

Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion										
Generator Data		03/07/2025																										
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	46.60	43.53	43.72	43.70	45.07	49.74	66.48	68.24	56.36	46.64	44.41	41.03	40.61	40.18	40.17	43.06	50.32	65.07	74.56	67.65	60.84	55.50	50.25	47.70			
		2.93	2.69	2.63	2.59	2.71	2.95	4.47	4.64	3.98	3.69	3.33	3.07	2.94	2.91	2.84	2.93	3.51	4.31	4.75	4.19	3.61	3.39	2.75	2.23			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
74TH STREET_GT_1 24260	EST	46.69	43.65	43.88	43.82	45.19	49.84	66.42	68.30	56.42	46.60	44.45	41.07	40.65	40.25	40.21	43.30	50.46	65.43	74.70	67.77	60.95	55.61	50.40	47.84			
		3.01	2.82	2.79	2.71	2.84	3.04	4.40	4.71	4.03	3.65	3.37	3.11	2.98	2.98	2.87	3.17	3.65	4.68	4.89	4.32	3.72	3.49	2.90	2.36			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
74TH STREET_GT_2 24261	EST	46.69	43.65	43.88	43.82	45.19	49.84	66.42	68.30	56.42	46.60	44.45	41.07	40.65	40.25	40.21	43.30	50.46	65.43	74.70	67.77	60.95	55.61	50.40	47.84			
		3.01	2.82	2.79	2.71	2.84	3.04	4.40	4.71	4.03	3.65	3.37	3.11	2.98	2.98	2.87	3.17	3.65	4.68	4.89	4.32	3.72	3.49	2.90	2.36			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK HUDSON___FALLS 24011	EST	47.61	44.68	44.86	44.97	46.29	51.33	68.34	69.83	56.94	46.51	44.28	40.47	40.09	39.62	39.76	43.14	50.88	65.92	75.75	68.60	61.98	56.34	51.16	49.11			
		3.93	3.84	3.78	3.86	3.94	4.54	6.33	6.23	4.56	3.56	3.20	2.51	2.41	2.35	2.43	3.01	4.07	5.16	5.93	5.14	4.75	4.22	3.66	3.64			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	47.91	44.96	45.11	45.26	46.63	51.66	68.84	70.41	57.30	46.81	44.53	40.62	40.24	39.73	39.91	43.22	51.11	66.28	76.31	69.04	62.39	56.70	51.44	49.38			
		4.24	4.12	4.03	4.15	4.28	4.87	6.82	6.81	4.92	3.87	3.45	2.66	2.56	2.46	2.57	3.09	4.30	5.53	6.49	5.59	5.15	4.59	3.94	3.91			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	47.61	44.68	44.86	44.97	46.29	51.33	68.34	69.83	56.94	46.51	44.28	40.47	40.09	39.62	39.76	43.14	50.88	65.92	75.75	68.60	61.98	56.34	51.16	49.11			
		3.93	3.84	3.78	3.86	3.94	4.54	6.33	6.23	4.56	3.56	3.20	2.51	2.41	2.35	2.43	3.01	4.07	5.16	5.93	5.14	4.75	4.22	3.66	3.64			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	46.39	43.37	43.63	43.65	44.98	49.65	65.73	67.29	55.58	45.57	43.50	40.05	39.71	39.32	39.38	42.34	49.52	64.15	73.23	66.44	59.98	54.72	49.87	47.79			
		2.71	2.53	2.55	2.55	2.63	2.85	3.72	3.69	3.20	2.62	2.42	2.09	2.03	2.05	2.05	2.21	2.71	3.40	3.42	2.98	2.75	2.60	2.37	2.32			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	45.64	42.76	42.98	43.00	44.35	48.95	64.80	66.33	54.58	44.79	42.81	39.44	39.11	38.69	38.75	41.74	48.77	63.43	72.60	65.93	59.46	54.20	49.35	47.25			
		1.97	1.92	1.89	1.89	1.99	2.15	2.79	2.73	2.20	1.85	1.73	1.48	1.43	1.42	1.42	1.61	1.97	2.67	2.79	2.47	2.23	2.08	1.85	1.77			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	43.10	40.22	40.55	40.57	41.85	46.14	61.15	62.90	51.75	42.30	40.42	37.43	37.11	36.67	36.81	39.57	46.20	60.21	69.32	63.14	56.89	51.59	47.21	45.06			
		-0.57	-0.61	-0.53	-0.53	-0.51	-0.66	-0.87	-0.70	-0.63	-0.64	-0.66	-0.53	-0.57	-0.60	-0.52	-0.56	-0.61	-0.55	-0.49	-0.32	-0.34	-0.52	-0.28	-0.41			
		0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	45.95	43.04	43.30	43.36	44.68	49.27	65.24	66.59	54.53	44.67	42.56	39.18	38.84	38.46	38.56	41.54	48.77	63.73	73.16	66.38	59.98	54.67	49.73	47.75			
		2.27	2.20	2.22	2.26	2.33	2.48	3.22	2.99	2.15	1.72	1.48	1.21	1.17	1.19	1.23	1.40	1.97	2.98	3.35	2.92	2.75	2.55	2.23	2.27			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	45.95	43.04	43.30	43.32	44.64	49.27	65.24	66.59	54.53	44.67	42.56	39.18	38.84	38.46	38.56	41.54	48.77	63.67	73.16	66.38	59.92	54.62	49.73	47.70			
		2.27	2.20	2.22	2.22	2.29	2.48	3.22	2.99	2.15	1.72	1.48	1.21	1.17	1.19	1.23	1.40	1.97	2.92	3.35	2.92	2.69	2.50	2.23	2.23			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	45.64	42.76	42.98	43.00	44.35	48.95	64.80	66.33	54.58	44.79	42.81	39.44	39.11	38.69	38.75	41.74	48.77	63.43	72.60	65.93	59.46	54.20	49.35	47.25			
		1.97	1.92	1.89	1.89	1.99	2.15	2.79	2.73	2.20	1.85	1.73	1.48	1.43	1.42	1.42	1.61	1.97	2.67	2.79	2.47	2.23	2.08	1.85	1.77			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	45.64 1.97 0.00	42.76 1.92 0.00	42.98 1.89 0.00	43.00 1.89 0.00	44.35 1.99 0.00	48.95 2.15 0.00	64.80 2.79 0.00	66.33 2.73 0.00	54.58 2.20 0.00	44.79 1.85 0.00	42.81 1.73 0.00	39.44 1.48 0.00	39.11 1.43 0.00	38.69 1.42 0.00	38.75 1.42 0.00	41.74 1.61 0.00	48.77 1.97 0.00	63.43 2.67 0.00	72.60 2.79 0.00	65.93 2.47 0.00	59.46 2.23 0.00	54.20 2.08 0.00	49.35 1.85 0.00	47.25 1.77 0.00
ALBANY___3 23573	45.64 1.97 0.00	42.76 1.92 0.00	42.98 1.89 0.00	43.00 1.89 0.00	44.35 1.99 0.00	48.95 2.15 0.00	64.80 2.79 0.00	66.33 2.73 0.00	54.58 2.20 0.00	44.79 1.85 0.00	42.81 1.73 0.00	39.44 1.48 0.00	39.11 1.43 0.00	38.69 1.42 0.00	38.75 1.42 0.00	41.74 1.61 0.00	48.77 1.97 0.00	63.43 2.67 0.00	72.60 2.79 0.00	65.93 2.47 0.00	59.46 2.23 0.00	54.20 2.08 0.00	49.35 1.85 0.00	47.25 1.77 0.00
ALBANY___4 23574	45.64 1.97 0.00	42.76 1.92 0.00	42.98 1.89 0.00	43.00 1.89 0.00	44.35 1.99 0.00	48.95 2.15 0.00	64.80 2.79 0.00	66.33 2.73 0.00	54.58 2.20 0.00	44.79 1.85 0.00	42.81 1.73 0.00	39.44 1.48 0.00	39.11 1.43 0.00	38.69 1.42 0.00	38.75 1.42 0.00	41.74 1.61 0.00	48.77 1.97 0.00	63.43 2.67 0.00	72.60 2.79 0.00	65.93 2.47 0.00	59.46 2.23 0.00	54.20 2.08 0.00	49.35 1.85 0.00	47.25 1.77 0.00
ALBANY___LFGE 323615	46.25 2.58 0.00	43.29 2.45 0.00	43.55 2.46 0.00	43.57 2.47 0.00	44.90 2.54 0.00	49.55 2.76 0.00	65.67 3.66 0.00	67.29 3.69 0.00	55.37 2.98 0.00	45.48 2.53 0.00	43.42 2.34 0.00	39.90 1.93 0.00	39.56 1.88 0.00	39.13 1.86 0.00	39.20 1.87 0.00	42.22 2.09 0.00	49.43 2.62 0.00	63.79 3.04 0.00	73.09 3.28 0.00	66.25 2.79 0.00	59.81 2.58 0.00	54.51 2.40 0.00	49.59 2.09 0.00	47.52 2.05 0.00
ALCOA_PA_115KV_PL-6C 55860	43.19 -0.48 0.01	40.35 -0.49 0.00	40.63 -0.45 0.00	40.65 -0.45 0.00	41.93 -0.42 0.00	46.23 -0.56 0.00	61.27 -0.74 0.00	63.03 -0.57 0.00	51.86 -0.52 0.00	42.39 -0.56 0.00	40.51 -0.58 0.00	37.51 -0.46 0.00	37.18 -0.49 0.00	36.79 -0.48 0.00	36.88 -0.45 0.00	39.65 -0.48 0.00	46.34 -0.47 0.00	60.39 -0.36 0.00	69.60 -0.21 0.00	63.52 0.06 0.00	57.18 -0.06 0.00	51.91 -0.21 0.00	47.50 0.00 0.00	45.38 -0.09 0.00
ALCOA_RYNLDS___DRP 24188	43.19 -0.48 0.01	40.35 -0.49 0.00	40.63 -0.45 0.00	40.65 -0.45 0.00	41.93 -0.42 0.00	46.23 -0.56 0.00	61.27 -0.74 0.00	63.03 -0.57 0.00	51.86 -0.52 0.00	42.39 -0.56 0.00	40.51 -0.58 0.00	37.51 -0.46 0.00	37.18 -0.49 0.00	36.79 -0.48 0.00	36.88 -0.45 0.00	39.65 -0.48 0.00	46.34 -0.47 0.00	60.39 -0.36 0.00	69.60 -0.21 0.00	63.52 0.06 0.00	57.18 -0.06 0.00	51.91 -0.21 0.00	47.50 0.00 0.00	45.38 -0.09 0.00
ALCOA___DSASP 323711	43.19 -0.48 0.01	40.30 -0.53 0.00	40.63 -0.45 0.00	40.65 -0.45 0.00	41.93 -0.42 0.00	46.23 -0.56 0.00	61.27 -0.74 0.00	63.02 -0.57 0.00	51.86 -0.52 0.00	42.39 -0.56 0.00	40.51 -0.58 0.00	37.51 -0.45 0.00	37.18 -0.49 0.00	36.75 -0.52 0.00	36.89 -0.45 0.00	39.65 -0.48 0.00	46.34 -0.47 0.00	60.33 -0.42 0.00	69.60 -0.21 0.00	63.52 0.06 0.00	57.18 -0.06 0.00	51.91 -0.21 0.00	47.50 0.00 0.00	45.38 -0.09 0.00
ALLEGHENY___COGEN 23514	43.24 -0.44 0.00	40.39 -0.45 0.00	40.51 -0.58 0.00	40.53 -0.58 0.00	41.80 -0.55 0.00	46.79 0.00 0.00	62.14 0.12 0.00	62.65 -0.95 0.00	51.02 -1.36 0.00	41.15 -1.80 0.00	39.19 -1.89 0.00	36.18 -1.78 0.00	35.98 -1.69 0.00	35.56 -1.71 0.00	35.54 -1.79 0.00	38.57 -1.57 0.00	45.17 -1.64 0.00	58.93 -1.82 0.00	69.05 -0.77 0.00	63.33 -0.13 0.00	57.75 0.51 0.00	52.58 0.47 0.00	48.11 0.62 0.00	46.65 1.18 0.00
ALTAMONT_115KV_TB 2 55880	45.25 1.57 0.00	42.35 1.51 0.00	42.61 1.52 0.00	42.63 1.52 0.00	43.92 1.57 0.00	48.48 1.68 0.00	64.25 2.23 0.00	65.82 2.23 0.00	54.16 1.78 0.00	44.45 1.50 0.00	42.44 1.36 0.00	39.18 1.21 0.00	38.84 1.17 0.00	38.43 1.16 0.00	38.49 1.16 0.00	41.42 1.28 0.00	48.40 1.59 0.00	62.94 2.19 0.00	72.12 2.30 0.00	65.49 2.03 0.00	59.06 1.83 0.00	53.84 1.72 0.00	49.02 1.52 0.00	46.88 1.41 0.00
ALTONA_WT_PWR 323606	40.57 -3.10 0.01	37.82 -3.02 0.00	38.17 -2.92 0.00	38.27 -2.84 0.00	39.60 -2.75 0.00	43.61 -3.18 0.00	58.04 -3.97 0.00	59.72 -3.88 0.00	48.92 -3.46 0.00	39.81 -3.13 0.00	38.00 -3.08 0.00	35.19 -2.77 0.00	34.81 -2.86 0.00	34.40 -2.87 0.00	34.53 -2.80 0.00	37.16 -2.97 0.00	43.62 -3.18 0.00	57.41 -3.34 0.00	66.39 -3.42 0.00	60.85 -2.60 0.00	54.49 -2.75 0.00	49.09 -3.02 0.00	44.79 -2.71 0.00	42.79 -2.68 0.00
AMERICAN_REF_FUEL 24010	40.45 -3.23 0.00	37.86 -2.98 0.00	37.88 -3.20 0.00	37.90 -3.21 0.00	39.05 -3.30 0.00	43.52 -3.28 0.00	57.24 -4.77 0.00	57.24 -6.36 0.00	47.51 -4.87 0.00	38.91 -4.04 0.00	37.42 -3.66 0.00	34.66 -3.30 0.00	34.59 -3.09 0.00	34.29 -2.98 0.00	34.31 -3.02 0.00	37.08 -3.05 0.00	42.50 -4.31 0.00	54.43 -6.32 0.00	62.90 -6.91 0.00	57.30 -6.15 0.00	52.20 -5.04 0.00	47.84 -4.27 0.00	44.32 -3.18 0.00	43.56 -1.91 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	41.67 -2.01 0.00	39.00 -1.84 0.00	38.99 -2.09 0.00	38.93 -2.18 0.00	40.15 -2.20 0.00	44.74 -2.06 0.00	59.22 -2.79 0.00	59.21 -4.39 0.00	49.13 -3.25 0.00	39.98 -2.96 0.00	38.25 -2.83 0.00	35.30 -2.66 0.00	35.19 -2.49 0.00	34.85 -2.42 0.00	34.91 -2.43 0.00	37.85 -2.29 0.00	43.53 -3.28 0.00	56.38 -4.37 0.00	65.62 -4.19 0.00	60.16 -3.30 0.00	54.88 -2.35 0.00	50.34 -1.77 0.00	46.64 -0.85 0.00	45.79 0.32 0.00
ARTHUR KILL_GT_1 23520	61.24 3.19 -14.37	60.41 3.02 -16.55	60.42 2.96 -16.37	59.62 2.92 -15.60	59.63 3.05 -14.22	61.29 3.09 -11.41	66.04 4.03 0.00	68.41 4.52 -0.30	64.76 3.93 -8.44	64.73 3.65 -18.13	63.78 3.21 -19.50	63.73 2.92 -22.85	63.77 2.83 -23.27	64.68 2.80 -24.61	63.73 2.72 -23.68	64.68 2.97 -21.58	65.95 3.51 -15.63	66.48 4.31 -1.41	74.48 4.68 0.01	115.12 4.25 -47.41	66.47 3.61 -5.63	66.45 3.39 -10.95	64.74 2.85 -14.40	62.35 2.45 -14.42
ARTHUR_KILL_2 23512	61.15 3.10 -14.37	60.29 2.90 -16.55	60.29 2.83 -16.37	59.50 2.80 -15.60	59.50 2.92 -14.22	61.15 2.95 -11.41	65.86 3.85 0.00	68.23 4.33 -0.30	64.60 3.77 -8.44	64.60 3.52 -18.13	63.66 3.08 -19.50	63.66 2.85 -22.85	63.66 2.71 -23.27	64.60 2.72 -24.61	63.66 2.65 -23.68	64.60 2.89 -21.58	65.81 3.37 -15.63	66.30 4.13 -1.41	74.28 4.47 0.01	114.87 4.00 -47.41	66.30 3.43 -5.63	66.30 3.23 -10.95	64.60 2.71 -14.40	62.21 2.32 -14.42
ARTHUR_KILL_3 23513	60.57 2.53 -14.36	59.75 2.37 -16.55	59.71 2.26 -16.36	58.95 2.26 -15.59	58.90 2.33 -14.22	60.72 2.53 -11.40	65.67 3.66 0.00	67.85 3.94 -0.31	64.24 3.40 -8.45	64.35 3.26 -18.14	63.49 2.92 -19.49	63.50 2.70 -22.84	63.50 2.56 -23.26	64.44 2.57 -24.60	63.46 2.46 -23.67	64.25 2.53 -21.58	65.49 3.04 -15.64	65.82 3.64 -1.42	73.79 3.98 0.00	114.37 3.49 -47.42	65.91 3.03 -5.64	65.94 2.86 -10.96	64.21 2.33 -14.39	61.70 1.82 -14.41

ARTHUR_KILL_COGEN 323718	61.24 3.19 -14.37	60.41 3.02 -16.55	60.42 2.96 -16.37	59.62 2.92 -15.60	59.63 3.05 -14.22	61.29 3.09 -11.41	66.04 4.03 0.00	68.41 4.52 -0.30	64.76 3.93 -8.44	64.73 3.65 -18.13	63.78 3.21 -19.50	63.73 2.92 -22.85	63.77 2.83 -23.27	64.68 2.80 -24.61	63.73 2.72 -23.68	64.68 2.97 -21.58	65.95 3.51 -15.63	66.48 4.31 -1.41	74.48 4.68 0.01	115.12 4.25 -47.41	66.47 3.61 -5.63	66.45 3.39 -10.95	64.74 2.85 -14.40	62.35 2.45 -14.42
ASHOKAN____ 23654	46.65 2.97 0.00	43.69 2.86 0.00	43.88 2.80 0.00	43.78 2.67 0.00	45.19 2.84 0.00	49.83 3.04 0.00	66.42 4.40 0.00	67.67 4.07 0.00	55.10 2.72 0.00	44.97 2.02 0.00	42.60 1.52 0.00	39.29 1.33 0.00	38.92 1.24 0.00	38.54 1.27 0.00	38.67 1.34 0.00	41.58 1.44 0.00	49.05 2.25 0.00	64.27 3.52 0.00	74.07 4.26 0.00	67.27 3.81 0.00	60.67 3.43 0.00	55.24 3.13 0.00	50.20 2.71 0.00	48.06 2.59 0.00
ASTORIA_EAST_ENERGY_CC1 323581	46.39 2.71 -0.01	43.29 2.45 -0.01	43.48 2.38 -0.01	43.46 2.34 -0.01	44.77 2.41 0.00	49.27 2.48 0.00	65.42 3.41 0.00	67.48 3.88 0.00	55.73 3.36 0.01	46.25 3.31 0.01	44.13 3.04 -0.01	40.74 2.77 -0.01	40.36 2.68 -0.01	39.93 2.65 -0.01	39.95 2.61 -0.01	42.87 2.73 -0.01	50.03 3.23 0.00	64.70 3.95 0.00	73.86 4.05 0.00	67.20 3.74 0.00	60.44 3.20 0.00	55.19 3.07 0.00	49.97 2.47 0.00	47.47 2.00 0.00
ASTORIA_EAST_ENERGY_CC2 323582	46.39 2.71 -0.01	43.29 2.45 -0.01	43.48 2.38 -0.01	43.46 2.34 -0.01	44.77 2.41 0.00	49.27 2.48 0.00	65.42 3.41 0.00	67.48 3.88 0.00	55.73 3.36 0.01	46.25 3.31 0.01	44.13 3.04 -0.01	40.74 2.77 -0.01	40.36 2.68 -0.01	39.93 2.65 -0.01	39.95 2.61 -0.01	42.87 2.73 -0.01	50.03 3.23 0.00	64.70 3.95 0.00	73.86 4.05 0.00	67.20 3.74 0.00	60.44 3.20 0.00	55.19 3.07 0.00	49.97 2.47 0.00	47.47 2.00 0.00
ASTORIA_GT2_1 24094	46.39 2.71 -0.01	43.30 2.45 -0.01	43.48 2.38 -0.01	43.50 2.38 -0.01	44.81 2.46 0.00	49.32 2.53 0.00	65.49 3.47 0.00	67.48 3.88 0.00	55.73 3.35 0.00	46.16 3.22 0.01	44.13 3.04 -0.01	40.82 2.85 -0.01	40.36 2.67 -0.01	39.96 2.68 -0.01	39.95 2.61 -0.01	43.03 2.89 -0.01	50.08 3.28 0.00	64.88 4.13 0.00	73.93 4.12 0.00	67.20 3.74 0.00	60.44 3.21 0.00	55.19 3.07 0.00	50.02 2.52 0.00	47.47 2.00 0.00
ASTORIA_GT2_2 24095	46.39 2.71 -0.01	43.30 2.45 -0.01	43.48 2.38 -0.01	43.50 2.38 -0.01	44.81 2.46 0.00	49.32 2.53 0.00	65.49 3.47 0.00	67.48 3.88 0.00	55.73 3.35 0.00	46.16 3.22 0.01	44.13 3.04 -0.01	40.82 2.85 -0.01	40.36 2.67 -0.01	39.96 2.68 -0.01	39.95 2.61 -0.01	43.03 2.89 -0.01	50.08 3.28 0.00	64.88 4.13 0.00	73.93 4.12 0.00	67.20 3.74 0.00	60.44 3.21 0.00	55.19 3.07 0.00	50.02 2.52 0.00	47.47 2.00 0.00
ASTORIA_GT2_3 24096	46.39 2.71 -0.01	43.30 2.45 -0.01	43.48 2.38 -0.01	43.50 2.38 -0.01	44.81 2.46 0.00	49.32 2.53 0.00	65.49 3.47 0.00	67.48 3.88 0.00	55.73 3.35 0.00	46.16 3.22 0.01	44.13 3.04 -0.01	40.82 2.85 -0.01	40.36 2.67 -0.01	39.96 2.68 -0.01	39.95 2.61 -0.01	43.03 2.89 -0.01	50.08 3.28 0.00	64.88 4.13 0.00	73.93 4.12 0.00	67.20 3.74 0.00	60.44 3.21 0.00	55.19 3.07 0.00	50.02 2.52 0.00	47.47 2.00 0.00
ASTORIA_GT2_4 24097	46.39 2.71 -0.01	43.30 2.45 -0.01	43.48 2.38 -0.01	43.50 2.38 -0.01	44.81 2.46 0.00	49.32 2.53 0.00	65.49 3.47 0.00	67.48 3.88 0.00	55.73 3.35 0.00	46.16 3.22 0.01	44.13 3.04 -0.01	40.82 2.85 -0.01	40.36 2.67 -0.01	39.96 2.68 -0.01	39.95 2.61 -0.01	43.03 2.89 -0.01	50.08 3.28 0.00	64.88 4.13 0.00	73.93 4.12 0.00	67.20 3.74 0.00	60.44 3.21 0.00	55.19 3.07 0.00	50.02 2.52 0.00	47.47 2.00 0.00
ASTORIA_GT3_1 24098	46.39 2.71 -0.01	43.30 2.45 -0.01	43.48 2.38 -0.01	43.50 2.38 -0.01	44.81 2.46 0.00	49.32 2.53 0.00	65.49 3.47 0.00	67.48 3.88 0.00	55.73 3.35 0.00	46.16 3.22 0.01	44.13 3.04 -0.01	40.82 2.85 -0.01	40.36 2.67 -0.01	39.96 2.68 -0.01	39.95 2.61 -0.01	43.03 2.89 -0.01	50.08 3.28 0.00	64.88 4.13 0.00	73.93 4.12 0.00	67.20 3.74 0.00	60.44 3.21 0.00	55.19 3.07 0.00	50.02 2.52 0.00	47.47 2.00 0.00
ASTORIA_GT3_2 24099	46.39 2.71 -0.01	43.30 2.45 -0.01	43.48 2.38 -0.01	43.50 2.38 -0.01	44.81 2.46 0.00	49.32 2.53 0.00	65.49 3.47 0.00	67.48 3.88 0.00	55.73 3.35 0.00	46.16 3.22 0.01	44.13 3.04 -0.01	40.82 2.85 -0.01	40.36 2.67 -0.01	39.96 2.68 -0.01	39.95 2.61 -0.01	43.03 2.89 -0.01	50.08 3.28 0.00	64.88 4.13 0.00	73.93 4.12 0.00	67.20 3.74 0.00	60.44 3.21 0.00	55.19 3.07 0.00	50.02 2.52 0.00	47.47 2.00 0.00
ASTORIA_GT3_3 24100	46.39 2.71 -0.01	43.30 2.45 -0.01	43.48 2.38 -0.01	43.50 2.38 -0.01	44.81 2.46 0.00	49.32 2.53 0.00	65.49 3.47 0.00	67.48 3.88 0.00	55.73 3.35 0.00	46.16 3.22 0.01	44.13 3.04 -0.01	40.82 2.85 -0.01	40.36 2.67 -0.01	39.96 2.68 -0.01	39.95 2.61 -0.01	43.03 2.89 -0.01	50.08 3.28 0.00	64.88 4.13 0.00	73.93 4.12 0.00	67.20 3.74 0.00	60.44 3.21 0.00	55.19 3.07 0.00	50.02 2.52 0.00	47.47 2.00 0.00
ASTORIA_GT3_4 24101	46.39 2.71 -0.01	43.30 2.45 -0.01	43.48 2.38 -0.01	43.50 2.38 -0.01	44.81 2.46 0.00	49.32 2.53 0.00	65.49 3.47 0.00	67.48 3.88 0.00	55.73 3.35 0.00	46.16 3.22 0.01	44.13 3.04 -0.01	40.82 2.85 -0.01	40.36 2.67 -0.01	39.96 2.68 -0.01	39.95 2.61 -0.01	43.03 2.89 -0.01	50.08 3.28 0.00	64.88 4.13 0.00	73.93 4.12 0.00	67.20 3.74 0.00	60.44 3.21 0.00	55.19 3.07 0.00	50.02 2.52 0.00	47.47 2.00 0.00
ASTORIA_GT4_1 24102	46.39 2.71 -0.01	43.30 2.45 -0.01	43.48 2.38 -0.01	43.50 2.38 -0.01	44.81 2.46 0.00	49.32 2.53 0.00	65.49 3.47 0.00	67.48 3.88 0.00	55.73 3.35 0.00	46.16 3.22 0.01	44.13 3.04 -0.01	40.82 2.85 -0.01	40.36 2.67 -0.01	39.96 2.68 -0.01	39.95 2.61 -0.01	43.03 2.89 -0.01	50.08 3.28 0.00	64.88 4.13 0.00	73.93 4.12 0.00	67.20 3.74 0.00	60.44 3.21 0.00	55.19 3.07 0.00	50.02 2.52 0.00	47.47 2.00 0.00
ASTORIA_GT4_2 24103	46.39 2.71 -0.01	43.30 2.45 -0.01	43.48 2.38 -0.01	43.50 2.38 -0.01	44.81 2.46 0.00	49.32 2.53 0.00	65.49 3.47 0.00	67.48 3.88 0.00	55.73 3.35 0.00	46.16 3.22 0.01	44.13 3.04 -0.01	40.82 2.85 -0.01	40.36 2.67 -0.01	39.96 2.68 -0.01	39.95 2.61 -0.01	43.03 2.89 -0.01	50.08 3.28 0.00	64.88 4.13 0.00	73.93 4.12 0.00	67.20 3.74 0.00	60.44 3.21 0.00	55.19 3.07 0.00	50.02 2.52 0.00	47.47 2.00 0.00
ASTORIA_GT4_3 24104	46.39 2.71 -0.01	43.30 2.45 -0.01	43.48 2.38 -0.01	43.50 2.38 -0.01	44.81 2.46 0.00	49.32 2.53 0.00	65.49 3.47 0.00	67.48 3.88 0.00	55.73 3.35 0.00	46.16 3.22 0.01	44.13 3.04 -0.01	40.82 2.85 -0.01	40.36 2.67 -0.01	39.96 2.68 -0.01	39.95 2.61 -0.01	43.03 2.89 -0.01	50.08 3.28 0.00	64.88 4.13 0.00	73.93 4.12 0.00	67.20 3.74 0.00	60.44 3.21 0.00	55.19 3.07 0.00	50.02 2.52 0.00	47.47 2.00 0.00

ASTORIA_GT4_4 24105	46.39 2.71 -0.01	43.30 2.45 -0.01	43.48 2.38 -0.01	43.50 2.38 -0.01	44.81 2.46 0.00	49.32 2.53 0.00	65.49 3.47 0.00	67.48 3.88 0.00	55.73 3.35 0.00	46.16 3.22 0.01	44.13 3.04 -0.01	40.82 2.85 -0.01	40.36 2.67 -0.01	39.96 2.68 -0.01	39.95 2.61 -0.01	43.03 2.89 -0.01	50.08 3.28 0.00	64.88 4.13 0.00	73.93 4.12 0.00	67.20 3.74 0.00	60.44 3.21 0.00	55.19 3.07 0.00	50.02 2.52 0.00	47.47 2.00 0.00
ASTORIA_GT_1 23523	46.48 2.80 -0.01	43.38 2.53 -0.01	43.56 2.46 -0.01	43.54 2.42 -0.01	44.85 2.50 0.00	49.41 2.62 0.00	65.61 3.60 0.00	67.61 4.01 0.00	55.88 3.51 0.01	46.33 3.39 0.01	44.21 3.12 -0.01	40.85 2.88 -0.01	40.43 2.75 -0.01	40.04 2.76 -0.01	40.03 2.69 -0.01	42.95 2.81 -0.01	50.13 3.32 0.00	64.89 4.13 0.00	74.07 4.26 0.00	67.33 3.87 0.00	60.61 3.38 0.00	55.30 3.18 0.00	50.11 2.61 0.00	47.61 2.14 0.00
ASTORIA_GT_10 24110	46.74 3.06 -0.01	43.66 2.82 -0.01	43.80 2.71 -0.01	43.83 2.71 -0.01	45.19 2.84 0.00	49.70 2.90 0.00	65.98 3.97 0.00	68.05 4.45 0.00	56.21 3.82 0.00	47.17 3.56 -0.66	45.94 3.29 -1.57	44.68 3.04 -3.68	44.33 2.90 -3.75	44.15 2.91 -3.97	43.99 2.84 -3.82	44.05 3.13 -0.78	50.36 3.56 0.00	65.13 4.37 0.00	74.42 4.61 0.00	67.52 4.06 0.00	60.78 3.55 0.00	55.45 3.34 0.00	50.25 2.75 0.00	47.75 2.27 0.00
ASTORIA_GT_11 24225	46.74 3.06 -0.01	43.66 2.82 -0.01	43.80 2.71 -0.01	43.83 2.71 -0.01	45.19 2.84 0.00	49.70 2.90 0.00	65.98 3.97 0.00	68.05 4.45 0.00	56.21 3.82 0.00	47.17 3.56 -0.66	45.94 3.29 -1.57	44.68 3.04 -3.68	44.33 2.90 -3.75	43.99 2.91 -3.97	44.05 2.84 -3.82	44.05 3.13 -0.78	50.36 3.56 0.00	65.13 4.37 0.00	74.42 4.61 0.00	67.52 4.06 0.00	60.78 3.55 0.00	55.45 3.34 0.00	50.25 2.75 0.00	47.75 2.27 0.00
ASTORIA_GT_12 24226	46.74 3.06 -0.01	43.66 2.82 -0.01	43.80 2.71 -0.01	43.83 2.71 -0.01	45.19 2.84 0.00	49.70 2.90 0.00	65.98 3.97 0.00	68.05 4.45 0.00	56.21 3.82 0.00	47.17 3.56 -0.66	45.94 3.29 -1.57	44.68 3.04 -3.68	44.33 2.90 -3.75	43.99 2.91 -3.97	44.05 2.84 -3.82	44.05 3.13 -0.78	50.36 3.56 0.00	65.13 4.37 0.00	74.42 4.61 0.00	67.52 4.06 0.00	60.78 3.55 0.00	55.45 3.34 0.00	50.25 2.75 0.00	47.75 2.27 0.00
ASTORIA_GT_13 24227	46.74 3.06 -0.01	43.66 2.82 -0.01	43.80 2.71 -0.01	43.83 2.71 -0.01	45.19 2.84 0.00	49.70 2.90 0.00	65.98 3.97 0.00	68.05 4.45 0.00	56.21 3.82 0.00	47.17 3.56 -0.66	45.94 3.29 -1.57	44.68 3.04 -3.68	44.33 2.90 -3.75	43.99 2.91 -3.97	44.05 2.84 -3.82	44.05 3.13 -0.78	50.36 3.56 0.00	65.13 4.37 0.00	74.42 4.61 0.00	67.52 4.06 0.00	60.78 3.55 0.00	55.45 3.34 0.00	50.25 2.75 0.00	47.75 2.27 0.00
ASTORIA_GT_5 24106	46.48 2.80 -0.01	43.38 2.53 -0.01	43.52 2.42 -0.01	43.54 2.43 -0.01	44.90 2.54 0.00	49.41 2.62 0.00	65.61 3.60 0.00	67.61 4.01 0.00	55.84 3.46 0.00	46.25 3.31 0.01	44.21 3.12 -0.01	40.85 2.89 -0.01	40.43 2.75 -0.01	40.04 2.76 -0.01	40.03 2.69 -0.01	43.11 2.97 -0.01	50.18 3.37 0.00	65.00 4.25 0.00	74.07 4.26 0.00	67.33 3.87 0.00	60.55 3.32 0.00	55.29 3.18 0.00	50.11 2.61 0.00	47.56 2.09 0.00
ASTORIA_GT_7 24107	46.48 2.80 -0.01	43.38 2.53 -0.01	43.52 2.42 -0.01	43.54 2.43 -0.01	44.90 2.54 0.00	49.41 2.62 0.00	65.61 3.60 0.00	67.61 4.01 0.00	55.84 3.46 0.00	46.25 3.31 0.01	44.21 3.12 -0.01	40.85 2.89 -0.01	40.43 2.75 -0.01	40.04 2.76 -0.01	40.03 2.69 -0.01	43.11 2.97 -0.01	50.18 3.37 0.00	65.00 4.25 0.00	74.07 4.26 0.00	67.33 3.87 0.00	60.55 3.32 0.00	55.29 3.18 0.00	50.11 2.61 0.00	47.56 2.09 0.00
ASTORIA_GT_8 24108	46.48 2.80 -0.01	43.38 2.53 -0.01	43.52 2.42 -0.01	43.54 2.43 -0.01	44.90 2.54 0.00	49.41 2.62 0.00	65.61 3.60 0.00	67.61 4.01 0.00	55.84 3.46 0.00	46.25 3.31 0.01	44.21 3.12 -0.01	40.85 2.89 -0.01	40.43 2.75 -0.01	40.04 2.76 -0.01	40.03 2.69 -0.01	43.11 2.97 -0.01	50.18 3.37 0.00	65.00 4.25 0.00	74.07 4.26 0.00	67.33 3.87 0.00	60.55 3.32 0.00	55.29 3.18 0.00	50.11 2.61 0.00	47.56 2.09 0.00
ASTORIA___2 24149	46.39 2.71 -0.01	43.29 2.45 -0.01	43.48 2.38 -0.01	43.46 2.34 -0.01	44.81 2.46 0.00	49.32 2.53 0.00	65.48 3.47 0.00	67.48 3.88 0.00	55.78 3.40 0.01	46.25 3.31 0.01	44.13 3.04 -0.01	40.78 2.81 -0.01	40.36 2.68 -0.01	39.96 2.69 -0.01	39.95 2.61 -0.01	42.87 2.73 -0.01	50.03 3.23 0.00	64.76 4.01 0.00	73.93 4.12 0.00	67.20 3.74 0.00	60.49 3.26 0.00	55.19 3.07 0.00	50.01 2.52 0.00	47.52 2.05 0.00
ASTORIA___3 23516	46.74 3.06 -0.01	43.66 2.82 -0.01	43.80 2.71 -0.01	43.83 2.71 -0.01	45.15 2.79 0.00	49.70 2.90 0.00	65.99 3.97 0.00	68.05 4.45 0.00	56.20 3.82 0.00	47.25 3.65 -0.66	45.94 3.29 -1.57	44.68 3.04 -3.68	44.33 2.90 -3.75	44.15 2.91 -3.97	43.98 2.84 -3.82	43.89 2.97 -0.78	50.32 3.51 0.00	65.00 4.25 0.00	74.42 4.61 0.00	67.52 4.06 0.00	60.78 3.55 0.00	55.45 3.34 0.00	50.25 2.75 0.00	47.79 2.32 0.00
ASTORIA___4 23517	46.74 3.06 -0.01	43.66 2.82 -0.01	43.80 2.71 -0.01	43.83 2.71 -0.01	45.19 2.84 0.00	49.70 2.90 0.00	65.98 3.97 0.00	68.05 4.45 0.00	56.21 3.82 0.00	47.17 3.56 -0.66	45.94 3.29 -1.57	44.68 3.04 -3.68	44.33 2.90 -3.75	43.99 2.91 -3.97	44.05 2.84 -3.82	44.05 3.13 -0.78	50.36 3.56 0.00	65.13 4.37 0.00	74.42 4.61 0.00	67.52 4.06 0.00	60.78 3.55 0.00	55.45 3.34 0.00	50.25 2.75 0.00	47.75 2.27 0.00
ASTORIA___5 23518	46.74 3.06 -0.01	43.66 2.82 -0.01	43.80 2.71 -0.01	43.83 2.71 -0.01	45.15 2.79 0.00	49.70 2.90 0.00	65.99 3.97 0.00	68.05 4.45 0.00	56.20 3.82 0.00	47.25 3.65 -0.66	45.94 3.29 -1.57	44.68 3.04 -3.68	44.33 2.90 -3.75	43.98 2.91 -3.97	43.89 2.84 -3.82	43.89 2.97 -0.78	50.32 3.51 0.00	65.00 4.25 0.00	74.42 4.61 0.00	67.52 4.06 0.00	60.78 3.55 0.00	55.45 3.34 0.00	50.25 2.75 0.00	47.79 2.32 0.00
AST_ENERGY_2_CC3 323677	46.47 2.80 0.00	43.45 2.62 0.00	43.59 2.51 0.00	43.61 2.51 0.00	44.94 2.58 0.00	49.60 2.81 0.00	66.04 4.03 0.00	67.93 4.33 0.00	56.10 3.72 0.00	46.42 3.48 0.00	44.24 3.16 0.00	40.84 2.88 0.00	40.46 2.79 0.00	40.03 2.76 0.00	40.02 2.69 0.00	42.90 2.77 0.00	50.13 3.32 0.00	64.82 4.07 0.00	74.21 4.40 0.00	67.39 3.94 0.00	60.67 3.43 0.00	55.30 3.18 0.00	50.11 2.61 0.00	47.61 2.14 0.00
AST_ENERGY_2_CC4 323678	46.47 2.80 0.00	43.45 2.62 0.00	43.59 2.51 0.00	43.61 2.51 0.00	44.94 2.58 0.00	49.60 2.81 0.00	66.04 4.03 0.00	67.93 4.33 0.00	56.10 3.72 0.00	46.42 3.48 0.00	44.24 3.16 0.00	40.84 2.88 0.00	40.46 2.79 0.00	40.03 2.76 0.00	40.02 2.69 0.00	42.90 2.77 0.00	50.13 3.32 0.00	64.82 4.07 0.00	74.21 4.40 0.00	67.39 3.94 0.00	60.67 3.43 0.00	55.30 3.18 0.00	50.11 2.61 0.00	47.61 2.14 0.00

ATHENS_STG_1 23668	45.34	42.39	42.69	42.67	44.01	48.48	64.37	65.95	54.42	44.75	42.68	39.44	39.11	38.69	38.75	41.58	48.59	63.00	72.19	65.55	59.12	53.89	49.02	46.79
	1.66	1.55	1.60	1.56	1.65	1.68	2.36	2.35	2.04	1.80	1.60	1.48	1.43	1.42	1.42	1.44	1.78	2.25	2.37	2.09	1.89	1.77	1.52	1.32
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ATHENS_STG_2 23670	45.34	42.39	42.69	42.67	44.01	48.48	64.37	65.95	54.42	44.75	42.68	39.44	39.11	38.69	38.75	41.58	48.59	63.00	72.19	65.55	59.12	53.89	49.02	46.79
	1.66	1.55	1.60	1.56	1.65	1.68	2.36	2.35	2.04	1.80	1.60	1.48	1.43	1.42	1.42	1.44	1.78	2.25	2.37	2.09	1.89	1.77	1.52	1.32
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ATHENS_STG_3 23677	45.34	42.39	42.69	42.67	44.01	48.48	64.37	65.95	54.42	44.75	42.68	39.44	39.11	38.69	38.75	41.58	48.59	63.00	72.19	65.55	59.12	53.89	49.02	46.79
	1.66	1.55	1.60	1.56	1.65	1.68	2.36	2.35	2.04	1.80	1.60	1.48	1.43	1.42	1.42	1.44	1.78	2.25	2.37	2.09	1.89	1.77	1.52	1.32
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AUBURN___LFGE 323710	43.33	40.47	40.67	40.69	41.93	46.61	62.01	63.34	52.17	42.60	40.79	37.73	37.56	37.12	37.11	39.93	46.53	60.14	69.53	63.21	57.12	52.01	47.36	45.47
	-0.35	-0.37	-0.41	-0.41	-0.42	-0.19	0.00	-0.25	-0.21	-0.34	-0.29	-0.23	-0.11	-0.15	-0.22	-0.20	-0.28	-0.61	-0.28	-0.25	-0.11	-0.10	-0.14	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BABYLON_RES_REC 323704	47.21	44.06	44.08	44.23	45.66	50.54	66.42	68.05	56.94	46.94	44.61	41.23	40.58	40.07	40.28	43.63	51.11	65.13	75.33	67.90	61.07	56.41	51.32	48.39
	3.54	3.23	3.00	3.12	3.31	3.74	4.40	4.45	4.55	3.99	3.53	3.27	2.90	2.80	2.95	3.49	3.84	4.38	5.51	4.44	3.84	4.27	3.37	2.91
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.46	0.00	0.00	0.00	0.00	-0.02	-0.45	0.00
BABYLON__69_KV_BK2 356345	47.78	44.68	44.70	44.76	46.38	51.19	67.35	69.13	57.52	47.37	45.11	41.76	40.99	40.55	40.69	44.27	51.49	66.52	76.51	68.92	61.81	57.18	51.71	48.88
	4.11	3.84	3.62	3.66	4.02	4.40	5.33	5.53	5.13	4.42	4.03	3.80	3.32	3.28	3.36	4.13	4.26	5.77	6.70	5.46	4.58	5.06	3.80	3.41
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.42	0.00	0.00	0.00	0.00	-0.01	-0.41	0.00
BALL_HILL_WT_PWR 323825	42.06	39.33	39.36	39.38	40.58	45.20	59.78	59.78	49.55	40.50	38.78	35.87	35.79	35.45	35.47	38.37	44.09	56.80	65.84	60.16	54.72	50.08	46.36	45.47
	-1.62	-1.51	-1.72	-1.72	-1.78	-1.59	-2.23	-3.81	-2.83	-2.45	-2.30	-2.09	-1.88	-1.83	-1.87	-1.76	-2.72	-3.95	-3.98	-3.30	-2.52	-2.03	-1.14	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARON_WINDS___WT_PWR 323822	41.80	39.08	39.24	39.30	40.54	45.11	59.84	60.42	49.50	40.33	38.49	35.53	35.41	34.96	35.02	37.73	44.05	57.17	66.46	60.85	55.35	50.55	46.41	45.11
	-1.88	-1.75	-1.85	-1.81	-1.82	-1.68	-2.17	-3.18	-2.88	-2.62	-2.59	-2.43	-2.26	-2.31	-2.31	-2.41	-2.76	-3.58	-3.35	-2.60	-1.89	-1.56	-1.09	-0.37
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARRETT_IC_1 23704	46.82	43.74	43.84	43.90	45.32	50.07	66.04	67.67	56.47	46.60	44.37	40.96	40.46	39.99	40.13	43.31	55.00	64.89	74.62	67.52	60.84	56.11	55.00	48.11
	3.15	2.90	2.75	2.80	2.96	3.27	4.03	4.07	4.09	3.65	3.29	3.00	2.79	2.72	2.80	3.17	3.79	4.13	4.81	4.06	3.61	3.86	3.27	2.64
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-4.40	0.00	0.00	0.00	0.00	-0.14	-4.23	0.00
BARRETT_IC_10 23701	46.82	43.74	43.84	43.90	45.32	50.07	66.04	67.67	56.47	46.60	44.37	40.96	40.46	39.99	40.13	43.31	55.00	64.89	74.62	67.52	60.84	56.11	55.00	48.11
	3.15	2.90	2.75	2.80	2.96	3.27	4.03	4.07	4.09	3.65	3.29	3.00	2.79	2.72	2.80	3.17	3.79	4.13	4.81	4.06	3.61	3.86	3.27	2.64
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-4.40	0.00	0.00	0.00	0.00	-0.14	-4.23	0.00
BARRETT_IC_11 23702	46.82	43.74	43.84	43.90	45.32	50.07	66.04	67.67	56.47	46.60	44.37	40.96	40.46	39.99	40.13	43.31	55.00	64.89	74.62	67.52	60.84	56.11	55.00	48.11
	3.15	2.90	2.75	2.80	2.96	3.27	4.03	4.07	4.09	3.65	3.29	3.00	2.79	2.72	2.80	3.17	3.79	4.13	4.81	4.06	3.61	3.86	3.27	2.64
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-4.40	0.00	0.00	0.00	0.00	-0.14	-4.23	0.00
BARRETT_IC_12 23703	46.82	43.74	43.84	43.90	45.32	50.07	66.04	67.67	56.47	46.60	44.37	40.96	40.46	39.99	40.13	43.31	55.00	64.89	74.62	67.52	60.84	56.11	55.00	48.11
	3.15	2.90	2.75	2.80	2.96	3.27	4.03	4.07	4.09	3.65	3.29	3.00	2.79	2.72	2.80	3.17	3.79	4.13	4.81	4.06	3.61	3.86	3.27	2.64
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-4.40	0.00	0.00	0.00	0.00	-0.14	-4.23	0.00
BARRETT_IC_2 23705	46.82	43.74	43.84	43.90	45.32	50.07	66.04	67.67	56.47	46.60	44.37	40.96	40.46	39.99	40.13	43.31	55.00	64.89	74.62	67.52	60.84	56.11	55.00	48.11
	3.15	2.90	2.75	2.80	2.96	3.27	4.03	4.07	4.09	3.65	3.29	3.00	2.79	2.72	2.80	3.17	3.79	4.13	4.81	4.06	3.61	3.86	3.27	2.64
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-4.40	0.00	0.00	0.00	0.00	-0.14	-4.23	0.00
BARRETT_IC_3 23706	46.82	43.74	43.84	43.90	45.32	50.07	66.04	67.67	56.47	46.60	44.37	40.96	40.46	39.99	40.13	43.31	55.00	64.89	74.62	67.52	60.84	56.11	55.00	48.11
	3.15	2.90	2.75	2.80	2.96	3.27	4.03	4.07	4.09	3.65	3.29	3.00	2.79	2.72	2.80	3.17	3.79	4.13	4.81	4.06	3.61	3.86	3.27	2.64
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-4.40	0.00	0.00	0.00	0.00	-0.14	-4.23	0.00
BARRETT_IC_4 23707	46.82	43.74	43.84	43.90	45.32	50.07	66.04	67.67	56.47	46.60	44.37	40.96	40.46	39.99	40.13	43.31	55.00	64.89	74.62	67.52	60.84	56.11	55.00	48.11
	3.15	2.90	2.75	2.80	2.96	3.27	4.03	4.07	4.09	3.65	3.29	3.00	2.79	2.72	2.80	3.17	3.79	4.13	4.81	4.06	3.61	3.86	3.27	2.64
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-4.40	0.00	0.00	0.00	0.00	-0.14	-4.23	0.00

BARRETT_IC_5 23708	46.82 3.15 0.00	43.74 2.90 0.00	43.84 2.75 0.00	43.90 2.80 0.00	45.32 2.96 0.00	50.07 3.27 0.00	66.04 4.03 0.00	67.67 4.07 0.00	56.47 4.09 0.00	46.60 3.65 0.00	44.37 3.29 0.00	40.96 3.00 0.00	40.46 2.79 0.00	39.99 2.72 0.00	40.13 2.80 0.00	43.31 3.17 -0.01	55.00 3.79 -4.40	64.89 4.13 0.00	74.62 4.81 0.00	67.52 4.06 0.00	60.84 3.61 0.00	56.11 3.86 -0.14	55.00 3.27 -4.23	48.11 2.64 0.00
BARRETT_IC_6 23709	46.82 3.15 0.00	43.74 2.90 0.00	43.84 2.75 0.00	43.90 2.80 0.00	45.32 2.96 0.00	50.07 3.27 0.00	66.04 4.03 0.00	67.67 4.07 0.00	56.47 4.09 0.00	46.60 3.65 0.00	44.37 3.29 0.00	40.96 3.00 0.00	40.46 2.79 0.00	39.99 2.72 0.00	40.13 2.80 0.00	43.31 3.17 -0.01	55.00 3.79 -4.40	64.89 4.13 0.00	74.62 4.81 0.00	67.52 4.06 0.00	60.84 3.61 0.00	56.11 3.86 -0.14	55.00 3.27 -4.23	48.11 2.64 0.00
BARRETT_IC_7 23710	46.82 3.14 0.00	43.82 2.98 0.00	43.88 2.79 0.00	43.90 2.80 0.00	45.40 3.05 0.00	50.07 3.28 0.00	66.04 4.03 0.00	67.80 4.20 0.00	56.42 4.03 0.00	46.51 3.56 0.00	44.37 3.29 0.00	41.04 3.07 0.00	40.46 2.79 0.00	40.07 2.80 0.00	40.13 2.80 0.00	43.46 3.33 0.00	55.05 3.84 -4.40	65.19 4.43 0.00	74.70 4.89 0.00	67.52 4.06 0.00	60.78 3.55 0.00	56.05 3.80 -0.13	54.99 3.28 -4.22	48.06 2.59 0.00
BARRETT_IC_8 23711	46.82 3.15 0.00	43.74 2.90 0.00	43.84 2.75 0.00	43.90 2.80 0.00	45.32 2.96 0.00	50.07 3.27 0.00	66.04 4.03 0.00	67.67 4.07 0.00	56.47 4.09 0.00	46.60 3.65 0.00	44.37 3.29 0.00	40.96 3.00 0.00	40.46 2.79 0.00	39.99 2.72 0.00	40.13 2.80 0.00	43.31 3.17 -0.01	55.00 3.79 -4.40	64.89 4.13 0.00	74.62 4.81 0.00	67.52 4.06 0.00	60.84 3.61 0.00	56.11 3.86 -0.14	55.00 3.27 -4.23	48.11 2.64 0.00
BARRETT_IC_9 23700	46.82 3.15 0.00	43.74 2.90 0.00	43.84 2.75 0.00	43.90 2.80 0.00	45.32 2.96 0.00	50.07 3.27 0.00	66.04 4.03 0.00	67.67 4.07 0.00	56.47 4.09 0.00	46.60 3.65 0.00	44.37 3.29 0.00	40.96 3.00 0.00	40.46 2.79 0.00	39.99 2.72 0.00	40.13 2.80 0.00	43.31 3.17 -0.01	55.00 3.79 -4.40	64.89 4.13 0.00	74.62 4.81 0.00	67.52 4.06 0.00	60.84 3.61 0.00	56.11 3.86 -0.14	55.00 3.27 -4.23	48.11 2.64 0.00
BARRETT___1 23545	46.82 3.15 0.00	43.74 2.90 0.00	43.84 2.75 0.00	43.90 2.80 0.00	45.32 2.96 0.00	50.07 3.27 0.00	66.04 4.03 0.00	67.67 4.07 0.00	56.47 4.09 0.00	46.60 3.65 0.00	44.37 3.29 0.00	40.96 3.00 0.00	40.46 2.79 0.00	39.99 2.72 0.00	40.13 2.80 0.00	43.31 3.17 -0.01	55.00 3.79 -4.40	64.89 4.13 0.00	74.62 4.81 0.00	67.52 4.06 0.00	60.84 3.61 0.00	56.11 3.86 -0.14	55.00 3.27 -4.23	48.11 2.64 0.00
BARRETT___2 23546	46.82 3.15 0.00	43.74 2.90 0.00	43.84 2.75 0.00	43.90 2.80 0.00	45.32 2.96 0.00	50.07 3.27 0.00	66.04 4.03 0.00	67.67 4.07 0.00	56.47 4.09 0.00	46.60 3.65 0.00	44.37 3.29 0.00	40.96 3.00 0.00	40.46 2.79 0.00	39.99 2.72 0.00	40.13 2.80 0.00	43.31 3.17 -0.01	55.00 3.79 -4.40	64.89 4.13 0.00	74.62 4.81 0.00	67.52 4.06 0.00	60.84 3.61 0.00	56.11 3.86 -0.14	55.00 3.27 -4.23	48.11 2.64 0.00
BATAVIA__115KV_TB1 55881	42.32 -1.35 0.00	39.53 -1.31 0.00	39.61 -1.48 0.00	39.63 -1.48 0.00	40.83 -1.52 0.00	45.67 -1.12 0.00	60.40 -1.61 0.00	60.86 -2.73 0.00	50.50 -1.89 0.00	41.01 -1.93 0.00	39.36 -1.73 0.00	36.29 -1.67 0.00	36.28 -1.39 0.00	35.93 -1.34 0.00	35.88 -1.46 0.00	38.77 -1.36 0.00	44.79 -2.01 0.00	57.41 -3.34 0.00	66.88 -2.93 0.00	60.98 -2.47 0.00	55.40 -1.83 0.00	50.60 -1.51 0.00	46.64 -0.85 0.00	45.61 0.14 0.00
BAYONEEC___CTG1 323682	46.39 2.71 0.00	43.37 2.53 0.00	43.51 2.42 0.00	43.53 2.42 0.00	44.85 2.50 0.00	49.51 2.71 0.00	65.92 3.91 0.00	67.86 4.26 0.00	56.05 3.67 0.00	46.38 3.44 0.00	44.16 3.08 0.00	40.77 2.81 0.00	40.39 2.71 0.00	39.96 2.69 0.00	39.94 2.61 0.00	42.86 2.73 0.00	50.03 3.23 0.00	64.70 3.95 0.00	74.07 4.26 0.00	67.27 3.81 0.00	60.55 3.32 0.00	55.24 3.13 0.00	50.06 2.56 0.00	47.52 2.05 0.00
BAYONEEC___CTG10 323750	46.39 2.71 0.00	43.37 2.53 0.00	43.51 2.42 0.00	43.53 2.42 0.00	44.85 2.50 0.00	49.51 2.71 0.00	65.92 3.91 0.00	67.86 4.26 0.00	56.05 3.67 0.00	46.38 3.44 0.00	44.16 3.08 0.00	40.77 2.81 0.00	40.39 2.71 0.00	39.96 2.69 0.00	39.94 2.61 0.00	42.86 2.73 0.00	50.03 3.23 0.00	64.70 3.95 0.00	74.07 4.26 0.00	67.27 3.81 0.00	60.55 3.32 0.00	55.24 3.13 0.00	50.06 2.56 0.00	47.52 2.05 0.00
BAYONEEC___CTG2 323683	46.39 2.71 0.00	43.37 2.53 0.00	43.51 2.42 0.00	43.53 2.42 0.00	44.85 2.50 0.00	49.51 2.71 0.00	65.92 3.91 0.00	67.86 4.26 0.00	56.05 3.67 0.00	46.38 3.44 0.00	44.16 3.08 0.00	40.77 2.81 0.00	40.39 2.71 0.00	39.96 2.69 0.00	39.94 2.61 0.00	42.86 2.73 0.00	50.03 3.23 0.00	64.70 3.95 0.00	74.07 4.26 0.00	67.27 3.81 0.00	60.55 3.32 0.00	55.24 3.13 0.00	50.06 2.56 0.00	47.52 2.05 0.00
BAYONEEC___CTG3 323684	46.39 2.71 0.00	43.37 2.53 0.00	43.51 2.42 0.00	43.53 2.42 0.00	44.85 2.50 0.00	49.51 2.71 0.00	65.92 3.91 0.00	67.86 4.26 0.00	56.05 3.67 0.00	46.38 3.44 0.00	44.16 3.08 0.00	40.77 2.81 0.00	40.39 2.71 0.00	39.96 2.69 0.00	39.94 2.61 0.00	42.86 2.73 0.00	50.03 3.23 0.00	64.70 3.95 0.00	74.07 4.26 0.00	67.27 3.81 0.00	60.55 3.32 0.00	55.24 3.13 0.00	50.06 2.56 0.00	47.52 2.05 0.00
BAYONEEC___CTG4 323685	46.39 2.71 0.00	43.37 2.53 0.00	43.51 2.42 0.00	43.53 2.42 0.00	44.85 2.50 0.00	49.51 2.71 0.00	65.92 3.91 0.00	67.86 4.26 0.00	56.05 3.67 0.00	46.38 3.44 0.00	44.16 3.08 0.00	40.77 2.81 0.00	40.39 2.71 0.00	39.96 2.69 0.00	39.94 2.61 0.00	42.86 2.73 0.00	50.03 3.23 0.00	64.70 3.95 0.00	74.07 4.26 0.00	67.27 3.81 0.00	60.55 3.32 0.00	55.24 3.13 0.00	50.06 2.56 0.00	47.52 2.05 0.00
BAYONEEC___CTG5 323686	46.39 2.71 0.00	43.37 2.53 0.00	43.51 2.42 0.00	43.53 2.42 0.00	44.85 2.50 0.00	49.51 2.71 0.00	65.92 3.91 0.00	67.86 4.26 0.00	56.05 3.67 0.00	46.38 3.44 0.00	44.16 3.08 0.00	40.77 2.81 0.00	40.39 2.71 0.00	39.96 2.69 0.00	39.94 2.61 0.00	42.86 2.73 0.00	50.03 3.23 0.00	64.70 3.95 0.00	74.07 4.26 0.00	67.27 3.81 0.00	60.55 3.32 0.00	55.24 3.13 0.00	50.06 2.56 0.00	47.52 2.05 0.00
BAYONEEC___CTG6 323687	46.39 2.71 0.00	43.37 2.53 0.00	43.51 2.42 0.00	43.53 2.42 0.00	44.85 2.50 0.00	49.51 2.71 0.00	65.92 3.91 0.00	67.86 4.26 0.00	56.05 3.67 0.00	46.38 3.44 0.00	44.16 3.08 0.00	40.77 2.81 0.00	40.39 2.71 0.00	39.96 2.69 0.00	39.94 2.61 0.00	42.86 2.73 0.00	50.03 3.23 0.00	64.70 3.95 0.00	74.07 4.26 0.00	67.27 3.81 0.00	60.55 3.32 0.00	55.24 3.13 0.00	50.06 2.56 0.00	47.52 2.05 0.00

BAYONEEC___CTG7 323688	46.39 2.71 0.00	43.37 2.53 0.00	43.51 2.42 0.00	43.53 2.42 0.00	44.85 2.50 0.00	49.51 2.71 0.00	65.92 3.91 0.00	67.86 4.26 0.00	56.05 3.67 0.00	46.38 3.44 0.00	44.16 3.08 0.00	40.77 2.81 0.00	40.39 2.71 0.00	39.96 2.69 0.00	39.94 2.61 0.00	42.86 2.73 0.00	50.03 3.23 0.00	64.70 3.95 0.00	74.07 4.26 0.00	67.27 3.81 0.00	60.55 3.32 0.00	55.24 3.13 0.00	50.06 2.56 0.00	47.52 2.05 0.00
BAYONEEC___CTG8 323689	46.39 2.71 0.00	43.37 2.53 0.00	43.51 2.42 0.00	43.53 2.42 0.00	44.85 2.50 0.00	49.51 2.71 0.00	65.92 3.91 0.00	67.86 4.26 0.00	56.05 3.67 0.00	46.38 3.44 0.00	44.16 3.08 0.00	40.77 2.81 0.00	40.39 2.71 0.00	39.96 2.69 0.00	39.94 2.61 0.00	42.86 2.73 0.00	50.03 3.23 0.00	64.70 3.95 0.00	74.07 4.26 0.00	67.27 3.81 0.00	60.55 3.32 0.00	55.24 3.13 0.00	50.06 2.56 0.00	47.52 2.05 0.00
BAYONEEC___CTG9 323749	46.39 2.71 0.00	43.37 2.53 0.00	43.51 2.42 0.00	43.53 2.42 0.00	44.85 2.50 0.00	49.51 2.71 0.00	65.92 3.91 0.00	67.86 4.26 0.00	56.05 3.67 0.00	46.38 3.44 0.00	44.16 3.08 0.00	40.77 2.81 0.00	40.39 2.71 0.00	39.96 2.69 0.00	39.94 2.61 0.00	42.86 2.73 0.00	50.03 3.23 0.00	64.70 3.95 0.00	74.07 4.26 0.00	67.27 3.81 0.00	60.55 3.32 0.00	55.24 3.13 0.00	50.06 2.56 0.00	47.52 2.05 0.00
BEACON___LESR 323632	46.17 2.49 0.00	43.25 2.41 0.00	43.47 2.38 0.00	43.49 2.38 0.00	44.81 2.46 0.00	49.51 2.71 0.00	65.67 3.66 0.00	67.22 3.62 0.00	55.26 2.88 0.00	45.31 2.36 0.00	43.22 2.13 0.00	39.75 1.78 0.00	39.45 1.77 0.00	39.02 1.75 0.00	39.09 1.76 0.00	42.10 1.97 0.00	49.33 2.53 0.00	64.27 3.52 0.00	73.72 3.91 0.00	66.82 3.36 0.00	60.32 3.09 0.00	54.98 2.86 0.00	49.97 2.47 0.00	47.93 2.45 0.00
BEAVER RIVER___HYD 24048	45.48 1.79 -0.01	42.10 1.27 0.00	42.32 1.23 0.00	42.50 1.40 0.00	43.88 1.52 0.00	48.71 1.92 0.00	64.62 2.60 0.00	65.95 2.35 0.00	53.59 1.21 0.00	43.16 0.22 0.00	41.16 0.08 0.00	37.92 -0.04 0.00	37.71 0.04 0.00	37.23 -0.04 0.00	37.44 0.11 0.00	40.38 0.24 0.00	47.41 0.61 0.00	61.97 1.21 0.00	70.86 1.05 0.00	64.60 1.14 0.00	58.20 0.97 0.00	52.95 0.83 0.00	48.30 0.81 0.00	46.16 0.68 0.00
BEEBEE_GT_13 23619	42.02 -1.66 0.00	39.29 -1.55 0.00	39.40 -1.68 0.00	39.42 -1.69 0.00	40.58 -1.78 0.00	45.25 -1.54 0.00	59.84 -2.17 0.00	60.74 -2.86 0.00	50.34 -2.04 0.00	41.10 -1.85 0.00	39.44 -1.64 0.00	36.44 -1.52 0.00	36.39 -1.28 0.00	36.00 -1.27 0.00	35.99 -1.34 0.00	38.77 -1.36 0.00	44.89 -1.92 0.00	57.65 -3.10 0.00	66.81 -3.00 0.00	60.79 -2.67 0.00	55.11 -2.12 0.00	50.24 -1.88 0.00	46.12 -1.38 0.00	44.75 -0.73 0.00
BENSHRST_27_KV_BENSHRST_1 355998	61.59 3.54 -14.37	60.66 3.27 -16.55	60.62 3.16 -16.37	59.87 3.17 -15.60	59.88 3.30 -14.22	61.66 3.46 -11.41	66.73 4.71 0.00	69.17 5.28 -0.30	65.28 4.45 -8.44	65.16 4.08 -18.13	65.16 3.74 -20.35	67.10 3.45 -25.69	67.15 3.32 -26.16	68.25 3.32 -27.67	67.20 3.25 -26.62	65.32 3.61 -21.58	66.60 4.17 -15.63	121.53 5.16 -55.61	115.85 5.58 -40.45	115.82 4.95 -47.41	115.79 4.29 -54.27	67.03 3.96 -10.95	65.27 3.37 -14.40	62.71 2.82 -14.42
BETHLEHEM___GRP 23843	45.64 1.97 0.00	42.76 1.92 0.00	42.98 1.89 0.00	43.00 1.89 0.00	44.35 1.99 0.00	48.95 2.15 0.00	64.80 2.79 0.00	66.33 2.73 0.00	54.58 2.20 0.00	44.79 1.85 0.00	42.81 1.73 0.00	39.44 1.48 0.00	39.11 1.43 0.00	38.69 1.42 0.00	38.75 1.42 0.00	41.74 1.61 0.00	48.77 1.97 0.00	63.43 2.67 0.00	72.60 2.79 0.00	65.93 2.47 0.00	59.46 2.23 0.00	54.20 2.08 0.00	49.35 1.85 0.00	47.25 1.77 0.00
BETHLEHEM___GS1 323560	45.64 1.97 0.00	42.76 1.92 0.00	42.98 1.89 0.00	43.00 1.89 0.00	44.35 1.99 0.00	48.95 2.15 0.00	64.81 2.79 0.00	66.33 2.73 0.00	54.63 2.25 0.00	44.88 1.93 0.00	42.81 1.73 0.00	39.44 1.48 0.00	39.11 1.43 0.00	38.69 1.42 0.00	38.75 1.42 0.00	41.66 1.52 0.00	48.77 1.97 0.00	63.36 2.61 0.00	72.61 2.80 0.00	65.93 2.47 0.00	59.46 2.23 0.00	54.20 2.09 0.00	49.35 1.85 0.00	47.29 1.82 0.00
BETHLEHEM___GS2 323561	45.64 1.97 0.00	42.76 1.92 0.00	42.98 1.89 0.00	43.00 1.89 0.00	44.35 1.99 0.00	48.95 2.15 0.00	64.81 2.79 0.00	66.33 2.73 0.00	54.63 2.25 0.00	44.88 1.93 0.00	42.81 1.73 0.00	39.44 1.48 0.00	39.11 1.43 0.00	38.69 1.42 0.00	38.75 1.42 0.00	41.66 1.52 0.00	48.77 1.97 0.00	63.36 2.61 0.00	72.61 2.80 0.00	65.93 2.47 0.00	59.46 2.23 0.00	54.20 2.09 0.00	49.35 1.85 0.00	47.29 1.82 0.00
BETHLEHEM___GS3 323562	45.64 1.97 0.00	42.76 1.92 0.00	42.98 1.89 0.00	43.00 1.89 0.00	44.35 1.99 0.00	48.95 2.15 0.00	64.81 2.79 0.00	66.33 2.73 0.00	54.63 2.25 0.00	44.88 1.93 0.00	42.81 1.73 0.00	39.44 1.48 0.00	39.11 1.43 0.00	38.69 1.42 0.00	38.75 1.42 0.00	41.66 1.52 0.00	48.77 1.97 0.00	63.36 2.61 0.00	72.61 2.80 0.00	65.93 2.47 0.00	59.46 2.23 0.00	54.20 2.09 0.00	49.35 1.85 0.00	47.29 1.82 0.00
BETHLEHEM___STEEL 23779	42.06 -1.62 0.00	39.29 -1.55 0.00	39.36 -1.73 0.00	39.38 -1.73 0.00	40.53 -1.82 0.00	45.20 -1.59 0.00	59.72 -2.29 0.00	59.72 -3.88 0.00	49.55 -2.83 0.00	40.41 -2.53 0.00	38.82 -2.26 0.00	35.80 -2.16 0.00	35.87 -1.81 0.00	35.48 -1.79 0.00	35.54 -1.79 0.00	38.37 -1.77 0.00	44.05 -2.76 0.00	56.38 -4.37 0.00	65.69 -4.12 0.00	59.97 -3.49 0.00	54.54 -2.69 0.00	49.98 -2.14 0.00	46.22 -1.28 0.00	45.52 0.05 0.00
BETHLHEM_115KV_TB1 79974	45.29 1.62 0.00	42.35 1.51 0.00	42.65 1.56 0.00	42.63 1.52 0.00	43.96 1.61 0.00	48.48 1.68 0.00	64.25 2.23 0.00	65.82 2.23 0.00	54.22 1.83 0.00	44.49 1.55 0.00	42.52 1.44 0.00	39.25 1.29 0.00	38.92 1.24 0.00	38.50 1.23 0.00	38.56 1.23 0.00	41.50 1.36 0.00	48.45 1.64 0.00	63.36 2.61 0.00	72.53 2.72 0.00	65.81 2.35 0.00	59.41 2.17 0.00	54.15 2.03 0.00	49.26 1.76 0.00	47.20 1.73 0.00
BETHPAGE_CC_5 323564	46.99 3.32 0.00	43.90 3.06 0.00	43.96 2.87 0.00	44.07 2.96 0.00	45.49 3.13 0.00	50.35 3.55 0.00	66.23 4.22 0.00	67.86 4.26 0.00	56.73 4.35 0.00	46.81 3.87 0.00	44.61 3.53 0.00	41.19 3.22 0.00	40.61 2.94 0.00	40.10 2.83 0.00	40.28 2.95 0.00	43.59 3.45 -0.01	51.27 3.88 -0.58	64.89 4.13 0.00	74.91 5.09 0.00	67.65 4.19 0.00	60.84 3.61 0.00	56.10 3.96 -0.03	51.30 3.23 -0.57	48.20 2.73 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	42.15 -1.53 0.00	39.37 -1.47 0.00	39.44 -1.64 0.00	39.46 -1.64 0.00	40.66 -1.69 0.00	45.34 -1.45 0.00	59.91 -2.11 0.00	59.85 -3.75 0.00	49.66 -2.72 0.00	40.50 -2.45 0.00	38.90 -2.18 0.00	35.84 -2.13 0.00	35.94 -1.73 0.00	35.56 -1.71 0.00	35.61 -1.72 0.00	38.45 -1.69 0.00	44.19 -2.62 0.00	56.50 -4.25 0.00	65.90 -3.91 0.00	60.16 -3.30 0.00	54.71 -2.52 0.00	50.14 -1.98 0.00	46.36 -1.14 0.00	45.65 0.18 0.00

