

Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion										
Generator Data																									05/07/2025			
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00			
59TH STREET_GT_1	24138	38.85	33.95	31.96	30.56	32.59	37.54	48.44	53.95	50.23	47.97	44.76	42.55	41.75	41.26	41.15	43.58	46.59	52.91	58.65	63.15	65.29	53.43	46.06	38.09			
		2.68	2.49	2.42	2.32	2.07	2.16	3.13	3.67	3.85	3.76	3.35	3.22	3.27	3.27	3.26	3.41	3.45	4.19	4.39	5.21	5.06	3.68	3.01	2.43			
		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			
74TH STREET_GT_1	24260	38.70	33.86	31.87	30.48	32.49	37.43	48.26	53.70	50.00	47.79	44.64	42.51	41.67	41.22	41.32	43.73	46.56	52.67	58.94	62.93	65.12	53.64	45.93	37.98			
		2.53	2.39	2.33	2.23	1.98	2.05	2.95	3.42	3.62	3.58	3.23	3.19	3.19	3.23	3.22	3.37	3.41	3.95	4.18	4.98	4.88	3.53	2.88	2.32			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.21	-0.19	-0.01	-0.01	-0.51	-0.01	-0.01	-0.37	0.00	0.00			
74TH STREET_GT_2	24261	38.70	33.86	31.87	30.48	32.49	37.43	48.26	53.70	50.00	47.79	44.64	42.51	41.67	41.22	41.32	43.73	46.56	52.67	58.94	62.93	65.12	53.64	45.93	37.98			
		2.53	2.39	2.33	2.23	1.98	2.05	2.95	3.42	3.62	3.58	3.23	3.19	3.19	3.23	3.22	3.37	3.41	3.95	4.18	4.98	4.88	3.53	2.88	2.32			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.21	-0.19	-0.01	-0.01	-0.51	-0.01	-0.01	-0.37	0.00	0.00			
ADK HUDSON___FALLS	24011	38.09	33.38	31.40	29.94	32.16	37.12	47.67	53.10	48.79	46.33	43.31	40.86	40.02	39.44	39.29	41.93	45.13	51.35	59.29	61.88	64.32	52.63	45.28	37.27			
		1.92	1.92	1.86	1.69	1.65	1.73	2.36	2.82	2.41	2.12	1.90	1.53	1.54	1.44	1.40	1.77	1.98	2.63	3.31	3.94	4.10	2.89	2.24	1.60			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.73	0.00	0.00	0.00	0.00	0.00			
ADK RESOURCE___RCVRY	23798	38.20	33.45	31.46	30.03	32.22	37.22	47.80	53.30	48.88	46.42	43.35	40.90	40.06	39.51	39.37	41.97	45.17	51.40	59.47	62.05	64.62	52.83	45.41	37.34			
		2.02	1.98	1.92	1.78	1.71	1.84	2.49	3.02	2.50	2.21	1.95	1.57	1.58	1.52	1.48	1.81	2.03	2.68	3.52	4.11	4.39	3.09	2.37	1.68			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.69	0.00	0.00	0.00	0.00	0.00			
ADK S GLENS___FALLS	24028	38.09	33.38	31.40	29.94	32.16	37.12	47.67	53.10	48.79	46.33	43.31	40.86	40.02	39.44	39.29	41.93	45.13	51.35	59.29	61.88	64.32	52.63	45.28	37.27			
		1.92	1.92	1.86	1.69	1.65	1.73	2.36	2.82	2.41	2.12	1.90	1.53	1.54	1.44	1.40	1.77	1.98	2.63	3.31	3.94	4.10	2.89	2.24	1.60			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.73	0.00	0.00	0.00	0.00	0.00			
ADK_NYS___DAM	23527	37.65	33.20	31.28	29.89	31.89	36.98	47.17	52.60	48.61	46.51	43.40	41.21	40.36	39.63	39.48	42.21	45.34	51.20	60.01	61.47	63.66	52.18	45.11	36.84			
		1.48	1.73	1.74	1.64	1.37	1.59	1.86	2.31	2.23	2.30	1.99	1.89	1.88	1.63	1.59	2.05	2.20	2.48	2.98	3.53	3.43	2.44	2.07	1.18			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.78	0.00	0.00	0.00	0.00	0.00			
AIR_PRODUCTS___DRP	24190	36.68	32.22	30.34	28.98	31.09	35.77	45.77	51.04	47.03	44.83	41.99	39.88	39.09	38.45	38.35	40.81	43.75	49.50	52.80	59.27	61.37	50.39	43.52	35.95			
		0.51	0.76	0.80	0.73	0.58	0.39	0.45	0.75	0.65	0.62	0.58	0.55	0.62	0.46	0.45	0.64	0.60	0.78	0.92	1.33	1.14	0.65	0.47	0.29			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.37	0.00	0.00	0.00	0.00	0.00			
AKWESSNE_115KV_BK	355683	35.74	31.06	29.07	27.74	30.15	35.38	45.45	50.33	46.20	44.17	41.37	39.44	38.55	38.07	38.01	40.17	43.23	48.67	54.09	57.13	59.51	49.60	43.26	35.81			
		-0.43	-0.41	-0.47	-0.51	-0.37	0.00	0.14	0.05	-0.19	-0.04	-0.04	0.12	0.08	0.08	0.11	0.00	0.09	-0.05	-0.16	-0.81	-0.72	-0.15	0.22	0.14			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY_1_SOLAR	323833	37.33	32.76	30.81	29.43	31.55	36.34	46.49	51.64	47.54	45.18	42.19	39.95	39.13	38.56	38.50	41.01	44.05	49.94	53.71	60.02	62.39	51.19	44.21	36.52			
		1.16	1.29	1.27	1.19	1.04	0.96	1.18	1.36	1.16	0.97	0.78	0.63	0.65	0.57	0.60	0.84	0.91	1.22	1.68	2.08	2.17	1.44	1.16	0.85			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.22	0.00	0.00	0.00	0.00	0.00			
ALBANY_2_SOLAR	323834	37.33	32.73	30.81	29.41	31.55	36.34	46.49	51.64	47.49	45.18	42.19	39.95	39.13	38.56	38.50	41.01	44.05	49.94	53.72	60.02	62.34	51.19	44.21	36.52			
		1.16	1.26	1.27	1.16	1.04	0.96	1.18	1.36	1.11	0.97	0.78	0.63	0.65	0.57	0.60	0.84	0.91	1.22	1.68	2.08	2.11	1.44	1.16	0.85			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.22	0.00	0.00	0.00	0.00	0.00			
ALBANY___1	23571	36.68	32.22	30.34	28.98	31.09	35.77	45.77	51.04	47.03	44.83	41.99	39.88	39.09	38.45	38.35	40.81	43.75	49.50	52.80	59.27	61.37	50.39	43.52	35.95			
		0.51	0.76	0.80	0.73	0.58	0.39	0.45	0.75	0.65	0.62	0.58	0.55	0.62	0.46	0.45	0.64	0.60	0.78	0.92	1.33	1.14	0.65	0.47	0.29			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.37	0.00	0.00	0.00	0.00	0.00			

ALBANY___2 23572	36.68 0.51 0.00	32.22 0.76 0.00	30.34 0.80 0.00	28.98 0.73 0.00	31.09 0.58 0.00	35.77 0.39 0.00	45.77 0.45 0.00	51.04 0.75 0.00	47.03 0.65 0.00	44.83 0.62 0.00	41.99 0.58 0.00	39.88 0.55 0.00	39.09 0.62 0.00	38.45 0.46 0.00	38.35 0.45 0.00	40.81 0.64 0.00	43.75 0.60 0.00	49.50 0.78 0.00	52.80 0.92 2.37	59.27 1.33 0.00	61.37 1.14 0.00	50.39 0.65 0.00	43.52 0.47 0.00	35.95 0.29 0.00
ALBANY___3 23573	36.68 0.51 0.00	32.22 0.76 0.00	30.34 0.80 0.00	28.98 0.73 0.00	31.09 0.58 0.00	35.77 0.39 0.00	45.77 0.45 0.00	51.04 0.75 0.00	47.03 0.65 0.00	44.83 0.62 0.00	41.99 0.58 0.00	39.88 0.55 0.00	39.09 0.62 0.00	38.45 0.46 0.00	38.35 0.45 0.00	40.81 0.64 0.00	43.75 0.60 0.00	49.50 0.78 0.00	52.80 0.92 2.37	59.27 1.33 0.00	61.37 1.14 0.00	50.39 0.65 0.00	43.52 0.47 0.00	35.95 0.29 0.00
ALBANY___4 23574	36.68 0.51 0.00	32.22 0.76 0.00	30.34 0.80 0.00	28.98 0.73 0.00	31.09 0.58 0.00	35.77 0.39 0.00	45.77 0.45 0.00	51.04 0.75 0.00	47.03 0.65 0.00	44.83 0.62 0.00	41.99 0.58 0.00	39.88 0.55 0.00	39.09 0.62 0.00	38.45 0.46 0.00	38.35 0.45 0.00	40.81 0.64 0.00	43.75 0.60 0.00	49.50 0.78 0.00	52.80 0.92 2.37	59.27 1.33 0.00	61.37 1.14 0.00	50.39 0.65 0.00	43.52 0.47 0.00	35.95 0.29 0.00
ALBANY___LFGE 323615	37.00 0.83 0.00	32.50 1.04 0.00	30.57 1.03 0.00	29.21 0.96 0.00	31.30 0.79 0.00	36.09 0.71 0.00	46.17 0.86 0.00	51.49 1.20 0.00	47.45 1.07 0.00	45.27 1.06 0.00	42.36 0.95 0.00	40.19 0.86 0.00	39.40 0.92 0.00	38.68 0.68 0.00	38.57 0.68 0.00	41.09 0.92 0.00	44.01 0.86 0.00	49.79 1.07 0.00	54.26 1.30 1.29	59.85 1.91 0.00	62.03 1.81 0.00	50.89 1.15 0.00	43.95 0.91 0.00	36.27 0.61 0.00
ALCOA_PA_115KV_PL-6C 55860	35.45 -0.72 0.00	30.80 -0.66 0.00	28.83 -0.71 0.00	27.51 -0.73 0.00	29.93 -0.58 0.00	35.17 -0.21 0.00	45.22 -0.09 0.00	49.98 -0.30 0.00	45.87 -0.51 0.00	43.86 -0.35 0.00	41.12 -0.29 0.00	39.17 -0.16 0.00	38.28 -0.19 0.00	37.80 -0.19 0.00	37.74 -0.15 0.00	39.88 -0.28 0.00	42.93 -0.22 0.00	48.28 -0.44 0.00	53.66 -0.60 0.00	56.72 -1.22 0.00	59.02 -1.20 0.00	49.25 -0.50 0.00	43.04 0.00 0.00	35.59 -0.07 0.00
ALCOA_RYNLDS___DRP 24188	35.45 -0.72 0.00	30.80 -0.66 0.00	28.83 -0.71 0.00	27.51 -0.73 0.00	29.93 -0.58 0.00	35.17 -0.21 0.00	45.22 -0.09 0.00	49.98 -0.30 0.00	45.87 -0.51 0.00	43.86 -0.35 0.00	41.12 -0.29 0.00	39.17 -0.16 0.00	38.28 -0.19 0.00	37.80 -0.19 0.00	37.74 -0.15 0.00	39.88 -0.28 0.00	42.93 -0.22 0.00	48.28 -0.44 0.00	53.66 -0.60 0.00	56.72 -1.22 0.00	59.02 -1.20 0.00	49.25 -0.50 0.00	43.04 0.00 0.00	35.59 -0.07 0.00
ALCOA___DSASP 323711	35.45 -0.72 0.00	30.80 -0.66 0.00	28.83 -0.71 0.00	27.51 -0.73 0.00	29.93 -0.58 0.00	35.17 -0.21 0.00	45.22 -0.09 0.00	49.98 -0.30 0.00	45.87 -0.51 0.00	43.86 -0.36 0.00	41.08 -0.33 0.00	39.17 -0.16 0.00	38.29 -0.19 0.00	37.80 -0.19 0.00	37.74 -0.15 0.00	39.89 -0.28 0.00	42.93 -0.21 0.00	48.28 -0.44 0.00	53.66 -0.60 0.00	56.78 -1.16 0.00	59.08 -1.15 0.00	49.25 -0.50 0.00	43.00 -0.04 0.00	35.59 -0.07 0.00
ALLEGHENY___COGEN 23514	38.27 2.10 0.00	32.06 0.60 0.00	29.98 0.44 0.00	28.64 0.40 0.00	30.85 0.34 0.00	35.60 0.21 0.00	45.18 -0.14 0.00	49.88 -0.40 0.00	45.18 -1.21 0.00	42.62 -1.59 0.00	39.88 -1.53 0.00	37.48 -1.85 0.00	36.47 -2.00 0.00	36.06 -1.94 0.00	36.00 -1.89 0.00	38.07 -2.09 0.00	41.02 -2.11 0.01	47.61 -3.55 -2.45	51.26 -2.98 0.01	56.32 -1.62 0.00	59.15 -1.08 0.00	48.15 -1.59 0.00	41.54 -1.51 0.00	36.16 0.50 0.00
ALTAMONT_115KV_TB 2 55880	37.08 0.90 0.00	32.50 1.04 0.00	30.57 1.03 0.00	29.21 0.96 0.00	31.37 0.85 0.00	36.13 0.74 0.00	46.26 0.95 0.00	51.49 1.21 0.00	47.54 1.16 0.00	45.32 1.11 0.00	42.40 0.99 0.00	40.23 0.90 0.00	39.40 0.92 0.00	38.83 0.84 0.00	38.73 0.83 0.00	41.17 1.00 0.00	44.18 1.04 0.00	50.03 1.32 0.00	54.53 1.46 1.18	59.85 1.91 0.00	62.10 1.87 0.00	50.99 1.24 0.00	44.03 0.99 0.00	36.38 0.71 0.00
ALTONA_WT_PWR 323606	35.88 -0.29 0.00	31.25 -0.22 0.00	29.27 -0.27 0.00	27.88 -0.37 0.00	30.27 -0.25 0.00	35.52 0.14 0.00	45.72 0.41 0.00	50.68 0.40 0.00	46.47 0.09 0.00	44.39 0.18 0.00	41.62 0.21 0.00	39.72 0.39 0.00	38.82 0.35 0.00	38.37 0.38 0.00	38.27 0.38 0.00	40.41 0.24 0.00	43.45 0.30 0.00	48.86 0.15 0.00	54.20 -0.05 0.00	57.18 -0.75 0.00	59.39 -0.84 0.00	49.55 -0.20 0.00	43.35 0.30 0.00	35.98 0.32 0.00
AMERICAN_REF_FUEL 24010	35.41 -0.76 0.00	29.74 -1.73 0.00	27.77 -1.77 0.00	26.69 -1.55 0.00	28.62 -1.89 0.00	32.87 -2.51 0.00	41.10 -4.21 0.00	45.36 -4.93 0.00	41.74 -4.64 0.00	39.61 -4.60 0.00	37.60 -3.81 0.00	35.31 -4.01 0.00	34.47 -4.00 0.00	34.04 -3.95 0.00	33.91 -3.98 0.00	35.59 -4.58 0.00	38.22 -4.92 0.01	42.22 -5.90 0.60	48.17 -6.08 0.01	52.55 -5.39 0.00	54.81 -5.42 0.00	44.37 -5.37 0.00	38.61 -4.43 0.00	33.28 -2.39 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	37.55 1.37 0.00	31.21 -0.25 0.00	29.10 -0.44 0.00	27.97 -0.28 0.00	29.99 -0.52 0.00	34.46 -0.92 0.00	43.18 -2.13 0.00	48.07 -2.21 0.00	44.16 -2.23 0.00	41.65 -2.57 0.00	39.59 -1.82 0.00	37.12 -2.20 0.00	36.21 -2.27 0.00	35.75 -2.24 0.00	35.51 -2.39 0.00	37.23 -2.93 0.00	39.90 -3.24 0.01	44.76 -3.46 0.50	50.83 -3.42 0.01	55.62 -2.32 0.00	58.18 -2.05 0.00	47.11 -2.64 0.00	40.89 -2.15 0.00	35.13 -0.53 0.00
ARTHUR KILL_GT_1 23520	38.87 2.68 -0.02	34.01 2.55 0.00	31.96 2.42 0.00	30.56 2.32 0.00	32.56 2.04 0.00	37.43 2.05 0.00	48.15 2.81 -0.03	53.00 2.72 0.00	49.77 3.39 0.00	47.31 3.05 -0.05	44.19 2.73 -0.05	44.58 2.83 -2.42	47.86 2.85 -6.53	48.54 2.89 -7.65	48.11 2.92 -7.30	48.54 3.05 -5.32	49.09 3.06 -2.88	52.26 3.51 -0.03	58.24 3.47 -0.51	62.17 4.23 0.00	64.33 4.10 0.00	53.41 3.28 -0.38	45.46 2.37 -0.05	38.11 2.43 -0.02
ARTHUR_KILL_2 23512	38.76 2.57 -0.02	33.92 2.46 0.00	31.90 2.36 0.00	30.51 2.26 0.00	32.56 2.04 0.00	37.33 1.94 0.00	48.06 2.72 -0.03	52.84 2.56 0.00	49.63 3.25 0.00	47.22 2.96 -0.05	44.11 2.65 -0.05	44.46 2.71 -2.42	47.78 2.77 -6.53	48.42 2.77 -7.65	48.00 2.80 -7.30	48.42 2.93 -5.32	49.00 2.97 -2.88	52.07 3.31 -0.03	58.07 3.31 -0.51	61.99 4.05 0.00	64.27 4.04 0.00	53.27 3.14 -0.38	45.41 2.32 -0.05	38.00 2.32 -0.02
ARTHUR_KILL_3 23513	38.39 2.21 -0.01	33.61 2.14 0.00	31.64 2.10 0.00	30.25 2.01 0.00	32.31 1.80 0.00	37.12 1.73 0.00	47.92 2.58 -0.02	53.30 3.02 0.00	49.63 3.25 0.00	47.48 3.23 -0.04	44.34 2.90 -0.04	44.61 2.87 -2.41	47.93 2.92 -6.53	48.57 2.93 -7.65	48.10 2.92 -7.29	48.53 3.05 -5.32	49.08 3.06 -2.87	52.20 3.46 -0.02	57.83 3.58 0.00	62.34 4.40 0.00	64.69 4.46 0.00	52.84 3.09 -0.01	45.80 2.71 -0.04	37.71 2.03 -0.01

ARTHUR_KILL_COGEN 323718	38.87 2.68 -0.02	34.01 2.55 0.00	31.96 2.42 0.00	30.56 2.32 0.00	32.61 2.10 0.00	37.43 2.05 0.00	48.15 2.81 -0.03	52.99 2.71 0.00	49.77 3.38 0.00	47.31 3.05 -0.05	44.19 2.73 -0.05	44.58 2.83 -2.42	47.86 2.85 -6.53	48.53 2.89 -7.65	48.07 2.88 -7.30	48.54 3.05 -5.32	49.09 3.06 -2.88	52.21 3.46 -0.03	58.24 3.48 -0.51	62.17 4.23 0.00	64.51 4.28 0.00	53.41 3.28 -0.38	45.54 2.45 -0.05	38.11 2.43 -0.02
ASHOKAN____ 23654	37.84 1.66 0.00	33.16 1.70 0.00	31.16 1.62 0.00	29.83 1.58 0.00	31.89 1.37 0.00	36.76 1.38 0.00	47.21 1.90 0.00	51.89 1.61 0.00	47.73 1.35 0.00	45.23 1.02 0.00	42.15 0.75 0.00	39.92 0.59 0.00	39.02 0.54 0.00	38.49 0.49 0.00	38.50 0.60 0.00	40.85 0.68 0.00	43.83 0.69 0.00	50.13 1.41 0.00	55.78 3.25 1.72	60.89 2.95 0.00	62.82 2.59 0.00	51.44 1.69 0.00	44.51 1.46 0.00	36.84 1.18 0.00
ASTORIA_EAST_ENERGY_CC1 323581	38.81 2.64 0.00	33.89 2.42 0.00	32.06 2.51 -0.01	30.66 2.40 -0.01	32.52 2.01 0.00	37.12 1.73 0.00	47.84 2.54 0.01	53.24 2.97 0.01	49.57 3.20 0.01	47.34 3.14 0.01	44.22 2.82 0.01	42.11 2.79 0.01	41.28 2.81 0.01	40.80 2.81 0.01	42.03 2.84 -1.29	44.28 2.97 -1.15	46.17 2.97 -0.05	52.40 3.66 -0.03	60.70 3.31 -3.14	61.98 3.99 -0.05	64.31 4.04 -0.05	54.87 2.88 -2.24	45.58 2.54 0.00	37.73 2.07 0.00
ASTORIA_EAST_ENERGY_CC2 323582	38.81 2.64 0.00	33.89 2.42 0.00	32.06 2.51 -0.01	30.66 2.40 -0.01	32.52 2.01 0.00	37.12 1.73 0.00	47.84 2.54 0.01	53.24 2.97 0.01	49.57 3.20 0.01	47.34 3.14 0.01	44.22 2.82 0.01	42.11 2.79 0.01	41.28 2.81 0.01	40.80 2.81 0.01	42.03 2.84 -1.29	44.28 2.97 -1.15	46.17 2.97 -0.05	52.40 3.66 -0.03	60.70 3.31 -3.14	61.98 3.99 -0.05	64.31 4.04 -0.05	54.87 2.88 -2.24	45.58 2.54 0.00	37.73 2.07 0.00
ASTORIA_GT2_1 24094	38.85 2.68 0.00	33.89 2.42 0.00	32.05 2.51 0.00	30.68 2.43 0.00	32.46 1.95 0.00	37.12 1.73 0.00	47.89 2.58 0.00	53.25 2.97 0.00	49.63 3.25 0.00	47.40 3.18 0.00	44.22 2.82 0.00	42.12 2.79 0.00	41.32 2.85 0.00	40.84 2.85 0.00	42.03 2.84 -1.30	44.29 2.97 -1.16	46.22 3.02 -0.06	52.50 3.75 -0.03	60.60 3.20 -3.14	62.04 4.06 -0.05	64.13 3.85 -0.05	54.73 2.74 -2.25	45.50 2.45 0.00	37.73 2.07 0.00
ASTORIA_GT2_2 24095	38.85 2.68 0.00	33.89 2.42 0.00	32.05 2.51 0.00	30.68 2.43 0.00	32.46 1.95 0.00	37.12 1.73 0.00	47.89 2.58 0.00	53.25 2.97 0.00	49.63 3.25 0.00	47.40 3.18 0.00	44.22 2.82 0.00	42.12 2.79 0.00	41.32 2.85 0.00	40.84 2.85 0.00	42.03 2.84 -1.30	44.29 2.97 -1.16	46.22 3.02 -0.06	52.50 3.75 -0.03	60.60 3.20 -3.14	62.04 4.06 -0.05	64.13 3.85 -0.05	54.73 2.74 -2.25	45.50 2.45 0.00	37.73 2.07 0.00
ASTORIA_GT2_3 24096	38.85 2.68 0.00	33.89 2.42 0.00	32.05 2.51 0.00	30.68 2.43 0.00	32.46 1.95 0.00	37.12 1.73 0.00	47.89 2.58 0.00	53.25 2.97 0.00	49.63 3.25 0.00	47.40 3.18 0.00	44.22 2.82 0.00	42.12 2.79 0.00	41.32 2.85 0.00	40.84 2.85 0.00	42.03 2.84 -1.30	44.29 2.97 -1.16	46.22 3.02 -0.06	52.50 3.75 -0.03	60.60 3.20 -3.14	62.04 4.06 -0.05	64.13 3.85 -0.05	54.73 2.74 -2.25	45.50 2.45 0.00	37.73 2.07 0.00
ASTORIA_GT2_4 24097	38.85 2.68 0.00	33.89 2.42 0.00	32.05 2.51 0.00	30.68 2.43 0.00	32.46 1.95 0.00	37.12 1.73 0.00	47.89 2.58 0.00	53.25 2.97 0.00	49.63 3.25 0.00	47.40 3.18 0.00	44.22 2.82 0.00	42.12 2.79 0.00	41.32 2.85 0.00	40.84 2.85 0.00	42.03 2.84 -1.30	44.29 2.97 -1.16	46.22 3.02 -0.06	52.50 3.75 -0.03	60.60 3.20 -3.14	62.04 4.06 -0.05	64.13 3.85 -0.05	54.73 2.74 -2.25	45.50 2.45 0.00	37.73 2.07 0.00
ASTORIA_GT3_1 24098	38.85 2.68 0.00	33.89 2.42 0.00	32.05 2.51 0.00	30.68 2.43 0.00	32.46 1.95 0.00	37.12 1.73 0.00	47.89 2.58 0.00	53.25 2.97 0.00	49.63 3.25 0.00	47.40 3.18 0.00	44.22 2.82 0.00	42.12 2.79 0.00	41.32 2.85 0.00	40.84 2.85 0.00	42.03 2.84 -1.30	44.29 2.97 -1.16	46.22 3.02 -0.06	52.50 3.75 -0.03	60.60 3.20 -3.14	62.04 4.06 -0.05	64.13 3.85 -0.05	54.73 2.74 -2.25	45.50 2.45 0.00	37.73 2.07 0.00
ASTORIA_GT3_2 24099	38.85 2.68 0.00	33.89 2.42 0.00	32.05 2.51 0.00	30.68 2.43 0.00	32.46 1.95 0.00	37.12 1.73 0.00	47.89 2.58 0.00	53.25 2.97 0.00	49.63 3.25 0.00	47.40 3.18 0.00	44.22 2.82 0.00	42.12 2.79 0.00	41.32 2.85 0.00	40.84 2.85 0.00	42.03 2.84 -1.30	44.29 2.97 -1.16	46.22 3.02 -0.06	52.50 3.75 -0.03	60.60 3.20 -3.14	62.04 4.06 -0.05	64.13 3.85 -0.05	54.73 2.74 -2.25	45.50 2.45 0.00	37.73 2.07 0.00
ASTORIA_GT3_3 24100	38.85 2.68 0.00	33.89 2.42 0.00	32.05 2.51 0.00	30.68 2.43 0.00	32.46 1.95 0.00	37.12 1.73 0.00	47.89 2.58 0.00	53.25 2.97 0.00	49.63 3.25 0.00	47.40 3.18 0.00	44.22 2.82 0.00	42.12 2.79 0.00	41.32 2.85 0.00	40.84 2.85 0.00	42.03 2.84 -1.30	44.29 2.97 -1.16	46.22 3.02 -0.06	52.50 3.75 -0.03	60.60 3.20 -3.14	62.04 4.06 -0.05	64.13 3.85 -0.05	54.73 2.74 -2.25	45.50 2.45 0.00	37.73 2.07 0.00
ASTORIA_GT3_4 24101	38.85 2.68 0.00	33.89 2.42 0.00	32.05 2.51 0.00	30.68 2.43 0.00	32.46 1.95 0.00	37.12 1.73 0.00	47.89 2.58 0.00	53.25 2.97 0.00	49.63 3.25 0.00	47.40 3.18 0.00	44.22 2.82 0.00	42.12 2.79 0.00	41.32 2.85 0.00	40.84 2.85 0.00	42.03 2.84 -1.30	44.29 2.97 -1.16	46.22 3.02 -0.06	52.50 3.75 -0.03	60.60 3.20 -3.14	62.04 4.06 -0.05	64.13 3.85 -0.05	54.73 2.74 -2.25	45.50 2.45 0.00	37.73 2.07 0.00
ASTORIA_GT4_1 24102	38.85 2.68 0.00	33.89 2.42 0.00	32.05 2.51 0.00	30.68 2.43 0.00	32.46 1.95 0.00	37.12 1.73 0.00	47.89 2.58 0.00	53.25 2.97 0.00	49.63 3.25 0.00	47.40 3.18 0.00	44.22 2.82 0.00	42.12 2.79 0.00	41.32 2.85 0.00	40.84 2.85 0.00	42.03 2.84 -1.30	44.29 2.97 -1.16	46.22 3.02 -0.06	52.50 3.75 -0.03	60.60 3.20 -3.14	62.04 4.06 -0.05	64.13 3.85 -0.05	54.73 2.74 -2.25	45.50 2.45 0.00	37.73 2.07 0.00
ASTORIA_GT4_2 24103	38.85 2.68 0.00	33.89 2.42 0.00	32.05 2.51 0.00	30.68 2.43 0.00	32.46 1.95 0.00	37.12 1.73 0.00	47.89 2.58 0.00	53.25 2.97 0.00	49.63 3.25 0.00	47.40 3.18 0.00	44.22 2.82 0.00	42.12 2.79 0.00	41.32 2.85 0.00	40.84 2.85 0.00	42.03 2.84 -1.30	44.29 2.97 -1.16	46.22 3.02 -0.06	52.50 3.75 -0.03	60.60 3.20 -3.14	62.04 4.06 -0.05	64.13 3.85 -0.05	54.73 2.74 -2.25	45.50 2.45 0.00	37.73 2.07 0.00
ASTORIA_GT4_3 24104	38.85 2.68 0.00	33.89 2.42 0.00	32.05 2.51 0.00	30.68 2.43 0.00	32.46 1.95 0.00	37.12 1.73 0.00	47.89 2.58 0.00	53.25 2.97 0.00	49.63 3.25 0.00	47.40 3.18 0.00	44.22 2.82 0.00	42.12 2.79 0.00	41.32 2.85 0.00	40.84 2.85 0.00	42.03 2.84 -1.30	44.29 2.97 -1.16	46.22 3.02 -0.06	52.50 3.75 -0.03	60.60 3.20 -3.14	62.04 4.06 -0.05	64.13 3.85 -0.05	54.73 2.74 -2.25	45.50 2.45 0.00	37.73 2.07 0.00

ASTORIA_GT4_4 24105	38.85 2.68 0.00	33.89 2.42 0.00	32.05 2.51 0.00	30.68 2.43 0.00	32.46 1.95 0.00	37.12 1.73 0.00	47.89 2.58 0.00	53.25 2.97 0.00	49.63 3.25 0.00	47.40 3.18 0.00	44.22 2.82 0.00	42.12 2.79 0.00	41.32 2.85 0.00	40.84 2.85 0.00	42.03 2.84 -1.30	44.29 2.97 -1.16	46.22 3.02 -0.06	52.50 3.75 -0.03	60.60 3.20 -3.14	62.04 4.06 -0.05	64.13 3.85 -0.05	54.73 2.74 -2.25	45.50 2.45 0.00	37.73 2.07 0.00
ASTORIA_GT_1 23523	38.88 2.71 0.00	33.95 2.49 0.00	32.11 2.57 0.00	30.71 2.46 0.00	32.49 1.98 0.00	37.19 1.80 0.00	47.94 2.63 0.00	53.35 3.07 0.00	49.67 3.29 0.00	47.48 3.27 0.00	44.31 2.90 0.00	42.20 2.87 0.00	41.40 2.92 0.00	40.92 2.93 0.00	42.11 2.92 -1.30	44.37 3.05 -1.16	46.31 3.11 -0.06	52.60 3.85 -0.03	60.71 3.31 -3.14	62.16 4.17 -0.05	64.25 3.98 -0.05	54.83 2.84 -2.25	45.58 2.54 0.00	37.80 2.14 0.00
ASTORIA_GT_10 24110	38.52 2.35 0.00	33.73 2.27 0.00	31.75 2.22 0.00	30.37 2.12 0.00	32.37 1.86 0.00	37.22 1.84 0.00	47.99 2.67 0.00	53.30 3.02 0.00	49.77 3.39 0.00	47.53 3.32 0.00	44.39 2.98 0.00	42.35 3.03 0.00	41.56 3.08 0.00	41.07 3.08 0.00	41.00 3.11 0.00	43.38 3.21 0.00	46.42 3.28 0.00	52.33 3.61 -0.01	58.58 3.58 -0.75	62.23 4.29 -0.01	64.39 4.16 -0.01	53.42 3.13 -0.54	45.63 2.58 0.00	37.84 2.18 0.00
ASTORIA_GT_11 24225	38.52 2.35 0.00	33.73 2.27 0.00	31.75 2.22 0.00	30.37 2.12 0.00	32.37 1.86 0.00	37.22 1.84 0.00	47.99 2.67 0.00	53.30 3.02 0.00	49.77 3.39 0.00	47.53 3.32 0.00	44.39 2.98 0.00	42.35 3.03 0.00	41.56 3.08 0.00	41.07 3.08 0.00	41.00 3.11 0.00	43.38 3.21 0.00	46.42 3.28 0.00	52.33 3.61 -0.01	58.58 3.58 -0.75	62.23 4.29 -0.01	64.39 4.16 -0.01	53.42 3.13 -0.54	45.63 2.58 0.00	37.84 2.18 0.00
ASTORIA_GT_12 24226	38.52 2.35 0.00	33.73 2.27 0.00	31.75 2.22 0.00	30.37 2.12 0.00	32.37 1.86 0.00	37.22 1.84 0.00	47.99 2.67 0.00	53.30 3.02 0.00	49.77 3.39 0.00	47.53 3.32 0.00	44.39 2.98 0.00	42.35 3.03 0.00	41.56 3.08 0.00	41.07 3.08 0.00	41.00 3.11 0.00	43.38 3.21 0.00	46.42 3.28 0.00	52.33 3.61 -0.01	58.58 3.58 -0.75	62.23 4.29 -0.01	64.39 4.16 -0.01	53.42 3.13 -0.54	45.63 2.58 0.00	37.84 2.18 0.00
ASTORIA_GT_13 24227	38.52 2.35 0.00	33.73 2.27 0.00	31.75 2.22 0.00	30.37 2.12 0.00	32.37 1.86 0.00	37.22 1.84 0.00	47.99 2.67 0.00	53.30 3.02 0.00	49.77 3.39 0.00	47.53 3.32 0.00	44.39 2.98 0.00	42.35 3.03 0.00	41.56 3.08 0.00	41.07 3.08 0.00	41.00 3.11 0.00	43.38 3.21 0.00	46.42 3.28 0.00	52.33 3.61 -0.01	58.58 3.58 -0.75	62.23 4.29 -0.01	64.39 4.16 -0.01	53.42 3.13 -0.54	45.63 2.58 0.00	37.84 2.18 0.00
ASTORIA_GT_5 24106	38.88 2.71 0.00	33.95 2.49 0.00	32.11 2.57 0.00	30.71 2.46 0.00	32.49 1.98 0.00	37.19 1.80 0.00	47.94 2.63 0.00	53.35 3.07 0.00	49.67 3.29 0.00	47.48 3.27 0.00	44.31 2.90 0.00	42.20 2.87 0.00	41.40 2.92 0.00	40.92 2.93 0.00	42.11 2.92 -1.30	44.37 3.05 -1.16	46.31 3.11 -0.06	52.60 3.85 -0.03	60.71 3.31 -3.14	62.16 4.17 -0.05	64.25 3.98 -0.05	54.83 2.84 -2.25	45.58 2.54 0.00	37.80 2.14 0.00
ASTORIA_GT_7 24107	38.88 2.71 0.00	33.95 2.49 0.00	32.11 2.57 0.00	30.71 2.46 0.00	32.49 1.98 0.00	37.19 1.80 0.00	47.94 2.63 0.00	53.35 3.07 0.00	49.67 3.29 0.00	47.48 3.27 0.00	44.31 2.90 0.00	42.20 2.87 0.00	41.40 2.92 0.00	40.92 2.93 0.00	42.11 2.92 -1.30	44.37 3.05 -1.16	46.31 3.11 -0.06	52.60 3.85 -0.03	60.71 3.31 -3.14	62.16 4.17 -0.05	64.25 3.98 -0.05	54.83 2.84 -2.25	45.58 2.54 0.00	37.80 2.14 0.00
ASTORIA_GT_8 24108	38.88 2.71 0.00	33.95 2.49 0.00	32.11 2.57 0.00	30.71 2.46 0.00	32.49 1.98 0.00	37.19 1.80 0.00	47.94 2.63 0.00	53.35 3.07 0.00	49.67 3.29 0.00	47.48 3.27 0.00	44.31 2.90 0.00	42.20 2.87 0.00	41.40 2.92 0.00	40.92 2.93 0.00	42.11 2.92 -1.30	44.37 3.05 -1.16	46.31 3.11 -0.06	52.60 3.85 -0.03	60.71 3.31 -3.14	62.16 4.17 -0.05	64.25 3.98 -0.05	54.83 2.84 -2.25	45.58 2.54 0.00	37.80 2.14 0.00
ASTORIA___2 24149	38.85 2.68 0.00	33.89 2.42 0.00	32.06 2.51 -0.01	30.69 2.43 -0.01	32.56 2.04 0.00	37.12 1.73 0.00	47.89 2.58 0.01	53.24 2.97 0.01	49.62 3.25 0.01	47.39 3.19 0.01	44.22 2.82 0.01	42.11 2.79 0.01	41.32 2.85 0.01	40.84 2.85 0.01	42.03 2.84 -1.29	44.28 2.97 -1.15	46.21 3.02 -0.05	52.45 3.70 -0.03	60.70 3.31 -3.14	62.04 4.05 -0.05	64.31 4.04 -0.05	54.92 2.93 -2.24	45.58 2.54 0.00	37.73 2.07 0.00
ASTORIA___3 23516	38.52 2.35 0.00	33.73 2.27 0.00	31.75 2.22 0.00	30.37 2.12 0.00	32.40 1.89 0.00	37.22 1.84 0.00	47.98 2.67 0.00	53.25 2.97 0.00	49.77 3.38 0.00	47.53 3.32 0.00	44.39 2.98 0.00	42.35 3.03 0.00	41.56 3.08 0.00	41.07 3.08 0.00	41.00 3.11 0.00	43.42 3.25 0.00	46.38 3.24 0.00	52.28 3.55 -0.01	58.58 3.58 -0.75	62.23 4.29 -0.01	64.57 4.34 -0.01	53.42 3.14 -0.54	45.71 2.67 0.00	37.84 2.18 0.00
ASTORIA___4 23517	38.52 2.35 0.00	33.73 2.27 0.00	31.75 2.22 0.00	30.37 2.12 0.00	32.37 1.86 0.00	37.22 1.84 0.00	47.99 2.67 0.00	53.30 3.02 0.00	49.77 3.39 0.00	47.53 3.32 0.00	44.39 2.98 0.00	42.35 3.03 0.00	41.56 3.08 0.00	41.07 3.08 0.00	41.00 3.11 0.00	43.38 3.21 0.00	46.42 3.28 0.00	52.33 3.61 -0.01	58.58 3.58 -0.75	62.23 4.29 -0.01	64.39 4.16 -0.01	53.42 3.13 -0.54	45.63 2.58 0.00	37.84 2.18 0.00
ASTORIA___5 23518	38.52 2.35 0.00	33.73 2.27 0.00	31.75 2.22 0.00	30.37 2.12 0.00	32.40 1.89 0.00	37.22 1.84 0.00	47.98 2.67 0.00	53.25 2.97 0.00	49.77 3.38 0.00	47.53 3.32 0.00	44.39 2.98 0.00	42.35 3.03 0.00	41.56 3.08 0.00	41.07 3.08 0.00	41.00 3.11 0.00	43.42 3.25 0.00	46.38 3.24 0.00	52.28 3.55 -0.01	58.58 3.58 -0.75	62.23 4.29 -0.01	64.57 4.34 -0.01	53.42 3.14 -0.54	45.71 2.67 0.00	37.84 2.18 0.00
AST_ENERGY_2_CC3 323677	37.55 2.35 0.97	33.70 2.23 0.00	31.75 2.22 0.00	30.39 2.15 0.00	32.40 1.89 0.00	37.19 1.80 0.00	41.03 2.63 6.91	45.77 3.07 7.58	40.32 3.29 9.36	38.90 3.23 8.54	39.33 2.90 4.98	39.33 2.87 2.86	39.33 2.89 2.03	39.33 2.93 1.59	39.33 2.92 1.48	39.33 3.05 3.89	41.71 3.06 4.50	39.33 3.51 12.90	43.65 3.74 14.34	47.97 4.58 14.54	50.13 4.64 14.74	48.59 3.23 4.39	43.31 2.71 2.45	37.80 2.14 0.00
AST_ENERGY_2_CC4 323678	37.55 2.35 0.97	33.70 2.23 0.00	31.75 2.22 0.00	30.39 2.15 0.00	32.40 1.89 0.00	37.19 1.80 0.00	41.03 2.63 6.91	45.77 3.07 7.58	40.32 3.29 9.36	38.90 3.23 8.54	39.33 2.90 4.98	39.33 2.87 2.86	39.33 2.89 2.03	39.33 2.93 1.59	39.33 2.92 1.48	39.33 3.05 3.89	41.71 3.06 4.50	39.33 3.51 12.90	43.65 3.74 14.34	47.97 4.58 14.54	50.13 4.64 14.74	48.59 3.23 4.39	43.31 2.71 2.45	37.80 2.14 0.00

