

Day Ahead Market Generator LBMP

Generator Data		--- Marginal Cost of Losses														--- Marginal Cost of Congestion										03/13/2025	
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	46.19	42.88	40.29	40.06	40.37	46.97	60.74	84.78	67.89	55.78	53.85	51.74	47.43	45.24	45.18	46.72	46.79	55.79	67.68	80.88	65.27	54.11	47.30	43.10		
		1.94	1.65	1.51	1.50	1.51	1.89	2.50	4.26	3.29	2.72	2.58	2.38	2.32	2.15	2.14	2.25	2.77	3.26	3.71	4.58	3.22	2.67	2.55	2.13		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.75	-4.39	-7.49	-5.10	-4.72	-5.40	-5.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
74TH STREET_GT_1	24260	46.15	42.84	40.14	39.91	40.25	46.79	60.56	84.79	67.83	55.73	53.80	51.69	47.38	45.24	45.14	46.72	46.78	55.79	67.62	80.80	65.28	54.11	47.26	43.14		
		1.90	1.61	1.36	1.35	1.40	1.71	2.33	4.27	3.23	2.67	2.53	2.34	2.28	2.15	2.11	2.25	2.77	3.26	3.65	4.50	3.23	2.67	2.51	2.17		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.74	-4.38	-7.48	-5.09	-4.71	-5.39	-5.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
74TH STREET_GT_2	24261	46.15	42.84	40.14	39.91	40.25	46.79	60.56	84.79	67.83	55.73	53.80	51.69	47.38	45.24	45.14	46.72	46.78	55.79	67.62	80.80	65.28	54.11	47.26	43.14		
		1.90	1.61	1.36	1.35	1.40	1.71	2.33	4.27	3.23	2.67	2.53	2.34	2.28	2.15	2.11	2.25	2.77	3.26	3.65	4.50	3.23	2.67	2.51	2.17		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.74	-4.38	-7.48	-5.09	-4.71	-5.39	-5.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
ADK HUDSON___FALLS	24011	46.19	42.96	40.41	40.06	40.45	47.19	61.03	84.71	67.89	53.61	50.10	45.72	43.07	41.19	40.53	41.96	45.95	54.90	66.92	80.19	64.90	53.59	46.72	42.77		
		1.95	1.73	1.63	1.50	1.59	2.12	2.80	4.19	3.29	2.57	2.06	1.88	1.72	1.57	1.47	1.63	1.94	2.36	2.94	3.89	2.85	2.16	1.97	1.80		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.72	-1.16	-1.97	-1.34	-1.24	-1.42	-1.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
ADK RESOURCE___RCVRY	23798	46.28	43.05	40.53	40.14	40.56	47.41	61.20	84.95	68.15	53.71	50.15	45.79	43.11	41.23	40.56	41.99	45.99	54.95	67.04	80.34	65.03	53.64	46.77	42.82		
		2.04	1.81	1.75	1.58	1.71	2.34	2.97	4.43	3.55	2.67	2.11	1.97	1.76	1.61	1.51	1.67	1.98	2.42	3.07	4.04	2.98	2.21	2.02	1.85		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.72	-1.15	-1.96	-1.34	-1.24	-1.41	-1.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
ADK S GLENS___FALLS	24028	46.19	42.96	40.41	40.06	40.45	47.19	61.03	84.71	67.89	53.61	50.10	45.72	43.07	41.19	40.53	41.96	45.95	54.90	66.92	80.19	64.90	53.59	46.72	42.77		
		1.95	1.73	1.63	1.50	1.59	2.12	2.80	4.19	3.29	2.57	2.06	1.88	1.72	1.57	1.47	1.63	1.94	2.36	2.94	3.89	2.85	2.16	1.97	1.80		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.72	-1.16	-1.97	-1.34	-1.24	-1.42	-1.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
ADK_NYS___DAM	23527	46.28	43.21	40.45	40.21	40.53	47.15	60.68	83.90	67.31	53.51	50.39	46.13	43.47	41.68	41.09	42.46	46.21	55.16	66.92	79.96	64.53	53.54	46.77	42.90		
		2.04	1.98	1.67	1.66	1.67	2.07	2.45	3.38	2.71	2.32	2.11	1.89	1.84	1.80	1.73	1.83	2.20	2.63	2.94	3.66	2.48	2.11	2.02	1.93		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.87	-1.39	-2.38	-1.62	-1.50	-1.71	-1.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
AIR_PRODUCTS___DRP	24190	45.66	42.55	39.95	39.67	40.02	46.42	59.92	83.10	66.53	52.80	49.61	45.34	42.76	41.00	40.43	41.74	45.55	54.32	66.02	78.90	63.91	52.98	46.19	42.32		
		1.42	1.32	1.16	1.12	1.17	1.35	1.69	2.58	1.94	1.71	1.50	1.38	1.32	1.30	1.28	1.32	1.54	1.79	2.05	2.59	1.86	1.54	1.43	1.35		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.77	-1.23	-2.09	-1.42	-1.32	-1.51	-1.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
AKWESSNE_115KV_BK	355683	45.00	41.89	39.40	39.17	39.52	45.79	59.17	81.57	65.82	51.13	47.63	42.53	40.73	39.07	38.28	39.47	44.76	53.48	65.19	77.52	63.17	52.36	45.42	41.55		
		0.75	0.66	0.62	0.62	0.66	0.72	0.93	1.05	1.23	0.81	0.75	0.67	0.72	0.69	0.64	0.62	0.75	0.95	1.22	1.22	1.12	0.93	0.67	0.57		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	46.10	42.96	40.41	40.14	40.45	47.01	60.57	83.74	67.05	52.92	49.57	45.11	42.56	40.78	40.16	41.53	45.51	54.48	66.40	79.43	64.41	53.39	46.55	42.65		
		1.86	1.73	1.63	1.58	1.59	1.94	2.33	3.22	2.45	1.91	1.59	1.38	1.28	1.23	1.17	1.28	1.50	1.94	2.43	3.13	2.36	1.95	1.79	1.68		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.69	-1.10	-1.87	-1.27	-1.18	-1.35	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
ALBANY_2_SOLAR	323834	46.10	42.96	40.41	40.14	40.45	47.01	60.57	83.74	66.99	52.92	49.57	45.11	42.56	40.75	40.16	41.53	45.51	54.48	66.40	79.43	64.41	53.34	46.55	42.65		
		1.86	1.73	1.63	1.58	1.59	1.94	2.33	3.22	2.39	1.91	1.59	1.38	1.28	1.19	1.17	1.28	1.50	1.94	2.43	3.13	2.36	1.90	1.79	1.68		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.69	-1.10	-1.87	-1.27	-1.18	-1.35	-1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
ALBANY___1	23571	45.66	42.55	39.95	39.67	40.02	46.42	59.92	83.10	66.53	52.80	49.61	45.34	42.76	41.00	40.43	41.74	45.55	54.32	66.02	78.90	63.91	52.98	46.19	42.32		
		1.42	1.32	1.16	1.12	1.17	1.35	1.69	2.58	1.94	1.71	1.50	1.38	1.32	1.30	1.28	1.32	1.54	1.79	2.05	2.59	1.86	1.54	1.43	1.35		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.77	-1.23	-2.09	-1.42	-1.32	-1.51	-1.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		

ALBANY___2 23572	45.66 1.42 0.00	42.55 1.32 0.00	39.95 1.16 0.00	39.67 1.12 0.00	40.02 1.17 0.00	46.42 1.35 0.00	59.92 1.69 0.00	83.10 2.58 0.00	66.53 1.94 0.00	52.80 1.71 -0.77	49.61 1.50 -1.23	45.34 1.38 -2.09	42.76 1.32 -1.42	41.00 1.30 -1.32	40.43 1.28 -1.51	41.74 1.32 -1.57	45.55 1.54 0.00	54.32 1.79 0.00	66.02 2.05 0.00	78.90 2.59 0.00	63.91 1.86 0.00	52.98 1.54 0.00	46.19 1.43 0.00	42.32 1.35 0.00
ALBANY___3 23573	45.66 1.42 0.00	42.55 1.32 0.00	39.95 1.16 0.00	39.67 1.12 0.00	40.02 1.17 0.00	46.42 1.35 0.00	59.92 1.69 0.00	83.10 2.58 0.00	66.53 1.94 0.00	52.80 1.71 -0.77	49.61 1.50 -1.23	45.34 1.38 -2.09	42.76 1.32 -1.42	41.00 1.30 -1.32	40.43 1.28 -1.51	41.74 1.32 -1.57	45.55 1.54 0.00	54.32 1.79 0.00	66.02 2.05 0.00	78.90 2.59 0.00	63.91 1.86 0.00	52.98 1.54 0.00	46.19 1.43 0.00	42.32 1.35 0.00
ALBANY___4 23574	45.66 1.42 0.00	42.55 1.32 0.00	39.95 1.16 0.00	39.67 1.12 0.00	40.02 1.17 0.00	46.42 1.35 0.00	59.92 1.69 0.00	83.10 2.58 0.00	66.53 1.94 0.00	52.80 1.71 -0.77	49.61 1.50 -1.23	45.34 1.38 -2.09	42.76 1.32 -1.42	41.00 1.30 -1.32	40.43 1.28 -1.51	41.74 1.32 -1.57	45.55 1.54 0.00	54.32 1.79 0.00	66.02 2.05 0.00	78.90 2.59 0.00	63.91 1.86 0.00	52.98 1.54 0.00	46.19 1.43 0.00	42.32 1.35 0.00
ALBANY___LFGE 323615	45.92 1.68 0.00	42.80 1.57 0.00	40.22 1.44 0.00	39.90 1.35 0.00	40.25 1.40 0.00	46.78 1.71 0.00	60.27 2.04 0.00	83.50 2.98 0.00	66.92 2.32 0.00	53.09 2.01 -0.76	49.88 1.78 -1.21	45.56 1.63 -2.07	42.98 1.56 -1.41	41.22 1.54 -1.30	40.60 1.47 -1.49	41.96 1.56 -1.55	45.77 1.76 0.00	54.64 2.10 0.00	66.40 2.43 0.00	79.36 3.06 0.00	64.28 2.23 0.00	53.23 1.80 0.00	46.41 1.66 0.00	42.53 1.56 0.00
ALCOA_PA_115KV_PL-6C 55860	45.08 0.84 0.00	41.98 0.74 0.00	39.52 0.74 0.00	39.29 0.73 0.00	39.59 0.74 0.00	45.93 0.86 0.00	59.34 1.11 0.00	81.73 1.21 0.00	66.02 1.42 0.00	51.23 0.91 0.00	47.73 0.84 0.00	42.62 0.75 0.00	40.81 0.80 0.00	39.15 0.77 0.00	38.36 0.72 0.00	39.51 0.66 0.00	44.85 0.84 0.00	53.64 1.10 0.00	65.38 1.41 0.00	77.67 1.37 0.00	63.35 1.30 0.00	52.51 1.08 0.00	45.56 0.81 0.00	41.67 0.70 0.00
ALCOA_RYNLDS___DRP 24188	45.08 0.84 0.00	41.98 0.74 0.00	39.52 0.74 0.00	39.29 0.73 0.00	39.59 0.74 0.00	45.93 0.86 0.00	59.34 1.11 0.00	81.73 1.21 0.00	66.02 1.42 0.00	51.23 0.91 0.00	47.73 0.84 0.00	42.62 0.75 0.00	40.81 0.80 0.00	39.15 0.77 0.00	38.36 0.72 0.00	39.51 0.66 0.00	44.85 0.84 0.00	53.64 1.10 0.00	65.38 1.41 0.00	77.67 1.37 0.00	63.35 1.30 0.00	52.51 1.08 0.00	45.56 0.81 0.00	41.67 0.70 0.00
ALCOA___DSASP 323711	45.08 0.84 0.00	42.01 0.78 0.00	39.52 0.74 0.00	39.29 0.73 0.00	39.59 0.74 0.00	45.93 0.85 0.00	59.28 1.05 0.00	81.73 1.21 0.00	66.01 1.42 0.00	51.23 0.91 0.00	47.73 0.84 0.00	42.62 0.75 0.00	40.81 0.80 0.00	39.15 0.77 0.00	38.36 0.71 0.00	39.51 0.66 0.00	44.85 0.83 0.00	53.64 1.11 0.00	65.38 1.41 0.00	77.68 1.37 0.00	63.35 1.31 0.00	52.52 1.08 0.00	45.56 0.81 0.00	41.67 0.70 0.00
ALLEGHENY___COGEN 23514	44.20 -0.04 0.00	41.19 -0.04 0.00	38.82 0.04 0.00	38.75 0.19 0.00	39.20 0.35 0.00	45.57 0.50 0.00	59.46 1.22 0.00	80.76 0.24 0.00	63.82 -0.77 0.00	48.56 -1.76 0.00	45.10 -1.78 0.00	39.85 -2.01 0.00	37.85 -2.16 0.00	36.34 -2.04 0.00	35.72 -1.92 0.00	36.94 -1.90 0.00	41.72 -2.29 0.00	50.43 -2.10 0.00	62.69 -1.28 0.00	75.39 -0.91 0.00	62.24 0.19 0.00	51.54 0.10 0.00	44.58 -0.18 0.00	40.81 -0.16 0.00
ALTAMONT_115KV_TB 2 55880	45.35 1.11 0.00	42.26 1.03 0.00	39.67 0.89 0.00	39.40 0.85 0.00	39.75 0.89 0.00	46.11 1.04 0.00	59.57 1.34 0.00	82.53 2.01 0.00	66.08 1.49 0.00	52.37 1.31 -0.74	49.20 1.13 -1.19	44.94 1.05 -2.03	42.39 1.00 -1.38	40.62 0.96 -1.28	40.05 0.94 -1.46	41.38 1.01 -1.52	45.20 1.19 0.00	53.95 1.42 0.00	65.57 1.60 0.00	78.36 2.06 0.00	63.54 1.49 0.00	52.67 1.23 0.00	45.92 1.16 0.00	42.04 1.07 0.00
ALTONA_WT_PWR 323606	46.24 1.99 0.00	43.05 1.81 0.00	40.49 1.70 0.00	40.21 1.66 0.00	40.49 1.63 0.00	46.97 1.89 0.00	60.79 2.56 0.00	83.74 3.22 0.00	67.82 3.23 0.00	52.64 2.32 0.00	49.09 2.20 0.00	43.83 1.97 0.00	41.93 1.92 0.00	40.18 1.80 0.00	39.34 1.70 0.00	40.52 1.67 0.00	45.95 1.93 0.00	55.01 2.47 0.00	67.04 3.07 0.00	79.58 3.28 0.00	65.03 2.98 0.00	53.64 2.21 0.00	46.36 1.61 0.00	42.41 1.43 0.00
AMERICAN_REF_FUEL 24010	41.19 -3.05 0.00	38.55 -2.68 0.00	36.26 -2.52 0.00	36.17 -2.39 0.00	36.53 -2.33 0.00	42.23 -2.84 0.00	54.45 -3.78 0.00	73.35 -7.17 0.00	58.85 -5.75 0.00	45.54 -4.78 0.00	42.95 -3.94 0.00	38.35 -3.52 0.00	36.29 -3.72 0.00	34.77 -3.61 0.00	34.07 -3.58 0.00	35.16 -3.69 0.00	39.52 -4.49 0.00	46.81 -5.72 0.00	57.13 -6.84 0.00	67.07 -9.24 0.00	55.84 -6.20 0.00	46.55 -4.89 0.00	40.95 -3.80 0.00	37.90 -3.07 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	43.49 -0.75 0.00	40.70 -0.54 0.00	38.43 -0.35 0.00	38.44 -0.12 0.00	38.89 0.04 0.00	45.16 0.09 0.00	59.05 0.81 0.00	79.87 -0.65 0.00	63.89 -0.71 0.00	49.36 -0.96 0.00	46.51 -0.38 0.00	41.40 -0.46 0.00	39.17 -0.84 0.00	37.50 -0.88 0.00	36.70 -0.94 0.00	37.88 -0.97 0.00	42.34 -1.67 0.00	50.43 -2.10 0.00	61.73 -2.24 0.00	72.95 -3.36 0.00	60.68 -1.37 0.00	50.35 -1.08 0.00	44.08 -0.67 0.00	40.73 -0.24 0.00
ARTHUR KILL_GT_1 23520	56.20 2.17 -9.79	55.48 1.86 -12.39	40.49 1.70 -0.01	40.26 1.69 -0.01	40.57 1.71 -0.01	55.44 1.94 -8.43	60.57 2.33 0.00	84.15 3.63 0.00	67.17 2.59 0.01	57.00 2.67 -4.01	57.74 2.58 -8.28	56.93 2.38 -12.69	56.97 2.36 -14.60	56.97 2.23 -16.36	56.93 2.22 -17.06	56.93 2.33 -15.75	57.73 2.86 -10.86	61.14 3.26 -5.35	67.10 3.13 0.01	80.18 3.89 0.01	64.90 2.86 0.01	60.32 2.83 -6.06	57.74 2.73 -10.25	56.15 2.38 -12.81
ARTHUR_KILL_2 23512	56.07 2.04 -9.79	55.35 1.73 -12.39	40.38 1.59 -0.01	40.15 1.58 -0.01	40.46 1.59 -0.01	55.35 1.85 -8.43	60.39 2.16 0.00	83.90 3.38 0.00	66.98 2.39 0.01	56.85 2.51 -4.01	57.60 2.44 -8.28	56.85 2.30 -12.69	56.85 2.24 -14.60	56.85 2.11 -16.36	56.85 2.14 -17.06	56.85 2.25 -15.75	57.60 2.73 -10.86	60.98 3.10 -5.35	66.85 2.88 0.01	79.96 3.66 0.01	64.71 2.67 0.01	60.17 2.67 -6.06	57.60 2.59 -10.25	56.07 2.29 -12.81
ARTHUR_KILL_3 23513	55.48 1.46 -9.78	54.81 1.20 -12.38	39.83 1.05 0.00	39.60 1.04 0.00	39.90 1.05 0.00	54.84 1.35 -8.42	59.98 1.75 0.00	83.74 3.22 0.00	66.99 2.39 0.00	56.34 2.01 -4.01	57.13 1.97 -8.28	56.39 1.84 -12.68	56.41 1.80 -14.60	56.39 1.65 -16.36	56.36 1.65 -17.06	56.38 1.79 -15.75	57.06 2.20 -10.85	60.45 2.57 -5.35	66.85 2.88 0.00	79.89 3.59 0.00	64.53 2.48 0.00	59.55 2.06 -6.06	56.96 1.97 -10.24	55.45 1.68 -12.80

ARTHUR_KILL_COGEN 323718	56.20 2.17 -9.79	55.48 1.86 -12.39	40.49 1.70 -0.01	40.26 1.69 -0.01	40.57 1.71 -0.01	55.44 1.94 -8.43	60.57 2.33 0.00	84.15 3.63 0.00	67.17 2.59 0.01	57.00 2.67 -4.01	57.74 2.58 -8.28	56.93 2.38 -12.69	56.97 2.36 -14.60	56.97 2.23 -16.36	56.93 2.22 -17.06	56.93 2.33 -15.75	57.73 2.86 -10.86	61.14 3.26 -5.35	67.10 3.13 0.01	80.18 3.89 0.01	64.90 2.86 0.01	60.32 2.83 -6.06	57.74 2.73 -10.25	56.15 2.38 -12.81
ASHOKAN____ 23654	46.90 2.65 0.00	43.62 2.39 0.00	40.99 2.21 0.00	40.79 2.24 0.00	41.07 2.21 0.00	47.78 2.70 0.00	61.85 3.61 0.00	85.75 5.23 0.00	68.21 3.62 0.00	53.69 3.37 0.00	49.65 2.77 0.00	44.33 2.47 0.00	42.29 2.28 0.00	40.49 2.11 0.00	39.71 2.07 0.00	41.10 2.25 0.00	46.12 2.11 0.00	55.11 2.57 0.00	67.68 3.71 0.00	81.11 4.81 0.00	65.71 3.66 0.00	54.36 2.93 0.00	47.39 2.64 0.00	43.39 2.42 0.00
ASTORIA_EAST_ENERGY_CC1 323581	46.06 1.81 0.00	42.68 1.44 0.00	40.06 1.28 0.00	39.83 1.27 0.00	40.10 1.24 0.00	46.51 1.44 0.00	59.92 1.69 0.01	83.74 3.22 0.01	66.98 2.39 0.01	55.17 2.11 -2.74	53.32 2.06 -4.38	51.30 1.97 -7.47	47.05 1.96 -5.08	44.92 1.84 -4.70	44.87 1.84 -5.38	46.40 1.94 -5.61	46.42 2.42 0.01	55.26 2.73 0.01	66.85 2.88 0.01	79.88 3.59 0.01	64.53 2.48 0.01	53.59 2.16 0.01	46.90 2.15 0.00	42.94 1.97 0.00
ASTORIA_EAST_ENERGY_CC2 323582	46.06 1.81 0.00	42.68 1.44 0.00	40.06 1.28 0.00	39.83 1.27 0.00	40.10 1.24 0.00	46.51 1.44 0.00	59.92 1.69 0.01	83.74 3.22 0.01	66.98 2.39 0.01	55.17 2.11 -2.74	53.32 2.06 -4.38	51.30 1.97 -7.47	47.05 1.96 -5.08	44.92 1.84 -4.70	44.87 1.84 -5.38	46.40 1.94 -5.61	46.42 2.42 0.01	55.26 2.73 0.01	66.85 2.88 0.01	79.88 3.59 0.01	64.53 2.48 0.01	53.59 2.16 0.01	46.90 2.15 0.00	42.94 1.97 0.00
ASTORIA_GT2_1 24094	45.97 1.73 0.00	42.59 1.36 0.00	39.91 1.12 0.00	39.64 1.08 0.00	40.02 1.17 0.00	46.33 1.26 0.00	59.81 1.57 0.00	83.82 3.30 0.00	67.05 2.45 0.00	55.23 2.16 -2.74	53.38 2.11 -4.38	51.31 1.97 -7.48	47.06 1.96 -5.09	44.93 1.84 -4.71	44.87 1.84 -5.39	46.40 1.94 -5.61	46.48 2.46 0.00	55.27 2.73 0.00	66.85 2.88 0.00	79.96 3.66 0.00	64.53 2.48 0.00	53.59 2.16 0.00	46.90 2.15 0.00	42.94 1.97 0.00
ASTORIA_GT2_2 24095	45.97 1.73 0.00	42.59 1.36 0.00	39.91 1.12 0.00	39.64 1.08 0.00	40.02 1.17 0.00	46.33 1.26 0.00	59.81 1.57 0.00	83.82 3.30 0.00	67.05 2.45 0.00	55.23 2.16 -2.74	53.38 2.11 -4.38	51.31 1.97 -7.48	47.06 1.96 -5.09	44.93 1.84 -4.71	44.87 1.84 -5.39	46.40 1.94 -5.61	46.48 2.46 0.00	55.27 2.73 0.00	66.85 2.88 0.00	79.96 3.66 0.00	64.53 2.48 0.00	53.59 2.16 0.00	46.90 2.15 0.00	42.94 1.97 0.00
ASTORIA_GT2_3 24096	45.97 1.73 0.00	42.59 1.36 0.00	39.91 1.12 0.00	39.64 1.08 0.00	40.02 1.17 0.00	46.33 1.26 0.00	59.81 1.57 0.00	83.82 3.30 0.00	67.05 2.45 0.00	55.23 2.16 -2.74	53.38 2.11 -4.38	51.31 1.97 -7.48	47.06 1.96 -5.09	44.93 1.84 -4.71	44.87 1.84 -5.39	46.40 1.94 -5.61	46.48 2.46 0.00	55.27 2.73 0.00	66.85 2.88 0.00	79.96 3.66 0.00	64.53 2.48 0.00	53.59 2.16 0.00	46.90 2.15 0.00	42.94 1.97 0.00
ASTORIA_GT2_4 24097	45.97 1.73 0.00	42.59 1.36 0.00	39.91 1.12 0.00	39.64 1.08 0.00	40.02 1.17 0.00	46.33 1.26 0.00	59.81 1.57 0.00	83.82 3.30 0.00	67.05 2.45 0.00	55.23 2.16 -2.74	53.38 2.11 -4.38	51.31 1.97 -7.48	47.06 1.96 -5.09	44.93 1.84 -4.71	44.87 1.84 -5.39	46.40 1.94 -5.61	46.48 2.46 0.00	55.27 2.73 0.00	66.85 2.88 0.00	79.96 3.66 0.00	64.53 2.48 0.00	53.59 2.16 0.00	46.90 2.15 0.00	42.94 1.97 0.00
ASTORIA_GT3_1 24098	45.97 1.73 0.00	42.59 1.36 0.00	39.91 1.12 0.00	39.64 1.08 0.00	40.02 1.17 0.00	46.33 1.26 0.00	59.81 1.57 0.00	83.82 3.30 0.00	67.05 2.45 0.00	55.23 2.16 -2.74	53.38 2.11 -4.38	51.31 1.97 -7.48	47.06 1.96 -5.09	44.93 1.84 -4.71	44.87 1.84 -5.39	46.40 1.94 -5.61	46.48 2.46 0.00	55.27 2.73 0.00	66.85 2.88 0.00	79.96 3.66 0.00	64.53 2.48 0.00	53.59 2.16 0.00	46.90 2.15 0.00	42.94 1.97 0.00
ASTORIA_GT3_2 24099	45.97 1.73 0.00	42.59 1.36 0.00	39.91 1.12 0.00	39.64 1.08 0.00	40.02 1.17 0.00	46.33 1.26 0.00	59.81 1.57 0.00	83.82 3.30 0.00	67.05 2.45 0.00	55.23 2.16 -2.74	53.38 2.11 -4.38	51.31 1.97 -7.48	47.06 1.96 -5.09	44.93 1.84 -4.71	44.87 1.84 -5.39	46.40 1.94 -5.61	46.48 2.46 0.00	55.27 2.73 0.00	66.85 2.88 0.00	79.96 3.66 0.00	64.53 2.48 0.00	53.59 2.16 0.00	46.90 2.15 0.00	42.94 1.97 0.00
ASTORIA_GT3_3 24100	45.97 1.73 0.00	42.59 1.36 0.00	39.91 1.12 0.00	39.64 1.08 0.00	40.02 1.17 0.00	46.33 1.26 0.00	59.81 1.57 0.00	83.82 3.30 0.00	67.05 2.45 0.00	55.23 2.16 -2.74	53.38 2.11 -4.38	51.31 1.97 -7.48	47.06 1.96 -5.09	44.93 1.84 -4.71	44.87 1.84 -5.39	46.40 1.94 -5.61	46.48 2.46 0.00	55.27 2.73 0.00	66.85 2.88 0.00	79.96 3.66 0.00	64.53 2.48 0.00	53.59 2.16 0.00	46.90 2.15 0.00	42.94 1.97 0.00
ASTORIA_GT3_4 24101	45.97 1.73 0.00	42.59 1.36 0.00	39.91 1.12 0.00	39.64 1.08 0.00	40.02 1.17 0.00	46.33 1.26 0.00	59.81 1.57 0.00	83.82 3.30 0.00	67.05 2.45 0.00	55.23 2.16 -2.74	53.38 2.11 -4.38	51.31 1.97 -7.48	47.06 1.96 -5.09	44.93 1.84 -4.71	44.87 1.84 -5.39	46.40 1.94 -5.61	46.48 2.46 0.00	55.27 2.73 0.00	66.85 2.88 0.00	79.96 3.66 0.00	64.53 2.48 0.00	53.59 2.16 0.00	46.90 2.15 0.00	42.94 1.97 0.00
ASTORIA_GT4_1 24102	45.97 1.73 0.00	42.59 1.36 0.00	39.91 1.12 0.00	39.64 1.08 0.00	40.02 1.17 0.00	46.33 1.26 0.00	59.81 1.57 0.00	83.82 3.30 0.00	67.05 2.45 0.00	55.23 2.16 -2.74	53.38 2.11 -4.38	51.31 1.97 -7.48	47.06 1.96 -5.09	44.93 1.84 -4.71	44.87 1.84 -5.39	46.40 1.94 -5.61	46.48 2.46 0.00	55.27 2.73 0.00	66.85 2.88 0.00	79.96 3.66 0.00	64.53 2.48 0.00	53.59 2.16 0.00	46.90 2.15 0.00	42.94 1.97 0.00
ASTORIA_GT4_2 24103	45.97 1.73 0.00	42.59 1.36 0.00	39.91 1.12 0.00	39.64 1.08 0.00	40.02 1.17 0.00	46.33 1.26 0.00	59.81 1.57 0.00	83.82 3.30 0.00	67.05 2.45 0.00	55.23 2.16 -2.74	53.38 2.11 -4.38	51.31 1.97 -7.48	47.06 1.96 -5.09	44.93 1.84 -4.71	44.87 1.84 -5.39	46.40 1.94 -5.61	46.48 2.46 0.00	55.27 2.73 0.00	66.85 2.88 0.00	79.96 3.66 0.00	64.53 2.48 0.00	53.59 2.16 0.00	46.90 2.15 0.00	42.94 1.97 0.00
ASTORIA_GT4_3 24104	45.97 1.73 0.00	42.59 1.36 0.00	39.91 1.12 0.00	39.64 1.08 0.00	40.02 1.17 0.00	46.33 1.26 0.00	59.81 1.57 0.00	83.82 3.30 0.00	67.05 2.45 0.00	55.23 2.16 -2.74	53.38 2.11 -4.38	51.31 1.97 -7.48	47.06 1.96 -5.09	44.93 1.84 -4.71	44.87 1.84 -5.39	46.40 1.94 -5.61	46.48 2.46 0.00	55.27 2.73 0.00	66.85 2.88 0.00	79.96 3.66 0.00	64.53 2.48 0.00	53.59 2.16 0.00	46.90 2.15 0.00	42.94 1.97 0.00

ASTORIA_GT4_4 24105	45.97 1.73 0.00	42.59 1.36 0.00	39.91 1.12 0.00	39.64 1.08 0.00	40.02 1.17 0.00	46.33 1.26 0.00	59.81 1.57 0.00	83.82 3.30 0.00	67.05 2.45 0.00	55.23 2.16 -2.74	53.38 2.11 -4.38	51.31 1.97 -7.48	47.06 1.96 -5.09	44.93 1.84 -4.71	44.87 1.84 -5.39	46.40 1.94 -5.61	46.48 2.46 0.00	55.27 2.73 0.00	66.85 2.88 0.00	79.96 3.66 0.00	64.53 2.48 0.00	53.59 2.16 0.00	46.90 2.15 0.00	42.94 1.97 0.00
ASTORIA_GT_1 23523	46.14 1.90 0.00	42.76 1.53 0.00	40.14 1.36 0.00	39.90 1.35 0.00	40.18 1.32 0.00	46.61 1.53 0.00	60.03 1.81 0.01	83.89 3.38 0.01	67.17 2.59 0.01	55.32 2.27 -2.74	53.46 2.20 -4.38	51.38 2.05 -7.47	47.17 2.08 -5.08	45.00 1.92 -4.70	44.94 1.92 -5.38	46.47 2.02 -5.61	46.55 2.55 0.01	55.36 2.83 0.01	66.97 3.01 0.01	80.03 3.74 0.01	64.65 2.61 0.01	53.69 2.26 0.01	46.99 2.24 0.00	43.02 2.05 0.00
ASTORIA_GT_10 24110	46.06 1.81 0.00	42.76 1.53 0.00	40.06 1.28 0.00	39.83 1.27 0.00	40.22 1.36 0.00	46.56 1.49 0.00	60.16 1.92 0.00	84.22 3.70 0.00	67.37 2.78 0.00	55.43 2.37 -2.74	53.56 2.30 -4.38	51.52 2.18 -7.48	47.22 2.12 -5.09	45.08 2.00 -4.71	45.03 2.00 -5.39	46.56 2.10 -5.61	46.61 2.60 0.00	55.48 2.94 0.00	67.17 3.20 0.00	80.27 3.97 0.00	64.84 2.79 0.00	53.80 2.37 0.00	47.08 2.33 0.00	43.06 2.09 0.00
ASTORIA_GT_11 24225	46.06 1.81 0.00	42.76 1.53 0.00	40.06 1.28 0.00	39.83 1.27 0.00	40.22 1.36 0.00	46.56 1.49 0.00	60.16 1.92 0.00	84.22 3.70 0.00	67.37 2.78 0.00	55.43 2.37 -2.74	53.56 2.30 -4.38	51.52 2.18 -7.48	47.22 2.12 -5.09	45.08 2.00 -4.71	45.03 2.00 -5.39	46.56 2.10 -5.61	46.61 2.60 0.00	55.48 2.94 0.00	67.17 3.20 0.00	80.27 3.97 0.00	64.84 2.79 0.00	53.80 2.37 0.00	47.08 2.33 0.00	43.06 2.09 0.00
ASTORIA_GT_12 24226	46.06 1.81 0.00	42.76 1.53 0.00	40.06 1.28 0.00	39.83 1.27 0.00	40.22 1.36 0.00	46.56 1.49 0.00	60.16 1.92 0.00	84.22 3.70 0.00	67.37 2.78 0.00	55.43 2.37 -2.74	53.56 2.30 -4.38	51.52 2.18 -7.48	47.22 2.12 -5.09	45.08 2.00 -4.71	45.03 2.00 -5.39	46.56 2.10 -5.61	46.61 2.60 0.00	55.48 2.94 0.00	67.17 3.20 0.00	80.27 3.97 0.00	64.84 2.79 0.00	53.80 2.37 0.00	47.08 2.33 0.00	43.06 2.09 0.00
ASTORIA_GT_13 24227	46.06 1.81 0.00	42.76 1.53 0.00	40.06 1.28 0.00	39.83 1.27 0.00	40.22 1.36 0.00	46.56 1.49 0.00	60.16 1.92 0.00	84.22 3.70 0.00	67.37 2.78 0.00	55.43 2.37 -2.74	53.56 2.30 -4.38	51.52 2.18 -7.48	47.22 2.12 -5.09	45.08 2.00 -4.71	45.03 2.00 -5.39	46.56 2.10 -5.61	46.61 2.60 0.00	55.48 2.94 0.00	67.17 3.20 0.00	80.27 3.97 0.00	64.84 2.79 0.00	53.80 2.37 0.00	47.08 2.33 0.00	43.06 2.09 0.00
ASTORIA_GT_5 24106	46.06 1.81 0.00	42.68 1.44 0.00	39.95 1.16 0.00	39.71 1.16 0.00	40.06 1.20 0.00	46.42 1.35 0.00	59.92 1.69 0.00	83.98 3.46 0.00	67.18 2.58 0.00	55.33 2.26 -2.74	53.47 2.20 -4.38	51.39 2.05 -7.48	47.14 2.04 -5.09	45.01 1.92 -4.71	44.95 1.92 -5.39	46.48 2.02 -5.61	46.56 2.55 0.00	55.37 2.84 0.00	66.98 3.01 0.00	80.04 3.74 0.00	64.65 2.61 0.00	53.70 2.26 0.00	46.99 2.24 0.00	43.02 2.05 0.00
ASTORIA_GT_7 24107	46.06 1.81 0.00	42.68 1.44 0.00	39.95 1.16 0.00	39.71 1.16 0.00	40.06 1.20 0.00	46.42 1.35 0.00	59.92 1.69 0.00	83.98 3.46 0.00	67.18 2.58 0.00	55.33 2.26 -2.74	53.47 2.20 -4.38	51.39 2.05 -7.48	47.14 2.04 -5.09	45.01 1.92 -4.71	44.95 1.92 -5.39	46.48 2.02 -5.61	46.56 2.55 0.00	55.37 2.84 0.00	66.98 3.01 0.00	80.04 3.74 0.00	64.65 2.61 0.00	53.70 2.26 0.00	46.99 2.24 0.00	43.02 2.05 0.00
ASTORIA_GT_8 24108	46.06 1.81 0.00	42.68 1.44 0.00	39.95 1.16 0.00	39.71 1.16 0.00	40.06 1.20 0.00	46.42 1.35 0.00	59.92 1.69 0.00	83.98 3.46 0.00	67.18 2.58 0.00	55.33 2.26 -2.74	53.47 2.20 -4.38	51.39 2.05 -7.48	47.14 2.04 -5.09	45.01 1.92 -4.71	44.95 1.92 -5.39	46.48 2.02 -5.61	46.56 2.55 0.00	55.37 2.84 0.00	66.98 3.01 0.00	80.04 3.74 0.00	64.65 2.61 0.00	53.70 2.26 0.00	46.99 2.24 0.00	43.02 2.05 0.00
ASTORIA___2 24149	46.10 1.86 0.00	42.68 1.44 0.00	40.10 1.32 0.00	39.87 1.31 0.00	40.10 1.24 0.00	46.51 1.44 0.00	59.92 1.69 0.01	83.74 3.22 0.01	67.04 2.45 0.01	55.22 2.16 -2.74	53.37 2.11 -4.38	51.30 1.97 -7.47	47.09 2.00 -5.08	44.92 1.84 -4.70	44.87 1.84 -5.38	46.40 1.94 -5.61	46.47 2.46 0.01	55.26 2.73 0.01	66.85 2.88 0.01	79.96 3.66 0.01	64.53 2.48 0.01	53.59 2.16 0.01	46.90 2.15 0.00	42.94 1.97 0.00
ASTORIA___3 23516	46.19 1.94 0.00	42.84 1.61 0.00	40.26 1.47 0.00	40.02 1.46 0.00	40.29 1.44 0.00	46.74 1.67 0.00	60.27 2.04 0.00	84.15 3.63 0.00	67.37 2.78 0.00	55.43 2.37 -2.74	53.56 2.30 -4.38	51.48 2.13 -7.48	47.22 2.12 -5.09	45.08 1.99 -4.71	45.02 1.99 -5.39	46.56 2.10 -5.61	46.61 2.60 0.00	55.48 2.94 0.00	67.17 3.20 0.00	80.27 3.97 0.00	64.84 2.79 0.00	53.80 2.37 0.00	47.08 2.33 0.00	43.06 2.09 0.00
ASTORIA___4 23517	46.06 1.81 0.00	42.76 1.53 0.00	40.06 1.28 0.00	39.83 1.27 0.00	40.22 1.36 0.00	46.56 1.49 0.00	60.16 1.92 0.00	84.22 3.70 0.00	67.37 2.78 0.00	55.43 2.37 -2.74	53.56 2.30 -4.38	51.52 2.18 -7.48	47.22 2.12 -5.09	45.08 2.00 -4.71	45.03 2.00 -5.39	46.56 2.10 -5.61	46.61 2.60 0.00	55.48 2.94 0.00	67.17 3.20 0.00	80.27 3.97 0.00	64.84 2.79 0.00	53.80 2.37 0.00	47.08 2.33 0.00	43.06 2.09 0.00
ASTORIA___5 23518	46.19 1.94 0.00	42.84 1.61 0.00	40.26 1.47 0.00	40.02 1.46 0.00	40.29 1.44 0.00	46.74 1.67 0.00	60.27 2.04 0.00	84.15 3.63 0.00	67.37 2.78 0.00	55.43 2.37 -2.74	53.56 2.30 -4.38	51.48 2.13 -7.48	47.22 2.12 -5.09	45.08 1.99 -4.71	45.02 1.99 -5.39	46.56 2.10 -5.61	46.61 2.60 0.00	55.48 2.94 0.00	67.17 3.20 0.00	80.27 3.97 0.00	64.84 2.79 0.00	53.80 2.37 0.00	47.08 2.33 0.00	43.06 2.09 0.00
AST_ENERGY_2_CC3 323677	45.97 1.72 0.00	42.68 1.44 0.00	40.06 1.28 0.00	39.87 1.31 0.00	40.14 1.28 0.00	46.69 1.62 0.00	60.33 2.09 0.00	84.23 3.71 0.00	67.37 2.78 0.00	55.38 2.32 -2.75	53.47 2.20 -4.39	51.44 2.09 -7.49	47.14 2.04 -5.09	44.97 1.88 -4.71	44.92 1.88 -5.39	46.45 1.98 -5.62	46.47 2.46 0.00	55.42 2.89 0.00	67.17 3.20 0.00	80.27 3.97 0.00	64.84 2.79 0.00	53.80 2.37 0.00	47.03 2.28 0.00	42.90 1.93 0.00
AST_ENERGY_2_CC4 323678	45.97 1.72 0.00	42.68 1.44 0.00	40.06 1.28 0.00	39.87 1.31 0.00	40.14 1.28 0.00	46.69 1.62 0.00	60.33 2.09 0.00	84.23 3.71 0.00	67.37 2.78 0.00	55.38 2.32 -2.75	53.47 2.20 -4.39	51.44 2.09 -7.49	47.14 2.04 -5.09	44.97 1.88 -4.71	44.92 1.88 -5.39	46.45 1.98 -5.62	46.47 2.46 0.00	55.42 2.89 0.00	67.17 3.20 0.00	80.27 3.97 0.00	64.84 2.79 0.00	53.80 2.37 0.00	47.03 2.28 0.00	42.90 1.93 0.00

ATHENS_STG_1 23668	45.35 1.11 0.00	42.22 0.99 0.00	39.67 0.89 0.00	39.40 0.85 0.00	39.71 0.85 0.00	46.15 1.08 0.00	59.46 1.22 0.00	82.45 1.93 0.00	66.08 1.49 0.00	52.68 1.26 -1.10	49.82 1.17 -1.76	45.96 1.09 -3.01	43.10 1.04 -2.05	41.27 1.00 -1.90	40.83 1.02 -2.17	42.19 1.09 -2.26	45.29 1.28 0.00	54.00 1.47 0.00	65.63 1.66 0.00	78.36 2.06 0.00	63.54 1.49 0.00	52.67 1.23 0.00	45.91 1.16 0.00	42.00 1.02 0.00
ATHENS_STG_2 23670	45.35 1.11 0.00	42.22 0.99 0.00	39.67 0.89 0.00	39.40 0.85 0.00	39.71 0.85 0.00	46.15 1.08 0.00	59.46 1.22 0.00	82.45 1.93 0.00	66.08 1.49 0.00	52.68 1.26 -1.10	49.82 1.17 -1.76	45.96 1.09 -3.01	43.10 1.04 -2.05	41.27 1.00 -1.90	40.83 1.02 -2.17	42.19 1.09 -2.26	45.29 1.28 0.00	54.00 1.47 0.00	65.63 1.66 0.00	78.36 2.06 0.00	63.54 1.49 0.00	52.67 1.23 0.00	45.91 1.16 0.00	42.00 1.02 0.00
ATHENS_STG_3 23677	45.35 1.11 0.00	42.22 0.99 0.00	39.67 0.89 0.00	39.40 0.85 0.00	39.71 0.85 0.00	46.15 1.08 0.00	59.46 1.22 0.00	82.45 1.93 0.00	66.08 1.49 0.00	52.68 1.26 -1.10	49.82 1.17 -1.76	45.96 1.09 -3.01	43.10 1.04 -2.05	41.27 1.00 -1.90	40.83 1.02 -2.17	42.19 1.09 -2.26	45.29 1.28 0.00	54.00 1.47 0.00	65.63 1.66 0.00	78.36 2.06 0.00	63.54 1.49 0.00	52.67 1.23 0.00	45.91 1.16 0.00	42.00 1.02 0.00
AUBURN___LFGE 323710	43.49 -0.75 0.00	40.53 -0.70 0.00	38.24 -0.54 0.00	38.05 -0.50 0.00	38.39 -0.47 0.00	44.58 -0.50 0.00	57.71 -0.52 0.00	79.55 -0.97 0.00	63.82 -0.78 0.00	49.47 -0.86 0.00	46.09 -0.80 0.00	41.02 -0.84 0.00	39.13 -0.88 0.00	37.50 -0.88 0.00	36.78 -0.87 0.00	37.95 -0.89 0.00	42.87 -1.14 0.00	51.27 -1.26 0.00	62.63 -1.34 0.00	74.78 -1.53 0.00	61.12 -0.93 0.00	50.61 -0.82 0.00	43.90 -0.85 0.00	40.23 -0.74 0.00
BABYLON_RES_REC 323704	46.63 2.39 0.00	43.21 1.98 0.00	40.37 1.59 0.00	40.14 1.58 0.00	40.49 1.63 0.00	47.10 2.03 0.00	60.39 2.16 0.00	84.38 3.86 0.00	67.50 2.91 0.00	55.59 2.51 -2.76	53.49 2.20 -4.40	51.63 2.26 -7.51	47.32 2.20 -5.11	45.06 1.96 -4.73	45.20 2.14 -5.41	46.82 2.33 -5.64	47.27 3.26 0.00	55.95 3.41 0.00	68.13 4.16 0.00	81.41 5.11 0.00	65.58 3.53 0.00	54.42 2.98 0.00	47.93 3.18 0.00	43.55 2.58 0.00
BABYLON__69_KV_BK2 356345	47.07 2.83 0.00	43.54 2.31 0.00	40.76 1.98 0.00	40.48 1.93 0.00	40.76 1.90 0.00	47.55 2.48 0.00	61.09 2.85 0.00	85.67 5.15 0.00	68.41 3.81 0.00	56.15 3.07 -2.76	54.05 2.77 -4.40	52.09 2.72 -7.51	47.72 2.60 -5.11	45.45 2.34 -4.73	45.65 2.60 -5.41	47.28 2.80 -5.64	47.84 3.83 0.00	56.74 4.20 0.00	69.09 5.12 0.00	82.63 6.33 0.00	66.52 4.47 0.00	55.14 3.70 0.00	48.42 3.67 0.00	44.09 3.11 0.00
BALL_HILL_WT_PWR 323825	43.23 -1.02 0.00	40.41 -0.82 0.00	38.08 -0.70 0.00	38.05 -0.50 0.00	38.47 -0.39 0.00	44.58 -0.49 0.00	58.18 -0.06 0.00	78.59 -1.93 0.00	62.85 -1.74 0.00	48.56 -1.76 0.00	45.71 -1.17 0.00	40.69 -1.17 0.00	38.53 -1.48 0.00	36.88 -1.50 0.00	36.10 -1.54 0.00	37.29 -1.56 0.00	41.72 -2.29 0.00	49.65 -2.89 0.00	60.78 -3.20 0.00	71.80 -4.50 0.00	59.75 -2.29 0.00	49.58 -1.85 0.00	43.41 -1.34 0.00	40.15 -0.82 0.00
BARON_WINDS___WT_PWR 323822	42.96 -1.28 0.00	40.08 -1.15 0.00	37.77 -1.01 0.00	37.71 -0.85 0.00	38.12 -0.74 0.00	44.26 -0.81 0.00	57.71 -0.53 0.00	78.67 -1.85 0.00	62.66 -1.94 0.00	48.21 -2.11 0.00	45.01 -1.88 0.00	40.06 -1.80 0.00	38.09 -1.92 0.00	36.50 -1.88 0.00	35.80 -1.84 0.00	36.94 -1.90 0.00	41.50 -2.51 0.00	49.65 -2.89 0.00	61.16 -2.81 0.00	72.79 -3.51 0.00	60.06 -1.99 0.00	49.74 -1.70 0.00	43.23 -1.52 0.00	39.82 -1.15 0.00
BARRETT_IC_1 23704	46.32 2.08 0.00	42.96 1.73 0.00	40.22 1.44 0.00	39.98 1.43 0.00	40.29 1.44 0.00	46.92 1.85 0.00	60.22 1.98 0.00	83.74 3.22 0.00	67.18 2.59 0.00	55.49 2.42 -2.76	53.40 2.11 -4.40	51.55 2.18 -7.51	47.24 2.12 -5.11	45.02 1.92 -4.73	45.08 2.03 -5.41	46.70 2.21 -5.64	46.96 2.95 0.00	55.63 3.10 0.00	67.36 3.39 0.00	80.50 4.19 0.00	65.03 2.98 0.00	54.06 2.62 0.00	47.53 2.78 0.00	43.22 2.25 0.00
BARRETT_IC_10 23701	46.32 2.08 0.00	42.96 1.73 0.00	40.22 1.44 0.00	39.98 1.43 0.00	40.29 1.44 0.00	46.92 1.85 0.00	60.22 1.98 0.00	83.74 3.22 0.00	67.18 2.59 0.00	55.49 2.42 -2.76	53.40 2.11 -4.40	51.55 2.18 -7.51	47.24 2.12 -5.11	45.02 1.92 -4.73	45.08 2.03 -5.41	46.70 2.21 -5.64	46.96 2.95 0.00	55.63 3.10 0.00	67.36 3.39 0.00	80.50 4.19 0.00	65.03 2.98 0.00	54.06 2.62 0.00	47.53 2.78 0.00	43.22 2.25 0.00
BARRETT_IC_11 23702	46.32 2.08 0.00	42.96 1.73 0.00	40.22 1.44 0.00	39.98 1.43 0.00	40.29 1.44 0.00	46.92 1.85 0.00	60.22 1.98 0.00	83.74 3.22 0.00	67.18 2.59 0.00	55.49 2.42 -2.76	53.40 2.11 -4.40	51.55 2.18 -7.51	47.24 2.12 -5.11	45.02 1.92 -4.73	45.08 2.03 -5.41	46.70 2.21 -5.64	46.96 2.95 0.00	55.63 3.10 0.00	67.36 3.39 0.00	80.50 4.19 0.00	65.03 2.98 0.00	54.06 2.62 0.00	47.53 2.78 0.00	43.22 2.25 0.00
BARRETT_IC_12 23703	46.32 2.08 0.00	42.96 1.73 0.00	40.22 1.44 0.00	39.98 1.43 0.00	40.29 1.44 0.00	46.92 1.85 0.00	60.22 1.98 0.00	83.74 3.22 0.00	67.18 2.59 0.00	55.49 2.42 -2.76	53.40 2.11 -4.40	51.55 2.18 -7.51	47.24 2.12 -5.11	45.02 1.92 -4.73	45.08 2.03 -5.41	46.70 2.21 -5.64	46.96 2.95 0.00	55.63 3.10 0.00	67.36 3.39 0.00	80.50 4.19 0.00	65.03 2.98 0.00	54.06 2.62 0.00	47.53 2.78 0.00	43.22 2.25 0.00
BARRETT_IC_2 23705	46.32 2.08 0.00	42.96 1.73 0.00	40.22 1.44 0.00	39.98 1.43 0.00	40.29 1.44 0.00	46.92 1.85 0.00	60.22 1.98 0.00	83.74 3.22 0.00	67.18 2.59 0.00	55.49 2.42 -2.76	53.40 2.11 -4.40	51.55 2.18 -7.51	47.24 2.12 -5.11	45.02 1.92 -4.73	45.08 2.03 -5.41	46.70 2.21 -5.64	46.96 2.95 0.00	55.63 3.10 0.00	67.36 3.39 0.00	80.50 4.19 0.00	65.03 2.98 0.00	54.06 2.62 0.00	47.53 2.78 0.00	43.22 2.25 0.00
BARRETT_IC_3 23706	46.32 2.08 0.00	42.96 1.73 0.00	40.22 1.44 0.00	39.98 1.43 0.00	40.29 1.44 0.00	46.92 1.85 0.00	60.22 1.98 0.00	83.74 3.22 0.00	67.18 2.59 0.00	55.49 2.42 -2.76	53.40 2.11 -4.40	51.55 2.18 -7.51	47.24 2.12 -5.11	45.02 1.92 -4.73	45.08 2.03 -5.41	46.70 2.21 -5.64	46.96 2.95 0.00	55.63 3.10 0.00	67.36 3.39 0.00	80.50 4.19 0.00	65.03 2.98 0.00	54.06 2.62 0.00	47.53 2.78 0.00	43.22 2.25 0.00
BARRETT_IC_4 23707	46.32 2.08 0.00	42.96 1.73 0.00	40.22 1.44 0.00	39.98 1.43 0.00	40.29 1.44 0.00	46.92 1.85 0.00	60.22 1.98 0.00	83.74 3.22 0.00	67.18 2.59 0.00	55.49 2.42 -2.76	53.40 2.11 -4.40	51.55 2.18 -7.51	47.24 2.12 -5.11	45.02 1.92 -4.73	45.08 2.03 -5.41	46.70 2.21 -5.64	46.96 2.95 0.00	55.63 3.10 0.00	67.36 3.39 0.00	80.50 4.19 0.00	65.03 2.98 0.00	54.06 2.62 0.00	47.53 2.78 0.00	43.22 2.25 0.00

BARRETT_IC_5 23708	46.32 2.08 0.00	42.96 1.73 0.00	40.22 1.44 0.00	39.98 1.43 0.00	40.29 1.44 0.00	46.92 1.85 0.00	60.22 1.98 0.00	83.74 3.22 0.00	67.18 2.59 0.00	55.49 2.42 -2.76	53.40 2.11 -4.40	51.55 2.18 -7.51	47.24 2.12 -5.11	45.02 1.92 -4.73	45.08 2.03 -5.41	46.70 2.21 -5.64	46.96 2.95 0.00	55.63 3.10 0.00	67.36 3.39 0.00	80.50 4.19 0.00	65.03 2.98 0.00	54.06 2.62 0.00	47.53 2.78 0.00	43.22 2.25 0.00
BARRETT_IC_6 23709	46.32 2.08 0.00	42.96 1.73 0.00	40.22 1.44 0.00	39.98 1.43 0.00	40.29 1.44 0.00	46.92 1.85 0.00	60.22 1.98 0.00	83.74 3.22 0.00	67.18 2.59 0.00	55.49 2.42 -2.76	53.40 2.11 -4.40	51.55 2.18 -7.51	47.24 2.12 -5.11	45.02 1.92 -4.73	45.08 2.03 -5.41	46.70 2.21 -5.64	46.96 2.95 0.00	55.63 3.10 0.00	67.36 3.39 0.00	80.50 4.19 0.00	65.03 2.98 0.00	54.06 2.62 0.00	47.53 2.78 0.00	43.22 2.25 0.00
BARRETT_IC_7 23710	46.23 1.99 0.00	42.84 1.61 0.00	40.14 1.36 0.00	39.87 1.31 0.00	40.18 1.32 0.00	46.79 1.71 0.00	60.16 1.92 0.00	83.90 3.38 0.00	67.11 2.52 0.00	55.49 2.42 -2.76	53.39 2.11 -4.40	51.51 2.13 -7.51	47.20 2.08 -5.11	45.02 1.92 -4.73	45.08 2.03 -5.41	46.70 2.21 -5.64	46.96 2.95 0.00	55.64 3.10 0.00	67.36 3.39 0.00	80.50 4.20 0.00	65.03 2.98 0.00	54.06 2.62 0.00	47.48 2.73 0.00	43.27 2.29 0.00
BARRETT_IC_8 23711	46.32 2.08 0.00	42.96 1.73 0.00	40.22 1.44 0.00	39.98 1.43 0.00	40.29 1.44 0.00	46.92 1.85 0.00	60.22 1.98 0.00	83.74 3.22 0.00	67.18 2.59 0.00	55.49 2.42 -2.76	53.40 2.11 -4.40	51.55 2.18 -7.51	47.24 2.12 -5.11	45.02 1.92 -4.73	45.08 2.03 -5.41	46.70 2.21 -5.64	46.96 2.95 0.00	55.63 3.10 0.00	67.36 3.39 0.00	80.50 4.19 0.00	65.03 2.98 0.00	54.06 2.62 0.00	47.53 2.78 0.00	43.22 2.25 0.00
BARRETT_IC_9 23700	46.32 2.08 0.00	42.96 1.73 0.00	40.22 1.44 0.00	39.98 1.43 0.00	40.29 1.44 0.00	46.92 1.85 0.00	60.22 1.98 0.00	83.74 3.22 0.00	67.18 2.59 0.00	55.49 2.42 -2.76	53.40 2.11 -4.40	51.55 2.18 -7.51	47.24 2.12 -5.11	45.02 1.92 -4.73	45.08 2.03 -5.41	46.70 2.21 -5.64	46.96 2.95 0.00	55.63 3.10 0.00	67.36 3.39 0.00	80.50 4.19 0.00	65.03 2.98 0.00	54.06 2.62 0.00	47.53 2.78 0.00	43.22 2.25 0.00
BARRETT___1 23545	46.32 2.08 0.00	42.96 1.73 0.00	40.22 1.44 0.00	39.98 1.43 0.00	40.29 1.44 0.00	46.92 1.85 0.00	60.22 1.98 0.00	83.74 3.22 0.00	67.18 2.59 0.00	55.49 2.42 -2.76	53.40 2.11 -4.40	51.55 2.18 -7.51	47.24 2.12 -5.11	45.02 1.92 -4.73	45.08 2.03 -5.41	46.70 2.21 -5.64	46.96 2.95 0.00	55.63 3.10 0.00	67.36 3.39 0.00	80.50 4.19 0.00	65.03 2.98 0.00	54.06 2.62 0.00	47.53 2.78 0.00	43.22 2.25 0.00
BARRETT___2 23546	46.32 2.08 0.00	42.96 1.73 0.00	40.22 1.44 0.00	39.98 1.43 0.00	40.29 1.44 0.00	46.92 1.85 0.00	60.22 1.98 0.00	83.74 3.22 0.00	67.18 2.59 0.00	55.49 2.42 -2.76	53.40 2.11 -4.40	51.55 2.18 -7.51	47.24 2.12 -5.11	45.02 1.92 -4.73	45.08 2.03 -5.41	46.70 2.21 -5.64	46.96 2.95 0.00	55.63 3.10 0.00	67.36 3.39 0.00	80.50 4.19 0.00	65.03 2.98 0.00	54.06 2.62 0.00	47.53 2.78 0.00	43.22 2.25 0.00
BATAVIA__115KV_TB1 55881	42.74 -1.50 0.00	40.20 -1.03 0.00	37.93 -0.85 0.00	37.86 -0.69 0.00	38.27 -0.58 0.00	44.44 -0.63 0.00	57.54 -0.70 0.00	77.86 -2.66 0.00	62.53 -2.07 0.00	48.06 -2.26 0.00	45.15 -1.73 0.00	40.19 -1.67 0.00	38.01 -2.00 0.00	36.42 -1.96 0.00	35.57 -2.07 0.00	36.79 -2.06 0.00	41.41 -2.60 0.00	49.44 -3.10 0.00	60.84 -3.13 0.00	71.88 -4.43 0.00	59.50 -2.54 0.00	49.48 -1.95 0.00	43.14 -1.61 0.00	39.66 -1.31 0.00
BAYONEEC___CTG1 323682	45.92 1.68 0.00	42.59 1.36 0.00	40.02 1.24 0.00	39.79 1.23 0.00	40.10 1.24 0.00	46.61 1.53 0.00	60.27 2.04 0.00	84.06 3.54 0.00	67.31 2.71 0.00	55.33 2.27 -2.75	53.43 2.16 -4.39	51.36 2.01 -7.49	47.06 1.96 -5.09	44.93 1.84 -4.71	44.88 1.84 -5.39	46.41 1.94 -5.62	46.43 2.42 0.00	55.37 2.83 0.00	67.11 3.13 0.00	74.66 3.89 5.53	64.78 2.73 0.00	53.75 2.32 0.00	46.95 2.19 0.00	42.82 1.85 0.00
BAYONEEC___CTG10 323750	45.92 1.68 0.00	42.59 1.36 0.00	40.02 1.24 0.00	39.79 1.23 0.00	40.10 1.24 0.00	46.61 1.53 0.00	60.27 2.04 0.00	84.06 3.54 0.00	67.31 2.71 0.00	55.33 2.27 -2.75	53.43 2.16 -4.39	51.36 2.01 -7.49	47.06 1.96 -5.09	44.93 1.84 -4.71	44.88 1.84 -5.39	46.41 1.94 -5.62	46.43 2.42 0.00	55.37 2.83 0.00	67.11 3.13 0.00	74.66 3.89 5.53	64.78 2.73 0.00	53.75 2.32 0.00	46.95 2.19 0.00	42.82 1.85 0.00
BAYONEEC___CTG2 323683	45.92 1.68 0.00	42.59 1.36 0.00	40.02 1.24 0.00	39.79 1.23 0.00	40.10 1.24 0.00	46.61 1.53 0.00	60.27 2.04 0.00	84.06 3.54 0.00	67.31 2.71 0.00	55.33 2.27 -2.75	53.43 2.16 -4.39	51.36 2.01 -7.49	47.06 1.96 -5.09	44.93 1.84 -4.71	44.88 1.84 -5.39	46.41 1.94 -5.62	46.43 2.42 0.00	55.37 2.83 0.00	67.11 3.13 0.00	74.66 3.89 5.53	64.78 2.73 0.00	53.75 2.32 0.00	46.95 2.19 0.00	42.82 1.85 0.00
BAYONEEC___CTG3 323684	45.92 1.68 0.00	42.59 1.36 0.00	40.02 1.24 0.00	39.79 1.23 0.00	40.10 1.24 0.00	46.61 1.53 0.00	60.27 2.04 0.00	84.06 3.54 0.00	67.31 2.71 0.00	55.33 2.27 -2.75	53.43 2.16 -4.39	51.36 2.01 -7.49	47.06 1.96 -5.09	44.93 1.84 -4.71	44.88 1.84 -5.39	46.41 1.94 -5.62	46.43 2.42 0.00	55.37 2.83 0.00	67.11 3.13 0.00	74.66 3.89 5.53	64.78 2.73 0.00	53.75 2.32 0.00	46.95 2.19 0.00	42.82 1.85 0.00
BAYONEEC___CTG4 323685	45.92 1.68 0.00	42.59 1.36 0.00	40.02 1.24 0.00	39.79 1.23 0.00	40.10 1.24 0.00	46.61 1.53 0.00	60.27 2.04 0.00	84.06 3.54 0.00	67.31 2.71 0.00	55.33 2.27 -2.75	53.43 2.16 -4.39	51.36 2.01 -7.49	47.06 1.96 -5.09	44.93 1.84 -4.71	44.88 1.84 -5.39	46.41 1.94 -5.62	46.43 2.42 0.00	55.37 2.83 0.00	67.11 3.13 0.00	74.66 3.89 5.53	64.78 2.73 0.00	53.75 2.32 0.00	46.95 2.19 0.00	42.82 1.85 0.00
BAYONEEC___CTG5 323686	45.92 1.68 0.00	42.59 1.36 0.00	40.02 1.24 0.00	39.79 1.23 0.00	40.10 1.24 0.00	46.61 1.53 0.00	60.27 2.04 0.00	84.06 3.54 0.00	67.31 2.71 0.00	55.33 2.27 -2.75	53.43 2.16 -4.39	51.36 2.01 -7.49	47.06 1.96 -5.09	44.93 1.84 -4.71	44.88 1.84 -5.39	46.41 1.94 -5.62	46.43 2.42 0.00	55.37 2.83 0.00	67.11 3.13 0.00	74.66 3.89 5.53	64.78 2.73 0.00	53.75 2.32 0.00	46.95 2.19 0.00	42.82 1.85 0.00
BAYONEEC___CTG6 323687	45.92 1.68 0.00	42.59 1.36 0.00	40.02 1.24 0.00	39.79 1.23 0.00	40.10 1.24 0.00	46.61 1.53 0.00	60.27 2.04 0.00	84.06 3.54 0.00	67.31 2.71 0.00	55.33 2.27 -2.75	53.43 2.16 -4.39	51.36 2.01 -7.49	47.06 1.96 -5.09	44.93 1.84 -4.71	44.88 1.84 -5.39	46.41 1.94 -5.62	46.43 2.42 0.00	55.37 2.83 0.00	67.11 3.13 0.00	74.66 3.89 5.53	64.78 2.73 0.00	53.75 2.32 0.00	46.95 2.19 0.00	42.82 1.85 0.00

