

Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion										
Generator Data		11/18/2025																										
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00			
59TH STREET_GT_1 24138	EST	46.02	43.79	43.58	43.47	44.32	46.36	64.60	81.34	58.94	53.52	49.36	47.94	47.34	49.19	50.79	59.09	73.13	98.09	86.22	75.55	67.62	59.83	55.54	50.60			
		2.69	2.40	2.31	2.31	2.23	2.46	4.00	4.82	3.44	3.41	3.27	3.26	3.30	3.17	3.37	3.50	4.01	5.64	4.80	4.01	3.28	3.12	2.85	2.50			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
74TH STREET_GT_1 24260	EST	46.02	43.83	43.62	43.47	44.32	46.36	64.60	81.26	58.94	53.52	49.36	47.91	47.45	49.19	50.80	59.09	73.06	98.09	86.22	75.55	67.62	59.88	55.60	50.65			
		2.69	2.44	2.35	2.31	2.23	2.46	4.00	4.74	3.44	3.41	3.27	3.22	3.26	3.17	3.37	3.50	3.94	5.64	4.80	4.01	3.28	3.18	2.90	2.55			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.16	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
74TH STREET_GT_2 24261	EST	46.02	43.83	43.62	43.47	44.32	46.36	64.60	81.26	58.94	53.52	49.36	47.91	47.45	49.19	50.80	59.09	73.06	98.09	86.22	75.55	67.62	59.88	55.60	50.65			
		2.69	2.44	2.35	2.31	2.23	2.46	4.00	4.74	3.44	3.41	3.27	3.22	3.26	3.17	3.37	3.50	3.94	5.64	4.80	4.01	3.28	3.18	2.90	2.55			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.16	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK HUDSON___FALLS 24011	EST	46.24	44.16	44.03	43.96	44.78	46.80	64.91	81.87	58.89	52.87	48.30	46.73	46.06	48.04	49.65	58.59	73.48	98.37	86.55	75.77	68.33	60.05	55.81	50.89			
		2.90	2.77	2.76	2.80	2.69	2.90	4.30	5.36	3.39	2.76	2.21	2.05	2.03	2.02	2.23	3.00	4.35	5.92	5.13	4.22	3.99	3.35	3.11	2.79			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	EST	46.46	44.37	44.20	44.16	44.99	47.02	65.39	82.49	59.22	53.17	48.53	46.95	46.19	48.22	49.79	58.87	73.89	99.02	87.11	76.34	68.84	60.39	56.12	51.18			
		3.12	2.98	2.93	3.00	2.90	3.12	4.79	5.97	3.72	3.06	2.44	2.28	2.16	2.21	2.37	3.28	4.77	6.56	5.70	4.79	4.50	3.68	3.42	3.08			
		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			
ADK S GLENS___FALLS 24028	EST	46.24	44.16	44.03	43.96	44.78	46.80	64.91	81.87	58.89	52.87	48.30	46.73	46.06	48.04	49.65	58.59	73.48	98.37	86.55	75.77	68.33	60.05	55.81	50.89			
		2.90	2.77	2.76	2.80	2.69	2.90	4.30	5.36	3.39	2.76	2.21	2.05	2.03	2.02	2.23	3.00	4.35	5.92	5.13	4.22	3.99	3.35	3.11	2.79			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	EST	45.15	43.16	43.04	42.89	43.68	45.44	62.67	78.58	57.33	51.37	46.83	45.39	44.73	46.84	48.51	56.92	71.54	95.32	84.10	73.62	66.07	57.95	53.70	48.91			
		1.82	1.78	1.77	1.73	1.60	1.54	2.06	2.07	1.83	1.25	0.74	0.71	0.70	0.83	1.09	1.33	2.42	2.87	2.68	2.08	1.74	1.25	1.00	0.82			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	EST	43.68	41.76	41.60	41.49	42.30	44.03	60.54	76.21	55.33	49.96	46.23	44.81	44.21	46.15	47.61	55.76	69.05	92.18	81.09	71.19	64.14	56.76	53.12	48.48			
		0.35	0.37	0.33	0.33	0.21	0.13	-0.06	-0.31	-0.17	-0.15	0.14	0.13	0.18	0.14	0.19	0.17	-0.07	-0.28	-0.33	-0.36	-0.19	0.06	0.42	0.38			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	EST	42.94	41.05	40.90	40.91	41.87	43.77	60.42	76.67	55.61	50.06	45.95	44.67	43.99	45.96	47.37	55.65	69.26	92.73	81.66	71.83	64.72	57.16	53.17	48.48			
		-0.39	-0.33	-0.37	-0.25	-0.21	-0.13	-0.18	0.15	0.11	-0.05	-0.14	0.00	-0.04	-0.05	-0.05	0.06	0.14	0.28	0.24	0.29	0.39	0.45	0.47	0.38			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY_1_SOLAR 323833	EST	44.89	42.87	42.80	42.68	43.52	45.31	62.67	78.81	56.72	50.91	46.78	45.30	44.60	46.70	48.27	56.87	71.13	95.04	83.69	73.40	66.07	58.29	54.38	49.59			
		1.56	1.49	1.53	1.52	1.43	1.40	2.06	2.29	1.22	0.80	0.69	0.63	0.57	0.69	0.85	1.28	2.01	2.59	2.28	1.86	1.74	1.59	1.69	1.49			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	EST	44.85	42.87	42.75	42.64	43.47	45.31	62.67	78.74	56.72	50.91	46.78	45.30	44.56	46.65	48.27	56.87	71.05	95.04	83.62	73.33	66.07	58.24	54.33	49.54			
		1.52	1.49	1.48	1.48	1.39	1.40	2.06	2.22	1.22	0.80	0.69	0.63	0.53	0.64	0.85	1.28	1.93	2.59	2.20	1.79	1.74	1.53	1.64	1.44			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	EST	43.68	41.76	41.60	41.49	42.30	44.03	60.54	76.21	55.33	49.96	46.23	44.81	44.21	46.15	47.61	55.76	69.05	92.18	81.09	71.19	64.14	56.76	53.12	48.48			
		0.35	0.37	0.33	0.33	0.21	0.13	-0.06	-0.31	-0.17	-0.15	0.14	0.13	0.18	0.14	0.19	0.17	-0.07	-0.28	-0.33	-0.36	-0.19	0.06	0.42	0.38			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	43.68 0.35 0.00	41.76 0.37 0.00	41.60 0.33 0.00	41.49 0.33 0.00	42.30 0.21 0.00	44.03 0.13 0.00	60.54 -0.06 0.00	76.21 -0.31 0.00	55.33 -0.17 0.00	49.96 -0.15 0.00	46.23 0.14 0.00	44.81 0.13 0.00	44.21 0.18 0.00	46.15 0.14 0.00	47.61 0.19 0.00	55.76 0.17 0.00	69.05 -0.07 0.00	92.18 -0.28 0.00	81.09 -0.33 0.00	71.19 -0.36 0.00	64.14 -0.19 0.00	56.76 0.06 0.00	53.12 0.42 0.00	48.48 0.38 0.00
ALBANY___3 23573	43.68 0.35 0.00	41.76 0.37 0.00	41.60 0.33 0.00	41.49 0.33 0.00	42.30 0.21 0.00	44.03 0.13 0.00	60.54 -0.06 0.00	76.21 -0.31 0.00	55.33 -0.17 0.00	49.96 -0.15 0.00	46.23 0.14 0.00	44.81 0.13 0.00	44.21 0.18 0.00	46.15 0.14 0.00	47.61 0.19 0.00	55.76 0.17 0.00	69.05 -0.07 0.00	92.18 -0.28 0.00	81.09 -0.33 0.00	71.19 -0.36 0.00	64.14 -0.19 0.00	56.76 0.06 0.00	53.12 0.42 0.00	48.48 0.38 0.00
ALBANY___4 23574	43.68 0.35 0.00	41.76 0.37 0.00	41.60 0.33 0.00	41.49 0.33 0.00	42.30 0.21 0.00	44.03 0.13 0.00	60.54 -0.06 0.00	76.21 -0.31 0.00	55.33 -0.17 0.00	49.96 -0.15 0.00	46.23 0.14 0.00	44.81 0.13 0.00	44.21 0.18 0.00	46.15 0.14 0.00	47.61 0.19 0.00	55.76 0.17 0.00	69.05 -0.07 0.00	92.18 -0.28 0.00	81.09 -0.33 0.00	71.19 -0.36 0.00	64.14 -0.19 0.00	56.76 0.06 0.00	53.12 0.42 0.00	48.48 0.38 0.00
ALBANY___LFGE 323615	44.02 0.69 0.00	42.09 0.70 0.00	41.93 0.66 0.00	41.86 0.70 0.00	42.63 0.55 0.00	44.43 0.53 0.00	61.15 0.54 0.00	76.98 0.46 0.00	55.94 0.44 0.00	50.47 0.35 0.00	46.65 0.56 0.00	45.17 0.49 0.00	44.52 0.49 0.00	46.57 0.55 0.00	47.99 0.57 0.00	56.26 0.67 0.00	70.09 0.97 0.00	93.11 0.65 0.00	81.99 0.57 0.00	71.83 0.29 0.00	64.85 0.51 0.00	57.16 0.45 0.00	53.59 0.90 0.00	48.86 0.77 0.00
ALCOA_PA_115KV_PL-6C 55860	43.25 -0.09 0.00	41.34 -0.04 0.00	41.18 -0.08 0.00	41.20 0.04 0.00	42.21 0.13 0.00	44.12 0.22 0.00	60.91 0.30 0.00	77.28 0.77 0.00	56.06 0.56 0.00	50.46 0.35 0.00	46.32 0.23 0.00	44.99 0.31 0.00	44.30 0.26 0.00	46.29 0.28 0.00	47.70 0.28 0.00	56.04 0.44 0.00	69.67 0.55 0.00	93.29 0.83 0.00	82.15 0.73 0.00	72.33 0.79 0.00	65.24 0.90 0.00	57.61 0.91 0.00	53.65 0.95 0.00	48.92 0.82 0.00
ALCOA_RYNLDS___DRP 24188	43.25 -0.09 0.00	41.34 -0.04 0.00	41.18 -0.08 0.00	41.20 0.04 0.00	42.21 0.13 0.00	44.12 0.22 0.00	60.91 0.30 0.00	77.28 0.77 0.00	56.06 0.56 0.00	50.46 0.35 0.00	46.32 0.23 0.00	44.99 0.31 0.00	44.30 0.26 0.00	46.29 0.28 0.00	47.70 0.28 0.00	56.04 0.44 0.00	69.67 0.55 0.00	93.29 0.83 0.00	82.15 0.73 0.00	72.33 0.79 0.00	65.24 0.90 0.00	57.61 0.91 0.00	53.65 0.95 0.00	48.92 0.82 0.00
ALCOA___DSASP 323711	43.25 -0.09 0.00	41.34 -0.04 0.00	41.18 -0.08 0.00	41.20 0.04 0.00	42.21 0.13 0.00	44.12 0.22 0.00	60.91 0.30 0.00	77.28 0.77 0.00	56.06 0.56 0.00	50.46 0.35 0.00	46.32 0.23 0.00	44.99 0.31 0.00	44.30 0.26 0.00	46.29 0.28 0.00	47.70 0.28 0.00	56.04 0.44 0.00	69.67 0.55 0.00	93.29 0.83 0.00	82.15 0.73 0.00	72.33 0.79 0.00	65.24 0.90 0.00	57.61 0.91 0.00	53.65 0.95 0.00	48.92 0.82 0.00
ALLEGHENY___COGEN 23514	45.29 1.95 0.00	43.33 1.95 0.00	43.17 1.90 0.00	43.01 1.85 0.00	44.31 2.23 0.00	46.10 2.19 0.00	63.33 2.73 0.00	80.95 4.44 0.00	57.83 2.33 0.00	51.91 1.80 0.00	47.66 1.57 0.00	46.01 1.34 0.00	45.48 1.45 0.00	47.58 1.57 0.00	48.74 1.33 0.00	57.32 1.73 0.00	69.12 0.00 0.00	93.75 1.29 0.00	82.80 1.38 0.00	73.40 1.86 0.00	66.14 1.80 0.00	58.47 1.76 0.00	55.65 2.95 0.00	51.08 2.98 0.00
ALTAMONT_115KV_TB 2 55880	44.11 0.78 0.00	42.13 0.74 0.00	42.01 0.74 0.00	41.90 0.74 0.00	42.76 0.67 0.00	44.52 0.61 0.00	61.45 0.85 0.00	77.36 0.84 0.00	56.11 0.61 0.00	50.61 0.50 0.00	46.60 0.51 0.00	45.16 0.49 0.00	44.60 0.57 0.00	46.52 0.51 0.00	48.03 0.62 0.00	56.26 0.67 0.00	69.88 0.76 0.00	93.38 0.92 0.00	82.15 0.73 0.00	72.19 0.64 0.00	64.92 0.58 0.00	57.33 0.62 0.00	53.38 0.69 0.00	48.67 0.58 0.00
ALTONA_WT_PWR 323606	41.86 -1.47 0.00	40.02 -1.36 0.00	39.86 -1.40 0.00	39.88 -1.28 0.00	40.86 -1.22 0.00	42.85 -1.05 0.00	58.73 -1.88 0.00	74.22 -2.29 0.00	53.89 -1.61 0.00	48.91 -1.20 0.00	44.94 -1.15 0.00	43.69 -0.98 0.00	43.02 -1.01 0.00	45.00 -1.01 0.00	46.52 -0.90 0.00	54.42 -1.17 0.00	67.95 -1.18 0.00	91.07 -1.38 0.00	80.28 -1.14 0.00	70.69 -0.86 0.00	63.69 -0.64 0.00	56.20 -0.51 0.00	52.70 0.00 0.00	48.39 0.29 0.00
AMERICAN_REF_FUEL 24010	42.51 -0.82 0.00	40.93 -0.45 0.00	40.57 -0.70 0.00	40.34 -0.82 0.00	41.41 -0.67 0.00	42.41 -1.49 0.00	56.97 -3.63 0.00	72.46 -4.06 0.00	52.78 -2.72 0.00	48.66 -1.45 0.00	45.08 -1.01 0.00	43.47 -1.20 0.00	43.15 -0.88 0.00	45.09 -0.92 0.00	45.85 -1.56 0.00	53.15 -2.44 0.00	65.74 -3.39 0.00	87.74 -4.71 0.00	77.51 -3.91 0.00	68.68 -2.86 0.00	61.89 -2.44 0.00	55.40 -1.30 0.00	50.85 -1.85 0.00	47.04 -1.06 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	43.59 0.26 0.00	42.01 0.62 0.00	41.97 0.70 0.00	41.78 0.62 0.00	43.01 0.92 0.00	44.30 0.39 0.00	60.18 -0.42 0.00	76.75 0.23 0.00	55.56 0.06 0.00	51.02 0.90 0.00	47.38 1.29 0.00	45.52 0.85 0.00	45.17 1.14 0.00	47.39 1.38 0.00	48.08 0.66 0.00	55.76 0.17 0.00	69.26 0.14 0.00	92.83 0.37 0.00	82.07 0.65 0.00	72.69 1.14 0.00	65.36 1.03 0.00	58.35 1.65 0.00	53.54 0.84 0.00	49.49 1.40 0.00
ARTHUR KILL_GT_1 23520	46.50 3.16 -0.01	44.28 2.90 0.00	43.99 2.72 0.00	43.84 2.68 0.00	44.69 2.61 0.00	46.67 2.77 0.00	64.12 3.52 0.00	80.26 3.75 0.00	58.28 2.78 0.00	53.52 3.41 0.00	49.41 3.32 0.00	47.95 3.26 -0.02	47.54 3.35 -0.16	49.28 3.27 0.00	50.90 3.46 -0.02	58.31 2.72 0.00	72.16 3.04 0.00	96.89 4.44 0.00	85.41 3.99 0.00	74.76 3.22 0.00	67.04 2.70 0.00	59.43 2.72 0.00	56.02 3.32 0.00	51.14 3.03 -0.01
ARTHUR_KILL_2 23512	46.37 3.03 -0.01	44.16 2.77 0.00	43.87 2.60 0.00	43.71 2.55 0.00	44.57 2.48 0.00	46.54 2.63 0.00	64.06 3.45 0.00	80.19 3.67 0.00	58.22 2.72 0.00	53.53 3.41 -0.01	49.37 3.27 -0.01	47.86 3.17 -0.02	47.36 3.17 -0.16	49.23 3.22 0.00	50.75 3.32 -0.02	58.53 2.94 0.00	72.02 2.90 0.00	96.71 4.26 0.00	85.16 3.75 0.00	74.62 3.07 0.00	67.04 2.70 0.00	59.20 2.49 0.00	55.97 3.27 0.00	50.99 2.89 -0.01
ARTHUR_KILL_3 23513	45.59 2.25 0.00	43.41 2.03 0.00	43.17 1.90 0.00	43.06 1.89 0.00	43.89 1.81 0.00	45.92 2.02 0.00	64.18 3.57 0.00	80.64 4.13 0.00	58.50 2.99 0.00	53.08 2.96 -0.01	48.96 2.86 -0.01	47.46 2.77 -0.02	46.92 2.73 -0.16	48.82 2.81 0.00	50.28 2.84 -0.02	58.70 3.11 0.00	72.37 3.25 0.00	97.17 4.71 0.00	85.41 3.99 0.00	74.84 3.29 0.00	67.16 2.83 0.00	59.26 2.55 0.00	55.18 2.48 0.00	50.16 2.07 0.00

ARTHUR_KILL_COGEN 323718	46.50 3.16 -0.01	44.28 2.90 0.00	43.99 2.72 0.00	43.83 2.67 0.00	44.70 2.61 0.00	46.67 2.77 0.00	64.24 3.64 0.00	80.42 3.90 0.00	58.38 2.88 0.00	53.68 3.56 -0.01	49.51 3.41 -0.01	48.00 3.31 -0.02	47.50 3.30 -0.16	49.37 3.36 0.00	50.89 3.46 -0.02	58.70 3.11 0.00	72.23 3.11 0.00	96.98 4.53 0.00	85.49 4.07 0.00	74.84 3.29 0.00	67.23 2.90 0.00	59.43 2.72 0.00	56.12 3.42 0.00	51.14 3.03 -0.01
ASHOKAN____ 23654	44.98 1.65 0.00	42.92 1.53 0.00	42.75 1.48 0.00	42.64 1.48 0.00	43.56 1.47 0.00	45.40 1.49 0.00	63.75 3.15 0.00	80.04 3.52 0.00	57.22 1.72 0.00	51.17 1.05 0.00	46.78 0.69 0.00	45.30 0.63 0.00	44.47 0.44 0.00	46.47 0.46 0.00	48.08 0.66 0.00	56.76 1.17 0.00	70.99 1.87 0.00	95.88 3.42 0.00	84.43 3.01 0.00	73.62 2.08 0.00	66.14 1.80 0.00	58.52 1.81 0.00	54.43 1.74 0.00	49.44 1.34 0.00
ASTORIA_EAST_ENERGY_CC1 323581	45.89 2.56 0.00	43.70 2.32 0.00	43.41 2.14 0.00	43.26 2.10 0.00	44.10 2.02 0.00	45.97 2.06 0.00	64.18 3.57 0.00	80.26 3.75 0.00	58.38 2.88 0.01	53.07 2.96 0.00	49.00 2.91 0.00	47.58 2.90 -0.01	47.04 2.86 -0.15	48.81 2.81 0.01	50.32 2.89 -0.01	58.87 3.28 0.00	72.02 2.90 0.01	96.70 4.26 0.01	85.08 3.67 0.00	74.54 3.00 0.01	66.97 2.64 0.01	59.20 2.49 0.00	55.65 2.95 0.00	50.36 2.26 0.00
ASTORIA_EAST_ENERGY_CC2 323582	45.89 2.56 0.00	43.66 2.27 0.00	43.41 2.14 0.00	43.26 2.10 0.00	44.06 1.98 0.00	45.97 2.06 0.00	64.12 3.51 0.00	80.26 3.75 0.00	58.32 2.83 0.01	53.02 2.91 0.00	49.00 2.91 0.00	47.58 2.90 -0.01	47.04 2.86 -0.15	48.81 2.81 0.01	50.32 2.89 -0.01	58.81 3.22 0.00	72.02 2.90 0.01	96.70 4.26 0.01	85.08 3.67 0.00	74.47 2.93 0.01	66.97 2.64 0.01	59.20 2.49 0.00	55.65 2.95 0.00	50.31 2.21 0.00
ASTORIA_GT2_1 24094	45.89 2.56 0.00	43.70 2.32 0.00	43.41 2.15 0.00	43.26 2.10 0.00	44.10 2.02 0.00	45.97 2.06 0.00	64.00 3.39 0.00	80.19 3.67 0.00	58.22 2.72 0.00	52.97 2.86 0.00	48.90 2.81 0.00	47.59 2.90 -0.02	47.13 2.95 -0.15	48.77 2.76 0.00	50.33 2.89 -0.02	58.59 3.00 0.00	72.02 2.90 0.00	96.61 4.16 0.00	85.00 3.58 0.00	74.48 2.93 0.00	66.78 2.44 0.00	59.26 2.55 0.00	55.54 2.85 0.00	50.36 2.26 0.00
ASTORIA_GT2_2 24095	45.89 2.56 0.00	43.70 2.32 0.00	43.41 2.15 0.00	43.26 2.10 0.00	44.10 2.02 0.00	45.97 2.06 0.00	64.00 3.39 0.00	80.19 3.67 0.00	58.22 2.72 0.00	52.97 2.86 0.00	48.90 2.81 0.00	47.59 2.90 -0.02	47.13 2.95 -0.15	48.77 2.76 0.00	50.33 2.89 -0.02	58.59 3.00 0.00	72.02 2.90 0.00	96.61 4.16 0.00	85.00 3.58 0.00	74.48 2.93 0.00	66.78 2.44 0.00	59.26 2.55 0.00	55.54 2.85 0.00	50.36 2.26 0.00
ASTORIA_GT2_3 24096	45.89 2.56 0.00	43.70 2.32 0.00	43.41 2.15 0.00	43.26 2.10 0.00	44.10 2.02 0.00	45.97 2.06 0.00	64.00 3.39 0.00	80.19 3.67 0.00	58.22 2.72 0.00	52.97 2.86 0.00	48.90 2.81 0.00	47.59 2.90 -0.02	47.13 2.95 -0.15	48.77 2.76 0.00	50.33 2.89 -0.02	58.59 3.00 0.00	72.02 2.90 0.00	96.61 4.16 0.00	85.00 3.58 0.00	74.48 2.93 0.00	66.78 2.44 0.00	59.26 2.55 0.00	55.54 2.85 0.00	50.36 2.26 0.00
ASTORIA_GT2_4 24097	45.89 2.56 0.00	43.70 2.32 0.00	43.41 2.15 0.00	43.26 2.10 0.00	44.10 2.02 0.00	45.97 2.06 0.00	64.00 3.39 0.00	80.19 3.67 0.00	58.22 2.72 0.00	52.97 2.86 0.00	48.90 2.81 0.00	47.59 2.90 -0.02	47.13 2.95 -0.15	48.77 2.76 0.00	50.33 2.89 -0.02	58.59 3.00 0.00	72.02 2.90 0.00	96.61 4.16 0.00	85.00 3.58 0.00	74.48 2.93 0.00	66.78 2.44 0.00	59.26 2.55 0.00	55.54 2.85 0.00	50.36 2.26 0.00
ASTORIA_GT3_1 24098	45.89 2.56 0.00	43.70 2.32 0.00	43.41 2.15 0.00	43.26 2.10 0.00	44.10 2.02 0.00	45.97 2.06 0.00	64.00 3.39 0.00	80.19 3.67 0.00	58.22 2.72 0.00	52.97 2.86 0.00	48.90 2.81 0.00	47.59 2.90 -0.02	47.13 2.95 -0.15	48.77 2.76 0.00	50.33 2.89 -0.02	58.59 3.00 0.00	72.02 2.90 0.00	96.61 4.16 0.00	85.00 3.58 0.00	74.48 2.93 0.00	66.78 2.44 0.00	59.26 2.55 0.00	55.54 2.85 0.00	50.36 2.26 0.00
ASTORIA_GT3_2 24099	45.89 2.56 0.00	43.70 2.32 0.00	43.41 2.15 0.00	43.26 2.10 0.00	44.10 2.02 0.00	45.97 2.06 0.00	64.00 3.39 0.00	80.19 3.67 0.00	58.22 2.72 0.00	52.97 2.86 0.00	48.90 2.81 0.00	47.59 2.90 -0.02	47.13 2.95 -0.15	48.77 2.76 0.00	50.33 2.89 -0.02	58.59 3.00 0.00	72.02 2.90 0.00	96.61 4.16 0.00	85.00 3.58 0.00	74.48 2.93 0.00	66.78 2.44 0.00	59.26 2.55 0.00	55.54 2.85 0.00	50.36 2.26 0.00
ASTORIA_GT3_3 24100	45.89 2.56 0.00	43.70 2.32 0.00	43.41 2.15 0.00	43.26 2.10 0.00	44.10 2.02 0.00	45.97 2.06 0.00	64.00 3.39 0.00	80.19 3.67 0.00	58.22 2.72 0.00	52.97 2.86 0.00	48.90 2.81 0.00	47.59 2.90 -0.02	47.13 2.95 -0.15	48.77 2.76 0.00	50.33 2.89 -0.02	58.59 3.00 0.00	72.02 2.90 0.00	96.61 4.16 0.00	85.00 3.58 0.00	74.48 2.93 0.00	66.78 2.44 0.00	59.26 2.55 0.00	55.54 2.85 0.00	50.36 2.26 0.00
ASTORIA_GT3_4 24101	45.89 2.56 0.00	43.70 2.32 0.00	43.41 2.15 0.00	43.26 2.10 0.00	44.10 2.02 0.00	45.97 2.06 0.00	64.00 3.39 0.00	80.19 3.67 0.00	58.22 2.72 0.00	52.97 2.86 0.00	48.90 2.81 0.00	47.59 2.90 -0.02	47.13 2.95 -0.15	48.77 2.76 0.00	50.33 2.89 -0.02	58.59 3.00 0.00	72.02 2.90 0.00	96.61 4.16 0.00	85.00 3.58 0.00	74.48 2.93 0.00	66.78 2.44 0.00	59.26 2.55 0.00	55.54 2.85 0.00	50.36 2.26 0.00
ASTORIA_GT4_1 24102	45.89 2.56 0.00	43.70 2.32 0.00	43.41 2.15 0.00	43.26 2.10 0.00	44.10 2.02 0.00	45.97 2.06 0.00	64.00 3.39 0.00	80.19 3.67 0.00	58.22 2.72 0.00	52.97 2.86 0.00	48.90 2.81 0.00	47.59 2.90 -0.02	47.13 2.95 -0.15	48.77 2.76 0.00	50.33 2.89 -0.02	58.59 3.00 0.00	72.02 2.90 0.00	96.61 4.16 0.00	85.00 3.58 0.00	74.48 2.93 0.00	66.78 2.44 0.00	59.26 2.55 0.00	55.54 2.85 0.00	50.36 2.26 0.00
ASTORIA_GT4_2 24103	45.89 2.56 0.00	43.70 2.32 0.00	43.41 2.15 0.00	43.26 2.10 0.00	44.10 2.02 0.00	45.97 2.06 0.00	64.00 3.39 0.00	80.19 3.67 0.00	58.22 2.72 0.00	52.97 2.86 0.00	48.90 2.81 0.00	47.59 2.90 -0.02	47.13 2.95 -0.15	48.77 2.76 0.00	50.33 2.89 -0.02	58.59 3.00 0.00	72.02 2.90 0.00	96.61 4.16 0.00	85.00 3.58 0.00	74.48 2.93 0.00	66.78 2.44 0.00	59.26 2.55 0.00	55.54 2.85 0.00	50.36 2.26 0.00
ASTORIA_GT4_3 24104	45.89 2.56 0.00	43.70 2.32 0.00	43.41 2.15 0.00	43.26 2.10 0.00	44.10 2.02 0.00	45.97 2.06 0.00	64.00 3.39 0.00	80.19 3.67 0.00	58.22 2.72 0.00	52.97 2.86 0.00	48.90 2.81 0.00	47.59 2.90 -0.02	47.13 2.95 -0.15	48.77 2.76 0.00	50.33 2.89 -0.02	58.59 3.00 0.00	72.02 2.90 0.00	96.61 4.16 0.00	85.00 3.58 0.00	74.48 2.93 0.00	66.78 2.44 0.00	59.26 2.55 0.00	55.54 2.85 0.00	50.36 2.26 0.00

ASTORIA_GT4_4 24105	45.89 2.56 0.00	43.70 2.32 0.00	43.41 2.15 0.00	43.26 2.10 0.00	44.10 2.02 0.00	45.97 2.06 0.00	64.00 3.39 0.00	80.19 3.67 0.00	58.22 2.72 0.00	52.97 2.86 0.00	48.90 2.81 0.00	47.59 2.90 -0.02	47.13 2.95 -0.15	48.77 2.76 0.00	50.33 2.89 -0.02	58.59 3.00 0.00	72.02 2.90 0.00	96.61 4.16 0.00	85.00 3.58 0.00	74.48 2.93 0.00	66.78 2.44 0.00	59.26 2.55 0.00	55.54 2.85 0.00	50.36 2.26 0.00
ASTORIA_GT_1 23523	45.98 2.64 0.00	43.79 2.40 0.00	43.50 2.23 0.00	43.34 2.18 0.00	44.19 2.10 0.00	46.05 2.15 0.00	64.12 3.52 0.00	80.34 3.83 0.00	58.33 2.83 0.00	53.07 2.96 0.00	49.00 2.90 0.00	47.68 2.99 -0.02	47.27 3.08 -0.15	48.86 2.85 0.00	50.42 2.99 -0.02	58.70 3.11 0.00	72.16 3.04 0.00	96.80 4.35 0.00	85.24 3.83 0.00	74.62 3.08 0.00	66.91 2.57 0.00	59.37 2.67 0.00	55.65 2.95 0.00	50.45 2.36 0.00
ASTORIA_GT_10 24110	45.85 2.51 0.00	43.66 2.28 0.00	43.41 2.15 0.00	43.30 2.14 0.00	44.10 2.02 0.00	46.10 2.20 0.00	64.06 3.45 0.00	80.34 3.83 0.00	58.39 2.89 0.00	53.12 3.01 0.00	49.04 2.95 0.00	47.59 2.90 -0.02	47.14 2.95 -0.16	48.86 2.85 0.00	50.42 2.99 -0.02	58.59 3.00 0.00	72.23 3.11 0.00	96.89 4.44 0.00	85.24 3.83 0.00	74.69 3.15 0.00	66.97 2.64 0.00	59.32 2.61 0.00	55.39 2.69 0.00	50.36 2.26 0.00
ASTORIA_GT_11 24225	45.85 2.51 0.00	43.66 2.28 0.00	43.41 2.15 0.00	43.30 2.14 0.00	44.10 2.02 0.00	46.10 2.20 0.00	64.06 3.45 0.00	80.34 3.83 0.00	58.39 2.89 0.00	53.12 3.01 0.00	49.04 2.95 0.00	47.59 2.90 -0.02	47.14 2.95 -0.16	48.86 2.85 0.00	50.42 2.99 -0.02	58.59 3.00 0.00	72.23 3.11 0.00	96.89 4.44 0.00	85.24 3.83 0.00	74.69 3.15 0.00	66.97 2.64 0.00	59.32 2.61 0.00	55.39 2.69 0.00	50.36 2.26 0.00
ASTORIA_GT_12 24226	45.85 2.51 0.00	43.66 2.28 0.00	43.41 2.15 0.00	43.30 2.14 0.00	44.10 2.02 0.00	46.10 2.20 0.00	64.06 3.45 0.00	80.34 3.83 0.00	58.39 2.89 0.00	53.12 3.01 0.00	49.04 2.95 0.00	47.59 2.90 -0.02	47.14 2.95 -0.16	48.86 2.85 0.00	50.42 2.99 -0.02	58.59 3.00 0.00	72.23 3.11 0.00	96.89 4.44 0.00	85.24 3.83 0.00	74.69 3.15 0.00	66.97 2.64 0.00	59.32 2.61 0.00	55.39 2.69 0.00	50.36 2.26 0.00
ASTORIA_GT_13 24227	45.85 2.51 0.00	43.66 2.28 0.00	43.41 2.15 0.00	43.30 2.14 0.00	44.10 2.02 0.00	46.10 2.20 0.00	64.06 3.45 0.00	80.34 3.83 0.00	58.39 2.89 0.00	53.12 3.01 0.00	49.04 2.95 0.00	47.59 2.90 -0.02	47.14 2.95 -0.16	48.86 2.85 0.00	50.42 2.99 -0.02	58.59 3.00 0.00	72.23 3.11 0.00	96.89 4.44 0.00	85.24 3.83 0.00	74.69 3.15 0.00	66.97 2.64 0.00	59.32 2.61 0.00	55.39 2.69 0.00	50.36 2.26 0.00
ASTORIA_GT_5 24106	45.98 2.64 0.00	43.79 2.40 0.00	43.50 2.23 0.00	43.34 2.18 0.00	44.19 2.10 0.00	46.05 2.15 0.00	64.12 3.52 0.00	80.34 3.83 0.00	58.33 2.83 0.00	53.07 2.96 0.00	49.00 2.90 0.00	47.68 2.99 -0.02	47.27 3.08 -0.15	48.86 2.85 0.00	50.42 2.99 -0.02	58.70 3.11 0.00	72.16 3.04 0.00	96.80 4.35 0.00	85.24 3.83 0.00	74.62 3.08 0.00	66.91 2.57 0.00	59.37 2.67 0.00	55.65 2.95 0.00	50.45 2.36 0.00
ASTORIA_GT_7 24107	45.98 2.64 0.00	43.79 2.40 0.00	43.50 2.23 0.00	43.34 2.18 0.00	44.19 2.10 0.00	46.05 2.15 0.00	64.12 3.52 0.00	80.34 3.83 0.00	58.33 2.83 0.00	53.07 2.96 0.00	49.00 2.90 0.00	47.68 2.99 -0.02	47.27 3.08 -0.15	48.86 2.85 0.00	50.42 2.99 -0.02	58.70 3.11 0.00	72.16 3.04 0.00	96.80 4.35 0.00	85.24 3.83 0.00	74.62 3.08 0.00	66.91 2.57 0.00	59.37 2.67 0.00	55.65 2.95 0.00	50.45 2.36 0.00
ASTORIA_GT_8 24108	45.98 2.64 0.00	43.79 2.40 0.00	43.50 2.23 0.00	43.34 2.18 0.00	44.19 2.10 0.00	46.05 2.15 0.00	64.12 3.52 0.00	80.34 3.83 0.00	58.33 2.83 0.00	53.07 2.96 0.00	49.00 2.90 0.00	47.68 2.99 -0.02	47.27 3.08 -0.15	48.86 2.85 0.00	50.42 2.99 -0.02	58.70 3.11 0.00	72.16 3.04 0.00	96.80 4.35 0.00	85.24 3.83 0.00	74.62 3.08 0.00	66.91 2.57 0.00	59.37 2.67 0.00	55.65 2.95 0.00	50.45 2.36 0.00
ASTORIA___2 24149	45.89 2.56 0.00	43.70 2.32 0.00	43.41 2.14 0.00	43.26 2.10 0.00	44.10 2.02 0.00	45.97 2.06 0.00	64.18 3.57 0.00	80.26 3.75 0.00	58.38 2.88 0.01	53.07 2.96 0.00	49.00 2.91 0.00	47.58 2.90 -0.01	47.04 2.86 -0.15	48.81 2.81 0.01	50.32 2.89 -0.01	58.87 3.28 0.00	72.02 2.90 0.01	96.70 4.26 0.01	85.08 3.67 0.00	74.54 3.00 0.01	66.97 2.64 0.01	59.20 2.49 0.00	55.65 2.95 0.00	50.36 2.26 0.00
ASTORIA___3 23516	45.85 2.51 0.00	43.66 2.27 0.00	43.41 2.14 0.00	43.30 2.14 0.00	44.10 2.02 0.00	46.10 2.19 0.00	64.24 3.64 0.00	80.49 3.98 0.00	58.55 3.05 0.00	53.23 3.11 -0.01	49.09 2.99 -0.01	47.59 2.90 -0.02	47.10 2.91 -0.16	48.96 2.95 0.00	50.42 2.99 -0.02	58.87 3.28 0.00	72.30 3.18 0.00	96.98 4.53 0.00	85.33 3.91 0.00	74.77 3.22 0.00	67.16 2.83 0.00	59.32 2.61 0.00	55.49 2.79 0.00	50.36 2.26 0.00
ASTORIA___4 23517	45.85 2.51 0.00	43.66 2.28 0.00	43.41 2.15 0.00	43.30 2.14 0.00	44.10 2.02 0.00	46.10 2.20 0.00	64.06 3.45 0.00	80.34 3.83 0.00	58.39 2.89 0.00	53.12 3.01 0.00	49.04 2.95 0.00	47.59 2.90 -0.02	47.14 2.95 -0.16	48.86 2.85 0.00	50.42 2.99 -0.02	58.59 3.00 0.00	72.23 3.11 0.00	96.89 4.44 0.00	85.24 3.83 0.00	74.69 3.15 0.00	66.97 2.64 0.00	59.32 2.61 0.00	55.39 2.69 0.00	50.36 2.26 0.00
ASTORIA___5 23518	45.85 2.51 0.00	43.66 2.27 0.00	43.41 2.14 0.00	43.30 2.14 0.00	44.10 2.02 0.00	46.10 2.19 0.00	64.24 3.64 0.00	80.49 3.98 0.00	58.55 3.05 0.00	53.23 3.11 -0.01	49.09 2.99 -0.01	47.59 2.90 -0.02	47.10 2.91 -0.16	48.96 2.95 0.00	50.42 2.99 -0.02	58.87 3.28 0.00	72.30 3.18 0.00	96.98 4.53 0.00	85.33 3.91 0.00	74.77 3.22 0.00	67.16 2.83 0.00	59.32 2.61 0.00	55.49 2.79 0.00	50.36 2.26 0.00
AST_ENERGY_2_CC3 323677	45.37 2.04 0.00	43.20 1.82 0.00	42.92 1.65 0.00	42.76 1.60 0.00	43.60 1.51 0.00	45.44 1.54 0.00	63.45 2.85 0.00	79.42 2.91 0.00	57.71 2.22 0.01	52.47 2.36 0.00	48.44 2.35 0.00	47.05 2.37 -0.01	46.52 2.33 -0.15	48.30 2.30 0.01	49.75 2.32 -0.01	58.20 2.61 0.00	71.26 2.15 0.01	95.68 3.23 0.01	84.19 2.77 0.00	73.68 2.14 0.01	66.26 1.93 0.01	58.52 1.81 0.00	55.07 2.37 0.00	49.78 1.68 0.00
AST_ENERGY_2_CC4 323678	45.37 2.04 0.00	43.20 1.82 0.00	42.92 1.65 0.00	42.76 1.60 0.00	43.60 1.51 0.00	45.44 1.54 0.00	63.45 2.85 0.00	79.42 2.91 0.00	57.71 2.22 0.01	52.47 2.36 0.00	48.44 2.35 0.00	47.05 2.37 -0.01	46.52 2.33 -0.15	48.30 2.30 0.01	49.75 2.32 -0.01	58.20 2.61 0.00	71.26 2.15 0.01	95.68 3.23 0.01	84.19 2.77 0.00	73.68 2.14 0.01	66.26 1.93 0.01	58.52 1.81 0.00	55.07 2.37 0.00	49.78 1.68 0.00

ATHENS_STG_1 23668	44.55 1.21 0.00	42.50 1.12 0.00	42.42 1.15 0.00	42.31 1.15 0.00	43.18 1.09 0.00	45.00 1.10 0.00	62.36 1.76 0.00	78.50 1.99 0.00	56.94 1.44 0.00	51.41 1.30 0.00	47.34 1.24 0.00	45.88 1.21 0.00	45.22 1.19 0.00	47.21 1.19 0.00	48.65 1.23 0.00	56.98 1.39 0.00	70.78 1.66 0.00	94.67 2.22 0.00	83.29 1.87 0.00	73.12 1.57 0.00	65.75 1.41 0.00	57.95 1.25 0.00	53.86 1.16 0.00	49.06 0.96 0.00
ATHENS_STG_2 23670	44.55 1.21 0.00	42.50 1.12 0.00	42.42 1.15 0.00	42.31 1.15 0.00	43.18 1.09 0.00	45.00 1.10 0.00	62.36 1.76 0.00	78.50 1.99 0.00	56.94 1.44 0.00	51.41 1.30 0.00	47.34 1.24 0.00	45.88 1.21 0.00	45.22 1.19 0.00	47.21 1.19 0.00	48.65 1.23 0.00	56.98 1.39 0.00	70.78 1.66 0.00	94.67 2.22 0.00	83.29 1.87 0.00	73.12 1.57 0.00	65.75 1.41 0.00	57.95 1.25 0.00	53.86 1.16 0.00	49.06 0.96 0.00
ATHENS_STG_3 23677	44.55 1.21 0.00	42.50 1.12 0.00	42.42 1.15 0.00	42.31 1.15 0.00	43.18 1.09 0.00	45.00 1.10 0.00	62.36 1.76 0.00	78.50 1.99 0.00	56.94 1.44 0.00	51.41 1.30 0.00	47.34 1.24 0.00	45.88 1.21 0.00	45.22 1.19 0.00	47.21 1.19 0.00	48.65 1.23 0.00	56.98 1.39 0.00	70.78 1.66 0.00	94.67 2.22 0.00	83.29 1.87 0.00	73.12 1.57 0.00	65.75 1.41 0.00	57.95 1.25 0.00	53.86 1.16 0.00	49.06 0.96 0.00
AUBURN____LFGE 323710	43.72 0.39 0.00	41.76 0.37 0.00	41.60 0.33 0.00	41.45 0.29 0.00	42.46 0.38 0.00	44.34 0.44 0.00	61.27 0.67 0.00	77.51 0.99 0.00	56.17 0.67 0.00	50.66 0.55 0.00	46.55 0.46 0.00	45.03 0.36 0.00	44.34 0.31 0.00	46.52 0.51 0.00	47.75 0.33 0.00	56.09 0.50 0.00	69.81 0.69 0.00	93.47 1.02 0.00	82.31 0.90 0.00	72.40 0.86 0.00	65.17 0.84 0.00	57.05 0.34 0.00	53.01 0.32 0.00	48.39 0.29 0.00
BABYLON_RES_REC 323704	47.33 3.98 -0.01	45.04 3.64 -0.01	44.61 3.34 0.00	44.41 3.25 0.00	45.54 3.45 0.00	47.59 3.69 0.00	65.34 4.73 0.00	81.03 4.51 0.00	60.33 4.83 0.00	54.47 4.36 0.00	50.38 4.29 0.00	48.65 3.97 0.00	48.22 4.19 -0.01	50.40 4.37 -0.01	58.24 4.22 -6.60	60.77 4.61 -0.57	75.07 5.95 -0.01	100.79 8.32 -0.02	88.83 7.41 -0.01	77.92 6.08 -0.30	69.68 5.34 -0.01	61.57 4.76 -0.09	57.50 4.22 -0.58	52.10 3.99 -0.01
BALL_HILL_WT_PWR 323825	43.55 0.22 0.00	41.80 0.41 0.00	41.68 0.41 0.00	41.49 0.33 0.00	42.63 0.55 0.00	43.86 -0.04 0.00	59.39 -1.21 0.00	75.60 -0.91 0.00	54.78 -0.72 0.00	50.31 0.20 0.00	46.65 0.56 0.00	44.94 0.27 0.00	44.56 0.53 0.00	46.65 0.64 0.00	47.42 0.00 0.00	54.98 -0.61 0.00	68.22 -0.90 0.00	91.35 -1.11 0.00	80.68 -0.73 0.00	71.47 -0.07 0.00	64.34 0.00 0.00	57.44 0.74 0.00	52.70 0.00 0.00	48.72 0.62 0.00
BARON_WINDS____WT_PWR 323822	43.33 0.00 0.00	41.59 0.21 0.00	41.47 0.21 0.00	41.33 0.17 0.00	42.55 0.46 0.00	44.08 0.18 0.00	60.18 -0.42 0.00	76.36 -0.15 0.00	54.95 -0.55 0.00	50.11 0.00 0.00	46.46 0.37 0.00	44.81 0.13 0.00	44.43 0.40 0.00	46.61 0.60 0.00	47.47 0.05 0.00	55.37 -0.22 0.00	68.71 -0.41 0.00	92.18 -0.28 0.00	81.25 -0.16 0.00	72.05 0.50 0.00	64.98 0.64 0.00	57.61 0.90 0.00	53.07 0.37 0.00	49.06 0.96 0.00
BARRETT_IC_1 23704	46.77 3.42 -0.02	44.58 3.19 -0.01	44.20 2.93 0.00	44.04 2.88 0.00	45.07 2.99 0.00	47.11 3.20 0.00	64.60 4.00 0.00	80.19 3.67 0.00	59.61 4.11 0.00	53.97 3.86 0.00	49.87 3.78 0.00	48.20 3.53 0.00	47.74 3.70 -0.01	49.80 3.77 -0.02	57.92 3.56 -6.94	59.84 3.73 -0.53	73.97 4.84 -0.01	99.21 6.75 -0.02	87.37 5.94 -0.01	76.49 4.93 -0.02	68.72 4.38 -0.01	60.62 3.91 -0.01	56.57 3.27 -0.60	51.34 3.22 -0.02
BARRETT_IC_10 23701	46.77 3.42 -0.02	44.58 3.19 -0.01	44.20 2.93 0.00	44.04 2.88 0.00	45.07 2.99 0.00	47.11 3.20 0.00	64.60 4.00 0.00	80.19 3.67 0.00	59.61 4.11 0.00	53.97 3.86 0.00	49.87 3.78 0.00	48.20 3.53 0.00	47.74 3.70 -0.01	49.80 3.77 -0.02	57.92 3.56 -6.94	59.84 3.73 -0.53	73.97 4.84 -0.01	99.21 6.75 -0.02	87.37 5.94 -0.01	76.49 4.93 -0.02	68.72 4.38 -0.01	60.62 3.91 -0.01	56.57 3.27 -0.60	51.34 3.22 -0.02
BARRETT_IC_11 23702	46.77 3.42 -0.02	44.58 3.19 -0.01	44.20 2.93 0.00	44.04 2.88 0.00	45.07 2.99 0.00	47.11 3.20 0.00	64.60 4.00 0.00	80.19 3.67 0.00	59.61 4.11 0.00	53.97 3.86 0.00	49.87 3.78 0.00	48.20 3.53 0.00	47.74 3.70 -0.01	49.80 3.77 -0.02	57.92 3.56 -6.94	59.84 3.73 -0.53	73.97 4.84 -0.01	99.21 6.75 -0.02	87.37 5.94 -0.01	76.49 4.93 -0.02	68.72 4.38 -0.01	60.62 3.91 -0.01	56.57 3.27 -0.60	51.34 3.22 -0.02
BARRETT_IC_12 23703	46.77 3.42 -0.02	44.58 3.19 -0.01	44.20 2.93 0.00	44.04 2.88 0.00	45.07 2.99 0.00	47.11 3.20 0.00	64.60 4.00 0.00	80.19 3.67 0.00	59.61 4.11 0.00	53.97 3.86 0.00	49.87 3.78 0.00	48.20 3.53 0.00	47.74 3.70 -0.01	49.80 3.77 -0.02	57.92 3.56 -6.94	59.84 3.73 -0.53	73.97 4.84 -0.01	99.21 6.75 -0.02	87.37 5.94 -0.01	76.49 4.93 -0.02	68.72 4.38 -0.01	60.62 3.91 -0.01	56.57 3.27 -0.60	51.34 3.22 -0.02
BARRETT_IC_2 23705	46.77 3.42 -0.02	44.58 3.19 -0.01	44.20 2.93 0.00	44.04 2.88 0.00	45.07 2.99 0.00	47.11 3.20 0.00	64.60 4.00 0.00	80.19 3.67 0.00	59.61 4.11 0.00	53.97 3.86 0.00	49.87 3.78 0.00	48.20 3.53 0.00	47.74 3.70 -0.01	49.80 3.77 -0.02	57.92 3.56 -6.94	59.84 3.73 -0.53	73.97 4.84 -0.01	99.21 6.75 -0.02	87.37 5.94 -0.01	76.49 4.93 -0.02	68.72 4.38 -0.01	60.62 3.91 -0.01	56.57 3.27 -0.60	51.34 3.22 -0.02
BARRETT_IC_3 23706	46.77 3.42 -0.02	44.58 3.19 -0.01	44.20 2.93 0.00	44.04 2.88 0.00	45.07 2.99 0.00	47.11 3.20 0.00	64.60 4.00 0.00	80.19 3.67 0.00	59.61 4.11 0.00	53.97 3.86 0.00	49.87 3.78 0.00	48.20 3.53 0.00	47.74 3.70 -0.01	49.80 3.77 -0.02	57.92 3.56 -6.94	59.84 3.73 -0.53	73.97 4.84 -0.01	99.21 6.75 -0.02	87.37 5.94 -0.01	76.49 4.93 -0.02	68.72 4.38 -0.01	60.62 3.91 -0.01	56.57 3.27 -0.60	51.34 3.22 -0.02
BARRETT_IC_4 23707	46.77 3.42 -0.02	44.58 3.19 -0.01	44.20 2.93 0.00	44.04 2.88 0.00	45.07 2.99 0.00	47.11 3.20 0.00	64.60 4.00 0.00	80.19 3.67 0.00	59.61 4.11 0.00	53.97 3.86 0.00	49.87 3.78 0.00	48.20 3.53 0.00	47.74 3.70 -0.01	49.80 3.77 -0.02	57.92 3.56 -6.94	59.84 3.73 -0.53	73.97 4.84 -0.01	99.21 6.75 -0.02	87.37 5.94 -0.01	76.49 4.93 -0.02	68.72 4.38 -0.01	60.62 3.91 -0.01	56.57 3.27 -0.60	51.34 3.22 -0.02
BARRETT_IC_5 23708	46.77 3.42 -0.02	44.58 3.19 -0.01	44.20 2.93 0.00	44.04 2.88 0.00	45.07 2.99 0.00	47.11 3.20 0.00	64.60 4.00 0.00	80.19 3.67 0.00	59.61 4.11 0.00	53.97 3.86 0.00	49.87 3.78 0.00	48.20 3.53 0.00	47.74 3.70 -0.01	49.80 3.77 -0.02	57.92 3.56 -6.94	59.84 3.73 -0.53	73.97 4.84 -0.01	99.21 6.75 -0.02	87.37 5.94 -0.01	76.49 4.93 -0.02	68.72 4.38 -0.01	60.62 3.91 -0.01	56.57 3.27 -0.60	51.34 3.22 -0.02

BARRETT_IC_6 23709	46.77 3.42 -0.02	44.58 3.19 -0.01	44.20 2.93 0.00	44.04 2.88 0.00	45.07 2.99 0.00	47.11 3.20 0.00	64.60 4.00 0.00	80.19 3.67 0.00	59.61 4.11 0.00	53.97 3.86 0.00	49.87 3.78 0.00	48.20 3.53 0.00	47.74 3.70 -0.01	49.80 3.77 -0.02	57.92 3.56 -6.94	59.84 3.73 -0.53	73.97 4.84 -0.01	99.21 6.75 -0.02	87.37 5.94 -0.01	76.49 4.93 -0.02	68.72 4.38 -0.01	60.62 3.91 -0.01	56.57 3.27 -0.60	51.34 3.22 -0.02
BARRETT_IC_7 23710	46.77 3.42 -0.02	44.58 3.19 -0.01	44.20 2.93 0.00	44.04 2.88 0.00	45.07 2.99 0.00	47.11 3.20 0.00	64.12 3.52 0.00	80.03 3.52 0.00	59.27 3.77 0.00	53.87 3.76 0.00	49.83 3.73 0.00	48.20 3.53 0.00	47.78 3.74 -0.01	49.71 3.68 -0.02	57.91 3.56 -6.94	59.68 3.56 -0.53	73.90 4.77 -0.01	99.13 6.66 -0.02	87.29 5.86 -0.01	76.43 4.87 -0.02	68.53 4.18 -0.01	60.57 3.86 -0.01	56.62 3.32 -0.60	51.34 3.22 -0.02
BARRETT_IC_8 23711	46.77 3.42 -0.02	44.58 3.19 -0.01	44.20 2.93 0.00	44.04 2.88 0.00	45.07 2.99 0.00	47.11 3.20 0.00	64.60 4.00 0.00	80.19 3.67 0.00	59.61 4.11 0.00	53.97 3.86 0.00	49.87 3.78 0.00	48.20 3.53 0.00	47.74 3.70 -0.01	49.80 3.77 -0.02	57.92 3.56 -6.94	59.84 3.73 -0.53	73.97 4.84 -0.01	99.21 6.75 -0.02	87.37 5.94 -0.01	76.49 4.93 -0.02	68.72 4.38 -0.01	60.62 3.91 -0.01	56.57 3.27 -0.60	51.34 3.22 -0.02
BARRETT_IC_9 23700	46.77 3.42 -0.02	44.58 3.19 -0.01	44.20 2.93 0.00	44.04 2.88 0.00	45.07 2.99 0.00	47.11 3.20 0.00	64.60 4.00 0.00	80.19 3.67 0.00	59.61 4.11 0.00	53.97 3.86 0.00	49.87 3.78 0.00	48.20 3.53 0.00	47.74 3.70 -0.01	49.80 3.77 -0.02	57.92 3.56 -6.94	59.84 3.73 -0.53	73.97 4.84 -0.01	99.21 6.75 -0.02	87.37 5.94 -0.01	76.49 4.93 -0.02	68.72 4.38 -0.01	60.62 3.91 -0.01	56.57 3.27 -0.60	51.34 3.22 -0.02
BARRETT___1 23545	46.77 3.42 -0.02	44.58 3.19 -0.01	44.20 2.93 0.00	44.04 2.88 0.00	45.07 2.99 0.00	47.11 3.20 0.00	64.60 4.00 0.00	80.19 3.67 0.00	59.61 4.11 0.00	53.97 3.86 0.00	49.87 3.78 0.00	48.20 3.53 0.00	47.74 3.70 -0.01	49.80 3.77 -0.02	57.92 3.56 -6.94	59.84 3.73 -0.53	73.97 4.84 -0.01	99.21 6.75 -0.02	87.37 5.94 -0.01	76.49 4.93 -0.02	68.72 4.38 -0.01	60.62 3.91 -0.01	56.57 3.27 -0.60	51.34 3.22 -0.02
BARRETT___2 23546	46.77 3.42 -0.02	44.58 3.19 -0.01	44.20 2.93 0.00	44.04 2.88 0.00	45.07 2.99 0.00	47.11 3.20 0.00	64.60 4.00 0.00	80.19 3.67 0.00	59.61 4.11 0.00	53.97 3.86 0.00	49.87 3.78 0.00	48.20 3.53 0.00	47.74 3.70 -0.01	49.80 3.77 -0.02	57.92 3.56 -6.94	59.84 3.73 -0.53	73.97 4.84 -0.01	99.21 6.75 -0.02	87.37 5.94 -0.01	76.49 4.93 -0.02	68.72 4.38 -0.01	60.62 3.91 -0.01	56.57 3.27 -0.60	51.34 3.22 -0.02
BATAVIA___115KV_TB1 55881	43.98 0.65 0.00	42.09 0.70 0.00	42.05 0.78 0.00	41.70 0.54 0.00	42.88 0.80 0.00	44.17 0.26 0.00	59.88 -0.73 0.00	76.29 -0.23 0.00	55.33 -0.17 0.00	50.66 0.55 0.00	46.83 0.74 0.00	45.03 0.36 0.00	43.99 -0.04 0.00	46.89 0.87 0.00	47.42 0.00 0.00	55.37 -0.22 0.00	68.91 -0.21 0.00	91.81 -0.65 0.00	81.01 -0.41 0.00	71.69 0.14 0.00	64.92 0.58 0.00	56.71 0.00 0.00	53.12 0.42 0.00	48.96 0.87 0.00
BAYONEEC___CTG1 323682	45.76 2.43 0.00	43.58 2.19 0.00	43.33 2.06 0.00	43.22 2.06 0.00	44.06 1.98 0.00	46.10 2.19 0.00	64.36 3.76 0.00	80.87 4.36 0.00	58.72 3.22 0.00	53.28 3.16 -0.01	49.14 3.04 -0.01	47.64 2.95 -0.02	47.09 2.91 -0.16	49.00 2.99 0.00	50.47 3.04 -0.02	58.93 3.34 0.00	72.64 3.52 0.00	97.54 5.08 0.00	85.73 4.31 0.00	75.12 3.58 0.00	67.42 3.09 0.00	59.48 2.78 0.00	55.38 2.69 0.00	50.36 2.26 0.00
BAYONEEC___CTG10 323750	45.76 2.43 0.00	43.58 2.19 0.00	43.33 2.06 0.00	43.22 2.06 0.00	44.06 1.98 0.00	46.10 2.19 0.00	64.36 3.76 0.00	80.87 4.36 0.00	58.72 3.22 0.00	53.28 3.16 -0.01	49.14 3.04 -0.01	47.64 2.95 -0.02	47.09 2.91 -0.16	49.00 2.99 0.00	50.47 3.04 -0.02	58.93 3.34 0.00	72.64 3.52 0.00	97.54 5.08 0.00	85.73 4.31 0.00	75.12 3.58 0.00	67.42 3.09 0.00	59.48 2.78 0.00	55.38 2.69 0.00	50.36 2.26 0.00
BAYONEEC___CTG2 323683	45.76 2.43 0.00	43.58 2.19 0.00	43.33 2.06 0.00	43.22 2.06 0.00	44.06 1.98 0.00	46.10 2.19 0.00	64.36 3.76 0.00	80.87 4.36 0.00	58.72 3.22 0.00	53.28 3.16 -0.01	49.14 3.04 -0.01	47.64 2.95 -0.02	47.09 2.91 -0.16	49.00 2.99 0.00	50.47 3.04 -0.02	58.93 3.34 0.00	72.64 3.52 0.00	97.54 5.08 0.00	85.73 4.31 0.00	75.12 3.58 0.00	67.42 3.09 0.00	59.48 2.78 0.00	55.38 2.69 0.00	50.36 2.26 0.00
BAYONEEC___CTG3 323684	45.76 2.43 0.00	43.58 2.19 0.00	43.33 2.06 0.00	43.22 2.06 0.00	44.06 1.98 0.00	46.10 2.19 0.00	64.36 3.76 0.00	80.87 4.36 0.00	58.72 3.22 0.00	53.28 3.16 -0.01	49.14 3.04 -0.01	47.64 2.95 -0.02	47.09 2.91 -0.16	49.00 2.99 0.00	50.47 3.04 -0.02	58.93 3.34 0.00	72.64 3.52 0.00	97.54 5.08 0.00	85.73 4.31 0.00	75.12 3.58 0.00	67.42 3.09 0.00	59.48 2.78 0.00	55.38 2.69 0.00	50.36 2.26 0.00
BAYONEEC___CTG4 323685	45.76 2.43 0.00	43.58 2.19 0.00	43.33 2.06 0.00	43.22 2.06 0.00	44.06 1.98 0.00	46.10 2.19 0.00	64.36 3.76 0.00	80.87 4.36 0.00	58.72 3.22 0.00	53.28 3.16 -0.01	49.14 3.04 -0.01	47.64 2.95 -0.02	47.09 2.91 -0.16	49.00 2.99 0.00	50.47 3.04 -0.02	58.93 3.34 0.00	72.64 3.52 0.00	97.54 5.08 0.00	85.73 4.31 0.00	75.12 3.58 0.00	67.42 3.09 0.00	59.48 2.78 0.00	55.38 2.69 0.00	50.36 2.26 0.00
BAYONEEC___CTG5 323686	45.76 2.43 0.00	43.58 2.19 0.00	43.33 2.06 0.00	43.22 2.06 0.00	44.06 1.98 0.00	46.10 2.19 0.00	64.36 3.76 0.00	80.87 4.36 0.00	58.72 3.22 0.00	53.28 3.16 -0.01	49.14 3.04 -0.01	47.64 2.95 -0.02	47.09 2.91 -0.16	49.00 2.99 0.00	50.47 3.04 -0.02	58.93 3.34 0.00	72.64 3.52 0.00	97.54 5.08 0.00	85.73 4.31 0.00	75.12 3.58 0.00	67.42 3.09 0.00	59.48 2.78 0.00	55.38 2.69 0.00	50.36 2.26 0.00
BAYONEEC___CTG6 323687	45.76 2.43 0.00	43.58 2.19 0.00	43.33 2.06 0.00	43.22 2.06 0.00	44.06 1.98 0.00	46.10 2.19 0.00	64.36 3.76 0.00	80.87 4.36 0.00	58.72 3.22 0.00	53.28 3.16 -0.01	49.14 3.04 -0.01	47.64 2.95 -0.02	47.09 2.91 -0.16	49.00 2.99 0.00	50.47 3.04 -0.02	58.93 3.34 0.00	72.64 3.52 0.00	97.54 5.08 0.00	85.73 4.31 0.00	75.12 3.58 0.00	67.42 3.09 0.00	59.48 2.78 0.00	55.38 2.69 0.00	50.36 2.26 0.00
BAYONEEC___CTG7 323688	45.76 2.43 0.00	43.58 2.19 0.00	43.33 2.06 0.00	43.22 2.06 0.00	44.06 1.98 0.00	46.10 2.19 0.00	64.36 3.76 0.00	80.87 4.36 0.00	58.72 3.22 0.00	53.28 3.16 -0.01	49.14 3.04 -0.01	47.64 2.95 -0.02	47.09 2.91 -0.16	49.00 2.99 0.00	50.47 3.04 -0.02	58.93 3.34 0.00	72.64 3.52 0.00	97.54 5.08 0.00	85.73 4.31 0.00	75.12 3.58 0.00	67.42 3.09 0.00	59.48 2.78 0.00	55.38 2.69 0.00	50.36 2.26 0.00

BAYONEEC___CTG8 323689	45.76 2.43 0.00	43.58 2.19 0.00	43.33 2.06 0.00	43.22 2.06 0.00	44.06 1.98 0.00	46.10 2.19 0.00	64.36 3.76 0.00	80.87 4.36 0.00	58.72 3.22 0.00	53.28 3.16 -0.01	49.14 3.04 -0.01	47.64 2.95 -0.02	47.09 2.91 -0.16	49.00 2.99 0.00	50.47 3.04 -0.02	58.93 3.34 0.00	72.64 3.52 0.00	97.54 5.08 0.00	85.73 4.31 0.00	75.12 3.58 0.00	67.42 3.09 0.00	59.48 2.78 0.00	55.38 2.69 0.00	50.36 2.26 0.00
BAYONEEC___CTG9 323749	45.76 2.43 0.00	43.58 2.19 0.00	43.33 2.06 0.00	43.22 2.06 0.00	44.06 1.98 0.00	46.10 2.19 0.00	64.36 3.76 0.00	80.87 4.36 0.00	58.72 3.22 0.00	53.28 3.16 -0.01	49.14 3.04 -0.01	47.64 2.95 -0.02	47.09 2.91 -0.16	49.00 2.99 0.00	50.47 3.04 -0.02	58.93 3.34 0.00	72.64 3.52 0.00	97.54 5.08 0.00	85.73 4.31 0.00	75.12 3.58 0.00	67.42 3.09 0.00	59.48 2.78 0.00	55.38 2.69 0.00	50.36 2.26 0.00
BEACON___LESR 323632	44.33 1.00 0.00	42.38 0.99 0.00	42.22 0.95 0.00	42.15 0.99 0.00	42.93 0.84 0.00	44.78 0.88 0.00	61.75 1.15 0.00	77.74 1.22 0.00	56.39 0.89 0.00	50.81 0.70 0.00	46.87 0.78 0.00	45.43 0.76 0.00	44.73 0.70 0.00	46.79 0.78 0.00	48.22 0.81 0.00	56.59 1.00 0.00	70.64 1.52 0.00	94.02 1.57 0.00	82.72 1.30 0.00	72.55 1.00 0.00	65.36 1.03 0.00	57.61 0.90 0.00	53.91 1.21 0.00	49.15 1.06 0.00
BEAVER RIVER___HYD 24048	43.12 -0.22 0.00	41.26 -0.12 0.00	41.14 -0.12 0.00	41.00 -0.16 0.00	42.21 0.13 0.00	44.30 0.39 0.00	61.21 0.61 0.00	78.50 1.99 0.00	56.39 0.89 0.00	50.61 0.50 0.00	46.46 0.37 0.00	44.94 0.27 0.00	44.16 0.13 0.00	46.20 0.18 0.00	47.70 0.29 0.00	56.03 0.44 0.00	69.47 0.35 0.00	94.49 2.03 0.00	83.21 1.79 0.00	73.26 1.71 0.00	66.20 1.87 0.00	58.29 1.59 0.00	53.86 1.16 0.00	49.20 1.11 0.00
BEEBEE_GT_13 23619	43.64 0.30 0.00	41.68 0.29 0.00	41.52 0.25 0.00	41.33 0.16 0.00	42.46 0.38 0.00	43.95 0.04 0.00	59.88 -0.73 0.00	76.13 -0.38 0.00	55.33 -0.17 0.00	50.46 0.35 0.00	46.60 0.51 0.00	44.99 0.31 0.00	44.08 0.04 0.00	46.66 0.64 0.00	47.51 0.09 0.00	55.53 -0.06 0.00	68.91 -0.21 0.00	91.81 -0.65 0.00	80.85 -0.57 0.00	71.40 -0.14 0.00	64.47 0.13 0.00	56.42 -0.28 0.00	52.70 0.00 0.00	48.39 0.29 0.00
BENSHRST_27_KV_BENSHRST_1 355998	46.37 3.03 -0.01	44.12 2.73 0.00	43.87 2.60 0.00	43.71 2.55 0.00	44.57 2.48 0.00	46.54 2.63 0.00	64.48 3.88 0.00	80.80 4.28 0.00	58.66 3.16 0.00	53.62 3.51 0.00	49.46 3.36 0.00	48.04 3.35 -0.02	47.58 3.39 -0.16	49.32 3.31 0.00	50.94 3.51 -0.02	58.81 3.22 0.00	72.65 3.53 0.00	97.54 5.08 0.00	85.81 4.40 0.00	75.19 3.65 0.00	67.42 3.09 0.00	59.77 3.06 0.00	55.97 3.27 0.00	50.94 2.84 -0.01
BETHLEHEM___GRP 23843	43.68 0.35 0.00	41.76 0.37 0.00	41.60 0.33 0.00	41.49 0.33 0.00	42.30 0.21 0.00	44.03 0.13 0.00	60.54 -0.06 0.00	76.21 -0.31 0.00	55.33 -0.17 0.00	49.96 -0.15 0.00	46.23 0.14 0.00	44.81 0.13 0.00	44.21 0.18 0.00	46.15 0.14 0.00	47.61 0.19 0.00	55.76 0.17 0.00	69.05 -0.07 0.00	92.18 -0.28 0.00	81.09 -0.33 0.00	71.19 -0.36 0.00	64.14 -0.19 0.00	56.76 0.06 0.00	53.12 0.42 0.00	48.48 0.38 0.00
BETHLEHEM___GS1 323560	43.68 0.35 0.00	41.76 0.37 0.00	41.60 0.33 0.00	41.49 0.33 0.00	42.30 0.21 0.00	44.08 0.18 0.00	60.60 0.00 0.00	76.29 -0.23 0.00	55.45 -0.06 0.00	50.01 -0.10 0.00	46.28 0.19 0.00	44.81 0.13 0.00	44.16 0.13 0.00	46.20 0.18 0.00	47.61 0.19 0.00	55.70 0.11 0.00	69.40 0.28 0.00	92.27 -0.18 0.00	81.17 -0.24 0.00	71.26 -0.29 0.00	64.27 -0.06 0.00	56.71 0.00 0.00	53.17 0.47 0.00	48.48 0.38 0.00
BETHLEHEM___GS2 323561	43.68 0.35 0.00	41.76 0.37 0.00	41.60 0.33 0.00	41.49 0.33 0.00	42.30 0.21 0.00	44.08 0.18 0.00	60.60 0.00 0.00	76.29 -0.23 0.00	55.45 -0.06 0.00	50.01 -0.10 0.00	46.28 0.19 0.00	44.81 0.13 0.00	44.16 0.13 0.00	46.20 0.18 0.00	47.61 0.19 0.00	55.70 0.11 0.00	69.40 0.28 0.00	92.27 -0.18 0.00	81.17 -0.24 0.00	71.26 -0.29 0.00	64.27 -0.06 0.00	56.71 0.00 0.00	53.17 0.47 0.00	48.48 0.38 0.00
BETHLEHEM___GS3 323562	43.68 0.35 0.00	41.76 0.37 0.00	41.60 0.33 0.00	41.49 0.33 0.00	42.30 0.21 0.00	44.08 0.18 0.00	60.60 0.00 0.00	76.29 -0.23 0.00	55.45 -0.06 0.00	50.01 -0.10 0.00	46.28 0.19 0.00	44.81 0.13 0.00	44.16 0.13 0.00	46.20 0.18 0.00	47.61 0.19 0.00	55.70 0.11 0.00	69.40 0.28 0.00	92.27 -0.18 0.00	81.17 -0.24 0.00	71.26 -0.29 0.00	64.27 -0.06 0.00	56.71 0.00 0.00	53.17 0.47 0.00	48.48 0.38 0.00
BETHLEHEM___STEEL 23779	43.46 0.13 0.00	41.72 0.33 0.00	41.64 0.37 0.00	41.37 0.21 0.00	42.51 0.42 0.00	43.64 -0.26 0.00	58.97 -1.64 0.00	74.76 -1.76 0.00	54.39 -1.11 0.00	50.06 -0.05 0.00	46.51 0.41 0.00	44.54 -0.13 0.00	43.50 -0.53 0.00	46.56 0.55 0.00	46.90 -0.52 0.00	54.65 -0.95 0.00	68.08 -1.04 0.00	90.14 -2.31 0.00	79.79 -1.63 0.00	70.61 -0.93 0.00	64.02 -0.32 0.00	55.97 -0.74 0.00	52.54 -0.16 0.00	48.53 0.43 0.00
BETHLHEM_115KV_TB1 79974	43.77 0.43 0.00	41.84 0.46 0.00	41.72 0.45 0.00	41.61 0.45 0.00	42.42 0.34 0.00	44.17 0.26 0.00	60.79 0.18 0.00	76.44 -0.08 0.00	55.56 0.06 0.00	50.11 0.00 0.00	46.32 0.23 0.00	44.90 0.22 0.00	44.30 0.26 0.00	46.24 0.23 0.00	47.70 0.28 0.00	55.87 0.28 0.00	69.26 0.14 0.00	92.45 0.00 0.00	81.34 -0.08 0.00	71.40 -0.14 0.00	64.34 0.00 0.00	56.93 0.23 0.00	53.17 0.47 0.00	48.53 0.43 0.00
BETHPAGE_CC_5 323564	47.08 3.73 -0.01	44.79 3.39 -0.01	44.40 3.13 0.00	44.21 3.05 0.00	45.28 3.20 0.00	47.28 3.38 0.00	64.91 4.30 0.00	80.64 4.13 0.00	59.94 4.44 0.00	54.12 4.01 0.00	50.10 4.01 0.00	48.47 3.80 0.00	48.05 4.01 -0.01	50.17 4.14 -0.01	57.87 3.98 -6.47	60.43 4.34 -0.50	74.66 5.53 -0.01	100.24 7.77 -0.01	88.18 6.75 -0.01	77.29 5.65 -0.10	69.30 4.95 -0.01	61.14 4.43 -0.01	57.17 3.90 -0.57	51.77 3.65 -0.01
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	43.51 0.17 0.00	41.76 0.37 0.00	41.68 0.41 0.00	41.41 0.25 0.00	42.55 0.46 0.00	43.73 -0.18 0.00	59.15 -1.45 0.00	75.06 -1.45 0.00	54.50 -1.00 0.00	50.21 0.10 0.00	46.60 0.51 0.00	44.63 -0.04 0.00	43.64 -0.40 0.00	46.66 0.64 0.00	47.04 -0.38 0.00	54.76 -0.83 0.00	68.29 -0.83 0.00	90.51 -1.94 0.00	80.11 -1.30 0.00	70.83 -0.72 0.00	64.21 -0.13 0.00	56.14 -0.57 0.00	52.70 0.00 0.00	48.67 0.58 0.00
BINGHAMTON___COGEN 23790	44.16 0.82 0.00	42.17 0.79 0.00	42.09 0.83 0.00	41.94 0.78 0.00	42.93 0.84 0.00	44.74 0.83 0.00	61.88 1.27 0.00	78.12 1.61 0.00	56.56 1.05 0.00	51.16 1.05 0.00	47.11 1.01 0.00	45.52 0.85 0.00	44.82 0.79 0.00	46.98 0.97 0.00	48.27 0.85 0.00	56.65 1.06 0.00	70.50 1.38 0.00	94.30 1.85 0.00	82.80 1.38 0.00	72.83 1.29 0.00	65.56 1.22 0.00	57.56 0.85 0.00	53.49 0.79 0.00	48.92 0.82 0.00