ATHENS_STG_1 23668	37.26 1.08 0.00	32.69 1.23 0.00	30.78 1.24 0.00	29.41 1.16 0.00	31.52 1.01 0.00	36.23 0.85 0.00	46.49 1.18 0.00	51.69 1.41 0.00	47.87 1.48 0.00	45.63 1.41 0.00	42.65 1.24 0.00	40.55 1.22 0.00	39.71 1.23 0.00	39.21 1.22 0.00	39.10 1.21 0.00	41.53 1.37 0.00	44.48 1.34 0.00	50.38 1.66 0.00	56.04 1.79 0.00	60.26 2.32 0.00	62.52 2.29 0.00	51.24 1.49 0.00	44.25 1.20 0.00	36.56 0.89 0.00
ATHENS_STG_2 23670	37.26 1.08 0.00	32.69 1.23 0.00	30.78 1.24 0.00	29.41 1.16 0.00	31.52 1.01 0.00	36.23 0.85 0.00	46.49 1.18 0.00	51.69 1.41 0.00	47.87 1.48 0.00	45.63 1.41 0.00	42.65 1.24 0.00	40.55 1.22 0.00	39.71 1.23 0.00	39.21 1.22 0.00	39.10 1.21 0.00	41.53 1.37 0.00	44.48 1.34 0.00	50.38 1.66 0.00	56.04 1.79 0.00	60.26 2.32 0.00	62.52 2.29 0.00	51.24 1.49 0.00	44.25 1.20 0.00	36.56 0.89 0.00
ATHENS_STG_3 23677	37.26 1.08 0.00	32.69 1.23 0.00	30.78 1.24 0.00	29.41 1.16 0.00	31.52 1.01 0.00	36.23 0.85 0.00	46.49 1.18 0.00	51.69 1.41 0.00	47.87 1.48 0.00	45.63 1.41 0.00	42.65 1.24 0.00	40.55 1.22 0.00	39.71 1.23 0.00	39.21 1.22 0.00	39.10 1.21 0.00	41.53 1.37 0.00	44.48 1.34 0.00	50.38 1.66 0.00	56.04 1.79 0.00	60.26 2.32 0.00	62.52 2.29 0.00	51.24 1.49 0.00	44.25 1.20 0.00	36.56 0.89 0.00
AUBURN____LFGE 323710	36.42 0.25 0.00	31.40 -0.06 0.00	29.39 -0.15 0.00	28.14 -0.11 0.00	30.30 -0.21 0.00	35.06 -0.32 0.00	44.95 -0.36 0.00	49.78 -0.50 0.00	45.82 -0.56 0.00	43.59 -0.62 0.00	40.83 -0.58 0.00	38.70 -0.63 0.00	37.90 -0.58 0.00	37.46 -0.53 0.00	37.36 -0.53 0.00	39.56 -0.60 0.00	42.50 -0.65 0.00	47.94 -0.78 0.00	53.66 -0.60 0.00	57.76 -0.17 0.00	60.23 0.00 0.00	49.45 -0.30 0.00	42.61 -0.43 0.00	35.34 -0.32 0.00
BABYLON_RES_REC 323704	44.97 3.26 -5.54	39.09 2.83 -4.79	33.07 2.78 -0.75	30.94 2.68 -0.01	33.05 2.53 -0.01	38.01 2.62 -0.01	48.77 3.44 -0.01	54.16 3.87 0.00	50.10 3.71 -0.01	47.80 3.58 -0.01	45.93 2.77 -1.75	45.71 2.68 -3.71	45.33 2.77 -4.08	43.93 2.81 -3.12	48.10 2.39 -7.82	49.24 2.69 -6.38	57.02 2.68 -11.20	69.13 3.07 -17.34	67.70 3.64 -9.82	77.28 4.46 -14.88	81.40 4.46 -16.71	61.46 3.09 -8.63	45.91 2.76 -0.11	42.00 2.93 -3.41
BALL_HILL_WT_PWR 323825	36.86 0.69 0.00	30.84 -0.63 0.00	28.77 -0.77 0.00	27.65 -0.59 0.00	29.66 -0.85 0.00	34.07 -1.31 0.00	42.68 -2.63 0.00	47.31 -2.97 0.00	43.46 -2.92 0.00	41.16 -3.05 0.00	39.05 -2.36 0.00	36.69 -2.63 0.00	35.82 -2.65 0.00	35.37 -2.62 0.00	35.20 -2.69 0.00	36.99 -3.17 0.00	39.64 -3.49 0.01	44.24 -3.80 0.68	50.29 -3.96 0.01	54.92 -3.02 0.00	57.40 -2.83 0.00	46.46 -3.28 0.00	40.29 -2.76 0.00	34.60 -1.07 0.00
BARON_WINDS____WT_PWR 323822	36.82 0.65 0.00	31.28 -0.19 0.00	29.24 -0.30 0.00	28.02 -0.23 0.00	30.08 -0.43 0.00	34.60 -0.78 0.00	43.82 -1.49 0.00	48.42 -1.86 0.00	44.20 -2.18 0.00	41.87 -2.34 0.00	39.50 -1.90 0.00	37.20 -2.12 0.00	36.29 -2.19 0.00	35.87 -2.13 0.00	35.69 -2.20 0.00	37.71 -2.45 0.00	40.45 -2.67 0.02	41.81 -2.87 4.04	51.47 -2.76 0.02	56.20 -1.74 0.00	58.85 -1.38 0.00	48.00 -1.74 0.00	41.50 -1.55 0.00	35.13 -0.53 0.00
BARRETT_IC_1 23704	52.83 3.00 -13.66	46.32 3.05 -11.80	34.41 3.01 -1.85	31.16 2.88 -0.03	33.29 2.75 -0.03	38.31 2.90 -0.03	49.01 3.67 -0.03	54.26 3.97 -0.01	50.59 4.18 -0.03	48.35 4.11 -0.03	48.91 3.19 -4.31	51.57 3.11 -9.14	51.57 3.04 -10.05	48.81 3.12 -7.70	70.73 3.03 -29.80	68.47 3.21 -25.09	69.03 3.32 -22.57	95.56 3.85 -43.00	103.15 3.80 -45.10	91.85 4.69 -29.22	97.76 4.76 -32.78	92.79 3.33 -39.71	46.88 3.57 -0.27	46.88 2.82 -8.40
BARRETT_IC_10 23701	52.83 3.00 -13.66	46.32 3.05 -11.80	34.41 3.01 -1.85	31.16 2.88 -0.03	33.29 2.75 -0.03	38.31 2.90 -0.03	49.01 3.67 -0.03	54.26 3.97 -0.01	50.59 4.18 -0.03	48.35 4.11 -0.03	48.91 3.19 -4.31	51.57 3.11 -9.14	51.57 3.04 -10.05	48.81 3.12 -7.70	51.73 3.03 -10.81	51.57 3.21 -8.19	55.45 3.32 -8.99	95.11 3.85 -42.54	56.39 3.80 1.66	72.61 4.69 -9.98	76.32 4.76 -11.34	59.55 3.33 -6.47	46.88 3.57 -0.27	46.88 2.82 -8.40
BARRETT_IC_11 23702	52.83 3.00 -13.66	46.32 3.05 -11.80	34.41 3.01 -1.85	31.16 2.88 -0.03	33.29 2.75 -0.03	38.31 2.90 -0.03	49.01 3.67 -0.03	54.26 3.97 -0.01	50.59 4.18 -0.03	48.35 4.11 -0.03	48.91 3.19 -4.31	51.57 3.11 -9.14	51.57 3.04 -10.05	48.81 3.12 -7.70	51.73 3.03 -10.81	51.57 3.21 -8.19	55.45 3.32 -8.99	95.11 3.85 -42.54	56.39 3.80 1.66	72.61 4.69 -9.98	76.32 4.76 -11.34	59.55 3.33 -6.47	46.88 3.57 -0.27	46.88 2.82 -8.40
BARRETT_IC_12 23703	52.83 3.00 -13.66	46.32 3.05 -11.80	34.41 3.01 -1.85	31.16 2.88 -0.03	33.29 2.75 -0.03	38.31 2.90 -0.03	49.01 3.67 -0.03	54.26 3.97 -0.01	50.59 4.18 -0.03	48.35 4.11 -0.03	48.91 3.19 -4.31	51.57 3.11 -9.14	51.57 3.04 -10.05	48.81 3.12 -7.70	51.73 3.03 -10.81	51.57 3.21 -8.19	55.45 3.32 -8.99	95.11 3.85 -42.54	56.39 3.80 1.66	72.61 4.69 -9.98	76.32 4.76 -11.34	59.55 3.33 -6.47	46.88 3.57 -0.27	46.88 2.82 -8.40
BARRETT_IC_2 23705	52.83 3.00 -13.66	46.32 3.05 -11.80	34.41 3.01 -1.85	31.16 2.88 -0.03	33.29 2.75 -0.03	38.31 2.90 -0.03	49.01 3.67 -0.03	54.26 3.97 -0.01	50.59 4.18 -0.03	48.35 4.11 -0.03	48.91 3.19 -4.31	51.57 3.11 -9.14	51.57 3.04 -10.05	48.81 3.12 -7.70	70.73 3.03 -29.80	68.47 3.21 -25.09	69.03 3.32 -22.57	95.56 3.85 -43.00	103.15 3.80 -45.10	91.85 4.69 -29.22	97.76 4.76 -32.78	92.79 3.33 -39.71	46.88 3.57 -0.27	46.88 2.82 -8.40
BARRETT_IC_3 23706	52.83 3.00 -13.66	46.32 3.05 -11.80	34.41 3.01 -1.85	31.16 2.88 -0.03	33.29 2.75 -0.03	38.31 2.90 -0.03	49.01 3.67 -0.03	54.26 3.97 -0.01	50.59 4.18 -0.03	48.35 4.11 -0.03	48.91 3.19 -4.31	51.57 3.11 -9.14	51.57 3.04 -10.05	48.81 3.12 -7.70	70.73 3.03 -29.80	68.47 3.21 -25.09	69.03 3.32 -22.57	95.56 3.85 -43.00	103.15 3.80 -45.10	91.85 4.69 -29.22	97.76 4.76 -32.78	92.79 3.33 -39.71	46.88 3.57 -0.27	46.88 2.82 -8.40
BARRETT_IC_4 23707	52.83 3.00 -13.66	46.32 3.05 -11.80	34.41 3.01 -1.85	31.16 2.88 -0.03	33.29 2.75 -0.03	38.31 2.90 -0.03	49.01 3.67 -0.03	54.26 3.97 -0.01	50.59 4.18 -0.03	48.35 4.11 -0.03	48.91 3.19 -4.31	51.57 3.11 -9.14	51.57 3.04 -10.05	48.81 3.12 -7.70	70.73 3.03 -29.80	68.47 3.21 -25.09	69.03 3.32 -22.57	95.56 3.85 -43.00	103.15 3.80 -45.10	91.85 4.69 -29.22	97.76 4.76 -32.78	92.79 3.33 -39.71	46.88 3.57 -0.27	46.88 2.82 -8.40
BARRETT_IC_5 23708	52.83 3.00 -13.66	46.32 3.05 -11.80	34.41 3.01 -1.85	31.16 2.88 -0.03	33.29 2.75 -0.03	38.31 2.90 -0.03	49.01 3.67 -0.03	54.26 3.97 -0.01	50.59 4.18 -0.03	48.35 4.11 -0.03	48.91 3.19 -4.31	51.57 3.11 -9.14	51.57 3.04 -10.05	48.81 3.12 -7.70	70.73 3.03 -29.80	68.47 3.21 -25.09	69.03 3.32 -22.57	95.56 3.85 -43.00	103.15 3.80 -45.10	91.85 4.69 -29.22	97.76 4.76 -32.78	92.79 3.33 -39.71	46.88 3.57 -0.27	46.88 2.82 -8.40

BARRETT_IC_6 23709	52.83 3.00 -13.66	46.32 3.05 -11.80	34.41 3.01 -1.85	31.16 2.88 -0.03	33.29 2.75 -0.03	38.31 2.90 -0.03	49.01 3.67 -0.03	54.26 3.97 -0.01	50.59 4.18 -0.03	48.35 4.11 -0.03	48.91 3.19 -4.31	51.57 3.11 -9.14	51.57 3.04 -10.05	48.81 3.12 -7.70	70.73 3.03 -29.80	68.47 3.21 -25.09	69.03 3.32 -22.57	95.56 3.85 -43.00	103.15 3.80 -45.10	91.85 4.69 -29.22	97.76 4.76 -32.78	92.79 3.33 -39.71	46.88 3.57 -0.27	46.88 2.82 -8.40
BARRETT_IC_7 23710	52.83 3.00 -13.66	46.32 3.05 -11.80	34.41 3.01 -1.85	31.16 2.88 -0.03	33.22 2.68 -0.03	38.31 2.90 -0.03	49.01 3.67 -0.03	54.26 3.97 -0.01	50.58 4.17 -0.03	48.22 3.98 -0.03	48.91 3.19 -4.31	51.57 3.11 -9.14	51.57 3.04 -10.05	48.81 3.12 -7.70	70.77 3.07 -29.80	68.51 3.25 -25.09	69.03 3.32 -22.57	95.66 3.95 -43.00	103.15 3.80 -45.10	91.85 4.69 -29.22	97.64 4.64 -32.78	92.79 3.33 -39.71	46.84 3.53 -0.27	46.88 2.82 -8.40
BARRETT_IC_8 23711	52.83 3.00 -13.66	46.32 3.05 -11.80	34.41 3.01 -1.85	31.16 2.88 -0.03	33.29 2.75 -0.03	38.31 2.90 -0.03	49.01 3.67 -0.03	54.26 3.97 -0.01	50.59 4.18 -0.03	48.35 4.11 -0.03	48.91 3.19 -4.31	51.57 3.11 -9.14	51.57 3.04 -10.05	48.81 3.12 -7.70	70.73 3.03 -29.80	68.47 3.21 -25.09	69.03 3.32 -22.57	95.56 3.85 -43.00	103.15 3.80 -45.10	91.85 4.69 -29.22	97.76 4.76 -32.78	92.79 3.33 -39.71	46.88 3.57 -0.27	46.88 2.82 -8.40
BARRETT_IC_9 23700	52.83 3.00 -13.66	46.32 3.05 -11.80	34.41 3.01 -1.85	31.16 2.88 -0.03	33.29 2.75 -0.03	38.31 2.90 -0.03	49.01 3.67 -0.03	54.26 3.97 -0.01	50.59 4.18 -0.03	48.35 4.11 -0.03	48.91 3.19 -4.31	51.57 3.11 -9.14	51.57 3.04 -10.05	48.81 3.12 -7.70	51.73 3.03 -10.81	51.57 3.21 -8.19	55.45 3.32 -8.99	95.11 3.85 -42.54	56.39 3.80 1.66	72.61 4.69 -9.98	76.32 4.76 -11.34	59.55 3.33 -6.47	46.88 3.57 -0.27	46.88 2.82 -8.40
BARRETT___1 23545	52.83 3.00 -13.66	46.32 3.05 -11.80	34.41 3.01 -1.85	31.16 2.88 -0.03	33.29 2.75 -0.03	38.31 2.90 -0.03	49.01 3.67 -0.03	54.26 3.97 -0.01	50.59 4.18 -0.03	48.35 4.11 -0.03	48.91 3.19 -4.31	51.57 3.11 -9.14	51.57 3.04 -10.05	48.81 3.12 -7.70	70.73 3.03 -29.80	68.47 3.21 -25.09	70.98 3.32 -24.51	95.56 3.85 -43.00	103.20 3.80 -45.15	94.66 4.69 -32.03	100.91 4.76 -35.92	92.79 3.33 -39.71	46.88 3.57 -0.27	46.88 2.82 -8.40
BARRETT___2 23546	52.83 3.00 -13.66	46.32 3.05 -11.80	34.41 3.01 -1.85	31.16 2.88 -0.03	33.29 2.75 -0.03	38.31 2.90 -0.03	49.01 3.67 -0.03	54.26 3.97 -0.01	50.59 4.18 -0.03	48.35 4.11 -0.03	48.91 3.19 -4.31	51.57 3.11 -9.14	51.57 3.04 -10.05	48.81 3.12 -7.70	51.73 3.03 -10.81	51.57 3.21 -8.19	55.45 3.32 -8.99	95.11 3.85 -42.54	56.39 3.80 1.66	72.61 4.69 -9.98	76.32 4.76 -11.34	59.55 3.33 -6.47	46.88 3.57 -0.27	46.88 2.82 -8.40
BATAVIA___115KV_TB1 55881	37.04 0.87 0.00	30.93 -0.53 0.00	28.89 -0.65 0.00	27.68 -0.56 0.00	29.69 -0.82 0.00	34.25 -1.13 0.00	43.41 -1.90 0.00	48.12 -2.16 0.00	44.02 -2.37 0.00	41.74 -2.48 0.00	39.34 -2.07 0.00	37.16 -2.16 0.00	36.21 -2.27 0.00	35.79 -2.20 0.00	35.66 -2.24 0.00	37.51 -2.65 0.00	40.29 -2.85 0.01	44.68 -3.65 0.38	51.04 -3.20 0.01	55.74 -2.20 0.00	58.66 -1.57 0.00	47.21 -2.54 0.00	40.98 -2.07 0.00	34.88 -0.78 0.00
BAYONEEC___CTG1 323682	38.52 2.35 0.00	33.70 2.23 0.00	31.72 2.19 0.00	30.37 2.12 0.00	32.40 1.89 0.00	37.26 1.87 0.00	48.04 2.72 -0.01	53.45 3.17 0.00	49.77 3.38 0.00	47.54 3.32 -0.01	44.40 2.98 -0.01	42.65 2.95 -0.37	42.48 3.00 -1.00	42.17 3.00 -1.17	42.00 2.99 -1.12	44.12 3.13 -0.82	46.73 3.15 -0.44	52.33 3.61 0.00	58.05 3.80 0.00	62.51 4.58 0.00	64.87 4.64 0.00	52.98 3.23 0.00	45.85 2.80 -0.01	37.84 2.18 0.00
BAYONEEC___CTG10 323750	38.52 2.35 0.00	33.70 2.23 0.00	31.72 2.19 0.00	30.37 2.12 0.00	32.40 1.89 0.00	37.26 1.87 0.00	48.04 2.72 -0.01	53.45 3.17 0.00	49.77 3.38 0.00	47.54 3.32 -0.01	44.40 2.98 -0.01	42.65 2.95 -0.37	42.48 3.00 -1.00	42.17 3.00 -1.17	42.00 2.99 -1.12	44.12 3.13 -0.82	46.73 3.15 -0.44	52.33 3.61 0.00	58.05 3.80 0.00	62.51 4.58 0.00	64.87 4.64 0.00	52.98 3.23 0.00	45.85 2.80 -0.01	37.84 2.18 0.00
BAYONEEC___CTG2 323683	38.52 2.35 0.00	33.70 2.23 0.00	31.72 2.19 0.00	30.37 2.12 0.00	32.40 1.89 0.00	37.26 1.87 0.00	48.04 2.72 -0.01	53.45 3.17 0.00	49.77 3.38 0.00	47.54 3.32 -0.01	44.40 2.98 -0.01	42.65 2.95 -0.37	42.48 3.00 -1.00	42.17 3.00 -1.17	42.00 2.99 -1.12	44.12 3.13 -0.82	46.73 3.15 -0.44	52.33 3.61 0.00	58.05 3.80 0.00	62.51 4.58 0.00	64.87 4.64 0.00	52.98 3.23 0.00	45.85 2.80 -0.01	37.84 2.18 0.00
BAYONEEC___CTG3 323684	38.52 2.35 0.00	33.70 2.23 0.00	31.72 2.19 0.00	30.37 2.12 0.00	32.40 1.89 0.00	37.26 1.87 0.00	48.04 2.72 -0.01	53.45 3.17 0.00	49.77 3.38 0.00	47.54 3.32 -0.01	44.40 2.98 -0.01	42.65 2.95 -0.37	42.48 3.00 -1.00	42.17 3.00 -1.17	42.00 2.99 -1.12	44.12 3.13 -0.82	46.73 3.15 -0.44	52.33 3.61 0.00	58.05 3.80 0.00	62.51 4.58 0.00	64.87 4.64 0.00	52.98 3.23 0.00	45.85 2.80 -0.01	37.84 2.18 0.00
BAYONEEC___CTG4 323685	38.52 2.35 0.00	33.70 2.23 0.00	31.72 2.19 0.00	30.37 2.12 0.00	32.40 1.89 0.00	37.26 1.87 0.00	48.04 2.72 -0.01	53.45 3.17 0.00	49.77 3.38 0.00	47.54 3.32 -0.01	44.40 2.98 -0.01	42.65 2.95 -0.37	42.48 3.00 -1.00	42.17 3.00 -1.17	42.00 2.99 -1.12	44.12 3.13 -0.82	46.73 3.15 -0.44	52.33 3.61 0.00	58.05 3.80 0.00	62.51 4.58 0.00	64.87 4.64 0.00	52.98 3.23 0.00	45.85 2.80 -0.01	37.84 2.18 0.00
BAYONEEC___CTG5 323686	38.52 2.35 0.00	33.70 2.23 0.00	31.72 2.19 0.00	30.37 2.12 0.00	32.40 1.89 0.00	37.26 1.87 0.00	48.04 2.72 -0.01	53.45 3.17 0.00	49.77 3.38 0.00	47.54 3.32 -0.01	44.40 2.98 -0.01	42.65 2.95 -0.37	42.48 3.00 -1.00	42.17 3.00 -1.17	42.00 2.99 -1.12	44.12 3.13 -0.82	46.73 3.15 -0.44	52.33 3.61 0.00	58.05 3.80 0.00	62.51 4.58 0.00	64.87 4.64 0.00	52.98 3.23 0.00	45.85 2.80 -0.01	37.84 2.18 0.00
BAYONEEC___CTG6 323687	38.52 2.35 0.00	33.70 2.23 0.00	31.72 2.19 0.00	30.37 2.12 0.00	32.40 1.89 0.00	37.26 1.87 0.00	48.04 2.72 -0.01	53.45 3.17 0.00	49.77 3.38 0.00	47.54 3.32 -0.01	44.40 2.98 -0.01	42.65 2.95 -0.37	42.48 3.00 -1.00	42.17 3.00 -1.17	42.00 2.99 -1.12	44.12 3.13 -0.82	46.73 3.15 -0.44	52.33 3.61 0.00	58.05 3.80 0.00	62.51 4.58 0.00	64.87 4.64 0.00	52.98 3.23 0.00	45.85 2.80 -0.01	37.84 2.18 0.00
BAYONEEC___CTG7 323688	38.52 2.35 0.00	33.70 2.23 0.00	31.72 2.19 0.00	30.37 2.12 0.00	32.40 1.89 0.00	37.26 1.87 0.00	48.04 2.72 -0.01	53.45 3.17 0.00	49.77 3.38 0.00	47.54 3.32 -0.01	44.40 2.98 -0.01	42.65 2.95 -0.37	42.48 3.00 -1.00	42.17 3.00 -1.17	42.00 2.99 -1.12	44.12 3.13 -0.82	46.73 3.15 -0.44	52.33 3.61 0.00	58.05 3.80 0.00	62.51 4.58 0.00	64.87 4.64 0.00	52.98 3.23 0.00	45.85 2.80 -0.01	37.84 2.18 0.00

BAYONEEC___CTG8 323689	38.52 2.35 0.00	33.70 2.23 0.00	31.72 2.19 0.00	30.37 2.12 0.00	32.40 1.89 0.00	37.26 1.87 0.00	48.04 2.72 -0.01	53.45 3.17 0.00	49.77 3.38 0.00	47.54 3.32 -0.01	44.40 2.98 -0.01	42.65 2.95 -0.37	42.48 3.00 -1.00	42.17 3.00 -1.17	42.00 2.99 -1.12	44.12 3.13 -0.82	46.73 3.15 -0.44	52.33 3.61 0.00	58.05 3.80 0.00	62.51 4.58 0.00	64.87 4.64 0.00	52.98 3.23 0.00	45.85 2.80 -0.01	37.84 2.18 0.00
BAYONEEC___CTG9 323749	38.52 2.35 0.00	33.70 2.23 0.00	31.72 2.19 0.00	30.37 2.12 0.00	32.40 1.89 0.00	37.26 1.87 0.00	48.04 2.72 -0.01	53.45 3.17 0.00	49.77 3.38 0.00	47.54 3.32 -0.01	44.40 2.98 -0.01	42.65 2.95 -0.37	42.48 3.00 -1.00	42.17 3.00 -1.17	42.00 2.99 -1.12	44.12 3.13 -0.82	46.73 3.15 -0.44	52.33 3.61 0.00	58.05 3.80 0.00	62.51 4.58 0.00	64.87 4.64 0.00	52.98 3.23 0.00	45.85 2.80 -0.01	37.84 2.18 0.00
BEACON___LESR 323632	37.26 1.08 0.00	32.73 1.26 0.00	30.78 1.24 0.00	29.38 1.13 0.00	31.49 0.98 0.00	36.30 0.92 0.00	46.49 1.18 0.00	51.84 1.56 0.00	47.77 1.39 0.00	45.50 1.28 0.00	42.53 1.12 0.00	40.35 1.02 0.00	39.52 1.04 0.00	38.90 0.91 0.00	38.84 0.95 0.00	41.33 1.17 0.00	44.35 1.21 0.00	50.23 1.51 0.00	51.86 1.85 4.24	60.26 2.32 0.00	62.52 2.29 0.00	51.24 1.49 0.00	44.21 1.16 0.00	36.45 0.78 0.00
BEAVER RIVER___HYD 24048	35.52 -0.65 0.00	30.74 -0.72 0.00	28.59 -0.95 0.00	27.32 -0.93 0.00	29.63 -0.89 0.00	34.60 -0.78 0.00	44.41 -0.91 0.00	49.07 -1.21 0.00	44.90 -1.49 0.00	42.53 -1.68 0.00	39.88 -1.53 0.00	37.91 -1.41 0.00	37.05 -1.42 0.00	36.66 -1.33 0.00	36.64 -1.25 0.00	38.92 -1.25 0.00	41.85 -1.29 0.00	47.45 -1.27 0.00	53.11 -1.14 0.00	57.13 -0.81 0.00	59.81 -0.42 0.00	49.30 -0.45 0.00	42.65 -0.39 0.00	35.02 -0.64 0.00
BEEBEE_GT_13 23619	36.50 0.33 0.00	30.90 -0.57 0.00	28.95 -0.59 0.00	27.71 -0.54 0.00	29.75 -0.76 0.00	34.36 -1.03 0.00	43.54 -1.77 0.00	48.27 -2.01 0.00	44.43 -1.95 0.00	42.27 -1.95 0.00	39.75 -1.66 0.00	37.67 -1.65 0.00	36.78 -1.69 0.00	36.36 -1.63 0.00	36.22 -1.67 0.00	38.20 -1.97 0.00	41.02 -2.11 0.01	45.50 -3.22 0.00	51.70 -2.55 0.01	56.03 -1.91 0.00	58.66 -1.57 0.00	47.61 -2.14 0.00	41.24 -1.81 0.00	34.77 -0.89 0.00
BENSHRST_27_KV_BENSHRST_1 355998	38.87 2.68 -0.02	34.01 2.55 0.00	31.96 2.42 0.00	30.56 2.32 0.00	32.59 2.07 0.00	37.47 2.09 0.00	48.29 2.95 -0.03	53.50 3.22 0.00	50.05 3.66 0.00	47.81 3.54 -0.06	44.69 3.23 -0.06	46.36 3.26 -3.77	51.94 3.27 -10.20	53.25 3.31 -11.95	52.62 3.33 -11.39	51.97 3.49 -8.31	51.17 3.54 -4.49	52.70 3.95 -0.03	58.80 4.01 -0.53	62.69 4.75 0.00	64.87 4.64 0.00	53.72 3.58 -0.39	45.90 2.80 -0.06	38.15 2.46 -0.02
BETHLEHEM___GRP 23843	36.68 0.51 0.00	32.22 0.76 0.00	30.34 0.80 0.00	28.98 0.73 0.00	31.09 0.58 0.00	35.77 0.39 0.00	45.77 0.45 0.00	51.04 0.75 0.00	47.03 0.65 0.00	44.83 0.62 0.00	41.99 0.58 0.00	39.88 0.55 0.00	39.09 0.62 0.00	38.45 0.46 0.00	38.35 0.45 0.00	40.81 0.64 0.00	43.75 0.60 0.00	49.50 0.78 0.00	52.80 0.92 2.37	59.27 1.33 0.00	61.37 1.14 0.00	50.39 0.65 0.00	43.52 0.47 0.00	35.95 0.29 0.00
BETHLEHEM___GS1 323560	36.68 0.51 0.00	32.22 0.75 0.00	30.34 0.80 0.00	28.98 0.73 0.00	31.03 0.52 0.00	35.77 0.39 0.00	45.77 0.45 0.00	51.04 0.76 0.00	47.03 0.65 0.00	44.83 0.62 0.00	41.94 0.54 0.00	39.88 0.55 0.00	39.09 0.61 0.00	38.45 0.46 0.00	38.35 0.46 0.00	40.81 0.64 0.00	43.75 0.60 0.00	49.45 0.73 0.00	52.80 0.92 2.37	59.27 1.33 0.00	61.43 1.20 0.00	50.44 0.70 0.00	43.52 0.47 0.00	35.95 0.28 0.00
BETHLEHEM___GS2 323561	36.68 0.51 0.00	32.22 0.75 0.00	30.34 0.80 0.00	28.98 0.73 0.00	31.03 0.52 0.00	35.77 0.39 0.00	45.77 0.45 0.00	51.04 0.76 0.00	47.03 0.65 0.00	44.83 0.62 0.00	41.94 0.54 0.00	39.88 0.55 0.00	39.09 0.61 0.00	38.45 0.46 0.00	38.35 0.46 0.00	40.81 0.64 0.00	43.75 0.60 0.00	49.45 0.73 0.00	52.80 0.92 2.37	59.27 1.33 0.00	61.43 1.20 0.00	50.44 0.70 0.00	43.52 0.47 0.00	35.95 0.28 0.00
BETHLEHEM___GS3 323562	36.68 0.51 0.00	32.22 0.75 0.00	30.34 0.80 0.00	28.98 0.73 0.00	31.03 0.52 0.00	35.77 0.39 0.00	45.77 0.45 0.00	51.04 0.76 0.00	47.03 0.65 0.00	44.83 0.62 0.00	41.94 0.54 0.00	39.88 0.55 0.00	39.09 0.61 0.00	38.45 0.46 0.00	38.35 0.46 0.00	40.81 0.64 0.00	43.75 0.60 0.00	49.45 0.73 0.00	52.80 0.92 2.37	59.27 1.33 0.00	61.43 1.20 0.00	50.44 0.70 0.00	43.52 0.47 0.00	35.95 0.28 0.00
BETHLEHEM___STEEL 23779	36.64 0.47 0.00	30.65 -0.82 0.00	28.59 -0.95 0.00	27.49 -0.76 0.00	29.38 -1.13 0.00	33.83 -1.56 0.00	42.37 -2.95 0.00	46.91 -3.37 0.00	43.13 -3.25 0.00	40.85 -3.36 0.00	38.63 -2.77 0.00	36.42 -2.91 0.00	35.55 -2.92 0.00	35.11 -2.89 0.00	34.97 -2.92 0.00	36.71 -3.45 0.00	39.42 -3.71 0.01	44.17 -3.90 0.65	49.85 -4.39 0.01	54.52 -3.42 0.00	57.34 -2.89 0.00	46.16 -3.58 0.00	40.12 -2.93 0.00	34.34 -1.32 0.00
BETHLHEM_115KV_TB1 79974	36.75 0.58 0.00	32.28 0.82 0.00	30.37 0.83 0.00	29.01 0.76 0.00	31.12 0.61 0.00	35.84 0.46 0.00	45.90 0.59 0.00	51.09 0.80 0.00	47.54 1.16 0.00	45.32 1.11 0.00	42.40 0.99 0.00	39.95 0.63 0.00	39.13 0.65 0.00	38.53 0.53 0.00	38.42 0.53 0.00	40.89 0.72 0.00	43.83 0.69 0.00	49.60 0.88 0.00	53.06 1.03 2.22	59.39 1.45 0.00	61.49 1.26 0.00	50.54 0.80 0.00	43.60 0.56 0.00	36.06 0.39 0.00
BETHPAGE_CC_5 323564	45.32 3.11 -6.04	39.45 2.77 -5.22	33.05 2.69 -0.82	30.89 2.63 -0.01	32.97 2.44 -0.01	37.94 2.55 -0.01	48.50 3.17 -0.01	53.86 3.57 -0.01	49.87 3.48 -0.01	47.63 3.40 -0.01	45.97 2.65 -1.91	45.96 2.59 -4.04	45.61 2.69 -4.44	44.13 2.74 -3.40	49.36 2.61 -8.86	50.31 2.89 -7.25	58.24 2.89 -12.21	70.98 3.36 -18.90	69.62 3.85 -11.52	78.85 4.69 -16.22	83.19 4.76 -18.21	63.07 3.33 -10.00	46.04 2.88 -0.12	42.12 2.75 -3.71
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	36.68 0.51 0.00	30.68 -0.79 0.00	28.62 -0.92 0.00	27.51 -0.73 0.00	29.41 -1.10 0.00	33.86 -1.52 0.00	42.46 -2.85 0.00	46.96 -3.32 0.00	43.18 -3.20 0.00	40.90 -3.32 0.00	38.72 -2.69 0.00	36.49 -2.83 0.00	35.59 -2.89 0.00	35.14 -2.85 0.00	35.01 -2.88 0.00	36.75 -3.41 0.00	39.42 -3.71 0.01	44.55 -3.56 0.61	49.90 -4.34 0.01	54.64 -3.30 0.00	57.46 -2.77 0.00	46.21 -3.53 0.00	40.16 -2.88 0.00	34.42 -1.25 0.00
BINGHAMTON___COGEN 23790	36.86 0.69 0.00	31.84 0.38 0.00	29.83 0.30 0.00	28.59 0.34 0.00	30.69 0.18 0.00	35.42 0.04 0.00	45.22 -0.09 0.00	50.13 -0.15 0.00	46.20 -0.19 0.00	43.95 -0.27 0.00	41.24 -0.17 0.00	39.09 -0.24 0.00	38.25 -0.23 0.00	37.80 -0.19 0.00	37.70 -0.19 0.00	39.92 -0.24 0.00	42.79 -0.35 0.01	48.58 -0.15 -0.01	54.03 -0.22 0.01	58.34 0.41 0.00	60.77 0.54 0.00	49.75 0.00 0.00	42.91 -0.13 0.00	35.74 0.07 0.00

