

Day Ahead Market Generator LBMP

Generator Data		--- LBMP \$										--- Marginal Cost of Losses										--- Marginal Cost of Congestion										11/02/2025	
Name	PTID	00:00	01:00	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	51.42	53.70	52.59	43.83	41.60	40.15	43.32	50.81	52.79	47.70	39.42	34.73	34.85	36.07	36.54	38.18	44.93	59.48	75.80	76.99	69.13	61.00	55.79	50.10	46.12							
		2.82	2.26	2.50	2.21	2.06	1.98	2.18	2.65	2.80	2.83	2.30	2.15	2.19	2.36	2.29	2.43	3.10	3.74	4.36	4.22	3.67	3.23	3.31	3.06	2.73							
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00							
74TH STREET_GT_1	24260	51.42	53.65	52.59	43.83	41.60	40.11	43.28	50.76	52.69	47.65	39.38	34.66	34.82	36.03	36.50	38.18	44.88	59.48	75.73	76.92	69.13	61.00	55.79	50.10	46.12							
		2.82	2.21	2.50	2.21	2.06	1.95	2.14	2.60	2.70	2.78	2.26	2.08	2.16	2.33	2.26	2.43	3.05	3.74	4.29	4.15	3.67	3.23	3.31	3.06	2.73							
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00							
74TH STREET_GT_2	24261	51.42	53.65	52.59	43.83	41.60	40.11	43.28	50.76	52.69	47.65	39.38	34.66	34.82	36.03	36.50	38.18	44.88	59.48	75.73	76.92	69.13	61.00	55.79	50.10	46.12							
		2.82	2.21	2.50	2.21	2.06	1.95	2.14	2.60	2.70	2.78	2.26	2.08	2.16	2.33	2.26	2.43	3.05	3.74	4.29	4.15	3.67	3.23	3.31	3.06	2.73							
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00							
ADK HUDSON___FALLS	24011	50.06	52.88	51.59	42.79	40.65	39.05	42.33	49.32	51.34	45.77	37.52	32.77	32.79	33.88	34.62	36.32	42.79	57.53	74.15	75.68	68.14	60.07	54.53	48.60	44.73							
		1.46	1.44	1.50	1.17	1.11	0.88	1.19	1.16	1.35	0.90	0.41	0.20	0.13	0.17	0.38	0.57	0.96	1.78	2.71	2.91	2.68	2.31	2.05	1.55	1.35							
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00							
ADK RESOURCE___RCVRY	23798	50.15	53.04	51.69	42.91	40.73	39.16	42.45	49.46	51.39	45.81	37.63	32.77	32.76	33.88	34.62	36.28	42.83	57.70	74.44	75.90	68.41	60.30	54.69	48.65	44.82							
		1.55	1.60	1.60	1.29	1.19	0.99	1.32	1.30	1.40	0.94	0.52	0.20	0.10	0.17	0.38	0.54	1.00	1.95	3.00	3.13	2.95	2.54	2.20	1.60	1.43							
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00							
ADK S GLENS___FALLS	24028	50.06	52.88	51.59	42.79	40.65	39.05	42.33	49.32	51.34	45.77	37.52	32.77	32.79	33.88	34.62	36.32	42.79	57.53	74.15	75.68	68.14	60.07	54.53	48.60	44.73							
		1.46	1.44	1.50	1.17	1.11	0.88	1.19	1.16	1.35	0.90	0.41	0.20	0.13	0.17	0.38	0.57	0.96	1.78	2.71	2.91	2.68	2.31	2.05	1.55	1.35							
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00							
ADK_NYS___DAM	23527	49.82	52.62	51.39	42.25	40.06	38.28	41.71	49.07	51.74	46.40	38.00	33.13	33.12	34.18	35.13	36.92	43.21	57.59	73.73	75.25	67.95	59.90	54.59	48.27	44.51							
		1.22	1.18	1.30	0.63	0.51	0.11	0.58	0.91	1.75	1.53	0.89	0.55	0.46	0.47	0.89	1.18	1.38	1.84	2.29	2.48	2.49	2.14	2.10	1.22	1.13							
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00							
AIR_PRODUCTS___DRP	24190	49.33	52.06	50.79	42.08	39.98	38.47	41.59	48.64	50.79	45.59	37.52	32.94	32.99	34.08	34.76	36.43	42.71	56.81	72.73	74.08	66.77	58.86	53.64	47.85	44.12							
		0.73	0.62	0.70	0.46	0.43	0.31	0.45	0.48	0.80	0.72	0.41	0.36	0.33	0.37	0.51	0.68	0.88	1.06	1.29	1.31	1.31	1.10	1.15	0.80	0.74							
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00							
AKWESSNE_115KV_BK	355683	49.43	52.37	50.94	42.41	40.30	38.89	41.88	49.08	50.84	45.59	37.63	33.03	33.15	34.25	34.69	36.21	42.42	56.42	72.23	73.57	66.25	58.63	53.17	47.75	43.91							
		0.83	0.93	0.85	0.79	0.75	0.73	0.74	0.92	0.85	0.72	0.52	0.46	0.49	0.54	0.45	0.46	0.59	0.67	0.79	0.80	0.79	0.87	0.68	0.71	0.52							
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	50.06	52.88	51.59	42.79	40.61	39.12	42.29	49.46	51.34	45.90	37.78	33.00	33.05	34.18	34.86	36.53	43.00	57.53	73.79	75.17	67.69	59.73	54.37	48.51	44.73							
		1.46	1.44	1.50	1.16	1.07	0.95	1.15	1.30	1.35	1.03	0.67	0.42	0.39	0.47	0.62	0.79	1.17	1.78	2.35	2.40	2.23	1.96	1.89	1.46	1.35							
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00							
ALBANY_2_SOLAR	323834	50.06	52.88	51.59	42.75	40.61	39.12	42.25	49.46	51.34	45.90	37.78	33.00	33.05	34.14	34.86	36.53	43.00	57.48	73.79	75.17	67.69	59.73	54.37	48.51	44.73							
		1.46	1.44	1.50	1.12	1.07	0.95	1.11	1.30	1.35	1.03	0.67	0.42	0.39	0.44	0.62	0.79	1.17	1.73	2.35	2.40	2.23	1.96	1.89	1.46	1.35							
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00							
ALBANY___1	23571	49.33	52.06	50.79	42.08	39.98	38.47	41.59	48.64	50.79	45.59	37.52	32.94	32.99	34.08	34.76	36.43	42.71	56.81	72.73	74.08	66.77	58.86	53.64	47.85	44.12							
		0.73	0.62	0.70	0.46	0.43	0.31	0.45	0.48	0.80	0.72	0.41	0.36	0.33	0.37	0.51	0.68	0.88	1.06	1.29	1.31	1.31	1.10	1.15	0.80	0.74							
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00							

ALBANY___2 23572	49.33 0.73 0.00	52.06 0.62 0.00	50.79 0.70 0.00	42.08 0.46 0.00	39.98 0.43 0.00	38.47 0.31 0.00	41.59 0.45 0.00	48.64 0.48 0.00	50.79 0.80 0.00	45.59 0.72 0.00	37.52 0.41 0.00	32.94 0.36 0.00	32.99 0.33 0.00	34.08 0.37 0.00	34.76 0.51 0.00	36.43 0.68 0.00	42.71 0.88 0.00	56.81 1.06 0.00	72.73 1.29 0.00	74.08 1.31 0.00	66.77 1.31 0.00	58.86 1.10 0.00	53.64 1.15 0.00	47.85 0.80 0.00	44.12 0.74 0.00
ALBANY___3 23573	49.33 0.73 0.00	52.06 0.62 0.00	50.79 0.70 0.00	42.08 0.46 0.00	39.98 0.43 0.00	38.47 0.31 0.00	41.59 0.45 0.00	48.64 0.48 0.00	50.79 0.80 0.00	45.59 0.72 0.00	37.52 0.41 0.00	32.94 0.36 0.00	32.99 0.33 0.00	34.08 0.37 0.00	34.76 0.51 0.00	36.43 0.68 0.00	42.71 0.88 0.00	56.81 1.06 0.00	72.73 1.29 0.00	74.08 1.31 0.00	66.77 1.31 0.00	58.86 1.10 0.00	53.64 1.15 0.00	47.85 0.80 0.00	44.12 0.74 0.00
ALBANY___4 23574	49.33 0.73 0.00	52.06 0.62 0.00	50.79 0.70 0.00	42.08 0.46 0.00	39.98 0.43 0.00	38.47 0.31 0.00	41.59 0.45 0.00	48.64 0.48 0.00	50.79 0.80 0.00	45.59 0.72 0.00	37.52 0.41 0.00	32.94 0.36 0.00	32.99 0.33 0.00	34.08 0.37 0.00	34.76 0.51 0.00	36.43 0.68 0.00	42.71 0.88 0.00	56.81 1.06 0.00	72.73 1.29 0.00	74.08 1.31 0.00	66.77 1.31 0.00	58.86 1.10 0.00	53.64 1.15 0.00	47.85 0.80 0.00	44.12 0.74 0.00
ALBANY___LFGE 323615	49.67 1.07 0.00	52.42 0.97 0.00	51.14 1.05 0.00	42.37 0.75 0.00	40.26 0.71 0.00	38.74 0.57 0.00	41.88 0.74 0.00	49.07 0.91 0.00	51.14 1.15 0.00	45.85 0.99 0.00	37.86 0.74 0.00	33.13 0.55 0.00	33.18 0.52 0.00	34.28 0.57 0.00	35.00 0.75 0.00	36.64 0.89 0.00	42.96 1.13 0.00	57.25 1.51 0.00	73.37 1.93 0.00	74.74 1.97 0.00	67.29 1.83 0.00	59.38 1.62 0.00	54.12 1.63 0.00	48.17 1.13 0.00	44.43 1.04 0.00
ALCOA_PA_115KV_PL-6C 55860	49.86 1.26 0.00	52.83 1.39 0.00	51.39 1.30 0.00	42.79 1.17 0.00	40.65 1.11 0.00	39.24 1.07 0.00	42.29 1.15 0.00	49.51 1.35 0.00	51.29 1.30 0.00	45.95 1.08 0.00	37.89 0.78 0.00	33.26 0.68 0.00	33.41 0.75 0.00	34.48 0.78 0.00	34.96 0.72 0.00	36.46 0.71 0.00	42.75 0.92 0.00	56.86 1.11 0.00	72.80 1.36 0.00	74.15 1.38 0.00	66.84 1.37 0.00	59.15 1.39 0.00	53.69 1.21 0.00	48.17 1.13 0.00	44.26 0.87 0.00
ALCOA_RYNLDS___DRP 24188	49.86 1.26 0.00	52.83 1.39 0.00	51.39 1.30 0.00	42.79 1.17 0.00	40.65 1.11 0.00	39.24 1.07 0.00	42.29 1.15 0.00	49.51 1.35 0.00	51.29 1.30 0.00	45.95 1.08 0.00	37.89 0.78 0.00	33.26 0.68 0.00	33.41 0.75 0.00	34.48 0.78 0.00	34.96 0.72 0.00	36.46 0.71 0.00	42.75 0.92 0.00	56.86 1.11 0.00	72.80 1.36 0.00	74.15 1.38 0.00	66.84 1.37 0.00	59.15 1.39 0.00	53.69 1.21 0.00	48.17 1.13 0.00	44.26 0.87 0.00
ALCOA___DSASP 323711	49.86 1.26 0.00	52.83 1.39 0.00	51.39 1.30 0.00	42.79 1.17 0.00	40.65 1.11 0.00	39.24 1.07 0.00	42.29 1.15 0.00	49.51 1.35 0.00	51.29 1.30 0.00	45.95 1.08 0.00	37.89 0.78 0.00	33.26 0.68 0.00	33.41 0.75 0.00	34.48 0.78 0.00	34.96 0.72 0.00	36.46 0.71 0.00	42.75 0.92 0.00	56.86 1.11 0.00	72.80 1.36 0.00	74.15 1.38 0.00	66.84 1.37 0.00	59.15 1.39 0.00	53.69 1.21 0.00	48.17 1.13 0.00	44.26 0.87 0.00
ALLEGHENY___COGEN 23514	49.48 0.88 0.00	53.40 1.95 0.00	51.39 1.30 0.00	42.87 1.25 0.00	40.65 1.11 0.00	39.73 1.57 0.00	42.17 1.03 0.00	49.22 1.06 0.00	50.24 0.25 0.00	44.56 -0.31 0.00	36.82 -0.30 0.00	32.45 -0.13 0.00	32.40 -0.26 0.00	33.34 -0.37 0.00	33.76 -0.48 0.00	34.99 -0.75 0.00	40.49 -1.34 0.00	54.91 -0.83 0.00	72.37 0.93 0.00	74.51 1.74 0.00	66.38 0.92 0.00	57.99 0.23 0.00	51.75 -0.73 0.00	47.23 0.19 0.00	42.61 -0.78 0.00
ALTAMONT_115KV_TB 2 55880	49.43 0.83 0.00	52.16 0.72 0.00	50.89 0.80 0.00	42.20 0.58 0.00	40.10 0.55 0.00	38.63 0.46 0.00	41.71 0.58 0.00	48.84 0.67 0.00	50.89 0.90 0.00	45.68 0.81 0.00	37.67 0.56 0.00	33.03 0.46 0.00	33.12 0.46 0.00	34.21 0.51 0.00	34.83 0.58 0.00	36.46 0.71 0.00	42.75 0.92 0.00	56.86 1.11 0.00	72.80 1.36 0.00	74.15 1.38 0.00	66.77 1.31 0.00	58.92 1.16 0.00	53.64 1.15 0.00	47.99 0.94 0.00	44.21 0.82 0.00
ALTONA_WT_PWR 323606	49.48 0.88 0.00	52.57 1.13 0.00	51.14 1.05 0.00	42.58 0.96 0.00	40.49 0.95 0.00	39.08 0.91 0.00	42.12 0.99 0.00	49.37 1.20 0.00	51.19 1.20 0.00	45.85 0.99 0.00	37.78 0.67 0.00	33.13 0.55 0.00	33.25 0.59 0.00	34.28 0.57 0.00	34.76 0.51 0.00	36.32 0.57 0.00	42.62 0.79 0.00	56.36 0.61 0.00	71.87 0.43 0.00	73.14 0.37 0.00	65.86 0.40 0.00	58.28 0.52 0.00	53.07 0.58 0.00	47.94 0.89 0.00	43.95 0.56 0.00
AMERICAN_REF_FUEL 24010	45.93 -2.67 0.00	50.05 -1.39 0.00	47.93 -2.15 0.00	40.33 -1.29 0.00	38.24 -1.30 0.00	37.56 -0.61 0.00	39.58 -1.56 0.00	45.85 -2.31 0.00	46.19 -3.80 0.00	41.10 -3.77 0.00	34.66 -2.45 0.00	31.08 -1.50 0.00	31.09 -1.57 0.00	31.99 -1.72 0.00	32.29 -1.95 0.00	33.28 -2.47 0.00	37.86 -3.97 0.00	50.79 -4.96 0.00	66.08 -5.36 0.00	67.53 -5.24 0.00	59.83 -5.63 0.00	52.10 -5.66 0.00	46.45 -6.03 0.00	43.47 -3.58 0.00	41.35 -2.04 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	47.68 -0.92 0.00	51.80 0.36 0.00	49.68 -0.40 0.00	41.66 0.04 0.00	39.47 -0.08 0.00	38.70 0.53 0.00	40.85 -0.29 0.00	47.63 -0.53 0.00	48.44 -1.55 0.00	43.07 -1.80 0.00	36.33 -0.78 0.00	32.48 -0.10 0.00	32.43 -0.23 0.00	33.40 -0.30 0.00	33.80 -0.45 0.00	34.78 -0.96 0.00	39.57 -2.26 0.00	53.24 -2.51 0.00	69.51 -1.93 0.00	70.88 -1.89 0.00	62.45 -3.01 0.00	54.06 -3.70 0.00	47.92 -4.57 0.00	44.32 -2.73 0.00	41.44 -1.95 0.00
ARTHUR KILL_GT_1 23520	52.20 3.60 0.00	53.96 2.52 0.00	53.09 3.01 0.00	44.41 2.79 0.00	42.16 2.61 0.00	40.69 2.52 0.00	43.52 2.39 0.00	50.76 2.60 0.00	52.44 2.45 0.00	47.19 2.33 0.01	39.12 2.00 0.00	34.40 1.82 0.00	34.55 1.89 0.00	35.80 2.09 0.00	36.30 2.05 0.00	38.00 2.25 0.00	44.68 2.84 0.00	58.81 3.07 0.01	75.50 4.07 0.01	76.69 3.93 0.01	68.86 3.40 0.01	60.58 2.83 0.01	55.37 2.89 0.01	50.34 3.29 0.00	46.51 3.12 0.00
ARTHUR_KILL_2 23512	52.06 3.45 -0.01	53.81 2.37 0.00	52.89 2.80 0.00	44.33 2.70 0.00	42.04 2.49 0.00	40.57 2.41 0.00	43.44 2.30 0.00	50.66 2.50 0.00	52.29 2.30 0.00	47.10 2.24 0.01	39.19 2.08 0.00	34.34 1.76 0.00	34.49 1.83 0.00	35.70 1.99 0.00	36.23 1.99 0.00	37.89 2.14 0.00	44.59 2.76 0.00	58.58 2.84 0.01	75.22 3.78 0.01	76.40 3.64 0.01	68.59 3.14 0.01	60.47 2.72 0.01	55.26 2.78 0.01	50.15 3.10 0.00	46.51 3.13 0.00
ARTHUR_KILL_3 23513	50.93 2.33 0.00	53.14 1.70 0.00	52.04 1.95 0.00	43.41 1.79 0.00	41.21 1.66 0.00	39.73 1.57 0.00	42.91 1.77 0.00	50.38 2.22 0.00	52.34 2.35 0.00	47.33 2.47 0.00	39.27 2.15 0.00	34.47 1.89 0.00	34.59 1.93 0.00	35.76 2.06 0.00	36.26 2.02 0.00	37.93 2.18 0.00	44.59 2.76 0.00	59.09 3.34 0.00	75.01 3.57 0.00	76.12 3.35 0.00	68.47 3.01 0.00	60.53 2.77 0.00	55.42 2.94 0.00	49.63 2.59 0.00	45.77 2.38 0.00

ARTHUR_KILL_COGEN 323718	52.20 3.60 -0.01	53.96 2.52 0.00	53.04 2.95 0.00	44.41 2.79 0.00	42.15 2.61 0.00	40.69 2.52 0.00	43.52 2.39 0.00	50.81 2.65 0.00	52.44 2.45 0.00	47.24 2.38 0.01	39.27 2.15 0.00	34.40 1.82 0.00	34.55 1.89 0.00	35.80 2.09 0.00	36.30 2.05 0.00	38.00 2.25 0.00	44.68 2.85 0.00	58.75 3.01 0.01	75.43 4.00 0.01	76.62 3.85 0.01	68.79 3.34 0.01	60.64 2.89 0.01	55.42 2.94 0.01	50.29 3.24 0.00	46.60 3.21 0.00
ASHOKAN____ 23654	50.55 1.95 0.00	53.09 1.65 0.00	51.84 1.75 0.00	43.08 1.46 0.00	40.89 1.35 0.00	39.39 1.22 0.00	42.49 1.36 0.00	49.70 1.54 0.00	51.39 1.40 0.00	46.26 1.39 0.00	37.97 0.85 0.00	33.03 0.46 0.00	33.08 0.42 0.00	34.32 0.61 0.00	34.93 0.68 0.00	36.71 0.97 0.00	43.51 1.67 0.00	58.31 2.57 0.00	75.08 3.64 0.00	76.41 3.64 0.00	68.60 3.14 0.00	60.42 2.66 0.00	54.95 2.47 0.00	49.02 1.98 0.00	45.25 1.86 0.00
ASTORIA_EAST_ENERGY_CC1 323581	51.52 2.92 0.00	53.55 2.11 0.00	52.54 2.45 0.00	43.87 2.25 0.00	41.64 2.09 0.00	40.19 2.02 0.00	43.07 1.93 0.00	50.23 2.07 0.00	51.94 1.95 0.00	46.93 2.07 0.01	39.04 1.93 0.00	34.30 1.73 0.01	34.41 1.76 0.01	35.62 1.92 0.01	36.12 1.88 0.01	37.74 2.00 0.01	44.33 2.51 0.01	58.69 2.95 0.01	74.79 3.36 0.01	75.89 3.13 0.01	68.20 2.75 0.01	60.18 2.43 0.01	55.05 2.57 0.01	49.73 2.68 0.00	46.08 2.69 0.00
ASTORIA_EAST_ENERGY_CC2 323582	51.52 2.92 0.00	53.55 2.11 0.00	52.49 2.40 0.00	43.83 2.20 0.00	41.64 2.09 0.00	40.15 1.98 0.00	43.03 1.89 0.00	50.23 2.07 0.00	51.94 1.95 0.00	46.88 2.02 0.01	39.04 1.93 0.00	34.26 1.69 0.01	34.41 1.76 0.01	35.62 1.92 0.01	36.12 1.88 0.01	37.70 1.96 0.01	44.33 2.51 0.01	58.64 2.90 0.01	74.72 3.29 0.01	75.89 3.13 0.01	68.20 2.75 0.01	60.12 2.37 0.01	55.05 2.57 0.01	49.68 2.63 0.00	46.08 2.69 0.00
ASTORIA_GT2_1 24094	51.52 2.92 0.00	53.55 2.11 0.00	52.54 2.45 0.00	43.87 2.25 0.00	41.64 2.10 0.00	40.19 2.02 0.00	43.07 1.93 0.00	50.23 2.07 0.00	51.94 1.95 0.00	46.88 2.02 0.01	38.86 1.74 0.00	34.30 1.73 0.00	34.42 1.76 0.00	35.63 1.92 0.00	36.09 1.85 0.00	37.75 2.00 0.00	44.34 2.51 0.00	58.64 2.90 0.01	74.79 3.36 0.01	76.04 3.27 0.01	68.27 2.81 0.01	60.12 2.37 0.01	55.05 2.57 0.01	49.77 2.73 0.00	45.99 2.60 0.00
ASTORIA_GT2_2 24095	51.52 2.92 0.00	53.55 2.11 0.00	52.54 2.45 0.00	43.87 2.25 0.00	41.64 2.10 0.00	40.19 2.02 0.00	43.07 1.93 0.00	50.23 2.07 0.00	51.94 1.95 0.00	46.88 2.02 0.01	38.86 1.74 0.00	34.30 1.73 0.00	34.42 1.76 0.00	35.63 1.92 0.00	36.09 1.85 0.00	37.75 2.00 0.00	44.34 2.51 0.00	58.64 2.90 0.01	74.79 3.36 0.01	76.04 3.27 0.01	68.27 2.81 0.01	60.12 2.37 0.01	55.05 2.57 0.01	49.77 2.73 0.00	45.99 2.60 0.00
ASTORIA_GT2_3 24096	51.52 2.92 0.00	53.55 2.11 0.00	52.54 2.45 0.00	43.87 2.25 0.00	41.64 2.10 0.00	40.19 2.02 0.00	43.07 1.93 0.00	50.23 2.07 0.00	51.94 1.95 0.00	46.88 2.02 0.01	38.86 1.74 0.00	34.30 1.73 0.00	34.42 1.76 0.00	35.63 1.92 0.00	36.09 1.85 0.00	37.75 2.00 0.00	44.34 2.51 0.00	58.64 2.90 0.01	74.79 3.36 0.01	76.04 3.27 0.01	68.27 2.81 0.01	60.12 2.37 0.01	55.05 2.57 0.01	49.77 2.73 0.00	45.99 2.60 0.00
ASTORIA_GT2_4 24097	51.52 2.92 0.00	53.55 2.11 0.00	52.54 2.45 0.00	43.87 2.25 0.00	41.64 2.10 0.00	40.19 2.02 0.00	43.07 1.93 0.00	50.23 2.07 0.00	51.94 1.95 0.00	46.88 2.02 0.01	38.86 1.74 0.00	34.30 1.73 0.00	34.42 1.76 0.00	35.63 1.92 0.00	36.09 1.85 0.00	37.75 2.00 0.00	44.34 2.51 0.00	58.64 2.90 0.01	74.79 3.36 0.01	76.04 3.27 0.01	68.27 2.81 0.01	60.12 2.37 0.01	55.05 2.57 0.01	49.77 2.73 0.00	45.99 2.60 0.00
ASTORIA_GT3_1 24098	51.52 2.92 0.00	53.55 2.11 0.00	52.54 2.45 0.00	43.87 2.25 0.00	41.64 2.10 0.00	40.19 2.02 0.00	43.07 1.93 0.00	50.23 2.07 0.00	51.94 1.95 0.00	46.88 2.02 0.01	38.86 1.74 0.00	34.30 1.73 0.00	34.42 1.76 0.00	35.63 1.92 0.00	36.09 1.85 0.00	37.75 2.00 0.00	44.34 2.51 0.00	58.64 2.90 0.01	74.79 3.36 0.01	76.04 3.27 0.01	68.27 2.81 0.01	60.12 2.37 0.01	55.05 2.57 0.01	49.77 2.73 0.00	45.99 2.60 0.00
ASTORIA_GT3_2 24099	51.52 2.92 0.00	53.55 2.11 0.00	52.54 2.45 0.00	43.87 2.25 0.00	41.64 2.10 0.00	40.19 2.02 0.00	43.07 1.93 0.00	50.23 2.07 0.00	51.94 1.95 0.00	46.88 2.02 0.01	38.86 1.74 0.00	34.30 1.73 0.00	34.42 1.76 0.00	35.63 1.92 0.00	36.09 1.85 0.00	37.75 2.00 0.00	44.34 2.51 0.00	58.64 2.90 0.01	74.79 3.36 0.01	76.04 3.27 0.01	68.27 2.81 0.01	60.12 2.37 0.01	55.05 2.57 0.01	49.77 2.73 0.00	45.99 2.60 0.00
ASTORIA_GT3_3 24100	51.52 2.92 0.00	53.55 2.11 0.00	52.54 2.45 0.00	43.87 2.25 0.00	41.64 2.10 0.00	40.19 2.02 0.00	43.07 1.93 0.00	50.23 2.07 0.00	51.94 1.95 0.00	46.88 2.02 0.01	38.86 1.74 0.00	34.30 1.73 0.00	34.42 1.76 0.00	35.63 1.92 0.00	36.09 1.85 0.00	37.75 2.00 0.00	44.34 2.51 0.00	58.64 2.90 0.01	74.79 3.36 0.01	76.04 3.27 0.01	68.27 2.81 0.01	60.12 2.37 0.01	55.05 2.57 0.01	49.77 2.73 0.00	45.99 2.60 0.00
ASTORIA_GT3_4 24101	51.52 2.92 0.00	53.55 2.11 0.00	52.54 2.45 0.00	43.87 2.25 0.00	41.64 2.10 0.00	40.19 2.02 0.00	43.07 1.93 0.00	50.23 2.07 0.00	51.94 1.95 0.00	46.88 2.02 0.01	38.86 1.74 0.00	34.30 1.73 0.00	34.42 1.76 0.00	35.63 1.92 0.00	36.09 1.85 0.00	37.75 2.00 0.00	44.34 2.51 0.00	58.64 2.90 0.01	74.79 3.36 0.01	76.04 3.27 0.01	68.27 2.81 0.01	60.12 2.37 0.01	55.05 2.57 0.01	49.77 2.73 0.00	45.99 2.60 0.00
ASTORIA_GT4_1 24102	51.52 2.92 0.00	53.55 2.11 0.00	52.54 2.45 0.00	43.87 2.25 0.00	41.64 2.10 0.00	40.19 2.02 0.00	43.07 1.93 0.00	50.23 2.07 0.00	51.94 1.95 0.00	46.88 2.02 0.01	38.86 1.74 0.00	34.30 1.73 0.00	34.42 1.76 0.00	35.63 1.92 0.00	36.09 1.85 0.00	37.75 2.00 0.00	44.34 2.51 0.00	58.64 2.90 0.01	74.79 3.36 0.01	76.04 3.27 0.01	68.27 2.81 0.01	60.12 2.37 0.01	55.05 2.57 0.01	49.77 2.73 0.00	45.99 2.60 0.00
ASTORIA_GT4_2 24103	51.52 2.92 0.00	53.55 2.11 0.00	52.54 2.45 0.00	43.87 2.25 0.00	41.64 2.10 0.00	40.19 2.02 0.00	43.07 1.93 0.00	50.23 2.07 0.00	51.94 1.95 0.00	46.88 2.02 0.01	38.86 1.74 0.00	34.30 1.73 0.00	34.42 1.76 0.00	35.63 1.92 0.00	36.09 1.85 0.00	37.75 2.00 0.00	44.34 2.51 0.00	58.64 2.90 0.01	74.79 3.36 0.01	76.04 3.27 0.01	68.27 2.81 0.01	60.12 2.37 0.01	55.05 2.57 0.01	49.77 2.73 0.00	45.99 2.60 0.00
ASTORIA_GT4_3 24104	51.52 2.92 0.00	53.55 2.11 0.00	52.54 2.45 0.00	43.87 2.25 0.00	41.64 2.10 0.00	40.19 2.02 0.00	43.07 1.93 0.00	50.23 2.07 0.00	51.94 1.95 0.00	46.88 2.02 0.01	38.86 1.74 0.00	34.30 1.73 0.00	34.42 1.76 0.00	35.63 1.92 0.00	36.09 1.85 0.00	37.75 2.00 0.00	44.34 2.51 0.00	58.64 2.90 0.01	74.79 3.36 0.01	76.04 3.27 0.01	68.27 2.81 0.01	60.12 2.37 0.01	55.05 2.57 0.01	49.77 2.73 0.00	45.99 2.60 0.00

ASTORIA_GT4_4 24105	51.52 2.92 0.00	53.55 2.11 0.00	52.54 2.45 0.00	43.87 2.25 0.00	41.64 2.10 0.00	40.19 2.02 0.00	43.07 1.93 0.00	50.23 2.07 0.00	51.94 1.95 0.00	46.88 2.02 0.01	38.86 1.74 0.00	34.30 1.73 0.00	34.42 1.76 0.00	35.63 1.92 0.00	36.09 1.85 0.00	37.75 2.00 0.00	44.34 2.51 0.00	58.64 2.90 0.01	74.79 3.36 0.01	76.04 3.27 0.01	68.27 2.81 0.01	60.12 2.37 0.01	55.05 2.57 0.01	49.77 2.73 0.00	45.99 2.60 0.00
ASTORIA_GT_1 23523	51.61 3.01 0.00	53.65 2.21 0.00	52.59 2.50 0.00	43.91 2.29 0.00	41.72 2.18 0.00	40.23 2.06 0.00	43.11 1.97 0.00	50.28 2.12 0.00	52.04 2.05 0.00	46.97 2.11 0.01	38.93 1.82 0.00	34.34 1.76 0.00	34.49 1.83 0.00	35.70 1.99 0.00	36.16 1.92 0.00	37.82 2.07 0.00	44.42 2.59 0.00	58.75 3.01 0.01	74.93 3.50 0.01	76.18 3.42 0.01	68.40 2.95 0.01	60.24 2.48 0.01	55.10 2.62 0.01	49.87 2.82 0.00	46.08 2.69 0.00
ASTORIA_GT_10 24110	51.22 2.62 0.00	53.29 1.85 0.00	52.29 2.20 0.00	43.66 2.04 0.00	41.44 1.90 0.00	40.00 1.83 0.00	42.99 1.85 0.00	50.28 2.12 0.00	52.14 2.15 0.00	47.11 2.24 0.01	39.01 1.89 0.00	34.37 1.79 0.00	34.52 1.86 0.00	35.70 1.99 0.00	36.20 1.95 0.00	37.86 2.11 0.00	44.47 2.64 0.00	58.75 3.01 0.01	74.79 3.36 0.01	75.96 3.20 0.01	68.27 2.81 0.01	60.24 2.48 0.01	55.16 2.68 0.01	49.73 2.68 0.00	45.86 2.47 0.00
ASTORIA_GT_11 24225	51.22 2.62 0.00	53.29 1.85 0.00	52.29 2.20 0.00	43.66 2.04 0.00	41.44 1.90 0.00	40.00 1.83 0.00	42.99 1.85 0.00	50.28 2.12 0.00	52.14 2.15 0.00	47.11 2.24 0.01	39.01 1.89 0.00	34.37 1.79 0.00	34.52 1.86 0.00	35.70 1.99 0.00	36.20 1.95 0.00	37.86 2.11 0.00	44.47 2.64 0.00	58.75 3.01 0.01	74.79 3.36 0.01	75.96 3.20 0.01	68.27 2.81 0.01	60.24 2.48 0.01	55.16 2.68 0.01	49.73 2.68 0.00	45.86 2.47 0.00
ASTORIA_GT_12 24226	51.22 2.62 0.00	53.29 1.85 0.00	52.29 2.20 0.00	43.66 2.04 0.00	41.44 1.90 0.00	40.00 1.83 0.00	42.99 1.85 0.00	50.28 2.12 0.00	52.14 2.15 0.00	47.11 2.24 0.01	39.01 1.89 0.00	34.37 1.79 0.00	34.52 1.86 0.00	35.70 1.99 0.00	36.20 1.95 0.00	37.86 2.11 0.00	44.47 2.64 0.00	58.75 3.01 0.01	74.79 3.36 0.01	75.96 3.20 0.01	68.27 2.81 0.01	60.24 2.48 0.01	55.16 2.68 0.01	49.73 2.68 0.00	45.86 2.47 0.00
ASTORIA_GT_13 24227	51.22 2.62 0.00	53.29 1.85 0.00	52.29 2.20 0.00	43.66 2.04 0.00	41.44 1.90 0.00	40.00 1.83 0.00	42.99 1.85 0.00	50.28 2.12 0.00	52.14 2.15 0.00	47.11 2.24 0.01	39.01 1.89 0.00	34.37 1.79 0.00	34.52 1.86 0.00	35.70 1.99 0.00	36.20 1.95 0.00	37.86 2.11 0.00	44.47 2.64 0.00	58.75 3.01 0.01	74.79 3.36 0.01	75.96 3.20 0.01	68.27 2.81 0.01	60.24 2.48 0.01	55.16 2.68 0.01	49.73 2.68 0.00	45.86 2.47 0.00
ASTORIA_GT_5 24106	51.61 3.01 0.00	53.65 2.21 0.00	52.59 2.50 0.00	43.91 2.29 0.00	41.72 2.18 0.00	40.23 2.06 0.00	43.11 1.97 0.00	50.28 2.12 0.00	52.04 2.05 0.00	46.97 2.11 0.01	38.93 1.82 0.00	34.34 1.76 0.00	34.49 1.83 0.00	35.70 1.99 0.00	36.16 1.92 0.00	37.82 2.07 0.00	44.42 2.59 0.00	58.75 3.01 0.01	74.93 3.50 0.01	76.18 3.42 0.01	68.40 2.95 0.01	60.24 2.48 0.01	55.10 2.62 0.01	49.87 2.82 0.00	46.08 2.69 0.00
ASTORIA_GT_7 24107	51.61 3.01 0.00	53.65 2.21 0.00	52.59 2.50 0.00	43.91 2.29 0.00	41.72 2.18 0.00	40.23 2.06 0.00	43.11 1.97 0.00	50.28 2.12 0.00	52.04 2.05 0.00	46.97 2.11 0.01	38.93 1.82 0.00	34.34 1.76 0.00	34.49 1.83 0.00	35.70 1.99 0.00	36.16 1.92 0.00	37.82 2.07 0.00	44.42 2.59 0.00	58.75 3.01 0.01	74.93 3.50 0.01	76.18 3.42 0.01	68.40 2.95 0.01	60.24 2.48 0.01	55.10 2.62 0.01	49.87 2.82 0.00	46.08 2.69 0.00
ASTORIA_GT_8 24108	51.61 3.01 0.00	53.65 2.21 0.00	52.59 2.50 0.00	43.91 2.29 0.00	41.72 2.18 0.00	40.23 2.06 0.00	43.11 1.97 0.00	50.28 2.12 0.00	52.04 2.05 0.00	46.97 2.11 0.01	38.93 1.82 0.00	34.34 1.76 0.00	34.49 1.83 0.00	35.70 1.99 0.00	36.16 1.92 0.00	37.82 2.07 0.00	44.42 2.59 0.00	58.75 3.01 0.01	74.93 3.50 0.01	76.18 3.42 0.01	68.40 2.95 0.01	60.24 2.48 0.01	55.10 2.62 0.01	49.87 2.82 0.00	46.08 2.69 0.00
ASTORIA___2 24149	51.52 2.92 0.00	53.55 2.11 0.00	52.54 2.45 0.00	43.87 2.25 0.00	41.64 2.09 0.00	40.19 2.02 0.00	43.07 1.93 0.00	50.23 2.07 0.00	51.94 1.95 0.00	46.93 2.07 0.01	39.04 1.93 0.00	34.30 1.73 0.01	34.41 1.76 0.01	35.62 1.92 0.01	36.12 1.88 0.01	37.74 2.00 0.01	44.33 2.51 0.01	58.69 2.95 0.01	74.79 3.36 0.01	75.89 3.13 0.01	68.20 2.75 0.01	60.18 2.43 0.01	55.05 2.57 0.01	49.73 2.68 0.00	46.08 2.69 0.00
ASTORIA___3 23516	51.22 2.62 0.00	53.29 1.85 0.00	52.29 2.20 0.00	43.66 2.04 0.00	41.44 1.90 0.00	40.00 1.83 0.00	42.99 1.85 0.00	50.33 2.17 0.00	52.14 2.15 0.00	47.10 2.24 0.01	39.19 2.08 0.00	34.37 1.79 0.00	34.52 1.86 0.00	35.70 1.99 0.00	36.20 1.95 0.00	37.86 2.11 0.00	44.47 2.64 0.00	58.80 3.06 0.01	74.79 3.36 0.01	75.89 3.13 0.01	68.27 2.81 0.01	60.29 2.54 0.01	55.16 2.68 0.01	49.68 2.63 0.00	45.95 2.56 0.00
ASTORIA___4 23517	51.22 2.62 0.00	53.29 1.85 0.00	52.29 2.20 0.00	43.66 2.04 0.00	41.44 1.90 0.00	40.00 1.83 0.00	42.99 1.85 0.00	50.28 2.12 0.00	52.14 2.15 0.00	47.11 2.24 0.01	39.01 1.89 0.00	34.37 1.79 0.00	34.52 1.86 0.00	35.70 1.99 0.00	36.20 1.95 0.00	37.86 2.11 0.00	44.47 2.64 0.00	58.75 3.01 0.01	74.79 3.36 0.01	75.96 3.20 0.01	68.27 2.81 0.01	60.24 2.48 0.01	55.16 2.68 0.01	49.73 2.68 0.00	45.86 2.47 0.00
ASTORIA___5 23518	51.22 2.62 0.00	53.29 1.85 0.00	52.29 2.20 0.00	43.66 2.04 0.00	41.44 1.90 0.00	40.00 1.83 0.00	42.99 1.85 0.00	50.33 2.17 0.00	52.14 2.15 0.00	47.10 2.24 0.01	39.19 2.08 0.00	34.37 1.79 0.00	34.52 1.86 0.00	35.70 1.99 0.00	36.20 1.95 0.00	37.86 2.11 0.00	44.47 2.64 0.00	58.80 3.06 0.01	74.79 3.36 0.01	75.89 3.13 0.01	68.27 2.81 0.01	60.29 2.54 0.01	55.16 2.68 0.01	49.68 2.63 0.00	45.95 2.56 0.00
AST_ENERGY_2_CC3 323677	51.52 2.92 0.00	53.55 2.11 0.00	52.54 2.45 0.00	43.87 2.25 0.00	41.64 2.09 0.00	40.19 2.02 0.00	43.07 1.93 0.00	50.23 2.07 0.00	51.94 1.95 0.00	46.93 2.07 0.01	39.04 1.93 0.00	34.30 1.73 0.01	34.41 1.76 0.01	35.62 1.92 0.01	36.12 1.88 0.01	37.74 2.00 0.01	44.33 2.51 0.01	58.69 2.95 0.01	74.79 3.36 0.01	75.89 3.13 0.01	68.20 2.75 0.01	60.18 2.43 0.01	55.05 2.57 0.01	49.73 2.68 0.00	46.08 2.69 0.00
AST_ENERGY_2_CC4 323678	51.52 2.92 0.00	53.55 2.11 0.00	52.54 2.45 0.00	43.87 2.25 0.00	41.64 2.09 0.00	40.19 2.02 0.00	43.07 1.93 0.00	50.23 2.07 0.00	51.94 1.95 0.00	46.93 2.07 0.01	39.04 1.93 0.00	34.30 1.73 0.01	34.41 1.76 0.01	35.62 1.92 0.01	36.12 1.88 0.01	37.74 2.00 0.01	44.33 2.51 0.01	58.69 2.95 0.01	74.79 3.36 0.01	75.89 3.13 0.01	68.20 2.75 0.01	60.18 2.43 0.01	55.05 2.57 0.01	49.73 2.68 0.00	46.08 2.69 0.00

ATHENS_STG_1 23668	49.91 1.31 0.00	52.52 1.08 0.00	51.29 1.20 0.00	42.62 1.00 0.00	40.46 0.91 0.00	38.97 0.80 0.00	42.12 0.99 0.00	49.37 1.20 0.00	51.34 1.35 0.00	46.17 1.30 0.00	38.15 1.04 0.00	33.46 0.88 0.00	33.54 0.88 0.00	34.65 0.94 0.00	35.24 0.99 0.00	36.86 1.11 0.00	43.25 1.42 0.00	57.53 1.78 0.00	73.51 2.07 0.00	74.80 2.03 0.00	67.29 1.83 0.00	59.44 1.68 0.00	54.17 1.68 0.00	48.46 1.41 0.00	44.73 1.35 0.00
ATHENS_STG_2 23670	49.91 1.31 0.00	52.52 1.08 0.00	51.29 1.20 0.00	42.62 1.00 0.00	40.46 0.91 0.00	38.97 0.80 0.00	42.12 0.99 0.00	49.37 1.20 0.00	51.34 1.35 0.00	46.17 1.30 0.00	38.15 1.04 0.00	33.46 0.88 0.00	33.54 0.88 0.00	34.65 0.94 0.00	35.24 0.99 0.00	36.86 1.11 0.00	43.25 1.42 0.00	57.53 1.78 0.00	73.51 2.07 0.00	74.80 2.03 0.00	67.29 1.83 0.00	59.44 1.68 0.00	54.17 1.68 0.00	48.46 1.41 0.00	44.73 1.35 0.00
ATHENS_STG_3 23677	49.91 1.31 0.00	52.52 1.08 0.00	51.29 1.20 0.00	42.62 1.00 0.00	40.46 0.91 0.00	38.97 0.80 0.00	42.12 0.99 0.00	49.37 1.20 0.00	51.34 1.35 0.00	46.17 1.30 0.00	38.15 1.04 0.00	33.46 0.88 0.00	33.54 0.88 0.00	34.65 0.94 0.00	35.24 0.99 0.00	36.86 1.11 0.00	43.25 1.42 0.00	57.53 1.78 0.00	73.51 2.07 0.00	74.80 2.03 0.00	67.29 1.83 0.00	59.44 1.68 0.00	54.17 1.68 0.00	48.46 1.41 0.00	44.73 1.35 0.00
AUBURN____LFGE 323710	48.26 -0.34 0.00	51.29 -0.15 0.00	49.84 -0.25 0.00	41.46 -0.17 0.00	39.39 -0.16 0.00	38.13 -0.04 0.00	40.93 -0.21 0.00	48.02 -0.14 0.00	49.64 -0.35 0.00	44.51 -0.36 0.00	36.97 -0.15 0.00	32.38 -0.20 0.00	32.46 -0.20 0.00	33.47 -0.24 0.00	34.00 -0.24 0.00	35.39 -0.36 0.00	41.29 -0.54 0.00	55.36 -0.39 0.00	71.51 0.07 0.00	72.92 0.15 0.00	65.39 -0.07 0.00	57.59 -0.17 0.00	52.12 -0.37 0.00	46.86 -0.19 0.00	43.26 -0.13 0.00
BABYLON_RES_REC 323704	48.51 1.46 1.54	48.59 0.31 3.16	48.66 0.65 2.07	43.62 2.00 0.00	41.33 1.78 0.00	39.96 1.79 0.00	43.28 2.14 0.00	48.38 1.15 0.94	49.01 0.85 1.82	47.16 2.29 0.00	38.56 1.45 0.00	34.30 1.73 0.00	34.49 1.83 0.00	35.80 2.09 0.00	36.61 2.36 0.00	38.71 2.97 0.00	45.79 3.64 -0.32	53.45 1.34 3.63	73.58 2.14 0.00	75.25 2.48 0.00	67.62 2.16 0.00	59.16 1.44 0.05	53.68 1.73 0.54	49.71 2.78 0.11	46.73 3.34 0.00
BALL_HILL_WT_PWR 323825	47.09 -1.51 0.00	51.18 -0.26 0.00	49.09 -1.00 0.00	41.12 -0.50 0.00	38.99 -0.55 0.00	38.24 0.08 0.00	40.36 -0.78 0.00	47.00 -1.16 0.00	47.79 -2.20 0.00	42.53 -2.34 0.00	35.85 -1.26 0.00	32.02 -0.55 0.00	32.04 -0.62 0.00	33.00 -0.71 0.00	33.35 -0.89 0.00	34.35 -1.39 0.00	39.15 -2.68 0.00	52.63 -3.12 0.00	68.65 -2.79 0.00	70.15 -2.62 0.00	62.05 -3.41 0.00	53.95 -3.81 0.00	48.03 -4.46 0.00	44.55 -2.49 0.00	41.74 -1.65 0.00
BARON_WINDS____WT_PWR 323822	47.63 -0.97 0.00	51.44 0.00 0.00	49.54 -0.55 0.00	41.46 -0.17 0.00	39.31 -0.24 0.00	38.47 0.30 0.00	40.73 -0.41 0.00	47.53 -0.63 0.00	48.59 -1.40 0.00	43.30 -1.57 0.00	36.19 -0.93 0.00	32.06 -0.52 0.00	32.04 -0.62 0.00	33.03 -0.67 0.00	33.42 -0.82 0.00	34.49 -1.25 0.00	39.70 -2.13 0.00	53.52 -2.23 0.00	69.94 -1.50 0.00	71.60 -1.17 0.00	63.36 -2.10 0.00	55.28 -2.48 0.00	49.34 -3.15 0.00	45.26 -1.79 0.00	42.09 -1.30 0.00
BARRETT_IC_1 23704	53.10 1.65 -2.85	51.80 0.57 0.21	54.39 0.85 -3.45	43.75 2.04 -0.08	41.49 1.86 -0.08	40.08 1.83 -0.08	43.40 2.18 -0.08	51.32 1.40 -1.76	51.32 1.10 -0.23	47.37 2.42 -0.08	38.79 1.59 -0.08	34.49 1.82 -0.08	34.67 1.93 -0.08	35.98 2.19 -0.08	36.73 2.40 -0.08	38.76 2.93 -0.08	49.34 3.68 -3.83	59.46 1.95 -1.76	74.74 3.22 -0.08	76.28 3.42 -0.08	68.56 3.01 -0.08	60.00 2.08 -0.17	55.80 2.26 -1.05	51.32 2.92 -1.36	49.34 3.39 -2.57
BARRETT_IC_10 23701	53.10 1.65 -2.85	51.80 0.57 0.21	54.39 0.85 -3.45	43.75 2.04 -0.08	41.49 1.86 -0.08	40.08 1.83 -0.08	43.40 2.18 -0.08	51.32 1.40 -1.76	51.32 1.10 -0.23	47.37 2.42 -0.08	38.79 1.59 -0.08	34.49 1.82 -0.08	34.67 1.93 -0.08	35.98 2.19 -0.08	36.73 2.40 -0.08	38.76 2.93 -0.08	49.34 3.68 -3.83	59.46 1.95 -1.76	74.74 3.22 -0.08	76.28 3.42 -0.08	68.56 3.01 -0.08	60.00 2.08 -0.17	55.80 2.26 -1.05	51.32 2.92 -1.36	49.34 3.39 -2.57
BARRETT_IC_11 23702	53.10 1.65 -2.85	51.80 0.57 0.21	54.39 0.85 -3.45	43.75 2.04 -0.08	41.49 1.86 -0.08	40.08 1.83 -0.08	43.40 2.18 -0.08	51.32 1.40 -1.76	51.32 1.10 -0.23	47.37 2.42 -0.08	38.79 1.59 -0.08	34.49 1.82 -0.08	34.67 1.93 -0.08	35.98 2.19 -0.08	36.73 2.40 -0.08	38.76 2.93 -0.08	49.34 3.68 -3.83	59.46 1.95 -1.76	74.74 3.22 -0.08	76.28 3.42 -0.08	68.56 3.01 -0.08	60.00 2.08 -0.17	55.80 2.26 -1.05	51.32 2.92 -1.36	49.34 3.39 -2.57
BARRETT_IC_12 23703	53.10 1.65 -2.85	51.80 0.57 0.21	54.39 0.85 -3.45	43.75 2.04 -0.08	41.49 1.86 -0.08	40.08 1.83 -0.08	43.40 2.18 -0.08	51.32 1.40 -1.76	51.32 1.10 -0.23	47.37 2.42 -0.08	38.79 1.59 -0.08	34.49 1.82 -0.08	34.67 1.93 -0.08	35.98 2.19 -0.08	36.73 2.40 -0.08	38.76 2.93 -0.08	49.34 3.68 -3.83	59.46 1.95 -1.76	74.74 3.22 -0.08	76.28 3.42 -0.08	68.56 3.01 -0.08	60.00 2.08 -0.17	55.80 2.26 -1.05	51.32 2.92 -1.36	49.34 3.39 -2.57
BARRETT_IC_2 23705	53.10 1.65 -2.85	51.80 0.57 0.21	54.39 0.85 -3.45	43.75 2.04 -0.08	41.49 1.86 -0.08	40.08 1.83 -0.08	43.40 2.18 -0.08	51.32 1.40 -1.76	51.32 1.10 -0.23	47.37 2.42 -0.08	38.79 1.59 -0.08	34.49 1.82 -0.08	34.67 1.93 -0.08	35.98 2.19 -0.08	36.73 2.40 -0.08	38.76 2.93 -0.08	49.34 3.68 -3.83	59.46 1.95 -1.76	74.74 3.22 -0.08	76.28 3.42 -0.08	68.56 3.01 -0.08	60.00 2.08 -0.17	55.80 2.26 -1.05	51.32 2.92 -1.36	49.34 3.39 -2.57
BARRETT_IC_3 23706	53.10 1.65 -2.85	51.80 0.57 0.21	54.39 0.85 -3.45	43.75 2.04 -0.08	41.49 1.86 -0.08	40.08 1.83 -0.08	43.40 2.18 -0.08	51.32 1.40 -1.76	51.32 1.10 -0.23	47.37 2.42 -0.08	38.79 1.59 -0.08	34.49 1.82 -0.08	34.67 1.93 -0.08	35.98 2.19 -0.08	36.73 2.40 -0.08	38.76 2.93 -0.08	49.34 3.68 -3.83	59.46 1.95 -1.76	74.74 3.22 -0.08	76.28 3.42 -0.08	68.56 3.01 -0.08	60.00 2.08 -0.17	55.80 2.26 -1.05	51.32 2.92 -1.36	49.34 3.39 -2.57
BARRETT_IC_4 23707	53.10 1.65 -2.85	51.80 0.57 0.21	54.39 0.85 -3.45	43.75 2.04 -0.08	41.49 1.86 -0.08	40.08 1.83 -0.08	43.40 2.18 -0.08	51.32 1.40 -1.76	51.32 1.10 -0.23	47.37 2.42 -0.08	38.79 1.59 -0.08	34.49 1.82 -0.08	34.67 1.93 -0.08	35.98 2.19 -0.08	36.73 2.40 -0.08	38.76 2.93 -0.08	49.34 3.68 -3.83	59.46 1.95 -1.76	74.74 3.22 -0.08	76.28 3.42 -0.08	68.56 3.01 -0.08	60.00 2.08 -0.17	55.80 2.26 -1.05	51.32 2.92 -1.36	49.34 3.39 -2.57
BARRETT_IC_5 23708	53.10 1.65 -2.85	51.80 0.57 0.21	54.39 0.85 -3.45	43.75 2.04 -0.08	41.49 1.86 -0.08	40.08 1.83 -0.08	43.40 2.18 -0.08	51.32 1.40 -1.76	51.32 1.10 -0.23	47.37 2.42 -0.08	38.79 1.59 -0.08	34.49 1.82 -0.08	34.67 1.93 -0.08	35.98 2.19 -0.08	36.73 2.40 -0.08	38.76 2.93 -0.08	49.34 3.68 -3.83	59.46 1.95 -1.76	74.74 3.22 -0.08	76.28 3.42 -0.08	68.56 3.01 -0.08	60.00 2.08 -0.17	55.80 2.26 -1.05	51.32 2.92 -1.36	49.34 3.39 -2.57

BARRETT_IC_6 23709	53.10 1.65 -2.85	51.80 0.57 0.21	54.39 0.85 -3.45	43.75 2.04 -0.08	41.49 1.86 -0.08	40.08 1.83 -0.08	43.40 2.18 -0.08	51.32 1.40 -1.76	51.32 1.10 -0.23	47.37 2.42 -0.08	38.79 1.59 -0.08	34.49 1.82 -0.08	34.67 1.93 -0.08	35.98 2.19 -0.08	36.73 2.40 -0.08	38.76 2.93 -0.08	49.34 3.68 -3.83	59.46 1.95 -1.76	74.74 3.22 -0.08	76.28 3.42 -0.08	68.56 3.01 -0.08	60.00 2.08 -0.17	55.80 2.26 -1.05	51.32 2.92 -1.36	49.34 3.39 -2.57
BARRETT_IC_7 23710	53.10 1.65 -2.85	51.80 0.57 0.21	54.39 0.85 -3.45	43.75 2.04 -0.08	41.49 1.86 -0.08	40.08 1.83 -0.08	43.40 2.18 -0.08	51.17 1.25 -1.76	51.32 1.10 -0.23	47.42 2.47 -0.08	38.61 1.41 -0.08	34.49 1.82 -0.08	34.67 1.93 -0.08	35.98 2.19 -0.08	36.66 2.33 -0.08	38.76 2.93 -0.08	49.34 3.68 -3.83	59.41 1.90 -1.76	75.24 3.71 -0.08	76.71 3.86 -0.08	68.82 3.27 -0.08	60.18 2.25 -0.17	56.38 2.83 -1.05	51.60 3.20 -1.36	49.34 3.38 -2.57
BARRETT_IC_8 23711	53.10 1.65 -2.85	51.80 0.57 0.21	54.39 0.85 -3.45	43.75 2.04 -0.08	41.49 1.86 -0.08	40.08 1.83 -0.08	43.40 2.18 -0.08	51.32 1.40 -1.76	51.32 1.10 -0.23	47.37 2.42 -0.08	38.79 1.59 -0.08	34.49 1.82 -0.08	34.67 1.93 -0.08	35.98 2.19 -0.08	36.73 2.40 -0.08	38.76 2.93 -0.08	49.34 3.68 -3.83	59.46 1.95 -1.76	74.74 3.22 -0.08	76.28 3.42 -0.08	68.56 3.01 -0.08	60.00 2.08 -0.17	55.80 2.26 -1.05	51.32 2.92 -1.36	49.34 3.39 -2.57
BARRETT_IC_9 23700	53.10 1.65 -2.85	51.80 0.57 0.21	54.39 0.85 -3.45	43.75 2.04 -0.08	41.49 1.86 -0.08	40.08 1.83 -0.08	43.40 2.18 -0.08	51.32 1.40 -1.76	51.32 1.10 -0.23	47.37 2.42 -0.08	38.79 1.59 -0.08	34.49 1.82 -0.08	34.67 1.93 -0.08	35.98 2.19 -0.08	36.73 2.40 -0.08	38.76 2.93 -0.08	49.34 3.68 -3.83	59.46 1.95 -1.76	74.74 3.22 -0.08	76.28 3.42 -0.08	68.56 3.01 -0.08	60.00 2.08 -0.17	55.80 2.26 -1.05	51.32 2.92 -1.36	49.34 3.39 -2.57
BARRETT___1 23545	53.10 1.65 -2.85	51.80 0.57 0.21	54.39 0.85 -3.45	43.75 2.04 -0.08	41.49 1.86 -0.08	40.08 1.83 -0.08	43.40 2.18 -0.08	51.32 1.40 -1.76	51.32 1.10 -0.23	47.37 2.42 -0.08	38.79 1.59 -0.08	34.49 1.82 -0.08	34.67 1.93 -0.08	35.98 2.19 -0.08	36.73 2.40 -0.08	38.76 2.93 -0.08	49.34 3.68 -3.83	59.46 1.95 -1.76	74.74 3.22 -0.08	76.28 3.42 -0.08	68.56 3.01 -0.08	60.00 2.08 -0.17	55.80 2.26 -1.05	51.32 2.92 -1.36	49.34 3.39 -2.57
BARRETT___2 23546	53.10 1.65 -2.85	51.80 0.57 0.21	54.39 0.85 -3.45	43.75 2.04 -0.08	41.49 1.86 -0.08	40.08 1.83 -0.08	43.40 2.18 -0.08	51.32 1.40 -1.76	51.32 1.10 -0.23	47.37 2.42 -0.08	38.79 1.59 -0.08	34.49 1.82 -0.08	34.67 1.93 -0.08	35.98 2.19 -0.08	36.73 2.40 -0.08	38.76 2.93 -0.08	49.34 3.68 -3.83	59.46 1.95 -1.76	74.74 3.22 -0.08	76.28 3.42 -0.08	68.56 3.01 -0.08	60.00 2.08 -0.17	55.80 2.26 -1.05	51.32 2.92 -1.36	49.34 3.39 -2.57
BATAVIA__115KV_TB1 55881	47.48 -1.12 0.00	51.54 0.10 0.00	49.49 -0.60 0.00	41.46 -0.17 0.00	39.27 -0.28 0.00	38.51 0.34 0.00	40.69 -0.45 0.00	47.58 -0.58 0.00	47.89 -2.10 0.00	42.63 -2.24 0.00	36.52 -0.59 0.00	31.86 -0.72 0.00	31.91 -0.75 0.00	32.83 -0.88 0.00	33.39 -0.86 0.00	34.25 -1.50 0.00	39.24 -2.59 0.00	53.13 -2.62 0.00	69.01 -2.43 0.00	70.51 -2.26 0.00	62.71 -2.75 0.00	54.81 -2.95 0.00	49.34 -3.15 0.00	45.21 -1.83 0.00	42.56 -0.82 0.00
BAYONEEC___CTG1 323682	51.17 2.57 0.00	53.40 1.95 0.00	52.29 2.20 0.00	43.62 2.00 0.00	41.40 1.86 0.00	39.92 1.76 0.00	43.11 1.97 0.00	50.57 2.41 0.00	52.49 2.50 0.00	47.47 2.60 0.00	39.38 2.26 0.00	34.53 1.95 0.00	34.69 2.03 0.00	35.87 2.16 0.00	36.37 2.12 0.00	38.04 2.29 0.00	44.71 2.88 0.00	59.26 3.51 0.00	75.29 3.86 0.00	76.41 3.64 0.00	68.73 3.27 0.00	60.76 3.00 0.00	55.58 3.10 0.00	49.82 2.78 0.00	45.99 2.60 0.00
BAYONEEC___CTG10 323750	51.17 2.57 0.00	53.40 1.95 0.00	52.29 2.20 0.00	43.62 2.00 0.00	41.40 1.86 0.00	39.92 1.76 0.00	43.11 1.97 0.00	50.57 2.41 0.00	52.49 2.50 0.00	47.47 2.60 0.00	39.38 2.26 0.00	34.53 1.95 0.00	34.69 2.03 0.00	35.87 2.16 0.00	36.37 2.12 0.00	38.04 2.29 0.00	44.71 2.88 0.00	59.26 3.51 0.00	75.29 3.86 0.00	76.41 3.64 0.00	68.73 3.27 0.00	60.76 3.00 0.00	55.58 3.10 0.00	49.82 2.78 0.00	45.99 2.60 0.00
BAYONEEC___CTG2 323683	51.17 2.57 0.00	53.40 1.95 0.00	52.29 2.20 0.00	43.62 2.00 0.00	41.40 1.86 0.00	39.92 1.76 0.00	43.11 1.97 0.00	50.57 2.41 0.00	52.49 2.50 0.00	47.47 2.60 0.00	39.38 2.26 0.00	34.53 1.95 0.00	34.69 2.03 0.00	35.87 2.16 0.00	36.37 2.12 0.00	38.04 2.29 0.00	44.71 2.88 0.00	59.26 3.51 0.00	75.29 3.86 0.00	76.41 3.64 0.00	68.73 3.27 0.00	60.76 3.00 0.00	55.58 3.10 0.00	49.82 2.78 0.00	45.99 2.60 0.00
BAYONEEC___CTG3 323684	51.17 2.57 0.00	53.40 1.95 0.00	52.29 2.20 0.00	43.62 2.00 0.00	41.40 1.86 0.00	39.92 1.76 0.00	43.11 1.97 0.00	50.57 2.41 0.00	52.49 2.50 0.00	47.47 2.60 0.00	39.38 2.26 0.00	34.53 1.95 0.00	34.69 2.03 0.00	35.87 2.16 0.00	36.37 2.12 0.00	38.04 2.29 0.00	44.71 2.88 0.00	59.26 3.51 0.00	75.29 3.86 0.00	76.41 3.64 0.00	68.73 3.27 0.00	60.76 3.00 0.00	55.58 3.10 0.00	49.82 2.78 0.00	45.99 2.60 0.00
BAYONEEC___CTG4 323685	51.17 2.57 0.00	53.40 1.95 0.00	52.29 2.20 0.00	43.62 2.00 0.00	41.40 1.86 0.00	39.92 1.76 0.00	43.11 1.97 0.00	50.57 2.41 0.00	52.49 2.50 0.00	47.47 2.60 0.00	39.38 2.26 0.00	34.53 1.95 0.00	34.69 2.03 0.00	35.87 2.16 0.00	36.37 2.12 0.00	38.04 2.29 0.00	44.71 2.88 0.00	59.26 3.51 0.00	75.29 3.86 0.00	76.41 3.64 0.00	68.73 3.27 0.00	60.76 3.00 0.00	55.58 3.10 0.00	49.82 2.78 0.00	45.99 2.60 0.00
BAYONEEC___CTG5 323686	51.17 2.57 0.00	53.40 1.95 0.00	52.29 2.20 0.00	43.62 2.00 0.00	41.40 1.86 0.00	39.92 1.76 0.00	43.11 1.97 0.00	50.57 2.41 0.00	52.49 2.50 0.00	47.47 2.60 0.00	39.38 2.26 0.00	34.53 1.95 0.00	34.69 2.03 0.00	35.87 2.16 0.00	36.37 2.12 0.00	38.04 2.29 0.00	44.71 2.88 0.00	59.26 3.51 0.00	75.29 3.86 0.00	76.41 3.64 0.00	68.73 3.27 0.00	60.76 3.00 0.00	55.58 3.10 0.00	49.82 2.78 0.00	45.99 2.60 0.00
BAYONEEC___CTG6 323687	51.17 2.57 0.00	53.40 1.95 0.00	52.29 2.20 0.00	43.62 2.00 0.00	41.40 1.86 0.00	39.92 1.76 0.00	43.11 1.97 0.00	50.57 2.41 0.00	52.49 2.50 0.00	47.47 2.60 0.00	39.38 2.26 0.00	34.53 1.95 0.00	34.69 2.03 0.00	35.87 2.16 0.00	36.37 2.12 0.00	38.04 2.29 0.00	44.71 2.88 0.00	59.26 3.51 0.00	75.29 3.86 0.00	76.41 3.64 0.00	68.73 3.27 0.00	60.76 3.00 0.00	55.58 3.10 0.00	49.82 2.78 0.00	45.99 2.60 0.00
BAYONEEC___CTG7 323688	51.17 2.57 0.00	53.40 1.95 0.00	52.29 2.20 0.00	43.62 2.00 0.00	41.40 1.86 0.00	39.92 1.76 0.00	43.11 1.97 0.00	50.57 2.41 0.00	52.49 2.50 0.00	47.47 2.60 0.00	39.38 2.26 0.00	34.53 1.95 0.00	34.69 2.03 0.00	35.87 2.16 0.00	36.37 2.12 0.00	38.04 2.29 0.00	44.71 2.88 0.00	59.26 3.51 0.00	75.29 3.86 0.00	76.41 3.64 0.00	68.73 3.27 0.00	60.76 3.00 0.00	55.58 3.10 0.00	49.82 2.78 0.00	45.99 2.60 0.00

BAYONEEC___CTG8 323689	51.17 2.57 0.00	53.40 1.95 0.00	52.29 2.20 0.00	43.62 2.00 0.00	41.40 1.86 0.00	39.92 1.76 0.00	43.11 1.97 0.00	50.57 2.41 0.00	52.49 2.50 0.00	47.47 2.60 0.00	39.38 2.26 0.00	34.53 1.95 0.00	34.69 2.03 0.00	35.87 2.16 0.00	36.37 2.12 0.00	38.04 2.29 0.00	44.71 2.88 0.00	59.26 3.51 0.00	75.29 3.86 0.00	76.41 3.64 0.00	68.73 3.27 0.00	60.76 3.00 0.00	55.58 3.10 0.00	49.82 2.78 0.00	45.99 2.60 0.00
BAYONEEC___CTG9 323749	51.17 2.57 0.00	53.40 1.95 0.00	52.29 2.20 0.00	43.62 2.00 0.00	41.40 1.86 0.00	39.92 1.76 0.00	43.11 1.97 0.00	50.57 2.41 0.00	52.49 2.50 0.00	47.47 2.60 0.00	39.38 2.26 0.00	34.53 1.95 0.00	34.69 2.03 0.00	35.87 2.16 0.00	36.37 2.12 0.00	38.04 2.29 0.00	44.71 2.88 0.00	59.26 3.51 0.00	75.29 3.86 0.00	76.41 3.64 0.00	68.73 3.27 0.00	60.76 3.00 0.00	55.58 3.10 0.00	49.82 2.78 0.00	45.99 2.60 0.00
BEACON___LESR 323632	49.86 1.26 0.00	52.62 1.18 0.00	51.34 1.25 0.00	42.54 0.91 0.00	40.38 0.83 0.00	38.86 0.69 0.00	42.04 0.90 0.00	49.22 1.06 0.00	51.34 1.35 0.00	46.03 1.16 0.00	37.97 0.85 0.00	33.20 0.62 0.00	33.25 0.59 0.00	34.35 0.64 0.00	35.06 0.82 0.00	36.71 0.97 0.00	43.08 1.25 0.00	57.48 1.73 0.00	73.73 2.29 0.00	75.10 2.33 0.00	67.62 2.16 0.00	59.61 1.85 0.00	54.27 1.79 0.00	48.36 1.32 0.00	44.56 1.17 0.00
BEAVER RIVER___HYD 24048	49.33 0.73 0.00	52.31 0.87 0.00	50.74 0.65 0.00	42.37 0.75 0.00	40.18 0.63 0.00	38.89 0.72 0.00	41.88 0.74 0.00	49.03 0.87 0.00	50.74 0.75 0.00	45.23 0.36 0.00	37.11 0.00 0.00	32.55 -0.03 0.00	32.66 0.00 0.00	33.71 0.00 0.00	34.14 -0.10 0.00	35.60 -0.14 0.00	41.87 0.04 0.00	56.14 0.39 0.00	72.44 1.00 0.00	74.15 1.38 0.00	66.90 1.44 0.00	58.92 1.15 0.00	53.54 1.05 0.00	47.94 0.89 0.00	44.04 0.65 0.00
BEEBEE_GT_13 23619	47.48 -1.12 0.00	51.13 -0.31 0.00	49.29 -0.80 0.00	41.04 -0.58 0.00	38.95 -0.59 0.00	37.98 -0.19 0.00	40.44 -0.70 0.00	47.34 -0.82 0.00	48.24 -1.75 0.00	43.16 -1.71 0.00	36.59 -0.52 0.00	31.99 -0.59 0.00	32.07 -0.59 0.00	33.03 -0.67 0.00	33.56 -0.68 0.00	34.64 -1.11 0.00	39.99 -1.84 0.00	53.85 -1.90 0.00	69.58 -1.86 0.00	70.95 -1.82 0.00	63.37 -2.09 0.00	55.57 -2.19 0.00	50.23 -2.26 0.00	45.54 -1.51 0.00	42.43 -0.95 0.00
BENSHRST_27_KV_BENSHRST_1 355998	51.76 3.16 0.00	53.70 2.26 0.00	52.74 2.65 0.00	44.04 2.41 0.00	41.80 2.25 0.00	40.31 2.14 0.00	43.24 2.10 0.00	50.57 2.41 0.00	52.34 2.35 0.00	47.24 2.38 0.01	39.16 2.04 0.00	34.47 1.89 0.00	34.62 1.96 0.00	35.83 2.12 0.00	36.33 2.09 0.00	38.00 2.25 0.00	44.72 2.89 0.00	59.14 3.40 0.01	75.65 4.21 0.01	76.84 4.08 0.01	68.99 3.53 0.01	60.81 3.06 0.01	55.42 2.94 0.01	50.15 3.11 0.00	46.25 2.86 0.00
BETHLEHEM___GRP 23843	49.33 0.73 0.00	52.06 0.62 0.00	50.79 0.70 0.00	42.08 0.46 0.00	39.98 0.43 0.00	38.47 0.31 0.00	41.59 0.45 0.00	48.64 0.48 0.00	50.79 0.80 0.00	45.59 0.72 0.00	37.52 0.41 0.00	32.94 0.36 0.00	32.99 0.33 0.00	34.08 0.37 0.00	34.76 0.51 0.00	36.43 0.68 0.00	42.71 0.88 0.00	56.81 1.06 0.00	72.73 1.29 0.00	74.08 1.31 0.00	66.77 1.31 0.00	58.86 1.10 0.00	53.64 1.15 0.00	47.85 0.80 0.00	44.12 0.74 0.00
BETHLEHEM___GS1 323560	49.33 0.73 0.00	52.06 0.62 0.00	50.79 0.70 0.00	42.08 0.46 0.00	39.98 0.44 0.00	38.47 0.30 0.00	41.59 0.45 0.00	48.74 0.58 0.00	50.79 0.80 0.00	45.58 0.72 0.00	37.67 0.56 0.00	32.94 0.36 0.00	32.99 0.33 0.00	34.08 0.37 0.00	34.79 0.55 0.00	36.42 0.68 0.00	42.71 0.88 0.00	56.80 1.06 0.00	72.73 1.29 0.00	74.08 1.31 0.00	66.77 1.31 0.00	58.92 1.15 0.00	53.70 1.21 0.00	47.84 0.80 0.00	44.12 0.74 0.00
BETHLEHEM___GS2 323561	49.33 0.73 0.00	52.06 0.62 0.00	50.79 0.70 0.00	42.08 0.46 0.00	39.98 0.44 0.00	38.47 0.30 0.00	41.59 0.45 0.00	48.74 0.58 0.00	50.79 0.80 0.00	45.58 0.72 0.00	37.67 0.56 0.00	32.94 0.36 0.00	32.99 0.33 0.00	34.08 0.37 0.00	34.79 0.55 0.00	36.42 0.68 0.00	42.71 0.88 0.00	56.80 1.06 0.00	72.73 1.29 0.00	74.08 1.31 0.00	66.77 1.31 0.00	58.92 1.15 0.00	53.70 1.21 0.00	47.84 0.80 0.00	44.12 0.74 0.00
BETHLEHEM___GS3 323562	49.33 0.73 0.00	52.06 0.62 0.00	50.79 0.70 0.00	42.08 0.46 0.00	39.98 0.44 0.00	38.47 0.30 0.00	41.59 0.45 0.00	48.74 0.58 0.00	50.79 0.80 0.00	45.58 0.72 0.00	37.67 0.56 0.00	32.94 0.36 0.00	32.99 0.33 0.00	34.08 0.37 0.00	34.79 0.55 0.00	36.42 0.68 0.00	42.71 0.88 0.00	56.80 1.06 0.00	72.73 1.29 0.00	74.08 1.31 0.00	66.77 1.31 0.00	58.92 1.15 0.00	53.70 1.21 0.00	47.84 0.80 0.00	44.12 0.74 0.00
BETHLEHEM___STEEL 23779	46.80 -1.80 0.00	50.93 -0.51 0.00	48.83 -1.25 0.00	40.91 -0.71 0.00	38.79 -0.75 0.00	38.05 -0.11 0.00	40.15 -0.99 0.00	47.05 -1.11 0.00	47.49 -2.50 0.00	42.22 -2.65 0.00	36.37 -0.74 0.00	31.86 -0.72 0.00	31.84 -0.82 0.00	32.80 -0.91 0.00	33.39 -0.86 0.00	34.17 -1.57 0.00	38.90 -2.93 0.00	52.57 -3.18 0.00	68.15 -3.29 0.00	69.57 -3.20 0.00	61.66 -3.80 0.00	53.78 -3.99 0.00	48.34 -4.15 0.00	44.51 -2.54 0.00	41.70 -1.69 0.00
BETHLHEM_115KV_TB1 79974	49.38 0.78 0.00	52.11 0.67 0.00	50.84 0.75 0.00	42.12 0.50 0.00	40.02 0.47 0.00	38.51 0.34 0.00	41.63 0.49 0.00	48.74 0.58 0.00	50.84 0.85 0.00	45.63 0.76 0.00	37.56 0.45 0.00	32.97 0.39 0.00	33.05 0.39 0.00	34.15 0.44 0.00	34.79 0.55 0.00	36.46 0.71 0.00	42.71 0.88 0.00	56.81 1.06 0.00	72.80 1.36 0.00	74.15 1.38 0.00	66.77 1.31 0.00	58.92 1.16 0.00	53.64 1.15 0.00	47.89 0.85 0.00	44.17 0.78 0.00
BETHPAGE_CC_5 323564	48.78 1.46 1.27	48.97 0.41 2.88	49.06 0.70 1.73	43.54 1.92 0.00	41.25 1.70 0.00	39.89 1.72 0.00	43.20 2.06 0.00	48.60 1.20 0.77	49.28 0.95 1.65	47.07 2.20 0.00	38.56 1.45 0.00	34.31 1.73 0.00	34.49 1.83 0.00	35.80 2.09 0.00	36.54 2.29 0.00	38.61 2.86 0.00	45.87 3.55 -0.49	54.36 1.84 3.23	74.37 2.93 0.00	75.90 3.13 0.00	68.21 2.75 0.00	59.52 1.79 0.03	54.15 2.10 0.44	49.78 2.78 0.04	46.89 3.39 -0.11
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	46.80 -1.80 0.00	50.93 -0.51 0.00	48.83 -1.25 0.00	40.91 -0.71 0.00	38.79 -0.75 0.00	38.05 -0.11 0.00	40.15 -0.99 0.00	47.05 -1.11 0.00	47.54 -2.45 0.00	42.27 -2.60 0.00	36.41 -0.71 0.00	31.86 -0.72 0.00	31.88 -0.78 0.00	32.83 -0.88 0.00	33.42 -0.82 0.00	34.21 -1.54 0.00	38.94 -2.89 0.00	52.63 -3.12 0.00	68.30 -3.14 0.00	69.71 -3.06 0.00	61.73 -3.73 0.00	53.83 -3.93 0.00	48.39 -4.09 0.00	44.55 -2.49 0.00	41.70 -1.69 0.00
BINGHAMTON___COGEN 23790	48.84 0.24 0.00	51.90 0.46 0.00	50.49 0.40 0.00	41.96 0.33 0.00	39.86 0.32 0.00	38.59 0.42 0.00	41.43 0.29 0.00	48.55 0.39 0.00	50.19 0.20 0.00	45.00 0.13 0.00	37.45 0.33 0.00	32.84 0.26 0.00	32.89 0.23 0.00	33.94 0.24 0.00	34.45 0.21 0.00	35.85 0.11 0.00	41.83 0.00 0.00	56.03 0.28 0.00	72.08 0.64 0.00	73.42 0.65 0.00	65.79 0.33 0.00	57.93 0.17 0.00	52.54 0.05 0.00	47.23 0.19 0.00	43.65 0.26 0.00