BIXINCNT_115KV_LOAD 355685	43.20 -0.13 0.00	41.59 0.21 0.00	41.60 0.33 0.00	41.37 0.21 0.00	42.59 0.51 0.00	43.90 0.00 0.00	59.76 -0.85 0.00	75.90 -0.61 0.00	55.00 -0.50 0.00	50.51 0.40 0.00	46.88 0.78 0.00	44.85 0.18 0.00	43.86 -0.18 0.00	46.89 0.87 0.00	47.23 -0.19 0.00	55.09 -0.50 0.00	68.84 -0.28 0.00	91.53 -0.92 0.00	81.01 -0.41 0.00	71.62 0.07 0.00	64.92 0.58 0.00	56.71 0.00 0.00	53.17 0.47 0.00	49.16 1.06 0.00
BLACK RIVER___HYD 24047	43.38 0.04 0.00	41.55 0.17 0.00	41.43 0.17 0.00	41.28 0.12 0.00	42.46 0.38 0.00	44.60 0.70 0.00	61.82 1.21 0.00	79.65 3.14 0.00	57.05 1.55 0.00	51.17 1.05 0.00	46.83 0.74 0.00	45.30 0.63 0.00	44.52 0.49 0.00	46.57 0.55 0.00	48.13 0.71 0.00	56.37 0.78 0.00	70.09 0.97 0.00	95.41 2.96 0.00	84.19 2.77 0.00	74.05 2.50 0.00	66.72 2.38 0.00	58.52 1.81 0.00	53.86 1.16 0.00	49.25 1.15 0.00
BLACKRVR_115KV_TB2 79977	43.38 0.04 0.00	41.55 0.17 0.00	41.43 0.17 0.00	41.28 0.12 0.00	42.46 0.38 0.00	44.60 0.70 0.00	61.82 1.21 0.00	79.65 3.14 0.00	57.05 1.55 0.00	51.16 1.05 0.00	46.83 0.74 0.00	45.30 0.63 0.00	44.47 0.44 0.00	46.56 0.55 0.00	48.08 0.66 0.00	56.31 0.72 0.00	70.09 0.97 0.00	95.41 2.96 0.00	84.19 2.77 0.00	73.98 2.43 0.00	66.72 2.38 0.00	58.46 1.76 0.00	53.91 1.21 0.00	49.25 1.15 0.00
BLDWN_LI_69_KV_BK4 356085	47.03 3.68 -0.01	44.83 3.44 -0.01	44.40 3.14 0.00	44.21 3.05 0.00	45.28 3.20 0.00	47.33 3.42 0.00	64.60 4.00 0.00	80.65 4.13 0.00	59.66 4.16 0.00	54.12 4.01 0.00	50.06 3.96 0.00	48.43 3.75 0.00	48.05 4.01 -0.01	50.03 4.00 -0.01	57.60 3.94 -6.24	60.24 4.17 -0.48	74.66 5.53 -0.01	100.23 7.77 -0.01	88.18 6.76 -0.01	77.28 5.72 -0.01	69.23 4.89 -0.01	61.19 4.48 -0.01	56.99 3.74 -0.55	51.72 3.61 -0.01
BLISS_WT_PWR 323608	43.07 -0.26 0.00	41.51 0.12 0.00	41.47 0.21 0.00	41.28 0.12 0.00	42.55 0.46 0.00	43.86 -0.04 0.00	59.76 -0.85 0.00	76.36 -0.15 0.00	55.28 -0.22 0.00	50.61 0.50 0.00	46.92 0.83 0.00	45.07 0.40 0.00	44.73 0.70 0.00	46.88 0.87 0.00	47.61 0.19 0.00	55.37 -0.22 0.00	68.85 -0.28 0.00	92.36 -0.09 0.00	81.58 0.16 0.00	72.26 0.72 0.00	64.98 0.64 0.00	57.95 1.25 0.00	53.23 0.53 0.00	49.20 1.11 0.00
BLUESTONE___WT_PWR 323821	45.20 1.86 0.00	43.29 1.90 0.00	43.21 1.94 0.00	43.06 1.89 0.00	44.23 2.15 0.00	46.36 2.46 0.00	64.97 4.37 0.00	82.56 6.04 0.00	59.28 3.78 0.00	53.52 3.41 0.00	49.18 3.09 0.00	47.58 2.90 0.00	46.81 2.78 0.00	49.00 2.99 0.00	50.64 3.23 0.00	59.87 4.28 0.00	74.85 5.73 0.00	100.87 8.41 0.00	87.85 6.43 0.00	77.20 5.65 0.00	69.36 5.02 0.00	60.79 4.09 0.00	55.91 3.22 0.00	51.18 3.08 0.00
BLUE_CIRC_CHEM_DRP 24182	44.50 1.17 0.00	42.50 1.12 0.00	42.42 1.16 0.00	42.31 1.15 0.00	43.14 1.05 0.00	44.91 1.01 0.00	62.00 1.39 0.00	77.97 1.45 0.00	56.33 0.83 0.00	50.71 0.60 0.00	46.65 0.55 0.00	45.21 0.54 0.00	44.56 0.53 0.00	46.56 0.55 0.00	48.13 0.71 0.00	56.54 0.95 0.00	70.36 1.24 0.00	94.12 1.66 0.00	82.80 1.38 0.00	72.69 1.14 0.00	65.43 1.09 0.00	57.78 1.08 0.00	53.86 1.16 0.00	49.16 1.06 0.00
BOC_GAS_DRP 24189	44.07 0.74 0.00	42.09 0.70 0.00	41.97 0.70 0.00	41.86 0.70 0.00	42.72 0.63 0.00	44.47 0.57 0.00	61.39 0.79 0.00	77.20 0.69 0.00	56.06 0.56 0.00	50.61 0.50 0.00	46.60 0.51 0.00	45.16 0.49 0.00	44.56 0.53 0.00	46.52 0.51 0.00	47.99 0.57 0.00	56.20 0.61 0.00	69.81 0.69 0.00	93.29 0.83 0.00	82.07 0.65 0.00	72.12 0.57 0.00	64.85 0.51 0.00	57.27 0.57 0.00	53.28 0.58 0.00	48.63 0.53 0.00
BOONVILLE_115KV_TB1 79983	43.94 0.61 0.00	42.05 0.66 0.00	41.93 0.66 0.00	41.78 0.62 0.00	42.88 0.80 0.00	44.96 1.05 0.00	62.18 1.58 0.00	79.12 2.60 0.00	57.05 1.55 0.00	51.37 1.25 0.00	47.20 1.11 0.00	45.66 0.98 0.00	44.87 0.84 0.00	46.98 0.97 0.00	48.46 1.04 0.00	56.98 1.39 0.00	70.92 1.80 0.00	95.69 3.24 0.00	84.19 2.77 0.00	73.98 2.43 0.00	66.65 2.32 0.00	58.52 1.81 0.00	54.17 1.48 0.00	49.49 1.39 0.00
BORALEX_4TH_BRANCH 23824	45.15 1.82 0.00	43.17 1.78 0.00	43.04 1.77 0.00	42.89 1.73 0.00	43.68 1.60 0.00	45.44 1.54 0.00	62.54 1.94 0.00	78.43 1.91 0.00	57.28 1.78 0.00	51.31 1.20 0.00	46.78 0.69 0.00	45.39 0.71 0.00	44.82 0.79 0.00	46.79 0.78 0.00	48.51 1.09 0.00	56.98 1.39 0.00	71.47 2.35 0.00	95.32 2.87 0.00	84.02 2.61 0.00	73.55 2.00 0.00	65.95 1.61 0.00	58.12 1.42 0.00	53.65 0.95 0.00	48.92 0.82 0.00
BOWLINE___1 23526	45.33 1.99 0.00	43.20 1.82 0.00	43.04 1.77 0.00	42.97 1.81 0.00	43.77 1.69 0.00	45.70 1.80 0.00	63.51 2.91 0.00	79.88 3.36 0.00	57.83 2.33 0.00	52.37 2.26 0.00	48.35 2.26 0.00	46.82 2.14 0.00	46.14 2.11 0.00	48.17 2.16 0.00	49.60 2.18 0.00	57.92 2.33 0.00	71.75 2.63 0.00	96.34 3.88 0.00	84.68 3.26 0.00	74.26 2.72 0.00	66.65 2.31 0.00	58.75 2.04 0.00	54.65 1.95 0.00	49.73 1.64 0.00
BOWLINE___2 23595	45.33 1.99 0.00	43.25 1.86 0.00	43.04 1.77 0.00	42.97 1.81 0.00	43.81 1.73 0.00	45.75 1.84 0.00	63.57 2.97 0.00	79.96 3.45 0.00	57.94 2.44 0.00	52.42 2.31 0.00	48.40 2.30 0.00	46.91 2.23 0.00	46.19 2.16 0.00	48.22 2.21 0.00	49.65 2.23 0.00	57.98 2.39 0.00	71.81 2.69 0.00	96.52 4.06 0.00	84.84 3.42 0.00	74.41 2.86 0.00	66.72 2.38 0.00	58.86 2.15 0.00	54.70 2.00 0.00	49.83 1.73 0.00
BRADY___115KV_TB2 356060	43.64 0.30 0.00	41.76 0.37 0.00	41.60 0.33 0.00	41.57 0.41 0.00	42.63 0.55 0.00	44.65 0.75 0.00	61.64 1.03 0.00	78.35 1.84 0.00	56.61 1.11 0.00	50.71 0.60 0.00	46.46 0.37 0.00	45.16 0.49 0.00	44.47 0.44 0.00	46.47 0.46 0.00	47.89 0.47 0.00	56.26 0.67 0.00	70.09 0.97 0.00	94.21 1.76 0.00	83.13 1.71 0.00	73.26 1.72 0.00	66.07 1.74 0.00	58.41 1.70 0.00	54.28 1.58 0.00	49.49 1.39 0.00
BRANSCOMB___SOLAR 323811	45.54 2.21 0.00	43.54 2.15 0.00	43.37 2.10 0.00	43.30 2.14 0.00	44.15 2.06 0.00	46.05 2.15 0.00	63.75 3.15 0.00	80.34 3.82 0.00	58.00 2.50 0.00	51.97 1.86 0.00	47.52 1.43 0.00	46.01 1.34 0.00	45.35 1.32 0.00	47.39 1.38 0.00	48.98 1.56 0.00	57.70 2.11 0.00	72.44 3.32 0.00	96.89 4.44 0.00	85.25 3.83 0.00	74.69 3.14 0.00	67.30 2.96 0.00	59.09 2.38 0.00	54.91 2.21 0.00	50.07 1.97 0.00
BRDGHMPT_69_KV_BK1 55812	48.90 5.55 -0.02	46.36 4.97 -0.01	45.89 4.62 0.00	45.69 4.53 0.00	46.88 4.80 0.00	48.99 5.09 0.00	66.85 6.24 0.00	83.10 6.58 0.00	61.77 6.27 0.00	55.83 5.71 0.00	51.67 5.58 0.00	49.81 5.14 0.00	49.50 5.46 -0.01	51.78 5.75 -0.02	60.28 6.02 -6.84	64.28 6.78 -1.90	77.95 8.78 -0.05	104.81 12.30 -0.05	92.13 10.67 -0.05	84.56 9.23 -3.78	72.17 7.78 -0.05	65.96 7.09 -2.16	59.40 6.06 -0.64	53.79 5.68 -0.02

BRENTWOD_69_KV_W. BRTWOOD 56703	47.90 4.55 -0.02	45.53 4.14 -0.01	45.11 3.84 0.00	44.87 3.70 0.00	46.04 3.96 0.00	48.12 4.21 0.00	65.45 4.85 0.00	81.64 5.13 0.00	60.66 5.16 0.00	54.97 4.86 0.00	50.84 4.75 0.00	49.14 4.47 0.00	48.79 4.76 -0.01	50.90 4.88 -0.02	58.83 4.65 -6.76	60.80 4.56 -0.65	75.21 6.08 -0.01	101.26 8.78 -0.02	89.49 8.06 -0.01	78.62 6.15 -0.93	69.69 5.34 -0.01	61.73 4.82 -0.21	57.83 4.53 -0.60	52.73 4.62 -0.02
BRISTLHL_115KV_TB1 79998	42.64 -0.69 0.00	40.72 -0.66 0.00	40.57 -0.70 0.00	40.42 -0.74 0.00	41.41 -0.67 0.00	43.20 -0.70 0.00	59.57 -1.03 0.00	75.21 -1.30 0.00	54.67 -0.83 0.00	49.36 -0.75 0.00	45.40 -0.69 0.00	43.96 -0.71 0.00	43.28 -0.75 0.00	45.32 -0.69 0.00	46.56 -0.85 0.00	54.65 -0.95 0.00	67.88 -1.24 0.00	90.79 -1.66 0.00	80.03 -1.38 0.00	70.33 -1.22 0.00	63.24 -1.09 0.00	55.52 -1.19 0.00	51.59 -1.11 0.00	47.09 -1.01 0.00
BROOKHAVEN___DRP 24191	47.73 4.38 -0.02	45.33 3.93 -0.01	44.86 3.59 0.00	44.66 3.50 0.00	45.83 3.75 0.00	47.90 4.00 0.00	65.09 4.48 0.00	81.03 4.51 0.00	60.27 4.77 0.00	54.67 4.56 0.00	50.52 4.42 0.00	48.78 4.11 0.00	48.49 4.45 -0.01	50.63 4.60 -0.02	58.95 4.69 -6.84	62.66 5.17 -1.90	75.73 6.57 -0.05	101.66 9.15 -0.05	89.44 7.98 -0.05	82.14 6.80 -3.80	70.17 5.79 -0.05	64.31 5.44 -2.16	58.03 4.69 -0.64	52.54 4.42 -0.02
BROOKLYN_NAVY_YARD 23515	45.72 2.38 0.00	43.54 2.15 0.00	43.29 2.02 0.00	43.18 2.02 0.00	44.02 1.94 0.00	46.10 2.19 0.00	64.30 3.70 0.00	80.87 4.36 0.00	58.72 3.22 0.00	53.28 3.16 -0.01	49.14 3.04 -0.01	47.59 2.90 -0.02	47.05 2.86 -0.16	49.00 2.99 0.00	50.47 3.04 -0.02	58.93 3.34 0.00	72.64 3.52 0.00	97.54 5.08 0.00	85.81 4.39 0.00	75.19 3.65 0.00	67.42 3.09 0.00	59.48 2.78 0.00	55.38 2.69 0.00	50.31 2.21 0.00
BROOKLYN___ARMY_DRP 323595	46.20 2.86 -0.01	43.99 2.61 0.00	43.74 2.48 0.00	43.59 2.43 0.00	44.40 2.31 0.00	46.36 2.46 0.00	64.24 3.64 0.00	80.49 3.98 0.00	58.44 2.94 0.00	53.37 3.26 0.00	49.27 3.18 0.00	47.82 3.13 -0.02	47.41 3.21 -0.16	49.09 3.08 0.00	50.71 3.27 -0.02	58.59 3.00 0.00	72.37 3.25 0.00	97.08 4.62 0.00	85.41 3.99 0.00	74.84 3.29 0.00	67.10 2.77 0.00	59.49 2.78 0.00	55.75 3.06 0.00	50.75 2.65 -0.01
BROOME_2_LFGE 323671	44.15 0.82 0.00	42.17 0.78 0.00	42.09 0.83 0.00	41.94 0.78 0.00	42.93 0.84 0.00	44.73 0.83 0.00	61.94 1.33 0.00	78.28 1.76 0.00	56.61 1.11 0.00	51.21 1.10 0.00	47.15 1.06 0.00	45.61 0.94 0.00	44.96 0.93 0.00	47.02 1.01 0.00	48.37 0.95 0.00	56.76 1.17 0.00	70.57 1.45 0.00	94.49 2.03 0.00	82.96 1.54 0.00	72.97 1.43 0.00	65.62 1.29 0.00	57.78 1.07 0.00	53.54 0.84 0.00	48.91 0.82 0.00
BROOME___LFGE 323600	44.15 0.82 0.00	42.17 0.78 0.00	42.09 0.83 0.00	41.94 0.78 0.00	42.93 0.84 0.00	44.73 0.83 0.00	61.94 1.33 0.00	78.28 1.76 0.00	56.61 1.11 0.00	51.21 1.10 0.00	47.15 1.06 0.00	45.61 0.94 0.00	44.96 0.93 0.00	47.02 1.01 0.00	48.37 0.95 0.00	56.76 1.17 0.00	70.57 1.45 0.00	94.49 2.03 0.00	82.96 1.54 0.00	72.97 1.43 0.00	65.62 1.29 0.00	57.78 1.07 0.00	53.54 0.84 0.00	48.91 0.82 0.00
BROWNFLS_115KV_TB 3_5 80003	42.90 -0.43 0.00	41.05 -0.33 0.00	40.90 -0.37 0.00	40.83 -0.33 0.00	41.96 -0.13 0.00	44.03 0.13 0.00	60.60 0.00 0.00	77.43 0.92 0.00	55.94 0.44 0.00	50.21 0.10 0.00	46.18 0.09 0.00	44.76 0.09 0.00	44.03 0.00 0.00	46.01 0.00 0.00	47.42 0.00 0.00	55.59 0.00 0.00	68.77 -0.35 0.00	92.82 0.37 0.00	81.82 0.41 0.00	72.12 0.57 0.00	65.24 0.90 0.00	57.73 1.02 0.00	53.59 0.90 0.00	48.87 0.77 0.00
BROWNSV1_27_KV_LOAD 356125	46.11 2.77 0.00	43.87 2.48 0.00	43.66 2.39 0.00	43.55 2.39 0.00	44.40 2.31 0.00	46.45 2.55 0.00	64.73 4.12 0.00	81.41 4.90 0.00	59.05 3.55 0.00	53.62 3.51 0.00	49.46 3.36 0.00	47.99 3.31 -0.02	47.54 3.35 -0.16	49.28 3.27 0.00	50.90 3.46 -0.02	59.20 3.61 0.00	73.27 4.15 0.00	98.28 5.82 0.00	86.47 5.05 0.00	75.77 4.22 0.00	67.81 3.47 0.00	60.00 3.29 0.00	55.75 3.06 0.00	50.74 2.65 0.00
BURROWS___LYONSDAL 23803	43.68 0.35 0.00	41.80 0.41 0.00	41.68 0.41 0.00	41.53 0.37 0.00	42.67 0.59 0.00	44.74 0.83 0.00	61.88 1.27 0.00	78.89 2.37 0.00	56.83 1.33 0.00	51.16 1.05 0.00	46.97 0.88 0.00	45.43 0.76 0.00	44.65 0.62 0.00	46.70 0.69 0.00	48.22 0.81 0.00	56.70 1.11 0.00	70.57 1.45 0.00	95.50 3.05 0.00	84.02 2.61 0.00	73.83 2.29 0.00	66.52 2.19 0.00	58.46 1.76 0.00	54.07 1.37 0.00	49.40 1.30 0.00
CAITHNESS_CC_1 323624	47.55 4.20 -0.02	45.16 3.77 -0.01	44.69 3.42 0.00	44.49 3.33 0.00	45.66 3.58 0.00	47.72 3.82 0.00	65.39 4.79 0.00	80.80 4.28 0.00	60.44 4.94 0.00	54.57 4.46 0.00	50.47 4.38 0.00	48.70 4.02 0.00	48.27 4.23 -0.01	50.54 4.51 -0.02	58.77 4.51 -6.84	62.55 5.06 -1.91	75.39 6.22 -0.05	101.20 8.69 -0.05	89.04 7.57 -0.05	81.79 6.44 -3.81	69.98 5.59 -0.05	64.03 5.16 -2.17	57.92 4.58 -0.64	52.30 4.18 -0.02
CALPINE BETH_PAGE_GT4 24209	46.94 3.60 -0.01	44.66 3.27 -0.01	44.28 3.01 0.00	44.08 2.92 0.00	45.16 3.07 0.00	47.06 3.16 0.00	64.24 3.64 0.00	80.19 3.67 0.00	59.33 3.83 0.00	53.82 3.71 0.00	49.83 3.73 0.00	48.34 3.66 0.00	47.96 3.92 -0.01	49.98 3.96 -0.01	57.58 3.84 -6.32	60.03 3.95 -0.49	74.31 5.18 -0.01	99.68 7.21 -0.01	87.69 6.27 -0.01	76.78 5.22 -0.01	68.85 4.50 -0.01	60.85 4.14 -0.01	56.89 3.64 -0.56	51.62 3.51 -0.01
CALPINE_BETH_PAGE_GT_4 323586	46.94 3.59 -0.01	44.66 3.27 -0.01	44.28 3.01 0.00	44.08 2.92 0.00	45.16 3.07 0.00	47.06 3.16 0.00	64.67 4.06 0.00	80.34 3.82 0.00	59.72 4.22 0.00	53.92 3.81 0.00	49.87 3.78 0.00	48.38 3.71 0.00	47.91 3.88 -0.01	50.03 4.00 -0.01	57.58 3.84 -6.32	60.19 4.11 -0.49	74.38 5.25 -0.01	99.77 7.30 -0.01	87.86 6.43 -0.01	76.93 5.37 -0.01	69.04 4.69 -0.01	60.91 4.20 -0.01	57.00 3.74 -0.56	51.62 3.51 -0.01
CALPINE_BP_GT1 23823	46.94 3.59 -0.01	44.66 3.27 -0.01	44.28 3.01 0.00	44.08 2.92 0.00	45.16 3.07 0.00	47.06 3.16 0.00	64.67 4.06 0.00	80.34 3.82 0.00	59.72 4.22 0.00	53.92 3.81 0.00	49.87 3.78 0.00	48.38 3.71 0.00	47.91 3.88 -0.01	50.03 4.00 -0.01	57.58 3.84 -6.32	60.19 4.11 -0.49	74.38 5.25 -0.01	99.77 7.30 -0.01	87.86 6.43 -0.01	76.93 5.37 -0.01	69.04 4.69 -0.01	60.91 4.20 -0.01	57.00 3.74 -0.56	51.62 3.51 -0.01
CALSPAN___DRP 24200	43.46 0.13 0.00	41.72 0.33 0.00	41.64 0.37 0.00	41.37 0.21 0.00	42.51 0.42 0.00	43.64 -0.26 0.00	58.97 -1.64 0.00	74.76 -1.76 0.00	54.39 -1.11 0.00	50.06 -0.05 0.00	46.51 0.41 0.00	44.54 -0.13 0.00	43.50 -0.53 0.00	46.56 0.55 0.00	46.90 -0.52 0.00	54.65 -0.95 0.00	68.08 -1.04 0.00	90.14 -2.31 0.00	79.79 -1.63 0.00	70.61 -0.93 0.00	64.02 -0.32 0.00	55.97 -0.74 0.00	52.54 -0.16 0.00	48.53 0.43 0.00

CALVERTON___SOLAR 323806	47.94 -4.59 -0.02	45.53 4.14 -0.01	45.06 3.79 0.00	44.87 3.71 0.00	46.00 3.91 0.00	48.12 4.22 0.00	66.06 5.46 0.00	81.56 5.05 0.00	60.94 5.44 0.00	54.92 4.81 0.00	50.80 4.70 0.00	48.96 4.29 0.00	48.58 4.54 -0.01	50.90 4.87 -0.02	59.19 4.93 -6.84	63.05 5.56 -1.90	76.22 7.05 -0.05	102.41 9.90 -0.05	90.09 8.63 -0.05	82.71 7.37 -3.79	70.75 6.37 -0.05	64.66 5.79 -2.16	58.40 5.06 -0.64	52.78 4.66 -0.02
CANDIGU_WT_PWR 323617	43.33 0.00 0.00	41.59 0.21 0.00	41.47 0.21 0.00	41.33 0.17 0.00	42.55 0.46 0.00	44.08 0.18 0.00	60.18 -0.42 0.00	76.36 -0.15 0.00	54.95 -0.55 0.00	50.11 0.00 0.00	46.46 0.37 0.00	44.81 0.13 0.00	44.43 0.40 0.00	46.61 0.60 0.00	47.47 0.05 0.00	55.37 -0.22 0.00	68.71 -0.41 0.00	92.18 -0.28 0.00	81.25 -0.16 0.00	72.05 0.50 0.00	64.98 0.64 0.00	57.61 0.90 0.00	53.07 0.37 0.00	49.06 0.96 0.00
CARR STREET_E_SYR 24060	43.12 -0.22 0.00	41.18 -0.21 0.00	41.06 -0.21 0.00	40.87 -0.29 0.00	41.88 -0.21 0.00	43.68 -0.22 0.00	60.18 -0.42 0.00	75.98 -0.53 0.00	55.17 -0.33 0.00	49.86 -0.25 0.00	46.00 -0.09 0.00	44.54 -0.13 0.00	43.94 -0.09 0.00	45.92 -0.09 0.00	47.23 -0.19 0.00	55.31 -0.28 0.00	68.64 -0.48 0.00	91.81 -0.64 0.00	80.85 -0.57 0.00	71.05 -0.50 0.00	63.82 -0.52 0.00	56.14 -0.57 0.00	52.07 -0.63 0.00	47.66 -0.43 0.00
CARTHAGE___PAPER 23857	43.20 -0.13 0.00	41.39 0.00 0.00	41.27 0.00 0.00	41.12 -0.04 0.00	42.30 0.21 0.00	44.43 0.53 0.00	61.57 0.97 0.00	79.12 2.60 0.00	56.72 1.22 0.00	50.81 0.70 0.00	46.55 0.46 0.00	45.03 0.36 0.00	44.30 0.27 0.00	46.29 0.28 0.00	47.84 0.43 0.00	56.15 0.56 0.00	69.74 0.62 0.00	94.95 2.50 0.00	83.78 2.36 0.00	73.69 2.14 0.00	66.53 2.19 0.00	58.47 1.76 0.00	53.91 1.21 0.00	49.25 1.15 0.00
CASSADAGA_WT_PWR 323784	43.64 0.31 0.00	42.13 0.75 0.00	42.09 0.83 0.00	41.94 0.78 0.00	43.18 1.09 0.00	44.52 0.61 0.00	60.67 0.06 0.00	77.51 0.99 0.00	56.06 0.55 0.00	51.37 1.25 0.00	47.70 1.61 0.00	45.83 1.16 0.00	45.48 1.45 0.00	47.71 1.70 0.00	48.42 1.00 0.00	56.15 0.56 0.00	69.74 0.62 0.00	93.65 1.20 0.00	82.72 1.30 0.00	73.33 1.79 0.00	65.88 1.54 0.00	58.75 2.04 0.00	53.96 1.26 0.00	49.83 1.73 0.00
CE_DUNWOOD___DRP 24194	45.59 2.25 0.00	43.46 2.07 0.00	43.25 1.98 0.00	43.18 2.02 0.00	44.02 1.94 0.00	45.97 2.06 0.00	63.88 3.27 0.00	80.42 3.90 0.00	58.22 2.72 0.00	52.77 2.66 0.00	48.72 2.63 0.00	47.22 2.55 0.00	46.67 2.64 0.00	48.54 2.53 0.00	50.07 2.66 0.00	58.37 2.78 0.00	72.30 3.18 0.00	97.08 4.62 0.00	85.33 3.91 0.00	74.84 3.29 0.00	67.04 2.70 0.00	59.26 2.55 0.00	55.02 2.32 0.00	50.17 2.07 0.00
CE_MILLWOOD___DRP 24193	45.50 2.17 0.00	43.37 1.99 0.00	43.17 1.90 0.00	43.10 1.93 0.00	43.94 1.85 0.00	45.88 1.98 0.00	63.76 3.15 0.00	80.26 3.75 0.00	58.05 2.55 0.00	52.62 2.51 0.00	48.53 2.44 0.00	47.09 2.41 0.00	46.50 2.47 0.00	48.40 2.39 0.00	49.93 2.51 0.00	58.20 2.61 0.00	72.16 3.04 0.00	96.80 4.35 0.00	85.16 3.75 0.00	74.62 3.08 0.00	66.85 2.51 0.00	59.15 2.44 0.00	54.91 2.21 0.00	50.02 1.92 0.00
CE_NYC2_DRP 24202	45.89 2.56 0.00	43.66 2.28 0.00	43.45 2.19 0.00	43.30 2.14 0.00	44.15 2.06 0.00	46.14 2.24 0.00	64.12 3.52 0.00	80.42 3.90 0.00	58.50 3.00 0.00	53.17 3.06 0.00	49.09 3.00 0.00	47.64 2.95 -0.02	47.19 2.99 -0.16	48.91 2.90 0.00	50.47 3.03 -0.02	58.65 3.06 0.00	72.37 3.25 0.00	97.08 4.62 0.00	85.33 3.91 0.00	74.76 3.22 0.00	67.04 2.70 0.00	59.37 2.67 0.00	55.39 2.69 0.00	50.41 2.31 0.00
CE_NYC_DRP 24195	45.80 2.47 0.00	43.62 2.23 0.00	43.41 2.15 0.00	43.26 2.10 0.00	44.15 2.06 0.00	46.18 2.28 0.00	64.30 3.70 0.00	80.95 4.44 0.00	58.72 3.22 0.00	53.27 3.16 0.00	49.18 3.09 0.00	47.68 2.99 -0.02	47.27 3.08 -0.16	49.00 2.99 0.00	50.56 3.13 -0.02	58.81 3.22 0.00	72.78 3.66 0.00	97.63 5.18 0.00	85.81 4.40 0.00	75.19 3.65 0.00	67.36 3.02 0.00	59.60 2.89 0.00	55.33 2.63 0.00	50.41 2.31 0.00
CHAFFEE___LFGE 323603	43.51 0.17 0.00	41.76 0.37 0.00	41.64 0.37 0.00	41.41 0.25 0.00	42.55 0.46 0.00	43.73 -0.17 0.00	59.21 -1.39 0.00	75.44 -1.07 0.00	54.72 -0.78 0.00	50.26 0.15 0.00	46.60 0.51 0.00	44.85 0.18 0.00	44.52 0.49 0.00	46.65 0.64 0.00	47.42 0.00 0.00	54.98 -0.61 0.00	68.22 -0.90 0.00	91.25 -1.20 0.00	80.60 -0.81 0.00	71.40 -0.14 0.00	64.21 -0.13 0.00	57.39 0.68 0.00	52.70 0.00 0.00	48.63 0.53 0.00
CHATEAUG_35_KV_LOAD 355732	41.90 -1.43 0.00	40.06 -1.32 0.00	39.91 -1.36 0.00	39.97 -1.19 0.00	40.95 -1.14 0.00	42.94 -0.97 0.00	59.39 -1.21 0.00	75.44 -1.07 0.00	54.72 -0.78 0.00	49.26 -0.85 0.00	45.22 -0.88 0.00	43.96 -0.71 0.00	43.24 -0.79 0.00	45.18 -0.83 0.00	46.71 -0.71 0.00	55.09 -0.50 0.00	68.84 -0.28 0.00	92.45 0.00 0.00	81.50 0.08 0.00	71.76 0.21 0.00	64.72 0.39 0.00	57.16 0.45 0.00	53.17 0.47 0.00	48.39 0.29 0.00
CHATEAUG_WT_PWR 323614	41.90 -1.43 0.00	40.06 -1.33 0.00	39.91 -1.36 0.00	39.97 -1.19 0.00	40.95 -1.13 0.00	42.89 -1.01 0.00	58.91 -1.70 0.00	74.53 -1.99 0.00	54.12 -1.39 0.00	49.01 -1.10 0.00	45.03 -1.06 0.00	43.73 -0.94 0.00	43.06 -0.97 0.00	45.04 -0.97 0.00	46.52 -0.90 0.00	54.53 -1.06 0.00	68.09 -1.03 0.00	91.25 -1.20 0.00	80.44 -0.97 0.00	70.76 -0.79 0.00	63.82 -0.52 0.00	56.31 -0.39 0.00	52.65 -0.05 0.00	48.24 0.14 0.00
CHAT_HIGH_FALL_HYD 323578	41.90 -1.43 0.00	40.06 -1.32 0.00	39.91 -1.36 0.00	39.97 -1.19 0.00	40.95 -1.14 0.00	42.94 -0.97 0.00	59.39 -1.21 0.00	75.44 -1.07 0.00	54.72 -0.78 0.00	49.26 -0.85 0.00	45.22 -0.88 0.00	43.96 -0.71 0.00	43.24 -0.79 0.00	45.18 -0.83 0.00	46.71 -0.71 0.00	55.09 -0.50 0.00	68.84 -0.28 0.00	92.45 0.00 0.00	81.50 0.08 0.00	71.76 0.21 0.00	64.72 0.39 0.00	57.16 0.45 0.00	53.17 0.47 0.00	48.39 0.29 0.00
CHAUTAUQUA___LFGE 323629	43.77 0.43 0.00	42.09 0.70 0.00	41.97 0.70 0.00	41.78 0.62 0.00	42.97 0.89 0.00	44.25 0.35 0.00	60.06 -0.55 0.00	76.51 0.00 0.00	55.39 -0.11 0.00	50.81 0.70 0.00	47.15 1.06 0.00	45.34 0.67 0.00	45.00 0.97 0.00	47.16 1.15 0.00	47.89 0.47 0.00	55.53 -0.06 0.00	68.91 -0.21 0.00	92.36 -0.09 0.00	81.66 0.24 0.00	72.33 0.79 0.00	65.11 0.77 0.00	58.07 1.36 0.00	53.33 0.63 0.00	49.30 1.20 0.00
CHERRYST_13_KV_LD 356241	45.93 2.60 0.00	43.70 2.32 0.00	43.50 2.23 0.00	43.38 2.22 0.00	44.23 2.15 0.00	46.27 2.37 0.00	64.54 3.94 0.00	81.18 4.67 0.00	58.89 3.39 0.00	53.47 3.36 0.00	49.32 3.23 0.00	47.86 3.17 -0.02	47.45 3.26 -0.16	49.19 3.17 0.00	50.75 3.32 -0.02	59.04 3.45 0.00	73.06 3.94 0.00	98.00 5.55 0.00	86.14 4.72 0.00	75.48 3.93 0.00	67.55 3.22 0.00	59.77 3.06 0.00	55.49 2.79 0.00	50.50 2.40 0.00

CHESTROR_138KV_BK263 355645	45.20 1.86 0.00	43.08 1.70 0.00	42.92 1.65 0.00	42.85 1.69 0.00	43.68 1.60 0.00	45.61 1.71 0.00	63.33 2.73 0.00	79.73 3.21 0.00	57.67 2.16 0.00	52.17 2.05 0.00	48.07 1.98 0.00	46.64 1.97 0.00	46.06 2.03 0.00	47.94 1.93 0.00	49.46 2.04 0.00	57.70 2.11 0.00	71.61 2.49 0.00	96.15 3.70 0.00	84.51 3.09 0.00	74.12 2.58 0.00	66.46 2.12 0.00	58.75 2.04 0.00	54.54 1.84 0.00	49.73 1.64 0.00
CH_MIDHUDSON___DRP 24192	45.33 1.99 0.00	43.25 1.86 0.00	43.08 1.82 0.00	42.97 1.81 0.00	43.81 1.73 0.00	45.75 1.84 0.00	63.64 3.03 0.00	80.03 3.52 0.00	57.89 2.39 0.00	52.37 2.26 0.00	48.26 2.17 0.00	46.77 2.10 0.00	46.19 2.16 0.00	48.08 2.07 0.00	49.65 2.23 0.00	57.93 2.33 0.00	71.95 2.83 0.00	96.52 4.07 0.00	84.92 3.50 0.00	74.41 2.86 0.00	66.72 2.38 0.00	58.98 2.27 0.00	54.75 2.06 0.00	49.88 1.78 0.00
CH_MISC_IPPS 23765	45.59 2.25 0.00	43.45 2.07 0.00	43.29 2.02 0.00	43.18 2.02 0.00	44.02 1.94 0.00	46.01 2.11 0.00	64.18 3.57 0.00	80.72 4.21 0.00	58.33 2.83 0.00	52.67 2.55 0.00	48.53 2.44 0.00	47.04 2.37 0.00	46.28 2.24 0.00	48.36 2.35 0.00	49.84 2.42 0.00	58.37 2.78 0.00	72.37 3.25 0.00	97.26 4.80 0.00	85.49 4.07 0.00	74.91 3.36 0.00	67.23 2.90 0.00	59.32 2.61 0.00	55.12 2.43 0.00	50.12 2.02 0.00
CH_RES_BVR_FALLS 23983	42.60 -0.74 0.00	40.72 -0.66 0.00	40.61 -0.66 0.00	40.58 -0.58 0.00	41.54 -0.55 0.00	43.42 -0.48 0.00	60.00 -0.61 0.00	75.90 -0.61 0.00	55.05 -0.45 0.00	49.71 -0.40 0.00	45.68 -0.42 0.00	44.27 -0.40 0.00	43.55 -0.48 0.00	45.51 -0.51 0.00	46.94 -0.47 0.00	55.14 -0.45 0.00	68.71 -0.41 0.00	91.99 -0.46 0.00	81.01 -0.41 0.00	71.26 -0.29 0.00	64.14 -0.19 0.00	56.59 -0.11 0.00	52.65 -0.05 0.00	48.10 0.00 0.00
CH_RES_NIAGARA 23895	42.90 -0.43 0.00	41.10 -0.29 0.00	40.69 -0.58 0.00	40.71 -0.45 0.00	41.75 -0.34 0.00	42.50 -1.40 0.00	56.97 -3.64 0.00	72.00 -4.51 0.00	52.67 -2.83 0.00	48.71 -1.40 0.00	45.17 -0.92 0.00	43.33 -1.34 0.00	42.23 -1.81 0.00	45.14 -0.87 0.00	45.52 -1.90 0.00	53.03 -2.56 0.00	65.80 -3.32 0.00	86.81 -5.64 0.00	76.86 -4.56 0.00	68.11 -3.43 0.00	61.89 -2.44 0.00	54.16 -2.55 0.00	50.85 -1.84 0.00	47.09 -1.01 0.00
CH_RES_SYRACUSE 23985	43.42 0.09 0.00	41.47 0.08 0.00	41.31 0.04 0.00	41.16 0.00 0.00	42.13 0.04 0.00	43.99 0.09 0.00	60.73 0.12 0.00	76.75 0.23 0.00	55.72 0.22 0.00	50.31 0.20 0.00	46.28 0.19 0.00	44.81 0.13 0.00	44.21 0.18 0.00	46.20 0.18 0.00	47.51 0.10 0.00	55.81 0.22 0.00	69.26 0.14 0.00	92.73 0.28 0.00	81.58 0.16 0.00	71.69 0.14 0.00	64.47 0.13 0.00	56.71 0.00 0.00	52.54 -0.16 0.00	47.95 -0.14 0.00
CLINTON_WT_PWR 323605	41.90 -1.43 0.00	40.06 -1.33 0.00	39.91 -1.36 0.00	39.97 -1.19 0.00	40.95 -1.13 0.00	42.89 -1.01 0.00	58.91 -1.70 0.00	74.53 -1.99 0.00	54.12 -1.39 0.00	49.01 -1.10 0.00	45.03 -1.06 0.00	43.73 -0.94 0.00	43.06 -0.97 0.00	45.04 -0.97 0.00	46.52 -0.90 0.00	54.53 -1.06 0.00	68.09 -1.03 0.00	91.25 -1.20 0.00	80.44 -0.97 0.00	70.76 -0.79 0.00	63.82 -0.52 0.00	56.31 -0.39 0.00	52.65 -0.05 0.00	48.24 0.14 0.00
CLINTON___LFGE 323618	42.21 -1.13 0.00	40.35 -1.03 0.00	40.16 -1.11 0.00	40.26 -0.91 0.00	41.24 -0.84 0.00	43.29 -0.61 0.00	59.27 -1.33 0.00	74.99 -1.53 0.00	54.33 -1.17 0.00	49.31 -0.80 0.00	45.21 -0.88 0.00	43.96 -0.72 0.00	43.28 -0.75 0.00	45.23 -0.78 0.00	46.75 -0.66 0.00	54.76 -0.83 0.00	68.43 -0.69 0.00	91.90 -0.55 0.00	81.01 -0.41 0.00	71.33 -0.21 0.00	64.27 -0.06 0.00	56.65 -0.06 0.00	53.17 0.47 0.00	48.82 0.72 0.00
COBBLENY_34_KV_TB1 80064	43.51 0.17 0.00	41.76 0.37 0.00	41.64 0.37 0.00	41.41 0.25 0.00	42.55 0.46 0.00	43.73 -0.18 0.00	59.15 -1.45 0.00	75.06 -1.45 0.00	54.56 -0.94 0.00	50.16 0.05 0.00	46.60 0.51 0.00	44.63 -0.04 0.00	43.59 -0.44 0.00	46.66 0.64 0.00	46.99 -0.43 0.00	54.76 -0.83 0.00	68.22 -0.90 0.00	90.51 -1.94 0.00	80.11 -1.30 0.00	70.90 -0.64 0.00	64.21 -0.13 0.00	56.08 -0.62 0.00	52.65 -0.05 0.00	48.63 0.53 0.00
COFFEEN___115KV_TB3 355620	43.59 0.26 0.00	41.80 0.41 0.00	41.64 0.37 0.00	41.45 0.29 0.00	42.67 0.59 0.00	44.82 0.92 0.00	62.24 1.64 0.00	80.34 3.83 0.00	57.44 1.94 0.00	51.47 1.35 0.00	47.11 1.01 0.00	45.52 0.85 0.00	44.69 0.66 0.00	46.79 0.78 0.00	48.32 0.90 0.00	56.59 1.00 0.00	70.50 1.38 0.00	96.06 3.61 0.00	84.76 3.34 0.00	74.55 3.00 0.00	67.23 2.90 0.00	58.81 2.10 0.00	54.17 1.48 0.00	49.49 1.39 0.00
COLDSPRG_115KV_BK1 355956	44.07 0.74 0.00	42.42 1.03 0.00	42.38 1.11 0.00	42.19 1.03 0.00	43.39 1.30 0.00	44.78 0.88 0.00	61.09 0.48 0.00	77.59 1.07 0.00	56.06 0.56 0.00	51.42 1.30 0.00	47.84 1.75 0.00	45.70 1.03 0.00	44.69 0.66 0.00	47.85 1.84 0.00	48.18 0.76 0.00	55.98 0.39 0.00	70.02 0.90 0.00	93.19 0.74 0.00	82.56 1.14 0.00	73.05 1.50 0.00	66.07 1.74 0.00	57.67 0.96 0.00	54.07 1.37 0.00	49.97 1.88 0.00
COLONIE_LFGE___ 323577	44.76 1.43 0.00	42.79 1.41 0.00	42.67 1.40 0.00	42.56 1.40 0.00	43.35 1.26 0.00	45.18 1.27 0.00	62.36 1.76 0.00	78.43 1.91 0.00	57.00 1.50 0.00	51.21 1.10 0.00	46.92 0.83 0.00	45.43 0.76 0.00	44.78 0.75 0.00	46.84 0.83 0.00	48.42 1.00 0.00	56.87 1.28 0.00	71.19 2.07 0.00	94.95 2.50 0.00	83.62 2.20 0.00	73.33 1.79 0.00	65.88 1.54 0.00	57.95 1.25 0.00	53.86 1.16 0.00	49.11 1.01 0.00
COOPERNY_115KV_TB1 80082	44.81 1.47 0.00	42.75 1.37 0.00	42.63 1.36 0.00	42.52 1.36 0.00	43.39 1.30 0.00	45.31 1.40 0.00	62.91 2.30 0.00	79.27 2.75 0.00	57.39 1.89 0.00	51.92 1.80 0.00	47.84 1.75 0.00	46.37 1.70 0.00	45.75 1.72 0.00	47.67 1.66 0.00	49.17 1.75 0.00	57.42 1.83 0.00	71.33 2.21 0.00	95.69 3.24 0.00	83.94 2.52 0.00	73.69 2.15 0.00	66.14 1.80 0.00	58.41 1.70 0.00	54.17 1.48 0.00	49.44 1.35 0.00
COPENHAGEN_WT_PWR 323753	43.33 0.00 0.00	41.47 0.08 0.00	41.35 0.08 0.00	41.16 0.00 0.00	42.34 0.25 0.00	44.43 0.53 0.00	61.57 0.97 0.00	79.27 2.75 0.00	56.83 1.33 0.00	50.96 0.85 0.00	46.69 0.60 0.00	45.17 0.49 0.00	44.43 0.40 0.00	46.42 0.41 0.00	47.99 0.57 0.00	56.15 0.56 0.00	69.81 0.69 0.00	94.95 2.50 0.00	83.78 2.36 0.00	73.69 2.14 0.00	66.33 2.00 0.00	58.24 1.53 0.00	53.65 0.95 0.00	49.01 0.91 0.00
CORNELL_____ 23752	44.50 1.17 0.00	42.54 1.16 0.00	42.42 1.16 0.00	42.27 1.11 0.00	43.31 1.22 0.00	45.26 1.36 0.00	62.60 2.00 0.00	79.04 2.52 0.00	57.17 1.67 0.00	51.52 1.40 0.00	47.34 1.24 0.00	45.70 1.03 0.00	44.96 0.92 0.00	47.21 1.20 0.00	48.56 1.14 0.00	57.09 1.50 0.00	71.19 2.07 0.00	95.32 2.87 0.00	83.94 2.52 0.00	73.91 2.36 0.00	66.59 2.25 0.00	58.29 1.59 0.00	54.12 1.42 0.00	49.44 1.35 0.00

CORONA__69_KV_TB1 355595	46.90 3.55 -0.01	44.70 3.31 -0.01	44.32 3.05 0.00	44.17 3.00 0.00	45.20 3.11 0.00	47.24 3.34 0.00	64.54 3.94 0.00	80.65 4.13 0.00	59.55 4.05 0.00	54.07 3.96 0.00	50.01 3.92 0.00	48.38 3.71 0.00	47.96 3.92 -0.01	49.89 3.86 -0.01	57.05 3.75 -5.88	59.99 3.95 -0.45	74.38 5.25 -0.01	99.77 7.30 -0.01	87.86 6.43 -0.01	76.92 5.37 -0.01	69.04 4.70 -0.01	60.97 4.25 -0.01	56.74 3.53 -0.51	51.57 3.46 -0.01
CORTLAND__115KV_TB3 80093	44.11 0.78 0.00	42.17 0.79 0.00	42.05 0.78 0.00	41.86 0.70 0.00	42.88 0.80 0.00	44.78 0.88 0.00	61.94 1.33 0.00	78.27 1.76 0.00	56.67 1.17 0.00	51.11 1.00 0.00	46.97 0.88 0.00	45.43 0.76 0.00	44.74 0.70 0.00	46.89 0.87 0.00	48.22 0.81 0.00	56.65 1.06 0.00	70.50 1.38 0.00	94.40 1.94 0.00	83.13 1.71 0.00	73.05 1.50 0.00	65.75 1.42 0.00	57.67 0.96 0.00	53.54 0.84 0.00	48.87 0.77 0.00
COXSACKIE__GT 23611	45.76 2.43 0.00	43.74 2.36 0.00	43.58 2.31 0.00	43.46 2.30 0.00	44.40 2.31 0.00	46.27 2.37 0.00	64.78 4.18 0.00	81.42 4.90 0.00	58.05 2.55 0.00	51.72 1.60 0.00	47.24 1.15 0.00	45.65 0.98 0.00	44.87 0.83 0.00	46.93 0.92 0.00	48.60 1.19 0.00	57.59 2.00 0.00	72.44 3.32 0.00	97.63 5.17 0.00	85.97 4.56 0.00	75.05 3.50 0.00	67.55 3.22 0.00	59.71 3.00 0.00	55.59 2.90 0.00	50.50 2.40 0.00
CPV_VALLEY__CC1 323721	45.07 1.74 0.00	42.96 1.57 0.00	42.80 1.53 0.00	42.72 1.56 0.00	43.56 1.47 0.00	45.48 1.58 0.00	63.21 2.60 0.00	79.58 3.06 0.00	57.61 2.11 0.00	52.12 2.01 0.00	48.03 1.94 0.00	46.55 1.88 0.00	45.84 1.81 0.00	47.90 1.89 0.00	49.32 1.90 0.00	57.70 2.11 0.00	71.54 2.42 0.00	95.97 3.51 0.00	84.34 2.93 0.00	74.05 2.50 0.00	66.46 2.12 0.00	58.58 1.87 0.00	54.43 1.74 0.00	49.59 1.49 0.00
CPV_VALLEY__CC2 323722	45.07 1.74 0.00	42.96 1.57 0.00	42.80 1.53 0.00	42.72 1.56 0.00	43.56 1.47 0.00	45.48 1.58 0.00	63.21 2.60 0.00	79.58 3.06 0.00	57.61 2.11 0.00	52.12 2.01 0.00	48.03 1.94 0.00	46.55 1.88 0.00	45.84 1.81 0.00	47.90 1.89 0.00	49.32 1.90 0.00	57.70 2.11 0.00	71.54 2.42 0.00	95.97 3.51 0.00	84.34 2.93 0.00	74.05 2.50 0.00	66.46 2.12 0.00	58.58 1.87 0.00	54.43 1.74 0.00	49.59 1.49 0.00
CRESCENT__HYD 24018	44.76 1.43 0.00	42.79 1.41 0.00	42.67 1.40 0.00	42.56 1.40 0.00	43.35 1.26 0.00	45.18 1.27 0.00	62.36 1.76 0.00	78.43 1.91 0.00	57.00 1.50 0.00	51.21 1.10 0.00	46.92 0.83 0.00	45.43 0.76 0.00	44.78 0.75 0.00	46.84 0.83 0.00	48.42 1.00 0.00	56.87 1.28 0.00	71.19 2.07 0.00	94.95 2.50 0.00	83.62 2.20 0.00	73.33 1.79 0.00	65.88 1.54 0.00	57.95 1.25 0.00	53.86 1.16 0.00	49.11 1.01 0.00
CRICKET__VALLEY_CC1 323756	44.81 1.47 0.00	42.71 1.32 0.00	42.59 1.32 0.00	42.52 1.36 0.00	43.31 1.22 0.00	45.22 1.32 0.00	62.91 2.30 0.00	79.12 2.60 0.00	57.33 1.83 0.00	51.87 1.75 0.00	47.80 1.71 0.00	46.33 1.65 0.00	45.66 1.63 0.00	47.66 1.65 0.00	49.12 1.70 0.00	57.42 1.83 0.00	71.13 2.01 0.00	95.41 2.96 0.00	83.86 2.44 0.00	73.55 2.00 0.00	66.01 1.67 0.00	58.24 1.53 0.00	54.17 1.47 0.00	49.30 1.20 0.00
CRICKET__VALLEY_CC2 323757	44.81 1.47 0.00	42.71 1.32 0.00	42.59 1.32 0.00	42.52 1.36 0.00	43.31 1.22 0.00	45.22 1.32 0.00	62.91 2.30 0.00	79.12 2.60 0.00	57.33 1.83 0.00	51.87 1.75 0.00	47.80 1.71 0.00	46.33 1.65 0.00	45.66 1.63 0.00	47.66 1.65 0.00	49.12 1.70 0.00	57.42 1.83 0.00	71.13 2.01 0.00	95.41 2.96 0.00	83.86 2.44 0.00	73.55 2.00 0.00	66.01 1.67 0.00	58.24 1.53 0.00	54.17 1.47 0.00	49.30 1.20 0.00
CRICKET__VALLEY_CC3 323758	44.81 1.47 0.00	42.71 1.32 0.00	42.59 1.32 0.00	42.52 1.36 0.00	43.31 1.22 0.00	45.22 1.32 0.00	62.91 2.30 0.00	79.12 2.60 0.00	57.33 1.83 0.00	51.87 1.75 0.00	47.80 1.71 0.00	46.33 1.65 0.00	45.66 1.63 0.00	47.66 1.65 0.00	49.12 1.70 0.00	57.42 1.83 0.00	71.13 2.01 0.00	95.41 2.96 0.00	83.86 2.44 0.00	73.55 2.00 0.00	66.01 1.67 0.00	58.24 1.53 0.00	54.17 1.47 0.00	49.30 1.20 0.00
CRUCIBLE_METL_DRP 24180	43.42 0.09 0.00	41.47 0.08 0.00	41.31 0.04 0.00	41.16 0.00 0.00	42.13 0.04 0.00	43.99 0.09 0.00	60.73 0.12 0.00	76.67 0.15 0.00	55.67 0.17 0.00	50.26 0.15 0.00	46.23 0.14 0.00	44.76 0.09 0.00	44.08 0.04 0.00	46.15 0.14 0.00	47.47 0.05 0.00	55.70 0.11 0.00	69.26 0.14 0.00	92.55 0.09 0.00	81.50 0.08 0.00	71.62 0.07 0.00	64.40 0.06 0.00	56.54 -0.17 0.00	52.54 -0.16 0.00	47.95 -0.14 0.00
DAHOWA__HYDRO 323763	45.80 2.47 0.00	43.79 2.40 0.00	43.62 2.35 0.00	43.55 2.39 0.00	44.40 2.31 0.00	46.32 2.41 0.00	64.24 3.64 0.00	80.95 4.44 0.00	58.33 2.83 0.00	52.31 2.20 0.00	47.84 1.75 0.00	46.28 1.61 0.00	45.57 1.54 0.00	47.66 1.65 0.00	49.22 1.80 0.00	58.03 2.44 0.00	72.85 3.73 0.00	97.54 5.08 0.00	85.81 4.39 0.00	75.19 3.65 0.00	67.74 3.41 0.00	59.48 2.78 0.00	55.28 2.58 0.00	50.36 2.26 0.00
DANC__LFGE 323619	43.07 -0.26 0.00	41.18 -0.21 0.00	41.06 -0.21 0.00	40.87 -0.29 0.00	42.00 -0.08 0.00	43.95 0.04 0.00	60.79 0.18 0.00	77.66 1.15 0.00	55.94 0.44 0.00	50.31 0.20 0.00	46.14 0.05 0.00	44.72 0.04 0.00	43.99 -0.04 0.00	46.01 0.00 0.00	47.47 0.05 0.00	55.59 0.00 0.00	68.98 -0.14 0.00	93.38 0.92 0.00	82.31 0.90 0.00	72.33 0.79 0.00	65.11 0.77 0.00	57.27 0.57 0.00	52.91 0.21 0.00	48.29 0.19 0.00
DANSKAMMER__1 23586	45.59 2.25 0.00	43.45 2.07 0.00	43.29 2.02 0.00	43.18 2.02 0.00	44.02 1.94 0.00	46.01 2.11 0.00	64.18 3.57 0.00	80.72 4.21 0.00	58.33 2.83 0.00	52.67 2.55 0.00	48.53 2.44 0.00	47.04 2.37 0.00	46.28 2.24 0.00	48.36 2.35 0.00	49.84 2.42 0.00	58.37 2.78 0.00	72.37 3.25 0.00	97.26 4.80 0.00	85.49 4.07 0.00	74.91 3.36 0.00	67.23 2.90 0.00	59.32 2.61 0.00	55.12 2.43 0.00	50.12 2.02 0.00
DANSKAMMER__2 23589	45.59 2.25 0.00	43.45 2.07 0.00	43.29 2.02 0.00	43.18 2.02 0.00	44.02 1.94 0.00	46.01 2.11 0.00	64.18 3.57 0.00	80.72 4.21 0.00	58.33 2.83 0.00	52.67 2.55 0.00	48.53 2.44 0.00	47.04 2.37 0.00	46.28 2.24 0.00	48.36 2.35 0.00	49.84 2.42 0.00	58.37 2.78 0.00	72.37 3.25 0.00	97.26 4.80 0.00	85.49 4.07 0.00	74.91 3.36 0.00	67.23 2.90 0.00	59.32 2.61 0.00	55.12 2.43 0.00	50.12 2.02 0.00
DANSKAMMER__3 23590	45.59 2.25 0.00	43.45 2.07 0.00	43.29 2.02 0.00	43.18 2.02 0.00	44.02 1.94 0.00	46.01 2.11 0.00	64.18 3.57 0.00	80.72 4.21 0.00	58.33 2.83 0.00	52.67 2.55 0.00	48.53 2.44 0.00	47.04 2.37 0.00	46.28 2.24 0.00	48.36 2.35 0.00	49.84 2.42 0.00	58.37 2.78 0.00	72.37 3.25 0.00	97.26 4.80 0.00	85.49 4.07 0.00	74.91 3.36 0.00	67.23 2.90 0.00	59.32 2.61 0.00	55.12 2.43 0.00	50.12 2.02 0.00

DANSKAMMER___4 23591	45.59 2.25 0.00	43.45 2.07 0.00	43.29 2.02 0.00	43.18 2.02 0.00	44.02 1.94 0.00	46.01 2.11 0.00	64.18 3.57 0.00	80.72 4.21 0.00	58.33 2.83 0.00	52.67 2.55 0.00	48.53 2.44 0.00	47.04 2.37 0.00	46.28 2.24 0.00	48.36 2.35 0.00	49.84 2.42 0.00	58.37 2.78 0.00	72.37 3.25 0.00	97.26 4.80 0.00	85.49 4.07 0.00	74.91 3.36 0.00	67.23 2.90 0.00	59.32 2.61 0.00	55.12 2.43 0.00	50.12 2.02 0.00
DANSKAMMER___DIESEL 23592	45.59 2.25 0.00	43.46 2.07 0.00	43.29 2.02 0.00	43.18 2.02 0.00	44.02 1.94 0.00	46.01 2.11 0.00	64.06 3.45 0.00	80.57 4.06 0.00	58.22 2.72 0.00	52.62 2.51 0.00	48.44 2.35 0.00	47.00 2.32 0.00	46.37 2.33 0.00	48.27 2.25 0.00	49.84 2.42 0.00	58.20 2.61 0.00	72.37 3.25 0.00	97.17 4.72 0.00	85.41 3.99 0.00	74.84 3.29 0.00	67.04 2.70 0.00	59.32 2.61 0.00	55.07 2.37 0.00	50.12 2.02 0.00
DARBY___SOLAR 323810	45.59 2.25 0.00	43.54 2.15 0.00	43.41 2.14 0.00	43.34 2.18 0.00	44.15 2.06 0.00	46.05 2.15 0.00	63.81 3.21 0.00	80.42 3.90 0.00	58.00 2.50 0.00	52.02 1.90 0.00	47.57 1.47 0.00	46.06 1.39 0.00	45.35 1.32 0.00	47.44 1.43 0.00	49.03 1.61 0.00	57.82 2.23 0.00	72.51 3.39 0.00	96.98 4.53 0.00	85.33 3.91 0.00	74.77 3.22 0.00	67.30 2.96 0.00	59.14 2.44 0.00	54.96 2.26 0.00	50.12 2.02 0.00
DASHVILLE___HYD 23610	45.11 1.78 0.00	43.00 1.61 0.00	42.88 1.61 0.00	42.77 1.61 0.00	43.60 1.52 0.00	45.53 1.62 0.00	63.45 2.85 0.00	79.73 3.21 0.00	57.55 2.05 0.00	51.97 1.85 0.00	47.80 1.71 0.00	46.37 1.70 0.00	45.75 1.72 0.00	47.62 1.61 0.00	49.17 1.75 0.00	57.42 1.83 0.00	71.47 2.35 0.00	96.06 3.61 0.00	84.43 3.01 0.00	73.98 2.43 0.00	66.27 1.93 0.00	58.69 1.98 0.00	54.44 1.74 0.00	49.54 1.44 0.00
DELAWARE___LFGE 323621	44.59 1.26 0.00	42.59 1.20 0.00	42.51 1.24 0.00	42.40 1.23 0.00	43.35 1.26 0.00	45.22 1.32 0.00	65.82 5.21 0.00	83.02 6.50 0.00	59.39 3.89 0.00	53.62 3.51 0.00	49.23 3.13 0.00	47.53 2.86 0.00	46.67 2.64 0.00	48.96 2.94 0.00	50.55 3.13 0.00	60.26 4.67 0.00	75.62 6.50 0.00	101.98 9.52 0.00	83.94 2.52 0.00	73.69 2.15 0.00	66.20 1.87 0.00	58.29 1.59 0.00	54.07 1.37 0.00	49.35 1.25 0.00
DERFIELD_115KV_TB7 355931	43.55 0.22 0.00	41.59 0.21 0.00	41.52 0.25 0.00	41.37 0.21 0.00	42.30 0.21 0.00	44.12 0.22 0.00	60.85 0.24 0.00	76.82 0.31 0.00	55.72 0.22 0.00	50.31 0.20 0.00	46.28 0.18 0.00	44.85 0.18 0.00	44.21 0.18 0.00	46.20 0.18 0.00	47.61 0.19 0.00	55.81 0.22 0.00	69.40 0.28 0.00	92.82 0.37 0.00	81.74 0.33 0.00	71.83 0.29 0.00	64.59 0.26 0.00	56.93 0.23 0.00	52.91 0.21 0.00	48.29 0.19 0.00
DOGLEVILLE___HYD 23807	45.37 2.04 0.00	43.33 1.95 0.00	43.25 1.98 0.00	43.14 1.98 0.00	44.15 2.06 0.00	46.14 2.24 0.00	63.57 2.97 0.00	80.42 3.90 0.00	58.16 2.66 0.00	52.52 2.41 0.00	48.49 2.40 0.00	46.95 2.28 0.00	46.23 2.20 0.00	48.36 2.35 0.00	49.88 2.47 0.00	58.54 2.95 0.00	72.99 3.87 0.00	97.72 5.27 0.00	86.14 4.72 0.00	75.77 4.22 0.00	68.20 3.86 0.00	60.22 3.52 0.00	55.97 3.27 0.00	51.18 3.08 0.00
DUNKIRK___115KV_TB_200 55889	43.77 0.43 0.00	42.05 0.66 0.00	41.97 0.70 0.00	41.78 0.62 0.00	42.93 0.84 0.00	44.21 0.31 0.00	59.94 -0.67 0.00	75.98 -0.54 0.00	55.06 -0.44 0.00	50.66 0.55 0.00	47.06 0.97 0.00	45.08 0.40 0.00	44.03 0.00 0.00	47.07 1.06 0.00	47.42 0.00 0.00	55.15 -0.44 0.00	68.84 -0.28 0.00	91.44 -1.02 0.00	80.93 -0.49 0.00	71.62 0.07 0.00	64.98 0.64 0.00	56.71 0.00 0.00	53.23 0.53 0.00	49.20 1.11 0.00
DUNKIRK___1 23563	43.77 0.43 0.00	42.05 0.66 0.00	41.97 0.70 0.00	41.78 0.62 0.00	42.93 0.84 0.00	44.21 0.31 0.00	59.94 -0.67 0.00	75.98 -0.54 0.00	55.06 -0.44 0.00	50.66 0.55 0.00	47.06 0.97 0.00	45.08 0.40 0.00	44.03 0.00 0.00	47.07 1.06 0.00	47.42 0.00 0.00	55.15 -0.44 0.00	68.84 -0.28 0.00	91.44 -1.02 0.00	80.93 -0.49 0.00	71.62 0.07 0.00	64.98 0.64 0.00	56.71 0.00 0.00	53.23 0.53 0.00	49.20 1.11 0.00
DUNKIRK___2 23564	43.77 0.43 0.00	42.05 0.66 0.00	41.97 0.70 0.00	41.78 0.62 0.00	42.93 0.84 0.00	44.21 0.31 0.00	59.94 -0.67 0.00	75.98 -0.54 0.00	55.06 -0.44 0.00	50.66 0.55 0.00	47.06 0.97 0.00	45.08 0.40 0.00	44.03 0.00 0.00	47.07 1.06 0.00	47.42 0.00 0.00	55.15 -0.44 0.00	68.84 -0.28 0.00	91.44 -1.02 0.00	80.93 -0.49 0.00	71.62 0.07 0.00	64.98 0.64 0.00	56.71 0.00 0.00	53.23 0.53 0.00	49.20 1.11 0.00
DUNKIRK___3 23565	43.59 0.26 0.00	41.88 0.50 0.00	41.80 0.54 0.00	41.57 0.41 0.00	42.72 0.63 0.00	43.95 0.04 0.00	59.57 -1.03 0.00	75.44 -1.07 0.00	54.72 -0.78 0.00	50.31 0.20 0.00	46.74 0.65 0.00	44.81 0.13 0.00	43.77 -0.26 0.00	46.75 0.74 0.00	47.13 -0.28 0.00	54.87 -0.72 0.00	68.43 -0.69 0.00	90.79 -1.66 0.00	80.36 -1.06 0.00	71.12 -0.43 0.00	64.53 0.19 0.00	56.37 -0.34 0.00	52.86 0.16 0.00	48.87 0.77 0.00
DUNKIRK___4 23566	43.59 0.26 0.00	41.88 0.50 0.00	41.80 0.54 0.00	41.57 0.41 0.00	42.72 0.63 0.00	43.95 0.04 0.00	59.57 -1.03 0.00	75.44 -1.07 0.00	54.72 -0.78 0.00	50.31 0.20 0.00	46.74 0.65 0.00	44.81 0.13 0.00	43.77 -0.26 0.00	46.75 0.74 0.00	47.13 -0.28 0.00	54.87 -0.72 0.00	68.43 -0.69 0.00	90.79 -1.66 0.00	80.36 -1.06 0.00	71.12 -0.43 0.00	64.53 0.19 0.00	56.37 -0.34 0.00	52.86 0.16 0.00	48.87 0.77 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	45.72 2.38 0.00	43.54 2.15 0.00	43.33 2.06 0.00	43.22 2.06 0.00	44.06 1.98 0.00	46.05 2.15 0.00	64.06 3.45 0.00	80.57 4.06 0.00	58.39 2.89 0.00	52.97 2.86 0.00	48.86 2.77 0.00	47.40 2.73 0.00	46.81 2.77 0.00	48.68 2.67 0.00	50.26 2.85 0.00	58.54 2.95 0.00	72.51 3.39 0.00	97.35 4.90 0.00	85.57 4.15 0.00	75.05 3.51 0.00	67.17 2.83 0.00	59.43 2.72 0.00	55.18 2.48 0.00	50.26 2.16 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	45.37 2.04 0.00	43.29 1.90 0.00	43.12 1.86 0.00	43.01 1.85 0.00	43.85 1.77 0.00	45.79 1.89 0.00	63.70 3.09 0.00	80.19 3.67 0.00	57.94 2.44 0.00	52.42 2.31 0.00	48.30 2.21 0.00	46.82 2.14 0.00	46.23 2.20 0.00	48.13 2.12 0.00	49.65 2.23 0.00	57.93 2.33 0.00	71.95 2.83 0.00	96.71 4.25 0.00	85.00 3.58 0.00	74.48 2.93 0.00	66.78 2.44 0.00	59.03 2.32 0.00	54.81 2.11 0.00	49.93 1.83 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	45.80 2.47 0.00	43.62 2.23 0.00	43.37 2.10 0.00	43.18 2.02 0.00	44.02 1.94 0.00	45.92 2.02 0.00	63.88 3.27 0.00	80.03 3.52 0.00	58.11 2.61 0.00	52.87 2.76 0.00	48.77 2.67 0.00	47.33 2.64 -0.02	46.77 2.73 -0.01	48.63 2.62 0.00	50.18 2.75 -0.02	58.48 2.89 0.00	71.89 2.76 0.00	96.43 3.98 0.00	84.84 3.42 0.00	74.33 2.79 0.00	66.59 2.25 0.00	59.15 2.44 0.00	55.44 2.74 0.00	50.26 2.16 0.00