BAYONEEC___CTG7 323688	45.92 1.68 0.00	42.59 1.36 0.00	40.02 1.24 0.00	39.79 1.23 0.00	40.10 1.24 0.00	46.61 1.53 0.00	60.27 2.04 0.00	84.06 3.54 0.00	67.31 2.71 0.00	55.33 2.27 -2.75	53.43 2.16 -4.39	51.36 2.01 -7.49	47.06 1.96 -5.09	44.93 1.84 -4.71	44.88 1.84 -5.39	46.41 1.94 -5.62	46.43 2.42 0.00	55.37 2.83 0.00	67.11 3.13 0.00	74.66 3.89 5.53	64.78 2.73 0.00	53.75 2.32 0.00	46.95 2.19 0.00	42.82 1.85 0.00
BAYONEEC___CTG8 323689	45.92 1.68 0.00	42.59 1.36 0.00	40.02 1.24 0.00	39.79 1.23 0.00	40.10 1.24 0.00	46.61 1.53 0.00	60.27 2.04 0.00	84.06 3.54 0.00	67.31 2.71 0.00	55.33 2.27 -2.75	53.43 2.16 -4.39	51.36 2.01 -7.49	47.06 1.96 -5.09	44.93 1.84 -4.71	44.88 1.84 -5.39	46.41 1.94 -5.62	46.43 2.42 0.00	55.37 2.83 0.00	67.11 3.13 0.00	74.66 3.89 5.53	64.78 2.73 0.00	53.75 2.32 0.00	46.95 2.19 0.00	42.82 1.85 0.00
BAYONEEC___CTG9 323749	45.92 1.68 0.00	42.59 1.36 0.00	40.02 1.24 0.00	39.79 1.23 0.00	40.10 1.24 0.00	46.61 1.53 0.00	60.27 2.04 0.00	84.06 3.54 0.00	67.31 2.71 0.00	55.33 2.27 -2.75	53.43 2.16 -4.39	51.36 2.01 -7.49	47.06 1.96 -5.09	44.93 1.84 -4.71	44.88 1.84 -5.39	46.41 1.94 -5.62	46.43 2.42 0.00	55.37 2.83 0.00	67.11 3.13 0.00	74.66 3.89 5.53	64.78 2.73 0.00	53.75 2.32 0.00	46.95 2.19 0.00	42.82 1.85 0.00
BEACON___LESR 323632	46.28 2.04 0.00	43.09 1.86 0.00	40.45 1.67 0.00	40.17 1.62 0.00	40.53 1.67 0.00	47.15 2.07 0.00	60.79 2.56 0.00	84.15 3.63 0.00	67.50 2.91 0.00	53.51 2.42 -0.77	50.27 2.16 -1.23	45.89 1.93 -2.10	43.28 1.84 -1.43	41.47 1.77 -1.32	40.85 1.70 -1.52	42.25 1.83 -1.58	46.08 2.07 0.00	55.01 2.47 0.00	66.92 2.94 0.00	79.96 3.66 0.00	64.78 2.73 0.00	53.64 2.21 0.00	46.77 2.02 0.00	42.82 1.85 0.00
BEAVER RIVER___HYD 24048	44.15 -0.09 0.00	41.07 -0.16 0.00	38.70 -0.08 0.00	38.44 -0.12 0.00	38.66 -0.19 0.00	45.03 -0.05 0.00	58.47 0.23 0.00	81.24 0.72 0.00	65.05 0.46 0.00	50.37 0.05 0.00	46.79 -0.09 0.00	41.74 -0.13 0.00	40.05 0.04 0.00	38.38 0.00 0.00	37.60 -0.04 0.00	38.77 -0.08 0.00	43.92 -0.09 0.00	52.75 0.21 0.00	64.74 0.77 0.00	77.14 0.84 0.00	62.80 0.75 0.00	51.90 0.46 0.00	44.75 0.00 0.00	40.85 -0.12 0.00
BEEBEE_GT_13 23619	42.38 -1.86 0.00	39.75 -1.48 0.00	37.50 -1.28 0.00	37.36 -1.20 0.00	37.73 -1.13 0.00	43.77 -1.31 0.00	56.55 -1.69 0.00	77.06 -3.46 0.00	62.01 -2.58 0.00	47.96 -2.37 0.00	45.01 -1.88 0.00	40.06 -1.80 0.00	38.05 -1.96 0.00	36.46 -1.92 0.00	35.68 -1.96 0.00	36.87 -1.98 0.00	41.55 -2.46 0.00	49.54 -2.99 0.00	60.65 -3.33 0.00	71.80 -4.50 0.00	59.13 -2.92 0.00	49.12 -2.31 0.00	42.74 -2.01 0.00	39.29 -1.68 0.00
BENSHRST_27_KV_BENSHRST_1 355998	56.37 2.34 -9.78	55.59 1.98 -12.38	40.49 1.71 0.00	40.25 1.70 0.00	40.64 1.79 0.00	55.52 2.03 -8.42	60.80 2.56 0.00	85.19 4.67 0.00	68.02 3.42 0.00	57.35 3.02 -4.01	58.06 2.91 -8.27	57.22 2.68 -12.68	57.24 2.64 -14.59	57.19 2.46 -16.35	57.14 2.45 -17.06	57.15 2.56 -15.74	57.99 3.12 -10.85	61.51 3.62 -5.35	67.87 3.90 0.00	81.11 4.81 0.00	65.59 3.54 0.00	60.58 3.09 -6.06	57.86 2.86 -10.24	56.35 2.58 -12.80
BETHLEHEM___GRP 23843	45.66 1.42 0.00	42.55 1.32 0.00	39.95 1.16 0.00	39.67 1.12 0.00	40.02 1.17 0.00	46.42 1.35 0.00	59.92 1.69 0.00	83.10 2.58 0.00	66.53 1.94 0.00	52.80 1.71 -0.77	49.61 1.50 -1.23	45.34 1.38 -2.09	42.76 1.32 -1.42	41.00 1.30 -1.32	40.43 1.28 -1.51	41.74 1.32 -1.57	45.55 1.54 0.00	54.32 1.79 0.00	66.02 2.05 0.00	78.90 2.59 0.00	63.91 1.86 0.00	52.98 1.54 0.00	46.19 1.43 0.00	42.32 1.35 0.00
BETHLEHEM___GS1 323560	45.70 1.46 0.00	42.59 1.36 0.00	40.02 1.24 0.00	39.75 1.20 0.00	40.06 1.21 0.00	46.56 1.49 0.00	59.98 1.75 0.00	83.10 2.58 0.00	66.53 1.94 0.00	52.80 1.71 -0.77	49.61 1.50 -1.23	45.33 1.38 -2.09	42.75 1.32 -1.42	41.00 1.31 -1.32	40.43 1.28 -1.51	41.78 1.36 -1.57	45.55 1.54 0.00	54.32 1.79 0.00	66.02 2.05 0.00	78.90 2.60 0.00	63.91 1.86 0.00	52.97 1.54 0.00	46.19 1.43 0.00	42.32 1.35 0.00
BETHLEHEM___GS2 323561	45.70 1.46 0.00	42.59 1.36 0.00	40.02 1.24 0.00	39.75 1.20 0.00	40.06 1.21 0.00	46.56 1.49 0.00	59.98 1.75 0.00	83.10 2.58 0.00	66.53 1.94 0.00	52.80 1.71 -0.77	49.61 1.50 -1.23	45.33 1.38 -2.09	42.75 1.32 -1.42	41.00 1.31 -1.32	40.43 1.28 -1.51	41.78 1.36 -1.57	45.55 1.54 0.00	54.32 1.79 0.00	66.02 2.05 0.00	78.90 2.60 0.00	63.91 1.86 0.00	52.97 1.54 0.00	46.19 1.43 0.00	42.32 1.35 0.00
BETHLEHEM___GS3 323562	45.70 1.46 0.00	42.59 1.36 0.00	40.02 1.24 0.00	39.75 1.20 0.00	40.06 1.21 0.00	46.56 1.49 0.00	59.98 1.75 0.00	83.10 2.58 0.00	66.53 1.94 0.00	52.80 1.71 -0.77	49.61 1.50 -1.23	45.33 1.38 -2.09	42.75 1.32 -1.42	41.00 1.31 -1.32	40.43 1.28 -1.51	41.78 1.36 -1.57	45.55 1.54 0.00	54.32 1.79 0.00	66.02 2.05 0.00	78.90 2.60 0.00	63.91 1.86 0.00	52.97 1.54 0.00	46.19 1.43 0.00	42.32 1.35 0.00
BETHLEHEM___STEEL 23779	42.38 -1.86 0.00	39.87 -1.36 0.00	37.66 -1.12 0.00	37.59 -0.96 0.00	37.96 -0.89 0.00	44.04 -1.04 0.00	57.01 -1.22 0.00	76.65 -3.86 0.00	61.62 -2.97 0.00	47.60 -2.72 0.00	44.91 -1.97 0.00	40.06 -1.80 0.00	37.93 -2.08 0.00	36.31 -2.07 0.00	35.53 -2.11 0.00	36.71 -2.14 0.00	41.15 -2.86 0.00	48.86 -3.68 0.00	59.69 -4.29 0.00	70.20 -6.10 0.00	58.45 -3.60 0.00	48.60 -2.83 0.00	42.69 -2.06 0.00	39.50 -1.47 0.00
BETHLHEM_115KV_TB1 79974	45.61 1.37 0.00	42.51 1.28 0.00	39.87 1.09 0.00	39.64 1.08 0.00	39.94 1.09 0.00	46.33 1.26 0.00	59.87 1.63 0.00	82.93 2.42 0.00	66.47 1.87 0.00	52.70 1.61 -0.77	49.56 1.45 -1.22	45.25 1.30 -2.09	42.71 1.28 -1.42	40.92 1.23 -1.31	40.35 1.20 -1.50	41.69 1.28 -1.57	45.46 1.45 0.00	54.27 1.73 0.00	65.96 1.98 0.00	78.74 2.44 0.00	63.85 1.80 0.00	52.92 1.49 0.00	46.14 1.39 0.00	42.28 1.31 0.00
BETHPAGE_CC_5 323564	46.50 2.26 0.00	42.96 1.73 0.00	40.18 1.39 0.00	39.90 1.35 0.00	40.25 1.40 0.00	46.88 1.80 0.00	60.04 1.81 0.00	83.82 3.30 0.00	67.11 2.52 0.00	55.39 2.32 -2.76	53.30 2.01 -4.40	51.46 2.09 -7.51	47.20 2.08 -5.11	44.95 1.84 -4.73	45.08 2.03 -5.41	46.66 2.17 -5.64	47.01 2.99 0.00	55.63 3.10 0.00	67.55 3.58 0.00	80.80 4.50 0.00	65.09 3.04 0.00	54.11 2.67 0.00	47.75 3.00 0.00	43.39 2.42 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	42.52 -1.73 0.00	40.00 -1.24 0.00	37.73 -1.05 0.00	37.71 -0.85 0.00	38.08 -0.78 0.00	44.17 -0.90 0.00	57.24 -0.99 0.00	77.06 -3.46 0.00	61.88 -2.71 0.00	47.80 -2.52 0.00	45.05 -1.83 0.00	40.23 -1.63 0.00	38.05 -1.96 0.00	36.42 -1.96 0.00	35.68 -1.96 0.00	36.83 -2.02 0.00	41.28 -2.73 0.00	49.02 -3.52 0.00	59.94 -4.03 0.00	70.58 -5.72 0.00	58.70 -3.35 0.00	48.81 -2.62 0.00	42.83 -1.92 0.00	39.62 -1.35 0.00

BINGHAMTON___COGEN 23790	43.80 -0.44 0.00	40.90 -0.33 0.00	38.51 -0.27 0.00	38.36 -0.19 0.00	38.70 -0.16 0.00	44.89 -0.18 0.00	58.29 0.06 0.00	80.20 -0.32 0.00	64.21 -0.39 0.00	49.82 -0.50 0.00	46.46 -0.42 0.00	41.40 -0.46 0.00	39.45 -0.56 0.00	37.80 -0.80 0.00	37.08 -0.56 0.00	38.26 -0.58 0.00	43.22 -0.79 0.00	51.59 -0.95 0.00	63.01 -0.96 0.00	75.16 -1.14 0.00	61.49 -0.56 0.00	50.92 -0.51 0.00	44.26 -0.49 0.00	40.64 -0.33 0.00
BIXINCNT_115KV_LOAD 355685	42.69 -1.55 0.00	40.16 -1.07 0.00	37.89 -0.89 0.00	38.02 -0.54 0.00	38.47 -0.39 0.00	44.76 -0.32 0.00	58.41 0.17 0.00	78.75 -1.77 0.00	63.11 -1.49 0.00	48.66 -1.66 0.00	45.80 -1.08 0.00	40.86 -1.00 0.00	38.65 -1.36 0.00	37.00 -1.38 0.00	36.17 -1.47 0.00	37.37 -1.48 0.00	41.81 -2.20 0.00	49.70 -2.84 0.00	60.84 -3.13 0.00	71.88 -4.43 0.00	59.75 -2.30 0.00	49.53 -1.90 0.00	43.37 -1.39 0.00	40.15 -0.82 0.00
BLACK RIVER___HYD 24047	44.29 0.04 0.00	41.23 0.00 0.00	38.90 0.12 0.00	38.59 0.04 0.00	38.78 -0.08 0.00	45.16 0.09 0.00	58.76 0.52 0.00	81.80 1.28 0.00	65.24 0.65 0.00	50.42 0.10 0.00	46.84 -0.05 0.00	41.74 -0.13 0.00	39.89 -0.12 0.00	38.15 -0.23 0.00	37.38 -0.26 0.00	38.58 -0.27 0.00	43.57 -0.44 0.00	52.43 -0.10 0.00	64.55 0.57 0.00	77.37 1.07 0.00	63.04 0.99 0.00	52.15 0.72 0.00	44.89 0.13 0.00	40.97 0.00 0.00
BLACKRVR_115KV_TB2 79977	44.33 0.09 0.00	41.23 0.00 0.00	38.94 0.16 0.00	38.63 0.08 0.00	38.82 -0.04 0.00	45.25 0.18 0.00	58.76 0.52 0.00	81.73 1.21 0.00	65.24 0.65 0.00	50.42 0.10 0.00	46.84 -0.05 0.00	41.74 -0.13 0.00	39.89 -0.12 0.00	38.15 -0.23 0.00	37.38 -0.26 0.00	38.58 -0.27 0.00	43.57 -0.44 0.00	52.43 -0.11 0.00	64.55 0.58 0.00	77.37 1.07 0.00	63.04 0.99 0.00	52.15 0.72 0.00	44.89 0.13 0.00	40.93 -0.04 0.00
BLISS_WT_PWR 323608	42.96 -1.28 0.00	40.20 -1.03 0.00	37.81 -0.97 0.00	37.94 -0.62 0.00	38.39 -0.46 0.00	44.67 -0.41 0.00	58.41 0.18 0.00	78.99 -1.53 0.00	63.24 -1.36 0.00	48.71 -1.61 0.00	45.90 -0.99 0.00	40.90 -0.96 0.00	38.69 -1.32 0.00	37.03 -1.34 0.00	36.21 -1.43 0.00	37.37 -1.48 0.00	41.81 -2.20 0.00	49.75 -2.79 0.00	60.90 -3.07 0.00	71.87 -4.43 0.00	59.75 -2.29 0.00	49.53 -1.90 0.00	43.37 -1.39 0.00	40.11 -0.86 0.00
BLUESTONE___WT_PWR 323821	45.53 1.28 0.00	42.26 1.03 0.00	39.83 1.05 0.00	39.56 1.00 0.00	39.79 0.93 0.00	46.42 1.35 0.00	60.62 2.39 0.00	84.30 3.79 0.00	67.43 2.84 0.00	52.18 1.86 0.00	48.48 1.59 0.00	43.20 1.34 0.00	41.05 1.04 0.00	39.38 1.00 0.00	38.62 0.98 0.00	39.90 1.05 0.00	45.15 1.14 0.00	54.17 1.63 0.00	66.34 2.37 0.00	79.20 2.90 0.00	64.41 2.36 0.00	53.18 1.75 0.00	46.05 1.30 0.00	42.16 1.19 0.00
BLUE_CIRC_CHEM_DRP 24182	45.75 1.50 0.00	42.63 1.40 0.00	40.06 1.28 0.00	39.79 1.23 0.00	40.10 1.24 0.00	46.51 1.44 0.00	60.04 1.81 0.00	83.10 2.58 0.00	66.53 1.94 0.00	52.63 1.61 -0.70	49.41 1.41 -1.12	44.98 1.21 -1.90	42.47 1.16 -1.29	40.69 1.11 -1.20	40.10 1.09 -1.37	41.44 1.17 -1.43	45.33 1.32 0.00	54.22 1.68 0.00	65.96 1.98 0.00	78.82 2.52 0.00	63.91 1.86 0.00	52.98 1.54 0.00	46.23 1.48 0.00	42.36 1.39 0.00
BOC_GAS_DRP 24189	45.26 1.02 0.00	42.18 0.95 0.00	39.56 0.78 0.00	39.33 0.77 0.00	39.63 0.78 0.00	46.02 0.95 0.00	59.40 1.16 0.00	82.29 1.77 0.00	65.95 1.36 0.00	52.28 1.21 -0.75	49.16 1.08 -1.20	44.87 0.96 -2.05	42.36 0.96 -1.39	40.59 0.92 -1.29	40.02 0.90 -1.47	41.35 0.97 -1.54	45.11 1.10 0.00	53.85 1.31 0.00	65.44 1.47 0.00	78.13 1.83 0.00	63.35 1.30 0.00	52.51 1.08 0.00	45.78 1.03 0.00	41.96 0.98 0.00
BOONVILLE_115KV_TB1 79983	44.82 0.58 0.00	41.69 0.45 0.00	39.29 0.50 0.00	39.02 0.46 0.00	39.24 0.39 0.00	45.66 0.59 0.00	59.22 0.99 0.00	82.29 1.77 0.00	66.02 1.42 0.00	51.23 0.91 0.00	47.63 0.75 0.00	42.49 0.63 0.00	40.65 0.64 0.00	38.99 0.61 0.00	38.21 0.56 0.00	39.43 0.58 0.00	44.67 0.66 0.00	53.48 0.95 0.00	65.44 1.47 0.00	77.98 1.68 0.00	63.41 1.37 0.00	52.46 1.03 0.00	45.38 0.63 0.00	41.46 0.49 0.00
BORALEX_4TH_BRANCH 23824	46.23 1.99 0.00	43.17 1.94 0.00	40.37 1.59 0.00	40.14 1.58 0.00	40.45 1.59 0.00	46.88 1.80 0.00	60.62 2.39 0.00	83.98 3.46 0.00	67.31 2.71 0.00	53.51 2.31 -0.87	50.39 2.11 -1.39	46.12 1.88 -2.38	43.47 1.84 -1.62	41.68 1.80 -1.50	41.09 1.73 -1.71	42.46 1.83 -1.78	46.21 2.20 0.00	55.16 2.63 0.00	66.92 2.94 0.00	79.96 3.66 0.00	64.53 2.48 0.00	53.54 2.11 0.00	46.77 2.01 0.00	42.94 1.97 0.00
BOWLINE___1 23526	45.44 1.20 0.00	42.26 1.03 0.00	39.67 0.89 0.00	39.44 0.89 0.00	39.75 0.89 0.00	46.24 1.17 0.00	59.75 1.51 0.00	83.17 2.65 0.00	66.47 1.87 0.00	49.16 1.56 2.72	43.99 1.45 4.35	35.82 1.38 7.42	36.28 1.32 5.05	34.94 1.23 4.67	33.54 1.24 5.34	34.64 1.36 5.57	45.73 1.71 0.00	54.53 2.00 0.00	66.27 2.30 0.00	79.27 2.97 0.00	64.16 2.11 0.00	53.13 1.69 0.00	46.36 1.61 0.00	42.28 1.31 0.00
BOWLINE___2 23595	45.44 1.20 0.00	42.26 1.03 0.00	39.67 0.89 0.00	39.44 0.89 0.00	39.75 0.89 0.00	46.24 1.17 0.00	59.75 1.51 0.00	83.17 2.65 0.00	66.47 1.87 0.00	49.16 1.56 2.72	43.99 1.45 4.35	35.83 1.38 7.41	36.28 1.32 5.04	34.94 1.23 4.67	33.54 1.24 5.34	34.64 1.36 5.57	45.73 1.71 0.00	54.53 2.00 0.00	66.27 2.30 0.00	79.27 2.97 0.00	64.16 2.11 0.00	53.13 1.69 0.00	46.36 1.61 0.00	42.28 1.31 0.00
BRADY___115KV_TB2 356060	45.39 1.15 0.00	42.26 1.03 0.00	39.79 1.01 0.00	39.56 1.00 0.00	39.83 0.97 0.00	46.29 1.22 0.00	59.87 1.63 0.00	82.53 2.01 0.00	66.53 1.94 0.00	51.53 1.21 0.00	47.96 1.08 0.00	42.78 0.92 0.00	40.93 0.92 0.00	39.26 0.88 0.00	38.47 0.83 0.00	39.62 0.78 0.00	44.98 0.97 0.00	53.90 1.37 0.00	65.89 1.92 0.00	78.44 2.14 0.00	63.97 1.92 0.00	52.98 1.54 0.00	45.87 1.12 0.00	41.96 0.98 0.00
BRANSCOMB___SOLAR 323811	46.10 1.86 0.00	42.92 1.69 0.00	40.33 1.55 0.00	40.02 1.46 0.00	40.37 1.51 0.00	47.05 1.98 0.00	60.68 2.45 0.00	84.15 3.63 0.00	67.37 2.78 0.00	53.27 2.21 -0.74	49.89 1.83 -1.18	45.51 1.63 -2.01	42.86 1.48 -1.37	41.07 1.42 -1.27	40.45 1.35 -1.45	41.83 1.48 -1.51	45.82 1.81 0.00	54.74 2.21 0.00	66.72 2.75 0.00	79.81 3.51 0.00	64.65 2.61 0.00	53.44 2.00 0.00	46.63 1.88 0.00	42.69 1.72 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	46.99 2.74 0.00	43.46 2.23 0.00	40.68 1.90 0.00	40.44 1.89 0.00	40.72 1.87 0.00	47.46 2.39 0.00	60.97 2.74 0.00	85.51 4.99 0.00	68.28 3.68 0.00	56.10 3.02 -2.76	53.96 2.67 -4.40	52.01 2.64 -7.51	47.64 2.52 -5.11	45.41 2.30 -4.73	45.57 2.52 -5.41	47.24 2.76 -5.64	47.75 3.74 0.00	56.63 4.10 0.00	68.96 4.99 0.00	82.41 6.10 0.00	66.33 4.28 0.00	54.98 3.55 0.00	48.33 3.58 0.00	43.96 2.99 0.00

BRISTLHL_115KV_TB1 79998	42.65 -1.59 0.00	39.79 -1.44 0.00	37.50 -1.28 0.00	37.32 -1.23 0.00	37.61 -1.24 0.00	43.63 -1.44 0.00	56.37 -1.86 0.00	77.78 -2.74 0.00	62.33 -2.26 0.00	48.46 -1.86 0.00	45.10 -1.78 0.00	40.19 -1.67 0.00	38.41 -1.60 0.00	36.84 -1.54 0.00	36.14 -1.51 0.00	37.25 -1.59 0.00	42.07 -1.94 0.00	50.28 -2.26 0.00	61.35 -2.62 0.00	73.25 -3.05 0.00	59.75 -2.30 0.00	49.53 -1.90 0.00	43.01 -1.75 0.00	39.41 -1.56 0.00
BROOKHAVEN___DRP 24191	46.23 1.99 0.00	42.72 1.48 0.00	39.98 1.20 0.00	39.71 1.16 0.00	39.98 1.13 0.00	46.15 1.08 0.00	59.34 1.11 0.00	83.26 2.74 0.00	66.15 1.55 0.00	54.43 1.36 -2.76	52.32 1.03 -4.40	50.54 1.17 -7.51	46.52 1.40 -5.11	44.30 1.19 -4.73	44.52 1.47 -5.41	46.16 1.67 -5.64	46.83 2.82 0.00	55.48 2.94 0.00	67.55 3.58 0.00	80.80 4.50 0.00	64.78 2.73 0.00	53.65 2.21 0.00	47.35 2.60 0.00	43.10 2.13 0.00
BROOKLYN_NAVY_YARD 23515	45.88 1.64 0.00	42.59 1.36 0.00	39.99 1.20 0.00	39.75 1.20 0.00	40.06 1.21 0.00	46.61 1.53 0.00	60.22 1.98 0.00	84.06 3.54 0.00	67.31 2.71 0.00	55.33 2.27 -2.75	53.43 2.16 -4.39	51.36 2.01 -7.49	47.10 2.00 -5.09	44.93 1.84 -4.71	44.88 1.84 -5.39	46.45 1.98 -5.62	46.47 2.46 0.00	55.37 2.83 0.00	67.17 3.20 0.00	80.27 3.97 0.00	64.84 2.79 0.00	53.75 2.32 0.00	46.99 2.24 0.00	42.82 1.85 0.00
BROOKLYN___ARMY_DRP 323595	56.19 2.17 -9.78	55.47 1.86 -12.38	40.37 1.59 0.00	40.14 1.58 0.00	40.53 1.67 0.00	55.39 1.89 -8.42	60.56 2.33 0.00	84.87 4.35 0.00	67.76 3.17 0.00	57.14 2.82 -4.01	57.87 2.72 -8.27	57.09 2.55 -12.68	57.08 2.48 -14.59	57.04 2.30 -16.35	56.99 2.30 -17.06	57.00 2.41 -15.74	57.81 2.95 -10.85	61.30 3.41 -5.35	67.55 3.58 0.00	80.80 4.50 0.00	65.28 3.23 0.00	60.32 2.83 -6.06	57.68 2.69 -10.24	56.19 2.42 -12.80
BROOKVLE_69_KV_TB1 55790	46.54 2.30 0.00	43.09 1.86 0.00	40.33 1.55 0.00	40.10 1.54 0.00	40.41 1.55 0.00	47.10 2.03 0.00	60.62 2.39 0.00	84.87 4.35 0.00	67.89 3.29 0.00	55.89 2.82 -2.76	53.86 2.58 -4.40	51.88 2.51 -7.51	47.52 2.40 -5.11	45.33 2.23 -4.73	45.39 2.33 -5.41	47.01 2.53 -5.64	47.31 3.30 0.00	56.11 3.57 0.00	68.19 4.22 0.00	81.49 5.19 0.00	65.71 3.66 0.00	54.52 3.09 0.00	47.80 3.04 0.00	43.55 2.58 0.00
BROOME_2_LFGE 323671	43.89 -0.36 0.00	40.90 -0.33 0.00	38.51 -0.27 0.00	38.33 -0.23 0.00	38.66 -0.19 0.00	44.89 -0.18 0.00	58.29 0.06 0.00	80.20 -0.32 0.00	64.21 -0.39 0.00	49.82 -0.50 0.00	46.46 -0.42 0.00	41.40 -0.46 0.00	39.45 -0.56 0.00	37.80 -0.57 0.00	37.08 -0.56 0.00	38.27 -0.58 0.00	43.22 -0.79 0.00	51.59 -0.94 0.00	63.01 -0.96 0.00	75.16 -1.14 0.00	61.49 -0.56 0.00	50.92 -0.51 0.00	44.26 -0.49 0.00	40.64 -0.33 0.00
BROOME___LFGE 323600	43.89 -0.36 0.00	40.90 -0.33 0.00	38.51 -0.27 0.00	38.33 -0.23 0.00	38.66 -0.19 0.00	44.89 -0.18 0.00	58.29 0.06 0.00	80.20 -0.32 0.00	64.21 -0.39 0.00	49.82 -0.50 0.00	46.46 -0.42 0.00	41.40 -0.46 0.00	39.45 -0.56 0.00	37.80 -0.57 0.00	37.08 -0.56 0.00	38.27 -0.58 0.00	43.22 -0.79 0.00	51.59 -0.94 0.00	63.01 -0.96 0.00	75.16 -1.14 0.00	61.49 -0.56 0.00	50.92 -0.51 0.00	44.26 -0.49 0.00	40.64 -0.33 0.00
BROWNFLS_115KV_TB_3_5 80003	44.24 0.00 0.00	41.15 -0.08 0.00	38.78 0.00 0.00	38.52 -0.04 0.00	38.78 -0.08 0.00	45.12 0.05 0.00	58.47 0.23 0.00	81.00 0.48 0.00	65.11 0.52 0.00	50.42 0.10 0.00	46.88 0.00 0.00	41.86 0.00 0.00	40.13 0.12 0.00	38.46 0.08 0.00	37.68 0.04 0.00	38.81 -0.04 0.00	44.01 0.00 0.00	52.75 0.21 0.00	64.61 0.64 0.00	76.91 0.61 0.00	62.67 0.62 0.00	51.84 0.41 0.00	44.80 0.04 0.00	40.89 -0.08 0.00
BROWNSV1_27_KV_LOAD 356125	46.23 1.99 0.00	42.84 1.61 0.00	40.14 1.36 0.00	39.91 1.35 0.00	40.29 1.44 0.00	46.79 1.71 0.00	60.68 2.45 0.00	84.87 4.35 0.00	67.89 3.29 0.00	55.73 2.67 -2.75	53.85 2.58 -4.39	51.73 2.39 -7.49	47.38 2.28 -5.09	45.24 2.15 -4.71	45.18 2.15 -5.39	46.72 2.25 -5.62	46.78 2.77 0.00	55.85 3.31 0.00	67.75 3.77 0.00	80.96 4.65 0.00	65.40 3.35 0.00	54.21 2.78 0.00	47.35 2.60 0.00	43.18 2.21 0.00
BURROWS___LYONSDAL 23803	44.60 0.35 0.00	41.52 0.29 0.00	39.09 0.31 0.00	38.83 0.27 0.00	39.05 0.19 0.00	45.48 0.41 0.00	58.99 0.76 0.00	81.97 1.45 0.00	65.76 1.16 0.00	50.97 0.65 0.00	47.40 0.52 0.00	42.28 0.42 0.00	40.53 0.52 0.00	38.84 0.46 0.00	38.06 0.41 0.00	39.27 0.43 0.00	44.50 0.48 0.00	53.32 0.79 0.00	65.25 1.28 0.00	77.75 1.45 0.00	63.17 1.12 0.00	52.26 0.82 0.00	45.20 0.45 0.00	41.30 0.33 0.00
CAITHNESS_CC_1 323624	46.32 2.08 0.00	43.09 1.86 0.00	40.06 1.28 0.00	39.83 1.27 0.00	40.33 1.48 0.00	46.38 1.31 0.00	59.46 1.22 0.00	82.93 2.41 0.00	66.27 1.68 0.00	54.54 1.46 -2.76	52.46 1.17 -4.40	50.75 1.38 -7.51	46.64 1.52 -5.11	44.41 1.31 -4.73	44.60 1.54 -5.41	46.23 1.75 -5.64	46.83 2.82 0.00	55.48 2.94 0.00	67.55 3.58 0.00	80.73 4.42 0.00	64.78 2.73 0.00	53.69 2.26 0.00	47.48 2.73 0.00	43.10 2.13 0.00
CALPINE BETH_PAGE_GT4 24209	46.28 2.04 0.00	42.84 1.61 0.00	40.10 1.32 0.00	39.87 1.31 0.00	40.14 1.28 0.00	46.79 1.71 0.00	59.98 1.75 0.00	83.98 3.46 0.00	67.11 2.52 0.00	55.39 2.31 -2.76	53.30 2.02 -4.40	51.42 2.05 -7.51	47.12 2.00 -5.11	44.95 1.84 -4.73	45.05 2.00 -5.41	46.66 2.18 -5.64	46.96 2.95 0.00	55.64 3.10 0.00	67.55 3.58 0.00	80.80 4.50 0.00	65.09 3.04 0.00	54.06 2.62 0.00	47.48 2.73 0.00	43.31 2.34 0.00
CALPINE_BETH_PAGE_GT_4 323586	46.37 2.12 0.00	42.88 1.65 0.00	40.14 1.36 0.00	39.87 1.31 0.00	40.21 1.36 0.00	46.83 1.76 0.00	60.04 1.81 0.00	83.82 3.30 0.00	67.11 2.52 0.00	55.39 2.32 -2.76	53.30 2.01 -4.40	51.46 2.09 -7.51	47.16 2.04 -5.11	44.91 1.80 -4.73	45.05 1.99 -5.41	46.62 2.14 -5.64	46.96 2.95 0.00	55.63 3.10 0.00	67.55 3.58 0.00	80.80 4.50 0.00	65.09 3.04 0.00	54.06 2.62 0.00	47.66 2.91 0.00	43.31 2.33 0.00
CALPINE_BP_GT1 23823	46.37 2.12 0.00	42.88 1.65 0.00	40.14 1.36 0.00	39.87 1.31 0.00	40.21 1.36 0.00	46.83 1.76 0.00	60.04 1.81 0.00	83.82 3.30 0.00	67.11 2.52 0.00	55.39 2.32 -2.76	53.30 2.01 -4.40	51.46 2.09 -7.51	47.16 2.04 -5.11	44.91 1.80 -4.73	45.05 1.99 -5.41	46.62 2.14 -5.64	46.96 2.95 0.00	55.63 3.10 0.00	67.55 3.58 0.00	80.80 4.50 0.00	65.09 3.04 0.00	54.06 2.62 0.00	47.66 2.91 0.00	43.31 2.33 0.00
CALSPAN___DRP 24200	42.38 -1.86 0.00	39.87 -1.36 0.00	37.66 -1.12 0.00	37.59 -0.96 0.00	37.96 -0.89 0.00	44.04 -1.04 0.00	57.01 -1.22 0.00	76.65 -3.86 0.00	61.62 -2.97 0.00	47.60 -2.72 0.00	44.91 -1.97 0.00	40.06 -1.80 0.00	37.93 -2.08 0.00	36.31 -2.07 0.00	35.53 -2.11 0.00	36.71 -2.14 0.00	41.15 -2.86 0.00	48.86 -3.68 0.00	59.69 -4.29 0.00	75.73 -6.10 -5.53	58.45 -3.60 0.00	48.60 -2.83 0.00	42.69 -2.06 0.00	39.50 -1.47 0.00

CALVERTON___SOLAR 323806	46.37 2.12 0.00	43.17 1.94 0.00	40.06 1.28 0.00	39.83 1.27 0.00	40.41 1.56 0.00	46.20 1.13 0.00	59.40 1.16 0.00	82.86 2.34 0.00	66.08 1.49 0.00	54.33 1.26 -2.76	52.17 0.89 -4.40	50.54 1.17 -7.51	46.52 1.40 -5.11	44.26 1.15 -4.73	44.45 1.39 -5.41	46.12 1.63 -5.64	46.83 2.82 0.00	55.48 2.94 0.00	67.62 3.64 0.00	80.88 4.58 0.00	64.78 2.73 0.00	53.64 2.21 0.00	47.44 2.69 0.00	43.06 2.09 0.00
CANDIGU_WT_PWR 323617	42.96 -1.28 0.00	40.08 -1.15 0.00	37.77 -1.01 0.00	37.71 -0.85 0.00	38.12 -0.74 0.00	44.26 -0.81 0.00	57.71 -0.53 0.00	78.67 -1.85 0.00	62.66 -1.94 0.00	48.21 -2.11 0.00	45.01 -1.88 0.00	40.06 -1.80 0.00	38.09 -1.92 0.00	36.50 -1.88 0.00	35.80 -1.84 0.00	36.94 -1.90 0.00	41.50 -2.51 0.00	49.65 -2.89 0.00	61.16 -2.81 0.00	72.79 -3.51 0.00	60.06 -1.99 0.00	49.74 -1.70 0.00	43.23 -1.52 0.00	39.82 -1.15 0.00
CARR STREET_E_SYR 24060	43.00 -1.24 0.00	40.12 -1.11 0.00	37.77 -1.01 0.00	37.59 -0.96 0.00	37.89 -0.97 0.00	43.90 -1.17 0.00	56.90 -1.34 0.00	78.59 -1.93 0.00	62.98 -1.61 0.00	48.96 -1.36 0.00	45.62 -1.26 0.00	40.65 -1.22 0.00	38.81 -1.20 0.00	37.23 -1.15 0.00	36.51 -1.13 0.00	37.68 -1.16 0.00	42.51 -1.50 0.00	50.65 -1.89 0.00	61.73 -2.24 0.00	73.63 -2.67 0.00	60.12 -1.92 0.00	49.94 -1.49 0.00	43.41 -1.34 0.00	39.78 -1.19 0.00
CARTHAGE___PAPER 23857	44.29 0.04 0.00	41.19 -0.04 0.00	38.82 0.04 0.00	38.56 0.00 0.00	38.78 -0.08 0.00	45.16 0.09 0.00	58.70 0.46 0.00	81.65 1.13 0.00	65.24 0.65 0.00	50.42 0.10 0.00	46.88 0.00 0.00	41.78 -0.08 0.00	40.01 0.00 0.00	38.30 -0.08 0.00	37.53 -0.11 0.00	38.73 -0.12 0.00	43.84 -0.18 0.00	52.69 0.16 0.00	64.80 0.83 0.00	77.45 1.15 0.00	63.04 0.99 0.00	52.10 0.67 0.00	44.89 0.13 0.00	40.93 -0.04 0.00
CASSADAGA_WT_PWR 323784	43.98 -0.26 0.00	41.11 -0.12 0.00	38.82 0.04 0.00	38.83 0.27 0.00	39.28 0.43 0.00	45.62 0.54 0.00	59.81 1.57 0.00	80.84 0.32 0.00	64.66 0.06 0.00	49.92 -0.40 0.00	46.98 0.09 0.00	41.82 -0.04 0.00	39.53 -0.48 0.00	37.84 -0.54 0.00	37.04 -0.60 0.00	38.22 -0.62 0.00	42.69 -1.32 0.00	50.91 -1.63 0.00	62.31 -1.66 0.00	73.71 -2.59 0.00	61.31 -0.74 0.00	50.87 -0.56 0.00	44.49 -0.27 0.00	41.10 0.12 0.00
CE_DUNWOOD___DRP 24194	45.75 1.50 0.00	42.51 1.28 0.00	39.87 1.09 0.00	39.64 1.08 0.00	39.94 1.09 0.00	46.42 1.35 0.00	60.10 1.86 0.00	83.90 3.38 0.00	67.11 2.52 0.00	55.29 2.11 -2.86	53.42 1.97 -4.57	51.50 1.84 -7.79	47.07 1.76 -5.30	44.94 1.65 -4.91	44.91 1.66 -5.61	46.49 1.79 -5.85	46.21 2.20 0.00	55.06 2.52 0.00	66.92 2.94 0.00	79.96 3.66 0.00	64.65 2.61 0.00	53.59 2.16 0.00	46.77 2.01 0.00	42.69 1.72 0.00
CE_MILLWOOD___DRP 24193	45.61 1.37 0.00	42.39 1.15 0.00	39.75 0.97 0.00	39.52 0.96 0.00	39.87 1.01 0.00	46.29 1.22 0.00	59.92 1.69 0.00	83.66 3.14 0.00	66.86 2.26 0.00	63.29 1.91 -11.05	66.32 1.78 -17.66	73.66 1.67 -30.12	62.11 1.60 -20.50	58.84 1.50 -18.96	60.85 1.51 -21.70	63.05 1.59 -22.61	46.04 2.02 0.00	54.85 2.31 0.00	66.66 2.69 0.00	79.66 3.36 0.00	64.47 2.42 0.00	53.44 2.01 0.00	46.63 1.88 0.00	42.53 1.56 0.00
CE_NYC2_DRP 24202	46.06 1.81 0.00	42.76 1.53 0.00	40.06 1.28 0.00	39.83 1.27 0.00	40.22 1.36 0.00	46.61 1.53 0.00	60.21 1.98 0.00	84.30 3.78 0.00	67.44 2.84 0.00	55.48 2.42 -2.74	53.61 2.34 -4.38	51.56 2.22 -7.48	47.26 2.16 -5.09	45.12 2.03 -4.71	45.06 2.03 -5.39	46.60 2.14 -5.61	46.65 2.64 0.00	55.53 2.99 0.00	67.23 3.26 0.00	80.35 4.04 0.00	64.90 2.85 0.00	53.85 2.42 0.00	47.08 2.33 0.00	43.06 2.09 0.00
CE_NYC_DRP 24195	45.88 1.64 0.00	42.59 1.36 0.00	39.91 1.12 0.00	39.67 1.12 0.00	40.06 1.20 0.00	46.51 1.44 0.00	60.27 2.04 0.00	84.30 3.78 0.00	67.44 2.84 0.00	55.43 2.37 -2.75	53.52 2.25 -4.39	51.48 2.13 -7.49	47.15 2.04 -5.09	45.01 1.92 -4.71	44.96 1.92 -5.39	46.49 2.02 -5.62	46.52 2.51 0.00	55.48 2.94 0.00	67.30 3.33 0.00	80.42 4.12 0.00	64.90 2.85 0.00	53.85 2.42 0.00	47.04 2.28 0.00	42.90 1.93 0.00
CHAFFEE___LFGE 323603	43.09 -1.15 0.00	40.29 -0.95 0.00	37.97 -0.82 0.00	37.90 -0.66 0.00	38.31 -0.54 0.00	44.44 -0.63 0.00	58.23 0.00 0.00	78.82 -1.69 0.00	62.79 -1.81 0.00	48.41 -1.91 0.00	45.38 -1.50 0.00	40.48 -1.38 0.00	38.33 -1.68 0.00	36.69 -1.69 0.00	35.95 -1.69 0.00	37.10 -1.75 0.00	41.41 -2.60 0.00	49.38 -3.15 0.00	60.52 -3.46 0.00	71.73 -4.58 0.00	59.56 -2.48 0.00	49.32 -2.11 0.00	43.10 -1.65 0.00	39.95 -1.02 0.00
CHATEAUG_35_KV_LOAD 355732	45.30 1.06 0.00	42.18 0.95 0.00	39.67 0.89 0.00	39.44 0.89 0.00	39.75 0.89 0.00	46.11 1.04 0.00	59.63 1.40 0.00	82.13 1.61 0.00	66.34 1.74 0.00	51.48 1.16 0.00	47.96 1.08 0.00	42.83 0.96 0.00	41.01 1.00 0.00	39.30 0.92 0.00	38.55 0.90 0.00	39.74 0.89 0.00	45.07 1.06 0.00	53.95 1.42 0.00	65.76 1.79 0.00	78.13 1.83 0.00	63.72 1.68 0.00	52.67 1.23 0.00	45.60 0.85 0.00	41.71 0.74 0.00
CHATEAUG_WT_PWR 323614	45.26 1.02 0.00	42.14 0.91 0.00	39.67 0.89 0.00	39.40 0.85 0.00	39.71 0.85 0.00	46.06 0.99 0.00	59.51 1.28 0.00	82.05 1.53 0.00	66.27 1.68 0.00	51.48 1.16 0.00	48.01 1.12 0.00	42.87 1.00 0.00	41.01 1.00 0.00	39.30 0.92 0.00	38.54 0.90 0.00	39.70 0.85 0.00	45.02 1.01 0.00	53.85 1.31 0.00	65.63 1.66 0.00	78.06 1.76 0.00	63.60 1.55 0.00	52.52 1.08 0.00	45.51 0.76 0.00	41.63 0.65 0.00
CHAT_HIGH_FALL_HYD 323578	45.30 1.06 0.00	42.18 0.95 0.00	39.67 0.89 0.00	39.44 0.89 0.00	39.75 0.89 0.00	46.11 1.04 0.00	59.63 1.40 0.00	82.13 1.61 0.00	66.34 1.74 0.00	51.48 1.16 0.00	47.96 1.08 0.00	42.83 0.96 0.00	41.01 1.00 0.00	39.30 0.92 0.00	38.55 0.90 0.00	39.74 0.89 0.00	45.07 1.06 0.00	53.95 1.42 0.00	65.76 1.79 0.00	78.13 1.83 0.00	63.72 1.68 0.00	52.67 1.23 0.00	45.60 0.85 0.00	41.71 0.74 0.00
CHAUTAUQUA___LFGE 323629	43.53 -0.71 0.00	40.70 -0.54 0.00	38.43 -0.35 0.00	38.36 -0.19 0.00	38.82 -0.04 0.00	45.03 -0.05 0.00	58.82 0.58 0.00	79.56 -0.96 0.00	63.56 -1.04 0.00	49.11 -1.21 0.00	46.23 -0.66 0.00	41.19 -0.67 0.00	38.97 -1.04 0.00	37.27 -1.11 0.00	36.51 -1.13 0.00	37.68 -1.16 0.00	42.16 -1.85 0.00	50.17 -2.36 0.00	61.41 -2.56 0.00	72.64 -3.66 0.00	60.44 -1.61 0.00	50.15 -1.28 0.00	43.86 -0.89 0.00	40.56 -0.41 0.00
CHERRYST_13_KV_LD 356241	46.01 1.77 0.00	42.72 1.48 0.00	40.02 1.24 0.00	39.79 1.23 0.00	40.18 1.32 0.00	46.65 1.58 0.00	60.45 2.21 0.00	84.63 4.11 0.00	67.70 3.10 0.00	55.63 2.57 -2.75	53.71 2.44 -4.39	51.61 2.26 -7.49	47.31 2.20 -5.09	45.13 2.03 -4.71	45.07 2.03 -5.39	46.64 2.18 -5.62	46.70 2.68 0.00	55.69 3.15 0.00	67.49 3.52 0.00	80.65 4.35 0.00	65.09 3.04 0.00	54.01 2.57 0.00	47.17 2.42 0.00	43.02 2.05 0.00

CHESTROR_138KV_BK263 355645	45.26 1.02 0.00	42.06 0.82 0.00	39.48 0.70 0.00	39.25 0.69 0.00	39.59 0.74 0.00	45.97 0.90 0.00	59.57 1.34 0.00	82.69 2.17 0.00	66.08 1.49 0.00	46.78 1.21 4.75	40.42 1.13 7.59	30.00 1.09 12.95	32.20 1.00 8.81	31.15 0.92 8.15	29.25 0.94 9.33	30.17 1.05 9.72	45.51 1.50 0.00	54.22 1.68 0.00	65.96 1.98 0.00	78.90 2.59 0.00	63.91 1.86 0.00	52.92 1.49 0.00	46.14 1.39 0.00	42.16 1.19 0.00
CH_MIDHUDSON___DRP 24192	45.70 1.46 0.00	42.51 1.28 0.00	39.87 1.09 0.00	39.64 1.08 0.00	39.94 1.09 0.00	46.42 1.35 0.00	60.10 1.86 0.00	83.74 3.22 0.00	66.99 2.39 0.00	53.04 1.96 -0.76	49.92 1.83 -1.21	45.60 1.67 -2.06	43.01 1.60 -1.40	41.17 1.50 -1.30	40.63 1.51 -1.48	41.99 1.59 -1.55	45.99 1.98 0.00	54.79 2.26 0.00	66.66 2.69 0.00	79.66 3.36 0.00	64.47 2.42 0.00	53.39 1.95 0.00	46.59 1.83 0.00	42.53 1.56 0.00
CH_MISC_IPPS 23765	45.92 1.68 0.00	42.72 1.48 0.00	40.10 1.32 0.00	39.90 1.35 0.00	40.18 1.32 0.00	46.74 1.67 0.00	60.50 2.27 0.00	84.30 3.79 0.00	67.43 2.84 0.00	52.64 2.32 0.00	48.94 2.06 0.00	43.79 1.93 0.00	41.81 1.80 0.00	40.07 1.69 0.00	39.34 1.70 0.00	40.64 1.79 0.00	46.25 2.24 0.00	55.11 2.57 0.00	67.17 3.20 0.00	80.34 4.04 0.00	65.03 2.98 0.00	53.80 2.37 0.00	46.90 2.15 0.00	42.77 1.80 0.00
CH_RES_BVR_FALLS 23983	44.24 0.00 0.00	41.19 -0.04 0.00	38.74 -0.04 0.00	38.48 -0.08 0.00	38.78 -0.08 0.00	44.94 -0.13 0.00	58.00 -0.23 0.00	80.20 -0.32 0.00	64.47 -0.13 0.00	50.27 -0.05 0.00	46.88 0.00 0.00	41.95 0.08 0.00	40.13 0.12 0.00	38.53 0.15 0.00	37.83 0.19 0.00	39.04 0.20 0.00	44.28 0.27 0.00	52.91 0.37 0.00	64.36 0.39 0.00	76.45 0.15 0.00	62.11 0.06 0.00	51.38 -0.05 0.00	44.62 -0.13 0.00	40.77 -0.20 0.00
CH_RES_NIAGARA 23895	40.53 -3.72 0.00	38.18 -3.05 0.00	36.03 -2.75 0.00	35.97 -2.58 0.00	36.33 -2.53 0.00	42.10 -2.97 0.00	54.10 -4.13 0.00	72.55 -7.97 0.00	58.39 -6.20 0.00	45.19 -5.13 0.00	42.66 -4.22 0.00	38.14 -3.73 0.00	36.09 -3.92 0.00	34.54 -3.84 0.00	33.84 -3.80 0.00	34.92 -3.92 0.00	39.26 -4.75 0.00	46.44 -6.09 0.00	56.68 -7.29 0.00	66.46 -9.84 0.00	55.35 -6.70 0.00	46.14 -5.30 0.00	40.64 -4.12 0.00	37.65 -3.32 0.00
CH_RES_SYRACUSE 23985	43.31 -0.93 0.00	40.37 -0.87 0.00	38.04 -0.74 0.00	37.82 -0.73 0.00	38.16 -0.70 0.00	44.21 -0.86 0.00	57.36 -0.87 0.00	79.15 -1.37 0.00	63.50 -1.10 0.00	49.31 -1.01 0.00	45.95 -0.94 0.00	40.90 -0.96 0.00	39.05 -0.96 0.00	37.42 -0.96 0.00	36.70 -0.94 0.00	37.88 -0.97 0.00	42.78 -1.23 0.00	51.12 -1.42 0.00	62.38 -1.60 0.00	74.47 -1.83 0.00	60.74 -1.31 0.00	50.35 -1.08 0.00	43.73 -1.03 0.00	40.07 -0.90 0.00
CLINTON_WT_PWR 323605	45.26 1.02 0.00	42.14 0.91 0.00	39.67 0.89 0.00	39.40 0.85 0.00	39.71 0.85 0.00	46.06 0.99 0.00	59.51 1.28 0.00	82.05 1.53 0.00	66.27 1.68 0.00	51.48 1.16 0.00	48.01 1.12 0.00	42.87 1.00 0.00	41.01 1.00 0.00	39.30 0.92 0.00	38.54 0.90 0.00	39.70 0.85 0.00	45.02 1.01 0.00	53.85 1.31 0.00	65.63 1.66 0.00	78.06 1.76 0.00	63.60 1.55 0.00	52.52 1.08 0.00	45.51 0.76 0.00	41.63 0.65 0.00
CLINTON___LFGE 323618	46.37 2.12 0.00	43.13 1.90 0.00	40.60 1.82 0.00	40.33 1.77 0.00	40.68 1.83 0.00	47.19 2.12 0.00	61.09 2.85 0.00	84.06 3.54 0.00	68.15 3.55 0.00	52.84 2.51 0.00	49.23 2.34 0.00	43.91 2.05 0.00	42.05 2.04 0.00	40.30 1.92 0.00	39.45 1.81 0.00	40.64 1.79 0.00	46.12 2.11 0.00	55.21 2.68 0.00	67.36 3.39 0.00	79.89 3.59 0.00	65.34 3.29 0.00	53.95 2.52 0.00	46.59 1.84 0.00	42.61 1.64 0.00
COBBLENY_34_KV_TB1 80064	42.74 -1.50 0.00	40.12 -1.11 0.00	37.93 -0.85 0.00	37.90 -0.66 0.00	38.31 -0.54 0.00	44.44 -0.63 0.00	58.23 0.00 0.00	78.67 -1.85 0.00	62.79 -1.81 0.00	48.41 -1.91 0.00	45.38 -1.50 0.00	40.48 -1.38 0.00	38.33 -1.68 0.00	36.69 -1.69 0.00	35.95 -1.69 0.00	37.10 -1.75 0.00	41.41 -2.60 0.00	49.38 -3.15 0.00	60.52 -3.45 0.00	71.72 -4.58 0.00	59.57 -2.48 0.00	49.32 -2.11 0.00	43.10 -1.66 0.00	39.99 -0.98 0.00
COFFEEN___115KV_TB3 355620	44.60 0.35 0.00	41.48 0.25 0.00	39.17 0.39 0.00	38.86 0.31 0.00	39.01 0.16 0.00	45.52 0.45 0.00	59.17 0.93 0.00	82.29 1.77 0.00	65.56 0.97 0.00	50.67 0.35 0.00	47.02 0.14 0.00	41.86 0.00 0.00	39.97 -0.04 0.00	38.26 -0.12 0.00	37.49 -0.15 0.00	38.69 -0.16 0.00	43.70 -0.31 0.00	52.64 0.11 0.00	64.93 0.96 0.00	77.83 1.53 0.00	63.48 1.43 0.00	52.51 1.08 0.00	45.20 0.45 0.00	41.18 0.20 0.00
COLDSPRG_115KV_BK1 355956	43.93 -0.31 0.00	41.27 0.04 0.00	39.05 0.27 0.00	39.06 0.50 0.00	39.48 0.62 0.00	45.88 0.81 0.00	60.16 1.92 0.00	81.24 0.72 0.00	65.05 0.45 0.00	50.12 -0.20 0.00	47.12 0.23 0.00	41.95 0.08 0.00	39.69 -0.32 0.00	37.96 -0.42 0.00	37.15 -0.49 0.00	38.34 -0.51 0.00	42.82 -1.19 0.00	51.06 -1.47 0.00	62.57 -1.41 0.00	74.01 -2.29 0.00	61.55 -0.50 0.00	51.02 -0.41 0.00	44.62 -0.13 0.00	41.26 0.29 0.00
COLONIE_LFGE___ 323577	45.88 1.64 0.00	42.76 1.53 0.00	40.14 1.36 0.00	39.87 1.31 0.00	40.18 1.32 0.00	46.74 1.67 0.00	60.22 1.98 0.00	83.34 2.82 0.00	66.79 2.20 0.00	52.96 1.86 -0.78	49.77 1.64 -1.24	45.49 1.50 -2.12	42.89 1.44 -1.44	41.09 1.38 -1.33	40.52 1.35 -1.53	41.88 1.44 -1.59	45.68 1.67 0.00	54.53 2.00 0.00	66.34 2.37 0.00	79.27 2.97 0.00	64.16 2.11 0.00	53.13 1.69 0.00	46.36 1.61 0.00	42.49 1.52 0.00
COOPERNY_115KV_TB1 80082	44.91 0.66 0.00	41.77 0.54 0.00	39.25 0.47 0.00	39.02 0.46 0.00	39.32 0.47 0.00	45.66 0.59 0.00	59.11 0.87 0.00	81.97 1.45 0.00	65.56 0.97 0.00	48.27 0.81 2.86	43.07 0.75 4.56	34.79 0.71 7.78	35.36 0.64 5.30	34.06 0.58 4.90	32.64 0.60 5.61	33.66 0.66 5.84	44.98 0.97 0.00	53.64 1.10 0.00	65.32 1.34 0.00	77.98 1.68 0.00	63.29 1.24 0.00	52.41 0.98 0.00	45.69 0.94 0.00	41.75 0.78 0.00
COPENHAGEN_WT_PWR 323753	44.11 -0.13 0.00	41.07 -0.16 0.00	38.74 -0.04 0.00	38.48 -0.08 0.00	38.66 -0.19 0.00	44.98 -0.09 0.00	58.53 0.29 0.00	81.32 0.81 0.00	64.92 0.32 0.00	50.22 -0.10 0.00	46.65 -0.23 0.00	41.57 -0.29 0.00	39.73 -0.28 0.00	38.03 -0.35 0.00	37.27 -0.38 0.00	38.46 -0.39 0.00	43.44 -0.57 0.00	52.17 -0.37 0.00	64.23 0.26 0.00	76.91 0.61 0.00	62.73 0.68 0.00	51.90 0.46 0.00	44.71 -0.04 0.00	40.81 -0.16 0.00
CORNELL_____ 23752	44.38 0.13 0.00	41.36 0.12 0.00	38.98 0.19 0.00	38.79 0.23 0.00	39.13 0.27 0.00	45.48 0.41 0.00	59.11 0.87 0.00	81.49 0.97 0.00	65.24 0.65 0.00	50.47 0.15 0.00	46.93 0.05 0.00	41.74 -0.13 0.00	39.77 -0.24 0.00	38.07 -0.31 0.00	37.34 -0.30 0.00	38.58 -0.27 0.00	43.66 -0.35 0.00	52.27 -0.26 0.00	64.04 0.06 0.00	76.53 0.23 0.00	62.55 0.50 0.00	51.74 0.31 0.00	44.84 0.09 0.00	41.09 0.12 0.00

CORONA V_69_KV_TB1 355595	46.41 2.17 0.00	43.01 1.77 0.00	40.26 1.47 0.00	40.02 1.47 0.00	40.33 1.48 0.00	46.97 1.89 0.00	60.51 2.27 0.00	84.55 4.03 0.00	67.63 3.04 0.00	55.74 2.67 -2.76	53.68 2.39 -4.40	51.72 2.34 -7.51	47.40 2.28 -5.11	45.18 2.07 -4.73	45.24 2.18 -5.41	46.85 2.37 -5.64	47.14 3.12 0.00	55.90 3.36 0.00	67.87 3.90 0.00	81.11 4.81 0.00	65.46 3.41 0.00	54.37 2.93 0.00	47.71 2.95 0.00	43.43 2.46 0.00
CORTLAND_115KV_TB3 80093	44.07 -0.18 0.00	41.07 -0.16 0.00	38.70 -0.08 0.00	38.52 -0.04 0.00	38.82 -0.04 0.00	45.12 0.05 0.00	58.53 0.29 0.00	80.76 0.24 0.00	64.66 0.06 0.00	50.17 -0.15 0.00	46.65 -0.23 0.00	41.57 -0.29 0.00	39.65 -0.36 0.00	38.00 -0.38 0.00	37.23 -0.41 0.00	38.46 -0.39 0.00	43.48 -0.53 0.00	51.96 -0.58 0.00	63.52 -0.45 0.00	75.84 -0.46 0.00	61.92 -0.12 0.00	51.28 -0.15 0.00	44.53 -0.22 0.00	40.81 -0.16 0.00
COXSACKIE___GT 23611	47.34 3.10 0.00	44.08 2.84 0.00	41.42 2.64 0.00	41.21 2.66 0.00	41.50 2.64 0.00	48.41 3.34 0.00	62.78 4.55 0.00	86.96 6.44 0.00	69.38 4.78 0.00	54.53 3.67 -0.54	50.70 2.96 -0.86	45.88 2.55 -1.46	43.29 2.28 -1.00	41.45 2.15 -0.92	40.77 2.07 -1.05	42.20 2.25 -1.10	46.52 2.51 0.00	55.85 3.31 0.00	68.64 4.67 0.00	82.18 5.88 0.00	66.70 4.66 0.00	55.03 3.60 0.00	47.84 3.09 0.00	43.80 2.82 0.00
CPV_VALLEY___CC1 323721	45.04 0.80 0.00	41.89 0.66 0.00	39.36 0.58 0.00	39.13 0.58 0.00	39.40 0.54 0.00	45.84 0.77 0.00	59.22 0.99 0.00	82.05 1.53 0.00	65.63 1.03 0.00	47.11 0.85 4.07	41.23 0.84 6.49	31.58 0.79 11.08	33.23 0.76 7.54	32.10 0.69 6.97	30.37 0.71 7.98	31.31 0.78 8.32	45.20 1.19 0.00	53.85 1.31 0.00	65.51 1.53 0.00	78.28 1.98 0.00	63.41 1.36 0.00	52.52 1.08 0.00	45.87 1.12 0.00	41.87 0.90 0.00
CPV_VALLEY___CC2 323722	45.04 0.80 0.00	41.89 0.66 0.00	39.36 0.58 0.00	39.13 0.58 0.00	39.40 0.54 0.00	45.84 0.77 0.00	59.22 0.99 0.00	82.05 1.53 0.00	65.63 1.03 0.00	47.11 0.85 4.07	41.23 0.84 6.49	31.58 0.79 11.08	33.23 0.76 7.54	32.10 0.69 6.97	30.37 0.71 7.98	31.31 0.78 8.32	45.20 1.19 0.00	53.85 1.31 0.00	65.51 1.53 0.00	78.28 1.98 0.00	63.41 1.36 0.00	52.52 1.08 0.00	45.87 1.12 0.00	41.87 0.90 0.00
CRESCENT___HYD 24018	45.88 1.64 0.00	42.76 1.53 0.00	40.14 1.36 0.00	39.87 1.31 0.00	40.18 1.32 0.00	46.74 1.67 0.00	60.22 1.98 0.00	83.34 2.82 0.00	66.79 2.20 0.00	52.96 1.86 -0.78	49.77 1.64 -1.24	45.49 1.50 -2.12	42.89 1.44 -1.44	41.09 1.38 -1.33	40.52 1.35 -1.53	41.88 1.44 -1.59	45.68 1.67 0.00	54.53 2.00 0.00	66.34 2.37 0.00	79.27 2.97 0.00	64.16 2.11 0.00	53.13 1.69 0.00	46.36 1.61 0.00	42.49 1.52 0.00
CRICKET___VALLEY_CC1 323756	45.48 1.24 0.00	42.35 1.11 0.00	39.75 0.97 0.00	39.52 0.96 0.00	39.79 0.93 0.00	46.24 1.17 0.00	59.63 1.40 0.00	82.86 2.34 0.00	66.40 1.81 0.00	53.71 1.61 -1.78	51.18 1.45 -2.84	48.09 1.38 -4.85	44.63 1.32 -3.30	42.69 1.26 -3.05	42.37 1.24 -3.49	43.84 1.36 -3.64	45.68 1.67 0.00	54.42 1.89 0.00	66.08 2.11 0.00	78.97 2.67 0.00	63.78 1.73 0.00	52.93 1.49 0.00	46.23 1.47 0.00	42.24 1.27 0.00
CRICKET___VALLEY_CC2 323757	45.48 1.24 0.00	42.35 1.11 0.00	39.75 0.97 0.00	39.52 0.96 0.00	39.79 0.93 0.00	46.24 1.17 0.00	59.63 1.40 0.00	82.86 2.34 0.00	66.40 1.81 0.00	53.71 1.61 -1.78	51.18 1.45 -2.84	48.09 1.38 -4.85	44.63 1.32 -3.30	42.69 1.26 -3.05	42.37 1.24 -3.49	43.84 1.36 -3.64	45.68 1.67 0.00	54.42 1.89 0.00	66.08 2.11 0.00	78.97 2.67 0.00	63.78 1.73 0.00	52.93 1.49 0.00	46.23 1.47 0.00	42.24 1.27 0.00
CRICKET___VALLEY_CC3 323758	45.48 1.24 0.00	42.35 1.11 0.00	39.75 0.97 0.00	39.52 0.96 0.00	39.79 0.93 0.00	46.24 1.17 0.00	59.63 1.40 0.00	82.86 2.34 0.00	66.40 1.81 0.00	53.71 1.61 -1.78	51.18 1.45 -2.84	48.09 1.38 -4.85	44.63 1.32 -3.30	42.69 1.26 -3.05	42.37 1.24 -3.49	43.84 1.36 -3.64	45.68 1.67 0.00	54.42 1.89 0.00	66.08 2.11 0.00	78.97 2.67 0.00	63.78 1.73 0.00	52.93 1.49 0.00	46.23 1.47 0.00	42.24 1.27 0.00
CRUCIBLE_METL_DRP 24180	43.36 -0.88 0.00	40.41 -0.82 0.00	38.12 -0.66 0.00	37.90 -0.66 0.00	38.23 -0.62 0.00	44.35 -0.72 0.00	57.36 -0.87 0.00	79.15 -1.37 0.00	63.50 -1.10 0.00	49.31 -1.01 0.00	45.95 -0.94 0.00	40.90 -0.96 0.00	39.05 -0.96 0.00	37.42 -0.96 0.00	36.70 -0.94 0.00	37.88 -0.97 0.00	42.78 -1.23 0.00	51.12 -1.42 0.00	62.37 -1.60 0.00	74.47 -1.83 0.00	60.75 -1.30 0.00	50.35 -1.08 0.00	43.72 -1.03 0.00	40.07 -0.90 0.00
DAHOWA___HYDRO 323763	46.14 1.90 0.00	43.00 1.77 0.00	40.41 1.63 0.00	40.10 1.54 0.00	40.45 1.59 0.00	47.19 2.12 0.00	60.86 2.62 0.00	84.38 3.86 0.00	67.63 3.04 0.00	53.42 2.37 -0.73	49.98 1.92 -1.17	45.62 1.76 -2.00	42.93 1.56 -1.36	41.13 1.50 -1.26	40.51 1.43 -1.44	41.90 1.56 -1.50	45.90 1.89 0.00	54.84 2.31 0.00	66.85 2.88 0.00	80.04 3.74 0.00	64.78 2.73 0.00	53.59 2.16 0.00	46.68 1.92 0.00	42.77 1.80 0.00
DANC___LFGE 323619	43.53 -0.71 0.00	40.57 -0.66 0.00	38.24 -0.54 0.00	38.02 -0.54 0.00	38.23 -0.62 0.00	44.40 -0.67 0.00	57.60 -0.64 0.00	79.87 -0.65 0.00	63.82 -0.77 0.00	49.51 -0.81 0.00	46.04 -0.84 0.00	41.03 -0.84 0.00	39.21 -0.80 0.00	37.57 -0.81 0.00	36.81 -0.83 0.00	37.96 -0.89 0.00	42.82 -1.19 0.00	51.38 -1.16 0.00	63.08 -0.90 0.00	75.46 -0.84 0.00	61.49 -0.56 0.00	50.97 -0.46 0.00	44.08 -0.67 0.00	40.28 -0.70 0.00
DANSKAMMER___1 23586	45.92 1.68 0.00	42.72 1.48 0.00	40.10 1.32 0.00	39.90 1.35 0.00	40.18 1.32 0.00	46.74 1.67 0.00	60.50 2.27 0.00	84.30 3.79 0.00	67.43 2.84 0.00	52.64 2.32 0.00	48.94 2.06 0.00	43.79 1.93 0.00	41.81 1.80 0.00	40.07 1.69 0.00	39.34 1.70 0.00	40.64 1.79 0.00	46.25 2.24 0.00	55.11 2.57 0.00	67.17 3.20 0.00	80.34 4.04 0.00	65.03 2.98 0.00	53.80 2.37 0.00	46.90 2.15 0.00	42.77 1.80 0.00
DANSKAMMER___2 23589	45.92 1.68 0.00	42.72 1.48 0.00	40.10 1.32 0.00	39.90 1.35 0.00	40.18 1.32 0.00	46.74 1.67 0.00	60.50 2.27 0.00	84.30 3.79 0.00	67.43 2.84 0.00	52.64 2.32 0.00	48.94 2.06 0.00	43.79 1.93 0.00	41.81 1.80 0.00	40.07 1.69 0.00	39.34 1.70 0.00	40.64 1.79 0.00	46.25 2.24 0.00	55.11 2.57 0.00	67.17 3.20 0.00	80.34 4.04 0.00	65.03 2.98 0.00	53.80 2.37 0.00	46.90 2.15 0.00	42.77 1.80 0.00
DANSKAMMER___3 23590	45.92 1.68 0.00	42.72 1.48 0.00	40.10 1.32 0.00	39.90 1.35 0.00	40.18 1.32 0.00	46.74 1.67 0.00	60.50 2.27 0.00	84.30 3.79 0.00	67.43 2.84 0.00	52.64 2.32 0.00	48.94 2.06 0.00	43.79 1.93 0.00	41.81 1.80 0.00	40.07 1.69 0.00	39.34 1.70 0.00	40.64 1.79 0.00	46.25 2.24 0.00	55.11 2.57 0.00	67.17 3.20 0.00	80.34 4.04 0.00	65.03 2.98 0.00	53.80 2.37 0.00	46.90 2.15 0.00	42.77 1.80 0.00