BIXINCNT_115KV_LOAD 355685	47.04 -1.56 0.00	51.08 -0.36 0.00	49.03 -1.05 0.00	41.12 -0.50 0.00	38.95 -0.59 0.00	38.17 0.00 0.00	40.32 -0.82 0.00	47.29 -0.87 0.00	47.94 -2.05 0.00	42.63 -2.24 0.00	36.63 -0.48 0.00	32.06 -0.52 0.00	32.04 -0.62 0.00	33.00 -0.71 0.00	33.53 -0.72 0.00	34.28 -1.47 0.00	39.11 -2.72 0.00	52.91 -2.84 0.00	68.87 -2.57 0.00	70.44 -2.33 0.00	62.38 -3.08 0.00	54.24 -3.52 0.00	48.60 -3.88 0.00	44.60 -2.45 0.00	41.39 -2.00 0.00
BLACK RIVER___HYD 24047	48.94 0.34 0.00	51.96 0.51 0.00	50.19 0.10 0.00	42.04 0.42 0.00	39.86 0.31 0.00	38.59 0.42 0.00	41.63 0.50 0.00	48.69 0.53 0.00	50.34 0.35 0.00	44.73 -0.13 0.00	36.71 -0.41 0.00	32.15 -0.42 0.00	32.27 -0.39 0.00	33.27 -0.44 0.00	33.66 -0.58 0.00	35.10 -0.64 0.00	41.33 -0.50 0.00	55.75 0.00 0.00	72.08 0.64 0.00	73.93 1.16 0.00	66.70 1.24 0.00	58.63 0.87 0.00	53.22 0.73 0.00	47.61 0.57 0.00	43.73 0.35 0.00
BLACKRVR_115KV_TB2 79977	48.94 0.34 0.00	51.96 0.51 0.00	50.19 0.10 0.00	42.04 0.42 0.00	39.86 0.32 0.00	38.59 0.42 0.00	41.63 0.49 0.00	48.74 0.58 0.00	50.34 0.35 0.00	44.73 -0.13 0.00	36.74 -0.37 0.00	32.15 -0.42 0.00	32.27 -0.39 0.00	33.27 -0.44 0.00	33.66 -0.58 0.00	35.10 -0.64 0.00	41.33 -0.50 0.00	55.75 0.00 0.00	72.08 0.64 0.00	73.93 1.16 0.00	66.70 1.24 0.00	58.63 0.87 0.00	53.27 0.79 0.00	47.61 0.56 0.00	43.73 0.35 0.00
BLDWN_LI_69_KV_BK4 356085	50.52 1.90 -0.02	50.50 0.82 1.77	51.10 1.10 0.09	43.81 2.16 -0.02	41.55 1.98 -0.02	40.14 1.95 -0.02	43.47 2.30 -0.02	49.63 1.44 -0.02	50.42 1.35 0.92	47.50 2.60 -0.02	38.66 1.52 -0.02	34.56 1.95 -0.02	34.71 2.02 -0.02	36.02 2.29 -0.02	36.70 2.43 -0.02	38.85 3.07 -0.02	47.04 3.85 -1.36	56.60 2.29 1.43	75.68 4.21 -0.02	77.23 4.44 -0.02	69.28 3.80 -0.02	60.44 2.66 -0.02	55.66 3.15 -0.02	50.82 3.43 -0.34	47.73 3.60 -0.75
BLISS_WT_PWR 323608	47.04 -1.56 0.00	51.08 -0.36 0.00	49.03 -1.05 0.00	41.12 -0.50 0.00	38.95 -0.59 0.00	38.21 0.04 0.00	40.32 -0.82 0.00	47.06 -1.11 0.00	47.94 -2.05 0.00	42.67 -2.20 0.00	35.96 -1.15 0.00	32.09 -0.49 0.00	32.04 -0.62 0.00	33.00 -0.71 0.00	33.32 -0.92 0.00	34.28 -1.47 0.00	39.11 -2.72 0.00	52.68 -3.07 0.00	68.94 -2.50 0.00	70.59 -2.18 0.00	62.45 -3.01 0.00	54.18 -3.58 0.00	48.13 -4.36 0.00	44.50 -2.54 0.00	41.31 -2.08 0.00
BLUESTONE___WT_PWR 323821	50.64 2.04 0.00	53.86 2.42 0.00	52.49 2.40 0.00	43.62 2.00 0.00	41.37 1.82 0.00	40.11 1.95 0.00	43.19 2.06 0.00	50.62 2.45 0.00	52.29 2.30 0.00	46.75 1.88 0.00	38.56 1.45 0.00	33.72 1.14 0.00	33.87 1.21 0.00	34.92 1.21 0.00	35.31 1.06 0.00	36.78 1.04 0.00	43.29 1.46 0.00	58.31 2.57 0.00	75.29 3.86 0.00	76.92 4.15 0.00	68.99 3.53 0.00	60.59 2.83 0.00	54.53 2.04 0.00	48.88 1.83 0.00	45.08 1.69 0.00
BLUE_CIRC_CHEM_DRP 24182	49.77 1.17 0.00	52.52 1.08 0.00	51.24 1.15 0.00	42.50 0.87 0.00	40.38 0.83 0.00	38.89 0.73 0.00	42.00 0.86 0.00	49.12 0.96 0.00	51.14 1.15 0.00	45.77 0.90 0.00	37.67 0.56 0.00	33.03 0.46 0.00	33.08 0.42 0.00	34.18 0.47 0.00	34.83 0.58 0.00	36.50 0.75 0.00	42.88 1.05 0.00	57.14 1.39 0.00	73.30 1.86 0.00	74.66 1.89 0.00	67.23 1.77 0.00	59.32 1.56 0.00	54.01 1.52 0.00	48.27 1.22 0.00	44.47 1.08 0.00
BOC_GAS_DRP 24189	49.43 0.83 0.00	52.11 0.67 0.00	50.84 0.75 0.00	42.16 0.54 0.00	40.06 0.51 0.00	38.59 0.42 0.00	41.67 0.53 0.00	48.79 0.63 0.00	50.84 0.85 0.00	45.68 0.81 0.00	37.63 0.52 0.00	33.03 0.46 0.00	33.12 0.46 0.00	34.21 0.51 0.00	34.83 0.58 0.00	36.46 0.71 0.00	42.75 0.92 0.00	56.81 1.06 0.00	72.73 1.29 0.00	74.08 1.31 0.00	66.70 1.24 0.00	58.86 1.10 0.00	53.59 1.10 0.00	47.94 0.89 0.00	44.17 0.78 0.00
BOONVILLE_115KV_TB1 79983	49.47 0.87 0.00	52.47 1.03 0.00	50.99 0.90 0.00	42.45 0.83 0.00	40.30 0.75 0.00	38.97 0.80 0.00	42.04 0.91 0.00	49.22 1.06 0.00	50.99 1.00 0.00	45.59 0.72 0.00	37.56 0.45 0.00	32.90 0.33 0.00	33.02 0.36 0.00	34.04 0.34 0.00	34.52 0.27 0.00	36.03 0.29 0.00	42.29 0.46 0.00	56.70 0.95 0.00	72.94 1.50 0.00	74.44 1.67 0.00	67.10 1.64 0.00	59.03 1.27 0.00	53.64 1.15 0.00	47.99 0.94 0.00	44.21 0.82 0.00
BORALEX_4TH_BRANCH 23824	49.81 1.21 0.00	52.62 1.18 0.00	51.39 1.30 0.00	42.25 0.62 0.00	40.06 0.51 0.00	38.28 0.11 0.00	41.71 0.58 0.00	48.93 0.77 0.00	51.74 1.75 0.00	46.39 1.53 0.00	37.89 0.78 0.00	33.13 0.55 0.00	33.12 0.46 0.00	34.18 0.47 0.00	35.03 0.79 0.00	36.93 1.18 0.00	43.21 1.38 0.00	57.53 1.78 0.00	73.73 2.29 0.00	75.24 2.47 0.00	67.88 2.42 0.00	59.84 2.08 0.00	54.48 1.99 0.00	48.36 1.32 0.00	44.60 1.21 0.00
BOWLINE___1 23526	50.88 2.28 0.00	53.29 1.85 0.00	52.14 2.05 0.00	43.41 1.79 0.00	41.21 1.66 0.00	39.73 1.57 0.00	42.91 1.77 0.00	50.28 2.12 0.00	52.19 2.20 0.00	47.11 2.24 0.00	39.04 1.93 0.00	34.24 1.66 0.00	34.36 1.70 0.00	35.56 1.85 0.00	36.06 1.81 0.00	37.71 1.96 0.00	44.38 2.55 0.00	58.87 3.12 0.00	75.08 3.64 0.00	76.26 3.49 0.00	68.54 3.08 0.00	60.53 2.77 0.00	55.32 2.83 0.00	49.49 2.44 0.00	45.73 2.34 0.00
BOWLINE___2 23595	50.88 2.28 0.00	53.24 1.80 0.00	52.14 2.05 0.00	43.41 1.79 0.00	41.21 1.66 0.00	39.73 1.57 0.00	42.91 1.77 0.00	50.28 2.12 0.00	52.19 2.20 0.00	47.11 2.24 0.00	39.04 1.93 0.00	34.24 1.66 0.00	34.36 1.70 0.00	35.56 1.85 0.00	36.06 1.81 0.00	37.71 1.96 0.00	44.38 2.55 0.00	58.87 3.12 0.00	75.08 3.64 0.00	76.26 3.49 0.00	68.54 3.08 0.00	60.53 2.77 0.00	55.27 2.78 0.00	49.49 2.44 0.00	45.73 2.34 0.00
BRADY___115KV_TB2 356060	50.40 1.80 0.00	53.45 2.01 0.00	51.99 1.90 0.00	43.29 1.66 0.00	41.13 1.58 0.00	39.69 1.53 0.00	42.78 1.65 0.00	50.14 1.97 0.00	51.84 1.85 0.00	46.26 1.39 0.00	38.00 0.89 0.00	33.36 0.78 0.00	33.51 0.85 0.00	34.58 0.88 0.00	35.03 0.79 0.00	36.57 0.82 0.00	42.92 1.09 0.00	57.25 1.51 0.00	73.51 2.07 0.00	75.10 2.33 0.00	67.75 2.29 0.00	59.90 2.14 0.00	54.32 1.84 0.00	48.74 1.69 0.00	44.73 1.35 0.00
BRANSCOMB___SOLAR 323811	49.96 1.36 0.00	52.83 1.39 0.00	51.49 1.40 0.00	42.66 1.04 0.00	40.49 0.95 0.00	38.93 0.76 0.00	42.17 1.03 0.00	49.31 1.15 0.00	51.39 1.40 0.00	45.85 0.99 0.00	37.71 0.59 0.00	32.87 0.29 0.00	32.92 0.26 0.00	34.01 0.30 0.00	34.79 0.55 0.00	36.46 0.71 0.00	42.88 1.05 0.00	57.53 1.78 0.00	73.94 2.50 0.00	75.39 2.62 0.00	67.95 2.49 0.00	59.90 2.14 0.00	54.48 1.99 0.00	48.46 1.41 0.00	44.69 1.30 0.00
BRDGHMPT_69_KV_BK1 55812	47.06 0.44 1.97	47.03 -0.72 3.69	47.21 -0.25 2.63	42.82 1.21 0.00	40.57 1.03 0.00	39.27 1.11 0.00	42.53 1.40 0.00	47.20 0.24 1.20	48.04 0.20 2.15	46.57 1.71 0.00	37.74 0.63 0.00	33.84 1.27 0.00	33.99 1.34 0.00	35.29 1.58 0.00	35.99 1.75 0.00	38.28 2.54 0.00	45.19 3.22 -0.13	52.67 1.28 4.36	75.01 3.57 0.00	76.62 3.86 0.00	68.73 3.27 0.00	59.72 2.02 0.06	54.42 2.62 0.69	49.66 2.82 0.21	46.37 3.12 0.14

BRENTWOD_69_KV_W. BRTWOOD 56703	47.86 1.12 1.86	47.83 -0.05 3.56	47.86 0.25 2.48	43.78 2.16 0.00	41.48 1.94 0.00	40.11 1.95 0.00	43.48 2.34 0.00	47.71 0.67 1.13	48.42 0.50 2.07	47.33 2.47 0.00	38.48 1.37 0.00	34.40 1.82 0.00	34.58 1.93 0.00	35.90 2.19 0.00	36.60 2.36 0.00	38.85 3.11 0.00	45.45 3.43 -0.19	53.03 1.45 4.17	75.65 4.21 0.00	77.21 4.44 0.00	69.25 3.80 0.00	59.61 1.91 0.06	54.30 2.47 0.65	49.64 2.78 0.18	46.42 3.12 0.10
BRISTLHL_115KV_TB1 79998	47.19 -1.41 0.00	50.05 -1.39 0.00	48.63 -1.45 0.00	40.46 -1.17 0.00	38.44 -1.11 0.00	37.18 -0.99 0.00	39.99 -1.15 0.00	46.76 -1.40 0.00	48.49 -1.50 0.00	43.57 -1.30 0.00	36.15 -0.96 0.00	31.76 -0.81 0.00	31.84 -0.82 0.00	32.83 -0.88 0.00	33.32 -0.92 0.00	34.71 -1.04 0.00	40.49 -1.34 0.00	54.13 -1.62 0.00	69.58 -1.86 0.00	70.88 -1.89 0.00	63.69 -1.77 0.00	56.14 -1.62 0.00	51.02 -1.47 0.00	45.73 -1.32 0.00	42.26 -1.13 0.00
BROOKHAVEN___DRP 24191	47.11 0.49 1.98	47.03 -0.72 3.69	47.10 -0.35 2.63	42.70 1.08 0.00	40.45 0.91 0.00	39.12 0.95 0.00	42.41 1.28 0.00	47.06 0.10 1.20	47.79 -0.05 2.15	46.30 1.44 0.00	37.63 0.52 0.00	33.68 1.11 0.00	33.83 1.18 0.00	35.15 1.45 0.00	35.85 1.61 0.00	38.10 2.36 0.00	44.93 2.97 -0.13	52.22 0.84 4.36	74.15 2.71 0.00	75.75 2.98 0.00	67.88 2.42 0.00	59.03 1.33 0.06	53.79 1.99 0.70	49.14 2.31 0.21	45.94 2.69 0.14
BROOKLYN_NAVY_YARD 23515	51.08 2.48 0.00	53.29 1.85 0.00	52.19 2.10 0.00	43.50 1.87 0.00	41.28 1.74 0.00	39.85 1.68 0.00	43.03 1.89 0.00	50.52 2.36 0.00	52.49 2.50 0.00	47.43 2.56 0.00	39.38 2.26 0.00	34.53 1.95 0.00	34.65 1.99 0.00	35.87 2.16 0.00	36.33 2.09 0.00	38.00 2.25 0.00	44.68 2.85 0.00	59.26 3.51 0.00	75.22 3.78 0.00	76.41 3.64 0.00	68.67 3.21 0.00	60.70 2.94 0.00	55.58 3.10 0.00	49.77 2.73 0.00	45.90 2.52 0.00
BROOKLYN___ARMY_DRP 323595	51.56 2.96 0.00	53.50 2.06 0.00	52.54 2.45 0.00	43.91 2.29 0.00	41.68 2.14 0.00	40.19 2.02 0.00	43.11 1.97 0.00	50.38 2.22 0.00	52.19 2.20 0.00	47.11 2.24 0.01	39.01 1.89 0.00	34.34 1.76 0.00	34.49 1.83 0.00	35.70 1.99 0.00	36.20 1.95 0.00	37.89 2.14 0.00	44.55 2.72 0.00	58.86 3.12 0.01	75.36 3.93 0.01	76.55 3.78 0.01	68.73 3.27 0.01	60.53 2.77 0.01	55.21 2.73 0.01	49.96 2.92 0.00	46.08 2.69 0.00
BROOME_2_LFGE 323671	48.84 0.24 0.00	51.90 0.46 0.00	50.49 0.40 0.00	41.95 0.33 0.00	39.86 0.31 0.00	38.59 0.42 0.00	41.43 0.29 0.00	48.50 0.34 0.00	50.19 0.20 0.00	45.00 0.14 0.00	37.34 0.22 0.00	32.84 0.26 0.00	32.89 0.23 0.00	33.95 0.24 0.00	34.42 0.17 0.00	35.85 0.11 0.00	41.83 0.00 0.00	55.97 0.22 0.00	72.08 0.64 0.00	73.42 0.65 0.00	65.79 0.33 0.00	57.93 0.17 0.00	52.43 -0.05 0.00	47.23 0.19 0.00	43.65 0.26 0.00
BROOME___LFGE 323600	48.84 0.24 0.00	51.90 0.46 0.00	50.49 0.40 0.00	41.95 0.33 0.00	39.86 0.31 0.00	38.59 0.42 0.00	41.43 0.29 0.00	48.50 0.34 0.00	50.19 0.20 0.00	45.00 0.14 0.00	37.34 0.22 0.00	32.84 0.26 0.00	32.89 0.23 0.00	33.95 0.24 0.00	34.42 0.17 0.00	35.85 0.11 0.00	41.83 0.00 0.00	55.97 0.22 0.00	72.08 0.64 0.00	73.42 0.65 0.00	65.79 0.33 0.00	57.93 0.17 0.00	52.43 -0.05 0.00	47.23 0.19 0.00	43.65 0.26 0.00
BROWNFLS_115KV_TB 3_5 80003	49.67 1.07 0.00	52.73 1.29 0.00	51.14 1.05 0.00	42.66 1.04 0.00	40.49 0.95 0.00	39.16 0.99 0.00	42.17 1.03 0.00	49.41 1.25 0.00	51.14 1.15 0.00	45.63 0.76 0.00	37.52 0.41 0.00	32.90 0.33 0.00	33.05 0.39 0.00	34.08 0.37 0.00	34.52 0.27 0.00	36.03 0.29 0.00	42.21 0.38 0.00	56.47 0.72 0.00	72.58 1.14 0.00	74.23 1.46 0.00	66.97 1.51 0.00	59.20 1.44 0.00	53.80 1.31 0.00	48.17 1.13 0.00	44.26 0.87 0.00
BROWNSV1_27_KV_LOAD 356125	51.52 2.92 0.00	53.76 2.31 0.00	52.64 2.55 0.00	43.87 2.25 0.00	41.64 2.10 0.00	40.19 2.02 0.00	43.36 2.22 0.00	50.86 2.70 0.00	52.84 2.85 0.00	47.74 2.87 0.00	39.49 2.38 0.00	34.76 2.18 0.00	34.88 2.22 0.00	36.10 2.39 0.00	36.61 2.36 0.00	38.25 2.50 0.00	45.01 3.18 0.00	59.65 3.90 0.00	75.94 4.50 0.00	77.14 4.37 0.00	69.32 3.86 0.00	61.17 3.41 0.00	55.95 3.46 0.00	50.20 3.15 0.00	46.21 2.82 0.00
BURROWS___LYONSDAL 23803	49.47 0.87 0.00	52.47 1.03 0.00	50.94 0.85 0.00	42.45 0.83 0.00	40.30 0.75 0.00	38.97 0.80 0.00	42.00 0.86 0.00	49.22 1.06 0.00	50.94 0.95 0.00	45.50 0.63 0.00	37.49 0.37 0.00	32.81 0.23 0.00	32.95 0.29 0.00	33.98 0.27 0.00	34.45 0.21 0.00	35.93 0.18 0.00	42.21 0.38 0.00	56.58 0.84 0.00	72.80 1.36 0.00	74.44 1.67 0.00	67.03 1.57 0.00	59.03 1.27 0.00	53.64 1.15 0.00	47.99 0.94 0.00	44.17 0.78 0.00
CAITHNESS_CC_1 323624	47.16 0.54 1.98	47.13 -0.61 3.69	47.20 -0.25 2.64	42.78 1.16 0.00	40.53 0.99 0.00	39.19 1.03 0.00	42.49 1.36 0.00	47.30 0.34 1.20	47.89 0.05 2.15	46.34 1.48 0.00	37.89 0.78 0.00	33.74 1.17 0.00	33.93 1.27 0.00	35.22 1.52 0.00	36.16 1.92 0.00	38.14 2.40 0.00	45.01 3.05 -0.13	52.33 0.95 4.37	73.65 2.22 0.00	75.24 2.48 0.00	67.55 2.09 0.00	58.97 1.27 0.06	53.31 1.52 0.70	48.96 2.12 0.21	45.94 2.69 0.14
CALPINE BETH_PAGE_GT4 24209	49.09 1.51 1.02	49.31 0.46 2.59	49.44 0.75 1.40	43.50 1.87 -0.01	41.25 1.70 -0.01	39.89 1.72 -0.01	43.20 2.06 -0.01	48.65 1.11 0.62	49.52 1.00 1.47	47.12 2.24 -0.01	38.42 1.30 -0.01	34.31 1.73 -0.01	34.50 1.83 -0.01	35.80 2.09 -0.01	36.48 2.23 -0.01	38.58 2.82 -0.01	46.00 3.56 -0.61	54.66 1.73 2.81	74.88 3.43 -0.01	76.42 3.64 -0.01	68.54 3.08 -0.01	59.76 2.02 0.02	54.76 2.62 0.35	50.21 3.15 -0.01	46.93 3.34 -0.20
CALPINE_BETH_PAGE_GT_4 323586	49.09 1.51 1.02	49.31 0.46 2.59	49.44 0.75 1.40	43.50 1.87 -0.01	41.25 1.70 -0.01	39.89 1.72 -0.01	43.20 2.06 -0.01	48.80 1.25 0.62	49.52 1.00 1.47	47.12 2.24 -0.01	38.57 1.45 -0.01	34.31 1.73 -0.01	34.49 1.83 -0.01	35.81 2.09 -0.01	36.55 2.29 -0.01	38.61 2.86 -0.01	45.99 3.55 -0.61	54.72 1.78 2.81	74.38 2.93 -0.01	75.83 3.06 -0.01	68.15 2.68 -0.01	59.53 1.79 0.02	54.18 2.04 0.35	49.84 2.78 -0.01	46.93 3.34 -0.20
CALPINE_BP_GT1 23823	49.09 1.51 1.02	49.31 0.46 2.59	49.44 0.75 1.40	43.50 1.87 -0.01	41.25 1.70 -0.01	39.89 1.72 -0.01	43.20 2.06 -0.01	48.80 1.25 0.62	49.52 1.00 1.47	47.12 2.24 -0.01	38.57 1.45 -0.01	34.31 1.73 -0.01	34.49 1.83 -0.01	35.81 2.09 -0.01	36.55 2.29 -0.01	38.61 2.86 -0.01	45.99 3.55 -0.61	54.72 1.78 2.81	74.38 2.93 -0.01	75.83 3.06 -0.01	68.15 2.68 -0.01	59.53 1.79 0.02	54.18 2.04 0.35	49.84 2.78 -0.01	46.93 3.34 -0.20
CALSPAN___DRP 24200	46.80 -1.80 0.00	50.93 -0.51 0.00	48.83 -1.25 0.00	40.91 -0.71 0.00	38.79 -0.75 0.00	38.05 -0.11 0.00	40.15 -0.99 0.00	47.05 -1.11 0.00	47.49 -2.50 0.00	42.22 -2.65 0.00	36.37 -0.74 0.00	31.86 -0.72 0.00	31.84 -0.82 0.00	32.80 -0.91 0.00	33.39 -0.86 0.00	34.17 -1.57 0.00	38.90 -2.93 0.00	52.57 -3.18 0.00	68.15 -3.29 0.00	69.57 -3.20 0.00	61.66 -3.80 0.00	53.78 -3.99 0.00	48.34 -4.15 0.00	44.51 -2.54 0.00	41.70 -1.69 0.00

CALVERTON___SOLAR 323806	47.01 0.39 1.97	46.98 -0.77 3.69	47.05 -0.40 2.63	42.66 1.04 0.00	40.41 0.87 0.00	39.08 0.91 0.00	42.37 1.23 0.00	47.16 0.19 1.20	47.79 -0.05 2.15	46.21 1.34 0.00	37.74 0.63 0.00	33.65 1.07 0.00	33.80 1.14 0.00	35.09 1.38 0.00	36.09 1.85 0.00	38.06 2.32 0.00	44.93 2.97 -0.13	52.28 0.89 4.36	73.65 2.22 0.00	75.24 2.48 0.00	67.61 2.16 0.00	58.91 1.21 0.06	53.32 1.52 0.69	48.91 2.07 0.21	45.85 2.60 0.14
CANDIGU_WT_PWR 323617	47.63 -0.97 0.00	51.44 0.00 0.00	49.54 -0.55 0.00	41.46 -0.17 0.00	39.31 -0.24 0.00	38.47 0.30 0.00	40.73 -0.41 0.00	47.53 -0.63 0.00	48.59 -1.40 0.00	43.30 -1.57 0.00	36.19 -0.93 0.00	32.06 -0.52 0.00	32.04 -0.62 0.00	33.03 -0.67 0.00	33.42 -0.82 0.00	34.49 -1.25 0.00	39.70 -2.13 0.00	53.52 -2.23 0.00	69.94 -1.50 0.00	71.60 -1.17 0.00	63.36 -2.10 0.00	55.28 -2.48 0.00	49.34 -3.15 0.00	45.26 -1.79 0.00	42.09 -1.30 0.00
CARR STREET_E__SYR 24060	47.68 -0.92 0.00	50.62 -0.83 0.00	49.19 -0.90 0.00	40.91 -0.71 0.00	38.87 -0.67 0.00	37.60 -0.57 0.00	40.40 -0.74 0.00	47.30 -0.87 0.00	48.99 -1.00 0.00	44.01 -0.85 0.00	36.48 -0.63 0.00	32.12 -0.46 0.00	32.17 -0.49 0.00	33.17 -0.54 0.00	33.70 -0.55 0.00	35.10 -0.64 0.00	40.95 -0.88 0.00	54.75 -1.00 0.00	70.37 -1.07 0.00	71.68 -1.09 0.00	64.35 -1.11 0.00	56.72 -1.04 0.00	51.44 -1.05 0.00	46.20 -0.85 0.00	42.69 -0.70 0.00
CARTHAGE___PAPER 23857	49.23 0.63 0.00	52.26 0.82 0.00	50.54 0.45 0.00	42.29 0.66 0.00	40.10 0.55 0.00	38.78 0.61 0.00	41.84 0.70 0.00	48.98 0.82 0.00	50.64 0.65 0.00	45.05 0.18 0.00	36.97 -0.15 0.00	32.35 -0.23 0.00	32.50 -0.16 0.00	33.51 -0.20 0.00	33.94 -0.31 0.00	35.42 -0.32 0.00	41.66 -0.17 0.00	56.03 0.28 0.00	72.37 0.93 0.00	74.15 1.38 0.00	66.97 1.51 0.00	58.92 1.15 0.00	53.54 1.05 0.00	47.89 0.85 0.00	43.95 0.56 0.00
CASSADAGA_WT_PWR 323784	47.87 -0.73 0.00	52.01 0.57 0.00	49.89 -0.20 0.00	41.83 0.21 0.00	39.62 0.08 0.00	38.86 0.69 0.00	41.02 -0.12 0.00	47.83 -0.33 0.00	48.69 -1.30 0.00	43.30 -1.57 0.00	36.52 -0.60 0.00	32.64 0.07 0.00	32.59 -0.07 0.00	33.61 -0.10 0.00	33.97 -0.28 0.00	34.96 -0.79 0.00	39.78 -2.05 0.00	53.57 -2.18 0.00	70.01 -1.43 0.00	71.46 -1.31 0.00	62.97 -2.49 0.00	54.53 -3.23 0.00	48.29 -4.20 0.00	44.69 -2.35 0.00	41.65 -1.74 0.00
CE_DUNWOOD___DRP 24194	50.98 2.38 0.00	53.34 1.90 0.00	52.19 2.10 0.00	43.50 1.87 0.00	41.25 1.70 0.00	39.81 1.64 0.00	42.95 1.81 0.00	50.33 2.17 0.00	52.29 2.30 0.00	47.20 2.33 0.00	38.97 1.86 0.00	34.30 1.73 0.00	34.42 1.76 0.00	35.63 1.92 0.00	36.13 1.88 0.00	37.82 2.07 0.00	44.47 2.64 0.00	58.93 3.18 0.00	75.15 3.71 0.00	76.41 3.64 0.00	68.67 3.21 0.00	60.59 2.83 0.00	55.37 2.89 0.00	49.63 2.59 0.00	45.73 2.34 0.00
CE_MILLWOOD___DRP 24193	50.93 2.33 0.00	53.29 1.85 0.00	52.14 2.05 0.00	43.45 1.83 0.00	41.25 1.70 0.00	39.77 1.60 0.00	42.91 1.77 0.00	50.33 2.17 0.00	52.24 2.25 0.00	47.16 2.29 0.00	38.93 1.82 0.00	34.27 1.69 0.00	34.39 1.73 0.00	35.60 1.89 0.00	36.09 1.85 0.00	37.75 2.00 0.00	44.42 2.59 0.00	58.87 3.12 0.00	75.08 3.64 0.00	76.34 3.57 0.00	68.60 3.14 0.00	60.53 2.77 0.00	55.32 2.83 0.00	49.63 2.59 0.00	45.69 2.30 0.00
CE_NYC2_DRP 24202	51.27 2.67 0.00	53.34 1.90 0.00	52.34 2.25 0.00	43.66 2.04 0.00	41.44 1.90 0.00	40.00 1.83 0.00	43.03 1.89 0.00	50.33 2.17 0.00	52.19 2.20 0.00	47.15 2.29 0.01	39.04 1.93 0.00	34.40 1.82 0.00	34.52 1.86 0.00	35.73 2.02 0.00	36.23 1.99 0.00	37.89 2.14 0.00	44.51 2.68 0.00	58.81 3.07 0.01	74.93 3.50 0.01	76.11 3.35 0.01	68.40 2.95 0.01	60.35 2.60 0.01	55.21 2.73 0.01	49.77 2.73 0.00	45.90 2.52 0.00
CE_NYC_DRP 24195	51.27 2.67 0.00	53.50 2.06 0.00	52.39 2.30 0.00	43.66 2.04 0.00	41.44 1.90 0.00	40.00 1.83 0.00	43.15 2.02 0.00	50.62 2.46 0.00	52.59 2.60 0.00	47.52 2.65 0.00	39.27 2.15 0.00	34.60 2.02 0.00	34.72 2.06 0.00	35.93 2.22 0.00	36.40 2.16 0.00	38.07 2.32 0.00	44.76 2.93 0.00	59.32 3.57 0.00	75.51 4.07 0.00	76.70 3.93 0.00	68.93 3.47 0.00	60.82 3.06 0.00	55.64 3.15 0.00	49.92 2.87 0.00	45.99 2.60 0.00
CHAFFEE___LFGE 323603	46.80 -1.80 0.00	50.88 -0.56 0.00	48.78 -1.30 0.00	40.91 -0.71 0.00	38.75 -0.79 0.00	38.02 -0.15 0.00	40.11 -1.03 0.00	46.72 -1.44 0.00	47.49 -2.50 0.00	42.22 -2.65 0.00	35.63 -1.49 0.00	31.86 -0.72 0.00	31.88 -0.78 0.00	32.83 -0.88 0.00	33.18 -1.06 0.00	34.17 -1.57 0.00	38.90 -2.93 0.00	52.35 -3.40 0.00	68.37 -3.07 0.00	69.86 -2.91 0.00	61.80 -3.66 0.00	53.72 -4.04 0.00	47.87 -4.62 0.00	44.46 -2.59 0.00	41.69 -1.69 0.00
CHATEAUG_35_KV_LOAD 355732	49.38 0.78 0.00	52.42 0.98 0.00	50.99 0.90 0.00	42.45 0.83 0.00	40.38 0.83 0.00	38.97 0.80 0.00	42.00 0.86 0.00	49.22 1.06 0.00	51.04 1.05 0.00	45.68 0.81 0.00	37.63 0.52 0.00	32.97 0.39 0.00	33.05 0.39 0.00	34.11 0.40 0.00	34.59 0.34 0.00	36.14 0.39 0.00	42.42 0.59 0.00	56.31 0.56 0.00	71.94 0.50 0.00	73.28 0.51 0.00	65.98 0.52 0.00	58.40 0.64 0.00	52.91 0.42 0.00	47.56 0.52 0.00	43.78 0.39 0.00
CHATEAUG_WT_PWR 323614	49.23 0.63 0.00	52.31 0.87 0.00	50.89 0.80 0.00	42.37 0.75 0.00	40.26 0.71 0.00	38.86 0.69 0.00	41.88 0.74 0.00	49.12 0.96 0.00	50.89 0.90 0.00	45.63 0.76 0.00	37.60 0.48 0.00	32.97 0.39 0.00	33.05 0.39 0.00	34.11 0.41 0.00	34.59 0.34 0.00	36.14 0.39 0.00	42.37 0.54 0.00	56.19 0.44 0.00	71.80 0.36 0.00	73.06 0.29 0.00	65.79 0.33 0.00	58.17 0.41 0.00	52.90 0.42 0.00	47.70 0.66 0.00	43.73 0.35 0.00
CHAT_HIGH_FALL_HYD 323578	49.38 0.78 0.00	52.42 0.98 0.00	50.99 0.90 0.00	42.45 0.83 0.00	40.38 0.83 0.00	38.97 0.80 0.00	42.00 0.86 0.00	49.22 1.06 0.00	51.04 1.05 0.00	45.68 0.81 0.00	37.63 0.52 0.00	32.97 0.39 0.00	33.05 0.39 0.00	34.11 0.40 0.00	34.59 0.34 0.00	36.14 0.39 0.00	42.42 0.59 0.00	56.31 0.56 0.00	71.94 0.50 0.00	73.28 0.51 0.00	65.98 0.52 0.00	58.40 0.64 0.00	52.91 0.42 0.00	47.56 0.52 0.00	43.78 0.39 0.00
CHAUTAUQUA___LFGE 323629	47.58 -1.02 0.00	51.70 0.26 0.00	49.59 -0.50 0.00	41.54 -0.08 0.00	39.39 -0.16 0.00	38.63 0.46 0.00	40.77 -0.37 0.00	47.53 -0.63 0.00	48.34 -1.65 0.00	42.99 -1.88 0.00	36.26 -0.85 0.00	32.38 -0.19 0.00	32.37 -0.29 0.00	33.34 -0.37 0.00	33.70 -0.55 0.00	34.71 -1.04 0.00	39.53 -2.30 0.00	53.18 -2.56 0.00	69.44 -2.00 0.00	70.95 -1.82 0.00	62.58 -2.88 0.00	54.30 -3.46 0.00	48.24 -4.25 0.00	44.69 -2.35 0.00	41.83 -1.56 0.00
CHERRYST_13_KV_LD 356241	51.37 2.77 0.00	53.60 2.16 0.00	52.49 2.40 0.00	43.74 2.12 0.00	41.52 1.98 0.00	40.08 1.91 0.00	43.24 2.10 0.00	50.71 2.55 0.00	52.69 2.70 0.00	47.61 2.74 0.00	39.38 2.26 0.00	34.66 2.08 0.00	34.78 2.12 0.00	36.00 2.29 0.00	36.47 2.23 0.00	38.14 2.40 0.00	44.88 3.05 0.00	59.43 3.68 0.00	75.73 4.29 0.00	76.85 4.08 0.00	69.06 3.60 0.00	61.00 3.23 0.00	55.74 3.25 0.00	50.06 3.01 0.00	46.08 2.69 0.00

CHESTROR_138KV_BK263 355645	50.79 2.19 0.00	53.24 1.80 0.00	52.04 1.95 0.00	43.33 1.71 0.00	41.13 1.58 0.00	39.69 1.53 0.00	42.83 1.69 0.00	50.18 2.02 0.00	52.09 2.10 0.00	46.98 2.11 0.00	38.75 1.63 0.00	34.08 1.50 0.00	34.20 1.54 0.00	35.39 1.69 0.00	35.89 1.64 0.00	37.53 1.79 0.00	44.17 2.34 0.00	58.65 2.90 0.00	74.94 3.50 0.00	76.19 3.42 0.00	68.47 3.01 0.00	60.36 2.60 0.00	55.11 2.62 0.00	49.44 2.40 0.00	45.51 2.13 0.00
CH_MIDHUDSON___DRP 24192	50.79 2.19 0.00	53.24 1.80 0.00	52.09 2.00 0.00	43.33 1.71 0.00	41.13 1.58 0.00	39.66 1.49 0.00	42.83 1.69 0.00	50.18 2.02 0.00	52.09 2.10 0.00	46.98 2.11 0.00	38.75 1.63 0.00	34.04 1.47 0.00	34.16 1.50 0.00	35.36 1.65 0.00	35.89 1.64 0.00	37.57 1.82 0.00	44.22 2.38 0.00	58.70 2.95 0.00	75.01 3.57 0.00	76.26 3.49 0.00	68.54 3.08 0.00	60.42 2.66 0.00	55.16 2.68 0.00	49.44 2.40 0.00	45.56 2.17 0.00
CH_MISC_IPPS 23765	51.13 2.53 0.00	53.55 2.11 0.00	52.39 2.31 0.00	43.62 2.00 0.00	41.37 1.82 0.00	39.89 1.72 0.00	43.07 1.93 0.00	50.47 2.31 0.00	52.34 2.35 0.00	47.20 2.33 0.00	39.04 1.93 0.00	34.21 1.63 0.00	34.32 1.66 0.00	35.53 1.82 0.00	36.06 1.81 0.00	37.75 2.00 0.00	44.51 2.68 0.00	59.15 3.40 0.00	75.58 4.14 0.00	76.77 4.00 0.00	68.99 3.53 0.00	60.88 3.12 0.00	55.53 3.04 0.00	49.73 2.68 0.00	45.90 2.52 0.00
CH_RES_BVR_FALLS 23983	48.75 0.15 0.00	51.65 0.21 0.00	50.29 0.20 0.00	41.79 0.17 0.00	39.70 0.16 0.00	38.32 0.15 0.00	41.30 0.17 0.00	48.40 0.24 0.00	50.24 0.25 0.00	45.05 0.18 0.00	37.23 0.11 0.00	32.61 0.03 0.00	32.66 0.00 0.00	33.67 -0.03 0.00	34.14 -0.10 0.00	35.68 -0.07 0.00	41.83 0.00 0.00	55.75 0.00 0.00	71.30 -0.14 0.00	72.62 -0.15 0.00	65.26 -0.20 0.00	57.42 -0.34 0.00	52.01 -0.47 0.00	46.48 -0.56 0.00	42.65 -0.74 0.00
CH_RES_NIAGARA 23895	45.49 -3.11 0.00	49.59 -1.85 0.00	47.48 -2.60 0.00	39.71 -1.91 0.00	37.69 -1.86 0.00	37.02 -1.15 0.00	39.00 -2.14 0.00	45.70 -2.46 0.00	45.99 -4.00 0.00	40.92 -3.95 0.00	35.41 -1.71 0.00	30.98 -1.60 0.00	30.99 -1.67 0.00	31.89 -1.82 0.00	32.46 -1.78 0.00	33.17 -2.57 0.00	37.69 -4.14 0.00	50.84 -4.91 0.00	65.72 -5.72 0.00	67.02 -5.75 0.00	59.44 -6.02 0.00	51.93 -5.83 0.00	46.82 -5.67 0.00	43.19 -3.86 0.00	40.65 -2.73 0.00
CH_RES_SYRACUSE 23985	48.02 -0.58 0.00	50.93 -0.51 0.00	49.54 -0.55 0.00	41.17 -0.46 0.00	39.15 -0.40 0.00	37.86 -0.31 0.00	40.69 -0.45 0.00	47.59 -0.58 0.00	49.34 -0.65 0.00	44.33 -0.54 0.00	36.74 -0.37 0.00	32.32 -0.26 0.00	32.37 -0.29 0.00	33.37 -0.34 0.00	33.87 -0.38 0.00	35.28 0.00 0.00	41.20 0.00 0.00	55.08 0.00 0.00	70.87 -0.57 0.00	72.19 -0.58 0.00	64.81 -0.65 0.00	57.13 -0.63 0.00	51.80 -0.68 0.00	46.53 -0.52 0.00	43.00 -0.39 0.00
CLINTON_WT_PWR 323605	49.23 0.63 0.00	52.31 0.87 0.00	50.89 0.80 0.00	42.37 0.75 0.00	40.26 0.71 0.00	38.86 0.69 0.00	41.88 0.74 0.00	49.12 0.96 0.00	50.89 0.90 0.00	45.63 0.76 0.00	37.60 0.48 0.00	32.97 0.39 0.00	33.05 0.39 0.00	34.11 0.41 0.00	34.59 0.34 0.00	36.14 0.39 0.00	42.37 0.54 0.00	56.19 0.44 0.00	71.80 0.36 0.00	73.06 0.29 0.00	65.79 0.33 0.00	58.17 0.41 0.00	52.90 0.42 0.00	47.70 0.66 0.00	43.73 0.35 0.00
CLINTON___LFGE 323618	49.91 1.31 0.00	53.04 1.60 0.00	51.59 1.50 0.00	42.95 1.33 0.00	40.85 1.30 0.00	39.43 1.26 0.00	42.45 1.32 0.00	49.80 1.64 0.00	51.59 1.60 0.00	46.21 1.34 0.00	38.04 0.93 0.00	33.39 0.81 0.00	33.51 0.85 0.00	34.55 0.84 0.00	35.03 0.79 0.00	36.57 0.82 0.00	42.92 1.09 0.00	56.75 1.00 0.00	72.44 1.00 0.00	73.71 0.94 0.00	66.44 0.98 0.00	58.80 1.04 0.00	53.54 1.05 0.00	48.41 1.37 0.00	44.30 0.91 0.00
COBBLENY_34_KV_TB1 80064	46.80 -1.80 0.00	50.87 -0.57 0.00	48.78 -1.30 0.00	40.91 -0.71 0.00	38.75 -0.79 0.00	38.02 -0.15 0.00	40.11 -1.03 0.00	47.00 -1.16 0.00	47.49 -2.50 0.00	42.27 -2.60 0.00	36.41 -0.71 0.00	31.86 -0.72 0.00	31.88 -0.78 0.00	32.83 -0.88 0.00	33.42 -0.82 0.00	34.17 -1.57 0.00	38.90 -2.93 0.00	52.63 -3.12 0.00	68.30 -3.14 0.00	69.71 -3.06 0.00	61.79 -3.67 0.00	53.83 -3.93 0.00	48.39 -4.09 0.00	44.55 -2.49 0.00	41.70 -1.69 0.00
COFFEEN___115KV_TB3 355620	49.09 0.49 0.00	52.16 0.72 0.00	50.29 0.20 0.00	42.20 0.58 0.00	40.02 0.47 0.00	38.74 0.57 0.00	41.80 0.66 0.00	48.93 0.77 0.00	50.49 0.50 0.00	44.87 0.00 0.00	36.82 -0.30 0.00	32.19 -0.39 0.00	32.30 -0.36 0.00	33.27 -0.44 0.00	33.70 -0.55 0.00	35.14 -0.61 0.00	41.41 -0.42 0.00	55.92 0.17 0.00	72.37 0.93 0.00	74.23 1.46 0.00	67.03 1.57 0.00	58.86 1.10 0.00	53.48 1.00 0.00	47.80 0.75 0.00	43.91 0.52 0.00
COLDSPRG_115KV_BK1 355956	47.82 -0.78 0.00	51.90 0.46 0.00	49.84 -0.25 0.00	41.83 0.21 0.00	39.59 0.04 0.00	38.82 0.65 0.00	40.97 -0.16 0.00	48.11 -0.05 0.00	48.79 -1.20 0.00	43.39 -1.48 0.00	37.30 0.19 0.00	32.68 0.10 0.00	32.63 -0.03 0.00	33.61 -0.10 0.00	34.21 -0.03 0.00	34.96 -0.79 0.00	39.86 -1.97 0.00	53.96 -1.78 0.00	70.23 -1.21 0.00	71.75 -1.02 0.00	63.37 -2.09 0.00	55.05 -2.71 0.00	49.29 -3.20 0.00	45.21 -1.83 0.00	42.04 -1.35 0.00
COLONIE_LFGE___ 323577	49.62 1.02 0.00	52.37 0.93 0.00	51.14 1.05 0.00	42.25 0.63 0.00	40.14 0.59 0.00	38.51 0.34 0.00	41.76 0.62 0.00	48.98 0.82 0.00	51.19 1.20 0.00	45.85 0.99 0.00	37.74 0.63 0.00	32.97 0.39 0.00	32.99 0.33 0.00	34.08 0.37 0.00	34.86 0.62 0.00	36.53 0.79 0.00	42.88 1.05 0.00	57.20 1.45 0.00	73.29 1.85 0.00	74.74 1.97 0.00	67.36 1.90 0.00	59.44 1.68 0.00	54.12 1.63 0.00	48.08 1.03 0.00	44.34 0.95 0.00
COOPERNY_115KV_TB1 80082	50.30 1.70 0.00	52.88 1.44 0.00	51.64 1.55 0.00	43.00 1.37 0.00	40.81 1.27 0.00	39.39 1.22 0.00	42.50 1.36 0.00	49.80 1.64 0.00	51.64 1.65 0.00	46.48 1.62 0.00	38.41 1.30 0.00	33.75 1.17 0.00	33.87 1.21 0.00	35.02 1.31 0.00	35.55 1.30 0.00	37.10 1.36 0.00	43.63 1.80 0.00	57.98 2.23 0.00	74.15 2.71 0.00	75.46 2.69 0.00	67.82 2.36 0.00	59.78 2.02 0.00	54.53 2.05 0.00	48.88 1.83 0.00	45.04 1.65 0.00
COPENHAGEN_WT_PWR 323753	48.80 0.20 0.00	51.80 0.36 0.00	50.04 -0.05 0.00	41.92 0.29 0.00	39.74 0.20 0.00	38.47 0.30 0.00	41.47 0.33 0.00	48.50 0.34 0.00	50.14 0.15 0.00	44.65 -0.22 0.00	36.67 -0.44 0.00	32.12 -0.46 0.00	32.23 -0.43 0.00	33.24 -0.47 0.00	33.63 -0.62 0.00	35.07 -0.68 0.00	41.29 -0.54 0.00	55.58 -0.17 0.00	71.87 0.43 0.00	73.65 0.88 0.00	66.38 0.92 0.00	58.40 0.64 0.00	53.01 0.52 0.00	47.42 0.37 0.00	43.61 0.22 0.00
CORNELL_____ 23752	49.28 0.68 0.00	52.32 0.87 0.00	50.84 0.75 0.00	42.33 0.71 0.00	40.18 0.63 0.00	38.93 0.76 0.00	41.80 0.66 0.00	48.98 0.82 0.00	50.64 0.65 0.00	45.36 0.49 0.00	37.56 0.45 0.00	32.87 0.29 0.00	32.92 0.26 0.00	33.94 0.24 0.00	34.48 0.24 0.00	35.89 0.14 0.00	42.00 0.17 0.00	56.42 0.67 0.00	72.87 1.43 0.00	74.37 1.60 0.00	66.70 1.24 0.00	58.74 0.98 0.00	53.17 0.68 0.00	47.75 0.71 0.00	44.08 0.69 0.00

CORONA__69_KV_TB1 355595	52.38 2.14 -1.64	52.22 1.13 0.35	53.46 1.40 -1.97	44.00 2.33 -0.05	41.73 2.14 -0.05	40.36 2.14 -0.05	43.66 2.47 -0.05	50.91 1.73 -1.01	51.65 1.65 -0.01	47.70 2.78 -0.05	38.87 1.71 -0.05	34.71 2.08 -0.05	34.87 2.16 -0.05	36.19 2.43 -0.05	36.86 2.57 -0.05	38.94 3.15 -0.05	48.19 3.93 -2.43	59.13 2.56 -0.82	75.92 4.43 -0.05	77.48 4.66 -0.05	69.50 3.99 -0.05	60.75 2.89 -0.10	56.45 3.36 -0.61	51.43 3.58 -0.81	48.61 3.69 -1.54
CORTLAND_115KV_TB3 80093	48.89 0.29 0.00	51.85 0.41 0.00	50.44 0.35 0.00	41.96 0.33 0.00	39.82 0.28 0.00	38.51 0.34 0.00	41.43 0.29 0.00	48.55 0.39 0.00	50.24 0.25 0.00	45.05 0.18 0.00	37.34 0.22 0.00	32.71 0.13 0.00	32.79 0.13 0.00	33.84 0.13 0.00	34.35 0.10 0.00	35.78 0.04 0.00	41.87 0.04 0.00	56.08 0.33 0.00	72.23 0.79 0.00	73.64 0.87 0.00	66.12 0.65 0.00	58.22 0.46 0.00	52.80 0.31 0.00	47.37 0.33 0.00	43.73 0.35 0.00
COXSACKIE__GT 23611	50.93 2.33 0.00	53.76 2.32 0.00	52.39 2.31 0.00	43.45 1.83 0.00	41.24 1.70 0.00	39.70 1.53 0.00	42.91 1.77 0.00	50.23 2.07 0.00	52.04 2.05 0.00	46.57 1.70 0.00	38.08 0.96 0.00	33.13 0.55 0.00	33.15 0.49 0.00	34.28 0.57 0.00	35.03 0.79 0.00	36.82 1.07 0.00	43.59 1.76 0.00	58.65 2.90 0.00	75.87 4.43 0.00	77.43 4.66 0.00	69.52 4.06 0.00	61.17 3.41 0.00	55.53 3.04 0.00	49.40 2.35 0.00	45.51 2.13 0.00
CPV_VALLEY__CC1 323721	50.79 2.19 0.00	53.19 1.75 0.00	52.04 1.95 0.00	43.33 1.71 0.00	41.13 1.58 0.00	39.66 1.49 0.00	42.83 1.69 0.00	50.18 2.02 0.00	52.09 2.10 0.00	46.98 2.11 0.00	38.90 1.78 0.00	34.11 1.53 0.00	34.23 1.57 0.00	35.43 1.72 0.00	35.92 1.68 0.00	37.57 1.82 0.00	44.21 2.38 0.00	58.70 2.95 0.00	74.87 3.43 0.00	76.05 3.28 0.00	68.34 2.88 0.00	60.36 2.60 0.00	55.11 2.62 0.00	49.35 2.30 0.00	45.60 2.21 0.00
CPV_VALLEY__CC2 323722	50.79 2.19 0.00	53.19 1.75 0.00	52.04 1.95 0.00	43.33 1.71 0.00	41.13 1.58 0.00	39.66 1.49 0.00	42.83 1.69 0.00	50.18 2.02 0.00	52.09 2.10 0.00	46.98 2.11 0.00	38.90 1.78 0.00	34.11 1.53 0.00	34.23 1.57 0.00	35.43 1.72 0.00	35.92 1.68 0.00	37.57 1.82 0.00	44.21 2.38 0.00	58.70 2.95 0.00	74.87 3.43 0.00	76.05 3.28 0.00	68.34 2.88 0.00	60.36 2.60 0.00	55.11 2.62 0.00	49.35 2.30 0.00	45.60 2.21 0.00
CRESCENT__HYD 24018	49.62 1.02 0.00	52.37 0.93 0.00	51.14 1.05 0.00	42.25 0.63 0.00	40.14 0.59 0.00	38.51 0.34 0.00	41.76 0.62 0.00	48.98 0.82 0.00	51.19 1.20 0.00	45.85 0.99 0.00	37.74 0.63 0.00	32.97 0.39 0.00	32.99 0.33 0.00	34.08 0.37 0.00	34.86 0.62 0.00	36.53 0.79 0.00	42.88 1.05 0.00	57.20 1.45 0.00	73.29 1.85 0.00	74.74 1.97 0.00	67.36 1.90 0.00	59.44 1.68 0.00	54.12 1.63 0.00	48.08 1.03 0.00	44.34 0.95 0.00
CRICKET__VALLEY_CC1 323756	50.35 1.75 0.00	52.73 1.29 0.00	51.59 1.50 0.00	42.95 1.33 0.00	40.77 1.23 0.00	39.31 1.14 0.00	42.45 1.32 0.00	49.75 1.59 0.00	51.69 1.70 0.00	46.62 1.75 0.00	38.60 1.49 0.00	33.85 1.27 0.00	33.97 1.31 0.00	35.16 1.45 0.00	35.65 1.40 0.00	37.32 1.57 0.00	43.88 2.05 0.00	58.20 2.45 0.00	74.15 2.71 0.00	75.32 2.55 0.00	67.75 2.29 0.00	59.90 2.14 0.00	54.74 2.26 0.00	48.98 1.93 0.00	45.25 1.86 0.00
CRICKET__VALLEY_CC2 323757	50.35 1.75 0.00	52.73 1.29 0.00	51.59 1.50 0.00	42.95 1.33 0.00	40.77 1.23 0.00	39.31 1.14 0.00	42.45 1.32 0.00	49.75 1.59 0.00	51.69 1.70 0.00	46.62 1.75 0.00	38.60 1.49 0.00	33.85 1.27 0.00	33.97 1.31 0.00	35.16 1.45 0.00	35.65 1.40 0.00	37.32 1.57 0.00	43.88 2.05 0.00	58.20 2.45 0.00	74.15 2.71 0.00	75.32 2.55 0.00	67.75 2.29 0.00	59.90 2.14 0.00	54.74 2.26 0.00	48.98 1.93 0.00	45.25 1.86 0.00
CRICKET__VALLEY_CC3 323758	50.35 1.75 0.00	52.73 1.29 0.00	51.59 1.50 0.00	42.95 1.33 0.00	40.77 1.23 0.00	39.31 1.14 0.00	42.45 1.32 0.00	49.75 1.59 0.00	51.69 1.70 0.00	46.62 1.75 0.00	38.60 1.49 0.00	33.85 1.27 0.00	33.97 1.31 0.00	35.16 1.45 0.00	35.65 1.40 0.00	37.32 1.57 0.00	43.88 2.05 0.00	58.20 2.45 0.00	74.15 2.71 0.00	75.32 2.55 0.00	67.75 2.29 0.00	59.90 2.14 0.00	54.74 2.26 0.00	48.98 1.93 0.00	45.25 1.86 0.00
CRUCIBLE_METL_DRP 24180	48.02 -0.58 0.00	50.93 -0.51 0.00	49.54 -0.55 0.00	41.16 -0.46 0.00	39.15 -0.40 0.00	37.86 -0.31 0.00	40.69 -0.45 0.00	47.63 -0.53 0.00	49.34 -0.65 0.00	44.33 -0.54 0.00	36.78 -0.33 0.00	32.32 -0.26 0.00	32.37 -0.29 0.00	33.37 -0.34 0.00	33.90 -0.34 0.00	35.28 -0.46 0.00	41.20 -0.63 0.00	55.14 -0.61 0.00	70.87 -0.57 0.00	72.19 -0.58 0.00	64.81 -0.65 0.00	57.18 -0.58 0.00	51.86 -0.63 0.00	46.58 -0.47 0.00	43.00 -0.39 0.00
DAHOWA__HYDRO 323763	50.06 1.46 0.00	52.88 1.44 0.00	51.59 1.50 0.00	42.75 1.12 0.00	40.61 1.07 0.00	39.01 0.84 0.00	42.29 1.15 0.00	49.41 1.25 0.00	51.44 1.45 0.00	45.90 1.03 0.00	37.71 0.59 0.00	32.87 0.29 0.00	32.92 0.26 0.00	34.01 0.30 0.00	34.76 0.51 0.00	36.42 0.68 0.00	42.92 1.09 0.00	57.59 1.84 0.00	74.15 2.71 0.00	75.61 2.84 0.00	68.15 2.68 0.00	60.07 2.31 0.00	54.59 2.10 0.00	48.55 1.51 0.00	44.73 1.35 0.00
DANC__LFGE 323619	48.26 -0.34 0.00	51.18 -0.26 0.00	49.59 -0.50 0.00	41.42 -0.21 0.00	39.31 -0.24 0.00	38.02 -0.15 0.00	40.97 -0.16 0.00	47.87 -0.29 0.00	49.54 -0.45 0.00	44.24 -0.63 0.00	36.48 -0.63 0.00	32.02 -0.55 0.00	32.10 -0.56 0.00	33.10 -0.61 0.00	33.52 -0.72 0.00	34.96 -0.79 0.00	41.03 -0.80 0.00	55.08 -0.67 0.00	71.01 -0.43 0.00	72.62 -0.15 0.00	65.40 -0.07 0.00	57.53 -0.23 0.00	52.28 -0.21 0.00	46.86 -0.19 0.00	43.13 -0.26 0.00
DANSKAMMER__1 23586	51.13 2.53 0.00	53.55 2.11 0.00	52.39 2.31 0.00	43.62 2.00 0.00	41.37 1.82 0.00	39.89 1.72 0.00	43.07 1.93 0.00	50.47 2.31 0.00	52.34 2.35 0.00	47.20 2.33 0.00	39.04 1.93 0.00	34.21 1.63 0.00	34.32 1.66 0.00	35.53 1.82 0.00	36.06 1.81 0.00	37.75 2.00 0.00	44.51 2.68 0.00	59.15 3.40 0.00	75.58 4.14 0.00	76.77 4.00 0.00	68.99 3.53 0.00	60.88 3.12 0.00	55.53 3.04 0.00	49.73 2.68 0.00	45.90 2.52 0.00
DANSKAMMER__2 23589	51.13 2.53 0.00	53.55 2.11 0.00	52.39 2.31 0.00	43.62 2.00 0.00	41.37 1.82 0.00	39.89 1.72 0.00	43.07 1.93 0.00	50.47 2.31 0.00	52.34 2.35 0.00	47.20 2.33 0.00	39.04 1.93 0.00	34.21 1.63 0.00	34.32 1.66 0.00	35.53 1.82 0.00	36.06 1.81 0.00	37.75 2.00 0.00	44.51 2.68 0.00	59.15 3.40 0.00	75.58 4.14 0.00	76.77 4.00 0.00	68.99 3.53 0.00	60.88 3.12 0.00	55.53 3.04 0.00	49.73 2.68 0.00	45.90 2.52 0.00
DANSKAMMER__3 23590	51.13 2.53 0.00	53.55 2.11 0.00	52.39 2.31 0.00	43.62 2.00 0.00	41.37 1.82 0.00	39.89 1.72 0.00	43.07 1.93 0.00	50.47 2.31 0.00	52.34 2.35 0.00	47.20 2.33 0.00	39.04 1.93 0.00	34.21 1.63 0.00	34.32 1.66 0.00	35.53 1.82 0.00	36.06 1.81 0.00	37.75 2.00 0.00	44.51 2.68 0.00	59.15 3.40 0.00	75.58 4.14 0.00	76.77 4.00 0.00	68.99 3.53 0.00	60.88 3.12 0.00	55.53 3.04 0.00	49.73 2.68 0.00	45.90 2.52 0.00

DANSKAMMER___4 23591	51.13 2.53 0.00	53.55 2.11 0.00	52.39 2.31 0.00	43.62 2.00 0.00	41.37 1.82 0.00	39.89 1.72 0.00	43.07 1.93 0.00	50.47 2.31 0.00	52.34 2.35 0.00	47.20 2.33 0.00	39.04 1.93 0.00	34.21 1.63 0.00	34.32 1.66 0.00	35.53 1.82 0.00	36.06 1.81 0.00	37.75 2.00 0.00	44.51 2.68 0.00	59.15 3.40 0.00	75.58 4.14 0.00	76.77 4.00 0.00	68.99 3.53 0.00	60.88 3.12 0.00	55.53 3.04 0.00	49.73 2.68 0.00	45.90 2.52 0.00
DANSKAMMER___DIESEL 23592	51.13 2.53 0.00	53.55 2.11 0.00	52.39 2.30 0.00	43.62 2.00 0.00	41.36 1.82 0.00	39.89 1.72 0.00	43.07 1.93 0.00	50.47 2.31 0.00	52.34 2.35 0.00	47.20 2.33 0.00	38.90 1.78 0.00	34.21 1.63 0.00	34.33 1.67 0.00	35.53 1.82 0.00	36.06 1.81 0.00	37.75 2.00 0.00	44.51 2.68 0.00	59.09 3.34 0.00	75.58 4.14 0.00	76.77 4.00 0.00	69.00 3.53 0.00	60.82 3.06 0.00	55.53 3.04 0.00	49.77 2.73 0.00	45.82 2.43 0.00
DARBY___SOLAR 323810	49.96 1.36 0.00	52.78 1.34 0.00	51.49 1.40 0.00	42.66 1.04 0.00	40.49 0.95 0.00	38.89 0.72 0.00	42.17 1.03 0.00	49.31 1.15 0.00	51.34 1.35 0.00	45.85 0.99 0.00	37.67 0.56 0.00	32.87 0.29 0.00	32.89 0.23 0.00	33.98 0.27 0.00	34.76 0.51 0.00	36.42 0.68 0.00	42.88 1.05 0.00	57.53 1.78 0.00	73.94 2.50 0.00	75.39 2.62 0.00	67.95 2.49 0.00	59.90 2.14 0.00	54.43 1.94 0.00	48.46 1.41 0.00	44.65 1.26 0.00
DASHVILLE___HYD 23610	50.50 1.90 0.00	52.98 1.54 0.00	51.74 1.65 0.00	43.08 1.46 0.00	40.89 1.34 0.00	39.39 1.22 0.00	42.54 1.40 0.00	49.80 1.64 0.00	51.69 1.70 0.00	46.57 1.71 0.00	38.34 1.22 0.00	33.69 1.11 0.00	33.77 1.11 0.00	34.95 1.25 0.00	35.48 1.23 0.00	37.18 1.43 0.00	43.80 1.97 0.00	58.26 2.51 0.00	74.58 3.14 0.00	75.83 3.06 0.00	68.14 2.68 0.00	60.07 2.31 0.00	54.80 2.31 0.00	49.07 2.02 0.00	45.21 1.82 0.00
DELAWARE___LFGE 323621	49.86 1.26 0.00	52.68 1.23 0.00	51.34 1.25 0.00	42.70 1.08 0.00	40.53 0.99 0.00	39.16 0.99 0.00	42.25 1.11 0.00	49.46 1.30 0.00	51.29 1.30 0.00	46.04 1.17 0.00	38.04 0.93 0.00	33.36 0.78 0.00	33.48 0.82 0.00	34.58 0.88 0.00	35.10 0.86 0.00	36.60 0.86 0.00	43.00 1.17 0.00	57.42 1.67 0.00	73.51 2.07 0.00	74.88 2.11 0.00	67.36 1.90 0.00	59.38 1.62 0.00	54.01 1.52 0.00	48.41 1.36 0.00	44.60 1.21 0.00
DERFIELD_115KV_TB7 355931	48.70 0.10 0.00	51.49 0.05 0.00	50.19 0.10 0.00	41.71 0.08 0.00	39.59 0.04 0.00	38.21 0.04 0.00	41.22 0.08 0.00	48.26 0.10 0.00	50.09 0.10 0.00	44.96 0.09 0.00	37.19 0.07 0.00	32.61 0.03 0.00	32.69 0.03 0.00	33.78 0.07 0.00	34.31 0.07 0.00	35.82 0.07 0.00	41.96 0.13 0.00	55.92 0.17 0.00	71.65 0.21 0.00	72.99 0.22 0.00	65.66 0.20 0.00	57.93 0.17 0.00	52.64 0.16 0.00	47.14 0.09 0.00	43.47 0.09 0.00
DOGLEVILLE___HYD 23807	49.86 1.26 0.00	52.88 1.44 0.00	51.54 1.45 0.00	42.83 1.21 0.00	40.69 1.15 0.00	39.31 1.15 0.00	42.37 1.23 0.00	49.56 1.40 0.00	51.44 1.45 0.00	46.13 1.26 0.00	38.12 1.00 0.00	33.46 0.88 0.00	33.54 0.88 0.00	34.62 0.91 0.00	35.10 0.86 0.00	36.64 0.89 0.00	42.96 1.13 0.00	57.42 1.67 0.00	73.58 2.14 0.00	75.10 2.33 0.00	67.62 2.16 0.00	59.61 1.85 0.00	54.22 1.73 0.00	48.50 1.46 0.00	44.73 1.35 0.00
DUNKIRK___115KV_TB_200 55889	47.48 -1.12 0.00	51.65 0.21 0.00	49.54 -0.55 0.00	41.50 -0.12 0.00	39.31 -0.24 0.00	38.59 0.42 0.00	40.69 -0.45 0.00	47.78 -0.39 0.00	48.29 -1.70 0.00	42.94 -1.93 0.00	36.97 -0.15 0.00	32.35 -0.23 0.00	32.33 -0.33 0.00	33.30 -0.40 0.00	33.90 -0.34 0.00	34.67 -1.07 0.00	39.49 -2.34 0.00	53.35 -2.40 0.00	69.30 -2.14 0.00	70.73 -2.04 0.00	62.51 -2.95 0.00	54.41 -3.35 0.00	48.76 -3.73 0.00	44.79 -2.26 0.00	41.83 -1.56 0.00
DUNKIRK___1 23563	47.48 -1.12 0.00	51.65 0.21 0.00	49.54 -0.55 0.00	41.50 -0.12 0.00	39.31 -0.24 0.00	38.59 0.42 0.00	40.69 -0.45 0.00	47.78 -0.39 0.00	48.29 -1.70 0.00	42.94 -1.93 0.00	36.97 -0.15 0.00	32.35 -0.23 0.00	32.33 -0.33 0.00	33.30 -0.40 0.00	33.90 -0.34 0.00	34.67 -1.07 0.00	39.49 -2.34 0.00	53.35 -2.40 0.00	69.30 -2.14 0.00	70.73 -2.04 0.00	62.51 -2.95 0.00	54.41 -3.35 0.00	48.76 -3.73 0.00	44.79 -2.26 0.00	41.83 -1.56 0.00
DUNKIRK___2 23564	47.48 -1.12 0.00	51.65 0.21 0.00	49.54 -0.55 0.00	41.50 -0.12 0.00	39.31 -0.24 0.00	38.59 0.42 0.00	40.69 -0.45 0.00	47.78 -0.39 0.00	48.29 -1.70 0.00	42.94 -1.93 0.00	36.97 -0.15 0.00	32.35 -0.23 0.00	32.33 -0.33 0.00	33.30 -0.40 0.00	33.90 -0.34 0.00	34.67 -1.07 0.00	39.49 -2.34 0.00	53.35 -2.40 0.00	69.30 -2.14 0.00	70.73 -2.04 0.00	62.51 -2.95 0.00	54.41 -3.35 0.00	48.76 -3.73 0.00	44.79 -2.26 0.00	41.83 -1.56 0.00
DUNKIRK___3 23565	47.19 -1.41 0.00	51.29 -0.15 0.00	49.24 -0.85 0.00	41.25 -0.37 0.00	39.11 -0.44 0.00	38.36 0.19 0.00	40.48 -0.66 0.00	47.44 -0.72 0.00	47.99 -2.00 0.00	42.67 -2.20 0.00	36.71 -0.41 0.00	32.12 -0.46 0.00	32.14 -0.52 0.00	33.10 -0.61 0.00	33.66 -0.58 0.00	34.46 -1.29 0.00	39.28 -2.55 0.00	53.07 -2.68 0.00	68.87 -2.57 0.00	70.30 -2.47 0.00	62.19 -3.27 0.00	54.18 -3.58 0.00	48.66 -3.83 0.00	44.69 -2.35 0.00	41.78 -1.61 0.00
DUNKIRK___4 23566	47.19 -1.41 0.00	51.29 -0.15 0.00	49.24 -0.85 0.00	41.25 -0.37 0.00	39.11 -0.44 0.00	38.36 0.19 0.00	40.48 -0.66 0.00	47.44 -0.72 0.00	47.99 -2.00 0.00	42.67 -2.20 0.00	36.71 -0.41 0.00	32.12 -0.46 0.00	32.14 -0.52 0.00	33.10 -0.61 0.00	33.66 -0.58 0.00	34.46 -1.29 0.00	39.28 -2.55 0.00	53.07 -2.68 0.00	68.87 -2.57 0.00	70.30 -2.47 0.00	62.19 -3.27 0.00	54.18 -3.58 0.00	48.66 -3.83 0.00	44.69 -2.35 0.00	41.78 -1.61 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	51.08 2.48 0.00	53.34 1.90 0.00	52.24 2.15 0.00	43.54 1.91 0.00	41.33 1.78 0.00	39.85 1.68 0.00	43.03 1.89 0.00	50.42 2.26 0.00	52.39 2.40 0.00	47.29 2.42 0.00	39.04 1.93 0.00	34.40 1.82 0.00	34.52 1.86 0.00	35.73 2.02 0.00	36.23 1.99 0.00	37.89 2.14 0.00	44.59 2.76 0.00	59.04 3.29 0.00	75.30 3.86 0.00	76.48 3.71 0.00	68.73 3.27 0.00	60.65 2.89 0.00	55.43 2.94 0.00	49.77 2.73 0.00	45.82 2.43 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	50.98 2.38 0.00	53.40 1.95 0.00	52.24 2.15 0.00	43.50 1.87 0.00	41.29 1.74 0.00	39.81 1.64 0.00	42.95 1.81 0.00	50.33 2.17 0.00	52.19 2.20 0.00	47.11 2.24 0.00	38.86 1.74 0.00	34.17 1.60 0.00	34.26 1.60 0.00	35.49 1.79 0.00	35.99 1.75 0.00	37.68 1.93 0.00	44.34 2.51 0.00	58.93 3.18 0.00	75.30 3.86 0.00	76.48 3.71 0.00	68.73 3.27 0.00	60.65 2.89 0.00	55.32 2.83 0.00	49.63 2.59 0.00	45.69 2.30 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	51.42 2.82 0.00	53.50 2.06 0.00	52.44 2.35 0.00	43.79 2.16 0.00	41.56 2.02 0.00	40.11 1.95 0.00	43.03 1.89 0.00	50.18 2.02 0.00	51.94 1.95 0.00	46.88 2.02 0.01	38.86 1.74 0.00	34.21 1.63 0.00	34.36 1.70 0.00	35.56 1.85 0.00	36.06 1.81 0.00	37.71 1.97 0.00	44.30 2.47 0.00	58.58 2.84 0.01	74.72 3.29 0.01	75.89 3.13 0.01	68.20 2.75 0.01	60.06 2.31 0.01	55.00 2.52 0.01	49.73 2.68 0.00	45.95 2.56 0.00