E179THST_13_KV_LOAD 356214	46.02 2.69 0.00	43.79 2.40 0.00	43.54 2.27 0.00	43.34 2.18 0.00	44.19 2.10 0.00	46.10 2.20 0.00	64.18 3.58 0.00	80.42 3.90 0.00	58.39 2.89 0.00	53.12 3.01 0.00	49.00 2.90 0.00	47.59 2.90 -0.02	46.99 2.95 -0.01	48.86 2.85 0.00	50.42 2.99 -0.02	58.76 3.17 0.00	72.30 3.18 0.00	96.98 4.53 0.00	85.33 3.91 0.00	74.69 3.15 0.00	66.97 2.64 0.00	59.43 2.72 0.00	55.70 3.00 0.00	50.45 2.36 0.00
EAST HAMPTON___GT 23717	49.42 6.07 -0.02	46.86 5.46 -0.01	46.34 5.07 0.00	46.14 4.98 0.00	47.39 5.30 0.00	49.48 5.58 0.00	68.24 7.64 0.00	84.24 7.72 0.00	62.83 7.33 0.00	56.48 6.36 0.00	52.27 6.18 0.00	50.30 5.63 0.00	49.94 5.90 -0.01	52.38 6.35 -0.02	60.85 6.59 -6.84	65.11 7.62 -1.90	78.98 9.81 -0.05	106.37 13.86 -0.05	93.51 12.05 -0.05	85.77 10.45 -3.78	73.27 8.88 -0.05	66.75 7.88 -2.16	60.14 6.80 -0.64	54.36 6.25 -0.02
EAST RIVER___6 23660	45.72 2.38 0.00	43.50 2.11 0.00	43.25 1.98 0.00	43.18 2.02 0.00	44.02 1.94 0.00	46.05 2.15 0.00	64.43 3.82 0.00	81.03 4.51 0.00	58.89 3.39 0.00	53.43 3.31 -0.01	49.28 3.18 -0.01	47.77 3.08 -0.02	47.22 3.04 -0.16	49.09 3.08 0.00	50.61 3.18 -0.02	59.09 3.50 0.00	72.92 3.80 0.00	97.91 5.45 0.00	86.06 4.64 0.00	75.33 3.79 0.00	67.49 3.15 0.00	59.54 2.83 0.00	55.38 2.69 0.00	50.31 2.21 0.00
EAST RIVER___7 23524	45.72 2.38 0.00	43.50 2.11 0.00	43.25 1.98 0.00	43.18 2.02 0.00	44.02 1.94 0.00	46.05 2.15 0.00	64.43 3.82 0.00	81.03 4.51 0.00	58.89 3.39 0.00	53.43 3.31 -0.01	49.28 3.18 -0.01	47.77 3.08 -0.02	47.22 3.04 -0.16	49.09 3.08 0.00	50.61 3.18 -0.02	59.09 3.50 0.00	72.92 3.80 0.00	97.91 5.45 0.00	86.06 4.64 0.00	75.33 3.79 0.00	67.49 3.15 0.00	59.54 2.83 0.00	55.38 2.69 0.00	50.31 2.21 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	45.59 2.25 0.00	43.46 2.07 0.00	43.25 1.98 0.00	43.18 2.02 0.00	44.02 1.94 0.00	45.97 2.06 0.00	63.88 3.27 0.00	80.42 3.90 0.00	58.22 2.72 0.00	52.77 2.66 0.00	48.72 2.63 0.00	47.22 2.55 0.00	46.67 2.64 0.00	48.54 2.53 0.00	50.07 2.66 0.00	58.37 2.78 0.00	72.30 3.18 0.00	97.08 4.62 0.00	85.33 3.91 0.00	74.84 3.29 0.00	67.04 2.70 0.00	59.26 2.55 0.00	55.02 2.32 0.00	50.17 2.07 0.00
EAST_HAMPTON___DIESEL 23722	49.42 6.07 -0.02	46.86 5.46 -0.01	46.38 5.12 0.00	46.14 4.98 0.00	47.39 5.30 0.00	49.48 5.58 0.00	68.30 7.70 0.00	84.24 7.72 0.00	62.83 7.33 0.00	56.48 6.36 0.00	52.27 6.18 0.00	50.30 5.63 0.00	49.94 5.90 -0.01	52.38 6.35 -0.02	60.85 6.59 -6.84	65.11 7.62 -1.90	79.05 9.88 -0.05	106.37 13.86 -0.05	93.51 12.05 -0.05	85.77 10.45 -3.78	73.27 8.88 -0.05	66.75 7.88 -2.16	60.14 6.80 -0.64	54.36 6.25 -0.02
EAST_POINT___SOLAR 323840	45.33 1.99 0.00	43.25 1.86 0.00	43.17 1.90 0.00	43.14 1.98 0.00	44.06 1.98 0.00	46.18 2.28 0.00	65.15 4.55 0.00	81.56 5.05 0.00	56.83 1.33 0.00	50.61 0.50 0.00	46.32 0.23 0.00	44.90 0.22 0.00	44.21 0.18 0.00	46.65 0.64 0.00	48.65 1.23 0.00	58.20 2.61 0.00	73.75 4.63 0.00	99.39 6.94 0.00	85.97 4.56 0.00	75.41 3.86 0.00	67.74 3.41 0.00	59.60 2.89 0.00	55.18 2.48 0.00	50.21 2.11 0.00
EAST_PULASKI___ESR 323781	42.90 -0.43 0.00	40.97 -0.41 0.00	40.81 -0.45 0.00	40.67 -0.49 0.00	41.71 -0.38 0.00	43.55 -0.35 0.00	60.12 -0.49 0.00	76.29 -0.23 0.00	55.22 -0.28 0.00	49.81 -0.30 0.00	45.72 -0.37 0.00	44.31 -0.36 0.00	43.68 -0.35 0.00	45.64 -0.37 0.00	47.04 -0.38 0.00	55.09 -0.50 0.00	68.36 -0.76 0.00	91.99 -0.46 0.00	81.09 -0.32 0.00	71.26 -0.29 0.00	64.08 -0.26 0.00	56.37 -0.34 0.00	52.22 -0.48 0.00	47.66 -0.43 0.00
EAST_RIVER___1 323558	45.80 2.47 0.00	43.62 2.23 0.00	43.37 2.10 0.00	43.26 2.10 0.00	44.15 2.06 0.00	46.18 2.28 0.00	64.49 3.88 0.00	81.03 4.51 0.00	58.83 3.33 0.00	53.38 3.26 -0.01	49.24 3.14 -0.01	47.73 3.04 -0.02	47.18 3.00 -0.16	49.09 3.08 0.00	50.56 3.13 -0.02	59.04 3.45 0.00	72.85 3.73 0.00	97.72 5.27 0.00	85.97 4.56 0.00	75.33 3.79 0.00	67.55 3.22 0.00	59.60 2.89 0.00	55.44 2.74 0.00	50.41 2.31 0.00
EAST_RIVER___2 323559	45.72 2.38 0.00	43.50 2.11 0.00	43.25 1.98 0.00	43.18 2.02 0.00	44.02 1.94 0.00	46.05 2.15 0.00	64.43 3.82 0.00	81.03 4.51 0.00	58.89 3.39 0.00	53.43 3.31 -0.01	49.28 3.18 -0.01	47.77 3.08 -0.02	47.22 3.04 -0.16	49.09 3.08 0.00	50.61 3.18 -0.02	59.09 3.50 0.00	72.92 3.80 0.00	97.91 5.45 0.00	86.06 4.64 0.00	75.33 3.79 0.00	67.49 3.15 0.00	59.54 2.83 0.00	55.38 2.69 0.00	50.31 2.21 0.00
EAST___DELAWARE_HYD 23607	45.67 2.34 0.00	43.58 2.19 0.00	43.41 2.14 0.00	43.30 2.14 0.00	44.23 2.15 0.00	46.18 2.28 0.00	64.60 4.00 0.00	81.34 4.82 0.00	58.66 3.16 0.00	52.92 2.80 0.00	48.63 2.53 0.00	47.08 2.41 0.00	46.36 2.33 0.00	48.40 2.39 0.00	49.93 2.51 0.00	58.59 3.00 0.00	72.78 3.66 0.00	98.00 5.55 0.00	85.97 4.56 0.00	75.33 3.79 0.00	67.62 3.28 0.00	59.65 2.95 0.00	55.33 2.63 0.00	50.31 2.21 0.00
EIGHT_POINT___WT_PWR 323820	43.07 -0.26 0.00	41.43 0.04 0.00	41.39 0.12 0.00	41.28 0.12 0.00	42.59 0.51 0.00	44.25 0.35 0.00	60.79 0.18 0.00	77.28 0.77 0.00	55.61 0.11 0.00	50.61 0.50 0.00	46.87 0.78 0.00	45.21 0.54 0.00	44.91 0.88 0.00	47.16 1.15 0.00	48.08 0.66 0.00	56.26 0.67 0.00	69.81 0.69 0.00	93.75 1.29 0.00	82.64 1.22 0.00	73.40 1.86 0.00	66.20 1.87 0.00	58.58 1.87 0.00	54.02 1.32 0.00	49.88 1.78 0.00
ELBRIDGE_115KV_TB2 80188	43.20 -0.13 0.00	41.22 -0.17 0.00	41.10 -0.17 0.00	40.91 -0.25 0.00	41.92 -0.17 0.00	43.73 -0.18 0.00	60.36 -0.24 0.00	76.21 -0.31 0.00	55.33 -0.17 0.00	49.96 -0.15 0.00	45.95 -0.14 0.00	44.49 -0.18 0.00	43.81 -0.22 0.00	45.92 -0.09 0.00	47.18 -0.24 0.00	55.37 -0.22 0.00	68.77 -0.35 0.00	91.90 -0.55 0.00	81.01 -0.41 0.00	71.19 -0.36 0.00	64.02 -0.32 0.00	56.20 -0.51 0.00	52.28 -0.42 0.00	47.71 -0.38 0.00
ELEC_TRO_TEK 24086	46.64 3.29 -0.01	44.50 3.10 -0.01	44.11 2.85 0.00	43.92 2.76 0.00	44.99 2.90 0.00	46.98 3.07 0.00	64.24 3.64 0.00	80.34 3.83 0.00	59.27 3.77 0.00	53.82 3.71 0.00	49.78 3.69 0.00	48.16 3.48 0.00	47.74 3.70 -0.01	49.70 3.68 -0.01	56.72 3.51 -5.79	59.76 3.72 -0.45	74.03 4.91 -0.01	99.31 6.84 -0.01	87.37 5.94 -0.01	76.49 4.94 -0.01	68.65 4.31 -0.01	60.68 3.97 -0.01	56.42 3.21 -0.51	51.28 3.17 -0.01
ELLENBURG_WT_PWR 323604	41.90 -1.43 0.00	40.06 -1.33 0.00	39.91 -1.36 0.00	39.97 -1.19 0.00	40.95 -1.13 0.00	42.89 -1.01 0.00	58.91 -1.70 0.00	74.53 -1.99 0.00	54.12 -1.39 0.00	49.01 -1.10 0.00	45.03 -1.06 0.00	43.73 -0.94 0.00	43.06 -0.97 0.00	45.04 -0.97 0.00	46.52 -0.90 0.00	54.53 -1.06 0.00	68.09 -1.03 0.00	91.25 -1.20 0.00	80.44 -0.97 0.00	70.76 -0.79 0.00	63.82 -0.52 0.00	56.31 -0.39 0.00	52.65 -0.05 0.00	48.24 0.14 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	43.33 0.00 0.00	41.55 0.17 0.00	41.43 0.17 0.00	41.20 0.04 0.00	42.30 0.21 0.00	43.42 -0.48 0.00	58.61 -2.00 0.00	74.22 -2.30 0.00	54.06 -1.44 0.00	49.81 -0.30 0.00	46.23 0.14 0.00	44.32 -0.36 0.00	43.28 -0.75 0.00	46.24 0.23 0.00	46.66 -0.76 0.00	54.31 -1.28 0.00	67.60 -1.52 0.00	89.50 -2.96 0.00	79.22 -2.20 0.00	70.11 -1.43 0.00	63.56 -0.77 0.00	55.57 -1.13 0.00	52.17 -0.53 0.00	48.24 0.14 0.00
EMPIRE_CC_1 323656	44.20 0.87 0.00	42.26 0.87 0.00	42.14 0.87 0.00	42.03 0.87 0.00	42.80 0.71 0.00	44.56 0.66 0.00	61.27 0.67 0.00	76.90 0.38 0.00	56.00 0.50 0.00	50.36 0.25 0.00	46.18 0.09 0.00	44.72 0.04 0.00	44.12 0.09 0.00	46.15 0.14 0.00	47.61 0.19 0.00	55.87 0.28 0.00	69.81 0.69 0.00	92.83 0.37 0.00	81.74 0.33 0.00	71.76 0.22 0.00	64.60 0.26 0.00	56.82 0.11 0.00	52.86 0.16 0.00	48.24 0.14 0.00
EMPIRE_CC_2 323658	44.20 0.87 0.00	42.26 0.87 0.00	42.14 0.87 0.00	42.03 0.87 0.00	42.80 0.71 0.00	44.56 0.66 0.00	61.27 0.67 0.00	76.90 0.38 0.00	56.00 0.50 0.00	50.36 0.25 0.00	46.18 0.09 0.00	44.72 0.04 0.00	44.12 0.09 0.00	46.15 0.14 0.00	47.61 0.19 0.00	55.87 0.28 0.00	69.81 0.69 0.00	92.83 0.37 0.00	81.74 0.33 0.00	71.76 0.22 0.00	64.60 0.26 0.00	56.82 0.11 0.00	52.86 0.16 0.00	48.24 0.14 0.00
ENORWICH_115KV_TB1 80156	45.98 2.64 0.00	44.12 2.73 0.00	43.99 2.72 0.00	43.84 2.68 0.00	45.12 3.03 0.00	47.37 3.47 0.00	66.36 5.76 0.00	84.40 7.88 0.00	60.38 4.88 0.00	54.37 4.26 0.00	49.83 3.73 0.00	48.11 3.44 0.00	47.20 3.17 0.00	49.65 3.63 0.00	51.26 3.84 0.00	60.76 5.17 0.00	76.38 7.26 0.00	102.99 10.54 0.00	89.56 8.14 0.00	78.70 7.15 0.00	70.83 6.50 0.00	61.75 5.05 0.00	56.91 4.22 0.00	52.19 4.09 0.00
ERIE_ST__34_KV_TB1-2 80199	43.51 0.17 0.00	41.76 0.37 0.00	41.68 0.41 0.00	41.41 0.25 0.00	42.55 0.46 0.00	43.77 -0.13 0.00	59.33 -1.27 0.00	75.29 -1.22 0.00	54.67 -0.83 0.00	50.26 0.15 0.00	46.69 0.60 0.00	44.72 0.04 0.00	43.72 -0.31 0.00	46.75 0.74 0.00	47.13 -0.28 0.00	54.87 -0.72 0.00	68.43 -0.69 0.00	90.79 -1.66 0.00	80.36 -1.06 0.00	71.12 -0.43 0.00	64.40 0.06 0.00	56.25 -0.45 0.00	52.75 0.05 0.00	48.72 0.63 0.00
ERIE_WT_PWR 323693	43.46 0.13 0.00	41.76 0.37 0.00	41.60 0.33 0.00	41.37 0.21 0.00	42.51 0.42 0.00	43.68 -0.22 0.00	59.03 -1.58 0.00	75.21 -1.30 0.00	54.61 -0.89 0.00	50.16 0.05 0.00	46.55 0.46 0.00	44.81 0.13 0.00	44.47 0.44 0.00	46.57 0.55 0.00	47.32 -0.09 0.00	54.93 -0.66 0.00	68.09 -1.03 0.00	91.07 -1.38 0.00	80.44 -0.97 0.00	71.26 -0.29 0.00	64.08 -0.26 0.00	57.27 0.57 0.00	52.59 -0.11 0.00	48.58 0.48 0.00
ESPRGFLD_115KV_TB1 80157	44.42 1.08 0.00	42.42 1.03 0.00	42.34 1.07 0.00	42.23 1.07 0.00	43.22 1.14 0.00	45.26 1.36 0.00	64.97 4.36 0.00	81.95 5.43 0.00	58.05 2.55 0.00	52.17 2.05 0.00	47.75 1.66 0.00	46.19 1.52 0.00	45.35 1.32 0.00	47.62 1.61 0.00	49.32 1.90 0.00	58.87 3.28 0.00	74.24 5.11 0.00	100.22 7.77 0.00	84.35 2.93 0.00	74.05 2.50 0.00	66.46 2.12 0.00	58.41 1.70 0.00	54.02 1.32 0.00	49.30 1.20 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	44.46 1.13 0.00	42.46 1.08 0.00	42.34 1.07 0.00	42.19 1.03 0.00	43.22 1.14 0.00	45.13 1.23 0.00	62.48 1.88 0.00	78.89 2.37 0.00	57.05 1.55 0.00	51.47 1.35 0.00	47.24 1.15 0.00	45.66 0.98 0.00	44.91 0.88 0.00	47.12 1.10 0.00	48.46 1.04 0.00	57.04 1.45 0.00	71.06 1.94 0.00	95.13 2.68 0.00	83.86 2.44 0.00	73.76 2.22 0.00	66.40 2.06 0.00	58.18 1.47 0.00	54.02 1.32 0.00	49.35 1.25 0.00
ETNA____115KV_TB2 80207	44.46 1.13 0.00	42.46 1.08 0.00	42.34 1.07 0.00	42.19 1.03 0.00	43.22 1.14 0.00	45.13 1.23 0.00	62.48 1.88 0.00	78.89 2.37 0.00	57.05 1.55 0.00	51.47 1.35 0.00	47.24 1.15 0.00	45.66 0.98 0.00	44.91 0.88 0.00	47.12 1.10 0.00	48.46 1.04 0.00	57.04 1.45 0.00	71.06 1.94 0.00	95.13 2.68 0.00	83.86 2.44 0.00	73.76 2.22 0.00	66.40 2.06 0.00	58.18 1.47 0.00	54.02 1.32 0.00	49.35 1.25 0.00
EUCLID__115KV_TB2 356179	42.90 -0.43 0.00	40.97 -0.41 0.00	40.85 -0.41 0.00	40.67 -0.49 0.00	41.66 -0.42 0.00	43.42 -0.48 0.00	59.82 -0.79 0.00	75.60 -0.92 0.00	54.89 -0.61 0.00	49.61 -0.50 0.00	45.68 -0.41 0.00	44.23 -0.45 0.00	43.55 -0.48 0.00	45.60 -0.41 0.00	46.90 -0.52 0.00	54.98 -0.61 0.00	68.29 -0.83 0.00	91.25 -1.20 0.00	80.36 -1.06 0.00	70.61 -0.93 0.00	63.50 -0.84 0.00	55.80 -0.91 0.00	51.86 -0.84 0.00	47.42 -0.67 0.00
E_CANADA_CAP_HY 24051	44.37 1.04 0.00	42.38 0.99 0.00	42.30 1.03 0.00	42.23 1.07 0.00	43.14 1.05 0.00	45.22 1.32 0.00	63.88 3.27 0.00	80.34 3.82 0.00	56.50 1.00 0.00	50.47 0.35 0.00	46.05 -0.05 0.00	44.63 -0.04 0.00	43.90 -0.13 0.00	46.15 0.14 0.00	47.94 0.52 0.00	57.26 1.67 0.00	72.44 3.32 0.00	97.72 5.27 0.00	84.02 2.60 0.00	73.69 2.14 0.00	66.20 1.87 0.00	58.35 1.65 0.00	53.96 1.26 0.00	49.15 1.06 0.00
E_CANADA_MHWK_HY 24050	45.37 2.04 0.00	43.33 1.95 0.00	43.25 1.98 0.00	43.14 1.98 0.00	44.15 2.06 0.00	46.14 2.24 0.00	63.57 2.97 0.00	80.49 3.98 0.00	58.22 2.72 0.00	52.57 2.45 0.00	48.49 2.40 0.00	46.95 2.28 0.00	46.28 2.24 0.00	48.36 2.35 0.00	49.93 2.51 0.00	58.59 3.00 0.00	73.06 3.94 0.00	97.81 5.36 0.00	86.22 4.80 0.00	75.84 4.29 0.00	68.20 3.86 0.00	60.34 3.63 0.00	55.97 3.27 0.00	51.18 3.08 0.00
E_FISHKILL__LBMP 23776	45.24 1.91 0.00	43.12 1.74 0.00	42.96 1.69 0.00	42.85 1.69 0.00	43.68 1.60 0.00	45.61 1.71 0.00	63.33 2.73 0.00	79.73 3.21 0.00	57.72 2.22 0.00	52.27 2.15 0.00	48.21 2.12 0.00	46.77 2.10 0.00	46.19 2.16 0.00	48.04 2.02 0.00	49.60 2.18 0.00	57.81 2.22 0.00	71.75 2.63 0.00	96.24 3.79 0.00	84.59 3.18 0.00	74.19 2.65 0.00	66.52 2.19 0.00	58.81 2.10 0.00	54.60 1.90 0.00	49.73 1.64 0.00
FALCON__SEABRD_CC1 323796	42.08 -1.26 0.00	40.23 -1.16 0.00	40.03 -1.24 0.00	40.09 -1.07 0.00	41.07 -1.01 0.00	43.07 -0.84 0.00	58.73 -1.88 0.00	74.06 -2.45 0.00	53.72 -1.78 0.00	48.96 -1.15 0.00	44.94 -1.15 0.00	43.69 -0.98 0.00	43.02 -1.01 0.00	45.00 -1.01 0.00	46.47 -0.95 0.00	54.20 -1.39 0.00	67.67 -1.45 0.00	90.79 -1.66 0.00	79.95 -1.46 0.00	70.40 -1.15 0.00	63.50 -0.84 0.00	55.97 -0.74 0.00	52.70 0.00 0.00	48.58 0.48 0.00
FALCON__SEABRD_CC2 323797	42.08 -1.26 0.00	40.23 -1.16 0.00	40.03 -1.24 0.00	40.09 -1.07 0.00	41.07 -1.01 0.00	43.07 -0.84 0.00	58.73 -1.88 0.00	74.06 -2.45 0.00	53.72 -1.78 0.00	48.96 -1.15 0.00	44.94 -1.15 0.00	43.69 -0.98 0.00	43.02 -1.01 0.00	45.00 -1.01 0.00	46.47 -0.95 0.00	54.20 -1.39 0.00	67.67 -1.45 0.00	90.79 -1.66 0.00	79.95 -1.46 0.00	70.40 -1.15 0.00	63.50 -0.84 0.00	55.97 -0.74 0.00	52.70 0.00 0.00	48.58 0.48 0.00

FAR ROCKAWAY___4 23548	47.38 4.03 -0.01	45.12 3.72 -0.01	44.73 3.47 0.00	44.54 3.38 0.00	45.62 3.54 0.00	47.68 3.78 0.00	65.15 4.55 0.00	81.41 4.90 0.00	60.11 4.61 0.00	54.52 4.41 0.00	50.47 4.38 0.00	48.78 4.11 0.00	48.40 4.36 -0.01	50.40 4.37 -0.01	57.79 4.27 -6.10	60.67 4.61 -0.47	75.35 6.22 -0.01	101.07 8.60 -0.01	88.91 7.49 -0.01	77.93 6.37 -0.01	69.81 5.47 -0.01	61.65 4.93 -0.01	57.34 4.11 -0.53	52.10 3.99 -0.01
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	45.85 2.51 0.00	43.62 2.23 0.00	43.41 2.15 0.00	43.30 2.14 0.00	44.15 2.06 0.00	46.18 2.28 0.00	64.30 3.70 0.00	80.95 4.44 0.00	58.66 3.16 0.00	53.27 3.16 0.00	49.13 3.04 0.00	47.68 2.99 -0.02	47.23 3.04 -0.16	49.00 2.99 0.00	50.56 3.13 -0.02	58.81 3.22 0.00	72.71 3.59 0.00	97.63 5.18 0.00	85.81 4.40 0.00	75.19 3.65 0.00	67.36 3.02 0.00	59.60 2.89 0.00	55.39 2.69 0.00	50.41 2.31 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	45.85 2.51 0.00	43.66 2.28 0.00	43.45 2.19 0.00	43.30 2.14 0.00	44.15 2.06 0.00	46.18 2.28 0.00	64.36 3.76 0.00	80.95 4.44 0.00	58.66 3.16 0.00	53.27 3.16 0.00	49.13 3.04 0.00	47.68 2.99 -0.02	47.27 3.08 -0.16	49.00 2.99 0.00	50.56 3.13 -0.02	58.81 3.22 0.00	72.78 3.66 0.00	97.63 5.18 0.00	85.81 4.40 0.00	75.19 3.65 0.00	67.36 3.02 0.00	59.60 2.89 0.00	55.39 2.69 0.00	50.45 2.36 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	45.80 2.47 0.00	43.62 2.23 0.00	43.41 2.15 0.00	43.30 2.14 0.00	44.15 2.06 0.00	46.18 2.28 0.00	64.30 3.70 0.00	80.88 4.36 0.00	58.66 3.16 0.00	53.27 3.16 0.00	49.13 3.04 0.00	47.68 2.99 -0.02	47.23 3.04 -0.16	48.96 2.94 0.00	50.56 3.13 -0.02	58.81 3.22 0.00	72.71 3.59 0.00	97.54 5.08 0.00	85.81 4.40 0.00	75.19 3.65 0.00	67.30 2.96 0.00	59.60 2.89 0.00	55.33 2.63 0.00	50.41 2.31 0.00
FARRAGUT___LBMP 323566	45.80 2.47 0.00	43.58 2.19 0.00	43.37 2.10 0.00	43.26 2.10 0.00	44.10 2.02 0.00	46.14 2.24 0.00	64.24 3.64 0.00	80.80 4.28 0.00	58.61 3.11 0.00	53.22 3.11 0.00	49.09 3.00 0.00	47.64 2.95 -0.02	47.18 2.99 -0.16	48.91 2.90 0.00	50.52 3.08 -0.02	58.76 3.17 0.00	72.65 3.53 0.00	97.54 5.08 0.00	85.73 4.32 0.00	75.12 3.58 0.00	67.23 2.90 0.00	59.54 2.84 0.00	55.33 2.63 0.00	50.36 2.26 0.00
FENNER___WINDPWR 24204	44.29 0.95 0.00	42.34 0.95 0.00	42.22 0.95 0.00	42.07 0.90 0.00	43.14 1.05 0.00	45.09 1.19 0.00	62.42 1.82 0.00	79.04 2.52 0.00	57.16 1.66 0.00	51.51 1.40 0.00	47.34 1.24 0.00	45.79 1.12 0.00	45.09 1.06 0.00	47.16 1.15 0.00	48.65 1.23 0.00	57.14 1.55 0.00	71.13 2.01 0.00	95.50 3.05 0.00	83.94 2.53 0.00	73.76 2.22 0.00	66.33 2.00 0.00	58.29 1.59 0.00	53.91 1.21 0.00	49.25 1.15 0.00
FIBERTEK___ENERGY 23856	43.42 0.09 0.00	41.47 0.08 0.00	41.31 0.04 0.00	41.16 0.00 0.00	42.13 0.04 0.00	43.99 0.09 0.00	60.73 0.12 0.00	76.67 0.15 0.00	55.67 0.17 0.00	50.26 0.15 0.00	46.23 0.14 0.00	44.76 0.09 0.00	44.08 0.04 0.00	46.15 0.14 0.00	47.47 0.05 0.00	55.70 0.11 0.00	69.26 0.14 0.00	92.55 0.09 0.00	81.50 0.08 0.00	71.62 0.07 0.00	64.40 0.06 0.00	56.54 -0.17 0.00	52.54 -0.16 0.00	47.95 -0.14 0.00
FITZPATRICK___ 23598	42.21 -1.13 0.00	40.27 -1.12 0.00	40.16 -1.11 0.00	40.01 -1.15 0.00	40.95 -1.13 0.00	42.72 -1.18 0.00	58.85 -1.76 0.00	74.37 -2.14 0.00	54.00 -1.50 0.00	48.76 -1.35 0.00	44.89 -1.20 0.00	43.47 -1.20 0.00	42.89 -1.15 0.00	44.81 -1.20 0.00	46.14 -1.28 0.00	54.09 -1.50 0.00	67.11 -2.01 0.00	89.77 -2.68 0.00	79.14 -2.28 0.00	69.54 -2.00 0.00	62.47 -1.87 0.00	55.06 -1.65 0.00	51.06 -1.63 0.00	46.66 -1.44 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	45.63 2.30 0.00	43.54 2.15 0.00	43.33 2.06 0.00	43.26 2.10 0.00	44.10 2.02 0.00	46.05 2.15 0.00	64.18 3.58 0.00	80.72 4.21 0.00	58.33 2.83 0.00	52.72 2.61 0.00	48.53 2.44 0.00	47.04 2.37 0.00	46.45 2.42 0.00	48.31 2.30 0.00	49.88 2.47 0.00	58.31 2.72 0.00	72.44 3.32 0.00	97.35 4.90 0.00	85.57 4.15 0.00	74.91 3.36 0.00	67.17 2.83 0.00	59.43 2.72 0.00	55.12 2.42 0.00	50.21 2.12 0.00
FORT ORANGE___ 23900	43.94 0.61 0.00	42.01 0.62 0.00	41.84 0.58 0.00	41.74 0.58 0.00	42.55 0.46 0.00	44.34 0.44 0.00	61.03 0.43 0.00	76.82 0.31 0.00	55.78 0.28 0.00	50.21 0.10 0.00	46.37 0.28 0.00	44.90 0.22 0.00	44.25 0.22 0.00	46.29 0.28 0.00	47.70 0.29 0.00	55.93 0.34 0.00	69.81 0.69 0.00	92.83 0.37 0.00	81.74 0.33 0.00	71.69 0.14 0.00	64.66 0.32 0.00	56.99 0.28 0.00	53.33 0.63 0.00	48.63 0.53 0.00
FORT_DRUM_COGEN 23780	43.38 0.04 0.00	41.55 0.17 0.00	41.39 0.12 0.00	41.24 0.08 0.00	42.42 0.34 0.00	44.56 0.66 0.00	61.82 1.21 0.00	79.58 3.06 0.00	57.05 1.55 0.00	51.11 1.00 0.00	46.83 0.74 0.00	45.25 0.58 0.00	44.47 0.44 0.00	46.52 0.51 0.00	48.08 0.66 0.00	56.31 0.72 0.00	70.02 0.90 0.00	95.32 2.87 0.00	84.10 2.69 0.00	73.91 2.36 0.00	66.72 2.38 0.00	58.46 1.76 0.00	53.86 1.16 0.00	49.20 1.11 0.00
FOX_HILLS___ESR 323835	46.29 2.95 -0.01	44.08 2.69 0.00	43.78 2.52 0.00	43.63 2.47 0.00	44.48 2.40 0.00	46.45 2.55 0.00	64.06 3.45 0.00	80.26 3.75 0.00	58.28 3.26 0.00	53.37 3.13 0.00	49.23 3.13 -0.02	47.82 3.13 -0.16	47.41 3.21 0.00	49.09 3.08 0.00	50.71 3.27 -0.02	58.37 2.78 0.00	72.16 3.04 0.00	96.80 4.35 0.00	85.24 3.83 0.00	74.69 3.15 0.00	66.97 2.64 0.00	59.37 2.67 0.00	55.81 3.11 0.00	50.90 2.79 -0.01
FPL_FAR_ROCK_GT1 24212	47.38 4.03 -0.01	45.12 3.73 -0.01	44.73 3.47 0.00	44.54 3.38 0.00	45.62 3.54 0.00	47.68 3.78 0.00	65.63 5.03 0.00	81.56 5.05 0.00	60.44 4.94 0.00	54.62 4.51 0.00	50.56 4.47 0.00	48.83 4.16 0.00	48.36 4.32 -0.01	50.49 4.46 -0.01	57.79 4.27 -6.10	60.84 4.78 -0.47	75.42 6.29 -0.01	101.16 8.69 -0.01	89.08 7.65 -0.01	78.00 6.44 -0.01	70.01 5.66 -0.01	61.71 4.99 -0.01	57.34 4.11 -0.53	52.10 3.99 -0.01
FPL_FAR_ROCK_GT2 23815	47.38 4.03 -0.01	45.12 3.73 -0.01	44.73 3.47 0.00	44.54 3.38 0.00	45.62 3.54 0.00	47.68 3.78 0.00	65.63 5.03 0.00	81.56 5.05 0.00	60.44 4.94 0.00	54.62 4.51 0.00	50.56 4.47 0.00	48.83 4.16 0.00	48.36 4.32 -0.01	50.49 4.46 -0.01	57.79 4.27 -6.10	60.84 4.78 -0.47	75.42 6.29 -0.01	101.16 8.69 -0.01	89.08 7.65 -0.01	78.00 6.44 -0.01	70.01 5.66 -0.01	61.71 4.99 -0.01	57.34 4.11 -0.53	52.10 3.99 -0.01
FRANKLIN_FALL_HYD 24054	42.51 -0.82 0.00	40.64 -0.74 0.00	40.44 -0.83 0.00	40.54 -0.62 0.00	41.58 -0.51 0.00	43.64 -0.26 0.00	60.36 -0.24 0.00	76.97 0.46 0.00	55.83 0.33 0.00	50.16 0.05 0.00	46.00 -0.09 0.00	44.76 0.09 0.00	43.99 -0.04 0.00	45.96 -0.05 0.00	47.47 0.05 0.00	55.87 0.28 0.00	69.74 0.62 0.00	93.56 1.11 0.00	82.39 0.98 0.00	72.62 1.07 0.00	65.56 1.22 0.00	57.95 1.25 0.00	53.91 1.21 0.00	49.06 0.96 0.00

FREEPORT_EQUS_GT1 23764	47.03 3.68 -0.01	44.79 3.39 -0.01	44.40 3.13 0.00	44.21 3.05 0.00	45.28 3.20 0.00	47.28 3.38 0.00	65.09 4.48 0.00	80.87 4.36 0.00	59.99 4.49 0.00	54.17 4.06 0.00	50.15 4.06 0.00	48.47 3.80 0.00	48.00 3.96 -0.01	50.12 4.09 -0.01	57.51 3.93 -6.15	60.46 4.39 -0.47	74.80 5.67 -0.01	100.42 7.95 -0.01	88.34 6.92 -0.01	77.43 5.87 -0.01	69.43 5.08 -0.01	61.25 4.54 -0.01	57.08 3.84 -0.54	51.76 3.65 -0.01
FREEPORT___CT2 23818	47.03 3.68 -0.01	44.79 3.39 -0.01	44.40 3.13 0.00	44.21 3.05 0.00	45.28 3.20 0.00	47.28 3.38 0.00	65.09 4.48 0.00	80.87 4.36 0.00	59.99 4.49 0.00	54.17 4.06 0.00	50.15 4.06 0.00	48.47 3.80 0.00	48.00 3.96 -0.01	50.12 4.09 -0.01	57.51 3.93 -6.15	60.46 4.39 -0.47	74.80 5.67 -0.01	100.42 7.95 -0.01	88.34 6.92 -0.01	77.43 5.87 -0.01	69.43 5.08 -0.01	61.25 4.54 -0.01	57.08 3.84 -0.54	51.76 3.65 -0.01
FRESHKLS_33_KV_LOAD 356253	46.50 3.16 -0.01	44.28 2.90 0.00	43.99 2.72 0.00	43.84 2.68 0.00	44.69 2.61 0.00	46.67 2.77 0.00	64.12 3.52 0.00	80.26 3.75 0.00	58.28 2.78 0.00	53.52 3.41 0.00	49.41 3.32 0.00	47.95 3.26 -0.02	47.54 3.35 -0.16	49.28 3.27 0.00	50.90 3.46 -0.02	58.31 2.72 0.00	72.16 3.04 0.00	96.89 4.44 0.00	85.41 3.99 0.00	74.76 3.22 0.00	67.04 2.70 0.00	59.43 2.72 0.00	56.02 3.32 0.00	51.14 3.03 -0.01
FULTON COGEN____ 23766	42.64 -0.69 0.00	40.72 -0.66 0.00	40.57 -0.70 0.00	40.42 -0.74 0.00	41.41 -0.67 0.00	43.20 -0.70 0.00	59.57 -1.03 0.00	75.21 -1.30 0.00	54.67 -0.83 0.00	49.36 -0.75 0.00	45.40 -0.69 0.00	43.96 -0.71 0.00	43.28 -0.75 0.00	45.32 -0.69 0.00	46.56 -0.85 0.00	54.65 -0.95 0.00	67.88 -1.24 0.00	90.79 -1.66 0.00	80.03 -1.38 0.00	70.33 -1.22 0.00	63.24 -1.09 0.00	55.52 -1.19 0.00	51.59 -1.11 0.00	47.09 -1.01 0.00
FULTON___LFGE 323630	45.15 1.82 0.00	43.12 1.74 0.00	43.00 1.73 0.00	42.97 1.81 0.00	43.85 1.77 0.00	45.97 2.06 0.00	64.60 4.00 0.00	81.26 4.75 0.00	57.22 1.72 0.00	50.96 0.85 0.00	46.42 0.32 0.00	44.90 0.22 0.00	44.25 0.22 0.00	46.52 0.51 0.00	48.42 1.00 0.00	57.87 2.28 0.00	73.13 4.01 0.00	98.46 6.01 0.00	85.41 3.99 0.00	74.91 3.36 0.00	67.36 3.02 0.00	59.26 2.55 0.00	54.86 2.16 0.00	49.97 1.87 0.00
G.F.CEMENT___DRP 24184	46.24 2.90 0.00	44.16 2.77 0.00	44.03 2.76 0.00	43.96 2.80 0.00	44.78 2.69 0.00	46.80 2.90 0.00	64.91 4.30 0.00	81.87 5.36 0.00	58.89 3.39 0.00	52.87 2.76 0.00	48.30 2.21 0.00	46.73 2.05 0.00	46.06 2.03 0.00	48.04 2.02 0.00	49.65 2.23 0.00	58.59 3.00 0.00	73.48 4.35 0.00	98.37 5.92 0.00	86.55 5.13 0.00	75.77 4.22 0.00	68.33 3.99 0.00	60.05 3.35 0.00	55.81 3.11 0.00	50.89 2.79 0.00
GARDENVILLE___LBMP 24039	43.33 0.00 0.00	41.55 0.17 0.00	41.47 0.21 0.00	41.24 0.08 0.00	42.38 0.29 0.00	43.55 -0.35 0.00	58.85 -1.76 0.00	74.60 -1.91 0.00	54.22 -1.28 0.00	49.91 -0.20 0.00	46.32 0.23 0.00	44.41 -0.27 0.00	43.37 -0.66 0.00	46.38 0.37 0.00	46.75 -0.66 0.00	54.48 -1.11 0.00	67.88 -1.24 0.00	89.96 -2.50 0.00	79.63 -1.79 0.00	70.47 -1.07 0.00	63.89 -0.45 0.00	55.86 -0.85 0.00	52.43 -0.26 0.00	48.43 0.34 0.00
GARDNVLA_35_KV_LD 355827	43.59 0.26 0.00	41.84 0.46 0.00	41.72 0.45 0.00	41.49 0.33 0.00	42.59 0.51 0.00	43.77 -0.13 0.00	59.21 -1.39 0.00	75.06 -1.45 0.00	54.61 -0.89 0.00	50.26 0.15 0.00	46.69 0.60 0.00	44.72 0.04 0.00	43.72 -0.31 0.00	46.75 0.74 0.00	47.13 -0.28 0.00	54.92 -0.67 0.00	68.43 -0.69 0.00	90.60 -1.85 0.00	80.20 -1.22 0.00	70.97 -0.57 0.00	64.27 -0.06 0.00	56.20 -0.51 0.00	52.75 0.05 0.00	48.72 0.63 0.00
GELCKHM___115KV_LOAD 80723	43.12 -0.22 0.00	41.14 -0.25 0.00	41.02 -0.25 0.00	40.83 -0.33 0.00	41.83 -0.25 0.00	43.64 -0.26 0.00	60.18 -0.42 0.00	75.98 -0.54 0.00	55.17 -0.33 0.00	49.86 -0.25 0.00	45.91 -0.18 0.00	44.45 -0.22 0.00	43.77 -0.26 0.00	45.83 -0.18 0.00	47.09 -0.33 0.00	55.26 -0.33 0.00	68.64 -0.48 0.00	91.71 -0.74 0.00	80.85 -0.57 0.00	70.97 -0.57 0.00	63.89 -0.45 0.00	56.08 -0.62 0.00	52.12 -0.58 0.00	47.62 -0.48 0.00
GENERAL___MILLS 23808	43.46 0.13 0.00	41.72 0.33 0.00	41.64 0.37 0.00	41.37 0.21 0.00	42.51 0.42 0.00	43.64 -0.26 0.00	58.97 -1.64 0.00	74.76 -1.76 0.00	54.39 -1.11 0.00	50.06 -0.05 0.00	46.51 0.41 0.00	44.54 -0.13 0.00	43.50 -0.53 0.00	46.56 0.55 0.00	46.90 -0.52 0.00	54.65 -0.95 0.00	68.08 -1.04 0.00	90.14 -2.31 0.00	79.79 -1.63 0.00	70.61 -0.93 0.00	64.02 -0.32 0.00	55.97 -0.74 0.00	52.54 -0.16 0.00	48.53 0.43 0.00
GE_PLASTICS___DRP 24183	44.03 0.69 0.00	42.09 0.70 0.00	41.97 0.70 0.00	41.86 0.70 0.00	42.67 0.59 0.00	44.47 0.57 0.00	61.27 0.67 0.00	77.05 0.54 0.00	55.94 0.44 0.00	50.46 0.35 0.00	46.51 0.41 0.00	45.08 0.40 0.00	44.47 0.44 0.00	46.43 0.41 0.00	47.89 0.47 0.00	56.15 0.56 0.00	69.67 0.55 0.00	93.10 0.65 0.00	81.91 0.49 0.00	71.97 0.43 0.00	64.72 0.39 0.00	57.22 0.51 0.00	53.33 0.63 0.00	48.67 0.58 0.00
GILBOA___1 23756	44.37 1.04 0.00	42.34 0.95 0.00	42.38 1.11 0.00	42.27 1.11 0.00	43.14 1.05 0.00	44.83 0.92 0.00	62.06 1.45 0.00	78.12 1.61 0.00	56.67 1.17 0.00	51.17 1.05 0.00	47.10 1.01 0.00	45.61 0.94 0.00	44.96 0.93 0.00	46.98 0.97 0.00	48.42 1.00 0.00	56.76 1.17 0.00	70.50 1.38 0.00	93.93 1.47 0.00	82.72 1.30 0.00	72.76 1.22 0.00	65.56 1.22 0.00	57.73 1.02 0.00	53.70 1.00 0.00	48.91 0.82 0.00
GILBOA___2 23757	44.37 1.04 0.00	42.34 0.95 0.00	42.38 1.11 0.00	42.27 1.11 0.00	43.14 1.05 0.00	44.83 0.92 0.00	62.06 1.45 0.00	78.12 1.61 0.00	56.67 1.17 0.00	51.17 1.05 0.00	47.10 1.01 0.00	45.61 0.94 0.00	44.96 0.93 0.00	46.98 0.97 0.00	48.42 1.00 0.00	56.76 1.17 0.00	70.50 1.38 0.00	93.93 1.47 0.00	82.72 1.30 0.00	72.76 1.22 0.00	65.56 1.22 0.00	57.73 1.02 0.00	53.70 1.00 0.00	48.91 0.82 0.00
GILBOA___3 23758	44.37 1.04 0.00	42.34 0.95 0.00	42.38 1.11 0.00	42.27 1.11 0.00	43.14 1.05 0.00	44.83 0.92 0.00	62.06 1.45 0.00	78.12 1.61 0.00	56.67 1.17 0.00	51.17 1.05 0.00	47.10 1.01 0.00	45.61 0.94 0.00	44.96 0.93 0.00	46.98 0.97 0.00	48.42 1.00 0.00	56.76 1.17 0.00	70.50 1.38 0.00	93.93 1.47 0.00	82.72 1.30 0.00	72.76 1.22 0.00	65.56 1.22 0.00	57.73 1.02 0.00	53.70 1.00 0.00	48.91 0.82 0.00
GILBOA___4 23759	44.37 1.04 0.00	42.34 0.95 0.00	42.38 1.11 0.00	42.27 1.11 0.00	43.14 1.05 0.00	44.83 0.92 0.00	62.06 1.45 0.00	78.12 1.61 0.00	56.67 1.17 0.00	51.17 1.05 0.00	47.10 1.01 0.00	45.61 0.94 0.00	44.96 0.93 0.00	46.98 0.97 0.00	48.42 1.00 0.00	56.76 1.17 0.00	70.50 1.38 0.00	93.93 1.47 0.00	82.72 1.30 0.00	72.76 1.22 0.00	65.56 1.22 0.00	57.73 1.02 0.00	53.70 1.00 0.00	48.91 0.82 0.00

GILBOA____ 23599	44.37 1.04 0.00	42.34 0.95 0.00	42.38 1.11 0.00	42.27 1.11 0.00	43.14 1.05 0.00	44.82 0.92 0.00	62.00 1.39 0.00	78.05 1.53 0.00	56.61 1.11 0.00	51.11 1.00 0.00	47.06 0.97 0.00	45.61 0.94 0.00	45.00 0.97 0.00	46.93 0.92 0.00	48.41 1.00 0.00	56.65 1.06 0.00	70.30 1.18 0.00	93.84 1.39 0.00	82.64 1.22 0.00	72.69 1.14 0.00	65.43 1.09 0.00	57.73 1.02 0.00	53.65 0.95 0.00	48.92 0.82 0.00
GINNA____ 23603	41.38 -1.95 0.00	39.52 -1.86 0.00	39.37 -1.90 0.00	39.19 -1.97 0.00	40.28 -1.81 0.00	41.80 -2.11 0.00	57.21 -3.39 0.00	72.92 -3.59 0.00	52.95 -2.55 0.00	48.06 -2.06 0.00	44.29 -1.80 0.00	42.93 -1.74 0.00	42.49 -1.54 0.00	44.36 -1.65 0.00	45.47 -1.95 0.00	53.09 -2.50 0.00	65.74 -3.39 0.00	88.20 -4.25 0.00	77.35 -4.07 0.00	68.25 -3.29 0.00	61.31 -3.02 0.00	54.33 -2.38 0.00	50.06 -2.63 0.00	45.93 -2.16 0.00
GLEN PARK____ 23778	43.51 0.17 0.00	41.68 0.29 0.00	41.56 0.29 0.00	41.37 0.21 0.00	42.59 0.51 0.00	44.73 0.83 0.00	62.06 1.45 0.00	80.19 3.67 0.00	57.33 1.83 0.00	51.41 1.30 0.00	47.01 0.92 0.00	45.48 0.80 0.00	44.69 0.66 0.00	46.70 0.69 0.00	48.32 0.90 0.00	56.48 0.89 0.00	70.29 1.17 0.00	95.88 3.42 0.00	84.51 3.09 0.00	74.33 2.79 0.00	66.98 2.64 0.00	58.75 2.04 0.00	54.02 1.32 0.00	49.35 1.25 0.00
GLENDALE_27_KV_LOAD 356172	46.06 2.73 0.00	43.83 2.44 0.00	43.58 2.31 0.00	43.47 2.31 0.00	44.32 2.23 0.00	46.32 2.41 0.00	64.42 3.82 0.00	80.80 4.28 0.00	58.78 3.27 0.00	53.42 3.31 0.00	49.32 3.23 0.00	47.86 3.17 -0.02	47.41 3.21 -0.16	49.14 3.13 0.00	50.71 3.27 -0.02	58.93 3.34 0.00	72.71 3.59 0.00	97.54 5.08 0.00	85.81 4.40 0.00	75.12 3.58 0.00	67.36 3.02 0.00	59.66 2.95 0.00	55.65 2.95 0.00	50.60 2.50 0.00
GLENWOOD_IC_1_G5 23712	46.38 3.03 -0.01	44.16 2.77 -0.01	43.87 2.60 0.00	43.71 2.55 0.00	44.69 2.61 0.00	46.67 2.77 0.00	64.36 3.76 0.00	80.72 4.21 0.00	59.05 3.55 0.00	53.57 3.46 0.00	49.50 3.41 0.00	47.93 3.26 0.00	47.47 3.43 -0.01	49.43 3.40 -0.01	55.86 3.41 -5.03	59.65 3.67 -0.39	73.69 4.56 -0.01	98.84 6.38 -0.01	86.96 5.54 -0.01	76.21 4.65 -0.01	68.27 3.92 -0.01	60.34 3.63 -0.01	56.25 3.11 -0.44	50.99 2.89 -0.01
GLENWOOD_IC_2_G1 23688	45.98 2.64 0.00	43.79 2.40 0.00	43.54 2.27 0.00	43.42 2.26 0.00	44.31 2.23 0.00	46.32 2.41 0.00	64.30 3.70 0.00	80.64 4.13 0.00	58.83 3.33 0.00	53.27 3.16 0.00	49.18 3.09 0.00	47.62 2.95 0.00	46.98 2.95 0.00	49.05 3.04 0.00	50.46 3.04 0.00	58.93 3.34 0.00	73.06 3.94 0.00	98.00 5.55 0.00	86.22 4.80 0.00	75.55 4.00 0.00	67.81 3.47 0.00	59.77 3.06 0.00	55.49 2.79 0.00	50.55 2.45 0.00
GLENWOOD_IC_3_G1 23689	45.98 2.64 0.00	43.79 2.40 0.00	43.54 2.27 0.00	43.42 2.26 0.00	44.31 2.23 0.00	46.32 2.41 0.00	64.30 3.70 0.00	80.64 4.13 0.00	58.83 3.33 0.00	53.27 3.16 0.00	49.18 3.09 0.00	47.62 2.95 0.00	46.98 2.95 0.00	49.05 3.04 0.00	50.46 3.04 0.00	58.93 3.34 0.00	73.06 3.94 0.00	98.00 5.55 0.00	86.22 4.80 0.00	75.55 4.00 0.00	67.81 3.47 0.00	59.77 3.06 0.00	55.49 2.79 0.00	50.55 2.45 0.00
GLENWOOD____4 23550	46.38 3.03 -0.01	44.16 2.77 -0.01	43.87 2.60 0.00	43.71 2.55 0.00	44.69 2.61 0.00	46.67 2.77 0.00	64.36 3.76 0.00	80.72 4.21 0.00	59.05 3.55 0.00	53.57 3.46 0.00	49.50 3.41 0.00	47.93 3.26 0.00	47.47 3.43 -0.01	49.43 3.40 -0.01	55.86 3.41 -5.03	59.65 3.67 -0.39	73.69 4.56 -0.01	98.84 6.38 -0.01	86.96 5.54 -0.01	76.21 4.65 -0.01	68.27 3.92 -0.01	60.34 3.63 -0.01	56.25 3.11 -0.44	50.99 2.89 -0.01
GLENWOOD____5 23614	46.38 3.03 -0.01	44.16 2.77 -0.01	43.87 2.60 0.00	43.71 2.55 0.00	44.69 2.61 0.00	46.67 2.77 0.00	64.36 3.76 0.00	80.72 4.21 0.00	59.05 3.55 0.00	53.57 3.46 0.00	49.50 3.41 0.00	47.93 3.26 0.00	47.47 3.43 -0.01	49.43 3.40 -0.01	55.86 3.41 -5.03	59.65 3.67 -0.39	73.69 4.56 -0.01	98.84 6.38 -0.01	86.96 5.54 -0.01	76.21 4.65 -0.01	68.27 3.92 -0.01	60.34 3.63 -0.01	56.25 3.11 -0.44	50.99 2.89 -0.01
GLOBAL GREEN_PORT_GT1 23814	49.29 5.94 -0.02	46.73 5.34 -0.01	46.26 4.99 0.00	46.06 4.90 0.00	47.26 5.17 0.00	49.39 5.49 0.00	68.12 7.51 0.00	84.09 7.58 0.00	62.71 7.21 0.00	56.38 6.26 0.00	52.18 6.08 0.00	50.21 5.54 0.00	49.85 5.81 -0.01	52.28 6.26 -0.02	60.75 6.50 -6.84	64.99 7.50 -1.90	78.84 9.68 -0.05	106.10 13.60 -0.05	93.27 11.80 -0.05	85.63 10.30 -3.78	73.13 8.75 -0.05	66.64 7.77 -2.16	60.03 6.69 -0.64	54.27 6.16 -0.02
GLOBE____DSASP 323697	42.81 -0.52 0.00	41.01 -0.37 0.00	40.61 -0.66 0.00	40.63 -0.54 0.00	41.71 -0.38 0.00	42.41 -1.49 0.00	56.85 -3.76 0.00	71.92 -4.59 0.00	52.56 -2.94 0.00	48.61 -1.50 0.00	45.08 -1.01 0.00	43.24 -1.43 0.00	42.14 -1.89 0.00	45.04 -0.97 0.00	45.43 -1.99 0.00	52.92 -2.67 0.00	65.66 -3.46 0.00	86.63 -5.82 0.00	76.70 -4.72 0.00	67.97 -3.58 0.00	61.76 -2.57 0.00	53.99 -2.72 0.00	50.75 -1.95 0.00	46.99 -1.11 0.00
GOETHSLN____LBMP 323567	45.59 2.25 0.00	43.41 2.03 0.00	43.17 1.90 0.00	43.05 1.89 0.00	43.89 1.81 0.00	45.97 2.06 0.00	64.06 3.45 0.00	80.49 3.98 0.00	58.39 2.89 0.00	52.97 2.86 0.00	48.90 2.81 0.00	47.46 2.77 -0.02	47.01 2.82 -0.16	48.73 2.71 0.00	50.28 2.85 -0.02	58.48 2.89 0.00	72.30 3.18 0.00	97.08 4.62 0.00	85.33 3.91 0.00	74.76 3.22 0.00	66.97 2.64 0.00	59.26 2.55 0.00	55.07 2.37 0.00	50.17 2.07 0.00
GOLAH____69_KV_TB 1_2 80279	43.72 0.39 0.00	41.80 0.41 0.00	41.68 0.41 0.00	41.45 0.29 0.00	42.63 0.55 0.00	44.08 0.18 0.00	59.88 -0.73 0.00	75.98 -0.54 0.00	55.22 -0.28 0.00	50.46 0.35 0.00	46.60 0.51 0.00	44.94 0.27 0.00	43.99 -0.04 0.00	46.56 0.55 0.00	47.32 -0.09 0.00	55.26 -0.33 0.00	68.64 -0.48 0.00	91.44 -1.02 0.00	80.68 -0.73 0.00	71.26 -0.29 0.00	64.40 0.06 0.00	56.37 -0.34 0.00	52.75 0.05 0.00	48.58 0.48 0.00
GOODYEAR_LAKE_HYD 323669	44.72 1.39 0.00	42.71 1.32 0.00	42.63 1.36 0.00	42.52 1.36 0.00	43.52 1.43 0.00	45.44 1.54 0.00	66.06 5.45 0.00	83.48 6.96 0.00	59.50 4.00 0.00	53.72 3.61 0.00	49.27 3.18 0.00	47.62 2.95 0.00	46.72 2.69 0.00	49.05 3.04 0.00	50.64 3.22 0.00	60.43 4.84 0.00	75.89 6.77 0.00	102.44 9.99 0.00	84.67 3.26 0.00	74.33 2.79 0.00	66.72 2.38 0.00	58.69 1.98 0.00	54.28 1.58 0.00	49.59 1.49 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	44.24 0.91 0.00	42.26 0.87 0.00	42.13 0.87 0.00	41.98 0.82 0.00	43.01 0.93 0.00	44.82 0.92 0.00	61.94 1.33 0.00	78.20 1.68 0.00	56.61 1.11 0.00	51.21 1.10 0.00	47.15 1.06 0.00	45.57 0.89 0.00	44.87 0.84 0.00	47.02 1.01 0.00	48.32 0.90 0.00	56.70 1.11 0.00	70.57 1.45 0.00	94.40 1.94 0.00	82.88 1.47 0.00	72.90 1.36 0.00	65.62 1.29 0.00	57.67 0.96 0.00	53.59 0.90 0.00	48.96 0.87 0.00

GOUDEY___7 23579	44.24 0.91 0.00	42.26 0.87 0.00	42.13 0.87 0.00	41.98 0.82 0.00	43.01 0.93 0.00	44.82 0.92 0.00	61.94 1.33 0.00	78.20 1.68 0.00	56.61 1.11 0.00	51.21 1.10 0.00	47.15 1.06 0.00	45.57 0.89 0.00	44.87 0.84 0.00	47.02 1.01 0.00	48.32 0.90 0.00	56.70 1.11 0.00	70.57 1.45 0.00	94.40 1.94 0.00	82.88 1.47 0.00	72.90 1.36 0.00	65.62 1.29 0.00	57.67 0.96 0.00	53.59 0.90 0.00	48.96 0.87 0.00
GOUDEY___8 23580	44.24 0.91 0.00	42.26 0.87 0.00	42.13 0.87 0.00	41.98 0.82 0.00	43.01 0.93 0.00	44.82 0.92 0.00	61.94 1.33 0.00	78.20 1.68 0.00	56.61 1.11 0.00	51.21 1.10 0.00	47.15 1.06 0.00	45.57 0.89 0.00	44.87 0.84 0.00	47.02 1.01 0.00	48.32 0.90 0.00	56.70 1.11 0.00	70.57 1.45 0.00	94.40 1.94 0.00	82.88 1.47 0.00	72.90 1.36 0.00	65.62 1.29 0.00	57.67 0.96 0.00	53.59 0.90 0.00	48.96 0.87 0.00
GOWANUS_GT1_1 24077	46.20 2.86 -0.01	43.99 2.61 0.00	43.74 2.48 0.00	43.59 2.43 0.00	44.40 2.31 0.00	46.36 2.46 0.00	64.24 3.64 0.00	80.49 3.98 0.00	58.44 2.94 0.00	53.37 3.26 0.00	49.27 3.18 0.00	47.82 3.13 -0.02	47.41 3.21 -0.16	49.09 3.08 0.00	50.71 3.27 -0.02	58.59 3.00 0.00	72.37 3.25 0.00	97.08 4.62 0.00	85.41 3.99 0.00	74.84 3.29 0.00	67.10 2.77 0.00	59.49 2.78 0.00	55.75 3.06 0.00	50.75 2.65 -0.01
GOWANUS_GT1_2 24078	46.20 2.86 -0.01	43.99 2.61 0.00	43.74 2.48 0.00	43.59 2.43 0.00	44.40 2.31 0.00	46.36 2.46 0.00	64.24 3.64 0.00	80.49 3.98 0.00	58.44 2.94 0.00	53.37 3.26 0.00	49.27 3.18 0.00	47.82 3.13 -0.02	47.41 3.21 -0.16	49.09 3.08 0.00	50.71 3.27 -0.02	58.59 3.00 0.00	72.37 3.25 0.00	97.08 4.62 0.00	85.41 3.99 0.00	74.84 3.29 0.00	67.10 2.77 0.00	59.49 2.78 0.00	55.75 3.06 0.00	50.75 2.65 -0.01
GOWANUS_GT1_3 24079	46.20 2.86 -0.01	43.99 2.61 0.00	43.74 2.48 0.00	43.59 2.43 0.00	44.40 2.31 0.00	46.36 2.46 0.00	64.24 3.64 0.00	80.49 3.98 0.00	58.44 2.94 0.00	53.37 3.26 0.00	49.27 3.18 0.00	47.82 3.13 -0.02	47.41 3.21 -0.16	49.09 3.08 0.00	50.71 3.27 -0.02	58.59 3.00 0.00	72.37 3.25 0.00	97.08 4.62 0.00	85.41 3.99 0.00	74.84 3.29 0.00	67.10 2.77 0.00	59.49 2.78 0.00	55.75 3.06 0.00	50.75 2.65 -0.01
GOWANUS_GT1_4 24080	46.20 2.86 -0.01	43.99 2.61 0.00	43.74 2.48 0.00	43.59 2.43 0.00	44.40 2.31 0.00	46.36 2.46 0.00	64.24 3.64 0.00	80.49 3.98 0.00	58.44 2.94 0.00	53.37 3.26 0.00	49.27 3.18 0.00	47.82 3.13 -0.02	47.41 3.21 -0.16	49.09 3.08 0.00	50.71 3.27 -0.02	58.59 3.00 0.00	72.37 3.25 0.00	97.08 4.62 0.00	85.41 3.99 0.00	74.84 3.29 0.00	67.10 2.77 0.00	59.49 2.78 0.00	55.75 3.06 0.00	50.75 2.65 -0.01
GOWANUS_GT1_5 24084	46.20 2.86 -0.01	43.99 2.61 0.00	43.74 2.48 0.00	43.59 2.43 0.00	44.40 2.31 0.00	46.36 2.46 0.00	64.24 3.64 0.00	80.49 3.98 0.00	58.44 2.94 0.00	53.37 3.26 0.00	49.27 3.18 0.00	47.82 3.13 -0.02	47.41 3.21 -0.16	49.09 3.08 0.00	50.71 3.27 -0.02	58.59 3.00 0.00	72.37 3.25 0.00	97.08 4.62 0.00	85.41 3.99 0.00	74.84 3.29 0.00	67.10 2.77 0.00	59.49 2.78 0.00	55.75 3.06 0.00	50.75 2.65 -0.01
GOWANUS_GT1_6 24111	46.20 2.86 -0.01	43.99 2.61 0.00	43.74 2.48 0.00	43.59 2.43 0.00	44.40 2.31 0.00	46.36 2.46 0.00	64.24 3.64 0.00	80.49 3.98 0.00	58.44 2.94 0.00	53.37 3.26 0.00	49.27 3.18 0.00	47.82 3.13 -0.02	47.41 3.21 -0.16	49.09 3.08 0.00	50.71 3.27 -0.02	58.59 3.00 0.00	72.37 3.25 0.00	97.08 4.62 0.00	85.41 3.99 0.00	74.84 3.29 0.00	67.10 2.77 0.00	59.49 2.78 0.00	55.75 3.06 0.00	50.75 2.65 -0.01
GOWANUS_GT1_7 24112	46.20 2.86 -0.01	43.99 2.61 0.00	43.74 2.48 0.00	43.59 2.43 0.00	44.40 2.31 0.00	46.36 2.46 0.00	64.24 3.64 0.00	80.49 3.98 0.00	58.44 2.94 0.00	53.37 3.26 0.00	49.27 3.18 0.00	47.82 3.13 -0.02	47.41 3.21 -0.16	49.09 3.08 0.00	50.71 3.27 -0.02	58.59 3.00 0.00	72.37 3.25 0.00	97.08 4.62 0.00	85.41 3.99 0.00	74.84 3.29 0.00	67.10 2.77 0.00	59.49 2.78 0.00	55.75 3.06 0.00	50.75 2.65 -0.01
GOWANUS_GT1_8 24113	46.20 2.86 -0.01	43.99 2.61 0.00	43.74 2.48 0.00	43.59 2.43 0.00	44.40 2.31 0.00	46.36 2.46 0.00	64.24 3.64 0.00	80.49 3.98 0.00	58.44 2.94 0.00	53.37 3.26 0.00	49.27 3.18 0.00	47.82 3.13 -0.02	47.41 3.21 -0.16	49.09 3.08 0.00	50.71 3.27 -0.02	58.59 3.00 0.00	72.37 3.25 0.00	97.08 4.62 0.00	85.41 3.99 0.00	74.84 3.29 0.00	67.10 2.77 0.00	59.49 2.78 0.00	55.75 3.06 0.00	50.75 2.65 -0.01
GOWANUS_GT2_1 24114	46.20 2.86 -0.01	43.99 2.61 0.00	43.70 2.43 0.00	43.59 2.43 0.00	44.40 2.31 0.00	46.36 2.46 0.00	64.36 3.76 0.00	80.57 4.05 0.00	58.61 3.11 0.00	53.48 3.36 -0.01	49.33 3.23 -0.01	47.86 3.17 -0.02	47.32 3.13 -0.16	49.18 3.17 0.00	50.70 3.27 -0.02	58.87 3.28 0.00	72.37 3.25 0.00	97.17 4.71 0.00	85.57 4.15 0.00	74.91 3.36 0.00	67.36 3.02 0.00	59.48 2.78 0.00	55.86 3.16 0.00	50.75 2.64 -0.01
GOWANUS_GT2_2 24115	46.20 2.86 -0.01	43.99 2.61 0.00	43.70 2.43 0.00	43.59 2.43 0.00	44.40 2.31 0.00	46.36 2.46 0.00	64.36 3.76 0.00	80.57 4.05 0.00	58.61 3.11 0.00	53.48 3.36 -0.01	49.33 3.23 -0.01	47.86 3.17 -0.02	47.32 3.13 -0.16	49.18 3.17 0.00	50.70 3.27 -0.02	58.87 3.28 0.00	72.37 3.25 0.00	97.17 4.71 0.00	85.57 4.15 0.00	74.91 3.36 0.00	67.36 3.02 0.00	59.48 2.78 0.00	55.86 3.16 0.00	50.75 2.64 -0.01
GOWANUS_GT2_3 24116	46.20 2.86 -0.01	43.99 2.61 0.00	43.70 2.43 0.00	43.59 2.43 0.00	44.40 2.31 0.00	46.36 2.46 0.00	64.36 3.76 0.00	80.57 4.05 0.00	58.61 3.11 0.00	53.48 3.36 -0.01	49.33 3.23 -0.01	47.86 3.17 -0.02	47.32 3.13 -0.16	49.18 3.17 0.00	50.70 3.27 -0.02	58.87 3.28 0.00	72.37 3.25 0.00	97.17 4.71 0.00	85.57 4.15 0.00	74.91 3.36 0.00	67.36 3.02 0.00	59.48 2.78 0.00	55.86 3.16 0.00	50.75 2.64 -0.01
GOWANUS_GT2_4 24117	46.20 2.86 -0.01	43.99 2.61 0.00	43.70 2.43 0.00	43.59 2.43 0.00	44.40 2.31 0.00	46.36 2.46 0.00	64.36 3.76 0.00	80.57 4.05 0.00	58.61 3.11 0.00	53.48 3.36 -0.01	49.33 3.23 -0.01	47.86 3.17 -0.02	47.32 3.13 -0.16	49.18 3.17 0.00	50.70 3.27 -0.02	58.87 3.28 0.00	72.37 3.25 0.00	97.17 4.71 0.00	85.57 4.15 0.00	74.91 3.36 0.00	67.36 3.02 0.00	59.48 2.78 0.00	55.86 3.16 0.00	50.75 2.64 -0.01
GOWANUS_GT2_5 24118	46.20 2.86 -0.01	43.99 2.61 0.00	43.70 2.43 0.00	43.59 2.43 0.00	44.40 2.31 0.00	46.36 2.46 0.00	64.36 3.76 0.00	80.57 4.05 0.00	58.61 3.11 0.00	53.48 3.36 -0.01	49.33 3.23 -0.01	47.86 3.17 -0.02	47.32 3.13 -0.16	49.18 3.17 0.00	50.70 3.27 -0.02	58.87 3.28 0.00	72.37 3.25 0.00	97.17 4.71 0.00	85.57 4.15 0.00	74.91 3.36 0.00	67.36 3.02 0.00	59.48 2.78 0.00	55.86 3.16 0.00	50.75 2.64 -0.01