DANSKAMMER___4 23591	45.92 1.68 0.00	42.72 1.48 0.00	40.10 1.32 0.00	39.90 1.35 0.00	40.18 1.32 0.00	46.74 1.67 0.00	60.50 2.27 0.00	84.30 3.79 0.00	67.43 2.84 0.00	52.64 2.32 0.00	48.94 2.06 0.00	43.79 1.93 0.00	41.81 1.80 0.00	40.07 1.69 0.00	39.34 1.70 0.00	40.64 1.79 0.00	46.25 2.24 0.00	55.11 2.57 0.00	67.17 3.20 0.00	80.34 4.04 0.00	65.03 2.98 0.00	53.80 2.37 0.00	46.90 2.15 0.00	42.77 1.80 0.00
DANSKAMMER___DIESEL 23592	45.84 1.59 0.00	42.63 1.40 0.00	39.98 1.20 0.00	39.79 1.23 0.00	40.10 1.24 0.00	46.61 1.53 0.00	60.45 2.21 0.00	84.38 3.86 0.00	67.44 2.84 0.00	52.64 2.31 0.00	48.95 2.06 0.00	43.79 1.93 0.00	41.77 1.76 0.00	40.07 1.69 0.00	39.30 1.66 0.00	40.63 1.79 0.00	46.26 2.24 0.00	55.11 2.57 0.00	67.17 3.20 0.00	80.35 4.04 0.00	65.03 2.98 0.00	53.80 2.37 0.00	46.90 2.15 0.00	42.77 1.80 0.00
DARBY___SOLAR 323810	46.06 1.81 0.00	42.92 1.69 0.00	40.33 1.55 0.00	40.02 1.46 0.00	40.37 1.51 0.00	47.05 1.98 0.00	60.68 2.45 0.00	84.15 3.63 0.00	67.37 2.78 0.00	53.27 2.21 -0.74	49.89 1.83 -1.18	45.55 1.68 -2.01	42.90 1.52 -1.37	41.07 1.42 -1.27	40.44 1.35 -1.45	41.83 1.48 -1.51	45.82 1.81 0.00	54.74 2.21 0.00	66.72 2.75 0.00	79.81 3.51 0.00	64.59 2.55 0.00	53.44 2.00 0.00	46.59 1.84 0.00	42.65 1.68 0.00
DASHVILLE___HYD 23610	45.70 1.46 0.00	42.47 1.24 0.00	39.87 1.09 0.00	39.64 1.08 0.00	39.94 1.09 0.00	46.38 1.31 0.00	60.04 1.81 0.00	83.66 3.14 0.00	66.79 2.20 0.00	52.33 2.01 0.00	48.66 1.78 0.00	43.49 1.63 0.00	41.57 1.56 0.00	39.84 1.46 0.00	39.11 1.47 0.00	40.44 1.59 0.00	45.73 1.72 0.00	54.53 2.00 0.00	66.40 2.43 0.00	79.43 3.13 0.00	64.34 2.30 0.00	53.28 1.85 0.00	46.50 1.75 0.00	42.49 1.52 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	46.59 2.34 0.00	43.01 1.77 0.00	40.18 1.40 0.00	39.98 1.43 0.00	40.14 1.28 0.00	46.24 1.17 0.00	59.63 1.40 0.00	83.90 3.38 0.00	66.66 2.07 0.00	54.64 1.56 -2.76	52.27 0.98 -4.40	50.50 1.13 -7.51	46.48 1.36 -5.11	44.22 1.11 -4.73	44.45 1.39 -5.41	46.12 1.63 -5.64	46.83 2.82 0.00	55.58 3.05 0.00	67.75 3.77 0.00	81.18 4.88 0.00	64.90 2.85 0.00	53.80 2.37 0.00	47.44 2.69 0.00	43.31 2.34 0.00
DELAWARE___LFGE 323621	45.08 0.84 0.00	41.98 0.74 0.00	39.48 0.70 0.00	39.25 0.69 0.00	39.52 0.66 0.00	45.97 0.90 0.00	59.57 1.34 0.00	82.61 2.09 0.00	66.02 1.42 0.00	50.94 1.06 0.44	47.22 1.03 0.70	41.59 0.92 1.19	39.96 0.76 0.81	38.36 0.73 0.75	37.50 0.72 0.86	38.73 0.78 0.89	44.89 0.88 0.00	53.64 1.10 0.00	65.32 1.34 0.00	78.06 1.75 0.00	63.41 1.37 0.00	52.56 1.13 0.00	45.74 0.98 0.00	41.83 0.86 0.00
DERFIELD_115KV_TB7 355931	44.51 0.27 0.00	41.44 0.21 0.00	38.98 0.19 0.00	38.75 0.19 0.00	39.01 0.16 0.00	45.25 0.18 0.00	58.47 0.23 0.00	81.08 0.56 0.00	64.98 0.39 0.00	50.67 0.35 0.00	47.21 0.33 0.00	42.20 0.33 0.00	40.29 0.28 0.00	38.69 0.31 0.00	37.94 0.30 0.00	39.12 0.27 0.00	44.36 0.35 0.00	52.96 0.42 0.00	64.42 0.45 0.00	76.91 0.61 0.00	62.42 0.37 0.00	51.79 0.36 0.00	45.07 0.31 0.00	41.26 0.29 0.00
DOGLEVILLE___HYD 23807	44.07 -0.18 0.00	41.03 -0.21 0.00	38.63 -0.15 0.00	38.40 -0.15 0.00	38.70 -0.15 0.00	44.98 -0.09 0.00	58.23 0.00 0.00	80.76 0.24 0.00	64.85 0.26 0.00	50.57 0.25 0.00	47.17 0.28 0.00	42.20 0.33 0.00	40.33 0.32 0.00	38.72 0.34 0.00	37.98 0.34 0.00	39.24 0.39 0.00	44.45 0.44 0.00	52.95 0.42 0.00	64.42 0.45 0.00	76.76 0.46 0.00	62.30 0.25 0.00	51.69 0.26 0.00	44.93 0.18 0.00	41.14 0.16 0.00
DUNKIRK___115KV_TB_200 55889	43.09 -1.15 0.00	40.57 -0.66 0.00	38.36 -0.43 0.00	38.36 -0.19 0.00	38.78 -0.08 0.00	45.03 -0.05 0.00	58.76 0.52 0.00	79.15 -1.37 0.00	63.43 -1.16 0.00	48.96 -1.36 0.00	46.09 -0.80 0.00	41.11 -0.75 0.00	38.89 -1.12 0.00	37.19 -1.19 0.00	36.44 -1.20 0.00	37.60 -1.24 0.00	42.07 -1.94 0.00	50.07 -2.47 0.00	61.29 -2.69 0.00	72.41 -3.89 0.00	60.25 -1.80 0.00	50.04 -1.39 0.00	43.77 -0.98 0.00	40.52 -0.45 0.00
DUNKIRK___1 23563	43.09 -1.15 0.00	40.57 -0.66 0.00	38.36 -0.43 0.00	38.36 -0.19 0.00	38.78 -0.08 0.00	45.03 -0.05 0.00	58.76 0.52 0.00	79.15 -1.37 0.00	63.43 -1.16 0.00	48.96 -1.36 0.00	46.09 -0.80 0.00	41.11 -0.75 0.00	38.89 -1.12 0.00	37.19 -1.19 0.00	36.44 -1.20 0.00	37.60 -1.24 0.00	42.07 -1.94 0.00	50.07 -2.47 0.00	61.29 -2.69 0.00	72.41 -3.89 0.00	60.25 -1.80 0.00	50.04 -1.39 0.00	43.77 -0.98 0.00	40.52 -0.45 0.00
DUNKIRK___2 23564	43.09 -1.15 0.00	40.57 -0.66 0.00	38.36 -0.43 0.00	38.36 -0.19 0.00	38.78 -0.08 0.00	45.03 -0.05 0.00	58.76 0.52 0.00	79.15 -1.37 0.00	63.43 -1.16 0.00	48.96 -1.36 0.00	46.09 -0.80 0.00	41.11 -0.75 0.00	38.89 -1.12 0.00	37.19 -1.19 0.00	36.44 -1.20 0.00	37.60 -1.24 0.00	42.07 -1.94 0.00	50.07 -2.47 0.00	61.29 -2.69 0.00	72.41 -3.89 0.00	60.25 -1.80 0.00	50.04 -1.39 0.00	43.77 -0.98 0.00	40.52 -0.45 0.00
DUNKIRK___3 23565	42.87 -1.37 0.00	40.33 -0.91 0.00	38.08 -0.70 0.00	38.09 -0.46 0.00	38.51 -0.35 0.00	44.67 -0.41 0.00	58.18 -0.06 0.00	78.43 -2.09 0.00	62.85 -1.74 0.00	48.56 -1.76 0.00	45.71 -1.17 0.00	40.73 -1.13 0.00	38.57 -1.44 0.00	36.88 -1.50 0.00	36.14 -1.51 0.00	37.29 -1.55 0.00	41.77 -2.24 0.00	49.70 -2.84 0.00	60.77 -3.20 0.00	71.80 -4.50 0.00	59.75 -2.30 0.00	49.58 -1.85 0.00	43.41 -1.34 0.00	40.19 -0.78 0.00
DUNKIRK___4 23566	42.87 -1.37 0.00	40.33 -0.91 0.00	38.08 -0.70 0.00	38.09 -0.46 0.00	38.51 -0.35 0.00	44.67 -0.41 0.00	58.18 -0.06 0.00	78.43 -2.09 0.00	62.85 -1.74 0.00	48.56 -1.76 0.00	45.71 -1.17 0.00	40.73 -1.13 0.00	38.57 -1.44 0.00	36.88 -1.50 0.00	36.14 -1.51 0.00	37.29 -1.55 0.00	41.77 -2.24 0.00	49.70 -2.84 0.00	60.77 -3.20 0.00	71.80 -4.50 0.00	59.75 -2.30 0.00	49.58 -1.85 0.00	43.41 -1.34 0.00	40.19 -0.78 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	45.84 1.59 0.00	42.55 1.32 0.00	39.91 1.12 0.00	39.67 1.12 0.00	40.02 1.17 0.00	46.51 1.44 0.00	60.16 1.92 0.00	84.06 3.54 0.00	67.24 2.65 0.00	55.28 2.21 -2.74	53.33 2.06 -4.38	51.26 1.93 -7.48	46.94 1.84 -5.09	44.81 1.73 -4.70	44.80 1.77 -5.39	46.32 1.86 -5.61	46.34 2.33 0.00	55.22 2.68 0.00	67.04 3.07 0.00	80.12 3.82 0.00	64.78 2.73 0.00	53.70 2.26 0.00	46.90 2.15 0.00	42.77 1.80 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	45.48 1.24 0.00	42.30 1.07 0.00	39.67 0.89 0.00	39.48 0.93 0.00	39.79 0.93 0.00	46.24 1.17 0.00	59.92 1.69 0.00	83.42 2.90 0.00	66.60 2.00 0.00	49.99 1.66 1.99	45.20 1.50 3.18	37.85 1.42 5.43	37.63 1.32 3.70	36.19 1.23 3.42	34.97 1.24 3.91	36.09 1.32 4.08	45.82 1.80 0.00	54.58 2.05 0.00	66.47 2.49 0.00	79.51 3.20 0.00	64.41 2.36 0.00	53.28 1.85 0.00	46.45 1.70 0.00	42.41 1.43 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	46.01 1.77 0.00	42.63 1.40 0.00	39.95 1.16 0.00	39.71 1.16 0.00	40.06 1.20 0.00	46.38 1.31 0.00	59.92 1.69 0.00	83.90 3.38 0.00	67.05 2.45 0.00	55.23 2.16 -2.74	53.38 2.11 -4.38	51.31 1.97 -7.48	47.06 1.96 -5.09	44.93 1.84 -4.71	44.87 1.84 -5.39	46.40 1.94 -5.61	46.43 2.42 0.00	55.27 2.73 0.00	66.92 2.94 0.00	79.96 3.66 0.00	64.59 2.54 0.00	53.59 2.16 0.00	46.90 2.15 0.00	42.98 2.01 0.00
E179THST_13_KV_LOAD 356214	46.15 1.90 0.00	42.80 1.57 0.00	40.06 1.28 0.00	39.83 1.27 0.00	40.22 1.36 0.00	46.56 1.49 0.00	60.16 1.92 0.00	84.22 3.70 0.00	67.37 2.78 0.00	55.43 2.37 -2.74	53.56 2.30 -4.38	51.52 2.18 -7.48	47.22 2.12 -5.09	45.08 2.00 -4.71	45.03 2.00 -5.39	46.56 2.10 -5.61	46.61 2.60 0.00	55.53 2.99 0.00	67.23 3.26 0.00	80.35 4.04 0.00	64.90 2.85 0.00	53.85 2.42 0.00	47.08 2.33 0.00	43.14 2.17 0.00
EAST HAMPTON___GT 23717	46.50 2.26 0.00	43.25 2.02 0.00	40.06 1.28 0.00	39.87 1.31 0.00	40.33 1.48 0.00	46.02 0.95 0.00	59.28 1.05 0.00	82.93 2.41 0.00	66.34 1.74 0.00	54.38 1.31 -2.76	51.80 0.52 -4.40	50.17 0.79 -7.51	46.08 0.96 -5.11	43.76 0.65 -4.73	43.99 0.94 -5.41	45.65 1.16 -5.64	46.21 2.20 0.00	54.90 2.37 0.00	66.98 3.01 0.00	80.27 3.97 0.00	64.22 2.17 0.00	53.18 1.75 0.00	46.99 2.24 0.00	43.06 2.09 0.00
EAST RIVER___6 23660	45.97 1.72 0.00	42.64 1.40 0.00	40.06 1.28 0.00	39.83 1.27 0.00	40.10 1.24 0.00	46.69 1.62 0.00	60.33 2.09 0.00	84.15 3.63 0.00	67.43 2.84 0.00	55.43 2.37 -2.75	53.52 2.25 -4.39	51.44 2.09 -7.49	47.14 2.04 -5.09	44.97 1.88 -4.71	44.95 1.92 -5.39	46.49 2.02 -5.62	46.52 2.51 0.00	55.48 2.94 0.00	67.23 3.26 0.00	80.27 3.97 0.00	64.84 2.79 0.00	53.80 2.37 0.00	46.99 2.24 0.00	42.86 1.89 0.00
EAST RIVER___7 23524	45.97 1.72 0.00	42.64 1.40 0.00	40.06 1.28 0.00	39.83 1.27 0.00	40.10 1.24 0.00	46.69 1.62 0.00	60.33 2.09 0.00	84.15 3.63 0.00	67.43 2.84 0.00	55.43 2.37 -2.75	53.52 2.25 -4.39	51.44 2.09 -7.49	47.14 2.04 -5.09	44.97 1.88 -4.71	44.95 1.92 -5.39	46.49 2.02 -5.62	46.52 2.51 0.00	55.48 2.94 0.00	67.23 3.26 0.00	80.27 3.97 0.00	64.84 2.79 0.00	53.80 2.37 0.00	46.99 2.24 0.00	42.86 1.89 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	45.75 1.50 0.00	42.51 1.28 0.00	39.87 1.09 0.00	39.64 1.08 0.00	39.94 1.09 0.00	46.42 1.35 0.00	60.10 1.86 0.00	83.90 3.38 0.00	67.11 2.52 0.00	55.29 2.11 -2.86	53.42 1.97 -4.57	51.50 1.84 -7.79	47.07 1.76 -5.30	44.94 1.65 -4.91	44.91 1.66 -5.61	46.49 1.79 -5.85	46.21 2.20 0.00	55.06 2.52 0.00	66.92 2.94 0.00	79.96 3.66 0.00	64.65 2.61 0.00	53.59 2.16 0.00	46.77 2.01 0.00	42.69 1.72 0.00
EAST_HAMPTON___DIESEL 23722	46.41 2.17 0.00	43.21 1.98 0.00	40.02 1.24 0.00	39.79 1.23 0.00	40.25 1.40 0.00	45.93 0.85 0.00	59.16 0.93 0.00	82.77 2.25 0.00	66.27 1.68 0.00	54.28 1.21 -2.76	51.66 0.37 -4.40	50.04 0.67 -7.51	46.00 0.88 -5.11	43.68 0.58 -4.73	43.92 0.87 -5.41	45.53 1.05 -5.64	46.12 2.11 0.00	54.79 2.26 0.00	66.85 2.88 0.00	80.11 3.81 0.00	64.03 1.99 0.00	53.08 1.65 0.00	46.90 2.15 0.00	43.02 2.05 0.00
EAST_POINT___SOLAR 323840	47.25 3.01 0.00	43.91 2.68 0.00	41.34 2.56 0.00	41.03 2.47 0.00	41.34 2.49 0.00	48.36 3.29 0.00	62.78 4.55 0.00	86.80 6.28 0.00	69.31 4.71 0.00	53.41 2.56 -0.52	49.36 1.64 -0.84	44.09 0.79 -1.43	41.30 0.32 -0.97	40.09 0.81 -0.90	39.50 0.83 -1.03	40.74 0.82 -1.07	45.38 1.37 0.00	55.21 2.68 0.00	68.45 4.48 0.00	82.26 5.96 0.00	66.83 4.78 0.00	55.39 3.96 0.00	48.06 3.31 0.00	43.80 2.82 0.00
EAST_PULASKI___ESR 323781	43.05 -1.19 0.00	40.12 -1.11 0.00	37.81 -0.97 0.00	37.59 -0.96 0.00	37.89 -0.97 0.00	43.86 -1.21 0.00	56.84 -1.40 0.00	78.67 -1.85 0.00	62.92 -1.68 0.00	48.91 -1.41 0.00	45.52 -1.36 0.00	40.56 -1.30 0.00	38.77 -1.24 0.00	37.15 -1.23 0.00	36.44 -1.21 0.00	37.57 -1.28 0.00	42.38 -1.63 0.00	50.70 -1.84 0.00	62.05 -1.92 0.00	74.17 -2.14 0.00	60.50 -1.55 0.00	50.15 -1.28 0.00	43.50 -1.25 0.00	39.82 -1.15 0.00
EAST_RIVER___1 323558	45.97 1.72 0.00	42.68 1.44 0.00	40.06 1.28 0.00	39.87 1.31 0.00	40.14 1.28 0.00	46.69 1.62 0.00	60.39 2.16 0.00	84.30 3.79 0.00	67.43 2.84 0.00	55.43 2.37 -2.75	53.52 2.25 -4.39	51.48 2.13 -7.49	47.18 2.08 -5.09	45.01 1.92 -4.71	44.95 1.92 -5.39	46.49 2.02 -5.62	46.52 2.51 0.00	55.48 2.94 0.00	67.30 3.32 0.00	80.42 4.12 0.00	64.90 2.86 0.00	53.85 2.42 0.00	47.03 2.28 0.00	42.90 1.93 0.00
EAST_RIVER___2 323559	45.97 1.72 0.00	42.64 1.40 0.00	40.06 1.28 0.00	39.83 1.27 0.00	40.10 1.24 0.00	46.69 1.62 0.00	60.33 2.09 0.00	84.15 3.63 0.00	67.43 2.84 0.00	55.43 2.37 -2.75	53.52 2.25 -4.39	51.44 2.09 -7.49	47.14 2.04 -5.09	44.97 1.88 -4.71	44.95 1.92 -5.39	46.49 2.02 -5.62	46.52 2.51 0.00	55.48 2.94 0.00	67.23 3.26 0.00	80.27 3.97 0.00	64.84 2.79 0.00	53.80 2.37 0.00	46.99 2.24 0.00	42.86 1.89 0.00
EAST___DELAWARE_HYD 23607	45.83 1.59 0.00	42.59 1.36 0.00	40.02 1.24 0.00	39.83 1.27 0.00	40.10 1.24 0.00	46.69 1.62 0.00	60.57 2.33 0.00	84.15 3.63 0.00	67.24 2.65 0.00	50.81 2.01 1.53	46.18 1.74 2.44	39.24 1.55 4.17	38.57 1.40 2.84	37.02 1.26 2.62	35.92 1.28 3.00	37.11 1.40 3.13	45.86 1.85 0.00	54.74 2.21 0.00	66.85 2.88 0.00	79.96 3.66 0.00	64.84 2.79 0.00	53.59 2.16 0.00	46.63 1.88 0.00	42.57 1.60 0.00
EIGHT_POINT___WT_PWR 323820	43.36 -0.88 0.00	40.45 -0.78 0.00	38.16 -0.62 0.00	38.09 -0.46 0.00	38.54 -0.31 0.00	44.85 -0.22 0.00	58.65 0.41 0.00	79.87 -0.65 0.00	63.69 -0.90 0.00	48.86 -1.46 0.00	45.52 -1.36 0.00	40.40 -1.47 0.00	38.41 -1.60 0.00	36.80 -1.58 0.00	36.10 -1.54 0.00	37.25 -1.59 0.00	41.90 -2.11 0.00	50.28 -2.26 0.00	62.05 -1.92 0.00	73.86 -2.44 0.00	60.99 -1.06 0.00	50.51 -0.92 0.00	43.81 -0.94 0.00	40.31 -0.66 0.00
ELBRIDGE_115KV_TB2 80188	43.14 -1.11 0.00	40.24 -0.99 0.00	37.93 -0.85 0.00	37.75 -0.81 0.00	38.08 -0.78 0.00	44.17 -0.90 0.00	57.07 -1.16 0.00	78.67 -1.85 0.00	63.11 -1.49 0.00	49.01 -1.31 0.00	45.66 -1.22 0.00	40.65 -1.21 0.00	38.81 -1.20 0.00	37.23 -1.15 0.00	36.51 -1.13 0.00	37.68 -1.17 0.00	42.56 -1.45 0.00	50.80 -1.73 0.00	62.05 -1.92 0.00	74.01 -2.29 0.00	60.44 -1.61 0.00	50.10 -1.34 0.00	43.50 -1.25 0.00	39.87 -1.11 0.00
ELEC_TRO_TEK 24086	46.19 1.95 0.00	42.80 1.57 0.00	40.06 1.28 0.00	39.83 1.27 0.00	40.14 1.28 0.00	46.74 1.67 0.00	60.16 1.92 0.00	84.14 3.62 0.00	67.24 2.65 0.00	55.44 2.37 -2.76	53.39 2.11 -4.40	51.47 2.09 -7.51	47.16 2.04 -5.11	44.99 1.88 -4.73	45.05 2.00 -5.41	46.66 2.18 -5.64	46.87 2.86 0.00	55.58 3.05 0.00	67.55 3.58 0.00	80.73 4.43 0.00	65.09 3.04 0.00	54.06 2.62 0.00	47.39 2.64 0.00	43.18 2.21 0.00

ELLENBURG_WT_PWR 323604	45.26 1.02 0.00	42.14 0.91 0.00	39.67 0.89 0.00	39.40 0.85 0.00	39.71 0.85 0.00	46.06 0.99 0.00	59.51 1.28 0.00	82.05 1.53 0.00	66.27 1.68 0.00	51.48 1.16 0.00	48.01 1.12 0.00	42.87 1.00 0.00	41.01 1.00 0.00	39.30 0.92 0.00	38.54 0.90 0.00	39.70 0.85 0.00	45.02 1.01 0.00	53.85 1.31 0.00	65.63 1.66 0.00	78.06 1.76 0.00	63.60 1.55 0.00	52.52 1.08 0.00	45.51 0.76 0.00	41.63 0.65 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	42.03 -2.21 0.00	39.54 -1.69 0.00	37.35 -1.43 0.00	37.28 -1.27 0.00	37.65 -1.20 0.00	43.68 -1.40 0.00	56.43 -1.81 0.00	75.93 -4.59 0.00	61.04 -3.55 0.00	47.20 -3.12 0.00	44.49 -2.39 0.00	39.73 -2.13 0.00	37.57 -2.44 0.00	36.00 -2.38 0.00	35.23 -2.41 0.00	36.36 -2.49 0.00	40.80 -3.21 0.00	48.44 -4.10 0.00	59.17 -4.80 0.00	69.51 -6.79 0.00	57.89 -4.16 0.00	48.14 -3.29 0.00	42.29 -2.46 0.00	39.13 -1.84 0.00
EMPIRE_CC_1 323656	45.48 1.24 0.00	42.43 1.20 0.00	39.79 1.01 0.00	39.52 0.96 0.00	39.83 0.97 0.00	46.29 1.22 0.00	59.40 1.16 0.00	82.21 1.69 0.00	65.82 1.22 0.00	52.51 1.21 -0.98	49.53 1.08 -1.57	45.54 1.00 -2.67	42.87 1.04 -1.82	41.17 1.11 -1.68	40.62 1.05 -1.92	41.98 1.13 -2.01	45.20 1.19 0.00	53.95 1.42 0.00	65.44 1.47 0.00	78.13 1.83 0.00	63.17 1.12 0.00	52.52 1.08 0.00	45.83 1.07 0.00	42.12 1.15 0.00
EMPIRE_CC_2 323658	45.48 1.24 0.00	42.43 1.20 0.00	39.79 1.01 0.00	39.52 0.96 0.00	39.83 0.97 0.00	46.29 1.22 0.00	59.40 1.16 0.00	82.21 1.69 0.00	65.82 1.22 0.00	52.51 1.21 -0.98	49.53 1.08 -1.57	45.54 1.00 -2.67	42.87 1.04 -1.82	41.17 1.11 -1.68	40.62 1.05 -1.92	41.98 1.13 -2.01	45.20 1.19 0.00	53.95 1.42 0.00	65.44 1.47 0.00	78.13 1.83 0.00	63.17 1.12 0.00	52.52 1.08 0.00	45.83 1.07 0.00	42.12 1.15 0.00
ENORWICH_115KV_TB1 80156	46.46 2.21 0.00	43.21 1.98 0.00	40.72 1.94 0.00	40.48 1.93 0.00	40.68 1.83 0.00	47.55 2.48 0.00	62.25 4.02 0.00	86.64 6.12 0.00	69.18 4.59 0.00	53.24 2.92 0.00	49.27 2.39 0.00	43.79 1.93 0.00	41.53 1.52 0.00	39.76 1.38 0.00	38.96 1.32 0.00	40.28 1.44 0.00	45.60 1.58 0.00	54.90 2.36 0.00	67.62 3.65 0.00	80.96 4.65 0.00	65.96 3.91 0.00	54.47 3.03 0.00	46.99 2.24 0.00	42.98 2.01 0.00
ERIE_ST_34_KV_TB1-2 80199	42.78 -1.46 0.00	40.24 -0.99 0.00	37.97 -0.81 0.00	37.94 -0.62 0.00	38.31 -0.54 0.00	44.44 -0.63 0.00	57.71 -0.52 0.00	77.78 -2.74 0.00	62.46 -2.13 0.00	48.26 -2.06 0.00	45.43 -1.45 0.00	40.56 -1.30 0.00	38.37 -1.64 0.00	36.73 -1.65 0.00	35.95 -1.69 0.00	37.10 -1.75 0.00	41.55 -2.46 0.00	49.38 -3.15 0.00	60.45 -5.04 0.00	71.27 -2.85 0.00	59.19 -2.26 0.00	49.17 -1.66 0.00	43.10 -1.11 0.00	39.87 0.00 0.00
ERIE_WT_PWR 323693	42.83 -1.42 0.00	39.95 -1.28 0.00	37.62 -1.16 0.00	37.55 -1.00 0.00	37.92 -0.93 0.00	43.95 -1.13 0.00	57.01 -1.23 0.00	76.98 -3.54 0.00	61.69 -2.91 0.00	47.65 -2.67 0.00	44.92 -1.97 0.00	40.11 -1.76 0.00	37.93 -2.08 0.00	36.34 -2.04 0.00	35.57 -2.07 0.00	36.71 -2.14 0.00	41.19 -2.82 0.00	48.91 -3.62 0.00	59.75 -4.22 0.00	70.27 -6.03 0.00	58.51 -3.53 0.00	48.66 -2.78 0.00	42.70 -2.06 0.00	39.54 -1.44 0.00
ESPRGFLD_115KV_TB1 80157	45.88 1.64 0.00	42.68 1.44 0.00	40.18 1.40 0.00	39.91 1.35 0.00	40.18 1.32 0.00	46.88 1.80 0.00	60.97 2.74 0.00	84.55 4.03 0.00	67.50 2.91 0.00	52.18 1.86 0.00	48.48 1.59 0.00	43.12 1.26 0.00	40.97 0.96 0.00	39.38 1.00 0.00	38.58 0.94 0.00	39.86 1.01 0.00	45.16 1.14 0.00	54.27 1.73 0.00	66.60 2.62 0.00	79.73 3.43 0.00	64.84 2.79 0.00	53.80 2.37 0.00	46.63 1.88 0.00	42.57 1.60 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	44.33 0.09 0.00	41.32 0.08 0.00	38.94 0.16 0.00	38.75 0.19 0.00	39.09 0.23 0.00	45.43 0.36 0.00	58.99 0.76 0.00	81.32 0.81 0.00	65.11 0.52 0.00	50.42 0.10 0.00	46.84 -0.05 0.00	41.65 -0.21 0.00	39.73 -0.28 0.00	38.03 -0.35 0.00	37.30 -0.34 0.00	38.54 -0.31 0.00	43.61 -0.40 0.00	52.22 -0.32 0.00	63.91 -0.06 0.00	76.38 0.08 0.00	62.42 0.37 0.00	51.64 0.21 0.00	44.80 0.04 0.00	41.01 0.04 0.00
ETNA____115KV_TB2 80207	44.33 0.09 0.00	41.32 0.08 0.00	38.94 0.16 0.00	38.75 0.19 0.00	39.09 0.23 0.00	45.43 0.36 0.00	58.99 0.76 0.00	81.32 0.81 0.00	65.11 0.52 0.00	50.42 0.10 0.00	46.84 -0.05 0.00	41.65 -0.21 0.00	39.73 -0.28 0.00	38.03 -0.35 0.00	37.30 -0.34 0.00	38.54 -0.31 0.00	43.61 -0.40 0.00	52.22 -0.32 0.00	63.91 -0.06 0.00	76.38 0.08 0.00	62.42 0.37 0.00	51.64 0.21 0.00	44.80 0.04 0.00	41.01 0.04 0.00
EUCLID____115KV_TB2 356179	42.83 -1.42 0.00	39.95 -1.28 0.00	37.70 -1.09 0.00	37.51 -1.04 0.00	37.81 -1.05 0.00	43.81 -1.26 0.00	56.60 -1.63 0.00	78.10 -2.42 0.00	62.59 -2.00 0.00	48.66 -1.66 0.00	45.38 -1.50 0.00	40.44 -1.42 0.00	38.61 -1.40 0.00	37.04 -1.34 0.00	36.32 -1.32 0.00	37.49 -1.36 0.00	42.34 -1.67 0.00	50.49 -2.05 0.00	61.61 -2.37 0.00	73.40 -2.90 0.00	59.94 -2.11 0.00	49.68 -1.75 0.00	43.19 -1.57 0.00	39.62 -1.35 0.00
E_CANADA_CAP_HY 24051	46.67 2.43 0.00	43.38 2.14 0.00	40.84 2.05 0.00	40.52 1.97 0.00	40.76 1.90 0.00	47.64 2.57 0.00	61.79 3.55 0.00	85.43 4.91 0.00	68.15 3.55 0.00	52.98 2.21 -0.45	49.38 1.78 -0.71	44.42 1.34 -1.22	41.84 1.00 -0.83	40.26 1.11 -0.77	39.61 1.09 -0.88	40.92 1.16 -0.91	45.38 1.37 0.00	54.74 2.21 0.00	67.42 3.45 0.00	80.88 4.58 0.00	65.65 3.60 0.00	54.68 3.24 0.00	47.44 2.69 0.00	43.22 2.25 0.00
E_CANADA_MHWK_HY 24050	44.07 -0.18 0.00	41.03 -0.21 0.00	38.63 -0.15 0.00	38.40 -0.15 0.00	38.70 -0.15 0.00	44.98 -0.09 0.00	58.23 0.00 0.00	80.76 0.24 0.00	64.85 0.26 0.00	50.57 0.25 0.00	47.17 0.28 0.00	42.20 0.33 0.00	40.33 0.32 0.00	38.72 0.34 0.00	37.98 0.34 0.00	39.24 0.39 0.00	44.45 0.44 0.00	52.95 0.42 0.00	64.42 0.45 0.00	76.76 0.46 0.00	62.30 0.25 0.00	51.69 0.26 0.00	44.93 0.18 0.00	41.14 0.16 0.00
E_FISHKILL____LBMP 23776	45.57 1.33 0.00	42.35 1.11 0.00	39.71 0.93 0.00	39.48 0.93 0.00	39.83 0.97 0.00	46.24 1.17 0.00	59.81 1.57 0.00	83.42 2.90 0.00	66.79 2.20 0.00	54.07 1.86 -1.89	51.63 1.73 -3.02	48.64 1.63 -5.15	45.07 1.56 -3.50	43.08 1.46 -3.24	42.82 1.47 -3.71	44.27 1.55 -3.86	45.86 1.85 0.00	54.69 2.15 0.00	66.40 2.43 0.00	79.35 3.05 0.00	64.22 2.17 0.00	53.23 1.80 0.00	46.45 1.70 0.00	42.45 1.47 0.00
FALCON____SEABRD_CC1 323796	46.28 2.04 0.00	43.09 1.86 0.00	40.53 1.75 0.00	40.25 1.69 0.00	40.56 1.71 0.00	47.05 1.98 0.00	60.91 2.68 0.00	83.82 3.30 0.00	67.95 3.36 0.00	52.74 2.42 0.00	49.13 2.25 0.00	43.87 2.01 0.00	41.97 1.96 0.00	40.22 1.84 0.00	39.41 1.77 0.00	40.55 1.71 0.00	46.04 2.03 0.00	55.06 2.52 0.00	67.17 3.20 0.00	79.74 3.44 0.00	65.09 3.04 0.00	53.75 2.32 0.00	46.45 1.70 0.00	42.49 1.52 0.00

FALCON___SEABRD_CC2 323797	46.28 2.04 0.00	43.09 1.86 0.00	40.53 1.75 0.00	40.25 1.69 0.00	40.56 1.71 0.00	47.05 1.98 0.00	60.91 2.68 0.00	83.82 3.30 0.00	67.95 3.36 0.00	52.74 2.42 0.00	49.13 2.25 0.00	43.87 2.01 0.00	41.97 1.96 0.00	40.22 1.84 0.00	39.41 1.77 0.00	40.55 1.71 0.00	46.04 2.03 0.00	55.06 2.52 0.00	67.17 3.20 0.00	79.74 3.44 0.00	65.09 3.04 0.00	53.75 2.32 0.00	46.45 1.70 0.00	42.49 1.52 0.00
FAR ROCKAWAY___4 23548	46.72 2.48 0.00	43.25 2.02 0.00	40.53 1.75 0.00	40.29 1.74 0.00	40.57 1.71 0.00	47.28 2.21 0.00	60.91 2.68 0.00	85.19 4.67 0.00	68.15 3.55 0.00	56.10 3.02 -2.76	54.05 2.77 -4.40	52.05 2.68 -7.51	47.68 2.56 -5.11	45.49 2.38 -4.73	45.54 2.48 -5.41	47.13 2.64 -5.64	47.44 3.43 0.00	56.32 3.78 0.00	68.39 4.41 0.00	81.79 5.49 0.00	66.02 3.97 0.00	54.78 3.34 0.00	48.02 3.27 0.00	43.72 2.75 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	46.19 1.95 0.00	42.63 1.40 0.00	39.95 1.16 0.00	39.71 1.16 0.00	40.10 1.24 0.00	46.56 1.49 0.00	60.33 2.10 0.00	84.38 3.86 0.00	67.50 2.91 0.00	55.48 2.42 -2.75	53.57 2.30 -4.39	51.48 2.13 -7.49	47.18 2.08 -5.09	45.01 1.92 -4.71	44.95 1.92 -5.39	46.53 2.06 -5.62	46.56 2.55 0.00	55.48 2.94 0.00	67.30 3.33 0.00	80.42 4.12 0.00	64.97 2.92 0.00	53.90 2.47 0.00	47.08 2.33 0.00	42.94 1.97 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	45.92 1.68 0.00	42.63 1.40 0.00	39.95 1.16 0.00	39.71 1.16 0.00	40.10 1.24 0.00	46.56 1.49 0.00	60.33 2.10 0.00	84.38 3.86 0.00	67.50 2.91 0.00	55.43 2.37 -2.75	53.57 2.30 -4.39	51.48 2.13 -7.49	47.18 2.08 -5.09	45.01 1.92 -4.71	44.95 1.92 -5.39	46.53 2.06 -5.62	46.56 2.55 0.00	55.48 2.94 0.00	67.30 3.33 0.00	80.42 4.12 0.00	64.97 2.92 0.00	53.90 2.47 0.00	47.08 2.33 0.00	42.94 1.97 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	45.88 1.64 0.00	42.59 1.36 0.00	39.95 1.16 0.00	39.71 1.16 0.00	40.06 1.20 0.00	46.56 1.49 0.00	60.27 2.04 0.00	84.30 3.78 0.00	67.44 2.84 0.00	55.43 2.37 -2.75	53.52 2.25 -4.39	51.48 2.13 -7.49	47.14 2.04 -5.09	45.01 1.92 -4.71	44.95 1.92 -5.39	46.49 2.02 -5.62	46.52 2.51 0.00	55.48 2.94 0.00	67.23 3.26 0.00	80.35 4.04 0.00	64.90 2.85 0.00	53.85 2.42 0.00	47.04 2.28 0.00	42.90 1.93 0.00
FARRAGUT___LBMP 323566	45.88 1.64 0.00	42.59 1.36 0.00	39.91 1.12 0.00	39.67 1.12 0.00	40.06 1.20 0.00	46.51 1.44 0.00	60.21 1.98 0.00	84.30 3.78 0.00	67.37 2.78 0.00	55.38 2.31 -2.75	53.47 2.20 -4.39	51.44 2.09 -7.49	47.10 2.00 -5.09	44.97 1.88 -4.71	44.92 1.88 -5.39	46.45 1.98 -5.62	46.48 2.46 0.00	55.43 2.89 0.00	67.23 3.26 0.00	80.35 4.04 0.00	64.90 2.85 0.00	53.80 2.37 0.00	47.04 2.28 0.00	42.90 1.93 0.00
FENNER___WINDPWR 24204	44.64 0.40 0.00	41.56 0.33 0.00	39.17 0.39 0.00	38.94 0.39 0.00	39.20 0.35 0.00	45.52 0.45 0.00	59.16 0.93 0.00	81.89 1.37 0.00	65.69 1.10 0.00	50.93 0.61 0.00	47.40 0.52 0.00	42.24 0.38 0.00	40.29 0.28 0.00	38.61 0.23 0.00	37.87 0.23 0.00	39.08 0.23 0.00	44.23 0.22 0.00	52.85 0.32 0.00	64.61 0.64 0.00	77.22 0.92 0.00	62.85 0.80 0.00	52.05 0.62 0.00	45.16 0.40 0.00	41.30 0.33 0.00
FIBERTEK___ENERGY 23856	43.36 -0.88 0.00	40.41 -0.82 0.00	38.12 -0.66 0.00	37.90 -0.66 0.00	38.23 -0.62 0.00	44.35 -0.72 0.00	57.36 -0.87 0.00	79.15 -1.37 0.00	63.50 -1.10 0.00	49.31 -1.01 0.00	45.95 -0.94 0.00	40.90 -0.96 0.00	39.05 -0.96 0.00	37.42 -0.96 0.00	36.70 -0.94 0.00	37.88 -0.97 0.00	42.78 -1.23 0.00	51.12 -1.42 0.00	62.37 -1.60 0.00	74.47 -1.83 0.00	60.75 -1.30 0.00	50.35 -1.08 0.00	43.72 -1.03 0.00	40.07 -0.90 0.00
FITZPATRICK____ 23598	42.34 -1.90 0.00	39.50 -1.73 0.00	37.23 -1.55 0.00	37.01 -1.54 0.00	37.34 -1.52 0.00	43.18 -1.89 0.00	55.84 -2.39 0.00	77.14 -3.38 0.00	61.88 -2.71 0.00	48.11 -2.21 0.00	44.87 -2.01 0.00	40.02 -1.84 0.00	38.25 -1.76 0.00	36.69 -1.69 0.00	35.99 -1.66 0.00	37.10 -1.75 0.00	41.94 -2.07 0.00	50.01 -2.52 0.00	60.97 -3.01 0.00	72.72 -3.58 0.00	59.26 -2.79 0.00	49.17 -2.26 0.00	42.74 -2.01 0.00	39.21 -1.76 0.00
FLOWRFLD_69_KV_BK1 356044	46.63 2.39 0.00	43.09 1.86 0.00	40.33 1.55 0.00	40.06 1.50 0.00	40.33 1.48 0.00	46.83 1.76 0.00	60.04 1.81 0.00	84.22 3.70 0.00	67.18 2.58 0.00	55.29 2.21 -2.76	53.16 1.88 -4.40	51.30 1.93 -7.51	47.12 2.00 -5.11	44.87 1.77 -4.73	45.05 2.00 -5.41	46.70 2.21 -5.64	47.31 3.30 0.00	56.00 3.47 0.00	68.19 4.22 0.00	81.49 5.19 0.00	65.52 3.47 0.00	54.31 2.88 0.00	47.89 3.13 0.00	43.55 2.58 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	45.92 1.68 0.00	42.72 1.48 0.00	40.06 1.28 0.00	39.83 1.27 0.00	40.14 1.28 0.00	46.70 1.62 0.00	60.56 2.33 0.00	84.55 4.03 0.00	67.63 3.04 0.00	52.74 2.42 0.00	49.04 2.16 0.00	43.87 2.01 0.00	41.89 1.88 0.00	40.14 1.77 0.00	39.41 1.77 0.00	40.71 1.86 0.00	46.34 2.33 0.00	55.22 2.68 0.00	67.30 3.33 0.00	80.50 4.20 0.00	65.15 3.10 0.00	53.90 2.47 0.00	46.95 2.19 0.00	42.86 1.88 0.00
FORT ORANGE____ 23900	45.97 1.72 0.00	42.80 1.57 0.00	40.22 1.44 0.00	39.94 1.39 0.00	40.25 1.40 0.00	46.83 1.76 0.00	60.33 2.09 0.00	83.50 2.98 0.00	66.85 2.26 0.00	52.98 1.91 -0.75	49.77 1.69 -1.20	45.41 1.50 -2.04	42.84 1.44 -1.39	41.05 1.38 -1.29	40.47 1.35 -1.47	41.82 1.44 -1.53	45.64 1.63 0.00	54.53 2.00 0.00	66.40 2.43 0.00	79.36 3.06 0.00	64.28 2.23 0.00	53.23 1.80 0.00	46.45 1.70 0.00	42.53 1.56 0.00
FORT_DRUM_COGEN 23780	44.24 0.00 0.00	41.19 -0.04 0.00	38.86 0.08 0.00	38.59 0.04 0.00	38.78 -0.08 0.00	45.16 0.09 0.00	58.70 0.47 0.00	81.65 1.13 0.00	65.18 0.58 0.00	50.37 0.05 0.00	46.84 -0.05 0.00	41.69 -0.17 0.00	39.89 -0.12 0.00	38.15 -0.23 0.00	37.38 -0.26 0.00	38.58 -0.27 0.00	43.57 -0.44 0.00	52.38 -0.16 0.00	64.48 0.51 0.00	77.22 0.92 0.00	62.98 0.93 0.00	52.05 0.62 0.00	44.84 0.09 0.00	40.89 -0.08 0.00
FOX_HILLS___ESR 323835	56.11 2.08 -9.78	55.38 1.77 -12.38	40.33 1.55 0.00	40.10 1.54 0.00	40.45 1.59 0.00	55.30 1.80 -8.42	60.33 2.10 0.00	84.46 3.95 0.00	67.44 2.84 0.00	57.04 2.72 -4.01	57.78 2.63 -8.27	56.97 2.43 -12.68	56.96 2.36 -14.59	56.96 2.23 -16.35	56.96 2.26 -17.06	56.92 2.33 -15.74	57.72 2.86 -10.85	61.19 3.31 -5.35	67.30 3.33 0.00	80.42 4.12 0.00	65.03 2.98 0.00	60.27 2.78 -6.06	57.64 2.64 -10.24	56.10 2.34 -12.80
FPL FAR_ROCK_GT1 24212	46.81 2.57 0.00	43.38 2.14 0.00	40.60 1.82 0.00	40.37 1.81 0.00	40.68 1.83 0.00	47.41 2.34 0.00	60.97 2.74 0.00	85.11 4.59 0.00	68.15 3.55 0.00	56.10 3.02 -2.76	54.05 2.77 -4.40	52.09 2.72 -7.51	47.72 2.60 -5.11	45.49 2.38 -4.73	45.54 2.48 -5.41	47.13 2.64 -5.64	47.45 3.44 0.00	56.32 3.78 0.00	68.38 4.41 0.00	81.80 5.50 0.00	66.02 3.97 0.00	54.77 3.34 0.00	48.06 3.31 0.00	43.72 2.75 0.00

FPL FAR_ROCK_GT2 23815	46.81 2.57 0.00	43.38 2.14 0.00	40.60 1.82 0.00	40.37 1.81 0.00	40.68 1.83 0.00	47.41 2.34 0.00	60.97 2.74 0.00	85.11 4.59 0.00	68.15 3.55 0.00	56.10 3.02 -2.76	54.05 2.77 -4.40	52.09 2.72 -7.51	47.72 2.60 -5.11	45.49 2.38 -4.73	45.54 2.48 -5.41	47.13 2.64 -5.64	47.45 3.44 0.00	56.32 3.78 0.00	68.38 4.41 0.00	81.80 5.50 0.00	66.02 3.97 0.00	54.77 3.34 0.00	48.06 3.31 0.00	43.72 2.75 0.00
FRANKLIN_FALL_HYD 24054	45.57 1.33 0.00	42.43 1.20 0.00	39.95 1.16 0.00	39.71 1.16 0.00	40.06 1.20 0.00	46.51 1.44 0.00	60.21 1.98 0.00	82.85 2.34 0.00	67.11 2.52 0.00	51.98 1.66 0.00	48.43 1.55 0.00	43.20 1.34 0.00	41.41 1.40 0.00	39.68 1.30 0.00	38.88 1.24 0.00	40.01 1.17 0.00	45.42 1.41 0.00	54.37 1.84 0.00	66.34 2.37 0.00	78.74 2.44 0.00	64.41 2.36 0.00	53.23 1.80 0.00	46.01 1.25 0.00	42.04 1.07 0.00
FREEPORT_EQUS_GT1 23764	46.54 2.30 0.00	43.13 1.90 0.00	40.33 1.55 0.00	40.10 1.54 0.00	40.41 1.56 0.00	47.05 1.98 0.00	60.45 2.21 0.00	84.38 3.86 0.00	67.57 2.97 0.00	55.64 2.56 -2.76	53.63 2.34 -4.40	51.71 2.34 -7.51	47.36 2.24 -5.11	45.14 2.03 -4.73	45.23 2.18 -5.41	46.85 2.37 -5.64	47.18 3.17 0.00	55.95 3.41 0.00	68.01 4.03 0.00	81.26 4.96 0.00	65.52 3.47 0.00	54.42 2.98 0.00	47.84 3.09 0.00	43.47 2.50 0.00
FREEPORT___CT2 23818	46.54 2.30 0.00	43.13 1.90 0.00	40.33 1.55 0.00	40.10 1.54 0.00	40.41 1.56 0.00	47.05 1.98 0.00	60.45 2.21 0.00	84.38 3.86 0.00	67.57 2.97 0.00	55.64 2.56 -2.76	53.63 2.34 -4.40	51.71 2.34 -7.51	47.36 2.24 -5.11	45.14 2.03 -4.73	45.23 2.18 -5.41	46.85 2.37 -5.64	47.18 3.17 0.00	55.95 3.41 0.00	68.01 4.03 0.00	81.26 4.96 0.00	65.52 3.47 0.00	54.42 2.98 0.00	47.84 3.09 0.00	43.47 2.50 0.00
FRESHKLS_33_KV_LOAD 356253	56.06 2.04 -9.78	55.38 1.77 -12.38	40.33 1.55 0.00	40.10 1.54 0.00	40.45 1.59 0.00	55.30 1.80 -8.42	60.16 1.92 0.00	84.22 3.70 0.00	67.17 2.58 0.01	56.99 2.67 -4.01	57.73 2.58 -8.27	56.93 2.39 -12.68	56.92 2.32 -14.59	56.96 2.23 -16.35	56.92 2.22 -17.06	56.92 2.33 -15.74	57.68 2.82 -10.85	61.14 3.26 -5.35	67.04 3.07 0.01	80.18 3.89 0.01	64.90 2.85 0.01	60.22 2.73 -6.06	57.64 2.64 -10.24	56.10 2.34 -12.80
FULTON COGEN____ 23766	42.65 -1.59 0.00	39.79 -1.44 0.00	37.50 -1.28 0.00	37.32 -1.23 0.00	37.61 -1.24 0.00	43.63 -1.44 0.00	56.37 -1.86 0.00	77.78 -2.74 0.00	62.33 -2.26 0.00	48.46 -1.86 0.00	45.10 -1.78 0.00	40.19 -1.67 0.00	38.41 -1.60 0.00	36.84 -1.54 0.00	36.14 -1.51 0.00	37.25 -1.59 0.00	42.07 -1.94 0.00	50.28 -2.26 0.00	61.35 -2.62 0.00	73.25 -3.05 0.00	59.75 -2.30 0.00	49.53 -1.90 0.00	43.01 -1.75 0.00	39.41 -1.56 0.00
FULTON___LFGE 323630	46.85 2.61 0.00	43.54 2.31 0.00	40.99 2.21 0.00	40.67 2.12 0.00	40.99 2.14 0.00	47.91 2.84 0.00	62.08 3.84 0.00	86.00 5.48 0.00	68.67 4.07 0.00	53.58 2.72 -0.54	49.91 2.16 -0.87	45.06 1.72 -1.48	42.42 1.40 -1.01	40.77 1.46 -0.93	40.18 1.47 -1.07	41.52 1.56 -1.11	45.90 1.89 0.00	55.27 2.73 0.00	67.94 3.97 0.00	81.49 5.19 0.00	66.14 4.09 0.00	54.83 3.39 0.00	47.62 2.87 0.00	43.43 2.46 0.00
G.F.CEMENT___DRP 24184	46.19 1.95 0.00	42.96 1.73 0.00	40.41 1.63 0.00	40.06 1.50 0.00	40.45 1.59 0.00	47.19 2.12 0.00	61.03 2.80 0.00	84.71 4.19 0.00	67.89 3.29 0.00	53.61 2.57 -0.72	50.10 2.06 -1.16	45.72 1.88 -1.97	43.07 1.72 -1.34	41.19 1.57 -1.24	40.53 1.47 -1.42	41.96 1.63 -1.48	45.95 1.94 0.00	54.90 2.36 0.00	66.92 2.94 0.00	80.19 3.89 0.00	64.90 2.85 0.00	53.59 2.16 0.00	46.72 1.97 0.00	42.77 1.80 0.00
GARDENVILLE___LBMP 24039	42.21 -2.04 0.00	39.71 -1.53 0.00	37.50 -1.28 0.00	37.48 -1.08 0.00	37.81 -1.05 0.00	43.86 -1.22 0.00	56.78 -1.46 0.00	76.41 -4.11 0.00	61.43 -3.17 0.00	47.45 -2.87 0.00	44.73 -2.16 0.00	39.94 -1.93 0.00	37.77 -2.24 0.00	36.15 -2.23 0.00	35.42 -2.22 0.00	36.56 -2.29 0.00	41.02 -2.99 0.00	48.65 -3.89 0.00	59.49 -4.48 0.00	69.97 -6.33 0.00	58.20 -3.85 0.00	48.45 -2.98 0.00	42.52 -2.24 0.00	39.33 -1.64 0.00
GARDNVLA_35_KV_LD 355827	42.52 -1.73 0.00	40.00 -1.24 0.00	37.77 -1.01 0.00	37.71 -0.85 0.00	38.08 -0.78 0.00	44.17 -0.90 0.00	57.19 -1.05 0.00	76.98 -3.54 0.00	61.88 -2.71 0.00	47.80 -2.52 0.00	45.10 -1.78 0.00	40.23 -1.63 0.00	38.05 -1.96 0.00	36.46 -1.92 0.00	35.68 -1.96 0.00	36.83 -2.02 0.00	41.33 -2.68 0.00	49.02 -3.52 0.00	59.94 -4.03 0.00	70.50 -5.80 0.00	58.64 -3.41 0.00	48.76 -2.67 0.00	42.83 -1.92 0.00	39.62 -1.35 0.00
GELCKHM___115KV_LOAD 80723	43.00 -1.24 0.00	40.12 -1.11 0.00	37.81 -0.97 0.00	37.59 -0.96 0.00	37.92 -0.93 0.00	43.99 -1.08 0.00	56.90 -1.34 0.00	78.43 -2.09 0.00	62.85 -1.74 0.00	48.91 -1.41 0.00	45.57 -1.31 0.00	40.56 -1.30 0.00	38.77 -1.24 0.00	37.19 -1.19 0.00	36.48 -1.17 0.00	37.64 -1.20 0.00	42.47 -1.54 0.00	50.70 -1.84 0.00	61.86 -2.11 0.00	73.78 -2.52 0.00	60.19 -1.86 0.00	49.94 -1.49 0.00	43.37 -1.39 0.00	39.74 -1.23 0.00
GENERAL___MILLS 23808	42.38 -1.86 0.00	39.87 -1.36 0.00	37.66 -1.12 0.00	37.59 -0.96 0.00	37.96 -0.89 0.00	44.04 -1.04 0.00	57.01 -1.22 0.00	76.65 -3.86 0.00	61.62 -2.97 0.00	47.60 -2.72 0.00	44.91 -1.97 0.00	40.06 -1.80 0.00	37.93 -2.08 0.00	36.31 -2.07 0.00	35.53 -2.11 0.00	36.71 -2.14 0.00	41.15 -2.86 0.00	48.86 -3.68 0.00	59.69 -4.29 0.00	70.20 -6.10 0.00	58.45 -3.60 0.00	48.60 -2.83 0.00	42.69 -2.06 0.00	39.50 -1.47 0.00
GE_PLASTICS___DRP 24183	45.48 1.24 0.00	42.39 1.15 0.00	39.79 1.01 0.00	39.56 1.00 0.00	39.87 1.01 0.00	46.24 1.17 0.00	59.69 1.46 0.00	82.77 2.25 0.00	66.27 1.68 0.00	52.53 1.46 -0.75	49.39 1.31 -1.20	45.07 1.17 -2.04	42.52 1.12 -1.39	40.78 1.11 -1.28	40.20 1.09 -1.47	41.50 1.13 -1.53	45.33 1.32 0.00	54.11 1.58 0.00	65.76 1.79 0.00	78.51 2.21 0.00	63.66 1.61 0.00	52.77 1.34 0.00	46.01 1.25 0.00	42.16 1.19 0.00
GILBOA___1 23756	45.13 0.88 0.00	42.01 0.78 0.00	39.48 0.70 0.00	39.25 0.69 0.00	39.56 0.70 0.00	45.93 0.85 0.00	59.28 1.05 0.00	81.97 1.45 0.00	65.63 1.03 0.00	51.33 1.01 0.00	47.77 0.89 0.00	42.70 0.84 0.00	40.81 0.80 0.00	39.15 0.77 0.00	38.39 0.75 0.00	39.66 0.82 0.00	44.98 0.97 0.00	53.64 1.11 0.00	65.13 1.15 0.00	77.75 1.45 0.00	63.22 1.18 0.00	52.36 0.93 0.00	45.65 0.89 0.00	41.79 0.82 0.00
GILBOA___2 23757	45.13 0.88 0.00	42.01 0.78 0.00	39.48 0.70 0.00	39.25 0.69 0.00	39.56 0.70 0.00	45.93 0.85 0.00	59.28 1.05 0.00	81.97 1.45 0.00	65.63 1.03 0.00	51.33 1.01 0.00	47.77 0.89 0.00	42.70 0.84 0.00	40.81 0.80 0.00	39.15 0.77 0.00	38.39 0.75 0.00	39.66 0.82 0.00	44.98 0.97 0.00	53.64 1.11 0.00	65.13 1.15 0.00	77.75 1.45 0.00	63.22 1.18 0.00	52.36 0.93 0.00	45.65 0.89 0.00	41.79 0.82 0.00

GILBOA___3 23758	45.13 0.88 0.00	42.01 0.78 0.00	39.48 0.70 0.00	39.25 0.69 0.00	39.56 0.70 0.00	45.93 0.85 0.00	59.28 1.05 0.00	81.97 1.45 0.00	65.63 1.03 0.00	51.33 1.01 0.00	47.77 0.89 0.00	42.70 0.84 0.00	40.81 0.80 0.00	39.15 0.77 0.00	38.39 0.75 0.00	39.66 0.82 0.00	44.98 0.97 0.00	53.64 1.11 0.00	65.13 1.15 0.00	77.75 1.45 0.00	63.22 1.18 0.00	52.36 0.93 0.00	45.65 0.89 0.00	41.79 0.82 0.00
GILBOA___4 23759	45.13 0.88 0.00	42.01 0.78 0.00	39.48 0.70 0.00	39.25 0.69 0.00	39.56 0.70 0.00	45.93 0.85 0.00	59.28 1.05 0.00	81.97 1.45 0.00	65.63 1.03 0.00	51.33 1.01 0.00	47.77 0.89 0.00	42.70 0.84 0.00	40.81 0.80 0.00	39.15 0.77 0.00	38.39 0.75 0.00	39.66 0.82 0.00	44.98 0.97 0.00	53.64 1.11 0.00	65.13 1.15 0.00	77.75 1.45 0.00	63.22 1.18 0.00	52.36 0.93 0.00	45.65 0.89 0.00	41.79 0.82 0.00
GILBOA___ 23599	45.04 0.80 0.00	41.98 0.74 0.00	39.40 0.62 0.00	39.17 0.62 0.00	39.48 0.62 0.00	45.84 0.77 0.00	59.22 0.99 0.00	81.97 1.45 0.00	65.63 1.03 0.00	51.33 1.01 0.00	47.77 0.89 0.00	42.70 0.84 0.00	40.81 0.80 0.00	39.15 0.77 0.00	38.40 0.75 0.00	39.66 0.82 0.00	44.98 0.97 0.00	53.64 1.10 0.00	65.12 1.15 0.00	77.75 1.45 0.00	63.23 1.18 0.00	52.41 0.98 0.00	45.65 0.90 0.00	41.79 0.82 0.00
GINNA___ 23603	40.79 -3.45 0.00	38.06 -3.17 0.00	35.83 -2.95 0.00	35.70 -2.85 0.00	36.06 -2.80 0.00	41.78 -3.29 0.00	54.16 -4.08 0.00	73.43 -7.09 0.00	59.04 -5.56 0.00	45.64 -4.68 0.00	42.76 -4.13 0.00	38.01 -3.85 0.00	36.53 -3.48 0.00	35.00 -3.38 0.00	34.22 -3.43 0.00	35.39 -3.46 0.00	39.87 -4.14 0.00	47.70 -4.83 0.00	58.41 -5.57 0.00	69.36 -6.94 0.00	56.90 -5.15 0.00	47.22 -4.22 0.00	41.04 -3.71 0.00	37.61 -3.36 0.00
GLEN PARK___ 23778	44.47 0.22 0.00	41.40 0.17 0.00	39.06 0.27 0.00	38.75 0.19 0.00	38.93 0.08 0.00	45.34 0.27 0.00	59.05 0.81 0.00	82.13 1.61 0.00	65.50 0.90 0.00	50.62 0.30 0.00	46.98 0.09 0.00	41.82 -0.04 0.00	39.97 -0.04 0.00	38.23 -0.15 0.00	37.46 -0.19 0.00	38.65 -0.19 0.00	43.66 -0.35 0.00	52.59 0.05 0.00	64.80 0.83 0.00	77.75 1.45 0.00	63.35 1.31 0.00	52.41 0.97 0.00	45.11 0.36 0.00	41.14 0.16 0.00
GLENDALE_27_KV_LOAD 356172	46.23 1.99 0.00	42.88 1.65 0.00	40.22 1.43 0.00	39.94 1.39 0.00	40.33 1.48 0.00	46.79 1.71 0.00	60.51 2.27 0.00	84.71 4.19 0.00	67.76 3.17 0.00	55.73 2.67 -2.74	53.85 2.58 -4.38	51.73 2.39 -7.48	47.42 2.32 -5.09	45.27 2.19 -4.71	45.21 2.18 -5.39	46.75 2.29 -5.61	46.83 2.82 0.00	55.79 3.26 0.00	67.55 3.58 0.00	80.73 4.43 0.00	65.21 3.16 0.00	54.11 2.67 0.00	47.26 2.51 0.00	43.23 2.25 0.00
GLENWOOD_IC_1_G5 23712	46.41 2.17 0.00	42.96 1.73 0.00	40.26 1.47 0.00	40.02 1.47 0.00	40.29 1.44 0.00	46.97 1.89 0.00	60.45 2.21 0.00	84.63 4.11 0.00	67.63 3.04 0.00	55.74 2.67 -2.76	53.72 2.44 -4.40	51.76 2.39 -7.51	47.40 2.28 -5.11	45.22 2.11 -4.73	45.27 2.22 -5.41	46.89 2.41 -5.64	47.18 3.17 0.00	55.95 3.41 0.00	67.94 3.97 0.00	81.18 4.88 0.00	65.52 3.47 0.00	54.37 2.93 0.00	47.66 2.91 0.00	43.43 2.46 0.00
GLENWOOD_IC_2_G1 23688	46.41 2.17 0.00	43.00 1.77 0.00	40.26 1.47 0.00	40.02 1.46 0.00	40.37 1.51 0.00	46.97 1.89 0.00	60.39 2.16 0.00	84.30 3.79 0.00	67.50 2.91 0.00	55.64 2.56 -2.76	53.58 2.30 -4.40	51.67 2.30 -7.51	47.36 2.24 -5.11	45.10 1.99 -4.73	45.20 2.14 -5.41	46.78 2.29 -5.64	47.05 3.03 0.00	55.79 3.26 0.00	67.81 3.84 0.00	81.03 4.73 0.00	65.34 3.29 0.00	54.21 2.78 0.00	47.62 2.87 0.00	43.31 2.33 0.00
GLENWOOD_IC_3_G1 23689	46.41 2.17 0.00	43.00 1.77 0.00	40.26 1.47 0.00	40.02 1.46 0.00	40.37 1.51 0.00	46.97 1.89 0.00	60.39 2.16 0.00	84.30 3.79 0.00	67.50 2.91 0.00	55.64 2.56 -2.76	53.58 2.30 -4.40	51.67 2.30 -7.51	47.36 2.24 -5.11	45.10 1.99 -4.73	45.20 2.14 -5.41	46.78 2.29 -5.64	47.05 3.03 0.00	55.79 3.26 0.00	67.81 3.84 0.00	81.03 4.73 0.00	65.34 3.29 0.00	54.21 2.78 0.00	47.62 2.87 0.00	43.31 2.33 0.00
GLENWOOD___4 23550	46.41 2.17 0.00	42.96 1.73 0.00	40.26 1.47 0.00	40.02 1.47 0.00	40.29 1.44 0.00	46.97 1.89 0.00	60.45 2.21 0.00	84.63 4.11 0.00	67.63 3.04 0.00	55.74 2.67 -2.76	53.72 2.44 -4.40	51.76 2.39 -7.51	47.40 2.28 -5.11	45.22 2.11 -4.73	45.27 2.22 -5.41	46.89 2.41 -5.64	47.18 3.17 0.00	55.95 3.41 0.00	67.94 3.97 0.00	81.18 4.88 0.00	65.52 3.47 0.00	54.37 2.93 0.00	47.66 2.91 0.00	43.43 2.46 0.00
GLENWOOD___5 23614	46.41 2.17 0.00	42.96 1.73 0.00	40.26 1.47 0.00	40.02 1.47 0.00	40.29 1.44 0.00	46.97 1.89 0.00	60.45 2.21 0.00	84.63 4.11 0.00	67.63 3.04 0.00	55.74 2.67 -2.76	53.72 2.44 -4.40	51.76 2.39 -7.51	47.40 2.28 -5.11	45.22 2.11 -4.73	45.27 2.22 -5.41	46.89 2.41 -5.64	47.18 3.17 0.00	55.95 3.41 0.00	67.94 3.97 0.00	81.18 4.88 0.00	65.52 3.47 0.00	54.37 2.93 0.00	47.66 2.91 0.00	43.43 2.46 0.00
GLOBAL GREEN_PORT_GT1 23814	46.67 2.43 0.00	43.46 2.23 0.00	40.26 1.47 0.00	40.06 1.50 0.00	40.56 1.71 0.00	46.33 1.26 0.00	59.69 1.46 0.00	83.41 2.89 0.00	66.72 2.13 0.00	54.69 1.61 -2.76	52.22 0.94 -4.40	50.54 1.17 -7.51	46.44 1.32 -5.11	44.10 1.00 -4.73	44.33 1.28 -5.41	46.00 1.51 -5.64	46.65 2.64 0.00	55.42 2.89 0.00	67.62 3.64 0.00	81.03 4.73 0.00	64.78 2.73 0.00	53.69 2.26 0.00	47.39 2.64 0.00	43.31 2.33 0.00
GLOBE___DSASP 323697	40.44 -3.80 0.00	38.10 -3.13 0.00	35.95 -2.83 0.00	35.90 -2.66 0.00	36.21 -2.64 0.00	41.96 -3.11 0.00	53.93 -4.31 0.00	72.31 -8.21 0.00	58.26 -6.33 0.00	45.09 -5.23 0.00	42.57 -4.31 0.00	38.01 -3.85 0.00	35.97 -4.04 0.00	34.46 -3.91 0.00	33.77 -3.88 0.00	34.85 -4.00 0.00	39.17 -4.84 0.00	46.34 -6.20 0.00	56.55 -7.42 0.00	66.23 -10.07 0.00	55.22 -6.83 0.00	46.03 -5.40 0.00	40.50 -4.25 0.00	37.53 -3.44 0.00
GOETHSLN___LBMP 323567	45.61 1.37 0.00	42.35 1.11 0.00	39.67 0.89 0.00	39.44 0.89 0.00	39.83 0.97 0.00	46.24 1.17 0.00	59.87 1.63 0.00	83.74 3.22 0.00	66.99 2.39 0.00	55.08 2.01 -2.75	53.19 1.92 -4.39	51.19 1.84 -7.49	46.86 1.76 -5.09	44.74 1.65 -4.71	44.69 1.66 -5.39	46.25 1.79 -5.62	46.21 2.20 0.00	55.11 2.57 0.00	66.79 2.81 0.00	74.35 3.59 5.53	64.53 2.48 0.00	53.54 2.11 0.00	46.77 2.01 0.00	42.65 1.68 0.00
GOLAH___69_KV_TB 1_2 80279	42.56 -1.68 0.00	39.95 -1.28 0.00	37.66 -1.12 0.00	37.51 -1.04 0.00	37.92 -0.93 0.00	44.04 -1.04 0.00	56.90 -1.34 0.00	77.38 -3.14 0.00	62.14 -2.45 0.00	47.91 -2.42 0.00	44.91 -1.97 0.00	39.98 -1.88 0.00	37.85 -2.16 0.00	36.27 -2.11 0.00	35.50 -2.15 0.00	36.67 -2.18 0.00	41.33 -2.68 0.00	49.33 -3.20 0.00	60.52 -3.45 0.00	71.72 -4.58 0.00	59.19 -2.85 0.00	49.17 -2.26 0.00	42.92 -1.83 0.00	39.41 -1.56 0.00