BINGHAMTON___COGEN 23790	43.76 0.09 0.00	40.92 0.08 0.00	41.13 0.04 0.00	41.11 0.00 0.00	42.40 0.04 0.00	47.03 0.23 0.00	62.45 0.43 0.00	63.60 0.00 0.00	52.38 0.00 0.00	42.82 -0.13 0.00	40.92 -0.16 0.00	37.85 -0.11 0.00	37.64 -0.04 0.00	37.20 -0.07 0.00	37.26 -0.07 0.00	40.09 -0.04 0.00	46.71 -0.09 0.00	60.45 -0.30 0.00	69.81 0.00 0.00	63.59 0.13 0.00	57.40 0.17 0.00	52.32 0.21 0.00	47.74 0.24 0.00	45.97 0.50 0.00
BIXINCNT_115KV_LOAD 355685	40.79 -2.88 0.00	38.18 -2.65 0.00	38.37 -2.71 0.00	38.43 -2.67 0.00	39.81 -2.54 0.00	44.36 -2.43 0.00	58.79 -3.22 0.00	59.08 -4.52 0.00	48.87 -3.51 0.00	39.68 -3.26 0.00	38.08 -3.00 0.00	34.89 -3.07 0.00	34.92 -2.75 0.00	34.55 -2.72 0.00	34.57 -2.76 0.00	37.44 -2.69 0.00	43.34 -3.46 0.00	55.59 -5.16 0.00	65.06 -4.75 0.00	59.59 -3.87 0.00	54.37 -2.86 0.00	49.87 -2.24 0.00	46.22 -1.28 0.00	45.61 0.14 0.00
BLACK RIVER___HYD 24047	45.70 2.01 -0.01	42.27 1.43 0.00	42.48 1.40 0.00	42.67 1.56 0.00	44.01 1.65 0.00	49.13 2.34 0.00	65.36 3.35 0.00	66.59 2.99 0.00	54.01 1.63 0.00	43.46 0.52 0.00	41.45 0.37 0.00	38.11 0.15 0.00	37.97 0.30 0.00	37.50 0.22 0.00	37.67 0.34 0.00	40.74 0.60 0.00	47.74 0.94 0.00	62.21 1.46 0.00	71.76 1.95 0.00	65.49 2.03 0.00	59.12 1.89 0.00	53.73 1.62 0.00	48.88 1.38 0.00	46.74 1.27 0.00
BLACKRVR_115KV_TB2 79977	45.70 2.01 -0.01	42.27 1.43 0.00	42.48 1.40 0.00	42.67 1.56 0.00	44.01 1.65 0.00	49.13 2.34 0.00	65.36 3.35 0.00	66.59 2.99 0.00	54.06 1.68 0.00	43.51 0.56 0.00	41.45 0.37 0.00	38.11 0.15 0.00	37.98 0.30 0.00	37.49 0.22 0.00	37.67 0.34 0.00	40.70 0.56 0.00	47.70 0.89 0.00	62.15 1.40 0.00	71.77 1.95 0.00	65.49 2.03 0.00	59.12 1.89 0.00	53.78 1.67 0.00	48.88 1.38 0.00	46.79 1.32 0.00
BLISS_WT_PWR 323608	40.23 -3.45 0.00	37.69 -3.14 0.00	37.92 -3.16 0.00	37.98 -3.13 0.00	39.43 -2.92 0.00	43.89 -2.90 0.00	58.17 -3.84 0.00	58.57 -5.03 0.00	48.45 -3.93 0.00	39.38 -3.56 0.00	37.71 -3.37 0.00	34.62 -3.34 0.00	34.55 -3.13 0.00	34.22 -3.06 0.00	34.16 -3.17 0.00	37.08 -3.05 0.00	43.02 -3.79 0.00	55.47 -5.29 0.00	64.57 -5.24 0.00	59.08 -4.38 0.00	54.08 -3.15 0.00	49.56 -2.55 0.00	45.98 -1.52 0.00	45.34 -0.14 0.00
BLUESTONE___WT_PWR 323821	45.99 2.31 0.00	42.76 1.92 0.00	42.94 1.85 0.00	43.08 1.97 0.00	44.43 2.07 0.00	49.70 2.90 0.00	66.29 4.28 0.00	67.61 4.01 0.00	55.37 2.98 0.00	44.84 1.89 0.00	42.68 1.60 0.00	39.33 1.36 0.00	39.22 1.55 0.00	38.76 1.49 0.00	38.94 1.60 0.00	42.06 1.93 0.00	49.29 2.48 0.00	64.40 3.64 0.00	74.70 4.89 0.00	67.90 4.44 0.00	61.18 3.95 0.00	55.61 3.49 0.00	50.58 3.09 0.00	48.61 3.14 0.00
BLUE_CIRC_CHEM_DRP 24182	45.60 1.92 0.00	42.67 1.84 0.00	42.98 1.89 0.00	43.00 1.89 0.00	44.30 1.95 0.00	48.85 2.06 0.00	64.68 2.67 0.00	66.14 2.54 0.00	54.32 1.94 0.00	44.49 1.55 0.00	42.52 1.44 0.00	39.18 1.21 0.00	38.84 1.17 0.00	38.43 1.16 0.00	38.53 1.19 0.00	41.50 1.36 0.00	48.59 1.78 0.00	63.30 2.55 0.00	72.53 2.72 0.00	65.87 2.41 0.00	59.46 2.23 0.00	54.20 2.08 0.00	49.35 1.85 0.00	47.29 1.82 0.00
BOC_GAS_DRP 24189	45.16 1.49 0.00	42.23 1.39 0.00	42.52 1.44 0.00	42.50 1.40 0.00	43.84 1.48 0.00	48.34 1.54 0.00	64.06 2.05 0.00	65.63 2.04 0.00	54.06 1.68 0.00	44.36 1.42 0.00	42.40 1.31 0.00	39.14 1.18 0.00	38.80 1.13 0.00	38.43 1.16 0.00	38.45 1.12 0.00	41.38 1.24 0.00	48.30 1.50 0.00	62.76 2.00 0.00	71.91 2.09 0.00	65.30 1.84 0.00	58.89 1.66 0.00	53.68 1.56 0.00	48.83 1.33 0.00	46.75 1.27 0.00
BOONVILLE_115KV_TB1 79983	45.21 1.53 0.00	42.02 1.18 0.00	42.24 1.15 0.00	42.34 1.23 0.00	43.67 1.31 0.00	48.53 1.73 0.00	64.43 2.42 0.00	65.89 2.29 0.00	53.95 1.57 0.00	43.76 0.82 0.00	41.78 0.70 0.00	38.49 0.53 0.00	38.28 0.60 0.00	37.87 0.60 0.00	38.00 0.67 0.00	40.94 0.80 0.00	47.93 1.12 0.00	62.57 1.82 0.00	71.98 2.16 0.00	65.43 1.97 0.00	58.95 1.72 0.00	53.63 1.51 0.00	48.83 1.33 0.00	46.70 1.23 0.00
BORALEX_4TH_BRANCH 23824	46.38 2.71 0.00	43.37 2.53 0.00	43.63 2.55 0.00	43.65 2.55 0.00	44.98 2.63 0.00	49.65 2.85 0.00	65.73 3.72 0.00	67.29 3.69 0.00	55.52 3.14 0.00	45.48 2.53 0.00	43.50 2.42 0.00	40.05 2.09 0.00	39.71 2.03 0.00	39.32 2.05 0.00	39.39 2.05 0.00	42.46 2.33 0.00	49.57 2.76 0.00	64.22 3.46 0.00	73.23 3.42 0.00	66.44 2.98 0.00	60.04 2.80 0.00	54.72 2.61 0.00	49.87 2.37 0.00	47.79 2.32 0.00
BOWLINE___1 23526	45.86 2.18 0.00	42.88 2.04 0.00	43.06 1.97 0.00	43.08 1.97 0.00	44.43 2.07 0.00	48.99 2.20 0.00	65.17 3.16 0.00	66.90 3.31 0.00	55.21 2.83 0.00	45.57 2.62 0.00	43.38 2.30 0.00	40.05 2.09 0.00	39.67 2.00 0.00	39.25 1.97 0.00	39.31 1.98 0.00	42.18 2.05 0.00	49.33 2.53 0.00	63.85 3.10 0.00	73.23 3.42 0.00	66.44 2.98 0.00	59.87 2.63 0.00	54.57 2.45 0.00	49.54 2.04 0.00	47.11 1.63 0.00
BOWLINE___2 23595	45.86 2.18 0.00	42.88 2.04 0.00	43.06 1.97 0.00	43.08 1.97 0.00	44.43 2.07 0.00	48.99 2.20 0.00	65.17 3.16 0.00	66.90 3.31 0.00	55.21 2.83 0.00	45.57 2.62 0.00	43.38 2.30 0.00	40.05 2.09 0.00	39.67 2.00 0.00	39.25 1.97 0.00	39.31 1.98 0.00	42.18 2.05 0.00	49.33 2.53 0.00	63.85 3.10 0.00	73.23 3.42 0.00	66.44 2.98 0.00	59.87 2.63 0.00	54.57 2.45 0.00	49.54 2.04 0.00	47.11 1.63 0.00
BRADY___115KV_TB2 356060	48.34 4.63 -0.03	44.43 3.59 0.00	44.70 3.62 0.00	44.97 3.86 0.00	46.51 4.15 0.00	51.29 4.49 0.00	67.59 5.58 0.00	68.43 4.83 0.00	54.90 2.51 0.00	43.72 0.77 0.00	41.45 0.37 0.00	38.11 0.15 0.00	37.82 0.15 0.00	37.31 0.04 0.00	37.71 0.37 0.00	40.74 0.60 0.00	48.35 1.54 0.00	64.15 3.40 0.00	70.23 0.42 0.00	64.09 0.63 0.00	57.69 0.46 0.00	52.38 0.26 0.00	47.97 0.47 0.00	45.79 0.32 0.00
BRANSCOMB___SOLAR 323811	46.73 3.06 0.00	43.82 2.98 0.00	44.00 2.92 0.00	44.07 2.96 0.00	45.41 3.05 0.00	50.21 3.41 0.00	66.72 4.71 0.00	68.18 4.58 0.00	55.78 3.40 0.00	45.65 2.71 0.00	43.46 2.38 0.00	39.82 1.86 0.00	39.48 1.81 0.00	39.06 1.79 0.00	39.20 1.87 0.00	42.34 2.21 0.00	49.85 3.04 0.00	64.70 3.95 0.00	74.21 4.40 0.00	67.27 3.81 0.00	60.72 3.49 0.00	55.30 3.18 0.00	50.30 2.80 0.00	48.20 2.73 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	47.70 4.02 0.00	44.63 3.80 0.00	44.62 3.53 0.00	44.68 3.58 0.00	46.29 3.94 0.00	51.10 4.31 0.00	67.22 5.21 0.00	69.00 5.41 0.00	57.46 5.08 0.00	47.29 4.34 0.00	45.02 3.94 0.00	41.72 3.76 0.00	40.91 3.24 0.00	40.51 3.24 0.00	40.62 3.29 0.00	44.19 4.05 0.00	51.18 4.07 -0.30	66.40 5.65 0.00	76.23 6.42 0.00	68.66 5.20 0.00	61.58 4.35 0.00	57.08 4.95 -0.01	51.40 3.61 -0.29	48.79 3.32 0.00

BRISTLHL_115KV_TB1 79998	43.50 -0.17 0.00	40.67 -0.16 0.00	40.88 -0.21 0.00	40.86 -0.25 0.00	42.06 -0.30 0.00	46.79 0.00 0.00	62.26 0.25 0.00	63.60 0.00 0.00	52.22 -0.16 0.00	42.69 -0.26 0.00	40.88 -0.21 0.00	37.77 -0.19 0.00	37.56 -0.11 0.00	37.12 -0.15 0.00	37.15 -0.19 0.00	39.97 -0.16 0.00	46.62 -0.19 0.00	58.87 -1.88 0.00	67.86 -1.95 0.00	61.75 -1.71 0.00	55.74 -1.49 0.00	50.76 -1.36 0.00	46.26 -1.23 0.00	44.43 -1.05 0.00
BROOKHAVEN___DRP 24191	47.00 3.32 0.00	43.98 3.14 0.00	43.96 2.88 0.00	44.02 2.92 0.00	45.66 3.30 0.00	50.16 3.37 0.00	65.67 3.66 0.00	67.67 4.07 0.00	56.57 4.19 0.00	46.86 3.91 0.00	44.53 3.45 0.00	41.26 3.30 0.00	40.50 2.83 0.00	39.95 2.68 0.00	40.09 2.76 0.00	43.62 3.49 0.00	50.74 3.70 -0.24	65.19 4.43 0.00	74.91 5.10 0.00	67.20 3.74 0.00	60.27 3.03 0.00	56.08 3.96 -0.01	51.20 3.47 -0.23	47.93 2.46 0.00
BROOKLYN_NAVY_YARD 23515	46.39 2.71 0.00	43.37 2.53 0.00	43.47 2.38 0.00	43.49 2.38 0.00	44.85 2.50 0.00	49.51 2.71 0.00	65.92 3.91 0.00	67.79 4.20 0.00	56.05 3.67 0.00	46.42 3.48 0.00	44.20 3.12 0.00	40.84 2.88 0.00	40.42 2.75 0.00	39.99 2.72 0.00	40.02 2.69 0.00	42.90 2.77 0.00	50.13 3.32 0.00	64.76 4.01 0.00	74.14 4.33 0.00	67.33 3.87 0.00	60.61 3.38 0.00	55.24 3.13 0.00	50.06 2.56 0.00	47.52 2.05 0.00
BROOKLYN___ARMY_DRP 323595	61.41 3.36 -14.37	60.53 3.14 -16.55	60.50 3.04 -16.37	59.75 3.04 -15.60	59.76 3.18 -14.22	61.48 3.28 -11.41	66.48 4.46 0.00	68.92 5.02 -0.30	65.07 4.24 -8.44	64.99 3.91 -18.13	65.00 3.57 -20.35	66.95 3.30 -25.69	67.00 3.16 -26.16	68.11 3.17 -27.67	67.05 3.10 -26.62	65.16 3.45 -21.58	66.37 3.93 -15.63	121.28 4.92 -55.61	115.50 5.24 -40.45	115.50 4.63 -47.41	115.51 4.01 -54.27	66.82 3.75 -10.95	65.08 3.18 -14.40	62.53 2.64 -14.42
BROOKVLE_69_KV_TB1 55790	47.13 3.45 0.00	44.06 3.23 0.00	44.13 3.04 0.00	44.15 3.04 0.00	45.70 3.35 0.00	50.44 3.65 0.00	66.66 4.65 0.00	68.43 4.83 0.00	56.83 4.45 0.00	46.81 3.87 0.00	44.70 3.62 0.00	41.34 3.38 0.00	40.69 3.01 0.00	40.29 3.02 0.00	40.39 3.06 0.00	43.79 3.65 0.00	51.95 4.17 -0.98	65.79 5.04 0.00	75.47 5.65 0.00	68.15 4.70 0.00	61.18 3.95 0.00	56.31 4.17 -0.03	51.95 3.51 -0.94	48.29 2.82 0.00
BROOME_2_LFGE 323671	43.76 0.09 0.00	40.92 0.08 0.00	41.13 0.04 0.00	41.15 0.04 0.00	42.40 0.04 0.00	47.03 0.24 0.00	62.45 0.44 0.00	63.60 0.00 0.00	52.38 0.00 0.00	42.86 -0.09 0.00	40.92 -0.16 0.00	37.85 -0.11 0.00	37.64 -0.04 0.00	37.23 -0.04 0.00	37.26 -0.07 0.00	40.09 -0.04 0.00	46.76 -0.05 0.00	60.57 -0.18 0.00	69.81 0.00 0.00	63.52 0.06 0.00	57.40 0.17 0.00	52.27 0.16 0.00	47.74 0.24 0.00	45.93 0.45 0.00
BROOME___LFGE 323600	43.76 0.09 0.00	40.92 0.08 0.00	41.13 0.04 0.00	41.15 0.04 0.00	42.40 0.04 0.00	47.03 0.24 0.00	62.45 0.44 0.00	63.60 0.00 0.00	52.38 0.00 0.00	42.86 -0.09 0.00	40.92 -0.16 0.00	37.85 -0.11 0.00	37.64 -0.04 0.00	37.23 -0.04 0.00	37.26 -0.07 0.00	40.09 -0.04 0.00	46.76 -0.05 0.00	60.57 -0.18 0.00	69.81 0.00 0.00	63.52 0.06 0.00	57.40 0.17 0.00	52.27 0.16 0.00	47.74 0.24 0.00	45.93 0.45 0.00
BROWNFLS_115KV_TB_3_5 80003	45.97 2.27 -0.02	42.51 1.67 0.00	42.73 1.64 0.00	42.91 1.81 0.00	44.30 1.95 0.00	48.85 2.06 0.00	64.62 2.60 0.00	65.95 2.35 0.00	53.53 1.15 0.00	43.03 0.09 0.00	40.96 -0.12 0.00	37.73 -0.23 0.00	37.52 -0.15 0.00	37.01 -0.26 0.00	37.26 -0.07 0.00	40.17 0.04 0.00	47.28 0.47 0.00	62.03 1.28 0.00	69.81 0.00 0.00	63.65 0.19 0.00	57.29 0.06 0.00	52.12 0.00 0.00	47.74 0.24 0.00	45.56 0.09 0.00
BROWNSV1_27_KV_LOAD 356125	46.78 3.10 0.00	43.70 2.86 0.00	43.84 2.75 0.00	43.82 2.71 0.00	45.24 2.88 0.00	49.88 3.09 0.00	66.48 4.46 0.00	68.37 4.77 0.00	56.47 4.09 0.00	46.64 3.69 0.00	44.49 3.41 0.00	41.11 3.15 0.00	40.69 3.01 0.00	40.29 3.02 0.00	40.24 2.91 0.00	43.34 3.21 0.00	50.50 3.70 0.00	65.37 4.62 0.00	74.77 4.96 0.00	67.90 4.44 0.00	61.07 3.83 0.00	55.66 3.54 0.00	50.44 2.94 0.00	47.88 2.41 0.00
BURROWS___LYONSDAL 23803	45.21 1.53 -0.01	41.98 1.14 0.00	42.19 1.11 0.00	42.34 1.23 0.00	43.67 1.31 0.00	48.53 1.73 0.00	64.43 2.42 0.00	65.82 2.23 0.00	53.85 1.47 0.00	43.59 0.64 0.00	41.61 0.53 0.00	38.30 0.34 0.00	38.13 0.45 0.00	37.68 0.41 0.00	37.82 0.49 0.00	40.78 0.64 0.00	47.79 0.98 0.00	62.39 1.64 0.00	71.70 1.88 0.00	65.24 1.78 0.00	58.78 1.55 0.00	53.47 1.36 0.00	48.69 1.19 0.00	46.56 1.09 0.00
CAITHNESS_CC_1 323624	46.95 3.28 0.00	43.86 3.02 0.00	43.84 2.75 0.00	43.98 2.88 0.00	45.32 2.96 0.00	50.17 3.37 0.00	65.67 3.66 0.00	67.29 3.69 0.00	56.62 4.24 0.00	46.90 3.95 0.00	44.45 3.37 0.00	41.11 3.15 0.00	40.46 2.79 0.00	39.84 2.57 0.00	40.09 2.76 0.00	43.47 3.33 -0.01	50.70 3.65 -0.24	64.34 3.58 0.00	74.84 5.03 0.00	67.14 3.68 0.00	60.38 3.15 0.00	56.14 4.01 -0.02	51.16 3.42 -0.24	47.97 2.50 0.00
CALPINE BETH_PAGE_GT4 24209	46.91 3.23 0.00	43.90 3.06 0.00	43.92 2.83 0.00	43.94 2.84 0.00	45.53 3.18 0.00	50.21 3.42 0.00	66.11 4.09 0.00	67.86 4.26 0.00	56.52 4.14 0.00	46.64 3.69 0.00	44.61 3.53 0.00	41.30 3.34 0.00	40.61 2.94 0.00	40.22 2.94 0.00	40.28 2.95 0.00	43.75 3.61 0.00	51.32 3.79 -0.72	65.13 4.37 0.00	74.63 4.82 0.00	67.39 3.93 0.00	60.49 3.26 0.00	55.84 3.70 -0.02	51.18 2.99 -0.69	48.06 2.59 0.00
CALPINE_BETH_PAGE_GT_4 323586	46.91 3.23 0.00	43.82 2.98 0.00	43.84 2.75 0.00	43.94 2.83 0.00	45.36 3.01 0.00	50.21 3.41 0.00	66.11 4.09 0.00	67.73 4.13 0.00	56.62 4.24 0.00	46.77 3.82 0.00	44.57 3.49 0.00	41.19 3.22 0.00	40.61 2.94 0.00	40.10 2.83 0.00	40.28 2.95 0.00	43.59 3.45 -0.01	51.32 3.79 -0.72	64.64 3.89 0.00	74.62 4.81 0.00	67.39 3.94 0.00	60.61 3.38 0.00	55.90 3.75 -0.03	51.19 2.99 -0.70	48.11 2.64 0.00
CALPINE_BP_GT1 23823	46.91 3.23 0.00	43.82 2.98 0.00	43.84 2.75 0.00	43.94 2.83 0.00	45.36 3.01 0.00	50.21 3.41 0.00	66.11 4.09 0.00	67.73 4.13 0.00	56.62 4.24 0.00	46.77 3.82 0.00	44.57 3.49 0.00	41.19 3.22 0.00	40.61 2.94 0.00	40.10 2.83 0.00	40.28 2.95 0.00	43.59 3.45 -0.01	51.32 3.79 -0.72	64.64 3.89 0.00	74.62 4.81 0.00	67.39 3.94 0.00	60.61 3.38 0.00	55.90 3.75 -0.03	51.19 2.99 -0.70	48.11 2.64 0.00
CALSPAN___DRP 24200	42.06 -1.62 0.00	39.29 -1.55 0.00	39.36 -1.73 0.00	39.38 -1.73 0.00	40.53 -1.82 0.00	45.20 -1.59 0.00	59.72 -2.29 0.00	59.72 -3.88 0.00	49.55 -2.83 0.00	40.41 -2.53 0.00	38.82 -2.26 0.00	35.80 -2.16 0.00	35.87 -1.81 0.00	35.48 -1.79 0.00	35.54 -1.79 0.00	38.37 -1.77 0.00	44.05 -2.76 0.00	56.38 -4.37 0.00	65.69 -4.12 0.00	59.97 -3.49 0.00	54.54 -2.69 0.00	49.98 -2.14 0.00	46.22 -1.28 0.00	45.52 0.05 0.00

CALVERTON___SOLAR 323806	47.04 3.36 0.00	43.94 3.10 0.00	43.92 2.83 0.00	44.07 2.96 0.00	45.36 3.01 0.00	50.21 3.41 0.00	65.73 3.72 0.00	67.41 3.82 0.00	56.73 4.35 0.00	46.98 4.04 0.00	44.49 3.41 0.00	41.15 3.19 0.00	40.50 2.83 0.00	39.84 2.57 0.00	40.09 2.76 0.00	43.51 3.37 -0.01	50.70 3.65 -0.24	64.34 3.58 0.00	74.98 5.17 0.00	67.20 3.74 0.00	60.38 3.15 0.00	56.25 4.12 -0.02	51.25 3.51 -0.24	48.06 2.59 0.00
CANDIGU_WT_PWR 323617	41.80 -1.88 0.00	39.08 -1.75 0.00	39.24 -1.85 0.00	39.30 -1.81 0.00	40.54 -1.82 0.00	45.11 -1.68 0.00	59.84 -2.17 0.00	60.42 -3.18 0.00	49.50 -2.88 0.00	40.33 -2.62 0.00	38.49 -2.59 0.00	35.53 -2.43 0.00	35.41 -2.26 0.00	34.96 -2.31 0.00	35.02 -2.31 0.00	37.73 -2.41 0.00	44.05 -2.76 0.00	57.17 -3.58 0.00	66.46 -3.35 0.00	60.85 -2.60 0.00	55.35 -1.89 0.00	50.55 -1.56 0.00	46.41 -1.09 0.00	45.11 -0.37 0.00
CARR STREET_E_SYR 24060	42.89 -0.78 0.00	40.14 -0.69 0.00	40.30 -0.78 0.00	40.32 -0.78 0.00	41.51 -0.85 0.00	46.04 -0.75 0.00	61.15 -0.87 0.00	62.52 -1.08 0.00	51.49 -0.89 0.00	42.13 -0.82 0.00	40.47 -0.62 0.00	37.43 -0.53 0.00	37.18 -0.49 0.00	36.79 -0.49 0.00	36.81 -0.52 0.00	39.65 -0.48 0.00	46.01 -0.80 0.00	59.54 -1.21 0.00	68.56 -1.25 0.00	62.32 -1.14 0.00	56.26 -0.97 0.00	51.23 -0.89 0.00	46.69 -0.81 0.00	44.88 -0.59 0.00
CARTHAGE___PAPER 23857	45.52 1.83 -0.01	42.14 1.31 0.00	42.36 1.28 0.00	42.54 1.44 0.00	43.88 1.52 0.00	48.85 2.06 0.00	64.93 2.92 0.00	66.21 2.61 0.00	53.74 1.36 0.00	43.25 0.30 0.00	41.20 0.12 0.00	37.92 -0.04 0.00	37.75 0.08 0.00	37.27 0.00 0.00	37.44 0.11 0.00	40.45 0.32 0.00	47.46 0.65 0.00	62.03 1.28 0.00	71.28 1.47 0.00	65.05 1.59 0.00	58.60 1.37 0.00	53.32 1.20 0.00	48.54 1.04 0.00	46.33 0.86 0.00
CASSADAGA_WT_PWR 323784	41.67 -2.01 0.00	39.00 -1.84 0.00	38.99 -2.09 0.00	38.97 -2.14 0.00	40.20 -2.16 0.00	44.83 -1.96 0.00	59.41 -2.60 0.00	59.34 -4.26 0.00	49.18 -3.20 0.00	39.98 -2.96 0.00	38.20 -2.88 0.00	35.15 -2.81 0.00	35.04 -2.64 0.00	34.70 -2.57 0.00	34.76 -2.58 0.00	37.77 -2.37 0.00	43.53 -3.28 0.00	56.50 -4.25 0.00	65.90 -3.91 0.00	60.54 -2.92 0.00	55.29 -1.95 0.00	50.66 -1.46 0.00	46.98 -0.52 0.00	46.16 0.68 0.00
CE_DUNWOOD___DRP 24194	46.25 2.58 0.00	43.25 2.41 0.00	43.43 2.34 0.00	43.41 2.30 0.00	44.81 2.46 0.00	49.41 2.62 0.00	65.73 3.72 0.00	67.48 3.88 0.00	55.73 3.35 0.00	45.91 2.96 0.00	43.83 2.75 0.00	40.50 2.54 0.00	40.09 2.41 0.00	39.69 2.42 0.00	39.68 2.35 0.00	42.78 2.65 0.00	49.85 3.04 0.00	64.52 3.77 0.00	73.86 4.05 0.00	67.01 3.55 0.00	60.38 3.15 0.00	55.03 2.92 0.00	49.97 2.47 0.00	47.43 1.96 0.00
CE_MILLWOOD___DRP 24193	46.17 2.49 0.00	43.16 2.33 0.00	43.34 2.26 0.00	43.37 2.26 0.00	44.73 2.37 0.00	49.32 2.53 0.00	65.61 3.60 0.00	67.35 3.75 0.00	55.63 3.25 0.00	45.78 2.83 0.00	43.71 2.63 0.00	40.39 2.43 0.00	39.97 2.30 0.00	39.58 2.31 0.00	39.57 2.24 0.00	42.66 2.53 0.00	49.76 2.95 0.00	64.40 3.65 0.00	73.72 3.91 0.00	66.89 3.43 0.00	60.27 3.03 0.00	54.93 2.81 0.00	49.87 2.37 0.00	47.38 1.91 0.00
CE_NYC2_DRP 24202	46.74 3.06 -0.01	43.70 2.86 -0.01	43.80 2.71 -0.01	43.83 2.71 -0.01	45.19 2.84 0.00	49.74 2.95 0.00	66.04 4.03 0.00	68.11 4.52 0.00	56.26 3.88 0.00	47.17 3.56 -0.66	45.98 3.33 -1.57	44.72 3.07 -3.68	44.36 2.94 -3.75	44.18 2.94 -3.97	43.99 2.84 -3.82	44.09 3.17 -0.78	50.41 3.60 0.00	65.19 4.43 0.00	74.49 4.68 0.00	67.58 4.12 0.00	60.78 3.55 0.00	55.45 3.34 0.00	50.30 2.80 0.00	47.75 2.27 0.00
CE_NYC_DRP 24195	46.47 2.80 0.00	43.45 2.61 0.00	43.59 2.51 0.00	43.57 2.47 0.00	44.98 2.63 0.00	49.60 2.81 0.00	66.11 4.09 0.00	67.92 4.32 0.00	56.10 3.72 0.00	46.34 3.39 0.00	44.24 3.16 0.00	40.88 2.92 0.00	40.46 2.79 0.00	40.07 2.80 0.00	40.02 2.69 0.00	43.10 2.97 0.00	50.18 3.37 0.00	64.94 4.19 0.00	74.28 4.47 0.00	67.39 3.93 0.00	60.61 3.38 0.00	55.29 3.18 0.00	50.11 2.61 0.00	47.56 2.09 0.00
CHAFFEE___LFGE 323603	42.24 -1.44 0.00	39.53 -1.31 0.00	39.52 -1.56 0.00	39.54 -1.56 0.00	40.79 -1.57 0.00	45.44 -1.36 0.00	60.09 -1.92 0.00	60.04 -3.56 0.00	49.82 -2.57 0.00	40.67 -2.28 0.00	39.03 -2.05 0.00	36.10 -1.86 0.00	36.06 -1.62 0.00	35.74 -1.53 0.00	35.73 -1.60 0.00	38.69 -1.44 0.00	44.37 -2.44 0.00	57.11 -3.64 0.00	66.11 -3.70 0.00	60.35 -3.11 0.00	54.88 -2.35 0.00	50.19 -1.93 0.00	46.45 -1.05 0.00	45.61 0.14 0.00
CHATEAUG_35_KV_LOAD 355732	42.09 -1.57 0.01	39.29 -1.55 0.00	39.56 -1.52 0.00	39.63 -1.48 0.00	40.92 -1.44 0.00	45.06 -1.73 0.00	59.84 -2.17 0.00	61.56 -2.04 0.00	50.50 -1.89 0.00	41.19 -1.76 0.00	39.31 -1.77 0.00	36.40 -1.56 0.00	36.02 -1.66 0.00	35.63 -1.64 0.00	35.73 -1.61 0.00	38.45 -1.69 0.00	45.08 -1.73 0.00	59.11 -1.64 0.00	68.07 -1.75 0.00	62.13 -1.33 0.00	55.80 -1.43 0.00	50.50 -1.62 0.00	46.12 -1.38 0.00	44.06 -1.41 0.00
CHATEAUG_WT_PWR 323614	41.79 -1.88 0.01	39.00 -1.84 0.00	39.32 -1.77 0.00	39.38 -1.72 0.00	40.66 -1.70 0.00	44.78 -2.01 0.00	59.47 -2.55 0.00	61.18 -2.42 0.00	50.23 -2.15 0.00	40.97 -1.97 0.00	39.15 -1.93 0.00	36.22 -1.75 0.00	35.87 -1.81 0.00	35.45 -1.83 0.00	35.58 -1.75 0.00	38.25 -1.89 0.00	44.84 -1.96 0.00	58.75 -2.00 0.00	67.72 -2.09 0.00	61.88 -1.58 0.00	55.52 -1.72 0.00	50.24 -1.87 0.00	45.88 -1.62 0.00	43.84 -1.64 0.00
CHAT_HIGH_FALL_HYD 323578	42.09 -1.57 0.01	39.29 -1.55 0.00	39.56 -1.52 0.00	39.63 -1.48 0.00	40.92 -1.44 0.00	45.06 -1.73 0.00	59.84 -2.17 0.00	61.56 -2.04 0.00	50.50 -1.89 0.00	41.19 -1.76 0.00	39.31 -1.77 0.00	36.40 -1.56 0.00	36.02 -1.66 0.00	35.63 -1.64 0.00	35.73 -1.61 0.00	38.45 -1.69 0.00	45.08 -1.73 0.00	59.11 -1.64 0.00	68.07 -1.75 0.00	62.13 -1.33 0.00	55.80 -1.43 0.00	50.50 -1.62 0.00	46.12 -1.38 0.00	44.06 -1.41 0.00
CHAUTAUQUA___LFGE 323629	42.15 -1.53 0.00	39.45 -1.39 0.00	39.48 -1.60 0.00	39.46 -1.65 0.00	40.66 -1.70 0.00	45.34 -1.45 0.00	59.97 -2.04 0.00	59.98 -3.62 0.00	49.71 -2.67 0.00	40.54 -2.40 0.00	38.82 -2.26 0.00	35.84 -2.13 0.00	35.75 -1.92 0.00	35.41 -1.86 0.00	35.43 -1.90 0.00	38.41 -1.72 0.00	44.14 -2.67 0.00	56.99 -3.77 0.00	66.11 -3.70 0.00	60.54 -2.92 0.00	55.17 -2.06 0.00	50.50 -1.62 0.00	46.74 -0.76 0.00	45.88 0.41 0.00
CHERRYST_13_KV_LD 356241	46.60 2.93 0.00	43.53 2.70 0.00	43.67 2.59 0.00	43.70 2.59 0.00	45.11 2.75 0.00	49.74 2.95 0.00	66.29 4.28 0.00	68.18 4.58 0.00	56.31 3.93 0.00	46.51 3.56 0.00	44.41 3.33 0.00	41.04 3.07 0.00	40.57 2.90 0.00	40.18 2.91 0.00	40.13 2.80 0.00	43.22 3.09 0.00	50.36 3.56 0.00	65.19 4.43 0.00	74.49 4.68 0.00	67.58 4.12 0.00	60.84 3.61 0.00	55.45 3.34 0.00	50.25 2.75 0.00	47.70 2.23 0.00

CHESTROR_138KV_BK263 355645	45.64 1.97 0.00	42.67 1.84 0.00	42.85 1.77 0.00	42.87 1.77 0.00	44.22 1.86 0.00	48.76 1.97 0.00	64.80 2.79 0.00	66.46 2.86 0.00	54.79 2.41 0.00	45.05 2.10 0.00	42.97 1.89 0.00	39.71 1.75 0.00	39.33 1.66 0.00	38.95 1.68 0.00	38.97 1.64 0.00	41.98 1.85 0.00	49.01 2.20 0.00	63.55 2.79 0.00	72.81 3.00 0.00	66.06 2.60 0.00	59.52 2.29 0.00	54.25 2.14 0.00	49.30 1.80 0.00	46.93 1.46 0.00
CH_MIDHUDSON___DRP 24192	46.12 2.45 0.00	43.12 2.29 0.00	43.30 2.22 0.00	43.33 2.22 0.00	44.68 2.33 0.00	49.27 2.48 0.00	65.55 3.53 0.00	67.16 3.56 0.00	55.37 2.99 0.00	45.52 2.58 0.00	43.42 2.34 0.00	40.09 2.13 0.00	39.71 2.03 0.00	39.32 2.05 0.00	39.35 2.02 0.00	42.38 2.25 0.00	49.52 2.71 0.00	64.22 3.46 0.00	73.51 3.70 0.00	66.70 3.24 0.00	60.09 2.86 0.00	54.77 2.66 0.00	49.78 2.28 0.00	47.38 1.91 0.00
CH_MISC_IPPS 23765	46.30 2.62 0.00	43.33 2.49 0.00	43.51 2.42 0.00	43.49 2.38 0.00	44.85 2.50 0.00	49.46 2.67 0.00	65.86 3.85 0.00	67.48 3.88 0.00	55.58 3.20 0.00	45.74 2.79 0.00	43.50 2.42 0.00	40.12 2.16 0.00	39.78 2.11 0.00	39.39 2.12 0.00	39.42 2.09 0.00	42.38 2.25 0.00	49.66 2.86 0.00	64.40 3.64 0.00	73.86 4.05 0.00	67.07 3.62 0.00	60.44 3.20 0.00	55.03 2.92 0.00	49.97 2.47 0.00	47.61 2.14 0.00
CH_RES_BVR_FALLS 23983	42.58 -1.09 0.00	39.77 -1.06 0.00	40.06 -1.03 0.00	40.08 -1.03 0.00	41.30 -1.06 0.00	45.58 -1.22 0.00	60.40 -1.61 0.00	62.07 -1.53 0.00	51.07 -1.31 0.00	41.79 -1.16 0.00	39.97 -1.11 0.00	36.94 -1.02 0.00	36.66 -1.02 0.00	36.27 -1.00 0.00	36.33 -1.01 0.00	39.05 -1.08 0.00	45.64 -1.17 0.00	59.42 -1.34 0.00	68.28 -1.54 0.00	62.19 -1.27 0.00	55.97 -1.26 0.00	50.92 -1.20 0.00	46.45 -1.05 0.00	44.43 -1.04 0.00
CH_RES_NIAGARA 23895	40.44 -3.23 0.00	37.77 -3.06 0.00	37.84 -3.25 0.00	37.86 -3.25 0.00	39.01 -3.35 0.00	43.47 -3.32 0.00	57.24 -4.78 0.00	57.24 -6.36 0.00	47.56 -4.82 0.00	38.91 -4.04 0.00	37.38 -3.70 0.00	34.51 -3.45 0.00	34.58 -3.09 0.00	34.21 -3.06 0.00	34.27 -3.06 0.00	36.96 -3.17 0.00	42.36 -4.45 0.00	54.01 -6.74 0.00	62.83 -6.98 0.00	57.30 -6.16 0.00	52.14 -5.09 0.00	47.84 -4.27 0.00	44.32 -3.18 0.00	43.65 -1.82 0.00
CH_RES_SYRACUSE 23985	43.37 -0.30 0.00	40.59 -0.24 0.00	40.75 -0.33 0.00	40.78 -0.33 0.00	42.01 -0.34 0.00	46.61 -0.19 0.00	61.89 -0.12 0.00	63.28 -0.32 0.00	52.07 -0.31 0.00	42.56 -0.39 0.00	40.84 -0.25 0.00	37.81 -0.15 0.00	37.56 -0.11 0.00	37.12 -0.15 0.00	37.15 -0.19 0.00	40.01 -0.12 0.00	46.53 -0.28 0.00	60.03 -0.73 0.00	69.11 -0.70 0.00	62.82 -0.63 0.00	56.72 -0.52 0.00	51.65 -0.47 0.00	47.07 -0.43 0.00	45.20 -0.27 0.00
CLINTON_WT_PWR 323605	41.79 -1.88 0.01	39.00 -1.84 0.00	39.32 -1.77 0.00	39.38 -1.72 0.00	40.66 -1.70 0.00	44.78 -2.01 0.00	59.47 -2.55 0.00	61.18 -2.42 0.00	50.23 -2.15 0.00	40.97 -1.97 0.00	39.15 -1.93 0.00	36.22 -1.75 0.00	35.87 -1.81 0.00	35.45 -1.83 0.00	35.58 -1.75 0.00	38.25 -1.89 0.00	44.84 -1.96 0.00	58.75 -2.00 0.00	67.72 -2.09 0.00	61.88 -1.58 0.00	55.52 -1.72 0.00	50.24 -1.87 0.00	45.88 -1.62 0.00	43.84 -1.64 0.00
CLINTON___LFGE 323618	41.53 -2.14 0.01	38.71 -2.13 0.00	39.03 -2.05 0.00	39.13 -1.97 0.00	40.49 -1.86 0.00	44.55 -2.25 0.00	59.41 -2.60 0.00	61.05 -2.55 0.00	50.08 -2.30 0.00	40.71 -2.24 0.00	38.86 -2.22 0.00	36.03 -1.93 0.00	35.64 -2.03 0.00	35.18 -2.09 0.00	35.35 -1.98 0.00	38.04 -2.09 0.00	44.61 -2.20 0.00	58.69 -2.07 0.00	67.78 -2.03 0.00	62.06 -1.40 0.00	55.69 -1.54 0.00	50.19 -1.93 0.00	45.83 -1.66 0.00	43.74 -1.73 0.00
COBBLENY_34_KV_TB1 80064	42.24 -1.44 0.00	39.45 -1.39 0.00	39.52 -1.56 0.00	39.54 -1.56 0.00	40.75 -1.61 0.00	45.44 -1.36 0.00	60.09 -1.92 0.00	60.04 -3.56 0.00	49.82 -2.57 0.00	40.63 -2.32 0.00	39.03 -2.05 0.00	35.95 -2.01 0.00	36.05 -1.62 0.00	35.67 -1.60 0.00	35.73 -1.61 0.00	38.57 -1.57 0.00	44.28 -2.53 0.00	56.68 -4.07 0.00	66.04 -3.77 0.00	60.35 -3.11 0.00	54.89 -2.35 0.00	50.24 -1.88 0.00	46.45 -1.04 0.00	45.70 0.23 0.00
COFFEEN___115KV_TB3 355620	45.96 2.27 -0.01	42.51 1.67 0.00	42.69 1.60 0.00	42.87 1.77 0.00	44.26 1.91 0.00	49.51 2.71 0.00	65.80 3.78 0.00	67.03 3.43 0.00	54.32 1.94 0.00	43.68 0.73 0.00	41.61 0.53 0.00	38.23 0.27 0.00	38.09 0.41 0.00	37.61 0.34 0.00	37.78 0.45 0.00	40.86 0.72 0.00	47.93 1.12 0.00	62.51 1.76 0.00	72.32 2.51 0.00	66.06 2.60 0.00	59.64 2.40 0.00	54.20 2.08 0.00	49.30 1.80 0.00	47.16 1.68 0.00
COLDSPRG_115KV_BK1 355956	42.98 -0.70 0.00	40.18 -0.65 0.00	40.22 -0.86 0.00	40.20 -0.90 0.00	41.47 -0.89 0.00	46.28 -0.51 0.00	61.46 -0.56 0.00	61.37 -2.23 0.00	50.81 -1.57 0.00	41.23 -1.72 0.00	39.52 -1.56 0.00	36.33 -1.63 0.00	36.36 -1.32 0.00	35.93 -1.34 0.00	35.99 -1.34 0.00	38.97 -1.16 0.00	44.93 -1.87 0.00	57.84 -2.92 0.00	67.65 -2.16 0.00	62.00 -1.46 0.00	56.43 -0.80 0.00	51.65 -0.47 0.00	47.74 0.24 0.00	46.93 1.46 0.00
COLONIE_LFGE___ 323577	46.03 2.36 0.00	43.08 2.24 0.00	43.30 2.22 0.00	43.32 2.22 0.00	44.64 2.29 0.00	49.27 2.48 0.00	65.30 3.28 0.00	66.90 3.31 0.00	55.05 2.67 0.00	45.18 2.23 0.00	43.09 2.01 0.00	39.63 1.67 0.00	39.29 1.62 0.00	38.87 1.60 0.00	38.97 1.64 0.00	41.94 1.81 0.00	49.15 2.34 0.00	63.73 2.98 0.00	72.96 3.14 0.00	66.19 2.73 0.00	59.75 2.52 0.00	54.46 2.35 0.00	49.59 2.09 0.00	47.52 2.05 0.00
COOPERNY_115KV_TB1 80082	45.12 1.44 0.00	42.14 1.31 0.00	42.36 1.27 0.00	42.38 1.27 0.00	43.71 1.36 0.00	48.24 1.45 0.00	64.06 2.05 0.00	65.70 2.10 0.00	54.16 1.78 0.00	44.49 1.55 0.00	42.48 1.40 0.00	39.25 1.29 0.00	38.92 1.24 0.00	38.54 1.27 0.00	38.56 1.23 0.00	41.50 1.36 0.00	48.45 1.64 0.00	62.76 2.00 0.00	71.98 2.16 0.00	65.43 1.97 0.00	58.95 1.72 0.00	53.73 1.62 0.00	48.88 1.38 0.00	46.56 1.09 0.00
COPENHAGEN_WT_PWR 323753	45.43 1.75 -0.01	42.06 1.22 0.00	42.28 1.19 0.00	42.42 1.32 0.00	43.80 1.44 0.00	48.90 2.11 0.00	64.99 2.98 0.00	66.21 2.61 0.00	53.80 1.41 0.00	43.33 0.39 0.00	41.37 0.29 0.00	38.04 0.08 0.00	37.90 0.23 0.00	37.42 0.15 0.00	37.60 0.26 0.00	40.62 0.48 0.00	47.60 0.79 0.00	61.85 1.09 0.00	71.42 1.61 0.00	65.11 1.65 0.00	58.78 1.55 0.00	53.47 1.35 0.00	48.64 1.14 0.00	46.52 1.05 0.00
CORNELL_____ 23752	44.33 0.66 0.00	41.41 0.57 0.00	41.62 0.53 0.00	41.60 0.49 0.00	42.86 0.51 0.00	47.73 0.94 0.00	63.50 1.49 0.00	64.81 1.21 0.00	53.12 0.73 0.00	43.29 0.34 0.00	41.37 0.29 0.00	38.23 0.27 0.00	38.01 0.34 0.00	37.57 0.30 0.00	37.67 0.34 0.00	40.53 0.40 0.00	47.37 0.56 0.00	61.48 0.73 0.00	71.28 1.47 0.00	64.86 1.40 0.00	58.55 1.32 0.00	53.26 1.15 0.00	48.50 1.00 0.00	46.56 1.09 0.00

CORONA__69_KV_TB1 355595	47.00 3.32 0.00	43.98 3.14 0.00	44.04 2.96 0.00	44.06 2.96 0.00	45.57 3.22 0.00	50.26 3.46 0.00	66.48 4.46 0.00	68.24 4.64 0.00	56.62 4.24 0.00	46.64 3.69 0.00	44.49 3.41 0.00	41.15 3.19 0.00	40.57 2.90 0.00	40.18 2.91 0.00	40.24 2.91 0.00	43.58 3.45 0.00	53.68 4.03 -2.85	65.61 4.86 0.00	75.26 5.45 0.00	68.03 4.57 0.00	61.12 3.89 0.00	56.27 4.07 -0.08	53.74 3.51 -2.73	48.20 2.73 0.00
CORTLAND__115KV_TB3 80093	44.03 0.35 0.00	41.12 0.29 0.00	41.33 0.25 0.00	41.35 0.25 0.00	42.57 0.21 0.00	47.31 0.51 0.00	62.88 0.87 0.00	64.17 0.57 0.00	52.75 0.37 0.00	43.08 0.13 0.00	41.16 0.08 0.00	38.04 0.08 0.00	37.82 0.15 0.00	37.42 0.15 0.00	37.48 0.15 0.00	40.33 0.20 0.00	47.04 0.23 0.00	61.00 0.24 0.00	70.51 0.70 0.00	64.16 0.70 0.00	57.92 0.69 0.00	52.69 0.57 0.00	48.02 0.52 0.00	46.11 0.64 0.00
COXSACKIE__GT 23611	47.30 3.62 0.00	44.35 3.51 0.00	44.58 3.49 0.00	44.52 3.41 0.00	45.91 3.56 0.00	50.73 3.93 0.00	67.66 5.64 0.00	68.75 5.15 0.00	55.78 3.40 0.00	45.35 2.40 0.00	42.97 1.89 0.00	39.56 1.59 0.00	39.22 1.55 0.00	38.84 1.57 0.00	38.97 1.64 0.00	42.06 1.93 0.00	49.71 2.90 0.00	65.37 4.61 0.00	75.40 5.59 0.00	68.54 5.08 0.00	61.93 4.69 0.00	56.29 4.17 0.00	51.11 3.61 0.00	49.11 3.64 0.00
CPV_VALLEY__CC1 323721	45.29 1.62 0.00	42.35 1.51 0.00	42.56 1.48 0.00	42.54 1.44 0.00	43.88 1.52 0.00	48.43 1.64 0.00	64.31 2.30 0.00	65.95 2.35 0.00	54.42 2.04 0.00	44.84 1.89 0.00	42.73 1.64 0.00	39.44 1.48 0.00	39.11 1.43 0.00	38.69 1.42 0.00	38.75 1.42 0.00	41.62 1.49 0.00	48.63 1.82 0.00	62.94 2.18 0.00	72.25 2.44 0.00	65.62 2.16 0.00	59.12 1.89 0.00	53.89 1.77 0.00	48.97 1.47 0.00	46.65 1.18 0.00
CPV_VALLEY__CC2 323722	45.29 1.62 0.00	42.35 1.51 0.00	42.56 1.48 0.00	42.54 1.44 0.00	43.88 1.52 0.00	48.43 1.64 0.00	64.31 2.30 0.00	65.95 2.35 0.00	54.42 2.04 0.00	44.84 1.89 0.00	42.73 1.64 0.00	39.44 1.48 0.00	39.11 1.43 0.00	38.69 1.42 0.00	38.75 1.42 0.00	41.62 1.49 0.00	48.63 1.82 0.00	62.94 2.18 0.00	72.25 2.44 0.00	65.62 2.16 0.00	59.12 1.89 0.00	53.89 1.77 0.00	48.97 1.47 0.00	46.65 1.18 0.00
CRESCENT__HYD 24018	46.03 2.36 0.00	43.08 2.24 0.00	43.30 2.22 0.00	43.32 2.22 0.00	44.64 2.29 0.00	49.27 2.48 0.00	65.30 3.28 0.00	66.90 3.31 0.00	55.05 2.67 0.00	45.18 2.23 0.00	43.09 2.01 0.00	39.63 1.67 0.00	39.29 1.62 0.00	38.87 1.60 0.00	38.97 1.64 0.00	41.94 1.81 0.00	49.15 2.34 0.00	63.73 2.98 0.00	72.96 3.14 0.00	66.19 2.73 0.00	59.75 2.52 0.00	54.46 2.35 0.00	49.59 2.09 0.00	47.52 2.05 0.00
CRICKET__VALLEY_CC1 323756	45.73 2.05 0.00	42.76 1.92 0.00	42.98 1.89 0.00	43.00 1.89 0.00	44.30 1.95 0.00	48.85 2.06 0.00	64.81 2.79 0.00	66.53 2.93 0.00	54.95 2.57 0.00	45.22 2.27 0.00	43.13 2.05 0.00	39.78 1.82 0.00	39.45 1.77 0.00	39.06 1.79 0.00	39.09 1.76 0.00	41.98 1.85 0.00	49.05 2.25 0.00	63.55 2.80 0.00	72.67 2.86 0.00	65.93 2.47 0.00	59.46 2.23 0.00	54.25 2.14 0.00	49.30 1.80 0.00	46.97 1.50 0.00
CRICKET__VALLEY_CC2 323757	45.73 2.05 0.00	42.76 1.92 0.00	42.98 1.89 0.00	43.00 1.89 0.00	44.30 1.95 0.00	48.85 2.06 0.00	64.81 2.79 0.00	66.53 2.93 0.00	54.95 2.57 0.00	45.22 2.27 0.00	43.13 2.05 0.00	39.78 1.82 0.00	39.45 1.77 0.00	39.06 1.79 0.00	39.09 1.76 0.00	41.98 1.85 0.00	49.05 2.25 0.00	63.55 2.80 0.00	72.67 2.86 0.00	65.93 2.47 0.00	59.46 2.23 0.00	54.25 2.14 0.00	49.30 1.80 0.00	46.97 1.50 0.00
CRICKET__VALLEY_CC3 323758	45.73 2.05 0.00	42.76 1.92 0.00	42.98 1.89 0.00	43.00 1.89 0.00	44.30 1.95 0.00	48.85 2.06 0.00	64.81 2.79 0.00	66.53 2.93 0.00	54.95 2.57 0.00	45.22 2.27 0.00	43.13 2.05 0.00	39.78 1.82 0.00	39.45 1.77 0.00	39.06 1.79 0.00	39.09 1.76 0.00	41.98 1.85 0.00	49.05 2.25 0.00	63.55 2.80 0.00	72.67 2.86 0.00	65.93 2.47 0.00	59.46 2.23 0.00	54.25 2.14 0.00	49.30 1.80 0.00	46.97 1.50 0.00
CRUCIBLE__METL_DRP 24180	43.37 -0.31 0.00	40.55 -0.29 0.00	40.76 -0.33 0.00	40.78 -0.33 0.00	41.97 -0.38 0.00	46.61 -0.19 0.00	61.89 -0.12 0.00	63.28 -0.32 0.00	52.07 -0.31 0.00	42.65 -0.30 0.00	40.83 -0.25 0.00	37.77 -0.19 0.00	37.56 -0.11 0.00	37.12 -0.15 0.00	37.15 -0.19 0.00	39.93 -0.20 0.00	46.48 -0.33 0.00	59.90 -0.85 0.00	69.11 -0.70 0.00	62.82 -0.63 0.00	56.72 -0.52 0.00	51.65 -0.47 0.00	47.07 -0.43 0.00	45.20 -0.27 0.00
DAHOWA__HYDRO 323763	46.99 3.32 0.00	44.06 3.23 0.00	44.25 3.16 0.00	44.31 3.21 0.00	45.66 3.31 0.00	50.54 3.74 0.00	67.16 5.14 0.00	68.69 5.09 0.00	56.10 3.72 0.00	45.87 2.92 0.00	43.67 2.59 0.00	39.97 2.01 0.00	39.63 1.96 0.00	39.17 1.90 0.00	39.35 2.01 0.00	42.54 2.41 0.00	50.13 3.32 0.00	65.00 4.25 0.00	74.70 4.89 0.00	67.65 4.19 0.00	61.07 3.84 0.00	55.61 3.49 0.00	50.54 3.04 0.00	48.47 3.00 0.00
DANC__LFGE 323619	44.51 0.83 -0.01	41.37 0.53 0.00	41.58 0.49 0.00	41.68 0.58 0.00	42.99 0.64 0.00	47.92 1.12 0.00	63.69 1.68 0.00	64.94 1.34 0.00	52.96 0.58 0.00	42.86 -0.09 0.00	41.00 -0.08 0.00	37.81 -0.15 0.00	37.60 -0.08 0.00	37.16 -0.11 0.00	37.26 -0.07 0.00	40.25 0.12 0.00	47.04 0.24 0.00	60.63 -0.12 0.00	69.95 0.14 0.00	63.78 0.32 0.00	57.52 0.29 0.00	52.43 0.31 0.00	47.74 0.24 0.00	45.75 0.27 0.00
DANSKAMMER__1 23586	46.30 2.62 0.00	43.33 2.49 0.00	43.51 2.42 0.00	43.49 2.38 0.00	44.85 2.50 0.00	49.46 2.67 0.00	65.86 3.85 0.00	67.48 3.88 0.00	55.58 3.20 0.00	45.74 2.79 0.00	43.50 2.42 0.00	40.12 2.16 0.00	39.78 2.11 0.00	39.39 2.12 0.00	39.42 2.09 0.00	42.38 2.25 0.00	49.66 2.86 0.00	64.40 3.64 0.00	73.86 4.05 0.00	67.07 3.62 0.00	60.44 3.20 0.00	55.03 2.92 0.00	49.97 2.47 0.00	47.61 2.14 0.00
DANSKAMMER__2 23589	46.30 2.62 0.00	43.33 2.49 0.00	43.51 2.42 0.00	43.49 2.38 0.00	44.85 2.50 0.00	49.46 2.67 0.00	65.86 3.85 0.00	67.48 3.88 0.00	55.58 3.20 0.00	45.74 2.79 0.00	43.50 2.42 0.00	40.12 2.16 0.00	39.78 2.11 0.00	39.39 2.12 0.00	39.42 2.09 0.00	42.38 2.25 0.00	49.66 2.86 0.00	64.40 3.64 0.00	73.86 4.05 0.00	67.07 3.62 0.00	60.44 3.20 0.00	55.03 2.92 0.00	49.97 2.47 0.00	47.61 2.14 0.00
DANSKAMMER__3 23590	46.30 2.62 0.00	43.33 2.49 0.00	43.51 2.42 0.00	43.49 2.38 0.00	44.85 2.50 0.00	49.46 2.67 0.00	65.86 3.85 0.00	67.48 3.88 0.00	55.58 3.20 0.00	45.74 2.79 0.00	43.50 2.42 0.00	40.12 2.16 0.00	39.78 2.11 0.00	39.39 2.12 0.00	39.42 2.09 0.00	42.38 2.25 0.00	49.66 2.86 0.00	64.40 3.64 0.00	73.86 4.05 0.00	67.07 3.62 0.00	60.44 3.20 0.00	55.03 2.92 0.00	49.97 2.47 0.00	47.61 2.14 0.00

DANSKAMMER___4 23591	46.30 2.62 0.00	43.33 2.49 0.00	43.51 2.42 0.00	43.49 2.38 0.00	44.85 2.50 0.00	49.46 2.67 0.00	65.86 3.85 0.00	67.48 3.88 0.00	55.58 3.20 0.00	45.74 2.79 0.00	43.50 2.42 0.00	40.12 2.16 0.00	39.78 2.11 0.00	39.39 2.12 0.00	39.42 2.09 0.00	42.38 2.25 0.00	49.66 2.86 0.00	64.40 3.64 0.00	73.86 4.05 0.00	67.07 3.62 0.00	60.44 3.20 0.00	55.03 2.92 0.00	49.97 2.47 0.00	47.61 2.14 0.00
DANSKAMMER___DIESEL 23592	46.30 2.62 0.00	43.33 2.49 0.00	43.51 2.42 0.00	43.49 2.38 0.00	44.85 2.50 0.00	49.46 2.67 0.00	65.86 3.84 0.00	67.48 3.88 0.00	55.58 3.20 0.00	45.61 2.66 0.00	43.50 2.42 0.00	40.16 2.20 0.00	39.78 2.11 0.00	39.40 2.12 0.00	39.42 2.09 0.00	42.50 2.37 0.00	49.66 2.86 0.00	64.46 3.71 0.00	73.86 4.05 0.00	67.08 3.62 0.00	60.44 3.21 0.00	55.03 2.92 0.00	49.97 2.47 0.00	47.56 2.09 0.00
DARBY___SOLAR 323810	46.82 3.15 0.00	43.90 3.06 0.00	44.08 3.00 0.00	44.15 3.04 0.00	45.49 3.13 0.00	50.31 3.51 0.00	66.85 4.84 0.00	68.30 4.71 0.00	55.89 3.51 0.00	45.74 2.79 0.00	43.55 2.46 0.00	39.90 1.93 0.00	39.56 1.88 0.00	39.10 1.83 0.00	39.23 1.90 0.00	42.42 2.29 0.00	49.94 3.14 0.00	64.76 4.01 0.00	74.35 4.54 0.00	67.39 3.94 0.00	60.84 3.61 0.00	55.40 3.29 0.00	50.35 2.85 0.00	48.29 2.82 0.00
DASHVILLE___HYD 23610	45.90 2.23 0.00	42.92 2.08 0.00	43.14 2.05 0.00	43.12 2.01 0.00	44.47 2.12 0.00	48.99 2.20 0.00	65.18 3.16 0.00	66.78 3.18 0.00	54.95 2.57 0.00	45.09 2.15 0.00	43.01 1.93 0.00	39.75 1.78 0.00	39.37 1.70 0.00	38.99 1.71 0.00	39.01 1.68 0.00	41.98 1.85 0.00	49.10 2.29 0.00	63.73 2.98 0.00	73.02 3.21 0.00	66.31 2.86 0.00	59.75 2.52 0.00	54.46 2.35 0.00	49.49 1.99 0.00	47.16 1.68 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	47.08 3.41 0.00	44.10 3.27 0.00	44.08 3.00 0.00	44.15 3.04 0.00	45.83 3.47 0.00	50.35 3.56 0.00	65.98 3.97 0.00	67.99 4.39 0.00	56.78 4.40 0.00	46.98 4.04 0.00	44.49 3.41 0.00	41.19 3.23 0.00	40.35 2.67 0.00	39.77 2.50 0.00	39.95 2.61 0.00	43.54 3.41 0.00	50.61 3.56 -0.24	65.19 4.43 0.00	75.12 5.31 0.00	67.20 3.74 0.00	60.32 3.09 0.00	56.34 4.22 -0.01	51.48 3.75 -0.23	48.20 2.73 0.00
DELAWARE___LFGE 323621	45.07 1.40 0.00	42.06 1.23 0.00	42.36 1.27 0.00	42.38 1.27 0.00	43.71 1.36 0.00	48.38 1.59 0.00	64.25 2.23 0.00	65.82 2.23 0.00	54.16 1.78 0.00	44.28 1.33 0.00	42.27 1.19 0.00	39.06 1.10 0.00	38.80 1.13 0.00	38.35 1.08 0.00	38.41 1.08 0.00	41.34 1.20 0.00	48.30 1.50 0.00	62.76 2.00 0.00	72.19 2.37 0.00	65.62 2.16 0.00	59.12 1.89 0.00	53.89 1.77 0.00	49.02 1.52 0.00	46.88 1.41 0.00
DERFIELD_115KV_TB7 355931	44.16 0.48 0.00	41.25 0.41 0.00	41.50 0.41 0.00	41.52 0.41 0.00	42.78 0.42 0.00	47.26 0.47 0.00	62.63 0.62 0.00	64.23 0.64 0.00	52.91 0.52 0.00	43.38 0.43 0.00	41.45 0.37 0.00	38.30 0.34 0.00	38.01 0.34 0.00	37.61 0.34 0.00	37.67 0.34 0.00	40.49 0.36 0.00	47.28 0.47 0.00	61.48 0.73 0.00	70.58 0.77 0.00	64.09 0.63 0.00	57.80 0.57 0.00	52.69 0.57 0.00	47.97 0.47 0.00	45.93 0.45 0.00
DOGLEVILLE___HYD 23807	43.98 0.31 0.00	41.04 0.21 0.00	41.29 0.21 0.00	41.35 0.25 0.00	42.61 0.26 0.00	47.17 0.37 0.00	62.57 0.56 0.00	64.10 0.51 0.00	52.70 0.32 0.00	43.16 0.22 0.00	41.25 0.16 0.00	38.11 0.15 0.00	37.83 0.15 0.00	37.42 0.15 0.00	37.48 0.15 0.00	40.29 0.16 0.00	47.14 0.33 0.00	61.36 0.61 0.00	70.58 0.77 0.00	64.16 0.70 0.00	57.92 0.69 0.00	52.74 0.63 0.00	47.97 0.47 0.00	45.88 0.41 0.00
DUNKIRK___115KV_TB_200 55889	42.24 -1.44 0.00	39.45 -1.39 0.00	39.52 -1.56 0.00	39.50 -1.60 0.00	40.70 -1.65 0.00	45.39 -1.40 0.00	60.03 -1.98 0.00	60.04 -3.56 0.00	49.82 -2.57 0.00	40.54 -2.41 0.00	38.86 -2.22 0.00	35.80 -2.16 0.00	35.83 -1.85 0.00	35.44 -1.83 0.00	35.50 -1.83 0.00	38.41 -1.73 0.00	44.09 -2.71 0.00	56.62 -4.13 0.00	66.11 -3.70 0.00	60.54 -2.92 0.00	55.11 -2.12 0.00	50.50 -1.62 0.00	46.74 -0.76 0.00	45.93 0.45 0.00
DUNKIRK___1 23563	42.24 -1.44 0.00	39.45 -1.39 0.00	39.52 -1.56 0.00	39.50 -1.60 0.00	40.70 -1.65 0.00	45.39 -1.40 0.00	60.03 -1.98 0.00	60.04 -3.56 0.00	49.82 -2.57 0.00	40.54 -2.41 0.00	38.86 -2.22 0.00	35.80 -2.16 0.00	35.83 -1.85 0.00	35.44 -1.83 0.00	35.50 -1.83 0.00	38.41 -1.73 0.00	44.09 -2.71 0.00	56.62 -4.13 0.00	66.11 -3.70 0.00	60.54 -2.92 0.00	55.11 -2.12 0.00	50.50 -1.62 0.00	46.74 -0.76 0.00	45.93 0.45 0.00
DUNKIRK___2 23564	42.24 -1.44 0.00	39.45 -1.39 0.00	39.52 -1.56 0.00	39.50 -1.60 0.00	40.70 -1.65 0.00	45.39 -1.40 0.00	60.03 -1.98 0.00	60.04 -3.56 0.00	49.82 -2.57 0.00	40.54 -2.41 0.00	38.86 -2.22 0.00	35.80 -2.16 0.00	35.83 -1.85 0.00	35.44 -1.83 0.00	35.50 -1.83 0.00	38.41 -1.73 0.00	44.09 -2.71 0.00	56.62 -4.13 0.00	66.11 -3.70 0.00	60.54 -2.92 0.00	55.11 -2.12 0.00	50.50 -1.62 0.00	46.74 -0.76 0.00	45.93 0.45 0.00
DUNKIRK___3 23565	42.15 -1.53 0.00	39.41 -1.43 0.00	39.48 -1.60 0.00	39.46 -1.64 0.00	40.66 -1.69 0.00	45.34 -1.45 0.00	59.97 -2.05 0.00	59.97 -3.63 0.00	49.71 -2.67 0.00	40.50 -2.45 0.00	38.86 -2.22 0.00	35.80 -2.16 0.00	35.83 -1.85 0.00	35.44 -1.83 0.00	35.50 -1.83 0.00	38.37 -1.77 0.00	44.09 -2.71 0.00	56.56 -4.19 0.00	65.97 -3.84 0.00	60.35 -3.11 0.00	54.89 -2.35 0.00	50.24 -1.88 0.00	46.50 -1.00 0.00	45.70 0.23 0.00
DUNKIRK___4 23566	42.15 -1.53 0.00	39.41 -1.43 0.00	39.48 -1.60 0.00	39.46 -1.64 0.00	40.66 -1.69 0.00	45.34 -1.45 0.00	59.97 -2.05 0.00	59.97 -3.63 0.00	49.71 -2.67 0.00	40.50 -2.45 0.00	38.86 -2.22 0.00	35.80 -2.16 0.00	35.83 -1.85 0.00	35.44 -1.83 0.00	35.50 -1.83 0.00	38.37 -1.77 0.00	44.09 -2.71 0.00	56.56 -4.19 0.00	65.97 -3.84 0.00	60.35 -3.11 0.00	54.89 -2.35 0.00	50.24 -1.88 0.00	46.50 -1.00 0.00	45.70 0.23 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	46.34 2.66 0.00	43.33 2.49 0.00	43.47 2.38 0.00	43.49 2.38 0.00	44.90 2.54 0.00	49.51 2.71 0.00	65.86 3.84 0.00	67.67 4.07 0.00	55.89 3.51 0.00	46.08 3.14 0.00	44.00 2.92 0.00	40.66 2.70 0.00	40.24 2.56 0.00	39.81 2.53 0.00	39.83 2.50 0.00	42.90 2.77 0.00	49.99 3.18 0.00	64.70 3.95 0.00	74.07 4.26 0.00	67.20 3.74 0.00	60.49 3.26 0.00	55.19 3.07 0.00	50.06 2.56 0.00	47.52 2.05 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	45.95 2.27 0.00	42.96 2.12 0.00	43.14 2.05 0.00	43.12 2.01 0.00	44.52 2.16 0.00	49.04 2.25 0.00	65.30 3.29 0.00	66.97 3.37 0.00	55.11 2.72 0.00	45.31 2.36 0.00	43.22 2.14 0.00	39.93 1.97 0.00	39.56 1.88 0.00	39.13 1.86 0.00	39.20 1.87 0.00	42.22 2.09 0.00	49.29 2.48 0.00	63.91 3.16 0.00	73.23 3.42 0.00	66.51 3.05 0.00	59.92 2.69 0.00	54.62 2.50 0.00	49.59 2.09 0.00	47.20 1.73 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	46.61 2.93 -0.01	43.54 2.70 -0.01	43.68 2.59 -0.01	43.70 2.59 -0.01	45.07 2.71 0.00	49.55 2.76 0.00	65.80 3.78 0.00	67.80 4.20 0.00	55.94 3.56 0.00	46.33 3.39 0.01	44.21 3.12 -0.01	40.85 2.89 -0.01	40.43 2.75 -0.01	40.04 2.76 -0.01	40.03 2.69 -0.01	43.11 2.97 -0.01	50.22 3.42 0.00	65.07 4.31 0.00	74.21 4.40 0.00	67.39 3.93 0.00	60.61 3.38 0.00	55.35 3.23 0.00	50.21 2.71 0.00	47.66 2.18 0.00
E179THST_13_KV_LOAD 356214	46.79 3.10 -0.01	43.70 2.86 -0.01	43.85 2.75 -0.01	43.87 2.75 -0.01	45.24 2.88 0.00	49.74 2.95 0.00	66.04 4.03 0.00	68.11 4.52 0.00	56.21 3.82 0.00	46.50 3.56 0.01	44.38 3.29 -0.01	41.04 3.07 -0.01	40.58 2.90 -0.01	40.19 2.91 -0.01	40.18 2.84 -0.01	43.27 3.13 -0.01	50.46 3.65 0.00	65.37 4.62 0.00	74.56 4.75 0.00	67.71 4.25 0.00	60.90 3.66 0.00	55.61 3.49 0.00	50.40 2.90 0.00	47.88 2.41 0.00
EAST HAMPTON___GT 23717	46.73 3.06 0.00	43.69 2.86 0.00	43.68 2.59 0.00	43.82 2.71 0.00	45.15 2.79 0.00	49.98 3.18 0.00	65.61 3.60 0.00	67.16 3.56 0.00	56.52 4.14 0.00	46.77 3.82 0.00	43.88 2.79 0.00	40.50 2.54 0.00	39.74 2.07 0.00	39.10 1.83 0.00	39.38 2.05 0.00	42.83 2.69 -0.01	49.90 2.86 -0.24	63.49 2.74 0.00	74.28 4.47 0.00	66.50 3.05 0.00	59.92 2.69 0.00	56.14 4.01 -0.02	51.20 3.47 -0.24	48.06 2.59 0.00
EAST RIVER___6 23660	46.43 2.75 0.00	43.41 2.57 0.00	43.55 2.46 0.00	43.57 2.47 0.00	44.90 2.54 0.00	49.55 2.76 0.00	66.04 4.03 0.00	67.93 4.33 0.00	56.16 3.77 0.00	46.47 3.52 0.00	44.24 3.16 0.00	40.84 2.88 0.00	40.46 2.79 0.00	40.03 2.76 0.00	40.02 2.69 0.00	42.90 2.77 0.00	50.13 3.32 0.00	64.82 4.07 0.00	74.21 4.40 0.00	67.39 3.94 0.00	60.61 3.38 0.00	55.30 3.18 0.00	50.11 2.61 0.00	47.57 2.09 0.00
EAST RIVER___7 23524	46.43 2.75 0.00	43.41 2.57 0.00	43.55 2.46 0.00	43.57 2.47 0.00	44.90 2.54 0.00	49.55 2.76 0.00	66.04 4.03 0.00	67.93 4.33 0.00	56.16 3.77 0.00	46.47 3.52 0.00	44.24 3.16 0.00	40.84 2.88 0.00	40.46 2.79 0.00	40.03 2.76 0.00	40.02 2.69 0.00	42.90 2.77 0.00	50.13 3.32 0.00	64.82 4.07 0.00	74.21 4.40 0.00	67.39 3.94 0.00	60.61 3.38 0.00	55.30 3.18 0.00	50.11 2.61 0.00	47.57 2.09 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	46.25 2.58 0.00	43.25 2.41 0.00	43.43 2.34 0.00	43.41 2.30 0.00	44.81 2.46 0.00	49.41 2.62 0.00	65.73 3.72 0.00	67.48 3.88 0.00	55.73 3.35 0.00	45.91 2.96 0.00	43.83 2.75 0.00	40.50 2.54 0.00	40.09 2.41 0.00	39.69 2.42 0.00	39.68 2.35 0.00	42.78 2.65 0.00	49.85 3.04 0.00	64.52 3.77 0.00	73.86 4.05 0.00	67.01 3.55 0.00	60.38 3.15 0.00	55.03 2.92 0.00	49.97 2.47 0.00	47.43 1.96 0.00
EAST_HAMPTON___DIESEL 23722	46.60 2.93 0.00	43.57 2.74 0.00	43.55 2.46 0.00	43.74 2.63 0.00	45.07 2.71 0.00	49.88 3.09 0.00	65.48 3.47 0.00	67.03 3.43 0.00	56.42 4.03 0.00	46.68 3.73 0.00	43.75 2.67 0.00	40.43 2.47 0.00	39.67 2.00 0.00	38.99 1.72 0.00	39.27 1.94 0.00	42.71 2.57 -0.01	49.76 2.71 -0.24	63.30 2.55 0.00	74.07 4.26 0.00	66.32 2.86 0.00	59.75 2.52 0.00	56.04 3.91 -0.02	51.11 3.37 -0.24	47.97 2.50 0.00
EAST_POINT___SOLAR 323840	46.60 2.93 0.00	43.65 2.82 0.00	43.80 2.71 0.00	43.94 2.83 0.00	45.36 3.01 0.00	50.40 3.60 0.00	67.22 5.21 0.00	68.69 5.09 0.00	54.90 2.51 0.00	44.06 1.11 0.00	41.20 0.12 0.00	37.70 -0.26 0.00	37.26 -0.41 0.00	36.86 -0.41 0.00	36.92 -0.41 0.00	40.33 0.20 0.00	49.29 2.48 0.00	65.55 4.80 0.00	75.74 5.93 0.00	68.66 5.20 0.00	62.09 4.86 0.00	56.39 4.27 0.00	51.06 3.56 0.00	48.93 3.45 0.00
EAST_PULASKI___ESR 323781	43.99 0.31 0.00	41.00 0.16 0.00	41.21 0.12 0.00	41.23 0.12 0.00	42.53 0.17 0.00	47.31 0.52 0.00	62.95 0.93 0.00	64.23 0.64 0.00	52.59 0.21 0.00	42.78 -0.17 0.00	40.96 -0.12 0.00	37.81 -0.15 0.00	37.60 -0.08 0.00	37.16 -0.11 0.00	37.22 -0.11 0.00	40.13 0.00 0.00	46.85 0.05 0.00	59.60 -1.16 0.00	68.77 -1.05 0.00	62.57 -0.89 0.00	56.49 -0.75 0.00	51.49 -0.62 0.00	46.93 -0.57 0.00	45.02 -0.45 0.00
EAST_RIVER___1 323558	46.47 2.80 0.00	43.45 2.62 0.00	43.59 2.51 0.00	43.57 2.47 0.00	44.94 2.58 0.00	49.60 2.81 0.00	66.11 4.09 0.00	67.98 4.38 0.00	56.16 3.77 0.00	46.47 3.52 0.00	44.24 3.16 0.00	40.84 2.88 0.00	40.46 2.79 0.00	40.03 2.76 0.00	40.02 2.69 0.00	42.90 2.77 0.00	50.13 3.32 0.00	64.82 4.07 0.00	74.28 4.47 0.00	67.39 3.94 0.00	60.67 3.43 0.00	55.35 3.23 0.00	50.11 2.61 0.00	47.61 2.14 0.00
EAST_RIVER___2 323559	46.43 2.75 0.00	43.41 2.57 0.00	43.55 2.46 0.00	43.57 2.47 0.00	44.90 2.54 0.00	49.55 2.76 0.00	66.04 4.03 0.00	67.93 4.33 0.00	56.16 3.77 0.00	46.47 3.52 0.00	44.24 3.16 0.00	40.84 2.88 0.00	40.46 2.79 0.00	40.03 2.76 0.00	40.02 2.69 0.00	42.90 2.77 0.00	50.13 3.32 0.00	64.82 4.07 0.00	74.21 4.40 0.00	67.39 3.94 0.00	60.61 3.38 0.00	55.30 3.18 0.00	50.11 2.61 0.00	47.57 2.09 0.00
EAST___DELAWARE_HYD 23607	46.60 2.93 0.00	43.65 2.82 0.00	43.84 2.75 0.00	43.82 2.71 0.00	45.19 2.84 0.00	49.83 3.04 0.00	66.42 4.40 0.00	67.93 4.33 0.00	55.74 3.36 0.00	45.70 2.75 0.00	43.38 2.30 0.00	40.05 2.09 0.00	39.59 1.92 0.00	39.13 1.86 0.00	39.20 1.87 0.00	42.10 1.97 0.00	49.38 2.57 0.00	64.21 3.46 0.00	73.79 3.98 0.00	67.07 3.62 0.00	60.44 3.20 0.00	55.03 2.92 0.00	49.97 2.47 0.00	47.61 2.14 0.00
EIGHT_POINT___WT_PWR 323820	41.01 -2.67 0.00	38.34 -2.49 0.00	38.50 -2.59 0.00	38.52 -2.59 0.00	39.77 -2.59 0.00	44.46 -2.34 0.00	59.04 -2.98 0.00	59.59 -4.00 0.00	48.61 -3.77 0.00	39.47 -3.48 0.00	37.59 -3.49 0.00	34.66 -3.30 0.00	34.59 -3.09 0.00	34.14 -3.13 0.00	34.16 -3.17 0.00	36.84 -3.29 0.00	43.16 -3.65 0.00	56.19 -4.56 0.00	66.11 -3.70 0.00	60.80 -2.66 0.00	55.40 -1.83 0.00	50.60 -1.51 0.00	46.41 -1.09 0.00	45.11 -0.37 0.00
ELBRIDGE_115KV_TB2 80188	42.94 -0.74 0.00	40.18 -0.65 0.00	40.39 -0.70 0.00	40.37 -0.74 0.00	41.59 -0.76 0.00	46.14 -0.66 0.00	61.27 -0.74 0.00	62.58 -1.02 0.00	51.54 -0.84 0.00	42.22 -0.73 0.00	40.46 -0.62 0.00	37.43 -0.53 0.00	37.18 -0.49 0.00	36.79 -0.48 0.00	36.81 -0.52 0.00	39.53 -0.60 0.00	46.01 -0.80 0.00	59.48 -1.28 0.00	68.62 -1.19 0.00	62.38 -1.08 0.00	56.37 -0.86 0.00	51.33 -0.78 0.00	46.79 -0.71 0.00	44.97 -0.50 0.00
ELEC_TRO_TEK 24086	46.73 3.06 0.00	43.74 2.90 0.00	43.80 2.71 0.00	43.82 2.71 0.00	45.32 2.96 0.00	50.02 3.23 0.00	66.11 4.09 0.00	67.92 4.32 0.00	56.36 3.98 0.00	46.43 3.48 0.00	44.33 3.25 0.00	41.00 3.04 0.00	40.39 2.71 0.00	39.99 2.72 0.00	40.06 2.73 0.00	43.38 3.25 0.00	51.93 3.74 -1.38	65.19 4.43 0.00	74.77 4.96 0.00	67.52 4.06 0.00	60.72 3.49 0.00	55.86 3.70 -0.04	51.95 3.13 -1.32	47.93 2.46 0.00