GOWANUS_GT2_6 24119	46.20 2.86 -0.01	43.99 2.61 0.00	43.70 2.43 0.00	43.59 2.43 0.00	44.40 2.31 0.00	46.36 2.46 0.00	64.36 3.76 0.00	80.57 4.05 0.00	58.61 3.11 0.00	53.48 3.36 -0.01	49.33 3.23 -0.01	47.86 3.17 -0.02	47.32 3.13 -0.16	49.18 3.17 0.00	50.70 3.27 -0.02	58.87 3.28 0.00	72.37 3.25 0.00	97.17 4.71 0.00	85.57 4.15 0.00	74.91 3.36 0.00	67.36 3.02 0.00	59.48 2.78 0.00	55.86 3.16 0.00	50.75 2.64 -0.01
GOWANUS_GT2_7 24120	46.20 2.86 -0.01	43.99 2.61 0.00	43.70 2.43 0.00	43.59 2.43 0.00	44.40 2.31 0.00	46.36 2.46 0.00	64.36 3.76 0.00	80.57 4.05 0.00	58.61 3.11 0.00	53.48 3.36 -0.01	49.33 3.23 -0.01	47.86 3.17 -0.02	47.32 3.13 -0.16	49.18 3.17 0.00	50.70 3.27 -0.02	58.87 3.28 0.00	72.37 3.25 0.00	97.17 4.71 0.00	85.57 4.15 0.00	74.91 3.36 0.00	67.36 3.02 0.00	59.48 2.78 0.00	55.86 3.16 0.00	50.75 2.64 -0.01
GOWANUS_GT2_8 24121	46.20 2.86 -0.01	43.99 2.61 0.00	43.70 2.43 0.00	43.59 2.43 0.00	44.40 2.31 0.00	46.36 2.46 0.00	64.36 3.76 0.00	80.57 4.05 0.00	58.61 3.11 0.00	53.48 3.36 -0.01	49.33 3.23 -0.01	47.86 3.17 -0.02	47.32 3.13 -0.16	49.18 3.17 0.00	50.70 3.27 -0.02	58.87 3.28 0.00	72.37 3.25 0.00	97.17 4.71 0.00	85.57 4.15 0.00	74.91 3.36 0.00	67.36 3.02 0.00	59.48 2.78 0.00	55.86 3.16 0.00	50.75 2.64 -0.01
GOWANUS_GT3_1 24122	46.20 2.86 -0.01	43.99 2.61 0.00	43.70 2.43 0.00	43.59 2.43 0.00	44.40 2.31 0.00	46.36 2.46 0.00	64.36 3.76 0.00	80.57 4.05 0.00	58.61 3.11 0.00	53.48 3.36 -0.01	49.33 3.23 -0.01	47.86 3.17 -0.02	47.32 3.13 -0.16	49.18 3.17 0.00	50.70 3.27 -0.02	58.87 3.28 0.00	72.37 3.25 0.00	97.17 4.71 0.00	85.57 4.15 0.00	74.91 3.36 0.00	67.36 3.02 0.00	59.48 2.78 0.00	55.86 3.16 0.00	50.75 2.64 -0.01
GOWANUS_GT3_2 24123	46.20 2.86 -0.01	43.99 2.61 0.00	43.70 2.43 0.00	43.59 2.43 0.00	44.40 2.31 0.00	46.36 2.46 0.00	64.36 3.76 0.00	80.57 4.05 0.00	58.61 3.11 0.00	53.48 3.36 -0.01	49.33 3.23 -0.01	47.86 3.17 -0.02	47.32 3.13 -0.16	49.18 3.17 0.00	50.70 3.27 -0.02	58.87 3.28 0.00	72.37 3.25 0.00	97.17 4.71 0.00	85.57 4.15 0.00	74.91 3.36 0.00	67.36 3.02 0.00	59.48 2.78 0.00	55.86 3.16 0.00	50.75 2.64 -0.01
GOWANUS_GT3_3 24124	46.20 2.86 -0.01	43.99 2.61 0.00	43.70 2.43 0.00	43.59 2.43 0.00	44.40 2.31 0.00	46.36 2.46 0.00	64.36 3.76 0.00	80.57 4.05 0.00	58.61 3.11 0.00	53.48 3.36 -0.01	49.33 3.23 -0.01	47.86 3.17 -0.02	47.32 3.13 -0.16	49.18 3.17 0.00	50.70 3.27 -0.02	58.87 3.28 0.00	72.37 3.25 0.00	97.17 4.71 0.00	85.57 4.15 0.00	74.91 3.36 0.00	67.36 3.02 0.00	59.48 2.78 0.00	55.86 3.16 0.00	50.75 2.64 -0.01
GOWANUS_GT3_4 24125	46.20 2.86 -0.01	43.99 2.61 0.00	43.70 2.43 0.00	43.59 2.43 0.00	44.40 2.31 0.00	46.36 2.46 0.00	64.36 3.76 0.00	80.57 4.05 0.00	58.61 3.11 0.00	53.48 3.36 -0.01	49.33 3.23 -0.01	47.86 3.17 -0.02	47.32 3.13 -0.16	49.18 3.17 0.00	50.70 3.27 -0.02	58.87 3.28 0.00	72.37 3.25 0.00	97.17 4.71 0.00	85.57 4.15 0.00	74.91 3.36 0.00	67.36 3.02 0.00	59.48 2.78 0.00	55.86 3.16 0.00	50.75 2.64 -0.01
GOWANUS_GT3_5 24126	46.20 2.86 -0.01	43.99 2.61 0.00	43.70 2.43 0.00	43.59 2.43 0.00	44.40 2.31 0.00	46.36 2.46 0.00	64.36 3.76 0.00	80.57 4.05 0.00	58.61 3.11 0.00	53.48 3.36 -0.01	49.33 3.23 -0.01	47.86 3.17 -0.02	47.32 3.13 -0.16	49.18 3.17 0.00	50.70 3.27 -0.02	58.87 3.28 0.00	72.37 3.25 0.00	97.17 4.71 0.00	85.57 4.15 0.00	74.91 3.36 0.00	67.36 3.02 0.00	59.48 2.78 0.00	55.86 3.16 0.00	50.75 2.64 -0.01
GOWANUS_GT3_6 24127	46.20 2.86 -0.01	43.99 2.61 0.00	43.70 2.43 0.00	43.59 2.43 0.00	44.40 2.31 0.00	46.36 2.46 0.00	64.36 3.76 0.00	80.57 4.05 0.00	58.61 3.11 0.00	53.48 3.36 -0.01	49.33 3.23 -0.01	47.86 3.17 -0.02	47.32 3.13 -0.16	49.18 3.17 0.00	50.70 3.27 -0.02	58.87 3.28 0.00	72.37 3.25 0.00	97.17 4.71 0.00	85.57 4.15 0.00	74.91 3.36 0.00	67.36 3.02 0.00	59.48 2.78 0.00	55.86 3.16 0.00	50.75 2.64 -0.01
GOWANUS_GT3_7 24128	46.20 2.86 -0.01	43.99 2.61 0.00	43.70 2.43 0.00	43.59 2.43 0.00	44.40 2.31 0.00	46.36 2.46 0.00	64.36 3.76 0.00	80.57 4.05 0.00	58.61 3.11 0.00	53.48 3.36 -0.01	49.33 3.23 -0.01	47.86 3.17 -0.02	47.32 3.13 -0.16	49.18 3.17 0.00	50.70 3.27 -0.02	58.87 3.28 0.00	72.37 3.25 0.00	97.17 4.71 0.00	85.57 4.15 0.00	74.91 3.36 0.00	67.36 3.02 0.00	59.48 2.78 0.00	55.86 3.16 0.00	50.75 2.64 -0.01
GOWANUS_GT3_8 24129	46.20 2.86 -0.01	43.99 2.61 0.00	43.70 2.43 0.00	43.59 2.43 0.00	44.40 2.31 0.00	46.36 2.46 0.00	64.36 3.76 0.00	80.57 4.05 0.00	58.61 3.11 0.00	53.48 3.36 -0.01	49.33 3.23 -0.01	47.86 3.17 -0.02	47.32 3.13 -0.16	49.18 3.17 0.00	50.70 3.27 -0.02	58.87 3.28 0.00	72.37 3.25 0.00	97.17 4.71 0.00	85.57 4.15 0.00	74.91 3.36 0.00	67.36 3.02 0.00	59.48 2.78 0.00	55.86 3.16 0.00	50.75 2.64 -0.01
GOWANUS_GT4_1 24130	46.20 2.86 -0.01	43.99 2.61 0.00	43.74 2.48 0.00	43.59 2.43 0.00	44.40 2.31 0.00	46.36 2.46 0.00	64.24 3.64 0.00	80.49 3.98 0.00	58.44 2.94 0.00	53.37 3.26 0.00	49.27 3.18 0.00	47.82 3.13 -0.02	47.41 3.21 -0.16	49.09 3.08 0.00	50.71 3.27 -0.02	58.59 3.00 0.00	72.37 3.25 0.00	97.08 4.62 0.00	85.41 3.99 0.00	74.84 3.29 0.00	67.10 2.77 0.00	59.49 2.78 0.00	55.75 3.06 0.00	50.75 2.65 -0.01
GOWANUS_GT4_2 24131	46.20 2.86 -0.01	43.99 2.61 0.00	43.74 2.48 0.00	43.59 2.43 0.00	44.40 2.31 0.00	46.36 2.46 0.00	64.24 3.64 0.00	80.49 3.98 0.00	58.44 2.94 0.00	53.37 3.26 0.00	49.27 3.18 0.00	47.82 3.13 -0.02	47.41 3.21 -0.16	49.09 3.08 0.00	50.71 3.27 -0.02	58.59 3.00 0.00	72.37 3.25 0.00	97.08 4.62 0.00	85.41 3.99 0.00	74.84 3.29 0.00	67.10 2.77 0.00	59.49 2.78 0.00	55.75 3.06 0.00	50.75 2.65 -0.01
GOWANUS_GT4_3 24132	46.20 2.86 -0.01	43.99 2.61 0.00	43.74 2.48 0.00	43.59 2.43 0.00	44.40 2.31 0.00	46.36 2.46 0.00	64.24 3.64 0.00	80.49 3.98 0.00	58.44 2.94 0.00	53.37 3.26 0.00	49.27 3.18 0.00	47.82 3.13 -0.02	47.41 3.21 -0.16	49.09 3.08 0.00	50.71 3.27 -0.02	58.59 3.00 0.00	72.37 3.25 0.00	97.08 4.62 0.00	85.41 3.99 0.00	74.84 3.29 0.00	67.10 2.77 0.00	59.49 2.78 0.00	55.75 3.06 0.00	50.75 2.65 -0.01
GOWANUS_GT4_4 24133	46.20 2.86 -0.01	43.99 2.61 0.00	43.74 2.48 0.00	43.59 2.43 0.00	44.40 2.31 0.00	46.36 2.46 0.00	64.24 3.64 0.00	80.49 3.98 0.00	58.44 2.94 0.00	53.37 3.26 0.00	49.27 3.18 0.00	47.82 3.13 -0.02	47.41 3.21 -0.16	49.09 3.08 0.00	50.71 3.27 -0.02	58.59 3.00 0.00	72.37 3.25 0.00	97.08 4.62 0.00	85.41 3.99 0.00	74.84 3.29 0.00	67.10 2.77 0.00	59.49 2.78 0.00	55.75 3.06 0.00	50.75 2.65 -0.01

GOWANUS_GT4_5 24134	46.20 2.86 -0.01	43.99 2.61 0.00	43.74 2.48 0.00	43.59 2.43 0.00	44.40 2.31 0.00	46.36 2.46 0.00	64.24 3.64 0.00	80.49 3.98 0.00	58.44 2.94 0.00	53.37 3.26 0.00	49.27 3.18 0.00	47.82 3.13 -0.02	47.41 3.21 -0.16	49.09 3.08 0.00	50.71 3.27 -0.02	58.59 3.00 0.00	72.37 3.25 0.00	97.08 4.62 0.00	85.41 3.99 0.00	74.84 3.29 0.00	67.10 2.77 0.00	59.49 2.78 0.00	55.75 3.06 0.00	50.75 2.65 -0.01
GOWANUS_GT4_6 24135	46.20 2.86 -0.01	43.99 2.61 0.00	43.74 2.48 0.00	43.59 2.43 0.00	44.40 2.31 0.00	46.36 2.46 0.00	64.24 3.64 0.00	80.49 3.98 0.00	58.44 2.94 0.00	53.37 3.26 0.00	49.27 3.18 0.00	47.82 3.13 -0.02	47.41 3.21 -0.16	49.09 3.08 0.00	50.71 3.27 -0.02	58.59 3.00 0.00	72.37 3.25 0.00	97.08 4.62 0.00	85.41 3.99 0.00	74.84 3.29 0.00	67.10 2.77 0.00	59.49 2.78 0.00	55.75 3.06 0.00	50.75 2.65 -0.01
GOWANUS_GT4_7 24136	46.20 2.86 -0.01	43.99 2.61 0.00	43.74 2.48 0.00	43.59 2.43 0.00	44.40 2.31 0.00	46.36 2.46 0.00	64.24 3.64 0.00	80.49 3.98 0.00	58.44 2.94 0.00	53.37 3.26 0.00	49.27 3.18 0.00	47.82 3.13 -0.02	47.41 3.21 -0.16	49.09 3.08 0.00	50.71 3.27 -0.02	58.59 3.00 0.00	72.37 3.25 0.00	97.08 4.62 0.00	85.41 3.99 0.00	74.84 3.29 0.00	67.10 2.77 0.00	59.49 2.78 0.00	55.75 3.06 0.00	50.75 2.65 -0.01
GOWANUS_GT4_8 24137	46.20 2.86 -0.01	43.99 2.61 0.00	43.74 2.48 0.00	43.59 2.43 0.00	44.40 2.31 0.00	46.36 2.46 0.00	64.24 3.64 0.00	80.49 3.98 0.00	58.44 2.94 0.00	53.37 3.26 0.00	49.27 3.18 0.00	47.82 3.13 -0.02	47.41 3.21 -0.16	49.09 3.08 0.00	50.71 3.27 -0.02	58.59 3.00 0.00	72.37 3.25 0.00	97.08 4.62 0.00	85.41 3.99 0.00	74.84 3.29 0.00	67.10 2.77 0.00	59.49 2.78 0.00	55.75 3.06 0.00	50.75 2.65 -0.01
GREATVR_69_KV_BK1 356245	48.29 4.94 -0.02	45.86 4.47 -0.01	45.39 4.13 0.00	45.19 4.03 0.00	46.38 4.29 0.00	48.47 4.57 0.00	66.12 5.52 0.00	82.33 5.82 0.00	61.16 5.66 0.00	55.37 5.26 0.00	51.21 5.12 0.00	49.45 4.78 0.00	49.15 5.11 -0.01	51.32 5.29 -0.02	59.29 5.12 -6.75	61.74 5.00 -1.14	75.99 6.84 -0.03	102.29 9.80 -0.03	90.48 9.04 -0.03	80.42 6.94 -1.94	70.35 5.98 -0.03	62.96 5.27 -0.98	58.32 5.01 -0.61	53.16 5.05 -0.02
GREENBSH_115KV_TB3 55895	43.85 0.52 0.00	41.92 0.54 0.00	41.80 0.54 0.00	41.70 0.54 0.00	42.51 0.42 0.00	44.25 0.35 0.00	60.91 0.30 0.00	76.59 0.08 0.00	55.61 0.11 0.00	50.16 0.05 0.00	46.32 0.23 0.00	44.90 0.22 0.00	44.34 0.31 0.00	46.24 0.23 0.00	47.75 0.33 0.00	55.92 0.33 0.00	69.40 0.28 0.00	92.64 0.18 0.00	81.50 0.08 0.00	71.54 0.00 0.00	64.40 0.06 0.00	56.99 0.28 0.00	53.23 0.53 0.00	48.58 0.48 0.00
GREENDGE_115KV_TB5 80291	44.85 1.52 0.00	42.96 1.57 0.00	42.84 1.57 0.00	42.68 1.52 0.00	43.94 1.85 0.00	45.79 1.89 0.00	62.06 1.45 0.00	76.82 0.31 0.00	56.22 0.72 0.00	50.86 0.75 0.00	47.66 1.57 0.00	45.75 1.07 0.00	44.78 0.75 0.00	47.58 1.56 0.00	48.37 0.95 0.00	55.81 0.22 0.00	69.47 0.35 0.00	90.60 -1.85 0.00	80.03 -1.38 0.00	71.90 0.36 0.00	66.40 2.06 0.00	57.56 0.85 0.00	53.65 0.95 0.00	50.26 2.16 0.00
GREENIDGE___3 23582	44.85 1.52 0.00	42.96 1.57 0.00	42.84 1.57 0.00	42.68 1.52 0.00	43.94 1.85 0.00	45.79 1.89 0.00	62.06 1.45 0.00	76.82 0.31 0.00	56.22 0.72 0.00	50.86 0.75 0.00	47.66 1.57 0.00	45.75 1.07 0.00	44.78 0.75 0.00	47.58 1.56 0.00	48.37 0.95 0.00	55.81 0.22 0.00	69.47 0.35 0.00	90.60 -1.85 0.00	80.03 -1.38 0.00	71.90 0.36 0.00	66.40 2.06 0.00	57.56 0.85 0.00	53.65 0.95 0.00	50.26 2.16 0.00
GREENIDGE___4 23583	44.85 1.52 0.00	42.96 1.57 0.00	42.84 1.57 0.00	42.68 1.52 0.00	43.93 1.85 0.00	45.79 1.89 0.00	62.12 1.52 0.00	77.20 0.69 0.00	56.44 0.94 0.00	51.91 1.80 0.00	47.70 1.61 0.00	45.92 1.25 0.00	45.35 1.32 0.00	47.58 1.57 0.00	48.60 1.19 0.00	56.09 0.50 0.00	69.47 0.35 0.00	91.16 -1.29 0.00	80.36 -1.06 0.00	73.12 1.57 0.00	66.39 2.06 0.00	58.35 1.65 0.00	53.70 1.00 0.00	50.26 2.17 0.00
GREENLWN_69_KV_BK 3 55738	46.86 3.51 -0.02	44.66 3.27 -0.01	44.24 2.97 0.00	44.04 2.88 0.00	45.16 3.07 0.00	47.19 3.29 0.00	63.82 3.21 0.00	79.65 3.14 0.00	59.33 3.83 0.00	53.97 3.86 0.00	49.92 3.83 0.00	48.25 3.57 0.00	47.91 3.87 -0.01	49.89 3.86 -0.02	57.97 3.79 -6.75	59.94 4.00 -0.35	74.03 4.91 0.00	99.31 6.84 -0.01	87.28 5.86 0.00	75.50 4.94 0.98	68.59 4.25 0.00	60.64 4.20 0.26	56.92 3.64 -0.59	51.58 3.46 -0.02
GREENWD_138_KV_38B11_REV_LBMP_J 345004	46.20 2.86 -0.01	43.99 2.61 0.00	43.74 2.48 0.00	43.59 2.43 0.00	44.40 2.31 0.00	46.36 2.46 0.00	64.24 3.64 0.00	80.49 3.98 0.00	58.44 2.94 0.00	53.37 3.26 0.00	49.27 3.18 0.00	47.82 3.13 -0.02	47.41 3.21 -0.16	49.09 3.08 0.00	50.71 3.27 -0.02	58.59 3.00 0.00	72.37 3.25 0.00	97.08 4.62 0.00	85.41 3.99 0.00	74.84 3.29 0.00	67.10 2.77 0.00	59.49 2.78 0.00	55.75 3.06 0.00	50.75 2.65 -0.01
GRISSOM___SOLAR 323813	45.24 1.90 0.00	43.20 1.82 0.00	43.08 1.81 0.00	43.06 1.89 0.00	43.93 1.85 0.00	46.01 2.11 0.00	64.49 3.88 0.00	81.11 4.59 0.00	57.22 1.72 0.00	50.91 0.80 0.00	46.37 0.28 0.00	44.85 0.18 0.00	44.21 0.18 0.00	46.52 0.51 0.00	48.42 1.00 0.00	57.87 2.28 0.00	73.06 3.94 0.00	98.19 5.73 0.00	85.41 3.99 0.00	74.91 3.36 0.00	67.36 3.02 0.00	59.26 2.55 0.00	54.91 2.21 0.00	50.02 1.93 0.00
GROVEVILLE___HYD 323602	45.63 2.30 0.00	43.54 2.15 0.00	43.33 2.06 0.00	43.26 2.10 0.00	44.10 2.02 0.00	46.05 2.15 0.00	64.18 3.58 0.00	80.72 4.21 0.00	58.33 2.83 0.00	52.72 2.61 0.00	48.53 2.44 0.00	47.04 2.37 0.00	46.45 2.42 0.00	48.31 2.30 0.00	49.88 2.47 0.00	58.31 2.72 0.00	72.44 3.32 0.00	97.35 4.90 0.00	85.57 4.15 0.00	74.91 3.36 0.00	67.17 2.83 0.00	59.43 2.72 0.00	55.12 2.42 0.00	50.21 2.12 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	43.42 0.09 0.00	41.47 0.08 0.00	41.31 0.04 0.00	41.16 0.00 0.00	42.13 0.04 0.00	43.99 0.09 0.00	60.73 0.12 0.00	76.67 0.15 0.00	55.67 0.17 0.00	50.26 0.15 0.00	46.23 0.14 0.00	44.76 0.09 0.00	44.08 0.04 0.00	46.15 0.14 0.00	47.47 0.05 0.00	55.70 0.11 0.00	69.26 0.14 0.00	92.55 0.09 0.00	81.50 0.08 0.00	71.62 0.07 0.00	64.40 0.06 0.00	56.54 -0.17 0.00	52.54 -0.16 0.00	47.95 -0.14 0.00
HAMLTNNY_34_KV_TB 80303	43.55 0.22 0.00	41.59 0.21 0.00	41.43 0.17 0.00	41.28 0.12 0.00	42.30 0.21 0.00	44.12 0.22 0.00	60.91 0.30 0.00	76.90 0.38 0.00	55.83 0.33 0.00	50.41 0.30 0.00	46.37 0.28 0.00	44.90 0.22 0.00	44.16 0.13 0.00	46.33 0.32 0.00	47.56 0.14 0.00	55.87 0.28 0.00	69.40 0.28 0.00	92.82 0.37 0.00	81.74 0.33 0.00	71.83 0.29 0.00	64.66 0.32 0.00	56.71 0.00 0.00	52.70 0.00 0.00	48.15 0.05 0.00

HAMPSHIRE___PAPER_HYD 323593	42.90 -0.43 0.00	41.05 -0.33 0.00	40.90 -0.37 0.00	40.83 -0.33 0.00	41.96 -0.13 0.00	44.03 0.13 0.00	60.54 -0.06 0.00	77.28 0.77 0.00	55.78 0.28 0.00	50.16 0.05 0.00	46.14 0.05 0.00	44.72 0.04 0.00	43.99 -0.04 0.00	45.97 -0.05 0.00	47.37 -0.05 0.00	55.48 -0.11 0.00	68.64 -0.48 0.00	92.64 0.19 0.00	81.66 0.24 0.00	71.98 0.43 0.00	65.05 0.71 0.00	57.61 0.90 0.00	53.54 0.84 0.00	48.86 0.77 0.00
HARDSCRABBLE_WT_PWR 323673	44.76 1.43 0.00	42.79 1.41 0.00	42.71 1.44 0.00	42.60 1.44 0.00	43.60 1.51 0.00	45.57 1.67 0.00	62.91 2.30 0.00	79.58 3.06 0.00	57.56 2.05 0.00	51.97 1.86 0.00	47.94 1.85 0.00	46.41 1.74 0.00	45.70 1.67 0.00	47.80 1.79 0.00	49.36 1.94 0.00	57.98 2.39 0.00	72.23 3.11 0.00	96.80 4.35 0.00	85.33 3.91 0.00	75.05 3.50 0.00	67.49 3.15 0.00	59.65 2.95 0.00	55.33 2.63 0.00	50.60 2.50 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	45.50 2.17 0.00	43.37 1.99 0.00	43.21 1.94 0.00	43.10 1.93 0.00	43.94 1.85 0.00	45.92 2.02 0.00	63.82 3.21 0.00	80.34 3.83 0.00	58.05 2.55 0.00	52.52 2.41 0.00	48.44 2.35 0.00	47.00 2.32 0.00	46.37 2.33 0.00	48.27 2.25 0.00	49.79 2.37 0.00	58.09 2.50 0.00	72.16 3.04 0.00	96.98 4.53 0.00	85.16 3.75 0.00	74.69 3.15 0.00	66.91 2.57 0.00	59.20 2.50 0.00	54.91 2.21 0.00	50.02 1.92 0.00
HARSNRAD_115KV_TB1 81005	43.07 -0.26 0.00	41.26 -0.12 0.00	41.23 -0.04 0.00	40.87 -0.29 0.00	42.00 -0.08 0.00	43.02 -0.88 0.00	57.94 -2.67 0.00	73.45 -3.06 0.00	53.50 -2.00 0.00	49.36 -0.75 0.00	45.72 -0.37 0.00	43.87 -0.80 0.00	42.80 -1.23 0.00	45.78 -0.23 0.00	46.14 -1.28 0.00	53.81 -1.78 0.00	66.84 -2.28 0.00	88.48 -3.98 0.00	78.32 -3.09 0.00	69.33 -2.22 0.00	62.92 -1.42 0.00	55.01 -1.70 0.00	51.64 -1.05 0.00	47.76 -0.34 0.00
HARZA MOOSE___RIVER 24016	43.68 0.35 0.00	41.80 0.41 0.00	41.68 0.41 0.00	41.53 0.37 0.00	42.67 0.59 0.00	44.74 0.83 0.00	61.88 1.27 0.00	78.89 2.37 0.00	56.83 1.33 0.00	51.16 1.05 0.00	46.97 0.88 0.00	45.43 0.76 0.00	44.65 0.62 0.00	46.70 0.69 0.00	48.22 0.81 0.00	56.70 1.11 0.00	70.57 1.45 0.00	95.50 3.05 0.00	84.02 2.61 0.00	73.83 2.29 0.00	66.52 2.19 0.00	58.46 1.76 0.00	54.07 1.37 0.00	49.40 1.30 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	43.12 -0.22 0.00	41.14 -0.25 0.00	41.02 -0.25 0.00	40.87 -0.29 0.00	41.83 -0.25 0.00	43.64 -0.26 0.00	60.18 -0.42 0.00	75.98 -0.54 0.00	55.17 -0.33 0.00	49.86 -0.25 0.00	45.95 -0.14 0.00	44.45 -0.22 0.00	43.77 -0.26 0.00	45.87 -0.14 0.00	47.13 -0.28 0.00	55.26 -0.33 0.00	68.64 -0.48 0.00	91.71 -0.74 0.00	80.77 -0.65 0.00	70.97 -0.57 0.00	63.82 -0.51 0.00	56.03 -0.68 0.00	52.07 -0.63 0.00	47.62 -0.48 0.00
HELLGATE_13_KV_LD 55870	46.06 2.73 0.00	43.83 2.44 0.00	43.62 2.35 0.00	43.47 2.31 0.00	44.32 2.23 0.00	46.27 2.37 0.00	64.36 3.76 0.00	80.80 4.28 0.00	58.72 3.22 0.00	53.42 3.31 0.00	49.27 3.18 0.00	47.82 3.13 -0.02	47.36 3.17 -0.16	49.14 3.13 0.00	50.71 3.27 -0.02	58.93 3.34 0.00	72.65 3.53 0.00	97.45 4.99 0.00	85.65 4.23 0.00	75.05 3.51 0.00	67.30 2.96 0.00	59.60 2.89 0.00	55.65 2.95 0.00	50.55 2.45 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	46.06 2.73 0.00	43.83 2.44 0.00	43.62 2.35 0.00	43.47 2.31 0.00	44.32 2.23 0.00	46.27 2.37 0.00	64.36 3.76 0.00	80.80 4.28 0.00	58.72 3.22 0.00	53.42 3.31 0.00	49.27 3.18 0.00	47.82 3.13 -0.02	47.36 3.17 -0.16	49.14 3.13 0.00	50.71 3.27 -0.02	58.93 3.34 0.00	72.65 3.53 0.00	97.45 4.99 0.00	85.65 4.23 0.00	75.05 3.51 0.00	67.30 2.96 0.00	59.60 2.89 0.00	55.65 2.95 0.00	50.55 2.45 0.00
HEMPSTEAD____ 23647	46.55 3.21 -0.01	44.33 2.94 -0.01	43.99 2.72 0.00	43.80 2.64 0.00	44.86 2.78 0.00	46.84 2.94 0.00	64.60 4.00 0.00	80.42 3.90 0.00	59.44 3.94 0.00	53.72 3.61 0.00	49.69 3.60 0.00	48.07 3.39 0.00	47.56 3.52 -0.01	49.66 3.63 -0.01	56.69 3.51 -5.76	59.92 3.89 -0.44	74.04 4.91 -0.01	99.31 6.84 -0.01	87.36 5.94 -0.01	76.56 5.01 -0.01	68.65 4.31 -0.01	60.57 3.86 -0.01	56.53 3.32 -0.51	51.19 3.08 -0.01
HICKLING___1 23621	43.98 0.65 0.00	42.17 0.79 0.00	42.09 0.83 0.00	41.90 0.74 0.00	43.09 1.01 0.00	44.69 0.79 0.00	61.03 0.42 0.00	76.90 0.38 0.00	55.39 -0.11 0.00	50.61 0.50 0.00	46.97 0.88 0.00	45.12 0.45 0.00	44.16 0.13 0.00	46.98 0.97 0.00	47.56 0.14 0.00	55.42 -0.17 0.00	69.26 0.14 0.00	92.18 -0.28 0.00	81.34 -0.08 0.00	71.97 0.43 0.00	65.49 1.16 0.00	56.99 0.28 0.00	53.28 0.58 0.00	49.30 1.20 0.00
HICKLING___2 23622	43.98 0.65 0.00	42.17 0.79 0.00	42.09 0.83 0.00	41.90 0.74 0.00	43.09 1.01 0.00	44.69 0.79 0.00	61.03 0.42 0.00	76.90 0.38 0.00	55.39 -0.11 0.00	50.61 0.50 0.00	46.97 0.88 0.00	45.12 0.45 0.00	44.16 0.13 0.00	46.98 0.97 0.00	47.56 0.14 0.00	55.42 -0.17 0.00	69.26 0.14 0.00	92.18 -0.28 0.00	81.34 -0.08 0.00	71.97 0.43 0.00	65.49 1.16 0.00	56.99 0.28 0.00	53.28 0.58 0.00	49.30 1.20 0.00
HIGH FALLS___HY 23754	45.85 2.51 0.00	43.70 2.32 0.00	43.54 2.27 0.00	43.38 2.22 0.00	44.32 2.23 0.00	46.27 2.37 0.00	64.67 4.06 0.00	81.41 4.90 0.00	58.66 3.16 0.00	53.02 2.91 0.00	48.72 2.63 0.00	47.22 2.55 0.00	46.59 2.55 0.00	48.50 2.48 0.00	50.07 2.66 0.00	58.48 2.89 0.00	72.85 3.73 0.00	98.09 5.64 0.00	86.14 4.72 0.00	75.48 3.93 0.00	67.62 3.28 0.00	59.77 3.06 0.00	55.39 2.69 0.00	50.36 2.26 0.00
HIGH_RIVER___SOLAR 323847	45.02 1.69 0.00	43.00 1.61 0.00	42.88 1.61 0.00	42.85 1.69 0.00	43.72 1.64 0.00	45.75 1.84 0.00	64.00 3.39 0.00	80.26 3.75 0.00	56.72 1.22 0.00	50.72 0.60 0.00	46.32 0.23 0.00	44.81 0.13 0.00	44.12 0.09 0.00	46.29 0.28 0.00	47.99 0.57 0.00	57.20 1.61 0.00	72.51 3.39 0.00	97.44 4.99 0.00	84.92 3.50 0.00	74.55 3.00 0.00	66.98 2.64 0.00	58.92 2.21 0.00	54.59 1.89 0.00	49.78 1.68 0.00
HILLBURN___GT 23639	45.46 2.12 0.00	43.33 1.95 0.00	43.17 1.90 0.00	43.06 1.89 0.00	43.89 1.81 0.00	45.88 1.98 0.00	63.81 3.21 0.00	80.26 3.75 0.00	58.11 2.61 0.00	52.62 2.50 0.00	48.53 2.44 0.00	47.04 2.37 0.00	46.36 2.33 0.00	48.36 2.35 0.00	49.79 2.37 0.00	58.20 2.61 0.00	72.09 2.97 0.00	96.89 4.44 0.00	85.08 3.67 0.00	74.62 3.07 0.00	66.98 2.64 0.00	59.03 2.33 0.00	54.91 2.21 0.00	49.97 1.87 0.00
HILLSIDE_115KV_TB1 80332	43.38 0.04 0.00	41.59 0.21 0.00	41.52 0.25 0.00	41.28 0.12 0.00	42.46 0.38 0.00	44.03 0.13 0.00	60.06 -0.55 0.00	75.60 -0.92 0.00	54.45 -1.05 0.00	49.76 -0.35 0.00	46.23 0.14 0.00	44.41 -0.27 0.00	43.46 -0.57 0.00	46.20 0.18 0.00	46.75 -0.66 0.00	54.42 -1.17 0.00	68.01 -1.11 0.00	90.60 -1.85 0.00	79.87 -1.55 0.00	70.76 -0.79 0.00	64.34 0.00 0.00	56.03 -0.68 0.00	52.38 -0.32 0.00	48.53 0.43 0.00

HISHELDN_WT_PWR 323625	43.16 -0.17 0.00	41.43 0.04 0.00	41.31 0.04 0.00	41.12 -0.04 0.00	42.30 0.21 0.00	43.55 -0.35 0.00	59.03 -1.58 0.00	75.14 -1.38 0.00	54.33 -1.17 0.00	49.81 -0.30 0.00	46.18 0.09 0.00	44.50 -0.18 0.00	44.21 0.18 0.00	46.29 0.28 0.00	47.14 -0.28 0.00	54.81 -0.78 0.00	67.95 -1.18 0.00	90.97 -1.48 0.00	80.28 -1.14 0.00	71.12 -0.43 0.00	64.08 -0.26 0.00	57.11 0.40 0.00	52.49 -0.21 0.00	48.53 0.43 0.00
HOLTSVILLE_IC_1 23690	47.42 4.07 -0.02	45.08 3.68 -0.01	44.65 3.38 0.00	44.46 3.29 0.00	45.58 3.49 0.00	47.63 3.73 0.00	65.27 4.67 0.00	80.57 4.05 0.00	60.33 4.83 0.00	54.47 4.36 0.00	50.38 4.29 0.00	48.65 3.97 0.00	48.22 4.19 -0.01	50.44 4.42 -0.02	58.62 4.36 -6.84	62.39 4.89 -1.91	75.11 5.95 -0.05	100.73 8.23 -0.05	88.71 7.24 -0.05	81.45 6.08 -3.83	69.72 5.34 -0.05	63.81 4.93 -2.17	57.71 4.37 -0.64	52.20 4.09 -0.02
HOLTSVILLE_IC_10 23699	47.72 4.37 -0.02	45.33 3.93 -0.01	44.86 3.59 0.00	44.66 3.50 0.00	45.83 3.74 0.00	47.90 3.99 0.00	65.70 5.09 0.00	81.11 4.59 0.00	60.78 5.28 0.00	54.77 4.66 0.00	50.70 4.61 0.00	48.92 4.25 0.00	48.48 4.45 -0.01	50.77 4.74 -0.02	58.98 4.74 -6.82	62.73 5.28 -1.85	75.66 6.50 -0.05	101.57 9.07 -0.05	89.36 7.90 -0.05	81.85 6.72 -3.58	70.24 5.85 -0.05	64.18 5.39 -2.09	58.13 4.79 -0.64	52.54 4.42 -0.02
HOLTSVILLE_IC_2 23691	47.42 4.07 -0.02	45.08 3.68 -0.01	44.65 3.38 0.00	44.46 3.29 0.00	45.58 3.49 0.00	47.63 3.73 0.00	65.27 4.67 0.00	80.57 4.05 0.00	60.33 4.83 0.00	54.47 4.36 0.00	50.38 4.29 0.00	48.65 3.97 0.00	48.22 4.19 -0.01	50.44 4.42 -0.02	58.62 4.36 -6.84	62.39 4.89 -1.91	75.11 5.95 -0.05	100.73 8.23 -0.05	88.71 7.24 -0.05	81.45 6.08 -3.83	69.72 5.34 -0.05	63.81 4.93 -2.17	57.71 4.37 -0.64	52.20 4.09 -0.02
HOLTSVILLE_IC_3 23692	47.42 4.07 -0.02	45.08 3.68 -0.01	44.65 3.38 0.00	44.46 3.29 0.00	45.58 3.49 0.00	47.63 3.73 0.00	65.27 4.67 0.00	80.57 4.05 0.00	60.33 4.83 0.00	54.47 4.36 0.00	50.38 4.29 0.00	48.65 3.97 0.00	48.22 4.19 -0.01	50.44 4.42 -0.02	58.62 4.36 -6.84	62.39 4.89 -1.91	75.11 5.95 -0.05	100.73 8.23 -0.05	88.71 7.24 -0.05	81.45 6.08 -3.83	69.72 5.34 -0.05	63.81 4.93 -2.17	57.71 4.37 -0.64	52.20 4.09 -0.02
HOLTSVILLE_IC_4 23693	47.42 4.07 -0.02	45.08 3.68 -0.01	44.65 3.38 0.00	44.46 3.29 0.00	45.58 3.49 0.00	47.63 3.73 0.00	65.27 4.67 0.00	80.57 4.05 0.00	60.33 4.83 0.00	54.47 4.36 0.00	50.38 4.29 0.00	48.65 3.97 0.00	48.22 4.19 -0.01	50.44 4.42 -0.02	58.62 4.36 -6.84	62.39 4.89 -1.91	75.11 5.95 -0.05	100.73 8.23 -0.05	88.71 7.24 -0.05	81.45 6.08 -3.83	69.72 5.34 -0.05	63.81 4.93 -2.17	57.71 4.37 -0.64	52.20 4.09 -0.02
HOLTSVILLE_IC_5 23694	47.42 4.07 -0.02	45.08 3.68 -0.01	44.65 3.38 0.00	44.46 3.29 0.00	45.58 3.49 0.00	47.63 3.73 0.00	65.27 4.67 0.00	80.57 4.05 0.00	60.33 4.83 0.00	54.47 4.36 0.00	50.38 4.29 0.00	48.65 3.97 0.00	48.22 4.19 -0.01	50.44 4.42 -0.02	58.62 4.36 -6.84	62.39 4.89 -1.91	75.11 5.95 -0.05	100.73 8.23 -0.05	88.71 7.24 -0.05	81.45 6.08 -3.83	69.72 5.34 -0.05	63.81 4.93 -2.17	57.71 4.37 -0.64	52.20 4.09 -0.02
HOLTSVILLE_IC_6 23695	47.72 4.37 -0.02	45.33 3.93 -0.01	44.86 3.59 0.00	44.66 3.50 0.00	45.83 3.74 0.00	47.90 3.99 0.00	65.70 5.09 0.00	81.11 4.59 0.00	60.78 5.28 0.00	54.77 4.66 0.00	50.70 4.61 0.00	48.92 4.25 0.00	48.48 4.45 -0.01	50.77 4.74 -0.02	58.98 4.74 -6.82	62.73 5.28 -1.85	75.66 6.50 -0.05	101.57 9.07 -0.05	89.36 7.90 -0.05	81.85 6.72 -3.58	70.24 5.85 -0.05	64.18 5.39 -2.09	58.13 4.79 -0.64	52.54 4.42 -0.02
HOLTSVILLE_IC_7 23696	47.72 4.37 -0.02	45.33 3.93 -0.01	44.86 3.59 0.00	44.66 3.50 0.00	45.83 3.74 0.00	47.90 3.99 0.00	65.70 5.09 0.00	81.11 4.59 0.00	60.78 5.28 0.00	54.77 4.66 0.00	50.70 4.61 0.00	48.92 4.25 0.00	48.48 4.45 -0.01	50.77 4.74 -0.02	58.98 4.74 -6.82	62.73 5.28 -1.85	75.66 6.50 -0.05	101.57 9.07 -0.05	89.36 7.90 -0.05	81.85 6.72 -3.58	70.24 5.85 -0.05	64.18 5.39 -2.09	58.13 4.79 -0.64	52.54 4.42 -0.02
HOLTSVILLE_IC_8 23697	47.72 4.37 -0.02	45.33 3.93 -0.01	44.86 3.59 0.00	44.66 3.50 0.00	45.83 3.74 0.00	47.90 3.99 0.00	65.70 5.09 0.00	81.11 4.59 0.00	60.78 5.28 0.00	54.77 4.66 0.00	50.70 4.61 0.00	48.92 4.25 0.00	48.48 4.45 -0.01	50.77 4.74 -0.02	58.98 4.74 -6.82	62.73 5.28 -1.85	75.66 6.50 -0.05	101.57 9.07 -0.05	89.36 7.90 -0.05	81.85 6.72 -3.58	70.24 5.85 -0.05	64.18 5.39 -2.09	58.13 4.79 -0.64	52.54 4.42 -0.02
HOLTSVILLE_IC_9 23698	47.72 4.37 -0.02	45.33 3.93 -0.01	44.86 3.59 0.00	44.66 3.50 0.00	45.83 3.74 0.00	47.90 3.99 0.00	65.70 5.09 0.00	81.11 4.59 0.00	60.78 5.28 0.00	54.77 4.66 0.00	50.70 4.61 0.00	48.92 4.25 0.00	48.48 4.45 -0.01	50.77 4.74 -0.02	58.98 4.74 -6.82	62.73 5.28 -1.85	75.66 6.50 -0.05	101.57 9.07 -0.05	89.36 7.90 -0.05	81.85 6.72 -3.58	70.24 5.85 -0.05	64.18 5.39 -2.09	58.13 4.79 -0.64	52.54 4.42 -0.02
HOMER_HL_115KV_TB2 355744	43.42 0.09 0.00	41.72 0.33 0.00	41.64 0.37 0.00	41.41 0.25 0.00	42.63 0.55 0.00	43.99 0.09 0.00	59.88 -0.73 0.00	75.75 -0.77 0.00	54.56 -0.94 0.00	50.06 -0.05 0.00	46.60 0.51 0.00	44.58 -0.09 0.00	43.59 -0.44 0.00	46.52 0.51 0.00	46.85 -0.57 0.00	54.42 -1.17 0.00	68.15 -0.97 0.00	90.79 -1.66 0.00	80.28 -1.14 0.00	71.04 -0.50 0.00	64.47 0.13 0.00	56.25 -0.45 0.00	52.70 0.00 0.00	48.77 0.67 0.00
HOWARD_WT_PWR 323690	43.03 -0.30 0.00	41.39 0.00 0.00	41.35 0.08 0.00	41.28 0.12 0.00	42.59 0.51 0.00	44.25 0.35 0.00	60.79 0.18 0.00	77.28 0.77 0.00	55.67 0.17 0.00	50.66 0.55 0.00	46.92 0.83 0.00	45.25 0.58 0.00	44.96 0.93 0.00	47.21 1.19 0.00	48.13 0.71 0.00	56.26 0.67 0.00	69.81 0.69 0.00	93.75 1.29 0.00	82.72 1.30 0.00	73.40 1.86 0.00	66.20 1.87 0.00	58.64 1.93 0.00	54.02 1.32 0.00	49.92 1.83 0.00
HQ_GEN_CEDARS 23644	43.33 0.00 0.00	41.43 0.04 0.00	41.27 0.00 0.00	41.28 0.12 0.00	42.30 0.21 0.00	44.25 0.35 0.00	61.03 0.42 0.00	77.51 0.99 0.00	56.22 0.72 0.00	50.56 0.45 0.00	46.41 0.32 0.00	45.12 0.45 0.00	44.38 0.35 0.00	46.38 0.37 0.00	47.80 0.38 0.00	56.09 0.50 0.00	69.81 0.69 0.00	93.47 1.02 0.00	82.23 0.81 0.00	72.47 0.93 0.00	65.37 1.03 0.00	57.78 1.08 0.00	53.81 1.11 0.00	49.06 0.96 0.00
HQ_GEN_CEDARS_PROXY 323590	43.33 0.00 0.00	41.43 0.04 0.00	41.27 0.00 0.00	41.28 0.12 0.00	42.30 0.21 0.00	44.25 0.35 0.00	65.49 0.24 -4.64	77.20 0.69 0.00	65.49 0.44 -9.55	50.47 0.35 0.00	46.32 0.23 0.00	45.03 0.36 0.00	44.30 0.27 0.00	46.29 0.28 0.00	47.70 0.29 0.00	55.62 0.28 0.25	72.49 0.42 -2.95	93.11 0.65 0.00	82.49 0.57 -0.50	72.49 0.64 -0.30	65.11 0.77 0.00	57.50 0.79 0.00	53.70 1.00 0.00	49.06 0.96 0.00

HQ_GEN_IMPORT 323601	42.94 -0.39 0.00	41.05 -0.33 0.00	40.90 -0.37 0.00	40.83 -0.33 0.00	41.79 -0.29 0.00	43.64 -0.26 0.00	60.18 -0.42 0.00	76.06 -0.46 0.00	55.17 -0.33 0.00	49.81 -0.30 0.00	45.77 -0.32 0.00	44.41 -0.27 0.00	43.77 -0.26 0.00	45.74 -0.27 0.00	47.18 -0.24 0.00	55.07 -0.28 0.25	69.02 -0.34 -0.25	92.09 -0.37 0.00	81.09 -0.32 0.00	71.26 -0.29 0.00	64.14 -0.19 0.00	56.59 -0.11 0.00	52.65 -0.05 0.00	48.10 0.00 0.00
HQ_GEN_WHEEL 23651	42.94 -0.39 0.00	41.05 -0.33 0.00	40.90 -0.37 0.00	40.83 -0.33 0.00	41.79 -0.29 0.00	43.64 -0.26 0.00	60.18 -0.42 0.00	76.06 -0.46 0.00	55.17 -0.33 0.00	49.81 -0.30 0.00	45.77 -0.32 0.00	44.41 -0.27 0.00	43.77 -0.26 0.00	45.74 -0.27 0.00	47.18 -0.24 0.00	55.07 -0.28 0.25	69.02 -0.34 -0.25	92.09 -0.37 0.00	81.09 -0.32 0.00	71.26 -0.29 0.00	64.14 -0.19 0.00	56.59 -0.11 0.00	52.65 -0.05 0.00	48.10 0.00 0.00
HUDSON AVE_GT_3 23810	45.85 2.51 0.00	43.66 2.28 0.00	43.41 2.15 0.00	43.30 2.14 0.00	44.15 2.06 0.00	46.18 2.28 0.00	64.36 3.76 0.00	80.95 4.44 0.00	58.72 3.22 0.00	53.27 3.16 0.00	49.18 3.09 0.00	47.68 2.99 -0.02	47.27 3.08 -0.16	49.00 2.99 0.00	50.56 3.13 -0.02	58.87 3.28 0.00	72.78 3.66 0.00	97.63 5.18 0.00	85.81 4.40 0.00	75.26 3.72 0.00	67.36 3.02 0.00	59.66 2.95 0.00	55.39 2.69 0.00	50.45 2.36 0.00
HUDSON AVE_GT_4 23540	45.85 2.51 0.00	43.66 2.28 0.00	43.41 2.15 0.00	43.30 2.14 0.00	44.15 2.06 0.00	46.18 2.28 0.00	64.36 3.76 0.00	80.95 4.44 0.00	58.72 3.22 0.00	53.27 3.16 0.00	49.18 3.09 0.00	47.68 2.99 -0.02	47.27 3.08 -0.16	49.00 2.99 0.00	50.56 3.13 -0.02	58.87 3.28 0.00	72.78 3.66 0.00	97.63 5.18 0.00	85.81 4.40 0.00	75.26 3.72 0.00	67.36 3.02 0.00	59.66 2.95 0.00	55.39 2.69 0.00	50.45 2.36 0.00
HUDSON AVE_GT_5 23657	45.85 2.51 0.00	43.66 2.28 0.00	43.41 2.15 0.00	43.30 2.14 0.00	44.15 2.06 0.00	46.18 2.28 0.00	64.36 3.76 0.00	80.95 4.44 0.00	58.72 3.22 0.00	53.27 3.16 0.00	49.18 3.09 0.00	47.68 2.99 -0.02	47.27 3.08 -0.16	49.00 2.99 0.00	50.56 3.13 -0.02	58.87 3.28 0.00	72.78 3.66 0.00	97.63 5.18 0.00	85.81 4.40 0.00	75.26 3.72 0.00	67.36 3.02 0.00	59.66 2.95 0.00	55.39 2.69 0.00	50.45 2.36 0.00
HUDSON_AVE_10 24168	45.72 2.38 0.00	43.54 2.15 0.00	43.29 2.02 0.00	43.18 2.02 0.00	44.02 1.94 0.00	46.10 2.20 0.00	64.18 3.58 0.00	80.72 4.21 0.00	58.61 3.11 0.00	53.17 3.06 0.00	49.04 2.95 0.00	47.59 2.90 -0.02	47.18 2.99 -0.16	48.91 2.90 0.00	50.47 3.03 -0.02	58.76 3.17 0.00	72.58 3.46 0.00	97.45 4.99 0.00	85.65 4.23 0.00	75.05 3.51 0.00	67.23 2.90 0.00	59.54 2.84 0.00	55.28 2.58 0.00	50.31 2.21 0.00
HUDSON___115KV_TB 4 355613	45.50 2.17 0.00	43.46 2.07 0.00	43.33 2.06 0.00	43.26 2.10 0.00	44.10 2.02 0.00	46.01 2.11 0.00	64.00 3.39 0.00	80.49 3.98 0.00	57.61 2.11 0.00	51.57 1.45 0.00	47.20 1.11 0.00	45.66 0.98 0.00	45.00 0.97 0.00	46.93 0.92 0.00	48.60 1.19 0.00	57.37 1.78 0.00	71.89 2.76 0.00	96.71 4.25 0.00	85.16 3.75 0.00	74.55 3.00 0.00	67.04 2.70 0.00	59.26 2.55 0.00	55.18 2.48 0.00	50.21 2.12 0.00
HUNTER MOUNT___DRP 323613	45.24 1.91 0.00	43.21 1.82 0.00	43.08 1.82 0.00	42.97 1.81 0.00	43.85 1.77 0.00	45.70 1.80 0.00	63.57 2.97 0.00	79.96 3.44 0.00	57.28 1.78 0.00	51.26 1.15 0.00	46.92 0.83 0.00	45.39 0.71 0.00	44.74 0.70 0.00	46.70 0.69 0.00	48.32 0.90 0.00	57.04 1.45 0.00	71.47 2.35 0.00	96.15 3.70 0.00	84.59 3.18 0.00	73.98 2.43 0.00	66.59 2.25 0.00	58.86 2.15 0.00	54.86 2.16 0.00	49.93 1.83 0.00
HUNTINGTON_RES_REC 323705	47.25 3.90 -0.02	44.91 3.52 -0.01	44.49 3.22 0.00	44.29 3.13 0.00	45.41 3.32 0.00	47.46 3.55 0.00	64.91 4.30 0.00	80.26 3.75 0.00	60.10 4.60 0.00	54.32 4.21 0.00	50.24 4.15 0.00	48.52 3.84 0.00	48.09 4.05 -0.01	50.31 4.28 -0.02	58.36 4.17 -6.77	60.19 4.67 0.07	74.71 5.60 0.01	100.31 7.85 0.00	88.25 6.84 0.01	75.88 5.79 1.46	69.41 5.08 0.01	60.49 4.70 0.92	57.50 4.22 -0.58	52.01 3.89 -0.02
HUNTLEY___63 23557	43.42 0.09 0.00	41.63 0.25 0.00	41.47 0.21 0.00	41.28 0.12 0.00	42.38 0.29 0.00	43.33 -0.57 0.00	58.42 -2.18 0.00	74.07 -2.45 0.00	54.00 -1.50 0.00	49.81 -0.30 0.00	46.18 0.09 0.00	44.27 -0.40 0.00	43.19 -0.84 0.00	46.24 0.23 0.00	46.61 -0.81 0.00	54.31 -1.28 0.00	67.53 -1.59 0.00	89.31 -3.14 0.00	79.06 -2.36 0.00	70.04 -1.50 0.00	63.44 -0.90 0.00	55.52 -1.19 0.00	52.17 -0.53 0.00	48.19 0.10 0.00
HUNTLEY___64 23558	43.42 0.09 0.00	41.63 0.25 0.00	41.47 0.21 0.00	41.28 0.12 0.00	42.38 0.29 0.00	43.33 -0.57 0.00	58.42 -2.18 0.00	74.07 -2.45 0.00	54.00 -1.50 0.00	49.81 -0.30 0.00	46.18 0.09 0.00	44.27 -0.40 0.00	43.19 -0.84 0.00	46.24 0.23 0.00	46.61 -0.81 0.00	54.31 -1.28 0.00	67.53 -1.59 0.00	89.31 -3.14 0.00	79.06 -2.36 0.00	70.04 -1.50 0.00	63.44 -0.90 0.00	55.52 -1.19 0.00	52.17 -0.53 0.00	48.19 0.10 0.00
HUNTLEY___65 23559	43.42 0.09 0.00	41.63 0.25 0.00	41.47 0.21 0.00	41.28 0.12 0.00	42.38 0.29 0.00	43.33 -0.57 0.00	58.42 -2.18 0.00	74.07 -2.45 0.00	54.00 -1.50 0.00	49.81 -0.30 0.00	46.18 0.09 0.00	44.27 -0.40 0.00	43.19 -0.84 0.00	46.24 0.23 0.00	46.61 -0.81 0.00	54.31 -1.28 0.00	67.53 -1.59 0.00	89.31 -3.14 0.00	79.06 -2.36 0.00	70.04 -1.50 0.00	63.44 -0.90 0.00	55.52 -1.19 0.00	52.17 -0.53 0.00	48.19 0.10 0.00
HUNTLEY___66 23560	43.42 0.09 0.00	41.63 0.25 0.00	41.47 0.21 0.00	41.28 0.12 0.00	42.38 0.29 0.00	43.33 -0.57 0.00	58.42 -2.18 0.00	74.07 -2.45 0.00	54.00 -1.50 0.00	49.81 -0.30 0.00	46.18 0.09 0.00	44.27 -0.40 0.00	43.19 -0.84 0.00	46.24 0.23 0.00	46.61 -0.81 0.00	54.31 -1.28 0.00	67.53 -1.59 0.00	89.31 -3.14 0.00	79.06 -2.36 0.00	70.04 -1.50 0.00	63.44 -0.90 0.00	55.52 -1.19 0.00	52.17 -0.53 0.00	48.19 0.10 0.00
HUNTLEY___67 23561	43.16 -0.17 0.00	41.39 0.00 0.00	41.23 -0.04 0.00	41.00 -0.16 0.00	42.08 0.00 0.00	43.16 -0.75 0.00	58.18 -2.42 0.00	73.61 -2.91 0.00	53.67 -1.83 0.00	49.51 -0.60 0.00	45.91 -0.18 0.00	44.05 -0.63 0.00	42.97 -1.06 0.00	45.92 -0.09 0.00	46.33 -1.09 0.00	53.98 -1.61 0.00	67.12 -2.00 0.00	88.76 -3.70 0.00	78.57 -2.85 0.00	69.54 -2.00 0.00	63.11 -1.22 0.00	55.18 -1.53 0.00	51.80 -0.90 0.00	47.91 -0.19 0.00
HUNTLEY___68 23562	43.16 -0.17 0.00	41.39 0.00 0.00	41.23 -0.04 0.00	41.00 -0.16 0.00	42.08 0.00 0.00	43.16 -0.75 0.00	58.18 -2.42 0.00	73.61 -2.91 0.00	53.67 -1.83 0.00	49.51 -0.60 0.00	45.91 -0.18 0.00	44.05 -0.63 0.00	42.97 -1.06 0.00	45.92 -0.09 0.00	46.33 -1.09 0.00	53.98 -1.61 0.00	67.12 -2.00 0.00	88.76 -3.70 0.00	78.57 -2.85 0.00	69.54 -2.00 0.00	63.11 -1.22 0.00	55.18 -1.53 0.00	51.80 -0.90 0.00	47.91 -0.19 0.00

HYLAND___LFGE 323620	45.50 2.17 0.00	43.54 2.15 0.00	43.37 2.10 0.00	43.22 2.06 0.00	44.57 2.48 0.00	46.36 2.46 0.00	63.75 3.15 0.00	81.49 4.97 0.00	58.05 2.55 0.00	51.97 1.86 0.00	47.66 1.57 0.00	45.97 1.30 0.00	45.40 1.37 0.00	47.53 1.52 0.00	48.74 1.33 0.00	57.37 1.78 0.00	69.33 0.21 0.00	94.30 1.85 0.00	83.37 1.95 0.00	73.90 2.36 0.00	66.59 2.25 0.00	58.86 2.15 0.00	55.97 3.27 0.00	51.32 3.22 0.00
INDECK___CORINTH 23802	46.11 2.78 0.00	44.04 2.65 0.00	43.91 2.64 0.00	43.88 2.72 0.00	44.70 2.61 0.00	46.67 2.77 0.00	64.85 4.24 0.00	81.79 5.28 0.00	58.83 3.33 0.00	52.87 2.75 0.00	48.30 2.21 0.00	46.73 2.06 0.00	46.01 1.98 0.00	47.99 1.98 0.00	49.60 2.18 0.00	58.53 2.94 0.00	73.34 4.22 0.00	98.19 5.73 0.00	86.38 4.97 0.00	75.69 4.15 0.00	68.26 3.93 0.00	59.94 3.23 0.00	55.70 3.00 0.00	50.79 2.69 0.00
INDECK___ILION 23567	44.29 0.95 0.00	42.30 0.91 0.00	42.22 0.95 0.00	42.11 0.95 0.00	43.05 0.97 0.00	44.96 1.05 0.00	62.06 1.45 0.00	78.43 1.91 0.00	56.78 1.28 0.00	51.26 1.15 0.00	47.24 1.15 0.00	45.75 1.07 0.00	45.09 1.06 0.00	47.12 1.10 0.00	48.60 1.19 0.00	57.04 1.45 0.00	70.99 1.87 0.00	95.04 2.59 0.00	83.78 2.36 0.00	73.62 2.07 0.00	66.20 1.87 0.00	58.41 1.70 0.00	54.23 1.53 0.00	49.54 1.44 0.00
INDECK___OLEAN 23982	43.46 0.13 0.00	41.76 0.37 0.00	41.64 0.37 0.00	41.45 0.29 0.00	42.59 0.51 0.00	43.99 0.09 0.00	59.94 -0.67 0.00	76.21 -0.30 0.00	54.78 -0.72 0.00	50.16 0.05 0.00	46.65 0.56 0.00	44.81 0.13 0.00	44.43 0.40 0.00	46.57 0.55 0.00	47.18 -0.24 0.00	54.70 -0.89 0.00	68.09 -1.03 0.00	91.53 -0.92 0.00	80.76 -0.65 0.00	71.62 0.07 0.00	64.53 0.19 0.00	57.39 0.68 0.00	52.70 0.00 0.00	48.77 0.67 0.00
INDECK___OSWEGO 23783	42.47 -0.87 0.00	40.56 -0.83 0.00	40.44 -0.83 0.00	40.26 -0.91 0.00	41.24 -0.84 0.00	43.02 -0.88 0.00	59.39 -1.21 0.00	75.06 -1.46 0.00	54.50 -1.00 0.00	49.16 -0.95 0.00	45.21 -0.88 0.00	43.78 -0.89 0.00	43.19 -0.84 0.00	45.14 -0.88 0.00	46.47 -0.95 0.00	54.48 -1.11 0.00	67.60 -1.52 0.00	90.61 -1.85 0.00	79.87 -1.55 0.00	70.18 -1.36 0.00	63.05 -1.29 0.00	55.51 -1.19 0.00	51.43 -1.27 0.00	46.94 -1.15 0.00
INDECK___YERKES 23781	43.46 0.13 0.00	41.64 0.25 0.00	41.56 0.29 0.00	41.28 0.12 0.00	42.42 0.34 0.00	43.38 -0.52 0.00	58.43 -2.18 0.00	74.53 -1.99 0.00	54.23 -1.27 0.00	49.91 -0.20 0.00	46.23 0.14 0.00	44.54 -0.13 0.00	44.21 0.18 0.00	46.29 0.28 0.00	47.09 -0.33 0.00	54.59 -1.00 0.00	67.53 -1.59 0.00	90.23 -2.22 0.00	79.70 -1.71 0.00	70.61 -0.93 0.00	63.57 -0.77 0.00	56.88 0.17 0.00	52.22 -0.48 0.00	48.24 0.14 0.00
INDIAN POINT_GT_1 24139	45.46 2.12 0.00	43.33 1.95 0.00	43.17 1.90 0.00	43.05 1.89 0.00	43.89 1.81 0.00	45.83 1.93 0.00	63.70 3.09 0.00	80.19 3.67 0.00	58.00 2.50 0.00	52.57 2.46 0.00	48.49 2.40 0.00	47.04 2.37 0.00	46.45 2.42 0.00	48.31 2.30 0.00	49.84 2.42 0.00	58.09 2.50 0.00	72.09 2.97 0.00	96.80 4.35 0.00	85.08 3.66 0.00	74.62 3.08 0.00	66.85 2.51 0.00	59.09 2.38 0.00	54.86 2.16 0.00	49.97 1.88 0.00
INDIAN POINT_GT_2 23659	45.46 2.12 0.00	43.33 1.95 0.00	43.17 1.90 0.00	43.05 1.89 0.00	43.89 1.81 0.00	45.83 1.93 0.00	63.70 3.09 0.00	80.19 3.67 0.00	58.00 2.50 0.00	52.57 2.46 0.00	48.49 2.40 0.00	47.04 2.37 0.00	46.45 2.42 0.00	48.31 2.30 0.00	49.84 2.42 0.00	58.09 2.50 0.00	72.09 2.97 0.00	96.80 4.35 0.00	85.08 3.66 0.00	74.62 3.08 0.00	66.85 2.51 0.00	59.09 2.38 0.00	54.86 2.16 0.00	49.97 1.88 0.00
INDIAN POINT_GT_3 24019	45.46 2.12 0.00	43.33 1.95 0.00	43.17 1.90 0.00	43.05 1.89 0.00	43.89 1.81 0.00	45.83 1.93 0.00	63.70 3.09 0.00	80.19 3.67 0.00	58.00 2.50 0.00	52.57 2.46 0.00	48.49 2.40 0.00	47.04 2.37 0.00	46.45 2.42 0.00	48.31 2.30 0.00	49.84 2.42 0.00	58.09 2.50 0.00	72.09 2.97 0.00	96.80 4.35 0.00	85.08 3.66 0.00	74.62 3.08 0.00	66.85 2.51 0.00	59.09 2.38 0.00	54.86 2.16 0.00	49.97 1.88 0.00
INDIAN POINT___2 23530	45.46 2.12 0.00	43.33 1.95 0.00	43.13 1.86 0.00	43.01 1.85 0.00	43.85 1.77 0.00	45.83 1.93 0.00	63.75 3.15 0.00	80.19 3.67 0.00	58.11 2.61 0.00	52.62 2.50 0.00	48.53 2.44 0.00	47.04 2.37 0.00	46.36 2.33 0.00	48.36 2.35 0.00	49.84 2.42 0.00	58.20 2.61 0.00	72.02 2.90 0.00	96.80 4.35 0.00	85.08 3.67 0.00	74.62 3.07 0.00	66.91 2.58 0.00	59.03 2.33 0.00	54.86 2.16 0.00	49.92 1.83 0.00
INDIAN POINT___3 23531	45.41 2.08 0.00	43.29 1.90 0.00	43.12 1.86 0.00	43.01 1.85 0.00	43.85 1.77 0.00	45.83 1.93 0.00	63.57 2.97 0.00	80.03 3.52 0.00	57.94 2.44 0.00	52.52 2.41 0.00	48.44 2.35 0.00	47.00 2.32 0.00	46.41 2.38 0.00	48.27 2.25 0.00	49.79 2.37 0.00	58.04 2.45 0.00	71.95 2.83 0.00	96.61 4.16 0.00	84.92 3.50 0.00	74.48 2.93 0.00	66.72 2.38 0.00	59.03 2.32 0.00	54.75 2.06 0.00	49.93 1.83 0.00
INGHAM_C_115KV_TB7 356103	45.37 2.04 0.00	43.33 1.95 0.00	43.25 1.98 0.00	43.14 1.98 0.00	44.15 2.06 0.00	46.14 2.24 0.00	63.57 2.97 0.00	80.42 3.90 0.00	58.16 2.66 0.00	52.52 2.41 0.00	48.49 2.40 0.00	46.95 2.28 0.00	46.23 2.20 0.00	48.36 2.35 0.00	49.88 2.47 0.00	58.54 2.95 0.00	72.99 3.87 0.00	97.72 5.27 0.00	86.14 4.72 0.00	75.77 4.22 0.00	68.20 3.86 0.00	60.22 3.52 0.00	55.97 3.27 0.00	51.18 3.08 0.00
IP CORINTH___1 23988	46.11 2.77 0.00	44.03 2.65 0.00	43.91 2.64 0.00	43.88 2.72 0.00	44.69 2.61 0.00	46.67 2.77 0.00	64.79 4.18 0.00	81.72 5.20 0.00	58.78 3.27 0.00	52.82 2.71 0.00	48.30 2.21 0.00	46.73 2.05 0.00	46.01 1.98 0.00	47.99 1.98 0.00	49.55 2.13 0.00	58.48 2.89 0.00	73.27 4.15 0.00	98.09 5.64 0.00	86.22 4.80 0.00	75.55 4.01 0.00	68.20 3.86 0.00	59.94 3.23 0.00	55.70 3.00 0.00	50.79 2.69 0.00
IP___TICONDEROGA 23804	47.80 4.46 0.00	45.65 4.26 0.00	45.48 4.21 0.00	45.48 4.32 0.00	46.29 4.21 0.00	48.47 4.57 0.00	67.51 6.91 0.00	85.16 8.65 0.00	60.72 5.22 0.00	54.42 4.31 0.00	49.64 3.55 0.00	47.93 3.26 0.00	47.11 3.08 0.00	49.19 3.17 0.00	50.79 3.37 0.00	60.20 4.61 0.00	75.89 6.77 0.00	102.07 9.62 0.00	89.72 8.30 0.00	78.63 7.08 0.00	70.90 6.56 0.00	62.15 5.44 0.00	57.76 5.06 0.00	52.71 4.62 0.00
ISLIP_RES_REC 323679	47.94 4.59 -0.02	45.53 4.14 -0.01	45.06 3.79 0.00	44.87 3.71 0.00	46.04 3.95 0.00	48.12 4.22 0.00	66.06 5.46 0.00	81.56 5.05 0.00	61.10 5.60 0.00	55.07 4.96 0.00	50.93 4.84 0.00	49.14 4.47 0.00	48.75 4.71 -0.01	51.04 5.02 -0.02	59.25 5.02 -6.81	62.91 5.61 -1.71	76.14 6.98 -0.04	102.21 9.71 -0.05	90.01 8.55 -0.04	81.93 7.15 -3.24	70.62 6.24 -0.04	64.23 5.67 -1.86	58.39 5.06 -0.63	52.78 4.66 -0.02