GOODYEAR_LAKE_HYD 323669	45.39 1.15 0.00	42.26 1.03 0.00	39.75 0.97 0.00	39.52 0.96 0.00	39.79 0.93 0.00	46.33 1.26 0.00	60.21 1.98 0.00	83.58 3.06 0.00	66.79 2.20 0.00	51.83 1.51 0.00	48.29 1.41 0.00	43.08 1.21 0.00	41.01 1.00 0.00	39.34 0.96 0.00	38.58 0.94 0.00	39.82 0.97 0.00	45.11 1.10 0.00	53.95 1.42 0.00	65.96 1.98 0.00	78.82 2.52 0.00	64.10 2.05 0.00	53.08 1.65 0.00	46.10 1.34 0.00	42.16 1.19 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	43.84 -0.40 0.00	40.90 -0.33 0.00	38.55 -0.23 0.00	38.40 -0.15 0.00	38.74 -0.12 0.00	44.94 -0.14 0.00	58.35 0.12 0.00	80.20 -0.32 0.00	64.21 -0.39 0.00	49.82 -0.50 0.00	46.46 -0.42 0.00	41.40 -0.46 0.00	39.45 -0.56 0.00	37.80 -0.58 0.00	37.08 -0.56 0.00	38.26 -0.58 0.00	43.22 -0.79 0.00	51.59 -0.95 0.00	63.01 -0.96 0.00	75.16 -1.14 0.00	61.49 -0.56 0.00	50.92 -0.51 0.00	44.31 -0.45 0.00	40.69 -0.29 0.00
GOUDEY___7 23579	43.84 -0.40 0.00	40.90 -0.33 0.00	38.55 -0.23 0.00	38.40 -0.15 0.00	38.74 -0.12 0.00	44.94 -0.14 0.00	58.35 0.12 0.00	80.20 -0.32 0.00	64.21 -0.39 0.00	49.82 -0.50 0.00	46.46 -0.42 0.00	41.40 -0.46 0.00	39.45 -0.56 0.00	37.80 -0.58 0.00	37.08 -0.56 0.00	38.26 -0.58 0.00	43.22 -0.79 0.00	51.59 -0.95 0.00	63.01 -0.96 0.00	75.16 -1.14 0.00	61.49 -0.56 0.00	50.92 -0.51 0.00	44.31 -0.45 0.00	40.69 -0.29 0.00
GOUDEY___8 23580	43.84 -0.40 0.00	40.90 -0.33 0.00	38.55 -0.23 0.00	38.40 -0.15 0.00	38.74 -0.12 0.00	44.94 -0.14 0.00	58.35 0.12 0.00	80.20 -0.32 0.00	64.21 -0.39 0.00	49.82 -0.50 0.00	46.46 -0.42 0.00	41.40 -0.46 0.00	39.45 -0.56 0.00	37.80 -0.58 0.00	37.08 -0.56 0.00	38.26 -0.58 0.00	43.22 -0.79 0.00	51.59 -0.95 0.00	63.01 -0.96 0.00	75.16 -1.14 0.00	61.49 -0.56 0.00	50.92 -0.51 0.00	44.31 -0.45 0.00	40.69 -0.29 0.00
GOWANUS_GT1_1 24077	56.19 2.17 -9.78	55.47 1.86 -12.38	40.37 1.59 0.00	40.14 1.58 0.00	40.53 1.67 0.00	55.39 1.89 -8.42	60.56 2.33 0.00	84.87 4.35 0.00	67.76 3.17 0.00	57.14 2.82 -4.01	57.87 2.72 -8.27	57.09 2.55 -12.68	57.08 2.48 -14.59	57.04 2.30 -16.35	56.99 2.30 -17.06	57.00 2.41 -15.74	57.81 2.95 -10.85	61.30 3.41 -5.35	67.55 3.58 0.00	80.80 4.50 0.00	65.28 3.23 0.00	60.32 2.83 -6.06	57.68 2.69 -10.24	56.19 2.42 -12.80
GOWANUS_GT1_2 24078	56.19 2.17 -9.78	55.47 1.86 -12.38	40.37 1.59 0.00	40.14 1.58 0.00	40.53 1.67 0.00	55.39 1.89 -8.42	60.56 2.33 0.00	84.87 4.35 0.00	67.76 3.17 0.00	57.14 2.82 -4.01	57.87 2.72 -8.27	57.09 2.55 -12.68	57.08 2.48 -14.59	57.04 2.30 -16.35	56.99 2.30 -17.06	57.00 2.41 -15.74	57.81 2.95 -10.85	61.30 3.41 -5.35	67.55 3.58 0.00	80.80 4.50 0.00	65.28 3.23 0.00	60.32 2.83 -6.06	57.68 2.69 -10.24	56.19 2.42 -12.80
GOWANUS_GT1_3 24079	56.19 2.17 -9.78	55.47 1.86 -12.38	40.37 1.59 0.00	40.14 1.58 0.00	40.53 1.67 0.00	55.39 1.89 -8.42	60.56 2.33 0.00	84.87 4.35 0.00	67.76 3.17 0.00	57.14 2.82 -4.01	57.87 2.72 -8.27	57.09 2.55 -12.68	57.08 2.48 -14.59	57.04 2.30 -16.35	56.99 2.30 -17.06	57.00 2.41 -15.74	57.81 2.95 -10.85	61.30 3.41 -5.35	67.55 3.58 0.00	80.80 4.50 0.00	65.28 3.23 0.00	60.32 2.83 -6.06	57.68 2.69 -10.24	56.19 2.42 -12.80
GOWANUS_GT1_4 24080	56.19 2.17 -9.78	55.47 1.86 -12.38	40.37 1.59 0.00	40.14 1.58 0.00	40.53 1.67 0.00	55.39 1.89 -8.42	60.56 2.33 0.00	84.87 4.35 0.00	67.76 3.17 0.00	57.14 2.82 -4.01	57.87 2.72 -8.27	57.09 2.55 -12.68	57.08 2.48 -14.59	57.04 2.30 -16.35	56.99 2.30 -17.06	57.00 2.41 -15.74	57.81 2.95 -10.85	61.30 3.41 -5.35	67.55 3.58 0.00	80.80 4.50 0.00	65.28 3.23 0.00	60.32 2.83 -6.06	57.68 2.69 -10.24	56.19 2.42 -12.80
GOWANUS_GT1_5 24084	56.19 2.17 -9.78	55.47 1.86 -12.38	40.37 1.59 0.00	40.14 1.58 0.00	40.53 1.67 0.00	55.39 1.89 -8.42	60.56 2.33 0.00	84.87 4.35 0.00	67.76 3.17 0.00	57.14 2.82 -4.01	57.87 2.72 -8.27	57.09 2.55 -12.68	57.08 2.48 -14.59	57.04 2.30 -16.35	56.99 2.30 -17.06	57.00 2.41 -15.74	57.81 2.95 -10.85	61.30 3.41 -5.35	67.55 3.58 0.00	80.80 4.50 0.00	65.28 3.23 0.00	60.32 2.83 -6.06	57.68 2.69 -10.24	56.19 2.42 -12.80
GOWANUS_GT1_6 24111	56.19 2.17 -9.78	55.47 1.86 -12.38	40.37 1.59 0.00	40.14 1.58 0.00	40.53 1.67 0.00	55.39 1.89 -8.42	60.56 2.33 0.00	84.87 4.35 0.00	67.76 3.17 0.00	57.14 2.82 -4.01	57.87 2.72 -8.27	57.09 2.55 -12.68	57.08 2.48 -14.59	57.04 2.30 -16.35	56.99 2.30 -17.06	57.00 2.41 -15.74	57.81 2.95 -10.85	61.30 3.41 -5.35	67.55 3.58 0.00	80.80 4.50 0.00	65.28 3.23 0.00	60.32 2.83 -6.06	57.68 2.69 -10.24	56.19 2.42 -12.80
GOWANUS_GT1_7 24112	56.19 2.17 -9.78	55.47 1.86 -12.38	40.37 1.59 0.00	40.14 1.58 0.00	40.53 1.67 0.00	55.39 1.89 -8.42	60.56 2.33 0.00	84.87 4.35 0.00	67.76 3.17 0.00	57.14 2.82 -4.01	57.87 2.72 -8.27	57.09 2.55 -12.68	57.08 2.48 -14.59	57.04 2.30 -16.35	56.99 2.30 -17.06	57.00 2.41 -15.74	57.81 2.95 -10.85	61.30 3.41 -5.35	67.55 3.58 0.00	80.80 4.50 0.00	65.28 3.23 0.00	60.32 2.83 -6.06	57.68 2.69 -10.24	56.19 2.42 -12.80
GOWANUS_GT1_8 24113	56.19 2.17 -9.78	55.47 1.86 -12.38	40.37 1.59 0.00	40.14 1.58 0.00	40.53 1.67 0.00	55.39 1.89 -8.42	60.56 2.33 0.00	84.87 4.35 0.00	67.76 3.17 0.00	57.14 2.82 -4.01	57.87 2.72 -8.27	57.09 2.55 -12.68	57.08 2.48 -14.59	57.04 2.30 -16.35	56.99 2.30 -17.06	57.00 2.41 -15.74	57.81 2.95 -10.85	61.30 3.41 -5.35	67.55 3.58 0.00	80.80 4.50 0.00	65.28 3.23 0.00	60.32 2.83 -6.06	57.68 2.69 -10.24	56.19 2.42 -12.80
GOWANUS_GT2_1 24114	56.33 2.30 -9.79	55.56 1.94 -12.39	40.54 1.75 -0.01	40.30 1.74 -0.01	40.61 1.75 -0.01	55.58 2.07 -8.43	60.79 2.56 0.00	84.78 4.26 0.00	67.76 3.16 0.00	57.15 2.82 -4.01	57.88 2.72 -8.28	57.06 2.51 -12.69	57.09 2.48 -14.60	57.04 2.30 -16.36	57.04 2.33 -17.06	57.05 2.45 -15.75	57.86 2.99 -10.86	61.29 3.41 -5.35	67.55 3.58 0.00	80.80 4.50 0.00	65.27 3.22 0.00	60.38 2.88 -6.06	57.74 2.73 -10.25	56.19 2.42 -12.81
GOWANUS_GT2_2 24115	56.33 2.30 -9.79	55.56 1.94 -12.39	40.54 1.75 -0.01	40.30 1.74 -0.01	40.61 1.75 -0.01	55.58 2.07 -8.43	60.79 2.56 0.00	84.78 4.26 0.00	67.76 3.16 0.00	57.15 2.82 -4.01	57.88 2.72 -8.28	57.06 2.51 -12.69	57.09 2.48 -14.60	57.04 2.30 -16.36	57.04 2.33 -17.06	57.05 2.45 -15.75	57.86 2.99 -10.86	61.29 3.41 -5.35	67.55 3.58 0.00	80.80 4.50 0.00	65.27 3.22 0.00	60.38 2.88 -6.06	57.74 2.73 -10.25	56.19 2.42 -12.81
GOWANUS_GT2_3 24116	56.33 2.30 -9.79	55.56 1.94 -12.39	40.54 1.75 -0.01	40.30 1.74 -0.01	40.61 1.75 -0.01	55.58 2.07 -8.43	60.79 2.56 0.00	84.78 4.26 0.00	67.76 3.16 0.00	57.15 2.82 -4.01	57.88 2.72 -8.28	57.06 2.51 -12.69	57.09 2.48 -14.60	57.04 2.30 -16.36	57.04 2.33 -17.06	57.05 2.45 -15.75	57.86 2.99 -10.86	61.29 3.41 -5.35	67.55 3.58 0.00	80.80 4.50 0.00	65.27 3.22 0.00	60.38 2.88 -6.06	57.74 2.73 -10.25	56.19 2.42 -12.81

GOWANUS_GT2_4 24117	56.33 2.30 -9.79	55.56 1.94 -12.39	40.54 1.75 -0.01	40.30 1.74 -0.01	40.61 1.75 -0.01	55.58 2.07 -8.43	60.79 2.56 0.00	84.78 4.26 0.00	67.76 3.16 0.00	57.15 2.82 -4.01	57.88 2.72 -8.28	57.06 2.51 -12.69	57.09 2.48 -14.60	57.04 2.30 -16.36	57.04 2.33 -17.06	57.05 2.45 -15.75	57.86 2.99 -10.86	61.29 3.41 -5.35	67.55 3.58 0.00	80.80 4.50 0.00	65.27 3.22 0.00	60.38 2.88 -6.06	57.74 2.73 -10.25	56.19 2.42 -12.81
GOWANUS_GT2_5 24118	56.33 2.30 -9.79	55.56 1.94 -12.39	40.54 1.75 -0.01	40.30 1.74 -0.01	40.61 1.75 -0.01	55.58 2.07 -8.43	60.79 2.56 0.00	84.78 4.26 0.00	67.76 3.16 0.00	57.15 2.82 -4.01	57.88 2.72 -8.28	57.06 2.51 -12.69	57.09 2.48 -14.60	57.04 2.30 -16.36	57.04 2.33 -17.06	57.05 2.45 -15.75	57.86 2.99 -10.86	61.29 3.41 -5.35	67.55 3.58 0.00	80.80 4.50 0.00	65.27 3.22 0.00	60.38 2.88 -6.06	57.74 2.73 -10.25	56.19 2.42 -12.81
GOWANUS_GT2_6 24119	56.33 2.30 -9.79	55.56 1.94 -12.39	40.54 1.75 -0.01	40.30 1.74 -0.01	40.61 1.75 -0.01	55.58 2.07 -8.43	60.79 2.56 0.00	84.78 4.26 0.00	67.76 3.16 0.00	57.15 2.82 -4.01	57.88 2.72 -8.28	57.06 2.51 -12.69	57.09 2.48 -14.60	57.04 2.30 -16.36	57.04 2.33 -17.06	57.05 2.45 -15.75	57.86 2.99 -10.86	61.29 3.41 -5.35	67.55 3.58 0.00	80.80 4.50 0.00	65.27 3.22 0.00	60.38 2.88 -6.06	57.74 2.73 -10.25	56.19 2.42 -12.81
GOWANUS_GT2_7 24120	56.33 2.30 -9.79	55.56 1.94 -12.39	40.54 1.75 -0.01	40.30 1.74 -0.01	40.61 1.75 -0.01	55.58 2.07 -8.43	60.79 2.56 0.00	84.78 4.26 0.00	67.76 3.16 0.00	57.15 2.82 -4.01	57.88 2.72 -8.28	57.06 2.51 -12.69	57.09 2.48 -14.60	57.04 2.30 -16.36	57.04 2.33 -17.06	57.05 2.45 -15.75	57.86 2.99 -10.86	61.29 3.41 -5.35	67.55 3.58 0.00	80.80 4.50 0.00	65.27 3.22 0.00	60.38 2.88 -6.06	57.74 2.73 -10.25	56.19 2.42 -12.81
GOWANUS_GT2_8 24121	56.33 2.30 -9.79	55.56 1.94 -12.39	40.54 1.75 -0.01	40.30 1.74 -0.01	40.61 1.75 -0.01	55.58 2.07 -8.43	60.79 2.56 0.00	84.78 4.26 0.00	67.76 3.16 0.00	57.15 2.82 -4.01	57.88 2.72 -8.28	57.06 2.51 -12.69	57.09 2.48 -14.60	57.04 2.30 -16.36	57.04 2.33 -17.06	57.05 2.45 -15.75	57.86 2.99 -10.86	61.29 3.41 -5.35	67.55 3.58 0.00	80.80 4.50 0.00	65.27 3.22 0.00	60.38 2.88 -6.06	57.74 2.73 -10.25	56.19 2.42 -12.81
GOWANUS_GT3_1 24122	56.33 2.30 -9.79	55.56 1.94 -12.39	40.54 1.75 -0.01	40.30 1.74 -0.01	40.61 1.75 -0.01	55.58 2.07 -8.43	60.79 2.56 0.00	84.78 4.26 0.00	67.76 3.16 0.00	57.15 2.82 -4.01	57.88 2.72 -8.28	57.06 2.51 -12.69	57.09 2.48 -14.60	57.04 2.30 -16.36	57.04 2.33 -17.06	57.05 2.45 -15.75	57.86 2.99 -10.86	61.29 3.41 -5.35	67.55 3.58 0.00	80.80 4.50 0.00	65.27 3.22 0.00	60.38 2.88 -6.06	57.74 2.73 -10.25	56.19 2.42 -12.81
GOWANUS_GT3_2 24123	56.33 2.30 -9.79	55.56 1.94 -12.39	40.54 1.75 -0.01	40.30 1.74 -0.01	40.61 1.75 -0.01	55.58 2.07 -8.43	60.79 2.56 0.00	84.78 4.26 0.00	67.76 3.16 0.00	57.15 2.82 -4.01	57.88 2.72 -8.28	57.06 2.51 -12.69	57.09 2.48 -14.60	57.04 2.30 -16.36	57.04 2.33 -17.06	57.05 2.45 -15.75	57.86 2.99 -10.86	61.29 3.41 -5.35	67.55 3.58 0.00	80.80 4.50 0.00	65.27 3.22 0.00	60.38 2.88 -6.06	57.74 2.73 -10.25	56.19 2.42 -12.81
GOWANUS_GT3_3 24124	56.33 2.30 -9.79	55																						

GOWANUS_GT4_3 24132	56.19 2.17 -9.78	55.47 1.86 -12.38	40.37 1.59 0.00	40.14 1.58 0.00	40.53 1.67 0.00	55.39 1.89 -8.42	60.56 2.33 0.00	84.87 4.35 0.00	67.76 3.17 0.00	57.14 2.82 -4.01	57.87 2.72 -8.27	57.09 2.55 -12.68	57.08 2.48 -14.59	57.04 2.30 -16.35	56.99 2.30 -17.06	57.00 2.41 -15.74	57.81 2.95 -10.85	61.30 3.41 -5.35	67.55 3.58 0.00	80.80 4.50 0.00	65.28 3.23 0.00	60.32 2.83 -6.06	57.68 2.69 -10.24	56.19 2.42 -12.80
GOWANUS_GT4_4 24133	56.19 2.17 -9.78	55.47 1.86 -12.38	40.37 1.59 0.00	40.14 1.58 0.00	40.53 1.67 0.00	55.39 1.89 -8.42	60.56 2.33 0.00	84.87 4.35 0.00	67.76 3.17 0.00	57.14 2.82 -4.01	57.87 2.72 -8.27	57.09 2.55 -12.68	57.08 2.48 -14.59	57.04 2.30 -16.35	56.99 2.30 -17.06	57.00 2.41 -15.74	57.81 2.95 -10.85	61.30 3.41 -5.35	67.55 3.58 0.00	80.80 4.50 0.00	65.28 3.23 0.00	60.32 2.83 -6.06	57.68 2.69 -10.24	56.19 2.42 -12.80
GOWANUS_GT4_5 24134	56.19 2.17 -9.78	55.47 1.86 -12.38	40.37 1.59 0.00	40.14 1.58 0.00	40.53 1.67 0.00	55.39 1.89 -8.42	60.56 2.33 0.00	84.87 4.35 0.00	67.76 3.17 0.00	57.14 2.82 -4.01	57.87 2.72 -8.27	57.09 2.55 -12.68	57.08 2.48 -14.59	57.04 2.30 -16.35	56.99 2.30 -17.06	57.00 2.41 -15.74	57.81 2.95 -10.85	61.30 3.41 -5.35	67.55 3.58 0.00	80.80 4.50 0.00	65.28 3.23 0.00	60.32 2.83 -6.06	57.68 2.69 -10.24	56.19 2.42 -12.80
GOWANUS_GT4_6 24135	56.19 2.17 -9.78	55.47 1.86 -12.38	40.37 1.59 0.00	40.14 1.58 0.00	40.53 1.67 0.00	55.39 1.89 -8.42	60.56 2.33 0.00	84.87 4.35 0.00	67.76 3.17 0.00	57.14 2.82 -4.01	57.87 2.72 -8.27	57.09 2.55 -12.68	57.08 2.48 -14.59	57.04 2.30 -16.35	56.99 2.30 -17.06	57.00 2.41 -15.74	57.81 2.95 -10.85	61.30 3.41 -5.35	67.55 3.58 0.00	80.80 4.50 0.00	65.28 3.23 0.00	60.32 2.83 -6.06	57.68 2.69 -10.24	56.19 2.42 -12.80
GOWANUS_GT4_7 24136	56.19 2.17 -9.78	55.47 1.86 -12.38	40.37 1.59 0.00	40.14 1.58 0.00	40.53 1.67 0.00	55.39 1.89 -8.42	60.56 2.33 0.00	84.87 4.35 0.00	67.76 3.17 0.00	57.14 2.82 -4.01	57.87 2.72 -8.27	57.09 2.55 -12.68	57.08 2.48 -14.59	57.04 2.30 -16.35	56.99 2.30 -17.06	57.00 2.41 -15.74	57.81 2.95 -10.85	61.30 3.41 -5.35	67.55 3.58 0.00	80.80 4.50 0.00	65.28 3.23 0.00	60.32 2.83 -6.06	57.68 2.69 -10.24	56.19 2.42 -12.80
GOWANUS_GT4_8 24137	56.19 2.17 -9.78	55.47 1.86 -12.38	40.37 1.59 0.00	40.14 1.58 0.00	40.53 1.67 0.00	55.39 1.89 -8.42	60.56 2.33 0.00	84.87 4.35 0.00	67.76 3.17 0.00	57.14 2.82 -4.01	57.87 2.72 -8.27	57.09 2.55 -12.68	57.08 2.48 -14.59	57.04 2.30 -16.35	56.99 2.30 -17.06	57.00 2.41 -15.74	57.81 2.95 -10.85	61.30 3.41 -5.35	67.55 3.58 0.00	80.80 4.50 0.00	65.28 3.23 0.00	60.32 2.83 -6.06	57.68 2.69 -10.24	56.19 2.42 -12.80
GREENBSH_115KV_TB3 55895	45.70 1.46 0.00	42.59 1.36 0.00	39.98 1.20 0.00	39.71 1.16 0.00	40.02 1.17 0.00	46.47 1.40 0.00	59.98 1.75 0.00	83.10 2.58 0.00	66.60 2.00 0.00	52.80 1.71 -0.77	49.66 1.55 -1.23	45.35 1.38 -2.10	42.80 1.36 -1.43	41.01 1.30 -1.32	40.44 1.28 -1.52	41.79 1.36 -1.58	45.55 1.54 0.00	54.37 1.84 0.00	66.08 2.11 0.00	78.90 2.59 0.00	63.91 1.86 0.00	53.03 1.59 0.00	46.23 1.48 0.00	42.36 1.39 0.00
GREENIDGE_115KV_TB5 80291	43.54 -0.71 0.00	40.66 -0.58 0.00	38.39 -0.39 0.00	38.25 -0.31 0.00	38.66 -0.19 0.00	44.94 -0.14 0.00	58.12 -0.12 0.00	79.31 -1.21 0.00	63.63 -0.97 0.00	49.41 -0.91 0.00	45.99 -0.89 0.00	40.86 -1.00 0.00	38.85 -1.16 0.00	37.23 -1.15 0.00	36.48 -1.17 0.00	37.68 -1.17 0.00	42.47 -1.54 0.00	50.91 -1.63 0.00	62.12 -1.86 0.00	73.86 -2.44 0.00	60.81 -1.24 0.00	50.71 -0.72 0.00	43.95 -0.81 0.00	40.36 -0.61 0.00
GREENIDGE___3 23582	43.54 -0.71 0.00	40.66 -0.58 0.00	38.39 -0.39 0.00	38.25 -0.31 0.00	38.66 -0.19 0.00	44.94 -0.14 0.00	58.12 -0.12 0.00	79.31 -1.21 0.00	63.63 -0.97 0.00	49.41 -0.91 0.00	45.99 -0.89 0.00	40.86 -1.00 0.00	38.85 -1.16 0.00	37.23 -1.15 0.00	36.48 -1.17 0.00	37.68 -1.17 0.00	42.47 -1.54 0.00	50.91 -1.63 0.00	62.12 -1.86 0.00	73.86 -2.44 0.00	60.81 -1.24 0.00	50.71 -0.72 0.00	43.95 -0.81 0.00	40.36 -0.61 0.00
GREENIDGE___4 23583	43.67 -0.58 0.00	40.70 -0.54 0.00	38.36 -0.43 0.00	38.21 -0.35 0.00	38.62 -0.23 0.00	44.85 -0.22 0.00	58.12 -0.12 0.00	79.39 -1.13 0.00	63.63 -0.97 0.00	49.42 -0.90 0.00	45.99 -0.89 0.00	40.86 -1.01 0.00	38.85 -1.16 0.00	37.23 -1.15 0.00	36.48 -1.17 0.00	37.68 -1.16 0.00	42.47 -1.54 0.00	50.91 -1.63 0.00	62.12 -1.86 0.00	73.86 -2.44 0.00	60.81 -1.24 0.00	50.71 -0.72 0.00	43.95 -0.80 0.00	40.36 -0.61 0.00
GREENLWN_69_KV_BK 3 55738	46.10 1.86 0.00	42.68 1.44 0.00	39.95 1.16 0.00	39.71 1.16 0.00	39.98 1.13 0.00	46.56 1.49 0.00	59.34 1.11 0.00	83.10 2.58 0.00	66.40 1.81 0.00	55.14 2.06 -2.76	52.97 1.69 -4.40	51.26 1.88 -7.51	47.04 1.92 -5.11	44.83 1.73 -4.73	44.93 1.88 -5.41	46.54 2.06 -5.64	46.87 2.86 0.00	55.11 2.57 0.00	66.92 2.94 0.00	80.04 3.74 0.00	64.47 2.42 0.00	53.59 2.16 0.00	47.35 2.60 0.00	43.10 2.13 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	56.19 2.17 -9.78	55.47 1.86 -12.38	40.37 1.59 0.00	40.14 1.58 0.00	40.53 1.67 0.00	55.39 1.89 -8.42	60.56 2.33 0.00	84.87 4.35 0.00	67.76 3.17 0.00	57.14 2.82 -4.01	57.87 2.72 -8.27	57.09 2.55 -12.68	57.08 2.48 -14.59	57.04 2.30 -16.35	56.99 2.30 -17.06	57.00 2.41 -15.74	57.81 2.95 -10.85	61.30 3.41 -5.35	67.55 3.58 0.00	80.80 4.50 0.00	65.28 3.23 0.00	60.32 2.83 -6.06	57.68 2.69 -10.24	56.19 2.42 -12.80
GRISSOM___SOLAR 323813	46.72 2.48 0.00	43.42 2.18 0.00	40.87 2.09 0.00	40.56 2.00 0.00	40.91 2.06 0.00	47.78 2.70 0.00	61.85 3.61 0.00	85.68 5.16 0.00	68.47 3.88 0.00	53.50 2.62 -0.56	49.89 2.11 -0.90	45.11 1.72 -1.53	42.49 1.44 -1.04	40.84 1.50 -0.97	40.21 1.47 -1.10	41.55 1.56 -1.15	45.90 1.89 0.00	55.21 2.68 0.00	67.75 3.77 0.00	81.19 4.89 0.00	65.90 3.85 0.00	54.62 3.19 0.00	47.44 2.69 0.00	43.26 2.29 0.00
GROVEVILLE___HYD 323602	45.92 1.68 0.00	42.72 1.48 0.00	40.06 1.28 0.00	39.83 1.27 0.00	40.14 1.28 0.00	46.70 1.62 0.00	60.56 2.33 0.00	84.55 4.03 0.00	67.63 3.04 0.00	52.74 2.42 0.00	49.04 2.16 0.00	43.87 2.01 0.00	41.89 1.88 0.00	40.14 1.77 0.00	39.41 1.77 0.00	40.71 1.86 0.00	46.34 2.33 0.00	55.22 2.68 0.00	67.30 3.33 0.00	80.50 4.20 0.00	65.15 3.10 0.00	53.90 2.47 0.00	46.95 2.19 0.00	42.86 1.88 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	43.36 -0.88 0.00	40.41 -0.82 0.00	38.12 -0.66 0.00	37.90 -0.66 0.00	38.23 -0.62 0.00	44.35 -0.72 0.00	57.36 -0.87 0.00	79.15 -1.37 0.00	63.50 -1.10 0.00	49.31 -1.01 0.00	45.95 -0.94 0.00	40.90 -0.96 0.00	39.05 -0.96 0.00	37.42 -0.96 0.00	36.70 -0.94 0.00	37.88 -0.97 0.00	42.78 -1.23 0.00	51.12 -1.42 0.00	62.37 -1.60 0.00	74.47 -1.83 0.00	60.75 -1.30 0.00	50.35 -1.08 0.00	43.72 -1.03 0.00	40.07 -0.90 0.00

HAMLTNNY_34_KV_TB 80303	43.40 -0.84 0.00	40.49 -0.74 0.00	38.16 -0.62 0.00	37.98 -0.58 0.00	38.31 -0.54 0.00	44.44 -0.63 0.00	57.54 -0.70 0.00	79.31 -1.21 0.00	63.63 -0.97 0.00	49.36 -0.96 0.00	45.99 -0.89 0.00	40.90 -0.96 0.00	39.05 -0.96 0.00	37.46 -0.92 0.00	36.70 -0.94 0.00	37.88 -0.97 0.00	42.78 -1.23 0.00	51.12 -1.42 0.00	62.44 -1.54 0.00	74.55 -1.75 0.00	60.87 -1.18 0.00	50.40 -1.03 0.00	43.77 -0.98 0.00	40.11 -0.86 0.00
HAMPSHIRE___PAPER_HYD 323593	44.24 0.00 0.00	41.15 -0.08 0.00	38.78 0.00 0.00	38.52 -0.04 0.00	38.78 -0.08 0.00	45.12 0.05 0.00	58.41 0.18 0.00	81.01 0.49 0.00	65.11 0.51 0.00	50.42 0.10 0.00	46.88 0.00 0.00	41.86 0.00 0.00	40.13 0.12 0.00	38.46 0.08 0.00	37.68 0.04 0.00	38.81 -0.04 0.00	44.01 0.00 0.00	52.75 0.21 0.00	64.61 0.64 0.00	76.91 0.61 0.00	62.67 0.62 0.00	51.84 0.41 0.00	44.80 0.04 0.00	40.89 -0.08 0.00
HARDSCRABBLE_WT_PWR 323673	43.94 -0.31 0.00	40.95 -0.29 0.00	38.55 -0.23 0.00	38.33 -0.23 0.00	38.62 -0.23 0.00	44.89 -0.18 0.00	58.12 -0.12 0.00	80.68 0.16 0.00	64.79 0.19 0.00	50.52 0.20 0.00	47.12 0.24 0.00	42.16 0.30 0.00	40.33 0.32 0.00	38.68 0.31 0.00	37.94 0.30 0.00	39.20 0.35 0.00	44.41 0.40 0.00	52.91 0.37 0.00	64.36 0.39 0.00	76.68 0.38 0.00	62.24 0.19 0.00	51.59 0.15 0.00	44.84 0.09 0.00	41.10 0.12 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	45.48 1.24 0.00	42.26 1.03 0.00	39.67 0.89 0.00	39.44 0.89 0.00	39.79 0.93 0.00	46.24 1.17 0.00	59.98 1.75 0.00	83.42 2.90 0.00	66.66 2.07 0.00	46.98 1.66 5.00	40.44 1.55 8.00	29.64 1.42 13.64	32.09 1.36 9.28	31.06 1.27 8.59	29.10 1.28 9.83	29.97 1.36 10.24	45.86 1.85 0.00	54.64 2.10 0.00	66.53 2.56 0.00	79.58 3.28 0.00	64.41 2.36 0.00	53.34 1.90 0.00	46.50 1.75 0.00	42.41 1.43 0.00
HARSNRAD_115KV_TB1 81005	41.37 -2.88 0.00	38.97 -2.27 0.00	36.77 -2.02 0.00	36.71 -1.85 0.00	37.07 -1.79 0.00	42.95 -2.12 0.00	55.38 -2.85 0.00	74.40 -6.12 0.00	59.82 -4.78 0.00	46.19 -4.13 0.00	43.55 -3.33 0.00	38.89 -2.97 0.00	36.81 -3.20 0.00	35.23 -3.15 0.00	34.52 -3.12 0.00	35.62 -3.22 0.00	40.05 -3.96 0.00	47.49 -5.04 0.00	58.09 -5.89 0.00	68.21 -8.09 0.00	56.77 -5.27 0.00	47.27 -4.17 0.00	41.53 -3.22 0.00	38.43 -2.54 0.00
HARZA MOOSE___RIVER 24016	44.60 0.35 0.00	41.52 0.29 0.00	39.09 0.31 0.00	38.83 0.27 0.00	39.05 0.19 0.00	45.48 0.41 0.00	58.99 0.76 0.00	81.97 1.45 0.00	65.76 1.16 0.00	50.97 0.65 0.00	47.40 0.52 0.00	42.28 0.42 0.00	40.53 0.52 0.00	38.84 0.46 0.00	38.06 0.41 0.00	39.27 0.43 0.00	44.50 0.48 0.00	53.32 0.79 0.00	65.25 1.28 0.00	77.75 1.45 0.00	63.17 1.12 0.00	52.26 0.82 0.00	45.20 0.45 0.00	41.30 0.33 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	43.00 -1.24 0.00	40.12 -1.11 0.00	37.85 -0.93 0.00	37.63 -0.93 0.00	37.96 -0.89 0.00	43.99 -1.08 0.00	56.95 -1.28 0.00	78.51 -2.01 0.00	62.98 -1.61 0.00	48.91 -1.41 0.00	45.62 -1.27 0.00	40.61 -1.26 0.00	38.81 -1.20 0.00	37.19 -1.19 0.00	36.48 -1.17 0.00	37.64 -1.20 0.00	42.51 -1.50 0.00	50.70 -1.84 0.00	61.80 -2.18 0.00	73.71 -2.59 0.00	60.19 -1.86 0.00	49.94 -1.49 0.00	43.41 -1.34 0.00	39.78 -1.19 0.00
HELLGATE_13_KV_LD 55870	46.10 1.86 0.00	42.76 1.53 0.00	40.06 1.28 0.00	39.83 1.27 0.00	40.22 1.36 0.00	46.56 1.49 0.00	60.16 1.92 0.00	84.22 3.70 0.00	67.37 2.78 0.00	55.43 2.37 -2.74	53.56 2.30 -4.38	51.52 2.18 -7.48	47.22 2.12 -5.09	45.08 2.00 -4.71	45.03 2.00 -5.39	46.56 2.10 -5.61	46.61 2.60 0.00	55.53 2.99 0.00	67.17 3.20 0.00	80.27 3.97 0.00	64.84 2.79 0.00	53.85 2.42 0.00	47.08 2.33 0.00	43.06 2.09 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	46.10 1.86 0.00	42.76 1.53 0.00	40.06 1.28 0.00	39.83 1.27 0.00	40.22 1.36 0.00	46.56 1.49 0.00	60.16 1.92 0.00	84.22 3.70 0.00	67.37 2.78 0.00	55.43 2.37 -2.74	53.56 2.30 -4.38	51.52 2.18 -7.48	47.22 2.12 -5.09	45.08 2.00 -4.71	45.03 2.00 -5.39	46.56 2.10 -5.61	46.61 2.60 0.00	55.53 2.99 0.00	67.17 3.20 0.00	80.27 3.97 0.00	64.84 2.79 0.00	53.85 2.42 0.00	47.08 2.33 0.00	43.06 2.09 0.00
HEMPSTEAD____ 23647	46.28 2.04 0.00	42.88 1.65 0.00	40.10 1.32 0.00	39.87 1.31 0.00	40.21 1.36 0.00	46.78 1.71 0.00	60.10 1.86 0.00	83.98 3.46 0.00	67.24 2.65 0.00	55.39 2.32 -2.76	53.40 2.11 -4.40	51.51 2.13 -7.51	47.20 2.08 -5.11	44.95 1.84 -4.73	45.05 1.99 -5.41	46.66 2.17 -5.64	46.92 2.90 0.00	55.63 3.10 0.00	67.55 3.58 0.00	80.80 4.50 0.00	65.15 3.10 0.00	54.06 2.62 0.00	47.53 2.78 0.00	43.18 2.21 0.00
HEWLETT_69_KV_BK3 55828	46.54 2.30 0.00	43.09 1.86 0.00	40.37 1.59 0.00	40.14 1.58 0.00	40.41 1.55 0.00	47.10 2.03 0.00	60.62 2.39 0.00	84.79 4.27 0.00	67.83 3.23 0.00	55.89 2.82 -2.76	53.82 2.53 -4.40	51.84 2.47 -7.51	47.52 2.40 -5.11	45.29 2.19 -4.73	45.35 2.30 -5.41	46.97 2.49 -5.64	47.27 3.26 0.00	56.06 3.52 0.00	68.07 4.09 0.00	81.41 5.11 0.00	65.71 3.66 0.00	54.52 3.09 0.00	47.84 3.09 0.00	43.55 2.58 0.00
HICKLING___1 23621	43.49 -0.75 0.00	40.66 -0.58 0.00	38.36 -0.43 0.00	38.25 -0.31 0.00	38.66 -0.19 0.00	44.94 -0.14 0.00	58.58 0.35 0.00	79.96 -0.56 0.00	63.88 -0.71 0.00	49.31 -1.01 0.00	45.99 -0.89 0.00	40.90 -0.96 0.00	38.93 -1.08 0.00	37.27 -1.11 0.00	36.51 -1.13 0.00	37.72 -1.13 0.00	42.38 -1.63 0.00	50.64 -1.89 0.00	62.18 -1.79 0.00	74.09 -2.21 0.00	60.99 -1.05 0.00	50.51 -0.93 0.00	43.90 -0.85 0.00	40.44 -0.53 0.00
HICKLING___2 23622	43.49 -0.75 0.00	40.66 -0.58 0.00	38.36 -0.43 0.00	38.25 -0.31 0.00	38.66 -0.19 0.00	44.94 -0.14 0.00	58.58 0.35 0.00	79.96 -0.56 0.00	63.88 -0.71 0.00	49.31 -1.01 0.00	45.99 -0.89 0.00	40.90 -0.96 0.00	38.93 -1.08 0.00	37.27 -1.11 0.00	36.51 -1.13 0.00	37.72 -1.13 0.00	42.38 -1.63 0.00	50.64 -1.89 0.00	62.18 -1.79 0.00	74.09 -2.21 0.00	60.99 -1.05 0.00	50.51 -0.93 0.00	43.90 -0.85 0.00	40.44 -0.53 0.00
HIGH FALLS___HY 23754	45.53 1.28 0.00	42.30 1.07 0.00	39.71 0.93 0.00	39.52 0.96 0.00	39.79 0.93 0.00	46.33 1.26 0.00	60.10 1.86 0.00	83.74 3.22 0.00	66.92 2.33 0.00	51.59 1.71 0.44	47.73 1.55 0.70	42.09 1.42 1.19	40.48 1.28 0.81	38.86 1.23 0.75	38.03 1.24 0.86	39.35 1.40 0.90	45.86 1.85 0.00	54.69 2.15 0.00	66.72 2.75 0.00	79.89 3.59 0.00	64.72 2.67 0.00	53.49 2.06 0.00	46.59 1.83 0.00	42.45 1.47 0.00
HIGH_RIVER___SOLAR 323847	45.88 1.64 0.00	42.72 1.48 0.00	40.18 1.39 0.00	39.90 1.35 0.00	40.21 1.36 0.00	46.83 1.76 0.00	60.50 2.27 0.00	83.74 3.22 0.00	66.99 2.39 0.00	52.61 1.66 -0.63	49.11 1.22 -1.01	44.59 1.00 -1.72	42.03 0.84 -1.17	40.35 0.88 -1.09	39.75 0.87 -1.24	41.07 0.93 -1.29	45.15 1.14 0.00	54.17 1.63 0.00	66.34 2.37 0.00	79.43 3.13 0.00	64.47 2.42 0.00	53.39 1.95 0.00	46.50 1.74 0.00	42.49 1.52 0.00

HILLBURN___GT 23639	45.48 1.24 0.00	42.30 1.07 0.00	39.71 0.93 0.00	39.48 0.92 0.00	39.79 0.93 0.00	46.24 1.17 0.00	59.86 1.63 0.00	83.26 2.74 0.00	66.53 1.94 0.00	46.59 1.61 5.34	39.90 1.54 8.53	28.78 1.46 14.55	31.48 1.36 9.90	30.49 1.26 9.16	28.44 1.28 10.48	29.32 1.40 10.92	45.82 1.81 0.00	54.58 2.05 0.00	66.40 2.43 0.00	79.36 3.06 0.00	64.28 2.23 0.00	53.23 1.80 0.00	46.41 1.66 0.00	42.32 1.35 0.00
HILLSIDE_115KV_TB1 80332	43.00 -1.24 0.00	40.20 -1.03 0.00	37.93 -0.85 0.00	37.82 -0.73 0.00	38.23 -0.62 0.00	44.35 -0.72 0.00	57.77 -0.47 0.00	78.83 -1.69 0.00	62.98 -1.61 0.00	48.71 -1.61 0.00	45.48 -1.41 0.00	40.52 -1.34 0.00	38.57 -1.44 0.00	36.92 -1.46 0.00	36.21 -1.43 0.00	37.37 -1.48 0.00	42.03 -1.98 0.00	50.17 -2.36 0.00	61.48 -2.49 0.00	73.10 -3.20 0.00	60.19 -1.86 0.00	49.89 -1.54 0.00	43.37 -1.39 0.00	39.99 -0.98 0.00
HISHELDN_WT_PWR 323625	42.12 -2.12 0.00	39.34 -1.90 0.00	37.04 -1.74 0.00	36.97 -1.58 0.00	37.46 -1.40 0.00	43.41 -1.67 0.00	56.31 -1.92 0.00	76.33 -4.19 0.00	60.92 -3.68 0.00	46.85 -3.47 0.00	43.93 -2.95 0.00	39.14 -2.72 0.00	37.17 -2.84 0.00	35.62 -2.76 0.00	34.93 -2.71 0.00	36.01 -2.83 0.00	40.45 -3.56 0.00	48.23 -4.31 0.00	59.37 -4.61 0.00	70.19 -6.11 0.00	58.20 -3.85 0.00	48.35 -3.08 0.00	42.25 -2.51 0.00	39.01 -1.97 0.00
HOLTSVILLE_IC_1 23690	46.50 2.26 0.00	43.17 1.94 0.00	40.22 1.44 0.00	39.98 1.43 0.00	40.41 1.56 0.00	46.74 1.67 0.00	59.81 1.57 0.00	83.50 2.98 0.00	66.72 2.13 0.00	54.94 1.86 -2.76	52.88 1.59 -4.40	51.13 1.76 -7.51	46.92 1.80 -5.11	44.68 1.57 -4.73	44.86 1.81 -5.41	46.46 1.98 -5.64	47.01 2.99 0.00	55.69 3.15 0.00	67.75 3.77 0.00	80.96 4.65 0.00	65.09 3.04 0.00	53.95 2.52 0.00	47.71 2.95 0.00	43.31 2.33 0.00
HOLTSVILLE_IC_10 23699	46.67 2.43 0.00	43.33 2.10 0.00	40.37 1.59 0.00	40.14 1.58 0.00	40.61 1.75 0.00	46.88 1.80 0.00	60.04 1.81 0.00	83.90 3.38 0.00	67.05 2.45 0.00	55.14 2.06 -2.76	53.02 1.74 -4.40	51.30 1.93 -7.51	47.08 1.96 -5.11	44.79 1.69 -4.73	44.97 1.92 -5.41	46.62 2.14 -5.64	47.22 3.21 0.00	55.95 3.41 0.00	68.13 4.16 0.00	81.49 5.19 0.00	65.46 3.41 0.00	54.26 2.83 0.00	47.93 3.18 0.00	43.51 2.54 0.00
HOLTSVILLE_IC_2 23691	46.50 2.26 0.00	43.17 1.94 0.00	40.22 1.44 0.00	39.98 1.43 0.00	40.41 1.56 0.00	46.74 1.67 0.00	59.81 1.57 0.00	83.50 2.98 0.00	66.72 2.13 0.00	54.94 1.86 -2.76	52.88 1.59 -4.40	51.13 1.76 -7.51	46.92 1.80 -5.11	44.68 1.57 -4.73	44.86 1.81 -5.41	46.46 1.98 -5.64	47.01 2.99 0.00	55.69 3.15 0.00	67.75 3.77 0.00	80.96 4.65 0.00	65.09 3.04 0.00	53.95 2.52 0.00	47.71 2.95 0.00	43.31 2.33 0.00
HOLTSVILLE_IC_3 23692	46.50 2.26 0.00	43.17 1.94 0.00	40.22 1.44 0.00	39.98 1.43 0.00	40.41 1.56 0.00	46.74 1.67 0.00	59.81 1.57 0.00	83.50 2.98 0.00	66.72 2.13 0.00	54.94 1.86 -2.76	52.88 1.59 -4.40	51.13 1.76 -7.51	46.92 1.80 -5.11	44.68 1.57 -4.73	44.86 1.81 -5.41	46.46 1.98 -5.64	47.01 2.99 0.00	55.69 3.15 0.00	67.75 3.77 0.00	80.96 4.65 0.00	65.09 3.04 0.00	53.95 2.52 0.00	47.71 2.95 0.00	43.31 2.33 0.00
HOLTSVILLE_IC_4 23693	46.50 2.26 0.00	43.17 1.94 0.00	40.22 1.44 0.00	39.98 1.43 0.00	40.41 1.56 0.00	46.74 1.67 0.00	59.81 1.57 0.00	83.50 2.98 0.00	66.72 2.13 0.00	54.94 1.86 -2.76	52.88 1.59 -4.40	51.13 1.76 -7.51	46.92 1.80 -5.11	44.68 1.57 -4.73	44.86 1.81 -5.41	46.46 1.98 -5.64	47.01 2.99 0.00	55.69 3.15 0.00	67.75 3.77 0.00	80.96 4.65 0.00	65.09 3.04 0.00	53.95 2.52 0.00	47.71 2.95 0.00	43.31 2.33 0.00
HOLTSVILLE_IC_5 23694	46.50 2.26 0.00	43.17 1.94 0.00	40.22 1.44 0.00	39.98 1.43 0.00	40.41 1.56 0.00	46.74 1.67 0.00	59.81 1.57 0.00	83.50 2.98 0.00	66.72 2.13 0.00	54.94 1.86 -2.76	52.88 1.59 -4.40	51.13 1.76 -7.51	46.92 1.80 -5.11	44.68 1.57 -4.73	44.86 1.81 -5.41	46.46 1.98 -5.64	47.01 2.99 0.00	55.69 3.15 0.00	67.75 3.77 0.00	80.96 4.65 0.00	65.09 3.04 0.00	53.95 2.52 0.00	47.71 2.95 0.00	43.31 2.33 0.00
HOLTSVILLE_IC_6 23695	46.67 2.43 0.00	43.33 2.10 0.00	40.37 1.59 0.00	40.14 1.58 0.00	40.61 1.75 0.00	46.88 1.80 0.00	60.04 1.81 0.00	83.90 3.38 0.00	67.05 2.45 0.00	55.14 2.06 -2.76	53.02 1.74 -4.40	51.30 1.93 -7.51	47.08 1.96 -5.11	44.79 1.69 -4.73	44.97 1.92 -5.41	46.62 2.14 -5.64	47.22 3.21 0.00	55.95 3.41 0.00	68.13 4.16 0.00	81.49 5.19 0.00	65.46 3.41 0.00	54.26 2.83 0.00	47.93 3.18 0.00	43.51 2.54 0.00
HOLTSVILLE_IC_7 23696	46.67 2.43 0.00	43.33 2.10 0.00	40.37 1.59 0.00	40.14 1.58 0.00	40.61 1.75 0.00	46.88 1.80 0.00	60.04 1.81 0.00	83.90 3.38 0.00	67.05 2.45 0.00	55.14 2.06 -2.76	53.02 1.74 -4.40	51.30 1.93 -7.51	47.08 1.96 -5.11	44.79 1.69 -4.73	44.97 1.92 -5.41	46.62 2.14 -5.64	47.22 3.21 0.00	55.95 3.41 0.00	68.13 4.16 0.00	81.49 5.19 0.00	65.46 3.41 0.00	54.26 2.83 0.00	47.93 3.18 0.00	43.51 2.54 0.00
HOLTSVILLE_IC_8 23697	46.67 2.43 0.00	43.33 2.10 0.00	40.37 1.59 0.00	40.14 1.58 0.00	40.61 1.75 0.00	46.88 1.80 0.00	60.04 1.81 0.00	83.90 3.38 0.00	67.05 2.45 0.00	55.14 2.06 -2.76	53.02 1.74 -4.40	51.30 1.93 -7.51	47.08 1.96 -5.11	44.79 1.69 -4.73	44.97 1.92 -5.41	46.62 2.14 -5.64	47.22 3.21 0.00	55.95 3.41 0.00	68.13 4.16 0.00	81.49 5.19 0.00	65.46 3.41 0.00	54.26 2.83 0.00	47.93 3.18 0.00	43.51 2.54 0.00
HOLTSVILLE_IC_9 23698	46.67 2.43 0.00	43.33 2.10 0.00	40.37 1.59 0.00	40.14 1.58 0.00	40.61 1.75 0.00	46.88 1.80 0.00	60.04 1.81 0.00	83.90 3.38 0.00	67.05 2.45 0.00	55.14 2.06 -2.76	53.02 1.74 -4.40	51.30 1.93 -7.51	47.08 1.96 -5.11	44.79 1.69 -4.73	44.97 1.92 -5.41	46.62 2.14 -5.64	47.22 3.21 0.00	55.95 3.41 0.00	68.13 4.16 0.00	81.49 5.19 0.00	65.46 3.41 0.00	54.26 2.83 0.00	47.93 3.18 0.00	43.51 2.54 0.00
HOMER_HL_115KV_TB2 355744	43.00 -1.24 0.00	40.37 -0.87 0.00	38.12 -0.66 0.00	38.09 -0.46 0.00	38.51 -0.35 0.00	44.67 -0.41 0.00	58.47 0.23 0.00	78.91 -1.61 0.00	62.98 -1.61 0.00	48.56 -1.76 0.00	45.57 -1.31 0.00	40.69 -1.17 0.00	38.53 -1.48 0.00	36.88 -1.50 0.00	36.10 -1.54 0.00	37.29 -1.55 0.00	41.63 -2.38 0.00	49.65 -2.89 0.00	60.84 -3.13 0.00	72.03 -4.27 0.00	59.82 -2.23 0.00	49.58 -1.85 0.00	43.32 -1.43 0.00	40.19 -0.78 0.00
HOWARD_WT_PWR 323690	43.40 -0.84 0.00	40.49 -0.74 0.00	38.20 -0.58 0.00	38.13 -0.42 0.00	38.59 -0.27 0.00	44.89 -0.18 0.00	58.76 0.52 0.00	80.04 -0.48 0.00	63.82 -0.77 0.00	48.96 -1.36 0.00	45.62 -1.26 0.00	40.48 -1.38 0.00	38.49 -1.52 0.00	36.88 -1.50 0.00	36.17 -1.47 0.00	37.33 -1.52 0.00	41.99 -2.02 0.00	50.33 -2.20 0.00	62.12 -1.86 0.00	73.94 -2.37 0.00	61.12 -0.93 0.00	50.56 -0.87 0.00	43.86 -0.89 0.00	40.36 -0.61 0.00

HQ_GEN_CEDARS 23644	45.04 0.80 0.00	41.93 0.70 0.00	39.48 0.70 0.00	39.25 0.69 0.00	39.55 0.70 0.00	45.88 0.81 0.00	59.28 1.05 0.00	81.73 1.21 0.00	65.95 1.36 0.00	51.23 0.91 0.00	47.73 0.84 0.00	42.62 0.75 0.00	40.77 0.76 0.00	39.11 0.73 0.00	38.32 0.68 0.00	39.47 0.62 0.00	44.80 0.79 0.00	53.59 1.05 0.00	65.32 1.34 0.00	77.67 1.37 0.00	63.35 1.30 0.00	52.51 1.08 0.00	45.51 0.76 0.00	41.63 0.66 0.00
HQ_GEN_CEDARS_PROXY 323590	45.04 0.80 0.00	41.98 0.74 0.00	39.48 0.70 0.00	39.25 0.69 0.00	39.56 0.70 0.00	45.88 0.81 0.00	59.28 1.05 0.00	81.73 1.21 0.00	65.95 1.36 0.00	51.23 0.91 0.00	47.73 0.84 0.00	42.62 0.75 0.00	40.77 0.76 0.00	39.11 0.73 0.00	38.32 0.68 0.00	39.47 0.62 0.00	44.80 0.79 0.00	53.59 1.05 0.00	65.32 1.35 0.00	77.68 1.37 0.00	63.35 1.31 0.00	52.52 1.08 0.00	45.51 0.76 0.00	41.63 0.65 0.00
HQ_GEN_IMPORT 323601	44.60 0.35 0.00	41.52 0.29 0.00	39.06 0.27 0.00	38.83 0.27 0.00	39.13 0.27 0.00	45.39 0.32 0.00	58.65 0.41 0.00	81.01 0.49 0.00	65.11 0.51 0.00	50.68 0.35 0.00	47.21 0.33 0.00	42.16 0.30 0.00	40.33 0.32 0.00	38.68 0.31 0.00	37.94 0.30 0.00	39.12 0.27 0.00	44.36 0.35 0.00	53.01 0.47 0.00	64.55 0.57 0.00	76.91 0.61 0.00	62.61 0.56 0.00	51.84 0.41 0.00	45.07 0.32 0.00	41.22 0.25 0.00
HQ_GEN_WHEEL 23651	44.60 0.35 0.00	41.52 0.29 0.00	39.06 0.27 0.00	38.83 0.27 0.00	39.13 0.27 0.00	45.39 0.32 0.00	58.65 0.41 0.00	81.01 0.49 0.00	65.11 0.51 0.00	50.68 0.35 0.00	47.21 0.33 0.00	42.16 0.30 0.00	40.33 0.32 0.00	38.68 0.31 0.00	37.94 0.30 0.00	39.12 0.27 0.00	44.36 0.35 0.00	53.01 0.47 0.00	64.55 0.57 0.00	76.91 0.61 0.00	62.61 0.56 0.00	51.84 0.41 0.00	45.07 0.32 0.00	41.22 0.25 0.00
HUDSON_AVE_GT_3 23810	45.92 1.68 0.00	42.63 1.40 0.00	39.95 1.16 0.00	39.71 1.16 0.00	40.10 1.24 0.00	46.56 1.49 0.00	60.33 2.10 0.00	84.38 3.86 0.00	67.50 2.91 0.00	55.48 2.42 -2.75	53.57 2.30 -4.39	51.48 2.13 -7.49	47.18 2.08 -5.09	45.05 1.96 -4.71	44.99 1.96 -5.39	46.53 2.06 -5.62	46.56 2.55 0.00	55.53 2.99 0.00	67.30 3.33 0.00	80.42 4.12 0.00	64.97 2.92 0.00	53.90 2.47 0.00	47.08 2.33 0.00	42.94 1.97 0.00
HUDSON_AVE_GT_4 23540	45.92 1.68 0.00	42.63 1.40 0.00	39.95 1.16 0.00	39.71 1.16 0.00	40.10 1.24 0.00	46.56 1.49 0.00	60.33 2.10 0.00	84.38 3.86 0.00	67.50 2.91 0.00	55.48 2.42 -2.75	53.57 2.30 -4.39	51.48 2.13 -7.49	47.18 2.08 -5.09	45.05 1.96 -4.71	44.99 1.96 -5.39	46.53 2.06 -5.62	46.56 2.55 0.00	55.53 2.99 0.00	67.30 3.33 0.00	80.42 4.12 0.00	64.97 2.92 0.00	53.90 2.47 0.00	47.08 2.33 0.00	42.94 1.97 0.00
HUDSON_AVE_GT_5 23657	45.92 1.68 0.00	42.63 1.40 0.00	39.95 1.16 0.00	39.71 1.16 0.00	40.10 1.24 0.00	46.56 1.49 0.00	60.33 2.10 0.00	84.38 3.86 0.00	67.50 2.91 0.00	55.48 2.42 -2.75	53.57 2.30 -4.39	51.48 2.13 -7.49	47.18 2.08 -5.09	45.05 1.96 -4.71	44.99 1.96 -5.39	46.53 2.06 -5.62	46.56 2.55 0.00	55.53 2.99 0.00	67.30 3.33 0.00	80.42 4.12 0.00	64.97 2.92 0.00	53.90 2.47 0.00	47.08 2.33 0.00	42.94 1.97 0.00
HUDSON_AVE_10 24168	45.79 1.55 0.00	42.51 1.28 0.00	39.83 1.05 0.00	39.60 1.04 0.00	39.98 1.13 0.00	46.42 1.35 0.00	60.16 1.92 0.00	84.14 3.62 0.00	67.31 2.71 0.00	55.33 2.26 -2.75	53.43 2.16 -4.39	51.36 2.01 -7.49	47.10 2.00 -5.09	44.93 1.84 -4.71	44.88 1.84 -5.39	46.45 1.98 -5.62	46.48 2.46 0.00	55.37 2.84 0.00	67.17 3.20 0.00	80.27 3.97 0.00	64.84 2.79 0.00	53.75 2.31 0.00	46.99 2.24 0.00	42.82 1.84 0.00
HUDSON___115KV_TB 4 355613	46.41 2.17 0.00	43.21 1.98 0.00	40.60 1.82 0.00	40.33 1.77 0.00	40.64 1.79 0.00	47.24 2.16 0.00	61.15 2.91 0.00	84.71 4.19 0.00	67.76 3.17 0.00	53.49 2.52 -0.66	50.04 2.11 -1.05	45.50 1.84 -1.79	42.95 1.72 -1.22	41.16 1.65 -1.13	40.52 1.58 -1.29	41.90 1.71 -1.35	45.95 1.94 0.00	55.00 2.47 0.00	67.17 3.20 0.00	80.35 4.04 0.00	65.15 3.10 0.00	53.90 2.47 0.00	46.95 2.19 0.00	42.98 2.01 0.00
HUNTER MOUNT___DRP 323613	46.68 2.43 0.00	43.50 2.27 0.00	40.84 2.06 0.00	40.60 2.04 0.00	40.91 2.06 0.00	47.55 2.48 0.00	61.61 3.38 0.00	85.27 4.75 0.00	68.15 3.55 0.00	53.73 2.87 -0.54	50.13 2.39 -0.86	45.42 2.09 -1.46	42.93 1.92 -1.00	41.10 1.80 -0.92	40.43 1.73 -1.05	41.81 1.86 -1.10	46.04 2.02 0.00	55.16 2.63 0.00	67.49 3.52 0.00	80.73 4.43 0.00	65.52 3.47 0.00	54.16 2.73 0.00	47.17 2.42 0.00	43.23 2.25 0.00
HUNTINGTON_RES_REC 323705	46.41 2.17 0.00	43.05 1.81 0.00	40.18 1.39 0.00	39.90 1.35 0.00	40.29 1.44 0.00	46.78 1.71 0.00	59.69 1.46 0.00	83.41 2.89 0.00	66.66 2.07 0.00	55.19 2.11 -2.76	53.02 1.74 -4.40	51.30 1.93 -7.51	47.08 1.96 -5.11	44.79 1.69 -4.73	44.97 1.92 -5.41	46.58 2.10 -5.64	47.05 3.03 0.00	55.53 2.99 0.00	67.55 3.58 0.00	80.73 4.42 0.00	64.97 2.92 0.00	53.95 2.52 0.00	47.66 2.91 0.00	43.31 2.33 0.00
HUNTLEY___63 23557	41.72 -2.52 0.00	39.29 -1.94 0.00	37.08 -1.71 0.00	37.05 -1.50 0.00	37.38 -1.48 0.00	43.36 -1.71 0.00	55.91 -2.33 0.00	75.12 -5.39 0.00	60.53 -4.07 0.00	46.75 -3.57 0.00	44.12 -2.77 0.00	39.35 -2.51 0.00	37.25 -2.76 0.00	35.65 -2.72 0.00	34.89 -2.75 0.00	36.01 -2.84 0.00	40.45 -3.56 0.00	47.97 -4.57 0.00	58.66 -5.31 0.00	68.90 -7.40 0.00	57.33 -4.72 0.00	47.73 -3.70 0.00	41.98 -2.77 0.00	38.80 -2.17 0.00
HUNTLEY___64 23558	41.72 -2.52 0.00	39.29 -1.94 0.00	37.08 -1.71 0.00	37.05 -1.50 0.00	37.38 -1.48 0.00	43.36 -1.71 0.00	55.91 -2.33 0.00	75.12 -5.39 0.00	60.53 -4.07 0.00	46.75 -3.57 0.00	44.12 -2.77 0.00	39.35 -2.51 0.00	37.25 -2.76 0.00	35.65 -2.72 0.00	34.89 -2.75 0.00	36.01 -2.84 0.00	40.45 -3.56 0.00	47.97 -4.57 0.00	58.66 -5.31 0.00	68.90 -7.40 0.00	57.33 -4.72 0.00	47.73 -3.70 0.00	41.98 -2.77 0.00	38.80 -2.17 0.00
HUNTLEY___65 23559	41.72 -2.52 0.00	39.29 -1.94 0.00	37.08 -1.71 0.00	37.05 -1.50 0.00	37.38 -1.48 0.00	43.36 -1.71 0.00	55.91 -2.33 0.00	75.12 -5.39 0.00	60.53 -4.07 0.00	46.75 -3.57 0.00	44.12 -2.77 0.00	39.35 -2.51 0.00	37.25 -2.76 0.00	35.65 -2.72 0.00	34.89 -2.75 0.00	36.01 -2.84 0.00	40.45 -3.56 0.00	47.97 -4.57 0.00	58.66 -5.31 0.00	68.90 -7.40 0.00	57.33 -4.72 0.00	47.73 -3.70 0.00	41.98 -2.77 0.00	38.80 -2.17 0.00
HUNTLEY___66 23560	41.72 -2.52 0.00	39.29 -1.94 0.00	37.08 -1.71 0.00	37.05 -1.50 0.00	37.38 -1.48 0.00	43.36 -1.71 0.00	55.91 -2.33 0.00	75.12 -5.39 0.00	60.53 -4.07 0.00	46.75 -3.57 0.00	44.12 -2.77 0.00	39.35 -2.51 0.00	37.25 -2.76 0.00	35.65 -2.72 0.00	34.89 -2.75 0.00	36.01 -2.84 0.00	40.45 -3.56 0.00	47.97 -4.57 0.00	58.66 -5.31 0.00	68.90 -7.40 0.00	57.33 -4.72 0.00	47.73 -3.70 0.00	41.98 -2.77 0.00	38.80 -2.17 0.00

HUNTLEY___67 23561	41.68 -2.57 0.00	39.21 -2.02 0.00	37.04 -1.75 0.00	36.97 -1.58 0.00	37.34 -1.52 0.00	43.27 -1.80 0.00	55.79 -2.45 0.00	75.04 -5.48 0.00	60.33 -4.26 0.00	46.65 -3.67 0.00	44.02 -2.86 0.00	39.31 -2.55 0.00	37.21 -2.80 0.00	35.62 -2.76 0.00	34.89 -2.75 0.00	36.01 -2.84 0.00	40.45 -3.56 0.00	47.91 -4.62 0.00	58.53 -5.44 0.00	68.75 -7.55 0.00	57.27 -4.78 0.00	47.68 -3.75 0.00	41.89 -2.86 0.00	38.76 -2.21 0.00
HUNTLEY___68 23562	41.68 -2.57 0.00	39.21 -2.02 0.00	37.04 -1.75 0.00	36.97 -1.58 0.00	37.34 -1.52 0.00	43.27 -1.80 0.00	55.79 -2.45 0.00	75.04 -5.48 0.00	60.33 -4.26 0.00	46.65 -3.67 0.00	44.02 -2.86 0.00	39.31 -2.55 0.00	37.21 -2.80 0.00	35.62 -2.76 0.00	34.89 -2.75 0.00	36.01 -2.84 0.00	40.45 -3.56 0.00	47.91 -4.62 0.00	58.53 -5.44 0.00	68.75 -7.55 0.00	57.27 -4.78 0.00	47.68 -3.75 0.00	41.89 -2.86 0.00	38.76 -2.21 0.00
HYLAND___LFGE 323620	44.33 0.09 0.00	41.32 0.08 0.00	38.94 0.16 0.00	38.86 0.31 0.00	39.32 0.47 0.00	45.75 0.68 0.00	59.69 1.46 0.00	80.92 0.40 0.00	63.75 -0.84 0.00	48.41 -1.91 0.00	44.92 -1.97 0.00	39.64 -2.22 0.00	37.65 -2.36 0.00	36.15 -2.23 0.00	35.57 -2.07 0.00	36.83 -2.02 0.00	41.59 -2.42 0.00	50.43 -2.10 0.00	62.82 -1.15 0.00	75.69 -0.61 0.00	62.54 0.49 0.00	51.80 0.36 0.00	44.75 0.00 0.00	40.93 -0.04 0.00
INDECK___CORINTH 23802	45.35 1.11 0.00	42.22 0.99 0.00	39.71 0.93 0.00	39.37 0.81 0.00	39.79 0.93 0.00	46.42 1.35 0.00	59.86 1.63 0.00	83.17 2.65 0.00	66.66 2.07 0.00	52.65 1.61 -0.72	49.15 1.12 -1.14	44.94 1.13 -1.95	42.30 0.96 -1.33	40.45 0.84 -1.23	39.84 0.79 -1.40	41.21 0.89 -1.46	45.11 1.10 0.00	53.79 1.26 0.00	65.63 1.66 0.00	78.59 2.29 0.00	63.66 1.61 0.00	52.56 1.13 0.00	45.87 1.12 0.00	42.04 1.06 0.00
INDECK___ILION 23567	44.33 0.09 0.00	41.27 0.04 0.00	38.82 0.04 0.00	38.59 0.04 0.00	38.89 0.04 0.00	45.16 0.09 0.00	58.41 0.17 0.00	81.08 0.56 0.00	65.05 0.45 0.00	50.72 0.40 0.00	47.26 0.38 0.00	42.24 0.38 0.00	40.37 0.36 0.00	38.76 0.38 0.00	38.02 0.38 0.00	39.24 0.39 0.00	44.45 0.44 0.00	53.06 0.53 0.00	64.55 0.58 0.00	76.99 0.69 0.00	62.48 0.43 0.00	51.79 0.36 0.00	45.07 0.31 0.00	41.22 0.25 0.00
INDECK___OLEAN 23982	43.31 -0.93 0.00	40.49 -0.74 0.00	38.20 -0.58 0.00	38.09 -0.46 0.00	38.51 -0.35 0.00	44.67 -0.41 0.00	58.47 0.23 0.00	79.07 -1.45 0.00	62.98 -1.61 0.00	48.56 -1.76 0.00	45.57 -1.31 0.00	40.65 -1.22 0.00	38.49 -1.52 0.00	36.88 -1.50 0.00	36.10 -1.54 0.00	37.29 -1.56 0.00	41.63 -2.38 0.00	49.65 -2.89 0.00	60.78 -3.20 0.00	72.03 -4.27 0.00	59.82 -2.23 0.00	49.58 -1.85 0.00	43.32 -1.43 0.00	40.19 -0.78 0.00
INDECK___OSWEGO 23783	42.52 -1.73 0.00	39.71 -1.52 0.00	37.39 -1.39 0.00	37.21 -1.35 0.00	37.49 -1.36 0.00	43.41 -1.67 0.00	56.19 -2.04 0.00	77.62 -2.90 0.00	62.21 -2.39 0.00	48.36 -1.96 0.00	45.05 -1.83 0.00	40.14 -1.72 0.00	38.37 -1.64 0.00	36.80 -1.58 0.00	36.10 -1.54 0.00	37.22 -1.63 0.00	42.03 -1.98 0.00	50.23 -2.31 0.00	61.29 -2.68 0.00	73.17 -3.13 0.00	59.63 -2.42 0.00	49.48 -1.95 0.00	42.96 -1.79 0.00	39.37 -1.60 0.00
INDECK___YERKES 23781	42.21 -2.03 0.00	39.38 -1.85 0.00	37.08 -1.71 0.00	37.01 -1.54 0.00	37.38 -1.48 0.00	43.27 -1.80 0.00	55.90 -2.33 0.00	75.36 -5.15 0.00	60.59 -4.01 0.00	46.80 -3.52 0.00	44.16 -2.72 0.00	39.39 -2.47 0.00	37.29 -2.72 0.00	35.69 -2.69 0.00	34.93 -2.71 0.00	36.05 -2.80 0.00	40.49 -3.52 0.00	48.02 -4.52 0.00	58.73 -5.24 0.00	68.98 -7.33 0.00	57.39 -4.65 0.00	47.78 -3.65 0.00	42.02 -2.73 0.00	38.84 -2.13 0.00
INDIAN POINT_GT_1 24139	45.53 1.28 0.00	42.30 1.07 0.00	39.67 0.89 0.00	39.44 0.89 0.00	39.79 0.93 0.00	46.20 1.13 0.00	59.87 1.63 0.00	83.42 2.90 0.00	66.66 2.07 0.00	69.07 1.76 -16.98	75.66 1.64 -27.13	89.70 1.55 -46.29	72.99 1.48 -31.50	68.90 1.38 -29.14	72.38 1.39 -33.35	75.07 1.48 -34.75	45.90 1.89 0.00	54.69 2.15 0.00	66.47 2.49 0.00	79.51 3.20 0.00	64.34 2.30 0.00	53.28 1.85 0.00	46.50 1.75 0.00	42.45 1.47 0.00
INDIAN POINT_GT_2 23659	45.53 1.28 0.00	42.30 1.07 0.00	39.67 0.89 0.00	39.44 0.89 0.00	39.79 0.93 0.00	46.20 1.13 0.00	59.87 1.63 0.00	83.42 2.90 0.00	66.66 2.07 0.00	69.07 1.76 -16.98	75.66 1.64 -27.13	89.70 1.55 -46.29	72.99 1.48 -31.50	68.90 1.38 -29.14	72.38 1.39 -33.35	75.07 1.48 -34.75	45.90 1.89 0.00	54.69 2.15 0.00	66.47 2.49 0.00	79.51 3.20 0.00	64.34 2.30 0.00	53.28 1.85 0.00	46.50 1.75 0.00	42.45 1.47 0.00
INDIAN POINT_GT_3 24019	45.53 1.28 0.00	42.30 1.07 0.00	39.67 0.89 0.00	39.44 0.89 0.00	39.79 0.93 0.00	46.20 1.13 0.00	59.87 1.63 0.00	83.42 2.90 0.00	66.66 2.07 0.00	69.07 1.76 -16.98	75.66 1.64 -27.13	89.70 1.55 -46.29	72.99 1.48 -31.50	68.90 1.38 -29.14	72.38 1.39 -33.35	75.07 1.48 -34.75	45.90 1.89 0.00	54.69 2.15 0.00	66.47 2.49 0.00	79.51 3.20 0.00	64.34 2.30 0.00	53.28 1.85 0.00	46.50 1.75 0.00	42.45 1.47 0.00
INDIAN POINT___2 23530	45.39 1.15 0.00	42.22 0.99 0.00	39.63 0.85 0.00	39.40 0.85 0.00	39.71 0.85 0.00	46.15 1.08 0.00	59.69 1.46 0.00	83.02 2.50 0.00	66.34 1.74 0.00	43.96 1.51 7.87	35.72 1.41 12.57	21.76 1.34 21.44	26.71 1.28 14.59	26.04 1.15 13.49	23.40 1.20 15.44	24.03 1.28 16.09	45.68 1.67 0.00	54.42 1.89 0.00	66.21 2.24 0.00	79.13 2.82 0.00	64.09 2.04 0.00	53.08 1.65 0.00	46.32 1.57 0.00	42.24 1.27 0.00
INDIAN POINT___3 23531	45.53 1.28 0.00	42.30 1.07 0.00	39.67 0.89 0.00	39.44 0.89 0.00	39.79 0.93 0.00	46.20 1.13 0.00	59.87 1.63 0.00	83.50 2.98 0.00	66.73 2.13 0.00	54.80 1.76 -2.71	52.91 1.69 -4.33	50.85 1.59 -7.40	46.52 1.48 -5.03	44.45 1.42 -4.65	44.40 1.43 -5.33	45.91 1.52 -5.55	45.90 1.89 0.00	54.74 2.21 0.00	66.53 2.56 0.00	79.51 3.20 0.00	64.34 2.30 0.00	53.28 1.85 0.00	46.54 1.79 0.00	42.45 1.47 0.00
INGHAM_C_115KV_TB7 356103	44.02 -0.22 0.00	41.03 -0.21 0.00	38.59 -0.19 0.00	38.40 -0.15 0.00	38.66 -0.19 0.00	44.98 -0.09 0.00	58.23 0.00 0.00	80.76 0.24 0.00	64.85 0.26 0.00	50.57 0.25 0.00	47.16 0.28 0.00	42.20 0.33 0.00	40.33 0.32 0.00	38.72 0.35 0.00	37.98 0.34 0.00	39.24 0.39 0.00	44.45 0.44 0.00	52.96 0.42 0.00	64.42 0.45 0.00	76.76 0.46 0.00	62.30 0.25 0.00	51.69 0.26 0.00	44.93 0.18 0.00	41.14 0.16 0.00
IP CORINTH___1 23988	45.57 1.33 0.00	42.43 1.20 0.00	39.87 1.09 0.00	39.52 0.96 0.00	39.94 1.09 0.00	46.56 1.49 0.00	60.21 1.98 0.00	83.66 3.14 0.00	67.05 2.45 0.00	52.95 1.91 -0.72	49.48 1.45 -1.14	45.15 1.34 -1.95	42.54 1.20 -1.33	40.68 1.07 -1.23	40.03 0.98 -1.40	41.40 1.09 -1.46	45.38 1.36 0.00	54.11 1.58 0.00	66.02 2.05 0.00	79.05 2.75 0.00	64.03 1.99 0.00	52.82 1.39 0.00	46.10 1.34 0.00	42.24 1.27 0.00