BIXINCNT_115KV_LOAD 355685	37.08 0.90 0.00	30.90 -0.57 0.00	28.83 -0.71 0.00	27.74 -0.51 0.00	29.63 -0.88 0.00	34.04 -1.34 0.00	42.64 -2.67 0.00	47.36 -2.92 0.00	43.41 -2.97 0.00	40.85 -3.36 0.00	38.68 -2.73 0.00	36.42 -2.91 0.00	35.51 -2.96 0.00	34.99 -3.00 0.00	34.75 -3.15 0.00	36.43 -3.74 0.00	39.03 -4.10 0.01	45.30 -3.02 0.40	49.96 -4.29 0.01	54.98 -2.95 0.00	57.94 -2.29 0.00	46.71 -3.03 0.00	40.59 -2.45 0.00	34.77 -0.89 0.00
BLACK RIVER___HYD 24047	35.92 -0.25 0.00	31.09 -0.38 0.00	28.92 -0.62 0.00	27.68 -0.56 0.00	29.99 -0.52 0.00	34.99 -0.39 0.00	44.86 -0.45 0.00	49.47 -0.81 0.00	45.18 -1.21 0.00	42.66 -1.55 0.00	39.96 -1.45 0.00	37.87 -1.45 0.00	37.02 -1.46 0.00	36.63 -1.37 0.00	36.64 -1.25 0.00	38.92 -1.25 0.00	41.85 -1.29 0.00	47.60 -1.12 0.00	53.49 -0.76 0.00	57.88 -0.06 0.00	60.65 0.42 0.00	49.95 0.20 0.00	43.04 0.00 0.00	35.24 -0.43 0.00
BLACKRVR_115KV_TB2 79977	35.92 -0.25 0.00	31.09 -0.38 0.00	28.92 -0.62 0.00	27.68 -0.56 0.00	29.99 -0.52 0.00	34.99 -0.39 0.00	44.86 -0.45 0.00	49.48 -0.80 0.00	45.18 -1.21 0.00	42.67 -1.55 0.00	39.96 -1.45 0.00	37.87 -1.46 0.00	37.02 -1.46 0.00	36.63 -1.37 0.00	36.64 -1.25 0.00	38.92 -1.25 0.00	41.89 -1.25 0.00	47.60 -1.12 0.00	53.55 -0.71 0.00	57.88 -0.06 0.00	60.71 0.48 0.00	49.94 0.20 0.00	43.04 0.00 0.00	35.24 -0.43 0.00
BLDWN_LI_69_KV_BK4 356085	47.91 3.11 -8.63	41.85 2.93 -7.46	33.58 2.87 -1.17	31.03 2.77 -0.02	33.09 2.56 -0.02	38.16 2.76 -0.02	48.91 3.58 -0.02	54.26 3.97 -0.01	50.39 3.99 -0.02	48.12 3.89 -0.02	47.20 3.06 -2.72	48.09 2.99 -5.77	47.83 3.00 -6.35	45.90 3.04 -4.86	56.13 3.07 -15.16	55.97 3.21 -12.59	62.94 3.24 -16.56	79.65 3.85 -27.08	80.03 4.07 -21.70	84.78 4.98 -21.86	89.70 4.94 -24.53	72.05 3.63 -18.67	46.57 3.36 -0.17	43.82 2.85 -5.31
BLISS_WT_PWR 323608	37.08 0.90 0.00	30.90 -0.57 0.00	28.83 -0.71 0.00	27.74 -0.51 0.00	29.69 -0.82 0.00	34.00 -1.38 0.00	42.55 -2.77 0.00	47.36 -2.92 0.00	43.37 -3.01 0.00	40.76 -3.45 0.00	38.67 -2.73 0.00	36.30 -3.03 0.00	35.40 -3.08 0.00	34.84 -3.15 0.00	34.60 -3.30 0.00	36.23 -3.93 0.00	38.82 -4.31 0.01	44.37 -3.94 0.40	50.07 -4.18 0.01	54.87 -3.07 0.00	57.52 -2.71 0.00	46.61 -3.13 0.00	40.46 -2.58 0.00	34.77 -0.89 0.00
BLUESTONE___WT_PWR 323821	39.90 3.73 0.00	34.64 3.18 0.00	32.37 2.84 0.00	31.02 2.77 0.00	33.56 3.05 0.00	38.99 3.61 0.00	50.02 4.71 0.00	55.26 4.98 0.00	50.46 4.08 0.00	47.35 3.14 0.00	44.14 2.73 0.00	41.61 2.28 0.00	40.55 2.08 0.00	40.04 2.05 0.00	40.09 2.20 0.00	42.74 2.57 0.00	46.00 2.85 -0.01	52.62 3.80 -0.10	59.04 4.78 -0.01	64.20 6.26 0.00	67.33 7.10 0.00	55.12 5.37 0.00	47.35 4.30 0.00	38.80 3.14 0.00
BLUE_CIRC_CHEM_DRP 24182	37.11 0.94 0.00	32.57 1.10 0.00	30.63 1.09 0.00	29.26 1.02 0.00	31.43 0.92 0.00	36.16 0.78 0.00	46.26 0.95 0.00	51.44 1.16 0.00	47.45 1.07 0.00	45.19 0.97 0.00	42.24 0.83 0.00	40.03 0.71 0.00	39.21 0.73 0.00	38.64 0.65 0.00	38.54 0.64 0.00	41.01 0.84 0.00	44.01 0.86 0.00	49.89 1.17 0.00	53.55 1.41 2.12	59.73 1.80 0.00	62.04 1.81 0.00	50.94 1.19 0.00	43.99 0.95 0.00	36.38 0.71 0.00
BOC_GAS_DRP 24189	36.93 0.76 0.00	32.41 0.94 0.00	30.48 0.95 0.00	29.12 0.88 0.00	31.24 0.73 0.00	36.02 0.64 0.00	46.08 0.77 0.00	51.29 1.01 0.00	47.40 1.02 0.00	45.23 1.02 0.00	42.32 0.91 0.00	40.15 0.83 0.00	39.32 0.85 0.00	38.75 0.76 0.00	38.65 0.76 0.00	41.09 0.92 0.00	44.05 0.91 0.00	49.89 1.17 0.00	54.11 1.25 1.39	59.62 1.68 0.00	61.80 1.57 0.00	50.79 1.04 0.00	43.86 0.82 0.00	36.23 0.57 0.00
BOONVILLE_115KV_TB1 79983	36.57 0.40 0.00	31.72 0.25 0.00	29.63 0.09 0.00	28.33 0.08 0.00	30.60 0.09 0.00	35.59 0.21 0.00	45.63 0.32 0.00	50.48 0.20 0.00	46.43 0.05 0.00	44.04 -0.18 0.00	41.28 -0.12 0.00	39.17 -0.16 0.00	38.32 -0.15 0.00	37.88 -0.11 0.00	37.85 -0.04 0.00	40.21 0.04 0.00	43.19 0.04 0.00	48.96 0.24 0.00	54.69 0.43 0.00	58.75 0.81 0.00	61.37 1.14 0.00	50.49 0.75 0.00	43.60 0.56 0.00	35.91 0.25 0.00
BORALEX_4TH_BRANCH 23824	37.65 1.48 0.00	33.20 1.73 0.00	31.28 1.74 0.00	29.89 1.64 0.00	32.04 1.53 0.00	36.97 1.59 0.00	47.17 1.86 0.00	52.64 2.36 0.00	48.61 2.23 0.00	46.51 2.30 0.00	43.48 2.07 0.00	41.21 1.89 0.00	40.36 1.89 0.00	39.63 1.63 0.00	39.45 1.55 0.00	42.25 2.09 0.00	45.34 2.20 0.00	51.30 2.58 0.00	60.01 2.98 -2.78	61.47 3.53 0.00	63.60 3.37 0.00	52.18 2.44 0.00	45.11 2.07 0.00	36.84 1.18 0.00
BOWLINE___1 23526	38.12 1.95 0.00	33.35 1.89 0.00	31.40 1.86 0.00	30.06 1.81 0.00	32.13 1.62 0.00	36.94 1.56 0.00	47.49 2.17 0.00	52.79 2.51 0.00	49.02 2.64 0.00	46.78 2.56 0.00	43.73 2.32 0.00	41.61 2.28 0.00	40.79 2.31 0.00	40.31 2.32 0.00	40.20 2.31 0.00	42.66 2.49 0.00	45.60 2.46 0.00	51.64 2.92 0.00	57.40 3.15 0.00	61.88 3.94 0.00	64.20 3.97 0.00	52.43 2.68 0.00	45.28 2.24 0.00	37.41 1.75 0.00
BOWLINE___2 23595	38.12 1.95 0.00	33.35 1.89 0.00	31.40 1.86 0.00	30.06 1.81 0.00	32.13 1.62 0.00	36.94 1.56 0.00	47.53 2.22 0.00	52.79 2.51 0.00	49.02 2.64 0.00	46.78 2.56 0.00	43.73 2.32 0.00	41.61 2.28 0.00	40.82 2.35 0.00	40.31 2.32 0.00	40.20 2.31 0.00	42.66 2.49 0.00	45.64 2.50 0.00	51.64 2.92 0.00	57.45 3.20 0.00	61.93 3.99 0.00	64.20 3.97 0.00	52.43 2.68 0.00	45.28 2.24 0.00	37.41 1.75 0.00
BRADY___115KV_TB2 356060	35.48 -0.69 0.00	30.84 -0.63 0.00	28.86 -0.68 0.00	27.51 -0.73 0.00	29.96 -0.55 0.00	35.31 -0.07 0.00	45.40 0.09 0.00	50.08 -0.20 0.00	45.82 -0.56 0.00	43.73 -0.49 0.00	40.91 -0.50 0.00	38.97 -0.35 0.00	38.05 -0.42 0.00	37.61 -0.38 0.00	37.55 -0.34 0.00	39.72 -0.44 0.00	42.80 -0.35 0.00	48.23 -0.49 0.00	53.71 -0.54 0.00	56.90 -1.04 0.00	59.33 -0.90 0.00	49.50 -0.25 0.00	43.22 0.17 0.00	35.66 0.00 0.00
BRANSCOMB___SOLAR 323811	37.84 1.66 0.00	33.16 1.70 0.00	31.22 1.68 0.00	29.80 1.55 0.00	31.95 1.43 0.00	36.90 1.52 0.00	47.26 1.95 0.00	52.64 2.36 0.00	48.37 1.99 0.00	46.07 1.86 0.00	42.98 1.57 0.00	40.66 1.34 0.00	39.82 1.35 0.00	39.25 1.25 0.00	39.10 1.21 0.00	41.73 1.56 0.00	44.87 1.73 0.00	50.91 2.19 0.00	59.17 2.87 -2.05	61.36 3.42 0.00	63.72 3.49 0.00	52.23 2.49 0.00	45.02 1.98 0.00	37.02 1.35 0.00
BRDGHMPT_69_KV_BK1 55812	44.46 3.54 -4.75	38.56 2.99 -4.10	33.14 2.95 -0.64	31.14 2.88 -0.01	33.21 2.68 -0.01	38.15 2.76 -0.01	48.99 3.67 -0.01	54.36 4.07 0.00	50.33 3.94 -0.01	48.07 3.85 -0.01	45.56 2.65 -1.50	45.02 2.52 -3.18	44.59 2.62 -3.49	43.25 2.58 -2.68	46.87 2.80 -6.18	48.14 2.97 -5.00	55.89 3.15 -9.60	67.51 3.95 -14.85	66.18 4.77 -7.15	76.45 5.74 -12.77	80.12 5.54 -14.35	60.15 3.93 -6.47	46.28 3.14 -0.09	41.79 3.21 -2.92

BRENTWOD_69_KV_W. BRTWOOD 56703	44.40 3.36 -4.87	38.60 2.93 -4.21	33.03 2.84 -0.66	31.03 2.77 -0.01	33.08 2.56 -0.01	38.08 2.69 -0.01	48.77 3.44 -0.01	54.16 3.87 0.00	50.10 3.71 -0.01	47.98 3.76 -0.01	45.72 2.77 -1.54	45.26 2.67 -3.26	44.83 2.77 -3.58	43.55 2.81 -2.74	47.29 2.96 -6.44	48.44 3.05 -5.22	56.13 3.15 -9.84	67.74 3.80 -15.22	66.29 4.45 -7.59	76.42 5.39 -13.09	80.23 5.30 -14.70	60.35 3.78 -6.82	46.24 3.10 -0.09	41.69 3.03 -2.99
BRISTLHL_115KV_TB1 79998	35.63 -0.54 0.00	30.84 -0.63 0.00	28.89 -0.65 0.00	27.68 -0.56 0.00	29.78 -0.73 0.00	34.46 -0.92 0.00	44.13 -1.18 0.00	48.87 -1.41 0.00	45.04 -1.35 0.00	42.89 -1.33 0.00	40.21 -1.20 0.00	38.15 -1.18 0.00	37.32 -1.15 0.00	36.89 -1.10 0.00	36.79 -1.10 0.00	38.96 -1.20 0.00	41.85 -1.29 0.00	47.21 -1.51 0.00	52.79 -1.46 0.00	56.61 -1.33 0.00	58.96 -1.26 0.00	48.50 -1.24 0.00	41.84 -1.21 0.00	34.70 -0.96 0.00
BROOKHAVEN___DRP 24191	44.24 3.33 -4.74	38.43 2.86 -4.10	33.02 2.84 -0.64	31.03 2.77 -0.01	33.08 2.56 -0.01	38.05 2.65 -0.01	48.67 3.35 -0.01	54.06 3.77 0.00	50.01 3.62 -0.01	47.80 3.58 -0.01	45.47 2.57 -1.50	44.94 2.44 -3.17	44.51 2.54 -3.49	43.25 2.58 -2.67	46.83 2.77 -6.17	48.05 2.89 -5.00	55.72 2.98 -9.60	67.21 3.65 -14.83	65.79 4.39 -7.14	76.03 5.33 -12.77	79.81 5.24 -14.34	59.89 3.68 -6.46	46.19 3.06 -0.09	41.61 3.03 -2.92
BROOKLYN_NAVY_YARD 23515	38.52 2.35 0.00	33.70 2.23 0.00	31.72 2.19 0.00	30.34 2.09 0.00	32.37 1.86 0.00	37.26 1.87 0.00	48.03 2.72 0.00	53.50 3.22 0.00	49.77 3.38 0.00	47.57 3.36 0.00	44.39 2.98 0.00	42.31 2.99 0.00	41.48 3.00 0.00	41.03 3.04 0.00	42.57 2.88 -1.80	44.78 3.01 -1.60	46.29 3.06 -0.08	52.27 3.51 -0.04	62.34 3.69 -4.40	62.48 4.46 -0.08	64.83 4.52 -0.08	55.98 3.09 -3.15	45.84 2.80 0.00	37.84 2.18 0.00
BROOKLYN___ARMY_DRP 323595	38.73 2.53 -0.02	33.89 2.42 0.00	31.87 2.33 0.00	30.48 2.23 0.00	32.49 1.98 0.00	37.36 1.98 0.00	48.15 2.81 -0.03	53.30 3.02 0.00	49.86 3.48 0.00	47.67 3.40 -0.06	44.53 3.06 -0.06	46.20 3.11 -3.77	51.79 3.12 -10.20	53.10 3.15 -11.95	52.47 3.18 -11.39	51.81 3.33 -8.31	51.00 3.37 -4.49	52.50 3.75 -0.03	58.53 3.74 -0.53	62.46 4.52 0.00	64.63 4.40 0.00	53.47 3.33 -0.39	45.77 2.67 -0.06	38.00 2.32 -0.02
BROOME_2_LFGE 323671	36.86 0.69 0.00	31.84 0.38 0.00	29.83 0.30 0.00	28.59 0.34 0.00	30.73 0.22 0.00	35.42 0.04 0.00	45.22 -0.09 0.00	50.13 -0.15 0.00	46.20 -0.18 0.00	43.95 -0.26 0.00	41.24 -0.16 0.00	39.09 -0.23 0.00	38.25 -0.23 0.00	37.80 -0.19 0.00	37.70 -0.19 0.00	39.93 -0.24 0.00	42.79 -0.35 0.01	48.48 -0.24 -0.01	54.03 -0.22 0.01	58.29 0.35 0.00	60.71 0.48 0.00	49.70 -0.05 0.00	42.87 -0.17 0.00	35.74 0.07 0.00
BROOME___LFGE 323600	36.86 0.69 0.00	31.84 0.38 0.00	29.83 0.30 0.00	28.59 0.34 0.00	30.73 0.22 0.00	35.42 0.04 0.00	45.22 -0.09 0.00	50.13 -0.15 0.00	46.20 -0.18 0.00	43.95 -0.26 0.00	41.24 -0.16 0.00	39.09 -0.23 0.00	38.25 -0.23 0.00	37.80 -0.19 0.00	37.70 -0.19 0.00	39.93 -0.24 0.00	42.79 -0.35 0.01	48.48 -0.24 -0.01	54.03 -0.22 0.01	58.29 0.35 0.00	60.71 0.48 0.00	49.70 -0.05 0.00	42.87 -0.17 0.00	35.74 0.07 0.00
BROWNFLS_115KV_TB_3_5 80003	34.83 -1.34 0.00	30.24 -1.23 0.00	28.18 -1.36 0.00	26.89 -1.36 0.00	29.23 -1.28 0.00	34.29 -1.10 0.00	44.04 -1.27 0.00	48.67 -1.61 0.00	44.53 -1.86 0.00	42.31 -1.90 0.00	39.67 -1.74 0.00	37.75 -1.57 0.00	36.90 -1.58 0.00	36.47 -1.52 0.00	36.45 -1.44 0.00	38.64 -1.53 0.00	41.55 -1.60 0.00	46.96 -1.75 0.00	52.41 -1.84 0.00	55.97 -1.97 0.00	58.48 -1.75 0.00	48.45 -1.29 0.00	42.14 -0.90 0.00	34.63 -1.03 0.00
BROWNSV1_27_KV_LOAD 356125	38.81 2.64 0.00	33.92 2.45 0.00	31.93 2.39 0.00	30.54 2.29 0.00	32.56 2.04 0.00	37.47 2.09 0.00	48.35 3.04 0.00	53.85 3.57 0.00	50.14 3.76 0.00	47.88 3.67 0.00	44.72 3.31 0.00	42.59 3.26 0.00	41.75 3.27 0.00	41.30 3.31 0.00	41.42 3.30 -0.23	43.82 3.45 -0.20	46.65 3.49 -0.01	52.77 4.04 -0.01	59.10 4.29 -0.56	63.11 5.16 -0.01	65.30 5.06 -0.01	53.78 3.63 -0.40	46.06 3.01 0.00	38.09 2.43 0.00
BURROWS___LYONSDAL 23803	36.32 0.14 0.00	31.50 0.03 0.00	29.33 -0.21 0.00	28.05 -0.20 0.00	30.36 -0.15 0.00	35.31 -0.07 0.00	45.27 -0.05 0.00	50.08 -0.20 0.00	46.01 -0.37 0.00	43.64 -0.57 0.00	40.91 -0.50 0.00	38.85 -0.47 0.00	38.02 -0.46 0.00	37.58 -0.42 0.00	37.55 -0.34 0.00	39.88 -0.28 0.00	42.88 -0.26 0.00	48.57 -0.15 0.00	54.31 0.05 0.00	58.34 0.41 0.00	60.95 0.72 0.00	50.19 0.45 0.00	43.39 0.34 0.00	35.70 0.04 0.00
CAITHNESS_CC_1 323624	44.17 3.26 -4.74	38.36 2.80 -4.10	32.96 2.78 -0.64	30.97 2.71 -0.01	33.05 2.53 -0.01	37.94 2.55 -0.01	48.59 3.26 -0.01	53.91 3.62 0.00	49.87 3.48 -0.01	47.58 3.36 -0.01	45.39 2.48 -1.50	44.90 2.40 -3.17	44.47 2.50 -3.49	43.21 2.55 -2.67	46.52 2.46 -6.16	48.01 2.85 -4.99	55.58 2.85 -9.59	67.00 3.46 -14.82	65.61 4.23 -7.13	75.80 5.10 -12.76	79.67 5.12 -14.33	59.78 3.58 -6.45	46.15 3.01 -0.09	41.50 2.93 -2.92
CALPINE BETH_PAGE_GT4 24209	45.88 3.11 -6.60	39.91 2.74 -5.70	33.12 2.69 -0.90	30.89 2.63 -0.01	32.94 2.41 -0.01	37.94 2.55 -0.01	48.54 3.22 -0.01	53.91 3.62 -0.01	49.87 3.48 -0.01	47.72 3.49 -0.01	46.18 2.69 -2.08	46.34 2.60 -4.42	46.03 2.69 -4.86	44.45 2.74 -3.72	50.73 2.80 -10.03	51.29 2.89 -8.24	59.43 2.93 -13.35	72.90 3.51 -20.67	71.59 3.91 -13.43	80.48 4.81 -17.73	84.78 4.64 -19.91	64.61 3.33 -11.54	46.01 2.84 -0.13	42.36 2.64 -4.06
CALPINE_BETH_PAGE_GT_4 323586	45.88 3.11 -6.60	39.91 2.74 -5.70	33.12 2.69 -0.90	30.89 2.63 -0.01	32.97 2.44 -0.01	37.94 2.55 -0.01	48.54 3.22 -0.01	53.86 3.57 -0.01	49.88 3.48 -0.01	47.63 3.40 -0.01	46.18 2.69 -2.08	46.34 2.59 -4.42	46.03 2.69 -4.86	44.45 2.74 -3.72	50.58 2.65 -10.03	51.33 2.93 -8.24	59.43 2.94 -13.35	72.80 3.41 -20.67	71.60 3.91 -13.43	80.42 4.75 -17.73	84.96 4.82 -19.91	64.67 3.38 -11.54	46.06 2.88 -0.13	42.36 2.64 -4.06
CALPINE_BP_GT1 23823	45.88 3.11 -6.60	39.91 2.74 -5.70	33.12 2.69 -0.90	30.89 2.63 -0.01	32.97 2.44 -0.01	37.94 2.55 -0.01	48.54 3.22 -0.01	53.86 3.57 -0.01	49.88 3.48 -0.01	47.63 3.40 -0.01	46.18 2.69 -2.08	46.34 2.59 -4.42	46.03 2.69 -4.86	44.45 2.74 -3.72	50.58 2.65 -10.03	51.33 2.93 -8.24	59.43 2.94 -13.35	72.80 3.41 -20.67	71.60 3.91 -13.43	80.42 4.75 -17.73	84.96 4.82 -19.91	64.67 3.38 -11.54	46.06 2.88 -0.13	42.36 2.64 -4.06
CALSPAN___DRP 24200	36.64 0.47 0.00	30.65 -0.82 0.00	28.59 -0.95 0.00	27.49 -0.76 0.00	29.38 -1.13 0.00	33.83 -1.56 0.00	42.37 -2.95 0.00	46.91 -3.37 0.00	43.13 -3.25 0.00	40.85 -3.36 0.00	38.63 -2.77 0.00	36.42 -2.91 0.00	35.55 -2.92 0.00	35.11 -2.89 0.00	34.97 -2.92 0.00	36.71 -3.45 0.00	39.42 -3.71 0.01	44.17 -3.90 0.65	49.85 -4.39 0.01	54.52 -3.42 0.00	57.34 -2.89 0.00	46.16 -3.58 0.00	40.12 -2.93 0.00	34.34 -1.32 0.00

CALVERTON___SOLAR 323806	44.35 3.44 -4.75	38.49 2.93 -4.10	33.08 2.90 -0.64	31.08 2.82 -0.01	33.17 2.65 -0.01	38.12 2.72 -0.01	48.81 3.49 -0.01	54.16 3.87 0.00	50.10 3.71 -0.01	47.76 3.54 -0.01	45.52 2.61 -1.50	45.02 2.52 -3.18	44.59 2.62 -3.49	43.29 2.62 -2.67	46.64 2.58 -6.17	48.18 3.01 -5.00	55.80 3.06 -9.60	67.31 3.75 -14.84	65.95 4.56 -7.14	76.21 5.51 -12.77	80.11 5.54 -14.34	60.14 3.93 -6.47	46.37 3.23 -0.09	41.68 3.10 -2.92
CANDIGU_WT_PWR 323617	36.82 0.65 0.00	31.28 -0.19 0.00	29.24 -0.30 0.00	28.02 -0.23 0.00	30.08 -0.43 0.00	34.60 -0.78 0.00	43.82 -1.49 0.00	48.42 -1.86 0.00	44.20 -2.18 0.00	41.87 -2.34 0.00	39.50 -1.90 0.00	37.20 -2.12 0.00	36.29 -2.19 0.00	35.87 -2.13 0.00	35.69 -2.20 0.00	37.71 -2.45 0.00	40.45 -2.67 0.02	41.81 -2.87 4.04	51.47 -2.76 0.02	56.20 -1.74 0.00	58.85 -1.38 0.00	48.00 -1.74 0.00	41.50 -1.55 0.00	35.13 -0.53 0.00
CARR STREET_E_SYR 24060	36.17 0.00 0.00	31.28 -0.19 0.00	29.30 -0.24 0.00	28.05 -0.20 0.00	30.21 -0.31 0.00	34.92 -0.46 0.00	44.68 -0.63 0.00	49.53 -0.75 0.00	45.64 -0.74 0.00	43.46 -0.75 0.00	40.79 -0.62 0.00	38.66 -0.67 0.00	37.86 -0.62 0.00	37.42 -0.57 0.00	37.32 -0.57 0.00	39.52 -0.64 0.00	42.41 -0.73 0.00	47.89 -0.83 0.00	53.44 -0.81 0.00	57.36 -0.58 0.00	59.75 -0.48 0.00	49.10 -0.65 0.00	42.35 -0.69 0.00	35.16 -0.50 0.00
CARTHAGE___PAPER 23857	35.63 -0.54 0.00	30.84 -0.63 0.00	28.68 -0.86 0.00	27.43 -0.82 0.00	29.75 -0.76 0.00	34.78 -0.60 0.00	44.63 -0.68 0.00	49.28 -1.01 0.00	44.99 -1.39 0.00	42.58 -1.63 0.00	39.92 -1.49 0.00	37.87 -1.45 0.00	37.02 -1.46 0.00	36.63 -1.37 0.00	36.60 -1.29 0.00	38.88 -1.29 0.00	41.85 -1.29 0.00	47.55 -1.17 0.00	53.33 -0.92 0.00	57.47 -0.47 0.00	60.17 -0.06 0.00	49.60 -0.15 0.00	42.83 -0.21 0.00	35.09 -0.57 0.00
CASSADAGA_WT_PWR 323784	37.94 1.77 0.00	31.47 0.00 0.00	29.33 -0.21 0.00	28.19 -0.06 0.00	30.27 -0.25 0.00	34.78 -0.60 0.00	43.59 -1.72 0.00	48.67 -1.61 0.00	44.71 -1.67 0.00	42.09 -2.12 0.00	40.00 -1.41 0.00	37.52 -1.81 0.00	36.55 -1.92 0.00	36.09 -1.90 0.00	35.81 -2.08 0.00	37.51 -2.65 0.00	40.16 -2.98 0.01	45.14 -3.12 0.46	51.21 -3.04 0.01	56.14 -1.80 0.00	58.73 -1.50 0.00	47.61 -2.14 0.00	41.24 -1.81 0.00	35.38 -0.29 0.00
CE_DUNWOOD___DRP 24194	38.34 2.17 0.00	33.57 2.11 0.00	31.58 2.04 0.00	30.23 1.98 0.00	32.25 1.74 0.00	37.15 1.77 0.00	47.80 2.49 0.00	53.20 2.92 0.00	49.44 3.06 0.00	47.17 2.96 0.00	44.10 2.69 0.00	41.96 2.63 0.00	41.13 2.65 0.00	40.65 2.66 0.00	40.58 2.69 0.00	42.98 2.81 0.00	45.99 2.85 0.00	52.13 3.41 0.00	57.83 3.58 0.00	62.34 4.40 0.00	64.51 4.28 0.00	52.78 3.03 0.00	45.54 2.50 0.00	37.66 2.00 0.00
CE_MILLWOOD___DRP 24193	38.23 2.06 0.00	33.48 2.01 0.00	31.52 1.98 0.00	30.14 1.89 0.00	32.16 1.65 0.00	37.08 1.70 0.00	47.67 2.36 0.00	53.00 2.72 0.00	49.26 2.88 0.00	47.00 2.79 0.00	43.93 2.53 0.00	41.80 2.48 0.00	40.98 2.50 0.00	40.50 2.51 0.00	40.39 2.50 0.00	42.82 2.65 0.00	45.82 2.67 0.00	51.93 3.22 0.00	57.67 3.42 0.00	62.17 4.23 0.00	64.32 4.10 0.00	52.63 2.89 0.00	45.37 2.32 0.00	37.55 1.89 0.00
CE_NYC2_DRP 24202	38.56 2.39 0.00	33.76 2.30 0.00	31.75 2.22 0.00	30.39 2.15 0.00	32.37 1.86 0.00	37.26 1.88 0.00	47.99 2.67 0.00	53.35 3.07 0.00	49.77 3.39 0.00	47.57 3.36 0.00	44.43 3.02 0.00	42.39 3.07 0.00	41.56 3.08 0.00	41.11 3.12 0.00	41.00 3.11 0.00	43.42 3.25 0.00	46.42 3.28 0.00	52.38 3.65 -0.01	58.69 3.69 -0.74	62.35 4.40 -0.01	64.51 4.28 -0.01	53.46 3.18 -0.53	45.67 2.63 0.00	37.84 2.18 0.00
CE_NYC_DRP 24195	38.63 2.46 0.00	33.79 2.33 0.00	31.81 2.27 0.00	30.42 2.18 0.00	32.43 1.92 0.00	37.33 1.95 0.00	48.17 2.85 0.00	53.60 3.32 0.00	49.91 3.52 0.00	47.66 3.45 0.00	44.51 3.11 0.00	42.39 3.07 0.00	41.56 3.08 0.00	41.11 3.12 0.00	41.22 3.11 -0.22	43.62 3.25 -0.20	46.43 3.28 -0.01	52.52 3.80 -0.01	58.81 4.01 -0.54	62.76 4.81 -0.01	64.94 4.70 -0.01	53.52 3.38 -0.39	45.84 2.80 0.00	37.91 2.25 0.00
CHAFFEE___LFGE 323603	36.79 0.61 0.00	30.71 -0.76 0.00	28.65 -0.89 0.00	27.54 -0.71 0.00	29.53 -0.98 0.00	33.93 -1.45 0.00	42.50 -2.81 0.00	47.11 -3.17 0.00	43.27 -3.11 0.00	40.94 -3.27 0.00	38.88 -2.53 0.00	36.53 -2.79 0.00	35.67 -2.81 0.00	35.22 -2.77 0.00	35.09 -2.80 0.00	36.87 -3.29 0.00	39.51 -3.62 0.01	44.34 -3.85 0.53	50.17 -4.07 0.01	54.70 -3.24 0.00	57.16 -3.07 0.00	46.26 -3.48 0.00	40.11 -2.93 0.00	34.45 -1.21 0.00
CHATEAUG_35_KV_LOAD 355732	35.45 -0.72 0.00	30.84 -0.63 0.00	28.89 -0.65 0.00	27.54 -0.71 0.00	29.93 -0.58 0.00	35.13 -0.25 0.00	45.18 -0.14 0.00	50.03 -0.25 0.00	45.92 -0.46 0.00	43.86 -0.35 0.00	41.08 -0.33 0.00	39.17 -0.16 0.00	38.32 -0.15 0.00	37.84 -0.15 0.00	37.74 -0.15 0.00	39.88 -0.28 0.00	42.88 -0.26 0.00	48.28 -0.44 0.00	53.55 -0.71 0.00	56.49 -1.45 0.00	58.72 -1.51 0.00	49.10 -0.65 0.00	42.91 -0.13 0.00	35.59 -0.07 0.00
CHATEAUG_WT_PWR 323614	35.48 -0.69 0.00	30.84 -0.63 0.00	28.89 -0.65 0.00	27.54 -0.71 0.00	29.93 -0.58 0.00	35.10 -0.28 0.00	45.13 -0.18 0.00	49.98 -0.30 0.00	45.92 -0.46 0.00	43.86 -0.36 0.00	41.12 -0.29 0.00	39.17 -0.16 0.00	38.32 -0.15 0.00	37.88 -0.11 0.00	37.78 -0.11 0.00	39.89 -0.28 0.00	42.89 -0.26 0.00	48.23 -0.49 0.00	53.49 -0.76 0.00	56.49 -1.45 0.00	58.73 -1.50 0.00	49.05 -0.70 0.00	42.83 -0.21 0.00	35.56 -0.11 0.00
CHAT_HIGH_FALL_HYD 323578	35.45 -0.72 0.00	30.84 -0.63 0.00	28.89 -0.65 0.00	27.54 -0.71 0.00	29.93 -0.58 0.00	35.13 -0.25 0.00	45.18 -0.14 0.00	50.03 -0.25 0.00	45.92 -0.46 0.00	43.86 -0.35 0.00	41.08 -0.33 0.00	39.17 -0.16 0.00	38.32 -0.15 0.00	37.84 -0.15 0.00	37.74 -0.15 0.00	39.88 -0.28 0.00	42.88 -0.26 0.00	48.28 -0.44 0.00	53.55 -0.71 0.00	56.49 -1.45 0.00	58.72 -1.51 0.00	49.10 -0.65 0.00	42.91 -0.13 0.00	35.59 -0.07 0.00
CHAUTAUQUA___LFGE 323629	37.40 1.23 0.00	31.18 -0.28 0.00	29.10 -0.44 0.00	27.97 -0.28 0.00	29.99 -0.52 0.00	34.46 -0.92 0.00	43.18 -2.13 0.00	47.97 -2.31 0.00	44.06 -2.32 0.00	41.60 -2.61 0.00	39.50 -1.90 0.00	37.12 -2.20 0.00	36.21 -2.27 0.00	35.75 -2.24 0.00	35.58 -2.31 0.00	37.31 -2.85 0.00	39.99 -3.15 0.01	44.77 -3.36 0.58	50.83 -3.42 0.01	55.62 -2.32 0.00	58.12 -2.11 0.00	47.06 -2.69 0.00	40.80 -2.24 0.00	35.02 -0.64 0.00
CHERRYST_13_KV_LD 356241	38.74 2.57 0.00	33.86 2.39 0.00	31.87 2.33 0.00	30.48 2.23 0.00	32.49 1.98 0.00	37.43 2.05 0.00	48.30 2.99 0.00	53.75 3.47 0.00	50.05 3.66 0.00	47.84 3.63 0.00	44.68 3.27 0.00	42.55 3.22 0.00	41.71 3.23 0.00	41.26 3.27 0.00	41.37 3.26 -0.22	43.78 3.41 -0.20	46.60 3.45 -0.01	52.72 3.99 -0.01	58.97 4.18 -0.54	62.93 4.98 -0.01	65.12 4.88 -0.01	53.67 3.53 -0.39	45.97 2.93 0.00	38.02 2.35 0.00