JAMAICA__27_KV_LOAD 355505	45.85 2.51 0.00	43.62 2.23 0.00	43.41 2.15 0.00	43.26 2.10 0.00	44.10 2.02 0.00	46.27 2.37 0.00	64.36 3.76 0.00	81.03 4.51 0.00	59.11 3.61 0.00	53.57 3.46 0.00	49.41 3.32 0.00	47.73 3.04 -0.02	47.40 3.21 -0.16	49.19 3.17 0.00	50.80 3.37 -0.02	59.20 3.61 0.00	72.99 3.87 0.00	98.00 5.55 0.00	86.30 4.89 0.00	75.62 4.08 0.00	67.55 3.22 0.00	60.05 3.35 0.00	55.65 2.95 0.00	50.55 2.45 0.00
JANIS__SOLAR 323808	45.33 1.99 0.00	43.37 1.99 0.00	43.21 1.94 0.00	43.06 1.89 0.00	44.23 2.15 0.00	46.36 2.46 0.00	64.54 3.94 0.00	81.87 5.35 0.00	58.72 3.22 0.00	52.72 2.60 0.00	48.21 2.12 0.00	46.59 1.92 0.00	45.84 1.81 0.00	48.03 2.02 0.00	49.60 2.18 0.00	58.70 3.11 0.00	73.55 4.43 0.00	99.20 6.75 0.00	87.03 5.61 0.00	76.55 5.01 0.00	68.84 4.50 0.00	60.34 3.63 0.00	55.59 2.90 0.00	50.79 2.69 0.00
JARVIS____ 23743	43.55 0.22 0.00	41.59 0.21 0.00	41.52 0.25 0.00	41.37 0.21 0.00	42.30 0.21 0.00	44.12 0.22 0.00	60.91 0.30 0.00	76.90 0.38 0.00	55.72 0.22 0.00	50.36 0.25 0.00	46.32 0.23 0.00	44.85 0.18 0.00	44.21 0.18 0.00	46.20 0.18 0.00	47.66 0.24 0.00	55.87 0.28 0.00	69.47 0.35 0.00	92.92 0.46 0.00	81.83 0.41 0.00	71.90 0.36 0.00	64.60 0.26 0.00	56.99 0.28 0.00	52.91 0.21 0.00	48.29 0.19 0.00
JENNISON____1 23625	45.24 1.91 0.00	43.33 1.95 0.00	43.21 1.94 0.00	43.10 1.93 0.00	44.23 2.15 0.00	46.32 2.41 0.00	65.09 4.48 0.00	82.56 6.04 0.00	59.27 3.77 0.00	53.52 3.41 0.00	49.18 3.09 0.00	47.53 2.86 0.00	46.67 2.64 0.00	48.96 2.94 0.00	50.50 3.08 0.00	59.76 4.17 0.00	74.86 5.74 0.00	100.68 8.23 0.00	87.12 5.70 0.00	76.55 5.01 0.00	68.84 4.50 0.00	60.22 3.52 0.00	55.65 2.95 0.00	50.94 2.84 0.00
JENNISON____2 23626	45.24 1.91 0.00	43.33 1.95 0.00	43.21 1.94 0.00	43.10 1.93 0.00	44.23 2.15 0.00	46.32 2.41 0.00	65.09 4.48 0.00	82.56 6.04 0.00	59.27 3.77 0.00	53.52 3.41 0.00	49.18 3.09 0.00	47.53 2.86 0.00	46.67 2.64 0.00	48.96 2.94 0.00	50.50 3.08 0.00	59.76 4.17 0.00	74.86 5.74 0.00	100.68 8.23 0.00	87.12 5.70 0.00	76.55 5.01 0.00	68.84 4.50 0.00	60.22 3.52 0.00	55.65 2.95 0.00	50.94 2.84 0.00
JERICOHO_RISE_WT_PWR 323719	41.82 -1.52 0.00	39.98 -1.41 0.00	39.82 -1.45 0.00	39.84 -1.32 0.00	40.82 -1.26 0.00	42.81 -1.10 0.00	58.85 -1.76 0.00	74.45 -2.06 0.00	54.06 -1.44 0.00	48.96 -1.15 0.00	44.94 -1.15 0.00	43.69 -0.98 0.00	42.97 -1.06 0.00	44.95 -1.06 0.00	46.42 -1.00 0.00	54.48 -1.11 0.00	68.09 -1.03 0.00	91.25 -1.20 0.00	80.44 -0.97 0.00	70.83 -0.72 0.00	63.89 -0.45 0.00	56.37 -0.34 0.00	52.75 0.05 0.00	48.29 0.19 0.00
KATONAH__115KV_46KV_TB4 355592	45.63 2.30 0.00	43.54 2.15 0.00	43.33 2.06 0.00	43.26 2.10 0.00	44.06 1.98 0.00	46.05 2.15 0.00	64.12 3.52 0.00	80.72 4.21 0.00	58.33 2.83 0.00	52.72 2.61 0.00	48.67 2.58 0.00	47.18 2.50 0.00	46.59 2.55 0.00	48.50 2.48 0.00	49.98 2.56 0.00	58.43 2.84 0.00	72.44 3.32 0.00	97.26 4.81 0.00	85.57 4.15 0.00	75.05 3.51 0.00	67.17 2.83 0.00	59.37 2.67 0.00	55.12 2.42 0.00	50.21 2.12 0.00
KCE_NY_1 323755	45.59 2.25 0.00	43.54 2.15 0.00	43.41 2.14 0.00	43.34 2.18 0.00	44.15 2.06 0.00	46.10 2.19 0.00	63.81 3.21 0.00	80.42 3.90 0.00	58.05 2.55 0.00	52.17 2.06 0.00	47.75 1.66 0.00	46.19 1.52 0.00	45.53 1.50 0.00	47.62 1.61 0.00	49.17 1.76 0.00	57.92 2.33 0.00	72.58 3.45 0.00	96.98 4.53 0.00	85.33 3.91 0.00	74.84 3.29 0.00	67.36 3.02 0.00	59.20 2.49 0.00	55.01 2.32 0.00	50.16 2.07 0.00
KCE_NY_6_ESR 323823	43.46 0.13 0.00	41.76 0.37 0.00	41.60 0.33 0.00	41.37 0.21 0.00	42.51 0.42 0.00	43.68 -0.22 0.00	59.03 -1.58 0.00	75.21 -1.30 0.00	54.61 -0.89 0.00	50.16 0.05 0.00	46.55 0.46 0.00	44.81 0.13 0.00	44.47 0.44 0.00	46.57 0.55 0.00	47.32 -0.09 0.00	54.93 -0.66 0.00	68.09 -1.03 0.00	91.07 -1.38 0.00	80.44 -0.97 0.00	71.26 -0.72 0.00	64.08 -0.26 0.00	57.27 0.57 0.00	52.59 -0.11 0.00	48.58 0.48 0.00
KEDC_PORT_JEFF_GT2 24210	47.55 4.20 -0.02	45.20 3.81 -0.01	44.73 3.47 0.00	44.54 3.38 0.00	45.70 3.62 0.00	47.77 3.86 0.00	65.39 4.79 0.00	80.64 4.13 0.00	60.55 5.05 0.00	54.62 4.51 0.00	50.52 4.43 0.00	48.78 4.11 0.00	48.36 4.32 -0.01	50.63 4.60 -0.02	58.80 4.55 -6.83	62.76 5.17 -2.00	75.25 6.08 -0.05	100.65 8.14 -0.06	88.63 7.17 -0.05	81.50 6.08 -3.88	69.92 5.53 -0.05	64.19 5.16 -2.32	57.92 4.58 -0.64	52.35 4.23 -0.02
KEDC_PORT_JEFF_GT3 24211	47.55 4.20 -0.02	45.20 3.81 -0.01	44.73 3.47 0.00	44.54 3.38 0.00	45.70 3.62 0.00	47.77 3.86 0.00	65.39 4.79 0.00	80.64 4.13 0.00	60.55 5.05 0.00	54.62 4.51 0.00	50.52 4.43 0.00	48.78 4.11 0.00	48.36 4.32 -0.01	50.63 4.60 -0.02	58.80 4.55 -6.83	62.76 5.17 -2.00	75.25 6.08 -0.05	100.65 8.14 -0.06	88.63 7.17 -0.05	81.50 6.08 -3.88	69.92 5.53 -0.05	64.19 5.16 -2.32	57.92 4.58 -0.64	52.35 4.23 -0.02
KEDC_GLWD_GT4 24219	46.38 3.03 -0.01	44.16 2.77 -0.01	43.87 2.60 0.00	43.71 2.55 0.00	44.70 2.61 0.00	46.67 2.77 0.00	64.67 4.06 0.00	80.87 4.36 0.00	59.28 3.78 0.00	53.62 3.51 0.00	49.55 3.46 0.00	47.98 3.31 0.00	47.38 3.34 -0.01	49.52 3.50 -0.01	55.87 3.42 -5.03	59.81 3.83 -0.39	73.76 4.63 -0.01	99.03 6.56 -0.01	87.04 5.61 -0.01	76.28 4.72 -0.01	68.46 4.12 -0.01	60.35 3.63 -0.01	56.35 3.22 -0.44	50.99 2.89 -0.01
KEDC_GLWD_GT5 24220	46.38 3.03 -0.01	44.16 2.77 -0.01	43.87 2.60 0.00	43.71 2.55 0.00	44.70 2.61 0.00	46.67 2.77 0.00	64.67 4.06 0.00	80.87 4.36 0.00	59.28 3.78 0.00	53.62 3.51 0.00	49.55 3.46 0.00	47.98 3.31 0.00	47.38 3.34 -0.01	49.52 3.50 -0.01	55.87 3.42 -5.03	59.81 3.83 -0.39	73.76 4.63 -0.01	99.03 6.56 -0.01	87.04 5.61 -0.01	76.28 4.72 -0.01	68.46 4.12 -0.01	60.35 3.63 -0.01	56.35 3.22 -0.44	50.99 2.89 -0.01
KENSICO____ 23655	45.59 2.25 0.00	43.46 2.07 0.00	43.25 1.98 0.00	43.18 2.02 0.00	44.02 1.94 0.00	45.97 2.06 0.00	63.88 3.27 0.00	80.42 3.90 0.00	58.22 2.72 0.00	52.77 2.66 0.00	48.72 2.63 0.00	47.22 2.55 0.00	46.67 2.64 0.00	48.54 2.53 0.00	50.07 2.66 0.00	58.37 2.78 0.00	72.30 3.18 0.00	97.08 4.62 0.00	85.33 3.91 0.00	74.84 3.29 0.00	67.04 2.70 0.00	59.26 2.55 0.00	55.02 2.32 0.00	50.17 2.07 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	45.76 2.43 0.00	43.62 2.23 0.00	43.45 2.19 0.00	43.34 2.18 0.00	44.23 2.15 0.00	46.23 2.33 0.00	64.54 3.94 0.00	81.18 4.67 0.00	58.55 3.05 0.00	52.87 2.76 0.00	48.58 2.49 0.00	47.09 2.41 0.00	46.45 2.42 0.00	48.36 2.35 0.00	49.93 2.51 0.00	58.37 2.78 0.00	72.71 3.59 0.00	97.91 5.45 0.00	85.98 4.56 0.00	75.26 3.72 0.00	67.49 3.15 0.00	59.66 2.95 0.00	55.28 2.58 0.00	50.31 2.21 0.00

KIAC_JFK_GT1 23816	45.63 2.30 0.00	43.41 2.03 0.00	43.17 1.90 0.00	43.01 1.85 0.00	43.89 1.81 0.00	46.01 2.11 0.00	63.76 3.15 0.00	80.26 3.75 0.00	58.72 3.22 0.00	53.27 3.16 0.00	49.13 3.04 0.00	47.46 2.77 -0.02	47.14 2.95 -0.16	48.96 2.94 0.00	50.56 3.13 -0.02	58.87 3.28 0.00	72.23 3.11 0.00	97.08 4.62 0.00	85.41 3.99 0.00	74.84 3.29 0.00	66.91 2.57 0.00	59.71 3.01 0.00	55.33 2.63 0.00	50.26 2.16 0.00
KIAC_JFK_GT2 23817	45.63 2.30 0.00	43.41 2.03 0.00	43.17 1.90 0.00	43.01 1.85 0.00	43.89 1.81 0.00	46.01 2.11 0.00	63.76 3.15 0.00	80.26 3.75 0.00	58.72 3.22 0.00	53.27 3.16 0.00	49.13 3.04 0.00	47.46 2.77 -0.02	47.14 2.95 -0.16	48.96 2.94 0.00	50.56 3.13 -0.02	58.87 3.28 0.00	72.23 3.11 0.00	97.08 4.62 0.00	85.41 3.99 0.00	74.84 3.29 0.00	66.91 2.57 0.00	59.71 3.01 0.00	55.33 2.63 0.00	50.26 2.16 0.00
KIAC_JFK____ 323774	45.63 2.30 0.00	43.41 2.03 0.00	43.17 1.90 0.00	43.01 1.85 0.00	43.89 1.81 0.00	46.01 2.11 0.00	63.88 3.27 0.00	80.42 3.90 0.00	58.89 3.39 0.00	53.33 3.21 -0.01	49.24 3.14 -0.01	47.51 2.82 -0.02	46.92 2.73 -0.16	49.05 3.04 0.00	50.51 3.08 -0.02	59.09 3.50 0.00	72.30 3.18 0.00	97.17 4.71 0.00	85.57 4.15 0.00	74.98 3.43 0.00	67.16 2.83 0.00	59.60 2.89 0.00	55.44 2.74 0.00	50.26 2.17 0.00
KINTIGH__24_KV_GSU 356498	43.07 -0.26 0.00	41.18 -0.21 0.00	41.06 -0.21 0.00	40.83 -0.33 0.00	41.92 -0.17 0.00	43.11 -0.79 0.00	58.18 -2.43 0.00	73.91 -2.60 0.00	53.84 -1.66 0.00	49.41 -0.70 0.00	45.72 -0.37 0.00	44.23 -0.45 0.00	43.81 -0.22 0.00	45.69 -0.32 0.00	46.61 -0.81 0.00	54.20 -1.39 0.00	66.98 -2.14 0.00	89.49 -2.96 0.00	78.89 -2.52 0.00	69.83 -1.72 0.00	62.92 -1.42 0.00	56.08 -0.62 0.00	51.54 -1.16 0.00	47.57 -0.53 0.00
KINTIGH____ 23543	43.07 -0.26 0.00	41.18 -0.21 0.00	41.02 -0.25 0.00	40.83 -0.33 0.00	41.92 -0.17 0.00	43.07 -0.83 0.00	58.18 -2.42 0.00	73.61 -2.91 0.00	53.67 -1.83 0.00	49.36 -0.75 0.00	45.72 -0.37 0.00	44.00 -0.67 0.00	42.97 -1.06 0.00	45.69 -0.32 0.00	46.23 -1.19 0.00	54.03 -1.56 0.00	66.98 -2.14 0.00	88.76 -3.70 0.00	78.49 -2.93 0.00	69.40 -2.15 0.00	62.86 -1.48 0.00	55.01 -1.70 0.00	51.54 -1.16 0.00	47.57 -0.53 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	42.21 -1.13 0.00	40.35 -1.03 0.00	40.15 -1.11 0.00	40.26 -0.91 0.00	41.24 -0.84 0.00	43.29 -0.61 0.00	59.94 -0.67 0.00	76.21 -0.31 0.00	55.33 -0.17 0.00	49.76 -0.35 0.00	45.63 -0.46 0.00	44.36 -0.31 0.00	43.68 -0.35 0.00	45.64 -0.37 0.00	47.18 -0.24 0.00	55.65 0.06 0.00	69.60 0.48 0.00	93.38 0.92 0.00	82.31 0.90 0.00	72.47 0.93 0.00	65.37 1.03 0.00	57.67 0.96 0.00	53.65 0.95 0.00	48.82 0.72 0.00
LACHUTE____HYDRO 323717	47.80 4.46 0.00	45.65 4.26 0.00	45.48 4.21 0.00	45.48 4.32 0.00	46.29 4.21 0.00	48.47 4.57 0.00	67.57 6.97 0.00	85.31 8.80 0.00	60.83 5.33 0.00	54.47 4.36 0.00	49.69 3.60 0.00	47.98 3.31 0.00	47.11 3.08 0.00	49.23 3.22 0.00	50.83 3.42 0.00	60.26 4.67 0.00	76.03 6.91 0.00	102.16 9.71 0.00	89.88 8.47 0.00	78.70 7.15 0.00	71.03 6.69 0.00	62.21 5.50 0.00	57.81 5.11 0.00	52.72 4.62 0.00
LAWRNCV_115KV_TB1 80681	43.16 -0.17 0.00	41.26 -0.12 0.00	41.10 -0.17 0.00	41.12 -0.04 0.00	42.17 0.08 0.00	44.17 0.26 0.00	60.79 0.18 0.00	77.43 0.92 0.00	56.17 0.67 0.00	50.46 0.35 0.00	46.32 0.23 0.00	45.03 0.36 0.00	44.30 0.26 0.00	46.29 0.28 0.00	47.61 0.19 0.00	55.70 0.11 0.00	69.12 0.00 0.00	92.64 0.18 0.00	81.58 0.16 0.00	71.97 0.43 0.00	65.11 0.77 0.00	57.73 1.02 0.00	53.81 1.11 0.00	49.06 0.96 0.00
LEDERLE____ 23769	45.59 2.25 0.00	43.46 2.07 0.00	43.29 2.02 0.00	43.18 2.02 0.00	44.02 1.94 0.00	46.01 2.11 0.00	63.88 3.27 0.00	80.42 3.90 0.00	58.16 2.66 0.00	52.72 2.61 0.00	48.63 2.54 0.00	47.18 2.50 0.00	46.59 2.55 0.00	48.45 2.44 0.00	49.98 2.56 0.00	58.20 2.61 0.00	72.30 3.18 0.00	97.08 4.62 0.00	85.33 3.91 0.00	74.76 3.22 0.00	67.04 2.70 0.00	59.26 2.55 0.00	54.96 2.27 0.00	50.12 2.02 0.00
LIGHTHSE_115KV_TB6 355974	42.94 -0.39 0.00	41.01 -0.37 0.00	40.90 -0.37 0.00	40.71 -0.45 0.00	41.79 -0.29 0.00	43.59 -0.31 0.00	60.18 -0.42 0.00	76.51 0.00 0.00	55.28 -0.22 0.00	49.86 -0.25 0.00	45.82 -0.28 0.00	44.36 -0.31 0.00	43.68 -0.35 0.00	45.69 -0.32 0.00	47.09 -0.33 0.00	55.15 -0.44 0.00	68.50 -0.62 0.00	92.08 -0.37 0.00	81.17 -0.24 0.00	71.33 -0.21 0.00	64.21 -0.13 0.00	56.42 -0.28 0.00	52.33 -0.37 0.00	47.81 -0.29 0.00
LINDEN COGEN____ 23786	45.59 2.25 0.00	43.37 1.99 0.00	43.17 1.90 0.00	43.06 1.89 0.00	43.89 1.81 0.00	45.92 2.02 0.00	64.18 3.57 0.00	80.64 4.13 0.00	58.50 2.99 0.00	53.03 2.91 -0.01	48.96 2.86 -0.01	47.46 2.77 -0.02	46.92 2.73 -0.16	48.77 2.76 0.00	50.28 2.84 -0.02	58.65 3.06 0.00	72.37 3.25 0.00	97.17 4.71 0.00	85.41 3.99 0.00	74.84 3.29 0.00	67.16 2.83 0.00	59.26 2.55 0.00	55.12 2.43 0.00	50.16 2.07 0.00
LINDHRST_69_KV_BK1 356055	47.64 4.29 -0.01	45.33 3.93 -0.01	44.86 3.59 0.00	44.66 3.50 0.00	45.79 3.70 0.00	47.85 3.95 0.00	65.21 4.61 0.00	81.41 4.90 0.00	60.33 4.83 0.00	54.72 4.61 0.00	50.61 4.52 0.00	48.92 4.24 0.00	48.57 4.54 -0.01	50.67 4.65 -0.01	58.54 4.55 -6.57	60.95 4.78 -0.58	75.49 6.36 -0.01	101.44 8.97 -0.02	89.32 7.90 -0.01	78.44 6.51 -0.39	69.94 5.60 -0.01	61.93 5.10 -0.12	57.70 4.43 -0.58	52.44 4.33 -0.01
LIPA_MISC_IPP 23656	47.73 4.38 -0.02	45.33 3.93 -0.01	44.86 3.59 0.00	44.66 3.50 0.00	45.83 3.75 0.00	47.90 4.00 0.00	65.09 4.48 0.00	81.03 4.51 0.00	60.27 4.77 0.00	54.67 4.56 0.00	50.52 4.42 0.00	48.78 4.11 0.00	48.49 4.45 -0.01	50.63 4.60 -0.02	58.95 4.69 -6.84	62.66 5.17 -1.90	75.73 6.57 -0.05	101.66 9.15 -0.05	89.44 7.98 -0.05	82.14 6.80 -3.80	70.17 5.79 -0.05	64.31 5.44 -2.16	58.03 4.69 -0.64	52.54 4.42 -0.02
LISF____SOLAR 323691	47.81 4.46 -0.02	45.41 4.01 -0.01	44.94 3.67 0.00	44.74 3.58 0.00	45.91 3.83 0.00	47.99 4.08 0.00	65.88 5.27 0.00	81.34 4.82 0.00	60.78 5.28 0.00	54.82 4.71 0.00	50.70 4.61 0.00	48.87 4.20 0.00	48.48 4.45 -0.01	50.77 4.74 -0.02	59.04 4.79 -6.84	62.94 5.45 -1.89	75.95 6.78 -0.05	102.03 9.52 -0.05	89.77 8.31 -0.05	82.45 7.15 -3.75	70.56 6.18 -0.05	64.47 5.62 -2.15	58.29 4.95 -0.64	52.63 4.52 -0.02
LITTLE FALLS____HYD 24013	45.37 2.04 0.00	43.33 1.95 0.00	43.25 1.98 0.00	43.14 1.98 0.00	44.15 2.06 0.00	46.14 2.24 0.00	63.57 2.97 0.00	80.42 3.90 0.00	58.16 2.66 0.00	52.52 2.41 0.00	48.49 2.40 0.00	46.95 2.28 0.00	46.23 2.20 0.00	48.36 2.35 0.00	49.88 2.47 0.00	58.54 2.95 0.00	72.99 3.87 0.00	97.72 5.27 0.00	86.14 4.72 0.00	75.77 4.22 0.00	68.20 3.86 0.00	60.22 3.52 0.00	55.97 3.27 0.00	51.18 3.08 0.00

LITTLRIV_115KV_TB1 356100	43.64 0.30 0.00	41.80 0.41 0.00	41.60 0.33 0.00	41.61 0.45 0.00	42.72 0.63 0.00	44.78 0.88 0.00	61.70 1.09 0.00	78.73 2.22 0.00	56.83 1.33 0.00	50.91 0.80 0.00	46.69 0.60 0.00	45.34 0.67 0.00	44.60 0.57 0.00	46.61 0.60 0.00	47.99 0.57 0.00	56.20 0.61 0.00	69.95 0.83 0.00	94.03 1.57 0.00	82.96 1.55 0.00	73.19 1.65 0.00	66.20 1.87 0.00	58.64 1.93 0.00	54.54 1.84 0.00	49.73 1.64 0.00
LI_NEWBRDGE___DRP 323616	46.64 3.29 -0.02	44.50 3.10 -0.01	44.07 2.81 0.00	43.92 2.76 0.00	44.99 2.90 0.00	46.98 3.07 0.00	64.00 3.39 0.00	79.96 3.44 0.00	59.22 3.72 0.00	53.77 3.66 0.00	49.73 3.64 0.00	48.11 3.44 0.00	47.74 3.70 -0.01	49.66 3.63 -0.02	57.83 3.46 -6.95	59.80 3.67 -0.54	73.97 4.84 -0.01	99.22 6.75 -0.02	87.29 5.86 -0.01	76.43 4.87 -0.02	68.59 4.25 -0.01	60.68 3.97 -0.01	56.52 3.21 -0.61	51.34 3.22 -0.02
LOCKPORT_115KV_TB60_63_64 80432	43.03 -0.30 0.00	41.22 -0.17 0.00	41.23 -0.04 0.00	40.87 -0.29 0.00	41.96 -0.13 0.00	43.02 -0.88 0.00	57.94 -2.67 0.00	73.45 -3.06 0.00	53.50 -2.00 0.00	49.36 -0.75 0.00	45.72 -0.37 0.00	43.87 -0.80 0.00	42.80 -1.23 0.00	45.73 -0.28 0.00	46.14 -1.28 0.00	53.81 -1.78 0.00	66.84 -2.28 0.00	88.57 -3.88 0.00	78.32 -3.09 0.00	69.33 -2.22 0.00	62.92 -1.42 0.00	55.01 -1.70 0.00	51.64 -1.05 0.00	47.76 -0.34 0.00
LOCKPORT___CC1 323769	43.07 -0.26 0.00	41.39 0.00 0.00	41.10 -0.16 0.00	40.87 -0.29 0.00	41.96 -0.13 0.00	43.02 -0.88 0.00	57.94 -2.67 0.00	73.76 -2.75 0.00	53.67 -1.83 0.00	49.41 -0.70 0.00	45.77 -0.32 0.00	44.14 -0.53 0.00	43.77 -0.26 0.00	45.78 -0.23 0.00	46.57 -0.85 0.00	54.03 -1.56 0.00	66.77 -2.35 0.00	89.31 -3.14 0.00	78.89 -2.52 0.00	69.90 -1.64 0.00	62.92 -1.42 0.00	56.31 -0.39 0.00	51.70 -1.00 0.00	47.76 -0.33 0.00
LOCKPORT___CC2 323770	43.07 -0.26 0.00	41.39 0.00 0.00	41.10 -0.16 0.00	40.87 -0.29 0.00	41.96 -0.13 0.00	43.02 -0.88 0.00	57.94 -2.67 0.00	73.76 -2.75 0.00	53.67 -1.83 0.00	49.41 -0.70 0.00	45.77 -0.32 0.00	44.14 -0.53 0.00	43.77 -0.26 0.00	45.78 -0.23 0.00	46.57 -0.85 0.00	54.03 -1.56 0.00	66.77 -2.35 0.00	89.31 -3.14 0.00	78.89 -2.52 0.00	69.90 -1.64 0.00	62.92 -1.42 0.00	56.31 -0.39 0.00	51.70 -1.00 0.00	47.76 -0.33 0.00
LOCKPORT___CC3 323771	43.07 -0.26 0.00	41.39 0.00 0.00	41.10 -0.16 0.00	40.87 -0.29 0.00	41.96 -0.13 0.00	43.02 -0.88 0.00	57.94 -2.67 0.00	73.76 -2.75 0.00	53.67 -1.83 0.00	49.41 -0.70 0.00	45.77 -0.32 0.00	44.14 -0.53 0.00	43.77 -0.26 0.00	45.78 -0.23 0.00	46.57 -0.85 0.00	54.03 -1.56 0.00	66.77 -2.35 0.00	89.31 -3.14 0.00	78.89 -2.52 0.00	69.90 -1.64 0.00	62.92 -1.42 0.00	56.31 -0.39 0.00	51.70 -1.00 0.00	47.76 -0.33 0.00
LOCUSVLY_69_KV_BK2 55797	46.77 3.42 -0.01	44.54 3.15 -0.01	44.20 2.93 0.00	44.04 2.88 0.00	45.03 2.95 0.00	47.06 3.16 0.00	64.54 3.94 0.00	80.80 4.28 0.00	59.44 3.94 0.00	53.97 3.86 0.00	49.87 3.78 0.00	48.29 3.62 0.00	47.87 3.83 -0.01	49.84 3.82 -0.01	56.78 3.84 -5.52	60.13 4.11 -0.43	74.31 5.18 -0.01	99.68 7.21 -0.01	87.69 6.27 -0.01	76.71 5.29 0.13	68.78 4.44 -0.01	60.85 4.14 -0.01	56.77 3.58 -0.48	51.48 3.37 -0.01
LONG_LAKE_PHOENIX 24014	42.64 -0.69 0.00	40.72 -0.66 0.00	40.57 -0.70 0.00	40.42 -0.74 0.00	41.41 -0.67 0.00	43.20 -0.70 0.00	59.57 -1.03 0.00	75.21 -1.30 0.00	54.67 -0.83 0.00	49.36 -0.75 0.00	45.40 -0.69 0.00	43.96 -0.71 0.00	43.28 -0.75 0.00	45.32 -0.69 0.00	46.56 -0.85 0.00	54.65 -0.95 0.00	67.88 -1.24 0.00	90.79 -1.66 0.00	80.03 -1.38 0.00	70.33 -1.22 0.00	63.24 -1.09 0.00	55.52 -1.19 0.00	51.59 -1.11 0.00	47.09 -1.01 0.00
LOVETT___3 23632	45.41 2.08 0.00	43.29 1.90 0.00	43.12 1.86 0.00	43.01 1.85 0.00	43.85 1.77 0.00	45.79 1.89 0.00	63.51 2.91 0.00	79.96 3.44 0.00	57.89 2.39 0.00	52.47 2.36 0.00	48.40 2.30 0.00	46.95 2.28 0.00	46.37 2.33 0.00	48.22 2.21 0.00	49.74 2.32 0.00	57.98 2.39 0.00	71.89 2.76 0.00	96.52 4.07 0.00	84.84 3.42 0.00	74.41 2.86 0.00	66.65 2.32 0.00	58.92 2.21 0.00	54.70 2.00 0.00	49.88 1.78 0.00
LOVETT___4 23642	45.41 2.08 0.00	43.29 1.90 0.00	43.12 1.86 0.00	43.01 1.85 0.00	43.85 1.77 0.00	45.79 1.89 0.00	63.51 2.91 0.00	79.96 3.44 0.00	57.89 2.39 0.00	52.47 2.36 0.00	48.40 2.30 0.00	46.95 2.28 0.00	46.37 2.33 0.00	48.22 2.21 0.00	49.74 2.32 0.00	57.98 2.39 0.00	71.89 2.76 0.00	96.52 4.07 0.00	84.84 3.42 0.00	74.41 2.86 0.00	66.65 2.32 0.00	58.92 2.21 0.00	54.70 2.00 0.00	49.88 1.78 0.00
LOVETT___5 23593	45.41 2.08 0.00	43.29 1.90 0.00	43.12 1.86 0.00	43.01 1.85 0.00	43.85 1.77 0.00	45.79 1.89 0.00	63.51 2.91 0.00	79.96 3.44 0.00	57.89 2.39 0.00	52.47 2.36 0.00	48.40 2.30 0.00	46.95 2.28 0.00	46.37 2.33 0.00	48.22 2.21 0.00	49.74 2.32 0.00	57.98 2.39 0.00	71.89 2.76 0.00	96.52 4.07 0.00	84.84 3.42 0.00	74.41 2.86 0.00	66.65 2.32 0.00	58.92 2.21 0.00	54.70 2.00 0.00	49.88 1.78 0.00
LOWER_RAQUET___HYD 24057	43.07 -0.26 0.00	41.22 -0.16 0.00	41.06 -0.21 0.00	41.08 -0.08 0.00	42.13 0.04 0.00	44.12 0.22 0.00	60.54 -0.06 0.00	77.05 0.54 0.00	55.89 0.39 0.00	50.36 0.25 0.00	46.23 0.14 0.00	44.94 0.27 0.00	44.16 0.13 0.00	46.15 0.14 0.00	47.47 0.05 0.00	55.37 -0.22 0.00	68.64 -0.48 0.00	91.99 -0.46 0.00	81.01 -0.41 0.00	71.54 0.00 0.00	64.79 0.45 0.00	57.44 0.74 0.00	53.70 1.00 0.00	49.06 0.96 0.00
LOWER___HUDSON 24059	44.76 1.43 0.00	42.79 1.41 0.00	42.67 1.40 0.00	42.56 1.40 0.00	43.35 1.26 0.00	45.18 1.27 0.00	62.36 1.76 0.00	78.43 1.91 0.00	57.00 1.50 0.00	51.21 1.10 0.00	46.92 0.83 0.00	45.43 0.76 0.00	44.78 0.75 0.00	46.84 0.83 0.00	48.42 1.00 0.00	56.87 1.28 0.00	71.19 2.07 0.00	94.95 2.50 0.00	83.62 2.20 0.00	73.33 1.79 0.00	65.88 1.54 0.00	57.95 1.25 0.00	53.86 1.16 0.00	49.11 1.01 0.00
LOWVILLE_115KV_TB2 356335	43.25 -0.09 0.00	41.43 0.04 0.00	41.31 0.04 0.00	41.16 0.00 0.00	42.38 0.29 0.00	44.47 0.57 0.00	61.57 0.97 0.00	78.73 2.22 0.00	56.61 1.11 0.00	50.86 0.75 0.00	46.65 0.55 0.00	45.12 0.45 0.00	44.30 0.26 0.00	46.38 0.37 0.00	47.89 0.47 0.00	56.37 0.78 0.00	70.09 0.97 0.00	95.32 2.87 0.00	84.02 2.61 0.00	73.83 2.29 0.00	66.65 2.32 0.00	58.58 1.87 0.00	54.17 1.48 0.00	49.44 1.35 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	45.54 2.21 0.00	43.54 2.15 0.00	43.41 2.15 0.00	43.34 2.18 0.00	44.15 2.06 0.00	46.05 2.15 0.00	63.76 3.15 0.00	80.26 3.75 0.00	57.94 2.44 0.00	52.12 2.00 0.00	47.66 1.57 0.00	46.15 1.47 0.00	45.53 1.50 0.00	47.53 1.52 0.00	49.13 1.71 0.00	57.87 2.28 0.00	72.44 3.32 0.00	96.89 4.44 0.00	85.16 3.75 0.00	74.69 3.15 0.00	67.23 2.90 0.00	59.15 2.44 0.00	54.91 2.21 0.00	50.12 2.02 0.00

LUTHERNY_35_KV_BK2 355980	45.59 2.25 0.00	43.54 2.15 0.00	43.41 2.15 0.00	43.34 2.18 0.00	44.15 2.06 0.00	46.10 2.20 0.00	63.76 3.15 0.00	80.34 3.83 0.00	58.00 2.50 0.00	52.12 2.00 0.00	47.71 1.61 0.00	46.19 1.52 0.00	45.53 1.50 0.00	47.58 1.56 0.00	49.17 1.75 0.00	57.93 2.33 0.00	72.44 3.32 0.00	96.89 4.44 0.00	85.24 3.83 0.00	74.76 3.22 0.00	67.23 2.90 0.00	59.20 2.50 0.00	54.96 2.27 0.00	50.17 2.07 0.00
LWR___OSWEGATCHIE_HYD 23850	42.90 -0.43 0.00	41.05 -0.33 0.00	40.90 -0.37 0.00	40.83 -0.33 0.00	41.96 -0.13 0.00	44.03 0.13 0.00	60.60 0.00 0.00	77.43 0.92 0.00	55.94 0.44 0.00	50.21 0.10 0.00	46.18 0.09 0.00	44.76 0.09 0.00	44.03 0.00 0.00	46.01 0.00 0.00	47.42 0.00 0.00	55.59 0.00 0.00	68.77 -0.35 0.00	92.82 0.37 0.00	81.82 0.41 0.00	72.12 0.57 0.00	65.24 0.90 0.00	57.73 1.02 0.00	53.59 0.90 0.00	48.87 0.77 0.00
LYONS_FALL_HYD 23570	43.68 0.35 0.00	41.80 0.41 0.00	41.68 0.41 0.00	41.53 0.37 0.00	42.67 0.59 0.00	44.73 0.83 0.00	61.88 1.27 0.00	78.89 2.37 0.00	56.83 1.33 0.00	51.17 1.05 0.00	46.97 0.87 0.00	45.43 0.76 0.00	44.65 0.62 0.00	46.70 0.69 0.00	48.27 0.85 0.00	56.70 1.11 0.00	70.57 1.45 0.00	95.50 3.05 0.00	84.02 2.60 0.00	73.90 2.36 0.00	66.53 2.19 0.00	58.52 1.81 0.00	54.07 1.37 0.00	49.40 1.30 0.00
MADISON___COUNTY_LFGE 323628	44.50 1.17 0.00	42.59 1.20 0.00	42.46 1.20 0.00	42.31 1.15 0.00	43.39 1.30 0.00	45.39 1.49 0.00	62.85 2.24 0.00	79.65 3.14 0.00	57.50 2.00 0.00	51.82 1.70 0.00	47.61 1.52 0.00	46.06 1.38 0.00	45.31 1.28 0.00	47.44 1.43 0.00	48.94 1.52 0.00	57.48 1.89 0.00	71.61 2.49 0.00	96.15 3.70 0.00	84.51 3.09 0.00	74.19 2.65 0.00	66.78 2.44 0.00	58.58 1.87 0.00	54.23 1.53 0.00	49.59 1.49 0.00
MALONE___115KV_TB1 356076	42.51 -0.82 0.00	40.64 -0.74 0.00	40.44 -0.83 0.00	40.54 -0.62 0.00	41.58 -0.51 0.00	43.64 -0.26 0.00	60.36 -0.24 0.00	76.97 0.46 0.00	55.83 0.33 0.00	50.16 0.05 0.00	46.00 -0.09 0.00	44.76 0.09 0.00	43.99 -0.04 0.00	45.96 -0.05 0.00	47.47 0.05 0.00	55.87 0.28 0.00	69.74 0.62 0.00	93.56 1.11 0.00	82.39 0.98 0.00	72.62 1.07 0.00	65.56 1.22 0.00	57.95 1.25 0.00	53.91 1.21 0.00	49.06 0.96 0.00
MAPLEWOD_115KV_TB3 80458	44.76 1.43 0.00	42.75 1.37 0.00	42.63 1.36 0.00	42.52 1.36 0.00	43.35 1.26 0.00	45.18 1.27 0.00	62.36 1.76 0.00	78.50 1.99 0.00	56.89 1.39 0.00	51.21 1.10 0.00	47.01 0.92 0.00	45.57 0.89 0.00	44.96 0.92 0.00	46.93 0.92 0.00	48.46 1.04 0.00	56.98 1.39 0.00	71.06 1.94 0.00	94.86 2.40 0.00	83.45 2.04 0.00	73.19 1.65 0.00	65.88 1.54 0.00	58.12 1.42 0.00	54.02 1.32 0.00	49.25 1.15 0.00
MAPLE_RIDGE_WT_1 323574	42.55 -0.78 0.00	40.72 -0.66 0.00	40.65 -0.62 0.00	40.58 -0.58 0.00	41.54 -0.55 0.00	43.46 -0.44 0.00	60.06 -0.55 0.00	75.98 -0.53 0.00	55.11 -0.39 0.00	49.76 -0.35 0.00	45.72 -0.37 0.00	44.27 -0.40 0.00	43.55 -0.48 0.00	45.51 -0.51 0.00	46.94 -0.47 0.00	55.14 -0.45 0.00	68.78 -0.34 0.00	91.99 -0.46 0.00	81.09 -0.32 0.00	71.33 -0.21 0.00	64.21 -0.13 0.00	56.59 -0.11 0.00	52.65 -0.05 0.00	48.10 0.00 0.00
MAPLE_RIDGE_WT_2 323611	42.55 -0.78 0.00	40.72 -0.66 0.00	40.65 -0.62 0.00	40.58 -0.58 0.00	41.54 -0.55 0.00	43.46 -0.44 0.00	60.06 -0.55 0.00	75.98 -0.53 0.00	55.11 -0.39 0.00	49.76 -0.35 0.00	45.72 -0.37 0.00	44.27 -0.40 0.00	43.55 -0.48 0.00	45.51 -0.51 0.00	46.94 -0.47 0.00	55.14 -0.45 0.00	68.78 -0.34 0.00	91.99 -0.46 0.00	81.09 -0.32 0.00	71.33 -0.21 0.00	64.21 -0.13 0.00	56.59 -0.11 0.00	52.65 -0.05 0.00	48.10 0.00 0.00
MARBLE_RIVER_WT_PWR 323696	41.90 -1.43 0.00	40.02 -1.36 0.00	39.91 -1.36 0.00	39.93 -1.23 0.00	40.91 -1.18 0.00	42.85 -1.05 0.00	58.85 -1.76 0.00	74.45 -2.06 0.00	54.06 -1.44 0.00	48.96 -1.15 0.00	44.99 -1.11 0.00	43.73 -0.94 0.00	43.06 -0.97 0.00	45.00 -1.01 0.00	46.52 -0.90 0.00	54.53 -1.06 0.00	68.01 -1.11 0.00	91.16 -1.29 0.00	80.36 -1.06 0.00	70.76 -0.79 0.00	63.76 -0.58 0.00	56.25 -0.46 0.00	52.65 -0.05 0.00	48.24 0.14 0.00
MARSHVLE_115KV_TB1 80742	44.63 1.30 0.00	42.59 1.20 0.00	42.51 1.24 0.00	42.48 1.32 0.00	43.35 1.26 0.00	45.48 1.58 0.00	64.12 3.52 0.00	80.57 4.06 0.00	56.61 1.11 0.00	50.56 0.45 0.00	46.14 0.05 0.00	44.72 0.04 0.00	43.99 -0.04 0.00	46.24 0.23 0.00	48.08 0.66 0.00	57.42 1.83 0.00	72.71 3.59 0.00	98.00 5.55 0.00	84.43 3.01 0.00	74.05 2.50 0.00	66.52 2.19 0.00	58.58 1.87 0.00	54.23 1.53 0.00	49.40 1.30 0.00
MARSH_HILL_WT_PWR 323713	43.07 -0.26 0.00	41.43 0.04 0.00	41.39 0.12 0.00	41.28 0.12 0.00	42.59 0.51 0.00	44.25 0.35 0.00	60.79 0.18 0.00	77.28 0.77 0.00	55.61 0.11 0.00	50.61 0.50 0.00	46.87 0.78 0.00	45.21 0.54 0.00	44.91 0.88 0.00	47.16 1.15 0.00	48.08 0.66 0.00	56.26 0.67 0.00	69.81 0.69 0.00	93.75 1.29 0.00	82.64 1.22 0.00	73.40 1.86 0.00	66.14 1.80 0.00	58.58 1.87 0.00	54.02 1.32 0.00	49.88 1.78 0.00
MCINTYRE_115KV_TB2 80467	43.90 0.56 0.00	42.05 0.66 0.00	41.89 0.62 0.00	41.90 0.74 0.00	42.97 0.88 0.00	45.09 1.19 0.00	62.18 1.58 0.00	79.27 2.75 0.00	57.05 1.55 0.00	51.01 0.90 0.00	46.69 0.60 0.00	45.39 0.71 0.00	44.65 0.62 0.00	46.66 0.64 0.00	48.08 0.66 0.00	56.48 0.89 0.00	70.43 1.31 0.00	94.95 2.50 0.00	83.86 2.44 0.00	73.98 2.43 0.00	66.78 2.44 0.00	58.98 2.27 0.00	54.81 2.11 0.00	50.02 1.92 0.00
MECO_____69_KV_BK1 80468	45.67 2.34 0.00	43.58 2.19 0.00	43.50 2.23 0.00	43.47 2.31 0.00	44.36 2.27 0.00	46.49 2.59 0.00	65.33 4.73 0.00	82.10 5.59 0.00	57.67 2.16 0.00	51.37 1.25 0.00	46.74 0.65 0.00	45.16 0.49 0.00	44.52 0.48 0.00	46.75 0.74 0.00	48.70 1.28 0.00	58.26 2.67 0.00	73.82 4.70 0.00	99.48 7.03 0.00	86.38 4.97 0.00	75.77 4.22 0.00	68.13 3.80 0.00	59.88 3.18 0.00	55.49 2.79 0.00	50.55 2.45 0.00
MENANDS___115KV_TB5 355628	44.07 0.74 0.00	42.13 0.74 0.00	41.97 0.70 0.00	41.90 0.74 0.00	42.67 0.59 0.00	44.47 0.57 0.00	61.21 0.61 0.00	76.97 0.46 0.00	55.94 0.44 0.00	50.46 0.35 0.00	46.55 0.46 0.00	45.12 0.45 0.00	44.52 0.48 0.00	46.47 0.46 0.00	47.94 0.52 0.00	56.20 0.61 0.00	69.81 0.69 0.00	93.10 0.65 0.00	81.91 0.49 0.00	71.90 0.36 0.00	64.72 0.39 0.00	57.22 0.51 0.00	53.44 0.74 0.00	48.77 0.67 0.00
MG INDUSTRY___DRP 24185	44.50 1.17 0.00	42.50 1.12 0.00	42.42 1.16 0.00	42.31 1.15 0.00	43.14 1.05 0.00	44.91 1.01 0.00	62.00 1.39 0.00	77.97 1.45 0.00	56.33 0.83 0.00	50.71 0.60 0.00	46.65 0.55 0.00	45.21 0.54 0.00	44.56 0.53 0.00	46.56 0.55 0.00	48.13 0.71 0.00	56.54 0.95 0.00	70.36 1.24 0.00	94.12 1.66 0.00	82.80 1.38 0.00	72.69 1.14 0.00	65.43 1.09 0.00	57.78 1.08 0.00	53.86 1.16 0.00	49.16 1.06 0.00

MID___OSWEGATCHIE_HYD 23849	42.90 -0.43 0.00	41.05 -0.33 0.00	40.90 -0.37 0.00	40.83 -0.33 0.00	41.96 -0.13 0.00	44.03 0.13 0.00	60.60 0.00 0.00	77.43 0.92 0.00	55.94 0.44 0.00	50.21 0.10 0.00	46.18 0.09 0.00	44.76 0.09 0.00	44.03 0.00 0.00	46.01 0.00 0.00	47.42 0.00 0.00	55.59 0.00 0.00	68.77 -0.35 0.00	92.82 0.37 0.00	81.82 0.41 0.00	72.12 0.57 0.00	65.24 0.90 0.00	57.73 1.02 0.00	53.59 0.90 0.00	48.87 0.77 0.00
MID___RAQUETTE_HYD 23851	43.07 -0.26 0.00	41.22 -0.17 0.00	41.06 -0.21 0.00	41.08 -0.08 0.00	42.13 0.04 0.00	44.12 0.22 0.00	60.73 0.12 0.00	77.43 0.92 0.00	56.17 0.67 0.00	50.46 0.35 0.00	46.32 0.23 0.00	45.03 0.36 0.00	44.30 0.26 0.00	46.29 0.28 0.00	47.56 0.14 0.00	55.59 0.00 0.00	68.91 -0.21 0.00	92.36 -0.09 0.00	81.34 -0.08 0.00	71.90 0.36 0.00	65.04 0.71 0.00	57.73 1.02 0.00	53.86 1.16 0.00	49.06 0.96 0.00
MILLIKEN___1 23584	44.46 1.13 0.00	42.46 1.08 0.00	42.34 1.07 0.00	42.19 1.03 0.00	43.22 1.14 0.00	45.18 1.27 0.00	62.48 1.88 0.00	78.89 2.37 0.00	57.05 1.55 0.00	51.47 1.35 0.00	47.29 1.20 0.00	45.70 1.03 0.00	44.96 0.92 0.00	47.16 1.15 0.00	48.46 1.04 0.00	57.04 1.45 0.00	71.06 1.94 0.00	95.13 2.68 0.00	83.86 2.44 0.00	73.69 2.15 0.00	66.40 2.06 0.00	58.12 1.42 0.00	54.02 1.32 0.00	49.35 1.25 0.00
MILLIKEN___2 23585	44.46 1.13 0.00	42.46 1.08 0.00	42.34 1.07 0.00	42.19 1.03 0.00	43.22 1.14 0.00	45.18 1.27 0.00	62.48 1.88 0.00	78.89 2.37 0.00	57.05 1.55 0.00	51.47 1.35 0.00	47.29 1.20 0.00	45.70 1.03 0.00	44.96 0.92 0.00	47.16 1.15 0.00	48.46 1.04 0.00	57.04 1.45 0.00	71.06 1.94 0.00	95.13 2.68 0.00	83.86 2.44 0.00	73.69 2.15 0.00	66.40 2.06 0.00	58.12 1.42 0.00	54.02 1.32 0.00	49.35 1.25 0.00
MILLIKEN___DIESEL 23629	44.46 1.13 0.00	42.46 1.08 0.00	42.34 1.07 0.00	42.19 1.03 0.00	43.22 1.14 0.00	45.18 1.27 0.00	62.48 1.88 0.00	78.89 2.37 0.00	57.05 1.55 0.00	51.47 1.35 0.00	47.29 1.20 0.00	45.70 1.03 0.00	44.96 0.92 0.00	47.16 1.15 0.00	48.46 1.04 0.00	57.04 1.45 0.00	71.06 1.94 0.00	95.13 2.68 0.00	83.86 2.44 0.00	73.69 2.15 0.00	66.40 2.06 0.00	58.12 1.42 0.00	54.02 1.32 0.00	49.35 1.25 0.00
MILLSEAT___LFGE 323607	43.72 0.39 0.00	41.97 0.58 0.00	41.68 0.41 0.00	41.49 0.33 0.00	42.63 0.55 0.00	43.86 -0.04 0.00	59.33 -1.28 0.00	75.90 -0.61 0.00	55.05 -0.45 0.00	50.36 0.25 0.00	46.55 0.46 0.00	44.94 0.27 0.00	44.56 0.53 0.00	46.57 0.55 0.00	47.47 0.05 0.00	55.14 -0.45 0.00	68.29 -0.83 0.00	91.62 -0.83 0.00	80.76 -0.65 0.00	71.54 0.00 0.00	64.34 0.00 0.00	57.44 0.74 0.00	52.70 0.00 0.00	48.63 0.53 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	45.50 2.17 0.00	43.37 1.99 0.00	43.17 1.90 0.00	43.10 1.93 0.00	43.94 1.85 0.00	45.88 1.98 0.00	63.76 3.15 0.00	80.26 3.75 0.00	58.05 2.55 0.00	52.62 2.51 0.00	48.53 2.44 0.00	47.09 2.41 0.00	46.50 2.47 0.00	48.40 2.39 0.00	49.93 2.51 0.00	58.20 2.61 0.00	72.16 3.04 0.00	96.80 4.35 0.00	85.16 3.75 0.00	74.62 3.08 0.00	66.85 2.51 0.00	59.15 2.44 0.00	54.91 2.21 0.00	50.02 1.92 0.00
MILLWOOD_13_KV_LOAD 356217	45.59 2.25 0.00	43.46 2.07 0.00	43.25 1.98 0.00	43.18 2.02 0.00	44.02 1.94 0.00	45.97 2.06 0.00	63.94 3.33 0.00	80.42 3.90 0.00	58.16 2.66 0.00	52.72 2.61 0.00	48.63 2.54 0.00	47.13 2.46 0.00	46.59 2.55 0.00	48.45 2.44 0.00	49.98 2.56 0.00	58.31 2.72 0.00	72.30 3.18 0.00	97.08 4.62 0.00	85.33 3.91 0.00	74.84 3.29 0.00	67.04 2.70 0.00	59.26 2.55 0.00	55.02 2.32 0.00	50.12 2.02 0.00
MODEL_CITY_ENERGY 24167	42.64 -0.70 0.00	41.05 -0.33 0.00	40.69 -0.58 0.00	40.46 -0.70 0.00	41.54 -0.55 0.00	42.59 -1.32 0.00	57.21 -3.39 0.00	72.84 -3.67 0.00	53.06 -2.44 0.00	48.86 -1.25 0.00	45.26 -0.83 0.00	43.65 -1.03 0.00	43.28 -0.75 0.00	45.27 -0.74 0.00	46.04 -1.38 0.00	53.36 -2.23 0.00	66.01 -3.11 0.00	88.20 -4.25 0.00	77.92 -3.50 0.00	69.04 -2.51 0.00	62.15 -2.19 0.00	55.63 -1.08 0.00	51.06 -1.63 0.00	47.23 -0.86 0.00
MODERN_LFGE___ 323580	42.64 -0.70 0.00	41.05 -0.33 0.00	40.69 -0.58 0.00	40.46 -0.70 0.00	41.54 -0.55 0.00	42.59 -1.32 0.00	57.21 -3.39 0.00	72.84 -3.67 0.00	53.06 -2.44 0.00	48.86 -1.25 0.00	45.26 -0.83 0.00	43.65 -1.03 0.00	43.28 -0.75 0.00	45.27 -0.74 0.00	46.04 -1.38 0.00	53.36 -2.23 0.00	66.01 -3.11 0.00	88.20 -4.25 0.00	77.92 -3.50 0.00	69.04 -2.51 0.00	62.15 -2.19 0.00	55.63 -1.08 0.00	51.06 -1.63 0.00	47.23 -0.86 0.00
MOHAWK_PAPER___DRP 24187	44.76 1.43 0.00	42.75 1.37 0.00	42.63 1.36 0.00	42.52 1.36 0.00	43.35 1.26 0.00	45.18 1.27 0.00	62.36 1.76 0.00	78.50 1.99 0.00	56.89 1.39 0.00	51.21 1.10 0.00	47.01 0.92 0.00	45.57 0.89 0.00	44.96 0.92 0.00	46.93 0.92 0.00	48.46 1.04 0.00	56.98 1.39 0.00	71.06 1.94 0.00	94.86 2.40 0.00	83.45 2.04 0.00	73.19 1.65 0.00	65.88 1.54 0.00	58.12 1.42 0.00	54.02 1.32 0.00	49.25 1.15 0.00
MOHICAN___35_KV_115KV_LD 80490	46.24 2.90 0.00	44.16 2.77 0.00	44.03 2.76 0.00	43.96 2.80 0.00	44.78 2.69 0.00	46.80 2.90 0.00	64.91 4.30 0.00	81.87 5.36 0.00	58.89 3.39 0.00	52.87 2.76 0.00	48.30 2.21 0.00	46.73 2.05 0.00	46.06 2.03 0.00	48.04 2.02 0.00	49.65 2.23 0.00	58.59 3.00 0.00	73.48 4.35 0.00	98.37 5.92 0.00	86.55 5.13 0.00	75.77 4.22 0.00	68.33 3.99 0.00	60.05 3.35 0.00	55.81 3.11 0.00	50.89 2.79 0.00
MONGAUP___HYD 23641	45.41 2.08 0.00	43.29 1.90 0.00	43.13 1.86 0.00	43.01 1.85 0.00	43.89 1.81 0.00	45.88 1.98 0.00	64.12 3.51 0.00	80.49 3.98 0.00	57.94 2.44 0.00	52.22 2.10 0.00	48.03 1.94 0.00	46.51 1.83 0.00	45.79 1.76 0.00	47.80 1.79 0.00	49.32 1.90 0.00	57.87 2.28 0.00	72.16 3.04 0.00	96.98 4.53 0.00	85.33 3.91 0.00	74.77 3.22 0.00	67.10 2.76 0.00	59.26 2.55 0.00	55.01 2.32 0.00	50.02 1.93 0.00
MONTAUK___DIESEL 23721	49.42 6.07 -0.02	46.86 5.46 -0.01	46.38 5.12 0.00	46.14 4.98 0.00	47.39 5.30 0.00	49.48 5.58 0.00	67.64 7.03 0.00	84.09 7.57 0.00	62.44 6.94 0.00	56.38 6.26 0.00	52.18 6.08 0.00	50.26 5.58 0.00	49.98 5.94 -0.01	52.28 6.26 -0.02	60.85 6.59 -6.84	65.00 7.50 -1.90	78.98 9.82 -0.05	106.19 13.68 -0.05	93.35 11.89 -0.05	85.63 10.30 -3.78	73.07 8.69 -0.05	66.69 7.83 -2.16	60.03 6.69 -0.64	54.37 6.25 -0.02
MOONROAD_115KV_HARTFLD_TB1-2 355988	43.64 0.30 0.00	42.13 0.74 0.00	42.09 0.83 0.00	41.94 0.78 0.00	43.18 1.09 0.00	44.52 0.61 0.00	60.60 0.00 0.00	77.05 0.54 0.00	55.83 0.33 0.00	51.26 1.15 0.00	47.66 1.57 0.00	45.57 0.89 0.00	44.56 0.53 0.00	47.71 1.70 0.00	48.03 0.62 0.00	55.87 0.28 0.00	69.81 0.69 0.00	92.82 0.37 0.00	82.23 0.81 0.00	72.76 1.22 0.00	65.88 1.54 0.00	57.50 0.79 0.00	53.96 1.26 0.00	49.83 1.73 0.00

MORRIS RIDGE___SOLAR 323848	43.25 -0.09 0.00	41.55 0.17 0.00	41.43 0.17 0.00	41.28 0.12 0.00	42.46 0.38 0.00	43.95 0.04 0.00	59.88 -0.72 0.00	76.06 -0.46 0.00	54.72 -0.78 0.00	49.91 -0.20 0.00	46.28 0.19 0.00	44.63 -0.04 0.00	44.34 0.31 0.00	46.47 0.46 0.00	47.37 -0.05 0.00	55.26 -0.33 0.00	68.57 -0.56 0.00	91.90 -0.55 0.00	81.01 -0.41 0.00	71.83 0.29 0.00	64.79 0.45 0.00	57.56 0.85 0.00	52.96 0.26 0.00	48.96 0.87 0.00
MORTIMER_115KV_TB3 55949	43.55 0.22 0.00	41.59 0.21 0.00	41.43 0.17 0.00	41.24 0.08 0.00	42.34 0.25 0.00	43.81 -0.09 0.00	59.76 -0.85 0.00	75.90 -0.61 0.00	55.17 -0.33 0.00	50.31 0.20 0.00	46.46 0.37 0.00	44.85 0.18 0.00	43.94 -0.09 0.00	46.52 0.51 0.00	47.32 -0.09 0.00	55.31 -0.28 0.00	68.71 -0.41 0.00	91.53 -0.92 0.00	80.60 -0.81 0.00	71.12 -0.43 0.00	64.27 -0.06 0.00	56.25 -0.45 0.00	52.54 -0.16 0.00	48.29 0.19 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	45.76 2.43 0.00	43.58 2.19 0.00	43.37 2.10 0.00	43.26 2.10 0.00	44.10 2.02 0.00	46.10 2.20 0.00	64.12 3.52 0.00	80.65 4.13 0.00	58.50 3.00 0.00	53.07 2.96 0.00	48.95 2.86 0.00	47.49 2.81 0.01	46.89 2.86 0.00	48.82 2.81 0.00	50.36 2.94 0.00	58.65 3.06 0.00	72.58 3.46 0.00	97.35 4.90 0.00	85.65 4.23 0.00	75.05 3.51 0.00	67.23 2.90 0.00	59.49 2.78 0.00	55.23 2.53 0.00	50.31 2.21 0.00
MUNSVILLE_WIND_PWR 323609	46.15 2.82 0.00	44.28 2.90 0.00	44.16 2.89 0.00	44.00 2.84 0.00	45.28 3.20 0.00	47.59 3.69 0.00	66.79 6.18 0.00	85.16 8.64 0.00	60.83 5.33 0.00	54.77 4.66 0.00	50.15 4.06 0.00	48.47 3.80 0.00	47.64 3.61 0.00	49.92 3.91 0.00	51.69 4.27 0.00	61.32 5.73 0.00	77.00 7.88 0.00	104.10 11.65 0.00	90.45 9.04 0.00	79.49 7.94 0.00	71.41 7.08 0.00	62.49 5.79 0.00	57.28 4.58 0.00	52.52 4.42 0.00
N SALMON___HYD 24042	42.51 -0.82 0.00	40.64 -0.74 0.00	40.44 -0.83 0.00	40.54 -0.62 0.00	41.58 -0.50 0.00	43.64 -0.26 0.00	60.00 -0.61 0.00	76.36 -0.15 0.00	55.33 -0.17 0.00	49.96 -0.15 0.00	45.82 -0.27 0.00	44.54 -0.13 0.00	43.81 -0.22 0.00	45.78 -0.23 0.00	47.23 -0.19 0.00	55.42 -0.17 0.00	69.12 0.00 0.00	92.73 0.28 0.00	81.74 0.33 0.00	72.05 0.50 0.00	64.98 0.64 0.00	57.39 0.68 0.00	53.70 1.00 0.00	49.06 0.96 0.00
N.AKRON__115KV_KNAPP 355671	43.64 0.30 0.00	41.80 0.41 0.00	41.76 0.50 0.00	41.41 0.25 0.00	42.59 0.51 0.00	43.77 -0.13 0.00	59.15 -1.45 0.00	75.29 -1.22 0.00	54.72 -0.78 0.00	50.21 0.10 0.00	46.46 0.37 0.00	44.63 -0.04 0.00	43.59 -0.44 0.00	46.52 0.51 0.00	46.99 -0.43 0.00	54.81 -0.78 0.00	68.15 -0.97 0.00	90.60 -1.85 0.00	80.03 -1.38 0.00	70.83 -0.72 0.00	64.21 -0.13 0.00	56.08 -0.62 0.00	52.59 -0.11 0.00	48.53 0.43 0.00
N.E_GEN_SANDY PD 24062	44.68 1.34 0.00	42.71 1.32 0.00	42.59 1.32 0.00	42.48 1.32 0.00	43.26 1.18 0.00	45.00 1.10 0.00	62.00 1.40 0.00	77.89 1.38 0.00	56.72 1.22 0.00	50.91 0.80 0.00	46.60 0.51 0.00	45.17 0.49 0.00	44.52 0.49 0.00	46.57 0.55 0.00	48.13 0.71 0.00	56.23 0.89 0.25	71.02 1.66 -0.25	94.30 1.85 0.00	83.13 1.71 0.00	72.83 1.29 0.00	65.43 1.09 0.00	57.50 0.79 0.00	53.38 0.68 0.00	48.68 0.58 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	45.46 2.12 0.00	43.33 1.95 0.00	43.17 1.90 0.00	43.05 1.89 0.00	43.89 1.81 0.00	45.83 1.93 0.00	63.64 3.03 0.00	80.03 3.52 0.00	57.89 2.39 0.00	52.47 2.36 0.00	48.44 2.35 0.00	47.00 2.32 0.00	46.41 2.38 0.00	48.27 2.25 0.00	49.79 2.37 0.00	57.98 2.39 0.00	71.95 2.83 0.00	96.61 4.16 0.00	84.92 3.50 0.00	74.48 2.93 0.00	66.72 2.38 0.00	58.98 2.27 0.00	54.75 2.06 0.00	49.93 1.83 0.00
N.QUEENS_27_KV_LOAD 356247	45.98 2.64 0.00	43.79 2.40 0.00	43.50 2.23 0.00	43.34 2.18 0.00	44.19 2.10 0.00	46.05 2.15 0.00	64.12 3.52 0.00	80.34 3.83 0.00	58.33 2.83 0.00	53.07 2.96 0.00	49.00 2.90 0.00	47.68 2.99 -0.02	47.27 3.08 -0.15	48.86 2.85 0.00	50.42 2.99 -0.02	58.70 3.11 0.00	72.16 3.04 0.00	96.80 4.35 0.00	85.24 3.83 0.00	74.62 3.08 0.00	66.91 2.57 0.00	59.37 2.67 0.00	55.65 2.95 0.00	50.45 2.36 0.00
N.TROY___115KV_TB1 355778	44.76 1.43 0.00	42.79 1.41 0.00	42.67 1.40 0.00	42.56 1.40 0.00	43.35 1.26 0.00	45.18 1.27 0.00	62.30 1.70 0.00	78.35 1.84 0.00	56.94 1.44 0.00	51.16 1.05 0.00	46.88 0.78 0.00	45.43 0.76 0.00	44.82 0.79 0.00	46.79 0.78 0.00	48.37 0.95 0.00	56.87 1.28 0.00	71.06 1.94 0.00	94.86 2.40 0.00	83.53 2.12 0.00	73.26 1.72 0.00	65.82 1.48 0.00	58.01 1.30 0.00	53.81 1.11 0.00	49.11 1.01 0.00
NARROWS_GT1_1 24228	46.20 2.86 -0.01	43.99 2.61 0.00	43.70 2.43 0.00	43.59 2.43 0.00	44.40 2.31 0.00	46.36 2.46 0.00	64.36 3.76 0.00	80.57 4.05 0.00	58.61 3.11 0.00	53.48 3.36 -0.01	49.33 3.23 -0.01	47.86 3.17 -0.02	47.32 3.13 -0.16	49.18 3.17 0.00	50.70 3.27 -0.02	58.87 3.28 0.00	72.37 3.25 0.00	97.17 4.71 0.00	85.57 4.15 0.00	74.91 3.36 0.00	67.36 3.02 0.00	59.48 2.78 0.00	55.86 3.16 0.00	50.75 2.64 -0.01
NARROWS_GT1_2 24229	46.20 2.86 -0.01	43.99 2.61 0.00	43.70 2.43 0.00	43.59 2.43 0.00	44.40 2.31 0.00	46.36 2.46 0.00	64.36 3.76 0.00	80.57 4.05 0.00	58.61 3.11 0.00	53.48 3.36 -0.01	49.33 3.23 -0.01	47.86 3.17 -0.02	47.32 3.13 -0.16	49.18 3.17 0.00	50.70 3.27 -0.02	58.87 3.28 0.00	72.37 3.25 0.00	97.17 4.71 0.00	85.57 4.15 0.00	74.91 3.36 0.00	67.36 3.02 0.00	59.48 2.78 0.00	55.86 3.16 0.00	50.75 2.64 -0.01
NARROWS_GT1_3 24230	46.20 2.86 -0.01	43.99 2.61 0.00	43.70 2.43 0.00	43.59 2.43 0.00	44.40 2.31 0.00	46.36 2.46 0.00	64.36 3.76 0.00	80.57 4.05 0.00	58.61 3.11 0.00	53.48 3.36 -0.01	49.33 3.23 -0.01	47.86 3.17 -0.02	47.32 3.13 -0.16	49.18 3.17 0.00	50.70 3.27 -0.02	58.87 3.28 0.00	72.37 3.25 0.00	97.17 4.71 0.00	85.57 4.15 0.00	74.91 3.36 0.00	67.36 3.02 0.00	59.48 2.78 0.00	55.86 3.16 0.00	50.75 2.64 -0.01
NARROWS_GT1_4 24231	46.20 2.86 -0.01	43.99 2.61 0.00	43.70 2.43 0.00	43.59 2.43 0.00	44.40 2.31 0.00	46.36 2.46 0.00	64.36 3.76 0.00	80.57 4.05 0.00	58.61 3.11 0.00	53.48 3.36 -0.01	49.33 3.23 -0.01	47.86 3.17 -0.02	47.32 3.13 -0.16	49.18 3.17 0.00	50.70 3.27 -0.02	58.87 3.28 0.00	72.37 3.25 0.00	97.17 4.71 0.00	85.57 4.15 0.00	74.91 3.36 0.00	67.36 3.02 0.00	59.48 2.78 0.00	55.86 3.16 0.00	50.75 2.64 -0.01
NARROWS_GT1_5 24232	46.20 2.86 -0.01	43.99 2.61 0.00	43.70 2.43 0.00	43.59 2.43 0.00	44.40 2.31 0.00	46.36 2.46 0.00	64.36 3.76 0.00	80.57 4.05 0.00	58.61 3.11 0.00	53.48 3.36 -0.01	49.33 3.23 -0.01	47.86 3.17 -0.02	47.32 3.13 -0.16	49.18 3.17 0.00	50.70 3.27 -0.02	58.87 3.28 0.00	72.37 3.25 0.00	97.17 4.71 0.00	85.57 4.15 0.00	74.91 3.36 0.00	67.36 3.02 0.00	59.48 2.78 0.00	55.86 3.16 0.00	50.75 2.64 -0.01