IP___TICONDEROGA 23804	47.38 3.14 0.00	44.04 2.80 0.00	41.46 2.68 0.00	41.02 2.47 0.00	41.54 2.68 0.00	48.54 3.47 0.00	62.89 4.66 0.00	87.28 6.76 0.00	69.89 5.30 0.00	55.02 3.98 -0.72	51.27 3.23 -1.15	46.76 2.93 -1.96	44.03 2.68 -1.34	42.03 2.42 -1.24	41.35 2.30 -1.41	42.81 2.49 -1.47	46.96 2.95 0.00	56.21 3.68 0.00	68.83 4.86 0.00	82.71 6.41 0.00	67.01 4.96 0.00	55.19 3.75 0.00	48.02 3.27 0.00	43.88 2.91 0.00
ISLIP_RES_REC 323679	46.85 2.61 0.00	43.50 2.27 0.00	40.53 1.75 0.00	40.29 1.74 0.00	40.72 1.86 0.00	47.05 1.98 0.00	60.33 2.09 0.00	84.38 3.86 0.00	67.43 2.84 0.00	55.39 2.32 -2.76	53.30 2.01 -4.40	51.51 2.13 -7.51	47.28 2.16 -5.11	44.99 1.88 -4.73	45.16 2.11 -5.41	46.82 2.33 -5.64	47.49 3.48 0.00	56.27 3.73 0.00	68.51 4.54 0.00	81.95 5.65 0.00	65.83 3.79 0.00	54.52 3.09 0.00	48.15 3.40 0.00	43.68 2.70 0.00
JAMAICA__27_KV_LOAD 355505	45.97 1.73 0.00	42.63 1.40 0.00	39.98 1.20 0.00	39.71 1.16 0.00	40.10 1.24 0.00	46.70 1.62 0.00	60.39 2.15 0.00	84.55 4.03 0.00	67.63 3.04 0.00	55.53 2.47 -2.75	53.66 2.39 -4.39	51.57 2.22 -7.49	47.34 2.24 -5.09	45.20 2.11 -4.71	45.14 2.11 -5.39	46.68 2.21 -5.62	46.78 2.77 0.00	55.69 3.15 0.00	67.55 3.58 0.00	80.80 4.50 0.00	65.21 3.16 0.00	54.06 2.62 0.00	47.26 2.51 0.00	43.06 2.09 0.00
JANIS___SOLAR 323808	45.39 1.15 0.00	42.26 1.03 0.00	39.79 1.01 0.00	39.60 1.04 0.00	39.86 1.01 0.00	46.42 1.35 0.00	60.68 2.45 0.00	83.98 3.46 0.00	66.99 2.39 0.00	51.58 1.26 0.00	47.73 0.84 0.00	42.32 0.46 0.00	40.21 0.20 0.00	38.49 0.12 0.00	37.76 0.11 0.00	39.04 0.20 0.00	44.32 0.31 0.00	53.32 0.79 0.00	65.63 1.66 0.00	78.67 2.37 0.00	64.22 2.17 0.00	53.08 1.65 0.00	45.87 1.12 0.00	41.95 0.98 0.00
JARVIS____ 23743	44.51 0.27 0.00	41.48 0.25 0.00	38.98 0.19 0.00	38.75 0.19 0.00	39.05 0.20 0.00	45.30 0.23 0.00	58.53 0.29 0.00	81.01 0.49 0.00	64.99 0.39 0.00	50.68 0.35 0.00	47.21 0.33 0.00	42.20 0.33 0.00	40.29 0.28 0.00	38.68 0.31 0.00	37.94 0.30 0.00	39.12 0.27 0.00	44.36 0.35 0.00	52.95 0.42 0.00	64.42 0.45 0.00	76.91 0.61 0.00	62.42 0.37 0.00	51.80 0.36 0.00	45.07 0.32 0.00	41.22 0.25 0.00
JENNISON___1 23625	45.44 1.19 0.00	42.26 1.03 0.00	39.83 1.05 0.00	39.60 1.04 0.00	39.87 1.01 0.00	46.47 1.40 0.00	60.62 2.39 0.00	84.14 3.62 0.00	67.37 2.78 0.00	52.08 1.76 0.00	48.38 1.50 0.00	43.08 1.21 0.00	40.93 0.92 0.00	39.22 0.84 0.00	38.47 0.83 0.00	39.78 0.93 0.00	45.02 1.01 0.00	53.95 1.42 0.00	66.15 2.18 0.00	78.97 2.67 0.00	64.34 2.30 0.00	53.18 1.75 0.00	46.01 1.25 0.00	42.16 1.19 0.00
JENNISON___2 23626	45.44 1.19 0.00	42.26 1.03 0.00	39.83 1.05 0.00	39.60 1.04 0.00	39.87 1.01 0.00	46.47 1.40 0.00	60.62 2.39 0.00	84.14 3.62 0.00	67.37 2.78 0.00	52.08 1.76 0.00	48.38 1.50 0.00	43.08 1.21 0.00	40.93 0.92 0.00	39.22 0.84 0.00	38.47 0.83 0.00	39.78 0.93 0.00	45.02 1.01 0.00	53.95 1.42 0.00	66.15 2.18 0.00	78.97 2.67 0.00	64.34 2.30 0.00	53.18 1.75 0.00	46.01 1.25 0.00	42.16 1.19 0.00
JERICHO_RISE_WT_PWR 323719	45.17 0.93 0.00	42.06 0.82 0.00	39.60 0.82 0.00	39.33 0.77 0.00	39.63 0.78 0.00	45.97 0.90 0.00	59.40 1.16 0.00	81.89 1.37 0.00	66.14 1.55 0.00	51.38 1.06 0.00	47.91 1.03 0.00	42.78 0.92 0.00	40.93 0.92 0.00	39.26 0.88 0.00	38.47 0.83 0.00	39.66 0.82 0.00	44.98 0.97 0.00	53.79 1.26 0.00	65.57 1.60 0.00	77.91 1.60 0.00	63.54 1.49 0.00	52.46 1.03 0.00	45.47 0.71 0.00	41.59 0.62 0.00
KATONAH___115KV_46KV_TB4 355592	45.97 1.73 0.00	42.72 1.48 0.00	40.06 1.28 0.00	39.83 1.27 0.00	40.18 1.32 0.00	46.74 1.67 0.00	60.51 2.27 0.00	84.55 4.03 0.00	67.63 3.04 0.00	55.01 2.52 -2.17	52.70 2.34 -3.47	49.96 2.18 -5.92	46.00 1.96 -4.03	43.95 1.84 -3.72	43.75 1.84 -4.26	45.23 1.94 -4.44	46.39 2.38 0.00	55.37 2.84 0.00	67.36 3.39 0.00	80.50 4.20 0.00	65.03 2.98 0.00	53.95 2.52 0.00	46.99 2.24 0.00	42.82 1.84 0.00
KCE_NY_1 323755	46.14 1.90 0.00	43.00 1.77 0.00	40.41 1.63 0.00	40.10 1.54 0.00	40.45 1.59 0.00	47.10 2.03 0.00	60.74 2.50 0.00	84.23 3.71 0.00	67.50 2.91 0.00	53.35 2.32 -0.72	50.00 1.97 -1.15	45.57 1.76 -1.95	42.98 1.64 -1.33	41.15 1.54 -1.23	40.56 1.51 -1.41	41.91 1.59 -1.47	45.90 1.89 0.00	54.84 2.31 0.00	66.85 2.88 0.00	79.89 3.59 0.00	64.72 2.67 0.00	53.54 2.11 0.00	46.68 1.92 0.00	42.73 1.76 0.00
KCE_NY_6_ESR 323823	42.83 -1.42 0.00	39.95 -1.28 0.00	37.62 -1.16 0.00	37.55 -1.00 0.00	37.92 -0.93 0.00	43.95 -1.13 0.00	57.01 -1.23 0.00	76.98 -3.54 0.00	61.69 -2.91 0.00	47.65 -2.67 0.00	44.92 -1.97 0.00	40.11 -1.76 0.00	37.93 -2.08 0.00	36.34 -2.04 0.00	35.57 -2.07 0.00	36.71 -2.14 0.00	41.19 -2.82 0.00	48.91 -3.62 0.00	59.75 -4.22 0.00	70.27 -6.03 0.00	58.51 -3.53 0.00	48.66 -2.78 0.00	42.70 -2.06 0.00	39.54 -1.44 0.00
KEDC_PORT_JEFF_GT2 24210	46.67 2.43 0.00	43.33 2.10 0.00	40.33 1.55 0.00	40.10 1.54 0.00	40.56 1.71 0.00	46.88 1.80 0.00	59.98 1.75 0.00	83.82 3.30 0.00	66.99 2.39 0.00	55.14 2.06 -2.76	53.02 1.74 -4.40	51.26 1.89 -7.51	47.08 1.96 -5.11	44.79 1.69 -4.73	44.97 1.92 -5.41	46.62 2.14 -5.64	47.22 3.21 0.00	55.90 3.37 0.00	68.07 4.10 0.00	81.41 5.11 0.00	65.40 3.35 0.00	54.21 2.78 0.00	47.88 3.13 0.00	43.47 2.50 0.00
KEDC_PORT_JEFF_GT3 24211	46.67 2.43 0.00	43.33 2.10 0.00	40.33 1.55 0.00	40.10 1.54 0.00	40.56 1.71 0.00	46.88 1.80 0.00	59.98 1.75 0.00	83.82 3.30 0.00	66.99 2.39 0.00	55.14 2.06 -2.76	53.02 1.74 -4.40	51.26 1.89 -7.51	47.08 1.96 -5.11	44.79 1.69 -4.73	44.97 1.92 -5.41	46.62 2.14 -5.64	47.22 3.21 0.00	55.90 3.37 0.00	68.07 4.10 0.00	81.41 5.11 0.00	65.40 3.35 0.00	54.21 2.78 0.00	47.88 3.13 0.00	43.47 2.50 0.00
KEDC_GLWD_GT4 24219	46.50 2.26 0.00	43.09 1.86 0.00	40.33 1.55 0.00	40.10 1.54 0.00	40.41 1.56 0.00	47.05 1.98 0.00	60.50 2.27 0.00	84.46 3.94 0.00	67.63 3.04 0.00	55.74 2.67 -2.76	53.72 2.44 -4.40	51.80 2.43 -7.51	47.44 2.32 -5.11	45.22 2.11 -4.73	45.27 2.22 -5.41	46.89 2.41 -5.64	47.18 3.17 0.00	55.95 3.41 0.00	67.94 3.97 0.00	81.19 4.89 0.00	65.52 3.47 0.00	54.36 2.93 0.00	47.71 2.95 0.00	43.39 2.42 0.00
KEDC_GLWD_GT5 24220	46.50 2.26 0.00	43.09 1.86 0.00	40.33 1.55 0.00	40.10 1.54 0.00	40.41 1.56 0.00	47.05 1.98 0.00	60.50 2.27 0.00	84.46 3.94 0.00	67.63 3.04 0.00	55.74 2.67 -2.76	53.72 2.44 -4.40	51.80 2.43 -7.51	47.44 2.32 -5.11	45.22 2.11 -4.73	45.27 2.22 -5.41	46.89 2.41 -5.64	47.18 3.17 0.00	55.95 3.41 0.00	67.94 3.97 0.00	81.19 4.89 0.00	65.52 3.47 0.00	54.36 2.93 0.00	47.71 2.95 0.00	43.39 2.42 0.00

KENSICO____ 23655	45.75 1.50 0.00	42.51 1.28 0.00	39.87 1.09 0.00	39.64 1.08 0.00	39.94 1.09 0.00	46.42 1.35 0.00	60.10 1.86 0.00	83.90 3.38 0.00	67.11 2.52 0.00	55.29 2.11 -2.86	53.42 1.97 -4.57	51.50 1.84 -7.79	47.07 1.76 -5.30	44.94 1.65 -4.91	44.91 1.66 -5.61	46.49 1.79 -5.85	46.21 2.20 0.00	55.06 2.52 0.00	66.92 2.94 0.00	79.96 3.66 0.00	64.65 2.61 0.00	53.59 2.16 0.00	46.77 2.01 0.00	42.69 1.72 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	45.61 1.37 0.00	42.39 1.15 0.00	39.79 1.01 0.00	39.60 1.04 0.00	39.87 1.01 0.00	46.42 1.35 0.00	60.21 1.98 0.00	83.90 3.38 0.00	66.99 2.39 0.00	51.06 1.76 1.02	46.80 1.55 1.63	40.50 1.42 2.78	39.40 1.28 1.89	37.86 1.23 1.75	36.92 1.28 2.00	38.16 1.40 2.09	45.86 1.85 0.00	54.74 2.21 0.00	66.79 2.81 0.00	79.89 3.59 0.00	64.78 2.73 0.00	53.54 2.11 0.00	46.63 1.88 0.00	42.53 1.56 0.00
KIAC_JFK_GT1 23816	45.75 1.50 0.00	42.43 1.20 0.00	39.75 0.97 0.00	39.52 0.96 0.00	39.90 1.05 0.00	46.42 1.35 0.00	59.81 1.57 0.00	83.74 3.22 0.00	66.99 2.39 0.00	55.03 1.96 -2.75	53.19 1.92 -4.39	51.15 1.80 -7.49	47.14 2.04 -5.09	45.01 1.92 -4.71	44.92 1.88 -5.39	46.49 2.02 -5.62	46.56 2.55 0.00	55.16 2.63 0.00	66.92 2.94 0.00	80.04 3.74 0.00	64.59 2.54 0.00	53.54 2.11 0.00	47.04 2.28 0.00	42.82 1.84 0.00
KIAC_JFK_GT2 23817	45.75 1.50 0.00	42.43 1.20 0.00	39.75 0.97 0.00	39.52 0.96 0.00	39.90 1.05 0.00	46.42 1.35 0.00	59.81 1.57 0.00	83.74 3.22 0.00	66.99 2.39 0.00	55.03 1.96 -2.75	53.19 1.92 -4.39	51.15 1.80 -7.49	47.14 2.04 -5.09	45.01 1.92 -4.71	44.92 1.88 -5.39	46.49 2.02 -5.62	46.56 2.55 0.00	55.16 2.63 0.00	66.92 2.94 0.00	80.04 3.74 0.00	64.59 2.54 0.00	53.54 2.11 0.00	47.04 2.28 0.00	42.82 1.84 0.00
KIAC_JFK____ 323774	45.83 1.59 0.00	42.51 1.28 0.00	39.94 1.16 0.00	39.71 1.16 0.00	39.98 1.13 0.00	46.61 1.53 0.00	59.86 1.63 0.00	83.66 3.14 0.00	66.99 2.39 0.00	55.03 1.96 -2.75	53.19 1.92 -4.39	51.15 1.80 -7.49	47.18 2.08 -5.09	44.97 1.88 -4.71	44.92 1.88 -5.39	46.49 2.02 -5.62	46.56 2.55 0.00	55.16 2.63 0.00	66.92 2.94 0.00	80.04 3.74 0.00	64.59 2.55 0.00	53.54 2.11 0.00	47.03 2.28 0.00	42.82 1.85 0.00
KINTIGH____ 23543	41.41 -2.83 0.00	38.92 -2.31 0.00	36.73 -2.06 0.00	36.63 -1.93 0.00	36.99 -1.87 0.00	42.91 -2.16 0.00	55.21 -3.03 0.00	74.56 -5.96 0.00	59.94 -4.65 0.00	46.45 -3.87 0.00	43.74 -3.14 0.00	39.02 -2.85 0.00	37.01 -3.00 0.00	35.46 -2.92 0.00	34.71 -2.94 0.00	35.86 -2.99 0.00	40.31 -3.70 0.00	47.86 -4.68 0.00	58.47 -5.50 0.00	68.82 -7.48 0.00	57.02 -5.03 0.00	47.47 -3.96 0.00	41.58 -3.18 0.00	38.43 -2.54 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	46.32 2.08 0.00	43.13 1.90 0.00	40.60 1.82 0.00	40.33 1.77 0.00	40.64 1.79 0.00	47.19 2.12 0.00	61.15 2.91 0.00	84.06 3.54 0.00	68.15 3.55 0.00	52.84 2.52 0.00	49.23 2.34 0.00	43.91 2.05 0.00	42.05 2.04 0.00	40.30 1.92 0.00	39.45 1.81 0.00	40.63 1.79 0.00	46.12 2.11 0.00	55.22 2.68 0.00	67.36 3.39 0.00	79.89 3.59 0.00	65.34 3.29 0.00	53.95 2.52 0.00	46.59 1.83 0.00	42.61 1.64 0.00
LACHUTE____HYDRO 323717	47.47 3.23 0.00	44.08 2.84 0.00	41.50 2.71 0.00	41.06 2.50 0.00	41.57 2.72 0.00	48.68 3.61 0.00	62.95 4.71 0.00	87.28 6.76 0.00	69.89 5.30 0.00	55.02 3.97 -0.72	51.27 3.23 -1.15	46.76 2.93 -1.96	43.99 2.64 -1.34	42.03 2.42 -1.24	41.35 2.30 -1.41	42.81 2.49 -1.47	46.96 2.95 0.00	56.21 3.68 0.00	68.83 4.86 0.00	82.71 6.41 0.00	67.01 4.97 0.00	55.14 3.71 0.00	48.02 3.27 0.00	43.88 2.91 0.00
LAWRNCALV_115KV_TB1 80681	44.73 0.49 0.00	41.65 0.41 0.00	39.21 0.43 0.00	38.98 0.42 0.00	39.24 0.39 0.00	45.57 0.50 0.00	58.93 0.70 0.00	81.32 0.81 0.00	65.69 1.10 0.00	50.92 0.60 0.00	47.40 0.52 0.00	42.32 0.46 0.00	40.53 0.52 0.00	38.84 0.46 0.00	38.09 0.45 0.00	39.24 0.39 0.00	44.50 0.48 0.00	53.27 0.74 0.00	65.06 1.09 0.00	77.37 1.07 0.00	63.10 1.05 0.00	52.26 0.82 0.00	45.20 0.45 0.00	41.34 0.37 0.00
LEDERLE____ 23769	45.57 1.33 0.00	42.35 1.11 0.00	39.71 0.93 0.00	39.48 0.93 0.00	39.83 0.97 0.00	46.29 1.22 0.00	60.04 1.81 0.00	83.66 3.14 0.00	66.86 2.26 0.00	46.88 1.86 5.30	40.14 1.73 8.47	29.04 1.63 14.46	31.69 1.52 9.84	30.70 1.42 9.10	28.66 1.43 10.41	29.55 1.55 10.85	45.95 1.94 0.00	54.79 2.26 0.00	66.66 2.69 0.00	79.66 3.36 0.00	64.53 2.48 0.00	53.44 2.01 0.00	46.59 1.83 0.00	42.49 1.52 0.00
LIGHTHSE_115KV_TB6 355974	43.18 -1.06 0.00	40.24 -0.99 0.00	37.97 -0.81 0.00	37.75 -0.81 0.00	38.00 -0.85 0.00	44.08 -0.99 0.00	57.01 -1.22 0.00	78.83 -1.69 0.00	63.05 -1.55 0.00	49.01 -1.31 0.00	45.57 -1.31 0.00	40.69 -1.17 0.00	38.85 -1.16 0.00	37.23 -1.15 0.00	36.51 -1.13 0.00	37.60 -1.24 0.00	42.43 -1.58 0.00	50.80 -1.73 0.00	62.18 -1.79 0.00	74.39 -1.91 0.00	60.62 -1.43 0.00	50.30 -1.13 0.00	43.63 -1.12 0.00	39.91 -1.07 0.00
LINDEN COGEN____ 23786	45.70 1.46 0.00	42.39 1.15 0.00	39.83 1.05 0.00	39.56 1.00 0.00	39.86 1.01 0.00	46.38 1.31 0.00	59.98 1.75 0.00	83.12 3.14 0.53	64.51 2.32 2.41	55.08 2.01 -2.75	53.19 1.92 -4.39	51.15 1.80 -7.49	46.86 1.76 -5.09	44.70 1.61 -4.71	44.69 1.65 -5.39	46.22 1.75 -5.62	46.21 2.20 0.00	55.11 2.57 0.00	65.45 2.81 1.33	74.28 3.51 5.53	64.47 2.42 0.00	53.49 2.06 0.00	46.72 1.97 0.00	42.61 1.64 0.00
LINDHRST_69_KV_BK1 356055	46.81 2.57 0.00	43.29 2.06 0.00	40.53 1.75 0.00	40.29 1.74 0.00	40.57 1.71 0.00	47.28 2.21 0.00	60.74 2.50 0.00	85.11 4.59 0.00	67.95 3.36 0.00	55.89 2.82 -2.76	53.77 2.48 -4.40	51.84 2.47 -7.51	47.52 2.40 -5.11	45.29 2.19 -4.73	45.42 2.37 -5.41	47.09 2.60 -5.64	47.53 3.52 0.00	56.37 3.84 0.00	68.58 4.61 0.00	82.02 5.72 0.00	66.08 4.03 0.00	54.78 3.34 0.00	48.11 3.36 0.00	43.80 2.83 0.00
LIPA_MISC_IPP 23656	46.23 1.99 0.00	42.72 1.48 0.00	39.98 1.20 0.00	39.71 1.16 0.00	39.98 1.13 0.00	46.15 1.08 0.00	59.34 1.11 0.00	83.26 2.74 0.00	66.15 1.55 0.00	54.43 1.36 -2.76	52.32 1.03 -4.40	50.54 1.17 -7.51	46.52 1.40 -5.11	44.30 1.19 -4.73	44.52 1.47 -5.41	46.16 1.67 -5.64	46.83 2.82 0.00	55.48 2.94 0.00	67.55 3.58 0.00	80.80 4.50 0.00	64.78 2.73 0.00	53.65 2.21 0.00	47.35 2.60 0.00	43.10 2.13 0.00
LISF____SOLAR 323691	46.41 2.17 0.00	43.17 1.94 0.00	40.10 1.32 0.00	39.87 1.31 0.00	40.41 1.56 0.00	46.29 1.22 0.00	59.46 1.22 0.00	82.93 2.41 0.00	66.21 1.62 0.00	54.44 1.36 -2.76	52.32 1.03 -4.40	50.67 1.30 -7.51	46.60 1.48 -5.11	44.33 1.23 -4.73	44.52 1.47 -5.41	46.19 1.71 -5.64	46.87 2.86 0.00	55.53 2.99 0.00	67.68 3.71 0.00	80.96 4.65 0.00	64.84 2.79 0.00	53.75 2.32 0.00	47.48 2.73 0.00	43.14 2.17 0.00

LITTLE FALLS___HYD 24013	44.02 -0.22 0.00	41.03 -0.21 0.00	38.59 -0.19 0.00	38.40 -0.15 0.00	38.66 -0.19 0.00	44.98 -0.09 0.00	58.23 0.00 0.00	80.76 0.24 0.00	64.85 0.26 0.00	50.57 0.25 0.00	47.16 0.28 0.00	42.20 0.33 0.00	40.33 0.32 0.00	38.72 0.35 0.00	37.98 0.34 0.00	39.24 0.39 0.00	44.45 0.44 0.00	52.96 0.42 0.00	64.42 0.45 0.00	76.76 0.46 0.00	62.30 0.25 0.00	51.69 0.26 0.00	44.93 0.18 0.00	41.14 0.16 0.00
LITTLRIV_115KV_TB1 356100	45.26 1.02 0.00	42.14 0.91 0.00	39.67 0.89 0.00	39.40 0.85 0.00	39.71 0.85 0.00	46.15 1.08 0.00	59.75 1.51 0.00	82.53 2.01 0.00	66.60 2.00 0.00	51.53 1.21 0.00	47.96 1.08 0.00	42.78 0.92 0.00	40.93 0.92 0.00	39.22 0.84 0.00	38.43 0.79 0.00	39.59 0.74 0.00	44.89 0.88 0.00	53.85 1.31 0.00	65.83 1.86 0.00	78.44 2.14 0.00	63.97 1.92 0.00	52.98 1.54 0.00	45.78 1.03 0.00	41.79 0.82 0.00
LI_NEWBRDGE___DRP 323616	46.06 1.81 0.00	42.63 1.40 0.00	39.95 1.16 0.00	39.71 1.16 0.00	40.02 1.17 0.00	46.56 1.49 0.00	59.81 1.57 0.00	83.74 3.22 0.00	66.92 2.33 0.00	55.19 2.11 -2.76	53.16 1.88 -4.40	51.30 1.93 -7.51	47.00 1.88 -5.11	44.83 1.73 -4.73	44.90 1.84 -5.41	46.50 2.02 -5.64	46.74 2.73 0.00	55.37 2.84 0.00	67.30 3.33 0.00	80.42 4.12 0.00	64.84 2.79 0.00	53.80 2.37 0.00	47.26 2.51 0.00	43.06 2.09 0.00
LOCKPORT_115KV_TB60_63_64 80432	41.37 -2.88 0.00	38.97 -2.27 0.00	36.77 -2.02 0.00	36.71 -1.85 0.00	37.07 -1.79 0.00	42.95 -2.12 0.00	55.38 -2.85 0.00	74.40 -6.12 0.00	59.88 -4.72 0.00	46.19 -4.13 0.00	43.60 -3.28 0.00	38.89 -2.97 0.00	36.81 -3.20 0.00	35.23 -3.15 0.00	34.52 -3.12 0.00	35.62 -3.22 0.00	40.05 -3.96 0.00	47.49 -5.04 0.00	58.09 -5.89 0.00	68.29 -8.01 0.00	56.84 -5.21 0.00	47.32 -4.11 0.00	41.53 -3.22 0.00	38.43 -2.54 0.00
LOCKPORT___CC1 323769	41.77 -2.48 0.00	39.01 -2.23 0.00	36.73 -2.06 0.00	36.63 -1.93 0.00	37.03 -1.83 0.00	42.82 -2.25 0.00	55.32 -2.91 0.00	74.56 -5.96 0.00	59.82 -4.78 0.00	46.20 -4.13 0.00	43.56 -3.33 0.00	38.89 -2.97 0.00	36.81 -3.20 0.00	35.23 -3.15 0.00	34.52 -3.12 0.00	35.62 -3.22 0.00	40.05 -3.96 0.00	47.49 -5.04 0.00	58.09 -5.88 0.00	68.21 -8.09 0.00	56.77 -5.27 0.00	47.32 -4.12 0.00	41.53 -3.22 0.00	38.43 -2.54 0.00
LOCKPORT___CC2 323770	41.77 -2.48 0.00	39.01 -2.23 0.00	36.73 -2.06 0.00	36.63 -1.93 0.00	37.03 -1.83 0.00	42.82 -2.25 0.00	55.32 -2.91 0.00	74.56 -5.96 0.00	59.82 -4.78 0.00	46.20 -4.13 0.00	43.56 -3.33 0.00	38.89 -2.97 0.00	36.81 -3.20 0.00	35.23 -3.15 0.00	34.52 -3.12 0.00	35.62 -3.22 0.00	40.05 -3.96 0.00	47.49 -5.04 0.00	58.09 -5.88 0.00	68.21 -8.09 0.00	56.77 -5.27 0.00	47.32 -4.12 0.00	41.53 -3.22 0.00	38.43 -2.54 0.00
LOCKPORT___CC3 323771	41.77 -2.48 0.00	39.01 -2.23 0.00	36.73 -2.06 0.00	36.63 -1.93 0.00	37.03 -1.83 0.00	42.82 -2.25 0.00	55.32 -2.91 0.00	74.56 -5.96 0.00	59.82 -4.78 0.00	46.20 -4.13 0.00	43.56 -3.33 0.00	38.89 -2.97 0.00	36.81 -3.20 0.00	35.23 -3.15 0.00	34.52 -3.12 0.00	35.62 -3.22 0.00	40.05 -3.96 0.00	47.49 -5.04 0.00	58.09 -5.88 0.00	68.21 -8.09 0.00	56.77 -5.27 0.00	47.32 -4.12 0.00	41.53 -3.22 0.00	38.43 -2.54 0.00
LONG_LAKE_PHOENIX 24014	42.65 -1.59 0.00	39.79 -1.44 0.00	37.50 -1.28 0.00	37.32 -1.23 0.00	37.61 -1.24 0.00	43.63 -1.44 0.00	56.37 -1.86 0.00	77.78 -2.74 0.00	62.33 -2.26 0.00	48.46 -1.86 0.00	45.10 -1.78 0.00	40.19 -1.67 0.00	38.41 -1.60 0.00	36.84 -1.54 0.00	36.14 -1.51 0.00	37.25 -1.59 0.00	42.07 -1.94 0.00	50.28 -2.26 0.00	61.35 -2.62 0.00	73.25 -3.05 0.00	59.75 -2.30 0.00	49.53 -1.90 0.00	43.01 -1.75 0.00	39.41 -1.56 0.00
LOVETT___3 23632	45.44 1.19 0.00	42.22 0.99 0.00	39.60 0.81 0.00	39.37 0.81 0.00	39.71 0.85 0.00	46.11 1.04 0.00	59.75 1.51 0.00	83.26 2.74 0.00	66.53 1.94 0.00	46.79 1.66 5.19	40.14 1.55 8.29	29.18 1.47 14.15	31.78 1.40 9.63	30.78 1.30 8.91	28.77 1.32 10.19	29.62 1.40 10.62	45.82 1.80 0.00	54.58 2.05 0.00	66.34 2.37 0.00	79.35 3.05 0.00	64.22 2.17 0.00	53.18 1.75 0.00	46.41 1.66 0.00	42.36 1.39 0.00
LOVETT___4 23642	45.44 1.19 0.00	42.22 0.99 0.00	39.60 0.81 0.00	39.37 0.81 0.00	39.71 0.85 0.00	46.11 1.04 0.00	59.75 1.51 0.00	83.26 2.74 0.00	66.53 1.94 0.00	46.79 1.66 5.19	40.14 1.55 8.29	29.18 1.47 14.15	31.78 1.40 9.63	30.78 1.30 8.91	28.77 1.32 10.19	29.62 1.40 10.62	45.82 1.80 0.00	54.58 2.05 0.00	66.34 2.37 0.00	79.35 3.05 0.00	64.22 2.17 0.00	53.18 1.75 0.00	46.41 1.66 0.00	42.36 1.39 0.00
LOVETT___5 23593	45.44 1.19 0.00	42.22 0.99 0.00	39.60 0.81 0.00	39.37 0.81 0.00	39.71 0.85 0.00	46.11 1.04 0.00	59.75 1.51 0.00	83.26 2.74 0.00	66.53 1.94 0.00	46.79 1.66 5.19	40.14 1.55 8.29	29.18 1.47 14.15	31.78 1.40 9.63	30.78 1.30 8.91	28.77 1.32 10.19	29.62 1.40 10.62	45.82 1.80 0.00	54.58 2.05 0.00	66.34 2.37 0.00	79.35 3.05 0.00	64.22 2.17 0.00	53.18 1.75 0.00	46.41 1.66 0.00	42.36 1.39 0.00
LOWER RAQUET___HYD 24057	44.64 0.40 0.00	41.56 0.33 0.00	39.13 0.35 0.00	38.90 0.35 0.00	39.16 0.31 0.00	45.52 0.45 0.00	58.82 0.58 0.00	81.24 0.72 0.00	65.63 1.03 0.00	50.82 0.50 0.00	47.30 0.42 0.00	42.24 0.38 0.00	40.45 0.44 0.00	38.76 0.38 0.00	38.02 0.38 0.00	39.12 0.27 0.00	44.41 0.40 0.00	53.22 0.68 0.00	64.99 1.02 0.00	77.22 0.92 0.00	63.04 0.99 0.00	52.15 0.72 0.00	45.11 0.36 0.00	41.22 0.25 0.00
LOWER___HUDSON 24059	45.88 1.64 0.00	42.76 1.53 0.00	40.14 1.36 0.00	39.87 1.31 0.00	40.18 1.32 0.00	46.74 1.67 0.00	60.22 1.98 0.00	83.34 2.82 0.00	66.79 2.20 0.00	52.96 1.86 -0.78	49.77 1.64 -1.24	45.49 1.50 -2.12	42.89 1.44 -1.44	41.09 1.38 -1.33	40.52 1.35 -1.53	41.88 1.44 -1.59	45.68 1.67 0.00	54.53 2.00 0.00	66.34 2.37 0.00	79.27 2.97 0.00	64.16 2.11 0.00	53.13 1.69 0.00	46.36 1.61 0.00	42.49 1.52 0.00
LOWVILLE_115KV_TB2 356335	44.33 0.09 0.00	41.23 0.00 0.00	38.86 0.08 0.00	38.59 0.04 0.00	38.82 -0.04 0.00	45.21 0.14 0.00	58.64 0.41 0.00	81.49 0.97 0.00	65.31 0.71 0.00	50.57 0.25 0.00	47.02 0.14 0.00	41.95 0.08 0.00	40.33 0.32 0.00	38.65 0.27 0.00	37.87 0.23 0.00	39.08 0.23 0.00	44.28 0.26 0.00	53.11 0.58 0.00	65.19 1.22 0.00	77.52 1.22 0.00	63.04 0.99 0.00	52.10 0.67 0.00	44.93 0.18 0.00	41.01 0.04 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	46.10 1.86 0.00	42.92 1.69 0.00	40.33 1.55 0.00	40.02 1.47 0.00	40.37 1.52 0.00	46.97 1.89 0.00	60.68 2.45 0.00	84.14 3.62 0.00	67.44 2.84 0.00	53.30 2.26 -0.72	49.95 1.92 -1.15	45.58 1.76 -1.95	42.94 1.60 -1.33	41.14 1.54 -1.23	40.52 1.47 -1.41	41.91 1.59 -1.47	45.90 1.89 0.00	54.79 2.26 0.00	66.79 2.81 0.00	79.89 3.59 0.00	64.72 2.67 0.00	53.54 2.11 0.00	46.68 1.92 0.00	42.73 1.76 0.00

LUTHERNY_35_KV_BK2 355980	46.10 1.86 0.00	42.96 1.73 0.00	40.33 1.55 0.00	40.06 1.50 0.00	40.41 1.55 0.00	46.97 1.89 0.00	60.74 2.50 0.00	84.22 3.70 0.00	67.50 2.91 0.00	53.35 2.31 -0.72	50.00 1.97 -1.15	45.58 1.76 -1.95	42.98 1.64 -1.33	41.14 1.54 -1.23	40.56 1.51 -1.41	41.91 1.59 -1.47	45.90 1.89 0.00	54.85 2.31 0.00	66.85 2.88 0.00	79.89 3.59 0.00	64.72 2.67 0.00	53.59 2.16 0.00	46.68 1.92 0.00	42.77 1.80 0.00
LWR___OSWEGATCHIE_HYD 23850	44.24 0.00 0.00	41.15 -0.08 0.00	38.78 0.00 0.00	38.52 -0.04 0.00	38.78 -0.08 0.00	45.12 0.05 0.00	58.47 0.23 0.00	81.00 0.48 0.00	65.11 0.52 0.00	50.42 0.10 0.00	46.88 0.00 0.00	41.86 0.00 0.00	40.13 0.12 0.00	38.46 0.08 0.00	37.68 0.04 0.00	38.81 -0.04 0.00	44.01 0.00 0.00	52.75 0.21 0.00	64.61 0.64 0.00	76.91 0.61 0.00	62.67 0.62 0.00	51.84 0.41 0.00	44.80 0.04 0.00	40.89 -0.08 0.00
LYONS_FALL_HYD 23570	44.60 0.35 0.00	41.52 0.29 0.00	39.09 0.31 0.00	38.83 0.27 0.00	39.05 0.20 0.00	45.43 0.36 0.00	58.99 0.76 0.00	81.97 1.45 0.00	65.76 1.16 0.00	50.97 0.65 0.00	47.40 0.52 0.00	42.28 0.42 0.00	40.53 0.52 0.00	38.84 0.46 0.00	38.06 0.41 0.00	39.28 0.43 0.00	44.50 0.49 0.00	53.32 0.79 0.00	65.25 1.28 0.00	77.75 1.45 0.00	63.17 1.12 0.00	52.25 0.82 0.00	45.20 0.45 0.00	41.30 0.33 0.00
MADISON___COUNTY_LFGE 323628	45.00 0.75 0.00	41.89 0.66 0.00	39.48 0.70 0.00	39.21 0.66 0.00	39.48 0.62 0.00	45.93 0.86 0.00	59.57 1.34 0.00	82.69 2.17 0.00	66.27 1.68 0.00	51.38 1.06 0.00	47.82 0.94 0.00	42.57 0.71 0.00	40.65 0.64 0.00	38.95 0.58 0.00	38.17 0.53 0.00	39.39 0.54 0.00	44.63 0.62 0.00	53.38 0.84 0.00	65.25 1.28 0.00	77.90 1.60 0.00	63.41 1.37 0.00	52.51 1.08 0.00	45.51 0.76 0.00	41.63 0.66 0.00
MALONE___115KV_TB1 356076	45.57 1.33 0.00	42.43 1.20 0.00	39.95 1.16 0.00	39.71 1.16 0.00	40.06 1.20 0.00	46.51 1.44 0.00	60.21 1.98 0.00	82.85 2.34 0.00	67.11 2.52 0.00	51.98 1.66 0.00	48.43 1.55 0.00	43.20 1.34 0.00	41.41 1.40 0.00	39.68 1.30 0.00	38.88 1.24 0.00	40.01 1.17 0.00	45.42 1.41 0.00	54.37 1.84 0.00	66.34 2.37 0.00	78.74 2.44 0.00	64.41 2.36 0.00	53.23 1.80 0.00	46.01 1.25 0.00	42.04 1.07 0.00
MAPLEWOD_115KV_TB3 80458	45.88 1.64 0.00	42.76 1.53 0.00	40.10 1.32 0.00	39.83 1.27 0.00	40.18 1.32 0.00	46.61 1.53 0.00	60.16 1.92 0.00	83.42 2.90 0.00	66.86 2.26 0.00	53.01 1.91 -0.77	49.85 1.73 -1.23	45.52 1.55 -2.11	42.97 1.52 -1.43	41.16 1.46 -1.33	40.59 1.43 -1.52	41.94 1.52 -1.58	45.73 1.72 0.00	54.58 2.05 0.00	66.34 2.37 0.00	79.28 2.98 0.00	64.22 2.17 0.00	53.23 1.80 0.00	46.41 1.66 0.00	42.53 1.56 0.00
MAPLE_RIDGE_WT_1 323574	44.07 -0.18 0.00	41.03 -0.21 0.00	38.55 -0.23 0.00	38.29 -0.27 0.00	38.54 -0.31 0.00	44.71 -0.36 0.00	57.71 -0.53 0.00	79.79 -0.73 0.00	64.15 -0.45 0.00	50.02 -0.30 0.00	46.70 -0.19 0.00	41.78 -0.08 0.00	40.01 0.00 0.00	38.46 0.08 0.00	37.72 0.08 0.00	38.96 0.12 0.00	44.19 0.18 0.00	52.80 0.26 0.00	64.23 0.26 0.00	76.30 0.00 0.00	61.99 -0.06 0.00	51.28 -0.15 0.00	44.49 -0.27 0.00	40.64 -0.33 0.00
MAPLE_RIDGE_WT_2 323611	44.07 -0.18 0.00	41.03 -0.21 0.00	38.55 -0.23 0.00	38.29 -0.27 0.00	38.54 -0.31 0.00	44.71 -0.36 0.00	57.71 -0.53 0.00	79.79 -0.73 0.00	64.15 -0.45 0.00	50.02 -0.30 0.00	46.70 -0.19 0.00	41.78 -0.08 0.00	40.01 0.00 0.00	38.46 0.08 0.00	37.72 0.08 0.00	38.96 0.12 0.00	44.19 0.18 0.00	52.80 0.26 0.00	64.23 0.26 0.00	76.30 0.00 0.00	61.99 -0.06 0.00	51.28 -0.15 0.00	44.49 -0.27 0.00	40.64 -0.33 0.00
MARBLE_RIVER_WT_PWR 323696	46.14 1.90 0.00	42.96 1.73 0.00	40.45 1.67 0.00	40.14 1.58 0.00	40.41 1.56 0.00	46.88 1.80 0.00	60.68 2.45 0.00	83.58 3.06 0.00	67.76 3.16 0.00	52.59 2.27 0.00	49.04 2.16 0.00	43.79 1.93 0.00	41.89 1.88 0.00	40.15 1.77 0.00	39.34 1.70 0.00	40.48 1.63 0.00	45.90 1.89 0.00	54.95 2.42 0.00	67.04 3.07 0.00	79.51 3.20 0.00	64.97 2.92 0.00	53.59 2.16 0.00	46.32 1.57 0.00	42.37 1.39 0.00
MARSHVLE_115KV_TB1 80742	46.76 2.52 0.00	43.46 2.23 0.00	40.91 2.13 0.00	40.60 2.04 0.00	40.88 2.02 0.00	47.73 2.66 0.00	62.02 3.79 0.00	85.83 5.31 0.00	68.47 3.88 0.00	53.21 2.42 -0.47	49.56 1.92 -0.75	44.53 1.38 -1.28	41.96 1.08 -0.87	40.38 1.19 -0.81	39.73 1.17 -0.92	41.01 1.20 -0.96	45.51 1.50 0.00	54.95 2.42 0.00	67.68 3.71 0.00	81.26 4.96 0.00	65.96 3.91 0.00	54.83 3.39 0.00	47.57 2.82 0.00	43.35 2.38 0.00
MARSH_HILL_WT_PWR 323713	43.36 -0.88 0.00	40.45 -0.78 0.00	38.16 -0.62 0.00	38.09 -0.46 0.00	38.54 -0.31 0.00	44.85 -0.22 0.00	58.65 0.41 0.00	79.87 -0.65 0.00	63.69 -0.90 0.00	48.86 -1.46 0.00	45.52 -1.36 0.00	40.40 -1.47 0.00	38.41 -1.60 0.00	36.80 -1.58 0.00	36.10 -1.54 0.00	37.25 -1.59 0.00	41.90 -2.11 0.00	50.28 -2.26 0.00	62.05 -1.92 0.00	73.86 -2.44 0.00	60.99 -1.06 0.00	50.51 -0.92 0.00	43.81 -0.94 0.00	40.31 -0.66 0.00
MCINTYRE_115KV_TB2 80467	45.66 1.42 0.00	42.51 1.28 0.00	40.02 1.24 0.00	39.79 1.23 0.00	40.06 1.20 0.00	46.61 1.53 0.00	60.33 2.10 0.00	83.18 2.66 0.00	67.05 2.45 0.00	51.83 1.51 0.00	48.24 1.36 0.00	43.03 1.17 0.00	41.13 1.12 0.00	39.42 1.04 0.00	38.66 1.02 0.00	39.78 0.93 0.00	45.20 1.19 0.00	54.22 1.68 0.00	66.34 2.37 0.00	79.05 2.75 0.00	64.53 2.48 0.00	53.44 2.01 0.00	46.19 1.43 0.00	42.20 1.23 0.00
MECO_____69_KV_BK1 80468	47.43 3.19 0.00	44.08 2.85 0.00	41.50 2.71 0.00	41.14 2.58 0.00	41.54 2.68 0.00	48.54 3.47 0.00	63.01 4.78 0.00	87.28 6.76 0.00	69.63 5.04 0.00	54.34 3.47 -0.55	50.53 2.77 -0.88	45.66 2.30 -1.50	42.99 1.96 -1.02	41.28 1.96 -0.94	40.68 1.96 -1.08	42.07 2.10 -1.12	46.56 2.55 0.00	56.06 3.52 0.00	68.90 4.93 0.00	82.71 6.41 0.00	67.14 5.09 0.00	55.55 4.11 0.00	48.24 3.49 0.00	43.96 2.99 0.00
MENANDS___115KV_TB5 355628	45.79 1.55 0.00	42.68 1.44 0.00	40.02 1.24 0.00	39.79 1.23 0.00	40.10 1.24 0.00	46.51 1.44 0.00	60.04 1.81 0.00	83.26 2.74 0.00	66.73 2.13 0.00	52.96 1.86 -0.78	49.76 1.64 -1.24	45.48 1.51 -2.12	42.93 1.48 -1.44	41.13 1.42 -1.33	40.56 1.39 -1.52	41.91 1.48 -1.59	45.68 1.67 0.00	54.48 1.94 0.00	66.21 2.24 0.00	79.05 2.75 0.00	64.03 1.99 0.00	53.08 1.65 0.00	46.32 1.57 0.00	42.45 1.47 0.00
MG INDUSTRY___DRP 24185	45.75 1.50 0.00	42.63 1.40 0.00	40.06 1.28 0.00	39.79 1.23 0.00	40.10 1.24 0.00	46.51 1.44 0.00	60.04 1.81 0.00	83.10 2.58 0.00	66.53 1.94 0.00	52.63 1.61 -0.70	49.41 1.41 -1.12	44.98 1.21 -1.90	42.47 1.16 -1.29	40.69 1.11 -1.20	40.10 1.09 -1.37	41.44 1.17 -1.43	45.33 1.32 0.00	54.22 1.68 0.00	65.96 1.98 0.00	78.82 2.52 0.00	63.91 1.86 0.00	52.98 1.54 0.00	46.23 1.48 0.00	42.36 1.39 0.00

MID___OSWEGATCHIE_HYD 23849	44.24 0.00 0.00	41.15 -0.08 0.00	38.78 0.00 0.00	38.52 -0.04 0.00	38.78 -0.08 0.00	45.12 0.05 0.00	58.47 0.23 0.00	81.00 0.48 0.00	65.11 0.52 0.00	50.42 0.10 0.00	46.88 0.00 0.00	41.86 0.00 0.00	40.13 0.12 0.00	38.46 0.08 0.00	37.68 0.04 0.00	38.81 -0.04 0.00	44.01 0.00 0.00	52.75 0.21 0.00	64.61 0.64 0.00	76.91 0.61 0.00	62.67 0.62 0.00	51.84 0.41 0.00	44.80 0.04 0.00	40.89 -0.08 0.00
MID___RAQUETTE_HYD 23851	44.64 0.40 0.00	41.56 0.33 0.00	39.13 0.35 0.00	38.86 0.31 0.00	39.17 0.31 0.00	45.48 0.41 0.00	58.88 0.64 0.00	81.24 0.72 0.00	65.63 1.03 0.00	50.82 0.50 0.00	47.31 0.42 0.00	42.24 0.38 0.00	40.45 0.44 0.00	38.76 0.38 0.00	38.02 0.38 0.00	39.12 0.27 0.00	44.41 0.40 0.00	53.22 0.68 0.00	65.00 1.02 0.00	77.22 0.92 0.00	63.04 0.99 0.00	52.15 0.72 0.00	45.11 0.36 0.00	41.22 0.25 0.00
MILLIKEN___1 23584	44.29 0.04 0.00	41.27 0.04 0.00	38.94 0.16 0.00	38.75 0.19 0.00	39.05 0.19 0.00	45.39 0.32 0.00	58.93 0.70 0.00	81.24 0.72 0.00	65.05 0.45 0.00	50.37 0.05 0.00	46.84 -0.05 0.00	41.61 -0.25 0.00	39.69 -0.32 0.00	38.03 -0.35 0.00	37.27 -0.38 0.00	38.50 -0.35 0.00	43.57 -0.44 0.00	52.17 -0.37 0.00	63.84 -0.13 0.00	76.30 0.00 0.00	62.36 0.31 0.00	51.59 0.15 0.00	44.75 0.00 0.00	40.97 0.00 0.00
MILLIKEN___2 23585	44.29 0.04 0.00	41.27 0.04 0.00	38.94 0.16 0.00	38.75 0.19 0.00	39.05 0.19 0.00	45.39 0.32 0.00	58.93 0.70 0.00	81.24 0.72 0.00	65.05 0.45 0.00	50.37 0.05 0.00	46.84 -0.05 0.00	41.61 -0.25 0.00	39.69 -0.32 0.00	38.03 -0.35 0.00	37.27 -0.38 0.00	38.50 -0.35 0.00	43.57 -0.44 0.00	52.17 -0.37 0.00	63.84 -0.13 0.00	76.30 0.00 0.00	62.36 0.31 0.00	51.59 0.15 0.00	44.75 0.00 0.00	40.97 0.00 0.00
MILLIKEN___DIESEL 23629	44.29 0.04 0.00	41.27 0.04 0.00	38.94 0.16 0.00	38.75 0.19 0.00	39.05 0.19 0.00	45.39 0.32 0.00	58.93 0.70 0.00	81.24 0.72 0.00	65.05 0.45 0.00	50.37 0.05 0.00	46.84 -0.05 0.00	41.61 -0.25 0.00	39.69 -0.32 0.00	38.03 -0.35 0.00	37.27 -0.38 0.00	38.50 -0.35 0.00	43.57 -0.44 0.00	52.17 -0.37 0.00	63.84 -0.13 0.00	76.30 0.00 0.00	62.36 0.31 0.00	51.59 0.15 0.00	44.75 0.00 0.00	40.97 0.00 0.00
MILLSEAT___LFGE 323607	42.69 -1.55 0.00	39.87 -1.36 0.00	37.54 -1.24 0.00	37.44 -1.12 0.00	37.84 -1.01 0.00	43.86 -1.21 0.00	56.90 -1.34 0.00	77.06 -3.46 0.00	61.82 -2.78 0.00	47.50 -2.82 0.00	44.73 -2.16 0.00	39.81 -2.05 0.00	37.65 -2.36 0.00	36.08 -2.30 0.00	35.27 -2.37 0.00	36.44 -2.41 0.00	41.02 -2.99 0.00	48.86 -3.68 0.00	60.01 -3.97 0.00	70.81 -5.49 0.00	58.70 -3.35 0.00	48.86 -2.57 0.00	42.65 -2.10 0.00	39.29 -1.68 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	45.61 1.37 0.00	42.39 1.15 0.00	39.75 0.97 0.00	39.52 0.96 0.00	39.87 1.01 0.00	46.29 1.22 0.00	59.92 1.69 0.00	83.66 3.14 0.00	66.86 2.26 0.00	63.29 1.91 -11.05	66.32 1.78 -17.66	73.66 1.67 -30.12	62.11 1.60 -20.50	58.84 1.50 -18.96	60.85 1.51 -21.70	63.05 1.59 -22.61	46.04 2.02 0.00	54.85 2.31 0.00	66.66 2.69 0.00	79.66 3.36 0.00	64.47 2.42 0.00	53.44 2.01 0.00	46.63 1.88 0.00	42.53 1.56 0.00
MILLWOOD_13_KV_LOAD 356217	45.70 1.46 0.00	42.47 1.24 0.00	39.83 1.05 0.00	39.60 1.04 0.00	39.94 1.09 0.00	46.42 1.35 0.00	60.10 1.86 0.00	83.82 3.30 0.00	67.05 2.45 0.00	63.44 2.06 -11.05	66.46 1.92 -17.66	73.79 1.80 -30.12	62.19 1.68 -20.50	58.91 1.57 -18.96	60.92 1.58 -21.70	63.13 1.67 -22.61	46.12 2.11 0.00	55.00 2.47 0.00	66.85 2.88 0.00	79.89 3.59 0.00	64.59 2.54 0.00	53.54 2.11 0.00	46.72 1.97 0.00	42.61 1.64 0.00
MODEL_CITY_ENERGY 24167	41.32 -2.92 0.00	38.64 -2.60 0.00	36.38 -2.40 0.00	36.28 -2.27 0.00	36.64 -2.21 0.00	42.37 -2.70 0.00	54.68 -3.55 0.00	73.68 -6.84 0.00	59.17 -5.43 0.00	45.69 -4.63 0.00	43.13 -3.75 0.00	38.47 -3.39 0.00	36.41 -3.60 0.00	34.89 -3.49 0.00	34.14 -3.50 0.00	35.27 -3.57 0.00	39.65 -4.36 0.00	46.97 -5.57 0.00	57.38 -6.59 0.00	67.37 -8.93 0.00	56.09 -5.96 0.00	46.75 -4.68 0.00	41.08 -3.67 0.00	38.02 -2.95 0.00
MODERN_LFGE___ 323580	41.32 -2.92 0.00	38.64 -2.60 0.00	36.38 -2.40 0.00	36.28 -2.27 0.00	36.64 -2.21 0.00	42.37 -2.70 0.00	54.68 -3.55 0.00	73.68 -6.84 0.00	59.17 -5.43 0.00	45.69 -4.63 0.00	43.13 -3.75 0.00	38.47 -3.39 0.00	36.41 -3.60 0.00	34.89 -3.49 0.00	34.14 -3.50 0.00	35.27 -3.57 0.00	39.65 -4.36 0.00	46.97 -5.57 0.00	57.38 -6.59 0.00	67.37 -8.93 0.00	56.09 -5.96 0.00	46.75 -4.68 0.00	41.08 -3.67 0.00	38.02 -2.95 0.00
MOHAWK_PAPER___DRP 24187	45.88 1.64 0.00	42.76 1.53 0.00	40.10 1.32 0.00	39.83 1.27 0.00	40.18 1.32 0.00	46.61 1.53 0.00	60.16 1.92 0.00	83.42 2.90 0.00	66.86 2.26 0.00	53.01 1.91 -0.77	49.85 1.73 -1.23	45.52 1.55 -2.11	42.97 1.52 -1.43	41.16 1.46 -1.33	40.59 1.43 -1.52	41.94 1.52 -1.58	45.73 1.72 0.00	54.58 2.05 0.00	66.34 2.37 0.00	79.28 2.98 0.00	64.22 2.17 0.00	53.23 1.80 0.00	46.41 1.66 0.00	42.53 1.56 0.00
MOHICAN___35_KV_115KV_LD 80490	46.19 1.95 0.00	42.96 1.73 0.00	40.41 1.63 0.00	40.06 1.50 0.00	40.45 1.59 0.00	47.19 2.12 0.00	61.03 2.80 0.00	84.71 4.19 0.00	67.89 3.29 0.00	53.61 2.57 -0.72	50.10 2.06 -1.16	45.72 1.88 -1.97	43.07 1.72 -1.34	41.19 1.57 -1.24	40.53 1.47 -1.42	41.96 1.63 -1.48	45.95 1.94 0.00	54.90 2.36 0.00	66.92 2.94 0.00	80.19 3.89 0.00	64.90 2.85 0.00	53.59 2.16 0.00	46.72 1.97 0.00	42.77 1.80 0.00
MONGAUP___HYD 23641	45.66 1.42 0.00	42.43 1.20 0.00	39.87 1.08 0.00	39.67 1.12 0.00	39.94 1.09 0.00	46.51 1.44 0.00	59.81 1.57 0.00	82.29 1.77 0.00	65.69 1.10 0.00	47.13 1.41 4.59	40.67 1.12 7.34	30.34 1.00 12.52	32.41 0.92 8.52	31.38 0.88 7.88	29.56 0.94 9.02	30.53 1.09 9.40	45.64 1.63 0.00	54.17 1.63 0.00	66.15 2.18 0.00	79.20 2.90 0.00	64.22 2.17 0.00	53.13 1.69 0.00	46.55 1.79 0.00	42.44 1.47 0.00
MONTAUK___DIESEL 23721	46.41 2.17 0.00	42.80 1.57 0.00	39.98 1.20 0.00	39.79 1.23 0.00	39.87 1.01 0.00	45.93 0.86 0.00	59.22 0.99 0.00	83.42 2.90 0.00	66.40 1.81 0.00	54.38 1.31 -2.76	51.80 0.52 -4.40	50.04 0.67 -7.51	46.04 0.92 -5.11	43.76 0.65 -4.73	43.99 0.94 -5.41	45.65 1.17 -5.64	46.21 2.20 0.00	54.90 2.36 0.00	66.98 3.01 0.00	80.27 3.97 0.00	64.22 2.17 0.00	53.18 1.75 0.00	46.95 2.19 0.00	43.10 2.13 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	43.58 -0.66 0.00	41.03 -0.21 0.00	38.82 0.04 0.00	38.86 0.31 0.00	39.28 0.43 0.00	45.70 0.63 0.00	59.81 1.57 0.00	80.68 0.16 0.00	64.66 0.06 0.00	49.92 -0.40 0.00	46.98 0.09 0.00	41.82 -0.04 0.00	39.57 -0.44 0.00	37.84 -0.54 0.00	37.04 -0.60 0.00	38.23 -0.62 0.00	42.69 -1.32 0.00	50.91 -1.63 0.00	62.37 -1.60 0.00	73.71 -2.59 0.00	61.30 -0.74 0.00	50.87 -0.57 0.00	44.48 -0.27 0.00	41.14 0.16 0.00

MORRIS_RIDGE___SOLAR 323848	42.65 -1.59 0.00	39.83 -1.40 0.00	37.54 -1.24 0.00	37.48 -1.08 0.00	37.89 -0.97 0.00	43.99 -1.08 0.00	57.24 -0.99 0.00	77.86 -2.66 0.00	61.94 -2.65 0.00	47.50 -2.82 0.00	44.35 -2.53 0.00	39.48 -2.38 0.00	37.53 -2.48 0.00	35.96 -2.42 0.00	35.31 -2.33 0.00	36.40 -2.45 0.00	40.89 -3.12 0.00	48.91 -3.62 0.00	60.45 -3.52 0.00	71.87 -4.43 0.00	59.38 -2.67 0.00	49.28 -2.16 0.00	42.88 -1.88 0.00	39.54 -1.44 0.00
MORTIMER_115KV_TB3 55949	42.34 -1.90 0.00	39.67 -1.57 0.00	37.42 -1.36 0.00	37.32 -1.23 0.00	37.65 -1.20 0.00	43.72 -1.35 0.00	56.43 -1.81 0.00	76.90 -3.62 0.00	61.82 -2.78 0.00	47.85 -2.47 0.00	44.91 -1.97 0.00	39.98 -1.88 0.00	37.97 -2.04 0.00	36.38 -2.00 0.00	35.61 -2.03 0.00	36.79 -2.06 0.00	41.46 -2.55 0.00	49.44 -3.10 0.00	60.52 -3.45 0.00	71.65 -4.65 0.00	58.95 -3.10 0.00	49.02 -2.42 0.00	42.69 -2.06 0.00	39.21 -1.76 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	45.92 1.68 0.00	42.63 1.40 0.00	39.95 1.16 0.00	39.71 1.16 0.00	40.10 1.24 0.00	46.56 1.49 0.00	60.27 2.04 0.00	84.30 3.78 0.00	67.44 2.84 0.00	55.43 2.37 -2.74	53.51 2.25 -4.38	51.43 2.09 -7.47	47.14 2.04 -5.09	44.96 1.88 -4.70	44.91 1.88 -5.38	46.48 2.02 -5.61	46.52 2.51 0.00	55.43 2.89 0.00	67.23 3.26 0.00	80.35 4.04 0.00	64.90 2.85 0.00	53.85 2.42 0.00	47.04 2.28 0.00	42.90 1.93 0.00
MUNSVILLE_WIND_PWR 323609	46.76 2.52 0.00	43.46 2.23 0.00	40.95 2.17 0.00	40.67 2.12 0.00	40.84 1.98 0.00	47.73 2.66 0.00	62.66 4.42 0.00	87.28 6.76 0.00	69.76 5.17 0.00	53.69 3.37 0.00	49.65 2.77 0.00	44.12 2.26 0.00	41.81 1.80 0.00	40.03 1.65 0.00	39.22 1.58 0.00	40.55 1.71 0.00	45.90 1.89 0.00	55.27 2.73 0.00	68.07 4.10 0.00	81.56 5.26 0.00	66.39 4.34 0.00	54.83 3.39 0.00	47.26 2.50 0.00	43.18 2.21 0.00
N SALMON___HYD 24042	45.62 1.37 0.00	42.47 1.24 0.00	39.94 1.16 0.00	39.71 1.16 0.00	40.06 1.21 0.00	46.51 1.44 0.00	60.15 1.92 0.00	82.86 2.34 0.00	67.11 2.52 0.00	51.98 1.66 0.00	48.43 1.54 0.00	43.20 1.34 0.00	41.41 1.40 0.00	39.68 1.31 0.00	38.88 1.24 0.00	40.01 1.16 0.00	45.42 1.41 0.00	54.37 1.84 0.00	66.34 2.37 0.00	78.74 2.44 0.00	64.41 2.36 0.00	53.23 1.80 0.00	46.00 1.25 0.00	42.04 1.06 0.00
N.AKRON__115KV_KNAPP 355671	42.21 -2.04 0.00	39.75 -1.48 0.00	37.50 -1.28 0.00	37.44 -1.12 0.00	37.81 -1.05 0.00	43.90 -1.17 0.00	56.72 -1.51 0.00	76.57 -3.95 0.00	61.56 -3.04 0.00	47.40 -2.92 0.00	44.59 -2.30 0.00	39.73 -2.13 0.00	37.57 -2.44 0.00	35.96 -2.42 0.00	35.20 -2.45 0.00	36.36 -2.49 0.00	40.89 -3.12 0.00	48.70 -3.84 0.00	59.75 -4.22 0.00	70.43 -5.88 0.00	58.45 -3.60 0.00	48.60 -2.83 0.00	42.52 -2.24 0.00	39.21 -1.76 0.00
N.BELMOR_69_KV_BK1 55787	46.37 2.12 0.00	42.92 1.69 0.00	40.22 1.43 0.00	39.98 1.43 0.00	40.25 1.40 0.00	46.92 1.85 0.00	60.27 2.04 0.00	84.38 3.86 0.00	67.44 2.84 0.00	55.59 2.52 -2.76	53.54 2.25 -4.40	51.59 2.22 -7.51	47.28 2.16 -5.11	45.06 1.96 -4.73	45.16 2.11 -5.41	46.78 2.29 -5.64	47.09 3.08 0.00	55.85 3.31 0.00	67.87 3.90 0.00	81.11 4.81 0.00	65.40 3.35 0.00	54.31 2.88 0.00	47.66 2.91 0.00	43.39 2.42 0.00
N.E_GEN_SANDY PD 24062	45.79 1.55 0.00	42.68 1.44 0.00	40.02 1.24 0.00	39.79 1.23 0.00	40.06 1.21 0.00	46.56 1.49 0.00	59.98 1.75 0.00	83.17 2.65 0.00	66.60 2.00 0.00	53.43 1.81 -1.30	50.60 1.64 -2.08	46.91 1.50 -3.55	43.90 1.48 -2.41	42.03 1.42 -2.23	41.59 1.39 -2.55	42.98 1.48 -2.66	45.77 1.76 0.00	54.58 2.05 0.00	66.27 2.30 0.00	79.20 2.90 0.00	63.97 1.93 0.00	53.08 1.65 0.00	46.36 1.61 0.00	42.44 1.47 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	45.44 1.19 0.00	42.26 1.03 0.00	39.63 0.85 0.00	39.40 0.85 0.00	39.75 0.89 0.00	46.15 1.08 0.00	59.81 1.57 0.00	83.42 2.90 0.00	66.60 2.00 0.00	46.77 1.71 5.26	40.07 1.59 8.41	29.02 1.51 14.35	31.65 1.40 9.76	30.65 1.30 9.03	28.66 1.36 10.34	29.51 1.44 10.77	45.86 1.85 0.00	54.64 2.10 0.00	66.47 2.49 0.00	79.43 3.13 0.00	64.28 2.23 0.00	53.28 1.85 0.00	46.45 1.70 0.00	42.41 1.43 0.00
N.QUEENS_27_KV_LOAD 356247	46.06 1.81 0.00	42.68 1.44 0.00	39.95 1.16 0.00	39.71 1.16 0.00	40.06 1.20 0.00	46.42 1.35 0.00	59.92 1.69 0.00	83.98 3.46 0.00	67.18 2.58 0.00	55.33 2.26 -2.74	53.47 2.20 -4.38	51.39 2.05 -7.48	47.14 2.04 -5.09	45.01 1.92 -4.71	44.95 1.92 -5.39	46.48 2.02 -5.61	46.56 2.55 0.00	55.37 2.84 0.00	66.98 3.01 0.00	80.04 3.74 0.00	64.65 2.61 0.00	53.70 2.26 0.00	46.99 2.24 0.00	43.02 2.05 0.00
N.TROY___115KV_TB1 355778	45.79 1.55 0.00	42.72 1.48 0.00	40.06 1.28 0.00	39.79 1.23 0.00	40.10 1.24 0.00	46.56 1.49 0.00	60.16 1.92 0.00	83.42 2.90 0.00	66.79 2.20 0.00	52.96 1.86 -0.78	49.77 1.64 -1.24	45.49 1.51 -2.12	42.89 1.44 -1.44	41.09 1.38 -1.33	40.52 1.36 -1.53	41.88 1.44 -1.59	45.68 1.67 0.00	54.53 2.00 0.00	66.34 2.37 0.00	79.28 2.98 0.00	64.16 2.11 0.00	53.13 1.70 0.00	46.36 1.61 0.00	42.49 1.52 0.00
NARROWS_GT1_1 24228	56.33 2.30 -9.79	55.56 1.94 -12.39	40.54 1.75 -0.01	40.30 1.74 -0.01	40.61 1.75 -0.01	55.58 2.07 -8.43	60.79 2.56 0.00	84.78 4.26 0.00	67.76 3.16 0.00	57.15 2.82 -4.01	57.88 2.72 -8.28	57.06 2.51 -12.69	57.09 2.48 -14.60	57.04 2.30 -16.36	57.04 2.33 -17.06	57.05 2.45 -15.75	57.86 2.99 -10.86	61.29 3.41 -5.35	67.55 3.58 0.00	80.80 4.50 0.00	65.27 3.22 0.00	60.38 2.88 -6.06	57.74 2.73 -10.25	56.19 2.42 -12.81
NARROWS_GT1_2 24229	56.33 2.30 -9.79	55.56 1.94 -12.39	40.54 1.75 -0.01	40.30 1.74 -0.01	40.61 1.75 -0.01	55.58 2.07 -8.43	60.79 2.56 0.00	84.78 4.26 0.00	67.76 3.16 0.00	57.15 2.82 -4.01	57.88 2.72 -8.28	57.06 2.51 -12.69	57.09 2.48 -14.60	57.04 2.30 -16.36	57.04 2.33 -17.06	57.05 2.45 -15.75	57.86 2.99 -10.86	61.29 3.41 -5.35	67.55 3.58 0.00	80.80 4.50 0.00	65.27 3.22 0.00	60.38 2.88 -6.06	57.74 2.73 -10.25	56.19 2.42 -12.81
NARROWS_GT1_3 24230	56.33 2.30 -9.79	55.56 1.94 -12.39	40.54 1.75 -0.01	40.30 1.74 -0.01	40.61 1.75 -0.01	55.58 2.07 -8.43	60.79 2.56 0.00	84.78 4.26 0.00	67.76 3.16 0.00	57.15 2.82 -4.01	57.88 2.72 -8.28	57.06 2.51 -12.69	57.09 2.48 -14.60	57.04 2.30 -16.36	57.04 2.33 -17.06	57.05 2.45 -15.75	57.86 2.99 -10.86	61.29 3.41 -5.35	67.55 3.58 0.00	80.80 4.50 0.00	65.27 3.22 0.00	60.38 2.88 -6.06	57.74 2.73 -10.25	56.19 2.42 -12.81
NARROWS_GT1_4 24231	56.33 2.30 -9.79	55.56 1.94 -12.39	40.54 1.75 -0.01	40.30 1.74 -0.01	40.61 1.75 -0.01	55.58 2.07 -8.43	60.79 2.56 0.00	84.78 4.26 0.00	67.76 3.16 0.00	57.15 2.82 -4.01	57.88 2.72 -8.28	57.06 2.51 -12.69	57.09 2.48 -14.60	57.04 2.30 -16.36	57.04 2.33 -17.06	57.05 2.45 -15.75	57.86 2.99 -10.86	61.29 3.41 -5.35	67.55 3.58 0.00	80.80 4.50 0.00	65.27 3.22 0.00	60.38 2.88 -6.06	57.74 2.73 -10.25	56.19 2.42 -12.81