CHESTROR_138KV_BK263 355645	37.91 1.74 0.00	33.16 1.70 0.00	31.22 1.68 0.00	29.86 1.61 0.00	31.91 1.40 0.00	36.80 1.42 0.00	47.26 1.95 0.00	52.49 2.21 0.00	48.65 2.27 0.00	46.38 2.17 0.00	43.35 1.95 0.00	41.25 1.93 0.00	40.40 1.92 0.00	39.93 1.94 0.00	39.82 1.93 0.00	42.21 2.05 0.00	45.21 2.07 0.00	51.30 2.58 0.00	57.02 2.77 0.00	61.47 3.53 0.00	63.60 3.37 0.00	52.08 2.34 0.00	44.94 1.89 0.00	37.20 1.53 0.00
CH_MIDHUDSON___DRP 24192	38.12 1.95 0.00	33.38 1.92 0.00	31.40 1.86 0.00	30.03 1.78 0.00	32.07 1.56 0.00	36.97 1.59 0.00	47.53 2.22 0.00	52.80 2.51 0.00	48.93 2.55 0.00	46.64 2.43 0.00	43.56 2.15 0.00	41.41 2.08 0.00	40.55 2.08 0.00	40.08 2.09 0.00	40.01 2.12 0.00	42.41 2.25 0.00	45.43 2.29 0.00	51.59 2.87 0.00	57.40 3.15 0.00	61.88 3.94 0.00	63.96 3.73 0.00	52.33 2.59 0.00	45.20 2.15 0.00	37.38 1.71 0.00
CH_MISC_IPPS 23765	38.23 2.06 0.00	33.45 1.98 0.00	31.46 1.92 0.00	30.11 1.86 0.00	32.19 1.68 0.00	37.08 1.70 0.00	47.71 2.40 0.00	52.89 2.61 0.00	49.02 2.64 0.00	46.69 2.47 0.00	43.56 2.15 0.00	41.41 2.08 0.00	40.52 2.04 0.00	40.04 2.05 0.00	39.97 2.08 0.00	42.37 2.21 0.00	45.43 2.29 0.00	51.59 2.87 0.00	57.56 3.31 0.00	62.05 4.11 0.00	64.27 4.04 0.00	52.48 2.73 0.00	45.32 2.28 0.00	37.45 1.78 0.00
CH_RES_BVR_FALLS 23983	35.34 -0.83 0.00	30.68 -0.79 0.00	28.74 -0.80 0.00	27.43 -0.82 0.00	29.78 -0.73 0.00	34.75 -0.64 0.00	44.59 -0.73 0.00	49.43 -0.86 0.00	45.50 -0.88 0.00	43.46 -0.75 0.00	40.74 -0.66 0.00	38.77 -0.55 0.00	37.94 -0.54 0.00	37.50 -0.49 0.00	37.44 -0.45 0.00	39.64 -0.52 0.00	42.67 -0.47 0.00	48.08 -0.63 0.00	53.49 -0.76 0.00	56.78 -1.16 0.00	59.08 -1.15 0.00	49.10 -0.65 0.00	42.65 -0.39 0.00	35.34 -0.32 0.00
CH_RES_NIAGARA 23895	35.48 -0.69 0.00	29.83 -1.64 0.00	27.85 -1.68 0.00	26.78 -1.47 0.00	28.65 -1.86 0.00	32.94 -2.44 0.00	41.19 -4.12 0.00	45.45 -4.83 0.00	41.84 -4.55 0.00	39.75 -4.47 0.00	37.56 -3.85 0.00	35.43 -3.89 0.00	34.55 -3.92 0.00	34.16 -3.84 0.00	34.03 -3.87 0.00	35.67 -4.50 0.00	38.35 -4.79 0.01	41.85 -6.33 0.53	48.33 -5.91 0.01	52.67 -5.27 0.00	55.41 -4.82 0.00	44.52 -5.22 0.00	38.82 -4.22 0.00	33.35 -2.32 0.00
CH_RES_SYRACUSE 23985	36.24 0.07 0.00	31.31 -0.16 0.00	29.33 -0.21 0.00	28.08 -0.17 0.00	30.24 -0.28 0.00	34.96 -0.42 0.00	44.81 -0.50 0.00	49.68 -0.60 0.00	45.73 -0.65 0.00	43.55 -0.66 0.00	40.83 -0.58 0.00	38.74 -0.59 0.00	37.94 -0.54 0.00	37.50 -0.49 0.00	37.36 -0.53 0.00	39.60 -0.56 0.00	42.50 -0.65 0.00	47.99 -0.73 0.00	53.55 -0.71 0.00	57.47 -0.47 0.00	59.87 -0.36 0.00	49.25 -0.50 0.00	42.44 -0.60 0.00	35.24 -0.43 0.00
CLINTON_WT_PWR 323605	35.48 -0.69 0.00	30.84 -0.63 0.00	28.89 -0.65 0.00	27.54 -0.71 0.00	29.93 -0.58 0.00	35.10 -0.28 0.00	45.13 -0.18 0.00	49.98 -0.30 0.00	45.92 -0.46 0.00	43.86 -0.36 0.00	41.12 -0.29 0.00	39.17 -0.16 0.00	38.32 -0.15 0.00	37.88 -0.11 0.00	37.78 -0.11 0.00	39.89 -0.28 0.00	42.89 -0.26 0.00	48.23 -0.49 0.00	53.49 -0.76 0.00	56.49 -1.45 0.00	58.73 -1.50 0.00	49.05 -0.70 0.00	42.83 -0.21 0.00	35.56 -0.11 0.00
CLINTON___LFGE 323618	36.24 0.07 0.00	31.56 0.09 0.00	29.54 0.00 0.00	28.14 -0.11 0.00	30.51 0.00 0.00	35.88 0.50 0.00	46.22 0.91 0.00	51.23 0.95 0.00	46.89 0.51 0.00	44.75 0.53 0.00	41.94 0.54 0.00	40.03 0.71 0.00	39.17 0.69 0.00	38.68 0.68 0.00	38.57 0.68 0.00	40.73 0.56 0.00	43.88 0.73 0.00	49.40 0.68 0.00	54.79 0.54 0.00	57.88 -0.06 0.00	60.17 -0.06 0.00	50.10 0.35 0.00	43.82 0.78 0.00	36.31 0.64 0.00
COBBLENY_34_KV_TB1 80064	36.79 0.61 0.00	30.71 -0.76 0.00	28.62 -0.92 0.00	27.54 -0.71 0.00	29.44 -1.07 0.00	33.93 -1.45 0.00	42.50 -2.81 0.00	47.11 -3.17 0.00	43.27 -3.11 0.00	40.94 -3.27 0.00	38.76 -2.65 0.00	36.53 -2.79 0.00	35.67 -2.81 0.00	35.22 -2.77 0.00	35.09 -2.80 0.00	36.87 -3.29 0.00	39.55 -3.58 0.01	44.64 -3.56 0.53	50.07 -4.18 0.01	54.75 -3.19 0.00	57.58 -2.65 0.00	46.36 -3.38 0.00	40.25 -2.80 0.00	34.45 -1.21 0.00
COFFEEN___115KV_TB3 355620	36.14 -0.04 0.00	31.25 -0.22 0.00	29.07 -0.47 0.00	27.82 -0.42 0.00	30.15 -0.37 0.00	35.21 -0.18 0.00	45.09 -0.23 0.00	49.73 -0.55 0.00	45.31 -1.07 0.00	42.80 -1.41 0.00	40.04 -1.37 0.00	37.95 -1.38 0.00	37.09 -1.39 0.00	36.66 -1.33 0.00	36.68 -1.21 0.00	39.00 -1.16 0.00	41.98 -1.16 0.00	47.74 -0.97 0.00	53.76 -0.49 0.00	58.23 0.29 0.00	61.13 0.90 0.00	50.24 0.50 0.00	43.30 0.26 0.00	35.41 -0.25 0.00
COLDSPRG_115KV_BK1 355956	38.09 1.92 0.00	31.59 0.13 0.00	29.45 -0.09 0.00	28.33 0.08 0.00	30.30 -0.21 0.00	34.92 -0.46 0.00	43.86 -1.45 0.00	48.97 -1.31 0.00	45.04 -1.35 0.00	42.40 -1.81 0.00	40.25 -1.16 0.00	37.87 -1.46 0.00	36.94 -1.54 0.00	36.47 -1.52 0.00	36.26 -1.63 0.00	38.04 -2.13 0.00	40.67 -2.46 0.01	46.98 -1.46 0.28	51.53 -2.71 0.01	56.66 -1.27 0.00	59.57 -0.66 0.00	47.95 -1.79 0.00	41.58 -1.46 0.00	35.52 -0.14 0.00
COLONIE_LFGE___ 323577	37.44 1.27 0.00	32.88 1.42 0.00	30.96 1.42 0.00	29.58 1.33 0.00	31.64 1.13 0.00	36.59 1.20 0.00	46.76 1.45 0.00	52.14 1.86 0.00	48.10 1.72 0.00	45.89 1.68 0.00	42.86 1.45 0.00	40.66 1.34 0.00	39.82 1.35 0.00	39.25 1.25 0.00	39.10 1.21 0.00	41.69 1.53 0.00	44.78 1.64 0.00	50.67 1.95 0.00	59.44 2.38 -2.80	60.72 2.78 0.00	63.00 2.77 0.00	51.68 1.94 0.00	44.64 1.59 0.00	36.66 1.00 0.00
COOPERNY_115KV_TB1 80082	37.58 1.41 0.00	32.82 1.35 0.00	30.87 1.33 0.00	29.52 1.27 0.00	31.64 1.13 0.00	36.48 1.10 0.00	46.81 1.50 0.00	51.99 1.71 0.00	48.14 1.76 0.00	45.89 1.68 0.00	42.94 1.53 0.00	40.78 1.46 0.00	39.98 1.50 0.00	39.48 1.48 0.00	39.41 1.52 0.00	41.77 1.61 0.00	44.74 1.60 0.00	50.72 2.00 0.00	56.37 2.12 0.00	60.66 2.72 0.00	62.94 2.71 0.00	51.59 1.84 0.00	44.55 1.51 0.00	36.88 1.21 0.00
COPENHAGEN_WT_PWR 323753	35.92 -0.25 0.00	31.06 -0.41 0.00	28.95 -0.59 0.00	27.68 -0.56 0.00	29.99 -0.52 0.00	34.96 -0.42 0.00	44.77 -0.54 0.00	49.43 -0.86 0.00	45.18 -1.21 0.00	42.71 -1.50 0.00	40.00 -1.41 0.00	37.91 -1.41 0.00	37.05 -1.42 0.00	36.66 -1.33 0.00	36.64 -1.25 0.00	38.92 -1.25 0.00	41.89 -1.25 0.00	47.60 -1.12 0.00	53.44 -0.81 0.00	57.77 -0.17 0.00	60.53 0.30 0.00	49.80 0.05 0.00	42.91 -0.13 0.00	35.20 -0.46 0.00
CORNELL_____ 23752	37.33 1.16 0.00	32.22 0.76 0.00	30.13 0.59 0.00	28.87 0.62 0.00	31.09 0.58 0.00	35.95 0.57 0.00	46.08 0.77 0.00	50.99 0.70 0.00	46.85 0.46 0.00	44.43 0.22 0.00	41.62 0.21 0.00	39.40 0.08 0.00	38.55 0.08 0.00	38.11 0.11 0.00	38.04 0.15 0.00	40.33 0.16 0.00	43.40 0.22 -0.04	49.42 0.44 -0.26	55.00 0.71 -0.04	59.33 1.39 0.00	61.92 1.69 0.00	50.79 1.04 0.00	43.69 0.65 0.00	36.23 0.57 0.00

CORONA_69_KV_TB1 355595	54.76 3.29 -15.30	47.89 3.21 -13.22	34.78 3.16 -2.08	31.30 3.02 -0.03	33.38 2.84 -0.03	38.46 3.04 -0.03	49.29 3.94 -0.03	54.62 4.32 -0.01	50.91 4.50 -0.03	48.53 4.29 -0.03	49.80 3.56 -4.83	52.98 3.42 -10.23	53.12 3.39 -11.26	50.04 3.42 -8.62	72.37 3.41 -31.07	69.83 3.61 -26.05	83.79 3.75 -36.89	101.25 4.43 -48.10	113.91 4.39 -55.26	112.81 5.33 -49.54	121.08 5.30 -55.55	94.02 3.83 -40.44	47.17 3.83 -0.30	48.14 3.07 -9.41
CORTLAND_115KV_TB3 80093	36.93 0.76 0.00	31.94 0.47 0.00	29.89 0.35 0.00	28.64 0.40 0.00	30.82 0.31 0.00	35.63 0.25 0.00	45.63 0.32 0.00	50.53 0.25 0.00	46.52 0.14 0.00	44.21 0.00 0.00	41.41 0.00 0.00	39.25 -0.08 0.00	38.44 -0.04 0.00	37.99 0.00 0.00	37.89 0.00 0.00	40.17 0.00 -0.01	43.11 0.00 0.00	48.87 0.15 0.00	54.53 0.27 -0.01	58.75 0.81 0.00	61.25 1.02 0.00	50.24 0.50 0.00	43.26 0.22 0.00	35.91 0.25 0.00
COXSACKIE___GT 23611	37.69 1.52 0.00	33.07 1.60 0.00	31.07 1.54 0.00	29.69 1.44 0.00	31.79 1.28 0.00	36.73 1.34 0.00	47.13 1.81 0.00	51.99 1.71 0.00	47.68 1.30 0.00	45.10 0.88 0.00	42.07 0.66 0.00	39.76 0.43 0.00	38.86 0.38 0.00	38.26 0.27 0.00	38.23 0.34 0.00	40.73 0.56 0.00	43.75 0.60 0.00	49.98 1.26 0.00	54.49 2.55 2.31	60.78 2.84 0.00	62.82 2.59 0.00	51.44 1.69 0.00	44.42 1.38 0.00	36.70 1.03 0.00
CPV_VALLEY___CC1 323721	37.80 1.63 0.00	33.07 1.60 0.00	31.10 1.56 0.00	29.74 1.50 0.00	31.85 1.34 0.00	36.69 1.31 0.00	47.13 1.81 0.00	52.34 2.06 0.00	48.52 2.13 0.00	46.29 2.08 0.00	43.27 1.87 0.00	41.14 1.81 0.00	40.32 1.85 0.00	39.82 1.82 0.00	39.75 1.86 0.00	42.13 1.97 0.00	45.13 1.99 0.00	51.10 2.39 0.00	56.86 2.60 0.00	61.24 3.30 0.00	63.54 3.31 0.00	51.99 2.24 0.00	44.85 1.81 0.00	37.09 1.43 0.00
CPV_VALLEY___CC2 323722	37.80 1.63 0.00	33.07 1.60 0.00	31.10 1.56 0.00	29.74 1.50 0.00	31.85 1.34 0.00	36.69 1.31 0.00	47.13 1.81 0.00	52.34 2.06 0.00	48.52 2.13 0.00	46.29 2.08 0.00	43.27 1.87 0.00	41.14 1.81 0.00	40.32 1.85 0.00	39.82 1.82 0.00	39.75 1.86 0.00	42.13 1.97 0.00	45.13 1.99 0.00	51.10 2.39 0.00	56.86 2.60 0.00	61.24 3.30 0.00	63.54 3.31 0.00	51.99 2.24 0.00	44.85 1.81 0.00	37.09 1.43 0.00
CRESCENT___HYD 24018	37.44 1.27 0.00	32.88 1.42 0.00	30.96 1.42 0.00	29.58 1.33 0.00	31.64 1.13 0.00	36.59 1.20 0.00	46.76 1.45 0.00	52.14 1.86 0.00	48.10 1.72 0.00	45.89 1.68 0.00	42.86 1.45 0.00	40.66 1.34 0.00	39.82 1.35 0.00	39.25 1.25 0.00	39.10 1.21 0.00	41.69 1.53 0.00	44.78 1.64 0.00	50.67 1.95 0.00	59.44 2.38 -2.80	60.72 2.78 0.00	63.00 2.77 0.00	51.68 1.94 0.00	44.64 1.59 0.00	36.66 1.00 0.00
CRICKET___VALLEY_CC1 323756	38.01 1.84 0.00	33.29 1.82 0.00	31.34 1.80 0.00	29.97 1.72 0.00	32.07 1.56 0.00	36.90 1.52 0.00	47.44 2.13 0.00	52.74 2.46 0.00	48.93 2.55 0.00	46.69 2.47 0.00	43.64 2.23 0.00	41.49 2.16 0.00	40.67 2.19 0.00	40.20 2.20 0.00	40.09 2.20 0.00	42.53 2.37 0.00	45.51 2.37 0.00	51.54 2.82 0.00	57.29 3.04 0.00	61.70 3.76 0.00	64.03 3.80 0.00	52.33 2.59 0.00	45.19 2.15 0.00	37.34 1.68 0.00
CRICKET___VALLEY_CC2 323757	38.01 1.84 0.00	33.29 1.82 0.00	31.34 1.80 0.00	29.97 1.72 0.00	32.07 1.56 0.00	36.90 1.52 0.00	47.44 2.13 0.00	52.74 2.46 0.00	48.93 2.55 0.00	46.69 2.47 0.00	43.64 2.23 0.00	41.49 2.16 0.00	40.67 2.19 0.00	40.20 2.20 0.00	40.09 2.20 0.00	42.53 2.37 0.00	45.51 2.37 0.00	51.54 2.82 0.00	57.29 3.04 0.00	61.70 3.76 0.00	64.03 3.80 0.00	52.33 2.59 0.00	45.19 2.15 0.00	37.34 1.68 0.00
CRICKET___VALLEY_CC3 323758	38.01 1.84 0.00	33.29 1.82 0.00	31.34 1.80 0.00	29.97 1.72 0.00	32.07 1.56 0.00	36.90 1.52 0.00	47.44 2.13 0.00	52.74 2.46 0.00	48.93 2.55 0.00	46.69 2.47 0.00	43.64 2.23 0.00	41.49 2.16 0.00	40.67 2.19 0.00	40.20 2.20 0.00	40.09 2.20 0.00	42.53 2.37 0.00	45.51 2.37 0.00	51.54 2.82 0.00	57.29 3.04 0.00	61.70 3.76 0.00	64.03 3.80 0.00	52.33 2.59 0.00	45.19 2.15 0.00	37.34 1.68 0.00
CRUCIBLE_METL_DRP 24180	36.24 0.07 0.00	31.31 -0.16 0.00	29.33 -0.21 0.00	28.08 -0.17 0.00	30.24 -0.27 0.00	34.96 -0.42 0.00	44.81 -0.50 0.00	49.63 -0.65 0.00	45.73 -0.65 0.00	43.55 -0.66 0.00	40.83 -0.58 0.00	38.74 -0.59 0.00	37.94 -0.54 0.00	37.50 -0.49 0.00	37.36 -0.53 0.00	39.60 -0.56 0.00	42.50 -0.65 0.00	47.94 -0.78 0.00	53.55 -0.71 0.00	57.53 -0.41 0.00	59.93 -0.30 0.00	49.25 -0.50 0.00	42.48 -0.56 0.00	35.24 -0.43 0.00
DAHOWA___HYDRO 323763	37.91 1.74 0.00	33.26 1.79 0.00	31.28 1.74 0.00	29.86 1.61 0.00	32.01 1.49 0.00	36.98 1.59 0.00	47.44 2.13 0.00	52.79 2.51 0.00	48.52 2.13 0.00	46.16 1.94 0.00	43.07 1.66 0.00	40.74 1.41 0.00	39.90 1.42 0.00	39.32 1.33 0.00	39.18 1.29 0.00	41.77 1.61 0.00	44.95 1.81 0.00	51.06 2.34 0.00	59.21 3.04 -1.93	61.53 3.59 0.00	63.96 3.74 0.00	52.38 2.63 0.00	45.11 2.07 0.00	37.13 1.46 0.00
DANC___LFGE 323619	35.85 -0.33 0.00	30.99 -0.47 0.00	28.95 -0.59 0.00	27.71 -0.54 0.00	29.96 -0.55 0.00	34.78 -0.60 0.00	44.54 -0.77 0.00	49.28 -1.01 0.00	45.13 -1.25 0.00	42.75 -1.46 0.00	40.08 -1.33 0.00	37.99 -1.34 0.00	37.17 -1.31 0.00	36.74 -1.25 0.00	36.72 -1.17 0.00	38.96 -1.20 0.00	41.89 -1.25 0.00	47.50 -1.22 0.00	53.22 -1.03 0.00	57.36 -0.58 0.00	59.99 -0.24 0.00	49.35 -0.40 0.00	42.57 -0.47 0.00	35.02 -0.64 0.00
DANSKAMMER___1 23586	38.23 2.06 0.00	33.45 1.98 0.00	31.46 1.92 0.00	30.11 1.86 0.00	32.19 1.68 0.00	37.08 1.70 0.00	47.71 2.40 0.00	52.89 2.61 0.00	49.02 2.64 0.00	46.69 2.47 0.00	43.56 2.15 0.00	41.41 2.08 0.00	40.52 2.04 0.00	40.04 2.05 0.00	39.97 2.08 0.00	42.37 2.21 0.00	45.43 2.29 0.00	51.59 2.87 0.00	57.56 3.31 0.00	62.05 4.11 0.00	64.27 4.04 0.00	52.48 2.73 0.00	45.32 2.28 0.00	37.45 1.78 0.00
DANSKAMMER___2 23589	38.23 2.06 0.00	33.45 1.98 0.00	31.46 1.92 0.00	30.11 1.86 0.00	32.19 1.68 0.00	37.08 1.70 0.00	47.71 2.40 0.00	52.89 2.61 0.00	49.02 2.64 0.00	46.69 2.47 0.00	43.56 2.15 0.00	41.41 2.08 0.00	40.52 2.04 0.00	40.04 2.05 0.00	39.97 2.08 0.00	42.37 2.21 0.00	45.43 2.29 0.00	51.59 2.87 0.00	57.56 3.31 0.00	62.05 4.11 0.00	64.27 4.04 0.00	52.48 2.73 0.00	45.32 2.28 0.00	37.45 1.78 0.00
DANSKAMMER___3 23590	38.23 2.06 0.00	33.45 1.98 0.00	31.46 1.92 0.00	30.11 1.86 0.00	32.19 1.68 0.00	37.08 1.70 0.00	47.71 2.40 0.00	52.89 2.61 0.00	49.02 2.64 0.00	46.69 2.47 0.00	43.56 2.15 0.00	41.41 2.08 0.00	40.52 2.04 0.00	40.04 2.05 0.00	39.97 2.08 0.00	42.37 2.21 0.00	45.43 2.29 0.00	51.59 2.87 0.00	57.56 3.31 0.00	62.05 4.11 0.00	64.27 4.04 0.00	52.48 2.73 0.00	45.32 2.28 0.00	37.45 1.78 0.00

DANSKAMMER___4 23591	38.23 2.06 0.00	33.45 1.98 0.00	31.46 1.92 0.00	30.11 1.86 0.00	32.19 1.68 0.00	37.08 1.70 0.00	47.71 2.40 0.00	52.89 2.61 0.00	49.02 2.64 0.00	46.69 2.47 0.00	43.56 2.15 0.00	41.41 2.08 0.00	40.52 2.04 0.00	40.04 2.05 0.00	39.97 2.08 0.00	42.37 2.21 0.00	45.43 2.29 0.00	51.59 2.87 0.00	57.56 3.31 0.00	62.05 4.11 0.00	64.27 4.04 0.00	52.48 2.73 0.00	45.32 2.28 0.00	37.45 1.78 0.00
DANSKAMMER___DIESEL 23592	38.23 2.06 0.00	33.45 1.98 0.00	31.46 1.92 0.00	30.11 1.86 0.00	32.16 1.65 0.00	37.08 1.70 0.00	47.71 2.40 0.00	52.90 2.61 0.00	49.02 2.64 0.00	46.64 2.43 0.00	43.60 2.19 0.00	41.41 2.08 0.00	40.52 2.04 0.00	40.05 2.05 0.00	39.98 2.08 0.00	42.37 2.21 0.00	45.43 2.29 0.00	51.64 2.92 0.00	57.56 3.31 0.00	62.05 4.11 0.00	64.14 3.91 0.00	52.48 2.74 0.00	45.28 2.24 0.00	37.45 1.78 0.00
DARBY___SOLAR 323810	37.84 1.66 0.00	33.20 1.73 0.00	31.22 1.68 0.00	29.80 1.55 0.00	31.95 1.43 0.00	36.90 1.52 0.00	47.30 1.99 0.00	52.64 2.36 0.00	48.42 2.04 0.00	46.07 1.86 0.00	43.02 1.61 0.00	40.70 1.38 0.00	39.86 1.38 0.00	39.29 1.29 0.00	39.14 1.25 0.00	41.73 1.56 0.00	44.87 1.73 0.00	50.96 2.24 0.00	59.17 2.87 -2.04	61.36 3.42 0.00	63.78 3.55 0.00	52.23 2.49 0.00	45.02 1.98 0.00	37.02 1.35 0.00
DASHVILLE___HYD 23610	37.91 1.74 0.00	33.20 1.73 0.00	31.22 1.68 0.00	29.89 1.64 0.00	31.91 1.40 0.00	36.76 1.38 0.00	47.26 1.95 0.00	52.34 2.06 0.00	48.51 2.13 0.00	46.20 1.99 0.00	43.15 1.74 0.00	40.98 1.65 0.00	40.13 1.65 0.00	39.63 1.63 0.00	39.56 1.67 0.00	41.93 1.77 0.00	44.96 1.81 0.00	51.06 2.34 0.00	56.66 2.98 0.58	61.36 3.42 0.00	63.42 3.19 0.00	51.93 2.19 0.00	44.85 1.81 0.00	37.13 1.46 0.00
DELAWARE___LFGE 323621	37.58 1.41 0.00	32.79 1.32 0.00	30.78 1.24 0.00	29.43 1.19 0.00	31.64 1.13 0.00	36.51 1.13 0.00	46.76 1.45 0.00	51.89 1.61 0.00	47.87 1.48 0.00	45.54 1.33 0.00	42.61 1.20 0.00	40.43 1.10 0.00	39.55 1.08 0.00	39.06 1.06 0.00	38.99 1.10 0.00	41.37 1.20 0.00	44.35 1.21 0.00	50.33 1.61 0.00	56.05 1.79 0.00	60.37 2.43 0.00	62.82 2.59 0.00	51.54 1.79 0.00	44.46 1.42 0.00	36.77 1.11 0.00
DERFIELD_115KV_TB7 355931	36.32 0.14 0.00	31.62 0.16 0.00	29.69 0.15 0.00	28.39 0.14 0.00	30.60 0.09 0.00	35.42 0.04 0.00	45.36 0.05 0.00	50.33 0.05 0.00	46.47 0.09 0.00	44.26 0.04 0.00	41.45 0.04 0.00	39.36 0.04 0.00	38.52 0.04 0.00	38.03 0.04 0.00	37.93 0.04 0.00	40.25 0.08 0.00	43.19 0.04 0.00	48.82 0.10 0.00	54.42 0.16 0.00	58.23 0.29 0.00	60.53 0.30 0.00	49.90 0.15 0.00	43.13 0.09 0.00	35.70 0.04 0.00
DOGLEVILLE___HYD 23807	35.77 -0.40 0.00	31.18 -0.28 0.00	29.30 -0.24 0.00	28.02 -0.23 0.00	30.21 -0.31 0.00	34.99 -0.39 0.00	44.86 -0.45 0.00	49.78 -0.50 0.00	45.92 -0.46 0.00	43.68 -0.53 0.00	40.91 -0.50 0.00	38.81 -0.51 0.00	37.94 -0.54 0.00	37.42 -0.57 0.00	37.32 -0.57 0.00	39.56 -0.60 0.00	42.45 -0.69 0.00	47.89 -0.83 0.00	53.44 -0.81 0.00	57.24 -0.70 0.00	59.57 -0.66 0.00	49.05 -0.70 0.00	42.40 -0.65 0.00	35.02 -0.64 0.00
DUNKIRK___115KV_TB_200 55889	37.29 1.12 0.00	31.15 -0.31 0.00	29.04 -0.50 0.00	27.94 -0.31 0.00	29.87 -0.64 0.00	34.39 -0.99 0.00	43.09 -2.22 0.00	47.87 -2.41 0.00	43.97 -2.41 0.00	41.56 -2.65 0.00	39.38 -2.03 0.00	37.08 -2.24 0.00	36.17 -2.31 0.00	35.75 -2.24 0.00	35.54 -2.35 0.00	37.27 -2.89 0.00	39.98 -3.15 0.01	44.96 -3.17 0.59	50.72 -3.53 0.01	55.62 -2.32 0.00	58.42 -1.81 0.00	47.06 -2.69 0.00	40.85 -2.20 0.00	34.95 -0.71 0.00
DUNKIRK___1 23563	37.29 1.12 0.00	31.15 -0.31 0.00	29.04 -0.50 0.00	27.94 -0.31 0.00	29.87 -0.64 0.00	34.39 -0.99 0.00	43.09 -2.22 0.00	47.87 -2.41 0.00	43.97 -2.41 0.00	41.56 -2.65 0.00	39.38 -2.03 0.00	37.08 -2.24 0.00	36.17 -2.31 0.00	35.75 -2.24 0.00	35.54 -2.35 0.00	37.27 -2.89 0.00	39.98 -3.15 0.01	44.96 -3.17 0.59	50.72 -3.53 0.01	55.62 -2.32 0.00	58.42 -1.81 0.00	47.06 -2.69 0.00	40.85 -2.20 0.00	34.95 -0.71 0.00
DUNKIRK___2 23564	37.29 1.12 0.00	31.15 -0.31 0.00	29.04 -0.50 0.00	27.94 -0.31 0.00	29.87 -0.64 0.00	34.39 -0.99 0.00	43.09 -2.22 0.00	47.87 -2.41 0.00	43.97 -2.41 0.00	41.56 -2.65 0.00	39.38 -2.03 0.00	37.08 -2.24 0.00	36.17 -2.31 0.00	35.75 -2.24 0.00	35.54 -2.35 0.00	37.27 -2.89 0.00	39.98 -3.15 0.01	44.96 -3.17 0.59	50.72 -3.53 0.01	55.62 -2.32 0.00	58.42 -1.81 0.00	47.06 -2.69 0.00	40.85 -2.20 0.00	34.95 -0.71 0.00
DUNKIRK___3 23565	36.97 0.80 0.00	30.93 -0.53 0.00	28.86 -0.68 0.00	27.77 -0.48 0.00	29.69 -0.82 0.00	34.18 -1.20 0.00	42.87 -2.45 0.00	47.52 -2.77 0.00	43.64 -2.74 0.00	41.29 -2.92 0.00	39.09 -2.32 0.00	36.85 -2.48 0.00	35.98 -2.50 0.00	35.52 -2.47 0.00	35.35 -2.54 0.00	37.11 -3.05 0.00	39.77 -3.37 0.01	44.71 -3.36 0.65	50.39 -3.85 0.01	55.22 -2.72 0.00	58.06 -2.17 0.00	46.71 -3.03 0.00	40.55 -2.50 0.00	34.70 -0.96 0.00
DUNKIRK___4 23566	36.97 0.80 0.00	30.93 -0.53 0.00	28.86 -0.68 0.00	27.77 -0.48 0.00	29.69 -0.82 0.00	34.18 -1.20 0.00	42.87 -2.45 0.00	47.52 -2.77 0.00	43.64 -2.74 0.00	41.29 -2.92 0.00	39.09 -2.32 0.00	36.85 -2.48 0.00	35.98 -2.50 0.00	35.52 -2.47 0.00	35.35 -2.54 0.00	37.11 -3.05 0.00	39.77 -3.37 0.01	44.71 -3.36 0.65	50.39 -3.85 0.01	55.22 -2.72 0.00	58.06 -2.17 0.00	46.71 -3.03 0.00	40.55 -2.50 0.00	34.70 -0.96 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	38.41 2.24 0.00	33.61 2.14 0.00	31.64 2.10 0.00	30.25 2.01 0.00	32.28 1.77 0.00	37.22 1.84 0.00	47.89 2.58 0.00	53.30 3.02 0.00	49.54 3.15 0.00	47.26 3.05 0.00	44.18 2.77 0.00	42.04 2.71 0.00	41.25 2.77 0.00	40.77 2.77 0.00	40.90 2.77 -0.24	43.27 2.89 -0.21	46.13 2.98 -0.01	52.28 3.56 -0.01	58.51 3.69 -0.56	62.47 4.52 -0.01	64.70 4.46 -0.01	53.28 3.13 -0.40	45.63 2.58 0.00	37.73 2.07 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	38.05 1.88 0.00	33.32 1.86 0.00	31.34 1.80 0.00	30.00 1.75 0.00	32.04 1.53 0.00	36.94 1.56 0.00	47.49 2.17 0.00	52.69 2.41 0.00	48.84 2.46 0.00	46.56 2.34 0.00	43.48 2.07 0.00	41.33 2.01 0.00	40.48 2.00 0.00	40.01 2.01 0.00	39.90 2.01 0.00	42.29 2.13 0.00	45.30 2.16 0.00	51.45 2.73 0.00	57.29 3.04 0.00	61.76 3.82 0.00	63.90 3.67 0.00	52.28 2.54 0.00	45.11 2.07 0.00	37.30 1.64 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	38.92 2.75 0.00	33.95 2.49 0.00	32.11 2.57 0.00	30.71 2.46 0.00	32.53 2.01 0.00	37.12 1.73 0.00	47.89 2.58 0.00	53.25 2.97 0.00	49.58 3.20 0.00	47.35 3.14 0.00	44.18 2.77 0.00	42.08 2.75 0.00	41.25 2.77 0.00	40.80 2.81 0.00	41.17 2.80 -0.47	43.56 2.97 -0.42	45.97 2.80 -0.02	52.29 3.56 -0.01	58.76 3.42 -1.09	62.06 4.11 -0.01	64.16 3.91 -0.01	53.46 2.94 -0.78	45.54 2.50 0.00	37.80 2.14 0.00