NARROWS_GT1_6 24233	46.20 2.86 -0.01	43.99 2.61 0.00	43.70 2.43 0.00	43.59 2.43 0.00	44.40 2.31 0.00	46.36 2.46 0.00	64.36 3.76 0.00	80.57 4.05 0.00	58.61 3.11 0.00	53.48 3.36 -0.01	49.33 3.23 -0.01	47.86 3.17 -0.02	47.32 3.13 -0.16	49.18 3.17 0.00	50.70 3.27 -0.02	58.87 3.28 0.00	72.37 3.25 0.00	97.17 4.71 0.00	85.57 4.15 0.00	74.91 3.36 0.00	67.36 3.02 0.00	59.48 2.78 0.00	55.86 3.16 0.00	50.75 2.64 -0.01
NARROWS_GT1_7 24234	46.20 2.86 -0.01	43.99 2.61 0.00	43.70 2.43 0.00	43.59 2.43 0.00	44.40 2.31 0.00	46.36 2.46 0.00	64.36 3.76 0.00	80.57 4.05 0.00	58.61 3.11 0.00	53.48 3.36 -0.01	49.33 3.23 -0.01	47.86 3.17 -0.02	47.32 3.13 -0.16	49.18 3.17 0.00	50.70 3.27 -0.02	58.87 3.28 0.00	72.37 3.25 0.00	97.17 4.71 0.00	85.57 4.15 0.00	74.91 3.36 0.00	67.36 3.02 0.00	59.48 2.78 0.00	55.86 3.16 0.00	50.75 2.64 -0.01
NARROWS_GT1_8 24235	46.20 2.86 -0.01	43.99 2.61 0.00	43.70 2.43 0.00	43.59 2.43 0.00	44.40 2.31 0.00	46.36 2.46 0.00	64.36 3.76 0.00	80.57 4.05 0.00	58.61 3.11 0.00	53.48 3.36 -0.01	49.33 3.23 -0.01	47.86 3.17 -0.02	47.32 3.13 -0.16	49.18 3.17 0.00	50.70 3.27 -0.02	58.87 3.28 0.00	72.37 3.25 0.00	97.17 4.71 0.00	85.57 4.15 0.00	74.91 3.36 0.00	67.36 3.02 0.00	59.48 2.78 0.00	55.86 3.16 0.00	50.75 2.64 -0.01
NARROWS_GT2_1 24236	46.20 2.86 -0.01	43.99 2.61 0.00	43.70 2.43 0.00	43.59 2.43 0.00	44.40 2.31 0.00	46.36 2.46 0.00	64.36 3.76 0.00	80.57 4.05 0.00	58.61 3.11 0.00	53.48 3.36 -0.01	49.33 3.23 -0.01	47.86 3.17 -0.02	47.32 3.13 -0.16	49.18 3.17 0.00	50.70 3.27 -0.02	58.87 3.28 0.00	72.37 3.25 0.00	97.17 4.71 0.00	85.57 4.15 0.00	74.91 3.36 0.00	67.36 3.02 0.00	59.48 2.78 0.00	55.86 3.16 0.00	50.75 2.64 -0.01
NARROWS_GT2_2 24237	46.20 2.86 -0.01	43.99 2.61 0.00	43.70 2.43 0.00	43.59 2.43 0.00	44.40 2.31 0.00	46.36 2.46 0.00	64.36 3.76 0.00	80.57 4.05 0.00	58.61 3.11 0.00	53.48 3.36 -0.01	49.33 3.23 -0.01	47.86 3.17 -0.02	47.32 3.13 -0.16	49.18 3.17 0.00	50.70 3.27 -0.02	58.87 3.28 0.00	72.37 3.25 0.00	97.17 4.71 0.00	85.57 4.15 0.00	74.91 3.36 0.00	67.36 3.02 0.00	59.48 2.78 0.00	55.86 3.16 0.00	50.75 2.64 -0.01
NARROWS_GT2_3 24238	46.20 2.86 -0.01	43.99 2.61 0.00	43.70 2.43 0.00	43.59 2.43 0.00	44.40 2.31 0.00	46.36 2.46 0.00	64.36 3.76 0.00	80.57 4.05 0.00	58.61 3.11 0.00	53.48 3.36 -0.01	49.33 3.23 -0.01	47.86 3.17 -0.02	47.32 3.13 -0.16	49.18 3.17 0.00	50.70 3.27 -0.02	58.87 3.28 0.00	72.37 3.25 0.00	97.17 4.71 0.00	85.57 4.15 0.00	74.91 3.36 0.00	67.36 3.02 0.00	59.48 2.78 0.00	55.86 3.16 0.00	50.75 2.64 -0.01
NARROWS_GT2_4 24239	46.20 2.86 -0.01	43.99 2.61 0.00	43.70 2.43 0.00	43.59 2.43 0.00	44.40 2.31 0.00	46.36 2.46 0.00	64.36 3.76 0.00	80.57 4.05 0.00	58.61 3.11 0.00	53.48 3.36 -0.01	49.33 3.23 -0.01	47.86 3.17 -0.02	47.32 3.13 -0.16	49.18 3.17 0.00	50.70 3.27 -0.02	58.87 3.28 0.00	72.37 3.25 0.00	97.17 4.71 0.00	85.57 4.15 0.00	74.91 3.36 0.00	67.36 3.02 0.00	59.48 2.78 0.00	55.86 3.16 0.00	50.75 2.64 -0.01
NARROWS_GT2_5 24240	46.20 2.86 -0.01	43.99 2.61 0.00	43.70 2.43 0.00	43.59 2.43 0.00	44.40 2.31 0.00	46.36 2.46 0.00	64.36 3.76 0.00	80.57 4.05 0.00	58.61 3.11 0.00	53.48 3.36 -0.01	49.33 3.23 -0.01	47.86 3.17 -0.02	47.32 3.13 -0.16	49.18 3.17 0.00	50.70 3.27 -0.02	58.87 3.28 0.00	72.37 3.25 0.00	97.17 4.71 0.00	85.57 4.15 0.00	74.91 3.36 0.00	67.36 3.02 0.00	59.48 2.78 0.00	55.86 3.16 0.00	50.75 2.64 -0.01
NARROWS_GT2_6 24241	46.20 2.86 -0.01	43.99 2.61 0.00	43.70 2.43 0.00	43.59 2.43 0.00	44.40 2.31 0.00	46.36 2.46 0.00	64.36 3.76 0.00	80.57 4.05 0.00	58.61 3.11 0.00	53.48 3.36 -0.01	49.33 3.23 -0.01	47.86 3.17 -0.02	47.32 3.13 -0.16	49.18 3.17 0.00	50.70 3.27 -0.02	58.87 3.28 0.00	72.37 3.25 0.00	97.17 4.71 0.00	85.57 4.15 0.00	74.91 3.36 0.00	67.36 3.02 0.00	59.48 2.78 0.00	55.86 3.16 0.00	50.75 2.64 -0.01
NARROWS_GT2_7 24242	46.20 2.86 -0.01	43.99 2.61 0.00	43.70 2.43 0.00	43.59 2.43 0.00	44.40 2.31 0.00	46.36 2.46 0.00	64.36 3.76 0.00	80.57 4.05 0.00	58.61 3.11 0.00	53.48 3.36 -0.01	49.33 3.23 -0.01	47.86 3.17 -0.02	47.32 3.13 -0.16	49.18 3.17 0.00	50.70 3.27 -0.02	58.87 3.28 0.00	72.37 3.25 0.00	97.17 4.71 0.00	85.57 4.15 0.00	74.91 3.36 0.00	67.36 3.02 0.00	59.48 2.78 0.00	55.86 3.16 0.00	50.75 2.64 -0.01
NARROWS_GT2_8 24243	46.20 2.86 -0.01	43.99 2.61 0.00	43.70 2.43 0.00	43.59 2.43 0.00	44.40 2.31 0.00	46.36 2.46 0.00	64.36 3.76 0.00	80.57 4.05 0.00	58.61 3.11 0.00	53.48 3.36 -0.01	49.33 3.23 -0.01	47.86 3.17 -0.02	47.32 3.13 -0.16	49.18 3.17 0.00	50.70 3.27 -0.02	58.87 3.28 0.00	72.37 3.25 0.00	97.17 4.71 0.00	85.57 4.15 0.00	74.91 3.36 0.00	67.36 3.02 0.00	59.48 2.78 0.00	55.86 3.16 0.00	50.75 2.64 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	45.24 1.91 0.00	43.21 1.82 0.00	43.08 1.82 0.00	42.97 1.81 0.00	43.85 1.77 0.00	45.70 1.80 0.00	63.57 2.97 0.00	79.96 3.44 0.00	57.28 1.78 0.00	51.26 1.15 0.00	46.92 0.83 0.00	45.39 0.71 0.00	44.74 0.70 0.00	46.70 0.69 0.00	48.32 0.90 0.00	57.04 1.45 0.00	71.47 2.35 0.00	96.15 3.70 0.00	84.59 3.18 0.00	73.98 2.43 0.00	66.59 2.25 0.00	58.86 2.15 0.00	54.86 2.16 0.00	49.93 1.83 0.00
NCHELSEA_115KV_TR2 355582	45.59 2.25 0.00	43.46 2.07 0.00	43.29 2.02 0.00	43.22 2.06 0.00	44.06 1.98 0.00	46.01 2.11 0.00	64.06 3.45 0.00	80.65 4.13 0.00	58.22 2.72 0.00	52.62 2.51 0.00	48.49 2.40 0.00	47.04 2.37 0.00	46.41 2.38 0.00	48.31 2.30 0.00	49.84 2.42 0.00	58.26 2.67 0.00	72.37 3.25 0.00	97.26 4.81 0.00	85.49 4.07 0.00	74.84 3.29 0.00	67.10 2.77 0.00	59.37 2.67 0.00	55.07 2.37 0.00	50.17 2.07 0.00
NEG CAPITAL___MECHNVIL 23645	45.54 2.21 0.00	43.54 2.15 0.00	43.37 2.10 0.00	43.30 2.14 0.00	44.10 2.02 0.00	46.01 2.11 0.00	63.75 3.15 0.00	80.26 3.75 0.00	58.00 2.50 0.00	52.12 2.01 0.00	47.70 1.61 0.00	46.19 1.52 0.00	45.48 1.45 0.00	47.62 1.61 0.00	49.17 1.76 0.00	57.92 2.33 0.00	72.58 3.45 0.00	96.98 4.53 0.00	85.33 3.91 0.00	74.77 3.22 0.00	67.30 2.96 0.00	59.14 2.44 0.00	54.91 2.21 0.00	50.07 1.97 0.00
NEG CENTRAL_HIGH_ACRES 23767	42.64 -0.70 0.00	40.72 -0.66 0.00	40.57 -0.70 0.00	40.38 -0.78 0.00	41.45 -0.63 0.00	43.02 -0.88 0.00	58.91 -1.70 0.00	74.90 -1.61 0.00	54.44 -1.06 0.00	49.46 -0.65 0.00	45.59 -0.51 0.00	44.14 -0.53 0.00	43.68 -0.35 0.00	45.60 -0.41 0.00	46.71 -0.71 0.00	54.64 -0.95 0.00	67.60 -1.52 0.00	90.61 -1.85 0.00	79.63 -1.79 0.00	70.26 -1.29 0.00	63.11 -1.22 0.00	55.86 -0.85 0.00	51.54 -1.16 0.00	47.23 -0.86 0.00

NEG CENTRAL___DRP 24199	43.55 0.22 0.00	41.59 0.21 0.00	41.43 0.17 0.00	41.24 0.08 0.00	42.34 0.25 0.00	44.12 0.22 0.00	60.79 0.18 0.00	76.97 0.46 0.00	55.83 0.33 0.00	50.51 0.40 0.00	46.46 0.37 0.00	44.94 0.27 0.00	44.16 0.13 0.00	46.43 0.41 0.00	47.56 0.14 0.00	55.81 0.22 0.00	69.40 0.28 0.00	92.82 0.37 0.00	81.74 0.33 0.00	71.90 0.36 0.00	64.72 0.39 0.00	56.71 0.00 0.00	52.75 0.05 0.00	48.19 0.10 0.00
NEG CENTRAL___INDECK 23768	44.85 1.52 0.00	42.96 1.57 0.00	42.80 1.53 0.00	42.64 1.48 0.00	43.89 1.81 0.00	45.61 1.71 0.00	62.54 1.94 0.00	79.88 3.36 0.00	57.39 1.89 0.00	51.82 1.70 0.00	47.66 1.57 0.00	46.06 1.39 0.00	45.57 1.54 0.00	47.71 1.70 0.00	48.79 1.38 0.00	57.20 1.61 0.00	68.71 -0.41 0.00	92.83 0.37 0.00	81.83 0.41 0.00	72.47 0.93 0.00	65.30 0.97 0.00	57.78 1.07 0.00	55.01 2.32 0.00	50.50 2.40 0.00
NEG CENTRAL___SENECA 23627	43.55 0.22 0.00	41.59 0.21 0.00	41.43 0.17 0.00	41.28 0.12 0.00	42.34 0.25 0.00	44.08 0.18 0.00	60.67 0.06 0.00	76.90 0.38 0.00	55.78 0.28 0.00	50.56 0.45 0.00	46.55 0.46 0.00	44.99 0.31 0.00	44.21 0.18 0.00	46.52 0.51 0.00	47.61 0.19 0.00	55.87 0.28 0.00	69.40 0.28 0.00	92.73 0.28 0.00	81.66 0.24 0.00	71.83 0.29 0.00	64.72 0.39 0.00	56.65 -0.06 0.00	52.75 0.05 0.00	48.24 0.14 0.00
NEG CENTRAL___STATE_STREET 24147	43.72 0.39 0.00	41.76 0.37 0.00	41.60 0.33 0.00	41.45 0.29 0.00	42.46 0.38 0.00	44.34 0.44 0.00	61.27 0.67 0.00	77.51 0.99 0.00	56.17 0.67 0.00	50.66 0.55 0.00	46.55 0.46 0.00	45.03 0.36 0.00	44.34 0.31 0.00	46.52 0.51 0.00	47.75 0.33 0.00	56.09 0.50 0.00	69.81 0.69 0.00	93.47 1.02 0.00	82.31 0.90 0.00	72.40 0.86 0.00	65.17 0.84 0.00	57.05 0.34 0.00	53.01 0.32 0.00	48.39 0.29 0.00
NEG MILLWOOD___DRP 24198	45.72 2.38 0.00	43.62 2.23 0.00	43.45 2.19 0.00	43.38 2.22 0.00	44.19 2.10 0.00	46.18 2.28 0.00	64.42 3.82 0.00	81.03 4.51 0.00	58.50 3.00 0.00	52.82 2.71 0.00	48.67 2.58 0.00	47.18 2.50 0.00	46.59 2.55 0.00	48.50 2.48 0.00	49.98 2.56 0.00	58.54 2.95 0.00	72.71 3.59 0.00	97.63 5.18 0.00	85.90 4.48 0.00	75.26 3.72 0.00	67.42 3.09 0.00	59.60 2.89 0.00	55.28 2.58 0.00	50.36 2.26 0.00
NEG NORTH_FLCN_SEA 23793	42.08 -1.26 0.00	40.23 -1.16 0.00	40.03 -1.24 0.00	40.09 -1.07 0.00	41.07 -1.01 0.00	43.07 -0.83 0.00	59.64 -0.97 0.00	75.83 -0.69 0.00	55.06 -0.44 0.00	49.56 -0.55 0.00	45.49 -0.60 0.00	44.27 -0.40 0.00	43.59 -0.44 0.00	45.55 -0.46 0.00	47.09 -0.33 0.00	55.48 -0.11 0.00	69.26 0.14 0.00	92.82 0.37 0.00	81.82 0.41 0.00	72.05 0.50 0.00	64.92 0.58 0.00	57.33 0.62 0.00	53.33 0.63 0.00	48.58 0.48 0.00
NEG NORTH_KES_CHATEGAY 23792	41.90 -1.43 0.00	40.06 -1.32 0.00	39.91 -1.36 0.00	39.97 -1.19 0.00	40.95 -1.14 0.00	42.94 -0.97 0.00	59.39 -1.21 0.00	75.44 -1.07 0.00	54.72 -0.78 0.00	49.26 -0.85 0.00	45.22 -0.88 0.00	43.96 -0.71 0.00	43.24 -0.79 0.00	45.18 -0.83 0.00	46.71 -0.71 0.00	55.09 -0.50 0.00	68.84 -0.28 0.00	92.45 0.00 0.00	81.50 0.08 0.00	71.76 0.21 0.00	64.72 0.39 0.00	57.16 0.45 0.00	53.17 0.47 0.00	48.39 0.29 0.00
NEG NORTH___ALICE_FALLS 23915	42.21 -1.13 0.00	40.35 -1.03 0.00	40.15 -1.11 0.00	40.26 -0.91 0.00	41.24 -0.84 0.00	43.29 -0.61 0.00	59.94 -0.67 0.00	76.21 -0.31 0.00	55.33 -0.17 0.00	49.76 -0.35 0.00	45.63 -0.46 0.00	44.36 -0.31 0.00	43.68 -0.35 0.00	45.64 -0.37 0.00	47.18 -0.24 0.00	55.65 0.06 0.00	69.60 0.48 0.00	93.38 0.92 0.00	82.31 0.90 0.00	72.47 0.93 0.00	65.37 1.03 0.00	57.67 0.96 0.00	53.65 0.95 0.00	48.82 0.72 0.00
NEG NORTH___LWR_SARANAC 23913	42.21 -1.13 0.00	40.35 -1.03 0.00	40.15 -1.11 0.00	40.26 -0.91 0.00	41.24 -0.84 0.00	43.29 -0.61 0.00	59.94 -0.67 0.00	76.21 -0.31 0.00	55.33 -0.17 0.00	49.76 -0.35 0.00	45.63 -0.46 0.00	44.36 -0.31 0.00	43.68 -0.35 0.00	45.64 -0.37 0.00	47.18 -0.24 0.00	55.65 0.06 0.00	69.60 0.48 0.00	93.38 0.92 0.00	82.31 0.90 0.00	72.47 0.93 0.00	65.37 1.03 0.00	57.67 0.96 0.00	53.65 0.95 0.00	48.82 0.72 0.00
NEG NORTH___PLATTSBURG 23628	42.21 -1.13 0.00	40.35 -1.03 0.00	40.16 -1.11 0.00	40.26 -0.91 0.00	41.24 -0.84 0.00	43.29 -0.61 0.00	59.27 -1.33 0.00	74.99 -1.53 0.00	54.33 -1.17 0.00	49.31 -0.80 0.00	45.21 -0.88 0.00	43.96 -0.72 0.00	43.28 -0.75 0.00	45.23 -0.78 0.00	46.75 -0.66 0.00	54.76 -0.83 0.00	68.43 -0.69 0.00	91.90 -0.55 0.00	81.01 -0.41 0.00	71.33 -0.21 0.00	64.27 -0.06 0.00	56.65 -0.06 0.00	53.17 0.47 0.00	48.82 0.72 0.00
NEG WEST_LEA_LOCKPORT 23791	43.07 -0.26 0.00	41.26 -0.12 0.00	41.23 -0.04 0.00	40.87 -0.29 0.00	42.00 -0.08 0.00	43.02 -0.88 0.00	57.94 -2.67 0.00	73.45 -3.06 0.00	53.50 -2.00 0.00	49.36 -0.75 0.00	45.72 -0.37 0.00	43.87 -0.80 0.00	42.80 -1.23 0.00	45.78 -0.23 0.00	46.14 -1.28 0.00	53.81 -1.78 0.00	66.84 -2.28 0.00	88.48 -3.98 0.00	78.32 -3.09 0.00	69.33 -2.22 0.00	62.92 -1.42 0.00	55.01 -1.70 0.00	51.64 -1.05 0.00	47.76 -0.34 0.00
NEG WEST___LANCASTR 23811	43.29 -0.04 0.00	41.51 0.12 0.00	41.43 0.17 0.00	41.20 0.04 0.00	42.34 0.25 0.00	43.59 -0.31 0.00	59.15 -1.45 0.00	74.98 -1.53 0.00	54.28 -1.22 0.00	49.91 -0.20 0.00	46.37 0.28 0.00	44.41 -0.27 0.00	43.42 -0.62 0.00	46.38 0.37 0.00	46.75 -0.66 0.00	54.37 -1.22 0.00	67.88 -1.24 0.00	90.14 -2.31 0.00	79.79 -1.63 0.00	70.61 -0.93 0.00	64.02 -0.32 0.00	55.91 -0.79 0.00	52.38 -0.32 0.00	48.43 0.34 0.00
NEG_PENN_ALLEGHNY 23528	44.29 0.95 0.00	42.30 0.91 0.00	42.22 0.95 0.00	42.07 0.90 0.00	43.05 0.97 0.00	44.91 1.01 0.00	62.18 1.57 0.00	78.58 2.07 0.00	56.89 1.39 0.00	51.41 1.30 0.00	47.34 1.24 0.00	45.79 1.12 0.00	45.13 1.10 0.00	47.21 1.19 0.00	48.55 1.14 0.00	57.03 1.44 0.00	70.85 1.73 0.00	94.95 2.50 0.00	83.29 1.87 0.00	73.26 1.71 0.00	65.88 1.54 0.00	58.01 1.31 0.00	53.70 1.00 0.00	49.06 0.96 0.00
NEG___GEN_MONROE 24207	43.72 0.39 0.00	41.80 0.41 0.00	41.68 0.41 0.00	41.45 0.29 0.00	42.63 0.55 0.00	44.08 0.18 0.00	59.88 -0.73 0.00	75.98 -0.54 0.00	55.22 -0.28 0.00	50.46 0.35 0.00	46.60 0.51 0.00	44.94 0.27 0.00	43.99 -0.04 0.00	46.56 0.55 0.00	47.32 -0.09 0.00	55.26 -0.33 0.00	68.64 -0.48 0.00	91.44 -1.02 0.00	80.68 -0.73 0.00	71.26 -0.29 0.00	64.40 0.06 0.00	56.37 -0.34 0.00	52.75 0.05 0.00	48.58 0.48 0.00
NEPA___ENERGY 23901	43.68 0.35 0.00	41.92 0.54 0.00	41.85 0.58 0.00	41.61 0.45 0.00	42.80 0.72 0.00	44.08 0.18 0.00	59.76 -0.85 0.00	75.60 -0.92 0.00	54.61 -0.89 0.00	50.26 0.15 0.00	46.74 0.65 0.00	44.76 0.09 0.00	43.77 -0.26 0.00	46.70 0.69 0.00	47.04 -0.38 0.00	54.70 -0.89 0.00	68.36 -0.76 0.00	90.79 -1.66 0.00	80.28 -1.14 0.00	71.12 -0.43 0.00	64.53 0.19 0.00	56.31 -0.40 0.00	52.75 0.05 0.00	48.87 0.77 0.00

NEVERSINK___HYD 23608	45.72 2.38 0.00	43.58 2.19 0.00	43.41 2.14 0.00	43.30 2.14 0.00	44.23 2.15 0.00	46.18 2.28 0.00	64.60 4.00 0.00	81.34 4.82 0.00	58.66 3.16 0.00	52.92 2.80 0.00	48.63 2.53 0.00	47.13 2.46 0.00	46.36 2.33 0.00	48.40 2.39 0.00	49.93 2.51 0.00	58.59 3.00 0.00	72.85 3.73 0.00	98.00 5.55 0.00	85.97 4.56 0.00	75.33 3.79 0.00	67.62 3.28 0.00	59.65 2.95 0.00	55.33 2.63 0.00	50.31 2.21 0.00
NEWKRMKL_115KV_TB1 55635	43.94 0.61 0.00	42.01 0.62 0.00	41.85 0.58 0.00	41.74 0.58 0.00	42.55 0.46 0.00	44.30 0.40 0.00	60.97 0.36 0.00	76.67 0.15 0.00	55.72 0.22 0.00	50.31 0.20 0.00	46.51 0.41 0.00	45.08 0.40 0.00	44.47 0.44 0.00	46.43 0.41 0.00	47.89 0.47 0.00	56.09 0.50 0.00	69.54 0.41 0.00	92.82 0.37 0.00	81.58 0.16 0.00	71.62 0.07 0.00	64.53 0.19 0.00	57.10 0.40 0.00	53.44 0.74 0.00	48.77 0.67 0.00
NEWTON___FALLS_HYD 23847	42.90 -0.43 0.00	41.05 -0.33 0.00	40.90 -0.37 0.00	40.83 -0.33 0.00	41.96 -0.13 0.00	44.03 0.13 0.00	60.60 0.00 0.00	77.43 0.92 0.00	55.94 0.44 0.00	50.21 0.10 0.00	46.18 0.09 0.00	44.76 0.09 0.00	44.03 0.00 0.00	46.01 0.00 0.00	47.42 0.00 0.00	55.59 0.00 0.00	68.77 -0.35 0.00	92.82 0.37 0.00	81.82 0.41 0.00	72.12 0.57 0.00	65.24 0.90 0.00	57.73 1.02 0.00	53.59 0.90 0.00	48.87 0.77 0.00
NGRID_A1_DSASP 323792	42.90 -0.43 0.00	41.10 -0.29 0.00	40.69 -0.58 0.00	40.71 -0.45 0.00	41.75 -0.34 0.00	42.50 -1.40 0.00	56.97 -3.64 0.00	72.00 -4.51 0.00	52.67 -2.83 0.00	48.71 -1.40 0.00	45.17 -0.92 0.00	43.33 -1.34 0.00	42.23 -1.81 0.00	45.14 -0.87 0.00	45.52 -1.90 0.00	53.03 -2.56 0.00	65.80 -3.32 0.00	86.81 -5.64 0.00	76.86 -4.56 0.00	68.11 -3.43 0.00	61.89 -2.44 0.00	54.16 -2.55 0.00	50.85 -1.84 0.00	47.09 -1.01 0.00
NGRID_A2_DSASP 323793	42.90 -0.43 0.00	41.10 -0.29 0.00	40.69 -0.58 0.00	40.71 -0.45 0.00	41.75 -0.34 0.00	42.50 -1.40 0.00	56.97 -3.64 0.00	72.00 -4.51 0.00	52.67 -2.83 0.00	48.71 -1.40 0.00	45.17 -0.92 0.00	43.33 -1.34 0.00	42.23 -1.81 0.00	45.14 -0.87 0.00	45.52 -1.90 0.00	53.03 -2.56 0.00	65.80 -3.32 0.00	86.81 -5.64 0.00	76.86 -4.56 0.00	68.11 -3.43 0.00	61.89 -2.44 0.00	54.16 -2.55 0.00	50.85 -1.84 0.00	47.09 -1.01 0.00
NGRID_A4_DSASP 323807	42.90 -0.43 0.00	41.10 -0.29 0.00	40.69 -0.58 0.00	40.71 -0.45 0.00	41.75 -0.34 0.00	42.50 -1.40 0.00	56.97 -3.64 0.00	72.00 -4.51 0.00	52.67 -2.83 0.00	48.71 -1.40 0.00	45.17 -0.92 0.00	43.33 -1.34 0.00	42.23 -1.81 0.00	45.14 -0.87 0.00	45.52 -1.90 0.00	53.03 -2.56 0.00	65.80 -3.32 0.00	86.81 -5.64 0.00	76.86 -4.56 0.00	68.11 -3.43 0.00	61.89 -2.44 0.00	54.16 -2.55 0.00	50.85 -1.84 0.00	47.09 -1.01 0.00
NIAGARA_115E_LBMP 323715	42.42 -0.91 0.00	40.89 -0.49 0.00	40.48 -0.79 0.00	40.26 -0.91 0.00	41.33 -0.76 0.00	42.32 -1.58 0.00	56.85 -3.76 0.00	72.31 -4.21 0.00	52.67 -2.83 0.00	48.56 -1.55 0.00	44.99 -1.11 0.00	43.38 -1.30 0.00	43.06 -0.97 0.00	45.00 -1.01 0.00	45.76 -1.66 0.00	53.03 -2.56 0.00	65.60 -3.52 0.00	87.55 -4.90 0.00	77.35 -4.07 0.00	68.54 -3.00 0.00	61.76 -2.58 0.00	55.29 -1.42 0.00	50.75 -1.95 0.00	46.94 -1.15 0.00
NIAGARA_115W_LBMP 323714	42.82 -0.52 0.00	40.77 -0.62 0.00	40.85 -0.41 0.00	40.62 -0.54 0.00	41.71 -0.38 0.00	42.41 -1.49 0.00	56.85 -3.76 0.00	72.23 -4.28 0.00	52.73 -2.77 0.00	48.66 -1.45 0.00	45.08 -1.01 0.00	43.47 -1.20 0.00	43.10 -0.93 0.00	45.04 -0.97 0.00	45.81 -1.61 0.00	53.09 -2.50 0.00	65.60 -3.52 0.00	87.46 -4.99 0.00	77.27 -4.15 0.00	68.47 -3.07 0.00	61.76 -2.58 0.00	55.35 -1.36 0.00	50.75 -1.95 0.00	46.99 -1.10 0.00
NIAGARA_230_LBMP 323716	42.90 -0.43 0.00	41.10 -0.29 0.00	40.94 -0.33 0.00	40.71 -0.45 0.00	41.75 -0.34 0.00	42.81 -1.10 0.00	57.45 -3.15 0.00	73.00 -3.52 0.00	53.17 -2.33 0.00	49.06 -1.05 0.00	45.45 -0.65 0.00	43.82 -0.85 0.00	43.46 -0.57 0.00	45.41 -0.60 0.00	46.19 -1.23 0.00	53.59 -2.00 0.00	66.22 -2.90 0.00	88.39 -4.07 0.00	78.00 -3.42 0.00	69.11 -2.43 0.00	62.28 -2.06 0.00	55.74 -0.96 0.00	51.17 -1.53 0.00	47.33 -0.77 0.00
NIAGARA___115KV_198_GIBSON 55903	42.81 -0.52 0.00	41.01 -0.37 0.00	40.61 -0.66 0.00	40.63 -0.54 0.00	41.71 -0.38 0.00	42.41 -1.49 0.00	56.85 -3.76 0.00	71.92 -4.59 0.00	52.56 -2.94 0.00	48.61 -1.50 0.00	45.08 -1.01 0.00	43.24 -1.43 0.00	42.14 -1.89 0.00	45.04 -0.97 0.00	45.43 -1.99 0.00	52.92 -2.67 0.00	65.66 -3.46 0.00	86.63 -5.82 0.00	76.70 -4.72 0.00	67.97 -3.58 0.00	61.76 -2.57 0.00	53.99 -2.72 0.00	50.75 -1.95 0.00	46.99 -1.11 0.00
NIAGARA____ 23760	42.90 -0.43 0.00	41.10 -0.29 0.00	40.94 -0.33 0.00	40.71 -0.45 0.00	41.75 -0.34 0.00	42.81 -1.10 0.00	57.45 -3.15 0.00	73.00 -3.52 0.00	53.17 -2.33 0.00	49.06 -1.05 0.00	45.45 -0.65 0.00	43.82 -0.85 0.00	43.46 -0.57 0.00	45.41 -0.60 0.00	46.19 -1.23 0.00	53.59 -2.00 0.00	66.22 -2.90 0.00	88.39 -4.07 0.00	78.00 -3.42 0.00	69.11 -2.43 0.00	62.28 -2.06 0.00	55.74 -0.96 0.00	51.17 -1.53 0.00	47.33 -0.77 0.00
NINE_MILE_1 23575	42.21 -1.13 0.00	40.27 -1.12 0.00	40.16 -1.11 0.00	40.01 -1.15 0.00	40.95 -1.13 0.00	42.72 -1.18 0.00	58.85 -1.76 0.00	74.37 -2.14 0.00	54.00 -1.50 0.00	48.76 -1.35 0.00	44.89 -1.20 0.00	43.47 -1.20 0.00	42.89 -1.15 0.00	44.81 -1.20 0.00	46.14 -1.28 0.00	54.09 -1.50 0.00	67.11 -2.01 0.00	89.77 -2.68 0.00	79.14 -2.28 0.00	69.54 -2.00 0.00	62.47 -1.87 0.00	55.06 -1.65 0.00	51.06 -1.63 0.00	46.66 -1.44 0.00
NINE_MILE_2 23744	42.21 -1.13 0.00	40.27 -1.12 0.00	40.16 -1.11 0.00	40.01 -1.15 0.00	40.95 -1.13 0.00	42.72 -1.18 0.00	58.85 -1.76 0.00	74.37 -2.14 0.00	54.00 -1.50 0.00	48.76 -1.35 0.00	44.89 -1.20 0.00	43.47 -1.20 0.00	42.89 -1.15 0.00	44.81 -1.20 0.00	46.14 -1.28 0.00	54.09 -1.50 0.00	67.11 -2.01 0.00	89.77 -2.68 0.00	79.14 -2.28 0.00	69.54 -2.00 0.00	62.47 -1.87 0.00	55.06 -1.65 0.00	51.06 -1.63 0.00	46.66 -1.44 0.00
NM_CAPITAL___DRP 24208	44.03 0.69 0.00	42.09 0.70 0.00	41.93 0.66 0.00	41.82 0.66 0.00	42.63 0.55 0.00	44.43 0.53 0.00	61.09 0.48 0.00	76.90 0.38 0.00	55.83 0.33 0.00	50.36 0.25 0.00	46.51 0.41 0.00	45.08 0.40 0.00	44.47 0.44 0.00	46.43 0.41 0.00	47.89 0.47 0.00	56.15 0.56 0.00	69.67 0.55 0.00	93.01 0.55 0.00	81.82 0.41 0.00	71.76 0.21 0.00	64.66 0.32 0.00	57.16 0.45 0.00	53.38 0.69 0.00	48.67 0.58 0.00
NM_CENTRAL___DRP 24181	43.16 -0.17 0.00	41.22 -0.17 0.00	41.06 -0.21 0.00	40.91 -0.25 0.00	41.92 -0.17 0.00	43.73 -0.18 0.00	60.24 -0.36 0.00	76.13 -0.38 0.00	55.28 -0.22 0.00	49.96 -0.15 0.00	46.05 -0.05 0.00	44.54 -0.13 0.00	43.86 -0.18 0.00	45.96 -0.05 0.00	47.23 -0.19 0.00	55.37 -0.22 0.00	68.77 -0.35 0.00	91.90 -0.55 0.00	80.93 -0.49 0.00	71.04 -0.50 0.00	63.95 -0.39 0.00	56.14 -0.57 0.00	52.17 -0.53 0.00	47.71 -0.38 0.00

NM_FRONTIER___DRP 24179	42.81 -0.52 0.00	41.01 -0.37 0.00	40.61 -0.66 0.00	40.63 -0.54 0.00	41.71 -0.38 0.00	42.41 -1.49 0.00	56.85 -3.76 0.00	71.92 -4.59 0.00	52.56 -2.94 0.00	48.61 -1.50 0.00	45.08 -1.01 0.00	43.24 -1.43 0.00	42.14 -1.89 0.00	45.04 -0.97 0.00	45.43 -1.99 0.00	52.92 -2.67 0.00	65.66 -3.46 0.00	86.63 -5.82 0.00	76.70 -4.72 0.00	67.97 -3.58 0.00	61.76 -2.57 0.00	53.99 -2.72 0.00	50.75 -1.95 0.00	46.99 -1.11 0.00
NM_ST_REGIS___HYD 24053	42.94 -0.39 0.00	41.05 -0.33 0.00	40.90 -0.37 0.00	40.91 -0.25 0.00	41.96 -0.13 0.00	43.99 0.09 0.00	60.67 0.06 0.00	77.28 0.77 0.00	56.06 0.56 0.00	50.36 0.25 0.00	46.23 0.14 0.00	44.94 0.27 0.00	44.21 0.18 0.00	46.20 0.18 0.00	47.56 0.14 0.00	55.70 0.11 0.00	69.12 0.00 0.00	92.73 0.28 0.00	81.66 0.24 0.00	72.12 0.57 0.00	65.24 0.90 0.00	57.84 1.13 0.00	53.91 1.21 0.00	49.11 1.01 0.00
NORTHPORT___1 23551	47.08 3.73 -0.02	44.83 3.43 -0.01	44.40 3.13 0.00	44.21 3.05 0.00	45.33 3.24 0.00	47.37 3.47 0.00	64.49 3.88 0.00	79.88 3.36 0.00	59.88 4.38 0.00	54.22 4.11 0.00	50.10 4.01 0.00	48.43 3.75 0.00	47.96 3.92 -0.01	50.12 4.09 -0.02	58.18 3.93 -6.83	60.40 4.28 -0.53	74.17 5.04 -0.01	99.49 7.02 -0.02	87.53 6.11 -0.01	73.03 5.15 3.67	68.85 4.50 -0.01	60.97 4.26 -0.01	57.25 3.95 -0.60	51.77 3.65 -0.02
NORTHPORT___2 23552	47.08 3.73 -0.02	44.83 3.43 -0.01	44.40 3.13 0.00	44.21 3.05 0.00	45.33 3.24 0.00	47.37 3.47 0.00	64.49 3.88 0.00	79.88 3.36 0.00	59.88 4.38 0.00	54.22 4.11 0.00	50.10 4.01 0.00	48.43 3.75 0.00	47.96 3.92 -0.01	50.12 4.09 -0.02	58.18 3.93 -6.83	60.40 4.28 -0.53	74.17 5.04 -0.01	99.49 7.02 -0.02	87.53 6.11 -0.01	73.03 5.15 3.67	68.85 4.50 -0.01	60.97 4.26 -0.01	57.25 3.95 -0.60	51.77 3.65 -0.02
NORTHPORT___3 23553	46.94 3.59 -0.02	44.71 3.31 -0.01	44.28 3.01 0.00	44.08 2.92 0.00	45.20 3.11 0.00	47.24 3.33 0.00	64.30 3.70 0.00	79.65 3.14 0.00	59.72 4.22 0.00	54.07 3.96 0.00	50.01 3.92 0.00	48.29 3.62 0.00	47.83 3.79 -0.01	50.03 4.00 -0.02	58.03 3.79 -6.82	60.19 4.11 -0.49	73.89 4.77 -0.01	99.21 6.75 -0.01	87.29 5.87 -0.01	74.18 4.87 2.23	68.65 4.31 -0.01	60.74 4.09 0.05	57.09 3.80 -0.60	51.62 3.51 -0.02
NORTHPORT___4 23650	46.94 3.59 -0.02	44.71 3.31 -0.01	44.28 3.01 0.00	44.08 2.92 0.00	45.20 3.11 0.00	47.24 3.33 0.00	64.30 3.70 0.00	79.65 3.14 0.00	59.72 4.22 0.00	54.07 3.96 0.00	50.01 3.92 0.00	48.29 3.62 0.00	47.83 3.79 -0.01	50.03 4.00 -0.02	58.03 3.79 -6.82	60.19 4.11 -0.49	73.89 4.77 -0.01	99.21 6.75 -0.01	87.29 5.87 -0.01	74.18 4.87 2.23	68.65 4.31 -0.01	60.74 4.09 0.05	57.09 3.80 -0.60	51.62 3.51 -0.02
NORTHPORT___IC 23718	47.08 3.73 -0.02	44.83 3.44 -0.01	44.40 3.14 0.00	44.21 3.05 0.00	45.33 3.24 0.00	47.37 3.47 0.00	63.94 3.33 0.00	79.73 3.21 0.00	59.44 3.94 0.00	54.12 4.01 0.00	50.06 3.96 0.00	48.38 3.71 0.00	48.05 4.01 -0.01	50.08 4.05 -0.02	58.18 3.94 -6.83	60.29 4.17 -0.53	74.11 4.98 -0.01	99.40 6.93 -0.02	87.45 6.02 -0.01	72.88 5.01 3.67	68.66 4.31 -0.01	61.02 4.31 -0.01	57.15 3.85 -0.60	51.77 3.66 -0.02
NORTH___COUNTRY_ESR 323785	41.82 -1.52 0.00	39.98 -1.41 0.00	39.82 -1.45 0.00	39.84 -1.32 0.00	40.82 -1.26 0.00	42.81 -1.10 0.00	58.85 -1.76 0.00	74.45 -2.06 0.00	54.06 -1.44 0.00	48.96 -1.15 0.00	44.94 -1.15 0.00	43.69 -0.98 0.00	42.97 -1.06 0.00	44.95 -1.06 0.00	46.42 -1.00 0.00	54.48 -1.11 0.00	68.09 -1.03 0.00	91.25 -1.20 0.00	80.44 -0.97 0.00	70.83 -0.72 0.00	63.89 -0.45 0.00	56.37 -0.34 0.00	52.75 0.05 0.00	48.29 0.19 0.00
NPX_GEN_1385_PROXY 323591	47.20 3.86 -0.02	45.08 3.68 -0.01	44.65 3.38 0.00	44.46 3.29 0.00	45.70 3.62 0.00	60.28 3.86 -12.51	72.74 4.42 -7.71	80.49 3.98 0.00	65.44 4.89 -5.05	54.22 4.11 0.00	49.96 3.87 0.00	48.38 3.71 0.00	47.78 3.74 -0.01	50.08 4.05 -0.02	57.99 3.75 -6.83	79.63 4.78 -19.26	94.48 5.60 -19.76	113.66 7.85 -13.35	92.00 6.84 -3.74	86.00 5.79 -8.66	84.14 5.08 -14.72	61.42 4.70 -0.01	57.67 4.37 -0.60	51.77 3.65 -0.02
NPX_GEN_CSC 323557	48.03 4.68 -0.02	45.57 4.18 -0.01	45.11 3.84 0.00	44.91 3.75 0.00	46.09 4.00 0.00	48.16 4.26 0.00	66.18 5.57 0.00	81.72 5.21 0.00	61.05 5.55 0.00	55.03 4.91 0.00	50.89 4.79 0.00	49.05 4.38 0.00	48.66 4.62 -0.01	51.00 4.97 -0.02	59.28 5.02 -6.84	62.98 5.73 -1.66	76.60 7.19 -0.29	102.68 10.17 -0.05	90.34 8.88 -0.05	82.92 7.58 -3.79	70.95 6.57 -0.05	64.77 5.90 -2.17	58.50 5.17 -0.64	52.88 4.76 -0.02
NSINS_S_GLNS_FALLS 23858	46.24 2.90 0.00	44.16 2.77 0.00	44.03 2.76 0.00	43.96 2.80 0.00	44.78 2.69 0.00	46.80 2.90 0.00	64.97 4.36 0.00	81.87 5.36 0.00	58.89 3.39 0.00	52.92 2.81 0.00	48.35 2.26 0.00	46.77 2.10 0.00	46.06 2.03 0.00	48.08 2.07 0.00	49.65 2.23 0.00	58.59 3.00 0.00	73.48 4.35 0.00	98.37 5.92 0.00	86.55 5.13 0.00	75.77 4.22 0.00	68.39 4.05 0.00	60.05 3.35 0.00	55.81 3.11 0.00	50.94 2.84 0.00
NUCOR_STEEL___DRP 24197	43.81 0.48 0.00	41.84 0.46 0.00	41.68 0.41 0.00	41.53 0.37 0.00	42.55 0.46 0.00	44.38 0.48 0.00	61.33 0.73 0.00	77.43 0.92 0.00	56.17 0.67 0.00	50.71 0.60 0.00	46.65 0.55 0.00	45.12 0.45 0.00	44.38 0.35 0.00	46.56 0.55 0.00	47.80 0.38 0.00	56.15 0.56 0.00	69.81 0.69 0.00	93.38 0.92 0.00	82.31 0.90 0.00	72.33 0.79 0.00	65.11 0.77 0.00	57.10 0.40 0.00	53.07 0.37 0.00	48.48 0.38 0.00
NUMBER_THREE_WT_PWR 323818	43.20 -0.13 0.00	41.34 -0.04 0.00	41.23 -0.04 0.00	41.08 -0.08 0.00	42.30 0.21 0.00	44.39 0.48 0.00	61.45 0.85 0.00	78.65 2.14 0.00	56.50 1.00 0.00	50.76 0.65 0.00	46.55 0.46 0.00	45.03 0.36 0.00	44.25 0.22 0.00	46.29 0.28 0.00	47.84 0.43 0.00	56.26 0.67 0.00	69.95 0.83 0.00	95.22 2.77 0.00	83.86 2.44 0.00	73.76 2.22 0.00	66.59 2.25 0.00	58.58 1.87 0.00	54.07 1.37 0.00	49.40 1.30 0.00
NYISO_LBMP_REFERENCE 24008	43.33 0.00 0.00	41.39 0.00 0.00	41.27 0.00 0.00	41.16 0.00 0.00	42.08 0.00 0.00	43.90 0.00 0.00	60.60 0.00 0.00	76.51 0.00 0.00	55.50 0.00 0.00	50.11 0.00 0.00	46.09 0.00 0.00	44.67 0.00 0.00	44.03 0.00 0.00	46.01 0.00 0.00	47.42 0.00 0.00	55.59 0.00 0.00	69.12 0.00 0.00	92.45 0.00 0.00	81.42 0.00 0.00	71.54 0.00 0.00	64.34 0.00 0.00	56.71 0.00 0.00	52.70 0.00 0.00	48.10 0.00 0.00
NYPA_BRENTWD____GT 24164	47.90 4.55 -0.02	45.53 4.14 -0.01	45.06 3.79 0.00	44.87 3.71 0.00	46.04 3.95 0.00	48.12 4.22 0.00	66.06 5.46 0.00	81.79 5.28 0.00	61.05 5.55 0.00	55.07 4.96 0.00	50.93 4.84 0.00	49.14 4.47 0.00	48.75 4.71 -0.01	51.00 4.97 -0.02	58.88 4.70 -6.76	60.96 4.72 -0.65	75.28 6.15 -0.01	101.35 8.88 -0.02	89.57 8.14 -0.01	78.77 6.30 -0.93	69.81 5.47 -0.01	61.73 4.82 -0.21	57.94 4.64 -0.60	52.73 4.62 -0.02

NYPA_GOWANUS____GT5 24156	46.20 2.86 -0.01	43.99 2.61 0.00	43.70 2.43 0.00	43.59 2.43 0.00	44.40 2.31 0.00	46.36 2.46 0.00	64.36 3.76 0.00	80.57 4.05 0.00	58.61 3.11 0.00	53.48 3.36 -0.01	49.33 3.23 -0.01	47.86 3.17 -0.02	47.32 3.13 -0.16	49.18 3.17 0.00	50.70 3.27 -0.02	58.87 3.28 0.00	72.37 3.25 0.00	97.17 4.71 0.00	85.49 4.07 0.00	74.91 3.36 0.00	67.36 3.02 0.00	59.48 2.78 0.00	55.86 3.16 0.00	50.75 2.64 -0.01
NYPA_GOWANUS____GT6 24157	46.20 2.86 -0.01	43.99 2.61 0.00	43.70 2.43 0.00	43.59 2.43 0.00	44.40 2.31 0.00	46.36 2.46 0.00	64.36 3.76 0.00	80.57 4.05 0.00	58.61 3.11 0.00	53.48 3.36 -0.01	49.33 3.23 -0.01	47.86 3.17 -0.02	47.32 3.13 -0.16	49.18 3.17 0.00	50.70 3.27 -0.02	58.87 3.28 0.00	72.37 3.25 0.00	97.17 4.71 0.00	85.49 4.07 0.00	74.91 3.36 0.00	67.36 3.02 0.00	59.48 2.78 0.00	55.86 3.16 0.00	50.75 2.64 -0.01
NYPA_HARLEM__RVR_GT1 24160	45.89 2.56 0.00	43.66 2.27 0.00	43.41 2.14 0.00	43.26 2.10 0.00	44.06 1.98 0.00	45.97 2.06 0.00	64.12 3.51 0.00	80.26 3.75 0.00	58.32 2.83 0.01	53.02 2.91 0.00	48.95 2.86 0.00	47.54 2.86 -0.01	46.87 2.82 -0.02	48.81 2.81 0.01	50.27 2.84 -0.01	58.87 3.28 0.00	72.02 2.90 0.01	96.70 4.26 0.01	85.08 3.67 0.00	74.54 3.00 0.01	66.97 2.64 0.01	59.20 2.49 0.00	55.65 2.95 0.00	50.31 2.21 0.00
NYPA_HARLEM__RVR_GT2 24161	45.89 2.56 0.00	43.66 2.27 0.00	43.41 2.14 0.00	43.26 2.10 0.00	44.06 1.98 0.00	45.97 2.06 0.00	64.12 3.51 0.00	80.26 3.75 0.00	58.32 2.83 0.01	53.02 2.91 0.00	48.95 2.86 0.00	47.54 2.86 -0.01	46.87 2.82 -0.02	48.81 2.81 0.01	50.27 2.84 -0.01	58.87 3.28 0.00	72.02 2.90 0.01	96.70 4.26 0.01	85.08 3.67 0.00	74.54 3.00 0.01	66.97 2.64 0.01	59.20 2.49 0.00	55.65 2.95 0.00	50.31 2.21 0.00
NYPA_KENT_____GT 24152	46.07 2.73 0.00	43.83 2.44 0.00	43.58 2.31 0.00	43.46 2.30 0.00	44.31 2.23 0.00	46.27 2.37 0.00	64.36 3.76 0.00	80.64 4.13 0.00	58.61 3.11 0.00	53.38 3.26 -0.01	49.28 3.18 -0.01	47.77 3.08 -0.02	47.23 3.04 -0.16	49.09 3.08 0.00	50.61 3.18 -0.02	58.93 3.34 0.00	72.37 3.25 0.00	97.07 4.62 0.00	85.49 4.07 0.00	74.84 3.29 0.00	67.30 2.96 0.00	59.43 2.72 0.00	55.70 3.00 0.00	50.60 2.50 0.00
NYPA_POUCH1_____GT 24155	46.29 2.95 -0.01	44.07 2.69 0.00	43.79 2.52 0.00	43.63 2.47 0.00	44.48 2.40 0.00	46.45 2.55 0.00	64.18 3.57 0.00	80.34 3.82 0.00	58.38 2.88 0.00	53.48 3.36 -0.01	49.33 3.23 -0.01	47.86 3.17 -0.02	47.32 3.13 -0.16	49.18 3.17 0.00	50.70 3.27 -0.02	58.70 3.11 0.00	72.16 3.04 0.00	96.89 4.44 0.00	85.33 3.91 0.00	74.77 3.22 0.00	67.16 2.83 0.00	59.32 2.61 0.00	55.91 3.22 0.00	50.89 2.79 -0.01
NYPA_VERNON_____GT2 24162	45.89 2.56 0.00	43.70 2.32 0.00	43.45 2.19 0.00	43.34 2.18 0.00	44.19 2.10 0.00	46.18 2.28 0.00	64.30 3.70 0.00	80.64 4.13 0.00	58.66 3.16 0.00	53.33 3.21 -0.01	49.19 3.09 -0.01	47.68 2.99 -0.02	47.14 2.95 -0.16	49.05 3.04 0.00	50.52 3.08 -0.02	58.93 3.34 0.00	72.44 3.32 0.00	97.17 4.71 0.00	85.49 4.07 0.00	74.91 3.36 0.00	67.30 2.96 0.00	59.43 2.72 0.00	55.54 2.84 0.00	50.41 2.31 0.00
NYPA_VERNON_____GT3 24163	45.89 2.56 0.00	43.70 2.32 0.00	43.45 2.19 0.00	43.34 2.18 0.00	44.19 2.10 0.00	46.18 2.28 0.00	64.30 3.70 0.00	80.64 4.13 0.00	58.66 3.16 0.00	53.33 3.21 -0.01	49.19 3.09 -0.01	47.68 2.99 -0.02	47.14 2.95 -0.16	49.05 3.04 0.00	50.52 3.08 -0.02	58.93 3.34 0.00	72.44 3.32 0.00	97.17 4.71 0.00	85.49 4.07 0.00	74.91 3.36 0.00	67.30 2.96 0.00	59.43 2.72 0.00	55.54 2.84 0.00	50.41 2.31 0.00
NYPA__ASTORIA_CC1 323568	45.85 2.51 0.00	43.66 2.27 0.00	43.41 2.14 0.00	43.30 2.14 0.00	44.10 2.02 0.00	46.10 2.19 0.00	64.24 3.64 0.00	80.49 3.98 0.00	58.55 3.05 0.00	53.23 3.11 -0.01	49.09 2.99 -0.01	47.59 2.90 -0.02	47.10 2.91 -0.16	48.96 2.95 0.00	50.42 2.99 -0.02	58.87 3.28 0.00	72.30 3.18 0.00	96.98 4.53 0.00	85.33 3.91 0.00	74.77 3.22 0.00	67.16 2.83 0.00	59.32 2.61 0.00	55.49 2.79 0.00	50.36 2.26 0.00
NYPA__ASTORIA_CC2 323569	45.85 2.51 0.00	43.66 2.27 0.00	43.41 2.14 0.00	43.30 2.14 0.00	44.10 2.02 0.00	46.10 2.19 0.00	64.24 3.64 0.00	80.49 3.98 0.00	58.55 3.05 0.00	53.23 3.11 -0.01	49.09 2.99 -0.01	47.59 2.90 -0.02	47.10 2.91 -0.16	48.96 2.95 0.00	50.42 2.99 -0.02	58.87 3.28 0.00	72.30 3.18 0.00	96.98 4.53 0.00	85.33 3.91 0.00	74.77 3.22 0.00	67.16 2.83 0.00	59.32 2.61 0.00	55.49 2.79 0.00	50.36 2.26 0.00
NYPA__HOLTSVILL 23794	47.42 4.07 -0.02	45.08 3.68 -0.01	44.65 3.38 0.00	44.46 3.29 0.00	45.58 3.49 0.00	47.63 3.73 0.00	65.27 4.67 0.00	80.57 4.05 0.00	60.33 4.83 0.00	54.47 4.36 0.00	50.38 4.29 0.00	48.65 3.97 0.00	48.22 4.19 -0.01	50.44 4.42 -0.02	58.62 4.36 -6.84	62.39 4.89 -1.91	75.11 5.95 -0.05	100.73 8.23 -0.05	88.71 7.24 -0.05	81.45 6.08 -3.83	69.72 5.34 -0.05	63.81 4.93 -2.17	57.71 4.37 -0.64	52.20 4.09 -0.02
NYPA_____HELLGATE_GT1 24158	45.89 2.56 0.00	43.66 2.27 0.00	43.41 2.14 0.00	43.26 2.10 0.00	44.06 1.98 0.00	45.97 2.06 0.00	64.12 3.51 0.00	80.26 3.75 0.00	58.32 2.83 0.01	53.02 2.91 0.00	48.95 2.86 0.00	47.54 2.86 -0.01	47.13 2.82 -0.28	48.81 2.81 0.01	50.27 2.84 -0.01	58.87 3.28 0.00	71.95 2.84 0.01	96.51 4.06 0.01	85.00 3.58 0.00	74.40 2.86 0.01	66.97 2.64 0.01	59.20 2.49 0.00	55.65 2.95 0.00	50.31 2.21 0.00
NYPA_____HELLGATE_GT2 24159	45.89 2.56 0.00	43.66 2.27 0.00	43.41 2.14 0.00	43.26 2.10 0.00	44.06 1.98 0.00	45.97 2.06 0.00	64.12 3.51 0.00	80.26 3.75 0.00	58.32 2.83 0.01	53.02 2.91 0.00	48.95 2.86 0.00	47.54 2.86 -0.01	47.13 2.82 -0.28	48.81 2.81 0.01	50.27 2.84 -0.01	58.87 3.28 0.00	71.95 2.84 0.01	96.51 4.06 0.01	85.00 3.58 0.00	74.40 2.86 0.01	66.97 2.64 0.01	59.20 2.49 0.00	55.65 2.95 0.00	50.31 2.21 0.00
NYS_BARGE__HYD 23848	43.03 -0.30 0.00	41.39 0.00 0.00	41.10 -0.16 0.00	40.87 -0.29 0.00	41.96 -0.13 0.00	43.02 -0.88 0.00	57.94 -2.67 0.00	73.83 -2.68 0.00	53.72 -1.78 0.00	49.41 -0.70 0.00	45.72 -0.37 0.00	44.09 -0.58 0.00	43.77 -0.26 0.00	45.78 -0.23 0.00	46.57 -0.85 0.00	53.98 -1.61 0.00	66.77 -2.35 0.00	89.31 -3.14 0.00	78.89 -2.52 0.00	69.90 -1.64 0.00	62.92 -1.42 0.00	56.31 -0.39 0.00	51.64 -1.05 0.00	47.76 -0.33 0.00
OAK ORCHARD__HYD 24046	43.55 0.22 0.00	41.59 0.21 0.00	41.43 0.17 0.00	41.24 0.08 0.00	42.34 0.25 0.00	43.86 -0.04 0.00	59.76 -0.85 0.00	76.13 -0.38 0.00	55.28 -0.22 0.00	50.36 0.25 0.00	46.46 0.37 0.00	45.03 0.36 0.00	44.56 0.53 0.00	46.52 0.51 0.00	47.61 0.19 0.00	55.53 -0.06 0.00	68.64 -0.48 0.00	92.09 -0.37 0.00	80.93 -0.49 0.00	71.47 -0.07 0.00	64.27 -0.06 0.00	57.05 0.34 0.00	52.54 -0.16 0.00	48.29 0.19 0.00

OAKDALE___35_KV_LOAD 356122	44.07 0.74 0.00	42.13 0.74 0.00	42.01 0.74 0.00	41.86 0.70 0.00	42.84 0.76 0.00	44.65 0.75 0.00	61.76 1.15 0.00	77.89 1.38 0.00	56.39 0.89 0.00	51.06 0.95 0.00	47.01 0.92 0.00	45.48 0.80 0.00	44.74 0.70 0.00	46.89 0.87 0.00	48.18 0.76 0.00	56.54 0.95 0.00	70.36 1.24 0.00	94.03 1.57 0.00	82.64 1.22 0.00	72.62 1.07 0.00	65.43 1.09 0.00	57.44 0.74 0.00	53.38 0.69 0.00	48.82 0.72 0.00
OCC_CHEM___DRP 24175	42.90 -0.43 0.00	41.10 -0.29 0.00	40.69 -0.58 0.00	40.71 -0.45 0.00	41.75 -0.34 0.00	42.50 -1.40 0.00	56.97 -3.64 0.00	72.00 -4.51 0.00	52.67 -2.83 0.00	48.71 -1.40 0.00	45.17 -0.92 0.00	43.33 -1.34 0.00	42.23 -1.81 0.00	45.14 -0.87 0.00	45.52 -1.90 0.00	53.03 -2.56 0.00	65.80 -3.32 0.00	86.81 -5.64 0.00	76.86 -4.56 0.00	68.11 -3.43 0.00	61.89 -2.44 0.00	54.16 -2.55 0.00	50.85 -1.84 0.00	47.09 -1.01 0.00
OH_GEN_PROXY 24063	42.90 -0.43 0.00	41.10 -0.29 0.00	40.94 -0.33 0.00	40.71 -0.45 0.00	41.79 -0.29 0.00	42.85 -1.05 0.00	57.58 -3.03 0.00	73.15 -3.36 0.00	53.28 -2.22 0.00	49.11 -1.00 0.00	45.49 -0.60 0.00	43.91 -0.76 0.00	43.55 -0.48 0.00	45.46 -0.55 0.00	46.28 -1.14 0.00	53.40 -1.95 0.25	66.60 -2.77 -0.25	88.57 -3.88 0.00	78.24 -3.18 0.00	69.25 -2.29 0.00	62.47 -1.87 0.00	55.86 -0.85 0.00	51.22 -1.48 0.00	47.38 -0.72 0.00
OLIN_CORP_DRP 24177	42.51 -0.82 0.00	40.72 -0.66 0.00	40.81 -0.45 0.00	40.34 -0.82 0.00	41.41 -0.67 0.00	42.41 -1.49 0.00	56.97 -3.64 0.00	72.15 -4.36 0.00	52.61 -2.89 0.00	48.61 -1.50 0.00	45.08 -1.01 0.00	43.24 -1.43 0.00	42.18 -1.85 0.00	45.09 -0.92 0.00	45.43 -1.99 0.00	52.98 -2.61 0.00	65.80 -3.32 0.00	86.91 -5.55 0.00	77.02 -4.40 0.00	68.18 -3.36 0.00	61.83 -2.51 0.00	54.10 -2.61 0.00	50.85 -1.84 0.00	47.04 -1.06 0.00
OLIN_CORP_DSASP 323712	42.90 -0.43 0.00	41.10 -0.29 0.00	40.69 -0.58 0.00	40.71 -0.45 0.00	41.75 -0.34 0.00	42.50 -1.40 0.00	56.97 -3.64 0.00	72.00 -4.51 0.00	52.67 -2.83 0.00	48.71 -1.40 0.00	45.17 -0.92 0.00	43.33 -1.34 0.00	42.23 -1.81 0.00	45.14 -0.87 0.00	45.52 -1.90 0.00	53.03 -2.56 0.00	65.80 -3.32 0.00	86.81 -5.64 0.00	76.86 -4.56 0.00	68.11 -3.43 0.00	61.89 -2.44 0.00	54.16 -2.55 0.00	50.85 -1.84 0.00	47.09 -1.01 0.00
ONEIDA_HERK_LFGE 323681	43.94 0.61 0.00	42.05 0.66 0.00	41.93 0.66 0.00	41.78 0.62 0.00	42.88 0.80 0.00	44.91 1.01 0.00	62.12 1.52 0.00	79.12 2.60 0.00	57.00 1.50 0.00	51.37 1.25 0.00	47.15 1.06 0.00	45.65 0.98 0.00	44.91 0.88 0.00	46.93 0.92 0.00	48.46 1.04 0.00	56.98 1.39 0.00	70.91 1.79 0.00	95.69 3.23 0.00	84.19 2.77 0.00	73.98 2.43 0.00	66.59 2.25 0.00	58.52 1.81 0.00	54.12 1.42 0.00	49.44 1.34 0.00
ONEIDA___115KV_TB4 55905	44.50 1.17 0.00	42.59 1.20 0.00	42.46 1.20 0.00	42.31 1.15 0.00	43.39 1.30 0.00	45.39 1.49 0.00	62.85 2.24 0.00	79.65 3.14 0.00	57.50 2.00 0.00	51.82 1.70 0.00	47.61 1.52 0.00	46.06 1.38 0.00	45.31 1.28 0.00	47.44 1.43 0.00	48.94 1.52 0.00	57.48 1.89 0.00	71.61 2.49 0.00	96.15 3.70 0.00	84.51 3.09 0.00	74.19 2.65 0.00	66.78 2.44 0.00	58.58 1.87 0.00	54.23 1.53 0.00	49.59 1.49 0.00
ONONDAGA_REF_OCCRA 23987	43.38 0.04 0.00	41.43 0.04 0.00	41.31 0.04 0.00	41.12 -0.04 0.00	42.13 0.04 0.00	43.95 0.04 0.00	60.67 0.06 0.00	76.67 0.15 0.00	55.61 0.11 0.00	50.21 0.10 0.00	46.23 0.14 0.00	44.72 0.04 0.00	44.08 0.04 0.00	46.15 0.14 0.00	47.47 0.05 0.00	55.70 0.11 0.00	69.19 0.07 0.00	92.55 0.09 0.00	81.50 0.08 0.00	71.62 0.07 0.00	64.40 0.06 0.00	56.54 -0.17 0.00	52.49 -0.21 0.00	47.95 -0.14 0.00
ONONDAGA___COGEN 23986	43.42 0.09 0.00	41.47 0.08 0.00	41.31 0.04 0.00	41.16 0.00 0.00	42.13 0.04 0.00	43.99 0.09 0.00	60.73 0.12 0.00	76.67 0.15 0.00	55.67 0.17 0.00	50.26 0.15 0.00	46.23 0.14 0.00	44.76 0.09 0.00	44.08 0.04 0.00	46.15 0.14 0.00	47.47 0.05 0.00	55.70 0.11 0.00	69.26 0.14 0.00	92.55 0.09 0.00	81.50 0.08 0.00	71.62 0.07 0.00	64.40 0.06 0.00	56.54 -0.17 0.00	52.54 -0.16 0.00	47.95 -0.14 0.00
ONTARIO___LFGE 23819	43.55 0.22 0.00	41.59 0.21 0.00	41.43 0.17 0.00	41.28 0.12 0.00	42.34 0.25 0.00	44.08 0.18 0.00	60.67 0.06 0.00	77.05 0.54 0.00	55.89 0.39 0.00	50.61 0.50 0.00	46.55 0.46 0.00	45.07 0.40 0.00	44.56 0.53 0.00	46.57 0.55 0.00	47.75 0.33 0.00	55.98 0.39 0.00	69.40 0.28 0.00	93.11 0.65 0.00	81.83 0.41 0.00	72.05 0.50 0.00	64.79 0.45 0.00	57.16 0.45 0.00	52.75 0.05 0.00	48.24 0.14 0.00
ORANGEVILLE_WT_PWR 323706	43.12 -0.22 0.00	41.43 0.04 0.00	41.31 0.04 0.00	41.12 -0.04 0.00	42.30 0.21 0.00	43.64 -0.26 0.00	59.21 -1.39 0.00	75.37 -1.15 0.00	54.44 -1.06 0.00	49.81 -0.30 0.00	46.18 0.09 0.00	44.54 -0.13 0.00	44.21 0.18 0.00	46.34 0.32 0.00	47.18 -0.24 0.00	54.93 -0.66 0.00	68.09 -1.03 0.00	91.25 -1.20 0.00	80.44 -0.97 0.00	71.33 -0.21 0.00	64.27 -0.06 0.00	57.22 0.51 0.00	52.65 -0.05 0.00	48.63 0.53 0.00
ORANGEVILLE___ESR 323794	43.12 -0.22 0.00	41.43 0.04 0.00	41.31 0.04 0.00	41.12 -0.04 0.00	42.30 0.21 0.00	43.64 -0.26 0.00	59.21 -1.39 0.00	75.37 -1.15 0.00	54.44 -1.06 0.00	49.81 -0.30 0.00	46.18 0.09 0.00	44.54 -0.13 0.00	44.21 0.18 0.00	46.34 0.32 0.00	47.18 -0.24 0.00	54.93 -0.66 0.00	68.09 -1.03 0.00	91.25 -1.20 0.00	80.44 -0.97 0.00	71.33 -0.21 0.00	64.27 -0.06 0.00	57.22 0.51 0.00	52.65 -0.05 0.00	48.63 0.53 0.00
OSWEGATCHIE___HYD 24044	42.90 -0.43 0.00	41.05 -0.33 0.00	40.90 -0.37 0.00	40.83 -0.33 0.00	41.96 -0.13 0.00	44.03 0.13 0.00	60.54 -0.06 0.00	77.28 0.77 0.00	55.78 0.28 0.00	50.16 0.05 0.00	46.14 0.05 0.00	44.72 0.04 0.00	43.99 -0.04 0.00	45.97 -0.05 0.00	47.37 -0.05 0.00	55.48 -0.11 0.00	68.64 -0.48 0.00	92.64 0.19 0.00	81.66 0.24 0.00	71.98 0.43 0.00	65.05 0.71 0.00	57.61 0.90 0.00	53.54 0.84 0.00	48.86 0.77 0.00
OSWEGO___5 23606	42.55 -0.78 0.00	40.60 -0.79 0.00	40.48 -0.79 0.00	40.34 -0.82 0.00	41.28 -0.80 0.00	43.07 -0.84 0.00	59.39 -1.21 0.00	75.06 -1.46 0.00	54.50 -1.00 0.00	49.21 -0.90 0.00	45.26 -0.83 0.00	43.87 -0.80 0.00	43.24 -0.79 0.00	45.18 -0.83 0.00	46.52 -0.90 0.00	54.53 -1.06 0.00	67.74 -1.38 0.00	90.61 -1.85 0.00	79.79 -1.63 0.00	70.18 -1.36 0.00	63.05 -1.29 0.00	55.57 -1.13 0.00	51.54 -1.16 0.00	47.04 -1.06 0.00
OSWEGO___6 23613	42.55 -0.78 0.00	40.60 -0.79 0.00	40.48 -0.79 0.00	40.34 -0.82 0.00	41.28 -0.80 0.00	43.07 -0.84 0.00	59.39 -1.21 0.00	75.06 -1.46 0.00	54.50 -1.00 0.00	49.21 -0.90 0.00	45.26 -0.83 0.00	43.87 -0.80 0.00	43.24 -0.79 0.00	45.18 -0.83 0.00	46.52 -0.90 0.00	54.53 -1.06 0.00	67.74 -1.38 0.00	90.61 -1.85 0.00	79.79 -1.63 0.00	70.18 -1.36 0.00	63.05 -1.29 0.00	55.57 -1.13 0.00	51.54 -1.16 0.00	47.04 -1.06 0.00

OUTOKUMPU-AB___DRP 24206	43.42 0.09 0.00	41.63 0.25 0.00	41.47 0.21 0.00	41.28 0.12 0.00	42.38 0.29 0.00	43.33 -0.57 0.00	58.42 -2.18 0.00	74.07 -2.45 0.00	54.00 -1.50 0.00	49.81 -0.30 0.00	46.18 0.09 0.00	44.27 -0.40 0.00	43.19 -0.84 0.00	46.24 0.23 0.00	46.61 -0.81 0.00	54.31 -1.28 0.00	67.53 -1.59 0.00	89.31 -3.14 0.00	79.06 -2.36 0.00	70.04 -1.50 0.00	63.44 -0.90 0.00	55.52 -1.19 0.00	52.17 -0.53 0.00	48.19 0.10 0.00
OXBOW___BTM 323836	43.20 -0.13 0.00	41.26 -0.12 0.00	41.27 0.00 0.00	41.04 -0.12 0.00	42.13 0.04 0.00	42.98 -0.92 0.00	57.76 -2.85 0.00	73.53 -2.99 0.00	53.61 -1.89 0.00	49.41 -0.70 0.00	45.77 -0.32 0.00	44.09 -0.58 0.00	43.77 -0.26 0.00	45.78 -0.23 0.00	46.57 -0.85 0.00	53.98 -1.61 0.00	66.77 -2.35 0.00	89.13 -3.32 0.00	78.73 -2.68 0.00	69.76 -1.79 0.00	62.79 -1.54 0.00	56.25 -0.46 0.00	51.64 -1.05 0.00	47.71 -0.39 0.00
OXBOW___ 24026	43.20 -0.13 0.00	41.43 0.04 0.00	41.10 -0.17 0.00	41.04 -0.12 0.00	42.13 0.04 0.00	42.98 -0.92 0.00	57.82 -2.79 0.00	73.15 -3.37 0.00	53.45 -2.05 0.00	49.36 -0.75 0.00	45.77 -0.32 0.00	43.87 -0.80 0.00	42.80 -1.23 0.00	45.78 -0.23 0.00	46.14 -1.28 0.00	53.76 -1.83 0.00	66.84 -2.28 0.00	88.29 -4.16 0.00	78.16 -3.26 0.00	69.18 -2.36 0.00	62.79 -1.54 0.00	54.95 -1.76 0.00	51.59 -1.11 0.00	47.71 -0.38 0.00
OXY_CHEM_DSASP 323612	42.90 -0.43 0.00	41.10 -0.29 0.00	40.69 -0.58 0.00	40.71 -0.45 0.00	41.75 -0.34 0.00	42.50 -1.40 0.00	56.97 -3.64 0.00	72.00 -4.51 0.00	52.67 -2.83 0.00	48.71 -1.40 0.00	45.17 -0.92 0.00	43.33 -1.34 0.00	42.23 -1.81 0.00	45.14 -0.87 0.00	45.52 -1.90 0.00	53.03 -2.56 0.00	65.80 -3.32 0.00	86.81 -5.64 0.00	76.86 -4.56 0.00	68.11 -3.43 0.00	61.89 -2.44 0.00	54.16 -2.55 0.00	50.85 -1.84 0.00	47.09 -1.01 0.00
OZONE_PARK_ESR 323760	46.11 2.77 0.00	43.91 2.52 0.00	43.66 2.39 0.00	43.55 2.39 0.00	44.40 2.31 0.00	46.45 2.55 0.00	64.79 4.18 0.00	81.49 4.97 0.00	59.05 3.55 0.00	53.62 3.51 0.00	49.46 3.36 0.00	47.99 3.31 -0.02	47.54 3.35 -0.16	49.28 3.27 0.00	50.90 3.46 -0.02	59.20 3.61 0.00	73.27 4.15 0.00	98.37 5.92 0.00	86.47 5.05 0.00	75.77 4.22 0.00	67.88 3.54 0.00	60.05 3.35 0.00	55.75 3.06 0.00	50.74 2.65 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	42.90 -0.43 0.00	41.10 -0.29 0.00	40.69 -0.58 0.00	40.71 -0.45 0.00	41.75 -0.34 0.00	42.50 -1.40 0.00	56.97 -3.64 0.00	72.00 -4.51 0.00	52.67 -2.83 0.00	48.71 -1.40 0.00	45.17 -0.92 0.00	43.33 -1.34 0.00	42.23 -1.81 0.00	45.14 -0.87 0.00	45.52 -1.90 0.00	53.03 -2.56 0.00	65.80 -3.32 0.00	86.81 -5.64 0.00	76.86 -4.56 0.00	68.11 -3.43 0.00	61.89 -2.44 0.00	54.16 -2.55 0.00	50.85 -1.84 0.00	47.09 -1.01 0.00
PACKARD___115KV_DUPONT_184 80571	42.90 -0.43 0.00	40.85 -0.54 0.00	40.94 -0.33 0.00	40.71 -0.45 0.00	41.75 -0.34 0.00	42.50 -1.41 0.00	56.97 -3.63 0.00	72.38 -4.13 0.00	52.84 -2.66 0.00	48.76 -1.35 0.00	45.17 -0.92 0.00	43.56 -1.12 0.00	43.24 -0.79 0.00	45.14 -0.88 0.00	45.95 -1.47 0.00	53.20 -2.39 0.00	65.74 -3.39 0.00	87.64 -4.81 0.00	77.43 -3.99 0.00	68.68 -2.86 0.00	61.89 -2.44 0.00	55.46 -1.25 0.00	50.91 -1.79 0.00	47.09 -1.01 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	45.80 2.47 0.00	43.58 2.19 0.00	43.33 2.06 0.00	43.18 2.02 0.00	44.02 1.94 0.00	45.88 1.98 0.00	63.88 3.27 0.00	79.96 3.44 0.00	58.11 2.61 0.00	52.82 2.71 0.00	48.77 2.67 0.00	47.33 2.64 -0.02	46.73 2.69 -0.01	48.59 2.58 0.00	50.14 2.70 -0.02	58.43 2.84 0.00	71.89 2.76 0.00	96.43 3.98 0.00	84.76 3.34 0.00	74.26 2.72 0.00	66.59 2.25 0.00	59.09 2.38 0.00	55.44 2.74 0.00	50.21 2.12 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	46.41 3.08 0.00	44.20 2.81 0.00	43.95 2.68 0.00	43.75 2.59 0.00	44.61 2.53 0.00	46.49 2.59 0.00	64.79 4.18 0.00	81.11 4.59 0.00	58.83 3.33 0.00	53.47 3.36 0.00	49.32 3.23 0.00	47.86 3.17 -0.02	47.30 3.26 -0.01	49.14 3.13 0.00	50.71 3.27 -0.02	59.09 3.50 0.00	72.65 3.53 0.00	97.63 5.18 0.00	85.90 4.48 0.00	75.19 3.65 0.00	67.36 3.02 0.00	59.77 3.06 0.00	56.07 3.37 0.00	50.84 2.74 0.00
PATROON___115KV_TB1 80586	44.03 0.69 0.00	42.09 0.70 0.00	41.93 0.66 0.00	41.86 0.70 0.00	42.63 0.55 0.00	44.43 0.53 0.00	61.09 0.48 0.00	76.90 0.38 0.00	55.83 0.33 0.00	50.41 0.30 0.00	46.60 0.51 0.00	45.16 0.49 0.00	44.56 0.53 0.00	46.52 0.51 0.00	47.99 0.57 0.00	56.26 0.67 0.00	69.74 0.62 0.00	93.10 0.65 0.00	81.82 0.41 0.00	71.83 0.29 0.00	64.72 0.39 0.00	57.22 0.51 0.00	53.54 0.84 0.00	48.87 0.77 0.00
PATTRSNVILLE___SOLAR 323815	44.85 1.52 0.00	42.83 1.45 0.00	42.71 1.44 0.00	42.64 1.48 0.00	43.52 1.43 0.00	45.44 1.54 0.00	63.27 2.66 0.00	79.58 3.06 0.00	56.89 1.39 0.00	51.02 0.90 0.00	46.65 0.56 0.00	45.17 0.49 0.00	44.52 0.49 0.00	46.61 0.60 0.00	48.22 0.81 0.00	57.14 1.55 0.00	71.81 2.69 0.00	96.34 3.88 0.00	84.27 2.85 0.00	73.98 2.43 0.00	66.53 2.19 0.00	58.52 1.81 0.00	54.28 1.58 0.00	49.49 1.40 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	43.42 0.09 0.00	41.63 0.25 0.00	41.60 0.33 0.00	41.33 0.16 0.00	42.46 0.38 0.00	43.68 -0.22 0.00	59.21 -1.39 0.00	75.06 -1.45 0.00	54.45 -1.05 0.00	50.06 -0.05 0.00	46.51 0.41 0.00	44.54 -0.13 0.00	43.55 -0.48 0.00	46.56 0.55 0.00	46.94 -0.47 0.00	54.65 -0.95 0.00	68.15 -0.97 0.00	90.42 -2.03 0.00	80.03 -1.38 0.00	70.83 -0.72 0.00	64.14 -0.19 0.00	56.03 -0.68 0.00	52.59 -0.11 0.00	48.58 0.48 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	45.72 2.38 0.00	43.62 2.23 0.00	43.45 2.19 0.00	43.38 2.22 0.00	44.19 2.10 0.00	46.18 2.28 0.00	64.42 3.82 0.00	81.03 4.51 0.00	58.50 3.00 0.00	52.82 2.71 0.00	48.67 2.58 0.00	47.18 2.50 0.00	46.59 2.55 0.00	48.50 2.48 0.00	49.98 2.56 0.00	58.54 2.95 0.00	72.71 3.59 0.00	97.63 5.18 0.00	85.90 4.48 0.00	75.26 3.72 0.00	67.42 3.09 0.00	59.60 2.89 0.00	55.28 2.58 0.00	50.36 2.26 0.00
PEEKSKILL___ 23653	45.46 2.12 0.00	43.33 1.95 0.00	43.13 1.86 0.00	43.06 1.89 0.00	43.89 1.81 0.00	45.83 1.93 0.00	63.81 3.21 0.00	80.26 3.75 0.00	58.16 2.66 0.00	52.62 2.50 0.00	48.58 2.49 0.00	47.04 2.37 0.00	46.36 2.33 0.00	48.40 2.39 0.00	49.84 2.42 0.00	58.26 2.67 0.00	72.16 3.04 0.00	96.89 4.44 0.00	85.16 3.75 0.00	74.69 3.14 0.00	66.98 2.64 0.00	59.09 2.38 0.00	54.91 2.21 0.00	49.97 1.87 0.00
PGE MADISON___WINDPWR 24146	46.15 2.82 0.00	44.28 2.90 0.00	44.16 2.89 0.00	44.00 2.84 0.00	45.28 3.20 0.00	47.59 3.69 0.00	66.73 6.12 0.00	85.01 8.49 0.00	60.77 5.27 0.00	54.72 4.61 0.00	50.10 4.01 0.00	48.38 3.71 0.00	47.47 3.43 0.00	49.92 3.91 0.00	51.59 4.17 0.00	61.20 5.61 0.00	76.93 7.81 0.00	103.83 11.37 0.00	90.29 8.87 0.00	79.27 7.73 0.00	71.35 7.01 0.00	62.21 5.50 0.00	57.28 4.58 0.00	52.52 4.42 0.00