E179THST_13_KV_LOAD 356214	51.61 3.01 0.00	53.70 2.26 0.00	52.64 2.55 0.00	43.95 2.33 0.00	41.72 2.18 0.00	40.27 2.10 0.00	43.15 2.02 0.00	50.38 2.22 0.00	52.14 2.15 0.00	47.06 2.20 0.01	39.01 1.89 0.00	34.37 1.79 0.00	34.49 1.83 0.00	35.70 1.99 0.00	36.20 1.95 0.00	37.86 2.11 0.00	44.47 2.64 0.00	58.81 3.07 0.01	75.08 3.64 0.01	76.25 3.49 0.01	68.46 3.01 0.01	60.35 2.60 0.01	55.21 2.73 0.01	49.92 2.87 0.00	46.12 2.73 0.00
EAST HAMPTON___GT 23717	46.72 0.10 1.97	46.72 -1.03 3.69	47.05 -0.40 2.63	42.74 1.12 0.00	40.53 0.99 0.00	39.27 1.11 0.00	42.41 1.28 0.00	47.25 0.29 1.20	47.99 0.15 2.15	46.57 1.70 0.00	37.92 0.82 0.00	33.88 1.30 0.00	34.00 1.34 0.00	35.25 1.55 0.00	36.23 1.99 0.00	38.28 2.54 0.00	45.19 3.22 -0.13	52.84 1.45 4.36	74.65 3.22 0.00	76.40 3.64 0.00	68.73 3.27 0.00	59.84 2.14 0.06	54.16 2.36 0.69	49.66 2.82 0.21	46.55 3.30 0.14
EAST RIVER___6 23660	51.17 2.57 0.00	53.29 1.85 0.00	52.19 2.10 0.00	43.54 1.92 0.00	41.33 1.78 0.00	39.85 1.68 0.00	42.99 1.85 0.00	50.47 2.31 0.00	52.44 2.45 0.00	47.43 2.56 0.00	39.34 2.23 0.00	34.50 1.92 0.00	34.65 1.99 0.00	35.87 2.16 0.00	36.37 2.12 0.00	38.00 2.25 0.00	44.71 2.88 0.00	59.32 3.57 0.00	75.44 4.00 0.00	76.55 3.78 0.00	68.80 3.34 0.00	60.82 3.06 0.00	55.53 3.04 0.00	49.77 2.73 0.00	45.90 2.52 0.00
EAST RIVER___7 23524	51.17 2.57 0.00	53.29 1.85 0.00	52.19 2.10 0.00	43.54 1.92 0.00	41.33 1.78 0.00	39.85 1.68 0.00	42.99 1.85 0.00	50.47 2.31 0.00	52.44 2.45 0.00	47.43 2.56 0.00	39.34 2.23 0.00	34.50 1.92 0.00	34.65 1.99 0.00	35.87 2.16 0.00	36.37 2.12 0.00	38.00 2.25 0.00	44.71 2.88 0.00	59.32 3.57 0.00	75.44 4.00 0.00	76.55 3.78 0.00	68.80 3.34 0.00	60.82 3.06 0.00	55.53 3.04 0.00	49.77 2.73 0.00	45.90 2.52 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	50.98 2.38 0.00	53.34 1.90 0.00	52.19 2.10 0.00	43.50 1.87 0.00	41.25 1.70 0.00	39.81 1.64 0.00	42.95 1.81 0.00	50.33 2.17 0.00	52.29 2.30 0.00	47.20 2.33 0.00	38.97 1.86 0.00	34.30 1.73 0.00	34.42 1.76 0.00	35.63 1.92 0.00	36.13 1.88 0.00	37.82 2.07 0.00	44.47 2.64 0.00	58.93 3.18 0.00	75.15 3.71 0.00	76.41 3.64 0.00	68.67 3.21 0.00	60.59 2.83 0.00	55.37 2.89 0.00	49.63 2.59 0.00	45.73 2.34 0.00
EAST_HAMPTON___DIESEL 23722	46.63 0.00 1.97	46.67 -1.08 3.69	47.00 -0.45 2.63	42.66 1.04 0.00	40.45 0.91 0.00	39.19 1.03 0.00	42.37 1.23 0.00	47.20 0.24 1.20	47.89 0.05 2.15	46.53 1.66 0.00	37.89 0.78 0.00	33.84 1.27 0.00	33.96 1.31 0.00	35.22 1.52 0.00	36.19 1.95 0.00	38.24 2.50 0.00	45.14 3.18 -0.13	52.78 1.39 4.36	74.57 3.14 0.00	76.33 3.56 0.00	68.66 3.21 0.00	59.84 2.14 0.06	54.10 2.31 0.69	49.61 2.78 0.21	46.51 3.26 0.14
EAST_POINT___SOLAR 323840	50.93 2.33 0.00	53.86 2.42 0.00	52.49 2.40 0.00	43.58 1.96 0.00	41.40 1.86 0.00	39.89 1.72 0.00	43.19 2.06 0.00	50.57 2.41 0.00	51.64 1.65 0.00	45.05 0.18 0.00	36.74 -0.37 0.00	32.12 -0.46 0.00	32.23 -0.43 0.00	33.34 -0.37 0.00	34.07 -0.17 0.00	35.75 0.00 0.00	42.62 0.79 0.00	58.37 2.62 0.00	75.80 4.36 0.00	77.36 4.59 0.00	69.65 4.19 0.00	61.40 3.64 0.00	55.53 3.04 0.00	49.49 2.44 0.00	45.51 2.13 0.00
EAST_PULASKI___ESR 323781	47.73 -0.87 0.00	50.67 -0.77 0.00	49.13 -0.95 0.00	40.95 -0.67 0.00	38.91 -0.63 0.00	37.63 -0.53 0.00	40.48 -0.66 0.00	47.34 -0.82 0.00	49.04 -0.95 0.00	43.92 -0.94 0.00	36.37 -0.74 0.00	31.96 -0.62 0.00	32.01 -0.65 0.00	33.00 -0.71 0.00	33.49 -0.75 0.00	34.89 -0.86 0.00	40.83 -1.00 0.00	54.69 -1.06 0.00	70.37 -1.07 0.00	71.75 -1.02 0.00	64.54 -0.92 0.00	56.83 -0.93 0.00	51.65 -0.84 0.00	46.29 -0.75 0.00	42.69 -0.70 0.00
EAST_RIVER___1 323558	51.27 2.67 0.00	53.50 2.06 0.00	52.39 2.31 0.00	43.66 2.04 0.00	41.44 1.90 0.00	40.00 1.83 0.00	43.15 2.02 0.00	50.62 2.45 0.00	52.59 2.60 0.00	47.52 2.65 0.00	39.42 2.30 0.00	34.60 2.02 0.00	34.72 2.06 0.00	35.93 2.22 0.00	36.40 2.16 0.00	38.07 2.32 0.00	44.76 2.93 0.00	59.37 3.62 0.00	75.51 4.07 0.00	76.62 3.85 0.00	68.86 3.40 0.00	60.88 3.12 0.00	55.64 3.15 0.00	49.87 2.82 0.00	46.03 2.65 0.00
EAST_RIVER___2 323559	51.17 2.57 0.00	53.29 1.85 0.00	52.19 2.10 0.00	43.54 1.92 0.00	41.33 1.78 0.00	39.85 1.68 0.00	42.99 1.85 0.00	50.47 2.31 0.00	52.44 2.45 0.00	47.43 2.56 0.00	39.34 2.23 0.00	34.50 1.92 0.00	34.65 1.99 0.00	35.87 2.16 0.00	36.37 2.12 0.00	38.00 2.25 0.00	44.71 2.88 0.00	59.32 3.57 0.00	75.44 4.00 0.00	76.55 3.78 0.00	68.80 3.34 0.00	60.82 3.06 0.00	55.53 3.04 0.00	49.77 2.73 0.00	45.90 2.52 0.00
EAST___DELAWARE_HYD 23607	51.27 2.67 0.00	53.81 2.37 0.00	52.54 2.45 0.00	43.79 2.16 0.00	41.52 1.98 0.00	40.08 1.91 0.00	43.24 2.10 0.00	50.66 2.50 0.00	52.44 2.45 0.00	47.29 2.42 0.00	39.08 1.97 0.00	34.17 1.60 0.00	34.29 1.63 0.00	35.49 1.79 0.00	35.99 1.75 0.00	37.68 1.93 0.00	44.43 2.59 0.00	59.26 3.51 0.00	75.87 4.43 0.00	77.14 4.37 0.00	69.32 3.86 0.00	61.11 3.35 0.00	55.69 3.20 0.00	49.82 2.78 0.00	45.99 2.60 0.00
EIGHT_POINT___WT_PWR 323820	48.16 -0.44 0.00	52.06 0.62 0.00	50.04 -0.05 0.00	41.95 0.33 0.00	39.78 0.24 0.00	38.93 0.76 0.00	41.22 0.08 0.00	48.11 -0.05 0.00	49.19 -0.80 0.00	43.79 -1.08 0.00	36.52 -0.60 0.00	32.32 -0.26 0.00	32.27 -0.39 0.00	33.24 -0.47 0.00	33.66 -0.58 0.00	34.78 -0.96 0.00	40.03 -1.80 0.00	54.08 -1.67 0.00	70.87 -0.57 0.00	72.62 -0.15 0.00	64.28 -1.18 0.00	56.03 -1.73 0.00	49.86 -2.62 0.00	45.68 -1.37 0.00	42.35 -1.04 0.00
ELBRIDGE_115KV_TB2 80188	47.77 -0.83 0.00	50.72 -0.72 0.00	49.29 -0.80 0.00	41.00 -0.62 0.00	38.95 -0.59 0.00	37.67 -0.50 0.00	40.48 -0.66 0.00	47.39 -0.77 0.00	49.09 -0.90 0.00	44.06 -0.81 0.00	36.59 -0.52 0.00	32.12 -0.46 0.00	32.20 -0.46 0.00	33.20 -0.51 0.00	33.73 -0.51 0.00	35.10 -0.64 0.00	40.95 -0.88 0.00	54.80 -0.95 0.00	70.44 -1.00 0.00	71.82 -0.95 0.00	64.48 -0.98 0.00	56.84 -0.92 0.00	51.54 -0.94 0.00	46.29 -0.75 0.00	42.78 -0.61 0.00
ELEC_TRO_TEK 24086	50.80 1.85 -0.36	51.40 0.82 0.86	51.57 1.10 -0.38	43.72 2.08 -0.02	41.46 1.90 -0.02	40.06 1.87 -0.02	43.34 2.18 -0.02	49.83 1.44 -0.22	50.93 1.35 0.41	47.40 2.51 -0.02	38.66 1.52 -0.02	34.49 1.89 -0.02	34.64 1.96 -0.02	35.95 2.22 -0.02	36.59 2.33 -0.02	38.66 2.90 -0.02	46.63 3.64 -1.16	57.51 2.23 0.46	75.39 3.93 -0.02	76.87 4.08 -0.02	69.02 3.53 -0.02	60.27 2.48 -0.03	55.62 2.99 -0.14	50.59 3.25 -0.30	47.37 3.38 -0.60
ELLENBURG_WT_PWR 323604	49.23 0.63 0.00	52.31 0.87 0.00	50.89 0.80 0.00	42.37 0.75 0.00	40.26 0.71 0.00	38.86 0.69 0.00	41.88 0.74 0.00	49.12 0.96 0.00	50.89 0.90 0.00	45.63 0.76 0.00	37.60 0.48 0.00	32.97 0.39 0.00	33.05 0.39 0.00	34.11 0.41 0.00	34.59 0.34 0.00	36.14 0.39 0.00	42.37 0.54 0.00	56.19 0.44 0.00	71.80 0.36 0.00	73.06 0.29 0.00	65.79 0.33 0.00	58.17 0.41 0.00	52.90 0.42 0.00	47.70 0.66 0.00	43.73 0.35 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	46.66 -1.94 0.00	50.77 -0.67 0.00	48.68 -1.40 0.00	40.75 -0.87 0.00	38.64 -0.91 0.00	37.94 -0.23 0.00	39.99 -1.15 0.00	46.86 -1.30 0.00	47.29 -2.70 0.00	42.04 -2.83 0.00	36.26 -0.85 0.00	31.73 -0.85 0.00	31.75 -0.91 0.00	32.70 -1.01 0.00	33.25 -0.99 0.00	34.03 -1.72 0.00	38.74 -3.10 0.00	52.35 -3.40 0.00	67.80 -3.64 0.00	69.20 -3.57 0.00	61.27 -4.19 0.00	53.49 -4.27 0.00	48.13 -4.36 0.00	44.32 -2.73 0.00	41.57 -1.82 0.00
EMPIRE_CC_1 323656	49.04 0.44 0.00	51.75 0.31 0.00	50.54 0.45 0.00	41.79 0.17 0.00	39.74 0.20 0.00	38.13 -0.04 0.00	41.30 0.17 0.00	48.40 0.24 0.00	50.69 0.70 0.00	45.45 0.58 0.00	37.45 0.33 0.00	32.74 0.16 0.00	32.82 0.16 0.00	33.88 0.17 0.00	34.66 0.41 0.00	36.32 0.57 0.00	42.50 0.67 0.00	56.42 0.67 0.00	72.23 0.79 0.00	73.57 0.80 0.00	66.38 0.92 0.00	58.57 0.81 0.00	53.48 0.99 0.00	47.52 0.47 0.00	43.87 0.48 0.00
EMPIRE_CC_2 323658	49.04 0.44 0.00	51.75 0.31 0.00	50.54 0.45 0.00	41.79 0.17 0.00	39.74 0.20 0.00	38.13 -0.04 0.00	41.30 0.17 0.00	48.40 0.24 0.00	50.69 0.70 0.00	45.45 0.58 0.00	37.45 0.33 0.00	32.74 0.16 0.00	32.82 0.16 0.00	33.88 0.17 0.00	34.66 0.41 0.00	36.32 0.57 0.00	42.50 0.67 0.00	56.42 0.67 0.00	72.23 0.79 0.00	73.57 0.80 0.00	66.38 0.92 0.00	58.57 0.81 0.00	53.48 0.99 0.00	47.52 0.47 0.00	43.87 0.48 0.00
ENORWICH_115KV_TB1 80156	51.32 2.72 0.00	54.63 3.19 0.00	53.19 3.11 0.00	44.24 2.62 0.00	41.96 2.41 0.00	40.73 2.56 0.00	43.85 2.72 0.00	51.44 3.27 0.00	52.99 3.00 0.00	47.20 2.33 0.00	38.86 1.74 0.00	33.82 1.24 0.00	34.00 1.34 0.00	35.02 1.31 0.00	35.48 1.23 0.00	36.93 1.18 0.00	43.55 1.72 0.00	58.98 3.23 0.00	76.30 4.86 0.00	78.01 5.24 0.00	70.04 4.58 0.00	61.40 3.64 0.00	55.43 2.94 0.00	49.59 2.54 0.00	45.69 2.30 0.00
ERIE_ST__34_KV_TB1-2 80199	46.66 -1.94 0.00	50.72 -0.72 0.00	48.63 -1.45 0.00	40.79 -0.83 0.00	38.64 -0.91 0.00	37.90 -0.27 0.00	39.99 -1.15 0.00	46.86 -1.30 0.00	47.44 -2.55 0.00	42.18 -2.69 0.00	36.30 -0.82 0.00	31.80 -0.78 0.00	31.78 -0.88 0.00	32.76 -0.94 0.00	33.35 -0.89 0.00	34.14 -1.61 0.00	38.86 -2.97 0.00	52.57 -3.18 0.00	68.30 -3.21 0.00	69.71 -3.05 0.00	61.73 -3.73 0.00	53.78 -3.99 0.00	48.34 -4.15 0.00	44.46 -2.59 0.00	41.57 -1.82 0.00
ERIE_WT_PWR 323693	46.85 -1.75 0.00	50.93 -0.51 0.00	48.88 -1.20 0.00	40.95 -0.67 0.00	38.79 -0.75 0.00	38.05 -0.11 0.00	40.15 -0.99 0.00	46.76 -1.40 0.00	47.49 -2.50 0.00	42.27 -2.60 0.00	35.63 -1.49 0.00	31.86 -0.72 0.00	31.88 -0.78 0.00	32.83 -0.88 0.00	33.18 -1.06 0.00	34.17 -1.57 0.00	38.90 -2.93 0.00	52.29 -3.46 0.00	68.23 -3.21 0.00	69.72 -3.05 0.00	61.73 -3.73 0.00	53.72 -4.04 0.00	47.82 -4.67 0.00	44.46 -2.59 0.00	41.74 -1.65 0.00
ESPRGFLD_115KV_TB1 80157	50.16 1.56 0.00	53.04 1.59 0.00	51.69 1.60 0.00	42.95 1.33 0.00	40.77 1.23 0.00	39.43 1.26 0.00	42.54 1.40 0.00	49.85 1.69 0.00	51.34 1.35 0.00	45.63 0.76 0.00	37.56 0.45 0.00	32.84 0.26 0.00	32.99 0.33 0.00	34.04 0.34 0.00	34.55 0.31 0.00	36.10 0.36 0.00	42.67 0.84 0.00	57.59 1.84 0.00	74.23 2.79 0.00	75.75 2.98 0.00	68.08 2.62 0.00	60.07 2.31 0.00	54.43 1.94 0.00	48.69 1.65 0.00	44.82 1.43 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	49.18 0.58 0.00	52.21 0.77 0.00	50.79 0.70 0.00	42.25 0.62 0.00	40.14 0.59 0.00	38.86 0.69 0.00	41.71 0.58 0.00	48.93 0.77 0.00	50.59 0.60 0.00	45.32 0.45 0.00	37.49 0.37 0.00	32.84 0.26 0.00	32.89 0.23 0.00	33.91 0.20 0.00	34.45 0.21 0.00	35.89 0.14 0.00	42.00 0.17 0.00	56.36 0.61 0.00	72.73 1.29 0.00	74.23 1.46 0.00	66.57 1.11 0.00	58.63 0.87 0.00	53.12 0.63 0.00	47.70 0.66 0.00	43.99 0.61 0.00
ETNA____115KV_TB2 80207	49.18 0.58 0.00	52.21 0.77 0.00	50.79 0.70 0.00	42.25 0.62 0.00	40.14 0.59 0.00	38.86 0.69 0.00	41.71 0.58 0.00	48.93 0.77 0.00	50.59 0.60 0.00	45.32 0.45 0.00	37.49 0.37 0.00	32.84 0.26 0.00	32.89 0.23 0.00	33.91 0.20 0.00	34.45 0.21 0.00	35.89 0.14 0.00	42.00 0.17 0.00	56.36 0.61 0.00	72.73 1.29 0.00	74.23 1.46 0.00	66.57 1.11 0.00	58.63 0.87 0.00	53.12 0.63 0.00	47.70 0.66 0.00	43.99 0.61 0.00
EUCLID__115KV_TB2 356179	47.48 -1.12 0.00	50.41 -1.03 0.00	48.98 -1.10 0.00	40.75 -0.87 0.00	38.72 -0.83 0.00	37.44 -0.73 0.00	40.23 -0.91 0.00	47.10 -1.06 0.00	48.79 -1.20 0.00	43.79 -1.08 0.00	36.41 -0.71 0.00	31.96 -0.62 0.00	32.04 -0.62 0.00	33.03 -0.67 0.00	33.56 -0.68 0.00	34.96 -0.79 0.00	40.79 -1.05 0.00	54.47 -1.28 0.00	70.01 -1.43 0.00	71.31 -1.46 0.00	64.02 -1.44 0.00	56.49 -1.27 0.00	51.28 -1.21 0.00	46.01 -1.04 0.00	42.52 -0.87 0.00
E_CANADA_CAP_HY 24051	50.30 1.70 0.00	53.19 1.75 0.00	51.84 1.75 0.00	43.04 1.42 0.00	40.89 1.35 0.00	39.43 1.26 0.00	42.66 1.52 0.00	49.89 1.73 0.00	51.29 1.30 0.00	45.19 0.32 0.00	36.97 -0.15 0.00	32.25 -0.33 0.00	32.37 -0.29 0.00	33.44 -0.27 0.00	34.11 -0.14 0.00	35.75 0.00 0.00	42.46 0.63 0.00	57.59 1.84 0.00	74.51 3.07 0.00	76.05 3.28 0.00	68.47 3.01 0.00	60.48 2.72 0.00	54.79 2.31 0.00	48.88 1.83 0.00	44.95 1.56 0.00
E_CANADA_MHWK_HY 24050	49.86 1.26 0.00	52.88 1.44 0.00	51.54 1.45 0.00	42.83 1.21 0.00	40.69 1.15 0.00	39.31 1.14 0.00	42.37 1.23 0.00	49.56 1.40 0.00	51.44 1.45 0.00	46.12 1.25 0.00	38.12 1.00 0.00	33.46 0.88 0.00	33.54 0.88 0.00	34.62 0.91 0.00	35.10 0.86 0.00	36.64 0.89 0.00	42.96 1.13 0.00	57.42 1.67 0.00	73.58 2.14 0.00	75.10 2.33 0.00	67.62 2.16 0.00	59.61 1.85 0.00	54.17 1.68 0.00	48.51 1.46 0.00	44.73 1.35 0.00
E_FISHKILL__LBMP 23776	50.69 2.09 0.00	53.09 1.65 0.00	51.94 1.85 0.00	43.25 1.62 0.00	41.05 1.50 0.00	39.58 1.41 0.00	42.74 1.60 0.00	50.09 1.93 0.00	52.04 2.05 0.00	46.93 2.06 0.00	38.75 1.63 0.00	34.08 1.50 0.00	34.20 1.54 0.00	35.39 1.69 0.00	35.92 1.68 0.00	37.57 1.82 0.00	44.17 2.34 0.00	58.54 2.79 0.00	74.65 3.21 0.00	75.90 3.13 0.00	68.21 2.75 0.00	60.19 2.43 0.00	55.01 2.52 0.00	49.35 2.31 0.00	45.43 2.04 0.00
FALCON__SEABRD_CC1 323796	49.82 1.22 0.00	52.88 1.44 0.00	51.44 1.35 0.00	42.83 1.21 0.00	40.73 1.19 0.00	39.31 1.14 0.00	42.37 1.23 0.00	49.66 1.49 0.00	51.49 1.50 0.00	46.12 1.25 0.00	38.00 0.89 0.00	33.33 0.75 0.00	33.44 0.78 0.00	34.52 0.81 0.00	34.96 0.72 0.00	36.53 0.79 0.00	42.83 1.00 0.00	56.36 0.61 0.00	71.73 0.29 0.00	72.99 0.22 0.00	65.79 0.33 0.00	58.22 0.46 0.00	53.12 0.63 0.00	48.27 1.22 0.00	44.21 0.82 0.00
FALCON__SEABRD_CC2 323797	49.82 1.22 0.00	52.88 1.44 0.00	51.44 1.35 0.00	42.83 1.21 0.00	40.73 1.19 0.00	39.31 1.14 0.00	42.37 1.23 0.00	49.66 1.49 0.00	51.49 1.50 0.00	46.12 1.25 0.00	38.00 0.89 0.00	33.33 0.75 0.00	33.44 0.78 0.00	34.52 0.81 0.00	34.96 0.72 0.00	36.53 0.79 0.00	42.83 1.00 0.00	56.36 0.61 0.00	71.73 0.29 0.00	72.99 0.22 0.00	65.79 0.33 0.00	58.22 0.46 0.00	53.12 0.63 0.00	48.27 1.22 0.00	44.21 0.82 0.00

FAR ROCKAWAY___4 23548	52.97 2.62 -1.75	52.66 1.59 0.37	54.04 1.85 -2.10	44.42 2.75 -0.05	42.13 2.53 -0.05	40.74 2.52 -0.05	44.07 2.88 -0.05	51.41 2.17 -1.08	52.05 2.05 -0.01	48.11 3.19 -0.05	39.17 2.00 -0.05	35.01 2.38 -0.05	35.20 2.48 -0.05	36.56 2.80 -0.05	37.24 2.95 -0.05	39.38 3.57 -0.05	48.84 4.43 -2.57	59.81 3.18 -0.88	76.92 5.43 -0.05	78.50 5.68 -0.05	70.42 4.91 -0.05	61.45 3.58 -0.11	57.12 3.99 -0.65	52.05 4.14 -0.86	49.24 4.21 -1.64
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	51.22 2.62 0.00	53.50 2.06 0.00	52.39 2.30 0.00	43.66 2.04 0.00	41.44 1.90 0.00	40.00 1.83 0.00	43.15 2.02 0.00	50.57 2.41 0.00	52.54 2.55 0.00	47.52 2.65 0.00	39.27 2.15 0.00	34.56 1.99 0.00	34.72 2.06 0.00	35.90 2.19 0.00	36.40 2.16 0.00	38.07 2.32 0.00	44.76 2.93 0.00	59.26 3.51 0.00	75.44 4.00 0.00	76.63 3.86 0.00	68.86 3.40 0.00	60.82 3.06 0.00	55.58 3.10 0.00	49.92 2.87 0.00	45.95 2.56 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	51.27 2.67 0.00	53.50 2.06 0.00	52.39 2.30 0.00	43.66 2.04 0.00	41.44 1.90 0.00	40.00 1.83 0.00	43.15 2.02 0.00	50.62 2.46 0.00	52.59 2.60 0.00	47.52 2.65 0.00	39.27 2.15 0.00	34.60 2.02 0.00	34.72 2.06 0.00	35.90 2.19 0.00	36.40 2.16 0.00	38.07 2.32 0.00	44.76 2.93 0.00	59.26 3.51 0.00	75.44 4.00 0.00	76.63 3.86 0.00	68.93 3.47 0.00	60.82 3.06 0.00	55.64 3.15 0.00	49.96 2.92 0.00	45.99 2.60 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	51.22 2.62 0.00	53.45 2.01 0.00	52.39 2.30 0.00	43.66 2.04 0.00	41.44 1.90 0.00	39.96 1.79 0.00	43.15 2.02 0.00	50.57 2.41 0.00	52.54 2.55 0.00	47.47 2.60 0.00	39.23 2.12 0.00	34.56 1.99 0.00	34.69 2.02 0.00	35.90 2.19 0.00	36.37 2.12 0.00	38.03 2.29 0.00	44.76 2.93 0.00	59.26 3.51 0.00	75.44 4.00 0.00	76.63 3.86 0.00	68.86 3.40 0.00	60.76 3.00 0.00	55.58 3.10 0.00	49.92 2.87 0.00	45.95 2.56 0.00
FARRAGUT___LBMP 323566	51.18 2.58 0.00	53.45 2.01 0.00	52.34 2.25 0.00	43.62 2.00 0.00	41.40 1.86 0.00	39.96 1.79 0.00	43.11 1.97 0.00	50.57 2.41 0.00	52.49 2.50 0.00	47.47 2.60 0.00	39.23 2.12 0.00	34.53 1.95 0.00	34.69 2.02 0.00	35.86 2.16 0.00	36.37 2.12 0.00	38.03 2.29 0.00	44.72 2.89 0.00	59.20 3.46 0.00	75.37 3.93 0.00	76.55 3.78 0.00	68.80 3.34 0.00	60.71 2.95 0.00	55.53 3.04 0.00	49.87 2.82 0.00	45.95 2.56 0.00
FENNER___WINDPWR 24204	49.23 0.63 0.00	52.16 0.72 0.00	50.79 0.70 0.00	42.25 0.63 0.00	40.10 0.55 0.00	38.78 0.61 0.00	41.76 0.62 0.00	48.93 0.77 0.00	50.69 0.70 0.00	45.41 0.54 0.00	37.49 0.37 0.00	32.87 0.29 0.00	32.95 0.29 0.00	34.01 0.30 0.00	34.52 0.27 0.00	36.00 0.25 0.00	42.16 0.33 0.00	56.47 0.72 0.00	72.65 1.21 0.00	74.08 1.31 0.00	66.64 1.18 0.00	58.68 0.92 0.00	53.22 0.73 0.00	47.70 0.66 0.00	43.99 0.61 0.00
FIBERTEK___ENERGY 23856	48.02 -0.58 0.00	50.93 -0.51 0.00	49.54 -0.55 0.00	41.16 -0.46 0.00	39.15 -0.40 0.00	37.86 -0.31 0.00	40.69 -0.45 0.00	47.63 -0.53 0.00	49.34 -0.65 0.00	44.33 -0.54 0.00	36.78 -0.33 0.00	32.32 -0.26 0.00	32.37 -0.29 0.00	33.37 -0.34 0.00	33.90 -0.34 0.00	35.28 -0.46 0.00	41.20 -0.63 0.00	55.14 -0.61 0.00	70.87 -0.57 0.00	72.19 -0.58 0.00	64.81 -0.65 0.00	57.18 -0.58 0.00	51.86 -0.63 0.00	46.58 -0.47 0.00	43.00 -0.39 0.00
FITZPATRICK___ 23598	46.80 -1.80 0.00	49.64 -1.80 0.00	48.29 -1.80 0.00	40.13 -1.50 0.00	38.16 -1.39 0.00	36.87 -1.30 0.00	39.70 -1.44 0.00	46.38 -1.78 0.00	48.09 -1.90 0.00	43.21 -1.66 0.00	35.85 -1.26 0.00	31.53 -1.04 0.00	31.61 -1.05 0.00	32.60 -1.11 0.00	33.12 -1.13 0.00	34.49 -1.25 0.00	40.24 -1.59 0.00	53.69 -2.06 0.00	68.87 -2.57 0.00	70.22 -2.55 0.00	63.11 -2.35 0.00	55.62 -2.14 0.00	50.49 -1.99 0.00	45.35 -1.69 0.00	41.91 -1.48 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP-G 345010	51.18 2.58 0.00	53.65 2.21 0.00	52.44 2.35 0.00	43.66 2.04 0.00	41.44 1.90 0.00	39.96 1.79 0.00	43.11 1.97 0.00	50.52 2.36 0.00	52.39 2.40 0.00	47.29 2.42 0.00	38.93 1.82 0.00	34.24 1.66 0.00	34.36 1.70 0.00	35.56 1.85 0.00	36.09 1.85 0.00	37.82 2.07 0.00	44.55 2.72 0.00	59.20 3.46 0.00	75.73 4.29 0.00	76.92 4.15 0.00	69.13 3.67 0.00	60.94 3.18 0.00	55.58 3.10 0.00	49.82 2.78 0.00	45.86 2.47 0.00
FORT ORANGE___ 23900	49.62 1.02 0.00	52.37 0.93 0.00	51.09 1.00 0.00	42.33 0.71 0.00	40.22 0.67 0.00	38.70 0.53 0.00	41.84 0.70 0.00	49.03 0.87 0.00	51.09 1.10 0.00	45.77 0.90 0.00	37.74 0.63 0.00	33.00 0.42 0.00	33.05 0.39 0.00	34.14 0.44 0.00	34.86 0.62 0.00	36.50 0.75 0.00	42.83 1.00 0.00	57.14 1.39 0.00	73.23 1.79 0.00	74.66 1.89 0.00	67.23 1.77 0.00	59.32 1.56 0.00	54.01 1.52 0.00	48.13 1.08 0.00	44.39 1.00 0.00
FORT_DRUM_COGEN 23780	48.94 0.34 0.00	51.96 0.51 0.00	50.19 0.10 0.00	42.04 0.42 0.00	39.86 0.32 0.00	38.59 0.42 0.00	41.59 0.45 0.00	48.69 0.53 0.00	50.34 0.35 0.00	44.78 -0.09 0.00	36.74 -0.37 0.00	32.15 -0.42 0.00	32.27 -0.39 0.00	33.27 -0.44 0.00	33.70 -0.55 0.00	35.14 -0.61 0.00	41.37 -0.46 0.00	55.75 0.00 0.00	72.01 0.57 0.00	73.86 1.09 0.00	66.64 1.18 0.00	58.63 0.87 0.00	53.27 0.79 0.00	47.61 0.56 0.00	43.73 0.35 0.00
FOX_HILLS___ESR 323835	51.86 3.26 0.00	53.70 2.26 0.00	52.79 2.70 0.00	44.12 2.50 0.00	41.88 2.33 0.00	40.42 2.25 0.00	43.32 2.18 0.00	50.52 2.36 0.00	52.24 2.25 0.00	47.11 2.24 0.01	39.01 1.89 0.00	34.34 1.76 0.00	34.49 1.83 0.00	35.73 2.02 0.00	36.20 1.95 0.00	37.89 2.14 0.00	44.59 2.76 0.00	58.81 3.07 0.01	75.36 3.93 0.01	76.55 3.78 0.01	68.73 3.27 0.01	60.53 2.77 0.01	55.21 2.73 0.01	50.10 3.06 0.00	46.29 2.91 0.00
FPL_FAR_ROCK_GT1 24212	52.97 2.62 -1.75	52.67 1.60 0.37	54.05 1.85 -2.10	44.42 2.75 -0.05	42.13 2.53 -0.05	40.74 2.52 -0.05	44.07 2.88 -0.05	51.55 2.31 -1.08	52.05 2.05 -0.01	48.11 3.19 -0.05	39.32 2.15 -0.05	35.01 2.38 -0.05	35.20 2.48 -0.05	36.56 2.80 -0.05	37.28 2.98 -0.05	39.38 3.57 -0.05	48.84 4.43 -2.57	59.87 3.23 -0.88	76.57 5.07 -0.05	78.07 5.24 -0.05	70.10 4.58 -0.05	61.33 3.47 -0.11	56.60 3.46 -0.65	51.77 3.86 -0.86	49.20 4.17 -1.64
FPL_FAR_ROCK_GT2 23815	52.97 2.62 -1.75	52.67 1.60 0.37	54.05 1.85 -2.10	44.42 2.75 -0.05	42.13 2.53 -0.05	40.74 2.52 -0.05	44.07 2.88 -0.05	51.55 2.31 -1.08	52.05 2.05 -0.01	48.11 3.19 -0.05	39.32 2.15 -0.05	35.01 2.38 -0.05	35.20 2.48 -0.05	36.56 2.80 -0.05	37.28 2.98 -0.05	39.38 3.57 -0.05	48.84 4.43 -2.57	59.87 3.23 -0.88	76.57 5.07 -0.05	78.07 5.24 -0.05	70.10 4.58 -0.05	61.33 3.47 -0.11	56.60 3.46 -0.65	51.77 3.86 -0.86	49.20 4.17 -1.64
FRANKLIN_FALL_HYD 24054	50.01 1.41 0.00	53.14 1.70 0.00	51.64 1.55 0.00	43.04 1.42 0.00	40.89 1.34 0.00	39.47 1.30 0.00	42.54 1.40 0.00	49.89 1.73 0.00	51.69 1.70 0.00	46.30 1.44 0.00	38.12 1.00 0.00	33.42 0.85 0.00	33.57 0.91 0.00	34.65 0.94 0.00	35.07 0.82 0.00	36.60 0.86 0.00	42.96 1.13 0.00	57.09 1.34 0.00	73.01 1.57 0.00	74.37 1.60 0.00	67.10 1.64 0.00	59.38 1.62 0.00	53.80 1.31 0.00	48.32 1.27 0.00	44.34 0.95 0.00

FREEPORT_EQUS_GT1 23764	50.16 1.89 0.33	50.30 0.82 1.96	50.66 1.10 0.52	43.80 2.16 -0.02	41.50 1.94 -0.02	40.13 1.95 -0.02	43.46 2.30 -0.02	49.56 1.59 0.19	50.28 1.35 1.06	47.40 2.51 -0.02	38.80 1.67 -0.02	34.52 1.92 -0.02	34.70 2.03 -0.02	36.02 2.29 -0.02	36.76 2.50 -0.02	38.80 3.04 -0.02	46.69 3.81 -1.06	56.26 2.34 1.83	75.17 3.71 -0.02	76.71 3.93 -0.02	68.95 3.47 -0.02	60.19 2.43 -0.01	54.95 2.57 0.10	50.36 3.10 -0.21	47.47 3.56 -0.52
FREEPORT___CT2 23818	50.16 1.89 0.33	50.30 0.82 1.96	50.66 1.10 0.52	43.80 2.16 -0.02	41.50 1.94 -0.02	40.13 1.95 -0.02	43.46 2.30 -0.02	49.56 1.59 0.19	50.28 1.35 1.06	47.40 2.51 -0.02	38.80 1.67 -0.02	34.52 1.92 -0.02	34.70 2.03 -0.02	36.02 2.29 -0.02	36.76 2.50 -0.02	38.80 3.04 -0.02	46.69 3.81 -1.06	56.26 2.34 1.83	75.17 3.71 -0.02	76.71 3.93 -0.02	68.95 3.47 -0.02	60.19 2.43 -0.01	54.95 2.57 0.10	50.36 3.10 -0.21	47.47 3.56 -0.52
FRESHKLS_33_KV_LOAD 356253	52.20 3.60 0.00	53.96 2.52 0.00	53.09 3.01 0.00	44.41 2.79 0.00	42.16 2.61 0.00	40.69 2.52 0.00	43.52 2.39 0.00	50.76 2.60 0.00	52.44 2.45 0.00	47.19 2.33 0.01	39.12 2.00 0.00	34.40 1.82 0.00	34.55 1.89 0.00	35.80 2.09 0.00	36.30 2.05 0.00	38.00 2.25 0.00	44.68 2.84 0.00	58.81 3.07 0.01	75.50 4.07 0.01	76.69 3.93 0.01	68.86 3.40 0.01	60.58 2.83 0.01	55.37 2.89 0.01	50.34 3.29 0.00	46.51 3.12 0.00
FULTON COGEN____ 23766	47.19 -1.41 0.00	50.05 -1.39 0.00	48.63 -1.45 0.00	40.46 -1.17 0.00	38.44 -1.11 0.00	37.18 -0.99 0.00	39.99 -1.15 0.00	46.76 -1.40 0.00	48.49 -1.50 0.00	43.57 -1.30 0.00	36.15 -0.96 0.00	31.76 -0.81 0.00	31.84 -0.82 0.00	32.83 -0.88 0.00	33.32 -0.92 0.00	34.71 -1.04 0.00	40.49 -1.34 0.00	54.13 -1.62 0.00	69.58 -1.86 0.00	70.88 -1.89 0.00	63.69 -1.77 0.00	56.14 -1.62 0.00	51.02 -1.47 0.00	45.73 -1.32 0.00	42.26 -1.13 0.00
FULTON___LFGE 323630	50.64 2.04 0.00	53.55 2.11 0.00	52.19 2.10 0.00	43.33 1.71 0.00	41.17 1.62 0.00	39.66 1.49 0.00	42.91 1.77 0.00	50.23 2.07 0.00	51.64 1.65 0.00	45.45 0.58 0.00	37.11 0.00 0.00	32.35 -0.23 0.00	32.40 -0.26 0.00	33.47 -0.23 0.00	34.18 -0.07 0.00	35.93 0.18 0.00	42.75 0.92 0.00	58.09 2.34 0.00	75.15 3.71 0.00	76.70 3.93 0.00	69.06 3.60 0.00	60.88 3.12 0.00	55.16 2.68 0.00	49.16 2.12 0.00	45.25 1.86 0.00
G.F.CEMENT___DRP 24184	50.06 1.46 0.00	52.88 1.44 0.00	51.59 1.50 0.00	42.79 1.17 0.00	40.65 1.11 0.00	39.05 0.88 0.00	42.33 1.19 0.00	49.32 1.16 0.00	51.34 1.35 0.00	45.77 0.90 0.00	37.52 0.41 0.00	32.77 0.20 0.00	32.79 0.13 0.00	33.88 0.17 0.00	34.62 0.38 0.00	36.32 0.57 0.00	42.79 0.96 0.00	57.53 1.78 0.00	74.15 2.71 0.00	75.68 2.91 0.00	68.14 2.68 0.00	60.07 2.31 0.00	54.53 2.05 0.00	48.60 1.55 0.00	44.73 1.35 0.00
GARDENVILLE___LBMP 24039	46.75 -1.85 0.00	50.82 -0.62 0.00	48.78 -1.30 0.00	40.87 -0.75 0.00	38.75 -0.79 0.00	38.02 -0.15 0.00	40.11 -1.03 0.00	47.00 -1.16 0.00	47.39 -2.60 0.00	42.18 -2.69 0.00	36.30 -0.82 0.00	31.76 -0.81 0.00	31.75 -0.91 0.00	32.70 -1.01 0.00	33.29 -0.96 0.00	34.07 -1.68 0.00	38.82 -3.01 0.00	52.46 -3.29 0.00	68.08 -3.36 0.00	69.50 -3.27 0.00	61.53 -3.93 0.00	53.66 -4.10 0.00	48.29 -4.20 0.00	44.46 -2.59 0.00	41.65 -1.74 0.00
GARDNVLA_35_KV_LD 355827	46.95 -1.65 0.00	51.03 -0.41 0.00	48.98 -1.10 0.00	41.04 -0.58 0.00	38.87 -0.67 0.00	38.13 -0.04 0.00	40.23 -0.91 0.00	47.15 -1.01 0.00	47.59 -2.40 0.00	42.36 -2.51 0.00	36.52 -0.59 0.00	31.96 -0.62 0.00	31.97 -0.69 0.00	32.93 -0.78 0.00	33.53 -0.72 0.00	34.32 -1.43 0.00	39.07 -2.76 0.00	52.79 -2.95 0.00	68.44 -3.00 0.00	69.86 -2.91 0.00	61.93 -3.53 0.00	53.95 -3.81 0.00	48.55 -3.94 0.00	44.65 -2.40 0.00	41.83 -1.56 0.00
GELCKHM___115KV_LOAD 80723	47.68 -0.92 0.00	50.62 -0.82 0.00	49.19 -0.90 0.00	40.91 -0.71 0.00	38.87 -0.67 0.00	37.60 -0.57 0.00	40.40 -0.74 0.00	47.29 -0.87 0.00	48.99 -1.00 0.00	44.02 -0.85 0.00	36.56 -0.56 0.00	32.09 -0.49 0.00	32.17 -0.49 0.00	33.17 -0.54 0.00	33.70 -0.55 0.00	35.10 -0.64 0.00	40.91 -0.92 0.00	54.74 -1.00 0.00	70.30 -1.14 0.00	71.68 -1.09 0.00	64.35 -1.11 0.00	56.72 -1.04 0.00	51.49 -1.00 0.00	46.20 -0.85 0.00	42.69 -0.69 0.00
GENERAL___MILLS 23808	46.80 -1.80 0.00	50.93 -0.51 0.00	48.83 -1.25 0.00	40.91 -0.71 0.00	38.79 -0.75 0.00	38.05 -0.11 0.00	40.15 -0.99 0.00	47.05 -1.11 0.00	47.49 -2.50 0.00	42.22 -2.65 0.00	36.37 -0.74 0.00	31.86 -0.72 0.00	31.84 -0.82 0.00	32.80 -0.91 0.00	33.39 -0.86 0.00	34.17 -1.57 0.00	38.90 -2.93 0.00	52.57 -3.18 0.00	68.15 -3.29 0.00	69.57 -3.20 0.00	61.66 -3.80 0.00	53.78 -3.99 0.00	48.34 -4.15 0.00	44.51 -2.54 0.00	41.70 -1.69 0.00
GE_PLASTICS___DRP 24183	49.43 0.83 0.00	52.16 0.72 0.00	50.89 0.80 0.00	42.20 0.58 0.00	40.06 0.51 0.00	38.59 0.42 0.00	41.67 0.53 0.00	48.79 0.63 0.00	50.89 0.90 0.00	45.68 0.81 0.00	37.60 0.48 0.00	33.00 0.42 0.00	33.08 0.42 0.00	34.15 0.44 0.00	34.79 0.55 0.00	36.46 0.71 0.00	42.75 0.92 0.00	56.86 1.11 0.00	72.80 1.36 0.00	74.15 1.38 0.00	66.77 1.31 0.00	58.92 1.16 0.00	53.64 1.15 0.00	47.94 0.89 0.00	44.21 0.82 0.00
GILBOA___1 23756	49.62 1.02 0.00	52.31 0.87 0.00	51.04 0.95 0.00	42.41 0.79 0.00	40.26 0.71 0.00	38.82 0.65 0.00	41.92 0.78 0.00	49.07 0.91 0.00	51.04 1.05 0.00	45.85 0.99 0.00	37.93 0.82 0.00	33.23 0.65 0.00	33.31 0.65 0.00	34.42 0.71 0.00	35.00 0.75 0.00	36.60 0.86 0.00	42.92 1.09 0.00	57.14 1.39 0.00	72.94 1.50 0.00	74.30 1.53 0.00	66.84 1.38 0.00	59.09 1.33 0.00	53.80 1.31 0.00	48.13 1.08 0.00	44.43 1.04 0.00
GILBOA___2 23757	49.62 1.02 0.00	52.31 0.87 0.00	51.04 0.95 0.00	42.41 0.79 0.00	40.26 0.71 0.00	38.82 0.65 0.00	41.92 0.78 0.00	49.07 0.91 0.00	51.04 1.05 0.00	45.85 0.99 0.00	37.93 0.82 0.00	33.23 0.65 0.00	33.31 0.65 0.00	34.42 0.71 0.00	35.00 0.75 0.00	36.60 0.86 0.00	42.92 1.09 0.00	57.14 1.39 0.00	72.94 1.50 0.00	74.30 1.53 0.00	66.84 1.38 0.00	59.09 1.33 0.00	53.80 1.31 0.00	48.13 1.08 0.00	44.43 1.04 0.00
GILBOA___3 23758	49.62 1.02 0.00	52.31 0.87 0.00	51.04 0.95 0.00	42.41 0.79 0.00	40.26 0.71 0.00	38.82 0.65 0.00	41.92 0.78 0.00	49.07 0.91 0.00	51.04 1.05 0.00	45.85 0.99 0.00	37.93 0.82 0.00	33.23 0.65 0.00	33.31 0.65 0.00	34.42 0.71 0.00	35.00 0.75 0.00	36.60 0.86 0.00	42.92 1.09 0.00	57.14 1.39 0.00	72.94 1.50 0.00	74.30 1.53 0.00	66.84 1.38 0.00	59.09 1.33 0.00	53.80 1.31 0.00	48.13 1.08 0.00	44.43 1.04 0.00
GILBOA___4 23759	49.62 1.02 0.00	52.31 0.87 0.00	51.04 0.95 0.00	42.41 0.79 0.00	40.26 0.71 0.00	38.82 0.65 0.00	41.92 0.78 0.00	49.07 0.91 0.00	51.04 1.05 0.00	45.85 0.99 0.00	37.93 0.82 0.00	33.23 0.65 0.00	33.31 0.65 0.00	34.42 0.71 0.00	35.00 0.75 0.00	36.60 0.86 0.00	42.92 1.09 0.00	57.14 1.39 0.00	72.94 1.50 0.00	74.30 1.53 0.00	66.84 1.38 0.00	59.09 1.33 0.00	53.80 1.31 0.00	48.13 1.08 0.00	44.43 1.04 0.00

GILBOA____ 23599	49.62 1.02 0.00	52.32 0.87 0.00	51.04 0.95 0.00	42.41 0.79 0.00	40.26 0.71 0.00	38.82 0.65 0.00	41.92 0.78 0.00	49.08 0.92 0.00	51.04 1.05 0.00	45.86 0.99 0.00	37.86 0.74 0.00	33.23 0.65 0.00	33.31 0.65 0.00	34.42 0.71 0.00	35.00 0.75 0.00	36.60 0.86 0.00	42.92 1.09 0.00	57.14 1.39 0.00	72.94 1.50 0.00	74.30 1.53 0.00	66.84 1.37 0.00	59.09 1.33 0.00	53.80 1.31 0.00	48.17 1.13 0.00	44.39 1.00 0.00
GINNA____ 23603	45.29 -3.31 0.00	48.61 -2.83 0.00	46.93 -3.15 0.00	39.04 -2.58 0.00	37.06 -2.49 0.00	36.07 -2.10 0.00	38.50 -2.63 0.00	44.93 -3.23 0.00	46.09 -3.90 0.00	41.28 -3.59 0.00	34.44 -2.67 0.00	30.46 -2.12 0.00	30.54 -2.12 0.00	31.45 -2.26 0.00	31.85 -2.40 0.00	33.03 -2.72 0.00	38.32 -3.51 0.00	51.40 -4.35 0.00	66.51 -4.93 0.00	67.82 -4.95 0.00	60.68 -4.78 0.00	53.26 -4.51 0.00	47.92 -4.57 0.00	43.52 -3.53 0.00	40.44 -2.95 0.00
GLEN PARK____ 23778	48.99 0.39 0.00	52.06 0.62 0.00	50.19 0.10 0.00	42.08 0.46 0.00	39.90 0.36 0.00	38.66 0.49 0.00	41.67 0.53 0.00	48.79 0.62 0.00	50.39 0.40 0.00	44.78 -0.09 0.00	36.71 -0.41 0.00	32.12 -0.46 0.00	32.23 -0.43 0.00	33.24 -0.47 0.00	33.63 -0.62 0.00	35.10 -0.64 0.00	41.33 -0.50 0.00	55.75 0.00 0.00	72.15 0.71 0.00	74.08 1.31 0.00	66.90 1.44 0.00	58.74 0.98 0.00	53.32 0.84 0.00	47.70 0.66 0.00	43.78 0.39 0.00
GLENDALE_27_KV_LOAD 356172	51.42 2.82 0.00	53.55 2.11 0.00	52.49 2.40 0.00	43.83 2.21 0.00	41.60 2.06 0.00	40.15 1.98 0.00	43.15 2.02 0.00	50.52 2.36 0.00	52.39 2.40 0.00	47.33 2.47 0.01	39.19 2.08 0.00	34.53 1.95 0.00	34.65 1.99 0.00	35.86 2.16 0.00	36.37 2.12 0.00	38.03 2.29 0.00	44.72 2.89 0.00	59.09 3.34 0.01	75.29 3.86 0.01	76.40 3.64 0.01	68.73 3.27 0.01	60.64 2.89 0.01	55.47 2.99 0.01	49.96 2.92 0.00	46.08 2.69 0.00
GLENWOOD_IC_1_G5 23712	50.58 2.24 0.25	51.68 1.44 1.20	51.41 1.70 0.38	43.75 2.12 -0.01	41.49 1.94 -0.01	40.09 1.91 -0.01	43.33 2.18 -0.01	49.94 1.93 0.15	51.22 1.90 0.67	47.44 2.56 -0.01	38.90 1.78 -0.01	34.51 1.92 -0.01	34.66 1.99 -0.01	35.94 2.22 -0.01	36.55 2.29 -0.01	38.44 2.68 -0.01	45.92 3.39 -0.71	57.44 2.84 1.15	75.59 4.14 -0.01	77.00 4.22 -0.01	69.14 3.67 -0.01	60.59 2.83 0.00	55.55 3.15 0.08	50.30 3.15 -0.10	46.78 3.12 -0.27
GLENWOOD_IC_2_G1 23688	50.84 2.24 0.00	52.92 1.49 0.01	51.84 1.75 0.00	43.62 2.00 0.00	41.37 1.82 0.00	39.96 1.79 0.00	43.15 2.02 0.00	50.18 2.02 0.00	51.82 2.00 0.17	47.33 2.47 0.00	39.04 1.93 0.00	34.43 1.86 0.00	34.59 1.93 0.00	35.83 2.12 0.00	36.40 2.16 0.00	38.21 2.46 0.00	45.29 3.14 -0.32	58.69 2.95 0.01	75.15 3.71 0.00	76.48 3.71 0.00	68.73 3.27 0.00	60.48 2.72 0.00	55.27 2.78 0.00	49.82 2.78 0.00	46.25 2.86 0.00
GLENWOOD_IC_3_G1 23689	50.84 2.24 0.00	52.92 1.49 0.01	51.84 1.75 0.00	43.62 2.00 0.00	41.37 1.82 0.00	39.96 1.79 0.00	43.15 2.02 0.00	50.18 2.02 0.00	51.82 2.00 0.17	47.33 2.47 0.00	39.04 1.93 0.00	34.43 1.86 0.00	34.59 1.93 0.00	35.83 2.12 0.00	36.40 2.16 0.00	38.21 2.46 0.00	45.29 3.14 -0.32	58.69 2.95 0.01	75.15 3.71 0.00	76.48 3.71 0.00	68.73 3.27 0.00	60.48 2.72 0.00	55.27 2.78 0.00	49.82 2.78 0.00	46.25 2.86 0.00
GLENWOOD____4 23550	50.58 2.24 0.25	51.68 1.44 1.20	51.41 1.70 0.38	43.75 2.12 -0.01	41.49 1.94 -0.01	40.09 1.91 -0.01	43.33 2.18 -0.01	49.94 1.93 0.15	51.22 1.90 0.67	47.44 2.56 -0.01	38.90 1.78 -0.01	34.51 1.92 -0.01	34.66 1.99 -0.01	35.94 2.22 -0.01	36.55 2.29 -0.01	38.44 2.68 -0.01	45.92 3.39 -0.71	57.44 2.84 1.15	75.59 4.14 -0.01	77.00 4.22 -0.01	69.14 3.67 -0.01	60.59 2.83 0.00	55.55 3.15 0.08	50.30 3.15 -0.10	46.78 3.12 -0.27
GLENWOOD____5 23614	50.58 2.24 0.25	51.68 1.44 1.20	51.41 1.70 0.38	43.75 2.12 -0.01	41.49 1.94 -0.01	40.09 1.91 -0.01	43.33 2.18 -0.01	49.94 1.93 0.15	51.22 1.90 0.67	47.44 2.56 -0.01	38.90 1.78 -0.01	34.51 1.92 -0.01	34.66 1.99 -0.01	35.94 2.22 -0.01	36.55 2.29 -0.01	38.44 2.68 -0.01	45.92 3.39 -0.71	57.44 2.84 1.15	75.59 4.14 -0.01	77.00 4.22 -0.01	69.14 3.67 -0.01	60.59 2.83 0.00	55.55 3.15 0.08	50.30 3.15 -0.10	46.78 3.12 -0.27
GLOBAL GREEN_PORT_GT1 23814	47.06 0.44 1.97	47.03 -0.72 3.69	47.31 -0.15 2.63	42.91 1.29 0.00	40.69 1.15 0.00	39.38 1.22 0.00	42.61 1.48 0.00	47.49 0.53 1.20	48.19 0.35 2.15	46.70 1.84 0.00	38.04 0.93 0.00	33.97 1.40 0.00	34.09 1.44 0.00	35.39 1.68 0.00	36.36 2.12 0.00	38.39 2.65 0.00	45.35 3.39 -0.13	53.01 1.62 4.36	74.86 3.43 0.00	76.62 3.85 0.00	68.86 3.40 0.00	59.95 2.25 0.06	54.21 2.42 0.69	49.71 2.87 0.21	46.55 3.30 0.14
GLOBE____DSASP 323697	45.34 -3.26 0.00	49.43 -2.01 0.00	47.38 -2.70 0.00	39.62 -2.00 0.00	37.61 -1.94 0.00	36.91 -1.26 0.00	38.92 -2.22 0.00	45.61 -2.55 0.00	45.89 -4.10 0.00	40.83 -4.04 0.00	35.33 -1.78 0.00	30.88 -1.69 0.00	30.93 -1.73 0.00	31.82 -1.89 0.00	32.36 -1.88 0.00	33.10 -2.65 0.00	37.61 -4.22 0.00	50.73 -5.02 0.00	65.58 -5.86 0.00	66.88 -5.89 0.00	59.31 -6.15 0.00	51.81 -5.95 0.00	46.71 -5.77 0.00	43.09 -3.95 0.00	40.57 -2.82 0.00
GOETHSLN____LBMP 323567	50.93 2.33 0.00	53.14 1.70 0.00	52.04 1.95 0.00	43.41 1.79 0.00	41.21 1.66 0.00	39.77 1.60 0.00	42.95 1.81 0.00	50.33 2.17 0.00	52.34 2.35 0.00	47.34 2.47 0.00	39.12 2.00 0.00	34.47 1.89 0.00	34.59 1.93 0.00	35.76 2.06 0.00	36.23 1.99 0.00	37.89 2.14 0.00	44.59 2.76 0.00	58.98 3.23 0.00	75.01 3.57 0.00	76.19 3.42 0.00	68.47 3.01 0.00	60.48 2.71 0.00	55.37 2.89 0.00	49.68 2.63 0.00	45.73 2.34 0.00
GOLAH____69_KV_TB 1_2 80279	47.58 -1.02 0.00	51.34 -0.10 0.00	49.44 -0.65 0.00	41.25 -0.37 0.00	39.11 -0.44 0.00	38.17 0.00 0.00	40.56 -0.58 0.00	47.49 -0.67 0.00	48.24 -1.75 0.00	43.07 -1.79 0.00	36.56 -0.56 0.00	31.93 -0.65 0.00	32.01 -0.65 0.00	32.97 -0.74 0.00	33.46 -0.79 0.00	34.46 -1.29 0.00	39.70 -2.13 0.00	53.52 -2.23 0.00	69.15 -2.29 0.00	70.51 -2.26 0.00	62.97 -2.49 0.00	55.28 -2.48 0.00	49.92 -2.57 0.00	45.45 -1.60 0.00	42.48 -0.91 0.00
GOODYEAR_LAKE_HYD 323669	50.11 1.51 0.00	52.98 1.54 0.00	51.64 1.55 0.00	42.95 1.33 0.00	40.73 1.19 0.00	39.39 1.22 0.00	42.50 1.36 0.00	49.80 1.64 0.00	51.54 1.55 0.00	46.13 1.26 0.00	38.08 0.96 0.00	33.39 0.81 0.00	33.51 0.85 0.00	34.62 0.91 0.00	35.07 0.82 0.00	36.60 0.86 0.00	43.04 1.21 0.00	57.70 1.95 0.00	74.01 2.57 0.00	75.46 2.69 0.00	67.82 2.36 0.00	59.78 2.02 0.00	54.32 1.84 0.00	48.65 1.60 0.00	44.82 1.43 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	48.89 0.29 0.00	51.96 0.51 0.00	50.49 0.40 0.00	42.00 0.37 0.00	39.90 0.36 0.00	38.63 0.46 0.00	41.47 0.33 0.00	48.59 0.43 0.00	50.19 0.20 0.00	45.00 0.13 0.00	37.45 0.33 0.00	32.84 0.26 0.00	32.92 0.26 0.00	33.94 0.24 0.00	34.48 0.24 0.00	35.85 0.11 0.00	41.79 -0.04 0.00	55.97 0.22 0.00	72.08 0.64 0.00	73.42 0.65 0.00	65.79 0.33 0.00	57.93 0.17 0.00	52.49 0.00 0.00	47.23 0.19 0.00	43.65 0.26 0.00

GOUDEY___7 23579	48.89 0.29 0.00	51.96 0.51 0.00	50.49 0.40 0.00	42.00 0.37 0.00	39.90 0.36 0.00	38.63 0.46 0.00	41.47 0.33 0.00	48.59 0.43 0.00	50.19 0.20 0.00	45.00 0.13 0.00	37.45 0.33 0.00	32.84 0.26 0.00	32.92 0.26 0.00	33.94 0.24 0.00	34.48 0.24 0.00	35.85 0.11 0.00	41.79 -0.04 0.00	55.97 0.22 0.00	72.08 0.64 0.00	73.42 0.65 0.00	65.79 0.33 0.00	57.93 0.17 0.00	52.49 0.00 0.00	47.23 0.19 0.00	43.65 0.26 0.00
GOUDEY___8 23580	48.89 0.29 0.00	51.96 0.51 0.00	50.49 0.40 0.00	42.00 0.37 0.00	39.90 0.36 0.00	38.63 0.46 0.00	41.47 0.33 0.00	48.59 0.43 0.00	50.19 0.20 0.00	45.00 0.13 0.00	37.45 0.33 0.00	32.84 0.26 0.00	32.92 0.26 0.00	33.94 0.24 0.00	34.48 0.24 0.00	35.85 0.11 0.00	41.79 -0.04 0.00	55.97 0.22 0.00	72.08 0.64 0.00	73.42 0.65 0.00	65.79 0.33 0.00	57.93 0.17 0.00	52.49 0.00 0.00	47.23 0.19 0.00	43.65 0.26 0.00
GOWANUS_GT1_1 24077	51.56 2.96 0.00	53.50 2.06 0.00	52.54 2.45 0.00	43.87 2.25 0.00	41.64 2.10 0.00	40.19 2.02 0.00	43.11 1.97 0.00	50.38 2.22 0.00	52.14 2.15 0.00	47.06 2.20 0.01	38.97 1.86 0.00	34.30 1.73 0.00	34.46 1.80 0.00	35.70 1.99 0.00	36.16 1.92 0.00	37.86 2.11 0.00	44.51 2.68 0.00	58.86 3.12 0.01	75.29 3.86 0.01	76.47 3.71 0.01	68.73 3.27 0.01	60.53 2.77 0.01	55.21 2.73 0.01	49.92 2.87 0.00	46.03 2.65 0.00
GOWANUS_GT1_2 24078	51.56 2.96 0.00	53.50 2.06 0.00	52.54 2.45 0.00	43.87 2.25 0.00	41.64 2.10 0.00	40.19 2.02 0.00	43.11 1.97 0.00	50.38 2.22 0.00	52.14 2.15 0.00	47.06 2.20 0.01	38.97 1.86 0.00	34.30 1.73 0.00	34.46 1.80 0.00	35.70 1.99 0.00	36.16 1.92 0.00	37.86 2.11 0.00	44.51 2.68 0.00	58.86 3.12 0.01	75.29 3.86 0.01	76.47 3.71 0.01	68.73 3.27 0.01	60.53 2.77 0.01	55.21 2.73 0.01	49.92 2.87 0.00	46.03 2.65 0.00
GOWANUS_GT1_3 24079	51.56 2.96 0.00	53.50 2.06 0.00	52.54 2.45 0.00	43.87 2.25 0.00	41.64 2.10 0.00	40.19 2.02 0.00	43.11 1.97 0.00	50.38 2.22 0.00	52.14 2.15 0.00	47.06 2.20 0.01	38.97 1.86 0.00	34.30 1.73 0.00	34.46 1.80 0.00	35.70 1.99 0.00	36.16 1.92 0.00	37.86 2.11 0.00	44.51 2.68 0.00	58.86 3.12 0.01	75.29 3.86 0.01	76.47 3.71 0.01	68.73 3.27 0.01	60.53 2.77 0.01	55.21 2.73 0.01	49.92 2.87 0.00	46.03 2.65 0.00
GOWANUS_GT1_4 24080	51.56 2.96 0.00	53.50 2.06 0.00	52.54 2.45 0.00	43.87 2.25 0.00	41.64 2.10 0.00	40.19 2.02 0.00	43.11 1.97 0.00	50.38 2.22 0.00	52.14 2.15 0.00	47.06 2.20 0.01	38.97 1.86 0.00	34.30 1.73 0.00	34.46 1.80 0.00	35.70 1.99 0.00	36.16 1.92 0.00	37.86 2.11 0.00	44.51 2.68 0.00	58.86 3.12 0.01	75.29 3.86 0.01	76.47 3.71 0.01	68.73 3.27 0.01	60.53 2.77 0.01	55.21 2.73 0.01	49.92 2.87 0.00	46.03 2.65 0.00
GOWANUS_GT1_5 24084	51.56 2.96 0.00	53.50 2.06 0.00	52.54 2.45 0.00	43.87 2.25 0.00	41.64 2.10 0.00	40.19 2.02 0.00	43.11 1.97 0.00	50.38 2.22 0.00	52.14 2.15 0.00	47.06 2.20 0.01	38.97 1.86 0.00	34.30 1.73 0.00	34.46 1.80 0.00	35.70 1.99 0.00	36.16 1.92 0.00	37.86 2.11 0.00	44.51 2.68 0.00	58.86 3.12 0.01	75.29 3.86 0.01	76.47 3.71 0.01	68.73 3.27 0.01	60.53 2.77 0.01	55.21 2.73 0.01	49.92 2.87 0.00	46.03 2.65 0.00
GOWANUS_GT1_6 24111	51.56 2.96 0.00	53.50 2.06 0.00	52.54 2.45 0.00	43.87 2.25 0.00	41.64 2.10 0.00	40.19 2.02 0.00	43.11 1.97 0.00	50.38 2.22 0.00	52.14 2.15 0.00	47.06 2.20 0.01	38.97 1.86 0.00	34.30 1.73 0.00	34.46 1.80 0.00	35.70 1.99 0.00	36.16 1.92 0.00	37.86 2.11 0.00	44.51 2.68 0.00	58.86 3.12 0.01	75.29 3.86 0.01	76.47 3.71 0.01	68.73 3.27 0.01	60.53 2.77 0.01	55.21 2.73 0.01	49.92 2.87 0.00	46.03 2.65 0.00
GOWANUS_GT1_7 24112	51.56 2.96 0.00	53.50 2.06 0.00	52.54 2.45 0.00	43.87 2.25 0.00	41.64 2.10 0.00	40.19 2.02 0.00	43.11 1.97 0.00	50.38 2.22 0.00	52.14 2.15 0.00	47.06 2.20 0.01	38.97 1.86 0.00	34.30 1.73 0.00	34.46 1.80 0.00	35.70 1.99 0.00	36.16 1.92 0.00	37.86 2.11 0.00	44.51 2.68 0.00	58.86 3.12 0.01	75.29 3.86 0.01	76.47 3.71 0.01	68.73 3.27 0.01	60.53 2.77 0.01	55.21 2.73 0.01	49.92 2.87 0.00	46.03 2.65 0.00
GOWANUS_GT1_8 24113	51.56 2.96 0.00	53.50 2.06 0.00	52.54 2.45 0.00	43.87 2.25 0.00	41.64 2.10 0.00	40.19 2.02 0.00	43.11 1.97 0.00	50.38 2.22 0.00	52.14 2.15 0.00	47.06 2.20 0.01	38.97 1.86 0.00	34.30 1.73 0.00	34.46 1.80 0.00	35.70 1.99 0.00	36.16 1.92 0.00	37.86 2.11 0.00	44.51 2.68 0.00	58.86 3.12 0.01	75.29 3.86 0.01	76.47 3.71 0.01	68.73 3.27 0.01	60.53 2.77 0.01	55.21 2.73 0.01	49.92 2.87 0.00	46.03 2.65 0.00
GOWANUS_GT2_1 24114	51.56 2.96 0.00	53.50 2.06 0.00	52.54 2.45 0.00	43.91 2.29 0.00	41.68 2.13 0.00	40.19 2.02 0.00	43.11 1.97 0.00	50.42 2.26 0.00	52.19 2.20 0.00	47.10 2.24 0.01	39.19 2.08 0.00	34.34 1.76 0.00	34.49 1.83 0.00	35.70 1.99 0.00	36.23 1.99 0.00	37.89 2.14 0.00	44.55 2.72 0.00	58.92 3.18 0.01	75.29 3.86 0.01	76.40 3.64 0.01	68.66 3.21 0.01	60.58 2.83 0.01	55.26 2.78 0.01	49.87 2.82 0.00	46.17 2.78 0.00
GOWANUS_GT2_2 24115	51.56 2.96 0.00	53.50 2.06 0.00	52.54 2.45 0.00	43.91 2.29 0.00	41.68 2.13 0.00	40.19 2.02 0.00	43.11 1.97 0.00	50.42 2.26 0.00	52.19 2.20 0.00	47.10 2.24 0.01	39.19 2.08 0.00	34.34 1.76 0.00	34.49 1.83 0.00	35.70 1.99 0.00	36.23 1.99 0.00	37.89 2.14 0.00	44.55 2.72 0.00	58.92 3.18 0.01	75.29 3.86 0.01	76.40 3.64 0.01	68.66 3.21 0.01	60.58 2.83 0.01	55.26 2.78 0.01	49.87 2.82 0.00	46.17 2.78 0.00
GOWANUS_GT2_3 24116	51.56 2.96 0.00	53.50 2.06 0.00	52.54 2.45 0.00	43.91 2.29 0.00	41.68 2.13 0.00	40.19 2.02 0.00	43.11 1.97 0.00	50.42 2.26 0.00	52.19 2.20 0.00	47.10 2.24 0.01	39.19 2.08 0.00	34.34 1.76 0.00	34.49 1.83 0.00	35.70 1.99 0.00	36.23 1.99 0.00	37.89 2.14 0.00	44.55 2.72 0.00	58.92 3.18 0.01	75.29 3.86 0.01	76.40 3.64 0.01	68.66 3.21 0.01	60.58 2.83 0.01	55.26 2.78 0.01	49.87 2.82 0.00	46.17 2.78 0.00
GOWANUS_GT2_4 24117	51.56 2.96 0.00	53.50 2.06 0.00	52.54 2.45 0.00	43.91 2.29 0.00	41.68 2.13 0.00	40.19 2.02 0.00	43.11 1.97 0.00	50.42 2.26 0.00	52.19 2.20 0.00	47.10 2.24 0.01	39.19 2.08 0.00	34.34 1.76 0.00	34.49 1.83 0.00	35.70 1.99 0.00	36.23 1.99 0.00	37.89 2.14 0.00	44.55 2.72 0.00	58.92 3.18 0.01	75.29 3.86 0.01	76.40 3.64 0.01	68.66 3.21 0.01	60.58 2.83 0.01	55.26 2.78 0.01	49.87 2.82 0.00	46.17 2.78 0.00
GOWANUS_GT2_5 24118	51.56 2.96 0.00	53.50 2.06 0.00	52.54 2.45 0.00	43.91 2.29 0.00	41.68 2.13 0.00	40.19 2.02 0.00	43.11 1.97 0.00	50.42 2.26 0.00	52.19 2.20 0.00	47.10 2.24 0.01	39.19 2.08 0.00	34.34 1.76 0.00	34.49 1.83 0.00	35.70 1.99 0.00	36.23 1.99 0.00	37.89 2.14 0.00	44.55 2.72 0.00	58.92 3.18 0.01	75.29 3.86 0.01	76.40 3.64 0.01	68.66 3.21 0.01	60.58 2.83 0.01	55.26 2.78 0.01	49.87 2.82 0.00	46.17 2.78 0.00