E179THST_13_KV_LOAD 356214	39.06 2.89 0.00	34.08 2.61 0.00	32.20 2.66 0.00	30.79 2.54 0.00	32.62 2.11 0.00	37.22 1.84 0.00	48.08 2.76 0.00	53.45 3.17 0.00	49.77 3.39 0.00	47.57 3.36 0.00	44.39 2.98 0.00	42.27 2.95 0.00	41.44 2.96 0.00	40.96 2.96 0.00	41.36 2.99 -0.47	43.76 3.17 -0.42	46.18 3.02 -0.02	52.53 3.80 -0.01	59.03 3.69 -1.09	62.35 4.40 -0.01	64.46 4.22 -0.01	53.71 3.18 -0.78	45.75 2.71 0.00	37.95 2.28 0.00
EAST HAMPTON___GT 23717	44.14 3.22 -4.75	38.30 2.74 -4.10	32.87 2.69 -0.64	30.91 2.65 -0.01	32.99 2.47 -0.01	37.87 2.48 -0.01	48.67 3.35 -0.01	54.01 3.72 0.00	50.01 3.62 -0.01	47.67 3.45 -0.01	45.10 2.19 -1.50	44.58 2.08 -3.18	44.13 2.15 -3.49	42.80 2.13 -2.68	46.23 2.16 -6.18	47.78 2.61 -5.00	55.51 2.76 -9.60	67.02 3.46 -14.85	65.69 4.28 -7.15	75.87 5.15 -12.77	79.52 4.94 -14.35	59.65 3.43 -6.47	45.81 2.67 -0.09	41.47 2.89 -2.92
EAST RIVER___6 23660	38.67 2.49 0.00	33.83 2.36 0.00	31.84 2.31 0.00	30.45 2.20 0.00	32.49 1.98 0.00	37.36 1.98 0.00	48.26 2.94 0.00	53.75 3.47 0.00	50.09 3.71 0.00	47.88 3.67 0.00	44.68 3.27 0.00	42.59 3.26 0.00	41.75 3.27 0.00	41.30 3.30 0.00	41.41 3.29 -0.22	43.82 3.45 -0.20	46.65 3.49 -0.01	52.72 4.00 -0.01	59.03 4.23 -0.54	62.99 5.04 -0.01	65.30 5.06 -0.01	53.67 3.53 -0.39	46.01 2.97 0.00	37.98 2.32 0.00
EAST RIVER___7 23524	38.67 2.49 0.00	33.83 2.36 0.00	31.84 2.31 0.00	30.45 2.20 0.00	32.49 1.98 0.00	37.36 1.98 0.00	48.26 2.94 0.00	53.75 3.47 0.00	50.09 3.71 0.00	47.88 3.67 0.00	44.68 3.27 0.00	42.59 3.26 0.00	41.75 3.27 0.00	41.30 3.30 0.00	41.41 3.29 -0.22	43.82 3.45 -0.20	46.65 3.49 -0.01	52.72 4.00 -0.01	59.03 4.23 -0.54	62.99 5.04 -0.01	65.30 5.06 -0.01	53.67 3.53 -0.39	46.01 2.97 0.00	37.98 2.32 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	38.34 2.17 0.00	33.57 2.11 0.00	31.58 2.04 0.00	30.23 1.98 0.00	32.25 1.74 0.00	37.15 1.77 0.00	47.80 2.49 0.00	53.20 2.92 0.00	49.44 3.06 0.00	47.17 2.96 0.00	44.10 2.69 0.00	41.96 2.63 0.00	41.13 2.65 0.00	40.65 2.66 0.00	40.58 2.69 0.00	42.98 2.81 0.00	45.99 2.85 0.00	52.13 3.41 0.00	57.83 3.58 0.00	62.34 4.40 0.00	64.51 4.28 0.00	52.78 3.03 0.00	45.54 2.50 0.00	37.66 2.00 0.00
EAST_HAMPTON___DIESEL 23722	44.06 3.15 -4.75	38.24 2.67 -4.10	32.81 2.63 -0.64	30.83 2.57 -0.01	32.90 2.38 -0.01	37.80 2.41 -0.01	48.59 3.26 -0.01	53.91 3.62 0.00	49.91 3.52 -0.01	47.63 3.40 -0.01	45.02 2.11 -1.50	44.51 2.00 -3.18	44.05 2.08 -3.49	42.72 2.05 -2.68	46.15 2.08 -6.18	47.66 2.49 -5.00	55.42 2.68 -9.60	66.92 3.36 -14.85	65.58 4.18 -7.15	75.70 4.98 -12.77	79.40 4.82 -14.35	59.50 3.28 -6.47	45.72 2.58 -0.09	41.40 2.82 -2.92
EAST_POINT___SOLAR 323840	39.28 3.11 0.00	34.24 2.77 0.00	32.14 2.60 0.00	30.65 2.40 0.00	32.98 2.47 0.00	38.14 2.76 0.00	48.75 3.44 0.00	53.60 3.32 0.00	48.65 2.27 0.00	45.98 1.77 0.00	43.48 2.07 0.00	41.14 1.81 0.00	40.21 1.73 0.00	39.66 1.67 0.00	39.41 1.52 0.00	41.85 1.69 0.00	45.04 1.90 0.00	51.49 2.78 0.00	59.26 4.07 -0.94	63.27 5.33 0.00	66.31 6.08 0.00	54.17 4.43 0.00	46.49 3.44 0.00	38.30 2.64 0.00
EAST_PULASKI___ESR 323781	35.85 -0.33 0.00	30.99 -0.47 0.00	29.01 -0.53 0.00	27.77 -0.48 0.00	29.96 -0.55 0.00	34.67 -0.71 0.00	44.41 -0.91 0.00	49.17 -1.11 0.00	45.18 -1.21 0.00	42.93 -1.28 0.00	40.25 -1.16 0.00	38.15 -1.18 0.00	37.32 -1.15 0.00	36.89 -1.10 0.00	36.83 -1.06 0.00	39.04 -1.12 0.00	41.94 -1.21 0.00	47.45 -1.27 0.00	53.06 -1.19 0.00	57.07 -0.87 0.00	59.51 -0.72 0.00	49.00 -0.74 0.00	42.22 -0.82 0.00	34.91 -0.75 0.00
EAST_RIVER___1 323558	38.63 2.46 0.00	33.79 2.33 0.00	31.81 2.27 0.00	30.42 2.18 0.00	32.47 1.95 0.00	37.33 1.94 0.00	48.17 2.86 0.00	53.60 3.32 0.00	49.90 3.52 0.00	47.66 3.45 0.00	44.52 3.11 0.00	42.39 3.07 0.00	41.56 3.08 0.00	41.11 3.12 0.00	41.22 3.11 -0.22	43.62 3.25 -0.20	46.43 3.28 -0.01	52.47 3.75 -0.01	58.75 3.96 -0.54	62.75 4.81 -0.01	65.12 4.88 -0.01	53.52 3.38 -0.39	45.93 2.88 0.00	37.91 2.25 0.00
EAST_RIVER___2 323559	38.67 2.49 0.00	33.83 2.36 0.00	31.84 2.31 0.00	30.45 2.20 0.00	32.49 1.98 0.00	37.36 1.98 0.00	48.26 2.94 0.00	53.75 3.47 0.00	50.09 3.71 0.00	47.88 3.67 0.00	44.68 3.27 0.00	42.59 3.26 0.00	41.75 3.27 0.00	41.30 3.30 0.00	41.41 3.29 -0.22	43.82 3.45 -0.20	46.65 3.49 -0.01	52.72 4.00 -0.01	59.03 4.23 -0.54	62.99 5.04 -0.01	65.30 5.06 -0.01	53.67 3.53 -0.39	46.01 2.97 0.00	37.98 2.32 0.00
EAST___DELAWARE_HYD 23607	38.34 2.17 0.00	33.51 2.04 0.00	31.49 1.95 0.00	30.17 1.92 0.00	32.25 1.74 0.00	37.22 1.84 0.00	47.85 2.54 0.00	52.84 2.56 0.00	48.88 2.50 0.00	46.47 2.25 0.00	43.35 1.95 0.00	41.10 1.77 0.00	40.21 1.73 0.00	39.70 1.71 0.00	39.71 1.82 0.00	42.09 1.93 0.00	45.09 1.94 0.00	51.40 2.68 0.00	57.36 3.31 0.20	62.05 4.11 0.00	64.20 3.97 0.00	52.48 2.73 0.00	45.32 2.28 0.00	37.48 1.82 0.00
EIGHT_POINT___WT_PWR 323820	37.18 1.01 0.00	31.47 0.00 0.00	29.36 -0.18 0.00	28.14 -0.11 0.00	30.21 -0.31 0.00	34.75 -0.64 0.00	43.95 -1.36 0.00	48.47 -1.81 0.00	44.20 -2.18 0.00	41.78 -2.43 0.00	39.30 -2.11 0.00	36.93 -2.40 0.00	36.05 -2.42 0.00	35.64 -2.36 0.00	35.47 -2.43 0.00	37.43 -2.73 0.00	40.19 -2.94 0.02	48.07 -3.07 -2.42	51.41 -2.82 0.02	56.32 -1.62 0.00	59.08 -1.15 0.00	48.35 -1.39 0.00	41.71 -1.33 0.00	35.42 -0.25 0.00
ELBRIDGE_115KV_TB2 80188	35.99 -0.18 0.00	31.12 -0.35 0.00	29.15 -0.38 0.00	27.91 -0.34 0.00	30.05 -0.46 0.00	34.75 -0.64 0.00	44.50 -0.82 0.00	49.33 -0.96 0.00	45.41 -0.97 0.00	43.24 -0.97 0.00	40.50 -0.91 0.00	38.42 -0.90 0.00	37.63 -0.85 0.00	37.20 -0.80 0.00	37.10 -0.80 0.00	39.28 -0.88 0.00	42.19 -0.95 0.00	47.55 -1.17 0.00	53.17 -1.09 0.00	57.07 -0.87 0.00	59.45 -0.78 0.00	48.85 -0.90 0.00	42.18 -0.86 0.00	34.99 -0.68 0.00
ELEC_TRO_TEK 24086	48.41 2.68 -9.56	42.15 2.42 -8.26	33.20 2.36 -1.30	30.58 2.32 -0.02	32.61 2.07 -0.02	37.60 2.19 -0.02	48.41 3.08 -0.02	53.86 3.57 -0.01	49.79 3.39 -0.02	47.68 3.45 -0.02	47.08 2.65 -3.02	48.32 2.60 -6.40	48.21 2.69 -7.04	46.08 2.70 -5.39	56.02 2.77 -15.36	55.69 2.85 -12.67	66.12 2.93 -20.05	82.20 3.51 -29.97	80.07 3.85 -21.96	89.33 4.69 -26.69	94.77 4.58 -29.96	71.20 3.28 -18.17	45.94 2.71 -0.19	43.97 2.43 -5.88
ELLENBURG_WT_PWR 323604	35.48 -0.69 0.00	30.84 -0.63 0.00	28.89 -0.65 0.00	27.54 -0.71 0.00	29.93 -0.58 0.00	35.10 -0.28 0.00	45.13 -0.18 0.00	49.98 -0.30 0.00	45.92 -0.46 0.00	43.86 -0.36 0.00	41.12 -0.29 0.00	39.17 -0.16 0.00	38.32 -0.15 0.00	37.88 -0.11 0.00	37.78 -0.11 0.00	39.89 -0.28 0.00	42.89 -0.26 0.00	48.23 -0.49 0.00	53.49 -0.76 0.00	56.49 -1.45 0.00	58.73 -1.50 0.00	49.05 -0.70 0.00	42.83 -0.21 0.00	35.56 -0.11 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	36.42 0.25 0.00	30.49 -0.98 0.00	28.47 -1.06 0.00	27.37 -0.88 0.00	29.26 -1.25 0.00	33.68 -1.70 0.00	42.19 -3.13 0.00	46.66 -3.62 0.00	42.95 -3.43 0.00	40.68 -3.54 0.00	38.51 -2.90 0.00	36.30 -3.03 0.00	35.44 -3.04 0.00	34.99 -3.00 0.00	34.86 -3.03 0.00	36.59 -3.57 0.00	39.25 -3.88 0.01	43.65 -4.38 0.68	49.63 -4.61 0.01	54.23 -3.71 0.00	57.04 -3.19 0.00	45.87 -3.88 0.00	39.90 -3.14 0.00	34.17 -1.50 0.00
EMPIRE_CC_1 323656	37.33 1.16 0.00	32.82 1.35 0.00	30.90 1.36 0.00	29.52 1.27 0.00	31.58 1.07 0.00	36.48 1.10 0.00	46.58 1.27 0.00	51.94 1.66 0.00	47.96 1.58 0.00	45.80 1.59 0.00	42.82 1.41 0.00	40.66 1.34 0.00	39.86 1.38 0.00	39.21 1.22 0.00	39.10 1.21 0.00	41.69 1.53 0.00	44.69 1.55 0.00	50.52 1.80 0.00	59.69 2.17 -3.27	60.49 2.55 0.00	62.76 2.53 0.00	51.49 1.74 0.00	44.46 1.42 0.00	36.56 0.89 0.00
EMPIRE_CC_2 323658	37.33 1.16 0.00	32.82 1.35 0.00	30.90 1.36 0.00	29.52 1.27 0.00	31.58 1.07 0.00	36.48 1.10 0.00	46.58 1.27 0.00	51.94 1.66 0.00	47.96 1.58 0.00	45.80 1.59 0.00	42.82 1.41 0.00	40.66 1.34 0.00	39.86 1.38 0.00	39.21 1.22 0.00	39.10 1.21 0.00	41.69 1.53 0.00	44.69 1.55 0.00	50.52 1.80 0.00	59.69 2.17 -3.27	60.49 2.55 0.00	62.76 2.53 0.00	51.49 1.74 0.00	44.46 1.42 0.00	36.56 0.89 0.00
ENORWICH_115KV_TB1 80156	40.08 3.91 0.00	34.68 3.21 0.00	32.37 2.84 0.00	31.04 2.80 0.00	33.59 3.08 0.00	39.10 3.72 0.00	50.16 4.85 0.00	55.26 4.98 0.00	50.42 4.04 0.00	47.17 2.96 0.00	43.98 2.57 0.00	41.45 2.12 0.00	40.40 1.92 0.00	39.93 1.94 0.00	39.98 2.08 0.00	42.62 2.45 0.00	45.92 2.76 -0.02	52.61 3.75 -0.14	58.99 4.72 -0.02	64.25 6.32 0.00	67.52 7.29 0.00	55.17 5.42 0.00	47.35 4.30 0.00	38.77 3.10 0.00
ERIE_ST__34_KV_TB1-2 80199	36.71 0.54 0.00	30.65 -0.82 0.00	28.59 -0.95 0.00	27.49 -0.76 0.00	29.41 -1.10 0.00	33.86 -1.52 0.00	42.41 -2.90 0.00	47.06 -3.22 0.00	43.27 -3.11 0.00	40.94 -3.27 0.00	38.80 -2.61 0.00	36.57 -2.75 0.00	35.71 -2.77 0.00	35.30 -2.70 0.00	35.16 -2.73 0.00	36.91 -3.25 0.00	39.51 -3.62 0.01	45.56 -2.68 0.48	50.01 -4.23 0.01	54.75 -3.19 0.00	57.58 -2.65 0.00	46.31 -3.43 0.00	40.20 -2.84 0.00	34.42 -1.25 0.00
ERIE_WT_PWR 323693	36.68 0.51 0.00	30.65 -0.82 0.00	28.62 -0.92 0.00	27.51 -0.73 0.00	29.47 -1.04 0.00	33.86 -1.52 0.00	42.41 -2.90 0.00	46.96 -3.22 0.00	43.13 -3.25 0.00	40.85 -3.36 0.00	38.80 -2.61 0.00	36.46 -2.87 0.00	35.55 -2.93 0.00	35.14 -2.85 0.00	34.98 -2.92 0.00	36.71 -3.45 0.00	39.42 -3.71 0.01	43.97 -4.09 0.65	49.96 -4.29 0.01	54.46 -3.47 0.00	56.92 -3.31 0.00	46.12 -3.63 0.00	40.03 -3.01 0.00	34.38 -1.28 0.00
ESPRGFLD_115KV_TB1 80157	38.63 2.46 0.00	33.61 2.14 0.00	31.52 1.98 0.00	30.11 1.86 0.00	32.43 1.92 0.00	37.54 2.16 0.00	48.03 2.72 0.00	53.15 2.87 0.00	48.75 2.37 0.00	46.20 1.99 0.00	43.35 1.95 0.00	41.06 1.73 0.00	40.09 1.62 0.00	39.63 1.63 0.00	39.52 1.63 0.00	41.93 1.77 0.00	45.04 1.90 0.00	51.30 2.58 0.00	58.11 3.20 -0.65	62.05 4.11 0.00	64.93 4.70 0.00	53.13 3.38 0.00	45.67 2.63 0.00	37.70 2.03 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	37.26 1.09 0.00	32.19 0.72 0.00	30.10 0.56 0.00	28.84 0.59 0.00	31.06 0.55 0.00	35.91 0.53 0.00	45.99 0.68 0.00	50.93 0.65 0.00	46.80 0.42 0.00	44.39 0.18 0.00	41.57 0.17 0.00	39.36 0.04 0.00	38.52 0.04 0.00	38.07 0.08 0.00	38.01 0.11 0.00	40.29 0.12 0.00	43.35 0.17 -0.03	49.33 0.39 -0.22	54.94 0.65 -0.03	59.21 1.27 0.00	61.80 1.57 0.00	50.69 0.95 0.00	43.65 0.60 0.00	36.16 0.50 0.00
ETNA____115KV_TB2 80207	37.26 1.09 0.00	32.19 0.72 0.00	30.10 0.56 0.00	28.84 0.59 0.00	31.06 0.55 0.00	35.91 0.53 0.00	45.99 0.68 0.00	50.93 0.65 0.00	46.80 0.42 0.00	44.39 0.18 0.00	41.57 0.17 0.00	39.36 0.04 0.00	38.52 0.04 0.00	38.07 0.08 0.00	38.01 0.11 0.00	40.29 0.12 0.00	43.35 0.17 -0.03	49.33 0.39 -0.22	54.94 0.65 -0.03	59.21 1.27 0.00	61.80 1.57 0.00	50.69 0.95 0.00	43.65 0.60 0.00	36.16 0.50 0.00
EUCLID___115KV_TB2 356179	35.95 -0.22 0.00	31.12 -0.35 0.00	29.15 -0.38 0.00	27.91 -0.34 0.00	30.05 -0.46 0.00	34.75 -0.64 0.00	44.45 -0.86 0.00	49.28 -1.01 0.00	45.41 -0.97 0.00	43.24 -0.97 0.00	40.54 -0.87 0.00	38.46 -0.87 0.00	37.67 -0.81 0.00	37.23 -0.76 0.00	37.10 -0.80 0.00	39.32 -0.84 0.00	42.19 -0.95 0.00	47.55 -1.17 0.00	53.17 -1.09 0.00	57.07 -0.87 0.00	59.45 -0.78 0.00	48.80 -0.95 0.00	42.14 -0.90 0.00	34.99 -0.68 0.00
E_CANADA_CAP_HY 24051	38.99 2.82 0.00	34.01 2.55 0.00	31.93 2.39 0.00	30.42 2.18 0.00	32.74 2.23 0.00	37.86 2.48 0.00	48.35 3.04 0.00	53.50 3.22 0.00	48.84 2.46 0.00	46.25 2.03 0.00	43.48 2.07 0.00	41.14 1.81 0.00	40.21 1.73 0.00	39.70 1.71 0.00	39.56 1.67 0.00	41.97 1.81 0.00	45.17 2.03 0.00	51.49 2.78 0.00	58.86 3.74 -0.87	62.69 4.75 0.00	65.71 5.48 0.00	53.73 3.98 0.00	46.14 3.10 0.00	38.02 2.35 0.00
E_CANADA_MHWK_HY 24050	35.77 -0.40 0.00	31.18 -0.28 0.00	29.30 -0.24 0.00	28.02 -0.23 0.00	30.21 -0.31 0.00	34.99 -0.39 0.00	44.86 -0.45 0.00	49.78 -0.50 0.00	45.92 -0.46 0.00	43.68 -0.53 0.00	40.91 -0.50 0.00	38.81 -0.51 0.00	37.94 -0.54 0.00	37.42 -0.57 0.00	37.32 -0.57 0.00	39.56 -0.60 0.00	42.45 -0.69 0.00	47.89 -0.83 0.00	53.44 -0.81 0.00	57.25 -0.69 0.00	59.57 -0.66 0.00	49.05 -0.70 0.00	42.40 -0.64 0.00	35.02 -0.64 0.00
E_FISHKILL___LBMP 23776	38.05 1.88 0.00	33.32 1.86 0.00	31.37 1.83 0.00	30.00 1.75 0.00	32.04 1.53 0.00	36.90 1.52 0.00	47.44 2.13 0.00	52.80 2.51 0.00	48.98 2.60 0.00	46.73 2.52 0.00	43.69 2.28 0.00	41.53 2.20 0.00	40.75 2.27 0.00	40.24 2.24 0.00	40.17 2.27 0.00	42.58 2.41 0.00	45.56 2.42 0.00	51.64 2.92 0.00	57.34 3.09 0.00	61.76 3.82 0.00	63.96 3.73 0.00	52.33 2.59 0.00	45.15 2.11 0.00	37.38 1.71 0.00
FALCON___SEABRD_CC1 323796	36.32 0.15 0.00	31.59 0.13 0.00	29.60 0.06 0.00	28.19 -0.06 0.00	30.57 0.06 0.00	35.91 0.53 0.00	46.27 0.95 0.00	51.29 1.01 0.00	46.98 0.60 0.00	44.83 0.62 0.00	42.03 0.62 0.00	40.11 0.79 0.00	39.25 0.77 0.00	38.75 0.76 0.00	38.65 0.76 0.00	40.81 0.64 0.00	43.92 0.78 0.00	49.40 0.68 0.00	54.79 0.54 0.00	57.82 -0.12 0.00	60.11 -0.12 0.00	50.10 0.35 0.00	43.82 0.78 0.00	36.34 0.68 0.00
FALCON___SEABRD_CC2 323797	36.32 0.15 0.00	31.59 0.13 0.00	29.60 0.06 0.00	28.19 -0.06 0.00	30.57 0.06 0.00	35.91 0.53 0.00	46.27 0.95 0.00	51.29 1.01 0.00	46.98 0.60 0.00	44.83 0.62 0.00	42.03 0.62 0.00	40.11 0.79 0.00	39.25 0.77 0.00	38.75 0.76 0.00	38.65 0.76 0.00	40.81 0.64 0.00	43.92 0.78 0.00	49.40 0.68 0.00	54.79 0.54 0.00	57.82 -0.12 0.00	60.11 -0.12 0.00	50.10 0.35 0.00	43.82 0.78 0.00	36.34 0.68 0.00

FAR ROCKAWAY___4 23548	54.70 3.62 -14.91	47.84 3.49 -12.88	34.96 3.40 -2.02	31.56 3.28 -0.03	33.65 3.11 -0.03	38.77 3.36 -0.03	49.69 4.35 -0.03	55.07 4.78 -0.01	51.33 4.92 -0.03	48.93 4.69 -0.03	50.05 3.93 -4.71	53.11 3.81 -9.98	53.18 3.73 -10.97	50.16 3.76 -8.40	72.50 3.75 -30.86	70.08 4.02 -25.90	83.75 4.14 -36.47	100.48 4.87 -46.89	114.66 4.72 -55.69	112.63 5.68 -49.01	120.78 5.60 -54.95	94.29 4.13 -40.42	47.60 4.26 -0.29	48.22 3.39 -9.17
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	38.59 2.42 0.00	33.76 2.30 0.00	31.78 2.24 0.00	30.39 2.15 0.00	32.40 1.89 0.00	37.29 1.91 0.00	48.12 2.81 0.00	53.55 3.27 0.00	49.81 3.43 0.00	47.62 3.40 0.00	44.47 3.06 0.00	42.35 3.03 0.00	41.52 3.04 0.00	41.03 3.04 0.00	41.35 3.03 -0.43	43.72 3.17 -0.38	46.40 3.24 -0.02	52.48 3.75 -0.01	59.21 3.91 -1.05	62.71 4.75 -0.02	64.83 4.58 -0.02	53.83 3.33 -0.75	45.80 2.75 0.00	37.88 2.21 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	38.59 2.42 0.00	33.76 2.30 0.00	31.78 2.24 0.00	30.39 2.15 0.00	32.40 1.89 0.00	37.33 1.95 0.00	48.12 2.81 0.00	53.55 3.27 0.00	49.86 3.48 0.00	47.62 3.40 0.00	44.47 3.06 0.00	42.35 3.03 0.00	41.52 3.04 0.00	41.03 3.04 0.00	41.19 3.07 -0.23	43.54 3.17 -0.20	46.39 3.24 -0.01	52.47 3.75 -0.01	58.72 3.91 -0.56	62.70 4.75 -0.01	64.88 4.64 -0.01	53.48 3.33 -0.40	45.80 2.75 0.00	37.88 2.21 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	38.59 2.42 0.00	33.73 2.27 0.00	31.78 2.24 0.00	30.39 2.15 0.00	32.37 1.86 0.00	37.29 1.91 0.00	48.08 2.76 0.00	53.50 3.22 0.00	49.81 3.43 0.00	47.62 3.40 0.00	44.43 3.02 0.00	42.31 2.99 0.00	41.52 3.04 0.00	41.03 3.04 0.00	41.15 3.03 -0.23	43.54 3.17 -0.20	46.35 3.19 -0.01	52.43 3.70 -0.01	58.72 3.91 -0.56	62.64 4.69 -0.01	64.82 4.58 -0.01	53.43 3.28 -0.40	45.80 2.75 0.00	37.88 2.21 0.00
FARRAGUT___LBMP 323566	38.56 2.39 0.00	33.73 2.27 0.00	31.75 2.22 0.00	30.37 2.12 0.00	32.37 1.86 0.00	37.26 1.88 0.00	48.08 2.76 0.00	53.45 3.17 0.00	49.77 3.39 0.00	47.57 3.36 0.00	44.39 2.98 0.00	42.27 2.95 0.00	41.48 3.00 0.00	40.99 3.00 0.00	41.11 2.99 0.00	43.50 3.13 0.00	46.30 3.15 0.00	52.38 3.65 0.00	58.66 3.85 0.00	62.58 4.64 -0.01	64.76 4.52 -0.01	53.43 3.28 -0.40	45.75 2.71 0.00	37.84 2.18 0.00
FENNER___WINDPWR 24204	36.97 0.79 0.00	32.03 0.57 0.00	29.98 0.44 0.00	28.70 0.45 0.00	30.94 0.43 0.00	35.88 0.50 0.00	45.95 0.63 0.00	50.89 0.61 0.00	46.80 0.42 0.00	44.48 0.27 0.00	41.66 0.25 0.00	39.48 0.16 0.00	38.63 0.15 0.00	38.18 0.19 0.00	38.12 0.23 0.00	40.45 0.28 0.00	43.45 0.30 -0.01	49.21 0.49 0.00	54.96 0.70 -0.01	59.10 1.16 0.00	61.62 1.39 0.00	50.64 0.90 0.00	43.65 0.60 0.00	36.09 0.43 0.00
FIBERTEK___ENERGY 23856	36.24 0.07 0.00	31.31 -0.16 0.00	29.33 -0.21 0.00	28.08 -0.17 0.00	30.24 -0.27 0.00	34.96 -0.42 0.00	44.81 -0.50 0.00	49.63 -0.65 0.00	45.73 -0.65 0.00	43.55 -0.66 0.00	40.83 -0.58 0.00	38.74 -0.59 0.00	37.94 -0.54 0.00	37.50 -0.49 0.00	37.36 -0.53 0.00	39.60 -0.56 0.00	42.50 -0.65 0.00	47.94 -0.78 0.00	53.55 -0.71 0.00	57.53 -0.41 0.00	59.93 -0.30 0.00	49.25 -0.50 0.00	42.48 -0.56 0.00	35.24 -0.43 0.00
FITZPATRICK___ 23598	35.38 -0.80 0.00	30.65 -0.82 0.00	28.74 -0.80 0.00	27.51 -0.73 0.00	29.63 -0.89 0.00	34.29 -1.10 0.00	43.86 -1.45 0.00	48.57 -1.71 0.00	44.76 -1.62 0.00	42.66 -1.55 0.00	40.00 -1.41 0.00	37.95 -1.38 0.00	37.13 -1.35 0.00	36.70 -1.29 0.00	36.56 -1.33 0.00	38.76 -1.41 0.00	41.63 -1.51 0.00	46.97 -1.75 0.00	52.35 -1.90 0.00	56.14 -1.80 0.00	58.42 -1.81 0.00	48.05 -1.69 0.00	41.54 -1.51 0.00	34.49 -1.18 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	38.27 2.10 0.00	33.51 2.05 0.00	31.49 1.95 0.00	30.14 1.89 0.00	32.19 1.68 0.00	37.12 1.73 0.00	47.76 2.45 0.00	52.95 2.66 0.00	49.07 2.69 0.00	46.69 2.48 0.00	43.60 2.19 0.00	41.41 2.08 0.00	40.55 2.08 0.00	40.05 2.05 0.00	39.98 2.08 0.00	42.41 2.25 0.00	45.43 2.29 0.00	51.69 2.97 0.00	57.67 3.42 0.00	62.11 4.17 0.00	64.20 3.98 0.00	52.53 2.79 0.00	45.32 2.28 0.00	37.48 1.82 0.00
FORT ORANGE___ 23900	37.00 0.83 0.00	32.50 1.04 0.00	30.57 1.03 0.00	29.21 0.96 0.00	31.30 0.79 0.00	36.09 0.71 0.00	46.17 0.86 0.00	51.39 1.10 0.00	47.36 0.98 0.00	45.10 0.88 0.00	42.15 0.75 0.00	40.03 0.71 0.00	39.21 0.73 0.00	38.60 0.61 0.00	38.54 0.64 0.00	41.01 0.84 0.00	44.01 0.86 0.00	49.84 1.12 0.00	51.72 1.47 3.99	59.79 1.85 0.00	62.03 1.81 0.00	50.89 1.15 0.00	43.90 0.86 0.00	36.23 0.57 0.00
FORT_DRUM_COGEN 23780	35.88 -0.29 0.00	31.03 -0.44 0.00	28.89 -0.65 0.00	27.63 -0.62 0.00	29.93 -0.58 0.00	34.96 -0.42 0.00	44.81 -0.50 0.00	49.43 -0.85 0.00	45.13 -1.25 0.00	42.67 -1.55 0.00	39.96 -1.45 0.00	37.87 -1.46 0.00	37.02 -1.46 0.00	36.63 -1.37 0.00	36.64 -1.25 0.00	38.92 -1.25 0.00	41.85 -1.29 0.00	47.55 -1.17 0.00	53.44 -0.81 0.00	57.76 -0.17 0.00	60.59 0.36 0.00	49.85 0.10 0.00	43.00 -0.04 0.00	35.20 -0.46 0.00
FOX_HILLS___ESR 323835	38.76 2.57 -0.02	33.92 2.45 0.00	31.90 2.36 0.00	30.51 2.26 0.00	32.49 1.98 0.00	37.36 1.98 0.00	48.11 2.76 -0.03	53.10 2.82 0.00	49.77 3.39 0.00	47.45 3.18 -0.06	44.36 2.90 -0.06	46.04 2.95 -3.77	51.64 2.96 -10.20	52.94 3.00 -11.95	52.32 3.03 -11.39	51.65 3.17 -8.31	50.82 3.19 -4.49	52.36 3.61 -0.03	58.36 3.58 -0.52	62.29 4.35 0.00	64.45 4.22 0.00	53.42 3.28 -0.39	45.60 2.50 -0.06	38.04 2.35 -0.02
FPL_FAR_ROCK_GT1 24212	54.70 3.62 -14.91	47.84 3.49 -12.88	34.96 3.40 -2.02	31.55 3.28 -0.03	33.69 3.14 -0.03	38.78 3.36 -0.03	49.69 4.35 -0.03	55.07 4.78 -0.01	51.33 4.91 -0.03	49.02 4.78 -0.03	50.05 3.94 -4.71	53.11 3.81 -9.98	53.18 3.73 -10.97	50.16 3.76 -8.40	72.47 3.72 -30.86	70.04 3.98 -25.90	83.75 4.14 -36.47	100.43 4.82 -46.89	114.66 4.72 -55.69	112.57 5.62 -49.01	120.96 5.78 -54.95	94.29 4.13 -40.42	47.68 4.35 -0.29	48.22 3.39 -9.17
FPL_FAR_ROCK_GT2 23815	54.70 3.62 -14.91	47.84 3.49 -12.88	34.96 3.40 -2.02	31.55 3.28 -0.03	33.69 3.14 -0.03	38.78 3.36 -0.03	49.69 4.35 -0.03	55.07 4.78 -0.01	51.33 4.91 -0.03	49.02 4.78 -0.03	50.05 3.94 -4.71	53.11 3.81 -9.98	53.18 3.73 -10.97	50.16 3.76 -8.40	72.47 3.72 -30.86	70.04 3.98 -25.90	83.75 4.14 -36.47	100.43 4.82 -46.89	114.66 4.72 -55.69	112.57 5.62 -49.01	120.96 5.78 -54.95	94.29 4.13 -40.42	47.68 4.35 -0.29	48.22 3.39 -9.17
FRANKLIN_FALL_HYD 24054	35.48 -0.69 0.00	30.87 -0.60 0.00	28.86 -0.68 0.00	27.51 -0.73 0.00	29.87 -0.64 0.00	35.17 -0.21 0.00	45.31 0.00 0.00	50.18 -0.10 0.00	45.96 -0.42 0.00	43.90 -0.31 0.00	41.12 -0.29 0.00	39.25 -0.08 0.00	38.36 -0.12 0.00	37.92 -0.08 0.00	37.82 -0.08 0.00	39.92 -0.24 0.00	42.97 -0.17 0.00	48.38 -0.34 0.00	53.71 -0.54 0.00	56.72 -1.22 0.00	59.02 -1.20 0.00	49.25 -0.50 0.00	43.04 0.00 0.00	35.59 -0.07 0.00