NARROWS_GT1_5 24232	56.33 2.30 -9.79	55.56 1.94 -12.39	40.54 1.75 -0.01	40.30 1.74 -0.01	40.61 1.75 -0.01	55.58 2.07 -8.43	60.79 2.56 0.00	84.78 4.26 0.00	67.76 3.16 0.00	57.15 2.82 -4.01	57.88 2.72 -8.28	57.06 2.51 -12.69	57.09 2.48 -14.60	57.04 2.30 -16.36	57.04 2.33 -17.06	57.05 2.45 -15.75	57.86 2.99 -10.86	61.29 3.41 -5.35	67.55 3.58 0.00	80.80 4.50 0.00	65.27 3.22 0.00	60.38 2.88 -6.06	57.74 2.73 -10.25	56.19 2.42 -12.81
NARROWS_GT1_6 24233	56.33 2.30 -9.79	55.56 1.94 -12.39	40.54 1.75 -0.01	40.30 1.74 -0.01	40.61 1.75 -0.01	55.58 2.07 -8.43	60.79 2.56 0.00	84.78 4.26 0.00	67.76 3.16 0.00	57.15 2.82 -4.01	57.88 2.72 -8.28	57.06 2.51 -12.69	57.09 2.48 -14.60	57.04 2.30 -16.36	57.04 2.33 -17.06	57.05 2.45 -15.75	57.86 2.99 -10.86	61.29 3.41 -5.35	67.55 3.58 0.00	80.80 4.50 0.00	65.27 3.22 0.00	60.38 2.88 -6.06	57.74 2.73 -10.25	56.19 2.42 -12.81
NARROWS_GT1_7 24234	56.33 2.30 -9.79	55.56 1.94 -12.39	40.54 1.75 -0.01	40.30 1.74 -0.01	40.61 1.75 -0.01	55.58 2.07 -8.43	60.79 2.56 0.00	84.78 4.26 0.00	67.76 3.16 0.00	57.15 2.82 -4.01	57.88 2.72 -8.28	57.06 2.51 -12.69	57.09 2.48 -14.60	57.04 2.30 -16.36	57.04 2.33 -17.06	57.05 2.45 -15.75	57.86 2.99 -10.86	61.29 3.41 -5.35	67.55 3.58 0.00	80.80 4.50 0.00	65.27 3.22 0.00	60.38 2.88 -6.06	57.74 2.73 -10.25	56.19 2.42 -12.81
NARROWS_GT1_8 24235	56.33 2.30 -9.79	55.56 1.94 -12.39	40.54 1.75 -0.01	40.30 1.74 -0.01	40.61 1.75 -0.01	55.58 2.07 -8.43	60.79 2.56 0.00	84.78 4.26 0.00	67.76 3.16 0.00	57.15 2.82 -4.01	57.88 2.72 -8.28	57.06 2.51 -12.69	57.09 2.48 -14.60	57.04 2.30 -16.36	57.04 2.33 -17.06	57.05 2.45 -15.75	57.86 2.99 -10.86	61.29 3.41 -5.35	67.55 3.58 0.00	80.80 4.50 0.00	65.27 3.22 0.00	60.38 2.88 -6.06	57.74 2.73 -10.25	56.19 2.42 -12.81
NARROWS_GT2_1 24236	56.33 2.30 -9.79	55.56 1.94 -12.39	40.54 1.75 -0.01	40.30 1.74 -0.01	40.61 1.75 -0.01	55.58 2.07 -8.43	60.79 2.56 0.00	84.78 4.26 0.00	67.76 3.16 0.00	57.15 2.82 -4.01	57.88 2.72 -8.28	57.06 2.51 -12.69	57.09 2.48 -14.60	57.04 2.30 -16.36	57.04 2.33 -17.06	57.05 2.45 -15.75	57.86 2.99 -10.86	61.29 3.41 -5.35	67.55 3.58 0.00	80.80 4.50 0.00	65.27 3.22 0.00	60.38 2.88 -6.06	57.74 2.73 -10.25	56.19 2.42 -12.81
NARROWS_GT2_2 24237	56.33 2.30 -9.79	55.56 1.94 -12.39	40.54 1.75 -0.01	40.30 1.74 -0.01	40.61 1.75 -0.01	55.58 2.07 -8.43	60.79 2.56 0.00	84.78 4.26 0.00	67.76 3.16 0.00	57.15 2.82 -4.01	57.88 2.72 -8.28	57.06 2.51 -12.69	57.09 2.48 -14.60	57.04 2.30 -16.36	57.04 2.33 -17.06	57.05 2.45 -15.75	57.86 2.99 -10.86	61.29 3.41 -5.35	67.55 3.58 0.00	80.80 4.50 0.00	65.27 3.22 0.00	60.38 2.88 -6.06	57.74 2.73 -10.25	56.19 2.42 -12.81
NARROWS_GT2_3 24238	56.33 2.30 -9.79	55.56 1.94 -12.39	40.54 1.75 -0.01	40.30 1.74 -0.01	40.61 1.75 -0.01	55.58 2.07 -8.43	60.79 2.56 0.00	84.78 4.26 0.00	67.76 3.16 0.00	57.15 2.82 -4.01	57.88 2.72 -8.28	57.06 2.51 -12.69	57.09 2.48 -14.60	57.04 2.30 -16.36	57.04 2.33 -17.06	57.05 2.45 -15.75	57.86 2.99 -10.86	61.29 3.41 -5.35	67.55 3.58 0.00	80.80 4.50 0.00	65.27 3.22 0.00	60.38 2.88 -6.06	57.74 2.73 -10.25	56.19 2.42 -12.81
NARROWS_GT2_4 24239	56.33 2.30 -9.79	55.56 1.94 -12.39	40.54 1.75 -0.01	40.30 1.74 -0.01	40.61 1.75 -0.01	55.58 2.07 -8.43	60.79 2.56 0.00	84.78 4.26 0.00	67.76 3.16 0.00	57.15 2.82 -4.01	57.88 2.72 -8.28	57.06 2.51 -12.69	57.09 2.48 -14.60	57.04 2.30 -16.36	57.04 2.33 -17.06	57.05 2.45 -15.75	57.86 2.99 -10.86	61.29 3.41 -5.35	67.55 3.58 0.00	80.80 4.50 0.00	65.27 3.22 0.00	60.38 2.88 -6.06	57.74 2.73 -10.25	56.19 2.42 -12.81
NARROWS_GT2_5 24240	56.33 2.30 -9.79	55.56 1.94 -12.39	40.54 1.75 -0.01	40.30 1.74 -0.01	40.61 1.75 -0.01	55.58 2.07 -8.43	60.79 2.56 0.00	84.78 4.26 0.00	67.76 3.16 0.00	57.15 2.82 -4.01	57.88 2.72 -8.28	57.06 2.51 -12.69	57.09 2.48 -14.60	57.04 2.30 -16.36	57.04 2.33 -17.06	57.05 2.45 -15.75	57.86 2.99 -10.86	61.29 3.41 -5.35	67.55 3.58 0.00	80.80 4.50 0.00	65.27 3.22 0.00	60.38 2.88 -6.06	57.74 2.73 -10.25	56.19 2.42 -12.81
NARROWS_GT2_6 24241	56.33 2.30 -9.79	55.56 1.94 -12.39	40.54 1.75 -0.01	40.30 1.74 -0.01	40.61 1.75 -0.01	55.58 2.07 -8.43	60.79 2.56 0.00	84.78 4.26 0.00	67.76 3.16 0.00	57.15 2.82 -4.01	57.88 2.72 -8.28	57.06 2.51 -12.69	57.09 2.48 -14.60	57.04 2.30 -16.36	57.04 2.33 -17.06	57.05 2.45 -15.75	57.86 2.99 -10.86	61.29 3.41 -5.35	67.55 3.58 0.00	80.80 4.50 0.00	65.27 3.22 0.00	60.38 2.88 -6.06	57.74 2.73 -10.25	56.19 2.42 -12.81
NARROWS_GT2_7 24242	56.33 2.30 -9.79	55.56 1.94 -12.39	40.54 1.75 -0.01	40.30 1.74 -0.01	40.61 1.75 -0.01	55.58 2.07 -8.43	60.79 2.56 0.00	84.78 4.26 0.00	67.76 3.16 0.00	57.15 2.82 -4.01	57.88 2.72 -8.28	57.06 2.51 -12.69	57.09 2.48 -14.60	57.04 2.30 -16.36	57.04 2.33 -17.06	57.05 2.45 -15.75	57.86 2.99 -10.86	61.29 3.41 -5.35	67.55 3.58 0.00	80.80 4.50 0.00	65.27 3.22 0.00	60.38 2.88 -6.06	57.74 2.73 -10.25	56.19 2.42 -12.81
NARROWS_GT2_8 24243	56.33 2.30 -9.79	55.56 1.94 -12.39	40.54 1.75 -0.01	40.30 1.74 -0.01	40.61 1.75 -0.01	55.58 2.07 -8.43	60.79 2.56 0.00	84.78 4.26 0.00	67.76 3.16 0.00	57.15 2.82 -4.01	57.88 2.72 -8.28	57.06 2.51 -12.69	57.09 2.48 -14.60	57.04 2.30 -16.36	57.04 2.33 -17.06	57.05 2.45 -15.75	57.86 2.99 -10.86	61.29 3.41 -5.35	67.55 3.58 0.00	80.80 4.50 0.00	65.27 3.22 0.00	60.38 2.88 -6.06	57.74 2.73 -10.25	56.19 2.42 -12.81
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	46.68 2.43 0.00	43.50 2.27 0.00	40.84 2.06 0.00	40.60 2.04 0.00	40.91 2.06 0.00	47.55 2.48 0.00	61.61 3.38 0.00	85.27 4.75 0.00	68.15 3.55 0.00	53.73 2.87 -0.54	50.13 2.39 -0.86	45.42 2.09 -1.46	42.93 1.92 -1.00	41.10 1.80 -0.92	40.43 1.73 -1.05	41.81 1.86 -1.10	46.04 2.02 0.00	55.16 2.63 0.00	67.49 3.52 0.00	80.73 4.43 0.00	65.52 3.47 0.00	54.16 2.73 0.00	47.17 2.42 0.00	43.23 2.25 0.00
NCHELSEA_115KV_TR2 355582	45.88 1.64 0.00	42.63 1.40 0.00	40.02 1.24 0.00	39.79 1.23 0.00	40.10 1.24 0.00	46.65 1.58 0.00	60.45 2.21 0.00	84.46 3.95 0.00	67.50 2.91 0.00	52.69 2.37 0.00	48.99 2.11 0.00	43.83 1.97 0.00	41.81 1.80 0.00	40.11 1.73 0.00	39.34 1.69 0.00	40.67 1.83 0.00	46.26 2.24 0.00	55.16 2.63 0.00	67.23 3.26 0.00	80.42 4.12 0.00	65.09 3.04 0.00	53.85 2.42 0.00	46.90 2.15 0.00	42.82 1.84 0.00
NEG CAPITAL___MECHNVIL 23645	46.24 1.99 0.00	43.09 1.86 0.00	40.49 1.70 0.00	40.17 1.62 0.00	40.53 1.67 0.00	47.19 2.12 0.00	60.91 2.68 0.00	84.38 3.86 0.00	67.63 3.04 0.00	53.47 2.42 -0.74	50.17 2.11 -1.18	45.80 1.93 -2.01	43.14 1.76 -1.37	41.33 1.69 -1.26	40.71 1.62 -1.45	42.10 1.75 -1.51	46.08 2.07 0.00	55.06 2.52 0.00	67.04 3.07 0.00	80.19 3.89 0.00	64.90 2.86 0.00	53.69 2.26 0.00	46.81 2.06 0.00	42.86 1.89 0.00

NEG CENTRAL_HIGH_ACRES 23767	42.03 -2.21 0.00	39.17 -2.06 0.00	36.88 -1.90 0.00	36.74 -1.81 0.00	37.11 -1.75 0.00	43.00 -2.07 0.00	55.79 -2.44 0.00	76.58 -3.94 0.00	61.50 -3.10 0.00	47.60 -2.72 0.00	44.54 -2.34 0.00	39.60 -2.26 0.00	37.65 -2.36 0.00	36.04 -2.34 0.00	35.27 -2.37 0.00	36.44 -2.41 0.00	41.06 -2.95 0.00	49.07 -3.47 0.00	60.07 -3.90 0.00	71.26 -5.04 0.00	58.51 -3.53 0.00	48.60 -2.83 0.00	42.25 -2.51 0.00	38.76 -2.21 0.00
NEG CENTRAL___DRP 24199	43.40 -0.84 0.00	40.53 -0.70 0.00	38.24 -0.54 0.00	38.09 -0.46 0.00	38.43 -0.43 0.00	44.67 -0.41 0.00	57.89 -0.35 0.00	79.47 -1.05 0.00	63.76 -0.84 0.00	49.41 -0.91 0.00	45.99 -0.89 0.00	40.90 -0.96 0.00	38.93 -1.08 0.00	37.30 -1.07 0.00	36.59 -1.05 0.00	37.76 -1.09 0.00	42.60 -1.41 0.00	51.01 -1.52 0.00	62.37 -1.60 0.00	74.32 -1.98 0.00	60.93 -1.12 0.00	50.56 -0.87 0.00	43.86 -0.90 0.00	40.23 -0.74 0.00
NEG CENTRAL___INDECK 23768	43.94 -0.31 0.00	40.95 -0.29 0.00	38.59 -0.19 0.00	38.48 -0.08 0.00	38.93 0.08 0.00	45.25 0.18 0.00	58.99 0.76 0.00	80.36 -0.16 0.00	63.82 -0.77 0.00	48.81 -1.51 0.00	45.48 -1.41 0.00	40.27 -1.59 0.00	38.25 -1.76 0.00	36.65 -1.73 0.00	35.99 -1.66 0.00	37.18 -1.67 0.00	41.94 -2.07 0.00	50.43 -2.10 0.00	62.50 -1.47 0.00	74.78 -1.53 0.00	61.68 -0.37 0.00	51.08 -0.36 0.00	44.26 -0.49 0.00	40.56 -0.41 0.00
NEG CENTRAL___SENECA 23627	43.54 -0.71 0.00	40.66 -0.58 0.00	38.36 -0.43 0.00	38.25 -0.31 0.00	38.62 -0.23 0.00	44.89 -0.18 0.00	58.23 0.00 0.00	79.71 -0.81 0.00	63.88 -0.71 0.00	49.52 -0.81 0.00	46.09 -0.80 0.00	40.94 -0.92 0.00	38.97 -1.04 0.00	37.30 -1.07 0.00	36.55 -1.09 0.00	37.76 -1.09 0.00	42.60 -1.41 0.00	51.01 -1.52 0.00	62.37 -1.60 0.00	74.24 -2.06 0.00	61.06 -0.99 0.00	50.71 -0.72 0.00	43.99 -0.76 0.00	40.36 -0.61 0.00
NEG CENTRAL___STATE_STREET 24147	43.49 -0.75 0.00	40.53 -0.70 0.00	38.24 -0.54 0.00	38.05 -0.50 0.00	38.39 -0.47 0.00	44.58 -0.50 0.00	57.71 -0.52 0.00	79.55 -0.97 0.00	63.82 -0.78 0.00	49.47 -0.86 0.00	46.09 -0.80 0.00	41.02 -0.84 0.00	39.13 -0.88 0.00	37.50 -0.88 0.00	36.78 -0.87 0.00	37.95 -0.89 0.00	42.87 -1.14 0.00	51.27 -1.26 0.00	62.63 -1.34 0.00	74.78 -1.53 0.00	61.12 -0.93 0.00	50.61 -0.82 0.00	43.90 -0.85 0.00	40.23 -0.74 0.00
NEG MILLWOOD___DRP 24198	46.06 1.81 0.00	42.80 1.57 0.00	40.14 1.36 0.00	39.91 1.35 0.00	40.22 1.36 0.00	46.83 1.76 0.00	60.68 2.45 0.00	84.79 4.27 0.00	67.76 3.17 0.00	54.07 2.57 -1.19	51.17 2.39 -1.90	47.28 2.18 -3.24	44.17 1.96 -2.20	42.30 1.88 -2.04	41.86 1.88 -2.33	43.26 1.98 -2.43	46.43 2.42 0.00	55.43 2.89 0.00	67.49 3.52 0.00	80.65 4.35 0.00	65.21 3.16 0.00	54.01 2.57 0.00	47.04 2.28 0.00	42.90 1.93 0.00
NEG NORTH_FLCN_SEA 23793	46.28 2.04 0.00	43.09 1.86 0.00	40.53 1.75 0.00	40.25 1.70 0.00	40.57 1.71 0.00	47.06 1.98 0.00	60.91 2.68 0.00	83.82 3.30 0.00	67.95 3.36 0.00	52.74 2.42 0.00	49.13 2.25 0.00	43.87 2.01 0.00	41.97 1.96 0.00	40.22 1.84 0.00	39.41 1.77 0.00	40.56 1.71 0.00	46.04 2.02 0.00	55.06 2.52 0.00	67.17 3.20 0.00	79.73 3.43 0.00	65.09 3.04 0.00	53.75 2.31 0.00	46.45 1.70 0.00	42.49 1.52 0.00
NEG NORTH_KES_CHATEGAY 23792	45.30 1.06 0.00	42.18 0.95 0.00	39.67 0.89 0.00	39.44 0.89 0.00	39.75 0.89 0.00	46.11 1.04 0.00	59.63 1.40 0.00	82.13 1.61 0.00	66.34 1.74 0.00	51.48 1.16 0.00	47.96 1.08 0.00	42.83 0.96 0.00	41.01 1.00 0.00	39.30 0.92 0.00	38.55 0.90 0.00	39.74 0.89 0.00	45.07 1.06 0.00	53.95 1.42 0.00	65.76 1.79 0.00	78.13 1.83 0.00	63.72 1.68 0.00	52.67 1.23 0.00	45.60 0.85 0.00	41.71 0.74 0.00
NEG NORTH___ALICE_FALLS 23915	46.32 2.08 0.00	43.13 1.90 0.00	40.60 1.82 0.00	40.33 1.77 0.00	40.64 1.79 0.00	47.19 2.12 0.00	61.15 2.91 0.00	84.06 3.54 0.00	68.15 3.55 0.00	52.84 2.52 0.00	49.23 2.34 0.00	43.91 2.05 0.00	42.05 2.04 0.00	40.30 1.92 0.00	39.45 1.81 0.00	40.63 1.79 0.00	46.12 2.11 0.00	55.22 2.68 0.00	67.36 3.39 0.00	79.89 3.59 0.00	65.34 3.29 0.00	53.95 2.52 0.00	46.59 1.83 0.00	42.61 1.64 0.00
NEG NORTH___LWR_SARANAC 23913	46.32 2.08 0.00	43.13 1.90 0.00	40.60 1.82 0.00	40.33 1.77 0.00	40.64 1.79 0.00	47.19 2.12 0.00	61.15 2.91 0.00	84.06 3.54 0.00	68.15 3.55 0.00	52.84 2.52 0.00	49.23 2.34 0.00	43.91 2.05 0.00	42.05 2.04 0.00	40.30 1.92 0.00	39.45 1.81 0.00	40.63 1.79 0.00	46.12 2.11 0.00	55.22 2.68 0.00	67.36 3.39 0.00	79.89 3.59 0.00	65.34 3.29 0.00	53.95 2.52 0.00	46.59 1.83 0.00	42.61 1.64 0.00
NEG NORTH___PLATTSBURG 23628	46.37 2.12 0.00	43.13 1.90 0.00	40.60 1.82 0.00	40.33 1.77 0.00	40.68 1.83 0.00	47.19 2.12 0.00	61.09 2.85 0.00	84.06 3.54 0.00	68.15 3.55 0.00	52.84 2.51 0.00	49.23 2.34 0.00	43.91 2.05 0.00	42.05 2.04 0.00	40.30 1.92 0.00	39.45 1.81 0.00	40.64 1.79 0.00	46.12 2.11 0.00	55.21 2.68 0.00	67.36 3.39 0.00	79.89 3.59 0.00	65.34 3.29 0.00	53.95 2.52 0.00	46.59 1.84 0.00	42.61 1.64 0.00
NEG WEST_LEA_LOCKPORT 23791	41.37 -2.88 0.00	38.97 -2.27 0.00	36.77 -2.02 0.00	36.71 -1.85 0.00	37.07 -1.79 0.00	42.95 -2.12 0.00	55.38 -2.85 0.00	74.40 -6.12 0.00	59.82 -4.78 0.00	46.19 -4.13 0.00	43.55 -3.33 0.00	38.89 -2.97 0.00	36.81 -3.20 0.00	35.23 -3.15 0.00	34.52 -3.12 0.00	35.62 -3.22 0.00	40.05 -3.96 0.00	47.49 -5.04 0.00	58.09 -5.89 0.00	68.21 -8.09 0.00	56.77 -5.27 0.00	47.27 -4.17 0.00	41.53 -3.22 0.00	38.43 -2.54 0.00
NEG WEST___LANCASTR 23811	42.83 -1.42 0.00	40.24 -0.99 0.00	38.01 -0.78 0.00	37.94 -0.62 0.00	38.31 -0.54 0.00	44.44 -0.63 0.00	57.83 -0.41 0.00	77.94 -2.58 0.00	62.46 -2.13 0.00	48.21 -2.11 0.00	45.34 -1.55 0.00	40.48 -1.38 0.00	38.33 -1.68 0.00	36.69 -1.69 0.00	35.95 -1.69 0.00	37.10 -1.75 0.00	41.55 -2.46 0.00	49.44 -3.10 0.00	60.45 -3.52 0.00	71.34 -4.96 0.00	59.32 -2.73 0.00	49.27 -2.16 0.00	43.14 -1.61 0.00	39.95 -1.02 0.00
NEG_PENN_ALLEGHNY 23528	43.94 -0.31 0.00	40.95 -0.29 0.00	38.55 -0.23 0.00	38.36 -0.19 0.00	38.70 -0.15 0.00	44.94 -0.13 0.00	58.41 0.18 0.00	80.36 -0.16 0.00	64.34 -0.26 0.00	49.92 -0.40 0.00	46.51 -0.38 0.00	41.44 -0.42 0.00	39.49 -0.52 0.00	37.84 -0.54 0.00	37.12 -0.53 0.00	38.30 -0.54 0.00	43.26 -0.75 0.00	51.64 -0.89 0.00	63.14 -0.83 0.00	75.23 -1.07 0.00	61.55 -0.50 0.00	50.97 -0.46 0.00	44.31 -0.45 0.00	40.69 -0.28 0.00
NEG___GEN_MONROE 24207	42.56 -1.68 0.00	39.95 -1.28 0.00	37.66 -1.12 0.00	37.51 -1.04 0.00	37.92 -0.93 0.00	44.04 -1.04 0.00	56.90 -1.34 0.00	77.38 -3.14 0.00	62.14 -2.45 0.00	47.91 -2.42 0.00	44.91 -1.97 0.00	39.98 -1.88 0.00	37.85 -2.16 0.00	36.27 -2.11 0.00	35.50 -2.15 0.00	36.67 -2.18 0.00	41.33 -2.68 0.00	49.33 -3.20 0.00	60.52 -3.45 0.00	71.72 -4.58 0.00	59.19 -2.85 0.00	49.17 -2.26 0.00	42.92 -1.83 0.00	39.41 -1.56 0.00

NEPA__ENERGY 23901	42.83 -1.42 0.00	40.24 -0.99 0.00	38.04 -0.74 0.00	37.98 -0.58 0.00	38.39 -0.47 0.00	44.53 -0.54 0.00	58.12 -0.12 0.00	78.35 -2.17 0.00	62.66 -1.94 0.00	48.41 -1.91 0.00	45.52 -1.36 0.00	40.61 -1.26 0.00	38.45 -1.56 0.00	36.81 -1.57 0.00	36.06 -1.58 0.00	37.22 -1.63 0.00	41.63 -2.38 0.00	49.54 -2.99 0.00	60.65 -3.33 0.00	71.72 -4.58 0.00	59.63 -2.42 0.00	49.48 -1.95 0.00	43.28 -1.48 0.00	40.11 -0.86 0.00
NEVERSink__HYD 23608	45.97 1.72 0.00	42.72 1.48 0.00	40.18 1.39 0.00	39.98 1.43 0.00	40.25 1.40 0.00	46.88 1.80 0.00	60.79 2.56 0.00	84.46 3.94 0.00	67.50 2.91 0.00	50.96 2.21 1.57	46.25 1.88 2.51	39.29 1.72 4.28	38.62 1.52 2.92	37.10 1.42 2.70	35.95 1.39 3.09	37.14 1.51 3.22	45.99 1.98 0.00	54.90 2.37 0.00	67.11 3.13 0.00	80.19 3.89 0.00	65.03 2.98 0.00	53.75 2.32 0.00	46.77 2.02 0.00	42.69 1.72 0.00
NEWKRMKL_115KV_TB1 55635	45.84 1.59 0.00	42.72 1.48 0.00	40.10 1.32 0.00	39.83 1.27 0.00	40.14 1.28 0.00	46.61 1.53 0.00	60.16 1.92 0.00	83.42 2.90 0.00	66.86 2.26 0.00	53.00 1.91 -0.76	49.84 1.73 -1.22	45.53 1.59 -2.08	42.95 1.52 -1.41	41.15 1.46 -1.31	40.57 1.43 -1.50	41.92 1.52 -1.56	45.73 1.72 0.00	54.53 2.00 0.00	66.34 2.37 0.00	79.20 2.90 0.00	64.16 2.11 0.00	53.18 1.75 0.00	46.36 1.61 0.00	42.49 1.52 0.00
NEWTON__FALLS_HYD 23847	44.24 0.00 0.00	41.15 -0.08 0.00	38.78 0.00 0.00	38.52 -0.04 0.00	38.78 -0.08 0.00	45.12 0.05 0.00	58.47 0.23 0.00	81.00 0.48 0.00	65.11 0.52 0.00	50.42 0.10 0.00	46.88 0.00 0.00	41.86 0.00 0.00	40.13 0.12 0.00	38.46 0.08 0.00	37.68 0.04 0.00	38.81 -0.04 0.00	44.01 0.00 0.00	52.75 0.21 0.00	64.61 0.64 0.00	76.91 0.61 0.00	62.67 0.62 0.00	51.84 0.41 0.00	44.80 0.04 0.00	40.89 -0.08 0.00
NGRID_A1_DSASP 323792	41.02 -3.23 0.00	38.22 -3.01 0.00	35.99 -2.79 0.00	35.90 -2.66 0.00	36.25 -2.60 0.00	41.92 -3.16 0.00	54.04 -4.19 0.00	72.79 -7.73 0.00	58.39 -6.20 0.00	45.19 -5.13 0.00	42.66 -4.22 0.00	38.14 -3.73 0.00	36.09 -3.92 0.00	34.54 -3.84 0.00	33.84 -3.80 0.00	34.93 -3.92 0.00	39.26 -4.75 0.00	46.44 -6.09 0.00	56.68 -7.29 0.00	66.46 -9.84 0.00	55.35 -6.70 0.00	46.14 -5.30 0.00	40.64 -4.12 0.00	37.65 -3.32 0.00
NGRID_A2_DSASP 323793	41.02 -3.23 0.00	38.22 -3.01 0.00	35.99 -2.79 0.00	35.90 -2.66 0.00	36.25 -2.60 0.00	41.92 -3.16 0.00	54.04 -4.19 0.00	72.79 -7.73 0.00	58.39 -6.20 0.00	45.19 -5.13 0.00	42.66 -4.22 0.00	38.14 -3.73 0.00	36.09 -3.92 0.00	34.54 -3.84 0.00	33.84 -3.80 0.00	34.93 -3.92 0.00	39.26 -4.75 0.00	46.44 -6.09 0.00	56.68 -7.29 0.00	66.46 -9.84 0.00	55.35 -6.70 0.00	46.14 -5.30 0.00	40.64 -4.12 0.00	37.65 -3.32 0.00
NGRID_A4_DSASP 323807	41.02 -3.23 0.00	38.22 -3.01 0.00	35.99 -2.79 0.00	35.90 -2.66 0.00	36.25 -2.60 0.00	41.92 -3.16 0.00	54.04 -4.19 0.00	72.79 -7.73 0.00	58.39 -6.20 0.00	45.19 -5.13 0.00	42.66 -4.22 0.00	38.14 -3.73 0.00	36.09 -3.92 0.00	34.54 -3.84 0.00	33.84 -3.80 0.00	34.93 -3.92 0.00	39.26 -4.75 0.00	46.44 -6.09 0.00	56.68 -7.29 0.00	66.46 -9.84 0.00	55.35 -6.70 0.00	46.14 -5.30 0.00	40.64 -4.12 0.00	37.65 -3.32 0.00
NIAGARA_115E_LBMP 323715	41.10 -3.14 0.00	38.43 -2.81 0.00	36.18 -2.60 0.00	36.09 -2.47 0.00	36.45 -2.41 0.00	42.14 -2.93 0.00	54.33 -3.90 0.00	73.19 -7.33 0.00	58.72 -5.88 0.00	45.39 -4.93 0.00	42.85 -4.03 0.00	38.26 -3.60 0.00	36.21 -3.80 0.00	34.69 -3.68 0.00	33.95 -3.69 0.00	35.08 -3.77 0.00	39.43 -4.58 0.00	46.65 -5.88 0.00	57.00 -6.97 0.00	66.84 -9.46 0.00	55.72 -6.33 0.00	46.39 -5.04 0.00	40.81 -3.94 0.00	37.82 -3.15 0.00
NIAGARA_115W_LBMP 323714	40.88 -3.36 0.00	38.14 -3.09 0.00	35.87 -2.91 0.00	35.78 -2.78 0.00	36.13 -2.72 0.00	41.83 -3.25 0.00	53.87 -4.37 0.00	72.55 -7.97 0.00	58.27 -6.33 0.00	45.09 -5.23 0.00	42.57 -4.31 0.00	38.01 -3.85 0.00	35.97 -4.04 0.00	34.46 -3.92 0.00	33.77 -3.88 0.00	34.85 -4.00 0.00	39.17 -4.84 0.00	46.34 -6.20 0.00	56.55 -7.42 0.00	66.23 -10.07 0.00	55.22 -6.83 0.00	46.03 -5.40 0.00	40.50 -4.25 0.00	37.53 -3.44 0.00
NIAGARA_230_LBMP 323716	41.46 -2.79 0.00	38.72 -2.52 0.00	36.41 -2.37 0.00	36.32 -2.24 0.00	36.72 -2.14 0.00	42.46 -2.62 0.00	54.74 -3.49 0.00	73.84 -6.68 0.00	59.23 -5.36 0.00	45.79 -4.53 0.00	43.23 -3.66 0.00	38.60 -3.27 0.00	36.57 -3.44 0.00	35.04 -3.34 0.00	34.29 -3.35 0.00	35.43 -3.42 0.00	39.79 -4.23 0.00	47.13 -5.41 0.00	57.51 -6.46 0.00	67.45 -8.85 0.00	56.15 -5.90 0.00	46.80 -4.63 0.00	41.17 -3.58 0.00	38.15 -2.83 0.00
NIAGARA__115KV_198_GIBSON 55903	40.44 -3.80 0.00	38.10 -3.13 0.00	35.95 -2.83 0.00	35.90 -2.66 0.00	36.21 -2.64 0.00	41.96 -3.11 0.00	53.93 -4.31 0.00	72.31 -8.21 0.00	58.26 -6.33 0.00	45.09 -5.23 0.00	42.57 -4.31 0.00	38.01 -3.85 0.00	35.97 -4.04 0.00	34.46 -3.91 0.00	33.77 -3.88 0.00	34.85 -4.00 0.00	39.17 -4.84 0.00	46.34 -6.20 0.00	56.55 -7.42 0.00	66.23 -10.07 0.00	55.22 -6.83 0.00	46.03 -5.40 0.00	40.50 -4.25 0.00	37.53 -3.44 0.00
NIAGARA____ 23760	41.46 -2.79 0.00	38.72 -2.52 0.00	36.41 -2.37 0.00	36.32 -2.24 0.00	36.72 -2.14 0.00	42.46 -2.62 0.00	54.74 -3.49 0.00	73.84 -6.68 0.00	59.23 -5.36 0.00	45.79 -4.53 0.00	43.23 -3.66 0.00	38.60 -3.27 0.00	36.57 -3.44 0.00	35.04 -3.34 0.00	34.29 -3.35 0.00	35.43 -3.42 0.00	39.79 -4.23 0.00	47.13 -5.41 0.00	57.51 -6.46 0.00	67.45 -8.85 0.00	56.15 -5.90 0.00	46.80 -4.63 0.00	41.17 -3.58 0.00	38.15 -2.83 0.00
NINE_MILE_1 23575	42.34 -1.90 0.00	39.50 -1.73 0.00	37.23 -1.55 0.00	37.01 -1.54 0.00	37.30 -1.56 0.00	43.18 -1.89 0.00	55.84 -2.39 0.00	77.14 -3.38 0.00	61.88 -2.71 0.00	48.11 -2.21 0.00	44.87 -2.01 0.00	39.98 -1.88 0.00	38.21 -1.80 0.00	36.69 -1.69 0.00	35.99 -1.66 0.00	37.10 -1.75 0.00	41.90 -2.11 0.00	50.01 -2.52 0.00	60.97 -3.01 0.00	72.72 -3.58 0.00	59.26 -2.79 0.00	49.17 -2.26 0.00	42.74 -2.01 0.00	39.21 -1.76 0.00
NINE_MILE_2 23744	42.34 -1.90 0.00	39.50 -1.73 0.00	37.23 -1.55 0.00	37.01 -1.54 0.00	37.34 -1.52 0.00	43.18 -1.89 0.00	55.84 -2.39 0.00	77.14 -3.38 0.00	61.88 -2.71 0.00	48.11 -2.21 0.00	44.87 -2.01 0.00	40.02 -1.84 0.00	38.25 -1.76 0.00	36.69 -1.69 0.00	35.99 -1.66 0.00	37.10 -1.75 0.00	41.90 -2.11 0.00	50.01 -2.52 0.00	60.97 -3.01 0.00	72.72 -3.58 0.00	59.26 -2.79 0.00	49.17 -2.26 0.00	42.74 -2.01 0.00	39.21 -1.76 0.00
NM_CAPITAL__DRP 24208	45.79 1.55 0.00	42.68 1.44 0.00	40.02 1.24 0.00	39.75 1.20 0.00	40.10 1.24 0.00	46.51 1.44 0.00	60.04 1.81 0.00	83.26 2.74 0.00	66.66 2.07 0.00	52.91 1.81 -0.78	49.77 1.64 -1.25	45.49 1.51 -2.12	42.90 1.44 -1.45	41.14 1.42 -1.34	40.53 1.36 -1.53	41.88 1.44 -1.60	45.64 1.63 0.00	54.48 1.94 0.00	66.21 2.24 0.00	79.05 2.75 0.00	64.03 1.99 0.00	53.08 1.65 0.00	46.27 1.52 0.00	42.45 1.47 0.00

NM_CENTRAL___DRP 24181	43.09 -1.15 0.00	40.20 -1.03 0.00	37.89 -0.89 0.00	37.71 -0.85 0.00	38.00 -0.85 0.00	44.08 -0.99 0.00	57.01 -1.22 0.00	78.67 -1.85 0.00	63.11 -1.49 0.00	49.01 -1.31 0.00	45.66 -1.22 0.00	40.69 -1.17 0.00	38.85 -1.16 0.00	37.27 -1.11 0.00	36.55 -1.09 0.00	37.68 -1.17 0.00	42.56 -1.45 0.00	50.75 -1.79 0.00	61.93 -2.05 0.00	73.86 -2.44 0.00	60.25 -1.80 0.00	49.99 -1.44 0.00	43.46 -1.30 0.00	39.82 -1.15 0.00
NM_FRONTIER___DRP 24179	40.44 -3.80 0.00	38.10 -3.13 0.00	35.95 -2.83 0.00	35.90 -2.66 0.00	36.21 -2.64 0.00	41.96 -3.11 0.00	53.93 -4.31 0.00	72.31 -8.21 0.00	58.26 -6.33 0.00	45.09 -5.23 0.00	42.57 -4.31 0.00	38.01 -3.85 0.00	35.97 -4.04 0.00	34.46 -3.91 0.00	33.77 -3.88 0.00	34.85 -4.00 0.00	39.17 -4.84 0.00	46.34 -6.20 0.00	56.55 -7.42 0.00	66.23 -10.07 0.00	55.22 -6.83 0.00	46.03 -5.40 0.00	40.50 -4.25 0.00	37.53 -3.44 0.00
NM_ST_REGIS___HYD 24053	44.91 0.66 0.00	41.81 0.58 0.00	39.36 0.58 0.00	39.13 0.58 0.00	39.44 0.58 0.00	45.79 0.72 0.00	59.28 1.05 0.00	81.73 1.21 0.00	66.08 1.49 0.00	51.18 0.86 0.00	47.68 0.80 0.00	42.53 0.67 0.00	40.73 0.72 0.00	39.07 0.69 0.00	38.28 0.64 0.00	39.39 0.54 0.00	44.72 0.70 0.00	53.59 1.05 0.00	65.38 1.41 0.00	77.75 1.45 0.00	63.48 1.43 0.00	52.51 1.08 0.00	45.38 0.63 0.00	41.46 0.49 0.00
NORTHPORT___1 23551	46.59 2.34 0.00	43.21 1.98 0.00	40.33 1.55 0.00	40.10 1.54 0.00	40.49 1.63 0.00	47.01 1.94 0.00	60.15 1.92 0.00	84.15 3.63 0.00	67.24 2.65 0.00	55.39 2.32 -2.76	53.35 2.06 -4.40	51.51 2.13 -7.51	47.24 2.12 -5.11	44.99 1.88 -4.73	45.16 2.11 -5.41	46.78 2.29 -5.64	47.22 3.21 0.00	55.90 3.37 0.00	68.07 4.10 0.00	81.26 4.96 0.00	65.40 3.35 0.00	54.21 2.78 0.00	47.80 3.04 0.00	43.47 2.50 0.00
NORTHPORT___2 23552	46.59 2.34 0.00	43.21 1.98 0.00	40.33 1.55 0.00	40.10 1.54 0.00	40.49 1.63 0.00	47.01 1.94 0.00	60.15 1.92 0.00	84.15 3.63 0.00	67.24 2.65 0.00	55.39 2.32 -2.76	53.35 2.06 -4.40	51.51 2.13 -7.51	47.24 2.12 -5.11	44.99 1.88 -4.73	45.16 2.11 -5.41	46.78 2.29 -5.64	47.22 3.21 0.00	55.90 3.37 0.00	68.07 4.10 0.00	81.26 4.96 0.00	65.40 3.35 0.00	54.21 2.78 0.00	47.80 3.04 0.00	43.47 2.50 0.00
NORTHPORT___3 23553	46.06 1.81 0.00	42.68 1.44 0.00	39.91 1.13 0.00	39.67 1.12 0.00	40.02 1.16 0.00	46.56 1.49 0.00	59.05 0.81 0.00	82.53 2.01 0.00	66.01 1.42 0.00	54.99 1.91 -2.76	52.74 1.45 -4.40	51.13 1.76 -7.51	46.92 1.80 -5.11	44.72 1.61 -4.73	44.82 1.77 -5.41	46.43 1.94 -5.64	46.74 2.73 0.00	54.79 2.26 0.00	66.53 2.56 0.00	79.58 3.28 0.00	64.09 2.04 0.00	53.34 1.90 0.00	47.30 2.55 0.00	42.98 2.01 0.00
NORTHPORT___4 23650	46.06 1.81 0.00	42.68 1.44 0.00	39.91 1.13 0.00	39.67 1.12 0.00	40.02 1.16 0.00	46.56 1.49 0.00	59.05 0.81 0.00	82.53 2.01 0.00	66.01 1.42 0.00	54.99 1.91 -2.76	52.74 1.45 -4.40	51.13 1.76 -7.51	46.92 1.80 -5.11	44.72 1.61 -4.73	44.82 1.77 -5.41	46.43 1.94 -5.64	46.74 2.73 0.00	54.79 2.26 0.00	66.53 2.56 0.00	79.58 3.28 0.00	64.09 2.04 0.00	53.34 1.90 0.00	47.30 2.55 0.00	42.98 2.01 0.00
NORTHPORT___IC 23718	46.50 2.26 0.00	43.01 1.77 0.00	40.26 1.47 0.00	40.02 1.47 0.00	40.33 1.48 0.00	46.88 1.80 0.00	60.10 1.86 0.00	84.30 3.78 0.00	67.31 2.71 0.00	55.39 2.31 -2.76	53.35 2.06 -4.40	51.47 2.09 -7.51	47.20 2.08 -5.11	44.99 1.88 -4.73	45.16 2.11 -5.41	46.78 2.29 -5.64	47.22 3.21 0.00	55.90 3.36 0.00	68.07 4.09 0.00	81.26 4.96 0.00	65.40 3.35 0.00	54.21 2.78 0.00	47.75 3.00 0.00	43.47 2.50 0.00
NORTH___COUNTRY_ESR 323785	45.17 0.93 0.00	42.06 0.82 0.00	39.60 0.82 0.00	39.33 0.77 0.00	39.63 0.78 0.00	45.97 0.90 0.00	59.40 1.16 0.00	81.89 1.37 0.00	66.14 1.55 0.00	51.38 1.06 0.00	47.91 1.03 0.00	42.78 0.92 0.00	40.93 0.92 0.00	39.26 0.88 0.00	38.47 0.83 0.00	39.66 0.82 0.00	44.98 0.97 0.00	53.79 1.26 0.00	65.57 1.60 0.00	77.91 1.60 0.00	63.54 1.49 0.00	52.46 1.03 0.00	45.47 0.71 0.00	41.59 0.62 0.00
NPX_GEN_1385_PROXY 323591	46.59 2.34 0.00	43.21 1.98 0.00	40.33 1.55 0.00	40.10 1.54 0.00	40.49 1.63 0.00	47.01 1.94 0.00	59.58 1.34 0.00	84.15 3.63 0.00	67.05 2.45 0.00	55.24 2.16 -2.76	53.16 1.88 -4.40	51.42 2.05 -7.51	47.20 2.08 -5.11	44.83 1.73 -4.73	45.27 2.22 -5.41	46.82 2.33 -5.64	47.53 3.52 0.00	56.11 3.57 0.00	68.51 4.54 0.00	81.19 4.89 0.00	65.40 3.35 0.00	54.06 2.62 0.00	47.71 2.95 0.00	43.47 2.50 0.00
NPX_GEN_CSC 323557	46.19 1.94 0.00	43.13 1.90 0.00	39.91 1.13 0.00	39.67 1.12 0.00	40.33 1.48 0.00	45.79 0.72 0.00	58.99 0.76 0.00	82.21 1.69 0.00	65.57 0.97 0.00	53.93 0.85 -2.76	51.80 0.52 -4.40	50.17 0.79 -7.51	46.28 1.16 -5.11	43.99 0.88 -4.73	44.22 1.17 -5.41	45.88 1.40 -5.64	46.65 2.64 0.00	55.32 2.78 0.00	67.42 3.45 0.00	80.73 4.42 0.00	64.41 2.36 0.00	53.39 1.95 0.00	47.17 2.42 0.00	42.82 1.85 0.00
NSINS_S__GLNS_FALLS 23858	46.28 2.04 0.00	43.09 1.86 0.00	40.53 1.75 0.00	40.18 1.62 0.00	40.57 1.71 0.00	47.33 2.25 0.00	61.20 2.97 0.00	85.03 4.51 0.00	68.15 3.55 0.00	53.76 2.72 -0.72	50.24 2.20 -1.16	45.84 2.01 -1.97	43.19 1.84 -1.34	41.31 1.69 -1.24	40.64 1.58 -1.42	42.08 1.75 -1.48	46.08 2.07 0.00	55.06 2.52 0.00	67.11 3.13 0.00	80.42 4.12 0.00	65.15 3.10 0.00	53.75 2.31 0.00	46.86 2.10 0.00	42.90 1.93 0.00
NUCOR_STEEL___DRP 24197	43.62 -0.62 0.00	40.70 -0.54 0.00	38.36 -0.43 0.00	38.17 -0.39 0.00	38.51 -0.35 0.00	44.71 -0.36 0.00	57.83 -0.41 0.00	79.71 -0.81 0.00	63.95 -0.65 0.00	49.57 -0.75 0.00	46.13 -0.75 0.00	41.07 -0.80 0.00	39.17 -0.84 0.00	37.53 -0.84 0.00	36.81 -0.83 0.00	37.99 -0.85 0.00	42.91 -1.10 0.00	51.27 -1.26 0.00	62.69 -1.28 0.00	74.85 -1.45 0.00	61.18 -0.87 0.00	50.71 -0.72 0.00	43.99 -0.76 0.00	40.32 -0.66 0.00
NUMBER_THREE_WT_PWR 323818	44.24 0.00 0.00	41.19 -0.04 0.00	38.78 0.00 0.00	38.52 -0.04 0.00	38.74 -0.12 0.00	45.12 0.05 0.00	58.53 0.29 0.00	81.41 0.89 0.00	65.24 0.65 0.00	50.52 0.20 0.00	46.93 0.05 0.00	41.90 0.04 0.00	40.29 0.28 0.00	38.61 0.23 0.00	37.83 0.19 0.00	39.04 0.20 0.00	44.23 0.22 0.00	53.06 0.53 0.00	65.13 1.15 0.00	77.37 1.07 0.00	62.92 0.87 0.00	52.00 0.57 0.00	44.89 0.13 0.00	40.97 0.00 0.00
NYISO_LBMP_REFERENCE 24008	44.24 0.00 0.00	41.23 0.00 0.00	38.78 0.00 0.00	38.56 0.00 0.00	38.86 0.00 0.00	45.07 0.00 0.00	58.23 0.00 0.00	80.52 0.00 0.00	64.60 0.00 0.00	50.32 0.00 0.00	46.88 0.00 0.00	41.86 0.00 0.00	40.01 0.00 0.00	38.38 0.00 0.00	37.64 0.00 0.00	38.85 0.00 0.00	44.01 0.00 0.00	52.54 0.00 0.00	63.97 0.00 0.00	76.30 0.00 0.00	62.05 0.00 0.00	51.43 0.00 0.00	44.75 0.00 0.00	40.97 0.00 0.00

NYPA_BRENTWD____GT 24164	47.12 2.87 0.00	43.62 2.39 0.00	40.76 1.98 0.00	40.52 1.97 0.00	40.87 2.02 0.00	47.55 2.48 0.00	61.03 2.80 0.00	85.35 4.83 0.00	68.28 3.68 0.00	56.10 3.02 -2.76	53.96 2.67 -4.40	52.05 2.68 -7.51	47.68 2.56 -5.11	45.41 2.30 -4.73	45.57 2.52 -5.41	47.20 2.72 -5.64	47.75 3.74 0.00	56.64 4.10 0.00	68.97 4.99 0.00	82.41 6.11 0.00	66.33 4.28 0.00	54.98 3.55 0.00	48.42 3.67 0.00	43.96 2.99 0.00
NYPA_GOWANUS____GT5 24156	56.33 2.30 -9.79	55.56 1.94 -12.39	40.54 1.75 -0.01	40.30 1.74 -0.01	40.61 1.75 -0.01	55.58 2.07 -8.43	60.79 2.56 0.00	84.78 4.26 0.00	67.76 3.16 0.00	57.15 2.82 -4.01	57.88 2.72 -8.28	57.06 2.51 -12.69	57.09 2.48 -14.60	57.04 2.30 -16.36	57.04 2.33 -17.06	57.05 2.45 -15.75	57.86 2.99 -10.86	61.29 3.41 -5.35	67.55 3.58 0.00	80.80 4.50 0.00	65.27 3.22 0.00	60.38 2.88 -6.06	57.74 2.73 -10.25	56.19 2.42 -12.81
NYPA_GOWANUS____GT6 24157	56.33 2.30 -9.79	55.56 1.94 -12.39	40.54 1.75 -0.01	40.30 1.74 -0.01	40.61 1.75 -0.01	55.58 2.07 -8.43	60.79 2.56 0.00	84.78 4.26 0.00	67.76 3.16 0.00	57.15 2.82 -4.01	57.88 2.72 -8.28	57.06 2.51 -12.69	57.09 2.48 -14.60	57.04 2.30 -16.36	57.04 2.33 -17.06	57.05 2.45 -15.75	57.86 2.99 -10.86	61.29 3.41 -5.35	67.55 3.58 0.00	80.80 4.50 0.00	65.27 3.22 0.00	60.38 2.88 -6.06	57.74 2.73 -10.25	56.19 2.42 -12.81
NYPA_HARLEM__RVR__GT1 24160	46.10 1.86 0.00	42.72 1.48 0.00	40.10 1.32 0.00	39.87 1.31 0.00	40.14 1.28 0.00	46.56 1.49 0.00	59.97 1.75 0.01	83.81 3.30 0.01	67.04 2.45 0.01	55.22 2.16 -2.74	53.37 2.11 -4.38	51.30 1.97 -7.47	47.05 1.96 -5.08	44.92 1.84 -4.70	44.87 1.84 -5.38	46.40 1.94 -5.61	46.47 2.46 0.01	55.26 2.73 0.01	66.85 2.88 0.01	79.88 3.59 0.01	64.53 2.48 0.01	53.59 2.16 0.01	46.90 2.15 0.00	42.94 1.97 0.00
NYPA_HARLEM__RVR__GT2 24161	46.10 1.86 0.00	42.72 1.48 0.00	40.10 1.32 0.00	39.87 1.31 0.00	40.14 1.28 0.00	46.56 1.49 0.00	59.97 1.75 0.01	83.81 3.30 0.01	67.04 2.45 0.01	55.22 2.16 -2.74	53.37 2.11 -4.38	51.30 1.97 -7.47	47.05 1.96 -5.08	44.92 1.84 -4.70	44.87 1.84 -5.38	46.40 1.94 -5.61	46.47 2.46 0.01	55.26 2.73 0.01	66.85 2.88 0.01	79.88 3.59 0.01	64.53 2.48 0.01	53.59 2.16 0.01	46.90 2.15 0.00	42.94 1.97 0.00
NYPA_KENT____GT 24152	61.04 2.12 -14.68	61.57 1.77 -18.57	40.41 1.63 0.00	40.18 1.62 0.00	40.45 1.59 0.00	59.60 1.89 -12.63	60.62 2.39 0.00	84.54 4.02 0.00	67.57 2.97 0.00	57.58 2.62 -4.64	59.63 2.53 -10.22	49.13 2.38 -4.88	61.68 2.32 -19.35	62.74 2.19 -22.18	62.72 2.18 -22.89	61.95 2.29 -20.81	63.11 2.82 -16.28	58.47 3.26 -2.67	67.42 3.45 0.00	80.57 4.27 0.00	65.09 3.04 0.00	63.19 2.67 -9.09	62.67 2.55 -15.37	62.42 2.25 -19.20
NYPA_POUCH1____GT 24155	56.24 2.21 -9.79	55.48 1.86 -12.39	40.49 1.70 -0.01	40.26 1.69 -0.01	40.57 1.71 -0.01	55.48 1.98 -8.43	60.62 2.39 0.00	84.38 3.86 0.00	67.43 2.84 0.00	57.05 2.72 -4.01	57.79 2.62 -8.28	56.98 2.43 -12.69	57.01 2.40 -14.60	56.97 2.23 -16.36	56.96 2.26 -17.06	56.97 2.37 -15.75	57.77 2.90 -10.86	61.19 3.31 -5.35	67.30 3.32 0.00	80.42 4.12 0.00	65.03 2.98 0.00	60.32 2.83 -6.06	57.69 2.69 -10.25	56.15 2.38 -12.81
NYPA_VERNON____GT2 24162	46.19 1.94 0.00	42.84 1.61 0.00	40.25 1.47 0.00	40.02 1.46 0.00	40.29 1.44 0.00	46.78 1.71 0.00	60.39 2.16 0.00	84.30 3.79 0.00	67.43 2.84 0.00	55.53 2.47 -2.74	53.61 2.34 -4.38	51.56 2.22 -7.48	47.26 2.16 -5.09	45.12 2.03 -4.71	45.06 2.03 -5.39	46.60 2.14 -5.61	46.65 2.64 0.00	55.58 3.05 0.00	67.23 3.26 0.00	80.34 4.04 0.00	64.90 2.86 0.00	53.90 2.47 0.00	47.12 2.37 0.00	43.06 2.09 0.00
NYPA_VERNON____GT3 24163	46.19 1.94 0.00	42.84 1.61 0.00	40.25 1.47 0.00	40.02 1.46 0.00	40.29 1.44 0.00	46.78 1.71 0.00	60.39 2.16 0.00	84.30 3.79 0.00	67.43 2.84 0.00	55.53 2.47 -2.74	53.61 2.34 -4.38	51.56 2.22 -7.48	47.26 2.16 -5.09	45.12 2.03 -4.71	45.06 2.03 -5.39	46.60 2.14 -5.61	46.65 2.64 0.00	55.58 3.05 0.00	67.23 3.26 0.00	80.34 4.04 0.00	64.90 2.86 0.00	53.90 2.47 0.00	47.12 2.37 0.00	43.06 2.09 0.00
NYPA__ASTORIA_CC1 323568	46.19 1.94 0.00	42.84 1.61 0.00	40.26 1.47 0.00	40.02 1.46 0.00	40.29 1.44 0.00	46.74 1.67 0.00	60.27 2.04 0.00	84.15 3.63 0.00	67.37 2.78 0.00	55.43 2.37 -2.74	53.56 2.30 -4.38	51.48 2.13 -7.48	47.22 2.12 -5.09	45.08 1.99 -4.71	45.02 1.99 -5.39	46.56 2.10 -5.61	46.61 2.60 0.00	55.48 2.94 0.00	67.17 3.20 0.00	80.27 3.97 0.00	64.84 2.79 0.00	53.80 2.37 0.00	47.08 2.33 0.00	43.06 2.09 0.00
NYPA__ASTORIA_CC2 323569	46.19 1.94 0.00	42.84 1.61 0.00	40.26 1.47 0.00	40.02 1.46 0.00	40.29 1.44 0.00	46.74 1.67 0.00	60.27 2.04 0.00	84.15 3.63 0.00	67.37 2.78 0.00	55.43 2.37 -2.74	53.56 2.30 -4.38	51.48 2.13 -7.48	47.22 2.12 -5.09	45.08 1.99 -4.71	45.02 1.99 -5.39	46.56 2.10 -5.61	46.61 2.60 0.00	55.48 2.94 0.00	67.17 3.20 0.00	80.27 3.97 0.00	64.84 2.79 0.00	53.80 2.37 0.00	47.08 2.33 0.00	43.06 2.09 0.00
NYPA__HOLTSVILL 23794	46.50 2.26 0.00	43.17 1.94 0.00	40.22 1.44 0.00	39.98 1.43 0.00	40.41 1.56 0.00	46.74 1.67 0.00	59.75 1.51 0.00	83.41 2.89 0.00	66.72 2.13 0.00	54.94 1.86 -2.76	52.83 1.54 -4.40	51.09 1.72 -7.51	46.92 1.80 -5.11	44.64 1.54 -4.73	44.82 1.77 -5.41	46.46 1.98 -5.64	47.01 2.99 0.00	55.63 3.10 0.00	67.68 3.71 0.00	80.96 4.65 0.00	65.03 2.98 0.00	53.95 2.52 0.00	47.71 2.95 0.00	43.31 2.33 0.00
NYPA__HELLGATE_GT1 24158	46.10 1.86 0.00	42.72 1.48 0.00	40.10 1.32 0.00	39.87 1.31 0.00	40.14 1.28 0.00	46.56 1.49 0.00	59.97 1.75 0.01	83.81 3.30 0.01	67.04 2.45 0.01	55.22 2.16 -2.74	53.37 2.11 -4.38	51.30 1.97 -7.47	47.05 1.96 -5.08	44.92 1.84 -4.70	44.87 1.84 -5.38	46.40 1.94 -5.61	46.47 2.46 0.01	55.26 2.73 0.01	66.85 2.88 0.01	79.88 3.59 0.01	64.53 2.48 0.01	53.59 2.16 0.01	46.90 2.15 0.00	42.94 1.97 0.00
NYPA__HELLGATE_GT2 24159	46.10 1.86 0.00	42.72 1.48 0.00	40.10 1.32 0.00	39.87 1.31 0.00	40.14 1.28 0.00	46.56 1.49 0.00	59.97 1.75 0.01	83.81 3.30 0.01	67.04 2.45 0.01	55.22 2.16 -2.74	53.37 2.11 -4.38	51.30 1.97 -7.47	47.05 1.96 -5.08	44.92 1.84 -4.70	44.87 1.84 -5.38	46.40 1.94 -5.61	46.47 2.46 0.01	55.26 2.73 0.01	66.85 2.88 0.01	79.88 3.59 0.01	64.53 2.48 0.01	53.59 2.16 0.01	46.90 2.15 0.00	42.94 1.97 0.00
NYS_BARGE__HYD 23848	41.77 -2.48 0.00	39.01 -2.23 0.00	36.73 -2.06 0.00	36.63 -1.93 0.00	37.03 -1.83 0.00	42.82 -2.25 0.00	55.32 -2.91 0.00	74.64 -5.87 0.00	59.88 -4.71 0.00	46.20 -4.13 0.00	43.60 -3.28 0.00	38.89 -2.97 0.00	36.81 -3.20 0.00	35.23 -3.15 0.00	34.52 -3.12 0.00	35.62 -3.22 0.00	40.05 -3.96 0.00	47.49 -5.04 0.00	58.09 -5.88 0.00	68.29 -8.01 0.00	56.77 -5.27 0.00	47.32 -4.12 0.00	41.53 -3.22 0.00	38.43 -2.54 0.00

OAK ORCHARD___HYD 24046	42.52 -1.73 0.00	39.67 -1.57 0.00	37.35 -1.43 0.00	37.21 -1.35 0.00	37.57 -1.28 0.00	43.54 -1.53 0.00	56.37 -1.87 0.00	77.06 -3.46 0.00	61.82 -2.78 0.00	47.86 -2.46 0.00	44.92 -1.97 0.00	39.98 -1.88 0.00	37.97 -2.04 0.00	36.38 -2.00 0.00	35.61 -2.03 0.00	36.79 -2.06 0.00	41.46 -2.55 0.00	49.44 -3.10 0.00	60.52 -3.46 0.00	71.64 -4.66 0.00	58.95 -3.10 0.00	49.02 -2.42 0.00	42.70 -2.06 0.00	39.21 -1.76 0.00
OAKDALE___35_KV_LOAD 356122	43.80 -0.44 0.00	40.86 -0.37 0.00	38.47 -0.31 0.00	38.32 -0.23 0.00	38.66 -0.19 0.00	44.85 -0.23 0.00	58.23 0.00 0.00	80.04 -0.48 0.00	64.08 -0.52 0.00	49.77 -0.55 0.00	46.37 -0.52 0.00	41.36 -0.50 0.00	39.41 -0.60 0.00	37.77 -0.61 0.00	37.04 -0.60 0.00	38.26 -0.58 0.00	43.17 -0.84 0.00	51.54 -1.00 0.00	62.95 -1.02 0.00	75.00 -1.30 0.00	61.37 -0.68 0.00	50.87 -0.57 0.00	44.22 -0.54 0.00	40.60 -0.37 0.00
OCC_CHEM___DRP 24175	40.53 -3.72 0.00	38.18 -3.05 0.00	36.03 -2.75 0.00	35.97 -2.58 0.00	36.33 -2.53 0.00	42.10 -2.97 0.00	54.10 -4.13 0.00	72.55 -7.97 0.00	58.39 -6.20 0.00	45.19 -5.13 0.00	42.66 -4.22 0.00	38.14 -3.73 0.00	36.09 -3.92 0.00	34.54 -3.84 0.00	33.84 -3.80 0.00	34.92 -3.92 0.00	39.26 -4.75 0.00	46.44 -6.09 0.00	56.68 -7.29 0.00	66.46 -9.84 0.00	55.35 -6.70 0.00	46.14 -5.30 0.00	40.64 -4.12 0.00	37.65 -3.32 0.00
OH_GEN_PROXY 24063	41.50 -2.74 0.00	38.76 -2.47 0.00	36.49 -2.29 0.00	36.36 -2.20 0.00	36.76 -2.10 0.00	42.51 -2.57 0.00	54.86 -3.38 0.00	74.00 -6.52 0.00	59.37 -5.23 0.00	45.94 -4.38 0.00	43.32 -3.57 0.00	38.68 -3.18 0.00	36.65 -3.36 0.00	35.12 -3.26 0.00	34.37 -3.28 0.00	35.51 -3.34 0.00	39.92 -4.09 0.00	47.23 -5.30 0.00	57.64 -6.33 0.00	67.68 -8.62 0.00	56.34 -5.71 0.00	46.96 -4.48 0.00	41.22 -3.54 0.00	38.18 -2.79 0.00
OLIN_CORP_DRP 24177	40.79 -3.45 0.00	38.47 -2.76 0.00	36.30 -2.48 0.00	36.24 -2.31 0.00	36.60 -2.25 0.00	42.37 -2.70 0.00	54.51 -3.73 0.00	73.19 -7.33 0.00	58.85 -5.75 0.00	45.54 -4.78 0.00	42.95 -3.94 0.00	38.39 -3.47 0.00	36.33 -3.68 0.00	34.77 -3.61 0.00	34.07 -3.58 0.00	35.16 -3.69 0.00	39.52 -4.49 0.00	46.81 -5.73 0.00	57.19 -6.78 0.00	67.07 -9.23 0.00	55.84 -6.20 0.00	46.55 -4.89 0.00	40.95 -3.80 0.00	37.90 -3.07 0.00
OLIN_CORP_DSASP 323712	41.02 -3.23 0.00	38.22 -3.01 0.00	35.99 -2.79 0.00	35.90 -2.66 0.00	36.25 -2.60 0.00	41.92 -3.16 0.00	54.04 -4.19 0.00	72.79 -7.73 0.00	58.39 -6.20 0.00	45.19 -5.13 0.00	42.66 -4.22 0.00	38.14 -3.73 0.00	36.09 -3.92 0.00	34.54 -3.84 0.00	33.84 -3.80 0.00	34.93 -3.92 0.00	39.26 -4.75 0.00	46.44 -6.09 0.00	56.68 -7.29 0.00	66.46 -9.84 0.00	55.35 -6.70 0.00	46.14 -5.30 0.00	40.64 -4.12 0.00	37.65 -3.32 0.00
ONEIDA_HERK_LFGE 323681	44.82 0.57 0.00	41.69 0.45 0.00	39.28 0.50 0.00	39.02 0.46 0.00	39.24 0.39 0.00	45.66 0.58 0.00	59.22 0.99 0.00	82.29 1.77 0.00	66.01 1.42 0.00	51.23 0.91 0.00	47.63 0.75 0.00	42.49 0.63 0.00	40.65 0.64 0.00	38.99 0.61 0.00	38.21 0.57 0.00	39.39 0.54 0.00	44.63 0.62 0.00	53.48 0.95 0.00	65.38 1.41 0.00	77.91 1.60 0.00	63.35 1.31 0.00	52.46 1.03 0.00	45.38 0.63 0.00	41.47 0.49 0.00
ONEIDA___115KV_TB4 55905	45.00 0.75 0.00	41.89 0.66 0.00	39.48 0.70 0.00	39.21 0.66 0.00	39.48 0.62 0.00	45.93 0.86 0.00	59.57 1.34 0.00	82.69 2.17 0.00	66.27 1.68 0.00	51.38 1.06 0.00	47.82 0.94 0.00	42.57 0.71 0.00	40.65 0.64 0.00	38.95 0.58 0.00	38.17 0.53 0.00	39.39 0.54 0.00	44.63 0.62 0.00	53.38 0.84 0.00	65.25 1.28 0.00	77.90 1.60 0.00	63.41 1.37 0.00	52.51 1.08 0.00	45.51 0.76 0.00	41.63 0.66 0.00
ONONDAGA_REF_OCCRA 23987	43.27 -0.97 0.00	40.37 -0.87 0.00	38.04 -0.74 0.00	37.86 -0.69 0.00	38.16 -0.70 0.00	44.26 -0.81 0.00	57.30 -0.93 0.00	79.07 -1.45 0.00	63.43 -1.16 0.00	49.26 -1.06 0.00	45.85 -1.03 0.00	40.86 -1.00 0.00	39.01 -1.00 0.00	37.42 -0.96 0.00	36.66 -0.98 0.00	37.84 -1.01 0.00	42.78 -1.23 0.00	51.01 -1.52 0.00	62.31 -1.66 0.00	74.32 -1.98 0.00	60.68 -1.37 0.00	50.30 -1.13 0.00	43.68 -1.07 0.00	40.03 -0.94 0.00
ONONDAGA___COGEN 23986	43.36 -0.88 0.00	40.41 -0.82 0.00	38.12 -0.66 0.00	37.90 -0.66 0.00	38.23 -0.62 0.00	44.35 -0.72 0.00	57.36 -0.87 0.00	79.15 -1.37 0.00	63.50 -1.10 0.00	49.31 -1.01 0.00	45.95 -0.94 0.00	40.90 -0.96 0.00	39.05 -0.96 0.00	37.42 -0.96 0.00	36.70 -0.94 0.00	37.88 -0.97 0.00	42.78 -1.23 0.00	51.12 -1.42 0.00	62.37 -1.60 0.00	74.47 -1.83 0.00	60.75 -1.30 0.00	50.35 -1.08 0.00	43.72 -1.03 0.00	40.07 -0.90 0.00
ONTARIO___LFGE 23819	43.67 -0.58 0.00	40.70 -0.54 0.00	38.32 -0.46 0.00	38.17 -0.39 0.00	38.59 -0.27 0.00	44.80 -0.27 0.00	58.23 0.00 0.00	79.79 -0.73 0.00	63.89 -0.71 0.00	49.51 -0.81 0.00	46.13 -0.75 0.00	40.94 -0.92 0.00	38.97 -1.04 0.00	37.30 -1.07 0.00	36.55 -1.09 0.00	37.76 -1.09 0.00	42.60 -1.41 0.00	51.01 -1.53 0.00	62.38 -1.60 0.00	74.24 -2.06 0.00	61.05 -1.00 0.00	50.71 -0.72 0.00	43.99 -0.76 0.00	40.36 -0.61 0.00
ORANGEVILLE_WT_PWR 323706	42.25 -1.99 0.00	39.42 -1.81 0.00	37.15 -1.63 0.00	37.09 -1.47 0.00	37.57 -1.28 0.00	43.54 -1.53 0.00	56.54 -1.69 0.00	76.74 -3.78 0.00	61.17 -3.43 0.00	47.05 -3.27 0.00	44.02 -2.86 0.00	39.27 -2.60 0.00	37.25 -2.76 0.00	35.69 -2.69 0.00	35.01 -2.64 0.00	36.13 -2.72 0.00	40.58 -3.43 0.00	48.38 -4.15 0.00	59.69 -4.29 0.00	70.66 -5.65 0.00	58.51 -3.53 0.00	48.55 -2.88 0.00	42.42 -2.33 0.00	39.13 -1.84 0.00
ORANGEVILLE___ESR 323794	42.25 -1.99 0.00	39.42 -1.81 0.00	37.15 -1.63 0.00	37.09 -1.47 0.00	37.57 -1.28 0.00	43.54 -1.53 0.00	56.54 -1.69 0.00	76.74 -3.78 0.00	61.17 -3.43 0.00	47.05 -3.27 0.00	44.02 -2.86 0.00	39.27 -2.60 0.00	37.25 -2.76 0.00	35.69 -2.69 0.00	35.01 -2.64 0.00	36.13 -2.72 0.00	40.58 -3.43 0.00	48.38 -4.15 0.00	59.69 -4.29 0.00	70.66 -5.65 0.00	58.51 -3.53 0.00	48.55 -2.88 0.00	42.42 -2.33 0.00	39.13 -1.84 0.00
OSWEGATCHIE___HYD 24044	44.24 0.00 0.00	41.15 -0.08 0.00	38.78 0.00 0.00	38.52 -0.04 0.00	38.78 -0.08 0.00	45.12 0.05 0.00	58.41 0.18 0.00	81.01 0.49 0.00	65.11 0.51 0.00	50.42 0.10 0.00	46.88 0.00 0.00	41.86 0.00 0.00	40.13 0.12 0.00	38.46 0.08 0.00	37.68 0.04 0.00	38.81 -0.04 0.00	44.01 0.00 0.00	52.75 0.21 0.00	64.61 0.64 0.00	76.91 0.61 0.00	62.67 0.62 0.00	51.84 0.41 0.00	44.80 0.04 0.00	40.89 -0.08 0.00
OSWEGO___5 23606	42.65 -1.59 0.00	39.79 -1.44 0.00	37.50 -1.28 0.00	37.28 -1.27 0.00	37.61 -1.24 0.00	43.49 -1.58 0.00	56.31 -1.92 0.00	77.78 -2.74 0.00	62.33 -2.26 0.00	48.51 -1.81 0.00	45.20 -1.69 0.00	40.31 -1.55 0.00	38.49 -1.52 0.00	36.92 -1.46 0.00	36.21 -1.43 0.00	37.37 -1.48 0.00	42.20 -1.81 0.00	50.38 -2.16 0.00	61.48 -2.50 0.00	73.25 -3.05 0.00	59.75 -2.29 0.00	49.53 -1.90 0.00	43.10 -1.65 0.00	39.50 -1.47 0.00