ELLENBURG_WT_PWR 323604	41.79 -1.88 0.01	39.00 -1.84 0.00	39.32 -1.77 0.00	39.38 -1.72 0.00	40.66 -1.70 0.00	44.78 -2.01 0.00	59.47 -2.55 0.00	61.18 -2.42 0.00	50.23 -2.15 0.00	40.97 -1.97 0.00	39.15 -1.93 0.00	36.22 -1.75 0.00	35.87 -1.81 0.00	35.45 -1.83 0.00	35.58 -1.75 0.00	38.25 -1.89 0.00	44.84 -1.96 0.00	58.75 -2.00 0.00	67.72 -2.09 0.00	61.88 -1.58 0.00	55.52 -1.72 0.00	50.24 -1.87 0.00	45.88 -1.62 0.00	43.84 -1.64 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	41.67 -2.01 0.00	38.96 -1.88 0.00	39.03 -2.05 0.00	39.01 -2.10 0.00	40.20 -2.16 0.00	44.83 -1.97 0.00	59.16 -2.85 0.00	59.21 -4.39 0.00	49.13 -3.25 0.00	40.11 -2.83 0.00	38.53 -2.55 0.00	35.53 -2.43 0.00	35.60 -2.07 0.00	35.22 -2.05 0.00	35.28 -2.05 0.00	38.09 -2.05 0.00	43.72 -3.09 0.00	55.89 -4.86 0.00	65.06 -4.75 0.00	59.40 -4.06 0.00	54.03 -3.21 0.00	49.51 -2.61 0.00	45.84 -1.66 0.00	45.06 -0.41 0.00
EMPIRE_CC_1 323656	45.47 1.79 0.00	42.55 1.71 0.00	42.81 1.73 0.00	42.83 1.73 0.00	44.13 1.78 0.00	48.62 1.82 0.00	64.24 2.23 0.00	65.82 2.22 0.00	54.26 1.88 0.00	44.67 1.72 0.00	42.68 1.60 0.00	39.10 1.14 0.00	38.77 1.09 0.00	38.39 1.12 0.00	38.42 1.08 0.00	41.30 1.16 0.00	48.30 1.50 0.00	62.88 2.13 0.00	71.76 1.95 0.00	65.17 1.71 0.00	58.83 1.60 0.00	53.68 1.56 0.00	48.83 1.33 0.00	46.93 1.45 0.00
EMPIRE_CC_2 323658	45.47 1.79 0.00	42.55 1.71 0.00	42.81 1.73 0.00	42.83 1.73 0.00	44.13 1.78 0.00	48.62 1.82 0.00	64.24 2.23 0.00	65.82 2.22 0.00	54.26 1.88 0.00	44.67 1.72 0.00	42.68 1.60 0.00	39.10 1.14 0.00	38.77 1.09 0.00	38.39 1.12 0.00	38.42 1.08 0.00	41.30 1.16 0.00	48.30 1.50 0.00	62.88 2.13 0.00	71.76 1.95 0.00	65.17 1.71 0.00	58.83 1.60 0.00	53.68 1.56 0.00	48.83 1.33 0.00	46.93 1.45 0.00
ENORWICH_115KV_TB1 80156	46.38 2.71 0.00	43.04 2.21 0.00	43.18 2.10 0.00	43.37 2.26 0.00	44.73 2.37 0.00	50.30 3.51 0.00	67.16 5.15 0.00	68.37 4.77 0.00	55.73 3.35 0.00	44.88 1.93 0.00	42.64 1.56 0.00	39.21 1.25 0.00	39.18 1.51 0.00	38.69 1.42 0.00	38.94 1.61 0.00	42.18 2.05 0.00	49.62 2.81 0.00	65.00 4.25 0.00	76.02 6.21 0.00	69.11 5.65 0.00	62.21 4.98 0.00	56.60 4.48 0.00	51.39 3.89 0.00	49.43 3.96 0.00
ERIE_ST_34_KV_TB1-2 80199	42.58 -1.09 0.00	39.78 -1.06 0.00	39.85 -1.23 0.00	39.83 -1.27 0.00	41.04 -1.31 0.00	45.81 -0.98 0.00	60.65 -1.36 0.00	60.48 -3.12 0.00	50.18 -2.20 0.00	40.89 -2.06 0.00	39.27 -1.81 0.00	36.18 -1.78 0.00	36.24 -1.43 0.00	35.89 -1.38 0.00	35.95 -1.38 0.00	38.81 -1.32 0.00	44.65 -2.15 0.00	57.17 -3.58 0.00	66.60 -3.21 0.00	60.86 -2.60 0.00	55.29 -1.95 0.00	50.60 -1.51 0.00	46.79 -0.71 0.00	46.06 0.59 0.00
ERIE_WT_PWR 323693	42.02 -1.66 0.00	39.33 -1.51 0.00	39.36 -1.72 0.00	39.34 -1.77 0.00	40.58 -1.78 0.00	45.20 -1.59 0.00	59.72 -2.29 0.00	59.66 -3.94 0.00	49.50 -2.88 0.00	40.46 -2.49 0.00	38.82 -2.26 0.00	35.91 -2.05 0.00	35.87 -1.81 0.00	35.52 -1.75 0.00	35.54 -1.79 0.00	38.45 -1.68 0.00	44.14 -2.67 0.00	56.74 -4.01 0.00	65.69 -4.12 0.00	59.97 -3.49 0.00	54.54 -2.69 0.00	49.98 -2.14 0.00	46.26 -1.24 0.00	45.43 -0.05 0.00
ESPRGFLD_115KV_TB1 80157	45.34 1.66 0.00	42.31 1.47 0.00	42.56 1.48 0.00	42.67 1.56 0.00	44.01 1.65 0.00	48.90 2.11 0.00	65.24 3.22 0.00	66.71 3.12 0.00	54.42 2.04 0.00	44.15 1.20 0.00	41.90 0.82 0.00	38.61 0.65 0.00	38.35 0.68 0.00	37.90 0.63 0.00	38.00 0.67 0.00	41.06 0.92 0.00	48.49 1.69 0.00	63.55 2.79 0.00	73.37 3.56 0.00	66.63 3.17 0.00	60.15 2.92 0.00	54.67 2.55 0.00	49.59 2.09 0.00	47.47 2.00 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	44.29 0.61 0.00	41.33 0.49 0.00	41.58 0.49 0.00	41.56 0.45 0.00	42.82 0.47 0.00	47.64 0.84 0.00	63.38 1.36 0.00	64.68 1.08 0.00	53.06 0.68 0.00	43.25 0.30 0.00	41.33 0.25 0.00	38.15 0.19 0.00	37.98 0.30 0.00	37.53 0.26 0.00	37.59 0.26 0.00	40.49 0.36 0.00	47.32 0.51 0.00	61.36 0.61 0.00	71.07 1.26 0.00	64.73 1.27 0.00	58.43 1.20 0.00	53.16 1.04 0.00	48.40 0.90 0.00	46.47 1.00 0.00
ETNA____115KV_TB2 80207	44.29 0.61 0.00	41.33 0.49 0.00	41.58 0.49 0.00	41.56 0.45 0.00	42.82 0.47 0.00	47.64 0.84 0.00	63.38 1.36 0.00	64.68 1.08 0.00	53.06 0.68 0.00	43.25 0.30 0.00	41.33 0.25 0.00	38.15 0.19 0.00	37.98 0.30 0.00	37.53 0.26 0.00	37.59 0.26 0.00	40.49 0.36 0.00	47.32 0.51 0.00	61.36 0.61 0.00	71.07 1.26 0.00	64.73 1.27 0.00	58.43 1.20 0.00	53.16 1.04 0.00	48.40 0.90 0.00	46.47 1.00 0.00
EUCLID____115KV_TB2 356179	42.63 -1.05 0.00	39.90 -0.94 0.00	40.10 -0.99 0.00	40.08 -1.03 0.00	41.30 -1.06 0.00	45.76 -1.03 0.00	60.77 -1.24 0.00	62.14 -1.46 0.00	51.18 -1.20 0.00	41.96 -0.99 0.00	40.22 -0.86 0.00	37.20 -0.76 0.00	37.00 -0.68 0.00	36.56 -0.71 0.00	36.62 -0.71 0.00	39.33 -0.80 0.00	45.73 -1.08 0.00	59.05 -1.70 0.00	68.07 -1.75 0.00	61.87 -1.59 0.00	55.92 -1.32 0.00	50.92 -1.20 0.00	46.45 -1.04 0.00	44.61 -0.86 0.00
E_CANADA_CAP_HY 24051	45.73 2.05 0.00	42.80 1.96 0.00	42.98 1.89 0.00	43.08 1.97 0.00	44.47 2.12 0.00	49.32 2.53 0.00	65.80 3.78 0.00	67.29 3.69 0.00	54.53 2.15 0.00	44.15 1.20 0.00	41.70 0.62 0.00	38.30 0.34 0.00	37.94 0.27 0.00	37.50 0.22 0.00	37.60 0.26 0.00	40.74 0.60 0.00	48.68 1.87 0.00	64.21 3.46 0.00	74.14 4.33 0.00	67.27 3.81 0.00	60.78 3.55 0.00	55.24 3.13 0.00	50.06 2.56 0.00	47.93 2.45 0.00
E_CANADA_MHWK_HY 24050	43.98 0.31 0.00	41.04 0.21 0.00	41.29 0.21 0.00	41.35 0.25 0.00	42.61 0.26 0.00	47.17 0.37 0.00	62.57 0.56 0.00	64.10 0.51 0.00	52.70 0.32 0.00	43.16 0.22 0.00	41.25 0.16 0.00	38.11 0.15 0.00	37.83 0.15 0.00	37.42 0.15 0.00	37.48 0.15 0.00	40.29 0.16 0.00	47.14 0.33 0.00	61.36 0.61 0.00	70.58 0.77 0.00	64.16 0.70 0.00	57.92 0.69 0.00	52.74 0.63 0.00	47.97 0.47 0.00	45.88 0.41 0.00
E_FISHKILL____LBMP 23776	45.95 2.27 0.00	42.96 2.12 0.00	43.14 2.05 0.00	43.16 2.06 0.00	44.52 2.16 0.00	49.09 2.29 0.00	65.24 3.22 0.00	66.97 3.37 0.00	55.26 2.88 0.00	45.48 2.53 0.00	43.42 2.34 0.00	40.12 2.16 0.00	39.71 2.03 0.00	39.32 2.05 0.00	39.35 2.02 0.00	42.38 2.25 0.00	49.43 2.62 0.00	64.03 3.28 0.00	73.23 3.42 0.00	66.44 2.98 0.00	59.87 2.63 0.00	54.62 2.50 0.00	49.59 2.09 0.00	47.20 1.73 0.00
FALCON____SEABRD_CC1 323796	41.13 -2.53 0.01	38.34 -2.49 0.00	38.70 -2.38 0.00	38.80 -2.30 0.00	40.11 -2.25 0.00	44.17 -2.62 0.00	58.85 -3.16 0.00	60.55 -3.05 0.00	49.60 -2.78 0.00	40.37 -2.58 0.00	38.53 -2.55 0.00	35.68 -2.28 0.00	35.30 -2.37 0.00	34.88 -2.39 0.00	35.02 -2.31 0.00	37.68 -2.45 0.00	44.23 -2.57 0.00	58.14 -2.61 0.00	67.23 -2.58 0.00	61.56 -1.90 0.00	55.17 -2.06 0.00	49.77 -2.34 0.00	45.41 -2.09 0.00	43.38 -2.09 0.00

FALCON___SEABRD_CC2 323797	41.13 -2.53 0.01	38.34 -2.49 0.00	38.70 -2.38 0.00	38.80 -2.30 0.00	40.11 -2.25 0.00	44.17 -2.62 0.00	58.85 -3.16 0.00	60.55 -3.05 0.00	49.60 -2.78 0.00	40.37 -2.58 0.00	38.53 -2.55 0.00	35.68 -2.28 0.00	35.30 -2.37 0.00	34.88 -2.39 0.00	35.02 -2.31 0.00	37.68 -2.45 0.00	44.23 -2.57 0.00	58.14 -2.61 0.00	67.23 -2.58 0.00	61.56 -1.90 0.00	55.17 -2.06 0.00	49.77 -2.34 0.00	45.41 -2.09 0.00	43.38 -2.09 0.00
FAR ROCKAWAY___4 23548	47.52 3.84 0.00	44.47 3.63 0.00	44.50 3.41 0.00	44.52 3.41 0.00	46.08 3.73 0.00	50.87 4.07 0.00	67.35 5.33 0.00	69.07 5.47 0.00	57.20 4.82 0.00	47.11 4.17 0.00	44.94 3.86 0.00	41.57 3.61 0.00	40.95 3.28 0.00	40.55 3.28 0.00	40.62 3.29 0.00	44.07 3.93 0.00	54.49 4.68 -3.00	66.52 5.77 0.00	76.37 6.56 0.00	68.98 5.52 0.00	61.98 4.75 0.00	57.00 4.79 -0.09	54.56 4.18 -2.88	48.79 3.32 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	46.52 2.84 0.00	43.49 2.65 0.00	43.59 2.51 0.00	43.61 2.51 0.00	45.02 2.67 0.00	49.60 2.81 0.00	66.11 4.09 0.00	67.99 4.39 0.00	56.15 3.77 0.00	46.38 3.44 0.00	44.28 3.20 0.00	40.92 2.96 0.00	40.46 2.79 0.00	40.07 2.80 0.00	40.06 2.73 0.00	43.14 3.01 0.00	50.22 3.42 0.00	65.00 4.25 0.00	74.28 4.47 0.00	67.46 4.00 0.00	60.67 3.43 0.00	55.35 3.23 0.00	50.16 2.66 0.00	47.61 2.14 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	46.52 2.84 0.00	43.49 2.65 0.00	43.59 2.51 0.00	43.61 2.51 0.00	45.02 2.67 0.00	49.60 2.81 0.00	66.11 4.09 0.00	67.99 4.39 0.00	56.10 3.72 0.00	46.38 3.44 0.00	44.24 3.16 0.00	40.92 2.96 0.00	40.46 2.79 0.00	40.07 2.80 0.00	40.06 2.73 0.00	43.10 2.97 0.00	50.22 3.42 0.00	65.00 4.25 0.00	74.35 4.54 0.00	67.46 4.00 0.00	60.67 3.43 0.00	55.35 3.23 0.00	50.16 2.66 0.00	47.61 2.14 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	46.47 2.80 0.00	43.45 2.61 0.00	43.59 2.51 0.00	43.61 2.51 0.00	44.98 2.63 0.00	49.60 2.81 0.00	66.11 4.09 0.00	67.99 4.39 0.00	56.10 3.72 0.00	46.38 3.44 0.00	44.24 3.16 0.00	40.88 2.92 0.00	40.46 2.79 0.00	40.07 2.80 0.00	40.02 2.69 0.00	43.10 2.97 0.00	50.18 3.37 0.00	64.94 4.19 0.00	74.28 4.47 0.00	67.39 3.93 0.00	60.67 3.43 0.00	55.29 3.18 0.00	50.16 2.66 0.00	47.56 2.09 0.00
FARRAGUT___LBMP 323566	46.47 2.80 0.00	43.41 2.57 0.00	43.55 2.47 0.00	43.57 2.47 0.00	44.98 2.63 0.00	49.55 2.76 0.00	66.04 4.03 0.00	67.92 4.32 0.00	56.05 3.67 0.00	46.30 3.35 0.00	44.20 3.12 0.00	40.85 2.89 0.00	40.42 2.75 0.00	40.03 2.76 0.00	39.98 2.65 0.00	43.06 2.93 0.00	50.13 3.32 0.00	64.88 4.13 0.00	74.21 4.40 0.00	67.33 3.87 0.00	60.61 3.38 0.00	55.29 3.18 0.00	50.11 2.61 0.00	47.56 2.09 0.00
FENNER___WINDPWR 24204	44.60 0.92 0.00	41.57 0.74 0.00	41.83 0.74 0.00	41.85 0.74 0.00	43.16 0.80 0.00	47.96 1.17 0.00	63.69 1.68 0.00	65.12 1.52 0.00	53.43 1.05 0.00	43.55 0.60 0.00	41.61 0.53 0.00	38.42 0.46 0.00	38.24 0.57 0.00	37.79 0.52 0.00	37.89 0.56 0.00	40.81 0.68 0.00	47.65 0.84 0.00	62.03 1.28 0.00	71.56 1.75 0.00	65.05 1.59 0.00	58.66 1.43 0.00	53.36 1.25 0.00	48.54 1.04 0.00	46.52 1.05 0.00
FIBERTEK___ENERGY 23856	43.37 -0.31 0.00	40.55 -0.29 0.00	40.76 -0.33 0.00	40.78 -0.33 0.00	41.97 -0.38 0.00	46.61 -0.19 0.00	61.89 -0.12 0.00	63.28 -0.32 0.00	52.07 -0.31 0.00	42.65 -0.30 0.00	40.83 -0.25 0.00	37.77 -0.19 0.00	37.56 -0.11 0.00	37.12 -0.15 0.00	37.15 -0.19 0.00	39.93 -0.20 0.00	46.48 -0.33 0.00	59.90 -0.85 0.00	69.11 -0.70 0.00	62.82 -0.63 0.00	56.72 -0.52 0.00	51.65 -0.47 0.00	47.07 -0.43 0.00	45.20 -0.27 0.00
FITZPATRICK____ 23598	41.97 -1.70 0.00	39.33 -1.51 0.00	39.52 -1.56 0.00	39.54 -1.56 0.00	40.70 -1.65 0.00	45.06 -1.73 0.00	59.72 -2.29 0.00	61.12 -2.48 0.00	50.34 -2.04 0.00	41.27 -1.68 0.00	39.68 -1.40 0.00	36.71 -1.25 0.00	36.47 -1.21 0.00	36.08 -1.19 0.00	36.10 -1.23 0.00	38.85 -1.29 0.00	45.08 -1.73 0.00	58.32 -2.43 0.00	67.09 -2.72 0.00	60.98 -2.48 0.00	55.06 -2.17 0.00	50.14 -1.98 0.00	45.79 -1.71 0.00	43.93 -1.55 0.00
FLOWRFLD_69_KV_BK1 356044	47.35 3.67 0.00	44.27 3.43 0.00	44.29 3.20 0.00	44.31 3.21 0.00	45.96 3.60 0.00	50.63 3.84 0.00	66.23 4.22 0.00	68.11 4.52 0.00	56.99 4.61 0.00	47.07 4.12 0.00	44.78 3.70 0.00	41.49 3.53 0.00	40.73 3.05 0.00	40.22 2.94 0.00	40.36 3.02 0.00	43.95 3.81 0.00	51.11 4.03 -0.28	65.73 4.98 0.00	75.54 5.72 0.00	67.84 4.38 0.00	60.84 3.61 0.00	56.55 4.43 -0.01	51.42 3.66 -0.26	48.34 2.86 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	46.38 2.71 0.00	43.41 2.57 0.00	43.59 2.51 0.00	43.57 2.47 0.00	44.94 2.58 0.00	49.55 2.76 0.00	66.04 4.03 0.00	67.67 4.07 0.00	55.68 3.30 0.00	45.70 2.75 0.00	43.55 2.46 0.00	40.24 2.28 0.00	39.86 2.19 0.00	39.43 2.16 0.00	39.50 2.17 0.00	42.54 2.41 0.00	49.76 2.95 0.00	64.64 3.89 0.00	74.00 4.19 0.00	67.20 3.74 0.00	60.55 3.32 0.00	55.14 3.02 0.00	50.06 2.56 0.00	47.66 2.18 0.00
FORT ORANGE____ 23900	45.86 2.18 0.00	42.96 2.12 0.00	43.18 2.09 0.00	43.20 2.10 0.00	44.51 2.16 0.00	49.18 2.39 0.00	65.17 3.16 0.00	66.65 3.05 0.00	54.74 2.36 0.00	44.92 1.98 0.00	42.81 1.73 0.00	39.44 1.48 0.00	39.11 1.43 0.00	38.69 1.42 0.00	38.79 1.45 0.00	41.70 1.56 0.00	48.86 2.06 0.00	63.67 2.92 0.00	73.02 3.21 0.00	66.32 2.86 0.00	59.87 2.63 0.00	54.57 2.45 0.00	49.59 2.09 0.00	47.57 2.09 0.00
FORT_DRUM_COGEN 23780	45.61 1.92 -0.01	42.23 1.39 0.00	42.40 1.31 0.00	42.59 1.48 0.00	43.92 1.57 0.00	49.04 2.25 0.00	65.18 3.16 0.00	66.46 2.86 0.00	53.95 1.57 0.00	43.42 0.47 0.00	41.41 0.33 0.00	38.07 0.11 0.00	37.94 0.26 0.00	37.46 0.19 0.00	37.63 0.30 0.00	40.66 0.52 0.00	47.65 0.84 0.00	62.03 1.28 0.00	71.63 1.82 0.00	65.36 1.90 0.00	58.95 1.72 0.00	53.63 1.51 0.00	48.78 1.28 0.00	46.66 1.18 0.00
FOX_HILLS___ESR 323835	61.32 3.28 -14.37	60.45 3.06 -16.55	60.42 2.96 -16.37	59.66 2.96 -15.60	59.67 3.09 -14.22	61.34 3.14 -11.41	66.17 4.15 0.00	68.67 4.77 -0.30	64.86 4.03 -8.44	64.77 3.69 -18.13	64.79 3.37 -20.35	66.76 3.11 -25.69	66.81 2.98 -26.16	67.92 2.98 -27.67	66.82 2.87 -26.62	65.00 3.29 -21.58	66.18 3.74 -15.63	120.98 4.62 -55.61	115.22 4.96 -40.45	115.25 4.38 -47.41	115.28 3.78 -54.27	66.61 3.54 -10.95	64.89 2.99 -14.40	62.39 2.50 -14.42
FPL FAR_ROCK_GT1 24212	47.52 3.84 0.00	44.39 3.55 0.00	44.45 3.37 0.00	44.52 3.41 0.00	45.95 3.60 0.00	50.86 4.07 0.00	67.35 5.33 0.00	68.94 5.34 0.00	57.25 4.87 0.00	47.20 4.25 0.00	44.94 3.86 0.00	41.49 3.53 0.00	40.95 3.28 0.00	40.51 3.24 0.00	40.62 3.29 0.00	43.91 3.77 -0.01	54.44 4.63 -3.00	66.16 5.41 0.00	76.31 6.49 0.00	68.98 5.52 0.00	62.04 4.81 0.00	57.00 4.79 -0.10	54.56 4.18 -2.89	48.84 3.36 0.00

FPL FAR_ROCK_GT2 23815	47.52 3.84 0.00	44.39 3.55 0.00	44.45 3.37 0.00	44.52 3.41 0.00	45.95 3.60 0.00	50.86 4.07 0.00	67.35 5.33 0.00	68.94 5.34 0.00	57.25 4.87 0.00	47.20 4.25 0.00	44.94 3.86 0.00	41.49 3.53 0.00	40.95 3.28 0.00	40.51 3.24 0.00	40.62 3.29 0.00	43.91 3.77 -0.01	54.44 4.63 -3.00	66.16 5.41 0.00	76.31 6.49 0.00	68.98 5.52 0.00	62.04 4.81 0.00	57.00 4.79 -0.10	54.56 4.18 -2.89	48.84 3.36 0.00
FRANKLIN_FALL_HYD 24054	43.65 -0.09 -0.06	40.51 -0.33 0.00	40.84 -0.25 0.00	40.94 -0.16 0.00	42.31 -0.04 0.00	46.51 -0.28 0.00	61.77 -0.25 0.00	63.34 -0.25 0.00	51.86 -0.52 0.00	42.05 -0.90 0.00	40.05 -1.03 0.00	37.09 -0.87 0.00	36.73 -0.94 0.00	36.26 -1.01 0.00	36.44 -0.90 0.00	39.25 -0.88 0.00	46.06 -0.75 0.00	60.57 -0.18 0.00	68.97 -0.84 0.00	63.01 -0.44 0.00	56.66 -0.57 0.00	51.23 -0.89 0.00	46.93 -0.57 0.00	44.75 -0.73 0.00
FREEPORT_EQUUS_GT1 23764	47.04 3.36 0.00	43.94 3.10 0.00	44.00 2.92 0.00	44.10 3.00 0.00	45.53 3.18 0.00	50.35 3.55 0.00	66.48 4.47 0.00	68.11 4.52 0.00	56.73 4.35 0.00	46.81 3.87 0.00	44.57 3.49 0.00	41.15 3.19 0.00	40.61 2.94 0.00	40.10 2.83 0.00	40.28 2.95 0.00	43.55 3.41 -0.01	52.02 4.03 -1.19	65.25 4.50 0.00	75.26 5.45 0.00	67.97 4.51 0.00	61.18 3.95 0.00	56.28 4.12 -0.04	52.11 3.47 -1.15	48.29 2.82 0.00
FREEPORT___CT2 23818	47.04 3.36 0.00	43.94 3.10 0.00	44.00 2.92 0.00	44.10 3.00 0.00	45.53 3.18 0.00	50.35 3.55 0.00	66.48 4.47 0.00	68.11 4.52 0.00	56.73 4.35 0.00	46.81 3.87 0.00	44.57 3.49 0.00	41.15 3.19 0.00	40.61 2.94 0.00	40.10 2.83 0.00	40.28 2.95 0.00	43.55 3.41 -0.01	52.02 4.03 -1.19	65.25 4.50 0.00	75.26 5.45 0.00	67.97 4.51 0.00	61.18 3.95 0.00	56.28 4.12 -0.04	52.11 3.47 -1.15	48.29 2.82 0.00
FRESHKLS_33_KV_LOAD 356253	61.24 3.19 -14.37	60.41 3.02 -16.55	60.42 2.96 -16.37	59.66 2.96 -15.60	59.67 3.09 -14.22	61.29 3.09 -11.41	66.04 4.03 0.00	68.47 4.58 -0.30	64.70 3.88 -8.44	64.60 3.52 -18.13	63.78 3.20 -19.50	63.77 2.96 -22.85	63.77 2.83 -23.27	64.71 2.83 -24.61	63.73 2.73 -23.68	64.88 3.17 -21.58	66.00 3.56 -15.63	66.60 4.43 -1.41	74.55 4.75 0.01	115.06 4.19 -47.41	66.48 3.61 -5.64	66.46 3.39 -10.95	64.74 2.85 -14.40	62.30 2.41 -14.42
FULTON COGEN____ 23766	43.50 -0.17 0.00	40.67 -0.16 0.00	40.88 -0.21 0.00	40.86 -0.25 0.00	42.06 -0.30 0.00	46.79 0.00 0.00	62.26 0.25 0.00	63.60 0.00 0.00	52.22 -0.16 0.00	42.69 -0.26 0.00	40.88 -0.21 0.00	37.77 -0.19 0.00	37.56 -0.11 0.00	37.12 -0.15 0.00	37.15 -0.19 0.00	39.97 -0.16 0.00	46.62 -0.19 0.00	58.87 -1.88 0.00	67.86 -1.95 0.00	61.75 -1.71 0.00	55.74 -1.49 0.00	50.76 -1.36 0.00	46.26 -1.23 0.00	44.43 -1.05 0.00
FULTON___LFGE 323630	46.34 2.66 0.00	43.41 2.57 0.00	43.55 2.46 0.00	43.70 2.59 0.00	45.07 2.71 0.00	49.98 3.18 0.00	66.60 4.59 0.00	68.11 4.52 0.00	55.21 2.83 0.00	44.79 1.85 0.00	42.43 1.35 0.00	38.95 0.99 0.00	38.58 0.90 0.00	38.13 0.86 0.00	38.23 0.89 0.00	41.42 1.28 0.00	49.33 2.53 0.00	65.07 4.31 0.00	75.05 5.24 0.00	68.03 4.57 0.00	61.47 4.24 0.00	55.87 3.75 0.00	50.68 3.18 0.00	48.52 3.05 0.00
G.F.CEMENT___DRP 24184	47.61 3.93 0.00	44.68 3.84 0.00	44.86 3.78 0.00	44.97 3.86 0.00	46.29 3.94 0.00	51.33 4.54 0.00	68.34 6.33 0.00	69.83 6.23 0.00	56.94 4.56 0.00	46.51 3.56 0.00	44.28 3.20 0.00	40.47 2.51 0.00	40.09 2.41 0.00	39.62 2.35 0.00	39.76 2.43 0.00	43.14 3.01 0.00	50.88 4.07 0.00	65.92 5.16 0.00	75.75 5.93 0.00	68.60 5.14 0.00	61.98 4.75 0.00	56.34 4.22 0.00	51.16 3.66 0.00	49.11 3.64 0.00
GARDENVILLE___LBMP 24039	41.89 -1.79 0.00	39.12 -1.72 0.00	39.20 -1.89 0.00	39.21 -1.89 0.00	40.41 -1.95 0.00	45.02 -1.78 0.00	59.47 -2.54 0.00	59.46 -4.13 0.00	49.34 -3.04 0.00	40.24 -2.71 0.00	38.66 -2.42 0.00	35.65 -2.32 0.00	35.71 -1.96 0.00	35.33 -1.94 0.00	35.39 -1.94 0.00	38.21 -1.93 0.00	43.90 -2.90 0.00	56.14 -4.62 0.00	65.41 -4.40 0.00	59.78 -3.68 0.00	54.31 -2.92 0.00	49.77 -2.35 0.00	46.07 -1.42 0.00	45.34 -0.14 0.00
GARDNVLA_35_KV_LD 355827	42.19 -1.49 0.00	39.41 -1.43 0.00	39.48 -1.60 0.00	39.46 -1.64 0.00	40.66 -1.69 0.00	45.34 -1.45 0.00	59.91 -2.11 0.00	59.91 -3.69 0.00	49.71 -2.67 0.00	40.54 -2.41 0.00	38.99 -2.10 0.00	35.91 -2.05 0.00	36.02 -1.66 0.00	35.63 -1.64 0.00	35.69 -1.64 0.00	38.53 -1.61 0.00	44.23 -2.57 0.00	56.56 -4.19 0.00	65.90 -3.91 0.00	60.22 -3.24 0.00	54.71 -2.52 0.00	50.14 -1.98 0.00	46.41 -1.09 0.00	45.70 0.23 0.00
GELCKHM___115KV_LOAD 80723	42.89 -0.79 0.00	40.14 -0.69 0.00	40.35 -0.74 0.00	40.32 -0.78 0.00	41.51 -0.85 0.00	46.05 -0.75 0.00	61.15 -0.87 0.00	62.52 -1.08 0.00	51.49 -0.89 0.00	42.22 -0.73 0.00	40.46 -0.62 0.00	37.39 -0.57 0.00	37.18 -0.49 0.00	36.79 -0.48 0.00	36.81 -0.52 0.00	39.53 -0.60 0.00	46.01 -0.80 0.00	59.35 -1.40 0.00	68.49 -1.33 0.00	62.25 -1.21 0.00	56.20 -1.03 0.00	51.18 -0.94 0.00	46.64 -0.85 0.00	44.79 -0.68 0.00
GENERAL___MILLS 23808	42.06 -1.62 0.00	39.29 -1.55 0.00	39.36 -1.73 0.00	39.38 -1.73 0.00	40.53 -1.82 0.00	45.20 -1.59 0.00	59.72 -2.29 0.00	59.72 -3.88 0.00	49.55 -2.83 0.00	40.41 -2.53 0.00	38.82 -2.26 0.00	35.80 -2.16 0.00	35.87 -1.81 0.00	35.48 -1.79 0.00	35.54 -1.79 0.00	38.37 -1.77 0.00	44.05 -2.76 0.00	56.38 -4.37 0.00	65.69 -4.12 0.00	59.97 -3.49 0.00	54.54 -2.69 0.00	49.98 -2.14 0.00	46.22 -1.28 0.00	45.52 0.05 0.00
GE_PLASTICS___DRP 24183	45.42 1.75 0.00	42.51 1.67 0.00	42.77 1.68 0.00	42.79 1.69 0.00	44.09 1.74 0.00	48.62 1.82 0.00	64.43 2.42 0.00	66.02 2.42 0.00	54.32 1.94 0.00	44.54 1.59 0.00	42.56 1.48 0.00	39.25 1.29 0.00	38.92 1.24 0.00	38.54 1.27 0.00	38.60 1.27 0.00	41.54 1.40 0.00	48.54 1.73 0.00	63.12 2.37 0.00	72.26 2.44 0.00	65.62 2.16 0.00	59.24 2.00 0.00	53.99 1.88 0.00	49.11 1.61 0.00	47.02 1.55 0.00
GILBOA___1 23756	45.03 1.36 0.00	42.10 1.27 0.00	42.48 1.40 0.00	42.50 1.40 0.00	43.80 1.44 0.00	48.20 1.40 0.00	63.94 1.92 0.00	65.50 1.91 0.00	54.01 1.63 0.00	44.36 1.42 0.00	42.36 1.27 0.00	39.21 1.25 0.00	38.92 1.24 0.00	38.50 1.23 0.00	38.53 1.19 0.00	41.30 1.16 0.00	48.26 1.45 0.00	62.57 1.82 0.00	71.62 1.81 0.00	65.17 1.71 0.00	58.78 1.55 0.00	53.57 1.46 0.00	48.78 1.28 0.00	46.61 1.14 0.00
GILBOA___2 23757	45.03 1.36 0.00	42.10 1.27 0.00	42.48 1.40 0.00	42.50 1.40 0.00	43.80 1.44 0.00	48.20 1.40 0.00	63.94 1.92 0.00	65.50 1.91 0.00	54.01 1.63 0.00	44.36 1.42 0.00	42.36 1.27 0.00	39.21 1.25 0.00	38.92 1.24 0.00	38.50 1.23 0.00	38.53 1.19 0.00	41.30 1.16 0.00	48.26 1.45 0.00	62.57 1.82 0.00	71.62 1.81 0.00	65.17 1.71 0.00	58.78 1.55 0.00	53.57 1.46 0.00	48.78 1.28 0.00	46.61 1.14 0.00

GILBOA___3 23758	45.03 1.36 0.00	42.10 1.27 0.00	42.48 1.40 0.00	42.50 1.40 0.00	43.80 1.44 0.00	48.20 1.40 0.00	63.94 1.92 0.00	65.50 1.91 0.00	54.01 1.63 0.00	44.36 1.42 0.00	42.36 1.27 0.00	39.21 1.25 0.00	38.92 1.24 0.00	38.50 1.23 0.00	38.53 1.19 0.00	41.30 1.16 0.00	48.26 1.45 0.00	62.57 1.82 0.00	71.62 1.81 0.00	65.17 1.71 0.00	58.78 1.55 0.00	53.57 1.46 0.00	48.78 1.28 0.00	46.61 1.14 0.00
GILBOA___4 23759	45.03 1.36 0.00	42.10 1.27 0.00	42.48 1.40 0.00	42.50 1.40 0.00	43.80 1.44 0.00	48.20 1.40 0.00	63.94 1.92 0.00	65.50 1.91 0.00	54.01 1.63 0.00	44.36 1.42 0.00	42.36 1.27 0.00	39.21 1.25 0.00	38.92 1.24 0.00	38.50 1.23 0.00	38.53 1.19 0.00	41.30 1.16 0.00	48.26 1.45 0.00	62.57 1.82 0.00	71.62 1.81 0.00	65.17 1.71 0.00	58.78 1.55 0.00	53.57 1.46 0.00	48.78 1.28 0.00	46.61 1.14 0.00
GILBOA___ 23599	45.03 1.35 0.00	42.10 1.27 0.00	42.48 1.40 0.00	42.50 1.40 0.00	43.84 1.48 0.00	48.20 1.40 0.00	63.94 1.92 0.00	65.51 1.91 0.00	54.01 1.62 0.00	44.32 1.37 0.00	42.35 1.27 0.00	39.21 1.25 0.00	38.92 1.24 0.00	38.50 1.23 0.00	38.56 1.23 0.00	41.34 1.20 0.00	48.26 1.45 0.00	62.57 1.82 0.00	71.63 1.82 0.00	65.17 1.71 0.00	58.78 1.55 0.00	53.58 1.46 0.00	48.78 1.28 0.00	46.61 1.14 0.00
GINNA___ 23603	40.31 -3.36 0.00	37.69 -3.14 0.00	37.80 -3.29 0.00	37.82 -3.29 0.00	38.97 -3.39 0.00	43.42 -3.37 0.00	57.49 -4.52 0.00	58.51 -5.09 0.00	48.45 -3.93 0.00	39.51 -3.44 0.00	37.96 -3.12 0.00	35.15 -2.81 0.00	35.00 -2.67 0.00	34.63 -2.65 0.00	34.57 -2.76 0.00	37.36 -2.77 0.00	43.30 -3.51 0.00	55.89 -4.86 0.00	64.44 -5.37 0.00	58.51 -4.95 0.00	53.00 -4.23 0.00	48.31 -3.80 0.00	44.22 -3.28 0.00	42.75 -2.73 0.00
GLEN PARK___ 23778	45.91 2.23 -0.01	42.43 1.59 0.00	42.65 1.56 0.00	42.83 1.73 0.00	44.22 1.86 0.00	49.41 2.62 0.00	65.67 3.66 0.00	66.90 3.31 0.00	54.21 1.83 0.00	43.59 0.65 0.00	41.58 0.49 0.00	38.23 0.27 0.00	38.05 0.38 0.00	37.57 0.30 0.00	37.74 0.41 0.00	40.86 0.72 0.00	47.88 1.08 0.00	62.45 1.70 0.00	72.19 2.37 0.00	65.93 2.47 0.00	59.46 2.23 0.00	54.10 1.98 0.00	49.16 1.66 0.00	47.02 1.55 0.00
GLENDALE_27_KV_LOAD 356172	46.87 3.19 -0.01	43.83 2.98 -0.01	43.97 2.88 -0.01	43.95 2.84 -0.01	45.32 2.96 0.00	49.93 3.14 0.00	66.35 4.34 0.00	68.43 4.83 0.00	56.47 4.09 0.00	47.39 3.78 -0.66	46.15 3.49 -1.57	44.87 3.23 -3.69	44.52 3.09 -3.75	44.33 3.09 -3.97	44.18 3.02 -3.82	44.25 3.33 -0.78	50.60 3.79 0.00	65.49 4.74 0.00	74.84 5.03 0.00	67.90 4.44 0.00	61.07 3.83 0.00	55.71 3.60 0.00	50.49 2.99 0.00	47.93 2.46 0.00
GLENWOOD_IC_1_G5 23712	47.00 3.32 0.00	43.94 3.10 0.00	44.00 2.92 0.00	44.06 2.96 0.00	45.57 3.22 0.00	50.30 3.51 0.00	66.42 4.40 0.00	68.24 4.64 0.00	56.68 4.30 0.00	46.68 3.74 0.00	44.57 3.49 0.00	41.23 3.26 0.00	40.61 2.94 0.00	40.18 2.91 0.00	40.28 2.95 0.00	43.67 3.53 0.00	51.81 4.03 -0.98	65.61 4.86 0.00	75.19 5.38 0.00	67.96 4.51 0.00	61.01 3.78 0.00	56.16 4.01 -0.03	51.81 3.37 -0.94	48.16 2.68 0.00
GLENWOOD_IC_2_G1 23688	46.91 3.23 0.00	43.82 2.98 0.00	43.88 2.80 0.00	43.94 2.83 0.00	45.36 3.01 0.00	50.17 3.37 0.00	66.29 4.28 0.00	67.98 4.38 0.00	56.57 4.19 0.00	46.68 3.73 0.00	44.45 3.37 0.00	41.03 3.07 0.00	40.50 2.83 0.00	40.03 2.76 0.00	40.17 2.84 0.00	43.39 3.25 -0.01	51.40 3.84 -0.76	65.13 4.38 0.00	74.98 5.17 0.00	67.78 4.32 0.00	61.01 3.78 0.00	56.06 3.91 -0.03	51.50 3.27 -0.73	48.11 2.64 0.00
GLENWOOD_IC_3_G1 23689	46.91 3.23 0.00	43.82 2.98 0.00	43.88 2.80 0.00	43.94 2.83 0.00	45.36 3.01 0.00	50.17 3.37 0.00	66.29 4.28 0.00	67.98 4.38 0.00	56.57 4.19 0.00	46.68 3.73 0.00	44.45 3.37 0.00	41.03 3.07 0.00	40.50 2.83 0.00	40.03 2.76 0.00	40.17 2.84 0.00	43.39 3.25 -0.01	51.40 3.84 -0.76	65.13 4.38 0.00	74.98 5.17 0.00	67.78 4.32 0.00	61.01 3.78 0.00	56.06 3.91 -0.03	51.50 3.27 -0.73	48.11 2.64 0.00
GLENWOOD___4 23550	47.00 3.32 0.00	43.94 3.10 0.00	44.00 2.92 0.00	44.06 2.96 0.00	45.57 3.22 0.00	50.30 3.51 0.00	66.42 4.40 0.00	68.24 4.64 0.00	56.68 4.30 0.00	46.68 3.74 0.00	44.57 3.49 0.00	41.23 3.26 0.00	40.61 2.94 0.00	40.18 2.91 0.00	40.28 2.95 0.00	43.67 3.53 0.00	51.81 4.03 -0.98	65.61 4.86 0.00	75.19 5.38 0.00	67.96 4.51 0.00	61.01 3.78 0.00	56.16 4.01 -0.03	51.81 3.37 -0.94	48.16 2.68 0.00
GLENWOOD___5 23614	47.00 3.32 0.00	43.94 3.10 0.00	44.00 2.92 0.00	44.06 2.96 0.00	45.57 3.22 0.00	50.30 3.51 0.00	66.42 4.40 0.00	68.24 4.64 0.00	56.68 4.30 0.00	46.68 3.74 0.00	44.57 3.49 0.00	41.23 3.26 0.00	40.61 2.94 0.00	40.18 2.91 0.00	40.28 2.95 0.00	43.67 3.53 0.00	51.81 4.03 -0.98	65.61 4.86 0.00	75.19 5.38 0.00	67.96 4.51 0.00	61.01 3.78 0.00	56.16 4.01 -0.03	51.81 3.37 -0.94	48.16 2.68 0.00
GLOBAL GREEN_PORT_GT1 23814	47.09 3.41 0.00	43.98 3.14 0.00	43.96 2.87 0.00	44.15 3.04 0.00	45.49 3.13 0.00	50.35 3.55 0.00	66.04 4.03 0.00	67.67 4.07 0.00	56.89 4.51 0.00	47.07 4.12 0.00	44.29 3.21 0.00	40.92 2.96 0.00	40.16 2.49 0.00	39.51 2.24 0.00	39.76 2.43 0.00	43.27 3.13 -0.01	50.42 3.37 -0.24	64.21 3.46 0.00	75.05 5.24 0.00	67.20 3.74 0.00	60.49 3.26 0.00	56.56 4.43 -0.02	51.58 3.85 -0.24	48.39 2.91 0.00
GLOBE___DSASP 323697	40.36 -3.32 0.00	37.69 -3.14 0.00	37.76 -3.33 0.00	37.78 -3.33 0.00	38.92 -3.43 0.00	43.38 -3.42 0.00	57.11 -4.90 0.00	57.11 -6.49 0.00	47.41 -4.98 0.00	38.82 -4.12 0.00	37.30 -3.78 0.00	34.43 -3.53 0.00	34.51 -3.16 0.00	34.14 -3.13 0.00	34.20 -3.14 0.00	36.84 -3.29 0.00	42.27 -4.54 0.00	53.89 -6.86 0.00	62.69 -7.12 0.00	57.18 -6.28 0.00	52.02 -5.21 0.00	47.74 -4.38 0.00	44.22 -3.28 0.00	43.52 -1.96 0.00
GOETHSLN___LBMP 323567	46.21 2.53 0.00	43.21 2.37 0.00	43.34 2.26 0.00	43.33 2.22 0.00	44.73 2.37 0.00	49.32 2.53 0.00	65.67 3.66 0.00	67.54 3.94 0.00	55.73 3.35 0.00	46.08 3.14 0.00	44.00 2.92 0.00	40.69 2.73 0.00	40.24 2.56 0.00	39.84 2.57 0.00	39.80 2.46 0.00	42.86 2.73 0.00	49.90 3.09 0.00	64.52 3.77 0.00	73.79 3.98 0.00	66.95 3.49 0.00	60.27 3.03 0.00	54.98 2.87 0.00	49.83 2.33 0.00	47.29 1.82 0.00
GOLAH___69_KV_TB 1_2 80279	42.15 -1.53 0.00	39.45 -1.39 0.00	39.61 -1.48 0.00	39.58 -1.52 0.00	40.79 -1.57 0.00	45.53 -1.26 0.00	60.22 -1.80 0.00	60.93 -2.67 0.00	50.44 -1.94 0.00	41.14 -1.80 0.00	39.40 -1.68 0.00	36.33 -1.63 0.00	36.24 -1.43 0.00	35.78 -1.49 0.00	35.73 -1.61 0.00	38.49 -1.65 0.00	44.47 -2.34 0.00	57.17 -3.58 0.00	66.32 -3.49 0.00	60.41 -3.05 0.00	54.77 -2.46 0.00	50.03 -2.08 0.00	45.88 -1.61 0.00	44.61 -0.86 0.00

GOODYEAR_LAKE_HYD 323669	45.29 1.62 0.00	42.23 1.39 0.00	42.48 1.40 0.00	42.59 1.48 0.00	43.92 1.57 0.00	48.71 1.92 0.00	64.87 2.85 0.00	66.40 2.80 0.00	54.48 2.10 0.00	44.45 1.50 0.00	42.35 1.27 0.00	39.10 1.14 0.00	38.84 1.17 0.00	38.39 1.12 0.00	38.49 1.16 0.00	41.46 1.32 0.00	48.59 1.78 0.00	63.24 2.49 0.00	72.88 3.07 0.00	66.19 2.73 0.00	59.69 2.46 0.00	54.30 2.19 0.00	49.35 1.85 0.00	47.25 1.77 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	43.81 0.13 0.00	40.92 0.08 0.00	41.17 0.08 0.00	41.15 0.04 0.00	42.40 0.04 0.00	47.03 0.23 0.00	62.45 0.43 0.00	63.60 0.00 0.00	52.38 0.00 0.00	42.82 -0.13 0.00	40.92 -0.16 0.00	37.81 -0.15 0.00	37.64 -0.04 0.00	37.20 -0.07 0.00	37.26 -0.07 0.00	40.09 -0.04 0.00	46.71 -0.09 0.00	60.45 -0.30 0.00	69.81 0.00 0.00	63.59 0.13 0.00	57.40 0.17 0.00	52.32 0.21 0.00	47.78 0.28 0.00	46.02 0.55 0.00
GOUDEY___7 23579	43.81 0.13 0.00	40.92 0.08 0.00	41.17 0.08 0.00	41.15 0.04 0.00	42.40 0.04 0.00	47.03 0.23 0.00	62.45 0.43 0.00	63.60 0.00 0.00	52.38 0.00 0.00	42.82 -0.13 0.00	40.92 -0.16 0.00	37.81 -0.15 0.00	37.64 -0.04 0.00	37.20 -0.07 0.00	37.26 -0.07 0.00	40.09 -0.04 0.00	46.71 -0.09 0.00	60.45 -0.30 0.00	69.81 0.00 0.00	63.59 0.13 0.00	57.40 0.17 0.00	52.32 0.21 0.00	47.78 0.28 0.00	46.02 0.55 0.00
GOUDEY___8 23580	43.81 0.13 0.00	40.92 0.08 0.00	41.17 0.08 0.00	41.15 0.04 0.00	42.40 0.04 0.00	47.03 0.23 0.00	62.45 0.43 0.00	63.60 0.00 0.00	52.38 0.00 0.00	42.82 -0.13 0.00	40.92 -0.16 0.00	37.81 -0.15 0.00	37.64 -0.04 0.00	37.20 -0.07 0.00	37.26 -0.07 0.00	40.09 -0.04 0.00	46.71 -0.09 0.00	60.45 -0.30 0.00	69.81 0.00 0.00	63.59 0.13 0.00	57.40 0.17 0.00	52.32 0.21 0.00	47.78 0.28 0.00	46.02 0.55 0.00
GOWANUS_GT1_1 24077	61.41 3.36 -14.37	60.53 3.14 -16.55	60.50 3.04 -16.37	59.75 3.04 -15.60	59.76 3.18 -14.22	61.48 3.28 -11.41	66.48 4.46 0.00	68.92 5.02 -0.30	65.07 4.24 -8.44	64.99 3.91 -18.13	65.00 3.57 -20.35	66.95 3.30 -25.69	67.00 3.16 -26.16	68.11 3.17 -27.67	67.05 3.10 -26.62	65.16 3.45 -21.58	66.37 3.93 -15.63	121.28 4.92 -55.61	115.50 5.24 -40.45	115.50 4.63 -47.41	115.51 4.01 -54.27	66.82 3.75 -10.95	65.08 3.18 -14.40	62.53 2.64 -14.42
GOWANUS_GT1_2 24078	61.41 3.36 -14.37	60.53 3.14 -16.55	60.50 3.04 -16.37	59.75 3.04 -15.60	59.76 3.18 -14.22	61.48 3.28 -11.41	66.48 4.46 0.00	68.92 5.02 -0.30	65.07 4.24 -8.44	64.99 3.91 -18.13	65.00 3.57 -20.35	66.95 3.30 -25.69	67.00 3.16 -26.16	68.11 3.17 -27.67	67.05 3.10 -26.62	65.16 3.45 -21.58	66.37 3.93 -15.63	121.28 4.92 -55.61	115.50 5.24 -40.45	115.50 4.63 -47.41	115.51 4.01 -54.27	66.82 3.75 -10.95	65.08 3.18 -14.40	62.53 2.64 -14.42
GOWANUS_GT1_3 24079	61.41 3.36 -14.37	60.53 3.14 -16.55	60.50 3.04 -16.37	59.75 3.04 -15.60	59.76 3.18 -14.22	61.48 3.28 -11.41	66.48 4.46 0.00	68.92 5.02 -0.30	65.07 4.24 -8.44	64.99 3.91 -18.13	65.00 3.57 -20.35	66.95 3.30 -25.69	67.00 3.16 -26.16	68.11 3.17 -27.67	67.05 3.10 -26.62	65.16 3.45 -21.58	66.37 3.93 -15.63	121.28 4.92 -55.61	115.50 5.24 -40.45	115.50 4.63 -47.41	115.51 4.01 -54.27	66.82 3.75 -10.95	65.08 3.18 -14.40	62.53 2.64 -14.42
GOWANUS_GT1_4 24080	61.41 3.36 -14.37	60.53 3.14 -16.55	60.50 3.04 -16.37	59.75 3.04 -15.60	59.76 3.18 -14.22	61.48 3.28 -11.41	66.48 4.46 0.00	68.92 5.02 -0.30	65.07 4.24 -8.44	64.99 3.91 -18.13	65.00 3.57 -20.35	66.95 3.30 -25.69	67.00 3.16 -26.16	68.11 3.17 -27.67	67.05 3.10 -26.62	65.16 3.45 -21.58	66.37 3.93 -15.63	121.28 4.92 -55.61	115.50 5.24 -40.45	115.50 4.63 -47.41	115.51 4.01 -54.27	66.82 3.75 -10.95	65.08 3.18 -14.40	62.53 2.64 -14.42
GOWANUS_GT1_5 24084	61.41 3.36 -14.37	60.53 3.14 -16.55	60.50 3.04 -16.37	59.75 3.04 -15.60	59.76 3.18 -14.22	61.48 3.28 -11.41	66.48 4.46 0.00	68.92 5.02 -0.30	65.07 4.24 -8.44	64.99 3.91 -18.13	65.00 3.57 -20.35	66.95 3.30 -25.69	67.00 3.16 -26.16	68.11 3.17 -27.67	67.05 3.10 -26.62	65.16 3.45 -21.58	66.37 3.93 -15.63	121.28 4.92 -55.61	115.50 5.24 -40.45	115.50 4.63 -47.41	115.51 4.01 -54.27	66.82 3.75 -10.95	65.08 3.18 -14.40	62.53 2.64 -14.42
GOWANUS_GT1_6 24111	61.41 3.36 -14.37	60.53 3.14 -16.55	60.50 3.04 -16.37	59.75 3.04 -15.60	59.76 3.18 -14.22	61.48 3.28 -11.41	66.48 4.46 0.00	68.92 5.02 -0.30	65.07 4.24 -8.44	64.99 3.91 -18.13	65.00 3.57 -20.35	66.95 3.30 -25.69	67.00 3.16 -26.16	68.11 3.17 -27.67	67.05 3.10 -26.62	65.16 3.45 -21.58	66.37 3.93 -15.63	121.28 4.92 -55.61	115.50 5.24 -40.45	115.50 4.63 -47.41	115.51 4.01 -54.27	66.82 3.75 -10.95	65.08 3.18 -14.40	62.53 2.64 -14.42
GOWANUS_GT1_7 24112	61.41 3.36 -14.37	60.53 3.14 -16.55	60.50 3.04 -16.37	59.75 3.04 -15.60	59.76 3.18 -14.22	61.48 3.28 -11.41	66.48 4.46 0.00	68.92 5.02 -0.30	65.07 4.24 -8.44	64.99 3.91 -18.13	65.00 3.57 -20.35	66.95 3.30 -25.69	67.00 3.16 -26.16	68.11 3.17 -27.67	67.05 3.10 -26.62	65.16 3.45 -21.58	66.37 3.93 -15.63	121.28 4.92 -55.61	115.50 5.24 -40.45	115.50 4.63 -47.41	115.51 4.01 -54.27	66.82 3.75 -10.95	65.08 3.18 -14.40	62.53 2.64 -14.42
GOWANUS_GT1_8 24113	61.41 3.36 -14.37	60.53 3.14 -16.55	60.50 3.04 -16.37	59.75 3.04 -15.60	59.76 3.18 -14.22	61.48 3.28 -11.41	66.48 4.46 0.00	68.92 5.02 -0.30	65.07 4.24 -8.44	64.99 3.91 -18.13	65.00 3.57 -20.35	66.95 3.30 -25.69	67.00 3.16 -26.16	68.11 3.17 -27.67	67.05 3.10 -26.62	65.16 3.45 -21.58	66.37 3.93 -15.63	121.28 4.92 -55.61	115.50 5.24 -40.45	115.50 4.63 -47.41	115.51 4.01 -54.27	66.82 3.75 -10.95	65.08 3.18 -14.40	62.53 2.64 -14.42
GOWANUS_GT2_1 24114	61.41 3.36 -14.37	60.53 3.14 -16.55	60.50 3.04 -16.37	59.70 3.00 -15.60	59.71 3.13 -14.22	61.47 3.27 -11.41	66.48 4.47 0.00	68.86 4.96 -0.30	65.12 4.30 -8.44	65.07 3.99 -18.13	65.00 3.57 -20.35	66.91 3.27 -25.69	67.00 3.17 -26.16	68.07 3.13 -27.67	67.05 3.10 -26.62	65.00 3.29 -21.58	66.37 3.93 -15.63	121.16 4.80 -55.61	115.50 5.24 -40.45	115.50 4.63 -47.41	115.50 4.00 -54.26	66.82 3.75 -10.95	65.08 3.18 -14.40	62.57 2.68 -14.42
GOWANUS_GT2_2 24115	61.41 3.36 -14.37	60.53 3.14 -16.55	60.50 3.04 -16.37	59.70 3.00 -15.60	59.71 3.13 -14.22	61.47 3.27 -11.41	66.48 4.47 0.00	68.86 4.96 -0.30	65.12 4.30 -8.44	65.07 3.99 -18.13	65.00 3.57 -20.35	66.91 3.27 -25.69	67.00 3.17 -26.16	68.07 3.13 -27.67	67.05 3.10 -26.62	65.00 3.29 -21.58	66.37 3.93 -15.63	121.16 4.80 -55.61	115.50 5.24 -40.45	115.50 4.63 -47.41	115.50 4.00 -54.26	66.82 3.75 -10.95	65.08 3.18 -14.40	62.57 2.68 -14.42
GOWANUS_GT2_3 24116	61.41 3.36 -14.37	60.53 3.14 -16.55	60.50 3.04 -16.37	59.70 3.00 -15.60	59.71 3.13 -14.22	61.47 3.27 -11.41	66.48 4.47 0.00	68.86 4.96 -0.30	65.12 4.30 -8.44	65.07 3.99 -18.13	65.00 3.57 -20.35	66.91 3.27 -25.69	67.00 3.17 -26.16	68.07 3.13 -27.67	67.05 3.10 -26.62	65.00 3.29 -21.58	66.37 3.93 -15.63	121.16 4.80 -55.61	115.50 5.24 -40.45	115.50 4.63 -47.41	115.50 4.00 -54.26	66.82 3.75 -10.95	65.08 3.18 -14.40	62.57 2.68 -14.42