GOWANUS_GT2_6 24119	51.56 2.96 0.00	53.50 2.06 0.00	52.54 2.45 0.00	43.91 2.29 0.00	41.68 2.13 0.00	40.19 2.02 0.00	43.11 1.97 0.00	50.42 2.26 0.00	52.19 2.20 0.00	47.10 2.24 0.01	39.19 2.08 0.00	34.34 1.76 0.00	34.49 1.83 0.00	35.70 1.99 0.00	36.23 1.99 0.00	37.89 2.14 0.00	44.55 2.72 0.00	58.92 3.18 0.01	75.29 3.86 0.01	76.40 3.64 0.01	68.66 3.21 0.01	60.58 2.83 0.01	55.26 2.78 0.01	49.87 2.82 0.00	46.17 2.78 0.00
GOWANUS_GT2_7 24120	51.56 2.96 0.00	53.50 2.06 0.00	52.54 2.45 0.00	43.91 2.29 0.00	41.68 2.13 0.00	40.19 2.02 0.00	43.11 1.97 0.00	50.42 2.26 0.00	52.19 2.20 0.00	47.10 2.24 0.01	39.19 2.08 0.00	34.34 1.76 0.00	34.49 1.83 0.00	35.70 1.99 0.00	36.23 1.99 0.00	37.89 2.14 0.00	44.55 2.72 0.00	58.92 3.18 0.01	75.29 3.86 0.01	76.40 3.64 0.01	68.66 3.21 0.01	60.58 2.83 0.01	55.26 2.78 0.01	49.87 2.82 0.00	46.17 2.78 0.00
GOWANUS_GT2_8 24121	51.56 2.96 0.00	53.50 2.06 0.00	52.54 2.45 0.00	43.91 2.29 0.00	41.68 2.13 0.00	40.19 2.02 0.00	43.11 1.97 0.00	50.42 2.26 0.00	52.19 2.20 0.00	47.10 2.24 0.01	39.19 2.08 0.00	34.34 1.76 0.00	34.49 1.83 0.00	35.70 1.99 0.00	36.23 1.99 0.00	37.89 2.14 0.00	44.55 2.72 0.00	58.92 3.18 0.01	75.29 3.86 0.01	76.40 3.64 0.01	68.66 3.21 0.01	60.58 2.83 0.01	55.26 2.78 0.01	49.87 2.82 0.00	46.17 2.78 0.00
GOWANUS_GT3_1 24122	51.56 2.96 0.00	53.50 2.06 0.00	52.49 2.40 0.00	43.87 2.25 0.00	41.64 2.09 0.00	40.19 2.02 0.00	43.11 1.97 0.00	50.38 2.22 0.00	52.14 2.15 0.00	47.06 2.20 0.01	39.15 2.04 0.00	34.30 1.73 0.00	34.46 1.80 0.00	35.70 1.99 0.00	36.20 1.95 0.00	37.86 2.11 0.00	44.51 2.68 0.00	58.86 3.12 0.01	75.29 3.86 0.01	76.40 3.64 0.01	68.66 3.21 0.01	60.58 2.83 0.01	55.26 2.78 0.01	49.87 2.82 0.00	46.12 2.74 0.00
GOWANUS_GT3_2 24123	51.56 2.96 0.00	53.50 2.06 0.00	52.49 2.40 0.00	43.87 2.25 0.00	41.64 2.09 0.00	40.19 2.02 0.00	43.11 1.97 0.00	50.38 2.22 0.00	52.14 2.15 0.00	47.06 2.20 0.01	39.15 2.04 0.00	34.30 1.73 0.00	34.46 1.80 0.00	35.70 1.99 0.00	36.20 1.95 0.00	37.86 2.11 0.00	44.51 2.68 0.00	58.86 3.12 0.01	75.29 3.86 0.01	76.40 3.64 0.01	68.66 3.21 0.01	60.58 2.83 0.01	55.26 2.78 0.01	49.87 2.82 0.00	46.12 2.74 0.00
GOWANUS_GT3_3 24124	51.56 2.96 0.00	53.50 2.06 0.00	52.49 2.40 0.00	43.87 2.25 0.00	41.64 2.09 0.00	40.19 2.02 0.00	43.11 1.97 0.00	50.38 2.22 0.00	52.14 2.15 0.00	47.06 2.20 0.01	39.15 2.04 0.00	34.30 1.73 0.00	34.46 1.80 0.00	35.70 1.99 0.00	36.20 1.95 0.00	37.86 2.11 0.00	44.51 2.68 0.00	58.86 3.12 0.01	75.29 3.86 0.01	76.40 3.64 0.01	68.66 3.21 0.01	60.58 2.83 0.01	55.26 2.78 0.01	49.87 2.82 0.00	46.12 2.74 0.00
GOWANUS_GT3_4 24125	51.56 2.96 0.00	53.50 2.06 0.00	52.49 2.40 0.00	43.87 2.25 0.00	41.64 2.09 0.00	40.19 2.02 0.00	43.11 1.97 0.00	50.38 2.22 0.00	52.14 2.15 0.00	47.06 2.20 0.01	39.15 2.04 0.00	34.30 1.73 0.00	34.46 1.80 0.00	35.70 1.99 0.00	36.20 1.95 0.00	37.86 2.11 0.00	44.51 2.68 0.00	58.86 3.12 0.01	75.29 3.86 0.01	76.40 3.64 0.01	68.66 3.21 0.01	60.58 2.83 0.01	55.26 2.78 0.01	49.87 2.82 0.00	46.12 2.74 0.00
GOWANUS_GT3_5 24126	51.56 2.96 0.00	53.50 2.06 0.00	52.49 2.40 0.00	43.87 2.25 0.00	41.64 2.09 0.00	40.19 2.02 0.00	43.11 1.97 0.00	50.38 2.22 0.00	52.14 2.15 0.00	47.06 2.20 0.01	39.15 2.04 0.00	34.30 1.73 0.00	34.46 1.80 0.00	35.70 1.99 0.00	36.20 1.95 0.00	37.86 2.11 0.00	44.51 2.68 0.00	58.86 3.12 0.01	75.29 3.86 0.01	76.40 3.64 0.01	68.66 3.21 0.01	60.58 2.83 0.01	55.26 2.78 0.01	49.87 2.82 0.00	46.12 2.74 0.00
GOWANUS_GT3_6 24127	51.56 2.96 0.00	53.50 2.06 0.00	52.49 2.40 0.00	43.87 2.25 0.00	41.64 2.09 0.00	40.19 2.02 0.00	43.11 1.97 0.00	50.38 2.22 0.00	52.14 2.15 0.00	47.06 2.20 0.01	39.15 2.04 0.00	34.30 1.73 0.00	34.46 1.80 0.00	35.70 1.99 0.00	36.20 1.95 0.00	37.86 2.11 0.00	44.51 2.68 0.00	58.86 3.12 0.01	75.29 3.86 0.01	76.40 3.64 0.01	68.66 3.21 0.01	60.58 2.83 0.01	55.26 2.78 0.01	49.87 2.82 0.00	46.12 2.74 0.00
GOWANUS_GT3_7 24128	51.56 2.96 0.00	53.50 2.06 0.00	52.49 2.40 0.00	43.87 2.25 0.00	41.64 2.09 0.00	40.19 2.02 0.00	43.11 1.97 0.00	50.38 2.22 0.00	52.14 2.15 0.00	47.06 2.20 0.01	39.15 2.04 0.00	34.30 1.73 0.00	34.46 1.80 0.00	35.70 1.99 0.00	36.20 1.95 0.00	37.86 2.11 0.00	44.51 2.68 0.00	58.86 3.12 0.01	75.29 3.86 0.01	76.40 3.64 0.01	68.66 3.21 0.01	60.58 2.83 0.01	55.26 2.78 0.01	49.87 2.82 0.00	46.12 2.74 0.00
GOWANUS_GT3_8 24129	51.56 2.96 0.00	53.50 2.06 0.00	52.49 2.40 0.00	43.87 2.25 0.00	41.64 2.09 0.00	40.19 2.02 0.00	43.11 1.97 0.00	50.38 2.22 0.00	52.14 2.15 0.00	47.06 2.20 0.01	39.15 2.04 0.00	34.30 1.73 0.00	34.46 1.80 0.00	35.70 1.99 0.00	36.20 1.95 0.00	37.86 2.11 0.00	44.51 2.68 0.00	58.86 3.12 0.01	75.29 3.86 0.01	76.40 3.64 0.01	68.66 3.21 0.01	60.58 2.83 0.01	55.26 2.78 0.01	49.87 2.82 0.00	46.12 2.74 0.00
GOWANUS_GT4_1 24130	51.56 2.96 0.00	53.50 2.06 0.00	52.54 2.45 0.00	43.91 2.29 0.00	41.68 2.14 0.00	40.19 2.02 0.00	43.11 1.97 0.00	50.38 2.22 0.00	52.19 2.20 0.00	47.11 2.24 0.01	39.01 1.89 0.00	34.34 1.76 0.00	34.49 1.83 0.00	35.70 1.99 0.00	36.20 1.95 0.00	37.89 2.14 0.00	44.55 2.72 0.00	58.86 3.12 0.01	75.36 3.93 0.01	76.55 3.78 0.01	68.73 3.27 0.01	60.53 2.77 0.01	55.21 2.73 0.01	49.96 2.92 0.00	46.08 2.69 0.00
GOWANUS_GT4_2 24131	51.56 2.96 0.00	53.50 2.06 0.00	52.54 2.45 0.00	43.91 2.29 0.00	41.68 2.14 0.00	40.19 2.02 0.00	43.11 1.97 0.00	50.38 2.22 0.00	52.19 2.20 0.00	47.11 2.24 0.01	39.01 1.89 0.00	34.34 1.76 0.00	34.49 1.83 0.00	35.70 1.99 0.00	36.20 1.95 0.00	37.89 2.14 0.00	44.55 2.72 0.00	58.86 3.12 0.01	75.36 3.93 0.01	76.55 3.78 0.01	68.73 3.27 0.01	60.53 2.77 0.01	55.21 2.73 0.01	49.96 2.92 0.00	46.08 2.69 0.00
GOWANUS_GT4_3 24132	51.56 2.96 0.00	53.50 2.06 0.00	52.54 2.45 0.00	43.91 2.29 0.00	41.68 2.14 0.00	40.19 2.02 0.00	43.11 1.97 0.00	50.38 2.22 0.00	52.19 2.20 0.00	47.11 2.24 0.01	39.01 1.89 0.00	34.34 1.76 0.00	34.49 1.83 0.00	35.70 1.99 0.00	36.20 1.95 0.00	37.89 2.14 0.00	44.55 2.72 0.00	58.86 3.12 0.01	75.36 3.93 0.01	76.55 3.78 0.01	68.73 3.27 0.01	60.53 2.77 0.01	55.21 2.73 0.01	49.96 2.92 0.00	46.08 2.69 0.00
GOWANUS_GT4_4 24133	51.56 2.96 0.00	53.50 2.06 0.00	52.54 2.45 0.00	43.91 2.29 0.00	41.68 2.14 0.00	40.19 2.02 0.00	43.11 1.97 0.00	50.38 2.22 0.00	52.19 2.20 0.00	47.11 2.24 0.01	39.01 1.89 0.00	34.34 1.76 0.00	34.49 1.83 0.00	35.70 1.99 0.00	36.20 1.95 0.00	37.89 2.14 0.00	44.55 2.72 0.00	58.86 3.12 0.01	75.36 3.93 0.01	76.55 3.78 0.01	68.73 3.27 0.01	60.53 2.77 0.01	55.21 2.73 0.01	49.96 2.92 0.00	46.08 2.69 0.00

GOWANUS_GT4_5 24134	51.56 2.96 0.00	53.50 2.06 0.00	52.54 2.45 0.00	43.91 2.29 0.00	41.68 2.14 0.00	40.19 2.02 0.00	43.11 1.97 0.00	50.38 2.22 0.00	52.19 2.20 0.00	47.11 2.24 0.01	39.01 1.89 0.00	34.34 1.76 0.00	34.49 1.83 0.00	35.70 1.99 0.00	36.20 1.95 0.00	37.89 2.14 0.00	44.55 2.72 0.00	58.86 3.12 0.01	75.36 3.93 0.01	76.55 3.78 0.01	68.73 3.27 0.01	60.53 2.77 0.01	55.21 2.73 0.01	49.96 2.92 0.00	46.08 2.69 0.00
GOWANUS_GT4_6 24135	51.56 2.96 0.00	53.50 2.06 0.00	52.54 2.45 0.00	43.91 2.29 0.00	41.68 2.14 0.00	40.19 2.02 0.00	43.11 1.97 0.00	50.38 2.22 0.00	52.19 2.20 0.00	47.11 2.24 0.01	39.01 1.89 0.00	34.34 1.76 0.00	34.49 1.83 0.00	35.70 1.99 0.00	36.20 1.95 0.00	37.89 2.14 0.00	44.55 2.72 0.00	58.86 3.12 0.01	75.36 3.93 0.01	76.55 3.78 0.01	68.73 3.27 0.01	60.53 2.77 0.01	55.21 2.73 0.01	49.96 2.92 0.00	46.08 2.69 0.00
GOWANUS_GT4_7 24136	51.56 2.96 0.00	53.50 2.06 0.00	52.54 2.45 0.00	43.91 2.29 0.00	41.68 2.14 0.00	40.19 2.02 0.00	43.11 1.97 0.00	50.38 2.22 0.00	52.19 2.20 0.00	47.11 2.24 0.01	39.01 1.89 0.00	34.34 1.76 0.00	34.49 1.83 0.00	35.70 1.99 0.00	36.20 1.95 0.00	37.89 2.14 0.00	44.55 2.72 0.00	58.86 3.12 0.01	75.36 3.93 0.01	76.55 3.78 0.01	68.73 3.27 0.01	60.53 2.77 0.01	55.21 2.73 0.01	49.96 2.92 0.00	46.08 2.69 0.00
GOWANUS_GT4_8 24137	51.56 2.96 0.00	53.50 2.06 0.00	52.54 2.45 0.00	43.91 2.29 0.00	41.68 2.14 0.00	40.19 2.02 0.00	43.11 1.97 0.00	50.38 2.22 0.00	52.19 2.20 0.00	47.11 2.24 0.01	39.01 1.89 0.00	34.34 1.76 0.00	34.49 1.83 0.00	35.70 1.99 0.00	36.20 1.95 0.00	37.89 2.14 0.00	44.55 2.72 0.00	58.86 3.12 0.01	75.36 3.93 0.01	76.55 3.78 0.01	68.73 3.27 0.01	60.53 2.77 0.01	55.21 2.73 0.01	49.96 2.92 0.00	46.08 2.69 0.00
GREATVRV_69_KV_BK1 356245	47.86 1.07 1.81	47.84 -0.10 3.50	47.92 0.25 2.42	43.87 2.25 0.00	41.56 2.02 0.00	40.19 2.02 0.00	43.56 2.43 0.00	47.69 0.63 1.10	48.46 0.50 2.03	47.42 2.56 0.00	38.52 1.41 0.00	34.46 1.89 0.00	34.65 1.99 0.00	35.96 2.26 0.00	36.67 2.43 0.00	38.93 3.18 0.00	45.52 3.47 -0.22	53.27 1.62 4.09	76.15 4.72 0.00	77.72 4.95 0.00	69.71 4.25 0.00	59.78 2.08 0.06	54.48 2.62 0.64	49.75 2.87 0.17	46.48 3.17 0.08
GREENBSH_115KV_TB3 55895	49.43 0.83 0.00	52.11 0.67 0.00	50.89 0.80 0.00	42.16 0.54 0.00	40.02 0.47 0.00	38.51 0.34 0.00	41.63 0.49 0.00	48.74 0.58 0.00	50.89 0.90 0.00	45.68 0.81 0.00	37.60 0.48 0.00	32.97 0.39 0.00	33.02 0.36 0.00	34.11 0.40 0.00	34.79 0.55 0.00	36.46 0.71 0.00	42.75 0.92 0.00	56.86 1.11 0.00	72.87 1.43 0.00	74.23 1.46 0.00	66.90 1.44 0.00	58.97 1.21 0.00	53.69 1.21 0.00	47.94 0.89 0.00	44.17 0.78 0.00
GREENDGE_115KV_TB5 80291	48.02 -0.58 0.00	51.54 0.10 0.00	49.79 -0.30 0.00	41.83 0.21 0.00	39.70 0.16 0.00	38.66 0.50 0.00	41.18 0.04 0.00	48.06 -0.10 0.00	49.19 -0.80 0.00	44.20 -0.67 0.00	37.11 0.00 0.00	32.41 -0.16 0.00	32.43 -0.23 0.00	33.37 -0.34 0.00	33.94 -0.31 0.00	35.07 -0.68 0.00	40.66 -1.17 0.00	54.58 -1.17 0.00	70.94 -0.50 0.00	72.55 -0.22 0.00	64.61 -0.85 0.00	56.61 -1.16 0.00	50.96 -1.52 0.00	46.43 -0.61 0.00	43.04 -0.35 0.00
GREENIDGE___3 23582	48.02 -0.58 0.00	51.54 0.10 0.00	49.79 -0.30 0.00	41.83 0.21 0.00	39.70 0.16 0.00	38.66 0.50 0.00	41.18 0.04 0.00	48.06 -0.10 0.00	49.19 -0.80 0.00	44.20 -0.67 0.00	37.11 0.00 0.00	32.41 -0.16 0.00	32.43 -0.23 0.00	33.37 -0.34 0.00	33.94 -0.31 0.00	35.07 -0.68 0.00	40.66 -1.17 0.00	54.58 -1.17 0.00	70.94 -0.50 0.00	72.55 -0.22 0.00	64.61 -0.85 0.00	56.61 -1.16 0.00	50.96 -1.52 0.00	46.43 -0.61 0.00	43.04 -0.35 0.00
GREENIDGE___4 23583	48.02 -0.58 0.00	51.54 0.10 0.00	49.79 -0.30 0.00	41.83 0.21 0.00	39.70 0.16 0.00	38.66 0.49 0.00	41.18 0.04 0.00	47.87 -0.29 0.00	49.19 -0.80 0.00	44.20 -0.67 0.00	36.74 -0.37 0.00	32.42 -0.16 0.00	32.43 -0.23 0.00	33.37 -0.34 0.00	33.83 -0.41 0.00	35.07 -0.68 0.00	40.66 -1.17 0.00	54.41 -1.34 0.00	71.01 -0.43 0.00	72.62 -0.15 0.00	64.61 -0.85 0.00	56.61 -1.15 0.00	50.76 -1.73 0.00	46.39 -0.66 0.00	43.04 -0.35 0.00
GREENLWN_69_KV_BK 3 55738	47.85 1.12 1.87	47.87 0.00 3.57	47.89 0.30 2.50	43.28 1.66 0.00	41.01 1.46 0.00	39.65 1.49 0.00	42.99 1.85 0.00	47.75 0.72 1.14	48.46 0.55 2.07	46.88 2.02 0.00	38.19 1.08 0.00	34.14 1.56 0.00	34.32 1.67 0.00	35.63 1.92 0.00	36.33 2.09 0.00	38.50 2.75 0.00	45.53 3.51 -0.18	52.78 1.23 4.19	74.22 2.79 0.00	75.68 2.91 0.00	67.94 2.49 0.00	59.20 1.50 0.06	53.98 2.15 0.66	49.45 2.59 0.18	46.45 3.17 0.10
GREENWD_138_KV_38B11_REV_LBMP_J 345004	51.56 2.96 0.00	53.50 2.06 0.00	52.54 2.45 0.00	43.91 2.29 0.00	41.68 2.14 0.00	40.19 2.02 0.00	43.11 1.97 0.00	50.38 2.22 0.00	52.19 2.20 0.00	47.11 2.24 0.01	39.01 1.89 0.00	34.34 1.76 0.00	34.49 1.83 0.00	35.70 1.99 0.00	36.20 1.95 0.00	37.89 2.14 0.00	44.55 2.72 0.00	58.86 3.12 0.01	75.36 3.93 0.01	76.55 3.78 0.01	68.73 3.27 0.01	60.53 2.77 0.01	55.21 2.73 0.01	49.96 2.92 0.00	46.08 2.69 0.00
GRISSOM___SOLAR 323813	50.59 1.99 0.00	53.50 2.06 0.00	52.14 2.05 0.00	43.29 1.67 0.00	41.09 1.54 0.00	39.58 1.41 0.00	42.83 1.69 0.00	50.14 1.98 0.00	51.59 1.60 0.00	45.45 0.58 0.00	37.11 0.00 0.00	32.32 -0.26 0.00	32.33 -0.33 0.00	33.44 -0.27 0.00	34.14 -0.10 0.00	35.93 0.18 0.00	42.79 0.96 0.00	58.09 2.34 0.00	75.01 3.57 0.00	76.55 3.78 0.00	68.93 3.47 0.00	60.76 3.00 0.00	55.11 2.62 0.00	49.11 2.07 0.00	45.21 1.82 0.00
GROVEVILLE___HYD 323602	51.18 2.58 0.00	53.65 2.21 0.00	52.44 2.35 0.00	43.66 2.04 0.00	41.44 1.90 0.00	39.96 1.79 0.00	43.11 1.97 0.00	50.52 2.36 0.00	52.39 2.40 0.00	47.29 2.42 0.00	38.93 1.82 0.00	34.24 1.66 0.00	34.36 1.70 0.00	35.56 1.85 0.00	36.09 1.85 0.00	37.82 2.07 0.00	44.55 2.72 0.00	59.20 3.46 0.00	75.73 4.29 0.00	76.92 4.15 0.00	69.13 3.67 0.00	60.94 3.18 0.00	55.58 3.10 0.00	49.82 2.78 0.00	45.86 2.47 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	48.02 -0.58 0.00	50.93 -0.51 0.00	49.54 -0.55 0.00	41.16 -0.46 0.00	39.15 -0.40 0.00	37.86 -0.31 0.00	40.69 -0.45 0.00	47.63 -0.53 0.00	49.34 -0.65 0.00	44.33 -0.54 0.00	36.78 -0.33 0.00	32.32 -0.26 0.00	32.37 -0.29 0.00	33.37 -0.34 0.00	33.90 -0.34 0.00	35.28 -0.46 0.00	41.20 -0.63 0.00	55.14 -0.61 0.00	70.87 -0.57 0.00	72.19 -0.58 0.00	64.81 -0.65 0.00	57.18 -0.58 0.00	51.86 -0.63 0.00	46.58 -0.47 0.00	43.00 -0.39 0.00
HAMLTNNY_34_KV_TB 80303	48.07 -0.53 0.00	51.03 -0.41 0.00	49.59 -0.50 0.00	41.25 -0.37 0.00	39.19 -0.36 0.00	37.94 -0.23 0.00	40.73 -0.41 0.00	47.73 -0.43 0.00	49.34 -0.65 0.00	44.33 -0.54 0.00	36.82 -0.30 0.00	32.32 -0.26 0.00	32.37 -0.29 0.00	33.37 -0.34 0.00	33.90 -0.34 0.00	35.28 -0.46 0.00	41.16 -0.67 0.00	55.14 -0.61 0.00	70.94 -0.50 0.00	72.33 -0.44 0.00	64.87 -0.59 0.00	57.18 -0.58 0.00	51.86 -0.63 0.00	46.58 -0.47 0.00	43.04 -0.35 0.00

HAMPSHIRE___PAPER_HYD 323593	49.67 1.07 0.00	52.73 1.29 0.00	51.14 1.05 0.00	42.66 1.04 0.00	40.49 0.95 0.00	39.16 0.99 0.00	42.17 1.03 0.00	49.41 1.25 0.00	51.14 1.15 0.00	45.63 0.76 0.00	37.52 0.41 0.00	32.90 0.33 0.00	33.05 0.39 0.00	34.08 0.37 0.00	34.52 0.27 0.00	36.03 0.28 0.00	42.21 0.38 0.00	56.47 0.72 0.00	72.58 1.14 0.00	74.22 1.45 0.00	66.97 1.51 0.00	59.21 1.44 0.00	53.80 1.31 0.00	48.22 1.18 0.00	44.25 0.87 0.00
HARDSCRABBLE_WT_PWR 323673	49.57 0.97 0.00	52.57 1.13 0.00	51.24 1.15 0.00	42.58 0.96 0.00	40.46 0.91 0.00	39.08 0.91 0.00	42.17 1.03 0.00	49.31 1.15 0.00	51.19 1.20 0.00	45.90 1.03 0.00	37.93 0.82 0.00	33.26 0.69 0.00	33.35 0.69 0.00	34.42 0.71 0.00	34.93 0.68 0.00	36.46 0.71 0.00	42.75 0.92 0.00	57.08 1.34 0.00	73.23 1.79 0.00	74.74 1.97 0.00	67.29 1.83 0.00	59.32 1.56 0.00	53.90 1.42 0.00	48.22 1.18 0.00	44.47 1.09 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	51.13 2.53 0.00	53.50 2.06 0.00	52.34 2.25 0.00	43.62 2.00 0.00	41.36 1.82 0.00	39.89 1.72 0.00	43.07 1.93 0.00	50.47 2.31 0.00	52.34 2.35 0.00	47.25 2.38 0.00	38.97 1.86 0.00	34.27 1.69 0.00	34.39 1.73 0.00	35.63 1.92 0.00	36.13 1.88 0.00	37.82 2.07 0.00	44.55 2.72 0.00	59.15 3.40 0.00	75.58 4.14 0.00	76.85 4.08 0.00	69.00 3.53 0.00	60.82 3.06 0.00	55.53 3.04 0.00	49.77 2.73 0.00	45.82 2.43 0.00
HARSNRAD_115KV_TB1 81005	46.41 -2.19 0.00	50.51 -0.93 0.00	48.43 -1.65 0.00	40.66 -0.96 0.00	38.56 -0.99 0.00	37.86 -0.31 0.00	39.90 -1.23 0.00	46.62 -1.54 0.00	46.79 -3.20 0.00	41.64 -3.23 0.00	35.93 -1.19 0.00	31.40 -1.17 0.00	31.42 -1.24 0.00	32.36 -1.35 0.00	32.91 -1.34 0.00	33.67 -2.07 0.00	38.32 -3.51 0.00	51.79 -3.96 0.00	67.01 -4.43 0.00	68.40 -4.37 0.00	60.68 -4.78 0.00	52.97 -4.79 0.00	47.71 -4.78 0.00	44.03 -3.01 0.00	41.65 -1.74 0.00
HARZA MOOSE___RIVER 24016	49.47 0.87 0.00	52.47 1.03 0.00	50.94 0.85 0.00	42.45 0.83 0.00	40.30 0.75 0.00	38.97 0.80 0.00	42.00 0.86 0.00	49.22 1.06 0.00	50.94 0.95 0.00	45.50 0.63 0.00	37.49 0.37 0.00	32.81 0.23 0.00	32.95 0.29 0.00	33.98 0.27 0.00	34.45 0.21 0.00	35.93 0.18 0.00	42.21 0.38 0.00	56.58 0.84 0.00	72.80 1.36 0.00	74.44 1.67 0.00	67.03 1.57 0.00	59.03 1.27 0.00	53.64 1.15 0.00	47.99 0.94 0.00	44.17 0.78 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	47.68 -0.92 0.00	50.57 -0.87 0.00	49.19 -0.90 0.00	40.87 -0.75 0.00	38.83 -0.71 0.00	37.56 -0.61 0.00	40.40 -0.74 0.00	47.29 -0.87 0.00	48.99 -1.00 0.00	43.97 -0.90 0.00	36.52 -0.59 0.00	32.09 -0.49 0.00	32.17 -0.49 0.00	33.17 -0.54 0.00	33.70 -0.55 0.00	35.10 -0.64 0.00	40.95 -0.88 0.00	54.74 -1.00 0.00	70.37 -1.07 0.00	71.68 -1.09 0.00	64.35 -1.11 0.00	56.72 -1.04 0.00	51.49 -1.00 0.00	46.20 -0.85 0.00	42.69 -0.69 0.00
HELLGATE_13_KV_LD 55870	51.47 2.87 0.00	53.55 2.11 0.00	52.49 2.40 0.00	43.83 2.21 0.00	41.64 2.10 0.00	40.15 1.98 0.00	43.15 2.02 0.00	50.47 2.31 0.00	52.34 2.35 0.00	47.28 2.42 0.01	39.19 2.08 0.00	34.50 1.92 0.00	34.65 1.99 0.00	35.86 2.16 0.00	36.33 2.09 0.00	38.00 2.25 0.00	44.68 2.84 0.00	58.97 3.23 0.01	75.15 3.71 0.01	76.33 3.57 0.01	68.59 3.14 0.01	60.53 2.77 0.01	55.37 2.89 0.01	49.96 2.92 0.00	46.08 2.69 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_G 345018	51.47 2.87 0.00	53.55 2.11 0.00	52.49 2.40 0.00	43.83 2.21 0.00	41.64 2.10 0.00	40.15 1.98 0.00	43.15 2.02 0.00	50.47 2.31 0.00	52.34 2.35 0.00	47.28 2.42 0.01	39.19 2.08 0.00	34.50 1.92 0.00	34.65 1.99 0.00	35.86 2.16 0.00	36.33 2.09 0.00	38.00 2.25 0.00	44.68 2.84 0.00	58.97 3.23 0.01	75.15 3.71 0.01	76.33 3.57 0.01	68.59 3.14 0.01	60.53 2.77 0.01	55.37 2.89 0.01	49.96 2.92 0.00	46.08 2.69 0.00
HEMPSTEAD___ 23647	49.86 1.70 0.44	50.37 0.72 1.79	50.44 1.00 0.65	43.55 1.92 -0.01	41.30 1.74 -0.01	39.90 1.72 -0.01	43.17 2.02 -0.01	49.34 1.44 0.26	50.25 1.25 0.99	47.17 2.29 -0.01	38.68 1.56 -0.01	34.35 1.76 -0.01	34.50 1.83 -0.01	35.81 2.09 -0.01	36.48 2.22 -0.01	38.47 2.72 -0.01	46.09 3.43 -0.82	56.22 2.23 1.76	74.81 3.36 -0.01	76.27 3.49 -0.01	68.49 3.01 -0.01	59.95 2.19 0.00	54.70 2.36 0.15	49.95 2.78 -0.12	46.90 3.17 -0.35
HICKLING___1 23621	48.02 -0.58 0.00	51.85 0.41 0.00	49.94 -0.15 0.00	41.79 0.17 0.00	39.66 0.12 0.00	38.78 0.61 0.00	41.06 -0.08 0.00	48.16 0.00 0.00	49.09 -0.90 0.00	43.84 -1.03 0.00	37.11 0.00 0.00	32.45 -0.13 0.00	32.43 -0.23 0.00	33.40 -0.30 0.00	33.94 -0.31 0.00	34.92 -0.82 0.00	40.24 -1.59 0.00	54.35 -1.39 0.00	70.80 -0.64 0.00	72.26 -0.51 0.00	64.15 -1.31 0.00	56.09 -1.68 0.00	50.39 -2.10 0.00	45.92 -1.13 0.00	42.61 -0.78 0.00
HICKLING___2 23622	48.02 -0.58 0.00	51.85 0.41 0.00	49.94 -0.15 0.00	41.79 0.17 0.00	39.66 0.12 0.00	38.78 0.61 0.00	41.06 -0.08 0.00	48.16 0.00 0.00	49.09 -0.90 0.00	43.84 -1.03 0.00	37.11 0.00 0.00	32.45 -0.13 0.00	32.43 -0.23 0.00	33.40 -0.30 0.00	33.94 -0.31 0.00	34.92 -0.82 0.00	40.24 -1.59 0.00	54.35 -1.39 0.00	70.80 -0.64 0.00	72.26 -0.51 0.00	64.15 -1.31 0.00	56.09 -1.68 0.00	50.39 -2.10 0.00	45.92 -1.13 0.00	42.61 -0.78 0.00
HIGH FALLS___HY 23754	51.32 2.72 0.00	53.81 2.37 0.00	52.59 2.50 0.00	43.83 2.21 0.00	41.56 2.02 0.00	40.11 1.95 0.00	43.28 2.14 0.00	50.71 2.55 0.00	52.54 2.55 0.00	47.43 2.56 0.00	39.04 1.93 0.00	34.30 1.73 0.00	34.39 1.73 0.00	35.63 1.92 0.00	36.13 1.88 0.00	37.82 2.07 0.00	44.59 2.76 0.00	59.37 3.62 0.00	76.01 4.57 0.00	77.28 4.51 0.00	69.39 3.93 0.00	61.17 3.41 0.00	55.79 3.31 0.00	50.01 2.96 0.00	45.99 2.60 0.00
HIGH_RIVER___SOLAR 323847	50.35 1.75 0.00	53.24 1.80 0.00	51.89 1.80 0.00	43.08 1.46 0.00	40.89 1.35 0.00	39.43 1.26 0.00	42.62 1.48 0.00	49.89 1.73 0.00	51.29 1.30 0.00	45.23 0.36 0.00	37.08 -0.04 0.00	32.32 -0.26 0.00	32.40 -0.26 0.00	33.47 -0.23 0.00	34.14 -0.10 0.00	35.82 0.07 0.00	42.42 0.59 0.00	57.70 1.95 0.00	74.58 3.14 0.00	76.12 3.35 0.00	68.54 3.08 0.00	60.42 2.66 0.00	54.79 2.31 0.00	48.88 1.83 0.00	45.04 1.65 0.00
HILLBURN___GT 23639	51.03 2.43 0.00	53.40 1.95 0.00	52.29 2.20 0.00	43.54 1.92 0.00	41.33 1.78 0.00	39.85 1.68 0.00	43.03 1.89 0.00	50.42 2.26 0.00	52.34 2.35 0.00	47.20 2.33 0.00	39.15 2.04 0.00	34.34 1.76 0.00	34.46 1.80 0.00	35.66 1.95 0.00	36.16 1.92 0.00	37.82 2.07 0.00	44.51 2.68 0.00	59.09 3.34 0.00	75.37 3.93 0.00	76.55 3.78 0.00	68.80 3.34 0.00	60.76 3.00 0.00	55.48 2.99 0.00	49.68 2.63 0.00	45.86 2.47 0.00
HILLSIDE_115KV_TB1 80332	47.38 -1.22 0.00	51.13 -0.31 0.00	49.29 -0.80 0.00	41.25 -0.37 0.00	39.11 -0.44 0.00	38.24 0.08 0.00	40.52 -0.62 0.00	47.53 -0.63 0.00	48.49 -1.50 0.00	43.25 -1.62 0.00	36.67 -0.45 0.00	32.09 -0.49 0.00	32.10 -0.56 0.00	33.03 -0.67 0.00	33.56 -0.68 0.00	34.53 -1.22 0.00	39.78 -2.05 0.00	53.69 -2.06 0.00	69.87 -1.57 0.00	71.31 -1.46 0.00	63.30 -2.16 0.00	55.39 -2.37 0.00	49.81 -2.68 0.00	45.35 -1.69 0.00	42.09 -1.30 0.00

HISHELDN_WT_PWR 323625	46.95 -1.65 0.00	50.98 -0.46 0.00	48.94 -1.15 0.00	41.00 -0.62 0.00	38.87 -0.67 0.00	38.09 -0.08 0.00	40.23 -0.91 0.00	46.86 -1.30 0.00	47.64 -2.35 0.00	42.40 -2.47 0.00	35.59 -1.52 0.00	31.73 -0.85 0.00	31.75 -0.91 0.00	32.70 -1.01 0.00	33.04 -1.20 0.00	34.07 -1.68 0.00	38.94 -2.89 0.00	52.40 -3.34 0.00	68.44 -3.00 0.00	70.00 -2.77 0.00	61.99 -3.47 0.00	54.01 -3.75 0.00	48.13 -4.36 0.00	44.55 -2.49 0.00	41.69 -1.69 0.00
HOLTSVILLE_IC_1 23690	47.49 0.88 1.98	47.44 -0.31 3.70	47.50 0.05 2.64	43.03 1.42 0.00	40.81 1.27 0.00	39.42 1.26 0.00	42.74 1.60 0.00	47.58 0.62 1.20	48.19 0.35 2.16	46.61 1.75 0.00	38.11 1.00 0.00	33.94 1.37 0.00	34.13 1.47 0.00	35.45 1.75 0.00	36.33 2.09 0.00	38.35 2.61 0.00	45.26 3.30 -0.13	52.66 1.28 4.37	74.00 2.57 0.00	75.53 2.76 0.00	67.88 2.42 0.00	59.20 1.50 0.06	53.52 1.73 0.70	49.19 2.35 0.21	46.15 2.91 0.14
HOLTSVILLE_IC_10 23699	47.63 0.97 1.94	47.58 -0.20 3.65	47.65 0.15 2.59	43.16 1.54 0.00	40.89 1.35 0.00	39.54 1.37 0.00	42.86 1.73 0.00	47.66 0.67 1.18	48.31 0.45 2.13	46.75 1.88 0.00	38.19 1.08 0.00	34.04 1.47 0.00	34.19 1.54 0.00	35.52 1.82 0.00	36.43 2.19 0.00	38.46 2.72 0.00	45.37 3.39 -0.15	52.89 1.45 4.31	74.30 2.86 0.00	75.89 3.13 0.00	68.21 2.75 0.00	59.43 1.73 0.06	53.75 1.94 0.68	49.29 2.44 0.20	46.30 3.04 0.13
HOLTSVILLE_IC_2 23691	47.49 0.88 1.98	47.44 -0.31 3.70	47.50 0.05 2.64	43.03 1.42 0.00	40.81 1.27 0.00	39.42 1.26 0.00	42.74 1.60 0.00	47.58 0.62 1.20	48.19 0.35 2.16	46.61 1.75 0.00	38.11 1.00 0.00	33.94 1.37 0.00	34.13 1.47 0.00	35.45 1.75 0.00	36.33 2.09 0.00	38.35 2.61 0.00	45.26 3.30 -0.13	52.66 1.28 4.37	74.00 2.57 0.00	75.53 2.76 0.00	67.88 2.42 0.00	59.20 1.50 0.06	53.52 1.73 0.70	49.19 2.35 0.21	46.15 2.91 0.14
HOLTSVILLE_IC_3 23692	47.49 0.88 1.98	47.44 -0.31 3.70	47.50 0.05 2.64	43.03 1.42 0.00	40.81 1.27 0.00	39.42 1.26 0.00	42.74 1.60 0.00	47.58 0.62 1.20	48.19 0.35 2.16	46.61 1.75 0.00	38.11 1.00 0.00	33.94 1.37 0.00	34.13 1.47 0.00	35.45 1.75 0.00	36.33 2.09 0.00	38.35 2.61 0.00	45.26 3.30 -0.13	52.66 1.28 4.37	74.00 2.57 0.00	75.53 2.76 0.00	67.88 2.42 0.00	59.20 1.50 0.06	53.52 1.73 0.70	49.19 2.35 0.21	46.15 2.91 0.14
HOLTSVILLE_IC_4 23693	47.49 0.88 1.98	47.44 -0.31 3.70	47.50 0.05 2.64	43.03 1.42 0.00	40.81 1.27 0.00	39.42 1.26 0.00	42.74 1.60 0.00	47.58 0.62 1.20	48.19 0.35 2.16	46.61 1.75 0.00	38.11 1.00 0.00	33.94 1.37 0.00	34.13 1.47 0.00	35.45 1.75 0.00	36.33 2.09 0.00	38.35 2.61 0.00	45.26 3.30 -0.13	52.66 1.28 4.37	74.00 2.57 0.00	75.53 2.76 0.00	67.88 2.42 0.00	59.20 1.50 0.06	53.52 1.73 0.70	49.19 2.35 0.21	46.15 2.91 0.14
HOLTSVILLE_IC_5 23694	47.49 0.88 1.98	47.44 -0.31 3.70	47.50 0.05 2.64	43.03 1.42 0.00	40.81 1.27 0.00	39.42 1.26 0.00	42.74 1.60 0.00	47.58 0.62 1.20	48.19 0.35 2.16	46.61 1.75 0.00	38.11 1.00 0.00	33.94 1.37 0.00	34.13 1.47 0.00	35.45 1.75 0.00	36.33 2.09 0.00	38.35 2.61 0.00	45.26 3.30 -0.13	52.66 1.28 4.37	74.00 2.57 0.00	75.53 2.76 0.00	67.88 2.42 0.00	59.20 1.50 0.06	53.52 1.73 0.70	49.19 2.35 0.21	46.15 2.91 0.14
HOLTSVILLE_IC_6 23695	47.63 0.97 1.94	47.58 -0.20 3.65	47.65 0.15 2.59	43.16 1.54 0.00	40.89 1.35 0.00	39.54 1.37 0.00	42.86 1.73 0.00	47.66 0.67 1.18	48.31 0.45 2.13	46.75 1.88 0.00	38.19 1.08 0.00	34.04 1.47 0.00	34.19 1.54 0.00	35.52 1.82 0.00	36.43 2.19 0.00	38.46 2.72 0.00	45.37 3.39 -0.15	52.89 1.45 4.31	74.30 2.86 0.00	75.89 3.13 0.00	68.21 2.75 0.00	59.43 1.73 0.06	53.75 1.94 0.68	49.29 2.44 0.20	46.30 3.04 0.13
HOLTSVILLE_IC_7 23696	47.63 0.97 1.94	47.58 -0.20 3.65	47.65 0.15 2.59	43.16 1.54 0.00	40.89 1.35 0.00	39.54 1.37 0.00	42.86 1.73 0.00	47.66 0.67 1.18	48.31 0.45 2.13	46.75 1.88 0.00	38.19 1.08 0.00	34.04 1.47 0.00	34.19 1.54 0.00	35.52 1.82 0.00	36.43 2.19 0.00	38.46 2.72 0.00	45.37 3.39 -0.15	52.89 1.45 4.31	74.30 2.86 0.00	75.89 3.13 0.00	68.21 2.75 0.00	59.43 1.73 0.06	53.75 1.94 0.68	49.29 2.44 0.20	46.30 3.04 0.13
HOLTSVILLE_IC_8 23697	47.63 0.97 1.94	47.58 -0.20 3.65	47.65 0.15 2.59	43.16 1.54 0.00	40.89 1.35 0.00	39.54 1.37 0.00	42.86 1.73 0.00	47.66 0.67 1.18	48.31 0.45 2.13	46.75 1.88 0.00	38.19 1.08 0.00	34.04 1.47 0.00	34.19 1.54 0.00	35.52 1.82 0.00	36.43 2.19 0.00	38.46 2.72 0.00	45.37 3.39 -0.15	52.89 1.45 4.31	74.30 2.86 0.00	75.89 3.13 0.00	68.21 2.75 0.00	59.43 1.73 0.06	53.75 1.94 0.68	49.29 2.44 0.20	46.30 3.04 0.13
HOLTSVILLE_IC_9 23698	47.63 0.97 1.94	47.58 -0.20 3.65	47.65 0.15 2.59	43.16 1.54 0.00	40.89 1.35 0.00	39.54 1.37 0.00	42.86 1.73 0.00	47.66 0.67 1.18	48.31 0.45 2.13	46.75 1.88 0.00	38.19 1.08 0.00	34.04 1.47 0.00	34.19 1.54 0.00	35.52 1.82 0.00	36.43 2.19 0.00	38.46 2.72 0.00	45.37 3.39 -0.15	52.89 1.45 4.31	74.30 2.86 0.00	75.89 3.13 0.00	68.21 2.75 0.00	59.43 1.73 0.06	53.75 1.94 0.68	49.29 2.44 0.20	46.30 3.04 0.13
HOMER_HL_115KV_TB2 355744	46.75 -1.85 0.00	50.72 -0.72 0.00	48.73 -1.35 0.00	40.83 -0.79 0.00	38.72 -0.83 0.00	37.94 -0.23 0.00	40.07 -1.07 0.00	47.00 -1.16 0.00	47.79 -2.20 0.00	42.54 -2.33 0.00	36.45 -0.67 0.00	31.93 -0.65 0.00	31.88 -0.78 0.00	32.83 -0.88 0.00	33.39 -0.86 0.00	34.17 -1.57 0.00	39.07 -2.76 0.00	52.85 -2.90 0.00	68.80 -2.64 0.00	70.30 -2.47 0.00	62.25 -3.21 0.00	54.24 -3.52 0.00	48.66 -3.83 0.00	44.60 -2.45 0.00	41.43 -1.95 0.00
HOWARD_WT_PWR 323690	48.16 -0.44 0.00	52.06 0.62 0.00	50.04 -0.05 0.00	41.95 0.33 0.00	39.78 0.24 0.00	38.93 0.76 0.00	41.22 0.08 0.00	48.11 -0.05 0.00	49.19 -0.80 0.00	43.84 -1.03 0.00	36.52 -0.60 0.00	32.32 -0.26 0.00	32.30 -0.36 0.00	33.24 -0.47 0.00	33.66 -0.58 0.00	34.78 -0.96 0.00	40.03 -1.80 0.00	54.08 -1.67 0.00	70.94 -0.50 0.00	72.62 -0.15 0.00	64.28 -1.18 0.00	56.03 -1.73 0.00	49.86 -2.62 0.00	45.68 -1.37 0.00	42.35 -1.04 0.00
HQ_GEN_CEDARS 23644	50.01 1.41 0.00	53.04 1.59 0.00	51.59 1.50 0.00	42.95 1.33 0.00	40.81 1.27 0.00	39.39 1.22 0.00	42.41 1.28 0.00	49.70 1.54 0.00	51.44 1.45 0.00	46.08 1.21 0.00	38.00 0.89 0.00	33.36 0.78 0.00	33.51 0.85 0.00	34.58 0.88 0.00	35.07 0.82 0.00	36.57 0.82 0.00	42.88 1.05 0.00	57.03 1.28 0.00	73.01 1.57 0.00	74.44 1.67 0.00	67.10 1.64 0.00	59.38 1.62 0.00	53.85 1.36 0.00	48.32 1.27 0.00	44.39 1.00 0.00
HQ_GEN_CEDARS_PROXY 323590	50.01 1.41 0.00	53.04 1.60 0.00	51.59 1.50 0.00	42.95 1.33 0.00	40.81 1.27 0.00	39.39 1.22 0.00	42.42 1.28 0.00	47.47 1.54 2.23	53.67 1.45 -2.23	46.08 1.21 0.00	38.00 0.89 0.00	33.36 0.78 0.00	33.51 0.85 0.00	34.58 0.87 0.00	35.06 0.82 0.00	36.57 0.82 0.00	42.88 1.05 0.00	57.03 1.28 0.00	73.01 1.57 0.00	74.45 1.68 0.00	67.10 1.64 0.00	59.38 1.62 0.00	53.90 1.42 0.00	48.41 1.37 0.00	44.39 1.00 0.00

HQ_GEN_IMPORT 323601	48.99 0.39 0.00	51.90 0.46 0.00	50.54 0.45 0.00	42.00 0.37 0.00	39.90 0.36 0.00	38.51 0.34 0.00	41.51 0.37 0.00	46.41 0.48 2.23	52.67 0.45 -2.23	45.23 0.36 0.00	37.38 0.26 0.00	32.81 0.23 0.00	32.92 0.26 0.00	33.98 0.27 0.00	34.49 0.24 0.00	36.00 0.25 0.00	42.13 0.29 0.00	56.08 0.34 0.00	71.87 0.43 0.00	73.21 0.44 0.00	65.86 0.40 0.00	58.17 0.41 0.00	52.86 0.37 0.00	47.42 0.37 0.00	43.65 0.26 0.00
HQ_GEN_WHEEL 23651	48.99 0.39 0.00	51.90 0.46 0.00	50.54 0.45 0.00	42.00 0.37 0.00	39.90 0.36 0.00	38.51 0.34 0.00	41.51 0.37 0.00	46.41 0.48 2.23	52.67 0.45 -2.23	45.23 0.36 0.00	37.38 0.26 0.00	32.81 0.23 0.00	32.92 0.26 0.00	33.98 0.27 0.00	34.49 0.24 0.00	36.00 0.25 0.00	42.13 0.29 0.00	56.08 0.34 0.00	71.87 0.43 0.00	73.21 0.44 0.00	65.86 0.40 0.00	58.17 0.41 0.00	52.86 0.37 0.00	47.42 0.37 0.00	43.65 0.26 0.00
HUDSON AVE_GT_3 23810	51.27 2.67 0.00	53.50 2.06 0.00	52.39 2.30 0.00	43.66 2.04 0.00	41.44 1.90 0.00	40.00 1.83 0.00	43.15 2.02 0.00	50.62 2.46 0.00	52.59 2.60 0.00	47.52 2.65 0.00	39.27 2.15 0.00	34.60 2.02 0.00	34.72 2.06 0.00	35.93 2.22 0.00	36.40 2.16 0.00	38.07 2.32 0.00	44.76 2.93 0.00	59.32 3.57 0.00	75.51 4.07 0.00	76.63 3.86 0.00	68.93 3.47 0.00	60.82 3.06 0.00	55.64 3.15 0.00	49.96 2.92 0.00	45.99 2.60 0.00
HUDSON AVE_GT_4 23540	51.27 2.67 0.00	53.50 2.06 0.00	52.39 2.30 0.00	43.66 2.04 0.00	41.44 1.90 0.00	40.00 1.83 0.00	43.15 2.02 0.00	50.62 2.46 0.00	52.59 2.60 0.00	47.52 2.65 0.00	39.27 2.15 0.00	34.60 2.02 0.00	34.72 2.06 0.00	35.93 2.22 0.00	36.40 2.16 0.00	38.07 2.32 0.00	44.76 2.93 0.00	59.32 3.57 0.00	75.51 4.07 0.00	76.63 3.86 0.00	68.93 3.47 0.00	60.82 3.06 0.00	55.64 3.15 0.00	49.96 2.92 0.00	45.99 2.60 0.00
HUDSON AVE_GT_5 23657	51.27 2.67 0.00	53.50 2.06 0.00	52.39 2.30 0.00	43.66 2.04 0.00	41.44 1.90 0.00	40.00 1.83 0.00	43.15 2.02 0.00	50.62 2.46 0.00	52.59 2.60 0.00	47.52 2.65 0.00	39.27 2.15 0.00	34.60 2.02 0.00	34.72 2.06 0.00	35.93 2.22 0.00	36.40 2.16 0.00	38.07 2.32 0.00	44.76 2.93 0.00	59.32 3.57 0.00	75.51 4.07 0.00	76.63 3.86 0.00	68.93 3.47 0.00	60.82 3.06 0.00	55.64 3.15 0.00	49.96 2.92 0.00	45.99 2.60 0.00
HUDSON_AVE_10 24168	51.08 2.48 0.00	53.29 1.85 0.00	52.19 2.10 0.00	43.50 1.87 0.00	41.29 1.74 0.00	39.85 1.68 0.00	43.03 1.89 0.00	50.47 2.31 0.00	52.49 2.50 0.00	47.43 2.56 0.00	39.19 2.08 0.00	34.53 1.95 0.00	34.65 1.99 0.00	35.86 2.16 0.00	36.33 2.09 0.00	38.00 2.25 0.00	44.68 2.84 0.00	59.20 3.46 0.00	75.30 3.86 0.00	76.41 3.64 0.00	68.73 3.27 0.00	60.65 2.89 0.00	55.53 3.04 0.00	49.82 2.78 0.00	45.86 2.47 0.00
HUDSON___115KV_TB 4 355613	50.20 1.60 0.00	52.93 1.49 0.00	51.64 1.55 0.00	42.83 1.21 0.00	40.65 1.11 0.00	39.12 0.95 0.00	42.33 1.19 0.00	49.51 1.35 0.00	51.49 1.50 0.00	46.08 1.21 0.00	37.78 0.67 0.00	33.07 0.49 0.00	33.12 0.46 0.00	34.21 0.51 0.00	34.90 0.65 0.00	36.64 0.89 0.00	43.13 1.30 0.00	57.70 1.95 0.00	74.30 2.86 0.00	75.75 2.98 0.00	68.14 2.68 0.00	60.07 2.31 0.00	54.59 2.10 0.00	48.69 1.65 0.00	44.86 1.48 0.00
HUNTER MOUNT___DRP 323613	50.25 1.65 0.00	53.04 1.59 0.00	51.74 1.65 0.00	42.91 1.29 0.00	40.73 1.19 0.00	39.20 1.03 0.00	42.37 1.23 0.00	49.56 1.40 0.00	51.49 1.50 0.00	46.08 1.21 0.00	37.74 0.63 0.00	33.00 0.42 0.00	33.02 0.36 0.00	34.15 0.44 0.00	34.83 0.58 0.00	36.60 0.86 0.00	43.17 1.34 0.00	57.87 2.12 0.00	74.58 3.14 0.00	76.04 3.27 0.00	68.34 2.88 0.00	60.19 2.43 0.00	54.69 2.20 0.00	48.79 1.74 0.00	44.91 1.52 0.00
HUNTINGTON_RES_REC 323705	47.70 1.02 1.92	47.66 -0.15 3.63	47.72 0.20 2.57	43.20 1.58 0.00	40.92 1.38 0.00	39.58 1.41 0.00	42.90 1.77 0.00	47.76 0.77 1.17	48.33 0.45 2.11	46.75 1.88 0.00	38.22 1.11 0.00	34.04 1.47 0.00	34.22 1.57 0.00	35.56 1.85 0.00	36.40 2.16 0.00	38.46 2.72 0.00	45.46 3.47 -0.16	52.87 1.39 4.28	74.08 2.64 0.00	75.60 2.84 0.00	67.88 2.42 0.00	59.20 1.50 0.06	53.54 1.73 0.68	49.20 2.35 0.19	46.30 3.04 0.12
HUNTLEY___63 23557	46.51 -2.09 0.00	50.62 -0.82 0.00	48.53 -1.55 0.00	40.66 -0.96 0.00	38.56 -0.99 0.00	37.82 -0.34 0.00	39.90 -1.23 0.00	46.72 -1.44 0.00	46.99 -3.00 0.00	41.77 -3.10 0.00	36.07 -1.04 0.00	31.57 -1.01 0.00	31.58 -1.08 0.00	32.53 -1.18 0.00	33.11 -1.13 0.00	33.85 -1.89 0.00	38.53 -3.30 0.00	52.01 -3.74 0.00	67.37 -4.07 0.00	68.77 -4.00 0.00	60.94 -4.52 0.00	53.14 -4.62 0.00	47.87 -4.62 0.00	44.18 -2.87 0.00	41.57 -1.82 0.00
HUNTLEY___64 23558	46.51 -2.09 0.00	50.62 -0.82 0.00	48.53 -1.55 0.00	40.66 -0.96 0.00	38.56 -0.99 0.00	37.82 -0.34 0.00	39.90 -1.23 0.00	46.72 -1.44 0.00	46.99 -3.00 0.00	41.77 -3.10 0.00	36.07 -1.04 0.00	31.57 -1.01 0.00	31.58 -1.08 0.00	32.53 -1.18 0.00	33.11 -1.13 0.00	33.85 -1.89 0.00	38.53 -3.30 0.00	52.01 -3.74 0.00	67.37 -4.07 0.00	68.77 -4.00 0.00	60.94 -4.52 0.00	53.14 -4.62 0.00	47.87 -4.62 0.00	44.18 -2.87 0.00	41.57 -1.82 0.00
HUNTLEY___65 23559	46.51 -2.09 0.00	50.62 -0.82 0.00	48.53 -1.55 0.00	40.66 -0.96 0.00	38.56 -0.99 0.00	37.82 -0.34 0.00	39.90 -1.23 0.00	46.72 -1.44 0.00	46.99 -3.00 0.00	41.77 -3.10 0.00	36.07 -1.04 0.00	31.57 -1.01 0.00	31.58 -1.08 0.00	32.53 -1.18 0.00	33.11 -1.13 0.00	33.85 -1.89 0.00	38.53 -3.30 0.00	52.01 -3.74 0.00	67.37 -4.07 0.00	68.77 -4.00 0.00	60.94 -4.52 0.00	53.14 -4.62 0.00	47.87 -4.62 0.00	44.18 -2.87 0.00	41.57 -1.82 0.00
HUNTLEY___66 23560	46.51 -2.09 0.00	50.62 -0.82 0.00	48.53 -1.55 0.00	40.66 -0.96 0.00	38.56 -0.99 0.00	37.82 -0.34 0.00	39.90 -1.23 0.00	46.72 -1.44 0.00	46.99 -3.00 0.00	41.77 -3.10 0.00	36.07 -1.04 0.00	31.57 -1.01 0.00	31.58 -1.08 0.00	32.53 -1.18 0.00	33.11 -1.13 0.00	33.85 -1.89 0.00	38.53 -3.30 0.00	52.01 -3.74 0.00	67.37 -4.07 0.00	68.77 -4.00 0.00	60.94 -4.52 0.00	53.14 -4.62 0.00	47.87 -4.62 0.00	44.18 -2.87 0.00	41.57 -1.82 0.00
HUNTLEY___67 23561	46.41 -2.19 0.00	50.51 -0.93 0.00	48.43 -1.65 0.00	40.54 -1.08 0.00	38.48 -1.07 0.00	37.75 -0.42 0.00	39.82 -1.32 0.00	46.67 -1.49 0.00	47.04 -2.95 0.00	41.86 -3.01 0.00	36.11 -1.00 0.00	31.60 -0.98 0.00	31.61 -1.05 0.00	32.53 -1.18 0.00	33.11 -1.13 0.00	33.85 -1.89 0.00	38.57 -3.26 0.00	52.01 -3.74 0.00	67.37 -4.07 0.00	68.77 -4.00 0.00	60.94 -4.52 0.00	53.20 -4.56 0.00	47.92 -4.57 0.00	44.13 -2.92 0.00	41.43 -1.95 0.00
HUNTLEY___68 23562	46.41 -2.19 0.00	50.51 -0.93 0.00	48.43 -1.65 0.00	40.54 -1.08 0.00	38.48 -1.07 0.00	37.75 -0.42 0.00	39.82 -1.32 0.00	46.67 -1.49 0.00	47.04 -2.95 0.00	41.86 -3.01 0.00	36.11 -1.00 0.00	31.60 -0.98 0.00	31.61 -1.05 0.00	32.53 -1.18 0.00	33.11 -1.13 0.00	33.85 -1.89 0.00	38.57 -3.26 0.00	52.01 -3.74 0.00	67.37 -4.07 0.00	68.77 -4.00 0.00	60.94 -4.52 0.00	53.20 -4.56 0.00	47.92 -4.57 0.00	44.13 -2.92 0.00	41.43 -1.95 0.00

HYLAND___LFGE 323620	49.67 1.07 0.00	53.65 2.21 0.00	51.64 1.55 0.00	43.08 1.46 0.00	40.81 1.27 0.00	39.89 1.72 0.00	42.33 1.19 0.00	49.46 1.30 0.00	50.44 0.45 0.00	44.65 -0.22 0.00	36.82 -0.30 0.00	32.42 -0.16 0.00	32.33 -0.33 0.00	33.27 -0.44 0.00	33.73 -0.51 0.00	34.96 -0.79 0.00	40.49 -1.34 0.00	54.97 0.00 0.00	72.65 1.21 0.00	74.95 2.18 0.00	66.77 1.31 0.00	58.28 0.52 0.00	52.01 -0.47 0.00	47.47 0.42 0.00	42.82 -0.57 0.00
INDECK___CORINTH 23802	49.38 0.78 0.00	52.16 0.72 0.00	50.89 0.80 0.00	42.25 0.63 0.00	40.14 0.59 0.00	38.55 0.38 0.00	41.84 0.70 0.00	48.64 0.48 0.00	50.59 0.60 0.00	45.14 0.27 0.00	37.11 0.00 0.00	32.38 -0.19 0.00	32.37 -0.29 0.00	33.47 -0.23 0.00	34.21 -0.03 0.00	35.85 0.11 0.00	42.29 0.46 0.00	56.80 1.06 0.00	73.15 1.71 0.00	74.59 1.82 0.00	67.23 1.77 0.00	59.32 1.56 0.00	53.85 1.36 0.00	47.89 0.85 0.00	44.17 0.78 0.00
INDECK___ILION 23567	49.23 0.63 0.00	52.11 0.67 0.00	50.79 0.70 0.00	42.20 0.58 0.00	40.06 0.51 0.00	38.70 0.53 0.00	41.76 0.62 0.00	48.84 0.67 0.00	50.69 0.70 0.00	45.50 0.63 0.00	37.60 0.48 0.00	33.00 0.42 0.00	33.08 0.42 0.00	34.15 0.44 0.00	34.66 0.41 0.00	36.18 0.43 0.00	42.42 0.59 0.00	56.58 0.84 0.00	72.58 1.14 0.00	74.01 1.24 0.00	66.57 1.11 0.00	58.68 0.92 0.00	53.38 0.89 0.00	47.75 0.71 0.00	44.04 0.65 0.00
INDECK___OLEAN 23982	46.75 -1.85 0.00	50.72 -0.72 0.00	48.74 -1.35 0.00	40.83 -0.79 0.00	38.71 -0.83 0.00	37.94 -0.23 0.00	40.07 -1.07 0.00	46.76 -1.40 0.00	47.79 -2.20 0.00	42.53 -2.34 0.00	35.85 -1.26 0.00	31.93 -0.65 0.00	31.88 -0.78 0.00	32.83 -0.88 0.00	33.22 -1.03 0.00	34.17 -1.57 0.00	39.07 -2.76 0.00	52.63 -3.12 0.00	68.87 -2.57 0.00	70.44 -2.33 0.00	62.25 -3.21 0.00	54.18 -3.58 0.00	48.24 -4.25 0.00	44.55 -2.49 0.00	41.48 -1.91 0.00
INDECK___OSWEGO 23783	47.09 -1.51 0.00	49.95 -1.49 0.00	48.53 -1.55 0.00	40.37 -1.25 0.00	38.40 -1.15 0.00	37.10 -1.07 0.00	39.91 -1.23 0.00	46.67 -1.49 0.00	48.39 -1.60 0.00	43.48 -1.39 0.00	36.04 -1.08 0.00	31.70 -0.88 0.00	31.78 -0.88 0.00	32.76 -0.94 0.00	33.25 -0.99 0.00	34.64 -1.11 0.00	40.45 -1.38 0.00	54.02 -1.73 0.00	69.37 -2.07 0.00	70.73 -2.04 0.00	63.56 -1.90 0.00	56.03 -1.73 0.00	50.91 -1.57 0.00	45.68 -1.37 0.00	42.17 -1.21 0.00
INDECK___YERKES 23781	46.51 -2.09 0.00	50.67 -0.77 0.00	48.53 -1.55 0.00	40.71 -0.92 0.00	38.60 -0.95 0.00	37.86 -0.31 0.00	39.91 -1.23 0.00	46.43 -1.73 0.00	47.04 -2.95 0.00	41.82 -3.05 0.00	35.30 -1.82 0.00	31.60 -0.98 0.00	31.61 -1.05 0.00	32.56 -1.15 0.00	32.91 -1.34 0.00	33.89 -1.86 0.00	38.53 -3.31 0.00	51.79 -3.96 0.00	67.44 -4.00 0.00	68.91 -3.86 0.00	61.01 -4.45 0.00	53.14 -4.62 0.00	47.35 -5.14 0.00	44.13 -2.92 0.00	41.61 -1.78 0.00
INDIAN POINT_GT_1 24139	50.93 2.33 0.00	53.29 1.85 0.00	52.14 2.05 0.00	43.41 1.79 0.00	41.21 1.66 0.00	39.73 1.56 0.00	42.91 1.77 0.00	50.28 2.12 0.00	52.19 2.20 0.00	47.11 2.24 0.00	38.90 1.78 0.00	34.24 1.66 0.00	34.36 1.70 0.00	35.56 1.85 0.00	36.06 1.81 0.00	37.71 1.97 0.00	44.38 2.55 0.00	58.87 3.12 0.00	75.08 3.64 0.00	76.34 3.57 0.00	68.60 3.14 0.00	60.53 2.77 0.00	55.27 2.78 0.00	49.59 2.54 0.00	45.64 2.26 0.00
INDIAN POINT_GT_2 23659	50.93 2.33 0.00	53.29 1.85 0.00	52.14 2.05 0.00	43.41 1.79 0.00	41.21 1.66 0.00	39.73 1.56 0.00	42.91 1.77 0.00	50.28 2.12 0.00	52.19 2.20 0.00	47.11 2.24 0.00	38.90 1.78 0.00	34.24 1.66 0.00	34.36 1.70 0.00	35.56 1.85 0.00	36.06 1.81 0.00	37.71 1.97 0.00	44.38 2.55 0.00	58.87 3.12 0.00	75.08 3.64 0.00	76.34 3.57 0.00	68.60 3.14 0.00	60.53 2.77 0.00	55.27 2.78 0.00	49.59 2.54 0.00	45.64 2.26 0.00
INDIAN POINT_GT_3 24019	50.93 2.33 0.00	53.29 1.85 0.00	52.14 2.05 0.00	43.41 1.79 0.00	41.21 1.66 0.00	39.73 1.56 0.00	42.91 1.77 0.00	50.28 2.12 0.00	52.19 2.20 0.00	47.11 2.24 0.00	38.90 1.78 0.00	34.24 1.66 0.00	34.36 1.70 0.00	35.56 1.85 0.00	36.06 1.81 0.00	37.71 1.97 0.00	44.38 2.55 0.00	58.87 3.12 0.00	75.08 3.64 0.00	76.34 3.57 0.00	68.60 3.14 0.00	60.53 2.77 0.00	55.27 2.78 0.00	49.59 2.54 0.00	45.64 2.26 0.00
INDIAN POINT___2 23530	50.88 2.28 0.00	53.29 1.85 0.00	52.14 2.05 0.00	43.41 1.79 0.00	41.21 1.66 0.00	39.77 1.60 0.00	42.91 1.77 0.00	50.33 2.17 0.00	52.19 2.20 0.00	47.11 2.24 0.00	39.04 1.93 0.00	34.24 1.66 0.00	34.36 1.70 0.00	35.56 1.85 0.00	36.06 1.81 0.00	37.71 1.96 0.00	44.38 2.55 0.00	58.92 3.18 0.00	75.08 3.64 0.00	76.26 3.49 0.00	68.54 3.08 0.00	60.53 2.77 0.00	55.32 2.83 0.00	49.54 2.49 0.00	45.73 2.34 0.00
INDIAN POINT___3 23531	50.88 2.28 0.00	53.24 1.80 0.00	52.14 2.05 0.00	43.41 1.79 0.00	41.21 1.66 0.00	39.73 1.56 0.00	42.91 1.77 0.00	50.28 2.12 0.00	52.19 2.20 0.00	47.11 2.24 0.00	38.90 1.78 0.00	34.24 1.66 0.00	34.36 1.70 0.00	35.56 1.85 0.00	36.06 1.81 0.00	37.75 2.00 0.00	44.38 2.55 0.00	58.81 3.07 0.00	75.08 3.64 0.00	76.26 3.49 0.00	68.60 3.14 0.00	60.48 2.71 0.00	55.27 2.78 0.00	49.59 2.54 0.00	45.64 2.26 0.00
INGHAM_C_115KV_TB7 356103	49.86 1.26 0.00	52.88 1.44 0.00	51.54 1.45 0.00	42.83 1.21 0.00	40.69 1.15 0.00	39.31 1.15 0.00	42.37 1.23 0.00	49.56 1.40 0.00	51.44 1.45 0.00	46.13 1.26 0.00	38.12 1.00 0.00	33.46 0.88 0.00	33.54 0.88 0.00	34.62 0.91 0.00	35.10 0.86 0.00	36.64 0.89 0.00	42.96 1.13 0.00	57.42 1.67 0.00	73.58 2.14 0.00	75.10 2.33 0.00	67.62 2.16 0.00	59.61 1.85 0.00	54.22 1.73 0.00	48.50 1.46 0.00	44.73 1.35 0.00
IP CORINTH___1 23988	49.67 1.07 0.00	52.47 1.03 0.00	51.19 1.10 0.00	42.50 0.87 0.00	40.34 0.79 0.00	38.78 0.61 0.00	42.04 0.91 0.00	48.88 0.72 0.00	50.89 0.90 0.00	45.41 0.54 0.00	37.26 0.15 0.00	32.55 -0.03 0.00	32.56 -0.10 0.00	33.64 -0.07 0.00	34.38 0.14 0.00	36.03 0.29 0.00	42.50 0.67 0.00	57.09 1.34 0.00	73.51 2.07 0.00	75.03 2.26 0.00	67.56 2.09 0.00	59.61 1.85 0.00	54.11 1.63 0.00	48.22 1.18 0.00	44.43 1.04 0.00
IP___TICONDEROGA 23804	51.56 2.96 0.00	54.58 3.14 0.00	53.19 3.11 0.00	44.12 2.50 0.00	41.96 2.41 0.00	40.31 2.14 0.00	43.73 2.59 0.00	50.86 2.70 0.00	52.74 2.75 0.00	46.75 1.88 0.00	38.26 1.15 0.00	33.33 0.75 0.00	33.28 0.62 0.00	34.42 0.71 0.00	35.17 0.92 0.00	36.89 1.14 0.00	43.63 1.80 0.00	59.09 3.34 0.00	76.73 5.29 0.00	78.37 5.60 0.00	70.70 5.24 0.00	62.15 4.39 0.00	56.21 3.73 0.00	50.01 2.96 0.00	46.03 2.65 0.00
ISLIP_RES_REC 323679	47.71 1.02 1.91	47.72 -0.10 3.62	47.74 0.20 2.55	43.24 1.62 0.00	41.01 1.46 0.00	39.65 1.49 0.00	42.99 1.85 0.00	47.77 0.77 1.16	48.43 0.55 2.11	46.89 2.02 0.00	38.30 1.19 0.00	34.14 1.56 0.00	34.32 1.66 0.00	35.62 1.92 0.00	36.54 2.29 0.00	38.60 2.86 0.00	45.51 3.51 -0.16	53.16 1.67 4.26	74.65 3.22 0.00	76.33 3.56 0.00	68.60 3.14 0.00	59.66 1.96 0.06	53.97 2.15 0.67	49.49 2.63 0.19	46.44 3.17 0.12