OSWEGO___6 23613	42.65 -1.59 0.00	39.79 -1.44 0.00	37.50 -1.28 0.00	37.28 -1.27 0.00	37.61 -1.24 0.00	43.49 -1.58 0.00	56.31 -1.92 0.00	77.78 -2.74 0.00	62.33 -2.26 0.00	48.51 -1.81 0.00	45.20 -1.69 0.00	40.31 -1.55 0.00	38.49 -1.52 0.00	36.92 -1.46 0.00	36.21 -1.43 0.00	37.37 -1.48 0.00	42.20 -1.81 0.00	50.38 -2.16 0.00	61.48 -2.50 0.00	73.25 -3.05 0.00	59.75 -2.29 0.00	49.53 -1.90 0.00	43.10 -1.65 0.00	39.50 -1.47 0.00
OUTOKUMPU-AB___DRP 24206	41.72 -2.52 0.00	39.29 -1.94 0.00	37.08 -1.71 0.00	37.05 -1.50 0.00	37.38 -1.48 0.00	43.36 -1.71 0.00	55.91 -2.33 0.00	75.12 -5.39 0.00	60.53 -4.07 0.00	46.75 -3.57 0.00	44.12 -2.77 0.00	39.35 -2.51 0.00	37.25 -2.76 0.00	35.65 -2.72 0.00	34.89 -2.75 0.00	36.01 -2.84 0.00	40.45 -3.56 0.00	47.97 -4.57 0.00	58.66 -5.31 0.00	68.90 -7.40 0.00	57.33 -4.72 0.00	47.73 -3.70 0.00	41.98 -2.77 0.00	38.80 -2.17 0.00
OXBOW___BTM 323836	41.50 -2.74 0.00	38.72 -2.52 0.00	36.46 -2.33 0.00	36.36 -2.20 0.00	36.72 -2.14 0.00	42.51 -2.57 0.00	54.86 -3.38 0.00	73.92 -6.60 0.00	59.37 -5.23 0.00	45.89 -4.43 0.00	43.32 -3.57 0.00	38.68 -3.18 0.00	36.61 -3.40 0.00	35.08 -3.30 0.00	34.33 -3.31 0.00	35.43 -3.42 0.00	39.83 -4.18 0.00	47.18 -5.36 0.00	57.58 -6.40 0.00	67.60 -8.70 0.00	56.28 -5.77 0.00	46.91 -4.53 0.00	41.26 -3.49 0.00	38.18 -2.79 0.00
OXBOW____ 24026	41.06 -3.19 0.00	38.68 -2.56 0.00	36.49 -2.29 0.00	36.44 -2.12 0.00	36.80 -2.06 0.00	42.64 -2.43 0.00	54.92 -3.32 0.00	73.76 -6.76 0.00	59.36 -5.23 0.00	45.89 -4.43 0.00	43.32 -3.56 0.00	38.68 -3.18 0.00	36.61 -3.40 0.00	35.08 -3.30 0.00	34.33 -3.31 0.00	35.43 -3.42 0.00	39.83 -4.18 0.00	47.18 -5.36 0.00	57.64 -6.33 0.00	67.60 -8.70 0.00	56.28 -5.77 0.00	46.91 -4.53 0.00	41.26 -3.49 0.00	38.19 -2.79 0.00
OXY_CHEM_DSASP 323612	40.53 -3.72 0.00	38.18 -3.05 0.00	36.03 -2.75 0.00	35.97 -2.58 0.00	36.33 -2.53 0.00	42.10 -2.97 0.00	54.10 -4.13 0.00	72.55 -7.97 0.00	58.39 -6.20 0.00	45.19 -5.13 0.00	42.66 -4.22 0.00	38.14 -3.73 0.00	36.09 -3.92 0.00	34.54 -3.84 0.00	33.84 -3.80 0.00	34.92 -3.92 0.00	39.26 -4.75 0.00	46.44 -6.09 0.00	56.68 -7.29 0.00	66.46 -9.84 0.00	55.35 -6.70 0.00	46.14 -5.30 0.00	40.64 -4.12 0.00	37.65 -3.32 0.00
OZONE_PARK_ESR 323760	46.23 1.99 0.00	42.84 1.61 0.00	40.18 1.40 0.00	39.91 1.35 0.00	40.29 1.44 0.00	46.83 1.76 0.00	60.68 2.45 0.00	84.87 4.35 0.00	67.89 3.29 0.00	55.73 2.67 -2.75	53.85 2.58 -4.39	51.73 2.39 -7.49	47.38 2.28 -5.09	45.24 2.15 -4.71	45.18 2.15 -5.39	46.72 2.25 -5.62	46.83 2.82 0.00	55.85 3.31 0.00	67.75 3.77 0.00	80.96 4.65 0.00	65.40 3.35 0.00	54.21 2.78 0.00	47.35 2.60 0.00	43.18 2.21 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	40.53 -3.72 0.00	38.18 -3.05 0.00	36.03 -2.75 0.00	35.97 -2.58 0.00	36.33 -2.53 0.00	42.10 -2.97 0.00	54.10 -4.13 0.00	72.55 -7.97 0.00	58.39 -6.20 0.00	45.19 -5.13 0.00	42.66 -4.22 0.00	38.14 -3.73 0.00	36.09 -3.92 0.00	34.54 -3.84 0.00	33.84 -3.80 0.00	34.92 -3.92 0.00	39.26 -4.75 0.00	46.44 -6.09 0.00	56.68 -7.29 0.00	66.46 -9.84 0.00	55.35 -6.70 0.00	46.14 -5.30 0.00	40.64 -4.12 0.00	37.65 -3.32 0.00
PACKARD__115KV_DUPONT_184 80571	40.53 -3.72 0.00	38.18 -3.05 0.00	36.03 -2.75 0.00	35.97 -2.58 0.00	36.33 -2.53 0.00	42.10 -2.97 0.00	54.10 -4.13 0.00	72.55 -7.97 0.00	58.39 -6.20 0.00	45.19 -5.13 0.00	42.66 -4.22 0.00	38.14 -3.73 0.00	36.09 -3.92 0.00	34.54 -3.84 0.00	33.84 -3.80 0.00	34.92 -3.92 0.00	39.26 -4.75 0.00	46.44 -6.09 0.00	56.68 -7.29 0.00	66.46 -9.84 0.00	55.35 -6.70 0.00	46.14 -5.30 0.00	40.64 -4.12 0.00	37.65 -3.32 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	45.97 1.73 0.00	42.63 1.40 0.00	39.95 1.16 0.00	39.67 1.12 0.00	40.06 1.20 0.00	46.38 1.31 0.00	59.87 1.63 0.00	83.90 3.38 0.00	67.05 2.45 0.00	55.23 2.16 -2.74	53.38 2.11 -4.38	51.31 1.97 -7.48	47.06 1.96 -5.09	44.93 1.84 -4.71	44.84 1.81 -5.39	46.40 1.94 -5.61	46.43 2.42 0.00	55.27 2.73 0.00	66.92 2.94 0.00	79.96 3.66 0.00	64.59 2.54 0.00	53.59 2.16 0.00	46.90 2.15 0.00	42.94 1.97 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	46.28 2.04 0.00	42.88 1.65 0.00	40.18 1.40 0.00	39.91 1.35 0.00	40.25 1.40 0.00	46.61 1.53 0.00	60.21 1.98 0.00	84.30 3.78 0.00	67.37 2.78 0.00	55.43 2.37 -2.74	53.52 2.25 -4.38	51.43 2.09 -7.48	47.18 2.08 -5.09	45.01 1.92 -4.71	44.95 1.92 -5.39	46.48 2.02 -5.61	46.65 2.64 0.00	55.43 2.89 0.00	67.11 3.13 0.00	80.27 3.97 0.00	64.84 2.79 0.00	53.80 2.37 0.00	47.13 2.37 0.00	43.14 2.17 0.00
PATROON__115KV_TB1 80586	45.88 1.64 0.00	42.76 1.53 0.00	40.14 1.36 0.00	39.87 1.31 0.00	40.18 1.32 0.00	46.65 1.58 0.00	60.21 1.98 0.00	83.50 2.98 0.00	66.92 2.33 0.00	53.09 2.01 -0.76	49.88 1.78 -1.21	45.56 1.63 -2.07	42.98 1.56 -1.41	41.22 1.54 -1.30	40.60 1.47 -1.49	41.95 1.55 -1.55	45.77 1.76 0.00	54.64 2.10 0.00	66.40 2.43 0.00	79.35 3.05 0.00	64.28 2.23 0.00	53.23 1.80 0.00	46.41 1.66 0.00	42.53 1.56 0.00
PATTRSNVILLE___SOLAR 323815	45.75 1.51 0.00	42.55 1.32 0.00	40.02 1.24 0.00	39.75 1.20 0.00	40.06 1.21 0.00	46.65 1.58 0.00	60.27 2.04 0.00	83.41 2.89 0.00	66.79 2.20 0.00	52.57 1.61 -0.64	49.17 1.27 -1.02	44.70 1.09 -1.75	42.16 0.96 -1.19	40.44 0.96 -1.10	39.84 0.94 -1.26	41.17 1.01 -1.31	45.24 1.23 0.00	54.17 1.63 0.00	66.15 2.18 0.00	79.13 2.82 0.00	64.22 2.17 0.00	53.23 1.80 0.00	46.32 1.57 0.00	42.37 1.39 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	42.74 -1.50 0.00	40.16 -1.07 0.00	37.93 -0.85 0.00	37.86 -0.69 0.00	38.23 -0.62 0.00	44.35 -0.72 0.00	57.65 -0.58 0.00	77.62 -2.90 0.00	62.33 -2.26 0.00	48.11 -2.21 0.00	45.29 -1.59 0.00	40.44 -1.42 0.00	38.29 -1.72 0.00	36.65 -1.73 0.00	35.87 -1.77 0.00	37.06 -1.79 0.00	41.50 -2.51 0.00	49.33 -3.20 0.00	60.33 -3.65 0.00	71.11 -5.19 0.00	59.13 -2.92 0.00	49.12 -2.31 0.00	43.05 -1.70 0.00	39.87 -1.11 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	46.06 1.81 0.00	42.80 1.57 0.00	40.14 1.36 0.00	39.91 1.35 0.00	40.22 1.36 0.00	46.83 1.76 0.00	60.68 2.45 0.00	84.79 4.27 0.00	67.76 3.17 0.00	54.07 2.57 -1.19	51.17 2.39 -1.90	47.28 2.18 -3.24	44.17 1.96 -2.20	42.30 1.88 -2.04	41.86 1.88 -2.33	43.26 1.98 -2.43	46.43 2.42 0.00	55.43 2.89 0.00	67.49 3.52 0.00	80.65 4.35 0.00	65.21 3.16 0.00	54.01 2.57 0.00	47.04 2.28 0.00	42.90 1.93 0.00
PEEKSKILL____ 23653	45.57 1.33 0.00	42.39 1.15 0.00	39.79 1.01 0.00	39.56 1.00 0.00	39.86 1.01 0.00	46.38 1.31 0.00	59.92 1.69 0.00	83.41 2.89 0.00	66.66 2.07 0.00	69.06 1.76 -16.98	75.66 1.64 -27.13	89.70 1.55 -46.29	72.99 1.48 -31.50	68.89 1.38 -29.14	72.38 1.39 -33.35	75.07 1.48 -34.75	45.90 1.89 0.00	54.69 2.15 0.00	66.53 2.56 0.00	79.51 3.20 0.00	64.35 2.30 0.00	53.28 1.85 0.00	46.50 1.74 0.00	42.41 1.43 0.00

PGE MADISON___WINDPWR 24146	46.76 2.52 0.00	43.46 2.23 0.00	40.95 2.17 0.00	40.67 2.12 0.00	40.84 1.98 0.00	47.73 2.66 0.00	62.66 4.42 0.00	87.28 6.76 0.00	69.76 5.17 0.00	53.69 3.37 0.00	49.65 2.77 0.00	44.12 2.26 0.00	41.81 1.80 0.00	40.03 1.65 0.00	39.22 1.58 0.00	40.55 1.71 0.00	45.90 1.89 0.00	55.27 2.73 0.00	68.07 4.10 0.00	81.56 5.26 0.00	66.39 4.34 0.00	54.83 3.39 0.00	47.26 2.50 0.00	43.18 2.21 0.00
PIERCEFIELD___HYD 23852	44.64 0.40 0.00	41.56 0.33 0.00	39.13 0.35 0.00	38.86 0.31 0.00	39.17 0.31 0.00	45.48 0.41 0.00	58.88 0.64 0.00	81.24 0.72 0.00	65.63 1.03 0.00	50.82 0.50 0.00	47.31 0.42 0.00	42.24 0.38 0.00	40.45 0.44 0.00	38.76 0.38 0.00	38.02 0.38 0.00	39.12 0.27 0.00	44.41 0.40 0.00	53.22 0.68 0.00	65.00 1.02 0.00	77.22 0.92 0.00	63.04 0.99 0.00	52.15 0.72 0.00	45.11 0.36 0.00	41.22 0.25 0.00
PINELAWN_CC_1 323563	46.63 2.39 0.00	43.21 1.98 0.00	40.37 1.59 0.00	40.14 1.58 0.00	40.49 1.63 0.00	47.10 2.03 0.00	60.39 2.16 0.00	84.38 3.86 0.00	67.50 2.91 0.00	55.59 2.51 -2.76	53.49 2.20 -4.40	51.63 2.26 -7.51	47.32 2.20 -5.11	45.06 1.96 -4.73	45.20 2.14 -5.41	46.82 2.33 -5.64	47.27 3.26 0.00	55.95 3.41 0.00	68.13 4.16 0.00	81.41 5.11 0.00	65.58 3.53 0.00	54.42 2.98 0.00	47.93 3.18 0.00	43.55 2.58 0.00
PJM_GEN_HTP_PROXY 323702	45.92 1.68 0.00	42.64 1.40 0.00	40.02 1.24 0.00	39.79 1.23 0.00	40.14 1.28 0.00	46.65 1.58 0.00	60.33 2.09 0.00	84.15 3.63 0.00	67.37 2.78 0.00	55.34 2.27 -2.75	53.43 2.16 -4.39	51.40 2.05 -7.49	47.07 1.96 -5.10	44.94 1.84 -4.72	44.88 1.84 -5.40	46.41 1.94 -5.62	46.43 2.42 0.00	55.37 2.83 0.00	67.17 3.20 0.00	80.27 3.97 0.00	64.84 2.79 0.00	53.75 2.32 0.00	46.99 2.24 0.00	42.82 1.85 0.00
PJM_GEN_KEystone 24065	43.84 -0.40 0.00	40.86 -0.37 0.00	38.43 -0.35 0.00	38.25 -0.31 0.00	38.59 -0.27 0.00	44.76 -0.31 0.00	58.06 -0.17 0.00	79.79 -0.73 0.00	63.75 -0.84 0.00	46.97 -0.75 2.60	42.22 -0.51 4.15	34.37 -0.42 7.08	34.64 -0.56 4.82	33.35 -0.57 4.45	31.98 -0.56 5.10	32.99 -0.54 5.31	41.60 -0.71 1.71	46.00 -1.00 5.54	62.82 -1.15 0.00	74.78 -1.53 0.00	61.18 -0.87 0.00	50.71 -0.72 0.00	44.31 -0.45 0.00	40.69 -0.28 0.00
PJM_GEN_NEPTUNE_PROXY 323594	46.10 1.86 0.00	42.76 1.53 0.00	40.02 1.24 0.00	39.75 1.20 0.00	40.10 1.24 0.00	46.65 1.58 0.00	59.86 1.63 0.00	83.58 3.06 0.00	66.85 2.26 0.00	55.19 2.11 -2.76	53.16 1.88 -4.40	51.30 1.93 -7.51	47.00 1.88 -5.11	44.79 1.69 -4.73	44.86 1.81 -5.41	46.46 1.98 -5.64	46.70 2.69 0.00	55.37 2.83 0.00	67.23 3.26 0.00	80.34 4.04 0.00	64.78 2.73 0.00	53.80 2.37 0.00	47.30 2.55 0.00	43.02 2.05 0.00
PJM_GEN_VFT_PROXY 323633	45.70 1.46 0.00	42.39 1.15 0.00	39.83 1.05 0.00	39.56 1.00 0.00	39.86 1.01 0.00	46.38 1.31 0.00	59.98 1.75 0.00	83.12 3.14 0.53	64.51 2.32 2.41	55.08 2.01 -2.75	53.19 1.92 -4.39	51.15 1.80 -7.49	46.86 1.76 -5.09	44.70 1.61 -4.71	44.69 1.65 -5.39	46.22 1.75 -5.62	46.21 2.20 0.00	55.11 2.57 0.00	65.45 2.81 1.33	74.28 3.51 5.53	64.47 2.42 0.00	53.49 2.06 0.00	46.72 1.97 0.00	42.61 1.64 0.00
PLATSBURG_115KV_PMLD1 355749	46.23 1.99 0.00	43.05 1.81 0.00	40.53 1.75 0.00	40.25 1.70 0.00	40.57 1.71 0.00	47.06 1.98 0.00	60.91 2.68 0.00	83.82 3.30 0.00	67.89 3.29 0.00	52.69 2.37 0.00	49.09 2.20 0.00	43.83 1.97 0.00	41.93 1.92 0.00	40.18 1.80 0.00	39.37 1.73 0.00	40.56 1.71 0.00	45.99 1.98 0.00	55.06 2.52 0.00	67.11 3.13 0.00	79.66 3.36 0.00	65.09 3.04 0.00	53.75 2.31 0.00	46.45 1.70 0.00	42.49 1.52 0.00
PLEASANTVLY___LBMP 24000	45.53 1.28 0.00	42.35 1.11 0.00	39.71 0.93 0.00	39.48 0.93 0.00	39.83 0.97 0.00	46.24 1.17 0.00	59.81 1.57 0.00	83.34 2.82 0.00	66.73 2.13 0.00	53.96 1.81 -1.83	51.50 1.69 -2.93	48.40 1.55 -4.99	44.93 1.52 -3.40	42.94 1.42 -3.14	42.67 1.43 -3.60	44.11 1.52 -3.75	45.86 1.85 0.00	54.64 2.10 0.00	66.40 2.43 0.00	79.35 3.05 0.00	64.16 2.11 0.00	53.18 1.75 0.00	46.41 1.66 0.00	42.41 1.43 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	45.75 1.50 0.00	42.51 1.28 0.00	39.87 1.09 0.00	39.64 1.08 0.00	39.98 1.13 0.00	46.47 1.40 0.00	60.10 1.86 0.00	83.98 3.46 0.00	67.18 2.58 0.00	54.93 2.16 -2.44	52.80 2.02 -3.90	50.40 1.88 -6.66	46.34 1.80 -4.53	44.26 1.69 -4.19	44.13 1.69 -4.79	45.63 1.79 -5.00	46.21 2.20 0.00	55.06 2.52 0.00	66.92 2.94 0.00	79.96 3.66 0.00	64.65 2.61 0.00	53.59 2.16 0.00	46.77 2.01 0.00	42.69 1.72 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	45.75 1.50 0.00	42.51 1.28 0.00	39.87 1.09 0.00	39.64 1.08 0.00	39.98 1.13 0.00	46.47 1.40 0.00	60.10 1.86 0.00	83.98 3.46 0.00	67.18 2.58 0.00	54.93 2.16 -2.44	52.80 2.02 -3.90	50.40 1.88 -6.66	46.34 1.80 -4.53	44.26 1.69 -4.19	44.13 1.69 -4.79	45.63 1.79 -5.00	46.21 2.20 0.00	55.06 2.52 0.00	66.92 2.94 0.00	79.96 3.66 0.00	64.65 2.61 0.00	53.59 2.16 0.00	46.77 2.01 0.00	42.69 1.72 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	45.79 1.55 0.00	42.55 1.32 0.00	39.91 1.12 0.00	39.71 1.16 0.00	40.02 1.17 0.00	46.51 1.44 0.00	60.27 2.04 0.00	83.90 3.38 0.00	67.11 2.52 0.00	53.19 2.06 -0.80	50.00 1.83 -1.28	45.77 1.72 -2.19	43.14 1.64 -1.49	41.29 1.54 -1.38	40.76 1.54 -1.58	42.12 1.63 -1.65	46.04 2.02 0.00	54.90 2.36 0.00	66.79 2.81 0.00	79.89 3.59 0.00	64.59 2.54 0.00	53.49 2.06 0.00	46.68 1.92 0.00	42.61 1.64 0.00
POLETTI___ 23519	45.88 1.64 0.00	42.59 1.36 0.00	39.91 1.12 0.00	39.67 1.12 0.00	40.06 1.20 0.00	46.51 1.44 0.00	60.27 2.04 0.00	84.22 3.70 0.00	67.37 2.78 0.00	55.38 2.31 -2.75	53.47 2.20 -4.39	51.44 2.09 -7.49	47.10 2.00 -5.09	44.97 1.88 -4.71	44.92 1.88 -5.39	46.45 1.98 -5.62	46.48 2.46 0.00	55.43 2.89 0.00	67.17 3.20 0.00	80.27 3.97 0.00	64.84 2.79 0.00	53.80 2.37 0.00	47.04 2.28 0.00	42.90 1.93 0.00
POMONA___ESR 323819	45.53 1.28 0.00	42.35 1.11 0.00	39.75 0.97 0.00	39.52 0.96 0.00	39.83 0.97 0.00	46.29 1.22 0.00	59.92 1.69 0.00	83.34 2.82 0.00	66.60 2.00 0.00	46.77 1.71 5.26	40.07 1.59 8.41	29.02 1.50 14.35	31.69 1.44 9.76	30.65 1.31 9.03	28.66 1.35 10.34	29.51 1.44 10.77	45.86 1.85 0.00	54.64 2.10 0.00	66.46 2.49 0.00	79.43 3.13 0.00	64.28 2.23 0.00	53.28 1.85 0.00	46.45 1.70 0.00	42.41 1.43 0.00
PORT_JEFF_3 23555	46.63 2.39 0.00	43.29 2.06 0.00	40.33 1.55 0.00	40.10 1.54 0.00	40.56 1.71 0.00	46.88 1.80 0.00	59.98 1.75 0.00	83.82 3.30 0.00	66.99 2.39 0.00	55.14 2.06 -2.76	53.02 1.74 -4.40	51.30 1.93 -7.51	47.08 1.96 -5.11	44.79 1.69 -4.73	44.97 1.92 -5.41	46.62 2.14 -5.64	47.18 3.17 0.00	55.90 3.37 0.00	68.07 4.10 0.00	81.34 5.03 0.00	65.40 3.35 0.00	54.21 2.78 0.00	47.88 3.13 0.00	43.47 2.50 0.00

PORT_JEFF_4 23616	46.63 2.39 0.00	43.29 2.06 0.00	40.33 1.55 0.00	40.10 1.54 0.00	40.56 1.71 0.00	46.88 1.80 0.00	59.98 1.75 0.00	83.82 3.30 0.00	66.99 2.39 0.00	55.14 2.06 -2.76	53.02 1.74 -4.40	51.30 1.93 -7.51	47.08 1.96 -5.11	44.79 1.69 -4.73	44.97 1.92 -5.41	46.62 2.14 -5.64	47.18 3.17 0.00	55.90 3.37 0.00	68.07 4.10 0.00	81.34 5.03 0.00	65.40 3.35 0.00	54.21 2.78 0.00	47.88 3.13 0.00	43.47 2.50 0.00
PORT_JEFF_IC 23713	46.54 2.30 0.00	43.05 1.81 0.00	40.26 1.47 0.00	40.02 1.47 0.00	40.29 1.44 0.00	46.74 1.67 0.00	59.92 1.69 0.00	84.06 3.54 0.00	66.99 2.39 0.00	55.14 2.06 -2.76	53.02 1.73 -4.40	51.17 1.80 -7.51	47.04 1.92 -5.11	44.79 1.69 -4.73	44.97 1.92 -5.41	46.62 2.14 -5.64	47.22 3.21 0.00	55.90 3.36 0.00	68.07 4.09 0.00	81.41 5.11 0.00	65.40 3.35 0.00	54.21 2.78 0.00	47.84 3.09 0.00	43.47 2.50 0.00
PPL_PILGRIM_ST_GT1 24216	47.12 2.87 0.00	43.62 2.39 0.00	40.76 1.98 0.00	40.52 1.97 0.00	40.87 2.02 0.00	47.55 2.48 0.00	61.03 2.80 0.00	85.35 4.83 0.00	68.28 3.68 0.00	56.10 3.02 -2.76	53.96 2.67 -4.40	52.05 2.68 -7.51	47.68 2.56 -5.11	45.41 2.30 -4.73	45.57 2.52 -5.41	47.20 2.72 -5.64	47.75 3.74 0.00	56.64 4.10 0.00	68.97 4.99 0.00	82.41 6.11 0.00	66.33 4.28 0.00	54.98 3.55 0.00	48.42 3.67 0.00	43.96 2.99 0.00
PPL_PILGRIM_ST_GT2 24217	47.12 2.87 0.00	43.62 2.39 0.00	40.76 1.98 0.00	40.52 1.97 0.00	40.87 2.02 0.00	47.55 2.48 0.00	61.03 2.80 0.00	85.35 4.83 0.00	68.28 3.68 0.00	56.10 3.02 -2.76	53.96 2.67 -4.40	52.05 2.68 -7.51	47.68 2.56 -5.11	45.41 2.30 -4.73	45.57 2.52 -5.41	47.20 2.72 -5.64	47.75 3.74 0.00	56.64 4.10 0.00	68.97 4.99 0.00	82.41 6.11 0.00	66.33 4.28 0.00	54.98 3.55 0.00	48.42 3.67 0.00	43.96 2.99 0.00
PPL_SHRM_GT3 24213	46.24 1.99 0.00	43.13 1.90 0.00	39.94 1.16 0.00	39.71 1.16 0.00	40.33 1.48 0.00	45.88 0.81 0.00	59.11 0.87 0.00	82.37 1.85 0.00	65.63 1.03 0.00	53.98 0.91 -2.76	51.85 0.56 -4.40	50.21 0.84 -7.51	46.28 1.16 -5.11	44.03 0.92 -4.73	44.26 1.20 -5.41	45.92 1.44 -5.64	46.70 2.69 0.00	55.37 2.83 0.00	67.49 3.52 0.00	80.73 4.42 0.00	64.53 2.48 0.00	53.44 2.00 0.00	47.21 2.46 0.00	42.90 1.93 0.00
PPL_SHRM_GT4 24214	46.24 1.99 0.00	43.13 1.90 0.00	39.94 1.16 0.00	39.71 1.16 0.00	40.33 1.48 0.00	45.88 0.81 0.00	59.11 0.87 0.00	82.37 1.85 0.00	65.63 1.03 0.00	53.98 0.91 -2.76	51.85 0.56 -4.40	50.21 0.84 -7.51	46.28 1.16 -5.11	44.03 0.92 -4.73	44.26 1.20 -5.41	45.92 1.44 -5.64	46.70 2.69 0.00	55.37 2.83 0.00	67.49 3.52 0.00	80.73 4.42 0.00	64.53 2.48 0.00	53.44 2.00 0.00	47.21 2.46 0.00	42.90 1.93 0.00
PROJECT___ORANGE 1 24174	43.09 -1.15 0.00	40.20 -1.03 0.00	37.89 -0.89 0.00	37.71 -0.85 0.00	38.00 -0.85 0.00	44.08 -0.99 0.00	57.07 -1.16 0.00	78.67 -1.85 0.00	63.11 -1.49 0.00	49.06 -1.26 0.00	45.71 -1.17 0.00	40.69 -1.17 0.00	38.89 -1.12 0.00	37.27 -1.11 0.00	36.55 -1.09 0.00	37.72 -1.13 0.00	42.56 -1.45 0.00	50.75 -1.79 0.00	61.93 -2.05 0.00	73.86 -2.44 0.00	60.31 -1.74 0.00	50.04 -1.39 0.00	43.46 -1.30 0.00	39.82 -1.15 0.00
PROJECT___ORANGE 2 24166	43.09 -1.15 0.00	40.20 -1.03 0.00	37.89 -0.89 0.00	37.71 -0.85 0.00	38.00 -0.85 0.00	44.08 -0.99 0.00	57.07 -1.16 0.00	78.67 -1.85 0.00	63.11 -1.49 0.00	49.06 -1.26 0.00	45.71 -1.17 0.00	40.69 -1.17 0.00	38.89 -1.12 0.00	37.27 -1.11 0.00	36.55 -1.09 0.00	37.72 -1.13 0.00	42.56 -1.45 0.00	50.75 -1.79 0.00	61.93 -2.05 0.00	73.86 -2.44 0.00	60.31 -1.74 0.00	50.04 -1.39 0.00	43.46 -1.30 0.00	39.82 -1.15 0.00
PUCKETT___SOLAR 323809	44.55 0.31 0.00	41.52 0.29 0.00	39.09 0.31 0.00	38.86 0.31 0.00	39.20 0.35 0.00	45.57 0.50 0.00	59.34 1.10 0.00	81.89 1.37 0.00	65.43 0.84 0.00	50.62 0.30 0.00	47.07 0.19 0.00	41.86 0.00 0.00	39.85 -0.16 0.00	38.15 -0.23 0.00	37.42 -0.22 0.00	38.65 -0.19 0.00	43.75 -0.26 0.00	52.43 -0.10 0.00	64.23 0.26 0.00	76.68 0.38 0.00	62.67 0.62 0.00	51.84 0.41 0.00	44.98 0.22 0.00	41.26 0.29 0.00
PYRITES___HYD 24023	45.48 1.24 0.00	42.35 1.11 0.00	39.91 1.12 0.00	39.64 1.08 0.00	39.90 1.05 0.00	46.47 1.40 0.00	60.16 1.92 0.00	83.10 2.58 0.00	66.99 2.39 0.00	51.78 1.46 0.00	48.20 1.31 0.00	42.99 1.13 0.00	41.09 1.08 0.00	39.38 1.00 0.00	38.62 0.98 0.00	39.70 0.85 0.00	45.07 1.06 0.00	54.06 1.52 0.00	66.21 2.24 0.00	78.82 2.52 0.00	64.34 2.30 0.00	53.28 1.85 0.00	46.01 1.25 0.00	42.04 1.07 0.00
QUAKERRD_115KV_BK1 80622	41.63 -2.61 0.00	39.01 -2.23 0.00	36.80 -1.98 0.00	36.67 -1.89 0.00	36.99 -1.87 0.00	42.91 -2.16 0.00	55.44 -2.80 0.00	75.93 -4.59 0.00	61.04 -3.55 0.00	47.25 -3.07 0.00	44.26 -2.63 0.00	39.39 -2.47 0.00	37.45 -2.56 0.00	35.85 -2.53 0.00	35.08 -2.56 0.00	36.28 -2.56 0.00	40.89 -3.12 0.00	48.81 -3.73 0.00	59.69 -4.29 0.00	70.81 -5.49 0.00	58.14 -3.91 0.00	48.30 -3.14 0.00	42.02 -2.73 0.00	38.55 -2.42 0.00
QUEENSBRY_115KV_TB8 356137	45.88 1.64 0.00	42.72 1.48 0.00	40.18 1.40 0.00	39.83 1.27 0.00	40.22 1.36 0.00	46.92 1.85 0.00	60.68 2.45 0.00	84.30 3.78 0.00	67.63 3.04 0.00	53.35 2.31 -0.72	49.86 1.83 -1.15	45.49 1.67 -1.96	42.86 1.52 -1.33	40.95 1.34 -1.23	40.33 1.28 -1.41	41.71 1.40 -1.47	45.68 1.67 0.00	54.53 2.00 0.00	66.53 2.56 0.00	79.73 3.43 0.00	64.53 2.48 0.00	53.23 1.80 0.00	46.45 1.70 0.00	42.53 1.56 0.00
RAMAPO___LBMP 323565	45.30 1.06 0.00	42.10 0.87 0.00	39.48 0.70 0.00	39.25 0.69 0.00	39.59 0.74 0.00	45.97 0.90 0.00	59.63 1.40 0.00	83.02 2.50 0.00	66.27 1.68 0.00	46.02 1.41 5.71	39.12 1.36 9.13	27.59 1.30 15.57	30.62 1.20 10.59	29.69 1.11 9.80	27.59 1.17 11.22	28.40 1.24 11.69	45.64 1.63 0.00	54.37 1.84 0.00	66.15 2.18 0.00	79.05 2.75 0.00	64.03 1.99 0.00	53.03 1.59 0.00	46.27 1.52 0.00	42.24 1.27 0.00
RANKINE____ 23646	42.38 -1.86 0.00	39.87 -1.36 0.00	37.66 -1.12 0.00	37.59 -0.96 0.00	37.96 -0.89 0.00	44.04 -1.04 0.00	57.01 -1.22 0.00	76.65 -3.86 0.00	61.62 -2.97 0.00	47.60 -2.72 0.00	44.91 -1.97 0.00	40.06 -1.80 0.00	37.93 -2.08 0.00	36.31 -2.07 0.00	35.53 -2.11 0.00	36.71 -2.14 0.00	41.15 -2.86 0.00	48.86 -3.68 0.00	59.69 -4.29 0.00	70.20 -6.10 0.00	58.45 -3.60 0.00	48.60 -2.83 0.00	42.69 -2.06 0.00	39.50 -1.47 0.00
RAVENSWOOD_GT2_1 24244	45.92 1.68 0.00	42.63 1.40 0.00	39.95 1.16 0.00	39.71 1.16 0.00	40.10 1.24 0.00	46.51 1.44 0.00	60.27 2.04 0.00	84.30 3.78 0.00	67.37 2.78 0.00	55.43 2.37 -2.74	53.52 2.25 -4.38	51.43 2.09 -7.48	47.14 2.04 -5.09	44.97 1.88 -4.71	44.91 1.88 -5.39	46.48 2.02 -5.61	46.52 2.51 0.00	55.43 2.89 0.00	67.23 3.26 0.00	80.35 4.04 0.00	64.90 2.85 0.00	53.85 2.42 0.00	47.04 2.28 0.00	42.90 1.93 0.00

RAVENSWOOD_GT2_2 24245	45.92 1.68 0.00	42.63 1.40 0.00	39.95 1.16 0.00	39.71 1.16 0.00	40.10 1.24 0.00	46.51 1.44 0.00	60.27 2.04 0.00	84.30 3.78 0.00	67.37 2.78 0.00	55.43 2.37 -2.74	53.52 2.25 -4.38	51.43 2.09 -7.48	47.14 2.04 -5.09	44.97 1.88 -4.71	44.91 1.88 -5.39	46.48 2.02 -5.61	46.52 2.51 0.00	55.43 2.89 0.00	67.23 3.26 0.00	80.35 4.04 0.00	64.90 2.85 0.00	53.85 2.42 0.00	47.04 2.28 0.00	42.90 1.93 0.00
RAVENSWOOD_GT2_3 24246	45.92 1.68 0.00	42.63 1.40 0.00	39.95 1.16 0.00	39.71 1.16 0.00	40.10 1.24 0.00	46.56 1.49 0.00	60.27 2.04 0.00	84.30 3.78 0.00	67.44 2.84 0.00	55.43 2.37 -2.74	53.52 2.25 -4.38	51.48 2.13 -7.48	47.14 2.04 -5.09	45.01 1.92 -4.71	44.95 1.92 -5.39	46.48 2.02 -5.61	46.52 2.51 0.00	55.48 2.94 0.00	67.23 3.26 0.00	80.35 4.04 0.00	64.90 2.85 0.00	53.85 2.42 0.00	47.04 2.28 0.00	42.94 1.97 0.00
RAVENSWOOD_GT2_4 24247	45.92 1.68 0.00	42.63 1.40 0.00	39.95 1.16 0.00	39.71 1.16 0.00	40.10 1.24 0.00	46.56 1.49 0.00	60.27 2.04 0.00	84.30 3.78 0.00	67.44 2.84 0.00	55.43 2.37 -2.74	53.52 2.25 -4.38	51.48 2.13 -7.48	47.14 2.04 -5.09	45.01 1.92 -4.71	44.95 1.92 -5.39	46.48 2.02 -5.61	46.52 2.51 0.00	55.48 2.94 0.00	67.23 3.26 0.00	80.35 4.04 0.00	64.90 2.85 0.00	53.85 2.42 0.00	47.04 2.28 0.00	42.94 1.97 0.00
RAVENSWOOD_GT3_1 24248	45.92 1.68 0.00	42.63 1.40 0.00	39.95 1.16 0.00	39.71 1.16 0.00	40.10 1.24 0.00	46.56 1.49 0.00	60.27 2.04 0.00	84.30 3.78 0.00	67.44 2.84 0.00	55.43 2.37 -2.74	53.52 2.25 -4.38	51.43 2.09 -7.48	47.14 2.04 -5.09	45.01 1.92 -4.71	44.95 1.92 -5.39	46.48 2.02 -5.61	46.52 2.51 0.00	55.43 2.89 0.00	67.23 3.26 0.00	80.35 4.04 0.00	64.90 2.85 0.00	53.85 2.42 0.00	47.04 2.28 0.00	42.90 1.93 0.00
RAVENSWOOD_GT3_2 24249	45.92 1.68 0.00	42.63 1.40 0.00	39.95 1.16 0.00	39.71 1.16 0.00	40.10 1.24 0.00	46.56 1.49 0.00	60.27 2.04 0.00	84.30 3.78 0.00	67.44 2.84 0.00	55.43 2.37 -2.74	53.52 2.25 -4.38	51.43 2.09 -7.48	47.14 2.04 -5.09	45.01 1.92 -4.71	44.95 1.92 -5.39	46.48 2.02 -5.61	46.52 2.51 0.00	55.43 2.89 0.00	67.23 3.26 0.00	80.35 4.04 0.00	64.90 2.85 0.00	53.85 2.42 0.00	47.04 2.28 0.00	42.90 1.93 0.00
RAVENSWOOD_GT3_3 24250	45.97 1.73 0.00	42.68 1.44 0.00	39.98 1.20 0.00	39.75 1.20 0.00	40.14 1.28 0.00	46.61 1.53 0.00	60.33 2.10 0.00	84.38 3.86 0.00	67.50 2.91 0.00	55.48 2.42 -2.74	53.56 2.30 -4.38	51.52 2.18 -7.48	47.18 2.08 -5.09	45.04 1.96 -4.71	44.99 1.96 -5.39	46.52 2.06 -5.61	46.56 2.55 0.00	55.53 2.99 0.00	67.30 3.33 0.00	80.42 4.12 0.00	64.97 2.92 0.00	53.90 2.47 0.00	47.08 2.33 0.00	42.98 2.01 0.00
RAVENSWOOD_GT3_4 24251	45.97 1.73 0.00	42.68 1.44 0.00	39.98 1.20 0.00	39.75 1.20 0.00	40.14 1.28 0.00	46.61 1.53 0.00	60.33 2.10 0.00	84.38 3.86 0.00	67.50 2.91 0.00	55.48 2.42 -2.74	53.56 2.30 -4.38	51.52 2.18 -7.48	47.18 2.08 -5.09	45.04 1.96 -4.71	44.99 1.96 -5.39	46.52 2.06 -5.61	46.56 2.55 0.00	55.53 2.99 0.00	67.30 3.33 0.00	80.42 4.12 0.00	64.97 2.92 0.00	53.90 2.47 0.00	47.08 2.33 0.00	42.98 2.01 0.00
RAVENSWOOD_GT_1 23729	46.06 1.81 0.00	42.76 1.53 0.00	40.06 1.28 0.00	39.83 1.27 0.00	40.22 1.36 0.00	46.61 1.53 0.00	60.27 2.04 0.00	84.38 3.86 0.00	67.44 2.84 0.00	55.53 2.47 -2.74	53.61 2.34 -4.38	51.56 2.22 -7.48	47.26 2.16 -5.09	45.12 2.03 -4.71	45.06 2.03 -5.39	46.60 2.14 -5.61	46.65 2.64 0.00	55.58 3.05 0.00	67.23 3.26 0.00	80.35 4.04 0.00	64.90 2.85 0.00	53.90 2.47 0.00	47.13 2.37 0.00	43.06 2.09 0.00
RAVENSWOOD_GT_10 24258	45.92 1.68 0.00	42.63 1.40 0.00	39.95 1.16 0.00	39.71 1.16 0.00	40.06 1.20 0.00	46.51 1.44 0.00	60.27 2.04 0.00	84.30 3.78 0.00	67.44 2.84 0.00	55.43 2.37 -2.74	53.52 2.25 -4.38	51.43 2.09 -7.48	47.14 2.04 -5.09	44.97 1.88 -4.71	44.91 1.88 -5.39	46.48 2.02 -5.61	46.52 2.51 0.00	55.43 2.89 0.00	67.23 3.26 0.00	80.35 4.04 0.00	64.90 2.85 0.00	53.85 2.42 0.00	47.04 2.28 0.00	42.90 1.93 0.00
RAVENSWOOD_GT_11 24259	45.92 1.68 0.00	42.63 1.40 0.00	39.95 1.16 0.00	39.71 1.16 0.00	40.06 1.20 0.00	46.51 1.44 0.00	60.27 2.04 0.00	84.30 3.78 0.00	67.44 2.84 0.00	55.43 2.37 -2.74	53.52 2.25 -4.38	51.43 2.09 -7.48	47.14 2.04 -5.09	44.97 1.88 -4.71	44.91 1.88 -5.39	46.48 2.02 -5.61	46.52 2.51 0.00	55.43 2.89 0.00	67.23 3.26 0.00	80.35 4.04 0.00	64.90 2.85 0.00	53.85 2.42 0.00	47.04 2.28 0.00	42.90 1.93 0.00
RAVENSWOOD_GT_4 24252	45.88 1.64 0.00	42.59 1.36 0.00	39.91 1.12 0.00	39.67 1.12 0.00	40.06 1.20 0.00	46.51 1.44 0.00	60.27 2.04 0.00	84.30 3.78 0.00	67.37 2.78 0.00	55.38 2.31 -2.74	53.47 2.20 -4.38	51.43 2.09 -7.48	47.10 2.00 -5.09	44.97 1.88 -4.71	44.91 1.88 -5.39	46.44 1.98 -5.61	46.48 2.46 0.00	55.43 2.89 0.00	67.23 3.26 0.00	80.35 4.04 0.00	64.90 2.85 0.00	53.85 2.42 0.00	47.04 2.28 0.00	42.86 1.88 0.00
RAVENSWOOD_GT_5 24254	45.88 1.64 0.00	42.59 1.36 0.00	39.91 1.12 0.00	39.67 1.12 0.00	40.06 1.20 0.00	46.51 1.44 0.00	60.27 2.04 0.00	84.30 3.78 0.00	67.37 2.78 0.00	55.38 2.31 -2.74	53.47 2.20 -4.38	51.43 2.09 -7.48	47.10 2.00 -5.09	44.97 1.88 -4.71	44.91 1.88 -5.39	46.44 1.98 -5.61	46.48 2.46 0.00	55.43 2.89 0.00	67.23 3.26 0.00	80.35 4.04 0.00	64.90 2.85 0.00	53.85 2.42 0.00	47.04 2.28 0.00	42.86 1.88 0.00
RAVENSWOOD_GT_6 24253	45.88 1.64 0.00	42.59 1.36 0.00	39.91 1.12 0.00	39.67 1.12 0.00	40.06 1.20 0.00	46.51 1.44 0.00	60.27 2.04 0.00	84.30 3.78 0.00	67.37 2.78 0.00	55.38 2.31 -2.74	53.47 2.20 -4.38	51.43 2.09 -7.48	47.10 2.00 -5.09	44.97 1.88 -4.71	44.91 1.88 -5.39	46.44 1.98 -5.61	46.48 2.46 0.00	55.43 2.89 0.00	67.23 3.26 0.00	80.35 4.04 0.00	64.90 2.85 0.00	53.85 2.42 0.00	47.04 2.28 0.00	42.86 1.88 0.00
RAVENSWOOD_GT_7 24255	45.88 1.64 0.00	42.59 1.36 0.00	39.91 1.12 0.00	39.67 1.12 0.00	40.06 1.20 0.00	46.51 1.44 0.00	60.27 2.04 0.00	84.30 3.78 0.00	67.37 2.78 0.00	55.38 2.31 -2.74	53.47 2.20 -4.38	51.43 2.09 -7.48	47.10 2.00 -5.09	44.97 1.88 -4.71	44.91 1.88 -5.39	46.44 1.98 -5.61	46.48 2.46 0.00	55.43 2.89 0.00	67.23 3.26 0.00	80.35 4.04 0.00	64.90 2.85 0.00	53.85 2.42 0.00	47.04 2.28 0.00	42.86 1.88 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	45.92 1.68 0.00	42.63 1.40 0.00	39.95 1.16 0.00	39.71 1.16 0.00	40.06 1.20 0.00	46.51 1.44 0.00	60.27 2.04 0.00	84.30 3.78 0.00	67.44 2.84 0.00	55.43 2.37 -2.74	53.52 2.25 -4.38	51.43 2.09 -7.48	47.14 2.04 -5.09	44.97 1.88 -4.71	44.91 1.88 -5.39	46.48 2.02 -5.61	46.52 2.51 0.00	55.43 2.89 0.00	67.23 3.26 0.00	80.35 4.04 0.00	64.90 2.85 0.00	53.85 2.42 0.00	47.04 2.28 0.00	42.90 1.93 0.00

RAVENSWOOD_GT_9 24257	45.92 1.68 0.00	42.63 1.40 0.00	39.95 1.16 0.00	39.71 1.16 0.00	40.06 1.20 0.00	46.51 1.44 0.00	60.27 2.04 0.00	84.30 3.78 0.00	67.44 2.84 0.00	55.43 2.37 -2.74	53.52 2.25 -4.38	51.43 2.09 -7.48	47.14 2.04 -5.09	44.97 1.88 -4.71	44.91 1.88 -5.39	46.48 2.02 -5.61	46.52 2.51 0.00	55.43 2.89 0.00	67.23 3.26 0.00	80.35 4.04 0.00	64.90 2.85 0.00	53.85 2.42 0.00	47.04 2.28 0.00	42.90 1.93 0.00
RAVENSWOOD___1 23533	46.19 1.94 0.00	42.84 1.61 0.00	40.26 1.47 0.00	40.02 1.46 0.00	40.29 1.44 0.00	46.78 1.71 0.00	60.39 2.16 0.00	84.30 3.79 0.00	67.43 2.84 0.00	55.53 2.47 -2.74	53.61 2.34 -4.38	51.56 2.22 -7.48	47.26 2.16 -5.09	45.12 2.03 -4.71	45.06 2.03 -5.39	46.60 2.14 -5.61	46.65 2.64 0.00	55.58 3.05 0.00	67.23 3.26 0.00	80.34 4.04 0.00	64.90 2.86 0.00	53.90 2.47 0.00	47.12 2.37 0.00	43.06 2.09 0.00
RAVENSWOOD___2 23534	46.19 1.94 0.00	42.84 1.61 0.00	40.26 1.47 0.00	40.02 1.46 0.00	40.29 1.44 0.00	46.78 1.71 0.00	60.39 2.16 0.00	84.30 3.79 0.00	67.43 2.84 0.00	55.53 2.47 -2.74	53.61 2.34 -4.38	51.56 2.22 -7.48	47.26 2.16 -5.09	45.12 2.03 -4.71	45.06 2.03 -5.39	46.60 2.14 -5.61	46.65 2.64 0.00	55.58 3.05 0.00	67.23 3.26 0.00	80.34 4.04 0.00	64.90 2.86 0.00	53.90 2.47 0.00	47.12 2.37 0.00	43.06 2.09 0.00
RAVENSWOOD___3 23535	46.01 1.77 0.00	42.72 1.48 0.00	40.10 1.32 0.00	39.87 1.31 0.00	40.18 1.32 0.00	46.69 1.62 0.00	60.39 2.16 0.00	84.23 3.71 0.00	67.43 2.84 0.00	55.43 2.37 -2.74	53.52 2.25 -4.38	51.43 2.09 -7.48	47.14 2.04 -5.09	44.97 1.88 -4.71	44.95 1.92 -5.39	46.48 2.02 -5.61	46.52 2.51 0.00	55.42 2.89 0.00	67.23 3.26 0.00	80.34 4.04 0.00	64.90 2.86 0.00	53.80 2.37 0.00	47.03 2.28 0.00	42.90 1.93 0.00
RAVENSWOOD___4 23820	46.19 1.94 0.00	42.84 1.61 0.00	40.25 1.47 0.00	40.02 1.46 0.00	40.29 1.44 0.00	46.78 1.71 0.00	60.39 2.16 0.00	84.30 3.79 0.00	67.43 2.84 0.00	55.53 2.47 -2.74	53.61 2.34 -4.38	51.56 2.22 -7.48	47.26 2.16 -5.09	45.12 2.03 -4.71	45.06 2.03 -5.39	46.60 2.14 -5.61	46.65 2.64 0.00	55.58 3.05 0.00	67.23 3.26 0.00	80.34 4.04 0.00	64.90 2.86 0.00	53.90 2.47 0.00	47.12 2.37 0.00	43.06 2.09 0.00
RCPL_TRUST___DRP 24196	45.92 1.68 0.00	42.63 1.40 0.00	39.95 1.16 0.00	39.71 1.16 0.00	40.10 1.24 0.00	46.56 1.49 0.00	60.33 2.10 0.00	84.38 3.86 0.00	67.50 2.91 0.00	55.43 2.37 -2.75	53.57 2.30 -4.39	51.49 2.13 -7.49	47.15 2.04 -5.10	45.01 1.92 -4.72	44.96 1.92 -5.40	46.53 2.06 -5.62	46.52 2.51 0.00	55.48 2.94 0.00	67.30 3.33 0.00	80.42 4.12 0.00	64.97 2.92 0.00	53.90 2.47 0.00	47.08 2.33 0.00	42.90 1.93 0.00
RED___ROCHESTER 323720	42.78 -1.46 0.00	39.91 -1.32 0.00	37.58 -1.20 0.00	37.44 -1.12 0.00	37.81 -1.05 0.00	43.81 -1.26 0.00	56.78 -1.45 0.00	77.62 -2.90 0.00	62.33 -2.26 0.00	48.21 -2.11 0.00	45.24 -1.64 0.00	40.27 -1.59 0.00	38.25 -1.76 0.00	36.61 -1.76 0.00	35.84 -1.81 0.00	37.06 -1.79 0.00	41.72 -2.29 0.00	49.80 -2.73 0.00	61.03 -2.94 0.00	72.26 -4.05 0.00	59.45 -2.60 0.00	49.37 -2.06 0.00	42.96 -1.79 0.00	39.46 -1.52 0.00
REGAN___SOLAR 323812	47.16 2.92 0.00	43.83 2.60 0.00	41.27 2.48 0.00	40.95 2.39 0.00	41.30 2.45 0.00	48.27 3.20 0.00	62.54 4.31 0.00	86.64 6.12 0.00	69.18 4.59 0.00	54.05 3.17 -0.56	50.31 2.53 -0.90	45.52 2.13 -1.53	42.85 2.04 -1.04	41.18 1.84 -0.96	40.55 1.81 -1.10	41.94 1.94 -1.15	46.34 2.33 0.00	55.74 3.21 0.00	68.45 4.48 0.00	82.10 5.80 0.00	66.64 4.59 0.00	55.19 3.75 0.00	47.93 3.18 0.00	43.68 2.70 0.00
RENSSELAER___COGEN 23796	45.75 1.51 0.00	42.64 1.40 0.00	40.02 1.24 0.00	39.75 1.20 0.00	40.10 1.24 0.00	46.61 1.53 0.00	59.98 1.75 0.00	83.10 2.58 0.00	66.60 2.00 0.00	52.80 1.71 -0.77	49.66 1.54 -1.23	45.35 1.38 -2.10	42.80 1.36 -1.43	41.01 1.31 -1.32	40.44 1.28 -1.52	41.79 1.36 -1.58	45.55 1.54 0.00	54.37 1.84 0.00	66.08 2.11 0.00	78.90 2.60 0.00	63.91 1.86 0.00	52.97 1.54 0.00	46.23 1.47 0.00	42.37 1.39 0.00
REPUBLIC_115KV_BARTNBRK 55605	47.69 3.45 0.00	44.28 3.05 0.00	41.65 2.87 0.00	41.22 2.66 0.00	41.73 2.88 0.00	48.81 3.74 0.00	63.30 5.07 0.00	87.69 7.17 0.00	70.28 5.68 0.00	55.32 4.28 -0.72	51.55 3.52 -1.15	47.01 3.18 -1.96	44.23 2.88 -1.34	42.23 2.61 -1.24	41.50 2.45 -1.41	43.00 2.68 -1.47	47.18 3.17 0.00	56.48 3.94 0.00	69.28 5.31 0.00	83.24 6.94 0.00	67.51 5.46 0.00	55.50 4.06 0.00	48.29 3.54 0.00	44.13 3.15 0.00
REVERE_CPPR_DRP 24186	45.35 1.11 0.00	42.22 0.99 0.00	39.79 1.01 0.00	39.52 0.96 0.00	39.75 0.89 0.00	46.29 1.22 0.00	60.10 1.86 0.00	83.50 2.98 0.00	67.05 2.45 0.00	51.93 1.61 0.00	48.24 1.36 0.00	42.99 1.13 0.00	41.01 1.00 0.00	39.30 0.92 0.00	38.51 0.87 0.00	39.74 0.89 0.00	45.02 1.01 0.00	53.90 1.37 0.00	66.02 2.05 0.00	78.82 2.52 0.00	64.10 2.05 0.00	53.08 1.65 0.00	45.92 1.16 0.00	41.96 0.98 0.00
REYNOLDS_115KV_TB3 80639	45.70 1.46 0.00	42.63 1.40 0.00	39.98 1.20 0.00	39.71 1.16 0.00	40.02 1.17 0.00	46.42 1.35 0.00	59.92 1.69 0.00	83.02 2.50 0.00	66.53 1.94 0.00	52.83 1.71 -0.79	49.70 1.55 -1.27	45.45 1.42 -2.16	42.84 1.36 -1.47	41.12 1.38 -1.36	40.52 1.32 -1.56	41.87 1.40 -1.63	45.60 1.58 0.00	54.37 1.84 0.00	66.08 2.11 0.00	78.90 2.59 0.00	63.85 1.80 0.00	52.98 1.54 0.00	46.19 1.43 0.00	42.36 1.39 0.00
RIVERBAY____ 323610	46.28 2.04 0.00	42.88 1.65 0.00	40.18 1.40 0.00	39.91 1.35 0.00	40.25 1.40 0.00	46.61 1.53 0.00	60.21 1.98 0.00	84.30 3.78 0.00	67.37 2.78 0.00	55.43 2.37 -2.74	53.52 2.25 -4.38	51.43 2.09 -7.48	47.18 2.08 -5.09	45.01 1.92 -4.71	44.95 1.92 -5.39	46.48 2.02 -5.61	46.65 2.64 0.00	55.43 2.89 0.00	67.11 3.13 0.00	80.27 3.97 0.00	64.84 2.79 0.00	53.80 2.37 0.00	47.13 2.37 0.00	43.14 2.17 0.00
RIVERSDE_115KV_TB3 55908	45.79 1.55 0.00	42.68 1.44 0.00	40.02 1.24 0.00	39.75 1.20 0.00	40.10 1.24 0.00	46.51 1.44 0.00	60.04 1.81 0.00	83.26 2.74 0.00	66.66 2.07 0.00	52.91 1.81 -0.78	49.77 1.64 -1.25	45.49 1.51 -2.12	42.90 1.44 -1.45	41.14 1.42 -1.34	40.53 1.36 -1.53	41.88 1.44 -1.60	45.64 1.63 0.00	54.48 1.94 0.00	66.21 2.24 0.00	79.05 2.75 0.00	64.03 1.99 0.00	53.08 1.65 0.00	46.27 1.52 0.00	42.45 1.47 0.00
ROARING___BROOK_WT_PWR 323790	44.07 -0.18 0.00	41.03 -0.21 0.00	38.55 -0.23 0.00	38.29 -0.27 0.00	38.54 -0.31 0.00	44.71 -0.36 0.00	57.71 -0.53 0.00	79.79 -0.73 0.00	64.15 -0.45 0.00	50.02 -0.30 0.00	46.70 -0.19 0.00	41.78 -0.08 0.00	40.01 0.00 0.00	38.46 0.08 0.00	37.72 0.08 0.00	38.96 0.12 0.00	44.19 0.18 0.00	52.80 0.26 0.00	64.23 0.26 0.00	76.30 0.00 0.00	61.99 -0.06 0.00	51.28 -0.15 0.00	44.49 -0.27 0.00	40.64 -0.33 0.00

ROCHESRG_115KV_T4 355643	42.16 -2.08 0.00	39.54 -1.69 0.00	37.31 -1.47 0.00	37.17 -1.39 0.00	37.53 -1.32 0.00	43.54 -1.53 0.00	56.20 -2.04 0.00	76.57 -3.95 0.00	61.56 -3.04 0.00	47.65 -2.67 0.00	44.73 -2.16 0.00	39.85 -2.01 0.00	37.85 -2.16 0.00	36.27 -2.11 0.00	35.50 -2.15 0.00	36.67 -2.18 0.00	41.33 -2.68 0.00	49.23 -3.31 0.00	60.26 -3.71 0.00	71.27 -5.04 0.00	58.70 -3.35 0.00	48.76 -2.67 0.00	42.52 -2.24 0.00	39.09 -1.88 0.00
ROCHESTER_9_IC 23652	42.38 -1.86 0.00	39.75 -1.48 0.00	37.50 -1.28 0.00	37.36 -1.20 0.00	37.73 -1.13 0.00	43.77 -1.31 0.00	56.55 -1.69 0.00	77.06 -3.46 0.00	62.01 -2.58 0.00	47.96 -2.37 0.00	45.01 -1.88 0.00	40.06 -1.80 0.00	38.05 -1.96 0.00	36.46 -1.92 0.00	35.68 -1.96 0.00	36.87 -1.98 0.00	41.55 -2.46 0.00	49.54 -2.99 0.00	60.65 -3.33 0.00	71.80 -4.50 0.00	59.13 -2.92 0.00	49.12 -2.31 0.00	42.74 -2.01 0.00	39.29 -1.68 0.00
ROCKVIEW_13_KV_LD 356306	45.92 1.68 0.00	42.63 1.40 0.00	39.98 1.20 0.00	39.75 1.20 0.00	40.10 1.24 0.00	46.61 1.53 0.00	60.33 2.10 0.00	84.30 3.78 0.00	67.44 2.84 0.00	55.43 2.37 -2.74	53.47 2.20 -4.38	51.39 2.05 -7.48	47.06 1.96 -5.09	44.89 1.80 -4.70	44.87 1.84 -5.39	46.40 1.94 -5.61	46.43 2.42 0.00	55.32 2.78 0.00	67.23 3.26 0.00	80.35 4.04 0.00	64.97 2.92 0.00	53.85 2.42 0.00	46.99 2.24 0.00	42.86 1.88 0.00
ROME____115KV_TB2 80656	45.35 1.11 0.00	42.22 0.99 0.00	39.79 1.01 0.00	39.52 0.96 0.00	39.75 0.89 0.00	46.29 1.22 0.00	60.10 1.86 0.00	83.50 2.98 0.00	67.05 2.45 0.00	51.93 1.61 0.00	48.24 1.36 0.00	42.99 1.13 0.00	41.01 1.00 0.00	39.30 0.92 0.00	38.51 0.87 0.00	39.74 0.89 0.00	45.02 1.01 0.00	53.90 1.37 0.00	66.02 2.05 0.00	78.82 2.52 0.00	64.10 2.05 0.00	53.08 1.65 0.00	45.92 1.16 0.00	41.96 0.98 0.00
ROSETON___1 23587	45.53 1.28 0.00	42.35 1.11 0.00	39.75 0.97 0.00	39.52 0.96 0.00	39.83 0.97 0.00	46.29 1.22 0.00	59.75 1.51 0.00	83.34 2.82 0.00	66.72 2.13 0.00	53.91 1.81 -1.78	51.41 1.69 -2.84	48.30 1.59 -4.84	44.83 1.52 -3.30	42.85 1.42 -3.05	42.56 1.43 -3.49	44.00 1.51 -3.64	45.73 1.71 0.00	54.53 2.00 0.00	66.27 2.30 0.00	79.20 2.90 0.00	64.09 2.04 0.00	53.08 1.65 0.00	46.36 1.61 0.00	42.32 1.35 0.00
ROSETON___2 23588	45.53 1.28 0.00	42.35 1.11 0.00	39.75 0.97 0.00	39.52 0.96 0.00	39.83 0.97 0.00	46.29 1.22 0.00	59.75 1.51 0.00	83.34 2.82 0.00	66.72 2.13 0.00	53.91 1.81 -1.78	51.41 1.69 -2.84	48.30 1.59 -4.84	44.83 1.52 -3.30	42.85 1.42 -3.05	42.56 1.43 -3.49	44.00 1.51 -3.64	45.73 1.71 0.00	54.53 2.00 0.00	66.27 2.30 0.00	79.20 2.90 0.00	64.09 2.04 0.00	53.08 1.65 0.00	46.36 1.61 0.00	42.32 1.35 0.00
ROTRDAM_115KV_TB3 80664	45.30 1.06 0.00	42.18 0.95 0.00	39.63 0.85 0.00	39.37 0.81 0.00	39.71 0.85 0.00	46.11 1.04 0.00	59.57 1.34 0.00	82.61 2.09 0.00	66.15 1.55 0.00	52.25 1.26 -0.67	49.03 1.08 -1.07	44.65 0.96 -1.82	42.17 0.92 -1.24	40.41 0.88 -1.15	39.82 0.87 -1.31	41.15 0.93 -1.37	45.11 1.10 0.00	53.90 1.37 0.00	65.64 1.66 0.00	78.44 2.14 0.00	63.60 1.55 0.00	52.72 1.29 0.00	45.92 1.16 0.00	42.04 1.07 0.00
RUSSELL___1 23602	42.56 -1.68 0.00	39.91 -1.32 0.00	37.66 -1.12 0.00	37.51 -1.04 0.00	37.88 -0.97 0.00	43.95 -1.13 0.00	56.84 -1.40 0.00	77.46 -3.06 0.00	62.33 -2.26 0.00	48.21 -2.11 0.00	45.24 -1.64 0.00	40.27 -1.59 0.00	38.25 -1.76 0.00	36.61 -1.77 0.00	35.84 -1.81 0.00	37.06 -1.79 0.00	41.72 -2.29 0.00	49.80 -2.73 0.00	61.03 -2.94 0.00	72.26 -4.04 0.00	59.44 -2.61 0.00	49.38 -2.06 0.00	42.96 -1.79 0.00	39.46 -1.52 0.00
RUSSELL___2 23532	42.56 -1.68 0.00	39.91 -1.32 0.00	37.66 -1.12 0.00	37.51 -1.04 0.00	37.88 -0.97 0.00	43.95 -1.13 0.00	56.84 -1.40 0.00	77.46 -3.06 0.00	62.33 -2.26 0.00	48.21 -2.11 0.00	45.24 -1.64 0.00	40.27 -1.59 0.00	38.25 -1.76 0.00	36.61 -1.77 0.00	35.84 -1.81 0.00	37.06 -1.79 0.00	41.72 -2.29 0.00	49.80 -2.73 0.00	61.03 -2.94 0.00	72.26 -4.04 0.00	59.44 -2.61 0.00	49.38 -2.06 0.00	42.96 -1.79 0.00	39.46 -1.52 0.00
RUSSELL___3 23549	42.56 -1.68 0.00	39.91 -1.32 0.00	37.66 -1.12 0.00	37.51 -1.04 0.00	37.88 -0.97 0.00	43.95 -1.13 0.00	56.84 -1.40 0.00	77.46 -3.06 0.00	62.33 -2.26 0.00	48.21 -2.11 0.00	45.24 -1.64 0.00	40.27 -1.59 0.00	38.25 -1.76 0.00	36.61 -1.77 0.00	35.84 -1.81 0.00	37.06 -1.79 0.00	41.72 -2.29 0.00	49.80 -2.73 0.00	61.03 -2.94 0.00	72.26 -4.04 0.00	59.44 -2.61 0.00	49.38 -2.06 0.00	42.96 -1.79 0.00	39.46 -1.52 0.00
RUSSELL___4 23556	42.56 -1.68 0.00	39.91 -1.32 0.00	37.66 -1.12 0.00	37.51 -1.04 0.00	37.88 -0.97 0.00	43.95 -1.13 0.00	56.84 -1.40 0.00	77.46 -3.06 0.00	62.33 -2.26 0.00	48.21 -2.11 0.00	45.24 -1.64 0.00	40.27 -1.59 0.00	38.25 -1.76 0.00	36.61 -1.77 0.00	35.84 -1.81 0.00	37.06 -1.79 0.00	41.72 -2.29 0.00	49.80 -2.73 0.00	61.03 -2.94 0.00	72.26 -4.04 0.00	59.44 -2.61 0.00	49.38 -2.06 0.00	42.96 -1.79 0.00	39.46 -1.52 0.00
RUSSELL___STATION 23914	42.56 -1.68 0.00	39.91 -1.32 0.00	37.66 -1.12 0.00	37.51 -1.04 0.00	37.88 -0.97 0.00	43.95 -1.13 0.00	56.84 -1.40 0.00	77.46 -3.06 0.00	62.33 -2.26 0.00	48.21 -2.11 0.00	45.24 -1.64 0.00	40.27 -1.59 0.00	38.25 -1.76 0.00	36.61 -1.77 0.00	35.84 -1.81 0.00	37.06 -1.79 0.00	41.72 -2.29 0.00	49.80 -2.73 0.00	61.03 -2.94 0.00	72.26 -4.04 0.00	59.44 -2.61 0.00	49.38 -2.06 0.00	42.96 -1.79 0.00	39.46 -1.52 0.00
S SALMON___HYD 24043	43.14 -1.10 0.00	40.20 -1.03 0.00	37.89 -0.89 0.00	37.67 -0.89 0.00	37.96 -0.89 0.00	43.95 -1.13 0.00	56.95 -1.28 0.00	78.82 -1.69 0.00	63.04 -1.55 0.00	49.01 -1.31 0.00	45.57 -1.31 0.00	40.65 -1.22 0.00	38.85 -1.16 0.00	37.23 -1.15 0.00	36.51 -1.13 0.00	37.60 -1.24 0.00	42.43 -1.58 0.00	50.80 -1.73 0.00	62.18 -1.79 0.00	74.32 -1.98 0.00	60.62 -1.42 0.00	50.30 -1.13 0.00	43.64 -1.12 0.00	39.91 -1.07 0.00
S.PERRY___115KV_TB1 80734	43.67 -0.58 0.00	40.90 -0.33 0.00	38.63 -0.16 0.00	38.56 0.00 0.00	39.01 0.16 0.00	45.39 0.32 0.00	59.05 0.82 0.00	80.20 -0.32 0.00	63.82 -0.78 0.00	48.81 -1.51 0.00	45.48 -1.41 0.00	40.27 -1.59 0.00	38.25 -1.76 0.00	36.65 -1.73 0.00	35.99 -1.66 0.00	37.22 -1.63 0.00	41.94 -2.07 0.00	50.43 -2.10 0.00	62.50 -1.47 0.00	74.78 -1.53 0.00	61.68 -0.37 0.00	51.07 -0.36 0.00	44.26 -0.49 0.00	40.56 -0.41 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	41.77 -2.48 0.00	39.34 -1.90 0.00	37.11 -1.67 0.00	37.05 -1.50 0.00	37.42 -1.44 0.00	43.36 -1.71 0.00	55.96 -2.27 0.00	75.29 -5.23 0.00	60.53 -4.07 0.00	46.80 -3.52 0.00	44.16 -2.72 0.00	39.43 -2.43 0.00	37.29 -2.72 0.00	35.73 -2.65 0.00	34.97 -2.67 0.00	36.13 -2.72 0.00	40.53 -3.48 0.00	48.07 -4.47 0.00	58.73 -5.25 0.00	68.98 -7.32 0.00	57.40 -4.65 0.00	47.78 -3.65 0.00	42.02 -2.73 0.00	38.88 -2.09 0.00