GOWANUS_GT2_4 24117	61.41 3.36 -14.37	60.53 3.14 -16.55	60.50 3.04 -16.37	59.70 3.00 -15.60	59.71 3.13 -14.22	61.47 3.27 -11.41	66.48 4.47 0.00	68.86 4.96 -0.30	65.12 4.30 -8.44	65.07 3.99 -18.13	65.00 3.57 -20.35	66.91 3.27 -25.69	67.00 3.17 -26.16	68.07 3.13 -27.67	67.05 3.10 -26.62	65.00 3.29 -21.58	66.37 3.93 -15.63	121.16 4.80 -55.61	115.50 5.24 -40.45	115.50 4.63 -47.41	115.50 4.00 -54.26	66.82 3.75 -10.95	65.08 3.18 -14.40	62.57 2.68 -14.42
GOWANUS_GT2_5 24118	61.41 3.36 -14.37	60.53 3.14 -16.55	60.50 3.04 -16.37	59.70 3.00 -15.60	59.71 3.13 -14.22	61.47 3.27 -11.41	66.48 4.47 0.00	68.86 4.96 -0.30	65.12 4.30 -8.44	65.07 3.99 -18.13	65.00 3.57 -20.35	66.91 3.27 -25.69	67.00 3.17 -26.16	68.07 3.13 -27.67	67.05 3.10 -26.62	65.00 3.29 -21.58	66.37 3.93 -15.63	121.16 4.80 -55.61	115.50 5.24 -40.45	115.50 4.63 -47.41	115.50 4.00 -54.26	66.82 3.75 -10.95	65.08 3.18 -14.40	62.57 2.68 -14.42
GOWANUS_GT2_6 24119	61.41 3.36 -14.37	60.53 3.14 -16.55	60.50 3.04 -16.37	59.70 3.00 -15.60	59.71 3.13 -14.22	61.47 3.27 -11.41	66.48 4.47 0.00	68.86 4.96 -0.30	65.12 4.30 -8.44	65.07 3.99 -18.13	65.00 3.57 -20.35	66.91 3.27 -25.69	67.00 3.17 -26.16	68.07 3.13 -27.67	67.05 3.10 -26.62	65.00 3.29 -21.58	66.37 3.93 -15.63	121.16 4.80 -55.61	115.50 5.24 -40.45	115.50 4.63 -47.41	115.50 4.00 -54.26	66.82 3.75 -10.95	65.08 3.18 -14.40	62.57 2.68 -14.42
GOWANUS_GT2_7 24120	61.41 3.36 -14.37	60.53 3.14 -16.55	60.50 3.04 -16.37	59.70 3.00 -15.60	59.71 3.13 -14.22	61.47 3.27 -11.41	66.48 4.47 0.00	68.86 4.96 -0.30	65.12 4.30 -8.44	65.07 3.99 -18.13	65.00 3.57 -20.35	66.91 3.27 -25.69	67.00 3.17 -26.16	68.07 3.13 -27.67	67.05 3.10 -26.62	65.00 3.29 -21.58	66.37 3.93 -15.63	121.16 4.80 -55.61	115.50 5.24 -40.45	115.50 4.63 -47.41	115.50 4.00 -54.26	66.82 3.75 -10.95	65.08 3.18 -14.40	62.57 2.68 -14.42
GOWANUS_GT2_8 24121	61.41 3.36 -14.37	60.53 3.14 -16.55	60.50 3.04 -16.37	59.70 3.00 -15.60	59.71 3.13 -14.22	61.47 3.27 -11.41	66.48 4.47 0.00	68.86 4.96 -0.30	65.12 4.30 -8.44	65.07 3.99 -18.13	65.00 3.57 -20.35	66.91 3.27 -25.69	67.00 3.17 -26.16	68.07 3.13 -27.67	67.05 3.10 -26.62	65.00 3.29 -21.58	66.37 3.93 -15.63	121.16 4.80 -55.61	115.50 5.24 -40.45	115.50 4.63 -47.41	115.50 4.00 -54.26	66.82 3.75 -10.95	65.08 3.18 -14.40	62.57 2.68 -14.42
GOWANUS_GT3_1 24122	61.41 3.36 -14.37	60.53 3.14 -16.55	60.50 3.04 -16.37	59.70 3.00 -15.60	59.71 3.13 -14.22	61.47 3.27 -11.41	66.48 4.47 0.00	68.86 4.96 -0.30	65.12 4.30 -8.44	65.07 3.99 -18.13	65.00 3.57 -20.35	66.91 3.27 -25.69	67.00 3.17 -26.16	68.07 3.13 -27.67	67.05 3.10 -26.62	65.00 3.29 -21.58	66.37 3.93 -15.63	121.16 4.80 -55.61	115.50 5.24 -40.45	115.50 4.63 -47.41	115.50 4.00 -54.26	66.82 3.75 -10.95	65.08 3.18 -14.40	62.57 2.68 -14.42
GOWANUS_GT3_2 24123	61.41 3.36 -14.37	60.53 3.14 -16.55	60.50 3.04 -16.37	59.70 3.00 -15.60	59.71 3.13 -14.22	61.47 3.27 -11.41	66.48 4.47 0.00	68.86 4.96 -0.30	65.12 4.30 -8.44	65.07 3.99 -18.13	65.00 3.57 -20.35	66.91 3.27 -25.69	67.00 3.17 -26.16	68.07 3.13 -27.67	67.05 3.10 -26.62	65.00 3.29 -21.58	66.37 3.93 -15.63	121.16 4.80 -55.61	115.50 5.24 -40.45	115.50 4.63 -47.41	115.50 4.00 -54.26	66.82 3.75 -10.95	65.08 3.18 -14.40	62.57 2.68 -14.42
GOWANUS_GT3_3 24124	61.41 3.36 -14.37	60.53 3.14 -16.55	60.50 3.04 -16.37	59.70 3.00 -15.60	59.71 3.13 -14.22	61.47 3.27 -11.41	66.48 4.47 0.00	68.86 4.96 -0.30	65.12 4.30 -8.44	65.07 3.99 -18.13	65.00 3.57 -20.35	66.91 3.27 -25.69	67.00 3.17 -26.16	68.07 3.13 -27.67	67.05 3.10 -26.62	65.00 3.29 -21.58	66.37 3.93 -15.63	121.16 4.80 -55.61	115.50 5.24 -40.45	115.50 4.63 -47.41	115.50 4.00 -54.26	66.82 3.75 -10.95	65.08 3.18 -14.40	62.57 2.68 -14.42
GOWANUS_GT3_4 24125	61.41 3.36 -14.37	60.53 3.14 -16.55	60.50 3.04 -16.37	59.70 3.00 -15.60	59.71 3.13 -14.22	61.47 3.27 -11.41	66.48 4.47 0.00	68.86 4.96 -0.30	65.12 4.30 -8.44	65.07 3.99 -18.13	65.00 3.57 -20.35	66.91 3.27 -25.69	67.00 3.17 -26.16	68.07 3.13 -27.67	67.05 3.10 -26.62	65.00 3.29 -21.58	66.37 3.93 -15.63	121.16 4.80 -55.61	115.50 5.24 -40.45	115.50 4.63 -47.41	115.50 4.00 -54.26	66.82 3.75 -10.95	65.08 3.18 -14.40	62.57 2.68 -14.42
GOWANUS_GT3_5 24126	61.41 3.36 -14.37	60.53 3.14 -16.55	60.50 3.04 -16.37	59.70 3.00 -15.60	59.71 3.13 -14.22	61.47 3.27 -11.41	66.48 4.47 0.00	68.86 4.96 -0.30	65.12 4.30 -8.44	65.07 3.99 -18.13	65.00 3.57 -20.35	66.91 3.27 -25.69	67.00 3.17 -26.16	68.07 3.13 -27.67	67.05 3.10 -26.62	65.00 3.29 -21.58	66.37 3.93 -15.63	121.16 4.80 -55.61	115.50 5.24 -40.45	115.50 4.63 -47.41	115.50 4.00 -54.26	66.82 3.75 -10.95	65.08 3.18 -14.40	62.57 2.68 -14.42
GOWANUS_GT3_6 24127	61.41 3.36 -14.37	60.53 3.14 -16.55	60.50 3.04 -16.37	59.70 3.00 -15.60	59.71 3.13 -14.22	61.47 3.27 -11.41	66.48 4.47 0.00	68.86 4.96 -0.30	65.12 4.30 -8.44	65.07 3.99 -18.13	65.00 3.57 -20.35	66.91 3.27 -25.69	67.00 3.17 -26.16	68.07 3.13 -27.67	67.05 3.10 -26.62	65.00 3.29 -21.58	66.37 3.93 -15.63	121.16 4.80 -55.61	115.50 5.24 -40.45	115.50 4.63 -47.41	115.50 4.00 -54.26	66.82 3.75 -10.95	65.08 3.18 -14.40	62.57 2.68 -14.42
GOWANUS_GT3_7 24128	61.41 3.36 -14.37	60.53 3.14 -16.55	60.50 3.04 -16.37	59.70 3.00 -15.60	59.71 3.13 -14.22	61.47 3.27 -11.41	66.48 4.47 0.00	68.86 4.96 -0.30	65.12 4.30 -8.44	65.07 3.99 -18.13	65.00 3.57 -20.35	66.91 3.27 -25.69	67.00 3.17 -26.16	68.07 3.13 -27.67	67.05 3.10 -26.62	65.00 3.29 -21.58	66.37 3.93 -15.63	121.16 4.80 -55.61	115.50 5.24 -40.45	115.50 4.63 -47.41	115.50 4.00 -54.26	66.82 3.75 -10.95	65.08 3.18 -14.40	62.57 2.68 -14.42
GOWANUS_GT3_8 24129	61.41 3.36 -14.37	60.53 3.14 -16.55	60.50 3.04 -16.37	59.70 3.00 -15.60	59.71 3.13 -14.22	61.47 3.27 -11.41	66.48 4.47 0.00	68.86 4.96 -0.30	65.12 4.30 -8.44	65.07 3.99 -18.13	65.00 3.57 -20.35	66.91 3.27 -25.69	67.00 3.17 -26.16	68.07 3.13 -27.67	67.05 3.10 -26.62	65.00 3.29 -21.58	66.37 3.93 -15.63	121.16 4.80 -55.61	115.50 5.24 -40.45	115.50 4.63 -47.41	115.50 4.00 -54.26	66.82 3.75 -10.95	65.08 3.18 -14.40	62.57 2.68 -14.42
GOWANUS_GT4_1 24130	61.41 3.36 -14.37	60.53 3.14 -16.55	60.50 3.04 -16.37	59.75 3.04 -15.60	59.76 3.18 -14.22	61.48 3.28 -11.41	66.48 4.46 0.00	68.92 5.02 -0.30	65.07 4.24 -8.44	64.99 3.91 -18.13	65.00 3.57 -20.35	66.95 3.30 -25.69	67.00 3.16 -26.16	68.11 3.17 -27.67	67.05 3.10 -26.62	65.16 3.45 -21.58	66.37 3.93 -15.63	121.28 4.92 -55.61	115.50 5.24 -40.45	115.50 4.63 -47.41	115.51 4.01 -54.27	66.82 3.75 -10.95	65.08 3.18 -14.40	62.53 2.64 -14.42
GOWANUS_GT4_2 24131	61.41 3.36 -14.37	60.53 3.14 -16.55	60.50 3.04 -16.37	59.75 3.04 -15.60	59.76 3.18 -14.22	61.48 3.28 -11.41	66.48 4.46 0.00	68.92 5.02 -0.30	65.07 4.24 -8.44	64.99 3.91 -18.13	65.00 3.57 -20.35	66.95 3.30 -25.69	67.00 3.16 -26.16	68.11 3.17 -27.67	67.05 3.10 -26.62	65.16 3.45 -21.58	66.37 3.93 -15.63	121.28 4.92 -55.61	115.50 5.24 -40.45	115.50 4.63 -47.41	115.51 4.01 -54.27	66.82 3.75 -10.95	65.08 3.18 -14.40	62.53 2.64 -14.42

GOWANUS_GT4_3 24132	61.41 3.36 -14.37	60.53 3.14 -16.55	60.50 3.04 -16.37	59.75 3.04 -15.60	59.76 3.18 -14.22	61.48 3.28 -11.41	66.48 4.46 0.00	68.92 5.02 -0.30	65.07 4.24 -8.44	64.99 3.91 -18.13	65.00 3.57 -20.35	66.95 3.30 -25.69	67.00 3.16 -26.16	68.11 3.17 -27.67	67.05 3.10 -26.62	65.16 3.45 -21.58	66.37 3.93 -15.63	121.28 4.92 -55.61	115.50 5.24 -40.45	115.50 4.63 -47.41	115.51 4.01 -54.27	66.82 3.75 -10.95	65.08 3.18 -14.40	62.53 2.64 -14.42
GOWANUS_GT4_4 24133	61.41 3.36 -14.37	60.53 3.14 -16.55	60.50 3.04 -16.37	59.75 3.04 -15.60	59.76 3.18 -14.22	61.48 3.28 -11.41	66.48 4.46 0.00	68.92 5.02 -0.30	65.07 4.24 -8.44	64.99 3.91 -18.13	65.00 3.57 -20.35	66.95 3.30 -25.69	67.00 3.16 -26.16	68.11 3.17 -27.67	67.05 3.10 -26.62	65.16 3.45 -21.58	66.37 3.93 -15.63	121.28 4.92 -55.61	115.50 5.24 -40.45	115.50 4.63 -47.41	115.51 4.01 -54.27	66.82 3.75 -10.95	65.08 3.18 -14.40	62.53 2.64 -14.42
GOWANUS_GT4_5 24134	61.41 3.36 -14.37	60.53 3.14 -16.55	60.50 3.04 -16.37	59.75 3.04 -15.60	59.76 3.18 -14.22	61.48 3.28 -11.41	66.48 4.46 0.00	68.92 5.02 -0.30	65.07 4.24 -8.44	64.99 3.91 -18.13	65.00 3.57 -20.35	66.95 3.30 -25.69	67.00 3.16 -26.16	68.11 3.17 -27.67	67.05 3.10 -26.62	65.16 3.45 -21.58	66.37 3.93 -15.63	121.28 4.92 -55.61	115.50 5.24 -40.45	115.50 4.63 -47.41	115.51 4.01 -54.27	66.82 3.75 -10.95	65.08 3.18 -14.40	62.53 2.64 -14.42
GOWANUS_GT4_6 24135	61.41 3.36 -14.37	60.53 3.14 -16.55	60.50 3.04 -16.37	59.75 3.04 -15.60	59.76 3.18 -14.22	61.48 3.28 -11.41	66.48 4.46 0.00	68.92 5.02 -0.30	65.07 4.24 -8.44	64.99 3.91 -18.13	65.00 3.57 -20.35	66.95 3.30 -25.69	67.00 3.16 -26.16	68.11 3.17 -27.67	67.05 3.10 -26.62	65.16 3.45 -21.58	66.37 3.93 -15.63	121.28 4.92 -55.61	115.50 5.24 -40.45	115.50 4.63 -47.41	115.51 4.01 -54.27	66.82 3.75 -10.95	65.08 3.18 -14.40	62.53 2.64 -14.42
GOWANUS_GT4_7 24136	61.41 3.36 -14.37	60.53 3.14 -16.55	60.50 3.04 -16.37	59.75 3.04 -15.60	59.76 3.18 -14.22	61.48 3.28 -11.41	66.48 4.46 0.00	68.92 5.02 -0.30	65.07 4.24 -8.44	64.99 3.91 -18.13	65.00 3.57 -20.35	66.95 3.30 -25.69	67.00 3.16 -26.16	68.11 3.17 -27.67	67.05 3.10 -26.62	65.16 3.45 -21.58	66.37 3.93 -15.63	121.28 4.92 -55.61	115.50 5.24 -40.45	115.50 4.63 -47.41	115.51 4.01 -54.27	66.82 3.75 -10.95	65.08 3.18 -14.40	62.53 2.64 -14.42
GOWANUS_GT4_8 24137	61.41 3.36 -14.37	60.53 3.14 -16.55	60.50 3.04 -16.37	59.75 3.04 -15.60	59.76 3.18 -14.22	61.48 3.28 -11.41	66.48 4.46 0.00	68.92 5.02 -0.30	65.07 4.24 -8.44	64.99 3.91 -18.13	65.00 3.57 -20.35	66.95 3.30 -25.69	67.00 3.16 -26.16	68.11 3.17 -27.67	67.05 3.10 -26.62	65.16 3.45 -21.58	66.37 3.93 -15.63	121.28 4.92 -55.61	115.50 5.24 -40.45	115.50 4.63 -47.41	115.51 4.01 -54.27	66.82 3.75 -10.95	65.08 3.18 -14.40	62.53 2.64 -14.42
GREENBSH_115KV_TB3 55895	45.69 2.01 0.00	42.76 1.92 0.00	43.02 1.93 0.00	43.04 1.93 0.00	44.35 1.99 0.00	48.95 2.15 0.00	64.80 2.79 0.00	66.40 2.80 0.00	54.58 2.20 0.00	44.79 1.85 0.00	42.81 1.73 0.00	39.44 1.48 0.00	39.11 1.43 0.00	38.69 1.42 0.00	38.75 1.42 0.00	41.74 1.61 0.00	48.77 1.97 0.00	63.49 2.73 0.00	72.67 2.86 0.00	66.00 2.54 0.00	59.52 2.29 0.00	54.25 2.14 0.00	49.35 1.85 0.00	47.29 1.82 0.00
GREENIDGE_115KV_TB5 80291	43.20 -0.48 0.00	40.39 -0.45 0.00	40.55 -0.53 0.00	40.53 -0.58 0.00	41.80 -0.55 0.00	46.65 -0.14 0.00	61.58 -0.43 0.00	62.58 -1.02 0.00	51.70 -0.68 0.00	42.05 -0.90 0.00	40.14 -0.94 0.00	37.05 -0.91 0.00	36.92 -0.75 0.00	36.49 -0.78 0.00	36.51 -0.82 0.00	39.33 -0.80 0.00	45.92 -0.89 0.00	58.99 -1.76 0.00	68.76 -1.05 0.00	62.76 -0.70 0.00	57.23 0.00 0.00	52.12 0.00 0.00	47.55 0.05 0.00	45.97 0.50 0.00
GREENIDGE___3 23582	43.20 -0.48 0.00	40.39 -0.45 0.00	40.55 -0.53 0.00	40.53 -0.58 0.00	41.80 -0.55 0.00	46.65 -0.14 0.00	61.58 -0.43 0.00	62.58 -1.02 0.00	51.70 -0.68 0.00	42.05 -0.90 0.00	40.14 -0.94 0.00	37.05 -0.91 0.00	36.92 -0.75 0.00	36.49 -0.78 0.00	36.51 -0.82 0.00	39.33 -0.80 0.00	45.92 -0.89 0.00	58.99 -1.76 0.00	68.76 -1.05 0.00	62.76 -0.70 0.00	57.23 0.00 0.00	52.12 0.00 0.00	47.55 0.05 0.00	45.97 0.50 0.00
GREENIDGE___4 23583	43.20 -0.48 0.00	40.39 -0.45 0.00	40.55 -0.54 0.00	40.53 -0.58 0.00	41.85 -0.51 0.00	46.65 -0.14 0.00	61.58 -0.43 0.00	62.58 -1.02 0.00	51.65 -0.73 0.00	42.04 -0.90 0.00	40.14 -0.94 0.00	37.09 -0.87 0.00	36.92 -0.75 0.00	36.49 -0.78 0.00	36.51 -0.82 0.00	39.37 -0.76 0.00	45.97 -0.84 0.00	59.66 -1.09 0.00	68.77 -1.05 0.00	62.70 -0.76 0.00	57.23 0.00 0.00	52.06 -0.05 0.00	47.55 0.05 0.00	45.93 0.45 0.00
GREENLWN_69_KV_BK 3 55738	46.87 3.19 0.00	43.86 3.02 0.00	43.88 2.79 0.00	43.90 2.80 0.00	45.49 3.13 0.00	50.21 3.42 0.00	64.74 2.73 0.00	66.52 2.93 0.00	56.52 4.14 0.00	46.60 3.65 0.00	44.41 3.33 0.00	41.11 3.15 0.00	40.39 2.71 0.00	39.95 2.68 0.00	40.09 2.76 0.00	43.62 3.49 0.00	49.75 2.53 -0.41	64.28 3.52 0.00	73.51 3.70 0.00	66.38 2.92 0.00	59.52 2.29 0.00	55.57 3.44 -0.01	49.79 1.90 -0.39	48.02 2.55 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	61.41 3.36 -14.37	60.53 3.14 -16.55	60.50 3.04 -16.37	59.75 3.04 -15.60	59.76 3.18 -14.22	61.48 3.28 -11.41	66.48 4.46 0.00	68.92 5.02 -0.30	65.07 4.24 -8.44	64.99 3.91 -18.13	65.00 3.57 -20.35	66.95 3.30 -25.69	67.00 3.16 -26.16	68.11 3.17 -27.67	67.05 3.10 -26.62	65.16 3.45 -21.58	66.37 3.93 -15.63	121.28 4.92 -55.61	115.50 5.24 -40.45	115.50 4.63 -47.41	115.51 4.01 -54.27	66.82 3.75 -10.95	65.08 3.18 -14.40	62.53 2.64 -14.42
GRISSOM___SOLAR 323813	46.30 2.62 0.00	43.37 2.53 0.00	43.55 2.46 0.00	43.65 2.55 0.00	45.03 2.67 0.00	49.88 3.09 0.00	66.48 4.47 0.00	67.98 4.38 0.00	55.21 2.83 0.00	44.88 1.93 0.00	42.56 1.48 0.00	39.10 1.14 0.00	38.73 1.05 0.00	38.28 1.01 0.00	38.38 1.04 0.00	41.54 1.40 0.00	49.33 2.53 0.00	64.89 4.13 0.00	74.77 4.96 0.00	67.83 4.38 0.00	61.30 4.06 0.00	55.71 3.59 0.00	50.54 3.04 0.00	48.43 2.95 0.00
GROVEVILLE___HYD 323602	46.38 2.71 0.00	43.41 2.57 0.00	43.59 2.51 0.00	43.57 2.47 0.00	44.94 2.58 0.00	49.55 2.76 0.00	66.04 4.03 0.00	67.67 4.07 0.00	55.68 3.30 0.00	45.70 2.75 0.00	43.55 2.46 0.00	40.24 2.28 0.00	39.86 2.19 0.00	39.43 2.16 0.00	39.50 2.17 0.00	42.54 2.41 0.00	49.76 2.95 0.00	64.64 3.89 0.00	74.00 4.19 0.00	67.20 3.74 0.00	60.55 3.32 0.00	55.14 3.02 0.00	50.06 2.56 0.00	47.66 2.18 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	43.37 -0.31 0.00	40.55 -0.29 0.00	40.76 -0.33 0.00	40.78 -0.33 0.00	41.97 -0.38 0.00	46.61 -0.19 0.00	61.89 -0.12 0.00	63.28 -0.32 0.00	52.07 -0.31 0.00	42.65 -0.30 0.00	40.83 -0.25 0.00	37.77 -0.19 0.00	37.56 -0.11 0.00	37.12 -0.15 0.00	37.15 -0.19 0.00	39.93 -0.20 0.00	46.48 -0.33 0.00	59.90 -0.85 0.00	69.11 -0.70 0.00	62.82 -0.63 0.00	56.72 -0.52 0.00	51.65 -0.47 0.00	47.07 -0.43 0.00	45.20 -0.27 0.00

HAMLTNNY_34_KV_TB 80303	43.24 -0.44 0.00	40.43 -0.41 0.00	40.63 -0.45 0.00	40.65 -0.45 0.00	41.85 -0.51 0.00	46.47 -0.33 0.00	61.70 -0.31 0.00	63.09 -0.51 0.00	51.96 -0.42 0.00	42.52 -0.43 0.00	40.71 -0.37 0.00	37.66 -0.30 0.00	37.45 -0.23 0.00	37.05 -0.22 0.00	37.07 -0.26 0.00	39.81 -0.32 0.00	46.39 -0.42 0.00	59.96 -0.79 0.00	69.25 -0.56 0.00	62.95 -0.51 0.00	56.83 -0.40 0.00	51.75 -0.36 0.00	47.17 -0.33 0.00	45.29 -0.18 0.00
HAMPSHIRE___PAPER_HYD 323593	45.97 2.27 -0.02	42.51 1.67 0.00	42.73 1.65 0.00	42.91 1.81 0.00	44.35 1.99 0.00	48.85 2.06 0.00	64.62 2.60 0.00	65.95 2.35 0.00	53.48 1.10 0.00	43.03 0.09 0.00	40.96 -0.12 0.00	37.73 -0.23 0.00	37.52 -0.15 0.00	37.01 -0.26 0.00	37.26 -0.07 0.00	40.21 0.08 0.00	47.28 0.47 0.00	62.09 1.33 0.00	69.81 0.00 0.00	63.65 0.19 0.00	57.29 0.06 0.00	52.12 0.00 0.00	47.74 0.24 0.00	45.56 0.09 0.00
HARDSCRABBLE_WT_PWR 323673	43.72 0.04 0.00	40.80 -0.04 0.00	41.04 -0.04 0.00	41.11 0.00 0.00	42.36 0.00 0.00	46.89 0.09 0.00	62.14 0.12 0.00	63.73 0.13 0.00	52.38 0.00 0.00	42.90 -0.04 0.00	41.00 -0.08 0.00	37.89 -0.08 0.00	37.64 -0.04 0.00	37.20 -0.07 0.00	37.29 -0.04 0.00	40.09 -0.04 0.00	46.85 0.05 0.00	61.00 0.24 0.00	70.16 0.35 0.00	63.78 0.32 0.00	57.58 0.35 0.00	52.43 0.31 0.00	47.69 0.19 0.00	45.61 0.14 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	45.99 2.31 0.00	43.00 2.16 0.00	43.18 2.10 0.00	43.16 2.06 0.00	44.52 2.16 0.00	49.09 2.29 0.00	65.36 3.35 0.00	67.03 3.43 0.00	55.21 2.83 0.00	45.40 2.45 0.00	43.30 2.22 0.00	40.01 2.05 0.00	39.63 1.96 0.00	39.21 1.94 0.00	39.27 1.94 0.00	42.30 2.17 0.00	49.43 2.62 0.00	64.09 3.34 0.00	73.44 3.63 0.00	66.70 3.24 0.00	60.04 2.80 0.00	54.72 2.61 0.00	49.68 2.18 0.00	47.25 1.77 0.00
HARSNRAD_115KV_TB1 81005	40.93 -2.75 0.00	38.22 -2.61 0.00	38.29 -2.79 0.00	38.31 -2.80 0.00	39.48 -2.88 0.00	44.03 -2.76 0.00	58.04 -3.97 0.00	58.07 -5.53 0.00	48.19 -4.19 0.00	39.34 -3.61 0.00	37.79 -3.29 0.00	34.85 -3.11 0.00	34.92 -2.75 0.00	34.59 -2.68 0.00	34.64 -2.69 0.00	37.32 -2.81 0.00	42.92 -3.88 0.00	54.80 -5.95 0.00	63.81 -6.00 0.00	58.19 -5.27 0.00	52.94 -4.29 0.00	48.57 -3.54 0.00	44.93 -2.56 0.00	44.20 -1.27 0.00
HARZA MOOSE___RIVER 24016	45.21 1.53 -0.01	41.98 1.14 0.00	42.19 1.11 0.00	42.34 1.23 0.00	43.67 1.31 0.00	48.53 1.73 0.00	64.43 2.42 0.00	65.82 2.23 0.00	53.85 1.47 0.00	43.59 0.64 0.00	41.61 0.53 0.00	38.30 0.34 0.00	38.13 0.45 0.00	37.68 0.41 0.00	37.82 0.49 0.00	40.78 0.64 0.00	47.79 0.98 0.00	62.39 1.64 0.00	71.70 1.88 0.00	65.24 1.78 0.00	58.78 1.55 0.00	53.47 1.36 0.00	48.69 1.19 0.00	46.56 1.09 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	42.85 -0.83 0.00	40.10 -0.74 0.00	40.30 -0.78 0.00	40.28 -0.82 0.00	41.47 -0.89 0.00	46.00 -0.80 0.00	61.08 -0.93 0.00	62.45 -1.14 0.00	51.44 -0.94 0.00	42.17 -0.77 0.00	40.42 -0.66 0.00	37.39 -0.57 0.00	37.18 -0.49 0.00	36.75 -0.52 0.00	36.77 -0.56 0.00	39.49 -0.64 0.00	45.96 -0.84 0.00	59.42 -1.34 0.00	68.49 -1.33 0.00	62.25 -1.21 0.00	56.20 -1.03 0.00	51.23 -0.89 0.00	46.69 -0.81 0.00	44.84 -0.64 0.00
HELLGATE_13_KV_LD 55870	46.74 3.06 -0.01	43.66 2.82 -0.01	43.80 2.71 -0.01	43.83 2.71 -0.01	45.19 2.84 0.00	49.70 2.90 0.00	65.98 3.97 0.00	68.05 4.45 0.00	56.21 3.82 0.00	47.17 3.56 -0.66	45.94 3.29 -1.57	44.72 3.07 -3.68	44.33 2.90 -3.75	44.15 2.91 -3.97	43.99 2.84 -3.82	44.05 3.13 -0.78	50.36 3.56 0.00	65.19 4.43 0.00	74.42 4.61 0.00	67.58 4.12 0.00	60.78 3.55 0.00	55.45 3.34 0.00	50.30 2.80 0.00	47.75 2.27 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	46.74 3.06 -0.01	43.66 2.82 -0.01	43.80 2.71 -0.01	43.83 2.71 -0.01	45.19 2.84 0.00	49.70 2.90 0.00	65.98 3.97 0.00	68.05 4.45 0.00	56.21 3.82 0.00	47.17 3.56 -0.66	45.94 3.29 -1.57	44.72 3.07 -3.68	44.33 2.90 -3.75	44.15 2.91 -3.97	43.99 2.84 -3.82	44.05 3.13 -0.78	50.36 3.56 0.00	65.19 4.43 0.00	74.42 4.61 0.00	67.58 4.12 0.00	60.78 3.55 0.00	55.45 3.34 0.00	50.30 2.80 0.00	47.75 2.27 0.00
HEMPSTEAD____ 23647	46.78 3.10 0.00	43.69 2.86 0.00	43.75 2.67 0.00	43.86 2.75 0.00	45.24 2.88 0.00	50.07 3.27 0.00	66.11 4.09 0.00	67.73 4.13 0.00	56.47 4.09 0.00	46.56 3.61 0.00	44.33 3.24 0.00	40.96 3.00 0.00	40.39 2.71 0.00	39.92 2.65 0.00	40.09 2.76 0.00	43.31 3.17 -0.01	51.53 3.75 -0.97	64.89 4.13 0.00	74.77 4.96 0.00	67.52 4.06 0.00	60.78 3.55 0.00	55.91 3.75 -0.04	51.57 3.13 -0.94	47.97 2.50 0.00
HEWLETT_69_KV_BK3 55828	47.21 3.54 0.00	44.14 3.31 0.00	44.21 3.12 0.00	44.23 3.12 0.00	45.74 3.39 0.00	50.49 3.70 0.00	66.79 4.78 0.00	68.56 4.96 0.00	56.83 4.45 0.00	46.81 3.87 0.00	44.70 3.62 0.00	41.30 3.34 0.00	40.73 3.05 0.00	40.33 3.06 0.00	40.39 3.06 0.00	43.79 3.65 0.00	54.12 4.31 -3.00	65.98 5.22 0.00	75.68 5.86 0.00	68.41 4.95 0.00	61.47 4.24 0.00	56.53 4.33 -0.09	54.13 3.75 -2.88	48.43 2.96 0.00
HICKLING___1 23621	43.28 -0.39 0.00	40.43 -0.41 0.00	40.63 -0.45 0.00	40.61 -0.49 0.00	41.89 -0.47 0.00	46.65 -0.14 0.00	61.95 -0.06 0.00	62.71 -0.89 0.00	51.49 -0.89 0.00	41.92 -1.03 0.00	40.05 -1.03 0.00	36.97 -0.99 0.00	36.88 -0.79 0.00	36.41 -0.86 0.00	36.47 -0.86 0.00	39.29 -0.84 0.00	45.82 -0.98 0.00	59.23 -1.52 0.00	68.90 -0.91 0.00	62.89 -0.57 0.00	57.00 -0.23 0.00	51.96 -0.16 0.00	47.55 0.05 0.00	46.15 0.68 0.00
HICKLING___2 23622	43.28 -0.39 0.00	40.43 -0.41 0.00	40.63 -0.45 0.00	40.61 -0.49 0.00	41.89 -0.47 0.00	46.65 -0.14 0.00	61.95 -0.06 0.00	62.71 -0.89 0.00	51.49 -0.89 0.00	41.92 -1.03 0.00	40.05 -1.03 0.00	36.97 -0.99 0.00	36.88 -0.79 0.00	36.41 -0.86 0.00	36.47 -0.86 0.00	39.29 -0.84 0.00	45.82 -0.98 0.00	59.23 -1.52 0.00	68.90 -0.91 0.00	62.89 -0.57 0.00	57.00 -0.23 0.00	51.96 -0.16 0.00	47.55 0.05 0.00	46.15 0.68 0.00
HIGH FALLS___HY 23754	46.12 2.45 0.00	43.12 2.29 0.00	43.26 2.18 0.00	43.24 2.14 0.00	44.64 2.29 0.00	49.23 2.43 0.00	65.67 3.66 0.00	67.29 3.69 0.00	55.32 2.93 0.00	45.40 2.45 0.00	43.26 2.18 0.00	39.97 2.01 0.00	39.60 1.92 0.00	39.21 1.94 0.00	39.27 1.94 0.00	42.26 2.13 0.00	49.43 2.62 0.00	64.22 3.46 0.00	73.65 3.84 0.00	66.95 3.49 0.00	60.32 3.09 0.00	54.93 2.81 0.00	49.83 2.33 0.00	47.38 1.91 0.00
HIGH_RIVER___SOLAR 323847	45.60 1.92 0.00	42.68 1.84 0.00	42.89 1.81 0.00	42.96 1.85 0.00	44.30 1.95 0.00	48.95 2.15 0.00	65.05 3.04 0.00	66.53 2.93 0.00	54.37 1.99 0.00	44.28 1.33 0.00	42.07 0.98 0.00	38.68 0.72 0.00	38.35 0.68 0.00	37.94 0.67 0.00	38.08 0.75 0.00	41.09 0.96 0.00	48.59 1.78 0.00	63.61 2.86 0.00	73.16 3.35 0.00	66.38 2.92 0.00	59.98 2.75 0.00	54.57 2.45 0.00	49.59 2.09 0.00	47.47 2.00 0.00

HILLBURN___GT 23639	45.95 2.27 0.00	42.96 2.12 0.00	43.14 2.05 0.00	43.12 2.01 0.00	44.47 2.12 0.00	49.04 2.25 0.00	65.24 3.22 0.00	67.03 3.43 0.00	55.31 2.93 0.00	45.61 2.66 0.00	43.42 2.34 0.00	40.09 2.12 0.00	39.71 2.03 0.00	39.32 2.05 0.00	39.35 2.01 0.00	42.26 2.13 0.00	49.43 2.62 0.00	63.97 3.22 0.00	73.37 3.56 0.00	66.57 3.11 0.00	59.98 2.75 0.00	54.67 2.55 0.00	49.64 2.14 0.00	47.16 1.68 0.00
HILLSIDE_115KV_TB1 80332	42.89 -0.79 0.00	40.10 -0.74 0.00	40.30 -0.78 0.00	40.28 -0.82 0.00	41.55 -0.80 0.00	46.14 -0.66 0.00	61.21 -0.81 0.00	62.01 -1.59 0.00	51.02 -1.36 0.00	41.66 -1.29 0.00	39.81 -1.27 0.00	36.75 -1.21 0.00	36.62 -1.05 0.00	36.19 -1.08 0.00	36.25 -1.08 0.00	39.05 -1.08 0.00	45.45 -1.36 0.00	58.69 -2.07 0.00	68.07 -1.75 0.00	62.13 -1.33 0.00	56.26 -0.97 0.00	51.28 -0.83 0.00	46.98 -0.52 0.00	45.56 0.09 0.00
HISHELDN_WT_PWR 323625	40.75 -2.93 0.00	38.14 -2.70 0.00	38.29 -2.80 0.00	38.31 -2.80 0.00	39.56 -2.80 0.00	44.03 -2.76 0.00	58.23 -3.78 0.00	58.51 -5.09 0.00	47.88 -4.51 0.00	39.00 -3.95 0.00	37.30 -3.78 0.00	34.43 -3.53 0.00	34.36 -3.32 0.00	34.03 -3.24 0.00	34.08 -3.25 0.00	36.80 -3.33 0.00	42.69 -4.12 0.00	55.16 -5.59 0.00	64.09 -5.72 0.00	58.83 -4.63 0.00	53.57 -3.66 0.00	49.15 -2.97 0.00	45.36 -2.14 0.00	44.34 -1.14 0.00
HOLTSVILLE_IC_1 23690	47.09 3.41 0.00	43.94 3.10 0.00	43.96 2.87 0.00	44.10 3.00 0.00	45.45 3.09 0.00	50.31 3.51 0.00	65.92 3.91 0.00	67.54 3.94 0.00	56.73 4.35 0.00	46.94 3.99 0.00	44.53 3.45 0.00	41.19 3.22 0.00	40.54 2.86 0.00	39.92 2.65 0.00	40.17 2.84 0.00	43.55 3.41 -0.01	50.88 3.84 -0.23	64.58 3.83 0.00	75.05 5.24 0.00	67.39 3.94 0.00	60.61 3.38 0.00	56.30 4.17 -0.01	51.30 3.56 -0.23	48.11 2.64 0.00
HOLTSVILLE_IC_10 23699	47.30 3.62 0.00	44.14 3.31 0.00	44.17 3.08 0.00	44.31 3.21 0.00	45.66 3.31 0.00	50.58 3.79 0.00	66.29 4.28 0.00	67.93 4.33 0.00	57.04 4.66 0.00	47.16 4.21 0.00	44.74 3.65 0.00	41.38 3.42 0.00	40.69 3.02 0.00	40.10 2.83 0.00	40.35 3.02 0.00	43.75 3.61 0.00	51.10 4.03 -0.26	65.00 4.25 0.00	75.54 5.73 0.00	67.83 4.38 0.00	60.95 3.72 0.00	56.61 4.48 -0.02	51.47 3.71 -0.26	48.39 2.91 0.00
HOLTSVILLE_IC_2 23691	47.09 3.41 0.00	43.94 3.10 0.00	43.96 2.87 0.00	44.10 3.00 0.00	45.45 3.09 0.00	50.31 3.51 0.00	65.92 3.91 0.00	67.54 3.94 0.00	56.73 4.35 0.00	46.94 3.99 0.00	44.53 3.45 0.00	41.19 3.22 0.00	40.54 2.86 0.00	39.92 2.65 0.00	40.17 2.84 0.00	43.55 3.41 -0.01	50.88 3.84 -0.23	64.58 3.83 0.00	75.05 5.24 0.00	67.39 3.94 0.00	60.61 3.38 0.00	56.30 4.17 -0.01	51.30 3.56 -0.23	48.11 2.64 0.00
HOLTSVILLE_IC_3 23692	47.09 3.41 0.00	43.94 3.10 0.00	43.96 2.87 0.00	44.10 3.00 0.00	45.45 3.09 0.00	50.31 3.51 0.00	65.92 3.91 0.00	67.54 3.94 0.00	56.73 4.35 0.00	46.94 3.99 0.00	44.53 3.45 0.00	41.19 3.22 0.00	40.54 2.86 0.00	39.92 2.65 0.00	40.17 2.84 0.00	43.55 3.41 -0.01	50.88 3.84 -0.23	64.58 3.83 0.00	75.05 5.24 0.00	67.39 3.94 0.00	60.61 3.38 0.00	56.30 4.17 -0.01	51.30 3.56 -0.23	48.11 2.64 0.00
HOLTSVILLE_IC_4 23693	47.09 3.41 0.00	43.94 3.10 0.00	43.96 2.87 0.00	44.10 3.00 0.00	45.45 3.09 0.00	50.31 3.51 0.00	65.92 3.91 0.00	67.54 3.94 0.00	56.73 4.35 0.00	46.94 3.99 0.00	44.53 3.45 0.00	41.19 3.22 0.00	40.54 2.86 0.00	39.92 2.65 0.00	40.17 2.84 0.00	43.55 3.41 -0.01	50.88 3.84 -0.23	64.58 3.83 0.00	75.05 5.24 0.00	67.39 3.94 0.00	60.61 3.38 0.00	56.30 4.17 -0.01	51.30 3.56 -0.23	48.11 2.64 0.00
HOLTSVILLE_IC_5 23694	47.09 3.41 0.00	43.94 3.10 0.00	43.96 2.87 0.00	44.10 3.00 0.00	45.45 3.09 0.00	50.31 3.51 0.00	65.92 3.91 0.00	67.54 3.94 0.00	56.73 4.35 0.00	46.94 3.99 0.00	44.53 3.45 0.00	41.19 3.22 0.00	40.54 2.86 0.00	39.92 2.65 0.00	40.17 2.84 0.00	43.55 3.41 -0.01	50.88 3.84 -0.23	64.58 3.83 0.00	75.05 5.24 0.00	67.39 3.94 0.00	60.61 3.38 0.00	56.30 4.17 -0.01	51.30 3.56 -0.23	48.11 2.64 0.00
HOLTSVILLE_IC_6 23695	47.30 3.62 0.00	44.14 3.31 0.00	44.17 3.08 0.00	44.31 3.21 0.00	45.66 3.31 0.00	50.58 3.79 0.00	66.29 4.28 0.00	67.93 4.33 0.00	57.04 4.66 0.00	47.16 4.21 0.00	44.74 3.65 0.00	41.38 3.42 0.00	40.69 3.02 0.00	40.10 2.83 0.00	40.35 3.02 0.00	43.75 3.61 -0.01	51.10 4.03 -0.26	65.00 4.25 0.00	75.54 5.73 0.00	67.83 4.38 0.00	60.95 3.72 0.00	56.61 4.48 -0.02	51.47 3.71 -0.26	48.39 2.91 0.00
HOLTSVILLE_IC_7 23696	47.30 3.62 0.00	44.14 3.31 0.00	44.17 3.08 0.00	44.31 3.21 0.00	45.66 3.31 0.00	50.58 3.79 0.00	66.29 4.28 0.00	67.93 4.33 0.00	57.04 4.66 0.00	47.16 4.21 0.00	44.74 3.65 0.00	41.38 3.42 0.00	40.69 3.02 0.00	40.10 2.83 0.00	40.35 3.02 0.00	43.75 3.61 -0.01	51.10 4.03 -0.26	65.00 4.25 0.00	75.54 5.73 0.00	67.83 4.38 0.00	60.95 3.72 0.00	56.61 4.48 -0.02	51.47 3.71 -0.26	48.39 2.91 0.00
HOLTSVILLE_IC_8 23697	47.30 3.62 0.00	44.14 3.31 0.00	44.17 3.08 0.00	44.31 3.21 0.00	45.66 3.31 0.00	50.58 3.79 0.00	66.29 4.28 0.00	67.93 4.33 0.00	57.04 4.66 0.00	47.16 4.21 0.00	44.74 3.65 0.00	41.38 3.42 0.00	40.69 3.02 0.00	40.10 2.83 0.00	40.35 3.02 0.00	43.75 3.61 -0.01	51.10 4.03 -0.26	65.00 4.25 0.00	75.54 5.73 0.00	67.83 4.38 0.00	60.95 3.72 0.00	56.61 4.48 -0.02	51.47 3.71 -0.26	48.39 2.91 0.00
HOLTSVILLE_IC_9 23698	47.30 3.62 0.00	44.14 3.31 0.00	44.17 3.08 0.00	44.31 3.21 0.00	45.66 3.31 0.00	50.58 3.79 0.00	66.29 4.28 0.00	67.93 4.33 0.00	57.04 4.66 0.00	47.16 4.21 0.00	44.74 3.65 0.00	41.38 3.42 0.00	40.69 3.02 0.00	40.10 2.83 0.00	40.35 3.02 0.00	43.75 3.61 -0.01	51.10 4.03 -0.26	65.00 4.25 0.00	75.54 5.73 0.00	67.83 4.38 0.00	60.95 3.72 0.00	56.61 4.48 -0.02	51.47 3.71 -0.26	48.39 2.91 0.00
HOMER_HL_115KV_TB2 355744	42.93 -0.74 0.00	40.14 -0.69 0.00	40.22 -0.86 0.00	40.24 -0.86 0.00	41.51 -0.85 0.00	46.19 -0.61 0.00	61.27 -0.74 0.00	61.12 -2.48 0.00	50.50 -1.89 0.00	41.10 -1.85 0.00	39.36 -1.73 0.00	36.25 -1.71 0.00	36.28 -1.39 0.00	35.85 -1.42 0.00	35.91 -1.42 0.00	38.81 -1.32 0.00	44.84 -1.97 0.00	57.59 -3.16 0.00	67.09 -2.72 0.00	61.43 -2.03 0.00	55.80 -1.43 0.00	50.97 -1.15 0.00	47.07 -0.43 0.00	46.29 0.82 0.00
HOWARD_WT_PWR 323690	40.97 -2.71 0.00	38.27 -2.57 0.00	38.45 -2.63 0.00	38.47 -2.63 0.00	39.73 -2.63 0.00	44.41 -2.38 0.00	58.98 -3.04 0.00	59.59 -4.00 0.00	48.56 -3.82 0.00	39.43 -3.52 0.00	37.55 -3.53 0.00	34.62 -3.34 0.00	34.55 -3.13 0.00	34.14 -3.13 0.00	34.12 -3.21 0.00	36.80 -3.33 0.00	43.11 -3.70 0.00	56.13 -4.62 0.00	66.04 -3.77 0.00	60.80 -2.66 0.00	55.35 -1.89 0.00	50.60 -1.51 0.00	46.41 -1.09 0.00	45.11 -0.37 0.00

HQ_GEN_CEDARS 23644	47.73 4.02 -0.03	44.10 3.27 0.00	44.37 3.29 0.00	44.56 3.45 0.00	46.04 3.68 0.00	50.40 3.60 0.00	66.42 4.40 0.00	67.67 4.07 0.00	54.84 2.46 0.00	44.06 1.12 0.00	41.90 0.82 0.00	38.61 0.65 0.00	38.31 0.64 0.00	37.83 0.56 0.00	38.08 0.75 0.00	41.10 0.96 0.00	48.45 1.64 0.00	63.85 3.10 0.00	69.67 -0.14 0.00	63.59 0.13 0.00	57.23 0.00 0.00	51.96 -0.16 0.00	47.59 0.09 0.00	45.43 -0.05 0.00
HQ_GEN_CEDARS_PROXY 323590	47.73 4.02 -0.03	44.11 3.27 0.00	44.37 3.29 0.00	44.56 3.45 0.00	46.08 3.73 0.00	50.40 3.60 0.00	66.42 4.40 0.00	67.67 4.07 0.00	54.84 2.46 0.00	44.02 1.07 0.00	41.90 0.82 0.00	38.61 0.64 0.00	38.31 0.64 0.00	37.83 0.56 0.00	38.08 0.75 0.00	41.09 0.96 0.00	48.44 1.64 0.00	63.85 3.10 0.00	69.67 -0.14 0.00	63.59 0.13 0.00	57.23 0.00 0.00	51.96 -0.16 0.00	47.59 0.10 0.00	45.43 -0.05 0.00
HQ_GEN_IMPORT 323601	43.20 -0.48 0.00	40.35 -0.49 0.00	40.59 -0.49 0.00	40.65 -0.45 0.00	41.89 -0.46 0.00	46.23 -0.56 0.00	61.21 -0.81 0.00	62.96 -0.64 0.00	51.81 -0.58 0.00	42.43 -0.51 0.00	40.55 -0.54 0.00	37.51 -0.45 0.00	37.18 -0.49 0.00	36.79 -0.49 0.00	36.89 -0.45 0.00	39.65 -0.48 0.00	46.29 -0.51 0.00	60.20 -0.55 0.00	69.25 -0.56 0.00	63.02 -0.44 0.00	56.77 -0.46 0.00	51.65 -0.47 0.00	47.12 -0.38 0.00	45.06 -0.41 0.00
HQ_GEN_WHEEL 23651	43.20 -0.48 0.00	40.35 -0.49 0.00	40.59 -0.49 0.00	40.65 -0.45 0.00	41.89 -0.46 0.00	46.23 -0.56 0.00	61.21 -0.81 0.00	62.96 -0.64 0.00	51.81 -0.58 0.00	42.43 -0.51 0.00	40.55 -0.54 0.00	37.51 -0.45 0.00	37.18 -0.49 0.00	36.79 -0.49 0.00	36.89 -0.45 0.00	39.65 -0.48 0.00	46.29 -0.51 0.00	60.20 -0.55 0.00	69.25 -0.56 0.00	63.02 -0.44 0.00	56.77 -0.46 0.00	51.65 -0.47 0.00	47.12 -0.38 0.00	45.06 -0.41 0.00
HUDSON_AVE_GT_3 23810	46.52 2.84 0.00	43.49 2.65 0.00	43.59 2.51 0.00	43.61 2.51 0.00	45.02 2.67 0.00	49.65 2.85 0.00	66.11 4.09 0.00	67.99 4.39 0.00	56.15 3.77 0.00	46.38 3.44 0.00	44.28 3.20 0.00	40.92 2.96 0.00	40.50 2.83 0.00	40.10 2.83 0.00	40.06 2.73 0.00	43.14 3.01 0.00	50.22 3.42 0.00	65.00 4.25 0.00	74.35 4.54 0.00	67.46 4.00 0.00	60.72 3.49 0.00	55.35 3.23 0.00	50.21 2.71 0.00	47.61 2.14 0.00
HUDSON_AVE_GT_4 23540	46.52 2.84 0.00	43.49 2.65 0.00	43.59 2.51 0.00	43.61 2.51 0.00	45.02 2.67 0.00	49.65 2.85 0.00	66.11 4.09 0.00	67.99 4.39 0.00	56.15 3.77 0.00	46.38 3.44 0.00	44.28 3.20 0.00	40.92 2.96 0.00	40.50 2.83 0.00	40.10 2.83 0.00	40.06 2.73 0.00	43.14 3.01 0.00	50.22 3.42 0.00	65.00 4.25 0.00	74.35 4.54 0.00	67.46 4.00 0.00	60.72 3.49 0.00	55.35 3.23 0.00	50.21 2.71 0.00	47.61 2.14 0.00
HUDSON_AVE_GT_5 23657	46.52 2.84 0.00	43.49 2.65 0.00	43.59 2.51 0.00	43.61 2.51 0.00	45.02 2.67 0.00	49.65 2.85 0.00	66.11 4.09 0.00	67.99 4.39 0.00	56.15 3.77 0.00	46.38 3.44 0.00	44.28 3.20 0.00	40.92 2.96 0.00	40.50 2.83 0.00	40.10 2.83 0.00	40.06 2.73 0.00	43.14 3.01 0.00	50.22 3.42 0.00	65.00 4.25 0.00	74.35 4.54 0.00	67.46 4.00 0.00	60.72 3.49 0.00	55.35 3.23 0.00	50.21 2.71 0.00	47.61 2.14 0.00
HUDSON_AVE_10 24168	46.38 2.71 0.00	43.37 2.53 0.00	43.47 2.38 0.00	43.49 2.38 0.00	44.85 2.50 0.00	49.51 2.71 0.00	65.92 3.91 0.00	67.80 4.20 0.00	56.00 3.61 0.00	46.30 3.35 0.00	44.24 3.16 0.00	40.88 2.92 0.00	40.42 2.75 0.00	40.03 2.76 0.00	40.02 2.69 0.00	43.06 2.93 0.00	50.13 3.32 0.00	64.88 4.13 0.00	74.14 4.33 0.00	67.33 3.87 0.00	60.55 3.32 0.00	55.19 3.07 0.00	50.06 2.56 0.00	47.47 2.00 0.00
HUDSON___115KV_TB 4 355613	46.34 2.66 0.00	43.41 2.57 0.00	43.63 2.55 0.00	43.65 2.55 0.00	45.02 2.67 0.00	49.70 2.90 0.00	65.98 3.97 0.00	67.35 3.75 0.00	55.05 2.67 0.00	45.01 2.06 0.00	42.85 1.77 0.00	39.48 1.52 0.00	39.14 1.47 0.00	38.76 1.49 0.00	38.86 1.53 0.00	41.90 1.77 0.00	49.19 2.39 0.00	64.34 3.58 0.00	73.93 4.12 0.00	67.14 3.68 0.00	60.61 3.38 0.00	55.19 3.07 0.00	50.16 2.66 0.00	48.11 2.64 0.00
HUNTER MOUNT___DRP 323613	46.56 2.88 0.00	43.61 2.78 0.00	43.84 2.75 0.00	43.86 2.75 0.00	45.19 2.84 0.00	49.93 3.14 0.00	66.35 4.34 0.00	67.61 4.01 0.00	55.16 2.78 0.00	44.97 2.02 0.00	42.77 1.68 0.00	39.40 1.44 0.00	39.07 1.39 0.00	38.69 1.42 0.00	38.79 1.46 0.00	41.86 1.73 0.00	49.24 2.43 0.00	64.52 3.77 0.00	74.21 4.40 0.00	67.39 3.93 0.00	60.84 3.61 0.00	55.40 3.28 0.00	50.35 2.85 0.00	48.34 2.86 0.00
HUNTINGTON_RES_REC 323705	47.09 3.41 0.00	43.94 3.10 0.00	43.92 2.83 0.00	44.07 2.96 0.00	45.49 3.13 0.00	50.40 3.60 0.00	65.36 3.35 0.00	66.97 3.37 0.00	56.78 4.40 0.00	46.86 3.91 0.00	44.49 3.41 0.00	41.11 3.15 0.00	40.46 2.79 0.00	39.92 2.65 0.00	40.17 2.84 0.00	43.59 3.45 -0.01	50.34 3.18 -0.35	64.34 3.58 0.00	74.42 4.61 0.00	67.07 3.62 0.00	60.38 3.15 0.00	56.04 3.91 -0.02	50.54 2.71 -0.34	48.20 2.73 0.00
HUNTLEY___63 23557	41.41 -2.27 0.00	38.67 -2.16 0.00	38.74 -2.34 0.00	38.76 -2.34 0.00	39.94 -2.41 0.00	44.55 -2.25 0.00	58.73 -3.29 0.00	58.76 -4.83 0.00	48.77 -3.61 0.00	39.81 -3.14 0.00	38.29 -2.79 0.00	35.30 -2.66 0.00	35.38 -2.30 0.00	35.03 -2.24 0.00	35.05 -2.28 0.00	37.85 -2.29 0.00	43.44 -3.37 0.00	55.47 -5.29 0.00	64.65 -5.17 0.00	58.95 -4.51 0.00	53.63 -3.61 0.00	49.15 -2.97 0.00	45.50 -1.99 0.00	44.75 -0.73 0.00
HUNTLEY___64 23558	41.41 -2.27 0.00	38.67 -2.16 0.00	38.74 -2.34 0.00	38.76 -2.34 0.00	39.94 -2.41 0.00	44.55 -2.25 0.00	58.73 -3.29 0.00	58.76 -4.83 0.00	48.77 -3.61 0.00	39.81 -3.14 0.00	38.29 -2.79 0.00	35.30 -2.66 0.00	35.38 -2.30 0.00	35.03 -2.24 0.00	35.05 -2.28 0.00	37.85 -2.29 0.00	43.44 -3.37 0.00	55.47 -5.29 0.00	64.65 -5.17 0.00	58.95 -4.51 0.00	53.63 -3.61 0.00	49.15 -2.97 0.00	45.50 -1.99 0.00	44.75 -0.73 0.00
HUNTLEY___65 23559	41.41 -2.27 0.00	38.67 -2.16 0.00	38.74 -2.34 0.00	38.76 -2.34 0.00	39.94 -2.41 0.00	44.55 -2.25 0.00	58.73 -3.29 0.00	58.76 -4.83 0.00	48.77 -3.61 0.00	39.81 -3.14 0.00	38.29 -2.79 0.00	35.30 -2.66 0.00	35.38 -2.30 0.00	35.03 -2.24 0.00	35.05 -2.28 0.00	37.85 -2.29 0.00	43.44 -3.37 0.00	55.47 -5.29 0.00	64.65 -5.17 0.00	58.95 -4.51 0.00	53.63 -3.61 0.00	49.15 -2.97 0.00	45.50 -1.99 0.00	44.75 -0.73 0.00
HUNTLEY___66 23560	41.41 -2.27 0.00	38.67 -2.16 0.00	38.74 -2.34 0.00	38.76 -2.34 0.00	39.94 -2.41 0.00	44.55 -2.25 0.00	58.73 -3.29 0.00	58.76 -4.83 0.00	48.77 -3.61 0.00	39.81 -3.14 0.00	38.29 -2.79 0.00	35.30 -2.66 0.00	35.38 -2.30 0.00	35.03 -2.24 0.00	35.05 -2.28 0.00	37.85 -2.29 0.00	43.44 -3.37 0.00	55.47 -5.29 0.00	64.65 -5.17 0.00	58.95 -4.51 0.00	53.63 -3.61 0.00	49.15 -2.97 0.00	45.50 -1.99 0.00	44.75 -0.73 0.00

HUNTLEY___67 23561	41.36 -2.31 0.00	38.63 -2.21 0.00	38.70 -2.38 0.00	38.72 -2.38 0.00	39.90 -2.46 0.00	44.45 -2.34 0.00	58.60 -3.41 0.00	58.64 -4.96 0.00	48.72 -3.67 0.00	39.81 -3.14 0.00	38.25 -2.83 0.00	35.27 -2.70 0.00	35.34 -2.34 0.00	34.96 -2.31 0.00	35.02 -2.31 0.00	37.77 -2.37 0.00	43.39 -3.42 0.00	55.41 -5.35 0.00	64.51 -5.31 0.00	58.83 -4.63 0.00	53.51 -3.72 0.00	49.04 -3.07 0.00	45.41 -2.09 0.00	44.65 -0.82 0.00
HUNTLEY___68 23562	41.36 -2.31 0.00	38.63 -2.21 0.00	38.70 -2.38 0.00	38.72 -2.38 0.00	39.90 -2.46 0.00	44.45 -2.34 0.00	58.60 -3.41 0.00	58.64 -4.96 0.00	48.72 -3.67 0.00	39.81 -3.14 0.00	38.25 -2.83 0.00	35.27 -2.70 0.00	35.34 -2.34 0.00	34.96 -2.31 0.00	35.02 -2.31 0.00	37.77 -2.37 0.00	43.39 -3.42 0.00	55.41 -5.35 0.00	64.51 -5.31 0.00	58.83 -4.63 0.00	53.51 -3.72 0.00	49.04 -3.07 0.00	45.41 -2.09 0.00	44.65 -0.82 0.00
HYLAND___LFGE 323620	43.37 -0.30 0.00	40.51 -0.33 0.00	40.63 -0.45 0.00	40.65 -0.45 0.00	41.93 -0.42 0.00	46.98 0.19 0.00	62.33 0.31 0.00	62.84 -0.76 0.00	51.07 -1.31 0.00	41.10 -1.85 0.00	39.07 -2.01 0.00	36.06 -1.90 0.00	35.83 -1.85 0.00	35.41 -1.86 0.00	35.43 -1.90 0.00	38.49 -1.65 0.00	45.12 -1.68 0.00	58.99 -1.76 0.00	69.25 -0.56 0.00	63.59 0.13 0.00	58.03 0.80 0.00	52.79 0.68 0.00	48.30 0.81 0.00	46.84 1.36 0.00
INDECK___CORINTH 23802	47.65 3.97 0.00	44.76 3.92 0.00	44.91 3.82 0.00	45.01 3.91 0.00	46.38 4.03 0.00	51.38 4.59 0.00	68.46 6.45 0.00	70.02 6.42 0.00	57.10 4.72 0.00	46.64 3.69 0.00	44.37 3.29 0.00	40.54 2.58 0.00	40.16 2.49 0.00	39.66 2.39 0.00	39.83 2.50 0.00	43.10 2.97 0.00	50.93 4.12 0.00	65.86 5.10 0.00	75.74 5.93 0.00	68.54 5.08 0.00	61.93 4.69 0.00	56.34 4.22 0.00	51.11 3.61 0.00	49.06 3.59 0.00
INDECK___ILION 23567	44.07 0.39 0.00	41.16 0.33 0.00	41.41 0.33 0.00	41.43 0.33 0.00	42.69 0.34 0.00	47.22 0.42 0.00	62.63 0.62 0.00	64.23 0.64 0.00	52.85 0.47 0.00	43.25 0.30 0.00	41.37 0.29 0.00	38.19 0.23 0.00	37.94 0.26 0.00	37.53 0.26 0.00	37.59 0.26 0.00	40.45 0.32 0.00	47.23 0.42 0.00	61.48 0.73 0.00	70.65 0.84 0.00	64.16 0.70 0.00	57.92 0.69 0.00	52.74 0.63 0.00	47.97 0.47 0.00	45.93 0.45 0.00
INDECK___OLEAN 23982	42.93 -0.74 0.00	40.14 -0.69 0.00	40.22 -0.86 0.00	40.24 -0.87 0.00	41.51 -0.85 0.00	46.18 -0.61 0.00	61.27 -0.74 0.00	61.12 -2.48 0.00	50.55 -1.83 0.00	41.23 -1.72 0.00	39.36 -1.72 0.00	36.37 -1.59 0.00	36.28 -1.39 0.00	35.89 -1.38 0.00	35.91 -1.42 0.00	38.81 -1.32 0.00	44.89 -1.92 0.00	57.90 -2.85 0.00	67.16 -2.65 0.00	61.37 -2.09 0.00	55.80 -1.43 0.00	50.97 -1.15 0.00	47.07 -0.43 0.00	46.25 0.77 0.00
INDECK___OSWEGO 23783	43.99 0.31 0.00	41.08 0.25 0.00	41.25 0.17 0.00	41.27 0.17 0.00	42.53 0.17 0.00	47.31 0.52 0.00	62.95 0.93 0.00	64.30 0.70 0.00	52.75 0.37 0.00	42.99 0.04 0.00	41.20 0.12 0.00	38.08 0.11 0.00	37.86 0.19 0.00	37.42 0.15 0.00	37.44 0.11 0.00	40.38 0.24 0.00	47.04 0.24 0.00	58.81 -1.95 0.00	67.72 -2.09 0.00	61.56 -1.90 0.00	55.57 -1.66 0.00	50.60 -1.51 0.00	46.17 -1.33 0.00	44.29 -1.18 0.00
INDECK___YERKES 23781	41.45 -2.23 0.00	38.80 -2.04 0.00	38.79 -2.30 0.00	38.80 -2.30 0.00	40.03 -2.33 0.00	44.60 -2.20 0.00	58.79 -3.23 0.00	58.83 -4.77 0.00	48.82 -3.56 0.00	39.90 -3.05 0.00	38.33 -2.75 0.00	35.45 -2.51 0.00	35.41 -2.26 0.00	35.11 -2.16 0.00	35.09 -2.24 0.00	37.97 -2.17 0.00	43.58 -3.23 0.00	55.95 -4.80 0.00	64.72 -5.09 0.00	59.02 -4.44 0.00	53.68 -3.55 0.00	49.20 -2.92 0.00	45.55 -1.95 0.00	44.74 -0.73 0.00
INDIAN POINT_GT_1 24139	46.21 2.53 0.00	43.21 2.37 0.00	43.39 2.30 0.00	43.41 2.30 0.00	44.77 2.41 0.00	49.37 2.57 0.00	65.67 3.66 0.00	67.41 3.82 0.00	55.63 3.25 0.00	45.82 2.88 0.00	43.75 2.67 0.00	40.39 2.43 0.00	40.01 2.34 0.00	39.58 2.31 0.00	39.61 2.28 0.00	42.66 2.53 0.00	49.76 2.95 0.00	64.46 3.71 0.00	73.86 4.05 0.00	67.01 3.55 0.00	60.32 3.09 0.00	55.03 2.92 0.00	49.92 2.42 0.00	47.43 1.96 0.00
INDIAN POINT_GT_2 23659	46.21 2.53 0.00	43.21 2.37 0.00	43.39 2.30 0.00	43.41 2.30 0.00	44.77 2.41 0.00	49.37 2.57 0.00	65.67 3.66 0.00	67.41 3.82 0.00	55.63 3.25 0.00	45.82 2.88 0.00	43.75 2.67 0.00	40.39 2.43 0.00	40.01 2.34 0.00	39.58 2.31 0.00	39.61 2.28 0.00	42.66 2.53 0.00	49.76 2.95 0.00	64.46 3.71 0.00	73.86 4.05 0.00	67.01 3.55 0.00	60.32 3.09 0.00	55.03 2.92 0.00	49.92 2.42 0.00	47.43 1.96 0.00
INDIAN POINT_GT_3 24019	46.21 2.53 0.00	43.21 2.37 0.00	43.39 2.30 0.00	43.41 2.30 0.00	44.77 2.41 0.00	49.37 2.57 0.00	65.67 3.66 0.00	67.41 3.82 0.00	55.63 3.25 0.00	45.82 2.88 0.00	43.75 2.67 0.00	40.39 2.43 0.00	40.01 2.34 0.00	39.58 2.31 0.00	39.61 2.28 0.00	42.66 2.53 0.00	49.76 2.95 0.00	64.46 3.71 0.00	73.86 4.05 0.00	67.01 3.55 0.00	60.32 3.09 0.00	55.03 2.92 0.00	49.92 2.42 0.00	47.43 1.96 0.00
INDIAN POINT___2 23530	46.25 2.58 0.00	43.25 2.41 0.00	43.43 2.34 0.00	43.45 2.34 0.00	44.77 2.41 0.00	49.41 2.62 0.00	65.73 3.72 0.00	67.54 3.94 0.00	55.78 3.40 0.00	46.08 3.13 0.00	43.88 2.79 0.00	40.54 2.58 0.00	40.12 2.45 0.00	39.73 2.46 0.00	39.72 2.39 0.00	42.66 2.53 0.00	49.85 3.04 0.00	64.46 3.71 0.00	73.93 4.12 0.00	67.07 3.62 0.00	60.38 3.15 0.00	55.08 2.97 0.00	49.97 2.47 0.00	47.47 2.00 0.00
INDIAN POINT___3 23531	46.04 2.36 0.00	43.04 2.21 0.00	43.18 2.10 0.00	43.20 2.10 0.00	44.60 2.24 0.00	49.13 2.34 0.00	65.36 3.35 0.00	67.10 3.50 0.00	55.37 2.99 0.00	45.61 2.66 0.00	43.55 2.46 0.00	40.24 2.28 0.00	39.82 2.15 0.00	39.43 2.16 0.00	39.46 2.13 0.00	42.50 2.37 0.00	49.57 2.76 0.00	64.15 3.40 0.00	73.44 3.63 0.00	66.63 3.17 0.00	60.04 2.80 0.00	54.72 2.61 0.00	49.68 2.18 0.00	47.20 1.73 0.00
INGHAM_C_115KV_TB7 356103	43.98 0.31 0.00	41.04 0.20 0.00	41.29 0.21 0.00	41.35 0.25 0.00	42.61 0.25 0.00	47.17 0.37 0.00	62.57 0.56 0.00	64.11 0.51 0.00	52.70 0.31 0.00	43.12 0.17 0.00	41.25 0.16 0.00	38.11 0.15 0.00	37.82 0.15 0.00	37.42 0.15 0.00	37.48 0.15 0.00	40.33 0.20 0.00	47.13 0.33 0.00	61.36 0.61 0.00	70.58 0.77 0.00	64.16 0.70 0.00	57.92 0.69 0.00	52.74 0.63 0.00	47.97 0.47 0.00	45.88 0.41 0.00
IP CORINTH___1 23988	47.65 3.97 0.00	44.76 3.92 0.00	44.91 3.82 0.00	45.01 3.91 0.00	46.34 3.98 0.00	51.38 4.59 0.00	68.46 6.45 0.00	70.02 6.42 0.00	57.04 4.66 0.00	46.60 3.65 0.00	44.41 3.33 0.00	40.54 2.58 0.00	40.16 2.49 0.00	39.66 2.39 0.00	39.83 2.50 0.00	43.22 3.09 0.00	50.97 4.17 0.00	65.92 5.16 0.00	75.75 5.93 0.00	68.54 5.08 0.00	61.93 4.69 0.00	56.34 4.22 0.00	51.11 3.61 0.00	49.07 3.59 0.00