JAMAICA__27_KV_LOAD 355505	51.13 2.53 0.00	53.29 1.85 0.00	52.24 2.15 0.00	43.50 1.87 0.00	41.29 1.74 0.00	39.85 1.68 0.00	43.07 1.93 0.00	50.67 2.50 0.00	52.74 2.75 0.00	47.70 2.83 0.00	39.45 2.34 0.00	34.66 2.08 0.00	34.82 2.16 0.00	36.03 2.33 0.00	36.50 2.26 0.00	38.18 2.43 0.00	44.93 3.10 0.00	59.54 3.79 0.00	75.44 4.00 0.00	76.63 3.86 0.00	68.93 3.47 0.00	60.88 3.12 0.00	55.85 3.36 0.00	50.01 2.96 0.00	45.95 2.56 0.00
JANIS__SOLAR 323808	50.30 1.70 0.00	53.44 2.00 0.00	51.99 1.90 0.00	43.24 1.62 0.00	41.05 1.50 0.00	39.81 1.64 0.00	42.79 1.65 0.00	50.14 1.98 0.00	51.74 1.75 0.00	46.08 1.21 0.00	37.78 0.67 0.00	33.00 0.42 0.00	33.12 0.46 0.00	34.11 0.41 0.00	34.62 0.38 0.00	36.14 0.39 0.00	42.54 0.71 0.00	57.48 1.73 0.00	74.51 3.07 0.00	76.26 3.49 0.00	68.41 2.95 0.00	60.07 2.31 0.00	54.17 1.68 0.00	48.65 1.60 0.00	44.86 1.48 0.00
JARVIS____ 23743	48.70 0.10 0.00	51.49 0.05 0.00	50.19 0.10 0.00	41.71 0.08 0.00	39.59 0.04 0.00	38.21 0.04 0.00	41.22 0.08 0.00	48.26 0.10 0.00	50.09 0.10 0.00	44.96 0.09 0.00	37.19 0.07 0.00	32.61 0.03 0.00	32.69 0.03 0.00	33.78 0.07 0.00	34.31 0.07 0.00	35.82 0.07 0.00	41.96 0.13 0.00	55.92 0.17 0.00	71.65 0.21 0.00	72.99 0.22 0.00	65.66 0.20 0.00	57.93 0.17 0.00	52.64 0.16 0.00	47.14 0.09 0.00	43.47 0.09 0.00
JENNISON____1 23625	50.50 1.90 0.00	53.70 2.26 0.00	52.29 2.20 0.00	43.50 1.87 0.00	41.25 1.70 0.00	39.96 1.79 0.00	43.03 1.89 0.00	50.47 2.31 0.00	52.09 2.10 0.00	46.57 1.71 0.00	38.49 1.37 0.00	33.62 1.04 0.00	33.77 1.11 0.00	34.79 1.08 0.00	35.24 0.99 0.00	36.71 0.97 0.00	43.17 1.34 0.00	58.09 2.34 0.00	74.94 3.50 0.00	76.48 3.71 0.00	68.67 3.21 0.00	60.36 2.60 0.00	54.53 2.05 0.00	48.83 1.79 0.00	45.04 1.65 0.00
JENNISON____2 23626	50.50 1.90 0.00	53.70 2.26 0.00	52.29 2.20 0.00	43.50 1.87 0.00	41.25 1.70 0.00	39.96 1.79 0.00	43.03 1.89 0.00	50.47 2.31 0.00	52.09 2.10 0.00	46.57 1.71 0.00	38.49 1.37 0.00	33.62 1.04 0.00	33.77 1.11 0.00	34.79 1.08 0.00	35.24 0.99 0.00	36.71 0.97 0.00	43.17 1.34 0.00	58.09 2.34 0.00	74.94 3.50 0.00	76.48 3.71 0.00	68.67 3.21 0.00	60.36 2.60 0.00	54.53 2.05 0.00	48.83 1.79 0.00	45.04 1.65 0.00
JERICOHO_RISE_WT_PWR 323719	49.23 0.63 0.00	52.31 0.87 0.00	50.89 0.80 0.00	42.37 0.75 0.00	40.26 0.71 0.00	38.86 0.69 0.00	41.92 0.78 0.00	49.12 0.96 0.00	50.94 0.95 0.00	45.63 0.76 0.00	37.60 0.48 0.00	32.97 0.39 0.00	33.05 0.39 0.00	34.11 0.41 0.00	34.59 0.41 0.00	36.14 0.39 0.00	42.37 0.54 0.00	56.25 0.50 0.00	71.80 0.36 0.00	73.14 0.37 0.00	65.79 0.33 0.00	58.22 0.46 0.00	52.90 0.42 0.00	47.66 0.61 0.00	43.69 0.31 0.00
KATONAH__115KV_46KV_TB4 355592	51.08 2.48 0.00	53.55 2.11 0.00	52.39 2.30 0.00	43.62 2.00 0.00	41.36 1.82 0.00	39.89 1.72 0.00	43.03 1.89 0.00	50.47 2.31 0.00	52.39 2.40 0.00	47.25 2.38 0.00	38.97 1.86 0.00	34.30 1.73 0.00	34.46 1.80 0.00	35.66 1.96 0.00	36.20 1.95 0.00	37.86 2.11 0.00	44.55 2.72 0.00	59.09 3.34 0.00	75.44 4.00 0.00	76.63 3.86 0.00	68.93 3.47 0.00	60.76 3.00 0.00	55.53 3.04 0.00	49.82 2.78 0.00	45.82 2.43 0.00
KCE_NY_1 323755	50.15 1.55 0.00	52.98 1.54 0.00	51.69 1.60 0.00	42.83 1.21 0.00	40.65 1.11 0.00	39.08 0.91 0.00	42.33 1.19 0.00	49.51 1.35 0.00	51.54 1.55 0.00	46.03 1.16 0.00	37.89 0.78 0.00	33.07 0.49 0.00	33.08 0.42 0.00	34.18 0.47 0.00	34.93 0.68 0.00	36.60 0.86 0.00	43.04 1.21 0.00	57.75 2.00 0.00	74.22 2.78 0.00	75.61 2.84 0.00	68.15 2.68 0.00	60.07 2.31 0.00	54.59 2.10 0.00	48.60 1.55 0.00	44.82 1.43 0.00
KCE_NY_6_ESR 323823	46.85 -1.75 0.00	50.93 -0.51 0.00	48.88 -1.20 0.00	40.95 -0.67 0.00	38.79 -0.75 0.00	38.05 -0.11 0.00	40.15 -0.99 0.00	46.76 -1.40 0.00	47.49 -2.50 0.00	42.27 -2.60 0.00	35.63 -1.49 0.00	31.86 -0.72 0.00	31.88 -0.78 0.00	32.83 -0.88 0.00	33.18 -1.06 0.00	34.17 -1.57 0.00	38.90 -2.93 0.00	52.29 -3.46 0.00	68.23 -3.21 0.00	69.72 -3.05 0.00	61.73 -3.73 0.00	53.72 -4.04 0.00	47.82 -4.67 0.00	44.46 -2.59 0.00	41.74 -1.65 0.00
KEDC_PORT_JEFF_GT2 24210	47.62 0.97 1.95	47.57 -0.20 3.67	47.63 0.15 2.61	43.11 1.50 0.00	40.84 1.30 0.00	39.50 1.34 0.00	42.82 1.69 0.00	47.70 0.72 1.19	48.30 0.45 2.14	46.70 1.84 0.00	38.19 1.08 0.00	34.01 1.43 0.00	34.19 1.54 0.00	35.52 1.82 0.00	36.40 2.16 0.00	38.46 2.72 0.00	45.36 3.39 -0.14	52.87 1.45 4.33	74.30 2.86 0.00	75.82 3.06 0.00	68.14 2.68 0.00	59.37 1.68 0.06	53.69 1.89 0.69	49.29 2.44 0.20	46.29 3.04 0.13
KEDC_PORT_JEFF_GT3 24211	47.62 0.97 1.95	47.57 -0.20 3.67	47.63 0.15 2.61	43.11 1.50 0.00	40.84 1.30 0.00	39.50 1.34 0.00	42.82 1.69 0.00	47.70 0.72 1.19	48.30 0.45 2.14	46.70 1.84 0.00	38.19 1.08 0.00	34.01 1.43 0.00	34.19 1.54 0.00	35.52 1.82 0.00	36.40 2.16 0.00	38.46 2.72 0.00	45.36 3.39 -0.14	52.87 1.45 4.33	74.30 2.86 0.00	75.82 3.06 0.00	68.14 2.68 0.00	59.37 1.68 0.06	53.69 1.89 0.69	49.29 2.44 0.20	46.29 3.04 0.13
KEDC_GLWD_GT4 24219	50.58 2.24 0.25	51.68 1.44 1.20	51.41 1.70 0.38	43.75 2.12 -0.01	41.49 1.94 -0.01	40.08 1.91 -0.01	43.33 2.18 -0.01	49.99 1.98 0.15	51.22 1.90 0.67	47.43 2.56 -0.01	39.05 1.93 -0.01	34.51 1.92 -0.01	34.66 1.99 -0.01	35.94 2.22 -0.01	36.58 2.33 -0.01	38.47 2.72 -0.01	45.92 3.39 -0.71	57.49 2.90 1.15	75.38 3.93 -0.01	76.71 3.93 -0.01	68.94 3.47 -0.01	60.53 2.77 0.00	55.24 2.83 0.08	50.11 2.97 -0.10	46.78 3.13 -0.27
KEDC_GLWD_GT5 24220	50.58 2.24 0.25	51.68 1.44 1.20	51.41 1.70 0.38	43.75 2.12 -0.01	41.49 1.94 -0.01	40.08 1.91 -0.01	43.33 2.18 -0.01	49.99 1.98 0.15	51.22 1.90 0.67	47.43 2.56 -0.01	39.05 1.93 -0.01	34.51 1.92 -0.01	34.66 1.99 -0.01	35.94 2.22 -0.01	36.58 2.33 -0.01	38.47 2.72 -0.01	45.92 3.39 -0.71	57.49 2.90 1.15	75.38 3.93 -0.01	76.71 3.93 -0.01	68.94 3.47 -0.01	60.53 2.77 0.00	55.24 2.83 0.08	50.11 2.97 -0.10	46.78 3.13 -0.27
KENSICO____ 23655	50.98 2.38 0.00	53.34 1.90 0.00	52.19 2.10 0.00	43.50 1.87 0.00	41.25 1.70 0.00	39.81 1.64 0.00	42.95 1.81 0.00	50.33 2.17 0.00	52.29 2.30 0.00	47.20 2.33 0.00	38.97 1.86 0.00	34.30 1.73 0.00	34.42 1.76 0.00	35.63 1.92 0.00	36.13 1.88 0.00	37.82 2.07 0.00	44.47 2.64 0.00	58.93 3.18 0.00	75.15 3.71 0.00	76.41 3.64 0.00	68.67 3.21 0.00	60.59 2.83 0.00	55.37 2.89 0.00	49.63 2.59 0.00	45.73 2.34 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	51.27 2.67 0.00	53.76 2.31 0.00	52.54 2.45 0.00	43.74 2.12 0.00	41.52 1.98 0.00	40.04 1.87 0.00	43.24 2.10 0.00	50.67 2.50 0.00	52.49 2.50 0.00	47.34 2.47 0.00	38.97 1.86 0.00	34.21 1.63 0.00	34.33 1.67 0.00	35.53 1.82 0.00	36.03 1.78 0.00	37.71 1.97 0.00	44.51 2.68 0.00	59.26 3.51 0.00	75.94 4.50 0.00	77.21 4.44 0.00	69.39 3.93 0.00	61.11 3.35 0.00	55.69 3.20 0.00	49.92 2.87 0.00	45.95 2.56 0.00

KIAC_JFK_GT1 23816	50.84 2.24 0.00	53.04 1.59 0.00	51.94 1.85 0.00	43.29 1.66 0.00	41.09 1.54 0.00	39.62 1.45 0.00	42.87 1.73 0.00	50.38 2.22 0.00	52.44 2.45 0.00	47.47 2.60 0.00	39.23 2.12 0.00	34.50 1.92 0.00	34.65 1.99 0.00	35.83 2.12 0.00	36.33 2.09 0.00	38.00 2.25 0.00	44.72 2.89 0.00	59.20 3.46 0.00	74.80 3.36 0.00	75.97 3.20 0.00	68.28 2.81 0.00	60.36 2.60 0.00	55.53 3.04 0.00	49.77 2.73 0.00	45.69 2.30 0.00
KIAC_JFK_GT2 23817	50.84 2.24 0.00	53.04 1.59 0.00	51.94 1.85 0.00	43.29 1.66 0.00	41.09 1.54 0.00	39.62 1.45 0.00	42.87 1.73 0.00	50.38 2.22 0.00	52.44 2.45 0.00	47.47 2.60 0.00	39.23 2.12 0.00	34.50 1.92 0.00	34.65 1.99 0.00	35.83 2.12 0.00	36.33 2.09 0.00	38.00 2.25 0.00	44.72 2.89 0.00	59.20 3.46 0.00	74.80 3.36 0.00	75.97 3.20 0.00	68.28 2.81 0.00	60.36 2.60 0.00	55.53 3.04 0.00	49.77 2.73 0.00	45.69 2.30 0.00
KIAC_JFK____ 323774	50.84 2.24 0.00	53.04 1.60 0.00	51.94 1.85 0.00	43.29 1.67 0.00	41.09 1.54 0.00	39.62 1.45 0.00	42.87 1.73 0.00	50.42 2.26 0.00	52.44 2.45 0.00	47.47 2.60 0.00	39.42 2.30 0.00	34.50 1.92 0.00	34.65 1.99 0.00	35.83 2.12 0.00	36.33 2.09 0.00	38.00 2.25 0.00	44.71 2.88 0.00	59.26 3.51 0.00	74.80 3.36 0.00	75.90 3.13 0.00	68.27 2.81 0.00	60.42 2.66 0.00	55.58 3.10 0.00	49.73 2.68 0.00	45.77 2.38 0.00
KINTIGH__24_KV_GSU 356498	46.65 -1.95 0.00	50.57 -0.87 0.00	48.59 -1.50 0.00	40.58 -1.04 0.00	38.52 -1.03 0.00	37.71 -0.46 0.00	39.91 -1.23 0.00	46.47 -1.69 0.00	47.29 -2.70 0.00	42.18 -2.69 0.00	35.44 -1.67 0.00	31.63 -0.95 0.00	31.68 -0.98 0.00	32.60 -1.11 0.00	32.94 -1.30 0.00	34.03 -1.72 0.00	38.90 -2.93 0.00	52.18 -3.57 0.00	67.80 -3.64 0.00	69.21 -3.56 0.00	61.47 -4.00 0.00	53.72 -4.04 0.00	48.03 -4.46 0.00	44.41 -2.63 0.00	41.69 -1.69 0.00
KINTIGH____ 23543	46.66 -1.94 0.00	50.57 -0.87 0.00	48.58 -1.50 0.00	40.58 -1.04 0.00	38.52 -1.03 0.00	37.71 -0.46 0.00	39.90 -1.23 0.00	46.72 -1.44 0.00	47.29 -2.70 0.00	42.18 -2.69 0.00	36.15 -0.96 0.00	31.63 -0.94 0.00	31.68 -0.98 0.00	32.60 -1.11 0.00	33.15 -1.10 0.00	34.03 -1.72 0.00	38.90 -2.93 0.00	52.40 -3.34 0.00	67.72 -3.71 0.00	69.06 -3.71 0.00	61.40 -4.06 0.00	53.78 -3.99 0.00	48.55 -3.94 0.00	44.46 -2.59 0.00	41.70 -1.69 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	49.91 1.31 0.00	53.04 1.59 0.00	51.59 1.50 0.00	42.95 1.33 0.00	40.85 1.31 0.00	39.43 1.26 0.00	42.46 1.32 0.00	49.80 1.64 0.00	51.59 1.60 0.00	46.21 1.35 0.00	38.04 0.93 0.00	33.39 0.81 0.00	33.51 0.85 0.00	34.55 0.84 0.00	35.03 0.79 0.00	36.57 0.82 0.00	42.92 1.09 0.00	56.75 1.00 0.00	72.44 1.00 0.00	73.72 0.95 0.00	66.44 0.98 0.00	58.80 1.04 0.00	53.27 0.79 0.00	48.03 0.99 0.00	44.30 0.91 0.00
LACHUTE____HYDRO 323717	51.56 2.96 0.00	54.58 3.14 0.00	53.19 3.11 0.00	44.12 2.50 0.00	41.96 2.41 0.00	40.30 2.14 0.00	43.73 2.59 0.00	50.90 2.74 0.00	52.74 2.75 0.00	46.75 1.88 0.00	38.34 1.22 0.00	33.33 0.75 0.00	33.28 0.62 0.00	34.42 0.71 0.00	35.20 0.96 0.00	36.89 1.14 0.00	43.63 1.80 0.00	59.15 3.40 0.00	76.65 5.21 0.00	78.37 5.60 0.00	70.70 5.24 0.00	62.15 4.39 0.00	56.27 3.78 0.00	49.96 2.92 0.00	45.99 2.60 0.00
LAWRNCAY_115KV_TB1 80681	50.16 1.56 0.00	53.19 1.75 0.00	51.69 1.60 0.00	43.08 1.46 0.00	40.93 1.38 0.00	39.50 1.34 0.00	42.58 1.44 0.00	49.89 1.73 0.00	51.64 1.65 0.00	46.17 1.30 0.00	38.00 0.89 0.00	33.36 0.78 0.00	33.51 0.85 0.00	34.58 0.88 0.00	35.03 0.79 0.00	36.57 0.82 0.00	42.88 1.05 0.00	57.09 1.34 0.00	73.15 1.71 0.00	74.66 1.89 0.00	67.36 1.90 0.00	59.61 1.85 0.00	54.06 1.57 0.00	48.50 1.46 0.00	44.52 1.13 0.00
LEDERLE____ 23769	51.18 2.58 0.00	53.55 2.11 0.00	52.39 2.30 0.00	43.66 2.04 0.00	41.44 1.90 0.00	39.96 1.79 0.00	43.15 2.02 0.00	50.52 2.36 0.00	52.44 2.45 0.00	47.34 2.47 0.00	39.08 1.97 0.00	34.40 1.82 0.00	34.52 1.86 0.00	35.73 2.02 0.00	36.23 1.99 0.00	37.93 2.18 0.00	44.63 2.80 0.00	59.20 3.46 0.00	75.65 4.21 0.00	76.85 4.08 0.00	69.06 3.60 0.00	60.88 3.12 0.00	55.58 3.10 0.00	49.87 2.82 0.00	45.90 2.52 0.00
LIGHTHSE_115KV_TB6 355974	47.87 -0.73 0.00	50.77 -0.67 0.00	49.29 -0.80 0.00	41.08 -0.54 0.00	38.99 -0.55 0.00	37.75 -0.42 0.00	40.60 -0.53 0.00	47.49 -0.67 0.00	49.14 -0.85 0.00	44.02 -0.85 0.00	36.45 -0.67 0.00	31.99 -0.59 0.00	32.07 -0.59 0.00	33.03 -0.67 0.00	33.53 -0.72 0.00	34.92 -0.82 0.00	40.87 -0.96 0.00	54.80 -0.95 0.00	70.51 -0.93 0.00	71.90 -0.87 0.00	64.67 -0.79 0.00	56.95 -0.81 0.00	51.86 -0.63 0.00	46.48 -0.56 0.00	42.82 -0.56 0.00
LINDEN COGEN____ 23786	47.72 2.28 3.16	46.52 1.65 6.57	46.52 1.95 5.52	43.37 1.75 0.00	41.17 1.62 0.00	39.73 1.57 0.00	42.91 1.77 0.00	50.33 2.17 0.00	52.29 2.30 0.00	47.29 2.42 0.00	39.27 2.15 0.00	34.43 1.86 0.00	34.55 1.89 0.00	35.73 2.02 0.00	36.23 1.99 0.00	37.89 2.14 0.00	43.02 2.72 1.53	55.30 3.29 3.74	74.35 3.50 0.59	74.14 3.28 1.91	65.92 2.95 2.49	52.99 2.77 7.54	46.38 2.88 8.99	44.28 2.54 5.30	43.91 2.38 1.86
LINDHRST_69_KV_BK1 356055	49.03 1.75 1.32	49.15 0.67 2.96	49.25 0.95 1.79	43.91 2.29 0.00	41.61 2.06 0.00	40.23 2.06 0.00	43.57 2.43 0.00	48.66 1.30 0.80	49.44 1.15 1.70	47.52 2.65 0.00	38.64 1.52 0.00	34.57 1.99 0.00	34.75 2.09 0.00	36.07 2.36 0.00	36.78 2.53 0.00	38.97 3.22 0.00	46.19 3.89 -0.47	54.66 2.23 3.32	76.09 4.64 0.00	77.65 4.88 0.00	69.65 4.19 0.00	60.38 2.66 0.04	55.18 3.15 0.46	50.43 3.43 0.05	47.13 3.64 -0.10
LIPA_MISC_IPP 23656	47.11 0.49 1.98	47.03 -0.72 3.69	47.10 -0.35 2.63	42.70 1.08 0.00	40.45 0.91 0.00	39.12 0.95 0.00	42.41 1.28 0.00	47.06 0.10 1.20	47.79 -0.05 2.15	46.30 1.44 0.00	37.63 0.52 0.00	33.68 1.11 0.00	33.83 1.18 0.00	35.15 1.45 0.00	35.85 1.61 0.00	38.10 2.36 0.00	44.93 2.97 -0.13	52.22 0.84 4.36	74.15 2.71 0.00	75.75 2.98 0.00	67.88 2.42 0.00	59.03 1.33 0.06	53.79 1.99 0.70	49.14 2.31 0.21	45.94 2.69 0.14
LISF____SOLAR 323691	47.17 0.54 1.97	47.09 -0.67 3.68	47.16 -0.30 2.62	42.70 1.08 0.00	40.49 0.95 0.00	39.15 0.99 0.00	42.45 1.32 0.00	47.26 0.29 1.19	47.84 0.00 2.15	46.30 1.44 0.00	37.81 0.70 0.00	33.68 1.11 0.00	33.86 1.21 0.00	35.15 1.45 0.00	36.12 1.88 0.00	38.10 2.36 0.00	44.98 3.01 -0.14	52.34 0.95 4.35	73.72 2.29 0.00	75.31 2.55 0.00	67.68 2.23 0.00	59.03 1.33 0.06	53.37 1.57 0.69	48.96 2.12 0.20	45.94 2.69 0.14
LITTLE FALLS____HYD 24013	49.86 1.26 0.00	52.88 1.44 0.00	51.54 1.45 0.00	42.83 1.21 0.00	40.69 1.15 0.00	39.31 1.15 0.00	42.37 1.23 0.00	49.56 1.40 0.00	51.44 1.45 0.00	46.13 1.26 0.00	38.12 1.00 0.00	33.46 0.88 0.00	33.54 0.88 0.00	34.62 0.91 0.00	35.10 0.86 0.00	36.64 0.89 0.00	42.96 1.13 0.00	57.42 1.67 0.00	73.58 2.14 0.00	75.10 2.33 0.00	67.62 2.16 0.00	59.61 1.85 0.00	54.22 1.73 0.00	48.50 1.46 0.00	44.73 1.35 0.00

LITTLRIV_115KV_TB1 356100	50.69 2.09 0.00	53.81 2.37 0.00	52.29 2.20 0.00	43.58 1.96 0.00	41.36 1.82 0.00	39.96 1.79 0.00	43.07 1.93 0.00	50.47 2.31 0.00	52.19 2.20 0.00	46.53 1.66 0.00	38.15 1.04 0.00	33.46 0.88 0.00	33.64 0.98 0.00	34.72 1.01 0.00	35.13 0.89 0.00	36.68 0.93 0.00	43.09 1.25 0.00	57.53 1.78 0.00	73.94 2.50 0.00	75.54 2.77 0.00	68.21 2.75 0.00	60.30 2.54 0.00	54.69 2.20 0.00	49.02 1.98 0.00	44.99 1.61 0.00
LI_NEWBRDGE___DRP 323616	47.86 1.46 2.20	47.89 0.41 3.96	47.86 0.70 2.93	43.49 1.87 0.01	41.20 1.66 0.01	39.84 1.68 0.01	43.15 2.02 0.01	47.88 1.06 1.34	48.62 0.95 2.32	47.10 2.24 0.01	38.37 1.26 0.01	34.26 1.69 0.01	34.45 1.80 0.01	35.76 2.06 0.01	36.43 2.19 0.01	38.56 2.82 0.01	45.41 3.56 -0.02	52.80 1.78 4.74	74.93 3.50 0.01	76.40 3.64 0.01	68.60 3.14 0.01	59.77 2.08 0.07	54.39 2.68 0.78	49.80 3.01 0.26	46.42 3.25 0.22
LOCKPORT_115KV_TB60_63_64 80432	46.41 -2.19 0.00	50.51 -0.93 0.00	48.43 -1.65 0.00	40.66 -0.96 0.00	38.60 -0.95 0.00	37.86 -0.31 0.00	39.95 -1.19 0.00	46.62 -1.54 0.00	46.74 -3.25 0.00	41.59 -3.28 0.00	35.89 -1.22 0.00	31.37 -1.21 0.00	31.39 -1.27 0.00	32.29 -1.42 0.00	32.87 -1.37 0.00	33.64 -2.11 0.00	38.28 -3.56 0.00	51.73 -4.01 0.00	67.01 -4.43 0.00	68.40 -4.37 0.00	60.68 -4.78 0.00	52.97 -4.79 0.00	47.71 -4.78 0.00	44.03 -3.01 0.00	41.70 -1.69 0.00
LOCKPORT___CC1 323769	46.41 -2.19 0.00	50.52 -0.92 0.00	48.44 -1.65 0.00	40.67 -0.96 0.00	38.56 -0.99 0.00	37.86 -0.31 0.00	39.91 -1.23 0.00	46.28 -1.88 0.00	46.79 -3.20 0.00	41.64 -3.23 0.00	35.07 -2.04 0.00	31.41 -1.17 0.00	31.42 -1.24 0.00	32.36 -1.35 0.00	32.67 -1.57 0.00	33.67 -2.07 0.00	38.32 -3.51 0.00	51.46 -4.29 0.00	67.08 -4.36 0.00	68.55 -4.22 0.00	60.68 -4.78 0.00	52.91 -4.85 0.00	47.13 -5.35 0.00	43.99 -3.06 0.00	41.65 -1.74 0.00
LOCKPORT___CC2 323770	46.41 -2.19 0.00	50.52 -0.92 0.00	48.44 -1.65 0.00	40.67 -0.96 0.00	38.56 -0.99 0.00	37.86 -0.31 0.00	39.91 -1.23 0.00	46.28 -1.88 0.00	46.79 -3.20 0.00	41.64 -3.23 0.00	35.07 -2.04 0.00	31.41 -1.17 0.00	31.42 -1.24 0.00	32.36 -1.35 0.00	32.67 -1.57 0.00	33.67 -2.07 0.00	38.32 -3.51 0.00	51.46 -4.29 0.00	67.08 -4.36 0.00	68.55 -4.22 0.00	60.68 -4.78 0.00	52.91 -4.85 0.00	47.13 -5.35 0.00	43.99 -3.06 0.00	41.65 -1.74 0.00
LOCKPORT___CC3 323771	46.41 -2.19 0.00	50.52 -0.92 0.00	48.44 -1.65 0.00	40.67 -0.96 0.00	38.56 -0.99 0.00	37.86 -0.31 0.00	39.91 -1.23 0.00	46.28 -1.88 0.00	46.79 -3.20 0.00	41.64 -3.23 0.00	35.07 -2.04 0.00	31.41 -1.17 0.00	31.42 -1.24 0.00	32.36 -1.35 0.00	32.67 -1.57 0.00	33.67 -2.07 0.00	38.32 -3.51 0.00	51.46 -4.29 0.00	67.08 -4.36 0.00	68.55 -4.22 0.00	60.68 -4.78 0.00	52.91 -4.85 0.00	47.13 -5.35 0.00	43.99 -3.06 0.00	41.65 -1.74 0.00
LOCUSVLY_69_KV_BK2 55797	49.92 1.99 0.67	50.69 1.08 1.83	50.51 1.35 0.93	43.71 2.08 -0.01	41.45 1.90 -0.01	40.04 1.87 -0.01	43.37 2.22 -0.01	49.40 1.64 0.40	50.55 1.60 1.04	47.39 2.51 -0.01	38.75 1.63 -0.01	34.51 1.92 -0.01	34.66 1.99 -0.01	35.97 2.26 -0.01	36.61 2.36 -0.01	38.61 2.86 -0.01	46.01 3.60 -0.58	56.30 2.51 1.95	75.52 4.07 -0.01	77.00 4.22 -0.01	69.07 3.60 -0.01	60.40 2.66 0.01	55.30 3.04 0.23	50.28 3.20 -0.03	46.87 3.30 -0.18
LONG_LAKE_PHOENIX 24014	47.19 -1.41 0.00	50.05 -1.39 0.00	48.63 -1.45 0.00	40.46 -1.17 0.00	38.44 -1.11 0.00	37.18 -0.99 0.00	39.99 -1.15 0.00	46.76 -1.40 0.00	48.49 -1.50 0.00	43.57 -1.30 0.00	36.15 -0.96 0.00	31.76 -0.81 0.00	31.84 -0.82 0.00	32.83 -0.88 0.00	33.32 -0.92 0.00	34.71 -1.04 0.00	40.49 -1.34 0.00	54.13 -1.62 0.00	69.58 -1.86 0.00	70.88 -1.89 0.00	63.69 -1.77 0.00	56.14 -1.62 0.00	51.02 -1.47 0.00	45.73 -1.32 0.00	42.26 -1.13 0.00
LOVETT___3 23632	50.93 2.33 0.00	53.29 1.85 0.00	52.14 2.05 0.00	43.45 1.83 0.00	41.25 1.70 0.00	39.77 1.60 0.00	42.91 1.77 0.00	50.28 2.12 0.00	52.24 2.25 0.00	47.11 2.24 0.00	38.93 1.82 0.00	34.27 1.69 0.00	34.39 1.73 0.00	35.60 1.89 0.00	36.09 1.85 0.00	37.75 2.00 0.00	44.42 2.59 0.00	58.87 3.12 0.00	75.08 3.64 0.00	76.34 3.57 0.00	68.60 3.14 0.00	60.53 2.77 0.00	55.27 2.78 0.00	49.59 2.54 0.00	45.69 2.30 0.00
LOVETT___4 23642	50.93 2.33 0.00	53.29 1.85 0.00	52.14 2.05 0.00	43.45 1.83 0.00	41.25 1.70 0.00	39.77 1.60 0.00	42.91 1.77 0.00	50.28 2.12 0.00	52.24 2.25 0.00	47.11 2.24 0.00	38.93 1.82 0.00	34.27 1.69 0.00	34.39 1.73 0.00	35.60 1.89 0.00	36.09 1.85 0.00	37.75 2.00 0.00	44.42 2.59 0.00	58.87 3.12 0.00	75.08 3.64 0.00	76.34 3.57 0.00	68.60 3.14 0.00	60.53 2.77 0.00	55.27 2.78 0.00	49.59 2.54 0.00	45.69 2.30 0.00
LOVETT___5 23593	50.93 2.33 0.00	53.29 1.85 0.00	52.14 2.05 0.00	43.45 1.83 0.00	41.25 1.70 0.00	39.77 1.60 0.00	42.91 1.77 0.00	50.28 2.12 0.00	52.24 2.25 0.00	47.11 2.24 0.00	38.93 1.82 0.00	34.27 1.69 0.00	34.39 1.73 0.00	35.60 1.89 0.00	36.09 1.85 0.00	37.75 2.00 0.00	44.42 2.59 0.00	58.87 3.12 0.00	75.08 3.64 0.00	76.34 3.57 0.00	68.60 3.14 0.00	60.53 2.77 0.00	55.27 2.78 0.00	49.59 2.54 0.00	45.69 2.30 0.00
LOWER RAQUET___HYD 24057	50.20 1.60 0.00	53.24 1.80 0.00	51.74 1.65 0.00	43.12 1.50 0.00	40.97 1.42 0.00	39.54 1.37 0.00	42.62 1.48 0.00	49.94 1.78 0.00	51.69 1.70 0.00	46.21 1.34 0.00	38.00 0.89 0.00	33.36 0.78 0.00	33.51 0.85 0.00	34.58 0.87 0.00	35.03 0.79 0.00	36.53 0.79 0.00	42.88 1.05 0.00	57.08 1.34 0.00	73.23 1.79 0.00	74.74 1.97 0.00	67.42 1.96 0.00	59.66 1.90 0.00	54.22 1.73 0.00	48.65 1.60 0.00	44.56 1.17 0.00
LOWER___HUDSON 24059	49.62 1.02 0.00	52.37 0.93 0.00	51.14 1.05 0.00	42.25 0.63 0.00	40.14 0.59 0.00	38.51 0.34 0.00	41.76 0.62 0.00	48.98 0.82 0.00	51.19 1.20 0.00	45.85 0.99 0.00	37.74 0.63 0.00	32.97 0.39 0.00	32.99 0.33 0.00	34.08 0.37 0.00	34.86 0.62 0.00	36.53 0.79 0.00	42.88 1.05 0.00	57.20 1.45 0.00	73.29 1.85 0.00	74.74 1.97 0.00	67.36 1.90 0.00	59.44 1.68 0.00	54.12 1.63 0.00	48.08 1.03 0.00	44.34 0.95 0.00
LOWVILLE_115KV_TB2 356335	49.52 0.92 0.00	52.52 1.08 0.00	50.99 0.90 0.00	42.50 0.87 0.00	40.34 0.79 0.00	39.01 0.84 0.00	42.04 0.91 0.00	49.27 1.11 0.00	50.94 0.95 0.00	45.45 0.58 0.00	37.34 0.22 0.00	32.71 0.13 0.00	32.82 0.16 0.00	33.88 0.17 0.00	34.31 0.07 0.00	35.82 0.07 0.00	42.08 0.25 0.00	56.47 0.72 0.00	72.80 1.36 0.00	74.52 1.75 0.00	67.16 1.70 0.00	59.15 1.39 0.00	53.75 1.26 0.00	48.08 1.04 0.00	44.21 0.82 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	50.11 1.51 0.00	52.98 1.54 0.00	51.69 1.60 0.00	42.79 1.17 0.00	40.65 1.11 0.00	39.08 0.92 0.00	42.33 1.19 0.00	49.41 1.25 0.00	51.49 1.50 0.00	46.04 1.17 0.00	37.78 0.67 0.00	33.07 0.49 0.00	33.08 0.42 0.00	34.18 0.47 0.00	34.90 0.65 0.00	36.60 0.86 0.00	43.04 1.21 0.00	57.70 1.95 0.00	74.15 2.71 0.00	75.61 2.84 0.00	68.08 2.62 0.00	60.01 2.25 0.00	54.53 2.05 0.00	48.65 1.60 0.00	44.82 1.43 0.00

LUTHERNY_35_KV_BK2 355980	50.16 1.56 0.00	52.98 1.54 0.00	51.69 1.60 0.00	42.83 1.21 0.00	40.65 1.11 0.00	39.08 0.92 0.00	42.33 1.19 0.00	49.46 1.30 0.00	51.54 1.55 0.00	46.04 1.17 0.00	37.82 0.71 0.00	33.07 0.49 0.00	33.08 0.42 0.00	34.18 0.47 0.00	34.93 0.68 0.00	36.60 0.86 0.00	43.04 1.21 0.00	57.70 1.95 0.00	74.23 2.79 0.00	75.61 2.84 0.00	68.14 2.68 0.00	60.07 2.31 0.00	54.53 2.05 0.00	48.65 1.60 0.00	44.82 1.43 0.00
LWR___OSWEGATCHIE_HYD 23850	49.67 1.07 0.00	52.73 1.29 0.00	51.14 1.05 0.00	42.66 1.04 0.00	40.49 0.95 0.00	39.16 0.99 0.00	42.17 1.03 0.00	49.41 1.25 0.00	51.14 1.15 0.00	45.63 0.76 0.00	37.52 0.41 0.00	32.90 0.33 0.00	33.05 0.39 0.00	34.08 0.37 0.00	34.52 0.27 0.00	36.03 0.29 0.00	42.21 0.38 0.00	56.47 0.72 0.00	72.58 1.14 0.00	74.23 1.46 0.00	66.97 1.51 0.00	59.20 1.44 0.00	53.80 1.31 0.00	48.17 1.13 0.00	44.26 0.87 0.00
LYONS_FALL_HYD 23570	49.48 0.88 0.00	52.47 1.03 0.00	50.94 0.85 0.00	42.45 0.83 0.00	40.29 0.75 0.00	38.97 0.80 0.00	42.00 0.87 0.00	49.17 1.01 0.00	50.94 0.95 0.00	45.50 0.63 0.00	37.45 0.33 0.00	32.81 0.23 0.00	32.95 0.29 0.00	33.98 0.27 0.00	34.45 0.21 0.00	35.93 0.18 0.00	42.21 0.38 0.00	56.59 0.84 0.00	72.79 1.35 0.00	74.45 1.68 0.00	67.03 1.57 0.00	59.03 1.27 0.00	53.59 1.10 0.00	47.99 0.94 0.00	44.17 0.78 0.00
MADISON___COUNTY_LFGE 323628	49.43 0.83 0.00	52.42 0.98 0.00	51.04 0.95 0.00	42.45 0.83 0.00	40.30 0.75 0.00	38.97 0.80 0.00	42.00 0.86 0.00	49.22 1.06 0.00	50.94 0.95 0.00	45.59 0.72 0.00	37.63 0.52 0.00	32.94 0.36 0.00	33.08 0.42 0.00	34.11 0.40 0.00	34.62 0.38 0.00	36.10 0.36 0.00	42.33 0.50 0.00	56.70 0.95 0.00	72.94 1.50 0.00	74.44 1.67 0.00	66.97 1.51 0.00	58.97 1.21 0.00	53.54 1.05 0.00	47.94 0.89 0.00	44.21 0.82 0.00
MALONE___115KV_TB1 356076	50.01 1.41 0.00	53.14 1.70 0.00	51.64 1.55 0.00	43.04 1.42 0.00	40.89 1.34 0.00	39.47 1.30 0.00	42.54 1.40 0.00	49.89 1.73 0.00	51.69 1.70 0.00	46.30 1.44 0.00	38.12 1.00 0.00	33.42 0.85 0.00	33.57 0.91 0.00	34.65 0.94 0.00	35.07 0.82 0.00	36.60 0.86 0.00	42.96 1.13 0.00	57.09 1.34 0.00	73.01 1.57 0.00	74.37 1.60 0.00	67.10 1.64 0.00	59.38 1.62 0.00	53.80 1.31 0.00	48.32 1.27 0.00	44.34 0.95 0.00
MAPLEWOD_115KV_TB3 80458	49.72 1.12 0.00	52.47 1.03 0.00	51.24 1.15 0.00	42.41 0.79 0.00	40.30 0.75 0.00	38.74 0.57 0.00	41.92 0.78 0.00	49.03 0.87 0.00	51.24 1.25 0.00	45.90 1.03 0.00	37.74 0.63 0.00	33.10 0.52 0.00	33.15 0.49 0.00	34.25 0.54 0.00	34.93 0.68 0.00	36.64 0.89 0.00	42.96 1.13 0.00	57.25 1.51 0.00	73.44 2.00 0.00	74.81 2.04 0.00	67.42 1.96 0.00	59.44 1.68 0.00	54.11 1.63 0.00	48.27 1.22 0.00	44.47 1.08 0.00
MAPLE_RIDGE_WT_1 323574	48.70 0.10 0.00	51.54 0.10 0.00	50.24 0.15 0.00	41.71 0.08 0.00	39.62 0.08 0.00	38.24 0.08 0.00	41.22 0.08 0.00	48.31 0.14 0.00	50.14 0.15 0.00	45.00 0.14 0.00	37.15 0.04 0.00	32.58 0.00 0.00	32.59 -0.07 0.00	33.57 -0.13 0.00	34.07 -0.17 0.00	35.60 -0.14 0.00	41.75 -0.08 0.00	55.64 -0.11 0.00	71.23 -0.21 0.00	72.48 -0.29 0.00	65.07 -0.39 0.00	57.24 -0.52 0.00	51.80 -0.68 0.00	46.20 -0.85 0.00	42.43 -0.95 0.00
MAPLE_RIDGE_WT_2 323611	48.70 0.10 0.00	51.54 0.10 0.00	50.24 0.15 0.00	41.71 0.08 0.00	39.62 0.08 0.00	38.24 0.08 0.00	41.22 0.08 0.00	48.31 0.14 0.00	50.14 0.15 0.00	45.00 0.14 0.00	37.15 0.04 0.00	32.58 0.00 0.00	32.59 -0.07 0.00	33.57 -0.13 0.00	34.07 -0.17 0.00	35.60 -0.14 0.00	41.75 -0.08 0.00	55.64 -0.11 0.00	71.23 -0.21 0.00	72.48 -0.29 0.00	65.07 -0.39 0.00	57.24 -0.52 0.00	51.80 -0.68 0.00	46.20 -0.85 0.00	42.43 -0.95 0.00
MARBLE_RIVER_WT_PWR 323696	49.23 0.63 0.00	52.31 0.87 0.00	50.89 0.80 0.00	42.37 0.75 0.00	40.29 0.75 0.00	38.89 0.72 0.00	41.92 0.78 0.00	49.12 0.96 0.00	50.94 0.95 0.00	45.63 0.76 0.00	37.60 0.48 0.00	32.97 0.39 0.00	33.08 0.42 0.00	34.11 0.41 0.00	34.59 0.34 0.00	36.14 0.39 0.00	42.42 0.59 0.00	56.19 0.44 0.00	71.73 0.29 0.00	73.06 0.29 0.00	65.79 0.33 0.00	58.17 0.41 0.00	52.90 0.42 0.00	47.70 0.66 0.00	43.73 0.35 0.00
MARSHVLE_115KV_TB1 80742	50.45 1.85 0.00	53.34 1.90 0.00	51.99 1.90 0.00	43.16 1.54 0.00	41.01 1.46 0.00	39.54 1.37 0.00	42.78 1.65 0.00	50.04 1.88 0.00	51.39 1.40 0.00	45.23 0.36 0.00	36.97 -0.15 0.00	32.28 -0.29 0.00	32.37 -0.29 0.00	33.47 -0.24 0.00	34.11 -0.14 0.00	35.78 0.04 0.00	42.54 0.71 0.00	57.76 2.01 0.00	74.80 3.36 0.00	76.41 3.64 0.00	68.80 3.34 0.00	60.71 2.95 0.00	54.95 2.47 0.00	49.02 1.98 0.00	45.08 1.69 0.00
MARSH_HILL_WT_PWR 323713	48.16 -0.44 0.00	52.06 0.62 0.00	50.04 -0.05 0.00	41.95 0.33 0.00	39.78 0.24 0.00	38.93 0.76 0.00	41.22 0.08 0.00	48.11 -0.05 0.00	49.19 -0.80 0.00	43.79 -1.08 0.00	36.52 -0.60 0.00	32.32 -0.26 0.00	32.27 -0.39 0.00	33.24 -0.47 0.00	33.66 -0.58 0.00	34.78 -0.96 0.00	40.03 -1.80 0.00	54.08 -1.67 0.00	70.87 -0.57 0.00	72.62 -0.15 0.00	64.28 -1.18 0.00	56.03 -1.73 0.00	49.86 -2.62 0.00	45.68 -1.37 0.00	42.35 -1.04 0.00
MCINTYRE_115KV_TB2 80467	50.88 2.28 0.00	54.01 2.57 0.00	52.49 2.40 0.00	43.74 2.12 0.00	41.52 1.98 0.00	40.11 1.95 0.00	43.28 2.14 0.00	50.71 2.55 0.00	52.39 2.40 0.00	46.62 1.75 0.00	38.19 1.08 0.00	33.49 0.91 0.00	33.64 0.98 0.00	34.72 1.01 0.00	35.17 0.92 0.00	36.71 0.97 0.00	43.13 1.30 0.00	57.64 1.90 0.00	74.15 2.71 0.00	75.90 3.13 0.00	68.54 3.08 0.00	60.59 2.83 0.00	54.90 2.41 0.00	49.26 2.21 0.00	45.17 1.78 0.00
MECO_____69_KV_BK1 80468	51.08 2.48 0.00	54.06 2.62 0.00	52.69 2.60 0.00	43.74 2.12 0.00	41.56 2.02 0.00	40.00 1.83 0.00	43.32 2.18 0.00	50.67 2.50 0.00	52.09 2.10 0.00	45.77 0.90 0.00	37.34 0.22 0.00	32.51 -0.07 0.00	32.53 -0.13 0.00	33.64 -0.07 0.00	34.35 0.10 0.00	36.14 0.39 0.00	43.04 1.21 0.00	58.65 2.90 0.00	75.94 4.50 0.00	77.57 4.80 0.00	69.91 4.45 0.00	61.51 3.75 0.00	55.74 3.25 0.00	49.68 2.63 0.00	45.64 2.26 0.00
MENANDS___115KV_TB5 355628	49.62 1.02 0.00	52.32 0.87 0.00	51.09 1.00 0.00	42.29 0.67 0.00	40.18 0.63 0.00	38.63 0.46 0.00	41.80 0.66 0.00	48.88 0.72 0.00	51.14 1.15 0.00	45.86 0.99 0.00	37.71 0.59 0.00	33.07 0.49 0.00	33.12 0.46 0.00	34.21 0.51 0.00	34.90 0.65 0.00	36.60 0.86 0.00	42.92 1.09 0.00	57.09 1.34 0.00	73.23 1.79 0.00	74.59 1.82 0.00	67.16 1.70 0.00	59.26 1.50 0.00	53.96 1.47 0.00	48.13 1.08 0.00	44.34 0.95 0.00
MG INDUSTRY___DRP 24185	49.77 1.17 0.00	52.52 1.08 0.00	51.24 1.15 0.00	42.50 0.87 0.00	40.38 0.83 0.00	38.89 0.73 0.00	42.00 0.86 0.00	49.12 0.96 0.00	51.14 1.15 0.00	45.77 0.90 0.00	37.67 0.56 0.00	33.03 0.46 0.00	33.08 0.42 0.00	34.18 0.47 0.00	34.83 0.58 0.00	36.50 0.75 0.00	42.88 1.05 0.00	57.14 1.39 0.00	73.30 1.86 0.00	74.66 1.89 0.00	67.23 1.77 0.00	59.32 1.56 0.00	54.01 1.52 0.00	48.27 1.22 0.00	44.47 1.08 0.00

MID___OSWEGATCHIE_HYD 23849	49.67 1.07 0.00	52.73 1.29 0.00	51.14 1.05 0.00	42.66 1.04 0.00	40.49 0.95 0.00	39.16 0.99 0.00	42.17 1.03 0.00	49.41 1.25 0.00	51.14 1.15 0.00	45.63 0.76 0.00	37.52 0.41 0.00	32.90 0.33 0.00	33.05 0.39 0.00	34.08 0.37 0.00	34.52 0.27 0.00	36.03 0.29 0.00	42.21 0.38 0.00	56.47 0.72 0.00	72.58 1.14 0.00	74.23 1.46 0.00	66.97 1.51 0.00	59.20 1.44 0.00	53.80 1.31 0.00	48.17 1.13 0.00	44.26 0.87 0.00
MID___RAQUETTE_HYD 23851	50.20 1.60 0.00	53.24 1.80 0.00	51.74 1.65 0.00	43.12 1.50 0.00	40.97 1.42 0.00	39.54 1.37 0.00	42.62 1.48 0.00	49.94 1.78 0.00	51.69 1.70 0.00	46.21 1.35 0.00	38.00 0.89 0.00	33.36 0.78 0.00	33.51 0.85 0.00	34.58 0.88 0.00	35.03 0.79 0.00	36.53 0.79 0.00	42.88 1.05 0.00	57.09 1.34 0.00	73.23 1.79 0.00	74.73 1.96 0.00	67.42 1.96 0.00	59.67 1.91 0.00	54.11 1.63 0.00	48.55 1.51 0.00	44.56 1.17 0.00
MILLIKEN___1 23584	49.18 0.58 0.00	52.21 0.77 0.00	50.74 0.65 0.00	42.20 0.58 0.00	40.10 0.55 0.00	38.82 0.65 0.00	41.67 0.53 0.00	48.88 0.72 0.00	50.54 0.55 0.00	45.27 0.40 0.00	37.49 0.37 0.00	32.84 0.26 0.00	32.89 0.23 0.00	33.91 0.20 0.00	34.45 0.21 0.00	35.85 0.11 0.00	41.96 0.13 0.00	56.31 0.56 0.00	72.73 1.29 0.00	74.23 1.46 0.00	66.51 1.05 0.00	58.57 0.81 0.00	53.06 0.58 0.00	47.66 0.61 0.00	43.99 0.61 0.00
MILLIKEN___2 23585	49.18 0.58 0.00	52.21 0.77 0.00	50.74 0.65 0.00	42.20 0.58 0.00	40.10 0.55 0.00	38.82 0.65 0.00	41.67 0.53 0.00	48.88 0.72 0.00	50.54 0.55 0.00	45.27 0.40 0.00	37.49 0.37 0.00	32.84 0.26 0.00	32.89 0.23 0.00	33.91 0.20 0.00	34.45 0.21 0.00	35.85 0.11 0.00	41.96 0.13 0.00	56.31 0.56 0.00	72.73 1.29 0.00	74.23 1.46 0.00	66.51 1.05 0.00	58.57 0.81 0.00	53.06 0.58 0.00	47.66 0.61 0.00	43.99 0.61 0.00
MILLIKEN___DIESEL 23629	49.18 0.58 0.00	52.21 0.77 0.00	50.74 0.65 0.00	42.20 0.58 0.00	40.10 0.55 0.00	38.82 0.65 0.00	41.67 0.53 0.00	48.88 0.72 0.00	50.54 0.55 0.00	45.27 0.40 0.00	37.49 0.37 0.00	32.84 0.26 0.00	32.89 0.23 0.00	33.91 0.20 0.00	34.45 0.21 0.00	35.85 0.11 0.00	41.96 0.13 0.00	56.31 0.56 0.00	72.73 1.29 0.00	74.23 1.46 0.00	66.51 1.05 0.00	58.57 0.81 0.00	53.06 0.58 0.00	47.66 0.61 0.00	43.99 0.61 0.00
MILLSEAT___LFGE 323607	47.19 -1.41 0.00	51.29 -0.15 0.00	49.19 -0.90 0.00	41.25 -0.38 0.00	39.07 -0.47 0.00	38.32 0.15 0.00	40.48 -0.66 0.00	46.96 -1.20 0.00	47.54 -2.45 0.00	42.27 -2.60 0.00	35.56 -1.56 0.00	31.70 -0.88 0.00	31.75 -0.91 0.00	32.66 -1.05 0.00	33.01 -1.23 0.00	34.03 -1.72 0.00	38.94 -2.89 0.00	52.40 -3.34 0.00	68.44 -3.00 0.00	70.00 -2.77 0.00	62.12 -3.34 0.00	54.18 -3.58 0.00	48.34 -4.15 0.00	44.79 -2.26 0.00	42.30 -1.08 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	50.93 2.33 0.00	53.29 1.85 0.00	52.14 2.05 0.00	43.45 1.83 0.00	41.25 1.70 0.00	39.77 1.60 0.00	42.91 1.77 0.00	50.33 2.17 0.00	52.24 2.25 0.00	47.16 2.29 0.00	38.93 1.82 0.00	34.27 1.69 0.00	34.39 1.73 0.00	35.60 1.89 0.00	36.09 1.85 0.00	37.75 2.00 0.00	44.42 2.59 0.00	58.87 3.12 0.00	75.08 3.64 0.00	76.34 3.57 0.00	68.60 3.14 0.00	60.53 2.77 0.00	55.32 2.83 0.00	49.63 2.59 0.00	45.69 2.30 0.00
MILLWOOD_13_KV_LOAD 356217	51.03 2.43 0.00	53.40 1.95 0.00	52.29 2.20 0.00	43.54 1.91 0.00	41.33 1.78 0.00	39.85 1.68 0.00	42.99 1.85 0.00	50.38 2.22 0.00	52.34 2.35 0.00	47.20 2.33 0.00	38.97 1.86 0.00	34.30 1.73 0.00	34.42 1.76 0.00	35.63 1.92 0.00	36.16 1.92 0.00	37.82 2.07 0.00	44.51 2.68 0.00	58.98 3.23 0.00	75.30 3.86 0.00	76.48 3.71 0.00	68.80 3.34 0.00	60.65 2.89 0.00	55.43 2.94 0.00	49.73 2.68 0.00	45.77 2.39 0.00
MODEL_CITY_ENERGY 24167	46.02 -2.58 0.00	50.16 -1.28 0.00	48.08 -2.01 0.00	40.41 -1.21 0.00	38.36 -1.19 0.00	37.63 -0.53 0.00	39.70 -1.44 0.00	45.95 -2.21 0.00	46.34 -3.65 0.00	41.19 -3.68 0.00	34.74 -2.38 0.00	31.11 -1.47 0.00	31.16 -1.50 0.00	32.06 -1.65 0.00	32.36 -1.88 0.00	33.35 -2.39 0.00	37.94 -3.89 0.00	50.95 -4.79 0.00	66.37 -5.07 0.00	67.75 -5.02 0.00	60.03 -5.43 0.00	52.33 -5.43 0.00	46.66 -5.83 0.00	43.56 -3.48 0.00	41.48 -1.91 0.00
MODERN_LFGE___ 323580	46.02 -2.58 0.00	50.16 -1.28 0.00	48.08 -2.01 0.00	40.41 -1.21 0.00	38.36 -1.19 0.00	37.63 -0.53 0.00	39.70 -1.44 0.00	45.95 -2.21 0.00	46.34 -3.65 0.00	41.19 -3.68 0.00	34.74 -2.38 0.00	31.11 -1.47 0.00	31.16 -1.50 0.00	32.06 -1.65 0.00	32.36 -1.88 0.00	33.35 -2.39 0.00	37.94 -3.89 0.00	50.95 -4.79 0.00	66.37 -5.07 0.00	67.75 -5.02 0.00	60.03 -5.43 0.00	52.33 -5.43 0.00	46.66 -5.83 0.00	43.56 -3.48 0.00	41.48 -1.91 0.00
MOHAWK_PAPER___DRP 24187	49.72 1.12 0.00	52.47 1.03 0.00	51.24 1.15 0.00	42.41 0.79 0.00	40.30 0.75 0.00	38.74 0.57 0.00	41.92 0.78 0.00	49.03 0.87 0.00	51.24 1.25 0.00	45.90 1.03 0.00	37.74 0.63 0.00	33.10 0.52 0.00	33.15 0.49 0.00	34.25 0.54 0.00	34.93 0.68 0.00	36.64 0.89 0.00	42.96 1.13 0.00	57.25 1.51 0.00	73.44 2.00 0.00	74.81 2.04 0.00	67.42 1.96 0.00	59.44 1.68 0.00	54.11 1.63 0.00	48.27 1.22 0.00	44.47 1.08 0.00
MOHICAN___35_KV_115KV_LD 80490	50.06 1.46 0.00	52.88 1.44 0.00	51.59 1.50 0.00	42.79 1.17 0.00	40.65 1.11 0.00	39.05 0.88 0.00	42.33 1.19 0.00	49.32 1.16 0.00	51.34 1.35 0.00	45.77 0.90 0.00	37.52 0.41 0.00	32.77 0.20 0.00	32.79 0.13 0.00	33.88 0.17 0.00	34.62 0.38 0.00	36.32 0.57 0.00	42.79 0.96 0.00	57.53 1.78 0.00	74.15 2.71 0.00	75.68 2.91 0.00	68.14 2.68 0.00	60.07 2.31 0.00	54.53 2.05 0.00	48.60 1.55 0.00	44.73 1.35 0.00
MONGAUP___HYD 23641	51.17 2.57 0.00	53.65 2.21 0.00	52.39 2.31 0.00	43.66 2.04 0.00	41.40 1.86 0.00	39.96 1.79 0.00	43.11 1.97 0.00	50.52 2.36 0.00	52.34 2.35 0.00	47.11 2.24 0.00	38.90 1.78 0.00	34.04 1.47 0.00	34.13 1.47 0.00	35.33 1.62 0.00	35.85 1.61 0.00	37.53 1.79 0.00	44.26 2.43 0.00	59.04 3.29 0.00	75.65 4.21 0.00	76.99 4.22 0.00	69.19 3.73 0.00	60.99 3.23 0.00	55.58 3.10 0.00	49.73 2.68 0.00	45.90 2.52 0.00
MONTAUK___DIESEL 23721	46.72 0.10 1.97	46.72 -1.03 3.69	47.06 -0.40 2.63	42.74 1.12 0.00	40.53 0.99 0.00	39.27 1.11 0.00	42.41 1.28 0.00	47.11 0.14 1.20	47.99 0.15 2.15	46.61 1.75 0.00	37.74 0.63 0.00	33.88 1.30 0.00	33.99 1.34 0.00	35.25 1.55 0.00	35.92 1.68 0.00	38.28 2.54 0.00	45.19 3.22 -0.13	52.73 1.34 4.36	75.22 3.79 0.00	76.91 4.15 0.00	69.06 3.60 0.00	59.95 2.25 0.06	54.68 2.89 0.69	49.94 3.11 0.21	46.59 3.34 0.14
MOONROAD_115KV_HARTFLD_TB1-2 355988	47.87 -0.73 0.00	52.01 0.57 0.00	49.89 -0.20 0.00	41.83 0.21 0.00	39.62 0.08 0.00	38.86 0.69 0.00	41.02 -0.12 0.00	48.16 0.00 0.00	48.69 -1.30 0.00	43.34 -1.53 0.00	37.26 0.15 0.00	32.64 0.07 0.00	32.59 -0.07 0.00	33.61 -0.10 0.00	34.18 -0.07 0.00	34.96 -0.79 0.00	39.78 -2.05 0.00	53.80 -1.95 0.00	69.94 -1.50 0.00	71.31 -1.46 0.00	62.97 -2.49 0.00	54.58 -3.18 0.00	48.76 -3.73 0.00	44.74 -2.31 0.00	41.65 -1.74 0.00

MORRIS_RIDGE___SOLAR 323848	47.43 -1.17 0.00	51.34 -0.10 0.00	49.39 -0.70 0.00	41.33 -0.29 0.00	39.19 -0.36 0.00	38.40 0.23 0.00	40.60 -0.54 0.00	47.34 -0.82 0.00	48.29 -1.70 0.00	42.99 -1.88 0.00	35.89 -1.22 0.00	31.83 -0.75 0.00	31.84 -0.82 0.00	32.83 -0.88 0.00	33.22 -1.03 0.00	34.28 -1.47 0.00	39.40 -2.43 0.00	53.07 -2.67 0.00	69.44 -2.00 0.00	71.10 -1.67 0.00	62.91 -2.55 0.00	54.87 -2.89 0.00	48.92 -3.57 0.00	45.07 -1.97 0.00	41.96 -1.43 0.00
MORTIMER_115KV_TB3 55949	47.43 -1.17 0.00	51.08 -0.36 0.00	49.24 -0.85 0.00	41.00 -0.62 0.00	38.91 -0.63 0.00	37.94 -0.23 0.00	40.36 -0.78 0.00	47.29 -0.87 0.00	48.19 -1.80 0.00	43.07 -1.79 0.00	36.52 -0.59 0.00	31.96 -0.62 0.00	32.04 -0.62 0.00	33.00 -0.71 0.00	33.53 -0.72 0.00	34.57 -1.18 0.00	39.91 -1.92 0.00	53.74 -2.01 0.00	69.44 -2.00 0.00	70.81 -1.96 0.00	63.23 -2.23 0.00	55.51 -2.25 0.00	50.13 -2.36 0.00	45.49 -1.55 0.00	42.35 -1.04 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	51.18 2.58 0.00	53.40 1.95 0.00	52.34 2.25 0.00	43.62 2.00 0.00	41.40 1.86 0.00	39.92 1.76 0.00	43.07 1.93 0.00	50.47 2.31 0.00	52.44 2.45 0.00	47.38 2.51 0.00	39.16 2.04 0.00	34.47 1.89 0.00	34.62 1.96 0.00	35.80 2.09 0.00	36.30 2.05 0.00	37.96 2.22 0.00	44.68 2.84 0.00	59.15 3.40 0.00	75.30 3.86 0.00	76.48 3.71 0.00	68.80 3.34 0.00	60.71 2.95 0.00	55.48 2.99 0.00	49.82 2.78 0.00	45.90 2.52 0.00
MUNSVILLE_WIND_PWR 323609	51.56 2.96 0.00	54.89 3.45 0.00	53.44 3.36 0.00	44.49 2.87 0.00	42.15 2.61 0.00	40.95 2.78 0.00	44.10 2.96 0.00	51.67 3.51 0.00	53.24 3.25 0.00	47.43 2.56 0.00	38.93 1.82 0.00	33.95 1.37 0.00	34.16 1.50 0.00	35.19 1.48 0.00	35.58 1.33 0.00	37.03 1.28 0.00	43.76 1.93 0.00	59.26 3.51 0.00	76.73 5.29 0.00	78.52 5.75 0.00	70.43 4.97 0.00	61.69 3.93 0.00	55.58 3.10 0.00	49.73 2.68 0.00	45.86 2.47 0.00
N SALMON___HYD 24042	50.01 1.41 0.00	53.14 1.70 0.00	51.64 1.55 0.00	43.04 1.42 0.00	40.89 1.35 0.00	39.47 1.30 0.00	42.54 1.40 0.00	49.89 1.73 0.00	51.69 1.70 0.00	46.30 1.44 0.00	38.12 1.00 0.00	33.42 0.85 0.00	33.57 0.91 0.00	34.65 0.94 0.00	35.06 0.82 0.00	36.60 0.86 0.00	42.96 1.13 0.00	57.08 1.34 0.00	73.01 1.57 0.00	74.37 1.60 0.00	67.10 1.64 0.00	59.38 1.62 0.00	53.95 1.47 0.00	48.51 1.46 0.00	44.34 0.95 0.00
N.AKRON__115KV_KNAPP 355671	47.09 -1.51 0.00	51.18 -0.26 0.00	49.14 -0.95 0.00	41.21 -0.42 0.00	39.03 -0.51 0.00	38.28 0.11 0.00	40.44 -0.70 0.00	47.25 -0.92 0.00	47.44 -2.55 0.00	42.22 -2.65 0.00	36.30 -0.82 0.00	31.70 -0.88 0.00	31.71 -0.95 0.00	32.63 -1.08 0.00	33.22 -1.03 0.00	34.03 -1.72 0.00	38.86 -2.97 0.00	52.63 -3.12 0.00	68.22 -3.21 0.00	69.71 -3.06 0.00	61.93 -3.53 0.00	54.12 -3.64 0.00	48.76 -3.73 0.00	44.79 -2.26 0.00	42.26 -1.13 0.00
N.E_GEN_SANDY PD 24062	49.57 0.97 0.00	52.31 0.87 0.00	51.09 1.00 0.00	42.08 0.46 0.00	39.94 0.40 0.00	38.21 0.04 0.00	41.55 0.41 0.00	46.60 0.67 0.00	53.62 1.40 0.00	46.08 1.21 0.00	37.82 0.70 0.00	33.00 0.42 0.00	33.02 0.36 0.00	34.08 0.37 0.00	34.96 0.72 0.00	36.67 0.93 0.00	42.96 1.13 0.00	57.14 1.39 0.00	73.15 1.71 0.00	74.66 1.89 0.00	67.36 1.90 0.00	59.38 1.62 0.00	54.17 1.68 0.00	47.99 0.94 0.00	44.30 0.91 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	51.03 2.43 0.00	53.40 1.95 0.00	52.24 2.15 0.00	43.54 1.91 0.00	41.29 1.74 0.00	39.81 1.64 0.00	42.99 1.85 0.00	50.38 2.22 0.00	52.29 2.30 0.00	47.20 2.33 0.00	38.97 1.86 0.00	34.30 1.73 0.00	34.42 1.76 0.00	35.63 1.92 0.00	36.13 1.88 0.00	37.78 2.04 0.00	44.47 2.64 0.00	58.98 3.23 0.00	75.30 3.86 0.00	76.48 3.71 0.00	68.73 3.27 0.00	60.65 2.89 0.00	55.37 2.89 0.00	49.68 2.63 0.00	45.73 2.34 0.00
N.QUEENS_27_KV_LOAD 356247	51.61 3.01 0.00	53.65 2.21 0.00	52.59 2.50 0.00	43.91 2.29 0.00	41.72 2.18 0.00	40.23 2.06 0.00	43.11 1.97 0.00	50.28 2.12 0.00	52.04 2.05 0.00	46.97 2.11 0.01	38.93 1.82 0.00	34.34 1.76 0.00	34.49 1.83 0.00	35.70 1.99 0.00	36.16 1.92 0.00	37.82 2.07 0.00	44.42 2.59 0.00	58.75 3.01 0.01	74.93 3.50 0.01	76.18 3.42 0.01	68.40 2.95 0.01	60.24 2.48 0.01	55.10 2.62 0.01	49.87 2.82 0.00	46.08 2.69 0.00
N.TROY___115KV_TB1 355778	49.62 1.02 0.00	52.37 0.93 0.00	51.14 1.05 0.00	42.25 0.62 0.00	40.14 0.59 0.00	38.51 0.34 0.00	41.76 0.62 0.00	48.88 0.72 0.00	51.19 1.20 0.00	45.86 0.99 0.00	37.63 0.52 0.00	32.97 0.39 0.00	32.99 0.33 0.00	34.08 0.37 0.00	34.83 0.58 0.00	36.53 0.79 0.00	42.88 1.05 0.00	57.14 1.39 0.00	73.30 1.86 0.00	74.73 1.96 0.00	67.36 1.90 0.00	59.38 1.62 0.00	54.06 1.57 0.00	48.13 1.08 0.00	44.39 1.00 0.00
NARROWS_GT1_1 24228	51.56 2.96 0.00	53.50 2.06 0.00	52.54 2.45 0.00	43.91 2.29 0.00	41.68 2.13 0.00	40.19 2.02 0.00	43.11 1.97 0.00	50.42 2.26 0.00	52.19 2.20 0.00	47.10 2.24 0.01	39.19 2.08 0.00	34.34 1.76 0.00	34.49 1.83 0.00	35.70 1.99 0.00	36.23 1.99 0.00	37.89 2.14 0.00	44.55 2.72 0.00	58.92 3.18 0.01	75.29 3.86 0.01	76.40 3.64 0.01	68.66 3.21 0.01	60.58 2.83 0.01	55.26 2.78 0.01	49.87 2.82 0.00	46.17 2.78 0.00
NARROWS_GT1_2 24229	51.56 2.96 0.00	53.50 2.06 0.00	52.54 2.45 0.00	43.91 2.29 0.00	41.68 2.13 0.00	40.19 2.02 0.00	43.11 1.97 0.00	50.42 2.26 0.00	52.19 2.20 0.00	47.10 2.24 0.01	39.19 2.08 0.00	34.34 1.76 0.00	34.49 1.83 0.00	35.70 1.99 0.00	36.23 1.99 0.00	37.89 2.14 0.00	44.55 2.72 0.00	58.92 3.18 0.01	75.29 3.86 0.01	76.40 3.64 0.01	68.66 3.21 0.01	60.58 2.83 0.01	55.26 2.78 0.01	49.87 2.82 0.00	46.17 2.78 0.00
NARROWS_GT1_3 24230	51.56 2.96 0.00	53.50 2.06 0.00	52.54 2.45 0.00	43.91 2.29 0.00	41.68 2.13 0.00	40.19 2.02 0.00	43.11 1.97 0.00	50.42 2.26 0.00	52.19 2.20 0.00	47.10 2.24 0.01	39.19 2.08 0.00	34.34 1.76 0.00	34.49 1.83 0.00	35.70 1.99 0.00	36.23 1.99 0.00	37.89 2.14 0.00	44.55 2.72 0.00	58.92 3.18 0.01	75.29 3.86 0.01	76.40 3.64 0.01	68.66 3.21 0.01	60.58 2.83 0.01	55.26 2.78 0.01	49.87 2.82 0.00	46.17 2.78 0.00
NARROWS_GT1_4 24231	51.56 2.96 0.00	53.50 2.06 0.00	52.54 2.45 0.00	43.91 2.29 0.00	41.68 2.13 0.00	40.19 2.02 0.00	43.11 1.97 0.00	50.42 2.26 0.00	52.19 2.20 0.00	47.10 2.24 0.01	39.19 2.08 0.00	34.34 1.76 0.00	34.49 1.83 0.00	35.70 1.99 0.00	36.23 1.99 0.00	37.89 2.14 0.00	44.55 2.72 0.00	58.92 3.18 0.01	75.29 3.86 0.01	76.40 3.64 0.01	68.66 3.21 0.01	60.58 2.83 0.01	55.26 2.78 0.01	49.87 2.82 0.00	46.17 2.78 0.00
NARROWS_GT1_5 24232	51.56 2.96 0.00	53.50 2.06 0.00	52.54 2.45 0.00	43.91 2.29 0.00	41.68 2.13 0.00	40.19 2.02 0.00	43.11 1.97 0.00	50.42 2.26 0.00	52.19 2.20 0.00	47.10 2.24 0.01	39.19 2.08 0.00	34.34 1.76 0.00	34.49 1.83 0.00	35.70 1.99 0.00	36.23 1.99 0.00	37.89 2.14 0.00	44.55 2.72 0.00	58.92 3.18 0.01	75.29 3.86 0.01	76.40 3.64 0.01	68.66 3.21 0.01	60.58 2.83 0.01	55.26 2.78 0.01	49.87 2.82 0.00	46.17 2.78 0.00