FREEPORT_EQUUS_GT1 23764	47.25 3.07 -8.01	41.22 2.83 -6.92	33.37 2.75 -1.09	30.95 2.68 -0.02	33.03 2.50 -0.02	38.02 2.62 -0.02	48.82 3.49 -0.02	54.21 3.92 -0.01	50.25 3.85 -0.02	47.98 3.76 -0.02	46.88 2.94 -2.53	47.55 2.87 -5.36	47.30 2.92 -5.90	45.47 2.97 -4.51	54.28 2.88 -13.51	54.52 3.17 -11.19	62.08 3.11 -15.83	77.49 3.66 -25.12	77.54 4.07 -19.21	83.82 4.92 -20.96	88.74 5.00 -23.52	69.78 3.68 -16.36	46.47 3.27 -0.16	43.37 2.78 -4.93
FREEPORT___CT2 23818	47.25 3.07 -8.01	41.22 2.83 -6.92	33.37 2.75 -1.09	30.95 2.68 -0.02	33.03 2.50 -0.02	38.02 2.62 -0.02	48.82 3.49 -0.02	54.21 3.92 -0.01	50.25 3.85 -0.02	47.98 3.76 -0.02	46.88 2.94 -2.53	47.55 2.87 -5.36	47.30 2.92 -5.90	45.47 2.97 -4.51	54.28 2.88 -13.51	54.52 3.17 -11.19	62.08 3.11 -15.83	77.49 3.66 -25.12	77.54 4.07 -19.21	83.82 4.92 -20.96	88.74 5.00 -23.52	69.78 3.68 -16.36	46.47 3.27 -0.16	43.37 2.78 -4.93
FRESHKLS_33_KV_LOAD 356253	38.87 2.68 -0.02	34.01 2.55 0.00	31.96 2.42 0.00	30.56 2.32 0.00	32.56 2.04 0.00	37.43 2.05 0.00	48.15 2.81 -0.03	53.00 2.72 0.00	49.77 3.39 0.00	47.31 3.05 -0.05	44.19 2.73 -0.05	44.58 2.83 -2.42	47.86 2.85 -6.53	48.54 2.89 -7.65	48.11 2.92 -7.30	48.54 3.05 -5.32	49.09 3.06 -2.88	52.26 3.51 -0.03	58.24 3.47 -0.51	62.17 4.23 0.00	64.33 4.10 0.00	53.41 3.28 -0.38	45.46 2.37 -0.05	38.11 2.43 -0.02
FULTON COGEN____ 23766	35.63 -0.54 0.00	30.84 -0.63 0.00	28.89 -0.65 0.00	27.68 -0.56 0.00	29.78 -0.73 0.00	34.46 -0.92 0.00	44.13 -1.18 0.00	48.87 -1.41 0.00	45.04 -1.35 0.00	42.89 -1.33 0.00	40.21 -1.20 0.00	38.15 -1.18 0.00	37.32 -1.15 0.00	36.89 -1.10 0.00	36.79 -1.10 0.00	38.96 -1.20 0.00	41.85 -1.29 0.00	47.21 -1.51 0.00	52.79 -1.46 0.00	56.61 -1.33 0.00	58.96 -1.26 0.00	48.50 -1.24 0.00	41.84 -1.21 0.00	34.70 -0.96 0.00
FULTON___LFGE 323630	38.85 2.68 0.00	33.92 2.46 0.00	31.84 2.31 0.00	30.37 2.12 0.00	32.65 2.14 0.00	37.75 2.37 0.00	48.35 3.04 0.00	53.60 3.32 0.00	48.98 2.60 0.00	46.38 2.17 0.00	43.52 2.11 0.00	41.14 1.81 0.00	40.21 1.73 0.00	39.70 1.71 0.00	39.56 1.67 0.00	42.01 1.85 0.00	45.26 2.11 0.00	51.59 2.87 0.00	59.00 3.80 -0.96	62.63 4.69 0.00	65.47 5.24 0.00	53.58 3.83 0.00	46.01 2.97 0.00	37.91 2.25 0.00
G.F.CEMENT___DRP 24184	38.09 1.92 0.00	33.38 1.92 0.00	31.40 1.86 0.00	29.94 1.69 0.00	32.16 1.65 0.00	37.12 1.73 0.00	47.67 2.36 0.00	53.10 2.82 0.00	48.79 2.41 0.00	46.33 2.12 0.00	43.31 1.90 0.00	40.86 1.53 0.00	40.02 1.54 0.00	39.44 1.44 0.00	39.29 1.40 0.00	41.93 1.77 0.00	45.13 1.98 0.00	51.35 2.63 0.00	59.29 3.31 -1.73	61.88 3.94 0.00	64.32 4.10 0.00	52.63 2.89 0.00	45.28 2.24 0.00	37.27 1.60 0.00
GARDENVILLE___LBMP 24039	36.53 0.36 0.00	30.58 -0.88 0.00	28.53 -1.00 0.00	27.43 -0.82 0.00	29.35 -1.16 0.00	33.79 -1.59 0.00	42.32 -2.99 0.00	46.86 -3.42 0.00	43.04 -3.34 0.00	40.76 -3.45 0.00	38.59 -2.82 0.00	36.38 -2.95 0.00	35.51 -2.96 0.00	35.07 -2.93 0.00	34.94 -2.96 0.00	36.67 -3.49 0.00	39.34 -3.80 0.01	43.85 -4.09 0.77	49.79 -4.45 0.01	54.46 -3.48 0.00	57.22 -3.01 0.00	46.06 -3.68 0.00	40.07 -2.97 0.00	34.31 -1.36 0.00
GARDNVLA_35_KV_LD 355827	36.68 0.51 0.00	30.68 -0.79 0.00	28.62 -0.92 0.00	27.51 -0.73 0.00	29.44 -1.07 0.00	33.90 -1.49 0.00	42.46 -2.85 0.00	47.01 -3.27 0.00	43.23 -3.15 0.00	40.94 -3.27 0.00	38.72 -2.69 0.00	36.49 -2.83 0.00	35.63 -2.85 0.00	35.18 -2.81 0.00	35.05 -2.84 0.00	36.79 -3.37 0.00	39.51 -3.62 0.01	44.26 -3.85 0.61	49.96 -4.29 0.01	54.64 -3.30 0.00	57.46 -2.77 0.00	46.26 -3.48 0.00	40.20 -2.84 0.00	34.42 -1.25 0.00
GELCKHM___115KV_LOAD 80723	36.06 -0.11 0.00	31.18 -0.28 0.00	29.21 -0.32 0.00	27.97 -0.28 0.00	30.11 -0.40 0.00	34.82 -0.57 0.00	44.54 -0.77 0.00	49.38 -0.91 0.00	45.50 -0.88 0.00	43.33 -0.88 0.00	40.62 -0.79 0.00	38.54 -0.79 0.00	37.75 -0.73 0.00	37.31 -0.68 0.00	37.21 -0.68 0.00	39.40 -0.76 0.00	42.32 -0.82 0.00	47.70 -1.02 0.00	53.33 -0.92 0.00	57.24 -0.70 0.00	59.57 -0.66 0.00	48.95 -0.80 0.00	42.23 -0.82 0.00	35.06 -0.61 0.00
GENERAL___MILLS 23808	36.64 0.47 0.00	30.65 -0.82 0.00	28.59 -0.95 0.00	27.49 -0.76 0.00	29.38 -1.13 0.00	33.83 -1.56 0.00	42.37 -2.95 0.00	46.91 -3.37 0.00	43.13 -3.25 0.00	40.85 -3.36 0.00	38.63 -2.77 0.00	36.42 -2.91 0.00	35.55 -2.92 0.00	35.11 -2.89 0.00	34.97 -2.92 0.00	36.71 -3.45 0.00	39.42 -3.71 0.01	44.17 -3.90 0.65	49.85 -4.39 0.01	54.52 -3.42 0.00	57.34 -2.89 0.00	46.16 -3.58 0.00	40.12 -2.93 0.00	34.34 -1.32 0.00
GE_PLASTICS___DRP 24183	36.97 0.80 0.00	32.44 0.98 0.00	30.51 0.97 0.00	29.15 0.90 0.00	31.27 0.76 0.00	36.02 0.64 0.00	46.13 0.82 0.00	51.34 1.06 0.00	47.40 1.02 0.00	45.19 0.97 0.00	42.28 0.87 0.00	40.11 0.79 0.00	39.29 0.81 0.00	38.72 0.72 0.00	38.61 0.72 0.00	41.05 0.88 0.00	44.05 0.91 0.00	49.84 1.12 0.00	53.11 1.30 2.44	59.62 1.68 0.00	61.80 1.57 0.00	50.79 1.04 0.00	43.86 0.82 0.00	36.23 0.57 0.00
GILBOA___1 23756	37.15 0.98 0.00	32.60 1.13 0.00	30.66 1.12 0.00	29.32 1.07 0.00	31.43 0.91 0.00	36.13 0.74 0.00	46.27 0.95 0.00	51.44 1.16 0.00	47.59 1.20 0.00	45.36 1.15 0.00	42.40 0.99 0.00	40.31 0.98 0.00	39.48 1.00 0.00	38.94 0.95 0.00	38.84 0.95 0.00	41.25 1.08 0.00	44.22 1.08 0.00	50.03 1.32 0.00	55.61 1.36 0.00	59.79 1.85 0.00	62.03 1.81 0.00	50.99 1.24 0.00	44.03 0.99 0.00	36.41 0.75 0.00
GILBOA___2 23757	37.15 0.98 0.00	32.60 1.13 0.00	30.66 1.12 0.00	29.32 1.07 0.00	31.43 0.91 0.00	36.13 0.74 0.00	46.27 0.95 0.00	51.44 1.16 0.00	47.59 1.20 0.00	45.36 1.15 0.00	42.40 0.99 0.00	40.31 0.98 0.00	39.48 1.00 0.00	38.94 0.95 0.00	38.84 0.95 0.00	41.25 1.08 0.00	44.22 1.08 0.00	50.03 1.32 0.00	55.61 1.36 0.00	59.79 1.85 0.00	62.03 1.81 0.00	50.99 1.24 0.00	44.03 0.99 0.00	36.41 0.75 0.00
GILBOA___3 23758	37.15 0.98 0.00	32.60 1.13 0.00	30.66 1.12 0.00	29.32 1.07 0.00	31.43 0.91 0.00	36.13 0.74 0.00	46.27 0.95 0.00	51.44 1.16 0.00	47.59 1.20 0.00	45.36 1.15 0.00	42.40 0.99 0.00	40.31 0.98 0.00	39.48 1.00 0.00	38.94 0.95 0.00	38.84 0.95 0.00	41.25 1.08 0.00	44.22 1.08 0.00	50.03 1.32 0.00	55.61 1.36 0.00	59.79 1.85 0.00	62.03 1.81 0.00	50.99 1.24 0.00	44.03 0.99 0.00	36.41 0.75 0.00
GILBOA___4 23759	37.15 0.98 0.00	32.60 1.13 0.00	30.66 1.12 0.00	29.32 1.07 0.00	31.43 0.91 0.00	36.13 0.74 0.00	46.27 0.95 0.00	51.44 1.16 0.00	47.59 1.20 0.00	45.36 1.15 0.00	42.40 0.99 0.00	40.31 0.98 0.00	39.48 1.00 0.00	38.94 0.95 0.00	38.84 0.95 0.00	41.25 1.08 0.00	44.22 1.08 0.00	50.03 1.32 0.00	55.61 1.36 0.00	59.79 1.85 0.00	62.03 1.81 0.00	50.99 1.24 0.00	44.03 0.99 0.00	36.41 0.75 0.00

GILBOA____ 23599	37.15 0.98 0.00	32.60 1.13 0.00	30.66 1.12 0.00	29.32 1.07 0.00	31.43 0.92 0.00	36.13 0.74 0.00	46.26 0.95 0.00	51.44 1.16 0.00	47.59 1.21 0.00	45.36 1.15 0.00	42.44 1.04 0.00	40.31 0.98 0.00	39.48 1.00 0.00	38.94 0.95 0.00	38.84 0.95 0.00	41.25 1.08 0.00	44.22 1.08 0.00	50.08 1.36 0.00	55.61 1.36 0.00	59.79 1.85 0.00	62.04 1.81 0.00	50.99 1.24 0.00	44.03 0.99 0.00	36.41 0.75 0.00
GINNA____ 23603	34.90 -1.27 0.00	29.61 -1.86 0.00	27.74 -1.80 0.00	26.52 -1.72 0.00	28.53 -1.98 0.00	32.98 -2.41 0.00	41.87 -3.45 0.00	46.46 -3.82 0.00	42.76 -3.62 0.00	40.72 -3.49 0.00	38.30 -3.11 0.00	36.26 -3.07 0.00	35.44 -3.04 0.00	35.03 -2.96 0.00	34.90 -2.99 0.00	36.87 -3.29 0.00	39.60 -3.54 0.00	44.33 -4.38 0.00	49.75 -4.50 0.00	53.83 -4.11 0.00	56.13 -4.10 0.00	45.81 -3.93 0.00	39.64 -3.40 0.00	33.35 -2.32 0.00
GLEN PARK____ 23778	36.03 -0.14 0.00	31.15 -0.31 0.00	29.01 -0.53 0.00	27.74 -0.51 0.00	30.08 -0.43 0.00	35.10 -0.28 0.00	45.00 -0.31 0.00	49.63 -0.66 0.00	45.22 -1.16 0.00	42.71 -1.50 0.00	39.96 -1.45 0.00	37.87 -1.45 0.00	37.02 -1.46 0.00	36.63 -1.37 0.00	36.64 -1.25 0.00	38.92 -1.25 0.00	41.89 -1.25 0.00	47.69 -1.03 0.00	53.66 -0.60 0.00	58.05 0.12 0.00	60.95 0.73 0.00	50.10 0.35 0.00	43.17 0.13 0.00	35.31 -0.36 0.00
GLENDALE_27_KV_LOAD 356172	38.67 2.50 0.00	33.86 2.39 0.00	31.84 2.30 0.00	30.48 2.23 0.00	32.46 1.95 0.00	37.36 1.98 0.00	48.17 2.85 0.00	53.55 3.27 0.00	50.00 3.62 0.00	47.75 3.54 0.00	44.60 3.19 0.00	42.55 3.22 0.00	41.71 3.23 0.00	41.26 3.27 0.00	41.19 3.30 0.00	43.58 3.41 0.00	46.64 3.49 0.00	52.62 3.90 -0.01	58.80 3.96 -0.59	62.64 4.69 0.00	64.81 4.58 0.00	53.60 3.43 -0.42	45.84 2.80 0.00	37.98 2.32 0.00
GLENWOOD_IC_1_G5 23712	48.19 2.71 -9.30	41.99 2.49 -8.04	33.22 2.42 -1.26	30.61 2.34 -0.02	32.67 2.14 -0.02	37.63 2.23 -0.02	48.46 3.13 -0.02	53.91 3.62 -0.01	49.97 3.57 -0.02	47.77 3.54 -0.02	47.33 2.98 -2.94	48.50 2.95 -6.22	48.33 3.00 -6.85	46.24 3.00 -5.24	56.19 2.92 -15.38	55.93 3.05 -12.71	65.77 3.11 -19.52	81.54 3.65 -29.17	80.77 3.96 -22.56	88.74 4.81 -25.99	94.09 4.70 -29.16	71.57 3.38 -18.44	46.15 2.93 -0.18	43.85 2.46 -5.72
GLENWOOD_IC_2_G1 23688	38.63 2.46 0.00	33.76 2.30 0.00	31.78 2.24 0.00	30.42 2.18 0.00	32.49 1.98 0.00	37.40 2.02 0.00	48.12 2.81 0.00	53.55 3.27 0.00	49.67 3.29 0.00	47.44 3.23 0.00	44.18 2.77 0.00	42.04 2.71 0.00	41.25 2.77 0.00	40.77 2.77 0.00	40.19 2.76 0.46	42.68 2.93 0.41	46.10 2.97 0.02	52.17 3.46 0.01	56.90 3.80 1.15	62.55 4.64 0.02	64.85 4.64 0.02	52.16 3.23 0.82	45.76 2.71 0.00	37.91 2.25 0.00
GLENWOOD_IC_3_G1 23689	38.63 2.46 0.00	33.76 2.30 0.00	31.78 2.24 0.00	30.42 2.18 0.00	32.49 1.98 0.00	37.40 2.02 0.00	48.12 2.81 0.00	53.55 3.27 0.00	49.67 3.29 0.00	47.44 3.23 0.00	44.18 2.77 0.00	42.04 2.71 0.00	41.25 2.77 0.00	40.77 2.77 0.00	40.19 2.76 0.46	42.68 2.93 0.41	46.10 2.97 0.02	52.17 3.46 0.01	56.90 3.80 1.15	62.55 4.64 0.02	64.85 4.64 0.02	52.16 3.23 0.82	45.76 2.71 0.00	37.91 2.25 0.00
GLENWOOD____4 23550	48.19 2.71 -9.30	41.99 2.49 -8.04	33.22 2.42 -1.26	30.61 2.34 -0.02	32.67 2.14 -0.02	37.63 2.23 -0.02	48.46 3.13 -0.02	53.91 3.62 -0.01	49.97 3.57 -0.02	47.77 3.54 -0.02	47.33 2.98 -2.94	48.50 2.95 -6.22	48.33 3.00 -6.85	46.24 3.00 -5.24	56.23 2.96 -15.38	55.97 3.09 -12.71	65.81 3.15 -19.52	81.64 3.75 -29.17	80.82 4.01 -22.56	88.85 4.92 -25.99	94.21 4.82 -29.16	71.62 3.43 -18.44	46.15 2.93 -0.18	43.85 2.46 -5.72
GLENWOOD____5 23614	48.19 2.71 -9.30	41.99 2.49 -8.04	33.22 2.42 -1.26	30.61 2.34 -0.02	32.67 2.14 -0.02	37.63 2.23 -0.02	48.46 3.13 -0.02	53.91 3.62 -0.01	49.97 3.57 -0.02	47.77 3.54 -0.02	47.33 2.98 -2.94	48.50 2.95 -6.22	48.33 3.00 -6.85	46.24 3.00 -5.24	56.23 2.96 -15.38	55.97 3.09 -12.71	65.81 3.15 -19.52	81.64 3.75 -29.17	80.82 4.01 -22.56	88.85 4.92 -25.99	94.21 4.82 -29.16	71.62 3.43 -18.44	46.15 2.93 -0.18	43.85 2.46 -5.72
GLOBAL GREEN_PORT_GT1 23814	44.43 3.51 -4.75	38.56 2.99 -4.10	33.11 2.92 -0.64	31.11 2.85 -0.01	33.21 2.69 -0.01	38.12 2.72 -0.01	48.99 3.67 -0.01	54.41 4.12 0.00	50.33 3.94 -0.01	47.98 3.76 -0.01	45.52 2.61 -1.50	44.94 2.44 -3.18	44.47 2.50 -3.49	43.18 2.51 -2.68	46.57 2.50 -6.18	48.14 2.97 -5.00	55.85 3.11 -9.60	67.46 3.90 -14.85	66.18 4.78 -7.15	76.39 5.68 -12.78	80.18 5.60 -14.35	60.15 3.93 -6.47	46.24 3.10 -0.09	41.76 3.17 -2.92
GLOBE____DSASP 323697	35.34 -0.83 0.00	29.73 -1.73 0.00	27.77 -1.77 0.00	26.69 -1.55 0.00	28.56 -1.95 0.00	32.83 -2.55 0.00	41.05 -4.26 0.00	45.30 -4.98 0.00	41.70 -4.68 0.00	39.61 -4.60 0.00	37.43 -3.98 0.00	35.31 -4.01 0.00	34.48 -4.00 0.00	34.04 -3.95 0.00	33.91 -3.98 0.00	35.55 -4.62 0.00	38.22 -4.92 0.01	41.70 -6.48 0.54	48.22 -6.02 0.01	52.49 -5.45 0.00	55.23 -5.00 0.00	44.37 -5.37 0.00	38.65 -4.39 0.00	33.24 -2.43 0.00
GOETHSLN____LBMP 323567	38.38 2.21 0.00	33.61 2.14 0.00	31.64 2.10 0.00	30.25 2.01 0.00	32.25 1.74 0.00	37.12 1.73 0.00	47.89 2.58 0.00	53.30 3.02 0.00	49.58 3.20 0.00	47.43 3.23 0.01	44.30 2.90 0.01	41.83 2.87 0.37	40.37 2.89 1.00	39.75 2.93 1.17	39.70 2.92 1.11	42.41 3.05 0.81	45.77 3.06 0.44	52.22 3.51 0.00	57.89 3.63 0.00	62.34 4.40 0.00	64.51 4.28 0.00	52.83 3.08 0.00	45.66 2.63 0.01	37.69 2.03 0.00
GOLAH____69_KV_TB 1_2 80279	36.71 0.54 0.00	30.99 -0.47 0.00	29.01 -0.53 0.00	27.77 -0.48 0.00	29.84 -0.67 0.00	34.46 -0.92 0.00	43.64 -1.68 0.00	48.32 -1.96 0.00	44.34 -2.04 0.00	42.09 -2.12 0.00	39.59 -1.82 0.00	37.48 -1.85 0.00	36.55 -1.92 0.00	36.13 -1.86 0.00	36.00 -1.89 0.00	37.96 -2.21 0.00	40.64 -2.50 0.01	45.31 -3.41 0.00	51.53 -2.71 0.01	55.97 -1.97 0.00	58.72 -1.51 0.00	47.56 -2.19 0.00	41.24 -1.81 0.00	34.92 -0.75 0.00
GOODYEAR_LAKE_HYD 323669	38.02 1.84 0.00	33.10 1.64 0.00	31.07 1.54 0.00	29.72 1.47 0.00	31.98 1.46 0.00	36.97 1.59 0.00	47.35 2.04 0.00	52.49 2.21 0.00	48.33 1.95 0.00	45.89 1.68 0.00	42.98 1.57 0.00	40.74 1.42 0.00	39.86 1.39 0.00	39.36 1.37 0.00	39.29 1.40 0.00	41.69 1.53 0.00	44.74 1.60 0.00	50.81 2.09 0.00	56.89 2.39 -0.25	61.13 3.19 0.00	63.72 3.49 0.00	52.23 2.49 0.00	44.98 1.94 0.00	37.16 1.50 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	36.89 0.72 0.00	31.84 0.38 0.00	29.86 0.32 0.00	28.59 0.34 0.00	30.72 0.21 0.00	35.45 0.07 0.00	45.22 -0.09 0.00	50.13 -0.15 0.00	46.20 -0.19 0.00	43.95 -0.27 0.00	41.24 -0.17 0.00	39.09 -0.24 0.00	38.25 -0.23 0.00	37.80 -0.19 0.00	37.70 -0.19 0.00	39.88 -0.28 0.00	42.79 -0.35 0.01	48.63 -0.10 -0.01	54.03 -0.22 0.01	58.34 0.41 0.00	60.83 0.60 0.00	49.70 -0.05 0.00	42.91 -0.13 0.00	35.77 0.11 0.00

GOUDEY___7 23579	36.89 0.72 0.00	31.84 0.38 0.00	29.86 0.32 0.00	28.59 0.34 0.00	30.72 0.21 0.00	35.45 0.07 0.00	45.22 -0.09 0.00	50.13 -0.15 0.00	46.20 -0.19 0.00	43.95 -0.27 0.00	41.24 -0.17 0.00	39.09 -0.24 0.00	38.25 -0.23 0.00	37.80 -0.19 0.00	37.70 -0.19 0.00	39.88 -0.28 0.00	42.79 -0.35 0.01	48.63 -0.10 -0.01	54.03 -0.22 0.01	58.34 0.41 0.00	60.83 0.60 0.00	49.70 -0.05 0.00	42.91 -0.13 0.00	35.77 0.11 0.00
GOUDEY___8 23580	36.89 0.72 0.00	31.84 0.38 0.00	29.86 0.32 0.00	28.59 0.34 0.00	30.72 0.21 0.00	35.45 0.07 0.00	45.22 -0.09 0.00	50.13 -0.15 0.00	46.20 -0.19 0.00	43.95 -0.27 0.00	41.24 -0.17 0.00	39.09 -0.24 0.00	38.25 -0.23 0.00	37.80 -0.19 0.00	37.70 -0.19 0.00	39.88 -0.28 0.00	42.79 -0.35 0.01	48.63 -0.10 -0.01	54.03 -0.22 0.01	58.34 0.41 0.00	60.83 0.60 0.00	49.70 -0.05 0.00	42.91 -0.13 0.00	35.77 0.11 0.00
GOWANUS_GT1_1 24077	38.73 2.53 -0.02	33.89 2.42 0.00	31.87 2.33 0.00	30.48 2.23 0.00	32.49 1.98 0.00	37.36 1.98 0.00	48.15 2.81 -0.03	53.30 3.02 0.00	49.86 3.48 0.00	47.67 3.40 -0.06	44.53 3.06 -0.06	46.20 3.11 -3.77	51.79 3.12 -10.20	53.10 3.15 -11.95	52.47 3.18 -11.39	51.81 3.33 -8.31	51.00 3.37 -4.49	52.50 3.75 -0.03	58.53 3.74 -0.53	62.46 4.52 0.00	64.63 4.40 0.00	53.47 3.33 -0.39	45.77 2.67 -0.06	38.00 2.32 -0.02
GOWANUS_GT1_2 24078	38.73 2.53 -0.02	33.89 2.42 0.00	31.87 2.33 0.00	30.48 2.23 0.00	32.49 1.98 0.00	37.36 1.98 0.00	48.15 2.81 -0.03	53.30 3.02 0.00	49.86 3.48 0.00	47.67 3.40 -0.06	44.53 3.06 -0.06	46.20 3.11 -3.77	51.79 3.12 -10.20	53.10 3.15 -11.95	52.47 3.18 -11.39	51.81 3.33 -8.31	51.00 3.37 -4.49	52.50 3.75 -0.03	58.53 3.74 -0.53	62.46 4.52 0.00	64.63 4.40 0.00	53.47 3.33 -0.39	45.77 2.67 -0.06	38.00 2.32 -0.02
GOWANUS_GT1_3 24079	38.73 2.53 -0.02	33.89 2.42 0.00	31.87 2.33 0.00	30.48 2.23 0.00	32.49 1.98 0.00	37.36 1.98 0.00	48.15 2.81 -0.03	53.30 3.02 0.00	49.86 3.48 0.00	47.67 3.40 -0.06	44.53 3.06 -0.06	46.20 3.11 -3.77	51.79 3.12 -10.20	53.10 3.15 -11.95	52.47 3.18 -11.39	51.81 3.33 -8.31	51.00 3.37 -4.49	52.50 3.75 -0.03	58.53 3.74 -0.53	62.46 4.52 0.00	64.63 4.40 0.00	53.47 3.33 -0.39	45.77 2.67 -0.06	38.00 2.32 -0.02
GOWANUS_GT1_4 24080	38.73 2.53 -0.02	33.89 2.42 0.00	31.87 2.33 0.00	30.48 2.23 0.00	32.49 1.98 0.00	37.36 1.98 0.00	48.15 2.81 -0.03	53.30 3.02 0.00	49.86 3.48 0.00	47.67 3.40 -0.06	44.53 3.06 -0.06	46.20 3.11 -3.77	51.79 3.12 -10.20	53.10 3.15 -11.95	52.47 3.18 -11.39	51.81 3.33 -8.31	51.00 3.37 -4.49	52.50 3.75 -0.03	58.53 3.74 -0.53	62.46 4.52 0.00	64.63 4.40 0.00	53.47 3.33 -0.39	45.77 2.67 -0.06	38.00 2.32 -0.02
GOWANUS_GT1_5 24084	38.73 2.53 -0.02	33.89 2.42 0.00	31.87 2.33 0.00	30.48 2.23 0.00	32.49 1.98 0.00	37.36 1.98 0.00	48.15 2.81 -0.03	53.30 3.02 0.00	49.86 3.48 0.00	47.67 3.40 -0.06	44.53 3.06 -0.06	46.20 3.11 -3.77	51.79 3.12 -10.20	53.10 3.15 -11.95	52.47 3.18 -11.39	51.81 3.33 -8.31	51.00 3.37 -4.49	52.50 3.75 -0.03	58.53 3.74 -0.53	62.46 4.52 0.00	64.63 4.40 0.00	53.47 3.33 -0.39	45.77 2.67 -0.06	38.00 2.32 -0.02
GOWANUS_GT1_6 24111	38.73 2.53 -0.02	33.89 2.42 0.00	31.87 2.33 0.00	30.48 2.23 0.00	32.49 1.98 0.00	37.36 1.98 0.00	48.15 2.81 -0.03	53.30 3.02 0.00	49.86 3.48 0.00	47.67 3.40 -0.06	44.53 3.06 -0.06	46.20 3.11 -3.77	51.79 3.12 -10.20	53.10 3.15 -11.95	52.47 3.18 -11.39	51.81 3.33 -8.31	51.00 3.37 -4.49	52.50 3.75 -0.03	58.53 3.74 -0.53	62.46 4.52 0.00	64.63 4.40 0.00	53.47 3.33 -0.39	45.77 2.67 -0.06	38.00 2.32 -0.02
GOWANUS_GT1_7 24112	38.73 2.53 -0.02	33.89 2.42 0.00	31.87 2.33 0.00	30.48 2.23 0.00	32.49 1.98 0.00	37.36 1.98 0.00	48.15 2.81 -0.03	53.30 3.02 0.00	49.86 3.48 0.00	47.67 3.40 -0.06	44.53 3.06 -0.06	46.20 3.11 -3.77	51.79 3.12 -10.20	53.10 3.15 -11.95	52.47 3.18 -11.39	51.81 3.33 -8.31	51.00 3.37 -4.49	52.50 3.75 -0.03	58.53 3.74 -0.53	62.46 4.52 0.00	64.63 4.40 0.00	53.47 3.33 -0.39	45.77 2.67 -0.06	38.00 2.32 -0.02
GOWANUS_GT1_8 24113	38.73 2.53 -0.02	33.89 2.42 0.00	31.87 2.33 0.00	30.48 2.23 0.00	32.49 1.98 0.00	37.36 1.98 0.00	48.15 2.81 -0.03	53.30 3.02 0.00	49.86 3.48 0.00	47.67 3.40 -0.06	44.53 3.06 -0.06	46.20 3.11 -3.77	51.79 3.12 -10.20	53.10 3.15 -11.95	52.47 3.18 -11.39	51.81 3.33 -8.31	51.00 3.37 -4.49	52.50 3.75 -0.03	58.53 3.74 -0.53	62.46 4.52 0.00	64.63 4.40 0.00	53.47 3.33 -0.39	45.77 2.67 -0.06	38.00 2.32 -0.02
GOWANUS_GT2_1 24114	38.72 2.53 -0.02	33.89 2.42 0.00	31.87 2.33 0.00	30.48 2.23 0.00	32.52 2.01 0.00	37.36 1.98 0.00	48.15 2.81 -0.03	53.30 3.02 0.00	49.86 3.48 0.00	47.67 3.40 -0.06	44.53 3.06 -0.06	46.20 3.11 -3.77	51.79 3.12 -10.20	53.10 3.15 -11.95	52.47 3.18 -11.39	51.80 3.33 -8.31	51.00 3.37 -4.49	52.45 3.70 -0.03	58.52 3.74 -0.53	62.46 4.52 0.00	64.75 4.52 0.00	53.52 3.38 -0.39	45.86 2.76 -0.06	38.00 2.32 -0.02
GOWANUS_GT2_2 24115	38.72 2.53 -0.02	33.89 2.42 0.00	31.87 2.33 0.00	30.48 2.23 0.00	32.52 2.01 0.00	37.36 1.98 0.00	48.15 2.81 -0.03	53.30 3.02 0.00	49.86 3.48 0.00	47.67 3.40 -0.06	44.53 3.06 -0.06	46.20 3.11 -3.77	51.79 3.12 -10.20	53.10 3.15 -11.95	52.47 3.18 -11.39	51.80 3.33 -8.31	51.00 3.37 -4.49	52.45 3.70 -0.03	58.52 3.74 -0.53	62.46 4.52 0.00	64.75 4.52 0.00	53.52 3.38 -0.39	45.86 2.76 -0.06	38.00 2.32 -0.02
GOWANUS_GT2_3 24116	38.72 2.53 -0.02	33.89 2.42 0.00	31.87 2.33 0.00	30.48 2.23 0.00	32.52 2.01 0.00	37.36 1.98 0.00	48.15 2.81 -0.03	53.30 3.02 0.00	49.86 3.48 0.00	47.67 3.40 -0.06	44.53 3.06 -0.06	46.20 3.11 -3.77	51.79 3.12 -10.20	53.10 3.15 -11.95	52.47 3.18 -11.39	51.80 3.33 -8.31	51.00 3.37 -4.49	52.45 3.70 -0.03	58.52 3.74 -0.53	62.46 4.52 0.00	64.75 4.52 0.00	53.52 3.38 -0.39	45.86 2.76 -0.06	38.00 2.32 -0.02
GOWANUS_GT2_4 24117	38.72 2.53 -0.02	33.89 2.42 0.00	31.87 2.33 0.00	30.48 2.23 0.00	32.52 2.01 0.00	37.36 1.98 0.00	48.15 2.81 -0.03	53.30 3.02 0.00	49.86 3.48 0.00	47.67 3.40 -0.06	44.53 3.06 -0.06	46.20 3.11 -3.77	51.79 3.12 -10.20	53.10 3.15 -11.95	52.47 3.18 -11.39	51.80 3.33 -8.31	51.00 3.37 -4.49	52.45 3.70 -0.03	58.52 3.74 -0.53	62.46 4.52 0.00	64.75 4.52 0.00	53.52 3.38 -0.39	45.86 2.76 -0.06	38.00 2.32 -0.02
GOWANUS_GT2_5 24118	38.72 2.53 -0.02	33.89 2.42 0.00	31.87 2.33 0.00	30.48 2.23 0.00	32.52 2.01 0.00	37.36 1.98 0.00	48.15 2.81 -0.03	53.30 3.02 0.00	49.86 3.48 0.00	47.67 3.40 -0.06	44.53 3.06 -0.06	46.20 3.11 -3.77	51.79 3.12 -10.20	53.10 3.15 -11.95	52.47 3.18 -11.39	51.80 3.33 -8.31	51.00 3.37 -4.49	52.45 3.70 -0.03	58.52 3.74 -0.53	62.46 4.52 0.00	64.75 4.52 0.00	53.52 3.38 -0.39	45.86 2.76 -0.06	38.00 2.32 -0.02