IP___TICONDEROGA 23804	49.27 5.59 0.00	46.35 5.51 0.00	46.43 5.34 0.00	46.61 5.51 0.00	47.95 5.59 0.00	53.30 6.50 0.00	71.07 9.05 0.00	72.50 8.90 0.00	58.77 6.39 0.00	47.89 4.94 0.00	45.52 4.44 0.00	41.19 3.23 0.00	40.80 3.13 0.00	40.18 2.91 0.00	40.43 3.10 0.00	44.03 3.89 0.00	52.10 5.29 0.00	67.98 7.23 0.00	78.47 8.66 0.00	70.95 7.49 0.00	64.16 6.93 0.00	58.27 6.15 0.00	52.87 5.37 0.00	50.84 5.37 0.00
ISLIP_RES_REC 323679	47.47 3.80 0.00	44.35 3.51 0.00	44.33 3.24 0.00	44.48 3.37 0.00	45.87 3.51 0.00	50.82 4.02 0.00	66.60 4.59 0.00	68.24 4.64 0.00	57.30 4.92 0.00	47.37 4.42 0.00	44.90 3.82 0.00	41.53 3.57 0.00	40.84 3.17 0.00	40.21 2.94 0.00	40.47 3.14 0.00	43.96 3.81 -0.01	51.30 4.21 -0.28	65.31 4.56 0.00	75.96 6.14 0.00	68.22 4.76 0.00	61.30 4.06 0.00	56.92 4.79 -0.02	51.67 3.90 -0.27	48.57 3.09 0.00
JAMAICA__27_KV_LOAD 355505	46.65 2.97 0.00	43.57 2.74 0.00	43.67 2.59 0.00	43.70 2.59 0.00	45.07 2.71 0.00	49.79 2.99 0.00	66.29 4.28 0.00	68.18 4.58 0.00	56.31 3.93 0.00	46.68 3.74 0.00	44.61 3.53 0.00	41.19 3.23 0.00	40.73 3.05 0.00	40.33 3.06 0.00	40.32 2.99 0.00	43.42 3.29 0.00	50.55 3.74 0.00	65.31 4.56 0.00	74.70 4.89 0.00	67.77 4.32 0.00	61.01 3.78 0.00	55.56 3.44 0.00	50.40 2.90 0.00	47.75 2.27 0.00
JANIS___SOLAR 323808	45.34 1.66 0.00	42.18 1.35 0.00	42.36 1.28 0.00	42.46 1.35 0.00	43.80 1.44 0.00	48.99 2.20 0.00	65.30 3.28 0.00	66.46 2.86 0.00	54.16 1.78 0.00	43.81 0.86 0.00	41.70 0.62 0.00	38.45 0.49 0.00	38.31 0.64 0.00	37.83 0.56 0.00	38.04 0.71 0.00	41.14 1.00 0.00	48.30 1.50 0.00	63.12 2.37 0.00	73.51 3.70 0.00	66.88 3.42 0.00	60.38 3.15 0.00	54.88 2.76 0.00	49.87 2.37 0.00	47.93 2.45 0.00
JARVIS____ 23743	44.16 0.48 0.00	41.25 0.41 0.00	41.50 0.41 0.00	41.52 0.41 0.00	42.78 0.42 0.00	47.26 0.47 0.00	62.63 0.62 0.00	64.23 0.64 0.00	52.91 0.52 0.00	43.38 0.43 0.00	41.45 0.37 0.00	38.30 0.34 0.00	38.01 0.34 0.00	37.61 0.33 0.00	37.67 0.34 0.00	40.49 0.36 0.00	47.28 0.47 0.00	61.42 0.67 0.00	70.58 0.77 0.00	64.09 0.63 0.00	57.80 0.57 0.00	52.69 0.57 0.00	47.97 0.47 0.00	45.93 0.45 0.00
JENNISON___1 23625	45.77 2.10 0.00	42.55 1.72 0.00	42.73 1.64 0.00	42.87 1.77 0.00	44.22 1.86 0.00	49.41 2.62 0.00	65.86 3.84 0.00	67.16 3.56 0.00	55.05 2.67 0.00	44.58 1.63 0.00	42.48 1.40 0.00	39.14 1.18 0.00	39.03 1.36 0.00	38.54 1.27 0.00	38.71 1.38 0.00	41.82 1.69 0.00	48.96 2.15 0.00	63.85 3.10 0.00	74.21 4.40 0.00	67.46 4.00 0.00	60.78 3.55 0.00	55.29 3.18 0.00	50.30 2.80 0.00	48.29 2.82 0.00
JENNISON___2 23626	45.77 2.10 0.00	42.55 1.72 0.00	42.73 1.64 0.00	42.87 1.77 0.00	44.22 1.86 0.00	49.41 2.62 0.00	65.86 3.84 0.00	67.16 3.56 0.00	55.05 2.67 0.00	44.58 1.63 0.00	42.48 1.40 0.00	39.14 1.18 0.00	39.03 1.36 0.00	38.54 1.27 0.00	38.71 1.38 0.00	41.82 1.69 0.00	48.96 2.15 0.00	63.85 3.10 0.00	74.21 4.40 0.00	67.46 4.00 0.00	60.78 3.55 0.00	55.29 3.18 0.00	50.30 2.80 0.00	48.29 2.82 0.00
JERICHO_RISE_WT_PWR 323719	42.00 -1.66 0.01	39.16 -1.68 0.00	39.48 -1.60 0.00	39.54 -1.56 0.00	40.83 -1.52 0.00	44.97 -1.83 0.00	59.66 -2.36 0.00	61.37 -2.23 0.00	50.39 -1.99 0.00	41.10 -1.85 0.00	39.27 -1.81 0.00	36.33 -1.63 0.00	35.98 -1.69 0.00	35.56 -1.71 0.00	35.69 -1.64 0.00	38.37 -1.76 0.00	44.98 -1.83 0.00	58.93 -1.82 0.00	67.86 -1.95 0.00	61.94 -1.52 0.00	55.63 -1.60 0.00	50.34 -1.77 0.00	45.98 -1.52 0.00	43.97 -1.50 0.00
KATONAH__115KV_46KV_TB4 355592	46.47 2.80 0.00	43.49 2.65 0.00	43.67 2.59 0.00	43.70 2.59 0.00	45.11 2.75 0.00	49.79 2.99 0.00	66.29 4.28 0.00	67.92 4.32 0.00	56.05 3.67 0.00	46.04 3.09 0.00	43.96 2.88 0.00	40.54 2.58 0.00	40.20 2.52 0.00	39.77 2.50 0.00	39.76 2.43 0.00	42.86 2.73 0.00	50.04 3.23 0.00	64.88 4.13 0.00	74.35 4.54 0.00	67.46 4.00 0.00	60.78 3.55 0.00	55.40 3.28 0.00	50.25 2.75 0.00	47.75 2.27 0.00
KCE_NY_1 323755	46.78 3.10 0.00	43.86 3.02 0.00	44.08 3.00 0.00	44.15 3.04 0.00	45.49 3.13 0.00	50.26 3.46 0.00	66.79 4.78 0.00	68.30 4.71 0.00	55.95 3.56 0.00	45.78 2.83 0.00	43.63 2.55 0.00	40.01 2.05 0.00	39.67 2.00 0.00	39.21 1.94 0.00	39.35 2.01 0.00	42.46 2.33 0.00	49.94 3.14 0.00	64.70 3.95 0.00	74.21 4.40 0.00	67.27 3.81 0.00	60.72 3.49 0.00	55.30 3.18 0.00	50.30 2.80 0.00	48.25 2.77 0.00
KCE_NY_6_ESR 323823	42.02 -1.66 0.00	39.33 -1.51 0.00	39.36 -1.72 0.00	39.34 -1.77 0.00	40.58 -1.78 0.00	45.20 -1.59 0.00	59.72 -2.29 0.00	59.66 -3.94 0.00	49.50 -2.88 0.00	40.46 -2.49 0.00	38.82 -2.26 0.00	35.91 -2.05 0.00	35.87 -1.81 0.00	35.52 -1.75 0.00	35.54 -1.79 0.00	38.45 -1.68 0.00	44.14 -2.67 0.00	56.74 -4.01 0.00	65.69 -4.12 0.00	59.97 -3.49 0.00	54.54 -2.69 0.00	49.98 -2.14 0.00	46.26 -1.24 0.00	45.43 -0.05 0.00
KEDC_PORT_JEFF_GT2 24210	47.26 3.58 0.00	44.11 3.27 0.00	44.13 3.04 0.00	44.27 3.17 0.00	45.66 3.31 0.00	50.54 3.74 0.00	66.17 4.16 0.00	67.79 4.20 0.00	56.99 4.61 0.00	47.11 4.16 0.00	44.70 3.62 0.00	41.34 3.38 0.00	40.69 3.02 0.00	40.07 2.80 0.00	40.32 2.99 0.00	43.75 3.61 -0.01	51.05 3.98 -0.26	64.94 4.19 0.00	75.46 5.65 0.00	67.78 4.32 0.00	60.90 3.67 0.00	56.56 4.43 -0.02	51.42 3.66 -0.26	48.34 2.87 0.00
KEDC_PORT_JEFF_GT3 24211	47.26 3.58 0.00	44.11 3.27 0.00	44.13 3.04 0.00	44.27 3.17 0.00	45.66 3.31 0.00	50.54 3.74 0.00	66.17 4.16 0.00	67.79 4.20 0.00	56.99 4.61 0.00	47.11 4.16 0.00	44.70 3.62 0.00	41.34 3.38 0.00	40.69 3.02 0.00	40.07 2.80 0.00	40.32 2.99 0.00	43.75 3.61 -0.01	51.05 3.98 -0.26	64.94 4.19 0.00	75.46 5.65 0.00	67.78 4.32 0.00	60.90 3.67 0.00	56.56 4.43 -0.02	51.42 3.66 -0.26	48.34 2.87 0.00
KEDC_GLWD_GT4 24219	46.99 3.32 0.00	43.90 3.06 0.00	43.96 2.87 0.00	44.07 2.96 0.00	45.45 3.09 0.00	50.31 3.51 0.00	66.42 4.40 0.00	68.11 4.52 0.00	56.73 4.35 0.00	46.77 3.82 0.00	44.53 3.45 0.00	41.15 3.19 0.00	40.61 2.94 0.00	40.14 2.87 0.00	40.28 2.95 0.00	43.51 3.37 -0.01	51.76 3.98 -0.98	65.25 4.50 0.00	75.19 5.38 0.00	67.97 4.51 0.00	61.13 3.89 0.00	56.17 4.01 -0.04	51.81 3.37 -0.94	48.20 2.73 0.00
KEDC_GLWD_GT5 24220	46.99 3.32 0.00	43.90 3.06 0.00	43.96 2.87 0.00	44.07 2.96 0.00	45.45 3.09 0.00	50.31 3.51 0.00	66.42 4.40 0.00	68.11 4.52 0.00	56.73 4.35 0.00	46.77 3.82 0.00	44.53 3.45 0.00	41.15 3.19 0.00	40.61 2.94 0.00	40.14 2.87 0.00	40.28 2.95 0.00	43.51 3.37 -0.01	51.76 3.98 -0.98	65.25 4.50 0.00	75.19 5.38 0.00	67.97 4.51 0.00	61.13 3.89 0.00	56.17 4.01 -0.04	51.81 3.37 -0.94	48.20 2.73 0.00

KENSICO____ 23655	46.25 2.58 0.00	43.25 2.41 0.00	43.43 2.34 0.00	43.41 2.30 0.00	44.81 2.46 0.00	49.41 2.62 0.00	65.73 3.72 0.00	67.48 3.88 0.00	55.73 3.35 0.00	45.91 2.96 0.00	43.83 2.75 0.00	40.50 2.54 0.00	40.09 2.41 0.00	39.69 2.42 0.00	39.68 2.35 0.00	42.78 2.65 0.00	49.85 3.04 0.00	64.52 3.77 0.00	73.86 4.05 0.00	67.01 3.55 0.00	60.38 3.15 0.00	55.03 2.92 0.00	49.97 2.47 0.00	47.43 1.96 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	46.17 2.49 0.00	43.16 2.33 0.00	43.34 2.26 0.00	43.33 2.22 0.00	44.68 2.33 0.00	49.32 2.53 0.00	65.73 3.72 0.00	67.35 3.75 0.00	55.32 2.93 0.00	45.40 2.45 0.00	43.22 2.14 0.00	39.93 1.97 0.00	39.60 1.92 0.00	39.17 1.90 0.00	39.24 1.90 0.00	42.26 2.13 0.00	49.47 2.67 0.00	64.28 3.52 0.00	73.79 3.98 0.00	67.01 3.55 0.00	60.38 3.15 0.00	54.98 2.87 0.00	49.92 2.42 0.00	47.52 2.05 0.00
KIAC_JFK_GT1 23816	46.38 2.71 0.00	43.37 2.53 0.00	43.47 2.38 0.00	43.49 2.38 0.00	44.85 2.50 0.00	49.51 2.71 0.00	65.67 3.66 0.00	67.54 3.94 0.00	55.79 3.40 0.00	46.43 3.48 0.00	44.37 3.29 0.00	41.00 3.04 0.00	40.54 2.86 0.00	40.14 2.87 0.00	40.13 2.80 0.00	43.22 3.09 0.00	50.27 3.46 0.00	64.70 3.95 0.00	74.00 4.19 0.00	67.14 3.68 0.00	60.44 3.21 0.00	55.03 2.92 0.00	50.16 2.66 0.00	47.52 2.05 0.00
KIAC_JFK_GT2 23817	46.38 2.71 0.00	43.37 2.53 0.00	43.47 2.38 0.00	43.49 2.38 0.00	44.85 2.50 0.00	49.51 2.71 0.00	65.67 3.66 0.00	67.54 3.94 0.00	55.79 3.40 0.00	46.43 3.48 0.00	44.37 3.29 0.00	41.00 3.04 0.00	40.54 2.86 0.00	40.14 2.87 0.00	40.13 2.80 0.00	43.22 3.09 0.00	50.27 3.46 0.00	64.70 3.95 0.00	74.00 4.19 0.00	67.14 3.68 0.00	60.44 3.21 0.00	55.03 2.92 0.00	50.16 2.66 0.00	47.52 2.05 0.00
KIAC_JFK____ 323774	46.39 2.71 0.00	43.37 2.53 0.00	43.47 2.38 0.00	43.45 2.34 0.00	44.81 2.46 0.00	49.51 2.71 0.00	65.67 3.66 0.00	67.61 4.01 0.00	55.84 3.46 0.00	46.56 3.61 0.00	44.37 3.29 0.00	40.96 3.00 0.00	40.54 2.86 0.00	40.14 2.87 0.00	40.13 2.80 0.00	43.02 2.89 0.00	50.27 3.46 0.00	64.58 3.83 0.00	74.00 4.19 0.00	67.14 3.68 0.00	60.44 3.20 0.00	55.03 2.92 0.00	50.16 2.66 0.00	47.52 2.05 0.00
KINTIGH____ 23543	41.06 -2.62 0.00	38.39 -2.45 0.00	38.46 -2.63 0.00	38.47 -2.63 0.00	39.64 -2.71 0.00	44.17 -2.62 0.00	58.17 -3.84 0.00	58.64 -4.96 0.00	48.66 -3.72 0.00	39.81 -3.14 0.00	38.25 -2.83 0.00	35.30 -2.66 0.00	35.34 -2.34 0.00	34.96 -2.31 0.00	34.98 -2.35 0.00	37.69 -2.45 0.00	43.39 -3.42 0.00	55.53 -5.22 0.00	64.44 -5.38 0.00	58.70 -4.76 0.00	53.28 -3.95 0.00	48.78 -3.34 0.00	44.98 -2.52 0.00	44.02 -1.46 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	41.52 -2.14 0.01	38.71 -2.12 0.00	39.03 -2.05 0.00	39.13 -1.97 0.00	40.45 -1.91 0.00	44.55 -2.25 0.00	59.41 -2.60 0.00	61.05 -2.54 0.00	50.08 -2.30 0.00	40.71 -2.23 0.00	38.86 -2.22 0.00	36.02 -1.94 0.00	35.64 -2.03 0.00	35.18 -2.09 0.00	35.35 -1.98 0.00	38.05 -2.09 0.00	44.65 -2.15 0.00	58.75 -2.00 0.00	67.79 -2.02 0.00	62.06 -1.40 0.00	55.69 -1.55 0.00	50.19 -1.93 0.00	45.84 -1.66 0.00	43.74 -1.73 0.00
LACHUTE__HYDRO 323717	49.27 5.59 0.00	46.35 5.51 0.00	46.42 5.34 0.00	46.62 5.51 0.00	47.99 5.63 0.00	53.30 6.50 0.00	71.07 9.05 0.00	72.57 8.97 0.00	58.82 6.44 0.00	47.97 5.02 0.00	45.52 4.44 0.00	41.19 3.22 0.00	40.80 3.13 0.00	40.18 2.91 0.00	40.43 3.10 0.00	43.90 3.77 0.00	52.09 5.29 0.00	67.98 7.23 0.00	78.47 8.65 0.00	70.94 7.48 0.00	64.15 6.92 0.00	58.26 6.15 0.00	52.86 5.37 0.00	50.84 5.36 0.00
LAWRNCV_115KV_TB1 80681	46.94 3.23 -0.03	43.33 2.49 0.00	43.63 2.55 0.00	43.82 2.71 0.00	45.28 2.92 0.00	49.55 2.76 0.00	65.30 3.29 0.00	66.52 2.93 0.00	53.90 1.52 0.00	43.29 0.34 0.00	41.16 0.08 0.00	37.89 -0.08 0.00	37.64 -0.04 0.00	37.16 -0.11 0.00	37.41 0.07 0.00	40.37 0.24 0.00	47.60 0.80 0.00	62.76 2.00 0.00	68.97 -0.84 0.00	62.95 -0.51 0.00	56.66 -0.57 0.00	51.49 -0.63 0.00	47.31 -0.19 0.00	45.15 -0.32 0.00
LEDERLE____ 23769	46.08 2.40 0.00	43.08 2.25 0.00	43.26 2.18 0.00	43.24 2.14 0.00	44.64 2.29 0.00	49.23 2.43 0.00	65.49 3.47 0.00	67.22 3.63 0.00	55.47 3.09 0.00	45.65 2.71 0.00	43.55 2.46 0.00	40.24 2.28 0.00	39.86 2.19 0.00	39.43 2.16 0.00	39.46 2.13 0.00	42.50 2.37 0.00	49.62 2.81 0.00	64.28 3.52 0.00	73.58 3.77 0.00	66.82 3.36 0.00	60.21 2.98 0.00	54.83 2.71 0.00	49.78 2.28 0.00	47.29 1.82 0.00
LIGHTHSE_115KV_TB6 355974	43.90 0.22 0.00	40.88 0.04 0.00	41.09 0.00 0.00	41.15 0.04 0.00	42.36 0.00 0.00	47.22 0.42 0.00	62.76 0.74 0.00	64.04 0.45 0.00	52.43 0.05 0.00	42.65 -0.30 0.00	40.79 -0.29 0.00	37.62 -0.34 0.00	37.45 -0.23 0.00	37.01 -0.26 0.00	37.07 -0.26 0.00	39.89 -0.24 0.00	46.62 -0.19 0.00	59.72 -1.03 0.00	68.90 -0.91 0.00	62.76 -0.70 0.00	56.66 -0.57 0.00	51.65 -0.47 0.00	47.12 -0.38 0.00	45.20 -0.27 0.00
LINDEN COGEN____ 23786	46.21 2.53 0.00	43.16 2.33 0.00	43.30 2.22 0.00	43.32 2.22 0.00	44.68 2.33 0.00	49.27 2.48 0.00	65.61 3.60 0.00	67.54 3.94 0.00	52.81 3.36 2.93	46.17 3.22 0.00	44.00 2.92 0.00	40.62 2.66 0.00	40.24 2.56 0.00	39.81 2.54 0.00	39.80 2.46 0.00	42.66 2.53 0.00	49.81 3.00 0.00	57.89 3.64 6.51	64.20 3.91 9.52	61.91 3.42 4.97	56.52 2.97 3.68	54.98 2.86 0.00	49.78 2.28 0.00	47.29 1.82 0.00
LINDHRST_69_KV_BK1 356055	47.43 3.76 0.00	44.39 3.55 0.00	44.41 3.33 0.00	44.43 3.33 0.00	46.04 3.68 0.00	50.82 4.02 0.00	66.91 4.90 0.00	68.69 5.09 0.00	57.15 4.77 0.00	47.07 4.12 0.00	44.86 3.78 0.00	41.53 3.57 0.00	40.80 3.13 0.00	40.40 3.13 0.00	40.51 3.17 0.00	43.99 3.85 0.00	51.53 4.21 -0.51	66.10 5.35 0.00	75.96 6.14 0.00	68.41 4.95 0.00	61.41 4.18 0.00	56.77 4.64 -0.02	51.74 3.75 -0.49	48.56 3.09 0.00
LIPA_MISC_IPP 23656	47.00 3.32 0.00	43.98 3.14 0.00	43.96 2.88 0.00	44.02 2.92 0.00	45.66 3.30 0.00	50.16 3.37 0.00	65.67 3.66 0.00	67.67 4.07 0.00	56.57 4.19 0.00	46.86 3.91 0.00	44.53 3.45 0.00	41.26 3.30 0.00	40.50 2.83 0.00	39.95 2.68 0.00	40.09 2.76 0.00	43.62 3.49 0.00	50.74 3.70 -0.24	65.19 4.43 0.00	74.91 5.10 0.00	67.20 3.74 0.00	60.27 3.03 0.00	56.08 3.96 -0.01	51.20 3.47 -0.23	47.93 2.46 0.00
LISF__SOLAR 323691	47.09 3.41 0.00	43.94 3.10 0.00	43.96 2.87 0.00	44.10 3.00 0.00	45.41 3.05 0.00	50.26 3.46 0.00	65.73 3.72 0.00	67.41 3.82 0.00	56.73 4.35 0.00	46.98 4.04 0.00	44.53 3.45 0.00	41.19 3.22 0.00	40.50 2.83 0.00	39.84 2.57 0.00	40.09 2.76 0.00	43.51 3.37 -0.01	50.80 3.75 -0.25	64.40 3.64 0.00	75.05 5.24 0.00	67.27 3.81 0.00	60.44 3.20 0.00	56.30 4.17 -0.02	51.31 3.56 -0.24	48.06 2.59 0.00

LITTLE FALLS___HYD 24013	43.98 0.31 0.00	41.04 0.20 0.00	41.29 0.21 0.00	41.35 0.25 0.00	42.61 0.25 0.00	47.17 0.37 0.00	62.57 0.56 0.00	64.11 0.51 0.00	52.70 0.31 0.00	43.12 0.17 0.00	41.25 0.16 0.00	38.11 0.15 0.00	37.82 0.15 0.00	37.42 0.15 0.00	37.48 0.15 0.00	40.33 0.20 0.00	47.13 0.33 0.00	61.36 0.61 0.00	70.58 0.77 0.00	64.16 0.70 0.00	57.92 0.69 0.00	52.74 0.63 0.00	47.97 0.47 0.00	45.88 0.41 0.00
LITTLRIV_115KV_TB1 356100	47.55 3.84 -0.03	43.82 2.98 0.00	44.08 3.00 0.00	44.31 3.21 0.00	45.79 3.43 0.00	50.30 3.51 0.00	66.35 4.34 0.00	67.41 3.82 0.00	54.37 1.99 0.00	43.46 0.52 0.00	41.29 0.21 0.00	38.00 0.04 0.00	37.71 0.04 0.00	37.23 -0.04 0.00	37.52 0.19 0.00	40.53 0.40 0.00	47.98 1.17 0.00	63.43 2.67 0.00	69.95 0.14 0.00	63.90 0.44 0.00	57.52 0.29 0.00	52.22 0.10 0.00	47.93 0.43 0.00	45.75 0.27 0.00
LI_NEWBRDGE___DRP 323616	46.60 2.93 0.00	43.61 2.78 0.00	43.67 2.59 0.00	43.70 2.59 0.00	45.19 2.84 0.00	49.84 3.04 0.00	65.86 3.84 0.00	67.61 4.01 0.00	56.21 3.82 0.00	46.30 3.35 0.00	44.16 3.08 0.00	40.88 2.92 0.00	40.27 2.60 0.00	39.84 2.57 0.00	39.91 2.58 0.00	43.22 3.09 0.00	50.43 3.56 -0.06	64.94 4.19 0.00	74.49 4.68 0.00	67.27 3.81 0.00	60.44 3.21 0.00	55.61 3.49 0.00	50.55 2.99 -0.06	47.75 2.27 0.00
LOCKPORT_115KV_TB60_63_64 80432	40.93 -2.75 0.00	38.22 -2.61 0.00	38.29 -2.79 0.00	38.31 -2.80 0.00	39.48 -2.88 0.00	44.03 -2.76 0.00	58.04 -3.97 0.00	58.07 -5.53 0.00	48.19 -4.19 0.00	39.38 -3.56 0.00	37.84 -3.25 0.00	34.89 -3.07 0.00	34.96 -2.71 0.00	34.62 -2.65 0.00	34.64 -2.69 0.00	37.36 -2.77 0.00	42.92 -3.88 0.00	54.80 -5.95 0.00	63.81 -6.00 0.00	58.26 -5.20 0.00	53.00 -4.24 0.00	48.57 -3.54 0.00	44.98 -2.52 0.00	44.25 -1.23 0.00
LOCKPORT___CC1 323769	40.93 -2.75 0.00	38.27 -2.57 0.00	38.29 -2.80 0.00	38.31 -2.80 0.00	39.52 -2.84 0.00	44.03 -2.76 0.00	58.04 -3.97 0.00	58.06 -5.53 0.00	48.14 -4.24 0.00	39.38 -3.56 0.00	37.83 -3.25 0.00	35.00 -2.96 0.00	34.93 -2.75 0.00	34.63 -2.65 0.00	34.64 -2.69 0.00	37.44 -2.69 0.00	43.02 -3.79 0.00	55.16 -5.59 0.00	63.81 -6.00 0.00	58.19 -5.27 0.00	52.94 -4.29 0.00	48.57 -3.55 0.00	44.93 -2.57 0.00	44.11 -1.36 0.00
LOCKPORT___CC2 323770	40.93 -2.75 0.00	38.27 -2.57 0.00	38.29 -2.80 0.00	38.31 -2.80 0.00	39.52 -2.84 0.00	44.03 -2.76 0.00	58.04 -3.97 0.00	58.06 -5.53 0.00	48.14 -4.24 0.00	39.38 -3.56 0.00	37.83 -3.25 0.00	35.00 -2.96 0.00	34.93 -2.75 0.00	34.63 -2.65 0.00	34.64 -2.69 0.00	37.44 -2.69 0.00	43.02 -3.79 0.00	55.16 -5.59 0.00	63.81 -6.00 0.00	58.19 -5.27 0.00	52.94 -4.29 0.00	48.57 -3.55 0.00	44.93 -2.57 0.00	44.11 -1.36 0.00
LOCKPORT___CC3 323771	40.93 -2.75 0.00	38.27 -2.57 0.00	38.29 -2.80 0.00	38.31 -2.80 0.00	39.52 -2.84 0.00	44.03 -2.76 0.00	58.04 -3.97 0.00	58.06 -5.53 0.00	48.14 -4.24 0.00	39.38 -3.56 0.00	37.83 -3.25 0.00	35.00 -2.96 0.00	34.93 -2.75 0.00	34.63 -2.65 0.00	34.64 -2.69 0.00	37.44 -2.69 0.00	43.02 -3.79 0.00	55.16 -5.59 0.00	63.81 -6.00 0.00	58.19 -5.27 0.00	52.94 -4.29 0.00	48.57 -3.55 0.00	44.93 -2.57 0.00	44.11 -1.36 0.00
LONG_LAKE_PHOENIX 24014	43.50 -0.17 0.00	40.67 -0.16 0.00	40.88 -0.21 0.00	40.86 -0.25 0.00	42.06 -0.30 0.00	46.79 0.00 0.00	62.26 0.25 0.00	63.60 0.00 0.00	52.22 -0.16 0.00	42.69 -0.26 0.00	40.88 -0.21 0.00	37.77 -0.19 0.00	37.56 -0.11 0.00	37.12 -0.15 0.00	37.15 -0.19 0.00	39.97 -0.16 0.00	46.62 -0.19 0.00	58.87 -1.88 0.00	67.86 -1.95 0.00	61.75 -1.71 0.00	55.74 -1.49 0.00	50.76 -1.36 0.00	46.26 -1.23 0.00	44.43 -1.05 0.00
LOVETT___3 23632	45.95 2.27 0.00	42.96 2.12 0.00	43.14 2.05 0.00	43.12 2.01 0.00	44.52 2.16 0.00	49.04 2.25 0.00	65.24 3.22 0.00	66.97 3.37 0.00	55.26 2.88 0.00	45.52 2.58 0.00	43.46 2.38 0.00	40.16 2.20 0.00	39.75 2.07 0.00	39.36 2.09 0.00	39.35 2.02 0.00	42.42 2.29 0.00	49.47 2.67 0.00	64.03 3.28 0.00	73.30 3.49 0.00	66.57 3.11 0.00	59.92 2.69 0.00	54.62 2.50 0.00	49.59 2.09 0.00	47.11 1.64 0.00
LOVETT___4 23642	45.95 2.27 0.00	42.96 2.12 0.00	43.14 2.05 0.00	43.12 2.01 0.00	44.52 2.16 0.00	49.04 2.25 0.00	65.24 3.22 0.00	66.97 3.37 0.00	55.26 2.88 0.00	45.52 2.58 0.00	43.46 2.38 0.00	40.16 2.20 0.00	39.75 2.07 0.00	39.36 2.09 0.00	39.35 2.02 0.00	42.42 2.29 0.00	49.47 2.67 0.00	64.03 3.28 0.00	73.30 3.49 0.00	66.57 3.11 0.00	59.92 2.69 0.00	54.62 2.50 0.00	49.59 2.09 0.00	47.11 1.64 0.00
LOVETT___5 23593	45.95 2.27 0.00	42.96 2.12 0.00	43.14 2.05 0.00	43.12 2.01 0.00	44.52 2.16 0.00	49.04 2.25 0.00	65.24 3.22 0.00	66.97 3.37 0.00	55.26 2.88 0.00	45.52 2.58 0.00	43.46 2.38 0.00	40.16 2.20 0.00	39.75 2.07 0.00	39.36 2.09 0.00	39.35 2.02 0.00	42.42 2.29 0.00	49.47 2.67 0.00	64.03 3.28 0.00	73.30 3.49 0.00	66.57 3.11 0.00	59.92 2.69 0.00	54.62 2.50 0.00	49.59 2.09 0.00	47.11 1.64 0.00
LOWER RAQUET___HYD 24057	46.68 2.97 -0.03	43.12 2.29 0.00	43.38 2.30 0.00	43.57 2.47 0.00	45.03 2.67 0.00	49.27 2.48 0.00	64.93 2.92 0.00	66.14 2.55 0.00	53.59 1.21 0.00	42.99 0.04 0.00	40.92 -0.16 0.00	37.70 -0.26 0.00	37.41 -0.26 0.00	36.93 -0.34 0.00	37.18 -0.15 0.00	40.13 0.00 0.00	47.32 0.52 0.00	62.39 1.64 0.00	68.77 -1.05 0.00	62.76 -0.70 0.00	56.49 -0.75 0.00	51.39 -0.73 0.00	47.26 -0.24 0.00	45.06 -0.41 0.00
LOWER___HUDSON 24059	46.03 2.36 0.00	43.08 2.24 0.00	43.30 2.22 0.00	43.32 2.22 0.00	44.64 2.29 0.00	49.27 2.48 0.00	65.30 3.28 0.00	66.90 3.31 0.00	55.05 2.67 0.00	45.18 2.23 0.00	43.09 2.01 0.00	39.63 1.67 0.00	39.29 1.62 0.00	38.87 1.60 0.00	38.97 1.64 0.00	41.94 1.81 0.00	49.15 2.34 0.00	63.73 2.98 0.00	72.96 3.14 0.00	66.19 2.73 0.00	59.75 2.52 0.00	54.46 2.35 0.00	49.59 2.09 0.00	47.52 2.05 0.00
LOWVILLE_115KV_TB2 356335	45.35 1.66 -0.01	42.02 1.18 0.00	42.24 1.15 0.00	42.42 1.32 0.00	43.75 1.40 0.00	48.62 1.82 0.00	64.56 2.54 0.00	65.89 2.29 0.00	53.69 1.31 0.00	43.33 0.39 0.00	41.29 0.21 0.00	38.04 0.08 0.00	37.82 0.15 0.00	37.38 0.11 0.00	37.56 0.22 0.00	40.49 0.36 0.00	47.51 0.70 0.00	62.15 1.40 0.00	71.35 1.54 0.00	64.92 1.46 0.00	58.49 1.26 0.00	53.21 1.09 0.00	48.50 1.00 0.00	46.34 0.86 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	46.78 3.10 0.00	43.86 3.02 0.00	44.04 2.96 0.00	44.11 3.00 0.00	45.45 3.09 0.00	50.26 3.46 0.00	66.73 4.71 0.00	68.24 4.64 0.00	55.89 3.51 0.00	45.70 2.75 0.00	43.59 2.51 0.00	40.01 2.05 0.00	39.67 2.00 0.00	39.21 1.94 0.00	39.31 1.98 0.00	42.54 2.41 0.00	49.99 3.18 0.00	64.64 3.89 0.00	74.14 4.33 0.00	67.20 3.74 0.00	60.72 3.49 0.00	55.24 3.13 0.00	50.25 2.75 0.00	48.20 2.73 0.00

LUTHERNY_35_KV_BK2 355980	46.78 3.10 0.00	43.86 3.02 0.00	44.08 3.00 0.00	44.15 3.04 0.00	45.45 3.09 0.00	50.26 3.46 0.00	66.79 4.78 0.00	68.30 4.71 0.00	55.89 3.51 0.00	45.74 2.79 0.00	43.63 2.55 0.00	40.01 2.05 0.00	39.67 2.00 0.00	39.21 1.94 0.00	39.35 2.02 0.00	42.54 2.41 0.00	49.99 3.18 0.00	64.70 3.95 0.00	74.21 4.40 0.00	67.27 3.81 0.00	60.72 3.49 0.00	55.29 3.18 0.00	50.30 2.80 0.00	48.25 2.77 0.00
LWR___OSWEGATCHIE_HYD 23850	45.97 2.27 -0.02	42.51 1.67 0.00	42.73 1.64 0.00	42.91 1.81 0.00	44.30 1.95 0.00	48.85 2.06 0.00	64.62 2.60 0.00	65.95 2.35 0.00	53.53 1.15 0.00	43.03 0.09 0.00	40.96 -0.12 0.00	37.73 -0.23 0.00	37.52 -0.15 0.00	37.01 -0.26 0.00	37.26 -0.07 0.00	40.17 0.04 0.00	47.28 0.47 0.00	62.03 1.28 0.00	69.81 0.00 0.00	63.65 0.19 0.00	57.29 0.06 0.00	52.12 0.00 0.00	47.74 0.24 0.00	45.56 0.09 0.00
LYONS_FALL_HYD 23570	45.21 1.53 -0.01	41.98 1.14 0.00	42.19 1.11 0.00	42.34 1.23 0.00	43.67 1.31 0.00	48.53 1.73 0.00	64.43 2.42 0.00	65.82 2.22 0.00	53.80 1.41 0.00	43.59 0.65 0.00	41.61 0.53 0.00	38.30 0.34 0.00	38.13 0.45 0.00	37.68 0.41 0.00	37.82 0.48 0.00	40.77 0.64 0.00	47.79 0.98 0.00	62.39 1.64 0.00	71.70 1.89 0.00	65.23 1.77 0.00	58.78 1.55 0.00	53.47 1.35 0.00	48.69 1.19 0.00	46.52 1.05 0.00
MADISON___COUNTY_LFGE 323628	45.03 1.35 0.00	41.94 1.10 0.00	42.15 1.07 0.00	42.26 1.15 0.00	43.54 1.19 0.00	48.43 1.64 0.00	64.31 2.29 0.00	65.76 2.16 0.00	53.95 1.57 0.00	43.89 0.94 0.00	41.94 0.86 0.00	38.64 0.68 0.00	38.47 0.79 0.00	38.05 0.78 0.00	38.19 0.86 0.00	41.10 0.96 0.00	48.07 1.26 0.00	62.57 1.82 0.00	72.26 2.44 0.00	65.68 2.22 0.00	59.24 2.00 0.00	53.89 1.77 0.00	49.02 1.52 0.00	46.93 1.46 0.00
MALONE___115KV_TB1 356076	43.65 -0.09 -0.06	40.51 -0.33 0.00	40.84 -0.25 0.00	40.94 -0.16 0.00	42.31 -0.04 0.00	46.51 -0.28 0.00	61.77 -0.25 0.00	63.34 -0.25 0.00	51.86 -0.52 0.00	42.05 -0.90 0.00	40.05 -1.03 0.00	37.09 -0.87 0.00	36.73 -0.94 0.00	36.26 -1.01 0.00	36.44 -0.90 0.00	39.25 -0.88 0.00	46.06 -0.75 0.00	60.57 -0.18 0.00	68.97 -0.84 0.00	63.01 -0.44 0.00	56.66 -0.57 0.00	51.23 -0.89 0.00	46.93 -0.57 0.00	44.75 -0.73 0.00
MAPLEWOD_115KV_TB3 80458	45.90 2.23 0.00	43.00 2.16 0.00	43.22 2.14 0.00	43.24 2.14 0.00	44.56 2.20 0.00	49.18 2.39 0.00	65.11 3.10 0.00	66.71 3.12 0.00	54.90 2.51 0.00	45.05 2.10 0.00	43.09 2.01 0.00	39.63 1.67 0.00	39.26 1.58 0.00	38.87 1.60 0.00	38.94 1.61 0.00	41.98 1.85 0.00	49.05 2.25 0.00	63.79 3.04 0.00	72.95 3.14 0.00	66.19 2.73 0.00	59.75 2.52 0.00	54.46 2.35 0.00	49.54 2.04 0.00	47.47 2.00 0.00
MAPLE_RIDGE_WT_1 323574	42.50 -1.18 0.00	39.69 -1.14 0.00	39.93 -1.15 0.00	39.95 -1.15 0.00	41.21 -1.14 0.00	45.48 -1.31 0.00	60.28 -1.74 0.00	61.88 -1.71 0.00	50.92 -1.47 0.00	41.70 -1.25 0.00	39.85 -1.23 0.00	36.86 -1.10 0.00	36.54 -1.13 0.00	36.15 -1.12 0.00	36.25 -1.08 0.00	38.97 -1.17 0.00	45.50 -1.31 0.00	59.24 -1.52 0.00	68.07 -1.74 0.00	61.94 -1.52 0.00	55.80 -1.43 0.00	50.76 -1.36 0.00	46.31 -1.19 0.00	44.29 -1.18 0.00
MAPLE_RIDGE_WT_2 323611	42.50 -1.18 0.00	39.69 -1.14 0.00	39.93 -1.15 0.00	39.95 -1.15 0.00	41.21 -1.14 0.00	45.48 -1.31 0.00	60.28 -1.74 0.00	61.88 -1.71 0.00	50.92 -1.47 0.00	41.70 -1.25 0.00	39.85 -1.23 0.00	36.86 -1.10 0.00	36.54 -1.13 0.00	36.15 -1.12 0.00	36.25 -1.08 0.00	38.97 -1.17 0.00	45.50 -1.31 0.00	59.24 -1.52 0.00	68.07 -1.74 0.00	61.94 -1.52 0.00	55.80 -1.43 0.00	50.76 -1.36 0.00	46.31 -1.19 0.00	44.29 -1.18 0.00
MARBLE_RIVER_WT_PWR 323696	40.00 -3.67 0.01	37.28 -3.55 0.00	37.63 -3.45 0.00	37.78 -3.33 0.00	39.05 -3.30 0.00	43.01 -3.79 0.00	57.30 -4.72 0.00	58.96 -4.64 0.00	48.24 -4.14 0.00	39.25 -3.69 0.00	37.47 -3.62 0.00	34.70 -3.26 0.00	34.32 -3.35 0.00	33.92 -3.35 0.00	34.05 -3.29 0.00	36.64 -3.49 0.00	43.02 -3.79 0.00	56.68 -4.07 0.00	65.55 -4.26 0.00	60.09 -3.37 0.00	53.80 -3.43 0.00	48.47 -3.65 0.00	44.17 -3.33 0.00	42.20 -3.27 0.00
MARSHVLE_115KV_TB1 80742	45.95 2.27 0.00	43.04 2.21 0.00	43.18 2.10 0.00	43.33 2.22 0.00	44.68 2.33 0.00	49.60 2.81 0.00	66.23 4.22 0.00	67.73 4.13 0.00	54.74 2.36 0.00	44.24 1.29 0.00	41.82 0.74 0.00	38.42 0.46 0.00	38.01 0.34 0.00	37.57 0.30 0.00	37.67 0.34 0.00	40.94 0.80 0.00	48.96 2.15 0.00	64.64 3.89 0.00	74.63 4.82 0.00	67.71 4.25 0.00	61.18 3.95 0.00	55.56 3.44 0.00	50.35 2.85 0.00	48.20 2.73 0.00
MARSH_HILL_WT_PWR 323713	41.01 -2.67 0.00	38.34 -2.49 0.00	38.50 -2.59 0.00	38.52 -2.59 0.00	39.77 -2.59 0.00	44.46 -2.34 0.00	59.04 -2.98 0.00	59.59 -4.00 0.00	48.61 -3.77 0.00	39.47 -3.48 0.00	37.59 -3.49 0.00	34.66 -3.30 0.00	34.59 -3.09 0.00	34.14 -3.13 0.00	34.16 -3.17 0.00	36.84 -3.29 0.00	43.16 -3.65 0.00	56.19 -4.56 0.00	66.11 -3.70 0.00	60.80 -2.66 0.00	55.40 -1.83 0.00	50.60 -1.51 0.00	46.41 -1.09 0.00	45.11 -0.37 0.00
MCINTYRE_115KV_TB2 80467	48.21 4.50 -0.03	44.35 3.51 0.00	44.62 3.53 0.00	44.89 3.78 0.00	46.42 4.07 0.00	51.15 4.35 0.00	67.41 5.40 0.00	68.37 4.77 0.00	54.90 2.51 0.00	43.76 0.82 0.00	41.49 0.41 0.00	38.11 0.15 0.00	37.86 0.19 0.00	37.35 0.07 0.00	37.71 0.37 0.00	40.74 0.60 0.00	48.35 1.54 0.00	64.09 3.34 0.00	70.65 0.84 0.00	64.60 1.14 0.00	58.15 0.92 0.00	52.74 0.63 0.00	48.35 0.85 0.00	46.11 0.64 0.00
MECO_____69_KV_BK1 80468	47.04 3.36 0.00	44.10 3.27 0.00	44.25 3.16 0.00	44.39 3.29 0.00	45.79 3.43 0.00	50.82 4.02 0.00	67.72 5.71 0.00	69.20 5.60 0.00	56.00 3.61 0.00	45.40 2.45 0.00	43.05 1.97 0.00	39.48 1.52 0.00	39.11 1.43 0.00	38.61 1.34 0.00	38.79 1.46 0.00	42.10 1.97 0.00	50.08 3.28 0.00	66.10 5.35 0.00	76.30 6.49 0.00	69.17 5.71 0.00	62.50 5.27 0.00	56.81 4.69 0.00	51.49 3.99 0.00	49.34 3.87 0.00
MENANDS___115KV_TB5 355628	45.86 2.18 0.00	42.96 2.12 0.00	43.18 2.10 0.00	43.20 2.10 0.00	44.52 2.16 0.00	49.13 2.34 0.00	65.05 3.04 0.00	66.59 2.99 0.00	54.84 2.46 0.00	45.05 2.10 0.00	43.05 1.97 0.00	39.59 1.63 0.00	39.26 1.58 0.00	38.87 1.60 0.00	38.90 1.57 0.00	41.94 1.81 0.00	49.01 2.20 0.00	63.61 2.86 0.00	72.74 2.93 0.00	66.00 2.54 0.00	59.58 2.35 0.00	54.30 2.19 0.00	49.40 1.90 0.00	47.38 1.91 0.00
MG INDUSTRY___DRP 24185	45.60 1.92 0.00	42.67 1.84 0.00	42.98 1.89 0.00	43.00 1.89 0.00	44.30 1.95 0.00	48.85 2.06 0.00	64.68 2.67 0.00	66.14 2.54 0.00	54.32 1.94 0.00	44.49 1.55 0.00	42.52 1.44 0.00	39.18 1.21 0.00	38.84 1.17 0.00	38.43 1.16 0.00	38.53 1.19 0.00	41.50 1.36 0.00	48.59 1.78 0.00	63.30 2.55 0.00	72.53 2.72 0.00	65.87 2.41 0.00	59.46 2.23 0.00	54.20 2.08 0.00	49.35 1.85 0.00	47.29 1.82 0.00

MID___OSWEGATCHIE_HYD 23849	45.97 2.27 -0.02	42.51 1.67 0.00	42.73 1.64 0.00	42.91 1.81 0.00	44.30 1.95 0.00	48.85 2.06 0.00	64.62 2.60 0.00	65.95 2.35 0.00	53.53 1.15 0.00	43.03 0.09 0.00	40.96 -0.12 0.00	37.73 -0.23 0.00	37.52 -0.15 0.00	37.01 -0.26 0.00	37.26 -0.07 0.00	40.17 0.04 0.00	47.28 0.47 0.00	62.03 1.28 0.00	69.81 0.00 0.00	63.65 0.19 0.00	57.29 0.06 0.00	52.12 0.00 0.00	47.74 0.24 0.00	45.56 0.09 0.00
MID___RAQUETTE_HYD 23851	46.68 2.97 -0.03	43.12 2.29 0.00	43.39 2.30 0.00	43.57 2.47 0.00	45.02 2.67 0.00	49.27 2.48 0.00	64.93 2.91 0.00	66.14 2.54 0.00	53.59 1.20 0.00	43.03 0.09 0.00	40.92 -0.16 0.00	37.66 -0.30 0.00	37.41 -0.26 0.00	36.94 -0.34 0.00	37.18 -0.15 0.00	40.13 0.00 0.00	47.32 0.51 0.00	62.39 1.64 0.00	68.76 -1.05 0.00	62.76 -0.70 0.00	56.49 -0.74 0.00	51.39 -0.73 0.00	47.26 -0.24 0.00	45.06 -0.41 0.00
MILLIKEN___1 23584	44.24 0.57 0.00	41.33 0.49 0.00	41.54 0.45 0.00	41.56 0.45 0.00	42.82 0.47 0.00	47.64 0.84 0.00	63.38 1.36 0.00	64.62 1.02 0.00	53.06 0.68 0.00	43.25 0.30 0.00	41.33 0.25 0.00	38.19 0.23 0.00	37.98 0.30 0.00	37.53 0.26 0.00	37.63 0.30 0.00	40.49 0.36 0.00	47.32 0.51 0.00	61.36 0.61 0.00	71.07 1.26 0.00	64.66 1.21 0.00	58.43 1.20 0.00	53.16 1.04 0.00	48.35 0.85 0.00	46.47 1.00 0.00
MILLIKEN___2 23585	44.24 0.57 0.00	41.33 0.49 0.00	41.54 0.45 0.00	41.56 0.45 0.00	42.82 0.47 0.00	47.64 0.84 0.00	63.38 1.36 0.00	64.62 1.02 0.00	53.06 0.68 0.00	43.25 0.30 0.00	41.33 0.25 0.00	38.19 0.23 0.00	37.98 0.30 0.00	37.53 0.26 0.00	37.63 0.30 0.00	40.49 0.36 0.00	47.32 0.51 0.00	61.36 0.61 0.00	71.07 1.26 0.00	64.66 1.21 0.00	58.43 1.20 0.00	53.16 1.04 0.00	48.35 0.85 0.00	46.47 1.00 0.00
MILLIKEN___DIESEL 23629	44.24 0.57 0.00	41.33 0.49 0.00	41.54 0.45 0.00	41.56 0.45 0.00	42.82 0.47 0.00	47.64 0.84 0.00	63.38 1.36 0.00	64.62 1.02 0.00	53.06 0.68 0.00	43.25 0.30 0.00	41.33 0.25 0.00	38.19 0.23 0.00	37.98 0.30 0.00	37.53 0.26 0.00	37.63 0.30 0.00	40.49 0.36 0.00	47.32 0.51 0.00	61.36 0.61 0.00	71.07 1.26 0.00	64.66 1.21 0.00	58.43 1.20 0.00	53.16 1.04 0.00	48.35 0.85 0.00	46.47 1.00 0.00
MILLSEAT___LFGE 323607	41.93 -1.75 0.00	39.20 -1.63 0.00	39.24 -1.85 0.00	39.26 -1.85 0.00	40.49 -1.86 0.00	45.20 -1.59 0.00	59.72 -2.29 0.00	60.04 -3.56 0.00	49.82 -2.57 0.00	40.54 -2.40 0.00	38.94 -2.14 0.00	36.03 -1.93 0.00	35.90 -1.77 0.00	35.59 -1.68 0.00	35.54 -1.79 0.00	38.49 -1.65 0.00	44.37 -2.44 0.00	57.04 -3.71 0.00	66.04 -3.77 0.00	60.16 -3.30 0.00	54.72 -2.52 0.00	50.03 -2.09 0.00	46.12 -1.38 0.00	45.16 -0.32 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	46.17 2.49 0.00	43.16 2.33 0.00	43.34 2.26 0.00	43.37 2.26 0.00	44.73 2.37 0.00	49.32 2.53 0.00	65.61 3.60 0.00	67.35 3.75 0.00	55.63 3.25 0.00	45.78 2.83 0.00	43.71 2.63 0.00	40.39 2.43 0.00	39.97 2.30 0.00	39.58 2.31 0.00	39.57 2.24 0.00	42.66 2.53 0.00	49.76 2.95 0.00	64.40 3.65 0.00	73.72 3.91 0.00	66.89 3.43 0.00	60.27 3.03 0.00	54.93 2.81 0.00	49.87 2.37 0.00	47.38 1.91 0.00
MILLWOOD_13_KV_LOAD 356217	46.30 2.62 0.00	43.29 2.45 0.00	43.47 2.38 0.00	43.49 2.38 0.00	44.85 2.50 0.00	49.46 2.67 0.00	65.86 3.84 0.00	67.54 3.94 0.00	55.73 3.35 0.00	45.91 2.96 0.00	43.83 2.75 0.00	40.47 2.51 0.00	40.09 2.41 0.00	39.66 2.39 0.00	39.65 2.31 0.00	42.74 2.61 0.00	49.85 3.04 0.00	64.58 3.83 0.00	73.93 4.12 0.00	67.08 3.62 0.00	60.44 3.21 0.00	55.09 2.97 0.00	50.02 2.52 0.00	47.52 2.05 0.00
MODEL_CITY_ENERGY 24167	40.53 -3.15 0.00	37.94 -2.90 0.00	37.96 -3.12 0.00	37.98 -3.13 0.00	39.18 -3.18 0.00	43.61 -3.18 0.00	57.43 -4.59 0.00	57.43 -6.17 0.00	47.67 -4.71 0.00	39.04 -3.91 0.00	37.51 -3.57 0.00	34.73 -3.23 0.00	34.70 -2.98 0.00	34.36 -2.91 0.00	34.38 -2.95 0.00	37.16 -2.97 0.00	42.64 -4.17 0.00	54.68 -6.07 0.00	63.18 -6.63 0.00	57.56 -5.90 0.00	52.37 -4.86 0.00	48.05 -4.07 0.00	44.51 -2.99 0.00	43.70 -1.77 0.00
MODERN_LFGE___ 323580	40.53 -3.15 0.00	37.94 -2.90 0.00	37.96 -3.12 0.00	37.98 -3.13 0.00	39.18 -3.18 0.00	43.61 -3.18 0.00	57.43 -4.59 0.00	57.43 -6.17 0.00	47.67 -4.71 0.00	39.04 -3.91 0.00	37.51 -3.57 0.00	34.73 -3.23 0.00	34.70 -2.98 0.00	34.36 -2.91 0.00	34.38 -2.95 0.00	37.16 -2.97 0.00	42.64 -4.17 0.00	54.68 -6.07 0.00	63.18 -6.63 0.00	57.56 -5.90 0.00	52.37 -4.86 0.00	48.05 -4.07 0.00	44.51 -2.99 0.00	43.70 -1.77 0.00
MOHAWK_PAPER___DRP 24187	45.90 2.23 0.00	43.00 2.16 0.00	43.22 2.14 0.00	43.24 2.14 0.00	44.56 2.20 0.00	49.18 2.39 0.00	65.11 3.10 0.00	66.71 3.12 0.00	54.90 2.51 0.00	45.05 2.10 0.00	43.09 2.01 0.00	39.63 1.67 0.00	39.26 1.58 0.00	38.87 1.60 0.00	38.94 1.61 0.00	41.98 1.85 0.00	49.05 2.25 0.00	63.79 3.04 0.00	72.95 3.14 0.00	66.19 2.73 0.00	59.75 2.52 0.00	54.46 2.35 0.00	49.54 2.04 0.00	47.47 2.00 0.00
MOHICAN___35_KV_115KV_LD 80490	47.61 3.93 0.00	44.68 3.84 0.00	44.86 3.78 0.00	44.97 3.86 0.00	46.29 3.94 0.00	51.33 4.54 0.00	68.34 6.33 0.00	69.83 6.23 0.00	56.94 4.56 0.00	46.51 3.56 0.00	44.28 3.20 0.00	40.47 2.51 0.00	40.09 2.41 0.00	39.62 2.35 0.00	39.76 2.43 0.00	43.14 3.01 0.00	50.88 4.07 0.00	65.92 5.16 0.00	75.75 5.93 0.00	68.60 5.14 0.00	61.98 4.75 0.00	56.34 4.22 0.00	51.16 3.66 0.00	49.11 3.64 0.00
MONGAUP___HYD 23641	45.99 2.31 0.00	43.04 2.20 0.00	43.22 2.14 0.00	43.16 2.05 0.00	44.51 2.16 0.00	49.18 2.39 0.00	65.48 3.47 0.00	66.97 3.37 0.00	54.95 2.57 0.00	45.09 2.15 0.00	42.89 1.81 0.00	39.59 1.63 0.00	39.22 1.55 0.00	38.84 1.57 0.00	38.90 1.57 0.00	41.82 1.69 0.00	49.05 2.25 0.00	63.79 3.04 0.00	73.37 3.56 0.00	66.69 3.23 0.00	60.15 2.92 0.00	54.72 2.60 0.00	49.73 2.23 0.00	47.38 1.91 0.00
MONTAUK___DIESEL 23721	46.73 3.06 0.00	43.78 2.94 0.00	43.76 2.67 0.00	43.82 2.71 0.00	45.49 3.13 0.00	49.98 3.18 0.00	65.61 3.60 0.00	67.54 3.94 0.00	56.47 4.09 0.00	46.64 3.69 0.00	43.92 2.83 0.00	40.66 2.70 0.00	39.75 2.07 0.00	39.21 1.94 0.00	39.39 2.05 0.00	42.98 2.85 0.00	49.90 2.86 -0.24	64.40 3.65 0.00	74.28 4.47 0.00	66.51 3.05 0.00	59.81 2.58 0.00	56.03 3.91 -0.01	51.20 3.47 -0.23	47.97 2.50 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	41.67 -2.01 0.00	38.96 -1.88 0.00	38.99 -2.10 0.00	38.97 -2.14 0.00	40.15 -2.20 0.00	44.83 -1.97 0.00	59.41 -2.60 0.00	59.34 -4.26 0.00	49.19 -3.20 0.00	39.90 -3.05 0.00	38.16 -2.92 0.00	35.04 -2.92 0.00	35.04 -2.64 0.00	34.66 -2.61 0.00	34.76 -2.58 0.00	37.69 -2.45 0.00	43.44 -3.37 0.00	56.14 -4.62 0.00	65.90 -3.91 0.00	60.60 -2.86 0.00	55.29 -1.95 0.00	50.71 -1.41 0.00	46.98 -0.52 0.00	46.20 0.73 0.00

MORRIS_RIDGE___SOLAR 323848	41.27 -2.40 0.00	38.59 -2.25 0.00	38.79 -2.30 0.00	38.80 -2.30 0.00	40.07 -2.29 0.00	44.60 -2.20 0.00	59.10 -2.91 0.00	59.53 -4.07 0.00	48.61 -3.77 0.00	39.60 -3.35 0.00	37.83 -3.25 0.00	34.89 -3.07 0.00	34.77 -2.90 0.00	34.40 -2.87 0.00	34.42 -2.91 0.00	37.12 -3.01 0.00	43.34 -3.46 0.00	56.26 -4.49 0.00	65.48 -4.33 0.00	60.03 -3.43 0.00	54.66 -2.57 0.00	49.98 -2.14 0.00	46.03 -1.47 0.00	44.84 -0.64 0.00
MORTIMER_115KV_TB3 55949	41.97 -1.70 0.00	39.20 -1.63 0.00	39.32 -1.77 0.00	39.34 -1.77 0.00	40.53 -1.82 0.00	45.16 -1.64 0.00	59.72 -2.29 0.00	60.61 -2.99 0.00	50.23 -2.15 0.00	41.01 -1.93 0.00	39.36 -1.73 0.00	36.37 -1.59 0.00	36.32 -1.36 0.00	35.93 -1.34 0.00	35.91 -1.42 0.00	38.69 -1.44 0.00	44.79 -2.01 0.00	57.53 -3.22 0.00	66.67 -3.14 0.00	60.67 -2.79 0.00	54.94 -2.29 0.00	50.14 -1.98 0.00	46.03 -1.47 0.00	44.65 -0.82 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	46.47 2.80 0.00	43.41 2.57 0.00	43.59 2.51 0.00	43.57 2.47 0.00	44.98 2.63 0.00	49.55 2.76 0.00	65.98 3.97 0.00	67.86 4.26 0.00	56.00 3.61 0.00	46.25 3.31 0.00	44.16 3.08 0.00	40.81 2.85 0.00	40.39 2.71 0.00	39.95 2.68 0.00	39.95 2.61 0.00	43.02 2.89 0.00	50.13 3.32 0.00	64.88 4.13 0.00	74.21 4.40 0.00	67.33 3.87 0.00	60.61 3.38 0.00	55.29 3.18 0.00	50.11 2.61 0.00	47.56 2.09 0.00
MUNSVILLE_WIND_PWR 323609	46.51 2.84 0.00	43.12 2.29 0.00	43.26 2.18 0.00	43.49 2.38 0.00	44.85 2.50 0.00	50.49 3.70 0.00	67.41 5.39 0.00	68.69 5.09 0.00	55.99 3.61 0.00	45.01 2.06 0.00	42.73 1.64 0.00	39.29 1.33 0.00	39.29 1.62 0.00	38.76 1.49 0.00	39.05 1.72 0.00	42.34 2.21 0.00	49.85 3.04 0.00	65.49 4.74 0.00	76.51 6.70 0.00	69.55 6.09 0.00	62.61 5.38 0.00	56.91 4.79 0.00	51.68 4.18 0.00	49.65 4.18 0.00
N SALMON___HYD 24042	43.65 -0.09 -0.06	40.51 -0.33 0.00	40.84 -0.25 0.00	40.94 -0.16 0.00	42.31 -0.04 0.00	46.51 -0.28 0.00	61.77 -0.25 0.00	63.35 -0.25 0.00	51.86 -0.52 0.00	42.04 -0.90 0.00	40.06 -1.03 0.00	37.09 -0.87 0.00	36.73 -0.94 0.00	36.27 -1.00 0.00	36.44 -0.90 0.00	39.25 -0.88 0.00	46.06 -0.75 0.00	60.51 -0.24 0.00	68.98 -0.83 0.00	63.08 -0.38 0.00	56.66 -0.57 0.00	51.23 -0.89 0.00	46.93 -0.57 0.00	44.74 -0.73 0.00
N.AKRON__115KV_KNAPP 355671	41.80 -1.88 0.00	39.04 -1.80 0.00	39.11 -1.97 0.00	39.13 -1.97 0.00	40.32 -2.03 0.00	45.06 -1.73 0.00	59.47 -2.54 0.00	59.78 -3.82 0.00	49.66 -2.72 0.00	40.41 -2.53 0.00	38.78 -2.30 0.00	35.76 -2.20 0.00	35.79 -1.88 0.00	35.41 -1.86 0.00	35.43 -1.90 0.00	38.25 -1.89 0.00	44.09 -2.71 0.00	56.38 -4.37 0.00	65.69 -4.12 0.00	59.91 -3.55 0.00	54.49 -2.75 0.00	49.82 -2.29 0.00	45.98 -1.52 0.00	45.11 -0.36 0.00
N.BELMOR_69_KV_BK1 55787	47.00 3.32 0.00	43.94 3.10 0.00	44.00 2.92 0.00	44.02 2.92 0.00	45.57 3.22 0.00	50.26 3.46 0.00	66.35 4.34 0.00	68.11 4.52 0.00	56.62 4.24 0.00	46.64 3.69 0.00	44.53 3.45 0.00	41.19 3.23 0.00	40.54 2.86 0.00	40.14 2.87 0.00	40.24 2.91 0.00	43.62 3.49 0.00	51.83 3.98 -1.04	65.49 4.74 0.00	75.12 5.31 0.00	67.84 4.38 0.00	60.95 3.72 0.00	56.11 3.96 -0.03	51.87 3.37 -1.00	48.16 2.68 0.00
N.E_GEN_SANDY PD 24062	45.90 2.23 0.00	42.92 2.08 0.00	43.18 2.09 0.00	43.16 2.05 0.00	44.47 2.12 0.00	49.04 2.25 0.00	64.99 2.98 0.00	66.59 2.99 0.00	55.00 2.62 0.00	45.22 2.27 0.00	43.13 2.05 0.00	39.78 1.82 0.00	39.45 1.77 0.00	39.06 1.79 0.00	39.09 1.76 0.00	42.02 1.89 0.00	49.10 2.29 0.00	63.61 2.86 0.00	72.74 2.93 0.00	66.00 2.54 0.00	59.52 2.29 0.00	54.30 2.19 0.00	49.40 1.90 0.00	47.24 1.77 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	45.99 2.31 0.00	43.00 2.16 0.00	43.18 2.10 0.00	43.16 2.06 0.00	44.56 2.20 0.00	49.09 2.29 0.00	65.30 3.29 0.00	67.10 3.50 0.00	55.32 2.93 0.00	45.52 2.58 0.00	43.46 2.38 0.00	40.16 2.20 0.00	39.75 2.07 0.00	39.36 2.09 0.00	39.39 2.05 0.00	42.42 2.29 0.00	49.52 2.71 0.00	64.09 3.34 0.00	73.37 3.56 0.00	66.63 3.17 0.00	60.04 2.80 0.00	54.72 2.61 0.00	49.68 2.18 0.00	47.20 1.73 0.00
N.QUEENS_27_KV_LOAD 356247	46.48 2.80 -0.01	43.38 2.53 -0.01	43.52 2.42 -0.01	43.54 2.43 -0.01	44.90 2.54 0.00	49.41 2.62 0.00	65.61 3.60 0.00	67.61 4.01 0.00	55.84 3.46 0.00	46.25 3.31 0.01	44.21 3.12 -0.01	40.85 2.89 -0.01	40.43 2.75 -0.01	40.04 2.76 -0.01	40.03 2.69 -0.01	43.11 2.97 -0.01	50.18 3.37 0.00	65.00 4.25 0.00	74.07 4.26 0.00	67.33 3.87 0.00	60.55 3.32 0.00	55.29 3.18 0.00	50.11 2.61 0.00	47.56 2.09 0.00
N.TROY___115KV_TB1 355778	46.04 2.36 0.00	43.08 2.25 0.00	43.30 2.22 0.00	43.33 2.22 0.00	44.64 2.29 0.00	49.27 2.48 0.00	65.30 3.29 0.00	66.91 3.31 0.00	55.00 2.62 0.00	45.09 2.15 0.00	43.09 2.01 0.00	39.63 1.67 0.00	39.29 1.62 0.00	38.87 1.60 0.00	38.97 1.64 0.00	42.02 1.89 0.00	49.19 2.39 0.00	63.79 3.04 0.00	72.95 3.14 0.00	66.19 2.73 0.00	59.75 2.52 0.00	54.46 2.35 0.00	49.59 2.09 0.00	47.52 2.05 0.00
NARROWS_GT1_1 24228	61.41 3.36 -14.37	60.53 3.14 -16.55	60.50 3.04 -16.37	59.70 3.00 -15.60	59.71 3.13 -14.22	61.47 3.27 -11.41	66.48 4.47 0.00	68.86 4.96 -0.30	65.12 4.30 -8.44	65.07 3.99 -18.13	65.00 3.57 -20.35	66.91 3.27 -25.69	67.00 3.17 -26.16	68.07 3.13 -27.67	67.05 3.10 -26.62	65.00 3.29 -21.58	66.37 3.93 -15.63	121.16 4.80 -55.61	115.50 5.24 -40.45	115.50 4.63 -47.41	115.50 4.00 -54.26	66.82 3.75 -10.95	65.08 3.18 -14.40	62.57 2.68 -14.42
NARROWS_GT1_2 24229	61.41 3.36 -14.37	60.53 3.14 -16.55	60.50 3.04 -16.37	59.70 3.00 -15.60	59.71 3.13 -14.22	61.47 3.27 -11.41	66.48 4.47 0.00	68.86 4.96 -0.30	65.12 4.30 -8.44	65.07 3.99 -18.13	65.00 3.57 -20.35	66.91 3.27 -25.69	67.00 3.17 -26.16	68.07 3.13 -27.67	67.05 3.10 -26.62	65.00 3.29 -21.58	66.37 3.93 -15.63	121.16 4.80 -55.61	115.50 5.24 -40.45	115.50 4.63 -47.41	115.50 4.00 -54.26	66.82 3.75 -10.95	65.08 3.18 -14.40	62.57 2.68 -14.42
NARROWS_GT1_3 24230	61.41 3.36 -14.37	60.53 3.14 -16.55	60.50 3.04 -16.37	59.70 3.00 -15.60	59.71 3.13 -14.22	61.47 3.27 -11.41	66.48 4.47 0.00	68.86 4.96 -0.30	65.12 4.30 -8.44	65.07 3.99 -18.13	65.00 3.57 -20.35	66.91 3.27 -25.69	67.00 3.17 -26.16	68.07 3.13 -27.67	67.05 3.10 -26.62	65.00 3.29 -21.58	66.37 3.93 -15.63	121.16 4.80 -55.61	115.50 5.24 -40.45	115.50 4.63 -47.41	115.50 4.00 -54.26	66.82 3.75 -10.95	65.08 3.18 -14.40	62.57 2.68 -14.42
NARROWS_GT1_4 24231	61.41 3.36 -14.37	60.53 3.14 -16.55	60.50 3.04 -16.37	59.70 3.00 -15.60	59.71 3.13 -14.22	61.47 3.27 -11.41	66.48 4.47 0.00	68.86 4.96 -0.30	65.12 4.30 -8.44	65.07 3.99 -18.13	65.00 3.57 -20.35	66.91 3.27 -25.69	67.00 3.17 -26.16	68.07 3.13 -27.67	67.05 3.10 -26.62	65.00 3.29 -21.58	66.37 3.93 -15.63	121.16 4.80 -55.61	115.50 5.24 -40.45	115.50 4.63 -47.41	115.50 4.00 -54.26	66.82 3.75 -10.95	65.08 3.18 -14.40	62.57 2.68 -14.42

NARROWS_GT1_5 24232	61.41 3.36 -14.37	60.53 3.14 -16.55	60.50 3.04 -16.37	59.70 3.00 -15.60	59.71 3.13 -14.22	61.47 3.27 -11.41	66.48 4.47 0.00	68.86 4.96 -0.30	65.12 4.30 -8.44	65.07 3.99 -18.13	65.00 3.57 -20.35	66.91 3.27 -25.69	67.00 3.17 -26.16	68.07 3.13 -27.67	67.05 3.10 -26.62	65.00 3.29 -21.58	66.37 3.93 -15.63	121.16 4.80 -55.61	115.50 5.24 -40.45	115.50 4.63 -47.41	115.50 4.00 -54.26	66.82 3.75 -10.95	65.08 3.18 -14.40	62.57 2.68 -14.42
NARROWS_GT1_6 24233	61.41 3.36 -14.37	60.53 3.14 -16.55	60.50 3.04 -16.37	59.70 3.00 -15.60	59.71 3.13 -14.22	61.47 3.27 -11.41	66.48 4.47 0.00	68.86 4.96 -0.30	65.12 4.30 -8.44	65.07 3.99 -18.13	65.00 3.57 -20.35	66.91 3.27 -25.69	67.00 3.17 -26.16	68.07 3.13 -27.67	67.05 3.10 -26.62	65.00 3.29 -21.58	66.37 3.93 -15.63	121.16 4.80 -55.61	115.50 5.24 -40.45	115.50 4.63 -47.41	115.50 4.00 -54.26	66.82 3.75 -10.95	65.08 3.18 -14.40	62.57 2.68 -14.42
NARROWS_GT1_7 24234	61.41 3.36 -14.37	60.53 3.14 -16.55	60.50 3.04 -16.37	59.70 3.00 -15.60	59.71 3.13 -14.22	61.47 3.27 -11.41	66.48 4.47 0.00	68.86 4.96 -0.30	65.12 4.30 -8.44	65.07 3.99 -18.13	65.00 3.57 -20.35	66.91 3.27 -25.69	67.00 3.17 -26.16	68.07 3.13 -27.67	67.05 3.10 -26.62	65.00 3.29 -21.58	66.37 3.93 -15.63	121.16 4.80 -55.61	115.50 5.24 -40.45	115.50 4.63 -47.41	115.50 4.00 -54.26	66.82 3.75 -10.95	65.08 3.18 -14.40	62.57 2.68 -14.42
NARROWS_GT1_8 24235	61.41 3.36 -14.37	60.53 3.14 -16.55	60.50 3.04 -16.37	59.70 3.00 -15.60	59.71 3.13 -14.22	61.47 3.27 -11.41	66.48 4.47 0.00	68.86 4.96 -0.30	65.12 4.30 -8.44	65.07 3.99 -18.13	65.00 3.57 -20.35	66.91 3.27 -25.69	67.00 3.17 -26.16	68.07 3.13 -27.67	67.05 3.10 -26.62	65.00 3.29 -21.58	66.37 3.93 -15.63	121.16 4.80 -55.61	115.50 5.24 -40.45	115.50 4.63 -47.41	115.50 4.00 -54.26	66.82 3.75 -10.95	65.08 3.18 -14.40	62.57 2.68 -14.42
NARROWS_GT2_1 24236	61.41 3.36 -14.37	60.53 3.14 -16.55	60.50 3.04 -16.37	59.70 3.00 -15.60	59.71 3.13 -14.22	61.47 3.27 -11.41	66.48 4.47 0.00	68.86 4.96 -0.30	65.12 4.30 -8.44	65.07 3.99 -18.13	65.00 3.57 -20.35	66.91 3.27 -25.69	67.00 3.17 -26.16	68.07 3.13 -27.67	67.05 3.10 -26.62	65.00 3.29 -21.58	66.37 3.93 -15.63	121.16 4.80 -55.61	115.50 5.24 -40.45	115.50 4.63 -47.41	115.50 4.00 -54.26	66.82 3.75 -10.95	65.08 3.18 -14.40	62.57 2.68 -14.42
NARROWS_GT2_2 24237	61.41 3.36 -14.37	60.53 3.14 -16.55	60.50 3.04 -16.37	59.70 3.00 -15.60	59.71 3.13 -14.22	61.47 3.27 -11.41	66.48 4.47 0.00	68.86 4.96 -0.30	65.12 4.30 -8.44	65.07 3.99 -18.13	65.00 3.57 -20.35	66.91 3.27 -25.69	67.00 3.17 -26.16	68.07 3.13 -27.67	67.05 3.10 -26.62	65.00 3.29 -21.58	66.37 3.93 -15.63	121.16 4.80 -55.61	115.50 5.24 -40.45	115.50 4.63 -47.41	115.50 4.00 -54.26	66.82 3.75 -10.95	65.08 3.18 -14.40	62.57 2.68 -14.42
NARROWS_GT2_3 24238	61.41 3.36 -14.37	60.53 3.14 -16.55	60.50 3.04 -16.37	59.70 3.00 -15.60	59.71 3.13 -14.22	61.47 3.27 -11.41	66.48 4.47 0.00	68.86 4.96 -0.30	65.12 4.30 -8.44	65.07 3.99 -18.13	65.00 3.57 -20.35	66.91 3.27 -25.69	67.00 3.17 -26.16	68.07 3.13 -27.67	67.05 3.10 -26.62	65.00 3.29 -21.58	66.37 3.93 -15.63	121.16 4.80 -55.61	115.50 5.24 -40.45	115.50 4.63 -47.41	115.50 4.00 -54.26	66.82 3.75 -10.95	65.08 3.18 -14.40	62.57 2.68 -14.42
NARROWS_GT2_4 24239	61.41 3.36 -14.37	60.53 3.14 -16.55	60.50 3.04 -16.37	59.70 3.00 -15.60	59.71 3.13 -14.22	61.47 3.27 -11.41	66.48 4.47 0.00	68.86 4.96 -0.30	65.12 4.30 -8.44	65.07 3.99 -18.13	65.00 3.57 -20.35	66.91 3.27 -25.69	67.00 3.17 -26.16	68.07 3.13 -27.67	67.05 3.10 -26.62	65.00 3.29 -21.58	66.37 3.93 -15.63	121.16 4.80 -55.61	115.50 5.24 -40.45	115.50 4.63 -47.41	115.50 4.00 -54.26	66.82 3.75 -10.95	65.08 3.18 -14.40	62.57 2.68 -14.42
NARROWS_GT2_5 24240	61.41 3.36 -14.37	60.53 3.14 -16.55	60.50 3.04 -16.37	59.70 3.00 -15.60	59.71 3.13 -14.22	61.47 3.27 -11.41	66.48 4.47 0.00	68.86 4.96 -0.30	65.12 4.30 -8.44	65.07 3.99 -18.13	65.00 3.57 -20.35	66.91 3.27 -25.69	67.00 3.17 -26.16	68.07 3.13 -27.67	67.05 3.10 -26.62	65.00 3.29 -21.58	66.37 3.93 -15.63	121.16 4.80 -55.61	115.50 5.24 -40.45	115.50 4.63 -47.41	115.50 4.00 -54.26	66.82 3.75 -10.95	65.08 3.18 -14.40	62.57 2.68 -14.42
NARROWS_GT2_6 24241	61.41 3.36 -14.37	60.53 3.14 -16.55	60.50 3.04 -16.37	59.70 3.00 -15.60	59.71 3.13 -14.22	61.47 3.27 -11.41	66.48 4.47 0.00	68.86 4.96 -0.30	65.12 4.30 -8.44	65.07 3.99 -18.13	65.00 3.57 -20.35	66.91 3.27 -25.69	67.00 3.17 -26.16	68.07 3.13 -27.67	67.05 3.10 -26.62	65.00 3.29 -21.58	66.37 3.93 -15.63	121.16 4.80 -55.61	115.50 5.24 -40.45	115.50 4.63 -47.41	115.50 4.00 -54.26	66.82 3.75 -10.95	65.08 3.18 -14.40	62.57 2.68 -14.42
NARROWS_GT2_7 24242	61.41 3.36 -14.37	60.53 3.14 -16.55	60.50 3.04 -16.37	59.70 3.00 -15.60	59.71 3.13 -14.22	61.47 3.27 -11.41	66.48 4.47 0.00	68.86 4.96 -0.30	65.12 4.30 -8.44	65.07 3.99 -18.13	65.00 3.57 -20.35	66.91 3.27 -25.69	67.00 3.17 -26.16	68.07 3.13 -27.67	67.05 3.10 -26.62	65.00 3.29 -21.58	66.37 3.93 -15.63	121.16 4.80 -55.61	115.50 5.24 -40.45	115.50 4.63 -47.41	115.50 4.00 -54.26	66.82 3.75 -10.95	65.08 3.18 -14.40	62.57 2.68 -14.42
NARROWS_GT2_8 24243	61.41 3.36 -14.37	60.53 3.14 -16.55	60.50 3.04 -16.37	59.70 3.00 -15.60	59.71 3.13 -14.22	61.47 3.27 -11.41	66.48 4.47 0.00	68.86 4.96 -0.30	65.12 4.30 -8.44	65.07 3.99 -18.13	65.00 3.57 -20.35	66.91 3.27 -25.69	67.00 3.17 -26.16	68.07 3.13 -27.67	67.05 3.10 -26.62	65.00 3.29 -21.58	66.37 3.93 -15.63	121.16 4.80 -55.61	115.50 5.24 -40.45	115.50 4.63 -47.41	115.50 4.00 -54.26	66.82 3.75 -10.95	65.08 3.18 -14.40	62.57 2.68 -14.42
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	46.56 2.88 0.00	43.61 2.78 0.00	43.84 2.75 0.00	43.86 2.75 0.00	45.19 2.84 0.00	49.93 3.14 0.00	66.35 4.34 0.00	67.61 4.01 0.00	55.16 2.78 0.00	44.97 2.02 0.00	42.77 1.68 0.00	39.40 1.44 0.00	39.07 1.39 0.00	38.69 1.42 0.00	38.79 1.46 0.00	41.86 1.73 0.00	49.24 2.43 0.00	64.52 3.77 0.00	74.21 4.40 0.00	67.39 3.93 0.00	60.84 3.61 0.00	55.40 3.28 0.00	50.35 2.85 0.00	48.34 2.86 0.00
NCHELSEA_115KV_TR2 355582	46.34 2.66 0.00	43.33 2.49 0.00	43.51 2.42 0.00	43.49 2.38 0.00	44.90 2.54 0.00	49.51 2.71 0.00	65.92 3.91 0.00	67.54 3.94 0.00	55.58 3.20 0.00	45.65 2.71 0.00	43.50 2.42 0.00	40.20 2.24 0.00	39.82 2.15 0.00	39.40 2.12 0.00	39.46 2.13 0.00	42.50 2.37 0.00	49.71 2.90 0.00	64.52 3.77 0.00	73.93 4.12 0.00	67.08 3.62 0.00	60.44 3.21 0.00	55.09 2.97 0.00	50.02 2.52 0.00	47.61 2.14 0.00
NEG CAPITAL___MECHNVIL 23645	46.78 3.10 0.00	43.82 2.98 0.00	44.04 2.96 0.00	44.10 3.00 0.00	45.41 3.05 0.00	50.21 3.41 0.00	66.67 4.65 0.00	68.18 4.58 0.00	55.95 3.56 0.00	45.83 2.88 0.00	43.67 2.59 0.00	40.05 2.09 0.00	39.71 2.03 0.00	39.28 2.01 0.00	39.38 2.05 0.00	42.50 2.37 0.00	49.99 3.18 0.00	64.76 4.01 0.00	74.28 4.47 0.00	67.33 3.87 0.00	60.78 3.55 0.00	55.35 3.23 0.00	50.35 2.85 0.00	48.29 2.82 0.00