NARROWS_GT1_6 24233	51.56 2.96 0.00	53.50 2.06 0.00	52.54 2.45 0.00	43.91 2.29 0.00	41.68 2.13 0.00	40.19 2.02 0.00	43.11 1.97 0.00	50.42 2.26 0.00	52.19 2.20 0.00	47.10 2.24 0.01	39.19 2.08 0.00	34.34 1.76 0.00	34.49 1.83 0.00	35.70 1.99 0.00	36.23 1.99 0.00	37.89 2.14 0.00	44.55 2.72 0.00	58.92 3.18 0.01	75.29 3.86 0.01	76.40 3.64 0.01	68.66 3.21 0.01	60.58 2.83 0.01	55.26 2.78 0.01	49.87 2.82 0.00	46.17 2.78 0.00
NARROWS_GT1_7 24234	51.56 2.96 0.00	53.50 2.06 0.00	52.54 2.45 0.00	43.91 2.29 0.00	41.68 2.13 0.00	40.19 2.02 0.00	43.11 1.97 0.00	50.42 2.26 0.00	52.19 2.20 0.00	47.10 2.24 0.01	39.19 2.08 0.00	34.34 1.76 0.00	34.49 1.83 0.00	35.70 1.99 0.00	36.23 1.99 0.00	37.89 2.14 0.00	44.55 2.72 0.00	58.92 3.18 0.01	75.29 3.86 0.01	76.40 3.64 0.01	68.66 3.21 0.01	60.58 2.83 0.01	55.26 2.78 0.01	49.87 2.82 0.00	46.17 2.78 0.00
NARROWS_GT1_8 24235	51.56 2.96 0.00	53.50 2.06 0.00	52.54 2.45 0.00	43.91 2.29 0.00	41.68 2.13 0.00	40.19 2.02 0.00	43.11 1.97 0.00	50.42 2.26 0.00	52.19 2.20 0.00	47.10 2.24 0.01	39.19 2.08 0.00	34.34 1.76 0.00	34.49 1.83 0.00	35.70 1.99 0.00	36.23 1.99 0.00	37.89 2.14 0.00	44.55 2.72 0.00	58.92 3.18 0.01	75.29 3.86 0.01	76.40 3.64 0.01	68.66 3.21 0.01	60.58 2.83 0.01	55.26 2.78 0.01	49.87 2.82 0.00	46.17 2.78 0.00
NARROWS_GT2_1 24236	51.56 2.96 0.00	53.50 2.06 0.00	52.54 2.45 0.00	43.91 2.29 0.00	41.68 2.13 0.00	40.19 2.02 0.00	43.11 1.97 0.00	50.42 2.26 0.00	52.19 2.20 0.00	47.10 2.24 0.01	39.19 2.08 0.00	34.34 1.76 0.00	34.49 1.83 0.00	35.70 1.99 0.00	36.23 1.99 0.00	37.89 2.14 0.00	44.55 2.72 0.00	58.92 3.18 0.01	75.29 3.86 0.01	76.40 3.64 0.01	68.66 3.21 0.01	60.58 2.83 0.01	55.26 2.78 0.01	49.87 2.82 0.00	46.17 2.78 0.00
NARROWS_GT2_2 24237	51.56 2.96 0.00	53.50 2.06 0.00	52.54 2.45 0.00	43.91 2.29 0.00	41.68 2.13 0.00	40.19 2.02 0.00	43.11 1.97 0.00	50.42 2.26 0.00	52.19 2.20 0.00	47.10 2.24 0.01	39.19 2.08 0.00	34.34 1.76 0.00	34.49 1.83 0.00	35.70 1.99 0.00	36.23 1.99 0.00	37.89 2.14 0.00	44.55 2.72 0.00	58.92 3.18 0.01	75.29 3.86 0.01	76.40 3.64 0.01	68.66 3.21 0.01	60.58 2.83 0.01	55.26 2.78 0.01	49.87 2.82 0.00	46.17 2.78 0.00
NARROWS_GT2_3 24238	51.56 2.96 0.00	53.50 2.06 0.00	52.54 2.45 0.00	43.91 2.29 0.00	41.68 2.13 0.00	40.19 2.02 0.00	43.11 1.97 0.00	50.42 2.26 0.00	52.19 2.20 0.00	47.10 2.24 0.01	39.19 2.08 0.00	34.34 1.76 0.00	34.49 1.83 0.00	35.70 1.99 0.00	36.23 1.99 0.00	37.89 2.14 0.00	44.55 2.72 0.00	58.92 3.18 0.01	75.29 3.86 0.01	76.40 3.64 0.01	68.66 3.21 0.01	60.58 2.83 0.01	55.26 2.78 0.01	49.87 2.82 0.00	46.17 2.78 0.00
NARROWS_GT2_4 24239	51.56 2.96 0.00	53.50 2.06 0.00	52.54 2.45 0.00	43.91 2.29 0.00	41.68 2.13 0.00	40.19 2.02 0.00	43.11 1.97 0.00	50.42 2.26 0.00	52.19 2.20 0.00	47.10 2.24 0.01	39.19 2.08 0.00	34.34 1.76 0.00	34.49 1.83 0.00	35.70 1.99 0.00	36.23 1.99 0.00	37.89 2.14 0.00	44.55 2.72 0.00	58.92 3.18 0.01	75.29 3.86 0.01	76.40 3.64 0.01	68.66 3.21 0.01	60.58 2.83 0.01	55.26 2.78 0.01	49.87 2.82 0.00	46.17 2.78 0.00
NARROWS_GT2_5 24240	51.56 2.96 0.00	53.50 2.06 0.00	52.54 2.45 0.00	43.91 2.29 0.00	41.68 2.13 0.00	40.19 2.02 0.00	43.11 1.97 0.00	50.42 2.26 0.00	52.19 2.20 0.00	47.10 2.24 0.01	39.19 2.08 0.00	34.34 1.76 0.00	34.49 1.83 0.00	35.70 1.99 0.00	36.23 1.99 0.00	37.89 2.14 0.00	44.55 2.72 0.00	58.92 3.18 0.01	75.29 3.86 0.01	76.40 3.64 0.01	68.66 3.21 0.01	60.58 2.83 0.01	55.26 2.78 0.01	49.87 2.82 0.00	46.17 2.78 0.00
NARROWS_GT2_6 24241	51.56 2.96 0.00	53.50 2.06 0.00	52.54 2.45 0.00	43.91 2.29 0.00	41.68 2.13 0.00	40.19 2.02 0.00	43.11 1.97 0.00	50.42 2.26 0.00	52.19 2.20 0.00	47.10 2.24 0.01	39.19 2.08 0.00	34.34 1.76 0.00	34.49 1.83 0.00	35.70 1.99 0.00	36.23 1.99 0.00	37.89 2.14 0.00	44.55 2.72 0.00	58.92 3.18 0.01	75.29 3.86 0.01	76.40 3.64 0.01	68.66 3.21 0.01	60.58 2.83 0.01	55.26 2.78 0.01	49.87 2.82 0.00	46.17 2.78 0.00
NARROWS_GT2_7 24242	51.56 2.96 0.00	53.50 2.06 0.00	52.54 2.45 0.00	43.91 2.29 0.00	41.68 2.13 0.00	40.19 2.02 0.00	43.11 1.97 0.00	50.42 2.26 0.00	52.19 2.20 0.00	47.10 2.24 0.01	39.19 2.08 0.00	34.34 1.76 0.00	34.49 1.83 0.00	35.70 1.99 0.00	36.23 1.99 0.00	37.89 2.14 0.00	44.55 2.72 0.00	58.92 3.18 0.01	75.29 3.86 0.01	76.40 3.64 0.01	68.66 3.21 0.01	60.58 2.83 0.01	55.26 2.78 0.01	49.87 2.82 0.00	46.17 2.78 0.00
NARROWS_GT2_8 24243	51.56 2.96 0.00	53.50 2.06 0.00	52.54 2.45 0.00	43.91 2.29 0.00	41.68 2.13 0.00	40.19 2.02 0.00	43.11 1.97 0.00	50.42 2.26 0.00	52.19 2.20 0.00	47.10 2.24 0.01	39.19 2.08 0.00	34.34 1.76 0.00	34.49 1.83 0.00	35.70 1.99 0.00	36.23 1.99 0.00	37.89 2.14 0.00	44.55 2.72 0.00	58.92 3.18 0.01	75.29 3.86 0.01	76.40 3.64 0.01	68.66 3.21 0.01	60.58 2.83 0.01	55.26 2.78 0.01	49.87 2.82 0.00	46.17 2.78 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	50.25 1.65 0.00	53.04 1.59 0.00	51.74 1.65 0.00	42.91 1.29 0.00	40.73 1.19 0.00	39.20 1.03 0.00	42.37 1.23 0.00	49.56 1.40 0.00	51.49 1.50 0.00	46.08 1.21 0.00	37.74 0.63 0.00	33.00 0.42 0.00	33.02 0.36 0.00	34.15 0.44 0.00	34.83 0.58 0.00	36.60 0.86 0.00	43.17 1.34 0.00	57.87 2.12 0.00	74.58 3.14 0.00	76.04 3.27 0.00	68.34 2.88 0.00	60.19 2.43 0.00	54.69 2.20 0.00	48.79 1.74 0.00	44.91 1.52 0.00
NCHELSEA_115KV_TR2 355582	51.13 2.53 0.00	53.60 2.16 0.00	52.39 2.30 0.00	43.62 2.00 0.00	41.40 1.86 0.00	39.92 1.76 0.00	43.07 1.93 0.00	50.47 2.31 0.00	52.34 2.35 0.00	47.25 2.38 0.00	38.93 1.82 0.00	34.21 1.63 0.00	34.33 1.67 0.00	35.56 1.85 0.00	36.06 1.81 0.00	37.78 2.04 0.00	44.51 2.68 0.00	59.15 3.40 0.00	75.58 4.14 0.00	76.85 4.08 0.00	69.06 3.60 0.00	60.88 3.12 0.00	55.53 3.04 0.00	49.77 2.73 0.00	45.82 2.43 0.00
NEG CAPITAL___MECHNVIL 23645	50.20 1.60 0.00	53.04 1.60 0.00	51.74 1.65 0.00	42.83 1.21 0.00	40.69 1.15 0.00	39.08 0.91 0.00	42.33 1.19 0.00	49.56 1.40 0.00	51.64 1.65 0.00	46.12 1.25 0.00	37.97 0.85 0.00	33.13 0.55 0.00	33.15 0.49 0.00	34.25 0.54 0.00	35.03 0.79 0.00	36.71 0.97 0.00	43.17 1.34 0.00	57.87 2.12 0.00	74.30 2.86 0.00	75.75 2.98 0.00	68.27 2.81 0.00	60.13 2.37 0.00	54.69 2.20 0.00	48.65 1.60 0.00	44.86 1.48 0.00
NEG CENTRAL_HIGH_ACRES 23767	46.61 -1.99 0.00	50.00 -1.44 0.00	48.33 -1.75 0.00	40.21 -1.42 0.00	38.16 -1.39 0.00	37.14 -1.03 0.00	39.62 -1.52 0.00	46.28 -1.88 0.00	47.49 -2.50 0.00	42.53 -2.34 0.00	35.48 -1.63 0.00	31.41 -1.17 0.00	31.49 -1.17 0.00	32.39 -1.32 0.00	32.81 -1.44 0.00	34.03 -1.72 0.00	39.45 -2.38 0.00	52.91 -2.84 0.00	68.51 -2.93 0.00	69.86 -2.91 0.00	62.45 -3.01 0.00	54.75 -3.01 0.00	49.28 -3.20 0.00	44.79 -2.26 0.00	41.65 -1.74 0.00

NEG CENTRAL___DRP 24199	48.16 -0.44 0.00	51.39 -0.05 0.00	49.84 -0.25 0.00	41.58 -0.04 0.00	39.47 -0.08 0.00	38.32 0.15 0.00	41.02 -0.12 0.00	48.02 -0.14 0.00	49.39 -0.60 0.00	44.33 -0.54 0.00	37.00 -0.11 0.00	32.38 -0.20 0.00	32.43 -0.23 0.00	33.40 -0.30 0.00	33.97 -0.27 0.00	35.25 -0.50 0.00	40.99 -0.84 0.00	55.02 -0.72 0.00	71.15 -0.29 0.00	72.70 -0.07 0.00	65.00 -0.46 0.00	57.13 -0.64 0.00	51.65 -0.84 0.00	46.62 -0.42 0.00	43.13 -0.26 0.00
NEG CENTRAL___INDECK 23768	49.04 0.44 0.00	52.93 1.49 0.00	50.99 0.90 0.00	42.54 0.91 0.00	40.34 0.79 0.00	39.39 1.22 0.00	41.79 0.66 0.00	48.83 0.67 0.00	49.84 -0.15 0.00	44.33 -0.54 0.00	36.78 -0.33 0.00	32.51 -0.07 0.00	32.50 -0.16 0.00	33.44 -0.27 0.00	33.87 -0.38 0.00	35.07 -0.68 0.00	40.49 -1.34 0.00	54.80 -0.95 0.00	71.94 0.50 0.00	73.86 1.09 0.00	65.66 0.20 0.00	57.42 -0.34 0.00	51.28 -1.21 0.00	46.81 -0.23 0.00	42.26 -1.13 0.00
NEG CENTRAL___SENECA 23627	48.26 -0.34 0.00	51.65 0.21 0.00	49.94 -0.15 0.00	41.79 0.17 0.00	39.66 0.12 0.00	38.63 0.46 0.00	41.18 0.04 0.00	48.16 0.00 0.00	49.39 -0.60 0.00	44.33 -0.54 0.00	37.11 0.00 0.00	32.45 -0.13 0.00	32.50 -0.16 0.00	33.47 -0.24 0.00	34.00 -0.24 0.00	35.21 -0.54 0.00	40.87 -0.96 0.00	54.91 -0.84 0.00	71.30 -0.14 0.00	72.84 0.07 0.00	65.00 -0.46 0.00	57.01 -0.75 0.00	51.38 -1.10 0.00	46.62 -0.42 0.00	43.17 -0.22 0.00
NEG CENTRAL___STATE_STREET 24147	48.26 -0.34 0.00	51.29 -0.15 0.00	49.84 -0.25 0.00	41.46 -0.17 0.00	39.39 -0.16 0.00	38.13 -0.04 0.00	40.93 -0.21 0.00	48.02 -0.14 0.00	49.64 -0.35 0.00	44.51 -0.36 0.00	36.97 -0.15 0.00	32.38 -0.20 0.00	32.46 -0.20 0.00	33.47 -0.24 0.00	34.00 -0.24 0.00	35.39 -0.36 0.00	41.29 -0.54 0.00	55.36 -0.39 0.00	71.51 0.07 0.00	72.92 0.15 0.00	65.39 -0.07 0.00	57.59 -0.17 0.00	52.12 -0.37 0.00	46.86 -0.19 0.00	43.26 -0.13 0.00
NEG MILLWOOD___DRP 24198	51.27 2.67 0.00	53.76 2.31 0.00	52.59 2.50 0.00	43.74 2.12 0.00	41.52 1.98 0.00	40.00 1.83 0.00	43.15 2.02 0.00	50.62 2.46 0.00	52.49 2.50 0.00	47.34 2.47 0.00	39.01 1.89 0.00	34.30 1.73 0.00	34.46 1.80 0.00	35.70 1.99 0.00	36.20 1.95 0.00	37.89 2.14 0.00	44.68 2.84 0.00	59.32 3.57 0.00	75.80 4.36 0.00	76.99 4.22 0.00	69.26 3.80 0.00	61.05 3.29 0.00	55.69 3.20 0.00	49.96 2.92 0.00	45.95 2.56 0.00
NEG NORTH_FLCN_SEA 23793	49.81 1.21 0.00	52.88 1.44 0.00	51.44 1.35 0.00	42.83 1.21 0.00	40.73 1.19 0.00	39.31 1.15 0.00	42.37 1.23 0.00	49.65 1.49 0.00	51.49 1.50 0.00	46.13 1.26 0.00	38.00 0.89 0.00	33.33 0.75 0.00	33.44 0.78 0.00	34.52 0.81 0.00	34.96 0.72 0.00	36.53 0.79 0.00	42.83 1.00 0.00	56.36 0.61 0.00	71.73 0.29 0.00	72.99 0.22 0.00	65.79 0.33 0.00	58.16 0.40 0.00	52.75 0.26 0.00	47.70 0.66 0.00	44.21 0.82 0.00
NEG NORTH_KES_CHATEGAY 23792	49.38 0.78 0.00	52.42 0.98 0.00	50.99 0.90 0.00	42.45 0.83 0.00	40.38 0.83 0.00	38.97 0.80 0.00	42.00 0.86 0.00	49.22 1.06 0.00	51.04 1.05 0.00	45.68 0.81 0.00	37.63 0.52 0.00	32.97 0.39 0.00	33.05 0.39 0.00	34.11 0.40 0.00	34.59 0.34 0.00	36.14 0.39 0.00	42.42 0.59 0.00	56.31 0.56 0.00	71.94 0.50 0.00	73.28 0.51 0.00	65.98 0.52 0.00	58.40 0.64 0.00	52.91 0.42 0.00	47.56 0.52 0.00	43.78 0.39 0.00
NEG NORTH___ALICE_FALLS 23915	49.91 1.31 0.00	53.04 1.59 0.00	51.59 1.50 0.00	42.95 1.33 0.00	40.85 1.31 0.00	39.43 1.26 0.00	42.46 1.32 0.00	49.80 1.64 0.00	51.59 1.60 0.00	46.21 1.35 0.00	38.04 0.93 0.00	33.39 0.81 0.00	33.51 0.85 0.00	34.55 0.84 0.00	35.03 0.79 0.00	36.57 0.82 0.00	42.92 1.09 0.00	56.75 1.00 0.00	72.44 1.00 0.00	73.72 0.95 0.00	66.44 0.98 0.00	58.80 1.04 0.00	53.27 0.79 0.00	48.03 0.99 0.00	44.30 0.91 0.00
NEG NORTH___LWR_SARANAC 23913	49.91 1.31 0.00	53.04 1.59 0.00	51.59 1.50 0.00	42.95 1.33 0.00	40.85 1.31 0.00	39.43 1.26 0.00	42.46 1.32 0.00	49.80 1.64 0.00	51.59 1.60 0.00	46.21 1.35 0.00	38.04 0.93 0.00	33.39 0.81 0.00	33.51 0.85 0.00	34.55 0.84 0.00	35.03 0.79 0.00	36.57 0.82 0.00	42.92 1.09 0.00	56.75 1.00 0.00	72.44 1.00 0.00	73.72 0.95 0.00	66.44 0.98 0.00	58.80 1.04 0.00	53.27 0.79 0.00	48.03 0.99 0.00	44.30 0.91 0.00
NEG NORTH___PLATTSBURG 23628	49.91 1.31 0.00	53.04 1.60 0.00	51.59 1.50 0.00	42.95 1.33 0.00	40.85 1.30 0.00	39.43 1.26 0.00	42.45 1.32 0.00	49.80 1.64 0.00	51.59 1.60 0.00	46.21 1.34 0.00	38.04 0.93 0.00	33.39 0.81 0.00	33.51 0.85 0.00	34.55 0.84 0.00	35.03 0.79 0.00	36.57 0.82 0.00	42.92 1.09 0.00	56.75 1.00 0.00	72.44 1.00 0.00	73.71 0.94 0.00	66.44 0.98 0.00	58.80 1.04 0.00	53.54 1.05 0.00	48.41 1.37 0.00	44.30 0.91 0.00
NEG WEST_LEA_LOCKPORT 23791	46.41 -2.19 0.00	50.51 -0.93 0.00	48.43 -1.65 0.00	40.66 -0.96 0.00	38.56 -0.99 0.00	37.86 -0.31 0.00	39.90 -1.23 0.00	46.62 -1.54 0.00	46.79 -3.20 0.00	41.64 -3.23 0.00	35.93 -1.19 0.00	31.40 -1.17 0.00	31.42 -1.24 0.00	32.36 -1.35 0.00	32.91 -1.34 0.00	33.67 -2.07 0.00	38.32 -3.51 0.00	51.79 -3.96 0.00	67.01 -4.43 0.00	68.40 -4.37 0.00	60.68 -4.78 0.00	52.97 -4.79 0.00	47.71 -4.78 0.00	44.03 -3.01 0.00	41.65 -1.74 0.00
NEG WEST___LANCASTR 23811	46.22 -2.38 0.00	50.15 -1.29 0.00	48.18 -1.90 0.00	40.37 -1.25 0.00	38.24 -1.31 0.00	37.52 -0.65 0.00	39.62 -1.52 0.00	46.43 -1.73 0.00	47.14 -2.85 0.00	41.95 -2.92 0.00	36.04 -1.08 0.00	31.54 -1.04 0.00	31.55 -1.11 0.00	32.49 -1.21 0.00	33.05 -1.20 0.00	33.85 -1.89 0.00	38.61 -3.22 0.00	52.18 -3.57 0.00	67.80 -3.64 0.00	69.20 -3.57 0.00	61.34 -4.12 0.00	53.43 -4.33 0.00	48.03 -4.46 0.00	44.13 -2.92 0.00	41.09 -2.30 0.00
NEG_PENN_ALLEGHNY 23528	48.99 0.39 0.00	52.01 0.57 0.00	50.64 0.55 0.00	42.08 0.46 0.00	39.94 0.40 0.00	38.70 0.53 0.00	41.51 0.37 0.00	48.59 0.43 0.00	50.29 0.30 0.00	45.09 0.23 0.00	37.41 0.30 0.00	32.94 0.36 0.00	32.99 0.33 0.00	34.01 0.30 0.00	34.52 0.27 0.00	35.93 0.18 0.00	41.91 0.08 0.00	56.14 0.39 0.00	72.30 0.86 0.00	73.65 0.88 0.00	65.98 0.52 0.00	58.11 0.35 0.00	52.54 0.05 0.00	47.33 0.28 0.00	43.78 0.39 0.00
NEG___GEN_MONROE 24207	47.58 -1.02 0.00	51.34 -0.10 0.00	49.44 -0.65 0.00	41.25 -0.37 0.00	39.11 -0.44 0.00	38.17 0.00 0.00	40.56 -0.58 0.00	47.49 -0.67 0.00	48.24 -1.75 0.00	43.07 -1.79 0.00	36.56 -0.56 0.00	31.93 -0.65 0.00	32.01 -0.65 0.00	32.97 -0.74 0.00	33.46 -0.79 0.00	34.46 -1.29 0.00	39.70 -2.13 0.00	53.52 -2.23 0.00	69.15 -2.29 0.00	70.51 -2.26 0.00	62.97 -2.49 0.00	55.28 -2.48 0.00	49.92 -2.57 0.00	45.45 -1.60 0.00	42.48 -0.91 0.00
NEPA___ENERGY 23901	47.34 -1.26 0.00	51.39 -0.05 0.00	49.39 -0.70 0.00	41.33 -0.29 0.00	39.19 -0.36 0.00	38.44 0.27 0.00	40.56 -0.58 0.00	47.58 -0.58 0.00	48.19 -1.80 0.00	42.89 -1.97 0.00	36.82 -0.30 0.00	32.25 -0.33 0.00	32.27 -0.39 0.00	33.20 -0.51 0.00	33.76 -0.48 0.00	34.57 -1.18 0.00	39.49 -2.34 0.00	53.35 -2.40 0.00	69.30 -2.14 0.00	70.73 -2.04 0.00	62.58 -2.88 0.00	54.58 -3.18 0.00	48.97 -3.52 0.00	44.93 -2.12 0.00	41.91 -1.48 0.00

NEVERSINK___HYD 23608	51.27 2.67 0.00	53.81 2.37 0.00	52.59 2.50 0.00	43.79 2.16 0.00	41.52 1.98 0.00	40.08 1.91 0.00	43.24 2.10 0.00	50.66 2.50 0.00	52.49 2.50 0.00	47.29 2.42 0.00	39.08 1.97 0.00	34.17 1.60 0.00	34.29 1.63 0.00	35.49 1.79 0.00	35.99 1.75 0.00	37.68 1.93 0.00	44.43 2.59 0.00	59.26 3.51 0.00	75.87 4.43 0.00	77.14 4.37 0.00	69.32 3.86 0.00	61.11 3.35 0.00	55.69 3.20 0.00	49.82 2.78 0.00	45.99 2.60 0.00
NEWKRMKL_115KV_TB1 55635	49.57 0.97 0.00	52.32 0.87 0.00	51.04 0.95 0.00	42.29 0.67 0.00	40.18 0.63 0.00	38.66 0.50 0.00	41.80 0.66 0.00	48.88 0.72 0.00	51.04 1.05 0.00	45.77 0.90 0.00	37.71 0.59 0.00	33.07 0.49 0.00	33.12 0.46 0.00	34.21 0.51 0.00	34.90 0.65 0.00	36.57 0.82 0.00	42.88 1.05 0.00	57.09 1.34 0.00	73.23 1.79 0.00	74.52 1.75 0.00	67.16 1.70 0.00	59.20 1.44 0.00	53.90 1.42 0.00	48.13 1.08 0.00	44.34 0.95 0.00
NEWTON___FALLS_HYD 23847	49.67 1.07 0.00	52.73 1.29 0.00	51.14 1.05 0.00	42.66 1.04 0.00	40.49 0.95 0.00	39.16 0.99 0.00	42.17 1.03 0.00	49.41 1.25 0.00	51.14 1.15 0.00	45.63 0.76 0.00	37.52 0.41 0.00	32.90 0.33 0.00	33.05 0.39 0.00	34.08 0.37 0.00	34.52 0.27 0.00	36.03 0.29 0.00	42.21 0.38 0.00	56.47 0.72 0.00	72.58 1.14 0.00	74.23 1.46 0.00	66.97 1.51 0.00	59.20 1.44 0.00	53.80 1.31 0.00	48.17 1.13 0.00	44.26 0.87 0.00
NGRID_A1_DSASP 323792	45.49 -3.11 0.00	49.59 -1.85 0.00	47.48 -2.60 0.00	39.71 -1.91 0.00	37.69 -1.86 0.00	37.02 -1.15 0.00	39.00 -2.14 0.00	45.70 -2.46 0.00	45.99 -4.00 0.00	40.92 -3.95 0.00	35.41 -1.71 0.00	30.98 -1.60 0.00	30.99 -1.67 0.00	31.89 -1.82 0.00	32.46 -1.78 0.00	33.17 -2.57 0.00	37.69 -4.14 0.00	50.84 -4.91 0.00	65.72 -5.72 0.00	67.02 -5.75 0.00	59.44 -6.02 0.00	51.93 -5.83 0.00	46.82 -5.67 0.00	43.19 -3.86 0.00	40.65 -2.73 0.00
NGRID_A2_DSASP 323793	45.49 -3.11 0.00	49.59 -1.85 0.00	47.48 -2.60 0.00	39.71 -1.91 0.00	37.69 -1.86 0.00	37.02 -1.15 0.00	39.00 -2.14 0.00	45.70 -2.46 0.00	45.99 -4.00 0.00	40.92 -3.95 0.00	35.41 -1.71 0.00	30.98 -1.60 0.00	30.99 -1.67 0.00	31.89 -1.82 0.00	32.46 -1.78 0.00	33.17 -2.57 0.00	37.69 -4.14 0.00	50.84 -4.91 0.00	65.72 -5.72 0.00	67.02 -5.75 0.00	59.44 -6.02 0.00	51.93 -5.83 0.00	46.82 -5.67 0.00	43.19 -3.86 0.00	40.65 -2.73 0.00
NGRID_A4_DSASP 323807	45.49 -3.11 0.00	49.59 -1.85 0.00	47.48 -2.60 0.00	39.71 -1.91 0.00	37.69 -1.86 0.00	37.02 -1.15 0.00	39.00 -2.14 0.00	45.70 -2.46 0.00	45.99 -4.00 0.00	40.92 -3.95 0.00	35.41 -1.71 0.00	30.98 -1.60 0.00	30.99 -1.67 0.00	31.89 -1.82 0.00	32.46 -1.78 0.00	33.17 -2.57 0.00	37.69 -4.14 0.00	50.84 -4.91 0.00	65.72 -5.72 0.00	67.02 -5.75 0.00	59.44 -6.02 0.00	51.93 -5.83 0.00	46.82 -5.67 0.00	43.19 -3.86 0.00	40.65 -2.73 0.00
NIAGARA_115E_LBMP 323715	45.83 -2.77 0.00	49.95 -1.49 0.00	47.88 -2.20 0.00	40.29 -1.33 0.00	38.24 -1.30 0.00	37.52 -0.65 0.00	39.58 -1.56 0.00	45.75 -2.41 0.00	46.09 -3.90 0.00	40.96 -3.90 0.00	34.59 -2.52 0.00	30.98 -1.60 0.00	31.00 -1.66 0.00	31.92 -1.79 0.00	32.22 -2.02 0.00	33.21 -2.54 0.00	37.73 -4.10 0.00	50.68 -5.07 0.00	65.94 -5.50 0.00	67.39 -5.38 0.00	59.63 -5.83 0.00	51.98 -5.78 0.00	46.35 -6.14 0.00	43.38 -3.67 0.00	41.35 -2.04 0.00
NIAGARA_115W_LBMP 323714	45.34 -3.26 0.00	49.43 -2.01 0.00	47.38 -2.71 0.00	39.63 -2.00 0.00	37.61 -1.94 0.00	36.91 -1.26 0.00	38.92 -2.22 0.00	45.27 -2.89 0.00	45.89 -4.10 0.00	40.83 -4.04 0.00	34.48 -2.63 0.00	30.88 -1.70 0.00	30.93 -1.73 0.00	31.82 -1.89 0.00	32.12 -2.12 0.00	33.10 -2.64 0.00	37.61 -4.22 0.00	50.45 -5.30 0.00	65.58 -5.86 0.00	66.95 -5.82 0.00	59.30 -6.16 0.00	51.75 -6.01 0.00	46.13 -6.35 0.00	43.05 -4.00 0.00	40.57 -2.82 0.00
NIAGARA_230_LBMP 323716	46.07 -2.53 0.00	50.21 -1.24 0.00	48.13 -1.95 0.00	40.25 -1.37 0.00	38.16 -1.39 0.00	37.48 -0.69 0.00	39.53 -1.61 0.00	45.99 -2.17 0.00	46.64 -3.35 0.00	41.50 -3.37 0.00	35.00 -2.11 0.00	31.34 -1.24 0.00	31.39 -1.27 0.00	32.26 -1.45 0.00	32.60 -1.64 0.00	33.60 -2.14 0.00	38.23 -3.60 0.00	51.29 -4.46 0.00	66.65 -4.79 0.00	68.11 -4.66 0.00	60.35 -5.11 0.00	52.62 -5.14 0.00	46.92 -5.56 0.00	43.75 -3.29 0.00	41.22 -2.17 0.00
NIAGARA___115KV_198_GIBSON 55903	45.34 -3.26 0.00	49.43 -2.01 0.00	47.38 -2.70 0.00	39.62 -2.00 0.00	37.61 -1.94 0.00	36.91 -1.26 0.00	38.92 -2.22 0.00	45.61 -2.55 0.00	45.89 -4.10 0.00	40.83 -4.04 0.00	35.33 -1.78 0.00	30.88 -1.69 0.00	30.93 -1.73 0.00	31.82 -1.89 0.00	32.36 -1.88 0.00	33.10 -2.65 0.00	37.61 -4.22 0.00	50.73 -5.02 0.00	65.58 -5.86 0.00	66.88 -5.89 0.00	59.31 -6.15 0.00	51.81 -5.95 0.00	46.71 -5.77 0.00	43.09 -3.95 0.00	40.57 -2.82 0.00
NIAGARA____ 23760	46.07 -2.53 0.00	50.21 -1.24 0.00	48.13 -1.95 0.00	40.25 -1.37 0.00	38.16 -1.39 0.00	37.48 -0.69 0.00	39.53 -1.61 0.00	45.99 -2.17 0.00	46.64 -3.35 0.00	41.50 -3.37 0.00	35.00 -2.11 0.00	31.34 -1.24 0.00	31.39 -1.27 0.00	32.26 -1.45 0.00	32.60 -1.64 0.00	33.60 -2.14 0.00	38.23 -3.60 0.00	51.29 -4.46 0.00	66.65 -4.79 0.00	68.11 -4.66 0.00	60.35 -5.11 0.00	52.62 -5.14 0.00	46.92 -5.56 0.00	43.75 -3.29 0.00	41.22 -2.17 0.00
NINE_MILE_1 23575	46.80 -1.80 0.00	49.64 -1.80 0.00	48.29 -1.80 0.00	40.13 -1.50 0.00	38.16 -1.39 0.00	36.87 -1.30 0.00	39.70 -1.44 0.00	46.38 -1.78 0.00	48.09 -1.90 0.00	43.21 -1.66 0.00	35.85 -1.26 0.00	31.53 -1.04 0.00	31.61 -1.05 0.00	32.60 -1.11 0.00	33.12 -1.13 0.00	34.49 -1.25 0.00	40.24 -1.59 0.00	53.63 -2.12 0.00	68.87 -2.57 0.00	70.15 -2.62 0.00	63.11 -2.35 0.00	55.62 -2.14 0.00	50.49 -1.99 0.00	45.35 -1.69 0.00	41.91 -1.48 0.00
NINE_MILE_2 23744	46.80 -1.80 0.00	49.64 -1.80 0.00	48.29 -1.80 0.00	40.13 -1.50 0.00	38.16 -1.39 0.00	36.87 -1.30 0.00	39.70 -1.44 0.00	46.38 -1.78 0.00	48.09 -1.90 0.00	43.21 -1.66 0.00	35.85 -1.26 0.00	31.53 -1.04 0.00	31.61 -1.05 0.00	32.60 -1.11 0.00	33.12 -1.13 0.00	34.49 -1.25 0.00	40.24 -1.59 0.00	53.69 -2.06 0.00	68.87 -2.57 0.00	70.15 -2.62 0.00	63.11 -2.35 0.00	55.62 -2.14 0.00	50.49 -1.99 0.00	45.35 -1.69 0.00	41.91 -1.48 0.00
NM_CAPITAL___DRP 24208	49.43 0.83 0.00	52.16 0.72 0.00	50.89 0.80 0.00	42.16 0.54 0.00	40.06 0.51 0.00	38.51 0.34 0.00	41.67 0.53 0.00	48.74 0.58 0.00	50.94 0.95 0.00	45.68 0.81 0.00	37.60 0.48 0.00	33.00 0.42 0.00	33.05 0.39 0.00	34.15 0.44 0.00	34.83 0.58 0.00	36.50 0.75 0.00	42.79 0.96 0.00	56.92 1.17 0.00	72.94 1.50 0.00	74.30 1.53 0.00	66.90 1.44 0.00	59.03 1.27 0.00	53.75 1.26 0.00	47.99 0.94 0.00	44.21 0.82 0.00
NM_CENTRAL___DRP 24181	47.73 -0.87 0.00	50.67 -0.77 0.00	49.24 -0.85 0.00	40.96 -0.67 0.00	38.91 -0.63 0.00	37.63 -0.53 0.00	40.44 -0.70 0.00	47.34 -0.82 0.00	49.04 -0.95 0.00	44.02 -0.85 0.00	36.59 -0.52 0.00	32.12 -0.46 0.00	32.20 -0.46 0.00	33.20 -0.51 0.00	33.73 -0.51 0.00	35.14 -0.61 0.00	40.99 -0.84 0.00	54.80 -0.95 0.00	70.44 -1.00 0.00	71.75 -1.02 0.00	64.41 -1.05 0.00	56.78 -0.98 0.00	51.54 -0.94 0.00	46.29 -0.75 0.00	42.74 -0.65 0.00

NM_FRONTIER___DRP 24179	45.34 -3.26 0.00	49.43 -2.01 0.00	47.38 -2.70 0.00	39.62 -2.00 0.00	37.61 -1.94 0.00	36.91 -1.26 0.00	38.92 -2.22 0.00	45.61 -2.55 0.00	45.89 -4.10 0.00	40.83 -4.04 0.00	35.33 -1.78 0.00	30.88 -1.69 0.00	30.93 -1.73 0.00	31.82 -1.89 0.00	32.36 -1.88 0.00	33.10 -2.65 0.00	37.61 -4.22 0.00	50.73 -5.02 0.00	65.58 -5.86 0.00	66.88 -5.89 0.00	59.31 -6.15 0.00	51.81 -5.95 0.00	46.71 -5.77 0.00	43.09 -3.95 0.00	40.57 -2.82 0.00
NM_ST_REGIS___HYD 24053	50.20 1.60 0.00	53.24 1.80 0.00	51.74 1.65 0.00	43.12 1.50 0.00	40.97 1.42 0.00	39.58 1.41 0.00	42.62 1.48 0.00	49.99 1.83 0.00	51.74 1.75 0.00	46.26 1.39 0.00	38.04 0.93 0.00	33.39 0.81 0.00	33.54 0.88 0.00	34.62 0.91 0.00	35.07 0.82 0.00	36.57 0.82 0.00	42.92 1.09 0.00	57.14 1.39 0.00	73.23 1.79 0.00	74.66 1.89 0.00	67.36 1.90 0.00	59.67 1.91 0.00	54.06 1.57 0.00	48.50 1.46 0.00	44.52 1.13 0.00
NORTHPORT___1 23551	47.80 1.22 2.01	47.81 0.10 3.73	47.80 0.40 2.68	43.36 1.75 0.01	41.08 1.54 0.01	39.73 1.57 0.01	43.07 1.93 0.01	47.90 0.96 1.22	48.46 0.65 2.18	46.93 2.07 0.01	38.41 1.30 0.01	34.17 1.60 0.01	34.35 1.70 0.01	35.69 1.99 0.01	36.46 2.22 0.01	38.56 2.82 0.01	45.50 3.55 -0.11	52.77 1.45 4.42	73.93 2.50 0.01	75.46 2.69 0.01	67.81 2.35 0.01	59.19 1.50 0.07	53.51 1.73 0.71	49.27 2.44 0.22	46.40 3.17 0.15
NORTHPORT___2 23552	47.80 1.22 2.01	47.81 0.10 3.73	47.80 0.40 2.68	43.36 1.75 0.01	41.08 1.54 0.01	39.73 1.57 0.01	43.07 1.93 0.01	47.90 0.96 1.22	48.46 0.65 2.18	46.93 2.07 0.01	38.41 1.30 0.01	34.17 1.60 0.01	34.35 1.70 0.01	35.69 1.99 0.01	36.46 2.22 0.01	38.56 2.82 0.01	45.50 3.55 -0.11	52.77 1.45 4.42	73.93 2.50 0.01	75.46 2.69 0.01	67.81 2.35 0.01	59.19 1.50 0.07	53.51 1.73 0.71	49.27 2.44 0.22	46.40 3.17 0.15
NORTHPORT___3 23553	47.62 1.02 2.00	47.62 -0.10 3.72	47.62 0.20 2.67	43.24 1.62 0.01	41.00 1.46 0.01	39.61 1.45 0.01	42.94 1.81 0.01	47.71 0.77 1.22	48.27 0.45 2.17	46.75 1.88 0.01	38.30 1.19 0.01	34.10 1.53 0.01	34.29 1.63 0.01	35.59 1.89 0.01	36.36 2.12 0.01	38.46 2.72 0.01	45.38 3.43 -0.12	52.52 1.17 4.40	73.58 2.14 0.01	75.02 2.26 0.01	67.42 1.96 0.01	58.91 1.21 0.06	53.25 1.47 0.70	49.09 2.26 0.21	46.27 3.04 0.15
NORTHPORT___4 23650	47.62 1.02 2.00	47.62 -0.10 3.72	47.62 0.20 2.67	43.24 1.62 0.01	41.00 1.46 0.01	39.61 1.45 0.01	42.94 1.81 0.01	47.71 0.77 1.22	48.27 0.45 2.17	46.75 1.88 0.01	38.30 1.19 0.01	34.10 1.53 0.01	34.29 1.63 0.01	35.59 1.89 0.01	36.36 2.12 0.01	38.46 2.72 0.01	45.38 3.43 -0.12	52.52 1.17 4.40	73.58 2.14 0.01	75.02 2.26 0.01	67.42 1.96 0.01	58.91 1.21 0.06	53.25 1.47 0.70	49.09 2.26 0.21	46.27 3.04 0.15
NORTHPORT___IC 23718	47.80 1.21 2.01	47.81 0.10 3.73	47.81 0.40 2.68	43.37 1.75 0.01	41.08 1.54 0.01	39.73 1.56 0.01	43.07 1.93 0.01	47.76 0.82 1.22	48.46 0.65 2.18	46.97 2.11 0.01	38.22 1.11 0.01	34.17 1.60 0.01	34.35 1.70 0.01	35.69 1.99 0.01	36.36 2.12 0.01	38.53 2.79 0.01	45.50 3.56 -0.11	52.72 1.39 4.42	74.43 3.00 0.01	75.97 3.20 0.01	68.14 2.68 0.01	59.37 1.68 0.07	54.09 2.31 0.71	49.56 2.73 0.22	46.45 3.21 0.15
NORTH___COUNTRY_ESR 323785	49.23 0.63 0.00	52.31 0.87 0.00	50.89 0.80 0.00	42.37 0.75 0.00	40.26 0.71 0.00	38.86 0.69 0.00	41.92 0.78 0.00	49.12 0.96 0.00	50.94 0.95 0.00	45.63 0.76 0.00	37.60 0.48 0.00	32.97 0.39 0.00	33.05 0.39 0.00	34.11 0.41 0.00	34.59 0.34 0.00	36.14 0.39 0.00	42.37 0.54 0.00	56.25 0.50 0.00	71.80 0.36 0.00	73.14 0.37 0.00	65.79 0.33 0.00	58.22 0.46 0.00	52.90 0.42 0.00	47.66 0.61 0.00	43.69 0.31 0.00
NPX_GEN_1385_PROXY 323591	47.65 1.07 2.01	47.71 0.00 3.73	47.71 0.30 2.68	43.16 1.54 0.01	40.81 1.27 0.01	39.38 1.22 0.01	42.94 1.81 0.01	45.86 1.15 3.46	51.10 1.05 -0.06	46.88 2.02 0.01	38.19 1.08 0.01	34.00 1.43 0.01	34.16 1.50 0.01	35.49 1.79 0.01	36.29 2.05 0.01	38.49 2.75 0.01	45.33 3.39 -0.11	52.83 1.51 4.42	73.72 2.29 0.01	75.09 2.33 0.01	67.75 2.29 0.01	59.26 1.56 0.07	53.61 1.84 0.71	49.13 2.30 0.22	46.23 2.99 0.15
NPX_GEN_CSC 323557	46.72 0.10 1.97	46.62 -1.13 3.69	46.70 -0.75 2.63	42.37 0.75 0.00	40.13 0.59 0.00	38.81 0.65 0.00	42.08 0.95 0.00	44.58 -0.14 3.43	49.67 -0.40 -0.08	45.94 1.08 0.00	37.52 0.41 0.00	33.42 0.85 0.00	33.60 0.95 0.00	34.88 1.18 0.00	35.92 1.68 0.00	37.85 2.11 0.00	44.64 2.68 -0.13	51.94 0.56 4.36	73.22 1.79 0.00	74.80 2.03 0.00	67.22 1.77 0.00	58.56 0.87 0.06	52.95 1.15 0.70	48.58 1.74 0.21	45.59 2.34 0.14
NSINS_S_GLNS_FALLS 23858	49.96 1.36 0.00	52.78 1.34 0.00	51.49 1.40 0.00	42.70 1.08 0.00	40.57 1.03 0.00	38.97 0.80 0.00	42.29 1.15 0.00	49.17 1.01 0.00	51.19 1.20 0.00	45.68 0.81 0.00	37.45 0.33 0.00	32.71 0.13 0.00	32.73 0.07 0.00	33.81 0.10 0.00	34.55 0.31 0.00	36.25 0.50 0.00	42.71 0.88 0.00	57.42 1.67 0.00	74.01 2.57 0.00	75.46 2.69 0.00	68.01 2.55 0.00	59.96 2.19 0.00	54.43 1.94 0.00	48.50 1.46 0.00	44.69 1.30 0.00
NUCOR_STEEL___DRP 24197	48.41 -0.19 0.00	51.44 0.00 0.00	49.94 -0.15 0.00	41.54 -0.08 0.00	39.47 -0.08 0.00	38.21 0.04 0.00	41.02 -0.12 0.00	48.06 -0.10 0.00	49.69 -0.30 0.00	44.60 -0.27 0.00	37.04 -0.07 0.00	32.45 -0.13 0.00	32.53 -0.13 0.00	33.54 -0.17 0.00	34.04 -0.21 0.00	35.42 -0.32 0.00	41.33 -0.50 0.00	55.41 -0.33 0.00	71.44 0.00 0.00	72.84 0.07 0.00	65.33 -0.13 0.00	57.59 -0.17 0.00	52.17 -0.31 0.00	46.86 -0.19 0.00	43.30 -0.09 0.00
NUMBER_THREE_WT_PWR 323818	49.48 0.88 0.00	52.47 1.03 0.00	50.94 0.85 0.00	42.50 0.88 0.00	40.29 0.75 0.00	39.01 0.84 0.00	42.04 0.90 0.00	49.22 1.06 0.00	50.94 0.95 0.00	45.41 0.54 0.00	37.30 0.19 0.00	32.68 0.10 0.00	32.82 0.16 0.00	33.84 0.14 0.00	34.28 0.03 0.00	35.78 0.04 0.00	42.04 0.21 0.00	56.42 0.67 0.00	72.73 1.29 0.00	74.45 1.68 0.00	67.10 1.64 0.00	59.09 1.33 0.00	53.70 1.21 0.00	48.04 0.99 0.00	44.17 0.78 0.00
NYISO_LBMP_REFERENCE 24008	48.60 0.00 0.00	51.44 0.00 0.00	50.09 0.00 0.00	41.62 0.00 0.00	39.55 0.00 0.00	38.17 0.00 0.00	41.14 0.00 0.00	48.16 0.00 0.00	49.99 0.00 0.00	44.87 0.00 0.00	37.11 0.00 0.00	32.58 0.00 0.00	32.66 0.00 0.00	33.71 0.00 0.00	34.24 0.00 0.00	35.75 0.00 0.00	41.83 0.00 0.00	55.75 0.00 0.00	71.44 0.00 0.00	72.77 0.00 0.00	65.46 0.00 0.00	57.76 0.00 0.00	52.49 0.00 0.00	47.05 0.00 0.00	43.39 0.00 0.00
NYPA_BRENTWD____GT 24164	47.86 1.12 1.86	47.83 -0.05 3.56	47.86 0.25 2.48	43.78 2.16 0.00	41.48 1.94 0.00	40.11 1.95 0.00	43.48 2.34 0.00	47.85 0.82 1.13	48.42 0.50 2.07	47.29 2.42 0.00	38.63 1.52 0.00	34.40 1.82 0.00	34.58 1.93 0.00	35.89 2.19 0.00	36.71 2.47 0.00	38.85 3.11 0.00	45.45 3.43 -0.19	53.08 1.51 4.17	74.08 2.64 0.00	76.19 3.42 0.00	68.73 3.27 0.00	59.38 1.68 0.06	53.72 1.89 0.65	49.31 2.44 0.18	46.37 3.08 0.10

NYPA_GOWANUS____GT5 24156	51.56 2.96 0.00	53.50 2.06 0.00	52.54 2.45 0.00	43.91 2.29 0.00	41.68 2.13 0.00	40.19 2.02 0.00	43.11 1.97 0.00	50.42 2.26 0.00	52.19 2.20 0.00	47.10 2.24 0.01	39.19 2.08 0.00	34.34 1.76 0.00	34.49 1.83 0.00	35.70 1.99 0.00	36.23 1.99 0.00	37.89 2.14 0.00	44.55 2.72 0.00	58.92 3.18 0.01	75.29 3.86 0.01	76.40 3.64 0.01	68.66 3.21 0.01	60.58 2.83 0.01	55.26 2.78 0.01	49.87 2.82 0.00	46.17 2.78 0.00
NYPA_GOWANUS____GT6 24157	51.56 2.96 0.00	53.50 2.06 0.00	52.54 2.45 0.00	43.91 2.29 0.00	41.68 2.13 0.00	40.19 2.02 0.00	43.11 1.97 0.00	50.42 2.26 0.00	52.19 2.20 0.00	47.10 2.24 0.01	39.19 2.08 0.00	34.34 1.76 0.00	34.49 1.83 0.00	35.70 1.99 0.00	36.23 1.99 0.00	37.89 2.14 0.00	44.55 2.72 0.00	58.92 3.18 0.01	75.29 3.86 0.01	76.40 3.64 0.01	68.66 3.21 0.01	60.58 2.83 0.01	55.26 2.78 0.01	49.87 2.82 0.00	46.17 2.78 0.00
NYPA_HARLEM__RVR__GT1 24160	51.52 2.92 0.00	53.55 2.11 0.00	52.49 2.40 0.00	43.83 2.20 0.00	41.64 2.09 0.00	40.15 1.98 0.00	43.03 1.89 0.00	50.23 2.07 0.00	51.94 1.95 0.00	46.93 2.07 0.01	39.04 1.93 0.00	34.26 1.69 0.01	34.41 1.76 0.01	35.59 1.89 0.01	36.08 1.85 0.01	37.74 2.00 0.01	44.33 2.51 0.01	58.64 2.90 0.01	74.72 3.29 0.01	75.89 3.13 0.01	68.14 2.68 0.01	60.12 2.37 0.01	55.05 2.57 0.01	49.68 2.63 0.00	46.08 2.69 0.00
NYPA_HARLEM__RVR__GT2 24161	51.52 2.92 0.00	53.55 2.11 0.00	52.49 2.40 0.00	43.83 2.20 0.00	41.64 2.09 0.00	40.15 1.98 0.00	43.03 1.89 0.00	50.23 2.07 0.00	51.94 1.95 0.00	46.93 2.07 0.01	39.04 1.93 0.00	34.26 1.69 0.01	34.41 1.76 0.01	35.59 1.89 0.01	36.08 1.85 0.01	37.74 2.00 0.01	44.33 2.51 0.01	58.64 2.90 0.01	74.72 3.29 0.01	75.89 3.13 0.01	68.14 2.68 0.01	60.12 2.37 0.01	55.05 2.57 0.01	49.68 2.63 0.00	46.08 2.69 0.00
NYPA_KENT____GT 24152	51.42 2.82 0.00	53.44 2.00 0.00	52.44 2.35 0.00	43.79 2.16 0.00	41.56 2.02 0.00	40.11 1.95 0.00	43.07 1.93 0.00	50.42 2.26 0.00	52.19 2.20 0.00	47.15 2.29 0.01	39.23 2.11 0.00	34.37 1.79 0.00	34.52 1.86 0.00	35.73 2.02 0.00	36.23 1.99 0.00	37.89 2.14 0.00	44.55 2.72 0.00	58.92 3.18 0.01	75.14 3.71 0.01	76.26 3.49 0.01	68.53 3.08 0.01	60.53 2.77 0.01	55.26 2.78 0.01	49.82 2.78 0.00	46.08 2.69 0.00
NYPA_POUCH1____GT 24155	51.86 3.26 -0.01	53.70 2.26 0.00	52.74 2.65 0.00	44.12 2.50 0.00	41.88 2.33 0.00	40.42 2.25 0.00	43.32 2.18 0.00	50.57 2.41 0.00	52.24 2.25 0.00	47.10 2.24 0.01	39.19 2.08 0.00	34.34 1.76 0.00	34.49 1.83 0.00	35.73 2.02 0.00	36.23 1.99 0.00	37.89 2.14 0.00	44.59 2.76 0.00	58.80 3.06 0.01	75.29 3.86 0.01	76.47 3.71 0.01	68.72 3.27 0.01	60.58 2.83 0.01	55.31 2.83 0.01	50.06 3.01 0.00	46.34 2.95 0.00
NYPA_VERNON____GT2 24162	51.27 2.67 0.00	53.40 1.95 0.00	52.34 2.26 0.00	43.70 2.08 0.00	41.48 1.94 0.00	40.04 1.87 0.00	43.07 1.93 0.00	50.38 2.22 0.00	52.24 2.25 0.00	47.19 2.33 0.01	39.27 2.15 0.00	34.40 1.82 0.00	34.55 1.89 0.00	35.76 2.06 0.00	36.26 2.02 0.00	37.93 2.18 0.00	44.55 2.72 0.00	58.97 3.23 0.01	74.93 3.50 0.01	76.04 3.28 0.01	68.40 2.95 0.01	60.47 2.72 0.01	55.31 2.83 0.01	49.77 2.73 0.00	45.99 2.60 0.00
NYPA_VERNON____GT3 24163	51.27 2.67 0.00	53.40 1.95 0.00	52.34 2.26 0.00	43.70 2.08 0.00	41.48 1.94 0.00	40.04 1.87 0.00	43.07 1.93 0.00	50.38 2.22 0.00	52.24 2.25 0.00	47.19 2.33 0.01	39.27 2.15 0.00	34.40 1.82 0.00	34.55 1.89 0.00	35.76 2.06 0.00	36.26 2.02 0.00	37.93 2.18 0.00	44.55 2.72 0.00	58.97 3.23 0.01	74.93 3.50 0.01	76.04 3.28 0.01	68.40 2.95 0.01	60.47 2.72 0.01	55.31 2.83 0.01	49.77 2.73 0.00	45.99 2.60 0.00
NYPA____ASTORIA_CC1 323568	51.22 2.62 0.00	53.29 1.85 0.00	52.29 2.20 0.00	43.66 2.04 0.00	41.44 1.90 0.00	40.00 1.83 0.00	42.99 1.85 0.00	50.33 2.17 0.00	52.14 2.15 0.00	47.10 2.24 0.01	39.19 2.08 0.00	34.37 1.79 0.00	34.52 1.86 0.00	35.70 1.99 0.00	36.20 1.95 0.00	37.86 2.11 0.00	44.47 2.64 0.00	58.80 3.06 0.01	74.79 3.36 0.01	75.89 3.13 0.01	68.27 2.81 0.01	60.29 2.54 0.01	55.16 2.68 0.01	49.68 2.63 0.00	45.95 2.56 0.00
NYPA____ASTORIA_CC2 323569	51.22 2.62 0.00	53.29 1.85 0.00	52.29 2.20 0.00	43.66 2.04 0.00	41.44 1.90 0.00	40.00 1.83 0.00	42.99 1.85 0.00	50.33 2.17 0.00	52.14 2.15 0.00	47.10 2.24 0.01	39.19 2.08 0.00	34.37 1.79 0.00	34.52 1.86 0.00	35.70 1.99 0.00	36.20 1.95 0.00	37.86 2.11 0.00	44.47 2.64 0.00	58.80 3.06 0.01	74.79 3.36 0.01	75.89 3.13 0.01	68.27 2.81 0.01	60.29 2.54 0.01	55.16 2.68 0.01	49.68 2.63 0.00	45.95 2.56 0.00
NYPA____HOLTSVILL 23794	47.49 0.88 1.98	47.44 -0.31 3.70	47.50 0.05 2.64	43.03 1.42 0.00	40.81 1.27 0.00	39.42 1.26 0.00	42.74 1.60 0.00	47.58 0.62 1.20	48.19 0.35 2.16	46.61 1.75 0.00	38.11 1.00 0.00	33.94 1.37 0.00	34.13 1.47 0.00	35.45 1.75 0.00	36.33 2.09 0.00	38.35 2.61 0.00	45.26 3.30 -0.13	52.66 1.28 4.37	74.00 2.57 0.00	75.53 2.76 0.00	67.88 2.42 0.00	59.20 1.50 0.06	53.52 1.73 0.70	49.19 2.35 0.21	46.15 2.91 0.14
NYPA____HELLGATE_GT1 24158	51.52 2.92 0.00	53.55 2.11 0.00	52.49 2.40 0.00	43.83 2.20 0.00	41.64 2.09 0.00	40.15 1.98 0.00	43.03 1.89 0.00	50.23 2.07 0.00	51.94 1.95 0.00	46.93 2.07 0.01	39.04 1.93 0.00	34.26 1.69 0.01	34.41 1.76 0.01	35.59 1.89 0.01	36.08 1.85 0.01	37.74 2.00 0.01	44.33 2.51 0.01	58.64 2.90 0.01	74.72 3.29 0.01	75.89 3.13 0.01	68.14 2.68 0.01	60.12 2.37 0.01	55.05 2.57 0.01	49.68 2.63 0.00	46.08 2.69 0.00
NYPA____HELLGATE_GT2 24159	51.52 2.92 0.00	53.55 2.11 0.00	52.49 2.40 0.00	43.83 2.20 0.00	41.64 2.09 0.00	40.15 1.98 0.00	43.03 1.89 0.00	50.23 2.07 0.00	51.94 1.95 0.00	46.93 2.07 0.01	39.04 1.93 0.00	34.26 1.69 0.01	34.41 1.76 0.01	35.59 1.89 0.01	36.08 1.85 0.01	37.74 2.00 0.01	44.33 2.51 0.01	58.64 2.90 0.01	74.72 3.29 0.01	75.89 3.13 0.01	68.14 2.68 0.01	60.12 2.37 0.01	55.05 2.57 0.01	49.68 2.63 0.00	46.08 2.69 0.00
NYS_BARGE____HYD 23848	46.41 -2.19 0.00	50.52 -0.92 0.00	48.44 -1.65 0.00	40.67 -0.96 0.00	38.56 -0.99 0.00	37.86 -0.31 0.00	39.94 -1.19 0.00	46.28 -1.88 0.00	46.74 -3.25 0.00	41.60 -3.27 0.00	35.04 -2.08 0.00	31.37 -1.20 0.00	31.39 -1.27 0.00	32.29 -1.41 0.00	32.64 -1.61 0.00	33.64 -2.11 0.00	38.28 -3.56 0.00	51.46 -4.29 0.00	67.01 -4.43 0.00	68.55 -4.22 0.00	60.68 -4.78 0.00	52.91 -4.85 0.00	47.13 -5.35 0.00	43.99 -3.06 0.00	41.69 -1.69 0.00
OAK ORCHARD____HYD 24046	47.43 -1.17 0.00	51.08 -0.36 0.00	49.24 -0.85 0.00	41.00 -0.62 0.00	38.91 -0.63 0.00	37.94 -0.23 0.00	40.36 -0.78 0.00	47.10 -1.06 0.00	48.19 -1.80 0.00	43.07 -1.80 0.00	36.04 -1.08 0.00	31.96 -0.62 0.00	32.04 -0.62 0.00	33.00 -0.71 0.00	33.39 -0.85 0.00	34.57 -1.18 0.00	39.91 -1.92 0.00	53.57 -2.18 0.00	69.44 -2.00 0.00	70.88 -1.89 0.00	63.23 -2.23 0.00	55.45 -2.31 0.00	49.76 -2.73 0.00	45.45 -1.60 0.00	42.35 -1.04 0.00

OAKDALE___35_KV_LOAD 356122	48.79 0.19 0.00	51.80 0.36 0.00	50.39 0.30 0.00	41.91 0.29 0.00	39.82 0.28 0.00	38.55 0.38 0.00	41.39 0.25 0.00	48.50 0.34 0.00	50.09 0.10 0.00	44.91 0.04 0.00	37.41 0.30 0.00	32.81 0.23 0.00	32.86 0.20 0.00	33.91 0.20 0.00	34.42 0.17 0.00	35.82 0.07 0.00	41.79 -0.04 0.00	55.92 0.17 0.00	71.94 0.50 0.00	73.28 0.51 0.00	65.66 0.20 0.00	57.82 0.06 0.00	52.43 -0.05 0.00	47.19 0.14 0.00	43.60 0.22 0.00
OCC_CHEM___DRP 24175	45.49 -3.11 0.00	49.59 -1.85 0.00	47.48 -2.60 0.00	39.71 -1.91 0.00	37.69 -1.86 0.00	37.02 -1.15 0.00	39.00 -2.14 0.00	45.70 -2.46 0.00	45.99 -4.00 0.00	40.92 -3.95 0.00	35.41 -1.71 0.00	30.98 -1.60 0.00	30.99 -1.67 0.00	31.89 -1.82 0.00	32.46 -1.78 0.00	33.17 -2.57 0.00	37.69 -4.14 0.00	50.84 -4.91 0.00	65.72 -5.72 0.00	67.02 -5.75 0.00	59.44 -6.02 0.00	51.93 -5.83 0.00	46.82 -5.67 0.00	43.19 -3.86 0.00	40.65 -2.73 0.00
OH_GEN_PROXY 24063	46.12 -2.48 0.00	50.21 -1.24 0.00	48.13 -1.95 0.00	40.25 -1.37 0.00	38.20 -1.34 0.00	37.48 -0.69 0.00	39.53 -1.61 0.00	43.81 -2.12 2.23	48.92 -3.30 -2.23	41.60 -3.27 0.00	35.07 -2.04 0.00	31.41 -1.17 0.00	31.42 -1.24 0.00	32.32 -1.38 0.00	32.64 -1.61 0.00	33.64 -2.11 0.00	38.32 -3.51 0.00	51.40 -4.35 0.00	66.87 -4.57 0.00	68.26 -4.51 0.00	60.48 -4.98 0.00	52.79 -4.97 0.00	47.08 -5.41 0.00	43.80 -3.25 0.00	41.22 -2.17 0.00
OLIN_CORP_DRP 24177	45.93 -2.67 0.00	50.05 -1.39 0.00	47.93 -2.15 0.00	40.33 -1.29 0.00	38.24 -1.31 0.00	37.56 -0.61 0.00	39.58 -1.56 0.00	46.14 -2.02 0.00	46.19 -3.80 0.00	41.10 -3.77 0.00	35.52 -1.60 0.00	31.08 -1.50 0.00	31.09 -1.57 0.00	31.99 -1.72 0.00	32.57 -1.68 0.00	33.28 -2.47 0.00	37.86 -3.97 0.00	51.07 -4.68 0.00	66.08 -5.36 0.00	67.39 -5.38 0.00	59.77 -5.70 0.00	52.22 -5.55 0.00	47.03 -5.46 0.00	43.52 -3.53 0.00	41.35 -2.04 0.00
OLIN_CORP_DSASP 323712	45.49 -3.11 0.00	49.59 -1.85 0.00	47.48 -2.60 0.00	39.71 -1.91 0.00	37.69 -1.86 0.00	37.02 -1.15 0.00	39.00 -2.14 0.00	45.70 -2.46 0.00	45.99 -4.00 0.00	40.92 -3.95 0.00	35.41 -1.71 0.00	30.98 -1.60 0.00	30.99 -1.67 0.00	31.89 -1.82 0.00	32.46 -1.78 0.00	33.17 -2.57 0.00	37.69 -4.14 0.00	50.84 -4.91 0.00	65.72 -5.72 0.00	67.02 -5.75 0.00	59.44 -6.02 0.00	51.93 -5.83 0.00	46.82 -5.67 0.00	43.19 -3.86 0.00	40.65 -2.73 0.00
ONEIDA_HERK_LFGE 323681	49.48 0.88 0.00	52.42 0.97 0.00	50.99 0.90 0.00	42.41 0.79 0.00	40.26 0.71 0.00	38.93 0.76 0.00	42.00 0.87 0.00	49.17 1.01 0.00	50.94 0.95 0.00	45.54 0.67 0.00	37.52 0.41 0.00	32.87 0.29 0.00	33.02 0.36 0.00	34.04 0.34 0.00	34.52 0.27 0.00	36.03 0.28 0.00	42.29 0.46 0.00	56.64 0.89 0.00	72.87 1.43 0.00	74.45 1.68 0.00	67.03 1.57 0.00	59.03 1.27 0.00	53.59 1.10 0.00	47.94 0.89 0.00	44.17 0.78 0.00
ONEIDA___115KV_TB4 55905	49.43 0.83 0.00	52.42 0.98 0.00	51.04 0.95 0.00	42.45 0.83 0.00	40.30 0.75 0.00	38.97 0.80 0.00	42.00 0.86 0.00	49.22 1.06 0.00	50.94 0.95 0.00	45.59 0.72 0.00	37.63 0.52 0.00	32.94 0.36 0.00	33.08 0.42 0.00	34.11 0.40 0.00	34.62 0.38 0.00	36.10 0.36 0.00	42.33 0.50 0.00	56.70 0.95 0.00	72.94 1.50 0.00	74.44 1.67 0.00	66.97 1.51 0.00	58.97 1.21 0.00	53.54 1.05 0.00	47.94 0.89 0.00	44.21 0.82 0.00
ONONDAGA_REF_OCCRA 23987	47.97 -0.63 0.00	50.87 -0.57 0.00	49.49 -0.60 0.00	41.12 -0.50 0.00	39.11 -0.44 0.00	37.79 -0.38 0.00	40.65 -0.49 0.00	47.58 -0.58 0.00	49.29 -0.70 0.00	44.29 -0.58 0.00	36.74 -0.37 0.00	32.25 -0.33 0.00	32.33 -0.33 0.00	33.34 -0.37 0.00	33.87 -0.38 0.00	35.28 -0.46 0.00	41.20 -0.63 0.00	55.14 -0.61 0.00	70.87 -0.57 0.00	72.26 -0.51 0.00	64.87 -0.59 0.00	57.18 -0.58 0.00	51.86 -0.63 0.00	46.53 -0.52 0.00	43.00 -0.39 0.00
ONONDAGA___COGEN 23986	48.02 -0.58 0.00	50.93 -0.51 0.00	49.54 -0.55 0.00	41.16 -0.46 0.00	39.15 -0.40 0.00	37.86 -0.31 0.00	40.69 -0.45 0.00	47.63 -0.53 0.00	49.34 -0.65 0.00	44.33 -0.54 0.00	36.78 -0.33 0.00	32.32 -0.26 0.00	32.37 -0.29 0.00	33.37 -0.34 0.00	33.90 -0.34 0.00	35.28 -0.46 0.00	41.20 -0.63 0.00	55.14 -0.61 0.00	70.87 -0.57 0.00	72.19 -0.58 0.00	64.81 -0.65 0.00	57.18 -0.58 0.00	51.86 -0.63 0.00	46.58 -0.47 0.00	43.00 -0.39 0.00
ONTARIO___LFGE 23819	48.26 -0.34 0.00	51.65 0.21 0.00	49.94 -0.15 0.00	41.79 0.17 0.00	39.66 0.12 0.00	38.63 0.46 0.00	41.18 0.04 0.00	48.02 -0.14 0.00	49.39 -0.60 0.00	44.33 -0.54 0.00	36.82 -0.30 0.00	32.45 -0.13 0.00	32.50 -0.16 0.00	33.47 -0.23 0.00	33.90 -0.34 0.00	35.21 -0.54 0.00	40.87 -0.96 0.00	54.80 -0.95 0.00	71.37 -0.07 0.00	72.92 0.15 0.00	65.01 -0.46 0.00	57.01 -0.75 0.00	51.18 -1.31 0.00	46.58 -0.47 0.00	43.17 -0.22 0.00
ORANGEVILLE_WT_PWR 323706	47.09 -1.51 0.00	51.08 -0.36 0.00	49.03 -1.05 0.00	41.08 -0.54 0.00	38.95 -0.59 0.00	38.17 0.00 0.00	40.36 -0.78 0.00	47.00 -1.16 0.00	47.84 -2.15 0.00	42.53 -2.34 0.00	35.70 -1.41 0.00	31.76 -0.81 0.00	31.78 -0.88 0.00	32.73 -0.98 0.00	33.12 -1.13 0.00	34.14 -1.61 0.00	39.07 -2.76 0.00	52.57 -3.18 0.00	68.72 -2.71 0.00	70.30 -2.47 0.00	62.25 -3.21 0.00	54.24 -3.53 0.00	48.34 -4.15 0.00	44.69 -2.35 0.00	41.74 -1.65 0.00
ORANGEVILLE___ESR 323794	47.09 -1.51 0.00	51.08 -0.36 0.00	49.03 -1.05 0.00	41.08 -0.54 0.00	38.95 -0.59 0.00	38.17 0.00 0.00	40.36 -0.78 0.00	47.00 -1.16 0.00	47.84 -2.15 0.00	42.53 -2.34 0.00	35.70 -1.41 0.00	31.76 -0.81 0.00	31.78 -0.88 0.00	32.73 -0.98 0.00	33.12 -1.13 0.00	34.14 -1.61 0.00	39.07 -2.76 0.00	52.57 -3.18 0.00	68.72 -2.71 0.00	70.30 -2.47 0.00	62.25 -3.21 0.00	54.24 -3.53 0.00	48.34 -4.15 0.00	44.69 -2.35 0.00	41.74 -1.65 0.00
OSWEGATCHIE___HYD 24044	49.67 1.07 0.00	52.73 1.29 0.00	51.14 1.05 0.00	42.66 1.04 0.00	40.49 0.95 0.00	39.16 0.99 0.00	42.17 1.03 0.00	49.41 1.25 0.00	51.14 1.15 0.00	45.63 0.76 0.00	37.52 0.41 0.00	32.90 0.33 0.00	33.05 0.39 0.00	34.08 0.37 0.00	34.52 0.27 0.00	36.03 0.28 0.00	42.21 0.38 0.00	56.47 0.72 0.00	72.58 1.14 0.00	74.22 1.45 0.00	66.97 1.51 0.00	59.21 1.44 0.00	53.80 1.31 0.00	48.22 1.18 0.00	44.25 0.87 0.00
OSWEGO___5 23606	47.19 -1.41 0.00	50.05 -1.39 0.00	48.68 -1.40 0.00	40.50 -1.12 0.00	38.48 -1.07 0.00	37.22 -0.95 0.00	40.03 -1.11 0.00	46.81 -1.35 0.00	48.49 -1.50 0.00	43.57 -1.30 0.00	36.11 -1.00 0.00	31.76 -0.81 0.00	31.84 -0.82 0.00	32.83 -0.88 0.00	33.35 -0.89 0.00	34.75 -1.00 0.00	40.53 -1.30 0.00	54.08 -1.67 0.00	69.51 -1.93 0.00	70.81 -1.96 0.00	63.63 -1.83 0.00	56.08 -1.68 0.00	50.91 -1.57 0.00	45.73 -1.32 0.00	42.22 -1.17 0.00
OSWEGO___6 23613	47.19 -1.41 0.00	50.05 -1.39 0.00	48.68 -1.40 0.00	40.50 -1.12 0.00	38.48 -1.07 0.00	37.22 -0.95 0.00	40.03 -1.11 0.00	46.81 -1.35 0.00	48.49 -1.50 0.00	43.57 -1.30 0.00	36.11 -1.00 0.00	31.76 -0.81 0.00	31.84 -0.82 0.00	32.83 -0.88 0.00	33.35 -0.89 0.00	34.75 -1.00 0.00	40.53 -1.30 0.00	54.08 -1.67 0.00	69.51 -1.93 0.00	70.81 -1.96 0.00	63.63 -1.83 0.00	56.08 -1.68 0.00	50.91 -1.57 0.00	45.73 -1.32 0.00	42.22 -1.17 0.00

OUTOKUMPU-AB___DRP 24206	46.51 -2.09 0.00	50.62 -0.82 0.00	48.53 -1.55 0.00	40.66 -0.96 0.00	38.56 -0.99 0.00	37.82 -0.34 0.00	39.90 -1.23 0.00	46.72 -1.44 0.00	46.99 -3.00 0.00	41.77 -3.10 0.00	36.07 -1.04 0.00	31.57 -1.01 0.00	31.58 -1.08 0.00	32.53 -1.18 0.00	33.11 -1.13 0.00	33.85 -1.89 0.00	38.53 -3.30 0.00	52.01 -3.74 0.00	67.37 -4.07 0.00	68.77 -4.00 0.00	60.94 -4.52 0.00	53.14 -4.62 0.00	47.87 -4.62 0.00	44.18 -2.87 0.00	41.57 -1.82 0.00
OXBOW___BTM 323836	46.02 -2.58 0.00	50.16 -1.28 0.00	48.08 -2.01 0.00	40.25 -1.37 0.00	38.16 -1.39 0.00	37.48 -0.69 0.00	39.49 -1.65 0.00	45.95 -2.21 0.00	46.54 -3.45 0.00	41.41 -3.45 0.00	34.96 -2.15 0.00	31.31 -1.27 0.00	31.32 -1.34 0.00	32.26 -1.45 0.00	32.60 -1.64 0.00	33.56 -2.18 0.00	38.15 -3.68 0.00	51.23 -4.51 0.00	66.72 -4.72 0.00	68.11 -4.66 0.00	60.29 -5.17 0.00	52.56 -5.20 0.00	46.82 -5.67 0.00	43.66 -3.39 0.00	41.18 -2.21 0.00
OXBOW___ 24026	46.02 -2.58 0.00	50.15 -1.29 0.00	48.08 -2.00 0.00	40.25 -1.37 0.00	38.16 -1.38 0.00	37.48 -0.69 0.00	39.49 -1.65 0.00	46.28 -1.88 0.00	46.54 -3.45 0.00	41.41 -3.45 0.00	35.78 -1.34 0.00	31.31 -1.27 0.00	31.32 -1.34 0.00	32.26 -1.45 0.00	32.84 -1.40 0.00	33.57 -2.18 0.00	38.15 -3.68 0.00	51.51 -4.24 0.00	66.65 -4.79 0.00	68.04 -4.73 0.00	60.29 -5.17 0.00	52.62 -5.14 0.00	47.40 -5.09 0.00	43.75 -3.29 0.00	41.17 -2.21 0.00
OXY_CHEM_DSASP 323612	45.49 -3.11 0.00	49.59 -1.85 0.00	47.48 -2.60 0.00	39.71 -1.91 0.00	37.69 -1.86 0.00	37.02 -1.15 0.00	39.00 -2.14 0.00	45.70 -2.46 0.00	45.99 -4.00 0.00	40.92 -3.95 0.00	35.41 -1.71 0.00	30.98 -1.60 0.00	30.99 -1.67 0.00	31.89 -1.82 0.00	32.46 -1.78 0.00	33.17 -2.57 0.00	37.69 -4.14 0.00	50.84 -4.91 0.00	65.72 -5.72 0.00	67.02 -5.75 0.00	59.44 -6.02 0.00	51.93 -5.83 0.00	46.82 -5.67 0.00	43.19 -3.86 0.00	40.65 -2.73 0.00
OZONE_PARK_ESR 323760	51.52 2.92 0.00	53.76 2.31 0.00	52.69 2.60 0.00	43.91 2.29 0.00	41.64 2.10 0.00	40.19 2.02 0.00	43.36 2.22 0.00	50.86 2.70 0.00	52.84 2.85 0.00	47.74 2.87 0.00	39.49 2.38 0.00	34.76 2.18 0.00	34.91 2.25 0.00	36.10 2.39 0.00	36.61 2.36 0.00	38.28 2.54 0.00	45.01 3.18 0.00	59.65 3.90 0.00	75.94 4.50 0.00	77.14 4.37 0.00	69.39 3.93 0.00	61.23 3.47 0.00	55.95 3.46 0.00	50.24 3.20 0.00	46.21 2.82 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	45.49 -3.11 0.00	49.59 -1.85 0.00	47.48 -2.60 0.00	39.71 -1.91 0.00	37.69 -1.86 0.00	37.02 -1.15 0.00	39.00 -2.14 0.00	45.70 -2.46 0.00	45.99 -4.00 0.00	40.92 -3.95 0.00	35.41 -1.71 0.00	30.98 -1.60 0.00	30.99 -1.67 0.00	31.89 -1.82 0.00	32.46 -1.78 0.00	33.17 -2.57 0.00	37.69 -4.14 0.00	50.84 -4.91 0.00	65.72 -5.72 0.00	67.02 -5.75 0.00	59.44 -6.02 0.00	51.93 -5.83 0.00	46.82 -5.67 0.00	43.19 -3.86 0.00	40.65 -2.73 0.00
PACKARD___115KV_DUPONT_184 80571	45.49 -3.11 0.00	49.59 -1.85 0.00	47.48 -2.61 0.00	39.71 -1.91 0.00	37.69 -1.86 0.00	37.02 -1.14 0.00	39.00 -2.14 0.00	45.42 -2.74 0.00	45.99 -4.00 0.00	40.92 -3.95 0.00	34.55 -2.56 0.00	30.98 -1.60 0.00	31.00 -1.66 0.00	31.89 -1.82 0.00	32.22 -2.02 0.00	33.17 -2.57 0.00	37.69 -4.14 0.00	50.57 -5.18 0.00	65.79 -5.65 0.00	67.17 -5.60 0.00	59.44 -6.02 0.00	51.87 -5.89 0.00	46.24 -6.25 0.00	43.14 -3.90 0.00	40.66 -2.73 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	51.42 2.82 0.00	53.50 2.06 0.00	52.44 2.35 0.00	43.79 2.16 0.00	41.56 2.02 0.00	40.11 1.95 0.00	42.99 1.85 0.00	50.18 2.02 0.00	51.94 1.95 0.00	46.88 2.02 0.01	38.82 1.71 0.00	34.21 1.63 0.00	34.33 1.67 0.00	35.53 1.82 0.00	36.03 1.78 0.00	37.68 1.93 0.00	44.26 2.43 0.00	58.53 2.79 0.01	74.72 3.29 0.01	75.89 3.13 0.01	68.14 2.68 0.01	60.06 2.31 0.01	55.00 2.52 0.01	49.73 2.68 0.00	45.90 2.52 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	51.95 3.35 0.00	54.12 2.67 0.00	53.04 2.96 0.00	44.29 2.66 0.00	42.04 2.49 0.00	40.57 2.40 0.00	43.48 2.34 0.00	50.76 2.60 0.00	52.49 2.50 0.00	47.37 2.51 0.01	39.23 2.12 0.00	34.53 1.95 0.00	34.65 1.99 0.00	35.86 2.16 0.00	36.37 2.12 0.00	38.03 2.29 0.00	44.68 2.84 0.00	59.14 3.40 0.01	75.43 4.00 0.01	76.62 3.86 0.01	68.86 3.40 0.01	60.64 2.89 0.01	55.52 3.04 0.01	50.20 3.15 0.00	46.38 2.99 0.00
PATROON___115KV_TB1 80586	49.67 1.07 0.00	52.42 0.98 0.00	51.14 1.05 0.00	42.37 0.75 0.00	40.26 0.71 0.00	38.74 0.57 0.00	41.88 0.74 0.00	48.98 0.82 0.00	51.14 1.15 0.00	45.86 0.99 0.00	37.74 0.63 0.00	33.13 0.55 0.00	33.18 0.52 0.00	34.28 0.57 0.00	34.96 0.72 0.00	36.64 0.89 0.00	42.96 1.13 0.00	57.25 1.51 0.00	73.37 1.93 0.00	74.73 1.96 0.00	67.29 1.83 0.00	59.38 1.62 0.00	54.06 1.57 0.00	48.22 1.18 0.00	44.43 1.04 0.00
PATTRSNVILLE___SOLAR 323815	50.01 1.41 0.00	52.83 1.39 0.00	51.49 1.40 0.00	42.75 1.12 0.00	40.57 1.03 0.00	39.08 0.91 0.00	42.29 1.15 0.00	49.46 1.30 0.00	51.19 1.20 0.00	45.50 0.63 0.00	37.38 0.26 0.00	32.64 0.07 0.00	32.69 0.03 0.00	33.78 0.07 0.00	34.45 0.21 0.00	36.10 0.36 0.00	42.58 0.75 0.00	57.42 1.67 0.00	73.87 2.43 0.00	75.32 2.55 0.00	67.88 2.42 0.00	59.84 2.08 0.00	54.37 1.89 0.00	48.51 1.46 0.00	44.69 1.30 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	46.51 -2.09 0.00	50.51 -0.93 0.00	48.48 -1.60 0.00	40.66 -0.96 0.00	38.52 -1.03 0.00	37.79 -0.38 0.00	39.86 -1.28 0.00	46.72 -1.44 0.00	47.29 -2.70 0.00	42.09 -2.78 0.00	36.19 -0.93 0.00	31.70 -0.88 0.00	31.68 -0.98 0.00	32.66 -1.04 0.00	33.25 -0.99 0.00	34.00 -1.75 0.00	38.78 -3.05 0.00	52.40 -3.34 0.00	68.08 -3.36 0.00	69.50 -3.27 0.00	61.53 -3.93 0.00	53.66 -4.10 0.00	48.24 -4.25 0.00	44.32 -2.73 0.00	41.39 -2.00 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	51.27 2.67 0.00	53.76 2.31 0.00	52.59 2.50 0.00	43.74 2.12 0.00	41.52 1.98 0.00	40.00 1.83 0.00	43.15 2.02 0.00	50.62 2.46 0.00	52.49 2.50 0.00	47.34 2.47 0.00	39.01 1.89 0.00	34.30 1.73 0.00	34.46 1.80 0.00	35.70 1.99 0.00	36.20 1.95 0.00	37.89 2.14 0.00	44.68 2.84 0.00	59.32 3.57 0.00	75.80 4.36 0.00	76.99 4.22 0.00	69.26 3.80 0.00	61.05 3.29 0.00	55.69 3.20 0.00	49.96 2.92 0.00	45.95 2.56 0.00
PEEKSKILL___ 23653	50.93 2.33 0.00	53.29 1.85 0.00	52.14 2.05 0.00	43.41 1.79 0.00	41.21 1.66 0.00	39.73 1.57 0.00	42.91 1.77 0.00	50.28 2.12 0.00	52.19 2.20 0.00	47.11 2.24 0.00	39.04 1.93 0.00	34.24 1.66 0.00	34.36 1.70 0.00	35.56 1.85 0.00	36.06 1.81 0.00	37.75 2.00 0.00	44.38 2.55 0.00	58.92 3.18 0.00	75.08 3.64 0.00	76.26 3.49 0.00	68.54 3.08 0.00	60.53 2.77 0.00	55.32 2.83 0.00	49.54 2.49 0.00	45.73 2.34 0.00
PGE MADISON___WINDPWR 24146	51.56 2.96 0.00	54.89 3.45 0.00	53.44 3.36 0.00	44.49 2.87 0.00	42.16 2.61 0.00	40.95 2.79 0.00	44.10 2.96 0.00	51.72 3.56 0.00	53.24 3.25 0.00	47.43 2.56 0.00	39.04 1.93 0.00	33.95 1.37 0.00	34.16 1.50 0.00	35.19 1.48 0.00	35.61 1.37 0.00	37.03 1.29 0.00	43.76 1.92 0.00	59.26 3.51 0.00	76.73 5.29 0.00	78.45 5.68 0.00	70.44 4.97 0.00	61.69 3.93 0.00	55.69 3.20 0.00	49.77 2.73 0.00	45.82 2.43 0.00