GOWANUS_GT2_6 24119	38.72 2.53 -0.02	33.89 2.42 0.00	31.87 2.33 0.00	30.48 2.23 0.00	32.52 2.01 0.00	37.36 1.98 0.00	48.15 2.81 -0.03	53.30 3.02 0.00	49.86 3.48 0.00	47.67 3.40 -0.06	44.53 3.06 -0.06	46.20 3.11 -3.77	51.79 3.12 -10.20	53.10 3.15 -11.95	52.47 3.18 -11.39	51.80 3.33 -8.31	51.00 3.37 -4.49	52.45 3.70 -0.03	58.52 3.74 -0.53	62.46 4.52 0.00	64.75 4.52 0.00	53.52 3.38 -0.39	45.86 2.76 -0.06	38.00 2.32 -0.02
GOWANUS_GT2_7 24120	38.72 2.53 -0.02	33.89 2.42 0.00	31.87 2.33 0.00	30.48 2.23 0.00	32.52 2.01 0.00	37.36 1.98 0.00	48.15 2.81 -0.03	53.30 3.02 0.00	49.86 3.48 0.00	47.67 3.40 -0.06	44.53 3.06 -0.06	46.20 3.11 -3.77	51.79 3.12 -10.20	53.10 3.15 -11.95	52.47 3.18 -11.39	51.80 3.33 -8.31	51.00 3.37 -4.49	52.45 3.70 -0.03	58.52 3.74 -0.53	62.46 4.52 0.00	64.75 4.52 0.00	53.52 3.38 -0.39	45.86 2.76 -0.06	38.00 2.32 -0.02
GOWANUS_GT2_8 24121	38.72 2.53 -0.02	33.89 2.42 0.00	31.87 2.33 0.00	30.48 2.23 0.00	32.52 2.01 0.00	37.36 1.98 0.00	48.15 2.81 -0.03	53.30 3.02 0.00	49.86 3.48 0.00	47.67 3.40 -0.06	44.53 3.06 -0.06	46.20 3.11 -3.77	51.79 3.12 -10.20	53.10 3.15 -11.95	52.47 3.18 -11.39	51.80 3.33 -8.31	51.00 3.37 -4.49	52.45 3.70 -0.03	58.52 3.74 -0.53	62.46 4.52 0.00	64.75 4.52 0.00	53.52 3.38 -0.39	45.86 2.76 -0.06	38.00 2.32 -0.02
GOWANUS_GT3_1 24122	38.72 2.53 -0.02	33.89 2.42 0.00	31.87 2.33 0.00	30.48 2.23 0.00	32.52 2.01 0.00	37.36 1.98 0.00	48.15 2.81 -0.03	53.30 3.02 0.00	49.86 3.48 0.00	47.67 3.40 -0.06	44.53 3.06 -0.06	46.20 3.11 -3.77	51.79 3.12 -10.20	53.10 3.15 -11.95	52.47 3.18 -11.39	51.80 3.33 -8.31	51.00 3.37 -4.49	52.45 3.70 -0.03	58.52 3.74 -0.53	62.46 4.52 0.00	64.75 4.52 0.00	53.52 3.38 -0.39	45.86 2.76 -0.06	38.00 2.32 -0.02
GOWANUS_GT3_2 24123	38.72 2.53 -0.02	33.89 2.42 0.00	31.87 2.33 0.00	30.48 2.23 0.00	32.52 2.01 0.00	37.36 1.98 0.00	48.15 2.81 -0.03	53.30 3.02 0.00	49.86 3.48 0.00	47.67 3.40 -0.06	44.53 3.06 -0.06	46.20 3.11 -3.77	51.79 3.12 -10.20	53.10 3.15 -11.95	52.47 3.18 -11.39	51.80 3.33 -8.31	51.00 3.37 -4.49	52.45 3.70 -0.03	58.52 3.74 -0.53	62.46 4.52 0.00	64.75 4.52 0.00	53.52 3.38 -0.39	45.86 2.76 -0.06	38.00 2.32 -0.02
GOWANUS_GT3_3 24124	38.72 2.53 -0.02	33.89 2.42 0.00	31.87 2.33 0.00	30.48 2.23 0.00	32.52 2.01 0.00	37.36 1.98 0.00	48.15 2.81 -0.03	53.30 3.02 0.00	49.86 3.48 0.00	47.67 3.40 -0.06	44.53 3.06 -0.06	46.20 3.11 -3.77	51.79 3.12 -10.20	53.10 3.15 -11.95	52.47 3.18 -11.39	51.80 3.33 -8.31	51.00 3.37 -4.49	52.45 3.70 -0.03	58.52 3.74 -0.53	62.46 4.52 0.00	64.75 4.52 0.00	53.52 3.38 -0.39	45.86 2.76 -0.06	38.00 2.32 -0.02
GOWANUS_GT3_4 24125	38.72 2.53 -0.02	33.89 2.42 0.00	31.87 2.33 0.00	30.48 2.23 0.00	32.52 2.01 0.00	37.36 1.98 0.00	48.15 2.81 -0.03	53.30 3.02 0.00	49.86 3.48 0.00	47.67 3.40 -0.06	44.53 3.06 -0.06	46.20 3.11 -3.77	51.79 3.12 -10.20	53.10 3.15 -11.95	52.47 3.18 -11.39	51.80 3.33 -8.31	51.00 3.37 -4.49	52.45 3.70 -0.03	58.52 3.74 -0.53	62.46 4.52 0.00	64.75 4.52 0.00	53.52 3.38 -0.39	45.86 2.76 -0.06	38.00 2.32 -0.02
GOWANUS_GT3_5 24126	38.72 2.53 -0.02	33.89 2.42 0.00	31.87 2.33 0.00	30.48 2.23 0.00	32.52 2.01 0.00	37.36 1.98 0.00	48.15 2.81 -0.03	53.30 3.02 0.00	49.86 3.48 0.00	47.67 3.40 -0.06	44.53 3.06 -0.06	46.20 3.11 -3.77	51.79 3.12 -10.20	53.10 3.15 -11.95	52.47 3.18 -11.39	51.80 3.33 -8.31	51.00 3.37 -4.49	52.45 3.70 -0.03	58.52 3.74 -0.53	62.46 4.52 0.00	64.75 4.52 0.00	53.52 3.38 -0.39	45.86 2.76 -0.06	38.00 2.32 -0.02
GOWANUS_GT3_6 24127	38.72 2.53 -0.02	33.89 2.42 0.00	31.87 2.33 0.00	30.48 2.23 0.00	32.52 2.01 0.00	37.36 1.98 0.00	48.15 2.81 -0.03	53.30 3.02 0.00	49.86 3.48 0.00	47.67 3.40 -0.06	44.53 3.06 -0.06	46.20 3.11 -3.77	51.79 3.12 -10.20	53.10 3.15 -11.95	52.47 3.18 -11.39	51.80 3.33 -8.31	51.00 3.37 -4.49	52.45 3.70 -0.03	58.52 3.74 -0.53	62.46 4.52 0.00	64.75 4.52 0.00	53.52 3.38 -0.39	45.86 2.76 -0.06	38.00 2.32 -0.02
GOWANUS_GT3_7 24128	38.72 2.53 -0.02	33.89 2.42 0.00	31.87 2.33 0.00	30.48 2.23 0.00	32.52 2.01 0.00	37.36 1.98 0.00	48.15 2.81 -0.03	53.30 3.02 0.00	49.86 3.48 0.00	47.67 3.40 -0.06	44.53 3.06 -0.06	46.20 3.11 -3.77	51.79 3.12 -10.20	53.10 3.15 -11.95	52.47 3.18 -11.39	51.80 3.33 -8.31	51.00 3.37 -4.49	52.45 3.70 -0.03	58.52 3.74 -0.53	62.46 4.52 0.00	64.75 4.52 0.00	53.52 3.38 -0.39	45.86 2.76 -0.06	38.00 2.32 -0.02
GOWANUS_GT3_8 24129	38.72 2.53 -0.02	33.89 2.42 0.00	31.87 2.33 0.00	30.48 2.23 0.00	32.52 2.01 0.00	37.36 1.98 0.00	48.15 2.81 -0.03	53.30 3.02 0.00	49.86 3.48 0.00	47.67 3.40 -0.06	44.53 3.06 -0.06	46.20 3.11 -3.77	51.79 3.12 -10.20	53.10 3.15 -11.95	52.47 3.18 -11.39	51.80 3.33 -8.31	51.00 3.37 -4.49	52.45 3.70 -0.03	58.52 3.74 -0.53	62.46 4.52 0.00	64.75 4.52 0.00	53.52 3.38 -0.39	45.86 2.76 -0.06	38.00 2.32 -0.02
GOWANUS_GT4_1 24130	38.73 2.53 -0.02	33.89 2.42 0.00	31.87 2.33 0.00	30.48 2.23 0.00	32.49 1.98 0.00	37.36 1.98 0.00	48.15 2.81 -0.03	53.30 3.02 0.00	49.86 3.48 0.00	47.67 3.40 -0.06	44.53 3.06 -0.06	46.20 3.11 -3.77	51.79 3.12 -10.20	53.10 3.15 -11.95	52.47 3.18 -11.39	51.81 3.33 -8.31	51.00 3.37 -4.49	52.50 3.75 -0.03	58.53 3.74 -0.53	62.46 4.52 0.00	64.63 4.40 0.00	53.47 3.33 -0.39	45.77 2.67 -0.06	38.00 2.32 -0.02
GOWANUS_GT4_2 24131	38.73 2.53 -0.02	33.89 2.42 0.00	31.87 2.33 0.00	30.48 2.23 0.00	32.49 1.98 0.00	37.36 1.98 0.00	48.15 2.81 -0.03	53.30 3.02 0.00	49.86 3.48 0.00	47.67 3.40 -0.06	44.53 3.06 -0.06	46.20 3.11 -3.77	51.79 3.12 -10.20	53.10 3.15 -11.95	52.47 3.18 -11.39	51.81 3.33 -8.31	51.00 3.37 -4.49	52.50 3.75 -0.03	58.53 3.74 -0.53	62.46 4.52 0.00	64.63 4.40 0.00	53.47 3.33 -0.39	45.77 2.67 -0.06	38.00 2.32 -0.02
GOWANUS_GT4_3 24132	38.73 2.53 -0.02	33.89 2.42 0.00	31.87 2.33 0.00	30.48 2.23 0.00	32.49 1.98 0.00	37.36 1.98 0.00	48.15 2.81 -0.03	53.30 3.02 0.00	49.86 3.48 0.00	47.67 3.40 -0.06	44.53 3.06 -0.06	46.20 3.11 -3.77	51.79 3.12 -10.20	53.10 3.15 -11.95	52.47 3.18 -11.39	51.81 3.33 -8.31	51.00 3.37 -4.49	52.50 3.75 -0.03	58.53 3.74 -0.53	62.46 4.52 0.00	64.63 4.40 0.00	53.47 3.33 -0.39	45.77 2.67 -0.06	38.00 2.32 -0.02
GOWANUS_GT4_4 24133	38.73 2.53 -0.02	33.89 2.42 0.00	31.87 2.33 0.00	30.48 2.23 0.00	32.49 1.98 0.00	37.36 1.98 0.00	48.15 2.81 -0.03	53.30 3.02 0.00	49.86 3.48 0.00	47.67 3.40 -0.06	44.53 3.06 -0.06	46.20 3.11 -3.77	51.79 3.12 -10.20	53.10 3.15 -11.95	52.47 3.18 -11.39	51.81 3.33 -8.31	51.00 3.37 -4.49	52.50 3.75 -0.03	58.53 3.74 -0.53	62.46 4.52 0.00	64.63 4.40 0.00	53.47 3.33 -0.39	45.77 2.67 -0.06	38.00 2.32 -0.02

GOWANUS_GT4_5 24134	38.73 2.53 -0.02	33.89 2.42 0.00	31.87 2.33 0.00	30.48 2.23 0.00	32.49 1.98 0.00	37.36 1.98 0.00	48.15 2.81 -0.03	53.30 3.02 0.00	49.86 3.48 0.00	47.67 3.40 -0.06	44.53 3.06 -0.06	46.20 3.11 -3.77	51.79 3.12 -10.20	53.10 3.15 -11.95	52.47 3.18 -11.39	51.81 3.33 -8.31	51.00 3.37 -4.49	52.50 3.75 -0.03	58.53 3.74 -0.53	62.46 4.52 0.00	64.63 4.40 0.00	53.47 3.33 -0.39	45.77 2.67 -0.06	38.00 2.32 -0.02
GOWANUS_GT4_6 24135	38.73 2.53 -0.02	33.89 2.42 0.00	31.87 2.33 0.00	30.48 2.23 0.00	32.49 1.98 0.00	37.36 1.98 0.00	48.15 2.81 -0.03	53.30 3.02 0.00	49.86 3.48 0.00	47.67 3.40 -0.06	44.53 3.06 -0.06	46.20 3.11 -3.77	51.79 3.12 -10.20	53.10 3.15 -11.95	52.47 3.18 -11.39	51.81 3.33 -8.31	51.00 3.37 -4.49	52.50 3.75 -0.03	58.53 3.74 -0.53	62.46 4.52 0.00	64.63 4.40 0.00	53.47 3.33 -0.39	45.77 2.67 -0.06	38.00 2.32 -0.02
GOWANUS_GT4_7 24136	38.73 2.53 -0.02	33.89 2.42 0.00	31.87 2.33 0.00	30.48 2.23 0.00	32.49 1.98 0.00	37.36 1.98 0.00	48.15 2.81 -0.03	53.30 3.02 0.00	49.86 3.48 0.00	47.67 3.40 -0.06	44.53 3.06 -0.06	46.20 3.11 -3.77	51.79 3.12 -10.20	53.10 3.15 -11.95	52.47 3.18 -11.39	51.81 3.33 -8.31	51.00 3.37 -4.49	52.50 3.75 -0.03	58.53 3.74 -0.53	62.46 4.52 0.00	64.63 4.40 0.00	53.47 3.33 -0.39	45.77 2.67 -0.06	38.00 2.32 -0.02
GOWANUS_GT4_8 24137	38.73 2.53 -0.02	33.89 2.42 0.00	31.87 2.33 0.00	30.48 2.23 0.00	32.49 1.98 0.00	37.36 1.98 0.00	48.15 2.81 -0.03	53.30 3.02 0.00	49.86 3.48 0.00	47.67 3.40 -0.06	44.53 3.06 -0.06	46.20 3.11 -3.77	51.79 3.12 -10.20	53.10 3.15 -11.95	52.47 3.18 -11.39	51.81 3.33 -8.31	51.00 3.37 -4.49	52.50 3.75 -0.03	58.53 3.74 -0.53	62.46 4.52 0.00	64.63 4.40 0.00	53.47 3.33 -0.39	45.77 2.67 -0.06	38.00 2.32 -0.02
GREATVR_69_KV_BK1 356245	44.79 3.65 -4.96	38.90 3.15 -4.29	33.28 3.07 -0.67	31.25 2.99 -0.01	33.30 2.78 -0.01	38.33 2.94 -0.01	49.13 3.81 -0.01	54.56 4.27 0.00	50.47 4.08 -0.01	48.29 4.07 -0.01	46.04 3.06 -1.57	45.60 2.95 -3.32	45.17 3.04 -3.65	43.87 3.08 -2.80	47.79 3.26 -6.64	48.89 3.33 -5.39	56.68 3.49 -10.04	68.49 4.24 -15.53	67.14 4.99 -7.90	77.26 5.97 -13.35	81.12 5.90 -14.99	61.10 4.28 -7.08	46.63 3.49 -0.10	42.07 3.35 -3.05
GREENBSH_115KV_TB3 55895	36.86 0.69 0.00	32.38 0.91 0.00	30.45 0.92 0.00	29.10 0.85 0.00	31.21 0.70 0.00	35.95 0.57 0.00	45.99 0.68 0.00	51.24 0.96 0.00	47.26 0.88 0.00	45.05 0.84 0.00	42.19 0.79 0.00	40.03 0.71 0.00	39.25 0.77 0.00	38.64 0.65 0.00	38.54 0.64 0.00	41.01 0.84 0.00	43.96 0.82 0.00	49.79 1.07 0.00	51.26 1.25 4.24	59.56 1.62 0.00	61.74 1.51 0.00	50.64 0.90 0.00	43.73 0.69 0.00	36.13 0.46 0.00
GREENDGE_115KV_TB5 80291	37.04 0.87 0.00	31.62 0.16 0.00	29.54 0.00 0.00	28.33 0.08 0.00	30.45 -0.06 0.00	35.17 -0.21 0.00	44.86 -0.45 0.00	49.38 -0.91 0.00	45.55 -0.83 0.00	43.20 -1.02 0.00	40.54 -0.87 0.00	38.30 -1.02 0.00	37.48 -1.00 0.00	37.04 -0.95 0.00	36.91 -0.99 0.00	39.04 -1.12 0.00	41.95 -1.16 0.02	48.55 -1.22 -1.05	52.87 -1.36 0.02	57.36 -0.58 0.00	59.99 -0.24 0.00	49.35 -0.40 0.00	42.53 -0.52 0.00	35.56 -0.11 0.00
GREENIDGE___3 23582	37.04 0.87 0.00	31.62 0.16 0.00	29.54 0.00 0.00	28.33 0.08 0.00	30.45 -0.06 0.00	35.17 -0.21 0.00	44.86 -0.45 0.00	49.38 -0.91 0.00	45.55 -0.83 0.00	43.20 -1.02 0.00	40.54 -0.87 0.00	38.30 -1.02 0.00	37.48 -1.00 0.00	37.04 -0.95 0.00	36.91 -0.99 0.00	39.04 -1.12 0.00	41.95 -1.16 0.02	48.55 -1.22 -1.05	52.87 -1.36 0.02	57.36 -0.58 0.00	59.99 -0.24 0.00	49.35 -0.40 0.00	42.53 -0.52 0.00	35.56 -0.11 0.00
GREENIDGE___4 23583	37.04 0.87 0.00	31.62 0.16 0.00	29.57 0.03 0.00	28.33 0.08 0.00	30.48 -0.03 0.00	35.21 -0.18 0.00	44.86 -0.45 0.00	49.68 -0.60 0.00	45.55 -0.83 0.00	43.20 -1.02 0.00	40.58 -0.83 0.00	38.30 -1.02 0.00	37.48 -1.00 0.00	37.05 -0.95 0.00	36.91 -0.99 0.00	39.04 -1.12 0.00	41.96 -1.16 0.02	48.55 -1.22 -1.05	52.82 -1.41 0.02	57.30 -0.64 0.00	59.81 -0.42 0.00	49.30 -0.45 0.00	42.44 -0.60 0.00	35.56 -0.11 0.00
GREENLWN_69_KV_BK 3 55738	44.22 3.18 -4.87	38.47 2.80 -4.20	32.92 2.72 -0.66	30.91 2.66 -0.01	32.96 2.44 -0.01	37.98 2.58 -0.01	48.81 3.49 -0.01	54.26 3.97 0.00	50.19 3.80 -0.01	48.07 3.85 -0.01	45.88 2.94 -1.54	45.45 2.87 -3.26	45.02 2.96 -3.58	43.74 3.00 -2.74	47.41 3.11 -6.41	48.53 3.17 -5.20	56.27 3.28 -9.85	67.88 3.95 -15.22	66.23 4.45 -7.53	76.38 5.33 -13.11	80.19 5.24 -14.72	60.30 3.78 -6.77	46.24 3.10 -0.09	41.51 2.85 -2.99
GREENWD_138_KV_38B11_REV_LBMP_J 345004	38.73 2.53 -0.02	33.89 2.42 0.00	31.87 2.33 0.00	30.48 2.23 0.00	32.49 1.98 0.00	37.36 1.98 0.00	48.15 2.81 -0.03	53.30 3.02 0.00	49.86 3.48 0.00	47.67 3.40 -0.06	44.53 3.06 -0.06	46.20 3.11 -3.77	51.79 3.12 -10.20	53.10 3.15 -11.95	52.47 3.18 -11.39	51.81 3.33 -8.31	51.00 3.37 -4.49	52.50 3.75 -0.03	58.53 3.74 -0.53	62.46 4.52 0.00	64.63 4.40 0.00	53.47 3.33 -0.39	45.77 2.67 -0.06	38.00 2.32 -0.02
GRISSOM___SOLAR 323813	38.67 2.49 0.00	33.76 2.30 0.00	31.72 2.19 0.00	30.25 2.01 0.00	32.52 2.01 0.00	37.61 2.23 0.00	48.17 2.86 0.00	53.45 3.17 0.00	48.88 2.50 0.00	46.33 2.12 0.00	43.44 2.03 0.00	41.05 1.73 0.00	40.17 1.69 0.00	39.66 1.67 0.00	39.52 1.63 0.00	42.01 1.85 0.00	45.21 2.07 0.00	51.49 2.78 0.00	58.86 3.64 -0.97	62.40 4.46 0.00	65.17 4.94 0.00	53.33 3.58 0.00	45.84 2.80 0.00	37.77 2.10 0.00
GROVEVILLE___HYD 323602	38.27 2.10 0.00	33.51 2.05 0.00	31.49 1.95 0.00	30.14 1.89 0.00	32.19 1.68 0.00	37.12 1.73 0.00	47.76 2.45 0.00	52.95 2.66 0.00	49.07 2.69 0.00	46.69 2.48 0.00	43.60 2.19 0.00	41.41 2.08 0.00	40.55 2.08 0.00	40.05 2.05 0.00	39.98 2.08 0.00	42.41 2.25 0.00	45.43 2.29 0.00	51.69 2.97 0.00	57.67 3.42 0.00	62.11 4.17 0.00	64.20 3.98 0.00	52.53 2.79 0.00	45.32 2.28 0.00	37.48 1.82 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	36.24 0.07 0.00	31.31 -0.16 0.00	29.33 -0.21 0.00	28.08 -0.17 0.00	30.24 -0.27 0.00	34.96 -0.42 0.00	44.81 -0.50 0.00	49.63 -0.65 0.00	45.73 -0.65 0.00	43.55 -0.66 0.00	40.83 -0.58 0.00	38.74 -0.59 0.00	37.94 -0.54 0.00	37.50 -0.49 0.00	37.36 -0.53 0.00	39.60 -0.56 0.00	42.50 -0.65 0.00	47.94 -0.78 0.00	53.55 -0.71 0.00	57.53 -0.41 0.00	59.93 -0.30 0.00	49.25 -0.50 0.00	42.48 -0.56 0.00	35.24 -0.43 0.00
HAMLTNNY_34_KV_TB 80303	36.28 0.11 0.00	31.31 -0.16 0.00	29.30 -0.24 0.00	28.08 -0.17 0.00	30.21 -0.31 0.00	34.96 -0.42 0.00	44.77 -0.54 0.00	49.58 -0.70 0.00	45.64 -0.74 0.00	43.46 -0.75 0.00	40.75 -0.66 0.00	38.66 -0.67 0.00	37.86 -0.62 0.00	37.42 -0.57 0.00	37.32 -0.57 0.00	39.52 -0.64 0.00	42.45 -0.69 0.00	47.79 -0.93 0.00	53.49 -0.76 0.00	57.48 -0.46 0.00	59.87 -0.36 0.00	49.20 -0.55 0.00	42.40 -0.65 0.00	35.20 -0.46 0.00

HAMPSHIRE___PAPER_HYD 323593	34.83 -1.34 0.00	30.24 -1.23 0.00	28.18 -1.36 0.00	26.89 -1.36 0.00	29.20 -1.31 0.00	34.29 -1.10 0.00	44.04 -1.27 0.00	48.67 -1.61 0.00	44.52 -1.86 0.00	42.31 -1.90 0.00	39.67 -1.74 0.00	37.75 -1.57 0.00	36.90 -1.58 0.00	36.47 -1.52 0.00	36.45 -1.44 0.00	38.64 -1.53 0.00	41.55 -1.60 0.00	46.97 -1.75 0.00	52.41 -1.84 0.00	56.03 -1.91 0.00	58.48 -1.75 0.00	48.45 -1.29 0.00	42.10 -0.95 0.00	34.63 -1.04 0.00
HARDSCRABBLE_WT_PWR 323673	35.88 -0.29 0.00	31.28 -0.19 0.00	29.39 -0.15 0.00	28.11 -0.14 0.00	30.30 -0.21 0.00	35.14 -0.25 0.00	45.00 -0.31 0.00	49.98 -0.30 0.00	46.06 -0.32 0.00	43.86 -0.36 0.00	41.08 -0.33 0.00	38.97 -0.35 0.00	38.09 -0.38 0.00	37.58 -0.42 0.00	37.48 -0.42 0.00	39.72 -0.44 0.00	42.58 -0.56 0.00	48.04 -0.68 0.00	53.60 -0.65 0.00	57.42 -0.52 0.00	59.75 -0.48 0.00	49.20 -0.55 0.00	42.53 -0.51 0.00	35.13 -0.53 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	38.12 1.95 0.00	33.35 1.89 0.00	31.40 1.86 0.00	30.03 1.78 0.00	32.07 1.56 0.00	36.97 1.59 0.00	47.58 2.27 0.00	52.80 2.51 0.00	48.93 2.55 0.00	46.64 2.43 0.00	43.60 2.19 0.00	41.41 2.08 0.00	40.55 2.08 0.00	40.08 2.09 0.00	40.01 2.12 0.00	42.41 2.25 0.00	45.43 2.29 0.00	51.59 2.87 0.00	57.45 3.20 0.00	61.94 4.00 0.00	64.08 3.85 0.00	52.38 2.64 0.00	45.20 2.15 0.00	37.38 1.71 0.00
HARSNRAD_115KV_TB1 81005	36.03 -0.14 0.00	30.18 -1.29 0.00	28.18 -1.36 0.00	27.06 -1.19 0.00	28.96 -1.56 0.00	33.37 -2.02 0.00	41.69 -3.62 0.00	46.06 -4.22 0.00	42.39 -3.99 0.00	40.23 -3.98 0.00	38.01 -3.40 0.00	35.86 -3.46 0.00	34.98 -3.50 0.00	34.54 -3.46 0.00	34.41 -3.49 0.00	36.11 -4.06 0.00	38.82 -4.31 0.01	42.84 -5.31 0.57	49.04 -5.21 0.01	53.54 -4.40 0.00	56.31 -3.91 0.00	45.27 -4.48 0.00	39.38 -3.66 0.00	33.77 -1.89 0.00
HARZA MOOSE___RIVER 24016	36.32 0.14 0.00	31.50 0.03 0.00	29.33 -0.21 0.00	28.05 -0.20 0.00	30.36 -0.15 0.00	35.31 -0.07 0.00	45.27 -0.05 0.00	50.08 -0.20 0.00	46.01 -0.37 0.00	43.64 -0.57 0.00	40.91 -0.50 0.00	38.85 -0.47 0.00	38.02 -0.46 0.00	37.58 -0.42 0.00	37.55 -0.34 0.00	39.88 -0.28 0.00	42.88 -0.26 0.00	48.57 -0.15 0.00	54.31 0.05 0.00	58.34 0.41 0.00	60.95 0.72 0.00	50.19 0.45 0.00	43.39 0.34 0.00	35.70 0.04 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	36.17 0.00 0.00	31.28 -0.19 0.00	29.30 -0.24 0.00	28.05 -0.20 0.00	30.21 -0.31 0.00	34.92 -0.46 0.00	44.68 -0.63 0.00	49.53 -0.75 0.00	45.64 -0.74 0.00	43.46 -0.75 0.00	40.75 -0.66 0.00	38.66 -0.67 0.00	37.86 -0.62 0.00	37.42 -0.57 0.00	37.29 -0.61 0.00	39.52 -0.64 0.00	42.41 -0.73 0.00	47.79 -0.93 0.00	53.44 -0.81 0.00	57.42 -0.52 0.00	59.81 -0.42 0.00	49.10 -0.65 0.00	42.35 -0.69 0.00	35.16 -0.50 0.00
HELLGATE_13_KV_LD 55870	38.67 2.50 0.00	33.86 2.39 0.00	31.87 2.33 0.00	30.48 2.23 0.00	32.46 1.95 0.00	37.36 1.98 0.00	48.17 2.85 0.00	53.50 3.22 0.00	49.95 3.57 0.00	47.75 3.54 0.00	44.60 3.19 0.00	42.55 3.22 0.00	41.75 3.27 0.00	41.26 3.27 0.00	41.19 3.30 0.00	43.62 3.45 0.00	46.64 3.49 0.00	52.57 3.85 -0.01	58.86 3.85 -0.75	62.52 4.58 -0.01	64.69 4.46 -0.01	53.62 3.33 -0.54	45.80 2.75 0.00	37.98 2.32 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	38.67 2.50 0.00	33.86 2.39 0.00	31.87 2.33 0.00	30.48 2.23 0.00	32.46 1.95 0.00	37.36 1.98 0.00	48.17 2.85 0.00	53.50 3.22 0.00	49.95 3.57 0.00	47.75 3.54 0.00	44.60 3.19 0.00	42.55 3.22 0.00	41.75 3.27 0.00	41.26 3.27 0.00	41.19 3.30 0.00	43.62 3.45 0.00	46.64 3.49 0.00	52.57 3.85 -0.01	58.86 3.85 -0.75	62.52 4.58 -0.01	64.69 4.46 -0.01	53.62 3.33 -0.54	45.80 2.75 0.00	37.98 2.32 0.00
HEMPSTEAD____ 23647	47.06 2.71 -8.18	41.02 2.49 -7.07	33.07 2.42 -1.11	30.61 2.34 -0.02	32.69 2.17 -0.02	37.63 2.23 -0.02	48.37 3.04 -0.02	53.75 3.47 -0.01	49.83 3.43 -0.02	47.59 3.36 -0.02	46.68 2.69 -2.58	47.43 2.64 -5.47	47.23 2.73 -6.02	45.34 2.74 -4.61	53.80 2.69 -13.22	54.01 2.93 -10.91	62.81 2.94 -16.73	77.76 3.41 -25.63	76.83 3.85 -18.73	84.86 4.69 -22.23	89.88 4.70 -24.95	68.71 3.28 -15.68	46.04 2.84 -0.16	43.12 2.43 -5.03
HICKLING___1 23621	37.33 1.16 0.00	31.84 0.38 0.00	29.75 0.21 0.00	28.53 0.28 0.00	30.63 0.12 0.00	35.31 -0.07 0.00	44.86 -0.45 0.00	49.58 -0.70 0.00	45.45 -0.93 0.00	43.15 -1.06 0.00	40.62 -0.79 0.00	38.34 -0.98 0.00	37.52 -0.96 0.00	37.08 -0.91 0.00	36.94 -0.95 0.00	39.04 -1.12 0.00	41.83 -1.29 0.02	48.21 -0.97 -0.47	53.09 -1.14 0.02	57.82 -0.12 0.00	60.53 0.30 0.00	49.35 -0.40 0.00	42.57 -0.47 0.00	35.74 0.07 0.00
HICKLING___2 23622	37.33 1.16 0.00	31.84 0.38 0.00	29.75 0.21 0.00	28.53 0.28 0.00	30.63 0.12 0.00	35.31 -0.07 0.00	44.86 -0.45 0.00	49.58 -0.70 0.00	45.45 -0.93 0.00	43.15 -1.06 0.00	40.62 -0.79 0.00	38.34 -0.98 0.00	37.52 -0.96 0.00	37.08 -0.91 0.00	36.94 -0.95 0.00	39.04 -1.12 0.00	41.83 -1.29 0.02	48.21 -0.97 -0.47	53.09 -1.14 0.02	57.82 -0.12 0.00	60.53 0.30 0.00	49.35 -0.40 0.00	42.57 -0.47 0.00	35.74 0.07 0.00
HIGH FALLS___HY 23754	38.23 2.06 0.00	33.42 1.95 0.00	31.43 1.89 0.00	30.08 1.84 0.00	32.13 1.62 0.00	37.08 1.70 0.00	47.71 2.40 0.00	52.80 2.51 0.00	48.98 2.60 0.00	46.60 2.39 0.00	43.52 2.11 0.00	41.37 2.04 0.00	40.52 2.04 0.00	40.05 2.05 0.00	39.98 2.08 0.00	42.33 2.17 0.00	45.34 2.20 0.00	51.54 2.83 0.00	57.07 3.26 0.44	62.05 4.11 0.00	64.08 3.85 0.00	52.43 2.69 0.00	45.24 2.20 0.00	37.45 1.78 0.00
HIGH_RIVER___SOLAR 323847	37.87 1.70 0.00	33.13 1.67 0.00	31.13 1.59 0.00	29.72 1.47 0.00	31.92 1.40 0.00	36.87 1.49 0.00	47.21 1.90 0.00	52.34 2.06 0.00	47.96 1.58 0.00	45.54 1.33 0.00	42.61 1.20 0.00	40.42 1.10 0.00	39.55 1.08 0.00	39.02 1.03 0.00	38.88 0.98 0.00	41.33 1.17 0.00	44.44 1.29 0.00	50.52 1.80 0.00	57.73 2.44 -1.03	61.07 3.13 0.00	63.66 3.43 0.00	52.18 2.44 0.00	44.93 1.89 0.00	37.09 1.43 0.00
HILLBURN___GT 23639	38.20 2.02 0.00	33.45 1.98 0.00	31.46 1.92 0.00	30.11 1.86 0.00	32.19 1.68 0.00	37.05 1.66 0.00	47.62 2.31 0.00	52.94 2.66 0.00	49.16 2.78 0.00	46.91 2.70 0.00	43.85 2.44 0.00	41.72 2.40 0.00	40.90 2.43 0.00	40.39 2.40 0.00	40.32 2.43 0.00	42.74 2.57 0.00	45.73 2.59 0.00	51.79 3.07 0.00	57.62 3.36 0.00	62.11 4.17 0.00	64.44 4.21 0.00	52.58 2.83 0.00	45.37 2.32 0.00	37.52 1.85 0.00
HILLSIDE_115KV_TB1 80332	36.61 0.43 0.00	31.37 -0.09 0.00	29.39 -0.15 0.00	28.16 -0.08 0.00	30.24 -0.27 0.00	34.85 -0.53 0.00	44.27 -1.04 0.00	48.97 -1.31 0.00	45.04 -1.35 0.00	42.80 -1.41 0.00	40.25 -1.16 0.00	38.07 -1.26 0.00	37.28 -1.19 0.00	36.82 -1.18 0.00	36.72 -1.17 0.00	38.80 -1.37 0.00	41.57 -1.55 0.02	47.76 -1.27 -0.31	52.60 -1.63 0.02	57.13 -0.81 0.00	59.69 -0.54 0.00	48.65 -1.09 0.00	41.97 -1.08 0.00	35.20 -0.46 0.00