NEG CENTRAL_HIGH_ACRES 23767	41.58 -2.10 0.00	38.88 -1.96 0.00	38.99 -2.09 0.00	39.01 -2.09 0.00	40.20 -2.16 0.00	44.78 -2.01 0.00	59.29 -2.73 0.00	60.36 -3.24 0.00	49.92 -2.46 0.00	40.71 -2.24 0.00	39.11 -1.97 0.00	36.22 -1.75 0.00	36.06 -1.62 0.00	35.67 -1.60 0.00	35.62 -1.72 0.00	38.49 -1.65 0.00	44.56 -2.25 0.00	57.59 -3.16 0.00	66.39 -3.42 0.00	60.35 -3.11 0.00	54.66 -2.57 0.00	49.82 -2.29 0.00	45.60 -1.90 0.00	44.06 -1.41 0.00
NEG CENTRAL___DRP 24199	43.24 -0.44 0.00	40.43 -0.41 0.00	40.59 -0.49 0.00	40.61 -0.49 0.00	41.85 -0.51 0.00	46.61 -0.19 0.00	61.83 -0.19 0.00	63.03 -0.57 0.00	51.91 -0.47 0.00	42.35 -0.60 0.00	40.51 -0.58 0.00	37.39 -0.57 0.00	37.22 -0.45 0.00	36.79 -0.48 0.00	36.81 -0.52 0.00	39.61 -0.52 0.00	46.20 -0.61 0.00	59.60 -1.15 0.00	69.11 -0.70 0.00	62.95 -0.51 0.00	57.06 -0.17 0.00	51.91 -0.21 0.00	47.31 -0.19 0.00	45.61 0.14 0.00
NEG CENTRAL___INDECK 23768	42.98 -0.70 0.00	40.14 -0.69 0.00	40.26 -0.82 0.00	40.28 -0.82 0.00	41.55 -0.81 0.00	46.47 -0.33 0.00	61.64 -0.37 0.00	62.26 -1.34 0.00	50.92 -1.47 0.00	41.27 -1.68 0.00	39.36 -1.72 0.00	36.37 -1.59 0.00	36.20 -1.47 0.00	35.82 -1.45 0.00	35.77 -1.57 0.00	38.77 -1.36 0.00	45.22 -1.59 0.00	58.81 -1.95 0.00	68.69 -1.12 0.00	62.89 -0.57 0.00	57.23 0.00 0.00	52.12 0.00 0.00	47.74 0.24 0.00	46.29 0.82 0.00
NEG CENTRAL___SENECA 23627	43.33 -0.35 0.00	40.47 -0.37 0.00	40.67 -0.41 0.00	40.65 -0.45 0.00	41.89 -0.47 0.00	46.75 -0.05 0.00	61.95 -0.06 0.00	62.96 -0.64 0.00	51.91 -0.47 0.00	42.26 -0.69 0.00	40.38 -0.70 0.00	37.28 -0.68 0.00	37.15 -0.53 0.00	36.71 -0.56 0.00	36.73 -0.60 0.00	39.57 -0.56 0.00	46.15 -0.66 0.00	59.48 -1.28 0.00	69.18 -0.63 0.00	63.08 -0.38 0.00	57.29 0.06 0.00	52.17 0.05 0.00	47.59 0.09 0.00	45.93 0.45 0.00
NEG CENTRAL___STATE_STREET 24147	43.33 -0.35 0.00	40.47 -0.37 0.00	40.67 -0.41 0.00	40.69 -0.41 0.00	41.93 -0.42 0.00	46.61 -0.19 0.00	62.01 0.00 0.00	63.34 -0.25 0.00	52.17 -0.21 0.00	42.60 -0.34 0.00	40.79 -0.29 0.00	37.73 -0.23 0.00	37.56 -0.11 0.00	37.12 -0.15 0.00	37.11 -0.22 0.00	39.93 -0.20 0.00	46.53 -0.28 0.00	60.14 -0.61 0.00	69.53 -0.28 0.00	63.21 -0.25 0.00	57.12 -0.11 0.00	52.01 -0.10 0.00	47.36 -0.14 0.00	45.47 0.00 0.00
NEG MILLWOOD___DRP 24198	46.52 2.84 0.00	43.53 2.70 0.00	43.71 2.63 0.00	43.74 2.63 0.00	45.15 2.80 0.00	49.84 3.04 0.00	66.42 4.40 0.00	67.99 4.39 0.00	56.00 3.61 0.00	45.95 3.01 0.00	43.83 2.75 0.00	40.43 2.47 0.00	40.09 2.41 0.00	39.66 2.39 0.00	39.68 2.35 0.00	42.78 2.65 0.00	49.99 3.18 0.00	64.88 4.13 0.00	74.35 4.54 0.00	67.46 4.00 0.00	60.84 3.61 0.00	55.40 3.28 0.00	50.30 2.80 0.00	47.84 2.36 0.00
NEG NORTH_FLCN_SEA 23793	41.13 -2.53 0.01	38.35 -2.49 0.00	38.70 -2.38 0.00	38.80 -2.30 0.00	40.11 -2.24 0.00	44.17 -2.62 0.00	58.85 -3.16 0.00	60.55 -3.05 0.00	49.61 -2.78 0.00	40.37 -2.58 0.00	38.53 -2.55 0.00	35.68 -2.28 0.00	35.30 -2.37 0.00	34.89 -2.39 0.00	35.02 -2.31 0.00	37.69 -2.45 0.00	44.23 -2.57 0.00	58.20 -2.55 0.00	67.23 -2.58 0.00	61.56 -1.90 0.00	55.17 -2.06 0.00	49.77 -2.35 0.00	45.41 -2.09 0.00	43.38 -2.09 0.00
NEG NORTH_KES_CHATEGAY 23792	42.09 -1.57 0.01	39.29 -1.55 0.00	39.56 -1.52 0.00	39.63 -1.48 0.00	40.92 -1.44 0.00	45.06 -1.73 0.00	59.84 -2.17 0.00	61.56 -2.04 0.00	50.50 -1.89 0.00	41.19 -1.76 0.00	39.31 -1.77 0.00	36.40 -1.56 0.00	36.02 -1.66 0.00	35.63 -1.64 0.00	35.73 -1.61 0.00	38.45 -1.69 0.00	45.08 -1.73 0.00	59.11 -1.64 0.00	68.07 -1.75 0.00	62.13 -1.33 0.00	55.80 -1.43 0.00	50.50 -1.62 0.00	46.12 -1.38 0.00	44.06 -1.41 0.00
NEG NORTH___ALICE_FALLS 23915	41.52 -2.14 0.01	38.71 -2.12 0.00	39.03 -2.05 0.00	39.13 -1.97 0.00	40.45 -1.91 0.00	44.55 -2.25 0.00	59.41 -2.60 0.00	61.05 -2.54 0.00	50.08 -2.30 0.00	40.71 -2.23 0.00	38.86 -2.22 0.00	36.02 -1.94 0.00	35.64 -2.03 0.00	35.18 -2.09 0.00	35.35 -1.98 0.00	38.05 -2.09 0.00	44.65 -2.15 0.00	58.75 -2.00 0.00	67.79 -2.02 0.00	62.06 -1.40 0.00	55.69 -1.55 0.00	50.19 -1.93 0.00	45.84 -1.66 0.00	43.74 -1.73 0.00
NEG NORTH___LWR_SARANAC 23913	41.52 -2.14 0.01	38.71 -2.12 0.00	39.03 -2.05 0.00	39.13 -1.97 0.00	40.45 -1.91 0.00	44.55 -2.25 0.00	59.41 -2.60 0.00	61.05 -2.54 0.00	50.08 -2.30 0.00	40.71 -2.23 0.00	38.86 -2.22 0.00	36.02 -1.94 0.00	35.64 -2.03 0.00	35.18 -2.09 0.00	35.35 -1.98 0.00	38.05 -2.09 0.00	44.65 -2.15 0.00	58.75 -2.00 0.00	67.79 -2.02 0.00	62.06 -1.40 0.00	55.69 -1.55 0.00	50.19 -1.93 0.00	45.84 -1.66 0.00	43.74 -1.73 0.00
NEG NORTH___PLATTSBURG 23628	41.53 -2.14 0.01	38.71 -2.13 0.00	39.03 -2.05 0.00	39.13 -1.97 0.00	40.49 -1.86 0.00	44.55 -2.25 0.00	59.41 -2.60 0.00	61.05 -2.55 0.00	50.08 -2.30 0.00	40.71 -2.24 0.00	38.86 -2.22 0.00	36.03 -1.93 0.00	35.64 -2.03 0.00	35.18 -2.09 0.00	35.35 -1.98 0.00	38.04 -2.09 0.00	44.61 -2.20 0.00	58.69 -2.07 0.00	67.78 -2.03 0.00	62.06 -1.40 0.00	55.69 -1.54 0.00	50.19 -1.93 0.00	45.83 -1.66 0.00	43.74 -1.73 0.00
NEG WEST_LEA_LOCKPORT 23791	40.93 -2.75 0.00	38.22 -2.61 0.00	38.29 -2.79 0.00	38.31 -2.80 0.00	39.48 -2.88 0.00	44.03 -2.76 0.00	58.04 -3.97 0.00	58.07 -5.53 0.00	48.19 -4.19 0.00	39.34 -3.61 0.00	37.79 -3.29 0.00	34.85 -3.11 0.00	34.92 -2.75 0.00	34.59 -2.68 0.00	34.64 -2.69 0.00	37.32 -2.81 0.00	42.92 -3.88 0.00	54.80 -5.95 0.00	63.81 -6.00 0.00	58.19 -5.27 0.00	52.94 -4.29 0.00	48.57 -3.54 0.00	44.93 -2.56 0.00	44.20 -1.27 0.00
NEG WEST___LANCASTR 23811	42.89 -0.79 0.00	40.10 -0.74 0.00	40.18 -0.90 0.00	40.16 -0.95 0.00	41.42 -0.93 0.00	46.14 -0.66 0.00	61.02 -0.99 0.00	60.80 -2.80 0.00	50.34 -2.04 0.00	41.01 -1.93 0.00	39.36 -1.73 0.00	36.29 -1.67 0.00	36.32 -1.36 0.00	35.93 -1.34 0.00	35.99 -1.34 0.00	38.85 -1.28 0.00	44.75 -2.06 0.00	57.35 -3.40 0.00	66.81 -3.00 0.00	61.05 -2.41 0.00	55.46 -1.77 0.00	50.76 -1.36 0.00	46.88 -0.62 0.00	46.25 0.77 0.00
NEG_PENN_ALLEGHNY 23528	43.85 0.18 0.00	41.00 0.16 0.00	41.21 0.12 0.00	41.19 0.08 0.00	42.48 0.13 0.00	47.12 0.33 0.00	62.57 0.56 0.00	63.79 0.19 0.00	52.49 0.10 0.00	42.95 0.00 0.00	41.00 -0.08 0.00	37.92 -0.04 0.00	37.71 0.04 0.00	37.27 0.00 0.00	37.33 0.00 0.00	40.17 0.04 0.00	46.85 0.05 0.00	60.69 -0.06 0.00	69.95 0.14 0.00	63.71 0.25 0.00	57.52 0.29 0.00	52.38 0.26 0.00	47.83 0.33 0.00	46.02 0.55 0.00
NEG___GEN_MONROE 24207	42.15 -1.53 0.00	39.45 -1.39 0.00	39.61 -1.48 0.00	39.58 -1.52 0.00	40.79 -1.57 0.00	45.53 -1.26 0.00	60.22 -1.80 0.00	60.93 -2.67 0.00	50.44 -1.94 0.00	41.14 -1.80 0.00	39.40 -1.68 0.00	36.33 -1.63 0.00	36.24 -1.43 0.00	35.78 -1.49 0.00	35.73 -1.61 0.00	38.49 -1.65 0.00	44.47 -2.34 0.00	57.17 -3.58 0.00	66.32 -3.49 0.00	60.41 -3.05 0.00	54.77 -2.46 0.00	50.03 -2.08 0.00	45.88 -1.61 0.00	44.61 -0.86 0.00

NEPA__ENERGY 23901	42.50 -1.18 0.00	39.69 -1.14 0.00	39.81 -1.27 0.00	39.79 -1.32 0.00	41.00 -1.36 0.00	45.67 -1.12 0.00	60.40 -1.61 0.00	60.48 -3.12 0.00	50.08 -2.30 0.00	40.84 -2.10 0.00	39.15 -1.93 0.00	36.10 -1.86 0.00	36.09 -1.58 0.00	35.71 -1.57 0.00	35.76 -1.57 0.00	38.61 -1.53 0.00	44.42 -2.39 0.00	56.92 -3.83 0.00	66.39 -3.42 0.00	60.67 -2.79 0.00	55.17 -2.06 0.00	50.45 -1.67 0.00	46.60 -0.90 0.00	45.75 0.27 0.00
NEVERSink__HYD 23608	46.69 3.01 0.00	43.74 2.90 0.00	43.96 2.87 0.00	43.90 2.80 0.00	45.28 2.92 0.00	49.98 3.18 0.00	66.54 4.52 0.00	67.98 4.38 0.00	55.84 3.46 0.00	45.74 2.79 0.00	43.42 2.34 0.00	40.09 2.12 0.00	39.63 1.96 0.00	39.10 1.83 0.00	39.16 1.83 0.00	42.10 1.97 0.00	49.38 2.57 0.00	64.21 3.46 0.00	73.79 3.98 0.00	67.07 3.62 0.00	60.44 3.20 0.00	55.03 2.92 0.00	49.97 2.47 0.00	47.61 2.14 0.00
NEWKRMKL_115KV_TB1 55635	46.30 2.62 0.00	43.33 2.49 0.00	43.55 2.47 0.00	43.61 2.51 0.00	44.94 2.58 0.00	49.60 2.81 0.00	65.73 3.72 0.00	67.35 3.75 0.00	55.37 2.99 0.00	45.44 2.49 0.00	43.42 2.34 0.00	39.93 1.97 0.00	39.56 1.88 0.00	39.13 1.86 0.00	39.24 1.90 0.00	42.30 2.17 0.00	49.52 2.71 0.00	63.73 2.98 0.00	72.95 3.14 0.00	66.19 2.73 0.00	59.75 2.52 0.00	54.46 2.35 0.00	49.54 2.04 0.00	47.47 2.00 0.00
NEWTON__FALLS_HYD 23847	45.97 2.27 -0.02	42.51 1.67 0.00	42.73 1.64 0.00	42.91 1.81 0.00	44.30 1.95 0.00	48.85 2.06 0.00	64.62 2.60 0.00	65.95 2.35 0.00	53.53 1.15 0.00	43.03 0.09 0.00	40.96 -0.12 0.00	37.73 -0.23 0.00	37.52 -0.15 0.00	37.01 -0.26 0.00	37.26 -0.07 0.00	40.17 0.04 0.00	47.28 0.47 0.00	62.03 1.28 0.00	69.81 0.00 0.00	63.65 0.19 0.00	57.29 0.06 0.00	52.12 0.00 0.00	47.74 0.24 0.00	45.56 0.09 0.00
NGRID_A1_DSASP 323792	40.45 -3.23 0.00	37.82 -3.02 0.00	37.84 -3.25 0.00	37.86 -3.25 0.00	39.05 -3.30 0.00	43.47 -3.32 0.00	57.24 -4.77 0.00	57.24 -6.36 0.00	47.51 -4.87 0.00	38.91 -4.04 0.00	37.38 -3.70 0.00	34.66 -3.30 0.00	34.59 -3.09 0.00	34.29 -2.98 0.00	34.27 -3.06 0.00	37.08 -3.05 0.00	42.50 -4.31 0.00	54.43 -6.32 0.00	62.90 -6.91 0.00	57.30 -6.15 0.00	52.14 -5.09 0.00	47.84 -4.27 0.00	44.32 -3.18 0.00	43.56 -1.91 0.00
NGRID_A2_DSASP 323793	40.45 -3.23 0.00	37.82 -3.02 0.00	37.84 -3.25 0.00	37.86 -3.25 0.00	39.05 -3.30 0.00	43.47 -3.32 0.00	57.24 -4.77 0.00	57.24 -6.36 0.00	47.51 -4.87 0.00	38.91 -4.04 0.00	37.38 -3.70 0.00	34.66 -3.30 0.00	34.59 -3.09 0.00	34.29 -2.98 0.00	34.27 -3.06 0.00	37.08 -3.05 0.00	42.50 -4.31 0.00	54.43 -6.32 0.00	62.90 -6.91 0.00	57.30 -6.15 0.00	52.14 -5.09 0.00	47.84 -4.27 0.00	44.32 -3.18 0.00	43.56 -1.91 0.00
NGRID_A4_DSASP 323807	40.45 -3.23 0.00	37.82 -3.02 0.00	37.84 -3.25 0.00	37.86 -3.25 0.00	39.05 -3.30 0.00	43.47 -3.32 0.00	57.24 -4.77 0.00	57.24 -6.36 0.00	47.51 -4.87 0.00	38.91 -4.04 0.00	37.38 -3.70 0.00	34.66 -3.30 0.00	34.59 -3.09 0.00	34.29 -2.98 0.00	34.27 -3.06 0.00	37.08 -3.05 0.00	42.50 -4.31 0.00	54.43 -6.32 0.00	62.90 -6.91 0.00	57.30 -6.15 0.00	52.14 -5.09 0.00	47.84 -4.27 0.00	44.32 -3.18 0.00	43.56 -1.91 0.00
NIAGARA_115E_LBMP 323715	40.36 -3.32 0.00	37.73 -3.11 0.00	37.76 -3.33 0.00	37.78 -3.33 0.00	38.97 -3.39 0.00	43.38 -3.41 0.00	57.11 -4.90 0.00	57.11 -6.49 0.00	47.40 -4.98 0.00	38.82 -4.12 0.00	37.30 -3.78 0.00	34.58 -3.38 0.00	34.51 -3.16 0.00	34.22 -3.06 0.00	34.20 -3.14 0.00	37.00 -3.13 0.00	42.41 -4.40 0.00	54.31 -6.44 0.00	62.76 -7.05 0.00	57.18 -6.28 0.00	52.02 -5.21 0.00	47.74 -4.38 0.00	44.22 -3.28 0.00	43.43 -2.05 0.00
NIAGARA_115W_LBMP 323714	40.36 -3.32 0.00	37.73 -3.11 0.00	37.76 -3.33 0.00	37.78 -3.33 0.00	38.97 -3.39 0.00	43.38 -3.41 0.00	57.11 -4.90 0.00	57.11 -6.49 0.00	47.40 -4.98 0.00	38.82 -4.12 0.00	37.30 -3.78 0.00	34.58 -3.38 0.00	34.51 -3.16 0.00	34.22 -3.06 0.00	34.20 -3.14 0.00	37.00 -3.13 0.00	42.41 -4.40 0.00	54.31 -6.44 0.00	62.76 -7.05 0.00	57.18 -6.28 0.00	52.02 -5.21 0.00	47.74 -4.38 0.00	44.22 -3.28 0.00	43.43 -2.05 0.00
NIAGARA_230_LBMP 323716	40.75 -2.93 0.00	38.14 -2.70 0.00	38.17 -2.92 0.00	38.23 -2.88 0.00	39.39 -2.97 0.00	43.85 -2.95 0.00	57.74 -4.28 0.00	57.75 -5.85 0.00	47.93 -4.45 0.00	39.30 -3.65 0.00	37.75 -3.33 0.00	35.00 -2.96 0.00	34.89 -2.79 0.00	34.59 -2.68 0.00	34.61 -2.72 0.00	37.40 -2.73 0.00	42.88 -3.93 0.00	54.98 -5.77 0.00	63.46 -6.35 0.00	57.81 -5.65 0.00	52.60 -4.63 0.00	48.21 -3.91 0.00	44.65 -2.85 0.00	43.84 -1.64 0.00
NIAGARA__115KV_198_GIBSON 55903	40.36 -3.32 0.00	37.69 -3.14 0.00	37.76 -3.33 0.00	37.78 -3.33 0.00	38.92 -3.43 0.00	43.38 -3.42 0.00	57.11 -4.90 0.00	57.11 -6.49 0.00	47.41 -4.98 0.00	38.82 -4.12 0.00	37.30 -3.78 0.00	34.43 -3.53 0.00	34.51 -3.16 0.00	34.14 -3.13 0.00	34.20 -3.14 0.00	36.84 -3.29 0.00	42.27 -4.54 0.00	53.89 -6.86 0.00	62.69 -7.12 0.00	57.18 -6.28 0.00	52.02 -5.21 0.00	47.74 -4.38 0.00	44.22 -3.28 0.00	43.52 -1.96 0.00
NIAGARA____ 23760	40.75 -2.93 0.00	38.14 -2.70 0.00	38.17 -2.92 0.00	38.23 -2.88 0.00	39.39 -2.97 0.00	43.85 -2.95 0.00	57.74 -4.28 0.00	57.75 -5.85 0.00	47.93 -4.45 0.00	39.30 -3.65 0.00	37.75 -3.33 0.00	35.00 -2.96 0.00	34.89 -2.79 0.00	34.59 -2.68 0.00	34.61 -2.72 0.00	37.40 -2.73 0.00	42.88 -3.93 0.00	54.98 -5.77 0.00	63.46 -6.35 0.00	57.81 -5.65 0.00	52.60 -4.63 0.00	48.21 -3.91 0.00	44.65 -2.85 0.00	43.84 -1.64 0.00
NINE_MILE_1 23575	41.97 -1.70 0.00	39.33 -1.51 0.00	39.52 -1.56 0.00	39.54 -1.56 0.00	40.70 -1.65 0.00	45.06 -1.73 0.00	59.72 -2.29 0.00	61.12 -2.48 0.00	50.34 -2.04 0.00	41.27 -1.68 0.00	39.68 -1.40 0.00	36.71 -1.25 0.00	36.47 -1.21 0.00	36.08 -1.19 0.00	36.10 -1.23 0.00	38.85 -1.29 0.00	45.08 -1.73 0.00	58.32 -2.43 0.00	67.09 -2.72 0.00	60.98 -2.48 0.00	55.06 -2.17 0.00	50.14 -1.98 0.00	45.74 -1.76 0.00	43.93 -1.55 0.00
NINE_MILE_2 23744	41.97 -1.70 0.00	39.33 -1.51 0.00	39.52 -1.56 0.00	39.54 -1.56 0.00	40.70 -1.65 0.00	45.06 -1.73 0.00	59.72 -2.29 0.00	61.12 -2.48 0.00	50.34 -2.04 0.00	41.27 -1.68 0.00	39.68 -1.40 0.00	36.71 -1.25 0.00	36.47 -1.21 0.00	36.08 -1.19 0.00	36.10 -1.23 0.00	38.85 -1.29 0.00	45.08 -1.73 0.00	58.32 -2.43 0.00	67.09 -2.72 0.00	60.98 -2.48 0.00	55.06 -2.17 0.00	50.14 -1.98 0.00	45.79 -1.71 0.00	43.93 -1.55 0.00
NM_CAPITAL__DRP 24208	45.82 2.14 0.00	42.88 2.04 0.00	43.14 2.05 0.00	43.16 2.06 0.00	44.47 2.12 0.00	49.09 2.29 0.00	64.99 2.98 0.00	66.52 2.93 0.00	54.79 2.41 0.00	44.97 2.02 0.00	43.01 1.93 0.00	39.56 1.59 0.00	39.22 1.54 0.00	38.84 1.57 0.00	38.86 1.53 0.00	41.90 1.77 0.00	48.96 2.15 0.00	63.55 2.79 0.00	72.74 2.93 0.00	66.00 2.54 0.00	59.58 2.35 0.00	54.30 2.19 0.00	49.40 1.90 0.00	47.34 1.86 0.00

NM_CENTRAL___DRP 24181	42.94 -0.74 0.00	40.18 -0.65 0.00	40.39 -0.70 0.00	40.37 -0.74 0.00	41.55 -0.80 0.00	46.14 -0.66 0.00	61.27 -0.74 0.00	62.64 -0.95 0.00	51.60 -0.79 0.00	42.26 -0.69 0.00	40.51 -0.58 0.00	37.47 -0.49 0.00	37.26 -0.41 0.00	36.82 -0.45 0.00	36.88 -0.45 0.00	39.61 -0.52 0.00	46.06 -0.75 0.00	59.54 -1.22 0.00	68.62 -1.19 0.00	62.38 -1.08 0.00	56.32 -0.92 0.00	51.28 -0.83 0.00	46.74 -0.76 0.00	44.93 -0.55 0.00
NM_FRONTIER___DRP 24179	40.36 -3.32 0.00	37.69 -3.14 0.00	37.76 -3.33 0.00	37.78 -3.33 0.00	38.92 -3.43 0.00	43.38 -3.42 0.00	57.11 -4.90 0.00	57.11 -6.49 0.00	47.41 -4.98 0.00	38.82 -4.12 0.00	37.30 -3.78 0.00	34.43 -3.53 0.00	34.51 -3.16 0.00	34.14 -3.13 0.00	34.20 -3.14 0.00	36.84 -3.29 0.00	42.27 -4.54 0.00	53.89 -6.86 0.00	62.69 -7.12 0.00	57.18 -6.28 0.00	52.02 -5.21 0.00	47.74 -4.38 0.00	44.22 -3.28 0.00	43.52 -1.96 0.00
NM_ST_REGIS___HYD 24053	45.94 2.23 -0.04	42.47 1.63 0.00	42.73 1.64 0.00	42.91 1.81 0.00	44.35 1.99 0.00	48.57 1.78 0.00	64.12 2.11 0.00	65.44 1.84 0.00	53.17 0.79 0.00	42.73 -0.21 0.00	40.67 -0.41 0.00	37.51 -0.46 0.00	37.22 -0.45 0.00	36.71 -0.56 0.00	37.00 -0.34 0.00	39.89 -0.24 0.00	46.99 0.19 0.00	61.91 1.15 0.00	68.83 -0.98 0.00	62.82 -0.63 0.00	56.55 -0.69 0.00	51.33 -0.78 0.00	47.17 -0.33 0.00	44.97 -0.50 0.00
NORTHPORT___1 23551	47.13 3.45 0.00	43.94 3.10 0.00	44.00 2.92 0.00	44.15 3.04 0.00	45.53 3.18 0.00	50.45 3.65 0.00	66.17 4.16 0.00	67.73 4.13 0.00	56.83 4.45 0.00	46.90 3.95 0.00	44.53 3.45 0.00	41.15 3.19 0.00	40.54 2.86 0.00	39.99 2.72 0.00	40.25 2.91 0.00	43.55 3.41 -0.01	51.32 4.30 -0.21	64.82 4.07 0.00	75.05 5.24 0.00	67.58 4.12 0.00	60.72 3.49 0.00	56.35 4.22 -0.01	51.60 3.90 -0.21	48.25 2.77 0.00
NORTHPORT___2 23552	47.13 3.45 0.00	43.94 3.10 0.00	44.00 2.92 0.00	44.15 3.04 0.00	45.53 3.18 0.00	50.45 3.65 0.00	66.17 4.16 0.00	67.73 4.13 0.00	56.83 4.45 0.00	46.90 3.95 0.00	44.53 3.45 0.00	41.15 3.19 0.00	40.54 2.86 0.00	39.99 2.72 0.00	40.25 2.91 0.00	43.55 3.41 -0.01	51.32 4.30 -0.21	64.82 4.07 0.00	75.05 5.24 0.00	67.58 4.12 0.00	60.72 3.49 0.00	56.35 4.22 -0.01	51.60 3.90 -0.21	48.25 2.77 0.00
NORTHPORT___3 23553	46.73 3.06 0.00	43.65 2.82 0.00	43.68 2.59 0.00	43.78 2.67 0.00	45.19 2.84 0.00	50.07 3.27 0.00	64.37 2.36 0.00	65.95 2.35 0.00	56.47 4.09 0.00	46.56 3.61 0.00	44.29 3.21 0.00	40.92 2.96 0.00	40.27 2.60 0.00	39.77 2.50 0.00	39.98 2.65 0.00	43.35 3.21 -0.01	49.24 2.15 -0.28	63.36 2.61 0.00	73.02 3.21 0.00	66.00 2.54 0.00	59.58 2.35 0.00	55.32 3.18 -0.02	49.30 1.52 -0.28	47.93 2.45 0.00
NORTHPORT___4 23650	46.73 3.06 0.00	43.65 2.82 0.00	43.68 2.59 0.00	43.78 2.67 0.00	45.19 2.84 0.00	50.07 3.27 0.00	64.37 2.36 0.00	65.95 2.35 0.00	56.47 4.09 0.00	46.56 3.61 0.00	44.29 3.21 0.00	40.92 2.96 0.00	40.27 2.60 0.00	39.77 2.50 0.00	39.98 2.65 0.00	43.35 3.21 -0.01	49.44 2.15 -0.47	63.36 2.61 0.00	73.02 3.21 0.00	66.00 2.54 0.00	59.58 2.35 0.00	55.32 3.18 -0.02	49.48 1.52 -0.46	47.93 2.45 0.00
NORTHPORT___IC 23718	47.13 3.45 0.00	44.10 3.27 0.00	44.13 3.04 0.00	44.15 3.04 0.00	45.74 3.39 0.00	50.44 3.65 0.00	66.17 4.15 0.00	67.99 4.39 0.00	56.73 4.35 0.00	46.81 3.87 0.00	44.53 3.45 0.00	41.30 3.34 0.00	40.54 2.86 0.00	40.14 2.87 0.00	40.24 2.91 0.00	43.71 3.57 0.00	51.37 4.35 -0.21	65.49 4.74 0.00	75.05 5.24 0.00	67.58 4.12 0.00	60.61 3.38 0.00	56.29 4.17 -0.01	51.59 3.89 -0.20	48.16 2.68 0.00
NORTH___COUNTRY_ESR 323785	42.00 -1.66 0.01	39.16 -1.68 0.00	39.48 -1.60 0.00	39.54 -1.56 0.00	40.83 -1.52 0.00	44.97 -1.83 0.00	59.66 -2.36 0.00	61.37 -2.23 0.00	50.39 -1.99 0.00	41.10 -1.85 0.00	39.27 -1.81 0.00	36.33 -1.63 0.00	35.98 -1.69 0.00	35.56 -1.71 0.00	35.69 -1.64 0.00	38.37 -1.76 0.00	44.98 -1.83 0.00	58.93 -1.82 0.00	67.86 -1.95 0.00	61.94 -1.52 0.00	55.63 -1.60 0.00	50.34 -1.77 0.00	45.98 -1.52 0.00	43.97 -1.50 0.00
NPX_GEN_1385_PROXY 323591	47.13 3.45 0.00	43.65 2.82 0.00	43.72 2.63 0.00	44.15 3.04 0.00	45.53 3.18 0.00	50.58 3.79 0.00	65.42 3.41 0.00	66.84 3.24 0.00	56.68 4.30 0.00	46.81 3.87 0.00	44.08 3.00 0.00	40.73 2.77 0.00	40.12 2.45 0.00	39.54 2.27 0.00	40.13 2.80 0.00	43.43 3.29 -0.01	50.99 3.98 -0.21	63.97 3.22 0.00	74.00 4.19 0.00	66.44 2.98 0.00	59.52 2.29 0.00	55.62 3.49 -0.01	51.22 3.51 -0.21	48.06 2.59 0.00
NPX_GEN_CSC 323557	46.95 3.28 0.00	43.82 2.98 0.00	43.84 2.75 0.00	43.98 2.88 0.00	45.24 2.88 0.00	50.07 3.27 0.00	65.42 3.41 0.00	67.09 3.50 0.00	56.62 4.24 0.00	47.03 4.08 0.00	44.53 3.45 0.00	41.19 3.22 0.00	40.54 2.86 0.00	39.81 2.54 0.00	40.06 2.72 0.00	43.47 3.33 -0.01	50.56 3.51 -0.24	64.09 3.34 0.00	74.70 4.89 0.00	66.95 3.49 0.00	60.15 2.92 0.00	56.09 3.96 -0.02	51.06 3.32 -0.24	47.88 2.41 0.00
NSINS_S___GLNS_FALLS 23858	47.74 4.06 0.00	44.80 3.96 0.00	44.95 3.86 0.00	45.05 3.95 0.00	46.38 4.02 0.00	51.43 4.63 0.00	68.52 6.51 0.00	70.02 6.42 0.00	57.10 4.71 0.00	46.60 3.65 0.00	44.41 3.33 0.00	40.58 2.62 0.00	40.20 2.52 0.00	39.69 2.42 0.00	39.83 2.50 0.00	43.22 3.09 0.00	50.97 4.17 0.00	66.04 5.29 0.00	75.89 6.07 0.00	68.66 5.20 0.00	62.10 4.86 0.00	56.44 4.33 0.00	51.25 3.75 0.00	49.16 3.68 0.00
NUCOR_STEEL___DRP 24197	43.50 -0.17 0.00	40.67 -0.16 0.00	40.88 -0.21 0.00	40.90 -0.21 0.00	42.10 -0.25 0.00	46.79 0.00 0.00	62.14 0.12 0.00	63.47 -0.13 0.00	52.28 -0.10 0.00	42.69 -0.26 0.00	40.88 -0.21 0.00	37.81 -0.15 0.00	37.60 -0.08 0.00	37.16 -0.11 0.00	37.18 -0.15 0.00	39.97 -0.16 0.00	46.57 -0.23 0.00	60.27 -0.49 0.00	69.67 -0.14 0.00	63.33 -0.13 0.00	57.23 0.00 0.00	52.06 -0.05 0.00	47.45 -0.05 0.00	45.61 0.14 0.00
NUMBER_THREE_WT_PWR 323818	45.30 1.62 -0.01	42.02 1.19 0.00	42.23 1.15 0.00	42.38 1.28 0.00	43.75 1.40 0.00	48.57 1.78 0.00	64.50 2.48 0.00	65.82 2.22 0.00	53.64 1.26 0.00	43.25 0.30 0.00	41.25 0.16 0.00	38.00 0.04 0.00	37.79 0.11 0.00	37.35 0.07 0.00	37.52 0.19 0.00	40.45 0.32 0.00	47.46 0.65 0.00	62.09 1.33 0.00	71.21 1.40 0.00	64.85 1.39 0.00	58.44 1.20 0.00	53.10 0.99 0.00	48.40 0.90 0.00	46.25 0.77 0.00
NYISO_LBMP_REFERENCE 24008	43.68 0.00 0.00	40.84 0.00 0.00	41.09 0.00 0.00	41.11 0.00 0.00	42.36 0.00 0.00	46.79 0.00 0.00	62.01 0.00 0.00	63.60 0.00 0.00	52.38 0.00 0.00	42.95 0.00 0.00	41.08 0.00 0.00	37.96 0.00 0.00	37.67 0.00 0.00	37.27 0.00 0.00	37.33 0.00 0.00	40.13 0.00 0.00	46.81 0.00 0.00	60.75 0.00 0.00	69.81 0.00 0.00	63.46 0.00 0.00	57.23 0.00 0.00	52.12 0.00 0.00	47.50 0.00 0.00	45.47 0.00 0.00

NYPA_BRENTWD____GT 24164	47.69 4.02 0.00	44.51 3.68 0.00	44.54 3.45 0.00	44.68 3.57 0.00	46.12 3.77 0.00	51.10 4.30 0.00	67.22 5.21 0.00	68.81 5.22 0.00	57.52 5.14 0.00	47.41 4.47 0.00	44.99 3.90 0.00	41.57 3.61 0.00	40.91 3.24 0.00	40.40 3.13 0.00	40.62 3.29 0.00	44.03 3.89 -0.01	51.14 4.03 -0.30	65.79 5.04 0.00	76.23 6.42 0.00	68.66 5.20 0.00	61.70 4.47 0.00	57.14 5.00 -0.02	51.36 3.56 -0.30	48.84 3.36 0.00
NYPA_GOWANUS____GT5 24156	61.41 3.36 -14.37	60.53 3.14 -16.55	60.50 3.04 -16.37	59.70 3.00 -15.60	59.71 3.13 -14.22	61.47 3.27 -11.41	66.48 4.47 0.00	68.86 4.96 -0.30	65.12 4.30 -8.44	65.07 3.99 -18.13	65.00 3.57 -20.35	66.91 3.27 -25.69	67.00 3.17 -26.16	68.07 3.13 -27.67	67.05 3.10 -26.62	65.00 3.29 -21.58	66.37 3.93 -15.63	121.16 4.80 -55.61	115.50 5.24 -40.45	115.50 4.63 -47.41	115.50 4.00 -54.26	66.82 3.75 -10.95	65.08 3.18 -14.40	62.57 2.68 -14.42
NYPA_GOWANUS____GT6 24157	61.41 3.36 -14.37	60.53 3.14 -16.55	60.50 3.04 -16.37	59.70 3.00 -15.60	59.71 3.13 -14.22	61.47 3.27 -11.41	66.48 4.47 0.00	68.86 4.96 -0.30	65.12 4.30 -8.44	65.07 3.99 -18.13	65.00 3.57 -20.35	66.91 3.27 -25.69	67.00 3.17 -26.16	68.07 3.13 -27.67	67.05 3.10 -26.62	65.00 3.29 -21.58	66.37 3.93 -15.63	121.16 4.80 -55.61	115.50 5.24 -40.45	115.50 4.63 -47.41	115.50 4.00 -54.26	66.82 3.75 -10.95	65.08 3.18 -14.40	62.57 2.68 -14.42
NYPA_HARLEM_RVR_GT1 24160	46.48 2.80 -0.01	43.38 2.53 -0.01	43.56 2.46 -0.01	43.54 2.42 -0.01	44.85 2.50 0.00	49.37 2.57 0.00	65.55 3.53 0.00	67.61 4.01 0.00	55.83 3.46 0.01	46.29 3.35 0.01	44.17 3.08 -0.01	40.78 2.81 -0.01	40.40 2.71 -0.01	39.96 2.69 -0.01	39.95 2.61 -0.01	42.91 2.77 -0.01	50.08 3.28 0.00	64.82 4.07 0.00	74.00 4.19 0.00	67.27 3.81 0.00	60.49 3.26 0.00	55.24 3.13 0.00	50.06 2.56 0.00	47.57 2.09 0.00
NYPA_HARLEM_RVR_GT2 24161	46.48 2.80 -0.01	43.38 2.53 -0.01	43.56 2.46 -0.01	43.54 2.42 -0.01	44.85 2.50 0.00	49.37 2.57 0.00	65.55 3.53 0.00	67.61 4.01 0.00	55.83 3.46 0.01	46.29 3.35 0.01	44.17 3.08 -0.01	40.78 2.81 -0.01	40.40 2.71 -0.01	39.96 2.69 -0.01	39.95 2.61 -0.01	42.91 2.77 -0.01	50.08 3.28 0.00	64.82 4.07 0.00	74.00 4.19 0.00	67.27 3.81 0.00	60.49 3.26 0.00	55.24 3.13 0.00	50.06 2.56 0.00	47.57 2.09 0.00
NYPA_KENT____GT 24152	55.15 3.23 -8.24	53.31 2.98 -9.49	53.39 2.92 -9.39	52.93 2.88 -8.95	53.47 2.96 -8.16	56.47 3.14 -6.54	66.29 4.28 0.00	68.54 4.77 -0.17	61.36 4.14 -4.84	57.54 3.87 -10.72	56.98 3.45 -12.45	57.67 3.15 -16.56	57.59 3.05 -16.86	58.12 3.02 -17.83	57.48 2.99 -17.16	55.92 3.13 -12.65	59.51 3.75 -8.96	97.19 4.56 -31.88	97.96 4.96 -23.19	94.68 4.44 -26.78	92.18 3.84 -31.11	61.99 3.59 -6.28	58.75 2.99 -8.25	56.24 2.50 -8.27
NYPA_POUCH1____GT 24155	61.33 3.28 -14.37	60.45 3.06 -16.55	60.42 2.96 -16.37	59.66 2.96 -15.60	59.63 3.05 -14.22	61.34 3.14 -11.41	66.17 4.16 0.00	68.61 4.71 -0.30	64.91 4.09 -8.44	64.86 3.78 -18.13	64.80 3.37 -20.35	66.72 2.98 -25.69	66.81 2.98 -26.16	67.88 2.94 -27.67	66.82 2.87 -26.62	64.80 3.09 -21.58	66.13 3.70 -15.63	120.86 4.50 -55.61	115.15 4.89 -40.45	115.25 4.38 -47.41	115.27 3.78 -54.26	66.61 3.55 -10.95	64.89 2.99 -14.40	62.39 2.50 -14.42
NYPA_VERNON____GT2 24162	48.85 3.06 -2.12	46.13 2.86 -2.44	46.25 2.75 -2.41	46.11 2.71 -2.30	47.28 2.84 -2.09	51.42 2.95 -1.67	66.11 4.09 0.00	68.22 4.58 -0.04	57.55 3.93 -1.24	49.95 3.69 -3.31	48.95 3.33 -4.55	48.46 3.07 -7.42	48.18 2.94 -7.56	48.21 2.94 -8.00	47.90 2.87 -7.69	46.87 3.01 -3.73	52.70 3.60 -2.29	73.29 4.38 -8.16	80.49 4.75 -5.93	74.43 4.19 -6.78	68.80 3.61 -7.96	57.11 3.39 -1.61	52.46 2.85 -2.11	49.95 2.36 -2.12
NYPA_VERNON____GT3 24163	48.85 3.06 -2.12	46.13 2.86 -2.44	46.25 2.75 -2.41	46.11 2.71 -2.30	47.28 2.84 -2.09	51.42 2.95 -1.67	66.11 4.09 0.00	68.22 4.58 -0.04	57.55 3.93 -1.24	49.95 3.69 -3.31	48.95 3.33 -4.55	48.46 3.07 -7.42	48.18 2.94 -7.56	48.21 2.94 -8.00	47.90 2.87 -7.69	46.87 3.01 -3.73	52.70 3.60 -2.29	73.29 4.38 -8.16	80.49 4.75 -5.93	74.43 4.19 -6.78	68.80 3.61 -7.96	57.11 3.39 -1.61	52.46 2.85 -2.11	49.95 2.36 -2.12
NYPA____ASTORIA_CC1 323568	46.74 3.06 -0.01	43.66 2.82 -0.01	43.80 2.71 -0.01	43.83 2.71 -0.01	45.15 2.79 0.00	49.70 2.90 0.00	65.99 3.97 0.00	68.05 4.45 0.00	56.20 3.82 0.00	47.25 3.65 -0.66	45.94 3.29 -1.57	44.68 3.04 -3.68	44.33 2.90 -3.75	44.15 2.91 -3.97	43.98 2.84 -3.82	43.89 2.97 -0.78	50.32 3.51 0.00	65.00 4.25 0.00	74.42 4.61 0.00	67.52 4.06 0.00	60.78 3.55 0.00	55.45 3.34 0.00	50.25 2.75 0.00	47.79 2.32 0.00
NYPA____ASTORIA_CC2 323569	46.74 3.06 -0.01	43.66 2.82 -0.01	43.80 2.71 -0.01	43.83 2.71 -0.01	45.15 2.79 0.00	49.70 2.90 0.00	65.99 3.97 0.00	68.05 4.45 0.00	56.20 3.82 0.00	47.25 3.65 -0.66	45.94 3.29 -1.57	44.68 3.04 -3.68	44.33 2.90 -3.75	44.15 2.91 -3.97	43.98 2.84 -3.82	43.89 2.97 -0.78	50.32 3.51 0.00	65.00 4.25 0.00	74.42 4.61 0.00	67.52 4.06 0.00	60.78 3.55 0.00	55.45 3.34 0.00	50.25 2.75 0.00	47.79 2.32 0.00
NYPA____HOLTSVILL 23794	47.09 3.41 0.00	43.94 3.10 0.00	43.96 2.87 0.00	44.10 3.00 0.00	45.45 3.09 0.00	50.31 3.51 0.00	65.92 3.91 0.00	67.54 3.94 0.00	56.73 4.35 0.00	46.94 3.99 0.00	44.53 3.45 0.00	41.19 3.22 0.00	40.54 2.86 0.00	39.92 2.65 0.00	40.17 2.84 0.00	43.55 3.41 -0.01	50.88 3.84 -0.23	64.58 3.83 0.00	75.05 5.24 0.00	67.39 3.94 0.00	60.61 3.38 0.00	56.30 4.17 -0.01	51.30 3.56 -0.23	48.11 2.64 0.00
NYPA____HELLGATE_GT1 24158	46.48 2.80 -0.01	43.38 2.53 -0.01	43.56 2.46 -0.01	43.54 2.42 -0.01	44.85 2.50 0.00	49.37 2.57 0.00	65.55 3.53 0.00	67.61 4.01 0.00	55.83 3.46 0.01	46.29 3.35 0.01	44.17 3.08 -0.01	40.78 2.81 -0.01	40.40 2.71 -0.01	39.96 2.69 -0.01	39.95 2.61 -0.01	42.91 2.77 -0.01	50.08 3.28 0.00	64.82 4.07 0.00	74.00 4.19 0.00	67.27 3.81 0.00	60.49 3.26 0.00	55.24 3.13 0.00	50.06 2.56 0.00	47.57 2.09 0.00
NYPA____HELLGATE_GT2 24159	46.48 2.80 -0.01	43.38 2.53 -0.01	43.56 2.46 -0.01	43.54 2.42 -0.01	44.85 2.50 0.00	49.37 2.57 0.00	65.55 3.53 0.00	67.61 4.01 0.00	55.83 3.46 0.01	46.29 3.35 0.01	44.17 3.08 -0.01	40.78 2.81 -0.01	40.40 2.71 -0.01	39.96 2.69 -0.01	39.95 2.61 -0.01	42.91 2.77 -0.01	50.08 3.28 0.00	64.82 4.07 0.00	74.00 4.19 0.00	67.27 3.81 0.00	60.49 3.26 0.00	55.24 3.13 0.00	50.06 2.56 0.00	47.57 2.09 0.00
NYS_BARGE____HYD 23848	40.93 -2.75 0.00	38.27 -2.57 0.00	38.29 -2.80 0.00	38.35 -2.75 0.00	39.52 -2.84 0.00	44.03 -2.76 0.00	58.04 -3.97 0.00	58.06 -5.53 0.00	48.19 -4.19 0.00	39.38 -3.56 0.00	37.83 -3.25 0.00	35.04 -2.92 0.00	34.96 -2.71 0.00	34.66 -2.61 0.00	34.64 -2.69 0.00	37.48 -2.65 0.00	43.06 -3.75 0.00	55.22 -5.53 0.00	63.88 -5.93 0.00	58.19 -5.27 0.00	53.00 -4.23 0.00	48.57 -3.55 0.00	44.93 -2.57 0.00	44.15 -1.32 0.00

OAK ORCHARD___HYD 24046	41.97 -1.70 0.00	39.24 -1.59 0.00	39.32 -1.77 0.00	39.34 -1.77 0.00	40.58 -1.78 0.00	45.15 -1.64 0.00	59.72 -2.29 0.00	60.61 -2.99 0.00	50.18 -2.20 0.00	41.02 -1.93 0.00	39.39 -1.69 0.00	36.44 -1.52 0.00	36.32 -1.35 0.00	35.97 -1.31 0.00	35.91 -1.42 0.00	38.81 -1.32 0.00	44.84 -1.96 0.00	57.84 -2.91 0.00	66.67 -3.14 0.00	60.60 -2.85 0.00	54.94 -2.29 0.00	50.14 -1.98 0.00	46.03 -1.47 0.00	44.61 -0.87 0.00
OAKDALE___35_KV_LOAD 356122	43.72 0.04 0.00	40.84 0.00 0.00	41.09 0.00 0.00	41.06 -0.04 0.00	42.31 -0.04 0.00	46.93 0.14 0.00	62.32 0.31 0.00	63.47 -0.13 0.00	52.28 -0.10 0.00	42.78 -0.17 0.00	40.88 -0.21 0.00	37.77 -0.19 0.00	37.60 -0.08 0.00	37.16 -0.11 0.00	37.22 -0.11 0.00	40.05 -0.08 0.00	46.67 -0.14 0.00	60.39 -0.36 0.00	69.67 -0.14 0.00	63.46 0.00 0.00	57.29 0.06 0.00	52.22 0.10 0.00	47.69 0.19 0.00	45.88 0.41 0.00
OCC_CHEM___DRP 24175	40.44 -3.23 0.00	37.77 -3.06 0.00	37.84 -3.25 0.00	37.86 -3.25 0.00	39.01 -3.35 0.00	43.47 -3.32 0.00	57.24 -4.78 0.00	57.24 -6.36 0.00	47.56 -4.82 0.00	38.91 -4.04 0.00	37.38 -3.70 0.00	34.51 -3.45 0.00	34.58 -3.09 0.00	34.21 -3.06 0.00	34.27 -3.06 0.00	36.96 -3.17 0.00	42.36 -4.45 0.00	54.01 -6.74 0.00	62.83 -6.98 0.00	57.30 -6.16 0.00	52.14 -5.09 0.00	47.84 -4.27 0.00	44.32 -3.18 0.00	43.65 -1.82 0.00
OH_GEN_PROXY 24063	40.84 -2.84 0.00	38.22 -2.61 0.00	38.25 -2.83 0.00	38.27 -2.84 0.00	39.47 -2.88 0.00	43.94 -2.86 0.00	57.86 -4.15 0.00	57.94 -5.66 0.00	48.09 -4.29 0.00	39.43 -3.52 0.00	37.83 -3.25 0.00	35.07 -2.89 0.00	35.00 -2.67 0.00	34.66 -2.61 0.00	34.68 -2.65 0.00	37.48 -2.65 0.00	43.02 -3.79 0.00	55.16 -5.59 0.00	63.67 -6.14 0.00	58.00 -5.46 0.00	52.77 -4.46 0.00	48.36 -3.75 0.00	44.74 -2.76 0.00	43.88 -1.59 0.00
OLIN_CORP_DRP 24177	40.44 -3.23 0.00	37.81 -3.02 0.00	37.88 -3.20 0.00	37.90 -3.21 0.00	39.01 -3.35 0.00	43.52 -3.28 0.00	57.24 -4.78 0.00	57.24 -6.36 0.00	47.56 -4.82 0.00	38.91 -4.04 0.00	37.38 -3.70 0.00	34.51 -3.45 0.00	34.58 -3.09 0.00	34.21 -3.06 0.00	34.27 -3.06 0.00	36.96 -3.17 0.00	42.41 -4.40 0.00	54.07 -6.68 0.00	62.90 -6.91 0.00	57.37 -6.09 0.00	52.14 -5.09 0.00	47.84 -4.27 0.00	44.32 -3.18 0.00	43.65 -1.82 0.00
OLIN_CORP_DSASP 323712	40.45 -3.23 0.00	37.82 -3.02 0.00	37.84 -3.25 0.00	37.86 -3.25 0.00	39.05 -3.30 0.00	43.47 -3.32 0.00	57.24 -4.77 0.00	57.24 -6.36 0.00	47.51 -4.87 0.00	38.91 -4.04 0.00	37.38 -3.70 0.00	34.66 -3.30 0.00	34.59 -3.09 0.00	34.29 -2.98 0.00	34.27 -3.06 0.00	37.08 -3.05 0.00	42.50 -4.31 0.00	54.43 -6.32 0.00	62.90 -6.91 0.00	57.30 -6.15 0.00	52.14 -5.09 0.00	47.84 -4.27 0.00	44.32 -3.18 0.00	43.56 -1.91 0.00
ONEIDA_HERK_LFGE 323681	45.17 1.49 0.00	41.98 1.14 0.00	42.19 1.11 0.00	42.34 1.23 0.00	43.62 1.27 0.00	48.48 1.68 0.00	64.31 2.30 0.00	65.82 2.22 0.00	53.90 1.52 0.00	43.76 0.81 0.00	41.78 0.70 0.00	38.49 0.53 0.00	38.27 0.60 0.00	37.87 0.59 0.00	38.00 0.67 0.00	40.94 0.80 0.00	47.93 1.12 0.00	62.52 1.76 0.00	71.90 2.09 0.00	65.36 1.90 0.00	58.89 1.66 0.00	53.63 1.51 0.00	48.78 1.28 0.00	46.65 1.18 0.00
ONEIDA___115KV_TB4 55905	45.03 1.35 0.00	41.94 1.10 0.00	42.15 1.07 0.00	42.26 1.15 0.00	43.54 1.19 0.00	48.43 1.64 0.00	64.31 2.29 0.00	65.76 2.16 0.00	53.95 1.57 0.00	43.89 0.94 0.00	41.94 0.86 0.00	38.64 0.68 0.00	38.47 0.79 0.00	38.05 0.78 0.00	38.19 0.86 0.00	41.10 0.96 0.00	48.07 1.26 0.00	62.57 1.82 0.00	72.26 2.44 0.00	65.68 2.22 0.00	59.24 2.00 0.00	53.89 1.77 0.00	49.02 1.52 0.00	46.93 1.46 0.00
ONONDAGA_REF_OCCRA 23987	43.15 -0.52 0.00	40.35 -0.49 0.00	40.55 -0.53 0.00	40.57 -0.53 0.00	41.76 -0.59 0.00	46.33 -0.47 0.00	61.58 -0.43 0.00	62.96 -0.64 0.00	51.81 -0.58 0.00	42.43 -0.52 0.00	40.67 -0.41 0.00	37.58 -0.38 0.00	37.37 -0.30 0.00	36.97 -0.30 0.00	37.00 -0.34 0.00	39.73 -0.40 0.00	46.29 -0.51 0.00	59.84 -0.91 0.00	69.04 -0.77 0.00	62.76 -0.70 0.00	56.66 -0.57 0.00	51.59 -0.52 0.00	47.02 -0.47 0.00	45.15 -0.32 0.00
ONONDAGA___COGEN 23986	43.37 -0.31 0.00	40.55 -0.29 0.00	40.76 -0.33 0.00	40.78 -0.33 0.00	41.97 -0.38 0.00	46.61 -0.19 0.00	61.89 -0.12 0.00	63.28 -0.32 0.00	52.07 -0.31 0.00	42.65 -0.30 0.00	40.83 -0.25 0.00	37.77 -0.19 0.00	37.56 -0.11 0.00	37.12 -0.15 0.00	37.15 -0.19 0.00	39.93 -0.20 0.00	46.48 -0.33 0.00	59.90 -0.85 0.00	69.11 -0.70 0.00	62.82 -0.63 0.00	56.72 -0.52 0.00	51.65 -0.47 0.00	47.07 -0.43 0.00	45.20 -0.27 0.00
ONTARIO___LFGE 23819	43.33 -0.35 0.00	40.47 -0.37 0.00	40.67 -0.41 0.00	40.65 -0.45 0.00	41.93 -0.42 0.00	46.75 -0.05 0.00	61.95 -0.06 0.00	62.96 -0.64 0.00	51.91 -0.47 0.00	42.26 -0.69 0.00	40.38 -0.70 0.00	37.35 -0.61 0.00	37.15 -0.53 0.00	36.71 -0.56 0.00	36.73 -0.60 0.00	39.61 -0.52 0.00	46.20 -0.61 0.00	59.96 -0.79 0.00	69.18 -0.63 0.00	63.02 -0.44 0.00	57.29 0.06 0.00	52.12 0.00 0.00	47.55 0.05 0.00	45.93 0.45 0.00
ORANGEVILLE_WT_PWR 323706	40.79 -2.88 0.00	38.14 -2.70 0.00	38.29 -2.80 0.00	38.35 -2.75 0.00	39.60 -2.75 0.00	44.08 -2.72 0.00	58.35 -3.66 0.00	58.64 -4.96 0.00	47.93 -4.45 0.00	39.04 -3.91 0.00	37.34 -3.74 0.00	34.47 -3.49 0.00	34.36 -3.32 0.00	34.03 -3.24 0.00	34.08 -3.25 0.00	36.76 -3.37 0.00	42.73 -4.07 0.00	55.34 -5.41 0.00	64.37 -5.45 0.00	59.02 -4.44 0.00	53.80 -3.43 0.00	49.30 -2.82 0.00	45.50 -1.99 0.00	44.43 -1.04 0.00
ORANGEVILLE___ESR 323794	40.79 -2.88 0.00	38.14 -2.70 0.00	38.29 -2.80 0.00	38.35 -2.75 0.00	39.60 -2.75 0.00	44.08 -2.72 0.00	58.35 -3.66 0.00	58.64 -4.96 0.00	47.93 -4.45 0.00	39.04 -3.91 0.00	37.34 -3.74 0.00	34.47 -3.49 0.00	34.36 -3.32 0.00	34.03 -3.24 0.00	34.08 -3.25 0.00	36.76 -3.37 0.00	42.73 -4.07 0.00	55.34 -5.41 0.00	64.37 -5.45 0.00	59.02 -4.44 0.00	53.80 -3.43 0.00	49.30 -2.82 0.00	45.50 -1.99 0.00	44.43 -1.04 0.00
OSWEGATCHIE___HYD 24044	45.97 2.27 -0.02	42.51 1.67 0.00	42.73 1.65 0.00	42.91 1.81 0.00	44.35 1.99 0.00	48.85 2.06 0.00	64.62 2.60 0.00	65.95 2.35 0.00	53.48 1.10 0.00	43.03 0.09 0.00	40.96 -0.12 0.00	37.73 -0.23 0.00	37.52 -0.15 0.00	37.01 -0.26 0.00	37.26 -0.07 0.00	40.21 0.08 0.00	47.28 0.47 0.00	62.09 1.33 0.00	69.81 0.00 0.00	63.65 0.19 0.00	57.29 0.06 0.00	52.12 0.00 0.00	47.74 0.24 0.00	45.56 0.09 0.00
OSWEGO___5 23606	42.32 -1.35 0.00	39.61 -1.22 0.00	39.81 -1.27 0.00	39.83 -1.27 0.00	41.04 -1.31 0.00	45.44 -1.36 0.00	60.21 -1.80 0.00	61.63 -1.97 0.00	50.76 -1.62 0.00	41.62 -1.33 0.00	39.93 -1.15 0.00	36.94 -1.02 0.00	36.69 -0.98 0.00	36.30 -0.97 0.00	36.36 -0.97 0.00	39.13 -1.00 0.00	45.40 -1.40 0.00	58.81 -1.95 0.00	67.65 -2.16 0.00	61.49 -1.97 0.00	55.52 -1.72 0.00	50.60 -1.51 0.00	46.17 -1.33 0.00	44.29 -1.18 0.00

OSWEGO___6 23613	42.32 -1.35 0.00	39.61 -1.22 0.00	39.81 -1.27 0.00	39.83 -1.27 0.00	41.04 -1.31 0.00	45.44 -1.36 0.00	60.21 -1.80 0.00	61.63 -1.97 0.00	50.76 -1.62 0.00	41.62 -1.33 0.00	39.93 -1.15 0.00	36.94 -1.02 0.00	36.69 -0.98 0.00	36.30 -0.97 0.00	36.36 -0.97 0.00	39.13 -1.00 0.00	45.40 -1.40 0.00	58.81 -1.95 0.00	67.65 -2.16 0.00	61.49 -1.97 0.00	55.52 -1.72 0.00	50.60 -1.51 0.00	46.17 -1.33 0.00	44.29 -1.18 0.00
OUTOKUMPU-AB___DRP 24206	41.41 -2.27 0.00	38.67 -2.16 0.00	38.74 -2.34 0.00	38.76 -2.34 0.00	39.94 -2.41 0.00	44.55 -2.25 0.00	58.73 -3.29 0.00	58.76 -4.83 0.00	48.77 -3.61 0.00	39.81 -3.14 0.00	38.29 -2.79 0.00	35.30 -2.66 0.00	35.38 -2.30 0.00	35.03 -2.24 0.00	35.05 -2.28 0.00	37.85 -2.29 0.00	43.44 -3.37 0.00	55.47 -5.29 0.00	64.65 -5.17 0.00	58.95 -4.51 0.00	53.63 -3.61 0.00	49.15 -2.97 0.00	45.50 -1.99 0.00	44.75 -0.73 0.00
OXBOW___BTM 323836	40.84 -2.84 0.00	38.22 -2.61 0.00	38.21 -2.88 0.00	38.23 -2.88 0.00	39.43 -2.92 0.00	43.94 -2.86 0.00	57.86 -4.15 0.00	57.87 -5.72 0.00	48.03 -4.35 0.00	39.30 -3.65 0.00	37.79 -3.29 0.00	34.96 -3.00 0.00	34.93 -2.75 0.00	34.63 -2.65 0.00	34.61 -2.72 0.00	37.44 -2.69 0.00	42.92 -3.88 0.00	55.10 -5.65 0.00	63.67 -6.14 0.00	58.00 -5.46 0.00	52.83 -4.41 0.00	48.42 -3.70 0.00	44.84 -2.66 0.00	44.06 -1.41 0.00
OXBOW____ 24026	40.84 -2.84 0.00	38.18 -2.65 0.00	38.21 -2.88 0.00	38.23 -2.88 0.00	39.39 -2.96 0.00	43.94 -2.85 0.00	57.86 -4.15 0.00	57.87 -5.72 0.00	48.09 -4.30 0.00	39.30 -3.65 0.00	37.75 -3.33 0.00	34.81 -3.15 0.00	34.92 -2.75 0.00	34.55 -2.72 0.00	34.61 -2.73 0.00	37.32 -2.81 0.00	42.83 -3.98 0.00	54.68 -6.08 0.00	63.67 -6.14 0.00	58.06 -5.39 0.00	52.83 -4.41 0.00	48.42 -3.70 0.00	44.84 -2.66 0.00	44.11 -1.36 0.00
OXY_CHEM_DSASP 323612	40.44 -3.23 0.00	37.77 -3.06 0.00	37.84 -3.25 0.00	37.86 -3.25 0.00	39.01 -3.35 0.00	43.47 -3.32 0.00	57.24 -4.78 0.00	57.24 -6.36 0.00	47.56 -4.82 0.00	38.91 -4.04 0.00	37.38 -3.70 0.00	34.51 -3.45 0.00	34.58 -3.09 0.00	34.21 -3.06 0.00	34.27 -3.06 0.00	36.96 -3.17 0.00	42.36 -4.45 0.00	54.01 -6.74 0.00	62.83 -6.98 0.00	57.30 -6.16 0.00	52.14 -5.09 0.00	47.84 -4.27 0.00	44.32 -3.18 0.00	43.65 -1.82 0.00
OZONE_PARK_ESR 323760	46.78 3.10 0.00	43.70 2.86 0.00	43.84 2.75 0.00	43.86 2.75 0.00	45.24 2.88 0.00	49.88 3.09 0.00	66.54 4.53 0.00	68.37 4.77 0.00	56.47 4.09 0.00	46.64 3.69 0.00	44.49 3.41 0.00	41.11 3.15 0.00	40.69 3.01 0.00	40.29 3.02 0.00	40.24 2.91 0.00	43.34 3.21 0.00	50.50 3.70 0.00	65.43 4.68 0.00	74.84 5.03 0.00	67.90 4.44 0.00	61.12 3.89 0.00	55.71 3.60 0.00	50.49 2.99 0.00	47.88 2.41 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	40.44 -3.23 0.00	37.77 -3.06 0.00	37.84 -3.25 0.00	37.86 -3.25 0.00	39.01 -3.35 0.00	43.47 -3.32 0.00	57.24 -4.78 0.00	57.24 -6.36 0.00	47.56 -4.82 0.00	38.91 -4.04 0.00	37.38 -3.70 0.00	34.51 -3.45 0.00	34.58 -3.09 0.00	34.21 -3.06 0.00	34.27 -3.06 0.00	36.96 -3.17 0.00	42.36 -4.45 0.00	54.01 -6.74 0.00	62.83 -6.98 0.00	57.30 -6.16 0.00	52.14 -5.09 0.00	47.84 -4.27 0.00	44.32 -3.18 0.00	43.65 -1.82 0.00
PACKARD__115KV_DUPONT_184 80571	40.44 -3.23 0.00	37.77 -3.06 0.00	37.84 -3.25 0.00	37.86 -3.25 0.00	39.01 -3.35 0.00	43.47 -3.32 0.00	57.24 -4.78 0.00	57.24 -6.36 0.00	47.56 -4.82 0.00	38.91 -4.04 0.00	37.38 -3.70 0.00	34.51 -3.45 0.00	34.58 -3.09 0.00	34.21 -3.06 0.00	34.27 -3.06 0.00	36.96 -3.17 0.00	42.36 -4.45 0.00	54.01 -6.74 0.00	62.83 -6.98 0.00	57.30 -6.16 0.00	52.14 -5.09 0.00	47.84 -4.27 0.00	44.32 -3.18 0.00	43.65 -1.82 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	46.65 2.97 -0.01	43.54 2.70 -0.01	43.72 2.63 -0.01	43.70 2.59 -0.01	45.07 2.71 0.00	49.55 2.76 0.00	65.80 3.78 0.00	67.86 4.26 0.00	56.00 3.61 0.00	46.33 3.39 0.01	44.21 3.12 -0.01	40.89 2.92 -0.01	40.43 2.75 -0.01	40.04 2.76 -0.01	40.03 2.69 -0.01	43.11 2.97 -0.01	50.27 3.46 0.00	65.07 4.31 0.00	74.28 4.47 0.00	67.46 4.00 0.00	60.67 3.43 0.00	55.40 3.28 0.00	50.21 2.71 0.00	47.70 2.23 0.00
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	46.87 3.19 -0.01	43.79 2.94 -0.01	43.93 2.83 -0.01	43.95 2.84 -0.01	45.32 2.96 0.00	49.84 3.04 0.00	66.17 4.15 0.00	68.11 4.52 0.00	56.21 3.82 0.00	46.50 3.56 0.01	44.33 3.25 -0.01	41.08 3.11 -0.01	40.51 2.83 -0.01	40.07 2.80 -0.01	40.07 2.73 -0.01	43.15 3.01 -0.01	50.32 3.51 0.00	65.19 4.43 0.00	74.42 4.61 0.00	67.65 4.19 0.00	60.84 3.61 0.00	55.56 3.44 0.00	50.35 2.85 0.00	47.88 2.41 0.00
PATROON__115KV_TB1 80586	46.25 2.58 0.00	43.33 2.49 0.00	43.55 2.47 0.00	43.57 2.47 0.00	44.90 2.54 0.00	49.55 2.76 0.00	65.67 3.66 0.00	67.29 3.69 0.00	55.32 2.93 0.00	45.40 2.45 0.00	43.42 2.34 0.00	39.90 1.94 0.00	39.56 1.88 0.00	39.13 1.86 0.00	39.20 1.87 0.00	42.30 2.17 0.00	49.47 2.67 0.00	63.79 3.04 0.00	73.09 3.28 0.00	66.25 2.79 0.00	59.81 2.58 0.00	54.51 2.40 0.00	49.59 2.09 0.00	47.52 2.05 0.00
PATTRSNVILLE___SOLAR 323815	45.51 1.83 0.00	42.59 1.75 0.00	42.81 1.73 0.00	42.87 1.77 0.00	44.18 1.82 0.00	48.80 2.01 0.00	64.87 2.85 0.00	66.33 2.73 0.00	54.37 1.99 0.00	44.41 1.46 0.00	42.27 1.19 0.00	38.91 0.95 0.00	38.58 0.90 0.00	38.16 0.89 0.00	38.27 0.93 0.00	41.26 1.12 0.00	48.54 1.73 0.00	63.49 2.74 0.00	72.88 3.07 0.00	66.19 2.73 0.00	59.75 2.52 0.00	54.41 2.29 0.00	49.45 1.95 0.00	47.34 1.87 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	42.63 -1.05 0.00	39.86 -0.98 0.00	39.93 -1.15 0.00	39.91 -1.19 0.00	41.13 -1.23 0.00	45.86 -0.94 0.00	60.65 -1.36 0.00	60.48 -3.12 0.00	50.13 -2.25 0.00	40.89 -2.06 0.00	39.23 -1.85 0.00	36.14 -1.82 0.00	36.20 -1.47 0.00	35.85 -1.42 0.00	35.88 -1.46 0.00	38.77 -1.36 0.00	44.61 -2.20 0.00	57.11 -3.65 0.00	66.53 -3.28 0.00	60.79 -2.67 0.00	55.23 -2.00 0.00	50.55 -1.56 0.00	46.74 -0.76 0.00	46.06 0.59 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	46.52 2.84 0.00	43.53 2.70 0.00	43.71 2.63 0.00	43.74 2.63 0.00	45.15 2.80 0.00	49.84 3.04 0.00	66.42 4.40 0.00	67.99 4.39 0.00	56.00 3.61 0.00	45.95 3.01 0.00	43.83 2.75 0.00	40.43 2.47 0.00	40.09 2.41 0.00	39.66 2.39 0.00	39.68 2.35 0.00	42.78 2.65 0.00	49.99 3.18 0.00	64.88 4.13 0.00	74.35 4.54 0.00	67.46 4.00 0.00	60.84 3.61 0.00	55.40 3.28 0.00	50.30 2.80 0.00	47.84 2.36 0.00
PEEKSKILL____ 23653	46.21 2.53 0.00	43.20 2.37 0.00	43.38 2.30 0.00	43.41 2.30 0.00	44.73 2.37 0.00	49.37 2.57 0.00	65.67 3.66 0.00	67.41 3.82 0.00	55.68 3.30 0.00	45.91 2.96 0.00	43.71 2.63 0.00	40.35 2.39 0.00	40.01 2.34 0.00	39.58 2.31 0.00	39.61 2.28 0.00	42.54 2.41 0.00	49.71 2.90 0.00	64.34 3.58 0.00	73.79 3.98 0.00	67.01 3.55 0.00	60.38 3.15 0.00	55.03 2.92 0.00	49.92 2.42 0.00	47.47 2.00 0.00