PIERCEFIELD___HYD 23852	50.20 1.60 0.00	53.24 1.80 0.00	51.74 1.65 0.00	43.12 1.50 0.00	40.97 1.42 0.00	39.54 1.37 0.00	42.62 1.48 0.00	49.94 1.78 0.00	51.69 1.70 0.00	46.21 1.35 0.00	38.00 0.89 0.00	33.36 0.78 0.00	33.51 0.85 0.00	34.58 0.88 0.00	35.03 0.79 0.00	36.53 0.79 0.00	42.88 1.05 0.00	57.09 1.34 0.00	73.23 1.79 0.00	74.73 1.96 0.00	67.42 1.96 0.00	59.67 1.91 0.00	54.11 1.63 0.00	48.55 1.51 0.00	44.56 1.17 0.00
PINELAWN_CC_1 323563	48.51 1.46 1.54	48.59 0.31 3.16	48.66 0.65 2.07	43.62 2.00 0.00	41.33 1.78 0.00	39.96 1.79 0.00	43.28 2.14 0.00	48.38 1.15 0.94	49.01 0.85 1.82	47.16 2.29 0.00	38.56 1.45 0.00	34.30 1.73 0.00	34.49 1.83 0.00	35.80 2.09 0.00	36.61 2.36 0.00	38.71 2.97 0.00	45.79 3.64 -0.32	53.45 1.34 3.63	73.58 2.14 0.00	75.25 2.48 0.00	67.62 2.16 0.00	59.16 1.44 0.05	53.68 1.73 0.54	49.71 2.78 0.11	46.73 3.34 0.00
PJM_GEN_HTTP_PROXY 323702	51.17 2.57 0.00	53.40 1.95 0.00	52.34 2.26 0.00	43.62 2.00 0.00	41.40 1.86 0.00	39.92 1.76 0.00	43.11 1.97 0.00	48.33 2.41 2.23	54.72 2.50 -2.23	47.43 2.56 0.00	39.34 2.23 0.00	34.50 1.92 0.00	34.65 1.99 0.00	35.83 2.12 0.00	36.33 2.09 0.00	37.96 2.22 0.00	44.68 2.85 0.00	59.21 3.46 0.00	75.37 3.93 0.00	76.48 3.71 0.00	68.73 3.27 0.00	60.76 3.00 0.00	55.53 3.04 0.00	49.77 2.73 0.00	45.99 2.60 0.00
PJM_GEN_KEystone 24065	48.60 0.00 0.00	51.75 0.31 0.00	50.24 0.15 0.00	41.92 0.29 0.00	39.78 0.24 0.00	38.66 0.49 0.00	41.30 0.17 0.00	46.07 0.14 2.23	51.98 -0.25 -2.23	44.60 -0.27 0.00	37.23 0.11 0.00	32.90 0.33 0.00	32.99 0.33 0.00	34.04 0.34 0.00	34.45 0.21 0.00	35.78 0.04 0.00	41.54 -0.29 0.00	55.47 -0.28 0.00	71.51 0.07 0.00	72.77 0.00 0.00	64.93 -0.53 0.00	57.07 -0.69 0.00	51.54 -0.94 0.00	46.81 -0.23 0.00	43.47 0.09 0.00
PJM_GEN_NEPTUNE_PROXY 323594	47.85 1.46 2.20	47.85 0.36 3.96	47.81 0.65 2.93	43.44 1.83 0.01	41.20 1.66 0.01	39.80 1.64 0.01	43.11 1.97 0.01	45.74 1.15 3.57	50.81 0.90 0.08	47.06 2.20 0.01	38.52 1.41 0.01	34.26 1.69 0.01	34.42 1.76 0.01	35.72 2.02 0.01	36.46 2.22 0.01	38.53 2.79 0.01	45.36 3.51 -0.02	52.80 1.78 4.74	74.43 3.00 0.01	75.96 3.20 0.01	68.20 2.75 0.01	59.54 1.85 0.07	53.76 2.04 0.78	49.47 2.68 0.26	46.38 3.21 0.22
PJM_GEN_VFT_PROXY 323633	47.72 2.28 3.16	46.52 1.65 6.57	46.52 1.95 5.52	43.37 1.75 0.00	41.17 1.62 0.00	39.73 1.57 0.00	42.91 1.77 0.00	48.10 2.17 2.23	54.52 2.30 -2.23	47.29 2.42 0.00	39.27 2.15 0.00	34.43 1.86 0.00	34.55 1.89 0.00	35.73 2.02 0.00	36.23 1.99 0.00	37.89 2.14 0.00	43.02 2.72 1.53	55.30 3.29 3.74	74.35 3.50 0.59	74.14 3.28 1.91	65.92 2.95 2.49	52.99 2.77 7.54	46.38 2.88 8.99	44.28 2.54 5.30	43.91 2.38 1.86
PLATSBURG_115KV_PMLD1 355749	49.77 1.17 0.00	52.88 1.44 0.00	51.39 1.30 0.00	42.83 1.21 0.00	40.73 1.19 0.00	39.31 1.15 0.00	42.33 1.19 0.00	49.65 1.49 0.00	51.44 1.45 0.00	46.08 1.21 0.00	37.97 0.85 0.00	33.33 0.75 0.00	33.41 0.75 0.00	34.48 0.78 0.00	34.96 0.72 0.00	36.50 0.75 0.00	42.83 1.00 0.00	56.47 0.72 0.00	71.94 0.50 0.00	73.28 0.51 0.00	65.98 0.52 0.00	58.40 0.64 0.00	52.91 0.42 0.00	47.75 0.71 0.00	44.17 0.78 0.00
PLEASANTVLY___LBMP 24000	50.64 2.04 0.00	53.04 1.59 0.00	51.89 1.80 0.00	43.20 1.58 0.00	40.97 1.42 0.00	39.50 1.34 0.00	42.66 1.52 0.00	49.99 1.83 0.00	51.94 1.95 0.00	46.84 1.97 0.00	38.67 1.56 0.00	34.01 1.43 0.00	34.13 1.47 0.00	35.33 1.62 0.00	35.85 1.61 0.00	37.50 1.75 0.00	44.09 2.26 0.00	58.42 2.68 0.00	74.58 3.14 0.00	75.83 3.06 0.00	68.14 2.68 0.00	60.13 2.37 0.00	54.95 2.47 0.00	49.26 2.21 0.00	45.38 2.00 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	50.98 2.38 0.00	53.34 1.90 0.00	52.19 2.10 0.00	43.50 1.87 0.00	41.29 1.74 0.00	39.81 1.64 0.00	42.95 1.81 0.00	50.33 2.17 0.00	52.29 2.30 0.00	47.20 2.33 0.00	38.97 1.86 0.00	34.30 1.73 0.00	34.42 1.76 0.00	35.63 1.92 0.00	36.13 1.88 0.00	37.82 2.07 0.00	44.47 2.64 0.00	58.93 3.18 0.00	75.15 3.71 0.00	76.41 3.64 0.00	68.67 3.21 0.00	60.59 2.83 0.00	55.37 2.89 0.00	49.63 2.59 0.00	45.73 2.34 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	50.98 2.38 0.00	53.34 1.90 0.00	52.19 2.10 0.00	43.50 1.87 0.00	41.29 1.74 0.00	39.81 1.64 0.00	42.95 1.81 0.00	50.33 2.17 0.00	52.29 2.30 0.00	47.20 2.33 0.00	38.97 1.86 0.00	34.30 1.73 0.00	34.42 1.76 0.00	35.63 1.92 0.00	36.13 1.88 0.00	37.82 2.07 0.00	44.47 2.64 0.00	58.93 3.18 0.00	75.15 3.71 0.00	76.41 3.64 0.00	68.67 3.21 0.00	60.59 2.83 0.00	55.37 2.89 0.00	49.63 2.59 0.00	45.73 2.34 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	50.88 2.28 0.00	53.34 1.90 0.00	52.14 2.05 0.00	43.37 1.75 0.00	41.17 1.62 0.00	39.69 1.53 0.00	42.87 1.73 0.00	50.23 2.07 0.00	52.14 2.15 0.00	47.02 2.15 0.00	38.75 1.63 0.00	34.04 1.47 0.00	34.16 1.50 0.00	35.36 1.65 0.00	35.89 1.64 0.00	37.57 1.82 0.00	44.26 2.43 0.00	58.81 3.07 0.00	75.15 3.71 0.00	76.41 3.64 0.00	68.67 3.21 0.00	60.53 2.77 0.00	55.27 2.78 0.00	49.49 2.45 0.00	45.60 2.21 0.00
POLETTI_____ 23519	51.52 2.92 0.00	53.55 2.11 0.00	52.54 2.45 0.00	43.87 2.25 0.00	41.64 2.10 0.00	40.19 2.02 0.00	43.07 1.93 0.00	50.23 2.07 0.00	51.94 1.95 0.00	46.88 2.02 0.01	38.86 1.74 0.00	34.30 1.73 0.00	34.42 1.76 0.00	35.63 1.92 0.00	36.09 1.85 0.00	37.75 2.00 0.00	44.34 2.51 0.00	58.64 2.90 0.01	74.79 3.36 0.01	76.04 3.27 0.01	68.27 2.81 0.01	60.12 2.37 0.01	55.05 2.57 0.01	49.77 2.73 0.00	45.99 2.60 0.00
POMONA___ESR 323819	51.03 2.43 0.00	53.40 1.95 0.00	52.24 2.15 0.00	43.54 1.92 0.00	41.28 1.74 0.00	39.81 1.64 0.00	42.99 1.85 0.00	50.38 2.22 0.00	52.29 2.30 0.00	47.20 2.33 0.00	39.12 2.00 0.00	34.30 1.73 0.00	34.42 1.76 0.00	35.63 1.92 0.00	36.13 1.88 0.00	37.82 2.07 0.00	44.47 2.64 0.00	59.04 3.29 0.00	75.29 3.86 0.00	76.48 3.71 0.00	68.73 3.27 0.00	60.70 2.94 0.00	55.42 2.94 0.00	49.63 2.59 0.00	45.82 2.43 0.00
PORT_JEFF_3 23555	47.55 0.92 1.97	47.54 -0.20 3.69	47.60 0.15 2.63	43.11 1.50 0.00	40.84 1.30 0.00	39.50 1.34 0.00	42.82 1.69 0.00	47.64 0.67 1.20	48.24 0.40 2.15	46.70 1.84 0.00	38.19 1.08 0.00	34.00 1.43 0.00	34.16 1.50 0.00	35.49 1.79 0.00	36.36 2.12 0.00	38.42 2.68 0.00	45.31 3.35 -0.13	52.78 1.39 4.36	74.15 2.71 0.00	75.75 2.98 0.00	68.08 2.62 0.00	59.31 1.62 0.06	53.63 1.84 0.70	49.28 2.44 0.21	46.24 2.99 0.14
PORT_JEFF_4 23616	47.55 0.92 1.97	47.54 -0.20 3.69	47.60 0.15 2.63	43.11 1.50 0.00	40.84 1.30 0.00	39.50 1.34 0.00	42.82 1.69 0.00	47.64 0.67 1.20	48.24 0.40 2.15	46.70 1.84 0.00	38.19 1.08 0.00	34.00 1.43 0.00	34.16 1.50 0.00	35.49 1.79 0.00	36.36 2.12 0.00	38.42 2.68 0.00	45.31 3.35 -0.13	52.78 1.39 4.36	74.15 2.71 0.00	75.75 2.98 0.00	68.08 2.62 0.00	59.31 1.62 0.06	53.63 1.84 0.70	49.28 2.44 0.21	46.24 2.99 0.14

PORT_JEFF_IC 23713	47.62 0.97 1.95	47.57 -0.21 3.67	47.63 0.15 2.61	43.12 1.50 0.00	40.85 1.31 0.00	39.50 1.34 0.00	42.82 1.69 0.00	47.55 0.58 1.19	48.30 0.45 2.14	46.75 1.88 0.00	38.00 0.89 0.00	34.01 1.43 0.00	34.19 1.54 0.00	35.52 1.82 0.00	36.23 1.99 0.00	38.46 2.72 0.00	45.36 3.39 -0.14	52.81 1.39 4.33	74.79 3.36 0.00	76.40 3.64 0.00	68.47 3.01 0.00	59.55 1.85 0.06	54.21 2.41 0.69	49.57 2.73 0.20	46.34 3.08 0.13
PPL PILGRIM_ST_GT1 24216	47.86 1.12 1.86	47.83 -0.05 3.56	47.86 0.25 2.48	43.78 2.16 0.00	41.48 1.94 0.00	40.11 1.95 0.00	43.48 2.34 0.00	47.85 0.82 1.13	48.42 0.50 2.07	47.29 2.42 0.00	38.63 1.52 0.00	34.40 1.82 0.00	34.58 1.93 0.00	35.89 2.19 0.00	36.71 2.47 0.00	38.85 3.11 0.00	45.45 3.43 -0.19	53.08 1.51 4.17	74.08 2.64 0.00	76.19 3.42 0.00	68.73 3.27 0.00	59.38 1.68 0.06	53.72 1.89 0.65	49.31 2.44 0.18	46.37 3.08 0.10
PPL PILGRIM_ST_GT2 24217	47.86 1.12 1.86	47.83 -0.05 3.56	47.86 0.25 2.48	43.78 2.16 0.00	41.48 1.94 0.00	40.11 1.95 0.00	43.48 2.34 0.00	47.85 0.82 1.13	48.42 0.50 2.07	47.29 2.42 0.00	38.63 1.52 0.00	34.40 1.82 0.00	34.58 1.93 0.00	35.89 2.19 0.00	36.71 2.47 0.00	38.85 3.11 0.00	45.45 3.43 -0.19	53.08 1.51 4.17	74.08 2.64 0.00	76.19 3.42 0.00	68.73 3.27 0.00	59.38 1.68 0.06	53.72 1.89 0.65	49.31 2.44 0.18	46.37 3.08 0.10
PPL_SHRM_GT3 24213	46.78 0.15 1.97	46.68 -1.08 3.68	46.76 -0.70 2.62	42.41 0.79 0.00	40.17 0.63 0.00	38.85 0.69 0.00	42.12 0.99 0.00	46.92 -0.05 1.19	47.50 -0.35 2.14	45.99 1.12 0.00	37.56 0.45 0.00	33.45 0.88 0.00	33.60 0.95 0.00	34.91 1.21 0.00	35.95 1.71 0.00	37.85 2.11 0.00	44.73 2.76 -0.14	52.02 0.61 4.35	73.29 1.85 0.00	74.88 2.11 0.00	67.29 1.83 0.00	58.68 0.98 0.06	53.05 1.26 0.69	48.67 1.83 0.20	45.64 2.38 0.13
PPL_SHRM_GT4 24214	46.78 0.15 1.97	46.68 -1.08 3.68	46.76 -0.70 2.62	42.41 0.79 0.00	40.17 0.63 0.00	38.85 0.69 0.00	42.12 0.99 0.00	46.92 -0.05 1.19	47.50 -0.35 2.14	45.99 1.12 0.00	37.56 0.45 0.00	33.45 0.88 0.00	33.60 0.95 0.00	34.91 1.21 0.00	35.95 1.71 0.00	37.85 2.11 0.00	44.73 2.76 -0.14	52.02 0.61 4.35	73.29 1.85 0.00	74.88 2.11 0.00	67.29 1.83 0.00	58.68 0.98 0.06	53.05 1.26 0.69	48.67 1.83 0.20	45.64 2.38 0.13
PROJECT___ORANGE 1 24174	47.77 -0.83 0.00	50.67 -0.77 0.00	49.24 -0.85 0.00	40.96 -0.67 0.00	38.91 -0.63 0.00	37.63 -0.53 0.00	40.44 -0.70 0.00	47.39 -0.77 0.00	49.04 -0.95 0.00	44.06 -0.81 0.00	36.59 -0.52 0.00	32.15 -0.42 0.00	32.24 -0.42 0.00	33.24 -0.47 0.00	33.73 -0.51 0.00	35.14 -0.61 0.00	40.99 -0.84 0.00	54.80 -0.95 0.00	70.44 -1.00 0.00	71.75 -1.02 0.00	64.48 -0.98 0.00	56.84 -0.92 0.00	51.59 -0.89 0.00	46.29 -0.75 0.00	42.78 -0.61 0.00
PROJECT___ORANGE 2 24166	47.77 -0.83 0.00	50.67 -0.77 0.00	49.24 -0.85 0.00	40.96 -0.67 0.00	38.91 -0.63 0.00	37.63 -0.53 0.00	40.44 -0.70 0.00	47.39 -0.77 0.00	49.04 -0.95 0.00	44.06 -0.81 0.00	36.59 -0.52 0.00	32.15 -0.42 0.00	32.24 -0.42 0.00	33.24 -0.47 0.00	33.73 -0.51 0.00	35.14 -0.61 0.00	40.99 -0.84 0.00	54.80 -0.95 0.00	70.44 -1.00 0.00	71.75 -1.02 0.00	64.48 -0.98 0.00	56.84 -0.92 0.00	51.59 -0.89 0.00	46.29 -0.75 0.00	42.78 -0.61 0.00
PUCKETT___SOLAR 323809	49.52 0.92 0.00	52.62 1.18 0.00	51.14 1.05 0.00	42.58 0.96 0.00	40.41 0.87 0.00	39.16 0.99 0.00	42.04 0.90 0.00	49.27 1.11 0.00	50.89 0.90 0.00	45.50 0.63 0.00	37.60 0.48 0.00	32.97 0.39 0.00	33.05 0.39 0.00	34.08 0.37 0.00	34.59 0.34 0.00	36.07 0.32 0.00	42.25 0.42 0.00	56.75 1.00 0.00	73.23 1.79 0.00	74.66 1.89 0.00	66.97 1.51 0.00	58.92 1.15 0.00	53.22 0.73 0.00	47.84 0.80 0.00	44.21 0.82 0.00
PYRITES___HYD 24023	50.84 2.24 0.00	54.01 2.57 0.00	52.49 2.40 0.00	43.70 2.08 0.00	41.52 1.98 0.00	40.11 1.95 0.00	43.24 2.10 0.00	50.67 2.50 0.00	52.39 2.40 0.00	46.62 1.75 0.00	38.19 1.08 0.00	33.49 0.91 0.00	33.67 1.01 0.00	34.75 1.04 0.00	35.17 0.92 0.00	36.71 0.97 0.00	43.13 1.30 0.00	57.64 1.90 0.00	74.15 2.71 0.00	75.83 3.06 0.00	68.54 3.08 0.00	60.53 2.77 0.00	54.90 2.41 0.00	49.21 2.16 0.00	45.12 1.74 0.00
QUAKERRD_115KV_BK1 80622	46.41 -2.19 0.00	49.85 -1.59 0.00	48.13 -1.95 0.00	40.08 -1.54 0.00	38.04 -1.50 0.00	37.02 -1.15 0.00	39.49 -1.65 0.00	46.23 -1.93 0.00	47.29 -2.70 0.00	42.36 -2.51 0.00	35.74 -1.37 0.00	31.27 -1.30 0.00	31.35 -1.31 0.00	32.29 -1.42 0.00	32.81 -1.44 0.00	33.92 -1.82 0.00	39.28 -2.55 0.00	52.79 -2.95 0.00	68.08 -3.36 0.00	69.42 -3.35 0.00	62.06 -3.40 0.00	54.53 -3.23 0.00	49.34 -3.15 0.00	44.65 -2.40 0.00	41.48 -1.91 0.00
QUENSBRY_115KV_TB8 356137	49.91 1.31 0.00	52.78 1.34 0.00	51.44 1.35 0.00	42.70 1.08 0.00	40.57 1.03 0.00	38.97 0.80 0.00	42.25 1.11 0.00	49.17 1.01 0.00	51.14 1.15 0.00	45.59 0.72 0.00	37.41 0.30 0.00	32.68 0.10 0.00	32.66 0.00 0.00	33.78 0.07 0.00	34.52 0.27 0.00	36.18 0.43 0.00	42.67 0.84 0.00	57.42 1.67 0.00	74.01 2.57 0.00	75.46 2.69 0.00	68.01 2.55 0.00	59.96 2.19 0.00	54.38 1.89 0.00	48.46 1.41 0.00	44.65 1.26 0.00
RAMAPO___LBMP 323565	50.88 2.28 0.00	53.24 1.80 0.00	52.09 2.00 0.00	43.41 1.79 0.00	41.21 1.66 0.00	39.73 1.56 0.00	42.91 1.77 0.00	50.28 2.12 0.00	52.19 2.20 0.00	47.07 2.20 0.00	38.86 1.74 0.00	34.21 1.63 0.00	34.33 1.67 0.00	35.53 1.82 0.00	36.03 1.78 0.00	37.68 1.93 0.00	44.34 2.51 0.00	58.81 3.07 0.00	75.08 3.64 0.00	76.26 3.49 0.00	68.54 3.08 0.00	60.48 2.71 0.00	55.22 2.73 0.00	49.54 2.49 0.00	45.60 2.21 0.00
RANKINE____ 23646	46.80 -1.80 0.00	50.93 -0.51 0.00	48.83 -1.25 0.00	40.91 -0.71 0.00	38.79 -0.75 0.00	38.05 -0.11 0.00	40.15 -0.99 0.00	47.05 -1.11 0.00	47.49 -2.50 0.00	42.22 -2.65 0.00	36.37 -0.74 0.00	31.86 -0.72 0.00	31.84 -0.82 0.00	32.80 -0.91 0.00	33.39 -0.86 0.00	34.17 -1.57 0.00	38.90 -2.93 0.00	52.57 -3.18 0.00	68.15 -3.29 0.00	69.57 -3.20 0.00	61.66 -3.80 0.00	53.78 -3.99 0.00	48.34 -4.15 0.00	44.51 -2.54 0.00	41.70 -1.69 0.00
RAVENSWOOD_GT2_1 24244	51.18 2.58 0.00	53.40 1.95 0.00	52.34 2.25 0.00	43.62 2.00 0.00	41.40 1.86 0.00	39.96 1.79 0.00	43.07 1.93 0.00	50.52 2.36 0.00	52.44 2.45 0.00	47.38 2.51 0.00	39.16 2.04 0.00	34.50 1.92 0.00	34.62 1.96 0.00	35.83 2.12 0.00	36.33 2.09 0.00	38.00 2.25 0.00	44.68 2.84 0.00	59.15 3.40 0.00	75.30 3.86 0.00	76.48 3.71 0.00	68.73 3.27 0.00	60.71 2.95 0.00	55.48 2.99 0.00	49.87 2.82 0.00	45.90 2.52 0.00
RAVENSWOOD_GT2_2 24245	51.18 2.58 0.00	53.40 1.95 0.00	52.34 2.25 0.00	43.62 2.00 0.00	41.40 1.86 0.00	39.96 1.79 0.00	43.07 1.93 0.00	50.52 2.36 0.00	52.44 2.45 0.00	47.38 2.51 0.00	39.16 2.04 0.00	34.50 1.92 0.00	34.62 1.96 0.00	35.83 2.12 0.00	36.33 2.09 0.00	38.00 2.25 0.00	44.68 2.84 0.00	59.15 3.40 0.00	75.30 3.86 0.00	76.48 3.71 0.00	68.73 3.27 0.00	60.71 2.95 0.00	55.48 2.99 0.00	49.87 2.82 0.00	45.90 2.52 0.00

RAVENSWOOD_GT2_3 24246	51.22 2.62 0.00	53.45 2.01 0.00	52.34 2.25 0.00	43.62 2.00 0.00	41.40 1.86 0.00	39.96 1.79 0.00	43.11 1.97 0.00	50.52 2.36 0.00	52.49 2.50 0.00	47.43 2.56 0.00	39.19 2.08 0.00	34.50 1.92 0.00	34.65 1.99 0.00	35.83 2.12 0.00	36.33 2.09 0.00	38.00 2.25 0.00	44.68 2.84 0.00	59.15 3.40 0.00	75.37 3.93 0.00	76.55 3.78 0.00	68.80 3.34 0.00	60.71 2.95 0.00	55.53 3.04 0.00	49.87 2.82 0.00	45.90 2.52 0.00
RAVENSWOOD_GT2_4 24247	51.22 2.62 0.00	53.45 2.01 0.00	52.34 2.25 0.00	43.62 2.00 0.00	41.40 1.86 0.00	39.96 1.79 0.00	43.11 1.97 0.00	50.52 2.36 0.00	52.49 2.50 0.00	47.43 2.56 0.00	39.19 2.08 0.00	34.50 1.92 0.00	34.65 1.99 0.00	35.83 2.12 0.00	36.33 2.09 0.00	38.00 2.25 0.00	44.68 2.84 0.00	59.15 3.40 0.00	75.37 3.93 0.00	76.55 3.78 0.00	68.80 3.34 0.00	60.71 2.95 0.00	55.53 3.04 0.00	49.87 2.82 0.00	45.90 2.52 0.00
RAVENSWOOD_GT3_1 24248	51.18 2.58 0.00	53.40 1.95 0.00	52.34 2.25 0.00	43.62 2.00 0.00	41.40 1.86 0.00	39.96 1.79 0.00	43.11 1.97 0.00	50.52 2.36 0.00	52.44 2.45 0.00	47.38 2.51 0.00	39.16 2.04 0.00	34.50 1.92 0.00	34.62 1.96 0.00	35.83 2.12 0.00	36.33 2.09 0.00	38.00 2.25 0.00	44.68 2.84 0.00	59.15 3.40 0.00	75.30 3.86 0.00	76.48 3.71 0.00	68.73 3.27 0.00	60.71 2.95 0.00	55.48 2.99 0.00	49.87 2.82 0.00	45.90 2.52 0.00
RAVENSWOOD_GT3_2 24249	51.18 2.58 0.00	53.40 1.95 0.00	52.34 2.25 0.00	43.62 2.00 0.00	41.40 1.86 0.00	39.96 1.79 0.00	43.11 1.97 0.00	50.52 2.36 0.00	52.44 2.45 0.00	47.38 2.51 0.00	39.16 2.04 0.00	34.50 1.92 0.00	34.62 1.96 0.00	35.83 2.12 0.00	36.33 2.09 0.00	38.00 2.25 0.00	44.68 2.84 0.00	59.15 3.40 0.00	75.30 3.86 0.00	76.48 3.71 0.00	68.73 3.27 0.00	60.71 2.95 0.00	55.48 2.99 0.00	49.87 2.82 0.00	45.90 2.52 0.00
RAVENSWOOD_GT3_3 24250	51.22 2.62 0.00	53.50 2.06 0.00	52.39 2.30 0.00	43.66 2.04 0.00	41.44 1.90 0.00	40.00 1.83 0.00	43.15 2.02 0.00	50.57 2.41 0.00	52.49 2.50 0.00	47.43 2.56 0.00	39.23 2.12 0.00	34.53 1.95 0.00	34.69 2.02 0.00	35.86 2.16 0.00	36.37 2.12 0.00	38.03 2.29 0.00	44.72 2.89 0.00	59.20 3.46 0.00	75.44 4.00 0.00	76.63 3.86 0.00	68.86 3.40 0.00	60.76 3.00 0.00	55.58 3.10 0.00	49.92 2.87 0.00	45.95 2.56 0.00
RAVENSWOOD_GT3_4 24251	51.22 2.62 0.00	53.50 2.06 0.00	52.39 2.30 0.00	43.66 2.04 0.00	41.44 1.90 0.00	40.00 1.83 0.00	43.15 2.02 0.00	50.57 2.41 0.00	52.49 2.50 0.00	47.43 2.56 0.00	39.23 2.12 0.00	34.53 1.95 0.00	34.69 2.02 0.00	35.86 2.16 0.00	36.37 2.12 0.00	38.03 2.29 0.00	44.72 2.89 0.00	59.20 3.46 0.00	75.44 4.00 0.00	76.63 3.86 0.00	68.86 3.40 0.00	60.76 3.00 0.00	55.58 3.10 0.00	49.92 2.87 0.00	45.95 2.56 0.00
RAVENSWOOD_GT_1 23729	51.27 2.67 0.00	53.40 1.95 0.00	52.34 2.25 0.00	43.70 2.08 0.00	41.48 1.94 0.00	40.04 1.87 0.00	43.07 1.93 0.00	50.38 2.22 0.00	52.24 2.25 0.00	47.20 2.33 0.01	39.08 1.97 0.00	34.40 1.82 0.00	34.55 1.89 0.00	35.76 2.06 0.00	36.26 2.02 0.00	37.93 2.18 0.00	44.55 2.72 0.00	58.86 3.12 0.01	74.93 3.50 0.01	76.11 3.35 0.01	68.46 3.01 0.01	60.41 2.66 0.01	55.26 2.78 0.01	49.82 2.78 0.00	45.95 2.56 0.00
RAVENSWOOD_GT_10 24258	51.18 2.58 0.00	53.45 2.01 0.00	52.34 2.25 0.00	43.62 2.00 0.00	41.40 1.86 0.00	39.96 1.79 0.00	43.11 1.97 0.00	50.52 2.36 0.00	52.49 2.50 0.00	47.43 2.56 0.00	39.19 2.08 0.00	34.50 1.92 0.00	34.65 1.99 0.00	35.83 2.12 0.00	36.33 2.09 0.00	38.00 2.25 0.00	44.68 2.84 0.00	59.15 3.40 0.00	75.30 3.86 0.00	76.48 3.71 0.00	68.80 3.34 0.00	60.71 2.95 0.00	55.53 3.04 0.00	49.87 2.82 0.00	45.90 2.52 0.00
RAVENSWOOD_GT_11 24259	51.18 2.58 0.00	53.45 2.01 0.00	52.34 2.25 0.00	43.62 2.00 0.00	41.40 1.86 0.00	39.96 1.79 0.00	43.11 1.97 0.00	50.52 2.36 0.00	52.49 2.50 0.00	47.43 2.56 0.00	39.19 2.08 0.00	34.50 1.92 0.00	34.65 1.99 0.00	35.83 2.12 0.00	36.33 2.09 0.00	38.00 2.25 0.00	44.68 2.84 0.00	59.15 3.40 0.00	75.30 3.86 0.00	76.48 3.71 0.00	68.80 3.34 0.00	60.71 2.95 0.00	55.53 3.04 0.00	49.87 2.82 0.00	45.90 2.52 0.00
RAVENSWOOD_GT_4 24252	51.18 2.58 0.00	53.40 1.95 0.00	52.29 2.20 0.00	43.62 2.00 0.00	41.40 1.86 0.00	39.96 1.79 0.00	43.07 1.93 0.00	50.42 2.26 0.00	52.34 2.35 0.00	47.30 2.42 -0.01	39.12 2.00 0.00	34.47 1.89 0.00	34.59 1.93 0.00	35.80 2.09 0.00	36.26 2.02 0.00	37.96 2.22 0.00	44.63 2.80 0.00	59.04 3.29 -0.01	75.16 3.71 -0.01	76.34 3.57 -0.01	68.68 3.21 -0.01	60.60 2.83 -0.01	55.43 2.94 -0.01	49.82 2.78 0.00	45.90 2.52 0.00
RAVENSWOOD_GT_5 24254	51.18 2.58 0.00	53.40 1.95 0.00	52.29 2.20 0.00	43.62 2.00 0.00	41.40 1.86 0.00	39.96 1.79 0.00	43.07 1.93 0.00	50.42 2.26 0.00	52.34 2.35 0.00	47.30 2.42 -0.01	39.12 2.00 0.00	34.47 1.89 0.00	34.59 1.93 0.00	35.80 2.09 0.00	36.26 2.02 0.00	37.96 2.22 0.00	44.63 2.80 0.00	59.04 3.29 -0.01	75.16 3.71 -0.01	76.34 3.57 -0.01	68.68 3.21 -0.01	60.60 2.83 -0.01	55.43 2.94 -0.01	49.82 2.78 0.00	45.90 2.52 0.00
RAVENSWOOD_GT_6 24253	51.18 2.58 0.00	53.40 1.95 0.00	52.29 2.20 0.00	43.62 2.00 0.00	41.40 1.86 0.00	39.96 1.79 0.00	43.07 1.93 0.00	50.42 2.26 0.00	52.34 2.35 0.00	47.30 2.42 -0.01	39.12 2.00 0.00	34.47 1.89 0.00	34.59 1.93 0.00	35.80 2.09 0.00	36.26 2.02 0.00	37.96 2.22 0.00	44.63 2.80 0.00	59.04 3.29 -0.01	75.16 3.71 -0.01	76.34 3.57 -0.01	68.68 3.21 -0.01	60.60 2.83 -0.01	55.43 2.94 -0.01	49.82 2.78 0.00	45.90 2.52 0.00
RAVENSWOOD_GT_7 24255	51.18 2.58 0.00	53.40 1.95 0.00	52.29 2.20 0.00	43.62 2.00 0.00	41.40 1.86 0.00	39.96 1.79 0.00	43.07 1.93 0.00	50.42 2.26 0.00	52.34 2.35 0.00	47.30 2.42 -0.01	39.12 2.00 0.00	34.47 1.89 0.00	34.59 1.93 0.00	35.80 2.09 0.00	36.26 2.02 0.00	37.96 2.22 0.00	44.63 2.80 0.00	59.04 3.29 -0.01	75.16 3.71 -0.01	76.34 3.57 -0.01	68.68 3.21 -0.01	60.60 2.83 -0.01	55.43 2.94 -0.01	49.82 2.78 0.00	45.90 2.52 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	51.18 2.58 0.00	53.45 2.01 0.00	52.34 2.25 0.00	43.62 2.00 0.00	41.40 1.86 0.00	39.96 1.79 0.00	43.11 1.97 0.00	50.52 2.36 0.00	52.49 2.50 0.00	47.43 2.56 0.00	39.19 2.08 0.00	34.50 1.92 0.00	34.65 1.99 0.00	35.83 2.12 0.00	36.33 2.09 0.00	38.00 2.25 0.00	44.68 2.84 0.00	59.15 3.40 0.00	75.30 3.86 0.00	76.48 3.71 0.00	68.80 3.34 0.00	60.71 2.95 0.00	55.53 3.04 0.00	49.87 2.82 0.00	45.90 2.52 0.00
RAVENSWOOD_GT_9 24257	51.18 2.58 0.00	53.45 2.01 0.00	52.34 2.25 0.00	43.62 2.00 0.00	41.40 1.86 0.00	39.96 1.79 0.00	43.11 1.97 0.00	50.52 2.36 0.00	52.49 2.50 0.00	47.43 2.56 0.00	39.19 2.08 0.00	34.50 1.92 0.00	34.65 1.99 0.00	35.83 2.12 0.00	36.33 2.09 0.00	38.00 2.25 0.00	44.68 2.84 0.00	59.15 3.40 0.00	75.30 3.86 0.00	76.48 3.71 0.00	68.80 3.34 0.00	60.71 2.95 0.00	55.53 3.04 0.00	49.87 2.82 0.00	45.90 2.52 0.00

RAVENSWOOD___1 23533	51.27 2.67 0.00	53.35 1.90 0.00	52.34 2.26 0.00	43.66 2.04 0.00	41.44 1.90 0.00	40.00 1.83 0.00	43.03 1.89 0.00	50.38 2.22 0.00	52.19 2.20 0.00	47.19 2.33 0.01	39.23 2.11 0.00	34.40 1.82 0.00	34.55 1.89 0.00	35.73 2.02 0.00	36.23 1.99 0.00	37.89 2.14 0.00	44.55 2.72 0.00	58.92 3.18 0.01	74.93 3.50 0.01	76.04 3.28 0.01	68.40 2.95 0.01	60.47 2.72 0.01	55.26 2.78 0.01	49.73 2.68 0.00	45.99 2.60 0.00
RAVENSWOOD___2 23534	51.22 2.62 0.00	53.35 1.90 0.00	52.29 2.20 0.00	43.66 2.04 0.00	41.44 1.90 0.00	40.00 1.83 0.00	43.03 1.89 0.00	50.38 2.22 0.00	52.19 2.20 0.00	47.15 2.29 0.01	39.23 2.11 0.00	34.40 1.82 0.00	34.52 1.86 0.00	35.73 2.02 0.00	36.23 1.99 0.00	37.89 2.14 0.00	44.51 2.68 0.00	58.92 3.18 0.01	74.93 3.50 0.01	76.04 3.28 0.01	68.40 2.95 0.01	60.41 2.66 0.01	55.26 2.78 0.01	49.73 2.68 0.00	45.95 2.56 0.00
RAVENSWOOD___3 23535	51.17 2.57 0.00	53.40 1.95 0.00	52.34 2.26 0.00	43.62 2.00 0.00	41.40 1.86 0.00	39.96 1.79 0.00	43.11 1.97 0.00	50.52 2.36 0.00	52.44 2.45 0.00	47.38 2.51 0.00	39.34 2.23 0.00	34.50 1.92 0.00	34.62 1.96 0.00	35.83 2.12 0.00	36.33 2.09 0.00	38.00 2.25 0.00	44.68 2.85 0.00	59.21 3.46 0.00	75.29 3.86 0.00	76.41 3.64 0.00	68.73 3.27 0.00	60.76 3.00 0.00	55.53 3.04 0.00	49.77 2.73 0.00	45.99 2.60 0.00
RAVENSWOOD___4 23820	51.22 2.62 0.00	53.35 1.90 0.00	52.29 2.20 0.00	43.66 2.04 0.00	41.44 1.90 0.00	40.00 1.83 0.00	42.99 1.85 0.00	50.33 2.17 0.00	52.19 2.20 0.00	47.15 2.29 0.01	39.23 2.11 0.00	34.37 1.79 0.00	34.52 1.86 0.00	35.73 2.02 0.00	36.23 1.99 0.00	37.89 2.14 0.00	44.51 2.68 0.00	58.92 3.18 0.01	74.93 3.50 0.01	76.04 3.28 0.01	68.33 2.88 0.01	60.41 2.66 0.01	55.26 2.78 0.01	49.68 2.63 0.00	45.95 2.56 0.00
RCPL_TRUST___DRP 24196	51.22 2.62 0.00	53.50 2.06 0.00	52.39 2.30 0.00	43.66 2.04 0.00	41.44 1.90 0.00	40.00 1.83 0.00	43.15 2.02 0.00	50.62 2.46 0.00	52.54 2.55 0.00	47.47 2.60 0.00	39.23 2.12 0.00	34.56 1.99 0.00	34.69 2.02 0.00	35.90 2.19 0.00	36.37 2.12 0.00	38.03 2.29 0.00	44.72 2.89 0.00	59.26 3.51 0.00	75.44 4.00 0.00	76.63 3.86 0.00	68.86 3.40 0.00	60.76 3.00 0.00	55.58 3.10 0.00	49.92 2.87 0.00	45.95 2.56 0.00
RED___ROCHESTER 323720	47.68 -0.92 0.00	51.34 -0.10 0.00	49.49 -0.60 0.00	41.21 -0.42 0.00	39.07 -0.47 0.00	38.13 -0.04 0.00	40.56 -0.58 0.00	47.30 -0.87 0.00	48.39 -1.60 0.00	43.30 -1.57 0.00	36.22 -0.89 0.00	32.12 -0.46 0.00	32.20 -0.46 0.00	33.17 -0.54 0.00	33.56 -0.68 0.00	34.75 -1.00 0.00	40.16 -1.67 0.00	53.91 -1.84 0.00	69.94 -1.50 0.00	71.39 -1.38 0.00	63.70 -1.76 0.00	55.80 -1.96 0.00	50.13 -2.36 0.00	45.73 -1.32 0.00	42.56 -0.83 0.00
REGAN___SOLAR 323812	50.88 2.28 0.00	53.86 2.42 0.00	52.49 2.40 0.00	43.58 1.96 0.00	41.37 1.82 0.00	39.85 1.68 0.00	43.11 1.97 0.00	50.47 2.31 0.00	51.89 1.90 0.00	45.58 0.72 0.00	37.15 0.04 0.00	32.28 -0.29 0.00	32.30 -0.36 0.00	33.40 -0.30 0.00	34.14 -0.10 0.00	35.96 0.22 0.00	42.92 1.09 0.00	58.48 2.73 0.00	75.58 4.14 0.00	77.21 4.44 0.00	69.52 4.06 0.00	61.23 3.47 0.00	55.48 2.99 0.00	49.44 2.40 0.00	45.47 2.08 0.00
RENSSELAER___COGEN 23796	49.43 0.83 0.00	52.11 0.67 0.00	50.89 0.80 0.00	42.16 0.54 0.00	40.02 0.48 0.00	38.51 0.34 0.00	41.63 0.50 0.00	48.79 0.62 0.00	50.89 0.90 0.00	45.68 0.81 0.00	37.71 0.59 0.00	32.97 0.39 0.00	33.02 0.36 0.00	34.11 0.41 0.00	34.83 0.58 0.00	36.46 0.71 0.00	42.75 0.92 0.00	56.92 1.17 0.00	72.87 1.43 0.00	74.22 1.45 0.00	66.90 1.44 0.00	59.03 1.27 0.00	53.80 1.31 0.00	47.89 0.85 0.00	44.17 0.78 0.00
REPUBLIC_115KV_BARTNBRK 55605	51.90 3.30 0.00	54.99 3.55 0.00	53.59 3.51 0.00	44.45 2.83 0.00	42.23 2.69 0.00	40.57 2.40 0.00	44.06 2.92 0.00	51.24 3.08 0.00	53.09 3.10 0.00	47.07 2.20 0.00	38.52 1.41 0.00	33.52 0.94 0.00	33.44 0.78 0.00	34.58 0.88 0.00	35.41 1.16 0.00	37.10 1.36 0.00	43.88 2.05 0.00	59.54 3.79 0.00	77.30 5.86 0.00	79.03 6.26 0.00	71.29 5.83 0.00	62.61 4.85 0.00	56.63 4.15 0.00	50.39 3.34 0.00	46.29 2.91 0.00
REVERE_CPPR_DRP 24186	49.81 1.21 0.00	52.83 1.39 0.00	51.39 1.30 0.00	42.75 1.12 0.00	40.57 1.03 0.00	39.27 1.11 0.00	42.33 1.19 0.00	49.61 1.44 0.00	51.29 1.30 0.00	45.86 0.99 0.00	37.82 0.71 0.00	33.10 0.52 0.00	33.22 0.56 0.00	34.28 0.57 0.00	34.76 0.51 0.00	36.25 0.50 0.00	42.58 0.75 0.00	57.09 1.34 0.00	73.51 2.07 0.00	75.10 2.33 0.00	67.56 2.09 0.00	59.44 1.68 0.00	53.96 1.47 0.00	48.32 1.27 0.00	44.52 1.13 0.00
REYNLDPA_13_KV_LD 356490	49.57 0.97 0.00	52.57 1.13 0.00	51.14 1.05 0.00	42.58 0.96 0.00	40.46 0.91 0.00	39.05 0.88 0.00	42.04 0.90 0.00	49.22 1.06 0.00	51.04 1.05 0.00	45.72 0.85 0.00	37.74 0.63 0.00	33.16 0.59 0.00	33.28 0.62 0.00	34.35 0.64 0.00	34.83 0.58 0.00	36.35 0.61 0.00	42.58 0.75 0.00	56.59 0.84 0.00	72.44 1.00 0.00	73.79 1.02 0.00	66.50 1.04 0.00	58.80 1.04 0.00	53.43 0.95 0.00	47.99 0.94 0.00	44.04 0.65 0.00
REYNOLDS_115KV_TB3 80639	49.47 0.87 0.00	52.16 0.72 0.00	50.94 0.85 0.00	42.16 0.54 0.00	40.02 0.47 0.00	38.47 0.31 0.00	41.63 0.49 0.00	48.74 0.58 0.00	51.04 1.05 0.00	45.77 0.90 0.00	37.60 0.48 0.00	33.00 0.42 0.00	33.05 0.39 0.00	34.11 0.40 0.00	34.83 0.58 0.00	36.53 0.79 0.00	42.79 0.96 0.00	56.92 1.17 0.00	72.94 1.50 0.00	74.30 1.53 0.00	66.97 1.51 0.00	59.09 1.33 0.00	53.80 1.31 0.00	47.99 0.94 0.00	44.21 0.82 0.00
RIVERBAY____ 323610	51.95 3.35 0.00	54.12 2.67 0.00	53.04 2.96 0.00	44.29 2.66 0.00	42.04 2.49 0.00	40.57 2.40 0.00	43.48 2.34 0.00	50.76 2.60 0.00	52.49 2.50 0.00	47.37 2.51 0.01	39.23 2.12 0.00	34.53 1.95 0.00	34.65 1.99 0.00	35.86 2.16 0.00	36.37 2.12 0.00	38.03 2.29 0.00	44.68 2.84 0.00	59.14 3.40 0.01	75.43 4.00 0.01	76.62 3.86 0.01	68.86 3.40 0.01	60.64 2.89 0.01	55.52 3.04 0.01	50.20 3.15 0.00	46.38 2.99 0.00
RIVERSDE_115KV_TB3 55908	49.43 0.83 0.00	52.16 0.72 0.00	50.89 0.80 0.00	42.16 0.54 0.00	40.06 0.51 0.00	38.51 0.34 0.00	41.67 0.53 0.00	48.74 0.58 0.00	50.94 0.95 0.00	45.68 0.81 0.00	37.60 0.48 0.00	33.00 0.42 0.00	33.05 0.39 0.00	34.15 0.44 0.00	34.83 0.58 0.00	36.50 0.75 0.00	42.79 0.96 0.00	56.92 1.17 0.00	72.94 1.50 0.00	74.30 1.53 0.00	66.90 1.44 0.00	59.03 1.27 0.00	53.75 1.26 0.00	47.99 0.94 0.00	44.21 0.82 0.00
ROARING___BROOK_WT_PWR 323790	48.70 0.10 0.00	51.54 0.10 0.00	50.24 0.15 0.00	41.71 0.08 0.00	39.62 0.08 0.00	38.24 0.08 0.00	41.22 0.08 0.00	48.31 0.14 0.00	50.14 0.15 0.00	45.00 0.14 0.00	37.15 0.04 0.00	32.58 0.00 0.00	32.59 -0.07 0.00	33.57 -0.13 0.00	34.07 -0.17 0.00	35.60 -0.14 0.00	41.75 -0.08 0.00	55.64 -0.11 0.00	71.23 -0.21 0.00	72.48 -0.29 0.00	65.07 -0.39 0.00	57.24 -0.52 0.00	51.80 -0.68 0.00	46.20 -0.85 0.00	42.43 -0.95 0.00

ROCHESRG_115KV_T4 355643	47.24 -1.36 0.00	50.87 -0.57 0.00	49.09 -1.00 0.00	40.87 -0.75 0.00	38.79 -0.75 0.00	37.82 -0.34 0.00	40.23 -0.91 0.00	47.15 -1.01 0.00	48.04 -1.95 0.00	42.98 -1.88 0.00	36.41 -0.71 0.00	31.86 -0.72 0.00	31.94 -0.72 0.00	32.90 -0.81 0.00	33.42 -0.82 0.00	34.50 -1.25 0.00	39.78 -2.05 0.00	53.52 -2.23 0.00	69.15 -2.29 0.00	70.51 -2.26 0.00	62.97 -2.49 0.00	55.28 -2.48 0.00	49.92 -2.57 0.00	45.30 -1.74 0.00	42.22 -1.17 0.00
ROCHESTER_9_IC 23652	47.48 -1.12 0.00	51.13 -0.31 0.00	49.29 -0.80 0.00	41.04 -0.58 0.00	38.95 -0.59 0.00	37.98 -0.19 0.00	40.44 -0.70 0.00	47.34 -0.82 0.00	48.24 -1.75 0.00	43.16 -1.71 0.00	36.59 -0.52 0.00	31.99 -0.59 0.00	32.07 -0.59 0.00	33.03 -0.67 0.00	33.56 -0.68 0.00	34.64 -1.11 0.00	39.99 -1.84 0.00	53.85 -1.90 0.00	69.58 -1.86 0.00	70.95 -1.82 0.00	63.37 -2.09 0.00	55.57 -2.19 0.00	50.23 -2.26 0.00	45.54 -1.51 0.00	42.43 -0.95 0.00
ROCKVIEW_13_KV_LD 356306	51.18 2.58 0.00	53.50 2.06 0.00	52.39 2.30 0.00	43.62 2.00 0.00	41.40 1.86 0.00	39.92 1.76 0.00	43.11 1.97 0.00	50.52 2.36 0.00	52.49 2.50 0.00	47.38 2.51 0.00	39.12 2.00 0.00	34.47 1.89 0.00	34.59 1.93 0.00	35.80 2.09 0.00	36.30 2.05 0.00	37.96 2.22 0.00	44.68 2.84 0.00	59.20 3.46 0.00	75.51 4.07 0.00	76.70 3.93 0.00	69.00 3.53 0.00	60.82 3.06 0.00	55.58 3.10 0.00	49.87 2.82 0.00	45.90 2.52 0.00
ROME____115KV_TB2 80656	49.81 1.21 0.00	52.83 1.39 0.00	51.39 1.30 0.00	42.75 1.12 0.00	40.57 1.03 0.00	39.27 1.11 0.00	42.33 1.19 0.00	49.61 1.44 0.00	51.29 1.30 0.00	45.86 0.99 0.00	37.82 0.71 0.00	33.10 0.52 0.00	33.22 0.56 0.00	34.28 0.57 0.00	34.76 0.51 0.00	36.25 0.50 0.00	42.58 0.75 0.00	57.09 1.34 0.00	73.51 2.07 0.00	75.10 2.33 0.00	67.56 2.09 0.00	59.44 1.68 0.00	53.96 1.47 0.00	48.32 1.27 0.00	44.52 1.13 0.00
ROSETON___1 23587	50.74 2.14 0.00	53.09 1.65 0.00	51.94 1.85 0.00	43.24 1.62 0.00	41.05 1.50 0.00	39.58 1.41 0.00	42.74 1.60 0.00	50.09 1.93 0.00	52.04 2.05 0.00	46.93 2.07 0.00	38.86 1.74 0.00	34.08 1.50 0.00	34.20 1.54 0.00	35.39 1.68 0.00	35.89 1.64 0.00	37.53 1.79 0.00	44.13 2.30 0.00	58.53 2.79 0.00	74.58 3.14 0.00	75.75 2.98 0.00	68.15 2.68 0.00	60.19 2.43 0.00	55.01 2.52 0.00	49.26 2.21 0.00	45.56 2.17 0.00
ROSETON___2 23588	50.74 2.14 0.00	53.09 1.65 0.00	51.94 1.85 0.00	43.24 1.62 0.00	41.05 1.50 0.00	39.58 1.41 0.00	42.74 1.60 0.00	50.09 1.93 0.00	52.04 2.05 0.00	46.93 2.07 0.00	38.86 1.74 0.00	34.08 1.50 0.00	34.20 1.54 0.00	35.39 1.68 0.00	35.89 1.64 0.00	37.53 1.79 0.00	44.13 2.30 0.00	58.53 2.79 0.00	74.58 3.14 0.00	75.75 2.98 0.00	68.15 2.68 0.00	60.19 2.43 0.00	55.01 2.52 0.00	49.26 2.21 0.00	45.56 2.17 0.00
ROTTDAM_115KV_TB3 80664	49.62 1.02 0.00	52.37 0.93 0.00	51.09 1.00 0.00	42.37 0.75 0.00	40.26 0.71 0.00	38.74 0.57 0.00	41.88 0.74 0.00	48.98 0.82 0.00	50.99 1.00 0.00	45.63 0.76 0.00	37.60 0.48 0.00	32.94 0.36 0.00	32.99 0.33 0.00	34.08 0.37 0.00	34.72 0.48 0.00	36.35 0.61 0.00	42.71 0.88 0.00	57.03 1.28 0.00	73.15 1.71 0.00	74.52 1.75 0.00	67.10 1.64 0.00	59.20 1.44 0.00	53.85 1.36 0.00	48.13 1.08 0.00	44.34 0.95 0.00
RUSSELL___1 23602	47.68 -0.92 0.00	51.34 -0.10 0.00	49.49 -0.60 0.00	41.21 -0.42 0.00	39.07 -0.47 0.00	38.13 -0.04 0.00	40.56 -0.58 0.00	47.53 -0.63 0.00	48.39 -1.60 0.00	43.30 -1.57 0.00	36.71 -0.41 0.00	32.12 -0.46 0.00	32.20 -0.46 0.00	33.17 -0.54 0.00	33.70 -0.55 0.00	34.75 -1.00 0.00	40.16 -1.67 0.00	54.08 -1.67 0.00	69.94 -1.50 0.00	71.31 -1.46 0.00	63.69 -1.77 0.00	55.91 -1.85 0.00	50.49 -1.99 0.00	45.78 -1.27 0.00	42.61 -0.78 0.00
RUSSELL___2 23532	47.68 -0.92 0.00	51.34 -0.10 0.00	49.49 -0.60 0.00	41.21 -0.42 0.00	39.07 -0.47 0.00	38.13 -0.04 0.00	40.56 -0.58 0.00	47.53 -0.63 0.00	48.39 -1.60 0.00	43.30 -1.57 0.00	36.71 -0.41 0.00	32.12 -0.46 0.00	32.20 -0.46 0.00	33.17 -0.54 0.00	33.70 -0.55 0.00	34.75 -1.00 0.00	40.16 -1.67 0.00	54.08 -1.67 0.00	69.94 -1.50 0.00	71.31 -1.46 0.00	63.69 -1.77 0.00	55.91 -1.85 0.00	50.49 -1.99 0.00	45.78 -1.27 0.00	42.61 -0.78 0.00
RUSSELL___3 23549	47.68 -0.92 0.00	51.34 -0.10 0.00	49.49 -0.60 0.00	41.21 -0.42 0.00	39.07 -0.47 0.00	38.13 -0.04 0.00	40.56 -0.58 0.00	47.53 -0.63 0.00	48.39 -1.60 0.00	43.30 -1.57 0.00	36.71 -0.41 0.00	32.12 -0.46 0.00	32.20 -0.46 0.00	33.17 -0.54 0.00	33.70 -0.55 0.00	34.75 -1.00 0.00	40.16 -1.67 0.00	54.08 -1.67 0.00	69.94 -1.50 0.00	71.31 -1.46 0.00	63.69 -1.77 0.00	55.91 -1.85 0.00	50.49 -1.99 0.00	45.78 -1.27 0.00	42.61 -0.78 0.00
RUSSELL___4 23556	47.68 -0.92 0.00	51.34 -0.10 0.00	49.49 -0.60 0.00	41.21 -0.42 0.00	39.07 -0.47 0.00	38.13 -0.04 0.00	40.56 -0.58 0.00	47.53 -0.63 0.00	48.39 -1.60 0.00	43.30 -1.57 0.00	36.71 -0.41 0.00	32.12 -0.46 0.00	32.20 -0.46 0.00	33.17 -0.54 0.00	33.70 -0.55 0.00	34.75 -1.00 0.00	40.16 -1.67 0.00	54.08 -1.67 0.00	69.94 -1.50 0.00	71.31 -1.46 0.00	63.69 -1.77 0.00	55.91 -1.85 0.00	50.49 -1.99 0.00	45.78 -1.27 0.00	42.61 -0.78 0.00
RUSSELL___STATION 23914	47.68 -0.92 0.00	51.34 -0.10 0.00	49.49 -0.60 0.00	41.21 -0.42 0.00	39.07 -0.47 0.00	38.13 -0.04 0.00	40.56 -0.58 0.00	47.53 -0.63 0.00	48.39 -1.60 0.00	43.30 -1.57 0.00	36.71 -0.41 0.00	32.12 -0.46 0.00	32.20 -0.46 0.00	33.17 -0.54 0.00	33.70 -0.55 0.00	34.75 -1.00 0.00	40.16 -1.67 0.00	54.08 -1.67 0.00	69.94 -1.50 0.00	71.31 -1.46 0.00	63.69 -1.77 0.00	55.91 -1.85 0.00	50.49 -1.99 0.00	45.78 -1.27 0.00	42.61 -0.78 0.00
S SALMON___HYD 24043	47.87 -0.73 0.00	50.77 -0.67 0.00	49.28 -0.80 0.00	41.08 -0.54 0.00	38.99 -0.55 0.00	37.75 -0.42 0.00	40.60 -0.54 0.00	47.44 -0.72 0.00	49.14 -0.85 0.00	44.01 -0.85 0.00	36.41 -0.71 0.00	31.99 -0.59 0.00	32.07 -0.59 0.00	33.03 -0.67 0.00	33.52 -0.72 0.00	34.93 -0.82 0.00	40.87 -0.96 0.00	54.80 -0.95 0.00	70.51 -0.93 0.00	71.90 -0.87 0.00	64.68 -0.78 0.00	56.95 -0.81 0.00	51.80 -0.68 0.00	46.43 -0.61 0.00	42.82 -0.57 0.00
S.PERRY___115KV_TB1 80734	49.04 0.44 0.00	52.93 1.49 0.00	50.99 0.90 0.00	42.54 0.92 0.00	40.34 0.79 0.00	39.39 1.22 0.00	41.80 0.66 0.00	49.08 0.92 0.00	49.84 -0.15 0.00	44.33 -0.54 0.00	37.37 0.26 0.00	32.51 -0.07 0.00	32.50 -0.16 0.00	33.44 -0.27 0.00	34.04 -0.21 0.00	35.07 -0.68 0.00	40.49 -1.34 0.00	54.97 -0.78 0.00	71.87 0.43 0.00	73.72 0.95 0.00	65.66 0.20 0.00	57.47 -0.29 0.00	51.65 -0.84 0.00	46.90 -0.14 0.00	42.26 -1.13 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	46.51 -2.09 0.00	50.62 -0.82 0.00	48.53 -1.55 0.00	40.66 -0.96 0.00	38.56 -0.99 0.00	37.82 -0.34 0.00	39.90 -1.23 0.00	46.76 -1.40 0.00	47.09 -2.90 0.00	41.91 -2.96 0.00	36.19 -0.93 0.00	31.67 -0.91 0.00	31.68 -0.98 0.00	32.60 -1.11 0.00	33.18 -1.06 0.00	33.96 -1.79 0.00	38.61 -3.22 0.00	52.12 -3.62 0.00	67.51 -3.93 0.00	68.91 -3.86 0.00	61.07 -4.39 0.00	53.31 -4.45 0.00	48.03 -4.46 0.00	44.22 -2.82 0.00	41.52 -1.87 0.00

SAWYER___23_KV_LOAD 55526	46.51 -2.09 0.00	50.62 -0.82 0.00	48.53 -1.55 0.00	40.66 -0.96 0.00	38.56 -0.99 0.00	37.82 -0.34 0.00	39.90 -1.23 0.00	46.76 -1.40 0.00	47.09 -2.90 0.00	41.91 -2.96 0.00	36.19 -0.93 0.00	31.67 -0.91 0.00	31.68 -0.98 0.00	32.60 -1.11 0.00	33.18 -1.06 0.00	33.96 -1.79 0.00	38.61 -3.22 0.00	52.12 -3.62 0.00	67.51 -3.93 0.00	68.91 -3.86 0.00	61.07 -4.39 0.00	53.31 -4.45 0.00	48.03 -4.46 0.00	44.22 -2.82 0.00	41.52 -1.87 0.00
SELKIRK___I 23801	49.76 1.16 0.00	52.52 1.08 0.00	51.24 1.15 0.00	42.50 0.88 0.00	40.38 0.83 0.00	38.89 0.72 0.00	42.00 0.87 0.00	49.17 1.01 0.00	51.14 1.15 0.00	45.77 0.90 0.00	37.74 0.63 0.00	33.03 0.46 0.00	33.08 0.42 0.00	34.18 0.47 0.00	34.83 0.58 0.00	36.50 0.75 0.00	42.88 1.05 0.00	57.20 1.45 0.00	73.29 1.85 0.00	74.66 1.89 0.00	67.23 1.77 0.00	59.32 1.56 0.00	54.01 1.52 0.00	48.22 1.18 0.00	44.47 1.09 0.00
SELKIRK___II 23799	49.43 0.83 0.00	52.16 0.72 0.00	50.89 0.80 0.00	42.20 0.58 0.00	40.06 0.51 0.00	38.59 0.42 0.00	41.67 0.53 0.00	48.83 0.67 0.00	50.89 0.90 0.00	45.68 0.81 0.00	37.71 0.59 0.00	33.00 0.42 0.00	33.08 0.42 0.00	34.14 0.44 0.00	34.83 0.58 0.00	36.46 0.71 0.00	42.75 0.92 0.00	56.92 1.17 0.00	72.79 1.35 0.00	74.15 1.38 0.00	66.77 1.31 0.00	58.98 1.21 0.00	53.70 1.21 0.00	47.89 0.85 0.00	44.21 0.82 0.00
SENECA OSWGO___HYD 24041	47.19 -1.41 0.00	50.05 -1.39 0.00	48.63 -1.45 0.00	40.46 -1.17 0.00	38.44 -1.11 0.00	37.18 -0.99 0.00	39.99 -1.15 0.00	46.76 -1.40 0.00	48.49 -1.50 0.00	43.57 -1.30 0.00	36.11 -1.00 0.00	31.76 -0.81 0.00	31.84 -0.82 0.00	32.83 -0.88 0.00	33.32 -0.92 0.00	34.71 -1.04 0.00	40.49 -1.34 0.00	54.13 -1.62 0.00	69.58 -1.86 0.00	70.88 -1.89 0.00	63.70 -1.76 0.00	56.14 -1.62 0.00	50.91 -1.57 0.00	45.73 -1.32 0.00	42.22 -1.17 0.00
SENECA___115KV_TB3 355854	46.90 -1.70 0.00	50.98 -0.46 0.00	48.88 -1.20 0.00	40.95 -0.67 0.00	38.83 -0.71 0.00	38.09 -0.08 0.00	40.19 -0.94 0.00	46.76 -1.40 0.00	47.54 -2.45 0.00	42.27 -2.60 0.00	35.67 -1.45 0.00	31.89 -0.69 0.00	31.88 -0.78 0.00	32.83 -0.88 0.00	33.22 -1.03 0.00	34.21 -1.54 0.00	38.94 -2.89 0.00	52.35 -3.40 0.00	68.30 -3.14 0.00	69.78 -2.99 0.00	61.73 -3.73 0.00	53.72 -4.04 0.00	47.87 -4.62 0.00	44.50 -2.54 0.00	41.78 -1.60 0.00
SENECA___ENERGY 23797	47.97 -0.63 0.00	51.13 -0.31 0.00	49.59 -0.50 0.00	41.33 -0.29 0.00	39.27 -0.27 0.00	38.09 -0.08 0.00	40.81 -0.33 0.00	47.68 -0.48 0.00	49.19 -0.80 0.00	44.15 -0.72 0.00	36.63 -0.48 0.00	32.25 -0.33 0.00	32.30 -0.36 0.00	33.30 -0.40 0.00	33.76 -0.48 0.00	35.10 -0.64 0.00	40.87 -0.96 0.00	54.75 -1.00 0.00	70.87 -0.57 0.00	72.34 -0.43 0.00	64.74 -0.72 0.00	56.90 -0.86 0.00	51.28 -1.21 0.00	46.39 -0.66 0.00	42.95 -0.43 0.00
SHOEMAKER___GT 23640	50.69 2.09 0.00	53.19 1.75 0.00	51.99 1.90 0.00	43.29 1.67 0.00	41.09 1.54 0.00	39.62 1.45 0.00	42.79 1.65 0.00	50.14 1.98 0.00	51.99 2.00 0.00	46.84 1.97 0.00	38.75 1.63 0.00	33.98 1.40 0.00	34.06 1.40 0.00	35.26 1.55 0.00	35.79 1.54 0.00	37.43 1.68 0.00	44.05 2.22 0.00	58.53 2.79 0.00	74.80 3.36 0.00	75.97 3.20 0.00	68.34 2.88 0.00	60.30 2.54 0.00	55.06 2.57 0.00	49.26 2.21 0.00	45.51 2.13 0.00
SHOEMAKR_138KV_BK 111 55601	50.69 2.09 0.00	53.14 1.70 0.00	51.99 1.90 0.00	43.29 1.66 0.00	41.05 1.50 0.00	39.62 1.45 0.00	42.74 1.60 0.00	50.09 1.93 0.00	51.99 2.00 0.00	46.84 1.97 0.00	38.64 1.52 0.00	33.98 1.40 0.00	34.10 1.44 0.00	35.29 1.58 0.00	35.79 1.54 0.00	37.43 1.68 0.00	44.05 2.22 0.00	58.48 2.73 0.00	74.73 3.29 0.00	76.04 3.27 0.00	68.34 2.88 0.00	60.24 2.48 0.00	55.01 2.52 0.00	49.30 2.26 0.00	45.43 2.04 0.00
SHOREHAM_IC_1 23715	46.78 0.15 1.97	46.68 -1.08 3.68	46.76 -0.70 2.62	42.41 0.79 0.00	40.17 0.63 0.00	38.85 0.69 0.00	42.12 0.99 0.00	46.92 -0.05 1.19	47.50 -0.35 2.14	45.99 1.12 0.00	37.56 0.45 0.00	33.45 0.88 0.00	33.60 0.95 0.00	34.91 1.21 0.00	35.95 1.71 0.00	37.85 2.11 0.00	44.73 2.76 -0.14	52.02 0.61 4.35	73.29 1.85 0.00	74.88 2.11 0.00	67.29 1.83 0.00	58.68 0.98 0.06	53.05 1.26 0.69	48.67 1.83 0.20	45.64 2.38 0.13
SHOREHAM_IC_2 23716	46.78 0.15 1.97	46.68 -1.08 3.68	46.76 -0.70 2.62	42.41 0.79 0.00	40.17 0.63 0.00	38.85 0.69 0.00	42.12 0.99 0.00	46.73 -0.24 1.19	47.49 -0.35 2.14	46.03 1.17 0.00	37.37 0.26 0.00	33.45 0.88 0.00	33.60 0.95 0.00	34.92 1.21 0.00	35.61 1.37 0.00	37.85 2.11 0.00	44.73 2.76 -0.14	51.96 0.56 4.35	73.86 2.43 0.00	75.39 2.62 0.00	67.62 2.16 0.00	58.79 1.10 0.06	53.58 1.78 0.69	48.91 2.07 0.20	45.68 2.43 0.13
SISSONVILLE____ 23735	50.20 1.60 0.00	53.24 1.80 0.00	51.74 1.65 0.00	43.12 1.50 0.00	40.97 1.42 0.00	39.54 1.37 0.00	42.62 1.48 0.00	49.94 1.78 0.00	51.69 1.70 0.00	46.21 1.35 0.00	38.00 0.89 0.00	33.36 0.78 0.00	33.51 0.85 0.00	34.58 0.88 0.00	35.03 0.79 0.00	36.53 0.79 0.00	42.88 1.05 0.00	57.09 1.34 0.00	73.23 1.79 0.00	74.73 1.96 0.00	67.42 1.96 0.00	59.67 1.91 0.00	54.11 1.63 0.00	48.55 1.51 0.00	44.56 1.17 0.00
SITHE_IND_GS1 24169	46.80 -1.80 0.00	49.59 -1.85 0.00	48.23 -1.85 0.00	40.13 -1.50 0.00	38.12 -1.42 0.00	36.87 -1.30 0.00	39.66 -1.48 0.00	46.38 -1.78 0.00	48.09 -1.90 0.00	43.16 -1.70 0.00	35.81 -1.30 0.00	31.53 -1.04 0.00	31.61 -1.05 0.00	32.60 -1.11 0.00	33.08 -1.16 0.00	34.46 -1.29 0.00	40.20 -1.63 0.00	53.63 -2.12 0.00	68.80 -2.64 0.00	70.15 -2.62 0.00	63.04 -2.42 0.00	55.57 -2.19 0.00	50.44 -2.05 0.00	45.31 -1.74 0.00	41.87 -1.52 0.00
SITHE_IND_GS2 24170	46.80 -1.80 0.00	49.59 -1.85 0.00	48.23 -1.85 0.00	40.13 -1.50 0.00	38.12 -1.42 0.00	36.87 -1.30 0.00	39.66 -1.48 0.00	46.38 -1.78 0.00	48.09 -1.90 0.00	43.16 -1.70 0.00	35.81 -1.30 0.00	31.53 -1.04 0.00	31.61 -1.05 0.00	32.60 -1.11 0.00	33.08 -1.16 0.00	34.46 -1.29 0.00	40.20 -1.63 0.00	53.63 -2.12 0.00	68.80 -2.64 0.00	70.15 -2.62 0.00	63.04 -2.42 0.00	55.57 -2.19 0.00	50.44 -2.05 0.00	45.31 -1.74 0.00	41.87 -1.52 0.00
SITHE_IND_GS3 24171	46.80 -1.80 0.00	49.59 -1.85 0.00	48.23 -1.85 0.00	40.13 -1.50 0.00	38.12 -1.42 0.00	36.87 -1.30 0.00	39.66 -1.48 0.00	46.38 -1.78 0.00	48.09 -1.90 0.00	43.16 -1.70 0.00	35.81 -1.30 0.00	31.53 -1.04 0.00	31.61 -1.05 0.00	32.60 -1.11 0.00	33.08 -1.16 0.00	34.46 -1.29 0.00	40.20 -1.63 0.00	53.63 -2.12 0.00	68.80 -2.64 0.00	70.15 -2.62 0.00	63.04 -2.42 0.00	55.57 -2.19 0.00	50.44 -2.05 0.00	45.31 -1.74 0.00	41.87 -1.52 0.00
SITHE_IND_GS4 24172	46.80 -1.80 0.00	49.59 -1.85 0.00	48.23 -1.85 0.00	40.13 -1.50 0.00	38.12 -1.42 0.00	36.87 -1.30 0.00	39.66 -1.48 0.00	46.38 -1.78 0.00	48.09 -1.90 0.00	43.16 -1.70 0.00	35.81 -1.30 0.00	31.53 -1.04 0.00	31.61 -1.05 0.00	32.60 -1.11 0.00	33.08 -1.16 0.00	34.46 -1.29 0.00	40.20 -1.63 0.00	53.63 -2.12 0.00	68.80 -2.64 0.00	70.15 -2.62 0.00	63.04 -2.42 0.00	55.57 -2.19 0.00	50.44 -2.05 0.00	45.31 -1.74 0.00	41.87 -1.52 0.00