SITHE___BATAVIA 24024	43.09 -1.15 0.00	40.24 -0.99 0.00	37.89 -0.89 0.00	37.78 -0.77 0.00	38.23 -0.62 0.00	44.31 -0.77 0.00	57.54 -0.70 0.00	78.11 -2.41 0.00	62.66 -1.94 0.00	48.11 -2.21 0.00	45.24 -1.64 0.00	40.23 -1.63 0.00	38.05 -1.96 0.00	36.46 -1.92 0.00	35.61 -2.03 0.00	36.83 -2.02 0.00	41.46 -2.55 0.00	49.49 -3.05 0.00	60.90 -3.07 0.00	72.03 -4.27 0.00	59.56 -2.48 0.00	49.53 -1.90 0.00	43.19 -1.57 0.00	39.70 -1.27 0.00
SITHE___INDEPEND 23800	42.38 -1.86 0.00	39.54 -1.69 0.00	37.31 -1.47 0.00	37.09 -1.47 0.00	37.38 -1.48 0.00	43.31 -1.76 0.00	55.85 -2.39 0.00	77.06 -3.46 0.00	61.75 -2.84 0.00	48.06 -2.26 0.00	44.82 -2.06 0.00	39.98 -1.88 0.00	38.21 -1.80 0.00	36.65 -1.73 0.00	35.95 -1.69 0.00	37.10 -1.75 0.00	41.85 -2.16 0.00	49.96 -2.57 0.00	60.90 -3.07 0.00	72.64 -3.66 0.00	59.19 -2.85 0.00	49.12 -2.31 0.00	42.69 -2.06 0.00	39.13 -1.84 0.00
SITHE___MASSENA 23902	45.08 0.84 0.00	42.01 0.78 0.00	39.52 0.74 0.00	39.29 0.73 0.00	39.59 0.74 0.00	45.93 0.85 0.00	59.28 1.05 0.00	81.73 1.21 0.00	66.01 1.42 0.00	51.23 0.91 0.00	47.73 0.84 0.00	42.62 0.75 0.00	40.81 0.80 0.00	39.15 0.77 0.00	38.36 0.71 0.00	39.51 0.66 0.00	44.85 0.83 0.00	53.64 1.11 0.00	65.38 1.41 0.00	77.68 1.37 0.00	63.35 1.31 0.00	52.52 1.08 0.00	45.56 0.81 0.00	41.67 0.70 0.00
SITHE___OGDNSBRG 24021	45.57 1.33 0.00	42.43 1.20 0.00	39.95 1.16 0.00	39.71 1.16 0.00	39.98 1.13 0.00	46.51 1.44 0.00	60.16 1.92 0.00	83.02 2.50 0.00	66.92 2.33 0.00	51.73 1.41 0.00	48.15 1.27 0.00	42.95 1.09 0.00	41.09 1.08 0.00	39.38 1.00 0.00	38.62 0.98 0.00	39.74 0.89 0.00	45.11 1.10 0.00	54.11 1.58 0.00	66.21 2.24 0.00	78.90 2.59 0.00	64.41 2.36 0.00	53.28 1.85 0.00	46.10 1.34 0.00	42.12 1.15 0.00
SITHE___STERLING 23777	44.99 0.75 0.00	41.89 0.66 0.00	39.44 0.66 0.00	39.21 0.65 0.00	39.48 0.62 0.00	45.88 0.81 0.00	59.58 1.34 0.00	82.69 2.17 0.00	66.27 1.68 0.00	51.38 1.06 0.00	47.82 0.94 0.00	42.57 0.71 0.00	40.65 0.64 0.00	38.96 0.58 0.00	38.17 0.53 0.00	39.39 0.54 0.00	44.63 0.62 0.00	53.37 0.84 0.00	65.25 1.28 0.00	77.91 1.60 0.00	63.41 1.36 0.00	52.52 1.08 0.00	45.51 0.76 0.00	41.63 0.65 0.00
SLEIGHT__34_KV_TB1 80719	42.56 -1.68 0.00	39.79 -1.44 0.00	37.54 -1.24 0.00	37.40 -1.16 0.00	37.73 -1.13 0.00	43.86 -1.22 0.00	56.78 -1.46 0.00	77.94 -2.58 0.00	62.66 -1.94 0.00	48.51 -1.81 0.00	45.29 -1.59 0.00	40.27 -1.59 0.00	38.29 -1.72 0.00	36.69 -1.69 0.00	35.91 -1.73 0.00	37.10 -1.75 0.00	41.81 -2.20 0.00	49.96 -2.57 0.00	61.22 -2.75 0.00	72.72 -3.59 0.00	59.63 -2.42 0.00	49.43 -2.01 0.00	42.92 -1.83 0.00	39.37 -1.60 0.00
SOUTH CAIRO___GT 23612	47.07 2.83 0.00	43.83 2.60 0.00	41.15 2.37 0.00	40.95 2.39 0.00	41.23 2.37 0.00	48.00 2.93 0.00	62.31 4.08 0.00	86.32 5.80 0.00	68.92 4.33 0.00	54.18 3.32 -0.54	50.46 2.72 -0.86	45.67 2.34 -1.46	43.13 2.12 -1.00	41.30 2.00 -0.92	40.62 1.92 -1.05	42.04 2.10 -1.10	46.34 2.33 0.00	55.53 2.99 0.00	68.19 4.22 0.00	81.64 5.34 0.00	66.27 4.22 0.00	54.73 3.29 0.00	47.57 2.82 0.00	43.59 2.62 0.00
SOUTH HAMPTN___IC 23720	46.67 2.43 0.00	43.46 2.23 0.00	40.26 1.47 0.00	40.02 1.46 0.00	40.61 1.75 0.00	46.38 1.31 0.00	59.69 1.46 0.00	83.34 2.82 0.00	66.60 2.00 0.00	54.64 1.56 -2.76	52.36 1.08 -4.40	50.67 1.30 -7.51	46.60 1.48 -5.11	44.30 1.19 -4.73	44.56 1.51 -5.41	46.19 1.71 -5.64	46.92 2.90 0.00	55.69 3.15 0.00	67.88 3.90 0.00	81.26 4.96 0.00	65.03 2.98 0.00	53.85 2.42 0.00	47.57 2.82 0.00	43.31 2.33 0.00
SOUTHDOW_115KV_TB1 355954	44.11 -0.13 0.00	41.48 0.25 0.00	39.21 0.43 0.00	39.25 0.69 0.00	39.67 0.82 0.00	46.15 1.08 0.00	60.51 2.27 0.00	81.73 1.21 0.00	65.50 0.90 0.00	50.52 0.20 0.00	47.49 0.61 0.00	42.28 0.42 0.00	39.97 -0.04 0.00	38.23 -0.15 0.00	37.38 -0.26 0.00	38.58 -0.27 0.00	43.09 -0.92 0.00	51.38 -1.16 0.00	62.95 -1.02 0.00	74.47 -1.83 0.00	61.86 -0.19 0.00	51.33 -0.10 0.00	44.89 0.13 0.00	41.50 0.53 0.00
SOUTHOLD_69_KV_BK 2 55809	46.59 2.34 0.00	43.01 1.77 0.00	40.18 1.40 0.00	39.98 1.43 0.00	40.10 1.24 0.00	46.20 1.13 0.00	59.63 1.40 0.00	83.98 3.46 0.00	66.73 2.13 0.00	54.69 1.61 -2.76	52.18 0.89 -4.40	50.42 1.05 -7.51	46.40 1.28 -5.11	44.10 1.00 -4.73	44.33 1.28 -5.41	46.00 1.52 -5.64	46.65 2.64 0.00	55.43 2.89 0.00	67.62 3.65 0.00	81.03 4.73 0.00	64.78 2.73 0.00	53.70 2.26 0.00	47.35 2.60 0.00	43.35 2.38 0.00
SOUTHOLD___IC 23719	46.67 2.43 0.00	43.46 2.23 0.00	40.26 1.47 0.00	40.06 1.50 0.00	40.56 1.71 0.00	46.33 1.26 0.00	59.69 1.46 0.00	83.41 2.89 0.00	66.72 2.13 0.00	54.69 1.61 -2.76	52.22 0.94 -4.40	50.54 1.17 -7.51	46.44 1.32 -5.11	44.10 1.00 -4.73	44.33 1.28 -5.41	46.00 1.51 -5.64	46.65 2.64 0.00	55.42 2.89 0.00	67.62 3.64 0.00	81.03 4.73 0.00	64.78 2.73 0.00	53.69 2.26 0.00	47.39 2.64 0.00	43.31 2.33 0.00
SOUTH_FORK_WT_PWR 323839	46.41 2.17 0.00	43.21 1.98 0.00	40.02 1.24 0.00	39.79 1.23 0.00	40.25 1.40 0.00	45.93 0.85 0.00	59.16 0.93 0.00	82.77 2.25 0.00	66.27 1.68 0.00	54.28 1.21 -2.76	51.66 0.37 -4.40	50.04 0.67 -7.51	46.00 0.88 -5.11	43.68 0.58 -4.73	43.92 0.87 -5.41	45.53 1.05 -5.64	46.12 2.11 0.00	54.79 2.26 0.00	66.85 2.88 0.00	80.11 3.81 0.00	64.03 1.99 0.00	53.08 1.65 0.00	46.90 2.15 0.00	43.02 2.05 0.00
SPIERFLS_115KV_TB 1 80737	45.57 1.33 0.00	42.43 1.20 0.00	39.87 1.09 0.00	39.52 0.96 0.00	39.94 1.09 0.00	46.56 1.49 0.00	60.21 1.98 0.00	83.66 3.14 0.00	67.05 2.45 0.00	52.95 1.91 -0.72	49.48 1.45 -1.14	45.15 1.34 -1.95	42.54 1.20 -1.33	40.68 1.07 -1.23	40.03 0.98 -1.40	41.40 1.09 -1.46	45.38 1.36 0.00	54.11 1.58 0.00	66.02 2.05 0.00	79.05 2.75 0.00	64.03 1.99 0.00	52.82 1.39 0.00	46.10 1.34 0.00	42.24 1.27 0.00
ST LAWRENCE____ 23600	44.60 0.35 0.00	41.56 0.33 0.00	39.09 0.31 0.00	38.86 0.31 0.00	39.16 0.31 0.00	45.43 0.36 0.00	58.65 0.41 0.00	81.01 0.49 0.00	65.18 0.58 0.00	50.72 0.40 0.00	47.26 0.37 0.00	42.20 0.33 0.00	40.37 0.36 0.00	38.72 0.34 0.00	37.98 0.34 0.00	39.16 0.31 0.00	44.41 0.40 0.00	53.06 0.53 0.00	64.61 0.64 0.00	76.99 0.69 0.00	62.67 0.62 0.00	51.90 0.46 0.00	45.07 0.32 0.00	41.22 0.25 0.00
STATE_CA_115KV_115_LB 55624	45.88 1.64 0.00	42.76 1.53 0.00	40.14 1.36 0.00	39.87 1.31 0.00	40.22 1.36 0.00	46.65 1.58 0.00	60.21 1.98 0.00	83.58 3.06 0.00	66.92 2.33 0.00	53.09 2.01 -0.76	49.92 1.83 -1.21	45.56 1.63 -2.07	42.98 1.56 -1.41	41.21 1.54 -1.30	40.60 1.47 -1.49	41.95 1.55 -1.55	45.77 1.76 0.00	54.64 2.10 0.00	66.40 2.43 0.00	79.35 3.05 0.00	64.28 2.23 0.00	53.23 1.80 0.00	46.41 1.66 0.00	42.53 1.56 0.00

STATE_ST_34_KV_LOAD 55959	43.49 -0.75 0.00	40.53 -0.70 0.00	38.24 -0.54 0.00	38.05 -0.50 0.00	38.39 -0.47 0.00	44.58 -0.50 0.00	57.71 -0.52 0.00	79.55 -0.97 0.00	63.82 -0.78 0.00	49.47 -0.86 0.00	46.09 -0.80 0.00	41.02 -0.84 0.00	39.13 -0.88 0.00	37.50 -0.88 0.00	36.78 -0.87 0.00	37.95 -0.89 0.00	42.87 -1.14 0.00	51.27 -1.26 0.00	62.63 -1.34 0.00	74.78 -1.53 0.00	61.12 -0.93 0.00	50.61 -0.82 0.00	43.90 -0.85 0.00	40.23 -0.74 0.00
STATION 5_MISC_HYD 23604	42.61 -1.64 0.00	39.75 -1.48 0.00	37.42 -1.36 0.00	37.28 -1.27 0.00	37.65 -1.20 0.00	43.63 -1.44 0.00	56.49 -1.75 0.00	77.21 -3.30 0.00	62.01 -2.59 0.00	47.96 -2.36 0.00	45.01 -1.88 0.00	40.06 -1.80 0.00	38.05 -1.96 0.00	36.46 -1.92 0.00	35.68 -1.96 0.00	36.87 -1.98 0.00	41.55 -2.46 0.00	49.54 -2.99 0.00	60.64 -3.33 0.00	71.80 -4.50 0.00	59.13 -2.92 0.00	49.12 -2.31 0.00	42.74 -2.01 0.00	39.29 -1.68 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	43.23 -1.02 0.00	40.41 -0.82 0.00	38.12 -0.66 0.00	37.98 -0.58 0.00	38.35 -0.51 0.00	44.58 -0.50 0.00	57.77 -0.47 0.00	79.23 -1.29 0.00	63.63 -0.97 0.00	49.21 -1.11 0.00	45.99 -0.89 0.00	40.86 -1.00 0.00	38.85 -1.16 0.00	37.23 -1.15 0.00	36.44 -1.20 0.00	37.68 -1.17 0.00	42.43 -1.58 0.00	50.80 -1.73 0.00	62.25 -1.73 0.00	74.01 -2.29 0.00	60.68 -1.37 0.00	50.35 -1.08 0.00	43.68 -1.07 0.00	39.99 -0.98 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	42.21 -2.04 0.00	39.58 -1.65 0.00	37.31 -1.47 0.00	37.17 -1.39 0.00	37.53 -1.32 0.00	43.54 -1.53 0.00	56.31 -1.92 0.00	76.82 -3.70 0.00	61.82 -2.78 0.00	47.85 -2.47 0.00	44.87 -2.02 0.00	39.94 -1.93 0.00	37.97 -2.04 0.00	36.35 -2.03 0.00	35.57 -2.07 0.00	36.75 -2.10 0.00	41.41 -2.60 0.00	49.38 -3.15 0.00	60.52 -3.45 0.00	71.65 -4.65 0.00	58.95 -3.10 0.00	48.91 -2.52 0.00	42.61 -2.15 0.00	39.09 -1.88 0.00
STA_56___34_KV_BUS2 355883	42.21 -2.04 0.00	39.58 -1.65 0.00	37.31 -1.47 0.00	37.17 -1.39 0.00	37.53 -1.32 0.00	43.54 -1.53 0.00	56.31 -1.92 0.00	76.82 -3.70 0.00	61.82 -2.78 0.00	47.85 -2.47 0.00	44.87 -2.02 0.00	39.94 -1.93 0.00	37.97 -2.04 0.00	36.35 -2.03 0.00	35.57 -2.07 0.00	36.75 -2.10 0.00	41.41 -2.60 0.00	49.38 -3.15 0.00	60.52 -3.45 0.00	71.65 -4.65 0.00	58.95 -3.10 0.00	48.91 -2.52 0.00	42.61 -2.15 0.00	39.09 -1.88 0.00
STA_67___115KV_BK2 355882	42.30 -1.95 0.00	39.67 -1.57 0.00	37.42 -1.36 0.00	37.28 -1.27 0.00	37.65 -1.20 0.00	43.68 -1.40 0.00	56.43 -1.81 0.00	76.90 -3.62 0.00	61.82 -2.78 0.00	47.85 -2.47 0.00	44.87 -2.02 0.00	39.98 -1.88 0.00	37.97 -2.04 0.00	36.38 -2.00 0.00	35.61 -2.03 0.00	36.79 -2.06 0.00	41.46 -2.55 0.00	49.38 -3.15 0.00	60.52 -3.45 0.00	71.57 -4.73 0.00	58.95 -3.10 0.00	48.96 -2.47 0.00	42.65 -2.10 0.00	39.21 -1.76 0.00
STA_7___115KV_9TRANS 80674	42.56 -1.68 0.00	39.91 -1.32 0.00	37.66 -1.12 0.00	37.51 -1.04 0.00	37.88 -0.97 0.00	43.95 -1.13 0.00	56.84 -1.40 0.00	77.46 -3.06 0.00	62.33 -2.26 0.00	48.21 -2.11 0.00	45.24 -1.64 0.00	40.27 -1.59 0.00	38.25 -1.76 0.00	36.61 -1.77 0.00	35.84 -1.81 0.00	37.06 -1.79 0.00	41.72 -2.29 0.00	49.80 -2.73 0.00	61.03 -2.94 0.00	72.26 -4.04 0.00	59.44 -2.61 0.00	49.38 -2.06 0.00	42.96 -1.79 0.00	39.46 -1.52 0.00
STA_82___115KV_TB1 80780	42.30 -1.95 0.00	39.67 -1.57 0.00	37.42 -1.36 0.00	37.28 -1.27 0.00	37.65 -1.20 0.00	43.68 -1.40 0.00	56.43 -1.81 0.00	76.90 -3.62 0.00	61.82 -2.78 0.00	47.85 -2.47 0.00	44.87 -2.02 0.00	39.98 -1.88 0.00	37.97 -2.04 0.00	36.38 -2.00 0.00	35.61 -2.03 0.00	36.79 -2.06 0.00	41.46 -2.55 0.00	49.44 -3.10 0.00	60.52 -3.45 0.00	71.65 -4.65 0.00	58.95 -3.10 0.00	48.96 -2.47 0.00	42.65 -2.10 0.00	39.21 -1.76 0.00
STEEL___WIND 323596	42.83 -1.42 0.00	39.95 -1.28 0.00	37.62 -1.16 0.00	37.55 -1.00 0.00	37.92 -0.93 0.00	43.95 -1.13 0.00	57.01 -1.23 0.00	76.98 -3.54 0.00	61.69 -2.91 0.00	47.65 -2.67 0.00	44.92 -1.97 0.00	40.11 -1.76 0.00	37.93 -2.08 0.00	36.34 -2.04 0.00	35.57 -2.07 0.00	36.71 -2.14 0.00	41.19 -2.82 0.00	48.91 -3.62 0.00	59.75 -4.22 0.00	70.27 -6.03 0.00	58.51 -3.53 0.00	48.66 -2.78 0.00	42.70 -2.06 0.00	39.54 -1.44 0.00
STEPHTWN_115KV_BK_2 55603	46.19 1.95 0.00	43.05 1.81 0.00	40.41 1.63 0.00	40.10 1.54 0.00	40.45 1.59 0.00	47.01 1.94 0.00	60.74 2.50 0.00	84.22 3.70 0.00	67.50 2.91 0.00	53.51 2.42 -0.77	50.27 2.16 -1.23	45.89 1.93 -2.10	43.28 1.84 -1.43	41.47 1.77 -1.32	40.85 1.69 -1.52	42.25 1.83 -1.58	46.08 2.07 0.00	55.00 2.47 0.00	66.92 2.94 0.00	79.96 3.66 0.00	64.78 2.73 0.00	53.65 2.21 0.00	46.77 2.01 0.00	42.82 1.84 0.00
STEUBEN_REC_LFGE 323667	43.40 -0.84 0.00	40.66 -0.58 0.00	38.43 -0.35 0.00	38.40 -0.15 0.00	38.82 -0.04 0.00	45.25 0.18 0.00	59.17 0.93 0.00	80.44 -0.08 0.00	64.27 -0.32 0.00	49.31 -1.01 0.00	45.90 -0.98 0.00	40.73 -1.13 0.00	38.73 -1.28 0.00	37.07 -1.30 0.00	36.36 -1.28 0.00	37.53 -1.32 0.00	42.21 -1.80 0.00	50.59 -1.94 0.00	62.44 -1.54 0.00	74.24 -2.06 0.00	61.37 -0.68 0.00	50.82 -0.62 0.00	44.08 -0.67 0.00	40.52 -0.45 0.00
STILLWATER___SOLAR 323814	46.10 1.86 0.00	42.92 1.69 0.00	40.37 1.59 0.00	40.06 1.50 0.00	40.41 1.56 0.00	47.05 1.98 0.00	60.68 2.45 0.00	84.06 3.54 0.00	67.37 2.78 0.00	53.26 2.21 -0.73	49.92 1.88 -1.16	45.56 1.72 -1.98	42.92 1.56 -1.35	41.08 1.46 -1.25	40.50 1.43 -1.43	41.85 1.51 -1.49	45.86 1.85 0.00	54.79 2.26 0.00	66.72 2.75 0.00	79.81 3.51 0.00	64.65 2.61 0.00	53.49 2.06 0.00	46.63 1.88 0.00	42.69 1.72 0.00
STONY___BROOK 24151	46.67 2.43 0.00	43.33 2.10 0.00	40.37 1.59 0.00	40.14 1.58 0.00	40.56 1.71 0.00	46.92 1.85 0.00	60.04 1.81 0.00	83.98 3.46 0.00	67.11 2.52 0.00	55.24 2.16 -2.76	53.11 1.83 -4.40	51.38 2.01 -7.51	47.16 2.04 -5.11	44.83 1.73 -4.73	45.05 1.99 -5.41	46.70 2.21 -5.64	47.27 3.26 0.00	56.00 3.47 0.00	68.13 4.16 0.00	81.49 5.19 0.00	65.46 3.41 0.00	54.26 2.83 0.00	47.93 3.18 0.00	43.51 2.54 0.00
STURGEON_POOL_HYD 23609	45.57 1.33 0.00	42.35 1.11 0.00	39.75 0.97 0.00	39.52 0.96 0.00	39.83 0.97 0.00	46.29 1.22 0.00	59.92 1.69 0.00	83.50 2.98 0.00	66.73 2.13 0.00	52.18 1.86 0.00	48.57 1.69 0.00	43.45 1.59 0.00	41.49 1.48 0.00	39.80 1.42 0.00	39.04 1.39 0.00	40.36 1.52 0.00	45.77 1.76 0.00	54.53 2.00 0.00	66.40 2.43 0.00	79.43 3.13 0.00	64.28 2.23 0.00	53.23 1.80 0.00	46.45 1.70 0.00	42.41 1.43 0.00
ST_LAW_115_BK7_LBMP 345037	44.64 0.40 0.00	41.60 0.37 0.00	39.13 0.35 0.00	38.90 0.35 0.00	39.20 0.35 0.00	45.48 0.40 0.00	58.70 0.46 0.00	81.01 0.49 0.00	65.31 0.71 0.00	50.77 0.45 0.00	47.30 0.42 0.00	42.24 0.38 0.00	40.41 0.40 0.00	38.76 0.38 0.00	38.02 0.38 0.00	39.20 0.35 0.00	44.45 0.44 0.00	53.11 0.58 0.00	64.74 0.77 0.00	76.99 0.69 0.00	62.73 0.68 0.00	51.95 0.51 0.00	45.11 0.36 0.00	41.26 0.29 0.00

ST_LAW_115_BK8_LBMP 345038	44.64 0.40 0.00	41.60 0.37 0.00	39.13 0.35 0.00	38.90 0.35 0.00	39.20 0.35 0.00	45.48 0.40 0.00	58.70 0.46 0.00	81.01 0.49 0.00	65.31 0.71 0.00	50.77 0.45 0.00	47.30 0.42 0.00	42.24 0.38 0.00	40.41 0.40 0.00	38.76 0.38 0.00	38.02 0.38 0.00	39.20 0.35 0.00	44.45 0.44 0.00	53.11 0.58 0.00	64.74 0.77 0.00	76.99 0.69 0.00	62.73 0.68 0.00	51.95 0.51 0.00	45.11 0.36 0.00	41.26 0.29 0.00
ST_LAW_230_BK5_LBMP 345035	44.60 0.35 0.00	41.56 0.33 0.00	39.09 0.31 0.00	38.86 0.31 0.00	39.16 0.31 0.00	45.43 0.36 0.00	58.65 0.41 0.00	81.01 0.49 0.00	65.18 0.58 0.00	50.72 0.40 0.00	47.26 0.37 0.00	42.20 0.33 0.00	40.37 0.36 0.00	38.72 0.34 0.00	37.98 0.34 0.00	39.16 0.31 0.00	44.41 0.40 0.00	53.06 0.53 0.00	64.61 0.64 0.00	76.99 0.69 0.00	62.67 0.62 0.00	51.90 0.46 0.00	45.07 0.32 0.00	41.22 0.25 0.00
ST_LAW_230_BK6_LBMP 345036	44.60 0.35 0.00	41.56 0.33 0.00	39.09 0.31 0.00	38.86 0.31 0.00	39.16 0.31 0.00	45.43 0.36 0.00	58.65 0.41 0.00	81.01 0.49 0.00	65.18 0.58 0.00	50.72 0.40 0.00	47.26 0.37 0.00	42.20 0.33 0.00	40.37 0.36 0.00	38.72 0.34 0.00	37.98 0.34 0.00	39.16 0.31 0.00	44.41 0.40 0.00	53.06 0.53 0.00	64.61 0.64 0.00	76.99 0.69 0.00	62.67 0.62 0.00	51.90 0.46 0.00	45.07 0.32 0.00	41.22 0.25 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	45.26 1.02 0.00	42.10 0.87 0.00	39.48 0.70 0.00	39.29 0.73 0.00	39.59 0.74 0.00	46.02 0.95 0.00	59.63 1.40 0.00	82.85 2.34 0.00	66.21 1.61 0.00	46.77 1.31 4.86	40.34 1.22 7.76	29.79 1.17 13.25	32.08 1.08 9.01	31.04 1.00 8.34	29.12 1.02 9.54	30.03 1.13 9.94	45.55 1.54 0.00	54.27 1.73 0.00	66.08 2.11 0.00	78.97 2.67 0.00	63.97 1.92 0.00	52.98 1.54 0.00	46.23 1.48 0.00	42.20 1.23 0.00
SWANROAD_115KV_TB1 355699	40.84 -3.41 0.00	38.51 -2.72 0.00	36.34 -2.44 0.00	36.28 -2.27 0.00	36.64 -2.21 0.00	42.41 -2.66 0.00	54.57 -3.67 0.00	73.27 -7.25 0.00	58.98 -5.62 0.00	45.54 -4.78 0.00	42.99 -3.89 0.00	38.39 -3.47 0.00	36.33 -3.68 0.00	34.81 -3.57 0.00	34.07 -3.58 0.00	35.20 -3.65 0.00	39.52 -4.49 0.00	46.81 -5.73 0.00	57.26 -6.72 0.00	67.15 -9.16 0.00	55.91 -6.14 0.00	46.60 -4.83 0.00	40.99 -3.76 0.00	37.94 -3.03 0.00
SYNERGY___BIOGAS 323694	43.09 -1.15 0.00	40.24 -0.99 0.00	37.89 -0.89 0.00	37.78 -0.77 0.00	38.23 -0.62 0.00	44.31 -0.77 0.00	57.54 -0.70 0.00	78.11 -2.41 0.00	62.66 -1.94 0.00	48.11 -2.21 0.00	45.24 -1.64 0.00	40.23 -1.63 0.00	38.05 -1.96 0.00	36.46 -1.92 0.00	35.61 -2.03 0.00	36.83 -2.02 0.00	41.46 -2.55 0.00	49.49 -3.05 0.00	60.90 -3.07 0.00	72.03 -4.27 0.00	59.56 -2.48 0.00	49.53 -1.90 0.00	43.19 -1.57 0.00	39.70 -1.27 0.00
SYRACUSE___ENERGY_ST1 323597	43.36 -0.88 0.00	40.41 -0.82 0.00	38.12 -0.66 0.00	37.90 -0.66 0.00	38.23 -0.62 0.00	44.35 -0.72 0.00	57.36 -0.87 0.00	79.15 -1.37 0.00	63.50 -1.10 0.00	49.31 -1.01 0.00	45.95 -0.94 0.00	40.90 -0.96 0.00	39.05 -0.96 0.00	37.42 -0.96 0.00	36.70 -0.94 0.00	37.88 -0.97 0.00	42.78 -1.23 0.00	51.12 -1.42 0.00	62.37 -1.60 0.00	74.47 -1.83 0.00	60.75 -1.30 0.00	50.35 -1.08 0.00	43.72 -1.03 0.00	40.07 -0.90 0.00
SYRACUSE___ENERGY_ST2 323598	43.36 -0.88 0.00	40.41 -0.82 0.00	38.12 -0.66 0.00	37.90 -0.66 0.00	38.23 -0.62 0.00	44.35 -0.72 0.00	57.36 -0.87 0.00	79.15 -1.37 0.00	63.50 -1.10 0.00	49.31 -1.01 0.00	45.95 -0.94 0.00	40.90 -0.96 0.00	39.05 -0.96 0.00	37.42 -0.96 0.00	36.70 -0.94 0.00	37.88 -0.97 0.00	42.78 -1.23 0.00	51.12 -1.42 0.00	62.37 -1.60 0.00	74.47 -1.83 0.00	60.75 -1.30 0.00	50.35 -1.08 0.00	43.72 -1.03 0.00	40.07 -0.90 0.00
SYRACUSE___POWER 24017	43.27 -0.97 0.00	40.33 -0.91 0.00	38.04 -0.74 0.00	37.82 -0.73 0.00	38.12 -0.74 0.00	44.26 -0.81 0.00	57.24 -0.99 0.00	78.99 -1.53 0.00	63.37 -1.23 0.00	49.21 -1.11 0.00	45.85 -1.03 0.00	40.82 -1.05 0.00	39.01 -1.00 0.00	37.38 -1.00 0.00	36.66 -0.98 0.00	37.84 -1.01 0.00	42.73 -1.28 0.00	51.01 -1.52 0.00	62.25 -1.73 0.00	74.24 -2.06 0.00	60.62 -1.43 0.00	50.25 -1.18 0.00	43.63 -1.12 0.00	39.99 -0.98 0.00
TALLMAN___138KV_BK151 55660	45.39 1.15 0.00	42.18 0.95 0.00	39.56 0.78 0.00	39.33 0.77 0.00	39.67 0.82 0.00	46.06 0.99 0.00	59.75 1.51 0.00	83.26 2.74 0.00	66.47 1.87 5.38	46.55 1.61 8.60	39.79 1.50 14.67	28.62 1.42 9.98	31.35 1.32 9.98	30.41 1.27 9.23	28.36 1.28 10.57	29.20 1.36 11.01	45.77 1.76 0.00	54.53 2.00 0.00	66.34 2.37 0.00	79.28 2.98 0.00	64.22 2.17 0.00	53.18 1.75 0.00	46.41 1.66 0.00	42.32 1.35 0.00
TEALLAVE_115KV_TB7 355573	43.09 -1.15 0.00	40.20 -1.03 0.00	37.89 -0.89 0.00	37.71 -0.85 0.00	38.00 -0.85 0.00	44.08 -0.99 0.00	57.01 -1.22 0.00	78.67 -1.85 0.00	63.11 -1.49 0.00	49.01 -1.31 0.00	45.66 -1.22 0.00	40.69 -1.17 0.00	38.85 -1.16 0.00	37.27 -1.11 0.00	36.55 -1.09 0.00	37.68 -1.17 0.00	42.56 -1.45 0.00	50.75 -1.79 0.00	61.93 -2.05 0.00	73.86 -2.44 0.00	60.25 -1.80 0.00	49.99 -1.44 0.00	43.46 -1.30 0.00	39.82 -1.15 0.00
TELGRAPH_34_KV_EAST 80808	41.85 -2.39 0.00	39.42 -1.81 0.00	37.19 -1.59 0.00	37.13 -1.43 0.00	37.50 -1.36 0.00	43.50 -1.58 0.00	56.14 -2.10 0.00	75.69 -4.83 0.00	60.91 -3.68 0.00	46.95 -3.37 0.00	44.21 -2.67 0.00	39.39 -2.47 0.00	37.29 -2.72 0.00	35.69 -2.69 0.00	34.93 -2.71 0.00	36.09 -2.76 0.00	40.58 -3.43 0.00	48.23 -4.31 0.00	59.17 -4.80 0.00	69.66 -6.64 0.00	57.83 -4.22 0.00	48.09 -3.34 0.00	42.11 -2.64 0.00	38.88 -2.09 0.00
TEMPLE___115KV_TB 2 55572	43.09 -1.15 0.00	40.20 -1.03 0.00	37.89 -0.89 0.00	37.71 -0.85 0.00	38.00 -0.85 0.00	44.08 -0.99 0.00	57.07 -1.16 0.00	78.67 -1.85 0.00	63.11 -1.49 0.00	49.06 -1.26 0.00	45.71 -1.17 0.00	40.69 -1.17 0.00	38.89 -1.12 0.00	37.27 -1.11 0.00	36.55 -1.09 0.00	37.72 -1.13 0.00	42.56 -1.45 0.00	50.75 -1.79 0.00	61.93 -2.05 0.00	73.86 -2.44 0.00	60.31 -1.74 0.00	50.04 -1.39 0.00	43.46 -1.30 0.00	39.82 -1.15 0.00
TIANA____69_KV_BK 1 55817	46.54 2.30 0.00	42.96 1.73 0.00	40.18 1.40 0.00	39.94 1.39 0.00	40.14 1.28 0.00	46.24 1.17 0.00	59.63 1.40 0.00	83.82 3.30 0.00	66.53 1.94 0.00	54.59 1.51 -2.76	52.36 1.08 -4.40	50.59 1.21 -7.51	46.60 1.48 -5.11	44.33 1.23 -4.73	44.60 1.54 -5.41	46.23 1.75 -5.64	47.00 2.99 0.00	55.74 3.20 0.00	67.94 3.97 0.00	81.34 5.04 0.00	65.09 3.04 0.00	53.90 2.47 0.00	47.53 2.77 0.00	43.31 2.34 0.00
TILDEN___115KV_TB1 80814	43.27 -0.97 0.00	40.33 -0.91 0.00	38.04 -0.74 0.00	37.82 -0.73 0.00	38.12 -0.74 0.00	44.26 -0.81 0.00	57.24 -0.99 0.00	78.99 -1.53 0.00	63.37 -1.23 0.00	49.21 -1.11 0.00	45.85 -1.03 0.00	40.82 -1.05 0.00	39.01 -1.00 0.00	37.38 -1.00 0.00	36.66 -0.98 0.00	37.84 -1.01 0.00	42.73 -1.28 0.00	51.01 -1.52 0.00	62.25 -1.73 0.00	74.24 -2.06 0.00	60.62 -1.43 0.00	50.25 -1.18 0.00	43.63 -1.12 0.00	39.99 -0.98 0.00

TRIGEN___CC 323695	46.19 1.95 0.00	42.80 1.57 0.00	40.06 1.28 0.00	39.83 1.27 0.00	40.14 1.28 0.00	46.74 1.67 0.00	60.16 1.92 0.00	84.14 3.62 0.00	67.24 2.65 0.00	55.44 2.37 -2.76	53.39 2.11 -4.40	51.47 2.09 -7.51	47.16 2.04 -5.11	44.99 1.88 -4.73	45.05 2.00 -5.41	46.66 2.18 -5.64	46.87 2.86 0.00	55.58 3.05 0.00	67.55 3.58 0.00	80.73 4.43 0.00	65.09 3.04 0.00	54.06 2.62 0.00	47.39 2.64 0.00	43.18 2.21 0.00
TRINITY___115KV___4 BK 55933	45.75 1.50 0.00	42.63 1.40 0.00	40.02 1.24 0.00	39.75 1.20 0.00	40.06 1.20 0.00	46.51 1.44 0.00	60.04 1.81 0.00	83.18 2.66 0.00	66.66 2.07 0.00	52.90 1.81 -0.77	49.71 1.59 -1.23	45.43 1.47 -2.11	42.84 1.40 -1.43	41.09 1.38 -1.33	40.51 1.36 -1.52	41.83 1.40 -1.58	45.64 1.63 0.00	54.43 1.89 0.00	66.15 2.18 0.00	79.05 2.75 0.00	63.97 1.92 0.00	53.08 1.65 0.00	46.27 1.52 0.00	42.41 1.43 0.00
UNION___PROCESSING_DRP 323587	42.34 -1.90 0.00	39.67 -1.57 0.00	37.42 -1.36 0.00	37.32 -1.23 0.00	37.65 -1.20 0.00	43.72 -1.35 0.00	56.43 -1.81 0.00	76.90 -3.62 0.00	61.82 -2.78 0.00	47.85 -2.47 0.00	44.91 -1.97 0.00	39.98 -1.88 0.00	37.97 -2.04 0.00	36.38 -2.00 0.00	35.61 -2.03 0.00	36.79 -2.06 0.00	41.46 -2.55 0.00	49.44 -3.10 0.00	60.52 -3.45 0.00	71.65 -4.65 0.00	58.95 -3.10 0.00	49.02 -2.42 0.00	42.69 -2.06 0.00	39.21 -1.76 0.00
UPPER HUDSON___HYD 24058	45.62 1.37 0.00	42.43 1.20 0.00	39.94 1.16 0.00	39.60 1.04 0.00	39.98 1.13 0.00	46.69 1.62 0.00	60.22 1.98 0.00	83.66 3.14 0.00	67.05 2.45 0.00	52.95 1.91 -0.72	49.43 1.41 -1.14	45.15 1.34 -1.95	42.50 1.16 -1.33	40.68 1.07 -1.23	40.02 0.98 -1.40	41.40 1.09 -1.46	45.38 1.37 0.00	54.11 1.57 0.00	66.02 2.05 0.00	79.04 2.74 0.00	64.03 1.99 0.00	52.82 1.39 0.00	46.09 1.34 0.00	42.24 1.27 0.00
UPPER RAQUET___HYD 24056	44.64 0.40 0.00	41.56 0.33 0.00	39.13 0.35 0.00	38.90 0.35 0.00	39.16 0.31 0.00	45.52 0.45 0.00	58.82 0.58 0.00	81.24 0.72 0.00	65.63 1.03 0.00	50.82 0.50 0.00	47.30 0.42 0.00	42.24 0.38 0.00	40.45 0.44 0.00	38.76 0.38 0.00	38.02 0.38 0.00	39.12 0.27 0.00	44.41 0.40 0.00	53.22 0.68 0.00	64.99 1.02 0.00	77.22 0.92 0.00	63.04 0.99 0.00	52.15 0.72 0.00	45.11 0.36 0.00	41.22 0.25 0.00
VALLEY44_115KV_TB2 355964	42.92 -1.33 0.00	40.28 -0.95 0.00	38.08 -0.70 0.00	38.02 -0.54 0.00	38.43 -0.43 0.00	44.58 -0.50 0.00	58.35 0.12 0.00	78.75 -1.77 0.00	62.85 -1.74 0.00	48.46 -1.86 0.00	45.48 -1.41 0.00	40.61 -1.26 0.00	38.45 -1.56 0.00	36.81 -1.57 0.00	36.06 -1.58 0.00	37.22 -1.63 0.00	41.55 -2.46 0.00	49.54 -2.99 0.00	60.65 -3.33 0.00	71.80 -4.50 0.00	59.63 -2.42 0.00	49.48 -1.95 0.00	43.23 -1.52 0.00	40.11 -0.86 0.00
VALLEY___115KV_TB 1-4 80826	44.15 -0.09 0.00	41.15 -0.08 0.00	38.70 -0.08 0.00	38.48 -0.08 0.00	38.78 -0.08 0.00	45.07 0.00 0.00	58.35 0.12 0.00	81.00 0.48 0.00	65.05 0.45 0.00	50.72 0.40 0.00	47.26 0.38 0.00	42.28 0.42 0.00	40.41 0.40 0.00	38.80 0.42 0.00	38.06 0.41 0.00	39.27 0.43 0.00	44.50 0.48 0.00	53.06 0.53 0.00	64.55 0.58 0.00	76.91 0.61 0.00	62.42 0.37 0.00	51.74 0.31 0.00	44.98 0.22 0.00	41.22 0.25 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	45.88 1.64 0.00	42.72 1.48 0.00	40.22 1.43 0.00	39.98 1.43 0.00	40.22 1.36 0.00	46.83 1.76 0.00	60.80 2.56 0.00	84.63 4.11 0.00	67.83 3.23 0.00	52.25 2.37 0.44	48.39 2.20 0.70	42.60 1.93 1.19	40.84 1.64 0.81	39.17 1.54 0.75	38.29 1.51 0.86	39.51 1.55 0.89	45.73 1.72 0.00	54.64 2.10 0.00	66.66 2.69 0.00	79.66 3.36 0.00	64.72 2.67 0.00	53.65 2.21 0.00	46.59 1.83 0.00	42.61 1.64 0.00
VISCHER___FERRY HYD 24020	45.88 1.64 0.00	42.76 1.53 0.00	40.14 1.36 0.00	39.87 1.31 0.00	40.18 1.32 0.00	46.74 1.67 0.00	60.22 1.98 0.00	83.34 2.82 0.00	66.79 2.20 0.00	52.96 1.86 -0.78	49.77 1.64 -1.24	45.49 1.50 -2.12	42.89 1.44 -1.44	41.09 1.38 -1.33	40.52 1.35 -1.53	41.88 1.44 -1.59	45.68 1.67 0.00	54.53 2.00 0.00	66.34 2.37 0.00	79.27 2.97 0.00	64.16 2.11 0.00	53.13 1.69 0.00	46.36 1.61 0.00	42.49 1.52 0.00
V_A_10_SYNC_DSASP 323832	41.72 -2.52 0.00	38.97 -2.27 0.00	36.69 -2.09 0.00	36.55 -2.01 0.00	36.91 -1.94 0.00	42.73 -2.35 0.00	55.15 -3.09 0.00	74.72 -5.80 0.00	59.94 -4.65 0.00	46.45 -3.87 0.00	43.74 -3.14 0.00	39.01 -2.85 0.00	37.01 -3.00 0.00	35.46 -2.92 0.00	34.71 -2.94 0.00	35.86 -2.99 0.00	40.31 -3.70 0.00	47.86 -4.68 0.00	58.47 -5.50 0.00	68.75 -7.56 0.00	57.02 -5.02 0.00	47.47 -3.96 0.00	41.58 -3.18 0.00	38.43 -2.54 0.00
V_CMM_10_SYNC_DSASP 323787	44.95 0.71 0.00	41.85 0.62 0.00	39.36 0.58 0.00	39.13 0.58 0.00	39.44 0.58 0.00	45.75 0.68 0.00	59.05 0.81 0.00	81.49 0.97 0.00	65.69 1.10 0.00	51.08 0.76 0.00	47.59 0.70 0.00	42.49 0.63 0.00	40.65 0.64 0.00	38.99 0.61 0.00	38.24 0.60 0.00	39.39 0.54 0.00	44.71 0.70 0.00	53.43 0.89 0.00	65.13 1.15 0.00	77.45 1.15 0.00	63.10 1.05 0.00	52.31 0.87 0.00	45.38 0.63 0.00	41.50 0.53 0.00
V_CMP_10_SYNC_DSASP 323788	46.24 1.99 0.00	43.05 1.81 0.00	40.53 1.75 0.00	40.25 1.69 0.00	40.56 1.71 0.00	47.05 1.98 0.00	60.86 2.62 0.00	83.82 3.30 0.00	67.89 3.29 0.00	52.69 2.37 0.00	49.09 2.20 0.00	43.83 1.97 0.00	41.93 1.92 0.00	40.18 1.80 0.00	39.37 1.73 0.00	40.55 1.71 0.00	45.99 1.98 0.00	55.06 2.52 0.00	67.11 3.13 0.00	79.65 3.35 0.00	65.09 3.04 0.00	53.75 2.32 0.00	46.45 1.70 0.00	42.49 1.52 0.00
V_D_10_SYNC_DSASP 323841	45.08 0.84 0.00	42.01 0.78 0.00	39.52 0.74 0.00	39.29 0.73 0.00	39.59 0.74 0.00	45.93 0.85 0.00	59.28 1.05 0.00	81.73 1.21 0.00	66.01 1.42 0.00	51.23 0.91 0.00	47.73 0.84 0.00	42.62 0.75 0.00	40.81 0.80 0.00	39.15 0.77 0.00	38.36 0.71 0.00	39.51 0.66 0.00	44.85 0.83 0.00	53.64 1.11 0.00	65.38 1.41 0.00	77.68 1.37 0.00	63.35 1.31 0.00	52.52 1.08 0.00	45.56 0.81 0.00	41.67 0.70 0.00
V_E_10_SYNC_DSASP 323830	46.76 2.52 0.00	43.46 2.23 0.00	40.95 2.17 0.00	40.67 2.12 0.00	40.84 1.98 0.00	47.73 2.66 0.00	62.66 4.42 0.00	87.28 6.76 0.00	69.76 5.17 0.00	53.69 3.37 0.00	49.65 2.77 0.00	44.12 2.26 0.00	41.81 1.80 0.00	40.03 1.65 0.00	39.22 1.58 0.00	40.55 1.71 0.00	45.90 1.89 0.00	55.27 2.73 0.00	68.07 4.10 0.00	81.56 5.26 0.00	66.39 4.34 0.00	54.83 3.39 0.00	47.26 2.50 0.00	43.18 2.21 0.00
V_F_30_NSYNC___DSASP 323816	46.14 1.90 0.00	42.96 1.73 0.00	40.37 1.59 0.00	40.06 1.50 0.00	40.41 1.56 0.00	47.05 1.98 0.00	60.74 2.50 0.00	84.15 3.63 0.00	67.43 2.84 0.00	53.30 2.27 -0.72	49.95 1.92 -1.15	45.57 1.76 -1.95	42.94 1.60 -1.33	41.15 1.54 -1.23	40.52 1.47 -1.41	41.91 1.59 -1.47	45.90 1.89 0.00	54.79 2.26 0.00	66.78 2.81 0.00	79.89 3.59 0.00	64.72 2.67 0.00	53.54 2.11 0.00	46.68 1.92 0.00	42.73 1.76 0.00

V_F_30_SYNC_DSASP 323786	45.88 1.64 0.00	42.76 1.53 0.00	40.14 1.36 0.00	39.87 1.31 0.00	40.18 1.32 0.00	46.65 1.58 0.00	60.21 1.98 0.00	83.50 2.98 0.00	66.92 2.33 0.00	53.09 2.01 -0.76	49.88 1.78 -1.21	45.56 1.63 -2.07	42.98 1.56 -1.41	41.22 1.54 -1.30	40.60 1.47 -1.49	41.95 1.55 -1.55	45.77 1.76 0.00	54.64 2.10 0.00	66.40 2.43 0.00	79.35 3.05 0.00	64.28 2.23 0.00	53.23 1.80 0.00	46.41 1.66 0.00	42.53 1.56 0.00
V_XM_10_SYNC_DSASP 323789	46.24 1.99 0.00	43.05 1.81 0.00	40.53 1.75 0.00	40.25 1.69 0.00	40.56 1.71 0.00	47.05 1.98 0.00	60.86 2.62 0.00	83.82 3.30 0.00	67.89 3.29 0.00	52.69 2.37 0.00	49.09 2.20 0.00	43.83 1.97 0.00	41.93 1.92 0.00	40.18 1.80 0.00	39.37 1.73 0.00	40.55 1.71 0.00	45.99 1.98 0.00	55.06 2.52 0.00	67.11 3.13 0.00	79.65 3.35 0.00	65.09 3.04 0.00	53.75 2.32 0.00	46.45 1.70 0.00	42.49 1.52 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	45.53 1.28 0.00	42.30 1.07 0.00	39.71 0.93 0.00	39.48 0.93 0.00	39.79 0.93 0.00	46.24 1.17 0.00	59.98 1.75 0.00	83.58 3.06 0.00	66.79 2.20 0.00	46.87 1.81 5.26	40.17 1.69 8.40	29.12 1.59 14.34	31.74 1.48 9.75	30.78 1.42 9.02	28.75 1.43 10.33	29.60 1.52 10.76	45.95 1.94 0.00	54.74 2.21 0.00	66.60 2.62 0.00	79.58 3.28 0.00	64.47 2.42 0.00	53.39 1.95 0.00	46.54 1.79 0.00	42.49 1.52 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	45.92 1.68 0.00	42.63 1.40 0.00	39.95 1.16 0.00	39.71 1.16 0.00	40.10 1.24 0.00	46.56 1.49 0.00	60.33 2.10 0.00	84.38 3.86 0.00	67.50 2.91 0.00	55.43 2.37 -2.75	53.57 2.30 -4.39	51.49 2.13 -7.49	47.15 2.04 -5.10	45.01 1.92 -4.72	44.96 1.92 -5.40	46.53 2.06 -5.62	46.52 2.51 0.00	55.48 2.94 0.00	67.30 3.33 0.00	80.42 4.12 0.00	64.97 2.92 0.00	53.90 2.47 0.00	47.08 2.33 0.00	42.90 1.93 0.00
W50THST__13_KV_LOAD 356117	46.10 1.86 0.00	42.80 1.57 0.00	40.14 1.36 0.00	39.91 1.35 0.00	40.29 1.44 0.00	46.79 1.71 0.00	60.68 2.45 0.00	84.87 4.35 0.00	67.89 3.29 0.00	55.79 2.72 -2.75	53.85 2.58 -4.39	51.74 2.39 -7.49	47.43 2.32 -5.10	45.24 2.15 -4.72	45.18 2.15 -5.40	46.76 2.29 -5.62	46.83 2.82 0.00	55.85 3.31 0.00	67.68 3.71 0.00	80.88 4.58 0.00	65.28 3.23 0.00	54.16 2.73 0.00	47.30 2.55 0.00	43.10 2.13 0.00
WADING RIVER_IC_1 23522	46.19 1.94 0.00	43.13 1.90 0.00	39.91 1.13 0.00	39.63 1.08 0.00	40.33 1.48 0.00	45.75 0.68 0.00	58.99 0.76 0.00	82.21 1.69 0.00	65.50 0.90 0.00	53.88 0.80 -2.76	51.75 0.47 -4.40	50.17 0.79 -7.51	46.24 1.12 -5.11	43.99 0.88 -4.73	44.22 1.17 -5.41	45.84 1.36 -5.64	46.65 2.64 0.00	55.32 2.78 0.00	67.42 3.45 0.00	80.73 4.42 0.00	64.41 2.36 0.00	53.34 1.90 0.00	47.12 2.37 0.00	42.82 1.85 0.00
WADING RIVER_IC_2 23547	46.19 1.94 0.00	43.13 1.90 0.00	39.91 1.13 0.00	39.63 1.08 0.00	40.33 1.48 0.00	45.75 0.68 0.00	58.99 0.76 0.00	82.21 1.69 0.00	65.50 0.90 0.00	53.88 0.80 -2.76	51.75 0.47 -4.40	50.17 0.79 -7.51	46.24 1.12 -5.11	43.99 0.88 -4.73	44.22 1.17 -5.41	45.84 1.36 -5.64	46.65 2.64 0.00	55.32 2.78 0.00	67.42 3.45 0.00	80.73 4.42 0.00	64.41 2.36 0.00	53.34 1.90 0.00	47.12 2.37 0.00	42.82 1.85 0.00
WADING RIVER_IC_3 23601	46.19 1.94 0.00	43.13 1.90 0.00	39.91 1.13 0.00	39.63 1.08 0.00	40.33 1.48 0.00	45.75 0.68 0.00	58.99 0.76 0.00	82.21 1.69 0.00	65.50 0.90 0.00	53.88 0.80 -2.76	51.75 0.47 -4.40	50.17 0.79 -7.51	46.24 1.12 -5.11	43.99 0.88 -4.73	44.22 1.17 -5.41	45.84 1.36 -5.64	46.65 2.64 0.00	55.32 2.78 0.00	67.42 3.45 0.00	80.73 4.42 0.00	64.41 2.36 0.00	53.34 1.90 0.00	47.12 2.37 0.00	42.82 1.85 0.00
WALDENNY_12_KV_BK2 80841	42.34 -1.90 0.00	39.87 -1.36 0.00	37.62 -1.16 0.00	37.59 -0.96 0.00	37.92 -0.93 0.00	43.99 -1.08 0.00	56.95 -1.28 0.00	76.65 -3.86 0.00	61.62 -2.97 0.00	47.60 -2.72 0.00	44.91 -1.97 0.00	40.06 -1.80 0.00	37.93 -2.08 0.00	36.31 -2.07 0.00	35.53 -2.11 0.00	36.71 -2.14 0.00	41.15 -2.86 0.00	48.86 -3.68 0.00	59.69 -4.29 0.00	70.20 -6.10 0.00	58.39 -3.66 0.00	48.60 -2.83 0.00	42.65 -2.10 0.00	39.46 -1.52 0.00
WALDEN__HYDRO 24148	45.53 1.28 0.00	42.30 1.07 0.00	39.71 0.93 0.00	39.48 0.93 0.00	39.79 0.93 0.00	46.24 1.17 0.00	59.98 1.75 0.00	83.42 2.90 0.00	66.66 2.07 0.00	49.99 1.66 1.99	45.20 1.50 3.18	37.85 1.42 5.43	37.63 1.32 3.70	36.19 1.23 3.42	34.97 1.24 3.91	36.13 1.36 4.08	45.82 1.80 0.00	54.58 2.05 0.00	66.53 2.56 0.00	79.58 3.28 0.00	64.41 2.36 0.00	53.34 1.90 0.00	46.50 1.75 0.00	42.41 1.43 0.00
WARRENSBURG____ 23737	45.57 1.33 0.00	42.43 1.20 0.00	39.87 1.09 0.00	39.52 0.96 0.00	39.94 1.09 0.00	46.56 1.49 0.00	60.21 1.98 0.00	83.66 3.14 0.00	67.05 2.45 0.00	52.95 1.91 -0.72	49.48 1.45 -1.14	45.15 1.34 -1.95	42.54 1.20 -1.33	40.68 1.07 -1.23	40.03 0.98 -1.40	41.40 1.09 -1.46	45.38 1.36 0.00	54.11 1.58 0.00	66.02 2.05 0.00	79.05 2.75 0.00	64.03 1.99 0.00	52.82 1.39 0.00	46.10 1.34 0.00	42.24 1.27 0.00
WATERSIDE____6 8 9 23538	46.06 1.81 0.00	42.76 1.53 0.00	40.06 1.28 0.00	39.83 1.27 0.00	40.22 1.36 0.00	46.61 1.53 0.00	60.27 2.04 0.00	84.38 3.86 0.00	67.44 2.84 0.00	55.53 2.47 -2.74	53.61 2.34 -4.38	51.56 2.22 -7.48	47.26 2.16 -5.09	45.12 2.03 -4.71	45.06 2.03 -5.39	46.60 2.14 -5.61	46.65 2.64 0.00	55.58 3.05 0.00	67.23 3.26 0.00	80.35 4.04 0.00	64.90 2.85 0.00	53.90 2.47 0.00	47.13 2.37 0.00	43.06 2.09 0.00
WATKINRD_115KV_LN8_ILLION 55919	44.33 0.09 0.00	41.27 0.04 0.00	38.82 0.04 0.00	38.59 0.04 0.00	38.89 0.04 0.00	45.16 0.09 0.00	58.41 0.17 0.00	81.08 0.56 0.00	65.05 0.45 0.00	50.72 0.40 0.00	47.26 0.38 0.00	42.24 0.38 0.00	40.37 0.36 0.00	38.76 0.38 0.00	38.02 0.38 0.00	39.24 0.39 0.00	44.45 0.44 0.00	53.06 0.53 0.00	64.55 0.58 0.00	76.99 0.69 0.00	62.48 0.43 0.00	51.79 0.36 0.00	45.07 0.31 0.00	41.22 0.25 0.00
WATSON____69_KV_BK 1 55734	47.21 2.96 0.00	43.67 2.43 0.00	40.84 2.06 0.00	40.60 2.04 0.00	40.88 2.02 0.00	47.69 2.61 0.00	61.26 3.03 0.00	85.99 5.48 0.00	68.60 4.00 0.00	56.30 3.22 -2.76	54.14 2.86 -4.40	52.18 2.80 -7.51	47.80 2.68 -5.11	45.56 2.46 -4.73	45.72 2.67 -5.41	47.40 2.91 -5.64	48.02 4.00 0.00	56.95 4.41 0.00	69.41 5.44 0.00	82.94 6.64 0.00	66.76 4.72 0.00	55.29 3.86 0.00	48.60 3.85 0.00	44.21 3.24 0.00
WDELAWARE__HYD 323627	45.83 1.59 0.00	42.59 1.36 0.00	40.02 1.24 0.00	39.87 1.31 0.00	40.10 1.24 0.00	46.69 1.62 0.00	60.57 2.33 0.00	84.15 3.63 0.00	67.31 2.71 0.00	50.80 2.01 1.54	46.16 1.74 2.46	39.22 1.55 4.19	38.56 1.40 2.85	37.01 1.26 2.64	35.91 1.28 3.02	37.10 1.40 3.14	45.86 1.85 0.00	54.74 2.21 0.00	66.92 2.94 0.00	79.96 3.66 0.00	64.84 2.79 0.00	53.59 2.16 0.00	46.63 1.88 0.00	42.57 1.60 0.00

WEST BABYLON___IC 23714	46.94 2.70 0.00	43.42 2.19 0.00	40.64 1.86 0.00	40.41 1.85 0.00	40.68 1.83 0.00	47.42 2.34 0.00	60.91 2.68 0.00	85.43 4.91 0.00	68.21 3.62 0.00	56.04 2.97 -2.76	53.91 2.63 -4.40	51.97 2.60 -7.51	47.64 2.52 -5.11	45.37 2.26 -4.73	45.54 2.48 -5.41	47.20 2.72 -5.64	47.71 3.70 0.00	56.58 4.05 0.00	68.90 4.93 0.00	82.33 6.03 0.00	66.33 4.28 0.00	54.98 3.55 0.00	48.29 3.54 0.00	43.96 2.99 0.00
WEST CANADA___HYD 24049	44.51 0.27 0.00	41.48 0.25 0.00	38.98 0.19 0.00	38.75 0.19 0.00	39.05 0.20 0.00	45.30 0.23 0.00	58.53 0.29 0.00	81.01 0.49 0.00	64.99 0.39 0.00	50.68 0.35 0.00	47.21 0.33 0.00	42.20 0.33 0.00	40.29 0.28 0.00	38.68 0.31 0.00	37.94 0.30 0.00	39.12 0.27 0.00	44.36 0.35 0.00	52.95 0.42 0.00	64.42 0.45 0.00	76.91 0.61 0.00	62.42 0.37 0.00	51.80 0.36 0.00	45.07 0.32 0.00	41.22 0.25 0.00
WESTERN_NY_WIND 24143	42.74 -1.50 0.00	40.20 -1.03 0.00	37.93 -0.85 0.00	37.86 -0.69 0.00	38.27 -0.58 0.00	44.44 -0.63 0.00	57.54 -0.70 0.00	77.86 -2.66 0.00	62.53 -2.07 0.00	48.06 -2.26 0.00	45.15 -1.73 0.00	40.19 -1.67 0.00	38.01 -2.00 0.00	36.42 -1.96 0.00	35.57 -2.07 0.00	36.79 -2.06 0.00	41.41 -2.60 0.00	49.44 -3.10 0.00	60.84 -3.13 0.00	71.88 -4.43 0.00	59.50 -2.54 0.00	49.48 -1.95 0.00	43.14 -1.61 0.00	39.66 -1.31 0.00
WESTOVER___LESR 323668	43.84 -0.40 0.00	40.90 -0.33 0.00	38.55 -0.23 0.00	38.40 -0.15 0.00	38.74 -0.12 0.00	44.94 -0.14 0.00	58.35 0.12 0.00	80.20 -0.32 0.00	64.21 -0.39 0.00	49.82 -0.50 0.00	46.46 -0.42 0.00	41.40 -0.46 0.00	39.45 -0.56 0.00	37.80 -0.58 0.00	37.08 -0.56 0.00	38.26 -0.58 0.00	43.22 -0.79 0.00	51.59 -0.95 0.00	63.01 -0.96 0.00	75.16 -1.14 0.00	61.49 -0.56 0.00	50.92 -0.51 0.00	44.31 -0.45 0.00	40.69 -0.29 0.00
WETHRSFD_WT_PWR 323626	42.25 -1.99 0.00	39.46 -1.77 0.00	37.19 -1.59 0.00	37.13 -1.43 0.00	37.57 -1.28 0.00	43.59 -1.49 0.00	56.66 -1.57 0.00	76.82 -3.70 0.00	61.30 -3.29 0.00	47.10 -3.22 0.00	44.07 -2.81 0.00	39.27 -2.60 0.00	37.29 -2.72 0.00	35.73 -2.65 0.00	35.05 -2.60 0.00	36.13 -2.72 0.00	40.62 -3.39 0.00	48.44 -4.10 0.00	59.75 -4.22 0.00	70.81 -5.49 0.00	58.58 -3.47 0.00	48.66 -2.78 0.00	42.47 -2.28 0.00	39.17 -1.80 0.00
WHAVSTOR_138KV_BK127 55557	45.39 1.15 0.00	42.18 0.95 0.00	39.60 0.81 0.00	39.37 0.81 0.00	39.71 0.85 0.00	46.11 1.04 0.00	59.75 1.51 0.00	83.26 2.74 0.00	66.53 1.94 0.00	46.70 1.61 5.23	40.02 1.50 8.36	29.02 1.42 14.26	31.67 1.36 9.71	30.67 1.27 8.98	28.65 1.28 10.28	29.54 1.40 10.71	45.77 1.76 0.00	54.58 2.05 0.00	66.34 2.37 0.00	79.35 3.05 0.00	64.22 2.17 0.00	53.18 1.75 0.00	46.41 1.66 0.00	42.36 1.39 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	45.39 1.15 0.00	42.18 0.95 0.00	39.60 0.81 0.00	39.37 0.81 0.00	39.71 0.85 0.00	46.11 1.04 0.00	59.75 1.51 0.00	83.26 2.74 0.00	66.53 1.94 0.00	46.70 1.61 5.23	40.02 1.50 8.36	29.02 1.42 14.26	31.67 1.36 9.71	30.67 1.27 8.98	28.65 1.28 10.28	29.54 1.40 10.71	45.77 1.76 0.00	54.58 2.05 0.00	66.34 2.37 0.00	79.35 3.05 0.00	64.22 2.17 0.00	53.18 1.75 0.00	46.41 1.66 0.00	42.36 1.39 0.00
WHITEHAL_115KV_TB1 80871	46.59 2.34 0.00	43.29 2.06 0.00	40.76 1.98 0.00	40.37 1.81 0.00	40.84 1.98 0.00	47.69 2.61 0.00	61.73 3.49 0.00	85.75 5.23 0.00	68.66 4.07 0.00	54.11 3.07 -0.72	50.47 2.44 -1.15	46.09 2.26 -1.96	43.39 2.04 -1.34	41.46 1.84 -1.24	40.79 1.73 -1.41	42.22 1.90 -1.47	46.26 2.24 0.00	55.32 2.78 0.00	67.62 3.65 0.00	81.11 4.81 0.00	65.71 3.66 0.00	54.16 2.73 0.00	47.17 2.42 0.00	43.14 2.17 0.00
WHITEPLN_13_KV_LOAD 356215	46.10 1.86 0.00	42.80 1.57 0.00	40.14 1.36 0.00	39.91 1.35 0.00	40.22 1.36 0.00	46.79 1.71 0.00	60.62 2.39 0.00	84.71 4.19 0.00	67.76 3.17 0.00	55.80 2.62 -2.86	53.89 2.44 -4.57	51.92 2.26 -7.79	47.39 2.08 -5.30	45.24 1.96 -4.91	45.25 2.00 -5.61	46.80 2.10 -5.85	46.61 2.60 0.00	55.58 3.05 0.00	67.55 3.58 0.00	80.80 4.50 0.00	65.28 3.23 0.00	54.11 2.67 0.00	47.17 2.42 0.00	43.02 2.05 0.00
WM_FLOYD_69_KV_BK2 356380	46.41 2.17 0.00	42.84 1.61 0.00	40.10 1.32 0.00	39.87 1.31 0.00	40.10 1.24 0.00	46.33 1.26 0.00	59.57 1.34 0.00	83.66 3.14 0.00	66.40 1.81 0.00	54.59 1.51 -2.76	52.46 1.17 -4.40	50.67 1.30 -7.51	46.64 1.52 -5.11	44.41 1.30 -4.73	44.63 1.58 -5.41	46.27 1.79 -5.64	46.96 2.95 0.00	55.69 3.15 0.00	67.81 3.84 0.00	81.18 4.88 0.00	65.03 2.98 0.00	53.90 2.47 0.00	47.57 2.82 0.00	43.27 2.29 0.00
WOODARD___115KV_TB2 355635	43.05 -1.19 0.00	40.16 -1.07 0.00	37.85 -0.93 0.00	37.67 -0.89 0.00	37.96 -0.89 0.00	43.99 -1.08 0.00	56.90 -1.34 0.00	78.51 -2.01 0.00	62.98 -1.61 0.00	48.96 -1.36 0.00	45.62 -1.27 0.00	40.61 -1.26 0.00	38.81 -1.20 0.00	37.23 -1.15 0.00	36.51 -1.13 0.00	37.64 -1.20 0.00	42.51 -1.50 0.00	50.75 -1.79 0.00	61.86 -2.11 0.00	73.86 -2.44 0.00	60.25 -1.80 0.00	49.94 -1.49 0.00	43.41 -1.34 0.00	39.78 -1.19 0.00
YORK___WARBASSE 23770	56.19 2.17 -9.78	55.47 1.86 -12.38	40.37 1.59 0.00	40.14 1.58 0.00	40.53 1.67 0.00	55.39 1.89 -8.42	60.56 2.33 0.00	84.87 4.35 0.00	67.76 3.17 0.00	57.14 2.82 -4.01	57.87 2.72 -8.27	57.09 2.55 -12.68	57.08 2.48 -14.59	57.04 2.30 -16.35	56.99 2.30 -17.06	57.00 2.41 -15.74	57.81 2.95 -10.85	61.30 3.41 -5.35	67.55 3.58 0.00	80.80 4.50 0.00	65.28 3.23 0.00	60.32 2.83 -6.06	57.68 2.69 -10.24	56.19 2.42 -12.80