PGE MADISON___WINDPWR 24146	46.51 2.84 0.00	43.12 2.29 0.00	43.26 2.18 0.00	43.49 2.38 0.00	44.85 2.50 0.00	50.49 3.70 0.00	67.41 5.39 0.00	68.69 5.09 0.00	55.99 3.61 0.00	45.01 2.06 0.00	42.73 1.64 0.00	39.29 1.33 0.00	39.29 1.62 0.00	38.76 1.49 0.00	39.05 1.72 0.00	42.34 2.21 0.00	49.85 3.04 0.00	65.49 4.74 0.00	76.51 6.70 0.00	69.55 6.09 0.00	62.61 5.38 0.00	56.91 4.79 0.00	51.68 4.18 0.00	49.65 4.18 0.00
PIERCEFIELD___HYD 23852	46.68 2.97 -0.03	43.12 2.29 0.00	43.39 2.30 0.00	43.57 2.47 0.00	45.02 2.67 0.00	49.27 2.48 0.00	64.93 2.91 0.00	66.14 2.54 0.00	53.59 1.20 0.00	43.03 0.09 0.00	40.92 -0.16 0.00	37.66 -0.30 0.00	37.41 -0.26 0.00	36.94 -0.34 0.00	37.18 -0.15 0.00	40.13 0.00 0.00	47.32 0.51 0.00	62.39 1.64 0.00	68.76 -1.05 0.00	62.76 -0.70 0.00	56.49 -0.74 0.00	51.39 -0.73 0.00	47.26 -0.24 0.00	45.06 -0.41 0.00
PINELAWN_CC_1 323563	47.21 3.54 0.00	44.06 3.23 0.00	44.08 3.00 0.00	44.23 3.12 0.00	45.66 3.31 0.00	50.54 3.74 0.00	66.42 4.40 0.00	68.05 4.45 0.00	56.94 4.55 0.00	46.94 3.99 0.00	44.61 3.53 0.00	41.23 3.27 0.00	40.58 2.90 0.00	40.07 2.80 0.00	40.28 2.95 0.00	43.63 3.49 -0.01	51.11 3.84 -0.46	65.13 4.38 0.00	75.33 5.51 0.00	67.90 4.44 0.00	61.07 3.84 0.00	56.41 4.27 -0.02	51.32 3.37 -0.45	48.39 2.91 0.00
PJM_GEN_HTP_PROXY 323702	46.43 2.75 0.00	43.37 2.53 0.00	43.55 2.46 0.00	43.53 2.42 0.00	44.90 2.54 0.00	49.51 2.71 0.00	65.99 3.97 0.00	67.86 4.26 0.00	56.05 3.67 0.00	46.38 3.44 0.00	44.16 3.08 0.00	40.77 2.81 0.00	40.39 2.71 0.00	39.96 2.69 0.00	39.94 2.61 0.00	42.82 2.69 0.00	50.03 3.23 0.00	64.70 3.95 0.00	74.14 4.33 0.00	67.27 3.81 0.00	60.55 3.32 0.00	55.24 3.13 0.00	50.06 2.56 0.00	47.52 2.05 0.00
PJM_GEN_KEystone 24065	43.94 0.26 0.00	41.08 0.25 0.00	41.21 0.12 0.00	41.23 0.12 0.00	42.48 0.13 0.00	47.03 0.24 0.00	62.39 0.37 0.00	63.47 -0.13 0.00	52.43 0.05 0.00	43.12 0.17 0.00	41.12 0.04 0.00	38.00 0.04 0.00	37.75 0.08 0.00	37.35 0.07 0.00	37.37 0.04 0.00	40.21 0.08 0.00	46.81 0.00 0.00	60.45 -0.30 0.00	69.53 -0.28 0.00	63.27 -0.19 0.00	57.18 -0.06 0.00	52.17 0.05 0.00	47.69 0.19 0.00	45.88 0.41 0.00
PJM_GEN_NEPTUNE_PROXY 323594	46.60 2.93 0.00	43.53 2.69 0.00	43.59 2.51 0.00	43.70 2.59 0.00	45.07 2.71 0.00	49.83 3.04 0.00	65.80 3.78 0.00	67.48 3.88 0.00	56.20 3.82 0.00	46.38 3.44 0.00	44.12 3.04 0.00	40.77 2.81 0.00	40.24 2.56 0.00	39.77 2.50 0.00	39.91 2.57 0.00	43.07 2.93 -0.01	50.38 3.51 -0.06	64.52 3.77 0.00	74.42 4.61 0.00	67.20 3.74 0.00	60.49 3.26 0.00	55.62 3.49 -0.01	50.51 2.95 -0.06	47.75 2.27 0.00
PJM_GEN_VFT_PROXY 323633	46.21 2.53 0.00	43.16 2.33 0.00	43.30 2.22 0.00	43.32 2.22 0.00	44.68 2.33 0.00	49.27 2.48 0.00	65.61 3.60 0.00	67.54 3.94 0.00	52.81 3.36 2.93	46.17 3.22 0.00	44.00 2.92 0.00	40.62 2.66 0.00	40.24 2.56 0.00	39.81 2.54 0.00	39.80 2.46 0.00	42.66 2.53 0.00	49.81 3.00 0.00	57.89 3.64 6.51	64.20 3.91 9.52	61.91 3.42 4.97	56.52 2.97 3.68	54.98 2.86 0.00	49.78 2.28 0.00	47.29 1.82 0.00
PLATSBURG_115KV_PMLD1 355749	41.13 -2.53 0.01	38.35 -2.49 0.00	38.70 -2.38 0.00	38.80 -2.30 0.00	40.11 -2.24 0.00	44.17 -2.62 0.00	58.79 -3.22 0.00	60.48 -3.12 0.00	49.55 -2.83 0.00	40.33 -2.62 0.00	38.49 -2.59 0.00	35.68 -2.28 0.00	35.30 -2.37 0.00	34.89 -2.39 0.00	35.02 -2.31 0.00	37.69 -2.45 0.00	44.23 -2.57 0.00	58.14 -2.61 0.00	67.23 -2.58 0.00	61.49 -1.97 0.00	55.11 -2.12 0.00	49.72 -2.40 0.00	45.36 -2.14 0.00	43.34 -2.14 0.00
PLEASANTVLY___LBMP 24000	45.90 2.23 0.00	42.92 2.08 0.00	43.14 2.05 0.00	43.12 2.01 0.00	44.52 2.16 0.00	49.04 2.25 0.00	65.18 3.16 0.00	66.91 3.31 0.00	55.21 2.83 0.00	45.40 2.45 0.00	43.38 2.30 0.00	40.05 2.09 0.00	39.67 2.00 0.00	39.28 2.01 0.00	39.31 1.98 0.00	42.34 2.21 0.00	49.38 2.57 0.00	63.97 3.22 0.00	73.16 3.35 0.00	66.38 2.92 0.00	59.81 2.58 0.00	54.57 2.45 0.00	49.54 2.04 0.00	47.16 1.68 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	46.25 2.58 0.00	43.25 2.41 0.00	43.43 2.34 0.00	43.41 2.30 0.00	44.81 2.46 0.00	49.41 2.62 0.00	65.73 3.72 0.00	67.54 3.94 0.00	55.73 3.35 0.00	45.91 2.96 0.00	43.83 2.75 0.00	40.50 2.54 0.00	40.09 2.41 0.00	39.66 2.39 0.00	39.68 2.35 0.00	42.74 2.61 0.00	49.85 3.04 0.00	64.58 3.83 0.00	73.93 4.12 0.00	67.08 3.62 0.00	60.38 3.15 0.00	55.09 2.97 0.00	49.97 2.47 0.00	47.47 2.00 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	46.25 2.58 0.00	43.25 2.41 0.00	43.43 2.34 0.00	43.41 2.30 0.00	44.81 2.46 0.00	49.41 2.62 0.00	65.73 3.72 0.00	67.54 3.94 0.00	55.73 3.35 0.00	45.91 2.96 0.00	43.83 2.75 0.00	40.50 2.54 0.00	40.09 2.41 0.00	39.66 2.39 0.00	39.68 2.35 0.00	42.74 2.61 0.00	49.85 3.04 0.00	64.58 3.83 0.00	73.93 4.12 0.00	67.08 3.62 0.00	60.38 3.15 0.00	55.09 2.97 0.00	49.97 2.47 0.00	47.47 2.00 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	46.21 2.53 0.00	43.21 2.37 0.00	43.43 2.34 0.00	43.41 2.30 0.00	44.77 2.41 0.00	49.37 2.57 0.00	65.67 3.66 0.00	67.35 3.75 0.00	55.42 3.04 0.00	45.52 2.58 0.00	43.42 2.34 0.00	40.09 2.13 0.00	39.71 2.03 0.00	39.32 2.05 0.00	39.39 2.05 0.00	42.42 2.29 0.00	49.57 2.76 0.00	64.34 3.58 0.00	73.65 3.84 0.00	66.82 3.36 0.00	60.27 3.03 0.00	54.88 2.76 0.00	49.87 2.37 0.00	47.47 2.00 0.00
POLETTI___ 23519	46.47 2.80 0.00	43.45 2.61 0.00	43.59 2.51 0.00	43.61 2.51 0.00	44.98 2.63 0.00	49.60 2.81 0.00	66.04 4.03 0.00	67.92 4.32 0.00	56.05 3.67 0.00	46.34 3.39 0.00	44.24 3.16 0.00	40.88 2.92 0.00	40.46 2.79 0.00	40.03 2.76 0.00	40.02 2.69 0.00	43.10 2.97 0.00	50.18 3.37 0.00	64.94 4.19 0.00	74.21 4.40 0.00	67.39 3.93 0.00	60.61 3.38 0.00	55.29 3.18 0.00	50.11 2.61 0.00	47.56 2.09 0.00
POMONA___ESR 323819	45.99 2.31 0.00	43.00 2.16 0.00	43.18 2.09 0.00	43.16 2.05 0.00	44.51 2.16 0.00	49.09 2.29 0.00	65.30 3.28 0.00	67.09 3.50 0.00	55.37 2.98 0.00	45.65 2.71 0.00	43.46 2.38 0.00	40.12 2.16 0.00	39.74 2.07 0.00	39.36 2.09 0.00	39.38 2.05 0.00	42.30 2.17 0.00	49.47 2.67 0.00	64.03 3.28 0.00	73.37 3.56 0.00	66.63 3.17 0.00	60.04 2.80 0.00	54.72 2.60 0.00	49.68 2.19 0.00	47.20 1.73 0.00
PORT_JEFF_3 23555	47.21 3.54 0.00	44.11 3.27 0.00	44.08 3.00 0.00	44.23 3.12 0.00	45.62 3.26 0.00	50.49 3.70 0.00	66.11 4.09 0.00	67.79 4.20 0.00	56.94 4.55 0.00	47.11 4.16 0.00	44.65 3.57 0.00	41.30 3.34 0.00	40.65 2.98 0.00	40.03 2.76 0.00	40.28 2.95 0.00	43.71 3.57 -0.01	51.03 3.98 -0.25	64.89 4.13 0.00	75.40 5.59 0.00	67.71 4.25 0.00	60.84 3.61 0.00	56.51 4.38 -0.02	51.40 3.66 -0.24	48.29 2.82 0.00

PORT_JEFF_4 23616	47.21 3.54 0.00	44.11 3.27 0.00	44.08 3.00 0.00	44.23 3.12 0.00	45.62 3.26 0.00	50.49 3.70 0.00	66.11 4.09 0.00	67.79 4.20 0.00	56.94 4.55 0.00	47.11 4.16 0.00	44.65 3.57 0.00	41.30 3.34 0.00	40.65 2.98 0.00	40.03 2.76 0.00	40.28 2.95 0.00	43.71 3.57 -0.01	51.03 3.98 -0.25	64.89 4.13 0.00	75.40 5.59 0.00	67.71 4.25 0.00	60.84 3.61 0.00	56.51 4.38 -0.02	51.40 3.66 -0.24	48.29 2.82 0.00
PORT_JEFF_IC 23713	47.26 3.58 0.00	44.23 3.39 0.00	44.21 3.12 0.00	44.27 3.17 0.00	45.91 3.56 0.00	50.54 3.74 0.00	66.17 4.15 0.00	68.11 4.52 0.00	56.94 4.56 0.00	47.03 4.08 0.00	44.74 3.66 0.00	41.45 3.49 0.00	40.69 3.01 0.00	40.18 2.91 0.00	40.32 2.99 0.00	43.91 3.77 0.00	51.10 4.03 -0.26	65.67 4.92 0.00	75.47 5.65 0.00	67.77 4.32 0.00	60.78 3.55 0.00	56.45 4.33 -0.01	51.41 3.66 -0.25	48.25 2.77 0.00
PPL_PILGRIM_ST_GT1 24216	47.69 4.02 0.00	44.51 3.68 0.00	44.54 3.45 0.00	44.68 3.57 0.00	46.12 3.77 0.00	51.10 4.30 0.00	67.22 5.21 0.00	68.81 5.22 0.00	57.52 5.14 0.00	47.41 4.47 0.00	44.99 3.90 0.00	41.57 3.61 0.00	40.91 3.24 0.00	40.40 3.13 0.00	40.62 3.29 0.00	44.03 3.89 -0.01	51.14 4.03 -0.30	65.79 5.04 0.00	76.23 6.42 0.00	68.66 5.20 0.00	61.70 4.47 0.00	57.14 5.00 -0.02	51.36 3.56 -0.30	48.84 3.36 0.00
PPL_PILGRIM_ST_GT2 24217	47.69 4.02 0.00	44.51 3.68 0.00	44.54 3.45 0.00	44.68 3.57 0.00	46.12 3.77 0.00	51.10 4.30 0.00	67.22 5.21 0.00	68.81 5.22 0.00	57.52 5.14 0.00	47.41 4.47 0.00	44.99 3.90 0.00	41.57 3.61 0.00	40.91 3.24 0.00	40.40 3.13 0.00	40.62 3.29 0.00	44.03 3.89 -0.01	51.14 4.03 -0.30	65.79 5.04 0.00	76.23 6.42 0.00	68.66 5.20 0.00	61.70 4.47 0.00	57.14 5.00 -0.02	51.36 3.56 -0.30	48.84 3.36 0.00
PPL_SHRM_GT3 24213	46.95 3.28 0.00	43.82 2.98 0.00	43.84 2.75 0.00	43.98 2.88 0.00	45.24 2.88 0.00	50.02 3.23 0.00	65.36 3.35 0.00	67.09 3.50 0.00	56.57 4.19 0.00	47.03 4.08 0.00	44.53 3.45 0.00	41.19 3.22 0.00	40.54 2.86 0.00	39.81 2.54 0.00	40.06 2.72 0.00	43.47 3.33 -0.01	50.57 3.51 -0.25	63.97 3.22 0.00	74.70 4.89 0.00	66.88 3.42 0.00	60.09 2.86 0.00	56.09 3.96 -0.02	51.12 3.37 -0.25	47.84 2.36 0.00
PPL_SHRM_GT4 24214	46.95 3.28 0.00	43.82 2.98 0.00	43.84 2.75 0.00	43.98 2.88 0.00	45.24 2.88 0.00	50.02 3.23 0.00	65.36 3.35 0.00	67.09 3.50 0.00	56.57 4.19 0.00	47.03 4.08 0.00	44.53 3.45 0.00	41.19 3.22 0.00	40.54 2.86 0.00	39.81 2.54 0.00	40.06 2.72 0.00	43.47 3.33 -0.01	50.57 3.51 -0.25	63.97 3.22 0.00	74.70 4.89 0.00	66.88 3.42 0.00	60.09 2.86 0.00	56.09 3.96 -0.02	51.12 3.37 -0.25	47.84 2.36 0.00
PROJECT___ORANGE 1 24174	42.94 -0.74 0.00	40.18 -0.65 0.00	40.39 -0.70 0.00	40.37 -0.74 0.00	41.55 -0.80 0.00	46.14 -0.66 0.00	61.27 -0.74 0.00	62.64 -0.95 0.00	51.60 -0.79 0.00	42.30 -0.64 0.00	40.55 -0.53 0.00	37.47 -0.49 0.00	37.26 -0.41 0.00	36.86 -0.41 0.00	36.88 -0.45 0.00	39.61 -0.52 0.00	46.10 -0.70 0.00	59.54 -1.22 0.00	68.69 -1.12 0.00	62.44 -1.02 0.00	56.37 -0.86 0.00	51.33 -0.78 0.00	46.79 -0.71 0.00	44.93 -0.55 0.00
PROJECT___ORANGE 2 24166	42.94 -0.74 0.00	40.18 -0.65 0.00	40.39 -0.70 0.00	40.37 -0.74 0.00	41.55 -0.80 0.00	46.14 -0.66 0.00	61.27 -0.74 0.00	62.64 -0.95 0.00	51.60 -0.79 0.00	42.30 -0.64 0.00	40.55 -0.53 0.00	37.47 -0.49 0.00	37.26 -0.41 0.00	36.86 -0.41 0.00	36.88 -0.45 0.00	39.61 -0.52 0.00	46.10 -0.70 0.00	59.54 -1.22 0.00	68.69 -1.12 0.00	62.44 -1.02 0.00	56.37 -0.86 0.00	51.33 -0.78 0.00	46.79 -0.71 0.00	44.93 -0.55 0.00
PUCKETT___SOLAR 323809	44.60 0.92 0.00	41.61 0.77 0.00	41.83 0.74 0.00	41.85 0.74 0.00	43.16 0.80 0.00	48.01 1.21 0.00	63.87 1.86 0.00	65.06 1.46 0.00	53.37 0.99 0.00	43.50 0.56 0.00	41.45 0.37 0.00	38.26 0.30 0.00	38.05 0.38 0.00	37.64 0.37 0.00	37.74 0.41 0.00	40.69 0.56 0.00	47.60 0.79 0.00	61.90 1.15 0.00	71.56 1.75 0.00	65.11 1.65 0.00	58.78 1.55 0.00	53.47 1.35 0.00	48.73 1.23 0.00	46.88 1.41 0.00
PYRITES___HYD 24023	47.86 4.15 -0.03	44.06 3.23 0.00	44.33 3.25 0.00	44.60 3.49 0.00	46.08 3.73 0.00	50.68 3.88 0.00	66.85 4.84 0.00	67.86 4.26 0.00	54.63 2.25 0.00	43.63 0.69 0.00	41.41 0.33 0.00	38.07 0.11 0.00	37.82 0.15 0.00	37.31 0.04 0.00	37.63 0.30 0.00	40.66 0.52 0.00	48.16 1.36 0.00	63.73 2.98 0.00	70.44 0.63 0.00	64.35 0.89 0.00	57.86 0.63 0.00	52.53 0.42 0.00	48.21 0.71 0.00	45.97 0.50 0.00
QUAKERRD_115KV_BK1 80622	41.27 -2.40 0.00	38.59 -2.25 0.00	38.74 -2.34 0.00	38.76 -2.34 0.00	39.90 -2.46 0.00	44.45 -2.34 0.00	58.79 -3.22 0.00	59.85 -3.75 0.00	49.55 -2.83 0.00	40.50 -2.45 0.00	38.86 -2.22 0.00	35.87 -2.09 0.00	35.79 -1.88 0.00	35.41 -1.86 0.00	35.39 -1.94 0.00	38.13 -2.01 0.00	44.19 -2.62 0.00	56.86 -3.89 0.00	65.83 -3.98 0.00	59.84 -3.62 0.00	54.20 -3.03 0.00	49.41 -2.71 0.00	45.27 -2.23 0.00	43.84 -1.64 0.00
QUEENSBRY_115KV_TB8 356137	47.83 4.15 0.00	44.92 4.08 0.00	45.07 3.99 0.00	45.17 4.07 0.00	46.51 4.15 0.00	51.61 4.82 0.00	68.71 6.70 0.00	70.28 6.68 0.00	57.25 4.87 0.00	46.77 3.82 0.00	44.53 3.45 0.00	40.66 2.70 0.00	40.27 2.60 0.00	39.77 2.50 0.00	39.95 2.61 0.00	43.34 3.21 0.00	51.11 4.31 0.00	66.22 5.47 0.00	76.16 6.35 0.00	68.85 5.39 0.00	62.27 5.04 0.00	56.60 4.48 0.00	51.35 3.85 0.00	49.29 3.82 0.00
RAMAPO___LBMP 323565	45.77 2.10 0.00	42.80 1.96 0.00	42.98 1.89 0.00	43.00 1.89 0.00	44.35 1.99 0.00	48.90 2.11 0.00	64.99 2.98 0.00	66.78 3.18 0.00	55.05 2.67 0.00	45.35 2.41 0.00	43.26 2.18 0.00	39.97 2.01 0.00	39.60 1.92 0.00	39.17 1.90 0.00	39.20 1.87 0.00	42.22 2.09 0.00	49.29 2.48 0.00	63.79 3.04 0.00	73.02 3.21 0.00	66.31 2.86 0.00	59.75 2.52 0.00	54.46 2.35 0.00	49.45 1.95 0.00	46.97 1.50 0.00
RANKINE____ 23646	42.06 -1.62 0.00	39.29 -1.55 0.00	39.36 -1.73 0.00	39.38 -1.73 0.00	40.53 -1.82 0.00	45.20 -1.59 0.00	59.72 -2.29 0.00	59.72 -3.88 0.00	49.55 -2.83 0.00	40.41 -2.53 0.00	38.82 -2.26 0.00	35.80 -2.16 0.00	35.87 -1.81 0.00	35.48 -1.79 0.00	35.54 -1.79 0.00	38.37 -1.77 0.00	44.05 -2.76 0.00	56.38 -4.37 0.00	65.69 -4.12 0.00	59.97 -3.49 0.00	54.54 -2.69 0.00	49.98 -2.14 0.00	46.22 -1.28 0.00	45.52 0.05 0.00
RAVENSWOOD_GT2_1 24244	46.47 2.80 0.00	43.45 2.61 0.00	43.88 2.79 0.00	43.61 2.51 0.00	44.98 2.63 0.00	49.60 2.81 0.00	66.04 4.03 0.00	67.86 4.26 0.00	56.05 3.67 0.00	46.30 3.35 0.00	44.20 3.12 0.00	40.85 2.89 0.00	40.42 2.75 0.00	39.99 2.72 0.00	39.98 2.65 0.00	43.06 2.93 0.00	50.18 3.37 0.00	65.43 4.68 0.00	74.21 4.40 0.00	67.39 3.93 0.00	60.61 3.38 0.00	55.29 3.18 0.00	50.11 2.61 0.00	47.56 2.09 0.00

RAVENSWOOD_GT2_2 24245	46.47 2.80 0.00	43.45 2.61 0.00	43.88 2.79 0.00	43.61 2.51 0.00	44.98 2.63 0.00	49.60 2.81 0.00	66.04 4.03 0.00	67.86 4.26 0.00	56.05 3.67 0.00	46.30 3.35 0.00	44.20 3.12 0.00	40.85 2.89 0.00	40.42 2.75 0.00	39.99 2.72 0.00	39.98 2.65 0.00	43.06 2.93 0.00	50.18 3.37 0.00	65.43 4.68 0.00	74.21 4.40 0.00	67.39 3.93 0.00	60.61 3.38 0.00	55.29 3.18 0.00	50.11 2.61 0.00	47.56 2.09 0.00
RAVENSWOOD_GT2_3 24246	46.52 2.84 0.00	43.45 2.61 0.00	43.63 2.55 0.00	43.61 2.51 0.00	45.02 2.67 0.00	49.60 2.81 0.00	66.04 4.03 0.00	67.92 4.32 0.00	56.10 3.72 0.00	46.34 3.39 0.00	44.20 3.12 0.00	40.85 2.89 0.00	40.42 2.75 0.00	40.03 2.76 0.00	40.02 2.69 0.00	43.10 2.97 0.00	50.18 3.37 0.00	64.94 4.19 0.00	74.28 4.47 0.00	67.39 3.93 0.00	60.67 3.43 0.00	55.29 3.18 0.00	50.16 2.66 0.00	47.61 2.14 0.00
RAVENSWOOD_GT2_4 24247	46.52 2.84 0.00	43.45 2.61 0.00	43.63 2.55 0.00	43.61 2.51 0.00	45.02 2.67 0.00	49.60 2.81 0.00	66.04 4.03 0.00	67.92 4.32 0.00	56.10 3.72 0.00	46.34 3.39 0.00	44.20 3.12 0.00	40.85 2.89 0.00	40.42 2.75 0.00	40.03 2.76 0.00	40.02 2.69 0.00	43.10 2.97 0.00	50.18 3.37 0.00	64.94 4.19 0.00	74.28 4.47 0.00	67.39 3.93 0.00	60.67 3.43 0.00	55.29 3.18 0.00	50.16 2.66 0.00	47.61 2.14 0.00
RAVENSWOOD_GT3_1 24248	46.47 2.80 0.00	43.45 2.61 0.00	43.59 2.51 0.00	43.61 2.51 0.00	44.98 2.63 0.00	49.60 2.81 0.00	66.04 4.03 0.00	67.92 4.32 0.00	56.05 3.67 0.00	46.30 3.35 0.00	44.20 3.12 0.00	40.85 2.89 0.00	40.42 2.75 0.00	40.03 2.76 0.00	39.98 2.65 0.00	43.06 2.93 0.00	50.18 3.37 0.00	64.94 4.19 0.00	74.21 4.40 0.00	67.39 3.93 0.00	60.61 3.38 0.00	55.29 3.18 0.00	50.11 2.61 0.00	47.61 2.14 0.00
RAVENSWOOD_GT3_2 24249	46.47 2.80 0.00	43.45 2.61 0.00	43.59 2.51 0.00	43.61 2.51 0.00	44.98 2.63 0.00	49.60 2.81 0.00	66.04 4.03 0.00	67.92 4.32 0.00	56.05 3.67 0.00	46.30 3.35 0.00	44.20 3.12 0.00	40.85 2.89 0.00	40.42 2.75 0.00	40.03 2.76 0.00	39.98 2.65 0.00	43.06 2.93 0.00	50.18 3.37 0.00	64.94 4.19 0.00	74.21 4.40 0.00	67.39 3.93 0.00	60.61 3.38 0.00	55.29 3.18 0.00	50.11 2.61 0.00	47.61 2.14 0.00
RAVENSWOOD_GT3_3 24250	46.52 2.84 0.00	43.49 2.65 0.00	43.63 2.55 0.00	43.65 2.55 0.00	45.02 2.67 0.00	49.65 2.85 0.00	66.11 4.09 0.00	67.99 4.39 0.00	56.15 3.77 0.00	46.38 3.44 0.00	44.24 3.16 0.00	40.88 2.92 0.00	40.46 2.79 0.00	40.07 2.80 0.00	40.06 2.73 0.00	43.14 3.01 0.00	50.22 3.42 0.00	65.00 4.25 0.00	74.35 4.54 0.00	67.46 4.00 0.00	60.72 3.49 0.00	55.35 3.23 0.00	50.21 2.71 0.00	47.66 2.18 0.00
RAVENSWOOD_GT3_4 24251	46.52 2.84 0.00	43.49 2.65 0.00	43.63 2.55 0.00	43.65 2.55 0.00	45.02 2.67 0.00	49.65 2.85 0.00	66.11 4.09 0.00	67.99 4.39 0.00	56.15 3.77 0.00	46.38 3.44 0.00	44.24 3.16 0.00	40.88 2.92 0.00	40.46 2.79 0.00	40.07 2.80 0.00	40.06 2.73 0.00	43.14 3.01 0.00	50.22 3.42 0.00	65.00 4.25 0.00	74.35 4.54 0.00	67.46 4.00 0.00	60.72 3.49 0.00	55.35 3.23 0.00	50.21 2.71 0.00	47.66 2.18 0.00
RAVENSWOOD_GT_1 23729	48.85 3.06 -2.12	46.13 2.86 -2.44	46.25 2.75 -2.41	46.16 2.75 -2.30	47.32 2.88 -2.09	51.42 2.95 -1.67	66.11 4.09 0.00	68.22 4.58 -0.04	57.50 3.88 -1.24	49.87 3.61 -3.31	48.95 3.33 -4.55	48.46 3.07 -7.42	48.17 2.94 -7.56	48.21 2.94 -8.00	47.90 2.87 -7.69	47.03 3.17 -3.73	52.70 3.60 -2.29	73.41 4.50 -8.16	80.49 4.75 -5.93	74.43 4.19 -6.78	68.81 3.61 -7.98	57.11 3.39 -1.61	52.46 2.85 -2.11	49.91 2.32 -2.12
RAVENSWOOD_GT_10 24258	46.47 2.80 0.00	43.45 2.61 0.00	43.59 2.51 0.00	43.61 2.51 0.00	44.98 2.63 0.00	49.60 2.81 0.00	66.04 4.03 0.00	67.86 4.26 0.00	56.05 3.67 0.00	46.23 3.35 0.07	44.04 3.12 0.16	40.47 2.89 0.37	40.05 2.75 0.38	39.59 2.72 0.40	39.60 2.65 0.38	43.14 2.93 -0.08	50.13 3.32 0.00	64.94 4.19 0.00	74.21 4.40 0.00	67.33 3.87 0.00	60.61 3.38 0.00	55.29 3.18 0.00	50.11 2.61 0.00	47.56 2.09 0.00
RAVENSWOOD_GT_11 24259	46.47 2.80 0.00	43.45 2.61 0.00	43.59 2.51 0.00	43.61 2.51 0.00	44.98 2.63 0.00	49.60 2.81 0.00	66.04 4.03 0.00	67.86 4.26 0.00	56.05 3.67 0.00	46.23 3.35 0.07	44.04 3.12 0.16	40.47 2.89 0.37	40.05 2.75 0.38	39.59 2.72 0.40	39.60 2.65 0.38	43.14 2.93 -0.08	50.13 3.32 0.00	64.94 4.19 0.00	74.21 4.40 0.00	67.33 3.87 0.00	60.61 3.38 0.00	55.29 3.18 0.00	50.11 2.61 0.00	47.56 2.09 0.00
RAVENSWOOD_GT_4 24252	48.03 2.75 -1.60	45.25 2.57 -1.84	45.37 2.47 -1.82	45.31 2.47 -1.74	46.53 2.58 -1.59	50.83 2.76 -1.27	66.04 4.03 0.00	67.89 4.26 -0.03	56.94 3.61 -0.94	47.77 3.31 -1.51	45.21 3.08 -1.05	40.81 2.85 -0.01	40.39 2.71 -0.01	39.96 2.68 -0.01	39.95 2.61 -0.01	45.86 2.89 -2.84	51.88 3.32 -1.75	71.10 4.13 -6.21	78.73 4.40 -4.52	72.49 3.87 -5.16	66.57 3.38 -5.96	56.47 3.13 -1.22	51.72 2.61 -1.61	49.17 2.09 -1.61
RAVENSWOOD_GT_5 24254	48.03 2.75 -1.60	45.25 2.57 -1.84	45.37 2.47 -1.82	45.31 2.47 -1.74	46.53 2.58 -1.59	50.83 2.76 -1.27	66.04 4.03 0.00	67.89 4.26 -0.03	56.94 3.61 -0.94	47.77 3.31 -1.51	45.21 3.08 -1.05	40.81 2.85 -0.01	40.39 2.71 -0.01	39.96 2.68 -0.01	39.95 2.61 -0.01	45.86 2.89 -2.84	51.88 3.32 -1.75	71.10 4.13 -6.21	78.73 4.40 -4.52	72.49 3.87 -5.16	66.57 3.38 -5.96	56.47 3.13 -1.22	51.72 2.61 -1.61	49.17 2.09 -1.61
RAVENSWOOD_GT_6 24253	48.03 2.75 -1.60	45.25 2.57 -1.84	45.37 2.47 -1.82	45.31 2.47 -1.74	46.53 2.58 -1.59	50.83 2.76 -1.27	66.04 4.03 0.00	67.89 4.26 -0.03	56.94 3.61 -0.94	47.77 3.31 -1.51	45.21 3.08 -1.05	40.81 2.85 -0.01	40.39 2.71 -0.01	39.96 2.68 -0.01	39.95 2.61 -0.01	45.86 2.89 -2.84	51.88 3.32 -1.75	71.10 4.13 -6.21	78.73 4.40 -4.52	72.49 3.87 -5.16	66.57 3.38 -5.96	56.47 3.13 -1.22	51.72 2.61 -1.61	49.17 2.09 -1.61
RAVENSWOOD_GT_7 24255	48.03 2.75 -1.60	45.25 2.57 -1.84	45.37 2.47 -1.82	45.31 2.47 -1.74	46.53 2.58 -1.59	50.83 2.76 -1.27	66.04 4.03 0.00	67.89 4.26 -0.03	56.94 3.61 -0.94	47.77 3.31 -1.51	45.21 3.08 -1.05	40.81 2.85 -0.01	40.39 2.71 -0.01	39.96 2.68 -0.01	39.95 2.61 -0.01	45.86 2.89 -2.84	51.88 3.32 -1.75	71.10 4.13 -6.21	78.73 4.40 -4.52	72.49 3.87 -5.16	66.57 3.38 -5.96	56.47 3.13 -1.22	51.72 2.61 -1.61	49.17 2.09 -1.61
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	46.47 2.80 0.00	43.45 2.61 0.00	43.59 2.51 0.00	43.61 2.51 0.00	44.98 2.63 0.00	49.60 2.81 0.00	66.04 4.03 0.00	67.86 4.26 0.00	56.05 3.67 0.00	46.23 3.35 0.07	44.04 3.12 0.16	40.47 2.89 0.37	40.05 2.75 0.38	39.59 2.72 0.40	39.60 2.65 0.38	43.14 2.93 -0.08	50.13 3.32 0.00	64.94 4.19 0.00	74.21 4.40 0.00	67.33 3.87 0.00	60.61 3.38 0.00	55.29 3.18 0.00	50.11 2.61 0.00	47.56 2.09 0.00

RAVENSWOOD_GT_9 24257	46.47 2.80 0.00	43.45 2.61 0.00	43.59 2.51 0.00	43.61 2.51 0.00	44.98 2.63 0.00	49.60 2.81 0.00	66.04 4.03 0.00	67.86 4.26 0.00	56.05 3.67 0.00	46.23 3.35 0.07	44.04 3.12 0.16	40.47 2.89 0.37	40.05 2.75 0.38	39.59 2.72 0.40	39.60 2.65 0.38	43.14 2.93 -0.08	50.13 3.32 0.00	64.94 4.19 0.00	74.21 4.40 0.00	67.33 3.87 0.00	60.61 3.38 0.00	55.29 3.18 0.00	50.11 2.61 0.00	47.56 2.09 0.00
RAVENSWOOD___1 23533	46.74 3.06 -0.01	43.66 2.82 -0.01	43.85 2.75 -0.01	43.83 2.71 -0.01	45.15 2.79 0.00	49.74 2.95 0.00	66.11 4.09 0.00	68.11 4.52 0.00	56.31 3.93 0.00	47.30 3.69 -0.66	45.98 3.33 -1.57	44.69 3.04 -3.69	44.37 2.94 -3.76	44.15 2.91 -3.97	43.99 2.84 -3.82	43.89 2.97 -0.78	50.36 3.56 0.00	65.07 4.31 0.00	74.49 4.68 0.00	67.65 4.19 0.00	60.84 3.61 0.00	55.50 3.39 0.00	50.30 2.80 0.00	47.79 2.32 0.00
RAVENSWOOD___2 23534	46.70 3.01 -0.01	43.66 2.82 -0.01	43.80 2.71 -0.01	43.83 2.71 -0.01	45.15 2.79 0.00	49.74 2.95 0.00	66.04 4.03 0.00	68.11 4.52 0.00	56.26 3.88 0.00	47.30 3.69 -0.66	45.97 3.33 -1.57	44.67 3.04 -3.67	44.36 2.94 -3.74	44.14 2.91 -3.96	43.97 2.84 -3.81	43.89 2.97 -0.79	50.36 3.56 0.00	65.07 4.31 0.00	74.49 4.68 0.00	67.58 4.12 0.00	60.84 3.61 0.00	55.50 3.39 0.00	50.30 2.80 0.00	47.79 2.32 0.00
RAVENSWOOD___3 23535	46.47 2.80 0.00	43.45 2.62 0.00	43.59 2.51 0.00	43.61 2.51 0.00	44.94 2.58 0.00	49.60 2.81 0.00	66.04 4.03 0.00	67.93 4.33 0.00	56.10 3.72 0.00	46.42 3.48 0.00	44.20 3.12 0.00	40.81 2.85 0.00	40.42 2.75 0.00	39.99 2.72 0.00	39.98 2.65 0.00	42.90 2.77 0.00	50.13 3.32 0.00	64.82 4.07 0.00	74.21 4.40 0.00	67.39 3.94 0.00	60.67 3.43 0.00	55.30 3.18 0.00	50.16 2.66 0.00	47.61 2.14 0.00
RAVENSWOOD___4 23820	44.62 3.01 2.07	41.27 2.82 2.38	41.44 2.71 2.36	41.53 2.67 2.25	43.10 2.79 2.05	48.05 2.90 1.65	66.04 4.03 0.00	68.07 4.52 0.04	55.04 3.88 1.22	44.68 3.69 1.96	43.01 3.29 1.36	40.99 3.04 0.01	40.57 2.90 0.01	40.17 2.91 0.01	40.16 2.84 0.01	40.99 2.97 2.11	48.10 3.56 2.26	57.03 4.31 8.03	68.65 4.68 5.84	60.90 4.12 6.68	53.00 3.61 7.84	53.92 3.39 1.58	48.22 2.80 2.08	45.71 2.32 2.08
RCPL_TRUST___DRP 24196	46.47 2.80 0.00	43.41 2.57 0.00	43.55 2.47 0.00	43.57 2.47 0.00	44.98 2.63 0.00	49.55 2.76 0.00	66.17 4.15 0.00	67.92 4.32 0.00	56.10 3.72 0.00	46.34 3.39 0.00	44.20 3.12 0.00	40.88 2.92 0.00	40.42 2.75 0.00	40.03 2.76 0.00	39.98 2.65 0.00	43.06 2.93 0.00	50.13 3.32 0.00	64.88 4.13 0.00	74.21 4.40 0.00	67.33 3.87 0.00	60.61 3.38 0.00	55.29 3.18 0.00	50.11 2.61 0.00	47.56 2.09 0.00
RED___ROCHESTER 323720	42.24 -1.44 0.00	39.45 -1.39 0.00	39.57 -1.52 0.00	39.59 -1.52 0.00	40.79 -1.57 0.00	45.44 -1.36 0.00	60.09 -1.92 0.00	61.05 -2.55 0.00	50.60 -1.78 0.00	41.27 -1.68 0.00	39.64 -1.44 0.00	36.71 -1.25 0.00	36.58 -1.09 0.00	36.23 -1.04 0.00	36.17 -1.16 0.00	39.09 -1.04 0.00	45.22 -1.59 0.00	58.26 -2.49 0.00	67.23 -2.58 0.00	61.11 -2.35 0.00	55.40 -1.83 0.00	50.55 -1.56 0.00	46.36 -1.14 0.00	44.93 -0.54 0.00
REGAN___SOLAR 323812	46.78 3.10 0.00	43.86 3.02 0.00	44.00 2.92 0.00	44.15 3.04 0.00	45.53 3.18 0.00	50.49 3.70 0.00	67.28 5.27 0.00	68.69 5.09 0.00	55.74 3.36 0.00	45.31 2.36 0.00	42.93 1.85 0.00	39.40 1.44 0.00	39.03 1.35 0.00	38.57 1.30 0.00	38.71 1.38 0.00	41.94 1.81 0.00	49.81 3.00 0.00	65.67 4.92 0.00	75.74 5.93 0.00	68.66 5.20 0.00	62.04 4.81 0.00	56.39 4.27 0.00	51.16 3.66 0.00	49.02 3.55 0.00
RENSSELAER___COGEN 23796	45.69 2.01 0.00	42.76 1.92 0.00	43.02 1.93 0.00	43.04 1.93 0.00	44.35 1.99 0.00	48.95 2.15 0.00	64.81 2.79 0.00	66.39 2.80 0.00	54.63 2.25 0.00	44.88 1.93 0.00	42.81 1.73 0.00	39.40 1.44 0.00	39.11 1.43 0.00	38.69 1.42 0.00	38.75 1.42 0.00	41.66 1.52 0.00	48.77 1.97 0.00	63.42 2.67 0.00	72.67 2.86 0.00	66.00 2.54 0.00	59.52 2.29 0.00	54.25 2.14 0.00	49.35 1.85 0.00	47.29 1.82 0.00
REPUBLIC_115KV_BARTNBRK 55605	49.53 5.85 0.00	46.59 5.76 0.00	46.71 5.63 0.00	46.86 5.75 0.00	48.24 5.89 0.00	53.63 6.83 0.00	71.56 9.55 0.00	73.07 9.48 0.00	59.14 6.76 0.00	48.19 5.24 0.00	45.80 4.72 0.00	41.45 3.49 0.00	41.03 3.35 0.00	40.40 3.13 0.00	40.65 3.32 0.00	44.27 4.13 0.00	52.42 5.62 0.00	68.47 7.72 0.00	79.10 9.28 0.00	71.45 8.00 0.00	64.67 7.44 0.00	58.68 6.57 0.00	53.20 5.70 0.00	51.20 5.73 0.00
REVERE_CPPR_DRP 24186	45.60 1.92 0.00	42.39 1.55 0.00	42.61 1.52 0.00	42.71 1.60 0.00	44.01 1.65 0.00	49.04 2.25 0.00	65.11 3.10 0.00	66.59 2.99 0.00	54.58 2.20 0.00	44.24 1.29 0.00	42.27 1.19 0.00	38.91 0.95 0.00	38.77 1.09 0.00	38.31 1.04 0.00	38.45 1.12 0.00	41.46 1.32 0.00	48.54 1.73 0.00	63.36 2.61 0.00	73.16 3.35 0.00	66.44 2.98 0.00	59.87 2.63 0.00	54.46 2.35 0.00	49.49 1.99 0.00	47.38 1.91 0.00
REYNOLDS_115KV_TB3 80639	45.77 2.10 0.00	42.84 2.00 0.00	43.10 2.01 0.00	43.12 2.01 0.00	44.43 2.08 0.00	48.99 2.20 0.00	64.87 2.85 0.00	66.40 2.80 0.00	54.74 2.36 0.00	44.97 2.02 0.00	42.97 1.89 0.00	39.52 1.56 0.00	39.18 1.51 0.00	38.80 1.53 0.00	38.83 1.49 0.00	41.86 1.73 0.00	48.87 2.06 0.00	63.43 2.67 0.00	72.53 2.72 0.00	65.81 2.35 0.00	59.41 2.17 0.00	54.15 2.03 0.00	49.26 1.76 0.00	47.25 1.77 0.00
RIVERBAY____ 323610	46.87 3.19 -0.01	43.79 2.94 -0.01	43.93 2.83 -0.01	43.95 2.84 -0.01	45.32 2.96 0.00	49.84 3.04 0.00	66.17 4.15 0.00	68.11 4.52 0.00	56.21 3.82 0.00	46.50 3.56 0.01	44.33 3.25 -0.01	41.08 3.11 -0.01	40.51 2.83 -0.01	40.07 2.80 -0.01	40.07 2.73 -0.01	43.15 3.01 -0.01	50.32 3.51 0.00	65.19 4.43 0.00	74.42 4.61 0.00	67.65 4.19 0.00	60.84 3.61 0.00	55.56 3.44 0.00	50.35 2.85 0.00	47.88 2.41 0.00
RIVERSDE_115KV_TB3 55908	45.82 2.14 0.00	42.88 2.04 0.00	43.14 2.05 0.00	43.16 2.06 0.00	44.47 2.12 0.00	49.09 2.29 0.00	64.99 2.98 0.00	66.52 2.93 0.00	54.79 2.41 0.00	44.97 2.02 0.00	43.01 1.93 0.00	39.56 1.59 0.00	39.22 1.54 0.00	38.84 1.57 0.00	38.86 1.53 0.00	41.90 1.77 0.00	48.96 2.15 0.00	63.55 2.79 0.00	72.74 2.93 0.00	66.00 2.54 0.00	59.58 2.35 0.00	54.30 2.19 0.00	49.40 1.90 0.00	47.34 1.86 0.00
ROARING___BROOK_WT_PWR 323790	42.50 -1.18 0.00	39.69 -1.14 0.00	39.93 -1.15 0.00	39.95 -1.15 0.00	41.21 -1.14 0.00	45.48 -1.31 0.00	60.28 -1.74 0.00	61.88 -1.71 0.00	50.92 -1.47 0.00	41.70 -1.25 0.00	39.85 -1.23 0.00	36.86 -1.10 0.00	36.54 -1.13 0.00	36.15 -1.12 0.00	36.25 -1.08 0.00	38.97 -1.17 0.00	45.50 -1.31 0.00	59.24 -1.52 0.00	68.07 -1.74 0.00	61.94 -1.52 0.00	55.80 -1.43 0.00	50.76 -1.36 0.00	46.31 -1.19 0.00	44.29 -1.18 0.00

ROCHESRG_115KV_T4 355643	41.80 -1.88 0.00	39.08 -1.76 0.00	39.20 -1.89 0.00	39.21 -1.89 0.00	40.41 -1.95 0.00	45.02 -1.78 0.00	59.47 -2.54 0.00	60.35 -3.24 0.00	50.02 -2.36 0.00	40.89 -2.06 0.00	39.23 -1.85 0.00	36.25 -1.71 0.00	36.17 -1.51 0.00	35.78 -1.49 0.00	35.80 -1.53 0.00	38.53 -1.61 0.00	44.61 -2.20 0.00	57.29 -3.46 0.00	66.39 -3.42 0.00	60.35 -3.11 0.00	54.71 -2.52 0.00	49.98 -2.14 0.00	45.84 -1.66 0.00	44.52 -0.95 0.00
ROCHESTER_9_IC 23652	42.02 -1.66 0.00	39.29 -1.55 0.00	39.40 -1.68 0.00	39.42 -1.69 0.00	40.58 -1.78 0.00	45.25 -1.54 0.00	59.84 -2.17 0.00	60.74 -2.86 0.00	50.34 -2.04 0.00	41.10 -1.85 0.00	39.44 -1.64 0.00	36.44 -1.52 0.00	36.39 -1.28 0.00	36.00 -1.27 0.00	35.99 -1.34 0.00	38.77 -1.36 0.00	44.89 -1.92 0.00	57.65 -3.10 0.00	66.81 -3.00 0.00	60.79 -2.67 0.00	55.11 -2.12 0.00	50.24 -1.88 0.00	46.12 -1.38 0.00	44.75 -0.73 0.00
ROCKVIEW_13_KV_LD 356306	46.43 2.75 0.00	43.45 2.61 0.00	43.59 2.51 0.00	43.61 2.51 0.00	44.98 2.63 0.00	49.60 2.81 0.00	66.04 4.03 0.00	67.86 4.26 0.00	56.05 3.67 0.00	46.17 3.22 0.00	44.08 3.00 0.00	40.73 2.77 0.00	40.31 2.64 0.00	39.92 2.65 0.00	39.91 2.58 0.00	43.02 2.89 0.00	50.13 3.32 0.00	64.94 4.19 0.00	74.35 4.54 0.00	67.46 4.00 0.00	60.72 3.49 0.00	55.35 3.23 0.00	50.21 2.71 0.00	47.66 2.18 0.00
ROME____115KV_TB2 80656	45.60 1.92 0.00	42.39 1.55 0.00	42.61 1.52 0.00	42.71 1.60 0.00	44.01 1.65 0.00	49.04 2.25 0.00	65.11 3.10 0.00	66.59 2.99 0.00	54.58 2.20 0.00	44.24 1.29 0.00	42.27 1.19 0.00	38.91 0.95 0.00	38.77 1.09 0.00	38.31 1.04 0.00	38.45 1.12 0.00	41.46 1.32 0.00	48.54 1.73 0.00	63.36 2.61 0.00	73.16 3.35 0.00	66.44 2.98 0.00	59.87 2.63 0.00	54.46 2.35 0.00	49.49 1.99 0.00	47.38 1.91 0.00
ROSETON___1 23587	45.82 2.14 0.00	42.84 2.00 0.00	43.02 1.93 0.00	43.04 1.93 0.00	44.39 2.03 0.00	48.95 2.15 0.00	65.05 3.04 0.00	66.78 3.18 0.00	55.10 2.72 0.00	45.44 2.49 0.00	43.26 2.18 0.00	39.97 2.01 0.00	39.59 1.92 0.00	39.17 1.90 0.00	39.20 1.87 0.00	42.10 1.97 0.00	49.24 2.43 0.00	63.73 2.98 0.00	73.02 3.21 0.00	66.32 2.86 0.00	59.75 2.52 0.00	54.46 2.35 0.00	49.49 1.99 0.00	47.11 1.63 0.00
ROSETON___2 23588	45.82 2.14 0.00	42.84 2.00 0.00	43.02 1.93 0.00	43.04 1.93 0.00	44.39 2.03 0.00	48.95 2.15 0.00	65.05 3.04 0.00	66.78 3.18 0.00	55.10 2.72 0.00	45.44 2.49 0.00	43.26 2.18 0.00	39.97 2.01 0.00	39.59 1.92 0.00	39.17 1.90 0.00	39.20 1.87 0.00	42.10 1.97 0.00	49.24 2.43 0.00	63.73 2.98 0.00	73.02 3.21 0.00	66.32 2.86 0.00	59.75 2.52 0.00	54.46 2.35 0.00	49.49 1.99 0.00	47.11 1.63 0.00
ROTRRDAM_115KV_TB3 80664	45.21 1.53 0.00	42.31 1.47 0.00	42.56 1.48 0.00	42.59 1.48 0.00	43.88 1.52 0.00	48.43 1.64 0.00	64.31 2.29 0.00	65.82 2.23 0.00	54.11 1.73 0.00	44.36 1.42 0.00	42.35 1.27 0.00	39.06 1.10 0.00	38.73 1.05 0.00	38.31 1.04 0.00	38.38 1.05 0.00	41.34 1.20 0.00	48.40 1.59 0.00	63.00 2.25 0.00	72.26 2.44 0.00	65.62 2.16 0.00	59.18 1.95 0.00	53.94 1.82 0.00	49.07 1.57 0.00	46.97 1.50 0.00
RUSSELL___1 23602	42.24 -1.44 0.00	39.45 -1.39 0.00	39.56 -1.52 0.00	39.58 -1.52 0.00	40.75 -1.61 0.00	45.44 -1.36 0.00	60.09 -1.92 0.00	61.05 -2.54 0.00	50.60 -1.78 0.00	41.32 -1.63 0.00	39.64 -1.44 0.00	36.63 -1.33 0.00	36.58 -1.09 0.00	36.19 -1.08 0.00	36.17 -1.16 0.00	38.97 -1.16 0.00	45.12 -1.69 0.00	58.02 -2.73 0.00	67.23 -2.58 0.00	61.11 -2.35 0.00	55.40 -1.83 0.00	50.55 -1.56 0.00	46.36 -1.14 0.00	44.97 -0.50 0.00
RUSSELL___2 23532	42.24 -1.44 0.00	39.45 -1.39 0.00	39.56 -1.52 0.00	39.58 -1.52 0.00	40.75 -1.61 0.00	45.44 -1.36 0.00	60.09 -1.92 0.00	61.05 -2.54 0.00	50.60 -1.78 0.00	41.32 -1.63 0.00	39.64 -1.44 0.00	36.63 -1.33 0.00	36.58 -1.09 0.00	36.19 -1.08 0.00	36.17 -1.16 0.00	38.97 -1.16 0.00	45.12 -1.69 0.00	58.02 -2.73 0.00	67.23 -2.58 0.00	61.11 -2.35 0.00	55.40 -1.83 0.00	50.55 -1.56 0.00	46.36 -1.14 0.00	44.97 -0.50 0.00
RUSSELL___3 23549	42.24 -1.44 0.00	39.45 -1.39 0.00	39.56 -1.52 0.00	39.58 -1.52 0.00	40.75 -1.61 0.00	45.44 -1.36 0.00	60.09 -1.92 0.00	61.05 -2.54 0.00	50.60 -1.78 0.00	41.32 -1.63 0.00	39.64 -1.44 0.00	36.63 -1.33 0.00	36.58 -1.09 0.00	36.19 -1.08 0.00	36.17 -1.16 0.00	38.97 -1.16 0.00	45.12 -1.69 0.00	58.02 -2.73 0.00	67.23 -2.58 0.00	61.11 -2.35 0.00	55.40 -1.83 0.00	50.55 -1.56 0.00	46.36 -1.14 0.00	44.97 -0.50 0.00
RUSSELL___4 23556	42.24 -1.44 0.00	39.45 -1.39 0.00	39.56 -1.52 0.00	39.58 -1.52 0.00	40.75 -1.61 0.00	45.44 -1.36 0.00	60.09 -1.92 0.00	61.05 -2.54 0.00	50.60 -1.78 0.00	41.32 -1.63 0.00	39.64 -1.44 0.00	36.63 -1.33 0.00	36.58 -1.09 0.00	36.19 -1.08 0.00	36.17 -1.16 0.00	38.97 -1.16 0.00	45.12 -1.69 0.00	58.02 -2.73 0.00	67.23 -2.58 0.00	61.11 -2.35 0.00	55.40 -1.83 0.00	50.55 -1.56 0.00	46.36 -1.14 0.00	44.97 -0.50 0.00
RUSSELL___STATION 23914	42.24 -1.44 0.00	39.45 -1.39 0.00	39.56 -1.52 0.00	39.58 -1.52 0.00	40.75 -1.61 0.00	45.44 -1.36 0.00	60.09 -1.92 0.00	61.05 -2.54 0.00	50.60 -1.78 0.00	41.32 -1.63 0.00	39.64 -1.44 0.00	36.63 -1.33 0.00	36.58 -1.09 0.00	36.19 -1.08 0.00	36.17 -1.16 0.00	38.97 -1.16 0.00	45.12 -1.69 0.00	58.02 -2.73 0.00	67.23 -2.58 0.00	61.11 -2.35 0.00	55.40 -1.83 0.00	50.55 -1.56 0.00	46.36 -1.14 0.00	44.97 -0.50 0.00
S SALMON___HYD 24043	43.90 0.22 0.00	40.88 0.04 0.00	41.09 0.00 0.00	41.15 0.04 0.00	42.40 0.04 0.00	47.21 0.42 0.00	62.76 0.75 0.00	64.05 0.45 0.00	52.38 0.00 0.00	42.60 -0.35 0.00	40.80 -0.29 0.00	37.66 -0.31 0.00	37.45 -0.22 0.00	37.01 -0.26 0.00	37.07 -0.26 0.00	40.01 -0.12 0.00	46.67 -0.14 0.00	59.78 -0.97 0.00	68.98 -0.83 0.00	62.76 -0.70 0.00	56.66 -0.57 0.00	51.65 -0.47 0.00	47.12 -0.38 0.00	45.16 -0.32 0.00
S.PERRY__115KV_TB1 80734	42.98 -0.70 0.00	40.10 -0.74 0.00	40.26 -0.82 0.00	40.28 -0.82 0.00	41.51 -0.85 0.00	46.47 -0.33 0.00	61.64 -0.37 0.00	62.26 -1.34 0.00	50.97 -1.41 0.00	41.27 -1.67 0.00	39.36 -1.73 0.00	36.29 -1.67 0.00	36.20 -1.47 0.00	35.78 -1.49 0.00	35.76 -1.57 0.00	38.65 -1.48 0.00	45.17 -1.64 0.00	58.50 -2.25 0.00	68.69 -1.12 0.00	62.89 -0.57 0.00	57.23 0.00 0.00	52.12 0.00 0.00	47.74 0.24 0.00	46.34 0.86 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	41.45 -2.23 0.00	38.71 -2.12 0.00	38.78 -2.30 0.00	38.80 -2.30 0.00	39.98 -2.37 0.00	44.55 -2.25 0.00	58.79 -3.22 0.00	58.76 -4.83 0.00	48.82 -3.56 0.00	39.90 -3.05 0.00	38.33 -2.75 0.00	35.34 -2.62 0.00	35.41 -2.26 0.00	35.03 -2.24 0.00	35.09 -2.24 0.00	37.89 -2.25 0.00	43.48 -3.32 0.00	55.53 -5.22 0.00	64.65 -5.17 0.00	59.02 -4.44 0.00	53.68 -3.55 0.00	49.20 -2.92 0.00	45.50 -1.99 0.00	44.79 -0.68 0.00

SAWYER___23_KV_LOAD 55526	41.45 -2.23 0.00	38.71 -2.12 0.00	38.78 -2.30 0.00	38.80 -2.30 0.00	39.98 -2.37 0.00	44.55 -2.25 0.00	58.79 -3.22 0.00	58.76 -4.83 0.00	48.82 -3.56 0.00	39.90 -3.05 0.00	38.33 -2.75 0.00	35.34 -2.62 0.00	35.41 -2.26 0.00	35.03 -2.24 0.00	35.09 -2.24 0.00	37.89 -2.25 0.00	43.48 -3.32 0.00	55.53 -5.22 0.00	64.65 -5.17 0.00	59.02 -4.44 0.00	53.68 -3.55 0.00	49.20 -2.92 0.00	45.50 -1.99 0.00	44.79 -0.68 0.00
SELKIRK___I 23801	45.60 1.92 0.00	42.68 1.84 0.00	42.98 1.89 0.00	43.00 1.89 0.00	44.30 1.95 0.00	48.85 2.06 0.00	64.68 2.66 0.00	66.14 2.55 0.00	54.32 1.94 0.00	44.54 1.59 0.00	42.52 1.44 0.00	39.18 1.21 0.00	38.84 1.17 0.00	38.43 1.16 0.00	38.53 1.19 0.00	41.42 1.28 0.00	48.54 1.73 0.00	63.24 2.49 0.00	72.53 2.72 0.00	65.87 2.41 0.00	59.46 2.23 0.00	54.20 2.09 0.00	49.35 1.85 0.00	47.29 1.82 0.00
SELKIRK___II 23799	45.43 1.75 0.00	42.51 1.67 0.00	42.77 1.69 0.00	42.79 1.69 0.00	44.09 1.74 0.00	48.62 1.82 0.00	64.43 2.42 0.00	66.01 2.42 0.00	54.32 1.94 0.00	44.62 1.67 0.00	42.56 1.48 0.00	39.25 1.29 0.00	38.92 1.24 0.00	38.54 1.27 0.00	38.60 1.27 0.00	41.46 1.32 0.00	48.49 1.68 0.00	63.06 2.31 0.00	72.25 2.44 0.00	65.62 2.16 0.00	59.23 2.00 0.00	53.99 1.87 0.00	49.11 1.62 0.00	47.02 1.55 0.00
SENECA OSWGO___HYD 24041	43.50 -0.17 0.00	40.67 -0.16 0.00	40.88 -0.20 0.00	40.86 -0.25 0.00	42.10 -0.25 0.00	46.79 0.00 0.00	62.26 0.25 0.00	63.60 0.00 0.00	52.23 -0.16 0.00	42.60 -0.35 0.00	40.88 -0.20 0.00	37.81 -0.15 0.00	37.56 -0.11 0.00	37.16 -0.11 0.00	37.15 -0.19 0.00	40.05 -0.08 0.00	46.62 -0.19 0.00	58.93 -1.82 0.00	67.86 -1.95 0.00	61.75 -1.71 0.00	55.74 -1.49 0.00	50.76 -1.36 0.00	46.26 -1.24 0.00	44.38 -1.09 0.00
SENECA___115KV_TB3 355854	42.10 -1.57 0.00	39.33 -1.51 0.00	39.40 -1.68 0.00	39.42 -1.69 0.00	40.62 -1.74 0.00	45.30 -1.50 0.00	59.84 -2.17 0.00	59.78 -3.82 0.00	49.61 -2.78 0.00	40.46 -2.49 0.00	38.90 -2.18 0.00	35.84 -2.13 0.00	35.90 -1.77 0.00	35.56 -1.71 0.00	35.61 -1.72 0.00	38.41 -1.73 0.00	44.14 -2.67 0.00	56.44 -4.31 0.00	65.76 -4.05 0.00	60.10 -3.36 0.00	54.66 -2.58 0.00	50.03 -2.08 0.00	46.31 -1.19 0.00	45.61 0.14 0.00
SENECA___ENERGY 23797	42.93 -0.74 0.00	40.14 -0.69 0.00	40.30 -0.78 0.00	40.32 -0.78 0.00	41.59 -0.76 0.00	46.28 -0.51 0.00	61.45 -0.56 0.00	62.58 -1.02 0.00	51.60 -0.78 0.00	42.04 -0.90 0.00	40.30 -0.78 0.00	37.24 -0.72 0.00	37.03 -0.64 0.00	36.60 -0.67 0.00	36.62 -0.71 0.00	39.45 -0.68 0.00	45.87 -0.94 0.00	59.47 -1.28 0.00	68.56 -1.25 0.00	62.44 -1.02 0.00	56.60 -0.63 0.00	51.49 -0.62 0.00	46.93 -0.57 0.00	45.20 -0.27 0.00
SHOEMAKER___GT 23640	45.55 1.88 0.00	42.59 1.75 0.00	42.77 1.69 0.00	42.79 1.69 0.00	44.09 1.74 0.00	48.67 1.87 0.00	64.68 2.66 0.00	66.33 2.73 0.00	54.63 2.25 0.00	44.97 2.02 0.00	42.81 1.73 0.00	39.52 1.56 0.00	39.18 1.51 0.00	38.76 1.49 0.00	38.83 1.49 0.00	41.70 1.56 0.00	48.82 2.01 0.00	63.24 2.49 0.00	72.61 2.80 0.00	65.93 2.47 0.00	59.41 2.17 0.00	54.15 2.03 0.00	49.21 1.71 0.00	46.88 1.41 0.00
SHOEMAKR_138KV_BK 111 55601	45.51 1.83 0.00	42.55 1.72 0.00	42.77 1.68 0.00	42.75 1.64 0.00	44.09 1.74 0.00	48.67 1.87 0.00	64.68 2.67 0.00	66.27 2.67 0.00	54.58 2.20 0.00	44.88 1.93 0.00	42.81 1.73 0.00	39.56 1.59 0.00	39.22 1.54 0.00	38.80 1.53 0.00	38.86 1.53 0.00	41.82 1.69 0.00	48.87 2.06 0.00	63.30 2.55 0.00	72.60 2.79 0.00	65.93 2.47 0.00	59.41 2.17 0.00	54.15 2.03 0.00	49.21 1.71 0.00	46.88 1.41 0.00
SHOREHAM_IC_1 23715	46.95 3.28 0.00	43.82 2.98 0.00	43.84 2.75 0.00	43.98 2.88 0.00	45.24 2.88 0.00	50.02 3.23 0.00	65.36 3.35 0.00	67.09 3.50 0.00	56.57 4.19 0.00	47.03 4.08 0.00	44.53 3.45 0.00	41.19 3.22 0.00	40.54 2.86 0.00	39.81 2.54 0.00	40.06 2.72 0.00	43.47 3.33 -0.01	50.57 3.51 -0.25	63.97 3.22 0.00	74.70 4.89 0.00	66.88 3.42 0.00	60.09 2.86 0.00	56.09 3.96 -0.02	51.12 3.37 -0.25	47.84 2.36 0.00
SHOREHAM_IC_2 23716	46.95 3.28 0.00	43.82 2.98 0.00	43.84 2.75 0.00	43.98 2.88 0.00	45.24 2.88 0.00	50.02 3.23 0.00	65.36 3.35 0.00	67.09 3.50 0.00	56.57 4.19 0.00	47.03 4.08 0.00	44.53 3.45 0.00	41.19 3.22 0.00	40.54 2.86 0.00	39.81 2.54 0.00	40.06 2.72 0.00	43.47 3.33 -0.01	50.57 3.51 -0.25	63.97 3.22 0.00	74.70 4.89 0.00	66.88 3.42 0.00	60.09 2.86 0.00	56.09 3.96 -0.02	51.12 3.37 -0.25	47.84 2.36 0.00
SISSONVILLE____ 23735	46.68 2.97 -0.03	43.12 2.29 0.00	43.39 2.30 0.00	43.57 2.47 0.00	45.02 2.67 0.00	49.27 2.48 0.00	64.93 2.91 0.00	66.14 2.54 0.00	53.59 1.20 0.00	43.03 0.09 0.00	40.92 -0.16 0.00	37.66 -0.30 0.00	37.41 -0.26 0.00	36.94 -0.34 0.00	37.18 -0.15 0.00	40.13 0.00 0.00	47.32 0.51 0.00	62.39 1.64 0.00	68.76 -1.05 0.00	62.76 -0.70 0.00	56.49 -0.74 0.00	51.39 -0.73 0.00	47.26 -0.24 0.00	45.06 -0.41 0.00
SITHE_IND_GS1 24169	41.93 -1.75 0.00	39.29 -1.55 0.00	39.48 -1.60 0.00	39.50 -1.60 0.00	40.66 -1.70 0.00	45.02 -1.78 0.00	59.66 -2.36 0.00	61.05 -2.55 0.00	50.29 -2.10 0.00	41.23 -1.72 0.00	39.68 -1.40 0.00	36.71 -1.25 0.00	36.47 -1.21 0.00	36.08 -1.19 0.00	36.10 -1.23 0.00	38.85 -1.29 0.00	45.03 -1.78 0.00	58.26 -2.49 0.00	67.02 -2.79 0.00	60.92 -2.54 0.00	55.00 -2.23 0.00	50.08 -2.03 0.00	45.74 -1.76 0.00	43.88 -1.59 0.00
SITHE_IND_GS2 24170	41.93 -1.75 0.00	39.29 -1.55 0.00	39.48 -1.60 0.00	39.50 -1.60 0.00	40.66 -1.70 0.00	45.02 -1.78 0.00	59.66 -2.36 0.00	61.05 -2.55 0.00	50.29 -2.10 0.00	41.23 -1.72 0.00	39.68 -1.40 0.00	36.71 -1.25 0.00	36.47 -1.21 0.00	36.08 -1.19 0.00	36.10 -1.23 0.00	38.85 -1.29 0.00	45.03 -1.78 0.00	58.26 -2.49 0.00	67.02 -2.79 0.00	60.92 -2.54 0.00	55.00 -2.23 0.00	50.08 -2.03 0.00	45.74 -1.76 0.00	43.88 -1.59 0.00
SITHE_IND_GS3 24171	41.93 -1.75 0.00	39.29 -1.55 0.00	39.48 -1.60 0.00	39.50 -1.60 0.00	40.66 -1.70 0.00	45.02 -1.78 0.00	59.66 -2.36 0.00	61.05 -2.55 0.00	50.29 -2.10 0.00	41.23 -1.72 0.00	39.68 -1.40 0.00	36.71 -1.25 0.00	36.47 -1.21 0.00	36.08 -1.19 0.00	36.10 -1.23 0.00	38.85 -1.29 0.00	45.03 -1.78 0.00	58.26 -2.49 0.00	67.02 -2.79 0.00	60.92 -2.54 0.00	55.00 -2.23 0.00	50.08 -2.03 0.00	45.74 -1.76 0.00	43.88 -1.59 0.00
SITHE_IND_GS4 24172	41.93 -1.75 0.00	39.29 -1.55 0.00	39.48 -1.60 0.00	39.50 -1.60 0.00	40.66 -1.70 0.00	45.02 -1.78 0.00	59.66 -2.36 0.00	61.05 -2.55 0.00	50.29 -2.10 0.00	41.23 -1.72 0.00	39.68 -1.40 0.00	36.71 -1.25 0.00	36.47 -1.21 0.00	36.08 -1.19 0.00	36.10 -1.23 0.00	38.85 -1.29 0.00	45.03 -1.78 0.00	58.26 -2.49 0.00	67.02 -2.79 0.00	60.92 -2.54 0.00	55.00 -2.23 0.00	50.08 -2.03 0.00	45.74 -1.76 0.00	43.88 -1.59 0.00