SITHE____BATAVIA 24024	47.58 -1.02 0.00	51.60 0.15 0.00	49.54 -0.55 0.00	41.50 -0.12 0.00	39.31 -0.24 0.00	38.51 0.34 0.00	40.73 -0.41 0.00	47.34 -0.82 0.00	47.94 -2.05 0.00	42.67 -2.20 0.00	35.81 -1.30 0.00	31.89 -0.69 0.00	31.94 -0.72 0.00	32.87 -0.84 0.00	33.22 -1.03 0.00	34.28 -1.47 0.00	39.28 -2.55 0.00	52.96 -2.79 0.00	69.15 -2.29 0.00	70.73 -2.04 0.00	62.84 -2.62 0.00	54.82 -2.94 0.00	48.92 -3.57 0.00	45.26 -1.79 0.00	42.61 -0.78 0.00
SITHE____INDEPEND 23800	46.80 -1.80 0.00	49.59 -1.85 0.00	48.23 -1.85 0.00	40.12 -1.50 0.00	38.12 -1.42 0.00	36.87 -1.30 0.00	39.66 -1.48 0.00	46.38 -1.78 0.00	48.09 -1.90 0.00	43.16 -1.71 0.00	35.89 -1.22 0.00	31.54 -1.04 0.00	31.61 -1.05 0.00	32.60 -1.11 0.00	33.08 -1.16 0.00	34.46 -1.29 0.00	40.20 -1.63 0.00	53.63 -2.12 0.00	68.80 -2.64 0.00	70.08 -2.69 0.00	63.04 -2.42 0.00	55.62 -2.14 0.00	50.49 -1.99 0.00	45.35 -1.69 0.00	41.87 -1.52 0.00
SITHE____MASSENA 23902	49.86 1.26 0.00	52.88 1.44 0.00	51.44 1.35 0.00	42.79 1.16 0.00	40.69 1.15 0.00	39.28 1.11 0.00	42.29 1.15 0.00	49.51 1.35 0.00	51.29 1.30 0.00	45.94 1.08 0.00	37.89 0.78 0.00	33.29 0.72 0.00	33.41 0.75 0.00	34.52 0.81 0.00	34.96 0.72 0.00	36.50 0.75 0.00	42.75 0.92 0.00	56.86 1.11 0.00	72.79 1.35 0.00	74.22 1.45 0.00	66.90 1.44 0.00	59.14 1.38 0.00	53.74 1.26 0.00	48.27 1.22 0.00	44.30 0.91 0.00
SITHE____OGDNSBRG 24021	50.74 2.14 0.00	53.86 2.42 0.00	52.34 2.25 0.00	43.62 2.00 0.00	41.40 1.86 0.00	40.00 1.83 0.00	43.11 1.97 0.00	50.52 2.36 0.00	52.24 2.25 0.00	46.53 1.66 0.00	38.12 1.00 0.00	33.42 0.85 0.00	33.61 0.95 0.00	34.69 0.98 0.00	35.13 0.89 0.00	36.68 0.93 0.00	43.09 1.25 0.00	57.53 1.78 0.00	73.94 2.50 0.00	75.68 2.91 0.00	68.28 2.81 0.00	60.36 2.60 0.00	54.74 2.26 0.00	49.07 2.02 0.00	45.04 1.65 0.00
SITHE____STERLING 23777	49.43 0.83 0.00	52.42 0.97 0.00	51.04 0.95 0.00	42.45 0.83 0.00	40.29 0.75 0.00	38.97 0.80 0.00	42.00 0.87 0.00	49.17 1.01 0.00	50.94 0.95 0.00	45.58 0.72 0.00	37.60 0.48 0.00	32.94 0.36 0.00	33.08 0.42 0.00	34.11 0.41 0.00	34.62 0.38 0.00	36.10 0.36 0.00	42.33 0.50 0.00	56.70 0.95 0.00	72.94 1.50 0.00	74.45 1.68 0.00	66.97 1.51 0.00	58.98 1.21 0.00	53.48 0.99 0.00	47.89 0.85 0.00	44.21 0.82 0.00
SLEIGHT__34_KV_TB1 80719	47.38 -1.22 0.00	50.72 -0.72 0.00	49.09 -1.00 0.00	40.87 -0.75 0.00	38.79 -0.75 0.00	37.71 -0.46 0.00	40.27 -0.86 0.00	47.20 -0.96 0.00	48.39 -1.60 0.00	43.39 -1.48 0.00	36.45 -0.67 0.00	31.89 -0.68 0.00	31.97 -0.69 0.00	32.93 -0.78 0.00	33.42 -0.82 0.00	34.64 -1.11 0.00	40.20 -1.63 0.00	54.02 -1.73 0.00	69.80 -1.64 0.00	71.17 -1.60 0.00	63.63 -1.83 0.00	55.97 -1.79 0.00	50.60 -1.89 0.00	45.68 -1.36 0.00	42.39 -1.00 0.00
SMITHTWN_69_KV_BK 1 55830	47.78 1.12 1.94	47.74 -0.05 3.65	47.80 0.30 2.59	43.24 1.62 0.00	40.96 1.42 0.00	39.61 1.45 0.00	42.94 1.81 0.00	47.66 0.67 1.18	48.41 0.55 2.13	46.88 2.02 0.00	38.11 1.00 0.00	34.10 1.53 0.00	34.29 1.63 0.00	35.62 1.92 0.00	36.33 2.09 0.00	38.57 2.82 0.00	45.54 3.56 -0.15	53.01 1.56 4.30	75.01 3.57 0.00	76.55 3.78 0.00	68.66 3.21 0.00	59.66 1.96 0.06	54.38 2.57 0.68	49.67 2.82 0.20	46.47 3.21 0.13
SOUTH CAIRO____GT 23612	50.69 2.09 0.00	53.50 2.06 0.00	52.14 2.05 0.00	43.25 1.62 0.00	41.05 1.50 0.00	39.50 1.34 0.00	42.70 1.56 0.00	49.94 1.78 0.00	51.84 1.85 0.00	46.39 1.53 0.00	37.89 0.78 0.00	33.07 0.49 0.00	33.08 0.42 0.00	34.25 0.54 0.00	34.93 0.68 0.00	36.75 1.00 0.00	43.42 1.59 0.00	58.31 2.56 0.00	75.37 3.93 0.00	76.85 4.08 0.00	69.06 3.60 0.00	60.82 3.06 0.00	55.16 2.68 0.00	49.16 2.12 0.00	45.25 1.87 0.00
SOUTH HAMPTN____IC 23720	47.06 0.44 1.97	47.03 -0.72 3.69	47.16 -0.30 2.63	42.74 1.12 0.00	40.53 0.99 0.00	39.19 1.03 0.00	42.45 1.32 0.00	47.30 0.34 1.20	47.94 0.10 2.15	46.39 1.53 0.00	37.85 0.74 0.00	33.74 1.17 0.00	33.93 1.27 0.00	35.22 1.52 0.00	36.19 1.95 0.00	38.21 2.46 0.00	45.10 3.14 -0.13	52.56 1.17 4.36	74.15 2.71 0.00	75.75 2.98 0.00	68.08 2.62 0.00	59.31 1.62 0.06	53.63 1.84 0.69	49.19 2.35 0.21	46.11 2.86 0.14
SOUTHDOW_115KV_TB1 355954	48.07 -0.53 0.00	52.21 0.77 0.00	50.14 0.05 0.00	42.04 0.42 0.00	39.78 0.24 0.00	39.01 0.84 0.00	41.18 0.04 0.00	48.35 0.19 0.00	48.99 -1.00 0.00	43.57 -1.30 0.00	37.45 0.33 0.00	32.84 0.26 0.00	32.79 0.13 0.00	33.81 0.10 0.00	34.42 0.17 0.00	35.17 -0.57 0.00	40.03 -1.80 0.00	54.19 -1.56 0.00	70.51 -0.93 0.00	71.97 -0.80 0.00	63.56 -1.90 0.00	55.16 -2.60 0.00	49.34 -3.15 0.00	45.30 -1.74 0.00	42.17 -1.21 0.00
SOUTHOLD_69_KV_BK 2 55809	47.06 0.44 1.97	47.03 -0.72 3.69	47.31 -0.15 2.63	42.91 1.29 0.00	40.69 1.15 0.00	39.38 1.22 0.00	42.62 1.48 0.00	47.35 0.39 1.20	48.19 0.35 2.15	46.75 1.88 0.00	37.89 0.78 0.00	33.97 1.40 0.00	34.09 1.44 0.00	35.39 1.69 0.00	36.05 1.81 0.00	38.39 2.65 0.00	45.35 3.39 -0.13	52.95 1.56 4.36	75.44 4.00 0.00	77.13 4.37 0.00	69.19 3.73 0.00	60.07 2.37 0.06	54.73 2.94 0.69	49.94 3.11 0.21	46.59 3.34 0.14
SOUTHOLD____IC 23719	47.06 0.44 1.97	47.03 -0.72 3.69	47.31 -0.15 2.63	42.91 1.29 0.00	40.69 1.15 0.00	39.38 1.22 0.00	42.61 1.48 0.00	47.49 0.53 1.20	48.19 0.35 2.15	46.70 1.84 0.00	38.04 0.93 0.00	33.97 1.40 0.00	34.09 1.44 0.00	35.39 1.68 0.00	36.36 2.12 0.00	38.39 2.65 0.00	45.35 3.39 -0.13	53.01 1.62 4.36	74.86 3.43 0.00	76.62 3.85 0.00	68.86 3.40 0.00	59.95 2.25 0.06	54.21 2.42 0.69	49.71 2.87 0.21	46.55 3.30 0.14
SOUTH_FORK_WT_PWR 323839	46.63 0.00 1.97	46.67 -1.08 3.69	47.00 -0.45 2.63	42.66 1.04 0.00	40.45 0.91 0.00	39.19 1.03 0.00	42.37 1.23 0.00	47.20 0.24 1.20	47.89 0.05 2.15	46.53 1.66 0.00	37.89 0.78 0.00	33.84 1.27 0.00	33.96 1.31 0.00	35.22 1.52 0.00	36.19 1.95 0.00	38.24 2.50 0.00	45.14 3.18 -0.13	52.78 1.39 4.36	74.57 3.14 0.00	76.33 3.56 0.00	68.66 3.21 0.00	59.84 2.14 0.06	54.10 2.31 0.69	49.61 2.78 0.21	46.51 3.26 0.14
SPIERFLS_115KV_TB 1 80737	49.67 1.07 0.00	52.47 1.03 0.00	51.19 1.10 0.00	42.50 0.87 0.00	40.34 0.79 0.00	38.78 0.61 0.00	42.04 0.91 0.00	48.88 0.72 0.00	50.89 0.90 0.00	45.41 0.54 0.00	37.26 0.15 0.00	32.55 -0.03 0.00	32.56 -0.10 0.00	33.64 -0.07 0.00	34.38 0.14 0.00	36.03 0.29 0.00	42.50 0.67 0.00	57.09 1.34 0.00	73.51 2.07 0.00	75.03 2.26 0.00	67.56 2.09 0.00	59.61 1.85 0.00	54.11 1.63 0.00	48.22 1.18 0.00	44.43 1.04 0.00
ST LAWRENCE____ 23600	49.04 0.44 0.00	52.01 0.57 0.00	50.59 0.50 0.00	42.08 0.46 0.00	39.98 0.44 0.00	38.59 0.42 0.00	41.59 0.45 0.00	48.69 0.53 0.00	50.54 0.55 0.00	45.32 0.45 0.00	37.41 0.30 0.00	32.84 0.26 0.00	32.92 0.26 0.00	33.98 0.27 0.00	34.49 0.24 0.00	36.00 0.25 0.00	42.16 0.33 0.00	56.08 0.34 0.00	71.80 0.36 0.00	73.14 0.37 0.00	65.86 0.40 0.00	58.17 0.41 0.00	52.86 0.37 0.00	47.47 0.42 0.00	43.61 0.22 0.00

STATE_CA_115KV_115_LB 55624	49.72 1.12 0.00	52.42 0.98 0.00	51.19 1.10 0.00	42.37 0.75 0.00	40.26 0.71 0.00	38.74 0.57 0.00	41.88 0.74 0.00	48.98 0.82 0.00	51.14 1.15 0.00	45.86 0.99 0.00	37.74 0.63 0.00	33.13 0.55 0.00	33.18 0.52 0.00	34.28 0.57 0.00	34.96 0.72 0.00	36.64 0.89 0.00	42.96 1.13 0.00	57.25 1.51 0.00	73.37 1.93 0.00	74.73 1.96 0.00	67.29 1.83 0.00	59.38 1.62 0.00	54.06 1.57 0.00	48.22 1.18 0.00	44.43 1.04 0.00
STATE_ST_34_KV_LOAD 55959	48.26 -0.34 0.00	51.29 -0.15 0.00	49.84 -0.25 0.00	41.46 -0.17 0.00	39.39 -0.16 0.00	38.13 -0.04 0.00	40.93 -0.21 0.00	48.02 -0.14 0.00	49.64 -0.35 0.00	44.51 -0.36 0.00	36.97 -0.15 0.00	32.38 -0.20 0.00	32.46 -0.20 0.00	33.47 -0.24 0.00	34.00 -0.24 0.00	35.39 -0.36 0.00	41.29 -0.54 0.00	55.36 -0.39 0.00	71.51 0.07 0.00	72.92 0.15 0.00	65.39 -0.07 0.00	57.59 -0.17 0.00	52.12 -0.37 0.00	46.86 -0.19 0.00	43.26 -0.13 0.00
STATION_5_MISC_HYD 23604	47.48 -1.12 0.00	51.13 -0.31 0.00	49.28 -0.80 0.00	41.04 -0.58 0.00	38.95 -0.59 0.00	37.98 -0.19 0.00	40.44 -0.70 0.00	47.15 -1.01 0.00	48.24 -1.75 0.00	43.16 -1.70 0.00	36.08 -1.04 0.00	31.99 -0.59 0.00	32.07 -0.59 0.00	33.03 -0.67 0.00	33.42 -0.82 0.00	34.64 -1.11 0.00	39.99 -1.84 0.00	53.63 -2.12 0.00	69.58 -1.86 0.00	71.02 -1.75 0.00	63.36 -2.10 0.00	55.51 -2.25 0.00	49.86 -2.62 0.00	45.49 -1.55 0.00	42.39 -1.00 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	47.68 -0.92 0.00	51.08 -0.36 0.00	49.39 -0.70 0.00	41.12 -0.50 0.00	39.03 -0.51 0.00	37.98 -0.19 0.00	40.56 -0.58 0.00	47.49 -0.67 0.00	48.69 -1.30 0.00	43.61 -1.26 0.00	36.67 -0.45 0.00	32.09 -0.49 0.00	32.17 -0.49 0.00	33.10 -0.61 0.00	33.63 -0.62 0.00	34.82 -0.93 0.00	40.41 -1.42 0.00	54.30 -1.45 0.00	70.15 -1.29 0.00	71.61 -1.16 0.00	64.02 -1.44 0.00	56.20 -1.56 0.00	50.81 -1.68 0.00	45.92 -1.13 0.00	42.61 -0.78 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	47.19 -1.41 0.00	50.77 -0.67 0.00	48.98 -1.10 0.00	40.79 -0.83 0.00	38.72 -0.83 0.00	37.71 -0.46 0.00	40.19 -0.95 0.00	47.05 -1.11 0.00	47.99 -2.00 0.00	42.98 -1.88 0.00	36.37 -0.74 0.00	31.83 -0.75 0.00	31.91 -0.75 0.00	32.87 -0.84 0.00	33.39 -0.86 0.00	34.46 -1.29 0.00	39.82 -2.01 0.00	53.57 -2.17 0.00	69.22 -2.21 0.00	70.59 -2.18 0.00	63.04 -2.42 0.00	55.33 -2.43 0.00	50.02 -2.47 0.00	45.30 -1.74 0.00	42.17 -1.21 0.00
STA_56___34_KV_BUS2 355983	47.19 -1.41 0.00	50.77 -0.67 0.00	48.98 -1.10 0.00	40.79 -0.83 0.00	38.72 -0.83 0.00	37.71 -0.46 0.00	40.19 -0.95 0.00	47.05 -1.11 0.00	47.99 -2.00 0.00	42.98 -1.88 0.00	36.37 -0.74 0.00	31.83 -0.75 0.00	31.91 -0.75 0.00	32.87 -0.84 0.00	33.39 -0.86 0.00	34.46 -1.29 0.00	39.82 -2.01 0.00	53.57 -2.17 0.00	69.22 -2.21 0.00	70.59 -2.18 0.00	63.04 -2.42 0.00	55.33 -2.43 0.00	50.02 -2.47 0.00	45.30 -1.74 0.00	42.17 -1.21 0.00
STA_67___115KV_BK2 355882	47.38 -1.22 0.00	51.03 -0.41 0.00	49.24 -0.85 0.00	41.00 -0.62 0.00	38.87 -0.67 0.00	37.94 -0.23 0.00	40.36 -0.78 0.00	47.25 -0.92 0.00	48.14 -1.85 0.00	43.07 -1.79 0.00	36.52 -0.59 0.00	31.96 -0.62 0.00	32.04 -0.62 0.00	32.97 -0.74 0.00	33.53 -0.72 0.00	34.57 -1.18 0.00	39.91 -1.92 0.00	53.69 -2.06 0.00	69.37 -2.07 0.00	70.73 -2.04 0.00	63.17 -2.29 0.00	55.45 -2.31 0.00	50.13 -2.36 0.00	45.45 -1.60 0.00	42.35 -1.04 0.00
STA_7___115KV_9TRANS 80674	47.68 -0.92 0.00	51.34 -0.10 0.00	49.49 -0.60 0.00	41.21 -0.42 0.00	39.07 -0.47 0.00	38.13 -0.04 0.00	40.56 -0.58 0.00	47.53 -0.63 0.00	48.39 -1.60 0.00	43.30 -1.57 0.00	36.71 -0.41 0.00	32.12 -0.46 0.00	32.20 -0.46 0.00	33.17 -0.54 0.00	33.70 -0.55 0.00	34.75 -1.00 0.00	40.16 -1.67 0.00	54.08 -1.67 0.00	69.94 -1.50 0.00	71.31 -1.46 0.00	63.69 -1.77 0.00	55.91 -1.85 0.00	50.49 -1.99 0.00	45.78 -1.27 0.00	42.61 -0.78 0.00
STA_82___115KV_TB1 80780	47.43 -1.17 0.00	51.03 -0.41 0.00	49.24 -0.85 0.00	41.00 -0.62 0.00	38.91 -0.63 0.00	37.94 -0.23 0.00	40.36 -0.78 0.00	47.29 -0.87 0.00	48.19 -1.80 0.00	43.07 -1.79 0.00	36.52 -0.59 0.00	31.96 -0.62 0.00	32.04 -0.62 0.00	33.00 -0.71 0.00	33.53 -0.72 0.00	34.57 -1.18 0.00	39.91 -1.92 0.00	53.74 -2.01 0.00	69.44 -2.00 0.00	70.81 -1.96 0.00	63.23 -2.23 0.00	55.45 -2.31 0.00	50.13 -2.36 0.00	45.49 -1.55 0.00	42.35 -1.04 0.00
STEEL___WIND 323596	46.85 -1.75 0.00	50.93 -0.51 0.00	48.88 -1.20 0.00	40.95 -0.67 0.00	38.79 -0.75 0.00	38.05 -0.11 0.00	40.15 -0.99 0.00	46.76 -1.40 0.00	47.49 -2.50 0.00	42.27 -2.60 0.00	35.63 -1.49 0.00	31.86 -0.72 0.00	31.88 -0.78 0.00	32.83 -0.88 0.00	33.18 -1.06 0.00	34.17 -1.57 0.00	38.90 -2.93 0.00	52.29 -3.46 0.00	68.23 -3.21 0.00	69.72 -3.05 0.00	61.73 -3.73 0.00	53.72 -4.04 0.00	47.82 -4.67 0.00	44.46 -2.59 0.00	41.74 -1.65 0.00
STEPHTWN_115KV_BK_2 55603	49.86 1.26 0.00	52.62 1.18 0.00	51.34 1.25 0.00	42.54 0.92 0.00	40.38 0.83 0.00	38.86 0.69 0.00	42.04 0.91 0.00	49.17 1.01 0.00	51.34 1.35 0.00	46.04 1.17 0.00	37.86 0.74 0.00	33.20 0.62 0.00	33.25 0.59 0.00	34.35 0.64 0.00	35.03 0.79 0.00	36.71 0.97 0.00	43.09 1.25 0.00	57.42 1.67 0.00	73.73 2.29 0.00	75.10 2.33 0.00	67.62 2.16 0.00	59.61 1.85 0.00	54.22 1.73 0.00	48.41 1.36 0.00	44.56 1.17 0.00
STEUBEN_REC_LFGE 323667	48.16 -0.44 0.00	52.11 0.67 0.00	50.09 0.00 0.00	42.00 0.37 0.00	39.82 0.28 0.00	38.97 0.80 0.00	41.26 0.12 0.00	48.40 0.24 0.00	49.24 -0.75 0.00	43.88 -0.99 0.00	37.15 0.04 0.00	32.38 -0.20 0.00	32.33 -0.33 0.00	33.30 -0.40 0.00	33.87 -0.38 0.00	34.82 -0.93 0.00	40.07 -1.76 0.00	54.30 -1.45 0.00	70.94 -0.50 0.00	72.62 -0.15 0.00	64.35 -1.11 0.00	56.14 -1.62 0.00	50.28 -2.20 0.00	45.82 -1.22 0.00	42.39 -1.00 0.00
STILLWATER___SOLAR 323814	50.06 1.46 0.00	52.88 1.44 0.00	51.59 1.50 0.00	42.75 1.12 0.00	40.57 1.03 0.00	39.01 0.84 0.00	42.25 1.11 0.00	49.41 1.25 0.00	51.44 1.45 0.00	45.94 1.08 0.00	37.78 0.67 0.00	33.00 0.42 0.00	33.02 0.36 0.00	34.11 0.41 0.00	34.86 0.62 0.00	36.53 0.79 0.00	43.00 1.17 0.00	57.64 1.90 0.00	74.01 2.57 0.00	75.46 2.69 0.00	68.01 2.55 0.00	59.95 2.19 0.00	54.48 1.99 0.00	48.51 1.46 0.00	44.73 1.35 0.00
STONY___BROOK 24151	47.67 1.02 1.95	47.68 -0.10 3.66	47.69 0.20 2.60	43.20 1.58 0.00	40.92 1.38 0.00	39.58 1.41 0.00	42.90 1.77 0.00	47.75 0.77 1.18	48.36 0.50 2.13	46.75 1.88 0.00	38.22 1.11 0.00	34.07 1.50 0.00	34.26 1.60 0.00	35.56 1.85 0.00	36.46 2.22 0.00	38.53 2.79 0.00	45.45 3.47 -0.15	52.99 1.56 4.32	74.44 3.00 0.00	75.96 3.20 0.00	68.27 2.81 0.00	59.49 1.79 0.06	53.80 1.99 0.69	49.38 2.54 0.20	46.34 3.08 0.13
STURGEON_POOL_HYD 23609	50.64 2.04 0.00	53.09 1.65 0.00	51.89 1.80 0.00	43.20 1.58 0.00	41.01 1.46 0.00	39.54 1.37 0.00	42.66 1.52 0.00	49.99 1.83 0.00	51.89 1.90 0.00	46.80 1.93 0.00	38.56 1.45 0.00	33.88 1.30 0.00	33.97 1.31 0.00	35.16 1.45 0.00	35.68 1.44 0.00	37.36 1.61 0.00	44.01 2.18 0.00	58.48 2.73 0.00	74.80 3.36 0.00	76.04 3.27 0.00	68.34 2.88 0.00	60.24 2.48 0.00	54.95 2.47 0.00	49.26 2.21 0.00	45.38 2.00 0.00

ST_LAW_115_BK7_LBMP 345037	49.14 0.54 0.00	52.06 0.62 0.00	50.64 0.55 0.00	42.16 0.54 0.00	40.06 0.51 0.00	38.66 0.49 0.00	41.63 0.50 0.00	48.79 0.62 0.00	50.59 0.60 0.00	45.36 0.49 0.00	37.45 0.33 0.00	32.87 0.29 0.00	32.95 0.29 0.00	34.01 0.30 0.00	34.52 0.27 0.00	36.03 0.28 0.00	42.21 0.38 0.00	56.14 0.39 0.00	71.87 0.43 0.00	73.21 0.44 0.00	65.92 0.46 0.00	58.28 0.52 0.00	52.96 0.47 0.00	47.52 0.47 0.00	43.65 0.26 0.00
ST_LAW_115_BK8_LBMP 345038	49.14 0.54 0.00	52.06 0.62 0.00	50.64 0.55 0.00	42.16 0.54 0.00	40.06 0.51 0.00	38.66 0.49 0.00	41.63 0.50 0.00	48.79 0.62 0.00	50.59 0.60 0.00	45.36 0.49 0.00	37.45 0.33 0.00	32.87 0.29 0.00	32.95 0.29 0.00	34.01 0.30 0.00	34.52 0.27 0.00	36.03 0.28 0.00	42.21 0.38 0.00	56.14 0.39 0.00	71.87 0.43 0.00	73.21 0.44 0.00	65.92 0.46 0.00	58.28 0.52 0.00	52.96 0.47 0.00	47.52 0.47 0.00	43.65 0.26 0.00
ST_LAW_230_BK5_LBMP 345035	49.04 0.44 0.00	52.01 0.57 0.00	50.59 0.50 0.00	42.08 0.46 0.00	39.98 0.44 0.00	38.59 0.42 0.00	41.59 0.45 0.00	48.69 0.53 0.00	50.54 0.55 0.00	45.32 0.45 0.00	37.41 0.30 0.00	32.84 0.26 0.00	32.92 0.26 0.00	33.98 0.27 0.00	34.49 0.24 0.00	36.00 0.25 0.00	42.16 0.33 0.00	56.08 0.34 0.00	71.80 0.36 0.00	73.14 0.37 0.00	65.86 0.40 0.00	58.17 0.41 0.00	52.86 0.37 0.00	47.47 0.42 0.00	43.61 0.22 0.00
ST_LAW_230_BK6_LBMP 345036	49.04 0.44 0.00	52.01 0.57 0.00	50.59 0.50 0.00	42.08 0.46 0.00	39.98 0.44 0.00	38.59 0.42 0.00	41.59 0.45 0.00	48.69 0.53 0.00	50.54 0.55 0.00	45.32 0.45 0.00	37.41 0.30 0.00	32.84 0.26 0.00	32.92 0.26 0.00	33.98 0.27 0.00	34.49 0.24 0.00	36.00 0.25 0.00	42.16 0.33 0.00	56.08 0.34 0.00	71.80 0.36 0.00	73.14 0.37 0.00	65.86 0.40 0.00	58.17 0.41 0.00	52.86 0.37 0.00	47.47 0.42 0.00	43.61 0.22 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	50.84 2.24 0.00	53.24 1.80 0.00	52.09 2.00 0.00	43.37 1.75 0.00	41.17 1.62 0.00	39.73 1.56 0.00	42.87 1.73 0.00	50.23 2.07 0.00	52.14 2.15 0.00	47.02 2.15 0.00	38.82 1.71 0.00	34.14 1.56 0.00	34.26 1.60 0.00	35.46 1.75 0.00	35.96 1.71 0.00	37.61 1.86 0.00	44.26 2.43 0.00	58.76 3.01 0.00	75.01 3.57 0.00	76.26 3.49 0.00	68.54 3.08 0.00	60.42 2.66 0.00	55.16 2.68 0.00	49.49 2.45 0.00	45.56 2.17 0.00
SWANROAD_115KV_TB1 355699	45.98 -2.62 0.00	50.10 -1.34 0.00	47.98 -2.10 0.00	40.37 -1.25 0.00	38.32 -1.23 0.00	37.60 -0.57 0.00	39.66 -1.48 0.00	46.19 -1.97 0.00	46.19 -3.80 0.00	41.10 -3.77 0.00	35.52 -1.60 0.00	31.08 -1.50 0.00	31.09 -1.57 0.00	31.99 -1.72 0.00	32.53 -1.71 0.00	33.28 -2.47 0.00	37.86 -3.97 0.00	51.12 -4.63 0.00	66.15 -5.29 0.00	67.46 -5.31 0.00	59.83 -5.63 0.00	52.22 -5.55 0.00	47.08 -5.41 0.00	43.56 -3.48 0.00	41.43 -1.95 0.00
SYNERGY___BIOGAS 323694	47.53 -1.07 0.00	51.60 0.15 0.00	49.54 -0.55 0.00	41.50 -0.12 0.00	39.31 -0.24 0.00	38.51 0.34 0.00	40.73 -0.41 0.00	47.63 -0.53 0.00	47.94 -2.05 0.00	42.67 -2.20 0.00	36.56 -0.56 0.00	31.89 -0.68 0.00	31.94 -0.72 0.00	32.87 -0.84 0.00	33.42 -0.82 0.00	34.28 -1.47 0.00	39.28 -2.55 0.00	53.18 -2.56 0.00	69.08 -2.36 0.00	70.66 -2.11 0.00	62.84 -2.62 0.00	54.93 -2.83 0.00	49.44 -3.04 0.00	45.30 -1.74 0.00	42.61 -0.78 0.00
SYRACUSE___ENERGY_ST1 323597	48.02 -0.58 0.00	50.93 -0.51 0.00	49.54 -0.55 0.00	41.16 -0.46 0.00	39.15 -0.40 0.00	37.86 -0.31 0.00	40.69 -0.45 0.00	47.63 -0.53 0.00	49.34 -0.65 0.00	44.33 -0.54 0.00	36.78 -0.33 0.00	32.32 -0.26 0.00	32.37 -0.29 0.00	33.37 -0.34 0.00	33.90 -0.34 0.00	35.28 -0.46 0.00	41.20 -0.63 0.00	55.14 -0.61 0.00	70.87 -0.57 0.00	72.19 -0.58 0.00	64.81 -0.65 0.00	57.18 -0.58 0.00	51.86 -0.63 0.00	46.58 -0.47 0.00	43.00 -0.39 0.00
SYRACUSE___ENERGY_ST2 323598	48.02 -0.58 0.00	50.93 -0.51 0.00	49.54 -0.55 0.00	41.16 -0.46 0.00	39.15 -0.40 0.00	37.86 -0.31 0.00	40.69 -0.45 0.00	47.63 -0.53 0.00	49.34 -0.65 0.00	44.33 -0.54 0.00	36.78 -0.33 0.00	32.32 -0.26 0.00	32.37 -0.29 0.00	33.37 -0.34 0.00	33.90 -0.34 0.00	35.28 -0.46 0.00	41.20 -0.63 0.00	55.14 -0.61 0.00	70.87 -0.57 0.00	72.19 -0.58 0.00	64.81 -0.65 0.00	57.18 -0.58 0.00	51.86 -0.63 0.00	46.58 -0.47 0.00	43.00 -0.39 0.00
SYRACUSE___POWER 24017	47.97 -0.63 0.00	50.82 -0.62 0.00	49.44 -0.65 0.00	41.12 -0.50 0.00	39.07 -0.47 0.00	37.79 -0.38 0.00	40.60 -0.53 0.00	47.58 -0.58 0.00	49.29 -0.70 0.00	44.24 -0.63 0.00	36.71 -0.41 0.00	32.25 -0.33 0.00	32.33 -0.33 0.00	33.34 -0.37 0.00	33.87 -0.38 0.00	35.28 -0.46 0.00	41.16 -0.67 0.00	55.08 -0.67 0.00	70.80 -0.64 0.00	72.19 -0.58 0.00	64.81 -0.65 0.00	57.13 -0.64 0.00	51.86 -0.63 0.00	46.53 -0.52 0.00	42.95 -0.43 0.00
TALLMAN_138KV_BK151 55660	50.98 2.38 0.00	53.34 1.90 0.00	52.19 2.10 0.00	43.50 1.87 0.00	41.29 1.74 0.00	39.81 1.64 0.00	42.99 1.85 0.00	50.38 2.22 0.00	52.29 2.30 0.00	47.16 2.29 0.00	38.97 1.86 0.00	34.27 1.69 0.00	34.42 1.76 0.00	35.63 1.92 0.00	36.13 1.88 0.00	37.78 2.04 0.00	44.47 2.64 0.00	58.98 3.23 0.00	75.23 3.79 0.00	76.48 3.71 0.00	68.73 3.27 0.00	60.59 2.83 0.00	55.37 2.89 0.00	49.68 2.63 0.00	45.73 2.34 0.00
TEALLAVE_115KV_TB7 355573	47.73 -0.87 0.00	50.67 -0.77 0.00	49.24 -0.85 0.00	40.96 -0.67 0.00	38.91 -0.63 0.00	37.63 -0.53 0.00	40.44 -0.70 0.00	47.34 -0.82 0.00	49.04 -0.95 0.00	44.02 -0.85 0.00	36.59 -0.52 0.00	32.12 -0.46 0.00	32.20 -0.46 0.00	33.20 -0.51 0.00	33.73 -0.51 0.00	35.14 -0.61 0.00	40.99 -0.84 0.00	54.80 -0.95 0.00	70.44 -1.00 0.00	71.75 -1.02 0.00	64.41 -1.05 0.00	56.78 -0.98 0.00	51.54 -0.94 0.00	46.29 -0.75 0.00	42.74 -0.65 0.00
TELGRAPH_34_KV_EAST 80808	46.85 -1.75 0.00	50.98 -0.46 0.00	48.88 -1.20 0.00	41.00 -0.62 0.00	38.87 -0.67 0.00	38.13 -0.04 0.00	40.27 -0.86 0.00	47.00 -1.16 0.00	47.24 -2.75 0.00	42.04 -2.83 0.00	36.19 -0.93 0.00	31.60 -0.98 0.00	31.65 -1.01 0.00	32.56 -1.15 0.00	33.11 -1.13 0.00	33.92 -1.82 0.00	38.74 -3.10 0.00	52.35 -3.40 0.00	67.87 -3.57 0.00	69.35 -3.42 0.00	61.53 -3.93 0.00	53.78 -3.99 0.00	48.45 -4.04 0.00	44.55 -2.49 0.00	42.09 -1.30 0.00
TEMPLE___115KV_TB 2 55572	47.77 -0.83 0.00	50.67 -0.77 0.00	49.24 -0.85 0.00	40.96 -0.67 0.00	38.91 -0.63 0.00	37.63 -0.53 0.00	40.44 -0.70 0.00	47.39 -0.77 0.00	49.04 -0.95 0.00	44.06 -0.81 0.00	36.59 -0.52 0.00	32.15 -0.42 0.00	32.24 -0.42 0.00	33.24 -0.47 0.00	33.73 -0.51 0.00	35.14 -0.61 0.00	40.99 -0.84 0.00	54.80 -0.95 0.00	70.44 -1.00 0.00	71.75 -1.02 0.00	64.48 -0.98 0.00	56.84 -0.92 0.00	51.59 -0.89 0.00	46.29 -0.75 0.00	42.78 -0.61 0.00
TIANA____69_KV_BK 1 55817	47.11 0.49 1.97	47.03 -0.72 3.69	47.16 -0.30 2.63	42.74 1.12 0.00	40.49 0.95 0.00	39.16 0.99 0.00	42.45 1.32 0.00	47.11 0.14 1.20	47.89 0.05 2.15	46.39 1.53 0.00	37.67 0.56 0.00	33.75 1.17 0.00	33.90 1.24 0.00	35.19 1.48 0.00	35.88 1.64 0.00	38.17 2.43 0.00	45.06 3.10 -0.13	52.45 1.06 4.36	74.58 3.14 0.00	76.19 3.42 0.00	68.34 2.88 0.00	59.31 1.62 0.06	54.05 2.26 0.69	49.38 2.54 0.21	46.07 2.82 0.14

TILDEN___115KV_TB1 80814	47.97 -0.63 0.00	50.82 -0.62 0.00	49.44 -0.65 0.00	41.12 -0.50 0.00	39.07 -0.47 0.00	37.79 -0.38 0.00	40.60 -0.53 0.00	47.58 -0.58 0.00	49.29 -0.70 0.00	44.24 -0.63 0.00	36.71 -0.41 0.00	32.25 -0.33 0.00	32.33 -0.33 0.00	33.34 -0.37 0.00	33.87 -0.38 0.00	35.28 -0.46 0.00	41.16 -0.67 0.00	55.08 -0.67 0.00	70.80 -0.64 0.00	72.19 -0.58 0.00	64.81 -0.65 0.00	57.13 -0.64 0.00	51.86 -0.63 0.00	46.53 -0.52 0.00	42.95 -0.43 0.00
TRIGEN___CC 323695	50.80 1.85 -0.36	51.40 0.82 0.86	51.57 1.10 -0.38	43.72 2.08 -0.02	41.46 1.90 -0.02	40.06 1.87 -0.02	43.34 2.18 -0.02	49.83 1.44 -0.22	50.93 1.35 0.41	47.40 2.51 -0.02	38.66 1.52 -0.02	34.49 1.89 -0.02	34.64 1.96 -0.02	35.95 2.22 -0.02	36.59 2.33 -0.02	38.66 2.90 -0.02	46.63 3.64 -1.16	57.51 2.23 0.46	75.39 3.93 -0.02	76.87 4.08 -0.02	69.02 3.53 -0.02	60.27 2.48 -0.03	55.62 2.99 -0.14	50.59 3.25 -0.30	47.37 3.38 -0.60
TRINITY___115KV__4 BK 55933	49.43 0.83 0.00	52.16 0.72 0.00	50.89 0.80 0.00	42.12 0.50 0.00	40.02 0.47 0.00	38.51 0.34 0.00	41.63 0.49 0.00	48.74 0.58 0.00	50.94 0.95 0.00	45.68 0.81 0.00	37.60 0.48 0.00	32.97 0.39 0.00	33.05 0.39 0.00	34.11 0.40 0.00	34.83 0.58 0.00	36.50 0.75 0.00	42.75 0.92 0.00	56.86 1.11 0.00	72.87 1.43 0.00	74.23 1.46 0.00	66.90 1.44 0.00	58.97 1.21 0.00	53.75 1.26 0.00	47.94 0.89 0.00	44.17 0.78 0.00
UNION___PROCESSING_DRP 323587	47.43 -1.17 0.00	51.08 -0.36 0.00	49.24 -0.85 0.00	41.00 -0.62 0.00	38.91 -0.63 0.00	37.94 -0.23 0.00	40.36 -0.78 0.00	47.29 -0.87 0.00	48.19 -1.80 0.00	43.07 -1.79 0.00	36.52 -0.59 0.00	31.96 -0.62 0.00	32.04 -0.62 0.00	33.00 -0.71 0.00	33.53 -0.72 0.00	34.57 -1.18 0.00	39.91 -1.92 0.00	53.74 -2.01 0.00	69.44 -2.00 0.00	70.81 -1.96 0.00	63.23 -2.23 0.00	55.51 -2.25 0.00	50.13 -2.36 0.00	45.49 -1.55 0.00	42.35 -1.04 0.00
UPPER HUDSON___HYD 24058	49.67 1.07 0.00	52.47 1.03 0.00	51.19 1.10 0.00	42.50 0.88 0.00	40.34 0.79 0.00	38.78 0.61 0.00	42.04 0.90 0.00	48.93 0.77 0.00	50.89 0.90 0.00	45.41 0.54 0.00	37.34 0.22 0.00	32.55 -0.03 0.00	32.56 -0.10 0.00	33.64 -0.07 0.00	34.38 0.14 0.00	36.03 0.28 0.00	42.50 0.67 0.00	57.08 1.34 0.00	73.51 2.07 0.00	74.95 2.18 0.00	67.55 2.09 0.00	59.61 1.85 0.00	54.12 1.63 0.00	48.17 1.13 0.00	44.43 1.04 0.00
UPPER RAQUET___HYD 24056	50.20 1.60 0.00	53.24 1.80 0.00	51.74 1.65 0.00	43.12 1.50 0.00	40.97 1.42 0.00	39.54 1.37 0.00	42.62 1.48 0.00	49.94 1.78 0.00	51.69 1.70 0.00	46.21 1.34 0.00	38.00 0.89 0.00	33.36 0.78 0.00	33.51 0.85 0.00	34.58 0.87 0.00	35.03 0.79 0.00	36.53 0.79 0.00	42.88 1.05 0.00	57.08 1.34 0.00	73.23 1.79 0.00	74.74 1.97 0.00	67.42 1.96 0.00	59.66 1.90 0.00	54.22 1.73 0.00	48.65 1.60 0.00	44.56 1.17 0.00
VALLEY44_115KV_TB2 355964	46.70 -1.90 0.00	50.67 -0.77 0.00	48.68 -1.40 0.00	40.79 -0.83 0.00	38.68 -0.87 0.00	37.90 -0.27 0.00	40.03 -1.11 0.00	46.96 -1.20 0.00	47.69 -2.30 0.00	42.45 -2.42 0.00	36.41 -0.71 0.00	31.89 -0.68 0.00	31.84 -0.82 0.00	32.80 -0.91 0.00	33.35 -0.89 0.00	34.14 -1.61 0.00	38.99 -2.84 0.00	52.74 -3.01 0.00	68.65 -2.79 0.00	70.15 -2.62 0.00	62.12 -3.34 0.00	54.12 -3.64 0.00	48.55 -3.94 0.00	44.55 -2.49 0.00	41.43 -1.95 0.00
VALLEY___115KV_TB 1-4 80826	49.47 0.87 0.00	52.42 0.98 0.00	51.09 1.00 0.00	42.45 0.83 0.00	40.34 0.79 0.00	38.93 0.76 0.00	42.00 0.86 0.00	49.17 1.01 0.00	51.04 1.05 0.00	45.77 0.90 0.00	37.82 0.71 0.00	33.16 0.59 0.00	33.28 0.62 0.00	34.31 0.61 0.00	34.83 0.58 0.00	36.35 0.61 0.00	42.63 0.79 0.00	56.97 1.23 0.00	73.01 1.57 0.00	74.44 1.67 0.00	67.10 1.64 0.00	59.09 1.33 0.00	53.75 1.26 0.00	48.08 1.04 0.00	44.34 0.95 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E50.59 345011	53.45 1.99 0.00	52.14 2.01 0.00	52.14 2.05 0.00	43.37 1.75 0.00	41.13 1.58 0.00	39.77 1.60 0.00	42.91 1.77 0.00	50.28 2.12 0.00	52.09 2.10 0.00	46.75 1.88 0.00	38.64 1.52 0.00	33.85 1.27 0.00	34.00 1.34 0.00	35.06 1.35 0.00	35.51 1.27 0.00	37.03 1.29 0.00	43.55 1.72 0.00	58.20 2.45 0.00	74.58 3.14 0.00	76.04 3.27 0.00	68.34 2.88 0.00	60.24 2.48 0.00	54.74 2.26 0.00	49.07 2.02 0.00	45.21 1.82 0.00
VISCHER___FERRY HYD 24020	49.62 1.02 0.00	52.37 0.93 0.00	51.14 1.05 0.00	42.25 0.63 0.00	40.14 0.59 0.00	38.51 0.34 0.00	41.76 0.62 0.00	48.98 0.82 0.00	51.19 1.20 0.00	45.85 0.99 0.00	37.74 0.63 0.00	32.97 0.39 0.00	32.99 0.33 0.00	34.08 0.37 0.00	34.86 0.62 0.00	36.53 0.79 0.00	42.88 1.05 0.00	57.20 1.45 0.00	73.29 1.85 0.00	74.74 1.97 0.00	67.36 1.90 0.00	59.44 1.68 0.00	54.12 1.63 0.00	48.08 1.03 0.00	44.34 0.95 0.00
V_A_10_SYNC_DSASP 323832	46.66 -1.94 0.00	50.57 -0.87 0.00	48.58 -1.50 0.00	40.58 -1.04 0.00	38.52 -1.03 0.00	37.71 -0.46 0.00	39.90 -1.23 0.00	46.72 -1.44 0.00	47.29 -2.70 0.00	42.18 -2.69 0.00	36.15 -0.96 0.00	31.63 -0.94 0.00	31.68 -0.98 0.00	32.60 -1.11 0.00	33.15 -1.10 0.00	34.03 -1.72 0.00	38.90 -2.93 0.00	52.40 -3.34 0.00	67.72 -3.71 0.00	69.06 -3.71 0.00	61.40 -4.06 0.00	53.78 -3.99 0.00	48.55 -3.94 0.00	44.46 -2.59 0.00	41.70 -1.69 0.00
V_CMM_10_SYNC_DSASP 323787	49.38 0.78 0.00	52.32 0.87 0.00	50.89 0.80 0.00	42.33 0.71 0.00	40.26 0.71 0.00	38.86 0.69 0.00	41.84 0.70 0.00	49.03 0.87 0.00	50.79 0.80 0.00	45.54 0.67 0.00	37.60 0.48 0.00	33.00 0.42 0.00	33.12 0.46 0.00	34.18 0.47 0.00	34.66 0.41 0.00	36.18 0.43 0.00	42.37 0.54 0.00	56.36 0.61 0.00	72.15 0.71 0.00	73.50 0.73 0.00	66.18 0.72 0.00	58.57 0.81 0.00	53.12 0.63 0.00	47.66 0.61 0.00	43.86 0.48 0.00
V_CMP_10_SYNC_DSASP 323788	49.77 1.17 0.00	52.88 1.44 0.00	51.39 1.30 0.00	42.83 1.21 0.00	40.73 1.19 0.00	39.31 1.15 0.00	42.33 1.19 0.00	49.65 1.49 0.00	51.44 1.45 0.00	46.08 1.21 0.00	37.97 0.85 0.00	33.33 0.75 0.00	33.41 0.75 0.00	34.48 0.78 0.00	34.96 0.72 0.00	36.50 0.75 0.00	42.83 1.00 0.00	56.47 0.72 0.00	71.94 0.50 0.00	73.28 0.51 0.00	65.98 0.52 0.00	58.40 0.64 0.00	52.91 0.42 0.00	47.75 0.71 0.00	44.17 0.78 0.00
V_D_10_SYNC_DSASP 323841	49.86 1.26 0.00	52.83 1.39 0.00	51.39 1.30 0.00	42.79 1.17 0.00	40.65 1.11 0.00	39.24 1.07 0.00	42.29 1.15 0.00	49.51 1.35 0.00	51.29 1.30 0.00	45.95 1.08 0.00	37.89 0.78 0.00	33.26 0.68 0.00	33.41 0.75 0.00	34.48 0.78 0.00	34.96 0.72 0.00	36.46 0.71 0.00	42.75 0.92 0.00	56.86 1.11 0.00	72.80 1.36 0.00	74.15 1.38 0.00	66.84 1.37 0.00	59.15 1.39 0.00	53.69 1.21 0.00	48.17 1.13 0.00	44.26 0.87 0.00
V_E_10_SYNC_DSASP 323830	51.56 2.96 0.00	54.89 3.45 0.00	53.44 3.36 0.00	44.49 2.87 0.00	42.16 2.61 0.00	40.95 2.79 0.00	44.10 2.96 0.00	51.72 3.56 0.00	53.24 3.25 0.00	47.43 2.56 0.00	39.04 1.93 0.00	33.95 1.37 0.00	34.16 1.50 0.00	35.19 1.48 0.00	35.61 1.37 0.00	37.03 1.29 0.00	43.76 1.92 0.00	59.26 3.51 0.00	76.73 5.29 0.00	78.45 5.68 0.00	70.44 4.97 0.00	61.69 3.93 0.00	55.69 3.20 0.00	49.77 2.73 0.00	45.82 2.43 0.00

V_F_30_NSYNC___DSASP 323816	50.11 1.51 0.00	52.98 1.54 0.00	51.69 1.60 0.00	42.79 1.17 0.00	40.65 1.11 0.00	39.08 0.92 0.00	42.33 1.19 0.00	49.41 1.25 0.00	51.49 1.50 0.00	46.04 1.17 0.00	37.78 0.67 0.00	33.07 0.49 0.00	33.08 0.42 0.00	34.18 0.47 0.00	34.90 0.65 0.00	36.60 0.86 0.00	43.04 1.21 0.00	57.70 1.95 0.00	74.15 2.71 0.00	75.61 2.84 0.00	68.08 2.62 0.00	60.01 2.25 0.00	54.53 2.05 0.00	48.65 1.60 0.00	44.82 1.43 0.00
V_F_30_SYNC_DSASP 323786	49.67 1.07 0.00	52.42 0.98 0.00	51.14 1.05 0.00	42.37 0.75 0.00	40.26 0.71 0.00	38.74 0.57 0.00	41.88 0.74 0.00	48.98 0.82 0.00	51.14 1.15 0.00	45.86 0.99 0.00	37.74 0.63 0.00	33.13 0.55 0.00	33.18 0.52 0.00	34.28 0.57 0.00	34.96 0.72 0.00	36.64 0.89 0.00	42.96 1.13 0.00	57.25 1.51 0.00	73.37 1.93 0.00	74.73 1.96 0.00	67.29 1.83 0.00	59.38 1.62 0.00	54.06 1.57 0.00	48.22 1.18 0.00	44.43 1.04 0.00
V_XM_10_SYNC_DSASP 323789	49.77 1.17 0.00	52.88 1.44 0.00	51.39 1.30 0.00	42.83 1.21 0.00	40.73 1.19 0.00	39.31 1.15 0.00	42.33 1.19 0.00	49.65 1.49 0.00	51.44 1.45 0.00	46.08 1.21 0.00	37.97 0.85 0.00	33.33 0.75 0.00	33.41 0.75 0.00	34.48 0.78 0.00	34.96 0.72 0.00	36.50 0.75 0.00	42.83 1.00 0.00	56.47 0.72 0.00	71.94 0.50 0.00	73.28 0.51 0.00	65.98 0.52 0.00	58.40 0.64 0.00	52.91 0.42 0.00	47.75 0.71 0.00	44.17 0.78 0.00
W.BABYLN_69_KV_BK1 56697	48.74 1.60 1.46	48.80 0.46 3.11	48.92 0.80 1.97	43.91 2.29 0.00	41.60 2.06 0.00	40.23 2.06 0.00	43.57 2.43 0.00	48.38 1.11 0.88	49.20 1.00 1.79	47.52 2.65 0.00	38.60 1.48 0.00	34.53 1.95 0.00	34.72 2.06 0.00	36.04 2.33 0.00	36.75 2.50 0.00	38.97 3.22 0.00	46.03 3.81 -0.40	54.28 2.06 3.53	76.08 4.64 0.00	77.72 4.95 0.00	69.65 4.19 0.00	60.26 2.54 0.04	55.02 3.04 0.51	50.25 3.29 0.08	46.99 3.56 -0.05
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	51.18 2.58 0.00	53.55 2.11 0.00	52.39 2.30 0.00	43.62 2.00 0.00	41.40 1.86 0.00	39.92 1.76 0.00	43.11 1.97 0.00	50.52 2.36 0.00	52.44 2.45 0.00	47.34 2.47 0.00	39.04 1.93 0.00	34.37 1.79 0.00	34.49 1.83 0.00	35.73 2.02 0.00	36.23 1.99 0.00	37.89 2.14 0.00	44.63 2.80 0.00	59.20 3.46 0.00	75.58 4.14 0.00	76.77 4.00 0.00	69.00 3.53 0.00	60.88 3.12 0.00	55.58 3.10 0.00	49.82 2.78 0.00	45.86 2.47 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	51.22 2.62 0.00	53.50 2.06 0.00	52.39 2.30 0.00	43.66 2.04 0.00	41.44 1.90 0.00	40.00 1.83 0.00	43.15 2.02 0.00	50.62 2.46 0.00	52.54 2.55 0.00	47.47 2.60 0.00	39.23 2.12 0.00	34.56 1.99 0.00	34.69 2.02 0.00	35.90 2.19 0.00	36.37 2.12 0.00	38.03 2.29 0.00	44.72 2.89 0.00	59.26 3.51 0.00	75.44 4.00 0.00	76.63 3.86 0.00	68.86 3.40 0.00	60.76 3.00 0.00	55.58 3.10 0.00	49.92 2.87 0.00	45.95 2.56 0.00
W50THST__13_KV_LOAD 356117	51.47 2.87 0.00	53.70 2.26 0.00	52.59 2.50 0.00	43.83 2.21 0.00	41.60 2.06 0.00	40.15 1.98 0.00	43.32 2.18 0.00	50.81 2.65 0.00	52.79 2.80 0.00	47.70 2.83 0.00	39.42 2.30 0.00	34.73 2.15 0.00	34.85 2.19 0.00	36.07 2.36 0.00	36.54 2.29 0.00	38.21 2.47 0.00	44.93 3.10 0.00	59.48 3.74 0.00	75.80 4.36 0.00	76.99 4.22 0.00	69.13 3.67 0.00	61.00 3.23 0.00	55.79 3.31 0.00	50.10 3.06 0.00	46.16 2.78 0.00
WADING RIVER_IC_1 23522	46.67 0.05 1.97	46.57 -1.18 3.69	46.70 -0.75 2.63	42.32 0.71 0.00	40.13 0.59 0.00	38.81 0.65 0.00	42.08 0.95 0.00	46.82 -0.14 1.20	47.39 -0.45 2.15	45.90 1.03 0.00	37.48 0.37 0.00	33.42 0.85 0.00	33.57 0.91 0.00	34.88 1.18 0.00	35.92 1.68 0.00	37.81 2.07 0.00	44.64 2.68 -0.13	51.89 0.50 4.36	73.15 1.71 0.00	74.73 1.97 0.00	67.15 1.70 0.00	58.56 0.87 0.06	52.95 1.15 0.70	48.58 1.74 0.21	45.55 2.30 0.14
WADING RIVER_IC_2 23547	46.67 0.05 1.97	46.57 -1.18 3.69	46.70 -0.75 2.63	42.32 0.71 0.00	40.13 0.59 0.00	38.81 0.65 0.00	42.08 0.95 0.00	46.82 -0.14 1.20	47.39 -0.45 2.15	45.90 1.03 0.00	37.48 0.37 0.00	33.42 0.85 0.00	33.57 0.91 0.00	34.88 1.18 0.00	35.92 1.68 0.00	37.81 2.07 0.00	44.64 2.68 -0.13	51.89 0.50 4.36	73.15 1.71 0.00	74.73 1.97 0.00	67.15 1.70 0.00	58.56 0.87 0.06	52.95 1.15 0.70	48.58 1.74 0.21	45.55 2.30 0.14
WADING RIVER_IC_3 23601	46.67 0.05 1.97	46.57 -1.18 3.69	46.70 -0.75 2.63	42.32 0.71 0.00	40.13 0.59 0.00	38.81 0.65 0.00	42.08 0.95 0.00	46.82 -0.14 1.20	47.39 -0.45 2.15	45.90 1.03 0.00	37.48 0.37 0.00	33.42 0.85 0.00	33.57 0.91 0.00	34.88 1.18 0.00	35.92 1.68 0.00	37.81 2.07 0.00	44.64 2.68 -0.13	51.89 0.50 4.36	73.15 1.71 0.00	74.73 1.97 0.00	67.15 1.70 0.00	58.56 0.87 0.06	52.95 1.15 0.70	48.58 1.74 0.21	45.55 2.30 0.14
WALDENNY_12_KV_BK2 80841	46.85 -1.75 0.00	50.93 -0.51 0.00	48.88 -1.20 0.00	41.00 -0.62 0.00	38.83 -0.71 0.00	38.09 -0.08 0.00	40.19 -0.95 0.00	47.05 -1.11 0.00	47.44 -2.55 0.00	42.22 -2.65 0.00	36.37 -0.74 0.00	31.86 -0.72 0.00	31.84 -0.82 0.00	32.83 -0.88 0.00	33.42 -0.82 0.00	34.17 -1.57 0.00	38.90 -2.93 0.00	52.57 -3.18 0.00	68.15 -3.29 0.00	69.57 -3.20 0.00	61.66 -3.80 0.00	53.72 -4.04 0.00	48.34 -4.15 0.00	44.55 -2.49 0.00	41.83 -1.56 0.00
WALDEN__HYDRO 24148	50.98 2.38 0.00	53.40 1.95 0.00	52.24 2.15 0.00	43.50 1.87 0.00	41.29 1.74 0.00	39.81 1.64 0.00	42.99 1.85 0.00	50.33 2.17 0.00	52.24 2.25 0.00	47.11 2.24 0.00	38.86 1.74 0.00	34.17 1.60 0.00	34.26 1.60 0.00	35.49 1.79 0.00	35.99 1.75 0.00	37.68 1.93 0.00	44.38 2.55 0.00	58.93 3.18 0.00	75.30 3.86 0.00	76.55 3.78 0.00	68.80 3.34 0.00	60.65 2.89 0.00	55.37 2.89 0.00	49.63 2.59 0.00	45.69 2.30 0.00
WARRENSBURG____ 23737	49.67 1.07 0.00	52.47 1.03 0.00	51.19 1.10 0.00	42.50 0.87 0.00	40.34 0.79 0.00	38.78 0.61 0.00	42.04 0.91 0.00	48.88 0.72 0.00	50.89 0.90 0.00	45.41 0.54 0.00	37.26 0.15 0.00	32.55 -0.03 0.00	32.56 -0.10 0.00	33.64 -0.07 0.00	34.38 0.14 0.00	36.03 0.29 0.00	42.50 0.67 0.00	57.09 1.34 0.00	73.51 2.07 0.00	75.03 2.26 0.00	67.56 2.09 0.00	59.61 1.85 0.00	54.11 1.63 0.00	48.22 1.18 0.00	44.43 1.04 0.00
WATERSIDE____6 8 9 23538	51.22 2.62 0.00	53.34 1.90 0.00	52.29 2.20 0.00	43.66 2.04 0.00	41.44 1.90 0.00	40.00 1.83 0.00	42.99 1.85 0.00	50.33 2.17 0.00	52.19 2.20 0.00	47.15 2.29 0.01	39.04 1.93 0.00	34.37 1.79 0.00	34.52 1.86 0.00	35.73 2.02 0.00	36.20 1.95 0.00	37.89 2.14 0.00	44.51 2.68 0.00	58.86 3.12 0.01	74.93 3.50 0.01	76.11 3.35 0.01	68.40 2.95 0.01	60.35 2.60 0.01	55.21 2.73 0.01	49.77 2.73 0.00	45.86 2.47 0.00
WATKINRD_115KV_LN8_ILLION 55919	49.23 0.63 0.00	52.11 0.67 0.00	50.79 0.70 0.00	42.20 0.58 0.00	40.06 0.51 0.00	38.70 0.53 0.00	41.76 0.62 0.00	48.84 0.67 0.00	50.69 0.70 0.00	45.50 0.63 0.00	37.60 0.48 0.00	33.00 0.42 0.00	33.08 0.42 0.00	34.15 0.44 0.00	34.66 0.41 0.00	36.18 0.43 0.00	42.42 0.59 0.00	56.58 0.84 0.00	72.58 1.14 0.00	74.01 1.24 0.00	66.57 1.11 0.00	58.68 0.92 0.00	53.38 0.89 0.00	47.75 0.71 0.00	44.04 0.65 0.00

WDELAWARE___HYD 323627	51.27 2.67 0.00	53.81 2.37 0.00	52.54 2.45 0.00	43.79 2.16 0.00	41.52 1.98 0.00	40.08 1.91 0.00	43.24 2.10 0.00	50.66 2.50 0.00	52.44 2.45 0.00	47.29 2.42 0.00	39.08 1.97 0.00	34.17 1.60 0.00	34.29 1.63 0.00	35.49 1.79 0.00	35.99 1.75 0.00	37.68 1.93 0.00	44.43 2.59 0.00	59.26 3.51 0.00	75.87 4.43 0.00	77.14 4.37 0.00	69.32 3.86 0.00	61.11 3.35 0.00	55.69 3.20 0.00	49.82 2.78 0.00	45.99 2.60 0.00
WEST BABYLON___IC 23714	48.74 1.60 1.46	48.80 0.46 3.11	48.92 0.80 1.97	43.91 2.29 0.00	41.60 2.06 0.00	40.23 2.06 0.00	43.57 2.43 0.00	48.38 1.11 0.88	49.20 1.00 1.79	47.52 2.65 0.00	38.60 1.48 0.00	34.53 1.95 0.00	34.72 2.06 0.00	36.04 2.33 0.00	36.75 2.50 0.00	38.97 3.22 0.00	46.03 3.81 -0.40	54.28 2.06 3.53	76.08 4.64 0.00	77.72 4.95 0.00	69.65 4.19 0.00	60.26 2.54 0.04	55.02 3.04 0.51	50.25 3.29 0.08	46.99 3.56 -0.05
WEST CANADA___HYD 24049	48.70 0.10 0.00	51.49 0.05 0.00	50.19 0.10 0.00	41.71 0.08 0.00	39.59 0.04 0.00	38.21 0.04 0.00	41.22 0.08 0.00	48.26 0.10 0.00	50.09 0.10 0.00	44.96 0.09 0.00	37.19 0.07 0.00	32.61 0.03 0.00	32.69 0.03 0.00	33.78 0.07 0.00	34.31 0.07 0.00	35.82 0.07 0.00	41.96 0.13 0.00	55.92 0.17 0.00	71.65 0.21 0.00	72.99 0.22 0.00	65.66 0.20 0.00	57.93 0.17 0.00	52.64 0.16 0.00	47.14 0.09 0.00	43.47 0.09 0.00
WESTERN_NY_WIND 24143	47.48 -1.12 0.00	51.54 0.10 0.00	49.49 -0.60 0.00	41.46 -0.17 0.00	39.27 -0.28 0.00	38.51 0.34 0.00	40.69 -0.45 0.00	47.58 -0.58 0.00	47.89 -2.10 0.00	42.63 -2.24 0.00	36.52 -0.59 0.00	31.86 -0.72 0.00	31.91 -0.75 0.00	32.83 -0.88 0.00	33.39 -0.86 0.00	34.25 -1.50 0.00	39.24 -2.59 0.00	53.13 -2.62 0.00	69.01 -2.43 0.00	70.51 -2.26 0.00	62.71 -2.75 0.00	54.81 -2.95 0.00	49.34 -3.15 0.00	45.21 -1.83 0.00	42.56 -0.82 0.00
WESTOVER___LESR 323668	48.89 0.29 0.00	51.96 0.51 0.00	50.49 0.40 0.00	42.00 0.37 0.00	39.90 0.36 0.00	38.63 0.46 0.00	41.47 0.33 0.00	48.59 0.43 0.00	50.19 0.20 0.00	45.00 0.13 0.00	37.45 0.33 0.00	32.84 0.26 0.00	32.92 0.26 0.00	33.94 0.24 0.00	34.48 0.24 0.00	35.85 0.11 0.00	41.79 -0.04 0.00	55.97 0.22 0.00	72.08 0.64 0.00	73.42 0.65 0.00	65.79 0.33 0.00	57.93 0.17 0.00	52.49 0.00 0.00	47.23 0.19 0.00	43.65 0.26 0.00
WETHRSFD_WT_PWR 323626	47.09 -1.51 0.00	51.08 -0.36 0.00	49.09 -1.00 0.00	41.12 -0.50 0.00	38.99 -0.55 0.00	38.21 0.04 0.00	40.36 -0.78 0.00	47.00 -1.16 0.00	47.89 -2.10 0.00	42.58 -2.29 0.00	35.70 -1.41 0.00	31.76 -0.81 0.00	31.78 -0.88 0.00	32.73 -0.98 0.00	33.12 -1.13 0.00	34.14 -1.61 0.00	39.11 -2.72 0.00	52.63 -3.12 0.00	68.80 -2.64 0.00	70.37 -2.40 0.00	62.32 -3.14 0.00	54.30 -3.46 0.00	48.39 -4.09 0.00	44.69 -2.35 0.00	41.78 -1.60 0.00
WHAVSTOR_138KV_BK127 55557	50.93 2.33 0.00	53.29 1.85 0.00	52.14 2.05 0.00	43.45 1.83 0.00	41.25 1.70 0.00	39.77 1.60 0.00	42.91 1.77 0.00	50.28 2.12 0.00	52.24 2.25 0.00	47.11 2.24 0.00	38.93 1.82 0.00	34.27 1.69 0.00	34.39 1.73 0.00	35.56 1.85 0.00	36.09 1.85 0.00	37.75 2.00 0.00	44.42 2.59 0.00	58.87 3.12 0.00	75.15 3.71 0.00	76.34 3.57 0.00	68.60 3.14 0.00	60.53 2.77 0.00	55.27 2.78 0.00	49.59 2.54 0.00	45.69 2.30 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	50.93 2.33 0.00	53.29 1.85 0.00	52.14 2.05 0.00	43.45 1.83 0.00	41.25 1.70 0.00	39.77 1.60 0.00	42.91 1.77 0.00	50.28 2.12 0.00	52.24 2.25 0.00	47.11 2.24 0.00	38.93 1.82 0.00	34.27 1.69 0.00	34.39 1.73 0.00	35.56 1.85 0.00	36.09 1.85 0.00	37.75 2.00 0.00	44.42 2.59 0.00	58.87 3.12 0.00	75.15 3.71 0.00	76.34 3.57 0.00	68.60 3.14 0.00	60.53 2.77 0.00	55.27 2.78 0.00	49.59 2.54 0.00	45.69 2.30 0.00
WHITEHAL_115KV_TB1 80871	50.54 1.94 0.00	53.45 2.01 0.00	52.09 2.00 0.00	43.20 1.58 0.00	41.05 1.50 0.00	39.47 1.30 0.00	42.83 1.69 0.00	49.80 1.64 0.00	51.74 1.75 0.00	46.04 1.17 0.00	37.71 0.59 0.00	32.90 0.33 0.00	32.86 0.20 0.00	33.98 0.27 0.00	34.72 0.48 0.00	36.43 0.68 0.00	43.00 1.17 0.00	58.03 2.29 0.00	75.08 3.64 0.00	76.63 3.86 0.00	69.06 3.60 0.00	60.82 3.06 0.00	55.11 2.62 0.00	49.07 2.02 0.00	45.17 1.78 0.00
WHITEPLN_13_KV_LOAD 356215	51.37 2.77 0.00	53.70 2.26 0.00	52.59 2.50 0.00	43.79 2.16 0.00	41.52 1.98 0.00	40.08 1.91 0.00	43.24 2.10 0.00	50.71 2.55 0.00	52.64 2.65 0.00	47.52 2.65 0.00	39.19 2.08 0.00	34.50 1.92 0.00	34.62 1.96 0.00	35.86 2.16 0.00	36.33 2.09 0.00	38.07 2.32 0.00	44.80 2.97 0.00	59.43 3.68 0.00	75.87 4.43 0.00	77.06 4.29 0.00	69.32 3.86 0.00	61.17 3.41 0.00	55.79 3.31 0.00	50.01 2.96 0.00	46.03 2.65 0.00
WM_FLOYD_69_KV_BK2 356380	47.27 0.63 1.96	47.20 -0.57 3.68	47.27 -0.20 2.62	42.78 1.17 0.00	40.57 1.03 0.00	39.23 1.07 0.00	42.53 1.40 0.00	47.21 0.24 1.19	47.95 0.10 2.14	46.43 1.57 0.00	37.70 0.59 0.00	33.75 1.17 0.00	33.90 1.24 0.00	35.22 1.52 0.00	35.92 1.68 0.00	38.17 2.43 0.00	45.06 3.10 -0.14	52.41 1.00 4.34	74.44 3.00 0.00	76.04 3.27 0.00	68.21 2.75 0.00	59.26 1.56 0.06	54.00 2.20 0.69	49.34 2.49 0.20	46.07 2.82 0.13
WOODARD__115KV_TB2 355635	47.68 -0.92 0.00	50.57 -0.87 0.00	49.19 -0.90 0.00	40.87 -0.75 0.00	38.87 -0.67 0.00	37.56 -0.61 0.00	40.40 -0.74 0.00	47.29 -0.87 0.00	48.99 -1.00 0.00	43.97 -0.90 0.00	36.56 -0.56 0.00	32.09 -0.49 0.00	32.17 -0.49 0.00	33.17 -0.54 0.00	33.70 -0.55 0.00	35.10 -0.64 0.00	40.95 -0.88 0.00	54.74 -1.00 0.00	70.30 -1.14 0.00	71.61 -1.16 0.00	64.35 -1.11 0.00	56.72 -1.04 0.00	51.49 -1.00 0.00	46.20 -0.85 0.00	42.69 -0.69 0.00
WOODMERE_69_KV_BK1 55827	52.78 2.43 -1.75	52.51 1.44 0.37	53.89 1.70 -2.10	44.30 2.62 -0.05	42.01 2.41 -0.05	40.63 2.40 -0.05	43.95 2.76 -0.05	51.27 2.02 -1.08	51.90 1.90 -0.01	47.97 3.05 -0.05	39.10 1.93 -0.05	34.91 2.28 -0.05	35.10 2.38 -0.05	36.42 2.66 -0.05	37.11 2.81 -0.05	39.23 3.43 -0.05	48.71 4.31 -2.57	59.59 2.95 -0.88	76.64 5.14 -0.05	78.14 5.31 -0.05	70.10 4.58 -0.05	61.22 3.35 -0.11	56.91 3.78 -0.65	51.86 3.95 -0.86	49.07 4.04 -1.64
YORK___WARBASSE 23770	51.56 2.96 0.00	53.50 2.06 0.00	52.54 2.45 0.00	43.91 2.29 0.00	41.68 2.14 0.00	40.19 2.02 0.00	43.11 1.97 0.00	50.38 2.22 0.00	52.19 2.20 0.00	47.11 2.24 0.01	39.01 1.89 0.00	34.34 1.76 0.00	34.49 1.83 0.00	35.70 1.99 0.00	36.20 1.95 0.00	37.89 2.14 0.00	44.55 2.72 0.00	58.86 3.12 0.01	75.36 3.93 0.01	76.55 3.78 0.01	68.73 3.27 0.01	60.53 2.77 0.01	55.21 2.73 0.01	49.96 2.92 0.00	46.08 2.69 0.00