PIERCEFIELD___HYD 23852	43.07 -0.26 0.00	41.22 -0.17 0.00	41.06 -0.21 0.00	41.08 -0.08 0.00	42.13 0.04 0.00	44.12 0.22 0.00	60.73 0.12 0.00	77.43 0.92 0.00	56.17 0.67 0.00	50.46 0.35 0.00	46.32 0.23 0.00	45.03 0.36 0.00	44.30 0.26 0.00	46.29 0.28 0.00	47.56 0.14 0.00	55.59 0.00 0.00	68.91 -0.21 0.00	92.36 -0.09 0.00	81.34 -0.08 0.00	71.90 0.36 0.00	65.04 0.71 0.00	57.73 1.02 0.00	53.86 1.16 0.00	49.06 0.96 0.00
PINELAWN_CC_1 323563	47.33 3.98 -0.01	45.04 3.64 -0.01	44.61 3.34 0.00	44.41 3.25 0.00	45.54 3.45 0.00	47.59 3.69 0.00	65.34 4.73 0.00	81.03 4.51 0.00	60.33 4.83 0.00	54.47 4.36 0.00	50.38 4.29 0.00	48.65 3.97 0.00	48.22 4.19 -0.01	50.40 4.37 -0.01	58.24 4.22 -6.60	60.77 4.61 -0.57	75.07 5.95 -0.01	100.79 8.32 -0.02	88.83 7.41 -0.01	77.92 6.08 -0.30	69.68 5.34 -0.01	61.57 4.76 -0.09	57.50 4.22 -0.58	52.10 3.99 -0.01
PJM_GEN_HTP_PROXY 323702	45.76 2.43 0.00	43.58 2.19 0.00	43.33 2.06 0.00	43.26 2.10 0.00	44.10 2.02 0.00	46.10 2.19 0.00	64.30 3.70 0.00	80.87 4.36 0.00	58.61 3.11 0.00	53.17 3.06 0.00	49.04 2.95 0.00	47.54 2.86 0.00	46.86 2.82 -0.01	48.86 2.85 0.00	50.36 2.94 0.00	58.57 3.22 0.25	72.89 3.52 -0.25	97.44 4.99 0.00	85.65 4.23 0.00	75.12 3.58 0.00	67.36 3.02 0.00	59.43 2.72 0.00	55.28 2.58 0.00	50.31 2.21 0.00
PJM_GEN_KEystone 24065	44.20 0.87 0.00	42.26 0.87 0.00	42.09 0.83 0.00	41.94 0.78 0.00	42.88 0.80 0.00	44.56 0.66 0.00	61.27 0.67 0.00	77.44 0.84 -0.08	55.81 0.39 0.08	50.91 0.80 0.00	47.11 1.01 0.00	45.57 0.89 0.00	45.01 0.97 -0.01	46.98 0.97 0.00	48.08 0.66 0.00	55.74 0.39 0.25	69.65 0.28 -0.25	93.19 0.74 0.00	81.99 0.57 0.00	72.26 0.72 0.00	64.98 0.64 0.00	57.56 0.85 0.00	53.23 0.53 0.00	48.82 0.72 0.00
PJM_GEN_NEPTUNE_PROXY 323594	46.64 3.29 -0.02	44.45 3.06 -0.01	44.03 2.77 0.00	43.88 2.72 0.00	44.95 2.86 0.00	46.97 3.07 0.00	64.49 3.88 0.00	80.04 3.52 0.00	59.55 4.05 0.00	53.82 3.71 0.00	49.78 3.69 0.00	48.11 3.44 0.00	47.65 3.61 -0.01	49.71 3.68 -0.02	56.44 3.42 -5.61	59.56 3.78 -0.19	74.21 4.84 -0.25	99.22 6.75 -0.02	87.36 5.94 -0.01	76.49 4.93 -0.02	68.72 4.38 -0.01	60.62 3.91 -0.01	56.52 3.32 -0.50	51.29 3.17 -0.02
PJM_GEN_VFT_PROXY 323633	45.59 2.25 0.00	43.37 1.99 0.00	43.17 1.90 0.00	43.06 1.89 0.00	43.89 1.81 0.00	45.92 2.02 0.00	64.18 3.57 0.00	80.64 4.13 0.00	58.50 2.99 0.00	53.03 2.91 -0.01	48.96 2.86 -0.01	47.46 2.77 -0.02	46.92 2.73 -0.16	48.77 2.76 0.00	50.28 2.84 -0.02	58.40 3.06 0.25	72.62 3.25 -0.25	97.17 4.71 0.00	85.41 3.99 0.00	74.84 3.29 0.00	67.16 2.83 0.00	59.26 2.55 0.00	55.12 2.43 0.00	50.16 2.07 0.00
PLATSBURG_115KV_PMLD1 355749	42.03 -1.30 0.00	40.19 -1.20 0.00	39.99 -1.28 0.00	40.09 -1.07 0.00	41.07 -1.01 0.00	43.07 -0.83 0.00	59.57 -1.03 0.00	75.75 -0.77 0.00	55.00 -0.50 0.00	49.51 -0.60 0.00	45.45 -0.65 0.00	44.23 -0.45 0.00	43.55 -0.48 0.00	45.50 -0.51 0.00	47.04 -0.38 0.00	55.42 -0.17 0.00	69.19 0.07 0.00	92.73 0.28 0.00	81.74 0.33 0.00	71.97 0.43 0.00	64.92 0.58 0.00	57.27 0.57 0.00	53.33 0.63 0.00	48.53 0.43 0.00
PLEASANTVLY___LBMP 24000	45.15 1.82 0.00	43.04 1.66 0.00	42.92 1.65 0.00	42.81 1.65 0.00	43.64 1.56 0.00	45.57 1.67 0.00	63.27 2.67 0.00	79.58 3.06 0.00	57.67 2.16 0.00	52.22 2.10 0.00	48.12 2.03 0.00	46.68 2.01 0.00	46.10 2.07 0.00	47.99 1.98 0.00	49.50 2.09 0.00	57.76 2.17 0.00	71.61 2.49 0.00	96.06 3.61 0.00	84.43 3.01 0.00	74.05 3.29 0.00	66.40 2.06 0.00	58.69 1.98 0.00	54.49 1.79 0.00	49.68 1.59 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	45.63 2.30 0.00	43.46 2.07 0.00	43.29 2.02 0.00	43.18 2.02 0.00	44.02 1.94 0.00	46.01 2.11 0.00	63.94 3.33 0.00	80.49 3.98 0.00	58.28 2.78 0.00	52.82 2.71 0.00	48.72 2.63 0.00	47.26 2.59 0.00	46.67 2.64 0.00	48.54 2.53 0.00	50.07 2.66 0.00	58.37 2.78 0.00	72.37 3.25 0.00	97.17 4.72 0.00	85.41 3.99 0.00	74.91 3.36 0.00	67.10 2.77 0.00	59.32 2.61 0.00	55.07 2.37 0.00	50.17 2.07 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	45.63 2.30 0.00	43.46 2.07 0.00	43.29 2.02 0.00	43.18 2.02 0.00	44.02 1.94 0.00	46.01 2.11 0.00	63.94 3.33 0.00	80.49 3.98 0.00	58.28 2.78 0.00	52.82 2.71 0.00	48.72 2.63 0.00	47.26 2.59 0.00	46.67 2.64 0.00	48.54 2.53 0.00	50.07 2.66 0.00	58.37 2.78 0.00	72.37 3.25 0.00	97.17 4.72 0.00	85.41 3.99 0.00	74.91 3.36 0.00	67.10 2.77 0.00	59.32 2.61 0.00	55.07 2.37 0.00	50.17 2.07 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	45.41 2.08 0.00	43.29 1.90 0.00	43.12 1.86 0.00	43.05 1.89 0.00	43.89 1.81 0.00	45.83 1.93 0.00	63.76 3.15 0.00	80.26 3.75 0.00	58.00 2.50 0.00	52.47 2.36 0.00	48.30 2.21 0.00	46.86 2.19 0.00	46.23 2.20 0.00	48.13 2.12 0.00	49.69 2.28 0.00	58.04 2.45 0.00	72.09 2.97 0.00	96.80 4.35 0.00	85.08 3.66 0.00	74.55 3.00 0.00	66.85 2.51 0.00	59.09 2.38 0.00	54.86 2.16 0.00	49.97 1.88 0.00
POLETTI_____ 23519	45.37 2.04 0.00	43.21 1.82 0.00	42.96 1.69 0.00	42.77 1.61 0.00	43.60 1.52 0.00	45.48 1.58 0.00	63.33 2.73 0.00	79.27 2.75 0.00	57.61 2.11 0.00	52.37 2.26 0.00	48.35 2.26 0.00	47.06 2.37 -0.02	46.65 2.47 -0.15	48.22 2.21 0.00	49.81 2.37 -0.02	57.93 2.33 0.00	71.19 2.07 0.00	95.60 3.14 0.00	84.10 2.69 0.00	73.62 2.07 0.00	66.01 1.67 0.00	58.58 1.87 0.00	54.96 2.27 0.00	49.78 1.68 0.00
POMONA___ESR 323819	45.46 2.12 0.00	43.33 1.95 0.00	43.13 1.86 0.00	43.06 1.89 0.00	43.89 1.81 0.00	45.83 1.93 0.00	63.75 3.15 0.00	80.19 3.67 0.00	58.05 2.55 0.00	52.57 2.45 0.00	48.49 2.40 0.00	46.99 2.32 0.00	46.32 2.29 0.00	48.31 2.30 0.00	49.74 2.32 0.00	58.15 2.56 0.00	72.02 2.90 0.00	96.71 4.26 0.00	85.00 3.58 0.00	74.55 3.00 0.00	66.91 2.58 0.00	58.98 2.27 0.00	54.86 2.16 0.00	49.92 1.83 0.00
PORT_JEFF_3 23555	47.47 4.12 -0.02	45.12 3.73 -0.01	44.65 3.38 0.00	44.46 3.29 0.00	45.62 3.54 0.00	47.68 3.78 0.00	65.27 4.67 0.00	80.42 3.90 0.00	60.44 4.94 0.00	54.52 4.41 0.00	50.42 4.33 0.00	48.70 4.02 0.00	48.27 4.23 -0.01	50.49 4.46 -0.02	58.71 4.46 -6.84	62.52 5.01 -1.93	74.98 5.81 -0.05	100.46 7.95 -0.06	88.38 6.92 -0.05	81.25 5.87 -3.83	69.66 5.28 -0.05	63.90 4.99 -2.20	57.81 4.48 -0.64	52.25 4.14 -0.02
PORT_JEFF_4 23616	47.47 4.12 -0.02	45.12 3.73 -0.01	44.65 3.38 0.00	44.46 3.29 0.00	45.62 3.54 0.00	47.68 3.78 0.00	65.27 4.67 0.00	80.42 3.90 0.00	60.44 4.94 0.00	54.52 4.41 0.00	50.42 4.33 0.00	48.70 4.02 0.00	48.27 4.23 -0.01	50.49 4.46 -0.02	58.71 4.46 -6.84	62.52 5.01 -1.93	74.98 5.81 -0.05	100.46 7.95 -0.06	88.38 6.92 -0.05	81.25 5.87 -3.83	69.66 5.28 -0.05	63.90 4.99 -2.20	57.81 4.48 -0.64	52.25 4.14 -0.02

PORT_JEFF_IC 23713	47.55 4.20 -0.02	45.20 3.81 -0.01	44.73 3.47 0.00	44.54 3.38 0.00	45.70 3.62 0.00	47.77 3.86 0.00	64.79 4.18 0.00	80.49 3.98 0.00	60.16 4.66 0.00	54.57 4.46 0.00	50.47 4.38 0.00	48.74 4.07 0.00	48.40 4.36 -0.01	50.54 4.51 -0.02	58.80 4.55 -6.83	62.54 4.95 -2.00	75.18 6.01 -0.05	100.56 8.04 -0.06	88.47 7.00 -0.05	81.36 5.94 -3.88	69.73 5.34 -0.05	64.19 5.16 -2.32	57.82 4.48 -0.64	52.35 4.23 -0.02
PPL PILGRIM_ST_GT1 24216	47.90 4.55 -0.02	45.53 4.14 -0.01	45.06 3.79 0.00	44.87 3.71 0.00	46.04 3.95 0.00	48.12 4.22 0.00	66.06 5.46 0.00	81.79 5.28 0.00	61.05 5.55 0.00	55.07 4.96 0.00	50.93 4.84 0.00	49.14 4.47 0.00	48.75 4.71 -0.01	51.00 4.97 -0.02	58.88 4.70 -6.76	60.96 4.72 -0.65	75.28 6.15 -0.01	101.35 8.88 -0.02	89.57 8.14 -0.01	78.77 6.30 -0.93	69.81 5.47 -0.01	61.73 4.82 -0.21	57.94 4.64 -0.60	52.73 4.62 -0.02
PPL PILGRIM_ST_GT2 24217	47.90 4.55 -0.02	45.53 4.14 -0.01	45.06 3.79 0.00	44.87 3.71 0.00	46.04 3.95 0.00	48.12 4.22 0.00	66.06 5.46 0.00	81.79 5.28 0.00	61.05 5.55 0.00	55.07 4.96 0.00	50.93 4.84 0.00	49.14 4.47 0.00	48.75 4.71 -0.01	51.00 4.97 -0.02	58.88 4.70 -6.76	60.96 4.72 -0.65	75.28 6.15 -0.01	101.35 8.88 -0.02	89.57 8.14 -0.01	78.77 6.30 -0.93	69.81 5.47 -0.01	61.73 4.82 -0.21	57.94 4.64 -0.60	52.73 4.62 -0.02
PPL_SHRM_GT3 24213	48.03 4.68 -0.02	45.57 4.18 -0.01	45.11 3.84 0.00	44.91 3.75 0.00	46.09 4.00 0.00	48.16 4.26 0.00	66.12 5.51 0.00	81.64 5.13 0.00	61.00 5.50 0.00	54.97 4.86 0.00	50.84 4.75 0.00	49.01 4.33 0.00	48.62 4.58 -0.01	50.95 4.93 -0.02	59.23 4.98 -6.84	63.18 5.67 -1.92	76.36 7.19 -0.05	102.59 10.08 -0.06	90.26 8.80 -0.05	82.90 7.58 -3.78	70.88 6.50 -0.05	64.79 5.90 -2.19	58.50 5.17 -0.64	52.88 4.76 -0.02
PPL_SHRM_GT4 24214	48.03 4.68 -0.02	45.57 4.18 -0.01	45.11 3.84 0.00	44.91 3.75 0.00	46.09 4.00 0.00	48.16 4.26 0.00	66.12 5.51 0.00	81.64 5.13 0.00	61.00 5.50 0.00	54.97 4.86 0.00	50.84 4.75 0.00	49.01 4.33 0.00	48.62 4.58 -0.01	50.95 4.93 -0.02	59.23 4.98 -6.84	63.18 5.67 -1.92	76.36 7.19 -0.05	102.59 10.08 -0.06	90.26 8.80 -0.05	82.90 7.58 -3.78	70.88 6.50 -0.05	64.79 5.90 -2.19	58.50 5.17 -0.64	52.88 4.76 -0.02
PROJECT___ORANGE 1 24174	43.20 -0.13 0.00	41.22 -0.17 0.00	41.10 -0.17 0.00	40.91 -0.25 0.00	41.92 -0.17 0.00	43.73 -0.18 0.00	60.30 -0.30 0.00	76.13 -0.38 0.00	55.28 -0.22 0.00	50.01 -0.10 0.00	46.05 -0.05 0.00	44.58 -0.09 0.00	43.90 -0.13 0.00	45.96 -0.05 0.00	47.28 -0.14 0.00	55.42 -0.17 0.00	68.84 -0.28 0.00	91.90 -0.55 0.00	80.93 -0.49 0.00	71.12 -0.43 0.00	63.95 -0.39 0.00	56.14 -0.57 0.00	52.17 -0.53 0.00	47.71 -0.38 0.00
PROJECT___ORANGE 2 24166	43.20 -0.13 0.00	41.22 -0.17 0.00	41.10 -0.17 0.00	40.91 -0.25 0.00	41.92 -0.17 0.00	43.73 -0.18 0.00	60.30 -0.30 0.00	76.13 -0.38 0.00	55.28 -0.22 0.00	50.01 -0.10 0.00	46.05 -0.05 0.00	44.58 -0.09 0.00	43.90 -0.13 0.00	45.96 -0.05 0.00	47.28 -0.14 0.00	55.42 -0.17 0.00	68.84 -0.28 0.00	91.90 -0.55 0.00	80.93 -0.49 0.00	71.12 -0.43 0.00	63.95 -0.39 0.00	56.14 -0.57 0.00	52.17 -0.53 0.00	47.71 -0.38 0.00
PUCKETT___SOLAR 323809	44.63 1.30 0.00	42.67 1.28 0.00	42.59 1.32 0.00	42.44 1.28 0.00	43.47 1.39 0.00	45.40 1.49 0.00	63.21 2.60 0.00	80.04 3.52 0.00	57.66 2.16 0.00	52.06 1.95 0.00	47.80 1.71 0.00	46.19 1.52 0.00	45.53 1.50 0.00	47.62 1.61 0.00	49.08 1.66 0.00	57.82 2.23 0.00	72.16 3.04 0.00	96.89 4.44 0.00	84.59 3.17 0.00	74.41 2.86 0.00	66.91 2.58 0.00	58.86 2.15 0.00	54.38 1.69 0.00	49.68 1.58 0.00
PYRITES___HYD 24023	43.81 0.48 0.00	42.01 0.62 0.00	41.80 0.54 0.00	41.82 0.66 0.00	42.93 0.84 0.00	45.00 1.10 0.00	62.06 1.45 0.00	79.19 2.68 0.00	57.11 1.61 0.00	51.06 0.95 0.00	46.78 0.69 0.00	45.43 0.76 0.00	44.69 0.66 0.00	46.70 0.69 0.00	48.13 0.71 0.00	56.42 0.83 0.00	70.23 1.11 0.00	94.58 2.13 0.00	83.45 2.04 0.00	73.69 2.15 0.00	66.59 2.25 0.00	58.92 2.21 0.00	54.75 2.06 0.00	49.93 1.83 0.00
QUAKERRD_115KV_BK1 80622	42.42 -0.91 0.00	40.52 -0.87 0.00	40.36 -0.91 0.00	40.17 -0.99 0.00	41.24 -0.84 0.00	42.76 -1.14 0.00	58.48 -2.12 0.00	74.22 -2.30 0.00	53.95 -1.55 0.00	49.11 -1.00 0.00	45.26 -0.83 0.00	43.74 -0.94 0.00	42.93 -1.10 0.00	45.27 -0.74 0.00	46.23 -1.19 0.00	54.09 -1.50 0.00	67.19 -1.94 0.00	89.50 -2.96 0.00	78.81 -2.61 0.00	69.47 -2.07 0.00	62.66 -1.67 0.00	54.89 -1.81 0.00	51.22 -1.48 0.00	46.99 -1.11 0.00
QUENSBRY_115KV_TB8 356137	46.32 2.99 0.00	44.24 2.86 0.00	44.07 2.81 0.00	44.04 2.88 0.00	44.86 2.78 0.00	46.89 2.99 0.00	65.09 4.48 0.00	82.10 5.59 0.00	59.00 3.50 0.00	53.02 2.91 0.00	48.49 2.40 0.00	46.86 2.19 0.00	46.15 2.11 0.00	48.17 2.16 0.00	49.74 2.32 0.00	58.70 3.11 0.00	73.61 4.49 0.00	98.65 6.19 0.00	86.71 5.29 0.00	75.98 4.44 0.00	68.52 4.18 0.00	60.22 3.52 0.00	55.91 3.21 0.00	51.03 2.93 0.00
RAMAPO___LBMP 323565	45.33 1.99 0.00	43.21 1.82 0.00	43.04 1.77 0.00	42.93 1.77 0.00	43.77 1.68 0.00	45.70 1.80 0.00	63.45 2.85 0.00	79.88 3.37 0.00	57.72 2.22 0.00	52.37 2.26 0.00	48.30 2.21 0.00	46.86 2.19 0.00	46.28 2.25 0.00	48.13 2.12 0.00	49.65 2.23 0.00	57.81 2.22 0.00	71.75 2.63 0.00	96.34 3.88 0.00	84.67 3.26 0.00	74.26 2.72 0.00	66.59 2.25 0.00	58.86 2.15 0.00	54.60 1.90 0.00	49.78 1.68 0.00
RANKINE____ 23646	43.46 0.13 0.00	41.72 0.33 0.00	41.64 0.37 0.00	41.37 0.21 0.00	42.51 0.42 0.00	43.64 -0.26 0.00	58.97 -1.64 0.00	74.76 -1.76 0.00	54.39 -1.11 0.00	50.06 -0.05 0.00	46.51 0.41 0.00	44.54 -0.13 0.00	43.50 -0.53 0.00	46.56 0.55 0.00	46.90 -0.52 0.00	54.65 -0.95 0.00	68.08 -1.04 0.00	90.14 -2.31 0.00	79.79 -1.63 0.00	70.61 -0.93 0.00	64.02 -0.32 0.00	55.97 -0.74 0.00	52.54 -0.16 0.00	48.53 0.43 0.00
RAVENSWOOD_GT2_1 24244	45.80 2.47 0.00	43.58 2.19 0.00	43.37 2.10 0.00	43.26 2.10 0.00	44.10 2.02 0.00	46.14 2.24 0.00	64.18 3.58 0.00	80.72 4.21 0.00	58.55 3.05 0.00	53.17 3.06 0.00	49.04 2.95 0.00	47.59 2.90 -0.02	47.14 2.95 -0.16	48.86 2.85 0.00	50.47 3.03 -0.02	58.70 3.11 0.00	72.58 3.46 0.00	97.35 4.90 0.00	85.65 4.23 0.00	75.05 3.51 0.00	67.23 2.90 0.00	59.49 2.78 0.00	55.28 2.58 0.00	50.36 2.26 0.00
RAVENSWOOD_GT2_2 24245	45.80 2.47 0.00	43.58 2.19 0.00	43.37 2.10 0.00	43.26 2.10 0.00	44.10 2.02 0.00	46.14 2.24 0.00	64.18 3.58 0.00	80.72 4.21 0.00	58.55 3.05 0.00	53.17 3.06 0.00	49.04 2.95 0.00	47.59 2.90 -0.02	47.14 2.95 -0.16	48.86 2.85 0.00	50.47 3.03 -0.02	58.70 3.11 0.00	72.58 3.46 0.00	97.35 4.90 0.00	85.65 4.23 0.00	75.05 3.51 0.00	67.23 2.90 0.00	59.49 2.78 0.00	55.28 2.58 0.00	50.36 2.26 0.00

RAVENSWOOD_GT2_3 24246	45.80 2.47 0.00	43.62 2.23 0.00	43.41 2.15 0.00	43.26 2.10 0.00	44.10 2.02 0.00	46.14 2.24 0.00	64.24 3.64 0.00	80.72 4.21 0.00	58.55 3.05 0.00	53.17 3.06 0.00	49.04 2.95 0.00	47.59 2.90 -0.02	47.14 2.95 -0.16	48.91 2.90 0.00	50.47 3.03 -0.02	58.70 3.11 0.00	72.65 3.53 0.00	97.45 4.99 0.00	85.65 4.23 0.00	75.05 3.51 0.00	67.23 2.90 0.00	59.54 2.84 0.00	55.33 2.63 0.00	50.36 2.26 0.00
RAVENSWOOD_GT2_4 24247	45.80 2.47 0.00	43.62 2.23 0.00	43.41 2.15 0.00	43.26 2.10 0.00	44.10 2.02 0.00	46.14 2.24 0.00	64.24 3.64 0.00	80.72 4.21 0.00	58.55 3.05 0.00	53.17 3.06 0.00	49.04 2.95 0.00	47.59 2.90 -0.02	47.14 2.95 -0.16	48.91 2.90 0.00	50.47 3.03 -0.02	58.70 3.11 0.00	72.65 3.53 0.00	97.45 4.99 0.00	85.65 4.23 0.00	75.05 3.51 0.00	67.23 2.90 0.00	59.54 2.84 0.00	55.33 2.63 0.00	50.36 2.26 0.00
RAVENSWOOD_GT3_1 24248	45.80 2.47 0.00	43.58 2.19 0.00	43.37 2.10 0.00	43.26 2.10 0.00	44.10 2.02 0.00	46.14 2.24 0.00	64.18 3.58 0.00	80.72 4.21 0.00	58.55 3.05 0.00	53.17 3.06 0.00	49.04 2.95 0.00	47.59 2.90 -0.02	47.14 2.95 -0.16	48.86 2.85 0.00	50.47 3.03 -0.02	58.70 3.11 0.00	72.58 3.46 0.00	97.45 4.99 0.00	85.65 4.23 0.00	75.05 3.51 0.00	67.23 2.90 0.00	59.49 2.78 0.00	55.28 2.58 0.00	50.36 2.26 0.00
RAVENSWOOD_GT3_2 24249	45.80 2.47 0.00	43.58 2.19 0.00	43.37 2.10 0.00	43.26 2.10 0.00	44.10 2.02 0.00	46.14 2.24 0.00	64.18 3.58 0.00	80.72 4.21 0.00	58.55 3.05 0.00	53.17 3.06 0.00	49.04 2.95 0.00	47.59 2.90 -0.02	47.14 2.95 -0.16	48.86 2.85 0.00	50.47 3.03 -0.02	58.70 3.11 0.00	72.58 3.46 0.00	97.45 4.99 0.00	85.65 4.23 0.00	75.05 3.51 0.00	67.23 2.90 0.00	59.49 2.78 0.00	55.28 2.58 0.00	50.36 2.26 0.00
RAVENSWOOD_GT3_3 24250	45.85 2.51 0.00	43.66 2.28 0.00	43.41 2.15 0.00	43.30 2.14 0.00	44.15 2.06 0.00	46.18 2.28 0.00	64.30 3.70 0.00	80.88 4.36 0.00	58.66 3.16 0.00	53.22 3.11 0.00	49.13 3.04 0.00	47.64 2.95 -0.02	47.23 3.04 -0.16	48.96 2.94 0.00	50.52 3.08 -0.02	58.76 3.17 0.00	72.71 3.59 0.00	97.54 5.08 0.00	85.73 4.32 0.00	75.19 3.65 0.00	67.30 2.96 0.00	59.60 2.89 0.00	55.39 2.69 0.00	50.41 2.31 0.00
RAVENSWOOD_GT3_4 24251	45.85 2.51 0.00	43.66 2.28 0.00	43.41 2.15 0.00	43.30 2.14 0.00	44.15 2.06 0.00	46.18 2.28 0.00	64.30 3.70 0.00	80.88 4.36 0.00	58.66 3.16 0.00	53.22 3.11 0.00	49.13 3.04 0.00	47.64 2.95 -0.02	47.23 3.04 -0.16	48.96 2.94 0.00	50.52 3.08 -0.02	58.76 3.17 0.00	72.71 3.59 0.00	97.54 5.08 0.00	85.73 4.32 0.00	75.19 3.65 0.00	67.30 2.96 0.00	59.60 2.89 0.00	55.39 2.69 0.00	50.41 2.31 0.00
RAVENSWOOD_GT_1 23729	45.89 2.56 0.00	43.70 2.32 0.00	43.45 2.19 0.00	43.34 2.18 0.00	44.19 2.10 0.00	46.18 2.28 0.00	64.18 3.58 0.00	80.49 3.98 0.00	58.50 3.00 0.00	53.22 3.11 0.00	49.13 3.04 0.00	47.68 2.99 -0.02	47.23 3.04 -0.16	48.96 2.94 0.00	50.52 3.08 -0.02	58.70 3.11 0.00	72.37 3.25 0.00	97.08 4.62 0.00	85.33 3.91 0.00	74.76 3.22 0.00	67.10 2.77 0.00	59.43 2.72 0.00	55.44 2.74 0.00	50.41 2.31 0.00
RAVENSWOOD_GT_10 24258	45.80 2.47 0.00	43.58 2.19 0.00	43.37 2.10 0.00	43.26 2.10 0.00	44.10 2.02 0.00	46.14 2.24 0.00	64.18 3.58 0.00	80.72 4.21 0.00	58.55 3.05 0.00	53.17 3.06 0.00	49.04 2.95 0.00	47.59 2.90 -0.02	47.14 2.95 -0.16	48.86 2.85 0.00	50.47 3.03 -0.02	58.70 3.11 0.00	72.58 3.46 0.00	97.45 4.99 0.00	85.65 4.23 0.00	75.05 3.51 0.00	67.23 2.90 0.00	59.49 2.78 0.00	55.28 2.58 0.00	50.36 2.26 0.00
RAVENSWOOD_GT_11 24259	45.80 2.47 0.00	43.58 2.19 0.00	43.37 2.10 0.00	43.26 2.10 0.00	44.10 2.02 0.00	46.14 2.24 0.00	64.18 3.58 0.00	80.72 4.21 0.00	58.55 3.05 0.00	53.17 3.06 0.00	49.04 2.95 0.00	47.59 2.90 -0.02	47.14 2.95 -0.16	48.86 2.85 0.00	50.47 3.03 -0.02	58.70 3.11 0.00	72.58 3.46 0.00	97.45 4.99 0.00	85.65 4.23 0.00	75.05 3.51 0.00	67.23 2.90 0.00	59.49 2.78 0.00	55.28 2.58 0.00	50.36 2.26 0.00
RAVENSWOOD_GT_4 24252	45.80 2.47 0.00	43.62 2.23 0.00	43.37 2.10 0.00	43.26 2.10 0.00	44.10 2.02 0.00	46.10 2.20 0.00	64.18 3.58 0.00	80.65 4.13 0.00	58.50 3.00 0.00	53.17 3.06 0.00	49.04 2.95 0.00	47.59 2.90 -0.02	47.14 2.95 -0.16	48.86 2.85 0.00	50.47 3.03 -0.02	58.65 3.06 0.00	72.51 3.39 0.00	97.26 4.81 0.00	85.49 4.07 0.00	74.91 3.36 0.00	67.17 2.83 0.00	59.43 2.72 0.00	55.33 2.63 0.00	50.36 2.26 0.00
RAVENSWOOD_GT_5 24254	45.80 2.47 0.00	43.62 2.23 0.00	43.37 2.10 0.00	43.26 2.10 0.00	44.10 2.02 0.00	46.10 2.20 0.00	64.18 3.58 0.00	80.65 4.13 0.00	58.50 3.00 0.00	53.17 3.06 0.00	49.04 2.95 0.00	47.59 2.90 -0.02	47.14 2.95 -0.16	48.86 2.85 0.00	50.47 3.03 -0.02	58.65 3.06 0.00	72.51 3.39 0.00	97.26 4.81 0.00	85.49 4.07 0.00	74.91 3.36 0.00	67.17 2.83 0.00	59.43 2.72 0.00	55.33 2.63 0.00	50.36 2.26 0.00
RAVENSWOOD_GT_6 24253	45.80 2.47 0.00	43.62 2.23 0.00	43.37 2.10 0.00	43.26 2.10 0.00	44.10 2.02 0.00	46.10 2.20 0.00	64.18 3.58 0.00	80.65 4.13 0.00	58.50 3.00 0.00	53.17 3.06 0.00	49.04 2.95 0.00	47.59 2.90 -0.02	47.14 2.95 -0.16	48.86 2.85 0.00	50.47 3.03 -0.02	58.65 3.06 0.00	72.51 3.39 0.00	97.26 4.81 0.00	85.49 4.07 0.00	74.91 3.36 0.00	67.17 2.83 0.00	59.43 2.72 0.00	55.33 2.63 0.00	50.36 2.26 0.00
RAVENSWOOD_GT_7 24255	45.80 2.47 0.00	43.62 2.23 0.00	43.37 2.10 0.00	43.26 2.10 0.00	44.10 2.02 0.00	46.10 2.20 0.00	64.18 3.58 0.00	80.65 4.13 0.00	58.50 3.00 0.00	53.17 3.06 0.00	49.04 2.95 0.00	47.59 2.90 -0.02	47.14 2.95 -0.16	48.86 2.85 0.00	50.47 3.03 -0.02	58.65 3.06 0.00	72.51 3.39 0.00	97.26 4.81 0.00	85.49 4.07 0.00	74.91 3.36 0.00	67.17 2.83 0.00	59.43 2.72 0.00	55.33 2.63 0.00	50.36 2.26 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	45.80 2.47 0.00	43.58 2.19 0.00	43.37 2.10 0.00	43.26 2.10 0.00	44.10 2.02 0.00	46.14 2.24 0.00	64.18 3.58 0.00	80.72 4.21 0.00	58.55 3.05 0.00	53.17 3.06 0.00	49.04 2.95 0.00	47.59 2.90 -0.02	47.14 2.95 -0.16	48.86 2.85 0.00	50.47 3.03 -0.02	58.70 3.11 0.00	72.58 3.46 0.00	97.45 4.99 0.00	85.65 4.23 0.00	75.05 3.51 0.00	67.23 2.90 0.00	59.49 2.78 0.00	55.28 2.58 0.00	50.36 2.26 0.00
RAVENSWOOD_GT_9 24257	45.80 2.47 0.00	43.58 2.19 0.00	43.37 2.10 0.00	43.26 2.10 0.00	44.10 2.02 0.00	46.14 2.24 0.00	64.18 3.58 0.00	80.72 4.21 0.00	58.55 3.05 0.00	53.17 3.06 0.00	49.04 2.95 0.00	47.59 2.90 -0.02	47.14 2.95 -0.16	48.86 2.85 0.00	50.47 3.03 -0.02	58.70 3.11 0.00	72.58 3.46 0.00	97.45 4.99 0.00	85.65 4.23 0.00	75.05 3.51 0.00	67.23 2.90 0.00	59.49 2.78 0.00	55.28 2.58 0.00	50.36 2.26 0.00

RAVENSWOOD___1 23533	45.89 2.56 0.00	43.70 2.32 0.00	43.45 2.19 0.00	43.30 2.14 0.00	44.15 2.06 0.00	46.14 2.24 0.00	64.30 3.70 0.00	80.57 4.05 0.00	58.66 3.16 0.00	53.28 3.16 -0.01	49.19 3.09 -0.01	47.68 2.99 -0.02	47.14 2.95 -0.16	49.00 2.99 0.00	50.47 3.04 -0.02	58.87 3.28 0.00	72.37 3.25 0.00	97.17 4.71 0.00	85.41 3.99 0.00	74.84 3.29 0.00	67.30 2.96 0.00	59.37 2.67 0.00	55.49 2.79 0.00	50.41 2.31 0.00
RAVENSWOOD___2 23534	45.85 2.51 0.00	43.66 2.27 0.00	43.41 2.14 0.00	43.30 2.14 0.00	44.15 2.06 0.00	46.14 2.24 0.00	64.24 3.64 0.00	80.57 4.05 0.00	58.61 3.11 0.00	53.28 3.16 -0.01	49.14 3.04 -0.01	47.64 2.95 -0.02	47.10 2.91 -0.16	49.00 2.99 0.00	50.47 3.04 -0.02	58.87 3.28 0.00	72.37 3.25 0.00	97.17 4.71 0.00	85.41 3.99 0.00	74.84 3.29 0.00	67.23 2.90 0.00	59.37 2.67 0.00	55.49 2.79 0.00	50.36 2.26 0.00
RAVENSWOOD___3 23535	45.80 2.47 0.00	43.58 2.19 0.00	43.37 2.10 0.00	43.26 2.10 0.00	44.10 2.02 0.00	46.14 2.24 0.00	64.36 3.76 0.00	80.87 4.36 0.00	58.72 3.22 0.00	53.23 3.11 -0.01	49.14 3.04 -0.01	47.59 2.90 -0.02	47.05 2.86 -0.16	48.96 2.95 0.00	50.47 3.04 -0.02	58.87 3.28 0.00	72.64 3.52 0.00	97.54 5.08 0.00	85.73 4.31 0.00	75.12 3.58 0.00	67.42 3.09 0.00	59.48 2.78 0.00	55.38 2.69 0.00	50.36 2.26 0.00
RAVENSWOOD___4 23820	45.84 2.51 0.00	43.66 2.27 0.00	43.41 2.14 0.00	43.30 2.14 0.00	44.10 2.02 0.00	46.10 2.19 0.00	64.24 3.64 0.00	80.57 4.05 0.00	58.61 3.11 0.00	53.23 3.11 -0.01	49.14 3.04 -0.01	47.64 2.95 -0.02	47.10 2.91 -0.16	48.96 2.95 0.00	50.47 3.04 -0.02	58.87 3.28 0.00	72.37 3.25 0.00	97.07 4.62 0.00	85.41 3.99 0.00	74.84 3.29 0.00	67.23 2.90 0.00	59.37 2.67 0.00	55.49 2.79 0.00	50.36 2.26 0.00
RCPL_TRUST___DRP 24196	45.80 2.47 0.00	43.62 2.23 0.00	43.41 2.15 0.00	43.30 2.14 0.00	44.15 2.06 0.00	46.18 2.28 0.00	64.30 3.70 0.00	80.88 4.36 0.00	58.61 3.11 0.00	53.17 3.06 0.00	49.09 3.00 0.00	47.62 2.95 0.00	47.03 2.99 -0.01	48.91 2.90 0.00	50.50 3.08 0.00	58.76 3.17 0.00	72.71 3.59 0.00	97.54 5.08 0.00	85.73 4.32 0.00	75.12 3.58 0.00	67.30 2.96 0.00	59.54 2.84 0.00	55.28 2.58 0.00	50.36 2.26 0.00
RED___ROCHESTER 323720	43.81 0.48 0.00	41.84 0.46 0.00	41.68 0.41 0.00	41.49 0.33 0.00	42.63 0.55 0.00	44.12 0.22 0.00	60.18 -0.42 0.00	76.82 0.31 0.00	55.78 0.28 0.00	50.76 0.65 0.00	46.83 0.74 0.00	45.39 0.71 0.00	44.96 0.93 0.00	46.93 0.92 0.00	48.03 0.61 0.00	56.03 0.44 0.00	69.26 0.14 0.00	93.01 0.56 0.00	81.66 0.24 0.00	72.11 0.57 0.00	64.85 0.51 0.00	57.50 0.79 0.00	52.96 0.26 0.00	48.63 0.53 0.00
REGAN___SOLAR 323812	45.54 2.21 0.00	43.50 2.11 0.00	43.37 2.10 0.00	43.34 2.18 0.00	44.23 2.15 0.00	46.32 2.41 0.00	64.97 4.37 0.00	81.79 5.28 0.00	57.44 1.94 0.00	51.02 0.90 0.00	46.37 0.28 0.00	44.81 0.13 0.00	44.21 0.18 0.00	46.47 0.46 0.00	48.46 1.04 0.00	58.09 2.50 0.00	73.55 4.43 0.00	99.02 6.56 0.00	86.14 4.72 0.00	75.55 4.00 0.00	67.87 3.54 0.00	59.71 3.00 0.00	55.33 2.63 0.00	50.36 2.26 0.00
RENSSELAER___COGEN 23796	43.86 0.52 0.00	41.92 0.54 0.00	41.80 0.54 0.00	41.69 0.53 0.00	42.51 0.42 0.00	44.25 0.35 0.00	60.97 0.37 0.00	76.67 0.15 0.00	55.72 0.22 0.00	50.21 0.10 0.00	46.37 0.28 0.00	44.90 0.22 0.00	44.25 0.22 0.00	46.29 0.28 0.00	47.70 0.29 0.00	55.93 0.34 0.00	69.67 0.55 0.00	92.64 0.19 0.00	81.58 0.16 0.00	71.54 0.00 0.00	64.53 0.19 0.00	56.88 0.17 0.00	53.28 0.58 0.00	48.58 0.48 0.00
REPUBLIC_115KV_BARTNBK 55605	48.19 4.85 0.00	46.02 4.64 0.00	45.85 4.58 0.00	45.89 4.73 0.00	46.67 4.59 0.00	48.86 4.96 0.00	68.12 7.52 0.00	86.08 9.56 0.00	61.27 5.77 0.00	54.97 4.86 0.00	50.10 4.01 0.00	48.38 3.71 0.00	47.47 3.43 0.00	49.60 3.59 0.00	51.21 3.79 0.00	60.76 5.17 0.00	76.65 7.53 0.00	102.99 10.54 0.00	90.54 9.12 0.00	79.34 7.80 0.00	71.54 7.21 0.00	62.66 5.95 0.00	58.28 5.59 0.00	53.15 5.05 0.00
REVERE_CPPR_DRP 24186	44.72 1.39 0.00	42.79 1.41 0.00	42.71 1.44 0.00	42.52 1.36 0.00	43.68 1.60 0.00	45.70 1.80 0.00	63.27 2.67 0.00	80.42 3.90 0.00	58.00 2.50 0.00	52.27 2.15 0.00	47.98 1.89 0.00	46.42 1.74 0.00	45.62 1.59 0.00	47.76 1.75 0.00	49.32 1.90 0.00	57.98 2.39 0.00	72.30 3.18 0.00	97.26 4.81 0.00	85.49 4.07 0.00	75.05 3.51 0.00	67.55 3.22 0.00	59.20 2.50 0.00	54.75 2.06 0.00	50.07 1.97 0.00
REYNLDPA_13_KV_LD 356490	43.12 -0.22 0.00	41.22 -0.16 0.00	41.06 -0.21 0.00	41.08 -0.08 0.00	42.04 -0.04 0.00	43.95 0.04 0.00	60.54 -0.06 0.00	76.75 0.23 0.00	55.61 0.11 0.00	50.21 0.10 0.00	46.05 -0.05 0.00	44.76 0.09 0.00	44.08 0.04 0.00	46.06 0.05 0.00	47.51 0.10 0.00	55.70 0.11 0.00	69.33 0.21 0.00	92.83 0.37 0.00	81.66 0.24 0.00	71.83 0.29 0.00	64.79 0.45 0.00	57.16 0.45 0.00	53.33 0.63 0.00	48.72 0.62 0.00
REYNOLDS_115KV_TB3 80639	44.20 0.87 0.00	42.26 0.87 0.00	42.13 0.87 0.00	42.03 0.86 0.00	42.84 0.76 0.00	44.60 0.70 0.00	61.33 0.73 0.00	77.13 0.61 0.00	56.06 0.56 0.00	50.51 0.40 0.00	46.46 0.37 0.00	45.03 0.36 0.00	44.47 0.44 0.00	46.43 0.41 0.00	47.94 0.52 0.00	56.20 0.61 0.00	69.88 0.76 0.00	93.29 0.83 0.00	82.07 0.65 0.00	72.05 0.50 0.00	64.79 0.45 0.00	57.27 0.57 0.00	53.28 0.58 0.00	48.63 0.53 0.00
RIVERBAY____ 323610	46.41 3.08 0.00	44.20 2.81 0.00	43.95 2.68 0.00	43.75 2.59 0.00	44.61 2.53 0.00	46.49 2.59 0.00	64.79 4.18 0.00	81.11 4.59 0.00	58.83 3.33 0.00	53.47 3.36 0.00	49.32 3.23 0.00	47.86 3.17 -0.02	47.30 3.26 -0.01	49.14 3.13 0.00	50.71 3.27 -0.02	59.09 3.50 0.00	72.65 3.53 0.00	97.63 5.18 0.00	85.90 4.48 0.00	75.19 3.65 0.00	67.36 3.02 0.00	59.77 3.06 0.00	56.07 3.37 0.00	50.84 2.74 0.00
RIVERSDE_115KV_TB3 55908	44.03 0.69 0.00	42.09 0.70 0.00	41.93 0.66 0.00	41.82 0.66 0.00	42.63 0.55 0.00	44.43 0.53 0.00	61.09 0.48 0.00	76.90 0.38 0.00	55.83 0.33 0.00	50.36 0.25 0.00	46.51 0.41 0.00	45.08 0.40 0.00	44.47 0.44 0.00	46.43 0.41 0.00	47.89 0.47 0.00	56.15 0.56 0.00	69.67 0.55 0.00	93.01 0.55 0.00	81.82 0.41 0.00	71.76 0.21 0.00	64.66 0.32 0.00	57.16 0.45 0.00	53.38 0.69 0.00	48.67 0.58 0.00
ROARING___BROOK_WT_PWR 323790	42.55 -0.78 0.00	40.72 -0.66 0.00	40.65 -0.62 0.00	40.58 -0.58 0.00	41.54 -0.55 0.00	43.46 -0.44 0.00	60.06 -0.55 0.00	75.98 -0.53 0.00	55.11 -0.39 0.00	49.76 -0.35 0.00	45.72 -0.37 0.00	44.27 -0.40 0.00	43.55 -0.48 0.00	45.51 -0.51 0.00	46.94 -0.47 0.00	55.14 -0.45 0.00	68.78 -0.34 0.00	91.99 -0.46 0.00	81.09 -0.32 0.00	71.33 -0.21 0.00	64.21 -0.13 0.00	56.59 -0.11 0.00	52.65 -0.05 0.00	48.10 0.00 0.00

ROCHESRG_115KV_T4 355643	43.33 0.00 0.00	41.43 0.04 0.00	41.27 0.00 0.00	41.08 -0.08 0.00	42.17 0.08 0.00	43.59 -0.31 0.00	59.39 -1.21 0.00	75.37 -1.15 0.00	54.83 -0.67 0.00	50.06 -0.05 0.00	46.23 0.14 0.00	44.58 -0.09 0.00	43.72 -0.31 0.00	46.24 0.23 0.00	47.04 -0.38 0.00	55.03 -0.56 0.00	68.29 -0.83 0.00	90.97 -1.48 0.00	80.11 -1.30 0.00	70.69 -0.86 0.00	63.89 -0.45 0.00	55.91 -0.79 0.00	52.28 -0.42 0.00	48.05 -0.05 0.00
ROCHESTER_9_IC 23652	43.64 0.30 0.00	41.68 0.29 0.00	41.52 0.25 0.00	41.33 0.16 0.00	42.46 0.38 0.00	43.95 0.04 0.00	59.88 -0.73 0.00	76.13 -0.38 0.00	55.33 -0.17 0.00	50.46 0.35 0.00	46.60 0.51 0.00	44.99 0.31 0.00	44.08 0.04 0.00	46.66 0.64 0.00	47.51 0.09 0.00	55.53 -0.06 0.00	68.91 -0.21 0.00	91.81 -0.65 0.00	80.85 -0.57 0.00	71.40 -0.14 0.00	64.47 0.13 0.00	56.42 -0.28 0.00	52.70 0.00 0.00	48.39 0.29 0.00
ROCKVIEW_13_KV_LD 356306	45.85 2.51 0.00	43.66 2.28 0.00	43.50 2.23 0.00	43.38 2.22 0.00	44.23 2.15 0.00	46.23 2.33 0.00	64.30 3.70 0.00	80.95 4.44 0.00	58.61 3.11 0.00	53.17 3.06 0.00	49.09 3.00 0.00	47.58 2.90 0.00	46.98 2.95 0.00	48.86 2.85 0.00	50.45 3.03 0.00	58.76 3.17 0.00	72.85 3.73 0.00	97.82 5.36 0.00	85.98 4.56 0.00	75.34 3.79 0.00	67.49 3.15 0.00	59.66 2.95 0.00	55.33 2.63 0.00	50.45 2.36 0.00
ROME____115KV_TB2 80656	44.72 1.39 0.00	42.79 1.41 0.00	42.71 1.44 0.00	42.52 1.36 0.00	43.68 1.60 0.00	45.70 1.80 0.00	63.27 2.67 0.00	80.42 3.90 0.00	58.00 2.50 0.00	52.27 2.15 0.00	47.98 1.89 0.00	46.42 1.74 0.00	45.62 1.59 0.00	47.76 1.75 0.00	49.32 1.90 0.00	57.98 2.39 0.00	72.30 3.18 0.00	97.26 4.81 0.00	85.49 4.07 0.00	75.05 3.51 0.00	67.55 3.22 0.00	59.20 2.50 0.00	54.75 2.06 0.00	50.07 1.97 0.00
ROSETON____1 23587	45.15 1.82 0.00	43.08 1.70 0.00	42.92 1.65 0.00	42.81 1.65 0.00	43.64 1.56 0.00	45.57 1.67 0.00	63.39 2.79 0.00	79.73 3.21 0.00	57.78 2.28 0.00	52.27 2.15 0.00	48.21 2.12 0.00	46.69 2.01 0.00	46.01 1.98 0.00	48.03 2.02 0.00	49.50 2.08 0.00	57.87 2.28 0.00	71.75 2.63 0.00	96.16 3.70 0.00	84.59 3.17 0.00	74.19 2.65 0.00	66.59 2.25 0.00	58.69 1.98 0.00	54.59 1.89 0.00	49.68 1.58 0.00
ROSETON____2 23588	45.15 1.82 0.00	43.08 1.70 0.00	42.92 1.65 0.00	42.81 1.65 0.00	43.64 1.56 0.00	45.57 1.67 0.00	63.39 2.79 0.00	79.73 3.21 0.00	57.78 2.28 0.00	52.27 2.15 0.00	48.21 2.12 0.00	46.69 2.01 0.00	46.01 1.98 0.00	48.03 2.02 0.00	49.50 2.08 0.00	57.87 2.28 0.00	71.75 2.63 0.00	96.16 3.70 0.00	84.59 3.17 0.00	74.19 2.65 0.00	66.59 2.25 0.00	58.69 1.98 0.00	54.59 1.89 0.00	49.68 1.58 0.00
ROTRRDAM_115KV_TB3 80664	44.63 1.30 0.00	42.63 1.24 0.00	42.51 1.24 0.00	42.44 1.28 0.00	43.26 1.18 0.00	45.13 1.23 0.00	62.48 1.88 0.00	78.66 2.14 0.00	56.83 1.33 0.00	51.21 1.10 0.00	46.97 0.88 0.00	45.52 0.85 0.00	44.87 0.84 0.00	46.89 0.87 0.00	48.41 1.00 0.00	56.87 1.28 0.00	70.99 1.87 0.00	94.95 2.50 0.00	83.53 2.12 0.00	73.33 1.79 0.00	65.88 1.54 0.00	58.07 1.36 0.00	53.91 1.21 0.00	49.16 1.06 0.00
RUSSELL____1 23602	43.81 0.48 0.00	41.84 0.46 0.00	41.68 0.41 0.00	41.49 0.33 0.00	42.63 0.55 0.00	44.12 0.22 0.00	60.18 -0.42 0.00	76.59 0.08 0.00	55.61 0.11 0.00	50.71 0.60 0.00	46.83 0.74 0.00	45.21 0.54 0.00	44.34 0.31 0.00	46.89 0.87 0.00	47.75 0.33 0.00	55.81 0.22 0.00	69.33 0.21 0.00	92.45 0.00 0.00	81.34 -0.08 0.00	71.76 0.21 0.00	64.85 0.51 0.00	56.71 0.00 0.00	52.96 0.26 0.00	48.63 0.53 0.00
RUSSELL____2 23532	43.81 0.48 0.00	41.84 0.46 0.00	41.68 0.41 0.00	41.49 0.33 0.00	42.63 0.55 0.00	44.12 0.22 0.00	60.18 -0.42 0.00	76.59 0.08 0.00	55.61 0.11 0.00	50.71 0.60 0.00	46.83 0.74 0.00	45.21 0.54 0.00	44.34 0.31 0.00	46.89 0.87 0.00	47.75 0.33 0.00	55.81 0.22 0.00	69.33 0.21 0.00	92.45 0.00 0.00	81.34 -0.08 0.00	71.76 0.21 0.00	64.85 0.51 0.00	56.71 0.00 0.00	52.96 0.26 0.00	48.63 0.53 0.00
RUSSELL____3 23549	43.81 0.48 0.00	41.84 0.46 0.00	41.68 0.41 0.00	41.49 0.33 0.00	42.63 0.55 0.00	44.12 0.22 0.00	60.18 -0.42 0.00	76.59 0.08 0.00	55.61 0.11 0.00	50.71 0.60 0.00	46.83 0.74 0.00	45.21 0.54 0.00	44.34 0.31 0.00	46.89 0.87 0.00	47.75 0.33 0.00	55.81 0.22 0.00	69.33 0.21 0.00	92.45 0.00 0.00	81.34 -0.08 0.00	71.76 0.21 0.00	64.85 0.51 0.00	56.71 0.00 0.00	52.96 0.26 0.00	48.63 0.53 0.00
RUSSELL____4 23556	43.81 0.48 0.00	41.84 0.46 0.00	41.68 0.41 0.00	41.49 0.33 0.00	42.63 0.55 0.00	44.12 0.22 0.00	60.18 -0.42 0.00	76.59 0.08 0.00	55.61 0.11 0.00	50.71 0.60 0.00	46.83 0.74 0.00	45.21 0.54 0.00	44.34 0.31 0.00	46.89 0.87 0.00	47.75 0.33 0.00	55.81 0.22 0.00	69.33 0.21 0.00	92.45 0.00 0.00	81.34 -0.08 0.00	71.76 0.21 0.00	64.85 0.51 0.00	56.71 0.00 0.00	52.96 0.26 0.00	48.63 0.53 0.00
RUSSELL____STATION 23914	43.81 0.48 0.00	41.84 0.46 0.00	41.68 0.41 0.00	41.49 0.33 0.00	42.63 0.55 0.00	44.12 0.22 0.00	60.18 -0.42 0.00	76.59 0.08 0.00	55.61 0.11 0.00	50.71 0.60 0.00	46.83 0.74 0.00	45.21 0.54 0.00	44.34 0.31 0.00	46.89 0.87 0.00	47.75 0.33 0.00	55.81 0.22 0.00	69.33 0.21 0.00	92.45 0.00 0.00	81.34 -0.08 0.00	71.76 0.21 0.00	64.85 0.51 0.00	56.71 0.00 0.00	52.96 0.26 0.00	48.63 0.53 0.00
S SALMON____HYD 24043	42.94 -0.39 0.00	41.01 -0.37 0.00	40.90 -0.37 0.00	40.71 -0.45 0.00	41.79 -0.29 0.00	43.60 -0.31 0.00	60.18 -0.42 0.00	76.51 0.00 0.00	55.33 -0.17 0.00	49.91 -0.20 0.00	45.82 -0.27 0.00	44.41 -0.27 0.00	43.77 -0.26 0.00	45.74 -0.27 0.00	47.14 -0.28 0.00	55.20 -0.39 0.00	68.50 -0.62 0.00	92.18 -0.28 0.00	81.25 -0.16 0.00	71.47 -0.07 0.00	64.27 -0.06 0.00	56.54 -0.17 0.00	52.38 -0.31 0.00	47.81 -0.29 0.00
S.PERRY__115KV_TB1 80734	44.85 1.52 0.00	42.96 1.57 0.00	42.79 1.53 0.00	42.64 1.48 0.00	43.89 1.81 0.00	45.61 1.71 0.00	62.54 1.94 0.00	79.58 3.06 0.00	57.17 1.67 0.00	51.72 1.60 0.00	47.66 1.57 0.00	45.88 1.21 0.00	44.87 0.84 0.00	47.67 1.66 0.00	48.46 1.04 0.00	54.92 -0.67 0.00	68.77 -0.35 0.00	92.18 -0.28 0.00	81.42 0.00 0.00	72.05 0.50 0.00	65.30 0.97 0.00	56.82 0.11 0.00	54.96 2.27 0.00	50.50 2.40 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	43.25 -0.09 0.00	41.47 0.08 0.00	41.31 0.04 0.00	41.08 -0.08 0.00	42.17 0.08 0.00	43.24 -0.66 0.00	58.30 -2.30 0.00	73.84 -2.68 0.00	53.78 -1.72 0.00	49.61 -0.50 0.00	46.05 -0.05 0.00	44.14 -0.54 0.00	43.11 -0.92 0.00	46.06 0.05 0.00	46.42 -1.00 0.00	54.14 -1.45 0.00	67.32 -1.80 0.00	89.03 -3.42 0.00	78.81 -2.61 0.00	69.76 -1.79 0.00	63.31 -1.03 0.00	55.35 -1.36 0.00	51.96 -0.74 0.00	48.00 -0.10 0.00

SAWYER___23_KV_LOAD 55526	43.25 -0.09 0.00	41.47 0.08 0.00	41.31 0.04 0.00	41.08 -0.08 0.00	42.17 0.08 0.00	43.24 -0.66 0.00	58.30 -2.30 0.00	73.84 -2.68 0.00	53.78 -1.72 0.00	49.61 -0.50 0.00	46.05 -0.05 0.00	44.14 -0.54 0.00	43.11 -0.92 0.00	46.06 0.05 0.00	46.42 -1.00 0.00	54.14 -1.45 0.00	67.32 -1.80 0.00	89.03 -3.42 0.00	78.81 -2.61 0.00	69.76 -1.79 0.00	63.31 -1.03 0.00	55.35 -1.36 0.00	51.96 -0.74 0.00	48.00 -0.10 0.00
SELKIRK___I 23801	44.50 1.17 0.00	42.50 1.12 0.00	42.42 1.15 0.00	42.31 1.15 0.00	43.14 1.05 0.00	44.91 1.01 0.00	62.06 1.45 0.00	78.04 1.53 0.00	56.39 0.89 0.00	50.76 0.65 0.00	46.69 0.60 0.00	45.21 0.54 0.00	44.52 0.49 0.00	46.61 0.60 0.00	48.13 0.71 0.00	56.53 0.94 0.00	70.57 1.45 0.00	94.21 1.75 0.00	82.88 1.47 0.00	72.76 1.22 0.00	65.50 1.16 0.00	57.78 1.07 0.00	53.91 1.21 0.00	49.15 1.06 0.00
SELKIRK___II 23799	44.02 0.69 0.00	42.09 0.70 0.00	41.97 0.70 0.00	41.86 0.70 0.00	42.67 0.59 0.00	44.47 0.57 0.00	61.33 0.73 0.00	77.12 0.61 0.00	56.00 0.50 0.00	50.51 0.40 0.00	46.55 0.46 0.00	45.07 0.40 0.00	44.43 0.40 0.00	46.47 0.46 0.00	47.89 0.47 0.00	56.15 0.56 0.00	69.95 0.83 0.00	93.19 0.74 0.00	82.07 0.65 0.00	71.98 0.43 0.00	64.85 0.51 0.00	57.16 0.45 0.00	53.38 0.68 0.00	48.68 0.58 0.00
SENECA OSWGO___HYD 24041	42.64 -0.70 0.00	40.72 -0.66 0.00	40.57 -0.70 0.00	40.42 -0.74 0.00	41.41 -0.67 0.00	43.20 -0.70 0.00	59.63 -0.97 0.00	75.37 -1.15 0.00	54.72 -0.78 0.00	49.36 -0.75 0.00	45.40 -0.69 0.00	44.00 -0.67 0.00	43.37 -0.66 0.00	45.32 -0.69 0.00	46.66 -0.76 0.00	54.70 -0.89 0.00	67.95 -1.18 0.00	90.97 -1.48 0.00	80.11 -1.31 0.00	70.40 -1.15 0.00	63.30 -1.03 0.00	55.69 -1.02 0.00	51.64 -1.05 0.00	47.09 -1.01 0.00
SENECA___115KV_TB3 355854	43.55 0.22 0.00	41.80 0.41 0.00	41.64 0.37 0.00	41.41 0.25 0.00	42.55 0.46 0.00	43.73 -0.17 0.00	59.09 -1.51 0.00	75.29 -1.23 0.00	54.67 -0.83 0.00	50.26 0.15 0.00	46.60 0.51 0.00	44.85 0.18 0.00	44.52 0.49 0.00	46.65 0.64 0.00	47.37 -0.05 0.00	54.98 -0.61 0.00	68.15 -0.97 0.00	91.16 -1.29 0.00	80.52 -0.89 0.00	71.33 -0.21 0.00	64.14 -0.19 0.00	57.33 0.62 0.00	52.65 -0.05 0.00	48.63 0.53 0.00
SENECA___ENERGY 23797	43.38 0.04 0.00	41.43 0.04 0.00	41.27 0.00 0.00	41.08 -0.08 0.00	42.13 0.04 0.00	43.95 0.04 0.00	60.54 -0.06 0.00	76.75 0.23 0.00	55.72 0.22 0.00	50.36 0.25 0.00	46.32 0.23 0.00	44.85 0.18 0.00	44.30 0.27 0.00	46.29 0.28 0.00	47.51 0.10 0.00	55.70 0.11 0.00	69.12 0.00 0.00	92.73 0.28 0.00	81.58 0.16 0.00	71.76 0.22 0.00	64.47 0.13 0.00	56.82 0.11 0.00	52.54 -0.16 0.00	48.00 -0.10 0.00
SHOEMAKER___GT 23640	45.11 1.78 0.00	43.00 1.61 0.00	42.88 1.61 0.00	42.76 1.60 0.00	43.64 1.56 0.00	45.53 1.63 0.00	63.33 2.73 0.00	79.73 3.21 0.00	57.66 2.16 0.00	52.06 1.95 0.00	47.98 1.89 0.00	46.51 1.83 0.00	45.79 1.76 0.00	47.85 1.84 0.00	49.27 1.85 0.00	57.70 2.11 0.00	71.61 2.48 0.00	96.16 3.70 0.00	84.51 3.09 0.00	74.12 2.57 0.00	66.59 2.25 0.00	58.69 1.98 0.00	54.54 1.84 0.00	49.64 1.54 0.00
SHOEMAKR_138KV_BK 111 55601	45.11 1.78 0.00	43.00 1.61 0.00	42.88 1.61 0.00	42.77 1.61 0.00	43.60 1.52 0.00	45.53 1.62 0.00	63.21 2.61 0.00	79.58 3.06 0.00	57.55 2.05 0.00	52.07 1.95 0.00	47.94 1.84 0.00	46.51 1.83 0.00	45.88 1.85 0.00	47.81 1.79 0.00	49.32 1.90 0.00	57.59 2.00 0.00	71.54 2.42 0.00	95.97 3.51 0.00	84.43 3.01 0.00	74.05 2.50 0.00	66.40 2.06 0.00	58.69 1.98 0.00	54.49 1.79 0.00	49.64 1.54 0.00
SHOREHAM_IC_1 23715	48.03 4.68 -0.02	45.57 4.18 -0.01	45.11 3.84 0.00	44.91 3.75 0.00	46.09 4.00 0.00	48.16 4.26 0.00	66.12 5.51 0.00	81.64 5.13 0.00	61.00 5.50 0.00	54.97 4.86 0.00	50.84 4.75 0.00	49.01 4.33 0.00	48.62 4.58 -0.01	50.95 4.93 -0.02	59.23 4.98 -6.84	63.18 5.67 -1.92	76.36 7.19 -0.05	102.59 10.08 -0.06	90.26 8.80 -0.05	82.90 7.58 -3.78	70.88 6.50 -0.05	64.79 5.90 -2.19	58.50 5.17 -0.64	52.88 4.76 -0.02
SHOREHAM_IC_2 23716	48.03 4.68 -0.02	45.57 4.18 -0.01	45.11 3.84 0.00	44.91 3.75 0.00	46.08 4.00 0.00	48.16 4.26 0.00	65.51 4.91 0.00	81.49 4.97 0.00	60.61 5.11 0.00	54.92 4.81 0.00	50.75 4.66 0.00	49.01 4.33 0.00	48.71 4.67 -0.01	50.86 4.83 -0.02	59.23 4.98 -6.84	63.07 5.56 -1.92	76.29 7.12 -0.05	102.49 9.99 -0.06	90.18 8.71 -0.05	82.76 7.44 -3.78	70.75 6.37 -0.05	64.79 5.90 -2.19	58.40 5.06 -0.64	52.87 4.76 -0.02
SISSONVILLE____ 23735	43.07 -0.26 0.00	41.22 -0.17 0.00	41.06 -0.21 0.00	41.08 -0.08 0.00	42.13 0.04 0.00	44.12 0.22 0.00	60.73 0.12 0.00	77.43 0.92 0.00	56.17 0.67 0.00	50.46 0.35 0.00	46.32 0.23 0.00	45.03 0.36 0.00	44.30 0.26 0.00	46.29 0.28 0.00	47.56 0.14 0.00	55.59 0.00 0.00	68.91 -0.21 0.00	92.36 -0.09 0.00	81.34 -0.08 0.00	71.90 0.36 0.00	65.04 0.71 0.00	57.73 1.02 0.00	53.86 1.16 0.00	49.06 0.96 0.00
SITHE_IND_GS1 24169	42.17 -1.17 0.00	40.27 -1.12 0.00	40.11 -1.16 0.00	39.97 -1.19 0.00	40.91 -1.18 0.00	42.67 -1.23 0.00	58.79 -1.82 0.00	74.29 -2.22 0.00	54.00 -1.50 0.00	48.76 -1.35 0.00	44.85 -1.24 0.00	43.47 -1.20 0.00	42.84 -1.19 0.00	44.77 -1.24 0.00	46.09 -1.33 0.00	54.03 -1.56 0.00	67.05 -2.07 0.00	89.68 -2.77 0.00	79.05 -2.36 0.00	69.47 -2.08 0.00	62.41 -1.93 0.00	55.01 -1.70 0.00	51.01 -1.69 0.00	46.61 -1.49 0.00
SITHE_IND_GS2 24170	42.17 -1.17 0.00	40.27 -1.12 0.00	40.11 -1.16 0.00	39.97 -1.19 0.00	40.91 -1.18 0.00	42.67 -1.23 0.00	58.79 -1.82 0.00	74.29 -2.22 0.00	54.00 -1.50 0.00	48.76 -1.35 0.00	44.85 -1.24 0.00	43.47 -1.20 0.00	42.84 -1.19 0.00	44.77 -1.24 0.00	46.09 -1.33 0.00	54.03 -1.56 0.00	67.05 -2.07 0.00	89.68 -2.77 0.00	79.05 -2.36 0.00	69.47 -2.08 0.00	62.41 -1.93 0.00	55.01 -1.70 0.00	51.01 -1.69 0.00	46.61 -1.49 0.00
SITHE_IND_GS3 24171	42.17 -1.17 0.00	40.27 -1.12 0.00	40.11 -1.16 0.00	39.97 -1.19 0.00	40.91 -1.18 0.00	42.67 -1.23 0.00	58.79 -1.82 0.00	74.29 -2.22 0.00	54.00 -1.50 0.00	48.76 -1.35 0.00	44.85 -1.24 0.00	43.47 -1.20 0.00	42.84 -1.19 0.00	44.77 -1.24 0.00	46.09 -1.33 0.00	54.03 -1.56 0.00	67.05 -2.07 0.00	89.68 -2.77 0.00	79.05 -2.36 0.00	69.47 -2.08 0.00	62.41 -1.93 0.00	55.01 -1.70 0.00	51.01 -1.69 0.00	46.61 -1.49 0.00
SITHE_IND_GS4 24172	42.17 -1.17 0.00	40.27 -1.12 0.00	40.11 -1.16 0.00	39.97 -1.19 0.00	40.91 -1.18 0.00	42.67 -1.23 0.00	58.79 -1.82 0.00	74.29 -2.22 0.00	54.00 -1.50 0.00	48.76 -1.35 0.00	44.85 -1.24 0.00	43.47 -1.20 0.00	42.84 -1.19 0.00	44.77 -1.24 0.00	46.09 -1.33 0.00	54.03 -1.56 0.00	67.05 -2.07 0.00	89.68 -2.77 0.00	79.05 -2.36 0.00	69.47 -2.08 0.00	62.41 -1.93 0.00	55.01 -1.70 0.00	51.01 -1.69 0.00	46.61 -1.49 0.00