SITHE___BATAVIA 24024	42.37 -1.31 0.00	39.61 -1.22 0.00	39.65 -1.44 0.00	39.67 -1.44 0.00	40.91 -1.44 0.00	45.72 -1.07 0.00	60.47 -1.55 0.00	60.99 -2.61 0.00	50.55 -1.83 0.00	41.10 -1.85 0.00	39.44 -1.64 0.00	36.48 -1.48 0.00	36.35 -1.32 0.00	36.04 -1.23 0.00	35.95 -1.38 0.00	38.93 -1.20 0.00	44.93 -1.87 0.00	57.90 -2.85 0.00	67.02 -2.79 0.00	61.05 -2.41 0.00	55.52 -1.72 0.00	50.66 -1.46 0.00	46.64 -0.85 0.00	45.52 0.05 0.00
SITHE___INDEPEND 23800	41.93 -1.75 0.00	39.29 -1.55 0.00	39.48 -1.60 0.00	39.50 -1.60 0.00	40.66 -1.69 0.00	45.02 -1.78 0.00	59.66 -2.36 0.00	61.05 -2.54 0.00	50.34 -2.04 0.00	41.36 -1.59 0.00	39.68 -1.40 0.00	36.67 -1.29 0.00	36.47 -1.21 0.00	36.08 -1.19 0.00	36.10 -1.23 0.00	38.73 -1.40 0.00	44.98 -1.83 0.00	58.20 -2.55 0.00	67.02 -2.79 0.00	60.92 -2.54 0.00	55.00 -2.23 0.00	50.08 -2.03 0.00	45.74 -1.76 0.00	43.88 -1.59 0.00
SITHE___MASSENA 23902	43.19 -0.48 0.01	40.30 -0.53 0.00	40.63 -0.45 0.00	40.65 -0.45 0.00	41.93 -0.42 0.00	46.23 -0.56 0.00	61.27 -0.74 0.00	63.02 -0.57 0.00	51.86 -0.52 0.00	42.39 -0.56 0.00	40.51 -0.58 0.00	37.51 -0.45 0.00	37.18 -0.49 0.00	36.75 -0.52 0.00	36.89 -0.45 0.00	39.65 -0.48 0.00	46.34 -0.47 0.00	60.33 -0.42 0.00	69.67 -0.14 0.00	63.52 0.06 0.00	57.18 -0.06 0.00	51.91 -0.21 0.00	47.50 0.00 0.00	45.38 -0.09 0.00
SITHE___OGDNSBRG 24021	48.25 4.54 -0.03	44.39 3.55 0.00	44.66 3.57 0.00	44.93 3.82 0.00	46.42 4.07 0.00	51.19 4.40 0.00	67.47 5.46 0.00	68.37 4.77 0.00	54.90 2.51 0.00	43.72 0.77 0.00	41.49 0.41 0.00	38.11 0.15 0.00	37.86 0.19 0.00	37.35 0.07 0.00	37.71 0.37 0.00	40.74 0.60 0.00	48.35 1.54 0.00	64.09 3.34 0.00	70.51 0.70 0.00	64.47 1.02 0.00	58.03 0.80 0.00	52.64 0.52 0.00	48.26 0.76 0.00	46.02 0.55 0.00
SITHE___STERLING 23777	45.03 1.36 0.00	41.94 1.10 0.00	42.15 1.07 0.00	42.25 1.15 0.00	43.54 1.18 0.00	48.43 1.64 0.00	64.31 2.30 0.00	65.76 2.16 0.00	53.95 1.57 0.00	43.89 0.94 0.00	41.94 0.86 0.00	38.65 0.68 0.00	38.47 0.79 0.00	38.06 0.78 0.00	38.19 0.86 0.00	41.14 1.00 0.00	48.07 1.26 0.00	62.64 1.89 0.00	72.25 2.44 0.00	65.68 2.22 0.00	59.23 2.00 0.00	53.89 1.77 0.00	49.02 1.52 0.00	46.93 1.45 0.00
SLEIGHT__34_KV_TB1 80719	42.32 -1.35 0.00	39.57 -1.27 0.00	39.69 -1.40 0.00	39.71 -1.40 0.00	40.92 -1.44 0.00	45.62 -1.17 0.00	60.53 -1.49 0.00	61.63 -1.97 0.00	50.97 -1.41 0.00	41.57 -1.37 0.00	39.85 -1.23 0.00	36.82 -1.14 0.00	36.73 -0.94 0.00	36.30 -0.97 0.00	36.29 -1.05 0.00	39.05 -1.08 0.00	45.36 -1.45 0.00	58.50 -2.25 0.00	67.72 -2.09 0.00	61.56 -1.90 0.00	55.69 -1.55 0.00	50.71 -1.41 0.00	46.36 -1.14 0.00	44.75 -0.73 0.00
SOUTH CAIRO___GT 23612	47.00 3.32 0.00	44.06 3.23 0.00	44.29 3.20 0.00	44.23 3.12 0.00	45.62 3.26 0.00	50.40 3.60 0.00	67.10 5.09 0.00	68.30 4.71 0.00	55.52 3.14 0.00	45.18 2.23 0.00	42.89 1.81 0.00	39.48 1.52 0.00	39.18 1.51 0.00	38.76 1.49 0.00	38.90 1.57 0.00	42.02 1.89 0.00	49.52 2.71 0.00	65.00 4.25 0.00	74.91 5.10 0.00	68.09 4.63 0.00	61.52 4.29 0.00	55.92 3.80 0.00	50.82 3.32 0.00	48.84 3.36 0.00
SOUTH HAMPTN___IC 23720	47.13 3.45 0.00	44.02 3.19 0.00	44.04 2.96 0.00	44.19 3.08 0.00	45.49 3.13 0.00	50.35 3.55 0.00	65.92 3.91 0.00	67.61 4.01 0.00	56.89 4.51 0.00	47.16 4.21 0.00	44.57 3.49 0.00	41.19 3.22 0.00	40.50 2.83 0.00	39.81 2.54 0.00	40.09 2.76 0.00	43.55 3.41 -0.01	50.70 3.65 -0.24	64.40 3.64 0.00	75.19 5.38 0.00	67.33 3.87 0.00	60.49 3.26 0.00	56.45 4.32 -0.02	51.45 3.71 -0.24	48.25 2.77 0.00
SOUTHDOW_115KV_TB1 355954	42.80 -0.87 0.00	40.02 -0.82 0.00	40.06 -1.03 0.00	40.04 -1.07 0.00	41.25 -1.10 0.00	46.09 -0.70 0.00	61.21 -0.81 0.00	61.18 -2.42 0.00	50.65 -1.73 0.00	41.10 -1.85 0.00	39.40 -1.68 0.00	36.18 -1.78 0.00	36.20 -1.47 0.00	35.82 -1.45 0.00	35.88 -1.46 0.00	38.85 -1.28 0.00	44.75 -2.06 0.00	57.65 -3.10 0.00	67.51 -2.30 0.00	61.94 -1.52 0.00	56.37 -0.86 0.00	51.65 -0.47 0.00	47.78 0.28 0.00	46.97 1.50 0.00
SOUTHOLD_69_KV_BK 2 55809	47.08 3.41 0.00	44.10 3.27 0.00	44.08 3.00 0.00	44.15 3.04 0.00	45.83 3.47 0.00	50.35 3.56 0.00	66.04 4.03 0.00	68.05 4.45 0.00	56.83 4.45 0.00	46.98 4.04 0.00	44.33 3.25 0.00	41.04 3.07 0.00	40.16 2.49 0.00	39.62 2.35 0.00	39.76 2.43 0.00	43.42 3.29 0.00	50.47 3.42 -0.24	65.07 4.31 0.00	75.12 5.31 0.00	67.20 3.74 0.00	60.38 3.15 0.00	56.45 4.33 -0.01	51.58 3.85 -0.23	48.29 2.82 0.00
SOUTHOLD___IC 23719	47.09 3.41 0.00	43.98 3.14 0.00	43.96 2.87 0.00	44.15 3.04 0.00	45.49 3.13 0.00	50.35 3.55 0.00	66.04 4.03 0.00	67.67 4.07 0.00	56.89 4.51 0.00	47.07 4.12 0.00	44.29 3.21 0.00	40.92 2.96 0.00	40.16 2.49 0.00	39.51 2.24 0.00	39.76 2.43 0.00	43.27 3.13 -0.01	50.42 3.37 -0.24	64.21 3.46 0.00	75.05 5.24 0.00	67.20 3.74 0.00	60.49 3.26 0.00	56.56 4.43 -0.02	51.58 3.85 -0.24	48.39 2.91 0.00
SOUTH_FORK_WT_PWR 323839	46.60 2.93 0.00	43.57 2.74 0.00	43.55 2.46 0.00	43.74 2.63 0.00	45.07 2.71 0.00	49.88 3.09 0.00	65.48 3.47 0.00	67.03 3.43 0.00	56.42 4.03 0.00	46.68 3.73 0.00	43.75 2.67 0.00	40.43 2.47 0.00	39.67 2.00 0.00	38.99 1.72 0.00	39.27 1.94 0.00	42.71 2.57 -0.01	49.76 2.71 -0.24	63.30 2.55 0.00	74.07 4.26 0.00	66.32 2.86 0.00	59.75 2.52 0.00	56.04 3.91 -0.02	51.11 3.37 -0.24	47.97 2.50 0.00
SPIERFLS_115KV_TB 1 80737	47.65 3.97 0.00	44.76 3.92 0.00	44.91 3.82 0.00	45.01 3.91 0.00	46.34 3.98 0.00	51.38 4.59 0.00	68.46 6.45 0.00	70.02 6.42 0.00	57.04 4.66 0.00	46.60 3.65 0.00	44.41 3.33 0.00	40.54 2.58 0.00	40.16 2.49 0.00	39.66 2.39 0.00	39.83 2.50 0.00	43.22 3.09 0.00	50.97 4.17 0.00	65.92 5.16 0.00	75.75 5.93 0.00	68.54 5.08 0.00	61.93 4.69 0.00	56.34 4.22 0.00	51.11 3.61 0.00	49.07 3.59 0.00
ST LAWRENCE____ 23600	42.88 -0.78 0.01	40.02 -0.82 0.00	40.30 -0.78 0.00	40.32 -0.78 0.00	41.59 -0.76 0.00	45.90 -0.89 0.00	60.77 -1.24 0.00	62.52 -1.08 0.00	51.44 -0.94 0.00	42.09 -0.86 0.00	40.22 -0.86 0.00	37.20 -0.76 0.00	36.88 -0.79 0.00	36.49 -0.78 0.00	36.59 -0.75 0.00	39.33 -0.80 0.00	45.97 -0.84 0.00	59.84 -0.91 0.00	68.90 -0.91 0.00	62.70 -0.76 0.00	56.49 -0.75 0.00	51.34 -0.78 0.00	46.83 -0.67 0.00	44.79 -0.68 0.00
STATE_CA_115KV_115_LB 55624	46.25 2.58 0.00	43.29 2.45 0.00	43.55 2.47 0.00	43.57 2.47 0.00	44.90 2.54 0.00	49.55 2.76 0.00	65.67 3.66 0.00	67.29 3.69 0.00	55.32 2.93 0.00	45.40 2.45 0.00	43.38 2.30 0.00	39.90 1.94 0.00	39.56 1.88 0.00	39.13 1.86 0.00	39.20 1.87 0.00	42.26 2.13 0.00	49.47 2.67 0.00	63.85 3.10 0.00	73.09 3.28 0.00	66.25 2.79 0.00	59.81 2.58 0.00	54.51 2.40 0.00	49.59 2.09 0.00	47.52 2.05 0.00

STATE_ST_34_KV_LOAD 55959	43.33 -0.35 0.00	40.47 -0.37 0.00	40.67 -0.41 0.00	40.69 -0.41 0.00	41.93 -0.42 0.00	46.61 -0.19 0.00	62.01 0.00 0.00	63.34 -0.25 0.00	52.17 -0.21 0.00	42.60 -0.34 0.00	40.79 -0.29 0.00	37.73 -0.23 0.00	37.56 -0.11 0.00	37.12 -0.15 0.00	37.11 -0.22 0.00	39.93 -0.20 0.00	46.53 -0.28 0.00	60.14 -0.61 0.00	69.53 -0.28 0.00	63.21 -0.25 0.00	57.12 -0.11 0.00	52.01 -0.10 0.00	47.36 -0.14 0.00	45.47 0.00 0.00
STATION 5_MISC_HYD 23604	42.02 -1.66 0.00	39.33 -1.51 0.00	39.40 -1.69 0.00	39.42 -1.69 0.00	40.62 -1.74 0.00	45.25 -1.54 0.00	59.84 -2.17 0.00	60.74 -2.86 0.00	50.29 -2.10 0.00	41.10 -1.85 0.00	39.48 -1.60 0.00	36.52 -1.44 0.00	36.39 -1.28 0.00	36.04 -1.23 0.00	35.99 -1.34 0.00	38.89 -1.24 0.00	44.93 -1.87 0.00	57.96 -2.79 0.00	66.81 -3.00 0.00	60.73 -2.73 0.00	55.12 -2.12 0.00	50.24 -1.87 0.00	46.12 -1.38 0.00	44.70 -0.77 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	42.93 -0.74 0.00	40.10 -0.74 0.00	40.26 -0.82 0.00	40.28 -0.82 0.00	41.51 -0.85 0.00	46.28 -0.51 0.00	61.39 -0.62 0.00	62.58 -1.02 0.00	51.75 -0.63 0.00	42.13 -0.82 0.00	40.38 -0.70 0.00	37.28 -0.68 0.00	37.18 -0.49 0.00	36.75 -0.52 0.00	36.73 -0.60 0.00	39.57 -0.56 0.00	46.01 -0.80 0.00	59.35 -1.40 0.00	68.76 -1.05 0.00	62.51 -0.95 0.00	56.66 -0.57 0.00	51.54 -0.57 0.00	47.07 -0.43 0.00	45.47 0.00 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	41.84 -1.83 0.00	39.12 -1.72 0.00	39.24 -1.85 0.00	39.26 -1.85 0.00	40.41 -1.95 0.00	45.06 -1.73 0.00	59.59 -2.42 0.00	60.55 -3.05 0.00	50.18 -2.20 0.00	41.01 -1.93 0.00	39.36 -1.73 0.00	36.33 -1.63 0.00	36.28 -1.39 0.00	35.89 -1.38 0.00	35.88 -1.46 0.00	38.65 -1.48 0.00	44.75 -2.06 0.00	57.53 -3.22 0.00	66.60 -3.21 0.00	60.60 -2.86 0.00	54.89 -2.35 0.00	50.08 -2.03 0.00	45.93 -1.57 0.00	44.52 -0.95 0.00
STA_56___34_KV_BUS2 355983	41.84 -1.83 0.00	39.12 -1.72 0.00	39.24 -1.85 0.00	39.26 -1.85 0.00	40.41 -1.95 0.00	45.06 -1.73 0.00	59.59 -2.42 0.00	60.55 -3.05 0.00	50.18 -2.20 0.00	41.01 -1.93 0.00	39.36 -1.73 0.00	36.33 -1.63 0.00	36.28 -1.39 0.00	35.89 -1.38 0.00	35.88 -1.46 0.00	38.65 -1.48 0.00	44.75 -2.06 0.00	57.53 -3.22 0.00	66.60 -3.21 0.00	60.60 -2.86 0.00	54.89 -2.35 0.00	50.08 -2.03 0.00	45.93 -1.57 0.00	44.52 -0.95 0.00
STA_67___115KV_BK2 355882	41.93 -1.75 0.00	39.20 -1.63 0.00	39.32 -1.77 0.00	39.34 -1.77 0.00	40.49 -1.86 0.00	45.16 -1.64 0.00	59.72 -2.29 0.00	60.55 -3.05 0.00	50.23 -2.15 0.00	41.01 -1.93 0.00	39.36 -1.73 0.00	36.37 -1.59 0.00	36.28 -1.39 0.00	35.89 -1.38 0.00	35.91 -1.42 0.00	38.69 -1.44 0.00	44.75 -2.06 0.00	57.53 -3.22 0.00	66.60 -3.21 0.00	60.60 -2.86 0.00	54.94 -2.29 0.00	50.14 -1.98 0.00	45.98 -1.52 0.00	44.65 -0.82 0.00
STA_7___115KV_9TRANS 80674	42.24 -1.44 0.00	39.45 -1.39 0.00	39.56 -1.52 0.00	39.58 -1.52 0.00	40.75 -1.61 0.00	45.44 -1.36 0.00	60.09 -1.92 0.00	61.05 -2.54 0.00	50.60 -1.78 0.00	41.32 -1.63 0.00	39.64 -1.44 0.00	36.63 -1.33 0.00	36.58 -1.09 0.00	36.19 -1.08 0.00	36.17 -1.16 0.00	38.97 -1.16 0.00	45.12 -1.69 0.00	58.02 -2.73 0.00	67.23 -2.58 0.00	61.11 -2.35 0.00	55.40 -1.83 0.00	50.55 -1.56 0.00	46.36 -1.14 0.00	44.97 -0.50 0.00
STA_82___115KV_TB1 80780	41.93 -1.75 0.00	39.20 -1.63 0.00	39.32 -1.77 0.00	39.34 -1.77 0.00	40.49 -1.86 0.00	45.16 -1.64 0.00	59.72 -2.29 0.00	60.61 -2.99 0.00	50.23 -2.15 0.00	41.01 -1.93 0.00	39.36 -1.73 0.00	36.37 -1.59 0.00	36.32 -1.36 0.00	35.89 -1.38 0.00	35.91 -1.42 0.00	38.69 -1.44 0.00	44.75 -2.06 0.00	57.53 -3.22 0.00	66.67 -3.14 0.00	60.60 -2.86 0.00	54.94 -2.29 0.00	50.14 -1.98 0.00	46.03 -1.47 0.00	44.65 -0.82 0.00
STEEL___WIND 323596	42.02 -1.66 0.00	39.33 -1.51 0.00	39.36 -1.72 0.00	39.34 -1.77 0.00	40.58 -1.78 0.00	45.20 -1.59 0.00	59.72 -2.29 0.00	59.66 -3.94 0.00	49.50 -2.88 0.00	40.46 -2.49 0.00	38.82 -2.26 0.00	35.91 -2.05 0.00	35.87 -1.81 0.00	35.52 -1.75 0.00	35.54 -1.79 0.00	38.45 -1.68 0.00	44.14 -2.67 0.00	56.74 -4.01 0.00	65.69 -4.12 0.00	59.97 -3.49 0.00	54.54 -2.69 0.00	49.98 -2.14 0.00	46.26 -1.24 0.00	45.43 -0.05 0.00
STEPHTWN_115KV_BK_2 55603	46.17 2.49 0.00	43.25 2.41 0.00	43.47 2.38 0.00	43.49 2.38 0.00	44.81 2.46 0.00	49.51 2.71 0.00	65.67 3.66 0.00	67.22 3.63 0.00	55.21 2.83 0.00	45.27 2.32 0.00	43.22 2.14 0.00	39.78 1.82 0.00	39.44 1.77 0.00	39.02 1.75 0.00	39.09 1.75 0.00	42.18 2.05 0.00	49.33 2.53 0.00	64.34 3.58 0.00	73.72 3.91 0.00	66.82 3.36 0.00	60.32 3.09 0.00	54.98 2.87 0.00	49.97 2.47 0.00	47.93 2.46 0.00
STEUBEN_REC_LFGE 323667	41.49 -2.18 0.00	38.75 -2.08 0.00	38.91 -2.18 0.00	38.93 -2.18 0.00	40.15 -2.20 0.00	44.97 -1.82 0.00	59.72 -2.29 0.00	60.29 -3.31 0.00	49.24 -3.14 0.00	39.90 -3.05 0.00	38.04 -3.04 0.00	35.04 -2.92 0.00	35.04 -2.64 0.00	34.59 -2.68 0.00	34.61 -2.73 0.00	37.28 -2.85 0.00	43.62 -3.18 0.00	56.50 -4.25 0.00	66.81 -3.00 0.00	61.43 -2.03 0.00	55.92 -1.32 0.00	51.13 -0.99 0.00	46.83 -0.66 0.00	45.61 0.14 0.00
STILLWATER___SOLAR 323814	46.73 3.06 0.00	43.78 2.94 0.00	44.00 2.92 0.00	44.07 2.96 0.00	45.41 3.05 0.00	50.17 3.37 0.00	66.60 4.59 0.00	68.11 4.52 0.00	55.78 3.40 0.00	45.70 2.75 0.00	43.50 2.42 0.00	39.90 1.93 0.00	39.56 1.88 0.00	39.13 1.86 0.00	39.23 1.90 0.00	42.38 2.25 0.00	49.85 3.04 0.00	64.58 3.83 0.00	74.07 4.26 0.00	67.14 3.68 0.00	60.67 3.43 0.00	55.24 3.13 0.00	50.20 2.71 0.00	48.16 2.68 0.00
STONY___BROOK 24151	47.30 3.62 0.00	44.14 3.31 0.00	44.17 3.08 0.00	44.31 3.21 0.00	45.66 3.31 0.00	50.58 3.79 0.00	66.17 4.16 0.00	67.86 4.26 0.00	57.04 4.66 0.00	47.16 4.21 0.00	44.74 3.65 0.00	41.34 3.38 0.00	40.69 3.02 0.00	40.10 2.83 0.00	40.35 3.02 0.00	43.79 3.65 -0.01	51.05 3.98 -0.27	65.00 4.25 0.00	75.46 5.65 0.00	67.83 4.38 0.00	60.95 3.72 0.00	56.61 4.48 -0.02	51.42 3.66 -0.27	48.39 2.91 0.00
STURGEON_POOL_HYD 23609	45.90 2.23 0.00	42.92 2.08 0.00	43.10 2.01 0.00	43.08 1.97 0.00	44.47 2.12 0.00	48.99 2.20 0.00	65.18 3.16 0.00	66.84 3.24 0.00	55.05 2.67 0.00	45.22 2.28 0.00	43.13 2.05 0.00	39.90 1.94 0.00	39.52 1.85 0.00	39.10 1.83 0.00	39.16 1.83 0.00	42.14 2.01 0.00	49.19 2.39 0.00	63.79 3.04 0.00	73.09 3.28 0.00	66.38 2.92 0.00	59.81 2.58 0.00	54.51 2.40 0.00	49.49 1.99 0.00	47.11 1.64 0.00
ST_LAW_115_BK7_LBMP 345037	42.88 -0.78 0.01	40.02 -0.82 0.00	40.30 -0.78 0.00	40.32 -0.78 0.00	41.59 -0.76 0.00	45.90 -0.89 0.00	60.77 -1.24 0.00	62.52 -1.08 0.00	51.44 -0.94 0.00	42.09 -0.86 0.00	40.22 -0.86 0.00	37.20 -0.76 0.00	36.88 -0.79 0.00	36.49 -0.78 0.00	36.59 -0.75 0.00	39.33 -0.80 0.00	45.97 -0.84 0.00	59.84 -0.91 0.00	68.90 -0.91 0.00	62.76 -0.70 0.00	56.49 -0.75 0.00	51.28 -0.84 0.00	46.88 -0.62 0.00	44.79 -0.68 0.00

ST_LAW_115_BK8_LBMP 345038	42.88 -0.78 0.01	40.02 -0.82 0.00	40.30 -0.78 0.00	40.32 -0.78 0.00	41.59 -0.76 0.00	45.90 -0.89 0.00	60.77 -1.24 0.00	62.52 -1.08 0.00	51.44 -0.94 0.00	42.09 -0.86 0.00	40.22 -0.86 0.00	37.20 -0.76 0.00	36.88 -0.79 0.00	36.49 -0.78 0.00	36.59 -0.75 0.00	39.33 -0.80 0.00	45.97 -0.84 0.00	59.84 -0.91 0.00	68.90 -0.91 0.00	62.76 -0.70 0.00	56.49 -0.75 0.00	51.28 -0.84 0.00	46.88 -0.62 0.00	44.79 -0.68 0.00
ST_LAW_230_BK5_LBMP 345035	42.88 -0.78 0.01	40.02 -0.82 0.00	40.30 -0.78 0.00	40.32 -0.78 0.00	41.59 -0.76 0.00	45.90 -0.89 0.00	60.77 -1.24 0.00	62.52 -1.08 0.00	51.44 -0.94 0.00	42.09 -0.86 0.00	40.22 -0.86 0.00	37.20 -0.76 0.00	36.88 -0.79 0.00	36.49 -0.78 0.00	36.59 -0.75 0.00	39.33 -0.80 0.00	45.97 -0.84 0.00	59.84 -0.91 0.00	68.90 -0.91 0.00	62.70 -0.76 0.00	56.49 -0.75 0.00	51.34 -0.78 0.00	46.83 -0.67 0.00	44.79 -0.68 0.00
ST_LAW_230_BK6_LBMP 345036	42.88 -0.78 0.01	40.02 -0.82 0.00	40.30 -0.78 0.00	40.32 -0.78 0.00	41.59 -0.76 0.00	45.90 -0.89 0.00	60.77 -1.24 0.00	62.52 -1.08 0.00	51.44 -0.94 0.00	42.09 -0.86 0.00	40.22 -0.86 0.00	37.20 -0.76 0.00	36.88 -0.79 0.00	36.49 -0.78 0.00	36.59 -0.75 0.00	39.33 -0.80 0.00	45.97 -0.84 0.00	59.84 -0.91 0.00	68.90 -0.91 0.00	62.70 -0.76 0.00	56.49 -0.75 0.00	51.34 -0.78 0.00	46.83 -0.67 0.00	44.79 -0.68 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	45.69 2.01 0.00	42.72 1.88 0.00	42.93 1.85 0.00	42.91 1.81 0.00	44.26 1.91 0.00	48.81 2.01 0.00	64.87 2.85 0.00	66.59 2.99 0.00	54.90 2.51 0.00	45.14 2.19 0.00	43.09 2.01 0.00	39.78 1.82 0.00	39.41 1.73 0.00	39.02 1.75 0.00	39.05 1.72 0.00	42.06 1.93 0.00	49.10 2.29 0.00	63.61 2.86 0.00	72.88 3.07 0.00	66.19 2.73 0.00	59.64 2.40 0.00	54.36 2.24 0.00	49.40 1.90 0.00	46.97 1.50 0.00
SWANROAD_115KV_TB1 355699	40.44 -3.23 0.00	37.81 -3.02 0.00	37.88 -3.20 0.00	37.90 -3.21 0.00	39.01 -3.35 0.00	43.52 -3.28 0.00	57.30 -4.71 0.00	57.30 -6.30 0.00	47.56 -4.82 0.00	38.91 -4.04 0.00	37.38 -3.70 0.00	34.51 -3.45 0.00	34.58 -3.09 0.00	34.21 -3.06 0.00	34.27 -3.06 0.00	36.96 -3.17 0.00	42.41 -4.40 0.00	54.07 -6.68 0.00	62.90 -6.91 0.00	57.37 -6.09 0.00	52.20 -5.04 0.00	47.89 -4.22 0.00	44.36 -3.13 0.00	43.70 -1.77 0.00
SYNERGY___BIOGAS 323694	42.37 -1.31 0.00	39.61 -1.22 0.00	39.65 -1.44 0.00	39.67 -1.44 0.00	40.91 -1.44 0.00	45.72 -1.07 0.00	60.47 -1.55 0.00	60.99 -2.61 0.00	50.55 -1.83 0.00	41.10 -1.85 0.00	39.44 -1.64 0.00	36.48 -1.48 0.00	36.35 -1.32 0.00	36.04 -1.23 0.00	35.95 -1.38 0.00	38.93 -1.20 0.00	44.93 -1.87 0.00	57.90 -2.85 0.00	67.02 -2.79 0.00	61.05 -2.41 0.00	55.52 -1.72 0.00	50.66 -1.46 0.00	46.64 -0.85 0.00	45.52 0.05 0.00
SYRACUSE___ENERGY_ST1 323597	43.37 -0.31 0.00	40.55 -0.29 0.00	40.76 -0.33 0.00	40.78 -0.33 0.00	41.97 -0.38 0.00	46.61 -0.19 0.00	61.89 -0.12 0.00	63.28 -0.32 0.00	52.07 -0.31 0.00	42.65 -0.30 0.00	40.83 -0.25 0.00	37.77 -0.19 0.00	37.56 -0.11 0.00	37.12 -0.15 0.00	37.15 -0.19 0.00	39.93 -0.20 0.00	46.48 -0.33 0.00	59.90 -0.85 0.00	69.11 -0.70 0.00	62.82 -0.63 0.00	56.72 -0.52 0.00	51.65 -0.47 0.00	47.07 -0.43 0.00	45.20 -0.27 0.00
SYRACUSE___ENERGY_ST2 323598	43.37 -0.31 0.00	40.55 -0.29 0.00	40.76 -0.33 0.00	40.78 -0.33 0.00	41.97 -0.38 0.00	46.61 -0.19 0.00	61.89 -0.12 0.00	63.28 -0.32 0.00	52.07 -0.31 0.00	42.65 -0.30 0.00	40.83 -0.25 0.00	37.77 -0.19 0.00	37.56 -0.11 0.00	37.12 -0.15 0.00	37.15 -0.19 0.00	39.93 -0.20 0.00	46.48 -0.33 0.00	59.90 -0.85 0.00	69.11 -0.70 0.00	62.82 -0.63 0.00	56.72 -0.52 0.00	51.65 -0.47 0.00	47.07 -0.43 0.00	45.20 -0.27 0.00
SYRACUSE___POWER 24017	43.11 -0.57 0.00	40.35 -0.49 0.00	40.55 -0.53 0.00	40.53 -0.58 0.00	41.72 -0.64 0.00	46.33 -0.47 0.00	61.52 -0.50 0.00	62.90 -0.70 0.00	51.81 -0.58 0.00	42.43 -0.52 0.00	40.63 -0.45 0.00	37.58 -0.38 0.00	37.37 -0.30 0.00	36.94 -0.34 0.00	36.96 -0.37 0.00	39.73 -0.40 0.00	46.25 -0.56 0.00	59.84 -0.91 0.00	68.97 -0.84 0.00	62.70 -0.76 0.00	56.60 -0.63 0.00	51.54 -0.57 0.00	46.98 -0.52 0.00	45.11 -0.36 0.00
TALLMAN___138KV_BK151 55660	45.90 2.23 0.00	42.92 2.08 0.00	43.10 2.01 0.00	43.08 1.97 0.00	44.47 2.12 0.00	49.04 2.25 0.00	65.18 3.16 0.00	66.97 3.37 0.00	55.21 2.83 0.00	45.48 2.53 0.00	43.38 2.30 0.00	40.09 2.13 0.00	39.71 2.03 0.00	39.28 2.01 0.00	39.31 1.98 0.00	42.34 2.21 0.00	49.43 2.62 0.00	63.97 3.22 0.00	73.30 3.49 0.00	66.51 3.05 0.00	59.92 2.69 0.00	54.62 2.50 0.00	49.59 2.09 0.00	47.11 1.64 0.00
TEALLAVE_115KV_TB7 355573	42.94 -0.74 0.00	40.18 -0.65 0.00	40.39 -0.70 0.00	40.37 -0.74 0.00	41.55 -0.80 0.00	46.14 -0.66 0.00	61.27 -0.74 0.00	62.64 -0.95 0.00	51.60 -0.79 0.00	42.26 -0.69 0.00	40.51 -0.58 0.00	37.47 -0.49 0.00	37.26 -0.41 0.00	36.82 -0.45 0.00	36.88 -0.45 0.00	39.61 -0.52 0.00	46.06 -0.75 0.00	59.54 -1.22 0.00	68.62 -1.19 0.00	62.38 -1.08 0.00	56.32 -0.92 0.00	51.28 -0.83 0.00	46.74 -0.76 0.00	44.93 -0.55 0.00
TELGRAPH_34_KV_EAST 80808	41.45 -2.23 0.00	38.71 -2.12 0.00	38.78 -2.30 0.00	38.80 -2.30 0.00	39.98 -2.37 0.00	44.64 -2.15 0.00	58.91 -3.10 0.00	59.15 -4.45 0.00	49.08 -3.30 0.00	40.03 -2.92 0.00	38.45 -2.63 0.00	35.46 -2.51 0.00	35.49 -2.19 0.00	35.15 -2.12 0.00	35.13 -2.20 0.00	37.93 -2.21 0.00	43.67 -3.14 0.00	55.83 -4.92 0.00	64.99 -4.82 0.00	59.27 -4.19 0.00	53.91 -3.32 0.00	49.35 -2.76 0.00	45.60 -1.90 0.00	44.75 -0.73 0.00
TEMPLE___115KV_TB 2 55572	42.94 -0.74 0.00	40.18 -0.65 0.00	40.39 -0.70 0.00	40.37 -0.74 0.00	41.55 -0.80 0.00	46.14 -0.66 0.00	61.27 -0.74 0.00	62.64 -0.95 0.00	51.60 -0.79 0.00	42.30 -0.64 0.00	40.55 -0.53 0.00	37.47 -0.49 0.00	37.26 -0.41 0.00	36.86 -0.41 0.00	36.88 -0.45 0.00	39.61 -0.52 0.00	46.10 -0.70 0.00	59.54 -1.22 0.00	68.69 -1.12 0.00	62.44 -1.02 0.00	56.37 -0.86 0.00	51.33 -0.78 0.00	46.79 -0.71 0.00	44.93 -0.55 0.00
TIANA____69_KV_BK 1 55817	47.17 3.49 0.00	44.19 3.35 0.00	44.17 3.08 0.00	44.19 3.08 0.00	45.87 3.52 0.00	50.40 3.60 0.00	65.92 3.91 0.00	67.99 4.39 0.00	56.83 4.45 0.00	47.07 4.12 0.00	44.70 3.62 0.00	41.38 3.42 0.00	40.57 2.90 0.00	39.99 2.72 0.00	40.17 2.84 0.00	43.75 3.61 0.00	50.84 3.79 0.00	65.37 4.62 0.00	75.26 5.45 0.00	67.39 3.93 0.00	60.44 3.21 0.00	56.34 4.22 0.00	51.43 3.70 0.00	48.16 2.68 0.00
TILDEN___115KV_TB1 80814	43.11 -0.57 0.00	40.35 -0.49 0.00	40.55 -0.53 0.00	40.53 -0.58 0.00	41.72 -0.64 0.00	46.33 -0.47 0.00	61.52 -0.50 0.00	62.90 -0.70 0.00	51.81 -0.58 0.00	42.43 -0.52 0.00	40.63 -0.45 0.00	37.58 -0.38 0.00	37.37 -0.30 0.00	36.94 -0.34 0.00	36.96 -0.37 0.00	39.73 -0.40 0.00	46.25 -0.56 0.00	59.84 -0.91 0.00	68.97 -0.84 0.00	62.70 -0.76 0.00	56.60 -0.63 0.00	51.54 -0.57 0.00	46.98 -0.52 0.00	45.11 -0.36 0.00

TRIGEN___CC 323695	46.73 3.06 0.00	43.74 2.90 0.00	43.80 2.71 0.00	43.82 2.71 0.00	45.32 2.96 0.00	50.02 3.23 0.00	66.11 4.09 0.00	67.92 4.32 0.00	56.36 3.98 0.00	46.43 3.48 0.00	44.33 3.25 0.00	41.00 3.04 0.00	40.39 2.71 0.00	39.99 2.72 0.00	40.06 2.73 0.00	43.38 3.25 0.00	51.93 3.74 -1.38	65.19 4.43 0.00	74.77 4.96 0.00	67.52 4.06 0.00	60.72 3.49 0.00	55.86 3.70 -0.04	51.95 3.13 -1.32	47.93 2.46 0.00
TRINITY___115KV___4 BK 55933	45.77 2.10 0.00	42.88 2.04 0.00	43.10 2.01 0.00	43.12 2.01 0.00	44.47 2.12 0.00	49.04 2.25 0.00	64.93 2.91 0.00	66.52 2.93 0.00	54.74 2.36 0.00	44.92 1.98 0.00	42.97 1.89 0.00	39.52 1.56 0.00	39.18 1.51 0.00	38.80 1.53 0.00	38.86 1.53 0.00	41.86 1.73 0.00	48.91 2.11 0.00	63.55 2.79 0.00	72.74 2.93 0.00	66.00 2.54 0.00	59.58 2.35 0.00	54.30 2.19 0.00	49.40 1.90 0.00	47.34 1.86 0.00
UNION___PROCESSING_DRP 323587	41.97 -1.70 0.00	39.20 -1.63 0.00	39.32 -1.77 0.00	39.34 -1.77 0.00	40.53 -1.82 0.00	45.16 -1.64 0.00	59.72 -2.29 0.00	60.61 -2.99 0.00	50.23 -2.15 0.00	41.01 -1.93 0.00	39.36 -1.73 0.00	36.37 -1.59 0.00	36.32 -1.36 0.00	35.93 -1.34 0.00	35.91 -1.42 0.00	38.69 -1.44 0.00	44.79 -2.01 0.00	57.53 -3.22 0.00	66.67 -3.14 0.00	60.67 -2.79 0.00	54.94 -2.29 0.00	50.14 -1.98 0.00	46.03 -1.47 0.00	44.65 -0.82 0.00
UPPER HUDSON___HYD 24058	47.65 3.97 0.00	44.76 3.92 0.00	44.91 3.82 0.00	45.01 3.91 0.00	46.38 4.03 0.00	51.38 4.59 0.00	68.46 6.45 0.00	70.02 6.42 0.00	57.10 4.72 0.00	46.64 3.69 0.00	44.37 3.29 0.00	40.54 2.58 0.00	40.16 2.49 0.00	39.66 2.39 0.00	39.83 2.50 0.00	43.10 2.97 0.00	50.93 4.12 0.00	65.86 5.10 0.00	75.74 5.93 0.00	68.54 5.08 0.00	61.93 4.69 0.00	56.34 4.22 0.00	51.11 3.61 0.00	49.06 3.59 0.00
UPPER RAQUET___HYD 24056	46.68 2.97 -0.03	43.12 2.29 0.00	43.38 2.30 0.00	43.57 2.47 0.00	45.03 2.67 0.00	49.27 2.48 0.00	64.93 2.92 0.00	66.14 2.55 0.00	53.59 1.21 0.00	42.99 0.04 0.00	40.92 -0.16 0.00	37.70 -0.26 0.00	37.41 -0.26 0.00	36.93 -0.34 0.00	37.18 -0.15 0.00	40.13 0.00 0.00	47.32 0.52 0.00	62.39 1.64 0.00	68.77 -1.05 0.00	62.76 -0.70 0.00	56.49 -0.75 0.00	51.39 -0.73 0.00	47.26 -0.24 0.00	45.06 -0.41 0.00
VALLEY44_115KV_TB2 355964	42.89 -0.79 0.00	40.10 -0.74 0.00	40.18 -0.90 0.00	40.20 -0.90 0.00	41.47 -0.89 0.00	46.14 -0.66 0.00	61.15 -0.87 0.00	61.05 -2.54 0.00	50.50 -1.89 0.00	41.10 -1.85 0.00	39.36 -1.73 0.00	36.29 -1.67 0.00	36.28 -1.39 0.00	35.89 -1.38 0.00	35.95 -1.38 0.00	38.81 -1.32 0.00	44.84 -1.97 0.00	57.47 -3.28 0.00	66.95 -2.86 0.00	61.24 -2.22 0.00	55.63 -1.60 0.00	50.81 -1.30 0.00	46.93 -0.57 0.00	46.20 0.73 0.00
VALLEY___115KV_TB 1-4 80826	43.94 0.26 0.00	41.00 0.16 0.00	41.25 0.16 0.00	41.31 0.21 0.00	42.52 0.17 0.00	47.07 0.28 0.00	62.45 0.43 0.00	64.04 0.45 0.00	52.64 0.26 0.00	43.12 0.17 0.00	41.25 0.16 0.00	38.07 0.11 0.00	37.82 0.15 0.00	37.38 0.11 0.00	37.48 0.15 0.00	40.29 0.16 0.00	47.09 0.28 0.00	61.30 0.55 0.00	70.51 0.70 0.00	64.03 0.57 0.00	57.75 0.52 0.00	52.64 0.52 0.00	47.88 0.38 0.00	45.79 0.32 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	46.08 2.40 0.00	42.92 2.08 0.00	43.18 2.10 0.00	43.28 2.18 0.00	44.64 2.29 0.00	49.55 2.76 0.00	65.92 3.91 0.00	67.54 3.94 0.00	55.52 3.14 0.00	45.22 2.28 0.00	43.13 2.05 0.00	39.78 1.82 0.00	39.60 1.92 0.00	39.10 1.83 0.00	39.20 1.87 0.00	42.22 2.09 0.00	49.38 2.57 0.00	64.34 3.58 0.00	74.21 4.40 0.00	67.33 3.87 0.00	60.67 3.43 0.00	55.24 3.13 0.00	50.21 2.71 0.00	48.11 2.64 0.00
VISCHER___FERRY HYD 24020	46.03 2.36 0.00	43.08 2.24 0.00	43.30 2.22 0.00	43.32 2.22 0.00	44.64 2.29 0.00	49.27 2.48 0.00	65.30 3.28 0.00	66.90 3.31 0.00	55.05 2.67 0.00	45.18 2.23 0.00	43.09 2.01 0.00	39.63 1.67 0.00	39.29 1.62 0.00	38.87 1.60 0.00	38.97 1.64 0.00	41.94 1.81 0.00	49.15 2.34 0.00	63.73 2.98 0.00	72.96 3.14 0.00	66.19 2.73 0.00	59.75 2.52 0.00	54.46 2.35 0.00	49.59 2.09 0.00	47.52 2.05 0.00
V_A_10_SYNC_DSASP 323832	41.06 -2.62 0.00	38.39 -2.45 0.00	38.45 -2.63 0.00	38.47 -2.63 0.00	39.69 -2.67 0.00	44.17 -2.62 0.00	58.17 -3.84 0.00	58.57 -5.03 0.00	48.61 -3.77 0.00	39.81 -3.13 0.00	38.25 -2.83 0.00	35.42 -2.54 0.00	35.34 -2.34 0.00	35.00 -2.27 0.00	34.98 -2.35 0.00	37.80 -2.33 0.00	43.48 -3.32 0.00	55.83 -4.92 0.00	64.44 -5.37 0.00	58.70 -4.76 0.00	53.34 -3.89 0.00	48.78 -3.34 0.00	44.98 -2.52 0.00	43.93 -1.55 0.00
V_CMM_10_SYNC_DSASP 323787	43.06 -0.61 0.01	40.18 -0.65 0.00	40.51 -0.58 0.00	40.53 -0.58 0.00	41.80 -0.55 0.00	46.09 -0.70 0.00	61.09 -0.93 0.00	62.77 -0.83 0.00	51.70 -0.68 0.00	42.26 -0.69 0.00	40.38 -0.70 0.00	37.39 -0.57 0.00	37.07 -0.60 0.00	36.64 -0.63 0.00	36.77 -0.56 0.00	39.53 -0.60 0.00	46.15 -0.66 0.00	60.14 -0.61 0.00	69.25 -0.56 0.00	63.08 -0.38 0.00	56.77 -0.46 0.00	51.54 -0.57 0.00	47.17 -0.33 0.00	45.02 -0.45 0.00
V_CMP_10_SYNC_DSASP 323788	41.13 -2.53 0.01	38.34 -2.49 0.00	38.70 -2.38 0.00	38.80 -2.30 0.00	40.11 -2.25 0.00	44.17 -2.62 0.00	58.79 -3.23 0.00	60.48 -3.11 0.00	49.55 -2.83 0.00	40.33 -2.62 0.00	38.49 -2.59 0.00	35.68 -2.28 0.00	35.30 -2.37 0.00	34.88 -2.39 0.00	35.02 -2.31 0.00	37.68 -2.45 0.00	44.19 -2.62 0.00	58.14 -2.61 0.00	67.23 -2.58 0.00	61.49 -1.97 0.00	55.12 -2.12 0.00	49.72 -2.40 0.00	45.36 -2.14 0.00	43.34 -2.14 0.00
V_D_10_SYNC_DSASP 323841	43.19 -0.48 0.01	40.30 -0.53 0.00	40.63 -0.45 0.00	40.65 -0.45 0.00	41.93 -0.42 0.00	46.23 -0.56 0.00	61.27 -0.74 0.00	63.02 -0.57 0.00	51.86 -0.52 0.00	42.39 -0.56 0.00	40.51 -0.58 0.00	37.51 -0.45 0.00	37.18 -0.49 0.00	36.75 -0.52 0.00	36.89 -0.45 0.00	39.65 -0.48 0.00	46.34 -0.47 0.00	60.33 -0.42 0.00	69.60 -0.21 0.00	63.52 0.06 0.00	57.18 -0.06 0.00	51.91 -0.21 0.00	47.50 0.00 0.00	45.38 -0.09 0.00
V_E_10_SYNC_DSASP 323830	46.51 2.84 0.00	43.12 2.29 0.00	43.26 2.18 0.00	43.49 2.38 0.00	44.85 2.50 0.00	50.49 3.70 0.00	67.41 5.39 0.00	68.69 5.09 0.00	55.99 3.61 0.00	45.01 2.06 0.00	42.73 1.64 0.00	39.29 1.33 0.00	39.29 1.62 0.00	38.76 1.49 0.00	39.05 1.72 0.00	42.34 2.21 0.00	49.85 3.04 0.00	65.49 4.74 0.00	76.51 6.70 0.00	69.55 6.09 0.00	62.61 5.38 0.00	56.91 4.79 0.00	51.68 4.18 0.00	49.65 4.18 0.00
V_F_30_NSYNC___DSASP 323816	46.78 3.10 0.00	43.86 3.02 0.00	44.04 2.96 0.00	44.10 3.00 0.00	45.45 3.09 0.00	50.26 3.46 0.00	66.72 4.71 0.00	68.24 4.64 0.00	55.89 3.51 0.00	45.78 2.83 0.00	43.59 2.51 0.00	40.01 2.05 0.00	39.67 2.00 0.00	39.21 1.94 0.00	39.31 1.98 0.00	42.46 2.33 0.00	49.94 3.14 0.00	64.64 3.89 0.00	74.14 4.33 0.00	67.20 3.74 0.00	60.67 3.43 0.00	55.30 3.18 0.00	50.25 2.75 0.00	48.20 2.73 0.00

V_F_30_SYNC_DSASP 323786	46.25 2.58 0.00	43.33 2.49 0.00	43.55 2.47 0.00	43.57 2.47 0.00	44.90 2.54 0.00	49.55 2.76 0.00	65.67 3.66 0.00	67.29 3.69 0.00	55.32 2.93 0.00	45.40 2.45 0.00	43.42 2.34 0.00	39.90 1.94 0.00	39.56 1.88 0.00	39.13 1.86 0.00	39.20 1.87 0.00	42.30 2.17 0.00	49.47 2.67 0.00	63.79 3.04 0.00	73.09 3.28 0.00	66.25 2.79 0.00	59.81 2.58 0.00	54.51 2.40 0.00	49.59 2.09 0.00	47.52 2.05 0.00
V_XM_10_SYNC_DSASP 323789	41.13 -2.53 0.01	38.34 -2.49 0.00	38.70 -2.38 0.00	38.80 -2.30 0.00	40.11 -2.25 0.00	44.17 -2.62 0.00	58.79 -3.23 0.00	60.48 -3.11 0.00	49.55 -2.83 0.00	40.33 -2.62 0.00	38.49 -2.59 0.00	35.68 -2.28 0.00	35.30 -2.37 0.00	34.88 -2.39 0.00	35.02 -2.31 0.00	37.68 -2.45 0.00	44.19 -2.62 0.00	58.14 -2.61 0.00	67.23 -2.58 0.00	61.49 -1.97 0.00	55.12 -2.12 0.00	49.72 -2.40 0.00	45.36 -2.14 0.00	43.34 -2.14 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	46.08 2.40 0.00	43.08 2.25 0.00	43.22 2.14 0.00	43.24 2.14 0.00	44.60 2.24 0.00	49.18 2.39 0.00	65.42 3.41 0.00	67.22 3.63 0.00	55.42 3.04 0.00	45.61 2.66 0.00	43.50 2.42 0.00	40.20 2.24 0.00	39.82 2.15 0.00	39.43 2.16 0.00	39.42 2.09 0.00	42.50 2.37 0.00	49.57 2.76 0.00	64.22 3.46 0.00	73.51 3.70 0.00	66.76 3.30 0.00	60.15 2.92 0.00	54.83 2.71 0.00	49.73 2.23 0.00	47.25 1.77 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	46.47 2.80 0.00	43.41 2.57 0.00	43.55 2.47 0.00	43.57 2.47 0.00	44.98 2.63 0.00	49.55 2.76 0.00	66.17 4.15 0.00	67.92 4.32 0.00	56.10 3.72 0.00	46.34 3.39 0.00	44.20 3.12 0.00	40.88 2.92 0.00	40.42 2.75 0.00	40.03 2.76 0.00	39.98 2.65 0.00	43.06 2.93 0.00	50.13 3.32 0.00	64.88 4.13 0.00	74.21 4.40 0.00	67.33 3.87 0.00	60.61 3.38 0.00	55.29 3.18 0.00	50.11 2.61 0.00	47.56 2.09 0.00
W50THST__13_KV_LOAD 356117	46.60 2.93 0.00	43.57 2.74 0.00	43.67 2.59 0.00	43.70 2.59 0.00	45.11 2.75 0.00	49.74 2.95 0.00	66.54 4.53 0.00	68.24 4.64 0.00	56.31 3.93 0.00	46.56 3.61 0.00	44.41 3.33 0.00	41.07 3.11 0.00	40.61 2.94 0.00	40.22 2.94 0.00	40.17 2.84 0.00	43.26 3.13 0.00	50.36 3.56 0.00	65.19 4.43 0.00	74.56 4.75 0.00	67.65 4.19 0.00	60.84 3.61 0.00	55.45 3.34 0.00	50.25 2.75 0.00	47.70 2.23 0.00
WADING RIVER_IC_1 23522	46.95 3.28 0.00	43.82 2.98 0.00	43.84 2.75 0.00	43.98 2.88 0.00	45.24 2.88 0.00	50.07 3.27 0.00	65.42 3.41 0.00	67.09 3.50 0.00	56.62 4.24 0.00	47.03 4.08 0.00	44.53 3.45 0.00	41.19 3.22 0.00	40.54 2.86 0.00	39.81 2.54 0.00	40.06 2.72 0.00	43.47 3.33 -0.01	50.56 3.51 -0.24	64.09 3.34 0.00	74.70 4.89 0.00	66.95 3.49 0.00	60.15 2.92 0.00	56.09 3.96 -0.02	51.06 3.32 -0.24	47.88 2.41 0.00
WADING RIVER_IC_2 23547	46.95 3.28 0.00	43.82 2.98 0.00	43.84 2.75 0.00	43.98 2.88 0.00	45.24 2.88 0.00	50.07 3.27 0.00	65.42 3.41 0.00	67.09 3.50 0.00	56.62 4.24 0.00	47.03 4.08 0.00	44.53 3.45 0.00	41.19 3.22 0.00	40.54 2.86 0.00	39.81 2.54 0.00	40.06 2.72 0.00	43.47 3.33 -0.01	50.56 3.51 -0.24	64.09 3.34 0.00	74.70 4.89 0.00	66.95 3.49 0.00	60.15 2.92 0.00	56.09 3.96 -0.02	51.06 3.32 -0.24	47.88 2.41 0.00
WADING RIVER_IC_3 23601	46.95 3.28 0.00	43.82 2.98 0.00	43.84 2.75 0.00	43.98 2.88 0.00	45.24 2.88 0.00	50.07 3.27 0.00	65.42 3.41 0.00	67.09 3.50 0.00	56.62 4.24 0.00	47.03 4.08 0.00	44.53 3.45 0.00	41.19 3.22 0.00	40.54 2.86 0.00	39.81 2.54 0.00	40.06 2.72 0.00	43.47 3.33 -0.01	50.56 3.51 -0.24	64.09 3.34 0.00	74.70 4.89 0.00	66.95 3.49 0.00	60.15 2.92 0.00	56.09 3.96 -0.02	51.06 3.32 -0.24	47.88 2.41 0.00
WALDENNY_12_KV_BK2 80841	41.97 -1.70 0.00	39.24 -1.59 0.00	39.28 -1.81 0.00	39.30 -1.81 0.00	40.49 -1.86 0.00	45.16 -1.64 0.00	59.66 -2.36 0.00	59.66 -3.94 0.00	49.50 -2.88 0.00	40.37 -2.58 0.00	38.82 -2.26 0.00	35.76 -2.20 0.00	35.87 -1.81 0.00	35.48 -1.79 0.00	35.54 -1.79 0.00	38.37 -1.77 0.00	44.05 -2.76 0.00	56.32 -4.43 0.00	65.62 -4.19 0.00	59.91 -3.55 0.00	54.49 -2.75 0.00	49.93 -2.19 0.00	46.17 -1.33 0.00	45.47 0.00 0.00
WALDEN__HYDRO 24148	45.95 2.27 0.00	42.96 2.12 0.00	43.18 2.10 0.00	43.16 2.06 0.00	44.52 2.16 0.00	49.09 2.29 0.00	65.30 3.29 0.00	66.97 3.37 0.00	55.16 2.78 0.00	45.31 2.36 0.00	43.22 2.14 0.00	39.93 1.97 0.00	39.56 1.88 0.00	39.13 1.86 0.00	39.20 1.87 0.00	42.22 2.09 0.00	49.33 2.53 0.00	63.97 3.22 0.00	73.30 3.49 0.00	66.57 3.11 0.00	59.98 2.75 0.00	54.62 2.50 0.00	49.64 2.14 0.00	47.25 1.77 0.00
WARRENSBURG____ 23737	47.65 3.97 0.00	44.76 3.92 0.00	44.91 3.82 0.00	45.01 3.91 0.00	46.34 3.98 0.00	51.38 4.59 0.00	68.46 6.45 0.00	70.02 6.42 0.00	57.04 4.66 0.00	46.60 3.65 0.00	44.41 3.33 0.00	40.54 2.58 0.00	40.16 2.49 0.00	39.66 2.39 0.00	39.83 2.50 0.00	43.22 3.09 0.00	50.97 4.17 0.00	65.92 5.16 0.00	75.75 5.93 0.00	68.54 5.08 0.00	61.93 4.69 0.00	56.34 4.22 0.00	51.11 3.61 0.00	49.07 3.59 0.00
WATERSIDE____6 8 9 23538	44.62 3.01 2.07	41.27 2.82 2.38	41.44 2.71 2.36	41.57 2.71 2.25	43.14 2.84 2.05	48.05 2.90 1.65	66.04 4.03 0.00	68.07 4.52 0.04	54.99 3.82 1.22	44.55 3.56 1.96	43.01 3.29 1.36	40.99 3.04 0.01	40.57 2.90 0.01	40.17 2.91 0.01	40.16 2.84 0.01	41.15 3.13 2.11	48.11 3.56 2.26	57.15 4.43 8.03	68.65 4.68 5.84	60.90 4.12 6.68	52.94 3.55 7.84	53.87 3.34 1.58	48.22 2.80 2.08	45.66 2.27 2.08
WATKINRD_115KV_LN8_ILLION 55919	44.07 0.39 0.00	41.16 0.33 0.00	41.41 0.33 0.00	41.43 0.33 0.00	42.69 0.34 0.00	47.22 0.42 0.00	62.63 0.62 0.00	64.23 0.64 0.00	52.85 0.47 0.00	43.25 0.30 0.00	41.37 0.29 0.00	38.19 0.23 0.00	37.94 0.26 0.00	37.53 0.26 0.00	37.59 0.26 0.00	40.45 0.32 0.00	47.23 0.42 0.00	61.48 0.73 0.00	70.65 0.84 0.00	64.16 0.70 0.00	57.92 0.69 0.00	52.74 0.63 0.00	47.97 0.47 0.00	45.93 0.45 0.00
WATSON____69_KV_BK 1 55734	47.96 4.28 0.00	44.88 4.04 0.00	44.86 3.78 0.00	44.93 3.82 0.00	46.59 4.24 0.00	51.43 4.63 0.00	67.66 5.64 0.00	69.45 5.85 0.00	57.78 5.40 0.00	47.54 4.60 0.00	45.27 4.19 0.00	41.91 3.95 0.00	41.10 3.43 0.00	40.66 3.39 0.00	40.80 3.47 0.00	44.43 4.29 0.00	51.17 4.03 -0.34	66.89 6.14 0.00	76.86 7.05 0.00	69.17 5.71 0.00	62.04 4.81 0.00	57.44 5.32 -0.01	51.43 3.61 -0.32	49.07 3.59 0.00
WDELAWARE__HYD 323627	46.65 2.97 0.00	43.65 2.82 0.00	43.88 2.80 0.00	43.82 2.71 0.00	45.19 2.84 0.00	49.88 3.09 0.00	66.48 4.47 0.00	67.93 4.33 0.00	55.78 3.40 0.00	45.70 2.75 0.00	43.38 2.30 0.00	40.05 2.09 0.00	39.63 1.96 0.00	39.13 1.86 0.00	39.20 1.87 0.00	42.10 1.97 0.00	49.38 2.57 0.00	64.21 3.46 0.00	73.79 3.98 0.00	67.07 3.62 0.00	60.44 3.20 0.00	55.03 2.92 0.00	49.97 2.47 0.00	47.61 2.14 0.00

WEST BABYLON___IC 23714	47.65 3.97 0.00	44.55 3.72 0.00	44.58 3.49 0.00	44.64 3.54 0.00	46.25 3.90 0.00	51.05 4.26 0.00	67.16 5.15 0.00	68.94 5.34 0.00	57.36 4.98 0.00	47.24 4.29 0.00	45.02 3.94 0.00	41.68 3.72 0.00	40.91 3.24 0.00	40.48 3.21 0.00	40.62 3.29 0.00	44.15 4.01 0.00	51.49 4.21 -0.47	66.34 5.59 0.00	76.23 6.42 0.00	68.66 5.20 0.00	61.64 4.41 0.00	56.98 4.85 -0.01	51.75 3.80 -0.45	48.75 3.27 0.00
WEST CANADA___HYD 24049	44.16 0.48 0.00	41.25 0.41 0.00	41.50 0.41 0.00	41.52 0.41 0.00	42.78 0.42 0.00	47.26 0.47 0.00	62.63 0.62 0.00	64.23 0.64 0.00	52.91 0.52 0.00	43.38 0.43 0.00	41.45 0.37 0.00	38.30 0.34 0.00	38.01 0.34 0.00	37.61 0.33 0.00	37.67 0.34 0.00	40.49 0.36 0.00	47.28 0.47 0.00	61.42 0.67 0.00	70.58 0.77 0.00	64.09 0.63 0.00	57.80 0.57 0.00	52.69 0.57 0.00	47.97 0.47 0.00	45.93 0.45 0.00
WESTERN_NY_WIND 24143	42.32 -1.35 0.00	39.53 -1.31 0.00	39.61 -1.48 0.00	39.63 -1.48 0.00	40.83 -1.52 0.00	45.67 -1.12 0.00	60.40 -1.61 0.00	60.86 -2.73 0.00	50.50 -1.89 0.00	41.01 -1.93 0.00	39.36 -1.73 0.00	36.29 -1.67 0.00	36.28 -1.39 0.00	35.93 -1.34 0.00	35.88 -1.46 0.00	38.77 -1.36 0.00	44.79 -2.01 0.00	57.41 -3.34 0.00	66.88 -2.93 0.00	60.98 -2.47 0.00	55.40 -1.83 0.00	50.60 -1.51 0.00	46.64 -0.85 0.00	45.61 0.14 0.00
WESTOVER___LESR 323668	43.81 0.13 0.00	40.92 0.08 0.00	41.17 0.08 0.00	41.15 0.04 0.00	42.40 0.04 0.00	47.03 0.23 0.00	62.45 0.43 0.00	63.60 0.00 0.00	52.38 0.00 0.00	42.82 -0.13 0.00	40.92 -0.16 0.00	37.81 -0.15 0.00	37.64 -0.04 0.00	37.20 -0.07 0.00	37.26 -0.07 0.00	40.09 -0.04 0.00	46.71 -0.09 0.00	60.45 -0.30 0.00	69.81 0.00 0.00	63.59 0.13 0.00	57.40 0.17 0.00	52.32 0.21 0.00	47.78 0.28 0.00	46.02 0.55 0.00
WETHRSFD_WT_PWR 323626	40.79 -2.88 0.00	38.18 -2.65 0.00	38.33 -2.75 0.00	38.35 -2.75 0.00	39.60 -2.75 0.00	44.13 -2.67 0.00	58.35 -3.66 0.00	58.70 -4.90 0.00	47.98 -4.40 0.00	39.08 -3.87 0.00	37.38 -3.70 0.00	34.47 -3.49 0.00	34.40 -3.28 0.00	34.03 -3.24 0.00	34.08 -3.25 0.00	36.76 -3.37 0.00	42.78 -4.03 0.00	55.41 -5.35 0.00	64.44 -5.37 0.00	59.08 -4.38 0.00	53.86 -3.38 0.00	49.35 -2.76 0.00	45.50 -1.99 0.00	44.47 -1.00 0.00
WHAVSTOR_138KV_BK127 55557	45.90 2.23 0.00	42.92 2.08 0.00	43.10 2.01 0.00	43.12 2.01 0.00	44.47 2.12 0.00	49.04 2.25 0.00	65.24 3.22 0.00	66.97 3.37 0.00	55.26 2.88 0.00	45.52 2.58 0.00	43.42 2.34 0.00	40.12 2.16 0.00	39.75 2.07 0.00	39.32 2.05 0.00	39.35 2.02 0.00	42.38 2.25 0.00	49.43 2.62 0.00	64.03 3.28 0.00	73.30 3.49 0.00	66.51 3.05 0.00	59.92 2.69 0.00	54.62 2.50 0.00	49.59 2.09 0.00	47.11 1.64 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	45.90 2.23 0.00	42.92 2.08 0.00	43.10 2.01 0.00	43.12 2.01 0.00	44.47 2.12 0.00	49.04 2.25 0.00	65.24 3.22 0.00	66.97 3.37 0.00	55.26 2.88 0.00	45.52 2.58 0.00	43.42 2.34 0.00	40.12 2.16 0.00	39.75 2.07 0.00	39.32 2.05 0.00	39.35 2.02 0.00	42.38 2.25 0.00	49.43 2.62 0.00	64.03 3.28 0.00	73.30 3.49 0.00	66.51 3.05 0.00	59.92 2.69 0.00	54.62 2.50 0.00	49.59 2.09 0.00	47.11 1.64 0.00
WHITEHAL_115KV_TB1 80871	48.18 4.50 0.00	45.29 4.45 0.00	45.40 4.31 0.00	45.54 4.44 0.00	46.89 4.53 0.00	52.03 5.24 0.00	69.39 7.38 0.00	70.91 7.31 0.00	57.57 5.19 0.00	46.98 4.04 0.00	44.65 3.57 0.00	40.66 2.70 0.00	40.27 2.60 0.00	39.73 2.46 0.00	39.95 2.61 0.00	43.38 3.25 0.00	51.30 4.49 0.00	66.71 5.95 0.00	76.86 7.05 0.00	69.49 6.03 0.00	62.84 5.61 0.00	57.07 4.95 0.00	51.77 4.27 0.00	49.70 4.23 0.00
WHITEPLN_13_KV_LOAD 356215	46.73 3.06 0.00	43.74 2.90 0.00	43.88 2.79 0.00	43.90 2.80 0.00	45.32 2.96 0.00	49.98 3.18 0.00	66.60 4.59 0.00	68.50 4.90 0.00	56.52 4.14 0.00	46.47 3.52 0.00	44.37 3.29 0.00	41.00 3.04 0.00	40.54 2.86 0.00	40.14 2.87 0.00	40.17 2.84 0.00	43.26 3.13 0.00	50.50 3.70 0.00	65.49 4.74 0.00	75.05 5.24 0.00	68.09 4.63 0.00	61.30 4.06 0.00	55.82 3.70 0.00	50.59 3.09 0.00	47.97 2.50 0.00
WM_FLOYD_69_KV_BK2 356380	47.17 3.49 0.00	44.14 3.31 0.00	44.13 3.04 0.00	44.19 3.08 0.00	45.79 3.43 0.00	50.35 3.56 0.00	65.92 3.91 0.00	67.92 4.32 0.00	56.78 4.40 0.00	46.94 3.99 0.00	44.61 3.53 0.00	41.38 3.42 0.00	40.57 2.90 0.00	40.03 2.76 0.00	40.17 2.84 0.00	43.75 3.61 0.00	50.89 3.84 -0.25	65.37 4.62 0.00	75.26 5.45 0.00	67.46 4.00 0.00	60.49 3.26 0.00	56.29 4.17 -0.01	51.39 3.66 -0.24	48.06 2.59 0.00
WOODARD___115KV_TB2 355635	42.94 -0.74 0.00	40.18 -0.65 0.00	40.39 -0.70 0.00	40.37 -0.74 0.00	41.55 -0.80 0.00	46.14 -0.66 0.00	61.27 -0.74 0.00	62.64 -0.95 0.00	51.60 -0.79 0.00	42.26 -0.69 0.00	40.51 -0.58 0.00	37.47 -0.49 0.00	37.26 -0.41 0.00	36.82 -0.45 0.00	36.85 -0.49 0.00	39.61 -0.52 0.00	46.06 -0.75 0.00	59.42 -1.34 0.00	68.49 -1.33 0.00	62.25 -1.21 0.00	56.20 -1.03 0.00	51.23 -0.89 0.00	46.69 -0.81 0.00	44.84 -0.64 0.00
YORK___WARBASSE 23770	61.41 3.36 -14.37	60.53 3.14 -16.55	60.50 3.04 -16.37	59.75 3.04 -15.60	59.76 3.18 -14.22	61.48 3.28 -11.41	66.48 4.46 0.00	68.92 5.02 -0.30	65.07 4.24 -8.44	64.99 3.91 -18.13	65.00 3.57 -20.35	66.95 3.30 -25.69	67.00 3.16 -26.16	68.11 3.17 -27.67	67.05 3.10 -26.62	65.16 3.45 -21.58	66.37 3.93 -15.63	121.28 4.92 -55.61	115.50 5.24 -40.45	115.50 4.63 -47.41	115.51 4.01 -54.27	66.82 3.75 -10.95	65.08 3.18 -14.40	62.53 2.64 -14.42