SITHE____BATAVIA 24024	44.02 0.69 0.00	42.26 0.87 0.00	41.97 0.70 0.00	41.78 0.62 0.00	42.97 0.89 0.00	44.25 0.35 0.00	60.00 -0.61 0.00	76.82 0.31 0.00	55.67 0.17 0.00	50.81 0.70 0.00	46.92 0.83 0.00	45.30 0.63 0.00	44.91 0.88 0.00	46.93 0.92 0.00	47.84 0.43 0.00	55.65 0.06 0.00	68.91 -0.21 0.00	92.73 0.28 0.00	81.66 0.24 0.00	72.33 0.79 0.00	65.05 0.71 0.00	57.95 1.25 0.00	53.23 0.53 0.00	49.01 0.91 0.00
SITHE____INDEPEND 23800	42.16 -1.17 0.00	40.27 -1.12 0.00	40.11 -1.16 0.00	39.97 -1.19 0.00	40.91 -1.18 0.00	42.67 -1.23 0.00	58.79 -1.82 0.00	74.22 -2.30 0.00	53.95 -1.55 0.00	48.71 -1.40 0.00	44.85 -1.24 0.00	43.42 -1.25 0.00	42.80 -1.23 0.00	44.77 -1.24 0.00	46.04 -1.38 0.00	53.98 -1.61 0.00	67.05 -2.07 0.00	89.59 -2.87 0.00	78.97 -2.44 0.00	69.40 -2.15 0.00	62.41 -1.93 0.00	54.89 -1.81 0.00	51.01 -1.69 0.00	46.61 -1.49 0.00
SITHE____MASSENA 23902	43.25 -0.09 0.00	41.39 0.00 0.00	41.19 -0.08 0.00	41.20 0.04 0.00	42.21 0.13 0.00	44.17 0.27 0.00	60.73 0.12 0.00	77.05 0.54 0.00	55.84 0.34 0.00	50.36 0.25 0.00	46.23 0.14 0.00	44.94 0.27 0.00	44.21 0.18 0.00	46.20 0.18 0.00	47.61 0.19 0.00	55.81 0.22 0.00	69.47 0.35 0.00	93.01 0.56 0.00	81.91 0.49 0.00	72.11 0.57 0.00	64.98 0.64 0.00	57.39 0.68 0.00	53.54 0.84 0.00	48.91 0.82 0.00
SITHE____OGDNSBRG 24021	43.81 0.48 0.00	41.97 0.58 0.00	41.80 0.54 0.00	41.82 0.66 0.00	42.88 0.80 0.00	44.96 1.05 0.00	62.00 1.39 0.00	79.04 2.52 0.00	56.94 1.44 0.00	50.91 0.80 0.00	46.65 0.55 0.00	45.30 0.63 0.00	44.56 0.53 0.00	46.61 0.60 0.00	48.03 0.62 0.00	56.42 0.83 0.00	70.36 1.24 0.00	94.77 2.31 0.00	83.62 2.20 0.00	73.76 2.22 0.00	66.59 2.25 0.00	58.81 2.10 0.00	54.65 1.95 0.00	49.88 1.78 0.00
SITHE____STERLING 23777	44.50 1.17 0.00	42.59 1.20 0.00	42.47 1.20 0.00	42.31 1.15 0.00	43.39 1.31 0.00	45.40 1.49 0.00	62.85 2.24 0.00	79.73 3.21 0.00	57.56 2.05 0.00	51.87 1.75 0.00	47.61 1.52 0.00	46.10 1.43 0.00	45.35 1.32 0.00	47.48 1.47 0.00	48.98 1.56 0.00	57.53 1.94 0.00	71.68 2.56 0.00	96.25 3.79 0.00	84.59 3.17 0.00	74.33 2.79 0.00	66.78 2.44 0.00	58.69 1.98 0.00	54.23 1.53 0.00	49.59 1.49 0.00
SLEIGHT__34_KV_TB1 80719	43.25 -0.09 0.00	41.30 -0.08 0.00	41.14 -0.12 0.00	40.96 -0.21 0.00	42.04 -0.04 0.00	43.73 -0.18 0.00	60.06 -0.55 0.00	76.21 -0.31 0.00	55.28 -0.22 0.00	50.21 0.10 0.00	46.28 0.18 0.00	44.72 0.04 0.00	43.90 -0.13 0.00	46.24 0.23 0.00	47.23 -0.19 0.00	55.42 -0.17 0.00	68.84 -0.28 0.00	91.90 -0.55 0.00	80.85 -0.57 0.00	71.19 -0.36 0.00	64.21 -0.13 0.00	56.20 -0.51 0.00	52.33 -0.37 0.00	47.95 -0.14 0.00
SMITHTWN_69_KV_BK 1 55830	47.60 4.25 -0.02	45.24 3.85 -0.01	44.78 3.51 0.00	44.58 3.42 0.00	45.75 3.66 0.00	47.81 3.91 0.00	64.91 4.30 0.00	80.72 4.21 0.00	60.22 4.72 0.00	54.62 4.51 0.00	50.52 4.42 0.00	48.78 4.11 0.00	48.49 4.45 -0.01	50.58 4.56 -0.02	58.90 4.65 -6.83	62.99 5.06 -2.34	75.47 6.29 -0.06	101.12 8.60 -0.07	88.97 7.49 -0.06	82.27 6.37 -4.36	69.93 5.53 -0.06	64.82 5.27 -2.84	57.93 4.58 -0.65	52.44 4.33 -0.02
SOUTH CAIRO__GT 23612	45.54 2.21 0.00	43.54 2.15 0.00	43.37 2.10 0.00	43.30 2.14 0.00	44.19 2.10 0.00	46.05 2.15 0.00	64.30 3.70 0.00	80.72 4.21 0.00	57.72 2.22 0.00	51.52 1.40 0.00	47.11 1.01 0.00	45.57 0.89 0.00	44.87 0.84 0.00	46.84 0.83 0.00	48.51 1.09 0.00	57.31 1.72 0.00	71.95 2.83 0.00	96.98 4.53 0.00	85.41 3.99 0.00	74.62 3.08 0.00	67.10 2.77 0.00	59.37 2.67 0.00	55.28 2.58 0.00	50.31 2.21 0.00
SOUTH HAMPTN__IC 23720	48.55 5.20 -0.02	46.07 4.68 -0.01	45.56 4.29 0.00	45.36 4.20 0.00	46.54 4.46 0.00	48.64 4.74 0.00	66.97 6.36 0.00	82.64 6.12 0.00	61.72 6.21 0.00	55.58 5.46 0.00	51.39 5.30 0.00	49.54 4.87 0.00	49.14 5.11 -0.01	51.50 5.47 -0.02	59.90 5.64 -6.84	63.88 6.39 -1.90	77.39 8.22 -0.05	104.06 11.56 -0.05	91.48 10.01 -0.05	83.98 8.65 -3.78	71.78 7.40 -0.05	65.50 6.63 -2.16	59.13 5.80 -0.64	53.40 5.29 -0.02
SOUTHDOW_115KV_TB1 355954	44.16 0.82 0.00	42.54 1.16 0.00	42.51 1.24 0.00	42.31 1.15 0.00	43.56 1.47 0.00	44.91 1.01 0.00	61.27 0.67 0.00	77.89 1.38 0.00	56.39 0.89 0.00	51.72 1.60 0.00	48.12 2.03 0.00	45.97 1.30 0.00	44.96 0.92 0.00	48.17 2.16 0.00	48.46 1.04 0.00	56.31 0.72 0.00	70.36 1.24 0.00	93.66 1.20 0.00	82.96 1.55 0.00	73.40 1.86 0.00	66.40 2.06 0.00	57.95 1.25 0.00	54.38 1.69 0.00	50.21 2.12 0.00
SOUTHOLD_69_KV_BK 2 55809	49.29 5.94 -0.02	46.73 5.34 -0.01	46.26 4.99 0.00	46.06 4.90 0.00	47.26 5.18 0.00	49.39 5.49 0.00	67.45 6.85 0.00	83.86 7.35 0.00	62.27 6.77 0.00	56.28 6.16 0.00	52.08 5.99 0.00	50.17 5.49 0.00	49.90 5.86 -0.01	52.19 6.17 -0.02	60.75 6.50 -6.84	64.89 7.39 -1.90	78.78 9.61 -0.05	105.91 13.41 -0.05	93.19 11.72 -0.05	85.48 10.16 -3.78	72.94 8.56 -0.05	66.52 7.66 -2.16	59.92 6.59 -0.64	54.27 6.16 -0.02
SOUTHOLD__IC 23719	49.29 5.94 -0.02	46.73 5.34 -0.01	46.26 4.99 0.00	46.06 4.90 0.00	47.26 5.17 0.00	49.39 5.49 0.00	68.12 7.51 0.00	84.09 7.58 0.00	62.71 7.21 0.00	56.38 6.26 0.00	52.18 6.08 0.00	50.21 5.54 0.00	49.85 5.81 -0.01	52.28 6.26 -0.02	60.75 6.50 -6.84	64.99 7.50 -1.90	78.84 9.68 -0.05	106.10 13.60 -0.05	93.27 11.80 -0.05	85.63 10.30 -3.78	73.13 8.75 -0.05	66.64 7.77 -2.16	60.03 6.69 -0.64	54.27 6.16 -0.02
SOUTH_FORK_WT_PWR 323839	49.42 6.07 -0.02	46.86 5.46 -0.01	46.38 5.12 0.00	46.14 4.98 0.00	47.39 5.30 0.00	49.48 5.58 0.00	68.30 7.70 0.00	84.24 7.72 0.00	62.83 7.33 0.00	56.48 6.36 0.00	52.27 6.18 0.00	50.30 5.63 0.00	49.94 5.90 -0.01	52.38 6.35 -0.02	60.85 6.59 -6.84	65.11 7.62 -1.90	79.05 9.88 -0.05	106.37 13.86 -0.05	93.51 12.05 -0.05	85.77 10.45 -3.78	73.27 8.88 -0.05	66.75 7.88 -2.16	60.14 6.80 -0.64	54.36 6.25 -0.02
SPIERFLS_115KV_TB 1 80737	46.11 2.77 0.00	44.03 2.65 0.00	43.91 2.64 0.00	43.88 2.72 0.00	44.69 2.61 0.00	46.67 2.77 0.00	64.79 4.18 0.00	81.72 5.20 0.00	58.78 3.27 0.00	52.82 2.71 0.00	48.30 2.21 0.00	46.73 2.05 0.00	46.01 1.98 0.00	47.99 1.98 0.00	49.55 2.13 0.00	58.48 2.89 0.00	73.27 4.15 0.00	98.09 5.64 0.00	86.22 4.80 0.00	75.55 4.01 0.00	68.20 3.86 0.00	59.94 3.23 0.00	55.70 3.00 0.00	50.79 2.69 0.00
ST LAWRENCE____ 23600	42.68 -0.65 0.00	40.81 -0.58 0.00	40.65 -0.62 0.00	40.62 -0.54 0.00	41.58 -0.50 0.00	43.46 -0.44 0.00	59.88 -0.72 0.00	75.75 -0.77 0.00	54.95 -0.55 0.00	49.61 -0.50 0.00	45.59 -0.51 0.00	44.27 -0.40 0.00	43.59 -0.44 0.00	45.55 -0.46 0.00	46.99 -0.43 0.00	55.09 -0.50 0.00	68.57 -0.56 0.00	91.81 -0.64 0.00	80.85 -0.57 0.00	71.12 -0.43 0.00	64.02 -0.32 0.00	56.48 -0.23 0.00	52.65 -0.05 0.00	48.10 0.00 0.00

STATE_CA_115KV_115_LB 55624	44.03 0.69 0.00	42.09 0.70 0.00	41.93 0.66 0.00	41.86 0.70 0.00	42.63 0.55 0.00	44.43 0.53 0.00	61.09 0.48 0.00	76.90 0.38 0.00	55.83 0.33 0.00	50.41 0.30 0.00	46.60 0.51 0.00	45.16 0.49 0.00	44.56 0.53 0.00	46.56 0.55 0.00	47.99 0.57 0.00	56.26 0.67 0.00	69.74 0.62 0.00	93.10 0.65 0.00	81.82 0.41 0.00	71.83 0.29 0.00	64.72 0.39 0.00	57.22 0.51 0.00	53.54 0.84 0.00	48.87 0.77 0.00
STATE_ST_34_KV_LOAD 55959	43.72 0.39 0.00	41.76 0.37 0.00	41.60 0.33 0.00	41.45 0.29 0.00	42.46 0.38 0.00	44.34 0.44 0.00	61.27 0.67 0.00	77.51 0.99 0.00	56.17 0.67 0.00	50.66 0.55 0.00	46.55 0.46 0.00	45.03 0.36 0.00	44.34 0.31 0.00	46.52 0.51 0.00	47.75 0.33 0.00	56.09 0.50 0.00	69.81 0.69 0.00	93.47 1.02 0.00	82.31 0.90 0.00	72.40 0.86 0.00	65.17 0.84 0.00	57.05 0.34 0.00	53.01 0.32 0.00	48.39 0.29 0.00
STATION_5_MISC_HYD 23604	43.64 0.31 0.00	41.68 0.29 0.00	41.52 0.25 0.00	41.33 0.17 0.00	42.46 0.38 0.00	43.95 0.04 0.00	59.94 -0.67 0.00	76.36 -0.15 0.00	55.50 0.00 0.00	50.51 0.40 0.00	46.60 0.51 0.00	45.17 0.49 0.00	44.69 0.66 0.00	46.65 0.64 0.00	47.75 0.33 0.00	55.70 0.11 0.00	68.85 -0.28 0.00	92.36 -0.09 0.00	81.17 -0.24 0.00	71.69 0.14 0.00	64.47 0.13 0.00	57.22 0.51 0.00	52.70 0.00 0.00	48.39 0.29 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	43.38 0.04 0.00	41.43 0.04 0.00	41.27 0.00 0.00	41.12 -0.04 0.00	42.21 0.13 0.00	43.86 -0.04 0.00	60.18 -0.42 0.00	76.36 -0.15 0.00	55.44 -0.06 0.00	50.31 0.20 0.00	46.37 0.28 0.00	44.81 0.13 0.00	43.99 -0.04 0.00	46.38 0.37 0.00	47.42 0.00 0.00	55.53 -0.06 0.00	68.98 -0.14 0.00	92.08 -0.37 0.00	81.01 -0.41 0.00	71.40 -0.14 0.00	64.40 0.06 0.00	56.37 -0.34 0.00	52.54 -0.16 0.00	48.10 0.00 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	43.25 -0.09 0.00	41.34 -0.04 0.00	41.14 -0.12 0.00	41.00 -0.16 0.00	42.08 0.00 0.00	43.59 -0.31 0.00	59.45 -1.15 0.00	75.52 -0.99 0.00	54.89 -0.61 0.00	50.06 -0.05 0.00	46.18 0.09 0.00	44.63 -0.04 0.00	43.72 -0.31 0.00	46.24 0.23 0.00	47.09 -0.33 0.00	55.09 -0.50 0.00	68.36 -0.76 0.00	91.16 -1.29 0.00	80.20 -1.22 0.00	70.76 -0.79 0.00	63.89 -0.45 0.00	55.97 -0.74 0.00	52.22 -0.47 0.00	47.95 -0.14 0.00
STA_56___34_KV_BUS2 355983	43.25 -0.09 0.00	41.34 -0.04 0.00	41.14 -0.12 0.00	41.00 -0.16 0.00	42.08 0.00 0.00	43.59 -0.31 0.00	59.45 -1.15 0.00	75.52 -0.99 0.00	54.89 -0.61 0.00	50.06 -0.05 0.00	46.18 0.09 0.00	44.63 -0.04 0.00	43.72 -0.31 0.00	46.24 0.23 0.00	47.09 -0.33 0.00	55.09 -0.50 0.00	68.36 -0.76 0.00	91.16 -1.29 0.00	80.20 -1.22 0.00	70.76 -0.79 0.00	63.89 -0.45 0.00	55.97 -0.74 0.00	52.22 -0.47 0.00	47.95 -0.14 0.00
STA_67___115KV_BK2 355882	43.55 0.22 0.00	41.63 0.25 0.00	41.43 0.17 0.00	41.24 0.08 0.00	42.38 0.29 0.00	43.86 -0.04 0.00	59.76 -0.85 0.00	75.98 -0.54 0.00	55.17 -0.33 0.00	50.36 0.25 0.00	46.51 0.41 0.00	44.90 0.22 0.00	43.99 -0.04 0.00	46.52 0.51 0.00	47.37 -0.05 0.00	55.37 -0.22 0.00	68.77 -0.35 0.00	91.62 -0.83 0.00	80.68 -0.73 0.00	71.19 -0.36 0.00	64.34 0.00 0.00	56.25 -0.45 0.00	52.59 -0.11 0.00	48.29 0.19 0.00
STA_7___115KV_9TRANS 80674	43.81 0.48 0.00	41.84 0.46 0.00	41.68 0.41 0.00	41.49 0.33 0.00	42.63 0.55 0.00	44.12 0.22 0.00	60.18 -0.42 0.00	76.59 0.08 0.00	55.61 0.11 0.00	50.71 0.60 0.00	46.83 0.74 0.00	45.21 0.54 0.00	44.34 0.31 0.00	46.89 0.87 0.00	47.75 0.33 0.00	55.81 0.22 0.00	69.33 0.21 0.00	92.45 0.00 0.00	81.34 -0.08 0.00	71.76 0.21 0.00	64.85 0.51 0.00	56.71 0.00 0.00	52.96 0.26 0.00	48.63 0.53 0.00
STA_82___115KV_TB1 80780	43.55 0.22 0.00	41.59 0.21 0.00	41.43 0.17 0.00	41.24 0.08 0.00	42.34 0.25 0.00	43.81 -0.09 0.00	59.76 -0.85 0.00	75.90 -0.61 0.00	55.11 -0.39 0.00	50.31 0.20 0.00	46.46 0.37 0.00	44.85 0.18 0.00	43.94 -0.09 0.00	46.47 0.46 0.00	47.32 -0.09 0.00	55.31 -0.28 0.00	68.71 -0.41 0.00	91.53 -0.92 0.00	80.60 -0.81 0.00	71.12 -0.43 0.00	64.27 -0.06 0.00	56.20 -0.51 0.00	52.54 -0.16 0.00	48.29 0.19 0.00
STEEL___WIND 323596	43.46 0.13 0.00	41.76 0.37 0.00	41.60 0.33 0.00	41.37 0.21 0.00	42.51 0.42 0.00	43.68 -0.22 0.00	59.03 -1.58 0.00	75.21 -1.30 0.00	54.61 -0.89 0.00	50.16 0.05 0.00	46.55 0.46 0.00	44.81 0.13 0.00	44.47 0.44 0.00	46.57 0.55 0.00	47.32 -0.09 0.00	54.93 -0.66 0.00	68.09 -1.03 0.00	91.07 -1.38 0.00	80.44 -0.97 0.00	71.26 -0.29 0.00	64.08 -0.26 0.00	57.27 0.57 0.00	52.59 -0.11 0.00	48.58 0.48 0.00
STEPHTWN_115KV_BK_2 55603	44.33 1.00 0.00	42.38 0.99 0.00	42.22 0.95 0.00	42.15 0.99 0.00	42.93 0.84 0.00	44.78 0.88 0.00	61.70 1.09 0.00	77.66 1.15 0.00	56.28 0.78 0.00	50.76 0.65 0.00	46.88 0.78 0.00	45.39 0.71 0.00	44.78 0.75 0.00	46.75 0.74 0.00	48.22 0.81 0.00	56.59 1.00 0.00	70.30 1.18 0.00	93.93 1.48 0.00	82.64 1.22 0.00	72.47 0.93 0.00	65.24 0.90 0.00	57.67 0.96 0.00	53.86 1.16 0.00	49.16 1.06 0.00
STEUBEN_REC_LFGE 323667	43.29 -0.04 0.00	41.63 0.25 0.00	41.60 0.33 0.00	41.49 0.33 0.00	42.80 0.72 0.00	44.47 0.57 0.00	60.97 0.36 0.00	77.20 0.69 0.00	55.67 0.17 0.00	50.71 0.60 0.00	47.11 1.01 0.00	45.21 0.54 0.00	44.34 0.31 0.00	47.35 1.33 0.00	47.94 0.52 0.00	55.92 0.33 0.00	70.02 0.90 0.00	93.19 0.74 0.00	82.39 0.98 0.00	72.98 1.43 0.00	66.40 2.06 0.00	57.67 0.96 0.00	54.12 1.42 0.00	50.02 1.92 0.00
STILLWATER___SOLAR 323814	45.50 2.17 0.00	43.50 2.11 0.00	43.33 2.06 0.00	43.26 2.10 0.00	44.10 2.02 0.00	46.01 2.11 0.00	63.69 3.09 0.00	80.26 3.75 0.00	57.94 2.44 0.00	52.02 1.90 0.00	47.61 1.52 0.00	46.06 1.39 0.00	45.40 1.37 0.00	47.48 1.47 0.00	49.03 1.61 0.00	57.82 2.23 0.00	72.44 3.32 0.00	96.80 4.35 0.00	85.16 3.75 0.00	74.69 3.14 0.00	67.23 2.90 0.00	59.03 2.33 0.00	54.86 2.16 0.00	50.02 1.93 0.00
STONY___BROOK 24151	47.60 4.25 -0.02	45.20 3.81 -0.01	44.77 3.51 0.00	44.58 3.41 0.00	45.70 3.62 0.00	47.77 3.86 0.00	65.51 4.91 0.00	80.80 4.28 0.00	60.60 5.10 0.00	54.67 4.56 0.00	50.56 4.47 0.00	48.78 4.11 0.00	48.40 4.36 -0.01	50.67 4.65 -0.02	58.90 4.65 -6.83	62.89 5.22 -2.08	75.46 6.29 -0.05	101.01 8.50 -0.06	88.88 7.41 -0.05	81.82 6.30 -3.98	70.05 5.66 -0.05	64.42 5.27 -2.44	57.98 4.64 -0.64	52.39 4.28 -0.02
STURGEON_POOL_HYD 23609	45.33 1.99 0.00	43.21 1.82 0.00	43.04 1.77 0.00	42.93 1.77 0.00	43.81 1.73 0.00	45.70 1.80 0.00	63.70 3.09 0.00	80.11 3.60 0.00	57.89 2.39 0.00	52.32 2.20 0.00	48.17 2.07 0.00	46.68 2.01 0.00	46.10 2.07 0.00	47.94 1.93 0.00	49.50 2.09 0.00	57.81 2.22 0.00	71.82 2.70 0.00	96.52 4.07 0.00	84.84 3.42 0.00	74.33 2.79 0.00	66.65 2.32 0.00	58.98 2.27 0.00	54.65 1.95 0.00	49.78 1.68 0.00

ST_LAW_115_BK7_LBMP 345037	42.68 -0.65 0.00	40.81 -0.58 0.00	40.65 -0.62 0.00	40.62 -0.54 0.00	41.58 -0.50 0.00	43.51 -0.40 0.00	59.94 -0.67 0.00	75.82 -0.69 0.00	55.00 -0.50 0.00	49.66 -0.45 0.00	45.59 -0.51 0.00	44.27 -0.40 0.00	43.59 -0.44 0.00	45.55 -0.46 0.00	46.99 -0.43 0.00	55.09 -0.50 0.00	68.57 -0.56 0.00	91.81 -0.64 0.00	80.85 -0.57 0.00	71.12 -0.43 0.00	64.08 -0.26 0.00	56.54 -0.17 0.00	52.70 0.00 0.00	48.15 0.05 0.00
ST_LAW_115_BK8_LBMP 345038	42.68 -0.65 0.00	40.81 -0.58 0.00	40.65 -0.62 0.00	40.62 -0.54 0.00	41.58 -0.50 0.00	43.51 -0.40 0.00	59.94 -0.67 0.00	75.82 -0.69 0.00	55.00 -0.50 0.00	49.66 -0.45 0.00	45.59 -0.51 0.00	44.27 -0.40 0.00	43.59 -0.44 0.00	45.55 -0.46 0.00	46.99 -0.43 0.00	55.09 -0.50 0.00	68.57 -0.56 0.00	91.81 -0.64 0.00	80.85 -0.57 0.00	71.12 -0.43 0.00	64.08 -0.26 0.00	56.54 -0.17 0.00	52.70 0.00 0.00	48.15 0.05 0.00
ST_LAW_230_BK5_LBMP 345035	42.68 -0.65 0.00	40.81 -0.58 0.00	40.65 -0.62 0.00	40.62 -0.54 0.00	41.58 -0.50 0.00	43.46 -0.44 0.00	59.88 -0.72 0.00	75.75 -0.77 0.00	54.95 -0.55 0.00	49.61 -0.50 0.00	45.59 -0.51 0.00	44.27 -0.40 0.00	43.59 -0.44 0.00	45.55 -0.46 0.00	46.99 -0.43 0.00	55.09 -0.50 0.00	68.57 -0.56 0.00	91.81 -0.64 0.00	80.85 -0.57 0.00	71.12 -0.43 0.00	64.02 -0.32 0.00	56.48 -0.23 0.00	52.65 -0.05 0.00	48.10 0.00 0.00
ST_LAW_230_BK6_LBMP 345036	42.68 -0.65 0.00	40.81 -0.58 0.00	40.65 -0.62 0.00	40.62 -0.54 0.00	41.58 -0.50 0.00	43.46 -0.44 0.00	59.88 -0.72 0.00	75.75 -0.77 0.00	54.95 -0.55 0.00	49.61 -0.50 0.00	45.59 -0.51 0.00	44.27 -0.40 0.00	43.59 -0.44 0.00	45.55 -0.46 0.00	46.99 -0.43 0.00	55.09 -0.50 0.00	68.57 -0.56 0.00	91.81 -0.64 0.00	80.85 -0.57 0.00	71.12 -0.43 0.00	64.02 -0.32 0.00	56.48 -0.23 0.00	52.65 -0.05 0.00	48.10 0.00 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	45.24 1.91 0.00	43.12 1.74 0.00	42.96 1.69 0.00	42.89 1.73 0.00	43.73 1.64 0.00	45.66 1.76 0.00	63.39 2.79 0.00	79.81 3.29 0.00	57.72 2.22 0.00	52.27 2.15 0.00	48.17 2.07 0.00	46.73 2.05 0.00	46.15 2.11 0.00	47.99 1.98 0.00	49.50 2.09 0.00	57.76 2.17 0.00	71.75 2.63 0.00	96.34 3.88 0.00	84.67 3.26 0.00	74.19 2.65 0.00	66.52 2.19 0.00	58.81 2.10 0.00	54.60 1.90 0.00	49.78 1.68 0.00
SWANROAD_115KV_TB1 355699	42.55 -0.78 0.00	40.77 -0.62 0.00	40.85 -0.41 0.00	40.38 -0.78 0.00	41.45 -0.63 0.00	42.45 -1.45 0.00	57.03 -3.58 0.00	72.23 -4.28 0.00	52.73 -2.78 0.00	48.66 -1.45 0.00	45.12 -0.97 0.00	43.29 -1.38 0.00	42.23 -1.81 0.00	45.14 -0.87 0.00	45.52 -1.90 0.00	53.03 -2.56 0.00	65.87 -3.25 0.00	87.09 -5.36 0.00	77.10 -4.32 0.00	68.25 -3.29 0.00	61.96 -2.38 0.00	54.21 -2.50 0.00	50.91 -1.79 0.00	47.09 -1.01 0.00
SYNERGY___BIOGAS 323694	44.03 0.69 0.00	42.13 0.74 0.00	42.09 0.83 0.00	41.78 0.62 0.00	42.97 0.88 0.00	44.25 0.35 0.00	60.00 -0.61 0.00	76.44 -0.08 0.00	55.44 -0.06 0.00	50.76 0.65 0.00	46.92 0.83 0.00	45.08 0.40 0.00	44.03 0.00 0.00	46.93 0.92 0.00	47.47 0.05 0.00	55.48 -0.11 0.00	68.98 -0.14 0.00	91.99 -0.46 0.00	81.17 -0.24 0.00	71.83 0.29 0.00	64.98 0.64 0.00	56.76 0.06 0.00	53.17 0.47 0.00	49.01 0.91 0.00
SYRACUSE___ENERGY_ST1 323597	43.42 0.09 0.00	41.47 0.08 0.00	41.31 0.04 0.00	41.16 0.00 0.00	42.13 0.04 0.00	43.99 0.09 0.00	60.73 0.12 0.00	76.67 0.15 0.00	55.67 0.17 0.00	50.26 0.15 0.00	46.23 0.14 0.00	44.76 0.09 0.00	44.08 0.04 0.00	46.15 0.14 0.00	47.47 0.05 0.00	55.70 0.11 0.00	69.26 0.14 0.00	92.55 0.09 0.00	81.50 0.08 0.00	71.62 0.07 0.00	64.40 0.06 0.00	56.54 -0.17 0.00	52.54 -0.16 0.00	47.95 -0.14 0.00
SYRACUSE___ENERGY_ST2 323598	43.42 0.09 0.00	41.47 0.08 0.00	41.31 0.04 0.00	41.16 0.00 0.00	42.13 0.04 0.00	43.99 0.09 0.00	60.73 0.12 0.00	76.67 0.15 0.00	55.67 0.17 0.00	50.26 0.15 0.00	46.23 0.14 0.00	44.76 0.09 0.00	44.08 0.04 0.00	46.15 0.14 0.00	47.47 0.05 0.00	55.70 0.11 0.00	69.26 0.14 0.00	92.55 0.09 0.00	81.50 0.08 0.00	71.62 0.07 0.00	64.40 0.06 0.00	56.54 -0.17 0.00	52.54 -0.16 0.00	47.95 -0.14 0.00
SYRACUSE___POWER 24017	43.33 0.00 0.00	41.39 0.00 0.00	41.27 0.00 0.00	41.08 -0.08 0.00	42.08 0.00 0.00	43.90 0.00 0.00	60.60 0.00 0.00	76.51 0.00 0.00	55.56 0.06 0.00	50.16 0.05 0.00	46.18 0.09 0.00	44.72 0.04 0.00	44.03 0.00 0.00	46.10 0.09 0.00	47.42 0.00 0.00	55.65 0.06 0.00	69.12 0.00 0.00	92.45 0.00 0.00	81.42 0.00 0.00	71.54 0.00 0.00	64.34 0.00 0.00	56.42 -0.28 0.00	52.43 -0.26 0.00	47.91 -0.19 0.00
TALLMAN_138KV_BK151 55660	45.41 2.08 0.00	43.29 1.90 0.00	43.12 1.86 0.00	43.01 1.85 0.00	43.85 1.77 0.00	45.79 1.89 0.00	63.57 2.97 0.00	80.03 3.52 0.00	57.89 2.39 0.00	52.47 2.36 0.00	48.40 2.30 0.00	46.95 2.28 0.00	46.37 2.33 0.00	48.22 2.21 0.00	49.74 2.32 0.00	57.93 2.33 0.00	71.89 2.76 0.00	96.61 4.16 0.00	84.84 3.42 0.00	74.41 2.86 0.00	66.72 2.38 0.00	58.98 2.27 0.00	54.75 2.06 0.00	49.88 1.78 0.00
TEALLAVE_115KV_TB7 355573	43.16 -0.17 0.00	41.22 -0.17 0.00	41.06 -0.21 0.00	40.91 -0.25 0.00	41.92 -0.17 0.00	43.73 -0.18 0.00	60.24 -0.36 0.00	76.13 -0.38 0.00	55.28 -0.22 0.00	49.96 -0.15 0.00	46.05 -0.05 0.00	44.54 -0.13 0.00	43.86 -0.18 0.00	45.96 -0.05 0.00	47.23 -0.19 0.00	55.37 -0.22 0.00	68.77 -0.35 0.00	91.90 -0.55 0.00	80.93 -0.49 0.00	71.04 -0.50 0.00	63.95 -0.39 0.00	56.14 -0.57 0.00	52.17 -0.53 0.00	47.71 -0.38 0.00
TELGRAPH_34_KV_EAST 80808	43.42 0.09 0.00	41.59 0.21 0.00	41.56 0.29 0.00	41.20 0.04 0.00	42.34 0.25 0.00	43.51 -0.40 0.00	58.73 -1.88 0.00	74.68 -1.84 0.00	54.33 -1.17 0.00	49.91 -0.20 0.00	46.23 0.14 0.00	44.36 -0.31 0.00	43.33 -0.70 0.00	46.24 0.23 0.00	46.71 -0.71 0.00	54.48 -1.11 0.00	67.74 -1.38 0.00	89.96 -2.50 0.00	79.46 -1.95 0.00	70.33 -1.22 0.00	63.76 -0.58 0.00	55.69 -1.02 0.00	52.28 -0.42 0.00	48.24 0.14 0.00
TEMPLE___115KV_TB 2 55572	43.20 -0.13 0.00	41.22 -0.17 0.00	41.10 -0.17 0.00	40.91 -0.25 0.00	41.92 -0.17 0.00	43.73 -0.18 0.00	60.30 -0.30 0.00	76.13 -0.38 0.00	55.28 -0.22 0.00	50.01 -0.10 0.00	46.05 -0.05 0.00	44.58 -0.09 0.00	43.90 -0.13 0.00	45.96 -0.05 0.00	47.28 -0.14 0.00	55.42 -0.17 0.00	68.84 -0.28 0.00	91.90 -0.55 0.00	80.93 -0.49 0.00	71.12 -0.43 0.00	63.95 -0.39 0.00	56.14 -0.57 0.00	52.17 -0.53 0.00	47.71 -0.38 0.00
TIANA___69_KV_BK 1 55817	48.33 4.98 -0.02	45.90 4.51 -0.01	45.44 4.17 0.00	45.19 4.03 0.00	46.38 4.29 0.00	48.47 4.57 0.00	66.06 5.45 0.00	82.18 5.66 0.00	61.11 5.61 0.00	55.27 5.16 0.00	51.16 5.07 0.00	49.32 4.65 0.00	49.06 5.02 -0.01	51.23 5.20 -0.02	59.66 5.41 -6.84	63.55 6.06 -1.90	76.98 7.81 -0.05	103.42 10.91 -0.05	90.99 9.53 -0.05	83.48 8.16 -3.78	71.33 6.95 -0.05	65.22 6.35 -2.16	58.82 5.48 -0.64	53.21 5.10 -0.02

TILDEN___115KV_TB1 80814	43.33 0.00 0.00	41.39 0.00 0.00	41.27 0.00 0.00	41.08 -0.08 0.00	42.08 0.00 0.00	43.90 0.00 0.00	60.60 0.00 0.00	76.51 0.00 0.00	55.56 0.06 0.00	50.16 0.05 0.00	46.18 0.09 0.00	44.72 0.04 0.00	44.03 0.00 0.00	46.10 0.09 0.00	47.42 0.00 0.00	55.65 0.06 0.00	69.12 0.00 0.00	92.45 0.00 0.00	81.42 0.00 0.00	71.54 0.00 0.00	64.34 0.00 0.00	56.42 -0.28 0.00	52.43 -0.26 0.00	47.91 -0.19 0.00
TRIGEN___CC 323695	46.64 3.29 -0.01	44.50 3.10 -0.01	44.11 2.85 0.00	43.92 2.76 0.00	44.99 2.90 0.00	46.98 3.07 0.00	64.24 3.64 0.00	80.34 3.83 0.00	59.27 3.77 0.00	53.82 3.71 0.00	49.78 3.69 0.00	48.16 3.48 0.00	47.74 3.70 -0.01	49.70 3.68 -0.01	56.72 3.51 -5.79	59.76 3.72 -0.45	74.03 4.91 -0.01	99.31 6.84 -0.01	87.37 5.94 -0.01	76.49 4.94 -0.01	68.65 4.31 -0.01	60.68 3.97 -0.01	56.42 3.21 -0.51	51.28 3.17 -0.01
TRINITY__115KV__4 BK 55933	43.94 0.61 0.00	41.97 0.58 0.00	41.85 0.58 0.00	41.74 0.58 0.00	42.55 0.46 0.00	44.30 0.40 0.00	60.97 0.36 0.00	76.67 0.15 0.00	55.72 0.22 0.00	50.26 0.15 0.00	46.41 0.32 0.00	44.99 0.31 0.00	44.38 0.35 0.00	46.33 0.32 0.00	47.80 0.38 0.00	56.04 0.44 0.00	69.54 0.41 0.00	92.73 0.28 0.00	81.58 0.16 0.00	71.62 0.07 0.00	64.53 0.19 0.00	57.05 0.34 0.00	53.33 0.63 0.00	48.63 0.53 0.00
UNION___PROCESSING_DRP 323587	43.55 0.22 0.00	41.59 0.21 0.00	41.43 0.17 0.00	41.24 0.08 0.00	42.34 0.25 0.00	43.81 -0.09 0.00	59.76 -0.85 0.00	75.90 -0.61 0.00	55.17 -0.33 0.00	50.31 0.20 0.00	46.46 0.37 0.00	44.85 0.18 0.00	43.94 -0.09 0.00	46.52 0.51 0.00	47.32 -0.09 0.00	55.31 -0.28 0.00	68.71 -0.41 0.00	91.53 -0.92 0.00	80.60 -0.81 0.00	71.12 -0.43 0.00	64.27 -0.06 0.00	56.25 -0.45 0.00	52.54 -0.16 0.00	48.29 0.19 0.00
UPPER HUDSON___HYD 24058	46.11 2.78 0.00	44.04 2.65 0.00	43.91 2.64 0.00	43.88 2.72 0.00	44.70 2.61 0.00	46.67 2.77 0.00	64.85 4.24 0.00	81.79 5.28 0.00	58.83 3.33 0.00	52.87 2.75 0.00	48.30 2.21 0.00	46.73 2.06 0.00	46.01 1.98 0.00	47.99 1.98 0.00	49.60 2.18 0.00	58.53 2.94 0.00	73.34 4.22 0.00	98.19 5.73 0.00	86.38 4.97 0.00	75.69 4.15 0.00	68.26 3.93 0.00	59.94 3.23 0.00	55.70 3.00 0.00	50.79 2.69 0.00
UPPER RAQUET___HYD 24056	43.07 -0.26 0.00	41.22 -0.16 0.00	41.06 -0.21 0.00	41.08 -0.08 0.00	42.13 0.04 0.00	44.12 0.22 0.00	60.54 -0.06 0.00	77.05 0.54 0.00	55.89 0.39 0.00	50.36 0.25 0.00	46.23 0.14 0.00	44.94 0.27 0.00	44.16 0.13 0.00	46.15 0.14 0.00	47.47 0.05 0.00	55.37 -0.22 0.00	68.64 -0.48 0.00	91.99 -0.46 0.00	81.01 -0.41 0.00	71.54 0.00 0.00	64.79 0.45 0.00	57.44 0.74 0.00	53.70 1.00 0.00	49.06 0.96 0.00
VALLEY44_115KV_TB2 355964	43.42 0.09 0.00	41.72 0.33 0.00	41.64 0.37 0.00	41.41 0.25 0.00	42.59 0.51 0.00	43.95 0.04 0.00	59.70 -0.91 0.00	75.52 -0.99 0.00	54.45 -1.05 0.00	50.01 -0.10 0.00	46.51 0.41 0.00	44.54 -0.13 0.00	43.55 -0.48 0.00	46.47 0.46 0.00	46.80 -0.62 0.00	54.37 -1.22 0.00	68.01 -1.11 0.00	90.60 -1.85 0.00	80.11 -1.30 0.00	70.90 -0.64 0.00	64.34 0.00 0.00	56.14 -0.57 0.00	52.59 -0.11 0.00	48.67 0.58 0.00
VALLEY___115KV_TB 1-4 80826	44.59 1.26 0.00	42.59 1.20 0.00	42.51 1.24 0.00	42.40 1.23 0.00	43.39 1.30 0.00	45.31 1.40 0.00	62.54 1.94 0.00	79.12 2.60 0.00	57.28 1.78 0.00	51.72 1.60 0.00	47.66 1.57 0.00	46.15 1.47 0.00	45.48 1.45 0.00	47.58 1.56 0.00	49.08 1.66 0.00	57.59 2.00 0.00	71.75 2.63 0.00	96.15 3.70 0.00	84.67 3.26 0.00	74.48 2.93 0.00	66.97 2.64 0.00	59.09 2.38 0.00	54.91 2.21 0.00	50.17 2.07 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	45.24 1.91 0.00	43.25 1.86 0.00	43.21 1.94 0.00	43.05 1.89 0.00	44.06 1.98 0.00	45.97 2.06 0.00	66.91 6.30 0.00	84.63 8.11 0.00	60.50 5.00 0.00	54.72 4.61 0.00	50.19 4.10 0.00	48.43 3.75 0.00	47.51 3.48 0.00	49.83 3.82 0.00	51.45 4.03 0.00	61.37 5.78 0.00	77.07 7.95 0.00	104.10 11.65 0.00	85.65 4.23 0.00	75.12 3.58 0.00	67.49 3.15 0.00	59.37 2.67 0.00	54.91 2.21 0.00	50.17 2.07 0.00
VISCHER___FERRY HYD 24020	44.76 1.43 0.00	42.79 1.41 0.00	42.67 1.40 0.00	42.56 1.40 0.00	43.35 1.26 0.00	45.18 1.27 0.00	62.36 1.76 0.00	78.43 1.91 0.00	57.00 1.50 0.00	51.21 1.10 0.00	46.92 0.83 0.00	45.43 0.76 0.00	44.78 0.75 0.00	46.84 0.83 0.00	48.42 1.00 0.00	56.87 1.28 0.00	71.19 2.07 0.00	94.95 2.50 0.00	83.62 2.20 0.00	73.33 1.79 0.00	65.88 1.54 0.00	57.95 1.25 0.00	53.86 1.16 0.00	49.11 1.01 0.00
V_A_10_SYNC_DSASP 323832	43.07 -0.26 0.00	41.18 -0.21 0.00	41.02 -0.25 0.00	40.83 -0.33 0.00	41.92 -0.17 0.00	43.07 -0.83 0.00	58.18 -2.42 0.00	73.61 -2.91 0.00	53.67 -1.83 0.00	49.36 -0.75 0.00	45.72 -0.37 0.00	44.00 -0.67 0.00	42.97 -1.06 0.00	45.69 -0.32 0.00	46.23 -1.19 0.00	54.03 -1.56 0.00	66.98 -2.14 0.00	88.76 -3.70 0.00	78.49 -2.93 0.00	69.40 -2.15 0.00	62.86 -1.48 0.00	55.01 -1.70 0.00	51.54 -1.16 0.00	47.57 -0.53 0.00
V_CMM_10_SYNC_DSASP 323787	42.90 -0.43 0.00	41.01 -0.37 0.00	40.85 -0.41 0.00	40.87 -0.29 0.00	41.83 -0.25 0.00	43.73 -0.18 0.00	60.36 -0.24 0.00	76.51 0.00 0.00	55.56 0.06 0.00	50.01 -0.10 0.00	45.91 -0.18 0.00	44.63 -0.04 0.00	43.94 -0.09 0.00	45.87 -0.14 0.00	47.32 -0.09 0.00	55.59 0.00 0.00	69.19 0.07 0.00	92.64 0.18 0.00	81.58 0.16 0.00	71.76 0.21 0.00	64.66 0.32 0.00	57.05 0.34 0.00	53.12 0.42 0.00	48.43 0.34 0.00
V_CMP_10_SYNC_DSASP 323788	42.03 -1.30 0.00	40.19 -1.20 0.00	39.99 -1.28 0.00	40.09 -1.07 0.00	41.07 -1.01 0.00	43.07 -0.83 0.00	59.57 -1.03 0.00	75.75 -0.77 0.00	55.00 -0.50 0.00	49.51 -0.60 0.00	45.45 -0.65 0.00	44.23 -0.45 0.00	43.55 -0.48 0.00	45.50 -0.51 0.00	47.04 -0.38 0.00	55.42 -0.17 0.00	69.19 0.07 0.00	92.73 0.28 0.00	81.74 0.33 0.00	71.97 0.43 0.00	64.92 0.58 0.00	57.27 0.57 0.00	53.33 0.63 0.00	48.53 0.43 0.00
V_D_10_SYNC_DSASP 323841	43.25 -0.09 0.00	41.34 -0.04 0.00	41.18 -0.08 0.00	41.20 0.04 0.00	42.21 0.13 0.00	44.12 0.22 0.00	60.91 0.30 0.00	77.28 0.77 0.00	56.06 0.56 0.00	50.46 0.35 0.00	46.32 0.23 0.00	44.99 0.31 0.00	44.30 0.26 0.00	46.29 0.28 0.00	47.70 0.28 0.00	56.04 0.44 0.00	69.67 0.55 0.00	93.29 0.83 0.00	82.15 0.73 0.00	72.33 0.79 0.00	65.24 0.90 0.00	57.61 0.91 0.00	53.65 0.95 0.00	48.92 0.82 0.00
V_E_10_SYNC_DSASP 323830	46.15 2.82 0.00	44.28 2.90 0.00	44.16 2.89 0.00	44.00 2.84 0.00	45.28 3.20 0.00	47.59 3.69 0.00	66.73 6.12 0.00	85.01 8.49 0.00	60.77 5.27 0.00	54.72 4.61 0.00	50.10 4.01 0.00	48.38 3.71 0.00	47.47 3.43 0.00	49.92 3.91 0.00	51.59 4.17 0.00	61.20 5.61 0.00	76.93 7.81 0.00	103.83 11.37 0.00	90.29 8.87 0.00	79.27 7.73 0.00	71.35 7.01 0.00	62.21 5.50 0.00	57.28 4.58 0.00	52.52 4.42 0.00

V_F_30_NSYNC___DSASP 323816	45.54 2.21 0.00	43.54 2.15 0.00	43.41 2.15 0.00	43.34 2.18 0.00	44.15 2.06 0.00	46.05 2.15 0.00	63.76 3.15 0.00	80.26 3.75 0.00	57.94 2.44 0.00	52.12 2.00 0.00	47.66 1.57 0.00	46.15 1.47 0.00	45.53 1.50 0.00	47.53 1.52 0.00	49.13 1.71 0.00	57.87 2.28 0.00	72.44 3.32 0.00	96.89 4.44 0.00	85.16 3.75 0.00	74.69 3.15 0.00	67.23 2.90 0.00	59.15 2.44 0.00	54.91 2.21 0.00	50.12 2.02 0.00
V_F_30_SYNC_DSASP 323786	44.03 0.69 0.00	42.09 0.70 0.00	41.93 0.66 0.00	41.86 0.70 0.00	42.63 0.55 0.00	44.43 0.53 0.00	61.09 0.48 0.00	76.90 0.38 0.00	55.83 0.33 0.00	50.41 0.30 0.00	46.60 0.51 0.00	45.16 0.49 0.00	44.56 0.53 0.00	46.52 0.51 0.00	47.99 0.57 0.00	56.26 0.67 0.00	69.74 0.62 0.00	93.10 0.65 0.00	81.82 0.41 0.00	71.83 0.29 0.00	64.72 0.39 0.00	57.22 0.51 0.00	53.54 0.84 0.00	48.87 0.77 0.00
V_XM_10_SYNC_DSASP 323789	42.03 -1.30 0.00	40.19 -1.20 0.00	39.99 -1.28 0.00	40.09 -1.07 0.00	41.07 -1.01 0.00	43.07 -0.83 0.00	59.57 -1.03 0.00	75.75 -0.77 0.00	55.00 -0.50 0.00	49.51 -0.60 0.00	45.45 -0.65 0.00	44.23 -0.45 0.00	43.55 -0.48 0.00	45.50 -0.51 0.00	47.04 -0.38 0.00	55.42 -0.17 0.00	69.19 0.07 0.00	92.73 0.28 0.00	81.74 0.33 0.00	71.97 0.43 0.00	64.92 0.58 0.00	57.27 0.57 0.00	53.33 0.63 0.00	48.53 0.43 0.00
W.BABYLN_69_KV_BK1 56697	47.85 4.51 -0.01	45.53 4.14 -0.01	45.06 3.80 0.00	44.87 3.70 0.00	46.00 3.91 0.00	48.07 4.17 0.00	65.57 4.97 0.00	81.72 5.20 0.00	60.66 5.16 0.00	54.92 4.81 0.00	50.84 4.75 0.00	49.10 4.42 0.00	48.79 4.76 -0.01	50.90 4.88 -0.01	58.81 4.79 -6.60	61.15 4.95 -0.61	75.70 6.57 -0.01	101.81 9.34 -0.02	89.81 8.39 -0.01	78.82 6.80 -0.48	70.20 5.85 -0.01	62.15 5.27 -0.17	57.97 4.69 -0.58	52.73 4.62 -0.01
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	45.59 2.25 0.00	43.46 2.07 0.00	43.29 2.02 0.00	43.18 2.02 0.00	44.02 1.94 0.00	45.97 2.06 0.00	63.88 3.27 0.00	80.42 3.90 0.00	58.16 2.66 0.00	52.67 2.56 0.00	48.63 2.54 0.00	47.13 2.46 0.00	46.54 2.51 0.00	48.40 2.39 0.00	49.93 2.51 0.00	58.20 2.61 0.00	72.23 3.11 0.00	97.08 4.62 0.00	85.24 3.83 0.00	74.76 3.22 0.00	66.97 2.64 0.00	59.26 2.55 0.00	54.96 2.27 0.00	50.07 1.97 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	45.80 2.47 0.00	43.62 2.23 0.00	43.41 2.15 0.00	43.30 2.14 0.00	44.15 2.06 0.00	46.18 2.28 0.00	64.30 3.70 0.00	80.88 4.36 0.00	58.61 3.11 0.00	53.17 3.06 0.00	49.09 3.00 0.00	47.62 2.95 0.00	47.03 2.99 -0.01	48.91 2.90 0.00	50.50 3.08 0.00	58.76 3.17 0.00	72.71 3.59 0.00	97.54 5.08 0.00	85.73 4.32 0.00	75.12 3.58 0.00	67.30 2.96 0.00	59.54 2.84 0.00	55.28 2.58 0.00	50.36 2.26 0.00
W50THST__13_KV_LOAD 356117	46.02 2.69 0.00	43.79 2.40 0.00	43.58 2.31 0.00	43.47 2.31 0.00	44.36 2.27 0.00	46.40 2.50 0.00	64.60 4.00 0.00	81.34 4.82 0.00	58.94 3.44 0.00	53.52 3.41 0.00	49.41 3.32 0.00	47.94 3.26 0.00	47.34 3.30 -0.01	49.19 3.17 0.00	50.83 3.41 0.00	59.09 3.50 0.00	73.13 4.01 0.00	98.19 5.73 0.00	86.22 4.80 0.00	75.55 4.01 0.00	67.62 3.28 0.00	59.83 3.12 0.00	55.54 2.85 0.00	50.60 2.50 0.00
WADING RIVER_IC_1 23522	48.03 4.68 -0.02	45.62 4.22 -0.01	45.15 3.88 0.00	44.95 3.78 0.00	46.13 4.04 0.00	48.21 4.30 0.00	66.18 5.57 0.00	81.72 5.21 0.00	61.05 5.55 0.00	55.03 4.91 0.00	50.89 4.79 0.00	49.05 4.38 0.00	48.66 4.62 -0.01	51.00 4.97 -0.02	59.33 5.08 -6.84	63.22 5.73 -1.91	76.42 7.26 -0.05	102.68 10.17 -0.05	90.34 8.88 -0.05	83.00 7.66 -3.80	70.95 6.57 -0.05	64.83 5.95 -2.17	58.55 5.22 -0.64	52.88 4.76 -0.02
WADING RIVER_IC_2 23547	48.03 4.68 -0.02	45.62 4.22 -0.01	45.15 3.88 0.00	44.95 3.78 0.00	46.13 4.04 0.00	48.21 4.30 0.00	66.18 5.57 0.00	81.72 5.21 0.00	61.05 5.55 0.00	55.03 4.91 0.00	50.89 4.79 0.00	49.05 4.38 0.00	48.66 4.62 -0.01	51.00 4.97 -0.02	59.33 5.08 -6.84	63.22 5.73 -1.91	76.42 7.26 -0.05	102.68 10.17 -0.05	90.34 8.88 -0.05	83.00 7.66 -3.80	70.95 6.57 -0.05	64.83 5.95 -2.17	58.55 5.22 -0.64	52.88 4.76 -0.02
WADING RIVER_IC_3 23601	48.03 4.68 -0.02	45.62 4.22 -0.01	45.15 3.88 0.00	44.95 3.78 0.00	46.13 4.04 0.00	48.21 4.30 0.00	66.18 5.57 0.00	81.72 5.21 0.00	61.05 5.55 0.00	55.03 4.91 0.00	50.89 4.79 0.00	49.05 4.38 0.00	48.66 4.62 -0.01	51.00 4.97 -0.02	59.33 5.08 -6.84	63.22 5.73 -1.91	76.42 7.26 -0.05	102.68 10.17 -0.05	90.34 8.88 -0.05	83.00 7.66 -3.80	70.95 6.57 -0.05	64.83 5.95 -2.17	58.55 5.22 -0.64	52.88 4.76 -0.02
WALDENNY_12_KV_BK2 80841	43.51 0.17 0.00	41.72 0.33 0.00	41.64 0.37 0.00	41.37 0.21 0.00	42.51 0.42 0.00	43.64 -0.26 0.00	58.97 -1.64 0.00	74.83 -1.68 0.00	54.45 -1.05 0.00	50.11 0.00 0.00	46.55 0.46 0.00	44.58 -0.09 0.00	43.55 -0.48 0.00	46.61 0.60 0.00	46.99 -0.43 0.00	54.70 -0.89 0.00	68.15 -0.97 0.00	90.23 -2.22 0.00	79.87 -1.55 0.00	70.69 -0.86 0.00	64.08 -0.26 0.00	55.97 -0.74 0.00	52.59 -0.11 0.00	48.58 0.48 0.00
WALDEN__HYDRO 24148	45.41 2.08 0.00	43.29 1.90 0.00	43.12 1.86 0.00	43.01 1.85 0.00	43.89 1.81 0.00	45.83 1.93 0.00	63.76 3.15 0.00	80.19 3.67 0.00	57.94 2.44 0.00	52.42 2.31 0.00	48.30 2.21 0.00	46.82 2.14 0.00	46.23 2.20 0.00	48.13 2.12 0.00	49.65 2.23 0.00	57.98 2.39 0.00	72.02 2.90 0.00	96.71 4.25 0.00	85.00 3.58 0.00	74.55 3.00 0.00	66.78 2.44 0.00	59.09 2.38 0.00	54.81 2.11 0.00	49.93 1.83 0.00
WARRENSBURG____ 23737	46.11 2.77 0.00	44.03 2.65 0.00	43.91 2.64 0.00	43.88 2.72 0.00	44.69 2.61 0.00	46.67 2.77 0.00	64.79 4.18 0.00	81.72 5.20 0.00	58.78 3.27 0.00	52.82 2.71 0.00	48.30 2.21 0.00	46.73 2.05 0.00	46.01 1.98 0.00	47.99 1.98 0.00	49.55 2.13 0.00	58.48 2.89 0.00	73.27 4.15 0.00	98.09 5.64 0.00	86.22 4.80 0.00	75.55 4.01 0.00	68.20 3.86 0.00	59.94 3.23 0.00	55.70 3.00 0.00	50.79 2.69 0.00
WATERSIDE____6 8 9 23538	45.85 2.51 0.00	43.66 2.28 0.00	43.41 2.15 0.00	43.30 2.14 0.00	44.10 2.02 0.00	46.10 2.20 0.00	64.12 3.52 0.00	80.42 3.90 0.00	58.44 2.94 0.00	53.17 3.06 0.00	49.04 2.95 0.00	47.59 2.90 -0.02	47.19 2.99 -0.16	48.91 2.90 0.00	50.47 3.03 -0.02	58.65 3.06 0.00	72.30 3.18 0.00	96.98 4.53 0.00	85.33 3.91 0.00	74.76 3.22 0.00	67.04 2.70 0.00	59.37 2.67 0.00	55.39 2.69 0.00	50.36 2.26 0.00
WATKINRD_115KV_LN8_ILLION 55919	44.29 0.95 0.00	42.30 0.91 0.00	42.22 0.95 0.00	42.11 0.95 0.00	43.05 0.97 0.00	44.96 1.05 0.00	62.06 1.45 0.00	78.43 1.91 0.00	56.78 1.28 0.00	51.26 1.15 0.00	47.24 1.15 0.00	45.75 1.07 0.00	45.09 1.06 0.00	47.12 1.10 0.00	48.60 1.19 0.00	57.04 1.45 0.00	70.99 1.87 0.00	95.04 2.59 0.00	83.78 2.36 0.00	73.62 2.07 0.00	66.20 1.87 0.00	58.41 1.70 0.00	54.23 1.53 0.00	49.54 1.44 0.00

WDELAWARE___HYD 323627	45.72 2.38 0.00	43.58 2.19 0.00	43.41 2.14 0.00	43.30 2.14 0.00	44.23 2.15 0.00	46.18 2.28 0.00	64.60 4.00 0.00	81.34 4.82 0.00	58.66 3.16 0.00	52.92 2.80 0.00	48.63 2.53 0.00	47.08 2.41 0.00	46.36 2.33 0.00	48.40 2.39 0.00	49.93 2.51 0.00	58.59 3.00 0.00	72.78 3.66 0.00	98.00 5.55 0.00	85.97 4.56 0.00	75.33 3.79 0.00	67.62 3.28 0.00	59.65 2.95 0.00	55.33 2.63 0.00	50.31 2.21 0.00
WEST BABYLON___IC 23714	47.85 4.51 -0.01	45.53 4.14 -0.01	45.06 3.80 0.00	44.87 3.70 0.00	46.00 3.91 0.00	48.07 4.17 0.00	65.57 4.97 0.00	81.72 5.20 0.00	60.66 5.16 0.00	54.92 4.81 0.00	50.84 4.75 0.00	49.10 4.42 0.00	48.79 4.76 -0.01	50.90 4.88 -0.01	58.81 4.79 -6.60	61.15 4.95 -0.61	75.70 6.57 -0.01	101.81 9.34 -0.02	89.81 8.39 -0.01	78.82 6.80 -0.48	70.20 5.85 -0.01	62.15 5.27 -0.17	57.97 4.69 -0.58	52.73 4.62 -0.01
WEST CANADA___HYD 24049	43.55 0.22 0.00	41.59 0.21 0.00	41.52 0.25 0.00	41.37 0.21 0.00	42.30 0.21 0.00	44.12 0.22 0.00	60.91 0.30 0.00	76.90 0.38 0.00	55.72 0.22 0.00	50.36 0.25 0.00	46.32 0.23 0.00	44.85 0.18 0.00	44.21 0.18 0.00	46.20 0.18 0.00	47.66 0.24 0.00	55.87 0.28 0.00	69.47 0.35 0.00	92.92 0.46 0.00	81.83 0.41 0.00	71.90 0.36 0.00	64.60 0.26 0.00	56.99 0.28 0.00	52.91 0.21 0.00	48.29 0.19 0.00
WESTERN_NY_WIND 24143	43.98 0.65 0.00	42.09 0.70 0.00	42.05 0.78 0.00	41.70 0.54 0.00	42.88 0.80 0.00	44.17 0.26 0.00	59.88 -0.73 0.00	76.29 -0.23 0.00	55.33 -0.17 0.00	50.66 0.55 0.00	46.83 0.74 0.00	45.03 0.36 0.00	43.99 -0.04 0.00	46.89 0.87 0.00	47.42 0.00 0.00	55.37 -0.22 0.00	68.91 -0.21 0.00	91.81 -0.65 0.00	81.01 -0.41 0.00	71.69 0.14 0.00	64.92 0.58 0.00	56.71 0.00 0.00	53.12 0.42 0.00	48.96 0.87 0.00
WESTOVER___LESR 323668	44.24 0.91 0.00	42.26 0.87 0.00	42.13 0.87 0.00	41.98 0.82 0.00	43.01 0.93 0.00	44.82 0.92 0.00	61.94 1.33 0.00	78.20 1.68 0.00	56.61 1.11 0.00	51.21 1.10 0.00	47.15 1.06 0.00	45.57 0.89 0.00	44.87 0.84 0.00	47.02 1.01 0.00	48.32 0.90 0.00	56.70 1.11 0.00	70.57 1.45 0.00	94.40 1.94 0.00	82.88 1.47 0.00	72.90 1.36 0.00	65.62 1.29 0.00	57.67 0.96 0.00	53.59 0.90 0.00	48.96 0.87 0.00
WETHRSFD_WT_PWR 323626	43.12 -0.22 0.00	41.43 0.04 0.00	41.31 0.04 0.00	41.16 0.00 0.00	42.30 0.21 0.00	43.64 -0.26 0.00	59.27 -1.33 0.00	75.44 -1.07 0.00	54.44 -1.06 0.00	49.81 -0.30 0.00	46.18 0.09 0.00	44.54 -0.13 0.00	44.21 0.18 0.00	46.34 0.32 0.00	47.18 -0.24 0.00	54.93 -0.66 0.00	68.15 -0.97 0.00	91.25 -1.20 0.00	80.52 -0.89 0.00	71.40 -0.14 0.00	64.34 0.00 0.00	57.27 0.57 0.00	52.65 -0.05 0.00	48.68 0.58 0.00
WHAVSTOR_138KV_BK127 55557	45.37 2.04 0.00	43.25 1.86 0.00	43.08 1.82 0.00	43.01 1.85 0.00	43.81 1.73 0.00	45.75 1.84 0.00	63.45 2.85 0.00	79.88 3.37 0.00	57.83 2.33 0.00	52.42 2.31 0.00	48.35 2.26 0.00	46.91 2.23 0.00	46.32 2.29 0.00	48.17 2.16 0.00	49.69 2.28 0.00	57.87 2.28 0.00	71.82 2.70 0.00	96.43 3.98 0.00	84.76 3.34 0.00	74.33 2.79 0.00	66.59 2.25 0.00	58.86 2.15 0.00	54.65 1.95 0.00	49.83 1.73 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	45.37 2.04 0.00	43.25 1.86 0.00	43.08 1.82 0.00	43.01 1.85 0.00	43.81 1.73 0.00	45.75 1.84 0.00	63.45 2.85 0.00	79.88 3.37 0.00	57.83 2.33 0.00	52.42 2.31 0.00	48.35 2.26 0.00	46.91 2.23 0.00	46.32 2.29 0.00	48.17 2.16 0.00	49.69 2.28 0.00	57.87 2.28 0.00	71.82 2.70 0.00	96.43 3.98 0.00	84.76 3.34 0.00	74.33 2.79 0.00	66.59 2.25 0.00	58.86 2.15 0.00	54.65 1.95 0.00	49.83 1.73 0.00
WHITEHAL_115KV_TB1 80871	46.71 3.38 0.00	44.66 3.27 0.00	44.49 3.22 0.00	44.45 3.29 0.00	45.28 3.20 0.00	47.37 3.47 0.00	65.88 5.27 0.00	83.10 6.58 0.00	59.50 4.00 0.00	53.37 3.26 0.00	48.72 2.63 0.00	47.09 2.41 0.00	46.37 2.33 0.00	48.36 2.35 0.00	49.98 2.56 0.00	59.09 3.50 0.00	74.30 5.18 0.00	99.67 7.21 0.00	87.69 6.27 0.00	76.84 5.29 0.00	69.29 4.95 0.00	60.79 4.08 0.00	56.49 3.79 0.00	51.51 3.41 0.00
WHITEPLN_13_KV_LOAD 356215	46.06 2.73 0.00	43.91 2.52 0.00	43.70 2.43 0.00	43.59 2.43 0.00	44.48 2.40 0.00	46.45 2.55 0.00	64.73 4.12 0.00	81.56 5.05 0.00	58.94 3.44 0.00	53.52 3.41 0.00	49.41 3.32 0.00	47.89 3.22 0.00	47.25 3.21 0.00	49.14 3.13 0.00	50.69 3.27 0.00	59.09 3.50 0.00	73.34 4.22 0.00	98.46 6.01 0.00	86.55 5.13 0.00	75.84 4.29 0.00	67.81 3.47 0.00	59.94 3.23 0.00	55.60 2.90 0.00	50.65 2.55 0.00
WM_FLOYD_69_KV_BK2 356380	47.90 4.55 -0.02	45.49 4.10 -0.01	45.02 3.76 0.00	44.82 3.66 0.00	46.00 3.91 0.00	48.07 4.17 0.00	65.39 4.79 0.00	81.34 4.82 0.00	60.50 5.00 0.00	54.82 4.71 0.00	50.70 4.61 0.00	48.92 4.24 0.00	48.62 4.58 -0.01	50.77 4.74 -0.02	59.14 4.88 -6.83	62.87 5.39 -1.89	76.08 6.91 -0.05	102.12 9.62 -0.05	89.85 8.39 -0.05	82.42 7.15 -3.72	70.50 6.11 -0.05	64.57 5.73 -2.14	58.29 4.95 -0.64	52.73 4.62 -0.02
WOODARD___115KV_TB2 355635	43.07 -0.26 0.00	41.14 -0.25 0.00	40.98 -0.29 0.00	40.83 -0.33 0.00	41.83 -0.25 0.00	43.64 -0.26 0.00	60.18 -0.42 0.00	75.98 -0.54 0.00	55.17 -0.33 0.00	49.86 -0.25 0.00	45.91 -0.18 0.00	44.45 -0.22 0.00	43.77 -0.26 0.00	45.83 -0.18 0.00	47.13 -0.28 0.00	55.26 -0.33 0.00	68.64 -0.48 0.00	91.71 -0.74 0.00	80.77 -0.65 0.00	70.97 -0.57 0.00	63.82 -0.51 0.00	56.03 -0.68 0.00	52.12 -0.58 0.00	47.62 -0.48 0.00
WOODMERE_69_KV_BK1 55827	47.25 3.90 -0.01	45.03 3.64 -0.01	44.65 3.38 0.00	44.45 3.29 0.00	45.49 3.41 0.00	47.55 3.64 0.00	64.97 4.36 0.00	81.18 4.67 0.00	60.00 4.50 0.00	54.42 4.31 0.00	50.38 4.29 0.00	48.69 4.02 0.00	48.31 4.27 -0.01	50.30 4.28 -0.01	57.65 4.13 -6.10	60.50 4.45 -0.47	75.14 6.01 -0.01	100.79 8.32 -0.01	88.67 7.25 -0.01	77.71 6.15 -0.01	69.68 5.34 -0.01	61.53 4.82 -0.01	57.18 3.95 -0.53	51.96 3.85 -0.01
YORK___WARBASSE 23770	46.20 2.86 -0.01	43.99 2.61 0.00	43.74 2.48 0.00	43.59 2.43 0.00	44.40 2.31 0.00	46.36 2.46 0.00	64.24 3.64 0.00	80.49 3.98 0.00	58.44 2.94 0.00	53.37 3.26 0.00	49.27 3.18 0.00	47.82 3.13 -0.02	47.41 3.21 -0.16	49.09 3.08 0.00	50.71 3.27 -0.02	58.59 3.00 0.00	72.37 3.25 0.00	97.08 4.62 0.00	85.41 3.99 0.00	74.84 3.29 0.00	67.10 2.77 0.00	59.49 2.78 0.00	55.75 3.06 0.00	50.75 2.65 -0.01