HISHELDN_WT_PWR 323625	36.50 0.32 0.00	30.71 -0.76 0.00	28.68 -0.86 0.00	27.51 -0.73 0.00	29.51 -1.01 0.00	33.86 -1.52 0.00	42.50 -2.81 0.00	47.01 -3.27 0.00	43.00 -3.38 0.00	40.67 -3.54 0.00	38.51 -2.90 0.00	36.18 -3.15 0.00	35.28 -3.19 0.00	34.88 -3.11 0.00	34.71 -3.18 0.00	36.55 -3.61 0.00	39.25 -3.88 0.01	42.49 -4.34 1.89	49.90 -4.34 0.01	54.58 -3.36 0.00	57.09 -3.13 0.00	46.41 -3.33 0.00	40.25 -2.80 0.00	34.45 -1.21 0.00
HOLTSVILLE_IC_1 23690	44.12 3.22 -4.73	38.36 2.80 -4.09	32.93 2.75 -0.64	30.94 2.68 -0.01	33.02 2.50 -0.01	37.97 2.58 -0.01	48.54 3.22 -0.01	53.86 3.57 0.00	49.87 3.48 -0.01	47.58 3.36 -0.01	45.39 2.48 -1.49	44.93 2.44 -3.17	44.50 2.54 -3.49	43.25 2.58 -2.67	46.54 2.50 -6.15	48.00 2.85 -4.98	55.57 2.85 -9.58	66.98 3.46 -14.81	65.54 4.18 -7.11	75.72 5.04 -12.74	79.60 5.06 -14.31	59.72 3.53 -6.44	46.10 2.97 -0.09	41.50 2.93 -2.91
HOLTSVILLE_IC_10 23699	44.40 3.44 -4.79	38.56 2.96 -4.14	33.08 2.90 -0.65	31.11 2.85 -0.01	33.21 2.69 -0.01	38.15 2.76 -0.01	48.81 3.49 -0.01	54.21 3.92 0.00	50.15 3.76 -0.01	47.85 3.63 -0.01	45.65 2.73 -1.51	45.16 2.64 -3.20	44.73 2.73 -3.52	43.46 2.77 -2.70	46.88 2.73 -6.26	48.37 3.13 -5.07	55.98 3.15 -9.68	67.54 3.85 -14.97	66.15 4.61 -7.29	76.38 5.56 -12.88	80.30 5.60 -14.47	60.26 3.93 -6.58	46.41 3.27 -0.09	41.75 3.14 -2.94
HOLTSVILLE_IC_2 23691	44.12 3.22 -4.73	38.36 2.80 -4.09	32.93 2.75 -0.64	30.94 2.68 -0.01	33.02 2.50 -0.01	37.97 2.58 -0.01	48.54 3.22 -0.01	53.86 3.57 0.00	49.87 3.48 -0.01	47.58 3.36 -0.01	45.39 2.48 -1.49	44.93 2.44 -3.17	44.50 2.54 -3.49	43.25 2.58 -2.67	46.54 2.50 -6.15	48.00 2.85 -4.98	55.57 2.85 -9.58	66.98 3.46 -14.81	65.54 4.18 -7.11	75.72 5.04 -12.74	79.60 5.06 -14.31	59.72 3.53 -6.44	46.10 2.97 -0.09	41.50 2.93 -2.91
HOLTSVILLE_IC_3 23692	44.12 3.22 -4.73	38.36 2.80 -4.09	32.93 2.75 -0.64	30.94 2.68 -0.01	33.02 2.50 -0.01	37.97 2.58 -0.01	48.54 3.22 -0.01	53.86 3.57 0.00	49.87 3.48 -0.01	47.58 3.36 -0.01	45.39 2.48 -1.49	44.93 2.44 -3.17	44.50 2.54 -3.49	43.25 2.58 -2.67	46.54 2.50 -6.15	48.00 2.85 -4.98	55.57 2.85 -9.58	66.98 3.46 -14.81	65.54 4.18 -7.11	75.72 5.04 -12.74	79.60 5.06 -14.31	59.72 3.53 -6.44	46.10 2.97 -0.09	41.50 2.93 -2.91
HOLTSVILLE_IC_4 23693	44.12 3.22 -4.73	38.36 2.80 -4.09	32.93 2.75 -0.64	30.94 2.68 -0.01	33.02 2.50 -0.01	37.97 2.58 -0.01	48.54 3.22 -0.01	53.86 3.57 0.00	49.87 3.48 -0.01	47.58 3.36 -0.01	45.39 2.48 -1.49	44.93 2.44 -3.17	44.50 2.54 -3.49	43.25 2.58 -2.67	46.54 2.50 -6.15	48.00 2.85 -4.98	55.57 2.85 -9.58	66.98 3.46 -14.81	65.54 4.18 -7.11	75.72 5.04 -12.74	79.60 5.06 -14.31	59.72 3.53 -6.44	46.10 2.97 -0.09	41.50 2.93 -2.91
HOLTSVILLE_IC_5 23694	44.12 3.22 -4.73	38.36 2.80 -4.09	32.93 2.75 -0.64	30.94 2.68 -0.01	33.02 2.50 -0.01	37.97 2.58 -0.01	48.54 3.22 -0.01	53.86 3.57 0.00	49.87 3.48 -0.01	47.58 3.36 -0.01	45.39 2.48 -1.49	44.93 2.44 -3.17	44.50 2.54 -3.49	43.25 2.58 -2.67	46.54 2.50 -6.15	48.00 2.85 -4.98	55.57 2.85 -9.58	66.98 3.46 -14.81	65.54 4.18 -7.11	75.72 5.04 -12.74	79.60 5.06 -14.31	59.72 3.53 -6.44	46.10 2.97 -0.09	41.50 2.93 -2.91
HOLTSVILLE_IC_6 23695	44.40 3.44 -4.79	38.56 2.96 -4.14	33.08 2.90 -0.65	31.11 2.85 -0.01	33.21 2.69 -0.01	38.15 2.76 -0.01	48.81 3.49 -0.01	54.21 3.92 0.00	50.15 3.76 -0.01	47.85 3.63 -0.01	45.65 2.73 -1.51	45.16 2.64 -3.20	44.73 2.73 -3.52	43.46 2.77 -2.70	46.88 2.73 -6.26	48.37 3.13 -5.07	55.98 3.15 -9.68	67.54 3.85 -14.97	66.15 4.61 -7.29	76.38 5.56 -12.88	80.30 5.60 -14.47	60.26 3.93 -6.58	46.41 3.27 -0.09	41.75 3.14 -2.94
HOLTSVILLE_IC_7 23696	44.40 3.44 -4.79	38.56 2.96 -4.14	33.08 2.90 -0.65	31.11 2.85 -0.01	33.21 2.69 -0.01	38.15 2.76 -0.01	48.81 3.49 -0.01	54.21 3.92 0.00	50.15 3.76 -0.01	47.85 3.63 -0.01	45.65 2.73 -1.51	45.16 2.64 -3.20	44.73 2.73 -3.52	43.46 2.77 -2.70	46.88 2.73 -6.26	48.37 3.13 -5.07	55.98 3.15 -9.68	67.54 3.85 -14.97	66.15 4.61 -7.29	76.38 5.56 -12.88	80.30 5.60 -14.47	60.26 3.93 -6.58	46.41 3.27 -0.09	41.75 3.14 -2.94
HOLTSVILLE_IC_8 23697	44.40 3.44 -4.79	38.56 2.96 -4.14	33.08 2.90 -0.65	31.11 2.85 -0.01	33.21 2.69 -0.01	38.15 2.76 -0.01	48.81 3.49 -0.01	54.21 3.92 0.00	50.15 3.76 -0.01	47.85 3.63 -0.01	45.65 2.73 -1.51	45.16 2.64 -3.20	44.73 2.73 -3.52	43.46 2.77 -2.70	46.88 2.73 -6.26	48.37 3.13 -5.07	55.98 3.15 -9.68	67.54 3.85 -14.97	66.15 4.61 -7.29	76.38 5.56 -12.88	80.30 5.60 -14.47	60.26 3.93 -6.58	46.41 3.27 -0.09	41.75 3.14 -2.94
HOLTSVILLE_IC_9 23698	44.40 3.44 -4.79	38.56 2.96 -4.14	33.08 2.90 -0.65	31.11 2.85 -0.01	33.21 2.69 -0.01	38.15 2.76 -0.01	48.81 3.49 -0.01	54.21 3.92 0.00	50.15 3.76 -0.01	47.85 3.63 -0.01	45.65 2.73 -1.51	45.16 2.64 -3.20	44.73 2.73 -3.52	43.46 2.77 -2.70	46.88 2.73 -6.26	48.37 3.13 -5.07	55.98 3.15 -9.68	67.54 3.85 -14.97	66.15 4.61 -7.29	76.38 5.56 -12.88	80.30 5.60 -14.47	60.26 3.93 -6.58	46.41 3.27 -0.09	41.75 3.14 -2.94
HOMER_HL_115KV_TB2 355744	36.71 0.54 0.00	30.80 -0.66 0.00	28.80 -0.74 0.00	27.71 -0.54 0.00	29.63 -0.88 0.00	34.07 -1.31 0.00	42.77 -2.54 0.00	47.16 -3.12 0.00	43.27 -3.11 0.00	40.99 -3.23 0.00	38.80 -2.61 0.00	36.61 -2.71 0.00	35.82 -2.65 0.00	35.37 -2.62 0.00	35.20 -2.69 0.00	36.99 -3.17 0.00	39.55 -3.58 0.01	47.05 -1.56 0.11	50.28 -3.96 0.01	55.27 -2.67 0.00	58.06 -2.17 0.00	46.66 -3.08 0.00	40.37 -2.67 0.00	34.59 -1.07 0.00
HOWARD_WT_PWR 323690	37.22 1.05 0.00	31.47 0.00 0.00	29.36 -0.18 0.00	28.16 -0.08 0.00	30.24 -0.28 0.00	34.78 -0.60 0.00	44.00 -1.32 0.00	48.52 -1.76 0.00	44.25 -2.13 0.00	41.82 -2.39 0.00	39.34 -2.07 0.00	36.93 -2.40 0.00	36.09 -2.39 0.00	35.67 -2.32 0.00	35.51 -2.39 0.00	37.47 -2.69 0.00	40.19 -2.94 0.02	47.87 -3.07 -2.22	51.41 -2.82 0.02	56.38 -1.56 0.00	59.15 -1.08 0.00	48.35 -1.39 0.00	41.75 -1.29 0.00	35.42 -0.25 0.00
HQ_GEN_CEDARS 23644	35.34 -0.83 0.00	30.71 -0.76 0.00	28.74 -0.80 0.00	27.40 -0.85 0.00	29.84 -0.67 0.00	35.10 -0.28 0.00	45.13 -0.18 0.00	49.83 -0.45 0.00	45.73 -0.65 0.00	43.77 -0.44 0.00	40.99 -0.41 0.00	39.09 -0.24 0.00	38.17 -0.31 0.00	37.73 -0.27 0.00	37.66 -0.23 0.00	39.80 -0.36 0.00	42.84 -0.30 0.00	48.13 -0.58 0.00	53.49 -0.76 0.00	56.55 -1.39 0.00	58.84 -1.39 0.00	49.10 -0.65 0.00	42.96 -0.09 0.00	35.52 -0.14 0.00
HQ_GEN_CEDARS_PROXY 323590	35.34 -0.83 0.00	30.71 -0.76 0.00	28.74 -0.80 0.00	27.40 -0.85 0.00	29.84 -0.67 0.00	35.10 -0.28 0.00	45.13 -0.18 0.00	49.83 -0.45 0.00	45.73 -0.65 0.00	43.77 -0.44 0.00	40.99 -0.41 0.00	39.09 -0.23 0.00	38.17 -0.31 0.00	37.73 -0.26 0.00	37.67 -0.23 0.00	39.80 -0.36 0.00	42.84 -0.30 0.00	48.14 -0.58 0.00	53.49 -0.76 0.00	56.55 -1.39 0.00	58.90 -1.33 0.00	49.10 -0.65 0.00	42.91 -0.13 0.00	35.52 -0.14 0.00

HQ_GEN_IMPORT 323601	35.70 -0.47 0.00	30.99 -0.47 0.00	29.10 -0.44 0.00	27.79 -0.45 0.00	30.27 -0.25 0.00	35.31 -0.07 0.00	45.27 -0.05 0.00	50.23 -0.05 0.00	46.24 -0.14 0.00	44.12 -0.09 0.00	41.33 -0.08 0.00	39.29 -0.04 0.00	38.40 -0.08 0.00	37.92 -0.08 0.00	37.85 -0.04 0.00	40.05 -0.12 0.00	43.10 -0.04 0.00	48.57 -0.15 0.00	55.61 -0.22 -1.57	55.61 -0.75 1.57	55.62 -0.78 3.82	53.37 -0.20 -3.82	43.00 -0.04 0.00	35.66 0.00 0.00
HQ_GEN_WHEEL 23651	35.70 -0.47 0.00	30.99 -0.47 0.00	29.10 -0.44 0.00	27.79 -0.45 0.00	30.27 -0.25 0.00	35.31 -0.07 0.00	45.27 -0.05 0.00	50.23 -0.05 0.00	46.24 -0.14 0.00	44.12 -0.09 0.00	41.33 -0.08 0.00	39.29 -0.04 0.00	38.40 -0.08 0.00	37.92 -0.08 0.00	37.85 -0.04 0.00	40.05 -0.12 0.00	43.10 -0.04 0.00	48.57 -0.15 0.00	55.61 -0.22 -1.57	55.61 -0.75 1.57	55.62 -0.78 3.82	53.37 -0.20 -3.82	43.00 -0.04 0.00	35.66 0.00 0.00
HUDSON AVE_GT_3 23810	38.59 2.42 0.00	33.76 2.30 0.00	31.78 2.24 0.00	30.39 2.15 0.00	32.40 1.89 0.00	37.29 1.91 0.00	48.12 2.81 0.00	53.55 3.27 0.00	49.86 3.48 0.00	47.62 3.40 0.00	44.47 3.06 0.00	42.35 3.03 0.00	41.52 3.04 0.00	41.07 3.08 0.00	41.40 3.07 -0.44	43.73 3.17 -0.39	46.40 3.24 -0.02	52.48 3.75 -0.01	59.22 3.91 -1.07	62.71 4.75 -0.02	64.89 4.64 -0.02	53.84 3.33 -0.76	45.80 2.75 0.00	37.88 2.21 0.00
HUDSON AVE_GT_4 23540	38.59 2.42 0.00	33.76 2.30 0.00	31.78 2.24 0.00	30.39 2.15 0.00	32.40 1.89 0.00	37.29 1.91 0.00	48.12 2.81 0.00	53.55 3.27 0.00	49.86 3.48 0.00	47.62 3.40 0.00	44.47 3.06 0.00	42.35 3.03 0.00	41.52 3.04 0.00	41.07 3.08 0.00	41.40 3.07 -0.44	43.73 3.17 -0.39	46.40 3.24 -0.02	52.48 3.75 -0.01	59.22 3.91 -1.07	62.71 4.75 -0.02	64.89 4.64 -0.02	53.84 3.33 -0.76	45.80 2.75 0.00	37.88 2.21 0.00
HUDSON AVE_GT_5 23657	38.59 2.42 0.00	33.76 2.30 0.00	31.78 2.24 0.00	30.39 2.15 0.00	32.40 1.89 0.00	37.29 1.91 0.00	48.12 2.81 0.00	53.55 3.27 0.00	49.86 3.48 0.00	47.62 3.40 0.00	44.47 3.06 0.00	42.35 3.03 0.00	41.52 3.04 0.00	41.07 3.08 0.00	41.40 3.07 -0.44	43.73 3.17 -0.39	46.40 3.24 -0.02	52.48 3.75 -0.01	59.22 3.91 -1.07	62.71 4.75 -0.02	64.89 4.64 -0.02	53.84 3.33 -0.76	45.80 2.75 0.00	37.88 2.21 0.00
HUDSON_AVE_10 24168	38.52 2.35 0.00	33.70 2.23 0.00	31.72 2.19 0.00	30.34 2.09 0.00	32.34 1.83 0.00	37.26 1.88 0.00	48.03 2.72 0.00	53.50 3.22 0.00	49.77 3.39 0.00	47.57 3.36 0.00	44.43 3.02 0.00	42.31 2.99 0.00	41.48 3.00 0.00	41.03 3.04 0.00	42.58 2.88 -1.80	44.78 3.01 -1.60	46.29 3.06 -0.08	52.32 3.56 -0.04	62.34 3.69 -4.40	62.54 4.52 -0.08	64.71 4.40 -0.08	56.02 3.13 -3.15	45.75 2.71 0.00	37.84 2.18 0.00
HUDSON___115KV_TB 4 355613	37.36 1.19 0.00	32.79 1.32 0.00	30.84 1.30 0.00	29.46 1.21 0.00	31.58 1.07 0.00	36.41 1.03 0.00	46.63 1.31 0.00	51.79 1.51 0.00	47.59 1.21 0.00	45.23 1.02 0.00	42.24 0.83 0.00	39.95 0.63 0.00	39.13 0.65 0.00	38.53 0.53 0.00	38.46 0.57 0.00	41.01 0.84 0.00	44.01 0.86 0.00	50.08 1.36 0.00	53.29 2.01 2.97	60.31 2.38 0.00	62.46 2.23 0.00	51.24 1.49 0.00	44.21 1.16 0.00	36.52 0.86 0.00
HUNTER MOUNT___DRP 323613	37.36 1.19 0.00	32.82 1.35 0.00	30.84 1.30 0.00	29.46 1.21 0.00	31.61 1.10 0.00	36.44 1.06 0.00	46.67 1.36 0.00	51.74 1.46 0.00	47.49 1.11 0.00	45.05 0.84 0.00	42.07 0.66 0.00	39.76 0.43 0.00	38.90 0.42 0.00	38.34 0.34 0.00	38.23 0.34 0.00	40.77 0.60 0.00	43.79 0.65 0.00	49.89 1.17 0.00	54.05 2.12 2.31	60.26 2.32 0.00	62.34 2.11 0.00	51.14 1.39 0.00	44.16 1.12 0.00	36.48 0.82 0.00
HUNTINGTON_RES_REC 323705	44.24 3.29 -4.78	38.46 2.86 -4.13	32.96 2.78 -0.65	31.00 2.74 -0.01	33.08 2.56 -0.01	38.05 2.65 -0.01	48.81 3.49 -0.01	54.26 3.97 0.00	50.15 3.76 -0.01	47.89 3.67 -0.01	45.73 2.82 -1.51	45.28 2.75 -3.20	44.84 2.85 -3.52	43.57 2.89 -2.70	46.94 2.80 -6.24	48.40 3.17 -5.06	56.10 3.28 -9.68	67.57 3.90 -14.95	66.13 4.61 -7.27	76.38 5.56 -12.87	80.29 5.60 -14.46	60.29 3.98 -6.56	46.41 3.27 -0.09	41.60 3.00 -2.94
HUNTLEY___63 23557	36.50 0.33 0.00	30.46 -1.01 0.00	28.42 -1.12 0.00	27.32 -0.93 0.00	29.23 -1.28 0.00	33.65 -1.73 0.00	42.05 -3.26 0.00	46.56 -3.72 0.00	42.86 -3.52 0.00	40.63 -3.58 0.00	38.43 -2.98 0.00	36.22 -3.11 0.00	35.36 -3.12 0.00	34.92 -3.08 0.00	34.79 -3.11 0.00	36.51 -3.66 0.00	39.21 -3.93 0.01	43.32 -4.82 0.57	49.52 -4.72 0.01	54.06 -3.88 0.00	56.86 -3.37 0.00	45.77 -3.98 0.00	39.81 -3.23 0.00	34.13 -1.53 0.00
HUNTLEY___64 23558	36.50 0.33 0.00	30.46 -1.01 0.00	28.42 -1.12 0.00	27.32 -0.93 0.00	29.23 -1.28 0.00	33.65 -1.73 0.00	42.05 -3.26 0.00	46.56 -3.72 0.00	42.86 -3.52 0.00	40.63 -3.58 0.00	38.43 -2.98 0.00	36.22 -3.11 0.00	35.36 -3.12 0.00	34.92 -3.08 0.00	34.79 -3.11 0.00	36.51 -3.66 0.00	39.21 -3.93 0.01	43.32 -4.82 0.57	49.52 -4.72 0.01	54.06 -3.88 0.00	56.86 -3.37 0.00	45.77 -3.98 0.00	39.81 -3.23 0.00	34.13 -1.53 0.00
HUNTLEY___65 23559	36.50 0.33 0.00	30.46 -1.01 0.00	28.42 -1.12 0.00	27.32 -0.93 0.00	29.23 -1.28 0.00	33.65 -1.73 0.00	42.05 -3.26 0.00	46.56 -3.72 0.00	42.86 -3.52 0.00	40.63 -3.58 0.00	38.43 -2.98 0.00	36.22 -3.11 0.00	35.36 -3.12 0.00	34.92 -3.08 0.00	34.79 -3.11 0.00	36.51 -3.66 0.00	39.21 -3.93 0.01	43.32 -4.82 0.57	49.52 -4.72 0.01	54.06 -3.88 0.00	56.86 -3.37 0.00	45.77 -3.98 0.00	39.81 -3.23 0.00	34.13 -1.53 0.00
HUNTLEY___66 23560	36.50 0.33 0.00	30.46 -1.01 0.00	28.42 -1.12 0.00	27.32 -0.93 0.00	29.23 -1.28 0.00	33.65 -1.73 0.00	42.05 -3.26 0.00	46.56 -3.72 0.00	42.86 -3.52 0.00	40.63 -3.58 0.00	38.43 -2.98 0.00	36.22 -3.11 0.00	35.36 -3.12 0.00	34.92 -3.08 0.00	34.79 -3.11 0.00	36.51 -3.66 0.00	39.21 -3.93 0.01	43.32 -4.82 0.57	49.52 -4.72 0.01	54.06 -3.88 0.00	56.86 -3.37 0.00	45.77 -3.98 0.00	39.81 -3.23 0.00	34.13 -1.53 0.00
HUNTLEY___67 23561	36.10 -0.07 0.00	30.30 -1.16 0.00	28.30 -1.24 0.00	27.20 -1.05 0.00	29.11 -1.40 0.00	33.51 -1.88 0.00	41.91 -3.40 0.00	46.31 -3.97 0.00	42.62 -3.76 0.00	40.45 -3.76 0.00	38.22 -3.19 0.00	36.06 -3.26 0.00	35.17 -3.31 0.00	34.76 -3.23 0.00	34.63 -3.26 0.00	36.31 -3.86 0.00	39.04 -4.10 0.01	43.19 -4.92 0.61	49.31 -4.94 0.01	53.77 -4.17 0.00	56.56 -3.67 0.00	45.47 -4.28 0.00	39.60 -3.44 0.00	33.92 -1.75 0.00
HUNTLEY___68 23562	36.10 -0.07 0.00	30.30 -1.16 0.00	28.30 -1.24 0.00	27.20 -1.05 0.00	29.11 -1.40 0.00	33.51 -1.88 0.00	41.91 -3.40 0.00	46.31 -3.97 0.00	42.62 -3.76 0.00	40.45 -3.76 0.00	38.22 -3.19 0.00	36.06 -3.26 0.00	35.17 -3.31 0.00	34.76 -3.23 0.00	34.63 -3.26 0.00	36.31 -3.86 0.00	39.04 -4.10 0.01	43.19 -4.92 0.61	49.31 -4.94 0.01	53.77 -4.17 0.00	56.56 -3.67 0.00	45.47 -4.28 0.00	39.60 -3.44 0.00	33.92 -1.75 0.00

HYLAND___LFGE 323620	38.45 2.28 0.00	32.16 0.69 0.00	30.07 0.53 0.00	28.73 0.48 0.00	30.94 0.43 0.00	35.74 0.35 0.00	45.31 0.00 0.00	50.03 -0.25 0.00	45.18 -1.21 0.00	42.58 -1.63 0.00	39.79 -1.62 0.00	37.36 -1.97 0.00	36.29 -2.19 0.00	35.90 -2.09 0.00	35.88 -2.01 0.00	37.96 -2.21 0.00	40.93 -2.20 0.01	47.61 -3.55 -2.45	51.36 -2.88 0.01	56.55 -1.39 0.00	59.39 -0.84 0.00	48.40 -1.34 0.00	41.71 -1.33 0.00	36.31 0.64 0.00
INDECK___CORINTH 23802	37.98 1.81 0.00	33.26 1.79 0.00	31.28 1.74 0.00	29.86 1.61 0.00	32.04 1.52 0.00	37.01 1.63 0.00	47.49 2.17 0.00	52.94 2.66 0.00	48.65 2.27 0.00	46.20 1.99 0.00	43.19 1.78 0.00	40.78 1.46 0.00	39.94 1.46 0.00	39.40 1.41 0.00	39.25 1.36 0.00	41.81 1.65 0.00	45.00 1.85 0.00	51.15 2.43 0.00	59.03 3.15 -1.63	61.65 3.71 0.00	64.14 3.91 0.00	52.48 2.73 0.00	45.15 2.11 0.00	37.16 1.50 0.00
INDECK___ILION 23567	36.14 -0.04 0.00	31.50 0.03 0.00	29.57 0.03 0.00	28.30 0.06 0.00	30.51 0.00 0.00	35.31 -0.07 0.00	45.27 -0.05 0.00	50.23 -0.05 0.00	46.33 -0.05 0.00	44.12 -0.09 0.00	41.33 -0.08 0.00	39.21 -0.12 0.00	38.36 -0.12 0.00	37.84 -0.15 0.00	37.74 -0.15 0.00	40.04 -0.12 0.00	42.97 -0.17 0.00	48.52 -0.19 0.00	54.09 -0.16 0.00	57.94 0.00 0.00	60.29 0.06 0.00	49.65 -0.10 0.00	42.91 -0.13 0.00	35.49 -0.18 0.00
INDECK___OLEAN 23982	36.71 0.54 0.00	30.84 -0.63 0.00	28.80 -0.74 0.00	27.71 -0.54 0.00	29.72 -0.79 0.00	34.11 -1.27 0.00	42.78 -2.54 0.00	47.16 -3.12 0.00	43.27 -3.11 0.00	40.99 -3.23 0.00	38.88 -2.53 0.00	36.61 -2.71 0.00	35.78 -2.69 0.00	35.37 -2.62 0.00	35.20 -2.69 0.00	36.99 -3.17 0.00	39.55 -3.58 0.01	45.78 -2.83 0.11	50.66 -3.58 0.01	55.16 -2.78 0.00	57.76 -2.47 0.00	46.61 -3.13 0.00	40.29 -2.76 0.00	34.60 -1.07 0.00
INDECK___OSWEGO 23783	35.56 -0.62 0.00	30.77 -0.69 0.00	28.86 -0.68 0.00	27.63 -0.62 0.00	29.75 -0.76 0.00	34.43 -0.95 0.00	44.04 -1.27 0.00	48.82 -1.46 0.00	44.94 -1.44 0.00	42.80 -1.42 0.00	40.12 -1.28 0.00	38.07 -1.26 0.00	37.24 -1.23 0.00	36.82 -1.18 0.00	36.68 -1.21 0.00	38.88 -1.29 0.00	41.76 -1.38 0.00	47.16 -1.56 0.00	52.63 -1.63 0.00	56.49 -1.45 0.00	58.85 -1.38 0.00	48.40 -1.34 0.00	41.75 -1.29 0.00	34.63 -1.04 0.00
INDECK___YERKES 23781	36.53 0.36 0.00	30.49 -0.98 0.00	28.45 -1.09 0.00	27.34 -0.91 0.00	29.32 -1.19 0.00	33.68 -1.70 0.00	42.10 -3.22 0.00	46.61 -3.67 0.00	42.90 -3.48 0.00	40.67 -3.54 0.00	38.63 -2.77 0.00	36.26 -3.07 0.00	35.40 -3.08 0.00	34.95 -3.04 0.00	34.82 -3.07 0.00	36.55 -3.61 0.00	39.25 -3.88 0.01	43.52 -4.63 0.57	49.52 -4.72 0.01	54.06 -3.88 0.00	56.44 -3.79 0.00	45.72 -4.03 0.00	39.73 -3.31 0.00	34.17 -1.50 0.00
INDIAN POINT_GT_1 24139	38.20 2.03 0.00	33.45 1.98 0.00	31.49 1.95 0.00	30.11 1.86 0.00	32.16 1.65 0.00	37.05 1.66 0.00	47.67 2.36 0.00	53.00 2.72 0.00	49.21 2.83 0.00	46.95 2.74 0.00	43.89 2.48 0.00	41.76 2.44 0.00	40.94 2.46 0.00	40.46 2.47 0.00	40.39 2.50 0.00	42.78 2.61 0.00	45.82 2.67 0.00	51.93 3.22 0.00	57.62 3.36 0.00	62.11 4.17 0.00	64.32 4.10 0.00	52.58 2.84 0.00	45.37 2.32 0.00	37.52 1.85 0.00
INDIAN POINT_GT_2 23659	38.20 2.03 0.00	33.45 1.98 0.00	31.49 1.95 0.00	30.11 1.86 0.00	32.16 1.65 0.00	37.05 1.66 0.00	47.67 2.36 0.00	53.00 2.72 0.00	49.21 2.83 0.00	46.95 2.74 0.00	43.89 2.48 0.00	41.76 2.44 0.00	40.94 2.46 0.00	40.46 2.47 0.00	40.39 2.50 0.00	42.78 2.61 0.00	45.82 2.67 0.00	51.93 3.22 0.00	57.62 3.36 0.00	62.11 4.17 0.00	64.32 4.10 0.00	52.58 2.84 0.00	45.37 2.32 0.00	37.52 1.85 0.00
INDIAN POINT_GT_3 24019	38.20 2.03 0.00	33.45 1.98 0.00	31.49 1.95 0.00	30.11 1.86 0.00	32.16 1.65 0.00	37.05 1.66 0.00	47.67 2.36 0.00	53.00 2.72 0.00	49.21 2.83 0.00	46.95 2.74 0.00	43.89 2.48 0.00	41.76 2.44 0.00	40.94 2.46 0.00	40.46 2.47 0.00	40.39 2.50 0.00	42.78 2.61 0.00	45.82 2.67 0.00	51.93 3.22 0.00	57.62 3.36 0.00	62.11 4.17 0.00	64.32 4.10 0.00	52.58 2.84 0.00	45.37 2.32 0.00	37.52 1.85 0.00
INDIAN POINT___2 23530	38.20 2.02 0.00	33.42 1.95 0.00	31.46 1.92 0.00	30.11 1.86 0.00	32.16 1.65 0.00	37.01 1.63 0.00	47.62 2.31 0.00	52.94 2.66 0.00	49.16 2.78 0.00	46.91 2.70 0.00	43.85 2.44 0.00	41.72 2.40 0.00	40.90 2.43 0.00	40.43 2.43 0.00	40.32 2.43 0.00	42.77 2.61 0.00	45.78 2.63 0.00	51.79 3.07 0.00	57.56 3.31 0.00	62.05 4.11 0.00	64.38 4.15 0.00	52.58 2.83 0.00	45.37 2.32 0.00	37.48 1.82 0.00
INDIAN POINT___3 23531	38.16 1.99 0.00	33.42 1.95 0.00	31.46 1.92 0.00	30.08 1.84 0.00	32.13 1.62 0.00	37.01 1.63 0.00	47.58 2.27 0.00	52.90 2.61 0.00	49.16 2.78 0.00	46.91 2.70 0.00	43.85 2.44 0.00	41.72 2.40 0.00	40.90 2.42 0.00	40.42 2.43 0.00	40.32 2.43 0.00	42.74 2.57 0.00	45.73 2.59 0.00	51.84 3.12 0.00	57.51 3.26 0.00	62.05 4.11 0.00	64.20 3.98 0.00	52.53 2.79 0.00	45.28 2.24 0.00	37.48 1.82 0.00
INGHAM_C_115KV_TB7 356103	35.77 -0.40 0.00	31.18 -0.28 0.00	29.30 -0.24 0.00	28.02 -0.23 0.00	30.21 -0.31 0.00	34.99 -0.39 0.00	44.86 -0.45 0.00	49.78 -0.50 0.00	45.92 -0.46 0.00	43.68 -0.53 0.00	40.91 -0.50 0.00	38.81 -0.51 0.00	37.94 -0.54 0.00	37.42 -0.57 0.00	37.32 -0.57 0.00	39.56 -0.60 0.00	42.45 -0.69 0.00	47.89 -0.83 0.00	53.44 -0.81 0.00	57.24 -0.70 0.00	59.57 -0.66 0.00	49.05 -0.70 0.00	42.40 -0.65 0.00	35.02 -0.64 0.00
IP CORINTH___1 23988	37.98 1.81 0.00	33.26 1.79 0.00	31.28 1.74 0.00	29.86 1.61 0.00	32.07 1.56 0.00	37.01 1.63 0.00	47.49 2.17 0.00	52.95 2.66 0.00	48.65 2.27 0.00	46.20 1.99 0.00	43.23 1.82 0.00	40.78 1.46 0.00	39.94 1.46 0.00	39.40 1.41 0.00	39.26 1.36 0.00	41.85 1.69 0.00	45.00 1.86 0.00	51.20 2.48 0.00	59.03 3.15 -1.63	61.65 3.71 0.00	64.14 3.91 0.00	52.48 2.74 0.00	45.11 2.07 0.00	37.16 1.50 0.00
IP___TICONDEROGA 23804	38.78 2.60 0.00	33.98 2.52 0.00	31.93 2.39 0.00	30.42 2.18 0.00	32.68 2.17 0.00	37.75 2.37 0.00	48.57 3.26 0.00	54.15 3.87 0.00	49.49 3.11 0.00	46.82 2.61 0.00	43.77 2.36 0.00	41.13 1.81 0.00	40.25 1.77 0.00	39.70 1.71 0.00	39.34 1.67 0.22	42.02 2.05 0.20	45.55 2.42 0.01	52.03 3.31 0.01	59.80 4.39 -1.16	63.09 5.16 0.01	65.82 5.60 0.01	53.34 3.98 0.38	46.01 2.97 0.00	37.88 2.21 0.00
ISLIP_RES_REC 323679	44.61 3.62 -4.83	38.72 3.09 -4.17	33.21 3.01 -0.66	31.20 2.94 -0.01	33.30 2.78 -0.01	38.26 2.86 -0.01	49.04 3.72 -0.01	54.46 4.17 0.00	50.38 3.99 -0.01	48.03 3.80 -0.01	45.87 2.94 -1.52	45.39 2.83 -3.23	44.95 2.92 -3.55	43.68 2.97 -2.72	47.11 2.88 -6.34	48.64 3.33 -5.14	56.31 3.41 -9.76	67.90 4.09 -15.09	66.55 4.88 -7.42	76.77 5.85 -12.98	80.71 5.91 -14.58	60.66 4.23 -6.69	46.58 3.44 -0.09	41.91 3.28 -2.97

JAMAICA__27_KV_LOAD 355505	38.56 2.39 0.00	33.70 2.23 0.00	31.75 2.22 0.00	30.37 2.12 0.00	32.34 1.83 0.00	37.33 1.95 0.00	48.17 2.85 0.00	53.65 3.37 0.00	49.91 3.52 0.00	47.66 3.45 0.00	44.56 3.15 0.00	42.43 3.11 0.00	41.59 3.12 0.00	41.15 3.15 0.00	42.04 2.65 -1.49	44.26 2.77 -1.33	46.01 2.80 -0.07	52.02 3.26 -0.04	61.29 3.42 -3.62	62.23 4.23 -0.07	64.39 4.10 -0.07	55.22 2.89 -2.59	45.88 2.84 0.00	37.95 2.28 0.00
JANIS__SOLAR 323808	38.59 2.42 0.00	33.32 1.86 0.00	31.13 1.59 0.00	29.83 1.58 0.00	32.22 1.71 0.00	37.40 2.02 0.00	47.94 2.63 0.00	52.89 2.61 0.00	48.28 1.90 0.00	45.36 1.15 0.00	42.32 0.91 0.00	39.95 0.63 0.00	38.98 0.50 0.00	38.53 0.53 0.00	38.57 0.68 0.00	41.01 0.84 0.00	44.25 1.08 -0.02	50.60 1.70 -0.17	56.72 2.44 -0.02	61.53 3.59 0.00	64.38 4.15 0.00	52.73 2.98 0.00	45.32 2.28 0.00	37.38 1.71 0.00
JARVIS____ 23743	36.32 0.15 0.00	31.62 0.16 0.00	29.69 0.15 0.00	28.39 0.14 0.00	30.60 0.09 0.00	35.42 0.04 0.00	45.36 0.05 0.00	50.33 0.05 0.00	46.47 0.09 0.00	44.26 0.04 0.00	41.45 0.04 0.00	39.36 0.04 0.00	38.52 0.04 0.00	38.03 0.04 0.00	37.93 0.04 0.00	40.25 0.08 0.00	43.19 0.04 0.00	48.82 0.10 0.00	54.42 0.16 0.00	58.23 0.29 0.00	60.53 0.30 0.00	49.90 0.15 0.00	43.13 0.09 0.00	35.70 0.04 0.00
JENNISON____1 23625	39.82 3.65 0.00	34.52 3.05 0.00	32.29 2.75 0.00	30.93 2.68 0.00	33.44 2.93 0.00	38.89 3.50 0.00	49.84 4.53 0.00	55.06 4.78 0.00	50.32 3.94 0.00	47.22 3.01 0.00	44.02 2.61 0.00	41.53 2.20 0.00	40.52 2.04 0.00	40.01 2.01 0.00	40.05 2.16 0.00	42.66 2.49 0.00	45.92 2.76 -0.01	52.57 3.75 -0.10	58.88 4.61 -0.01	64.08 6.14 0.00	67.16 6.93 0.00	54.92 5.17 0.00	47.22 4.18 0.00	38.70 3.03 0.00
JENNISON____2 23626	39.82 3.65 0.00	34.52 3.05 0.00	32.29 2.75 0.00	30.93 2.68 0.00	33.44 2.93 0.00	38.89 3.50 0.00	49.84 4.53 0.00	55.06 4.78 0.00	50.32 3.94 0.00	47.22 3.01 0.00	44.02 2.61 0.00	41.53 2.20 0.00	40.52 2.04 0.00	40.01 2.01 0.00	40.05 2.16 0.00	42.66 2.49 0.00	45.92 2.76 -0.01	52.57 3.75 -0.10	58.88 4.61 -0.01	64.08 6.14 0.00	67.16 6.93 0.00	54.92 5.17 0.00	47.22 4.18 0.00	38.70 3.03 0.00
JERICOHO_RISE_WT_PWR 323719	35.38 -0.80 0.00	30.77 -0.69 0.00	28.83 -0.71 0.00	27.46 -0.79 0.00	29.87 -0.64 0.00	35.06 -0.32 0.00	45.04 -0.27 0.00	49.93 -0.35 0.00	45.83 -0.55 0.00	43.81 -0.40 0.00	41.08 -0.33 0.00	39.17 -0.16 0.00	38.29 -0.19 0.00	37.84 -0.15 0.00	37.74 -0.15 0.00	39.84 -0.32 0.00	42.84 -0.30 0.00	48.18 -0.53 0.00	53.38 -0.87 0.00	56.38 -1.56 0.00	58.61 -1.62 0.00	48.95 -0.80 0.00	42.79 -0.26 0.00	35.52 -0.14 0.00
KATONAH__115KV_46KV_TB4 355592	38.31 2.13 0.00	33.57 2.11 0.00	31.58 2.04 0.00	30.20 1.95 0.00	32.25 1.74 0.00	37.19 1.80 0.00	47.85 2.54 0.00	53.25 2.97 0.00	49.44 3.06 0.00	47.09 2.87 0.00	44.02 2.61 0.00	41.84 2.52 0.00	41.06 2.58 0.00	40.58 2.58 0.00	40.47 2.58 0.00	42.98 2.81 0.00	45.99 2.85 0.00	52.18 3.46 0.00	57.94 3.69 0.00	62.46 4.52 0.00	64.63 4.40 0.00	52.88 3.13 0.00	45.58 2.54 0.00	37.66 2.00 0.00
KCE_NY_1 323755	37.94 1.77 0.00	33.26 1.79 0.00	31.28 1.74 0.00	29.86 1.61 0.00	32.01 1.49 0.00	36.98 1.59 0.00	47.35 2.04 0.00	52.74 2.46 0.00	48.56 2.18 0.00	46.20 1.99 0.00	43.19 1.78 0.00	40.86 1.53 0.00	40.02 1.54 0.00	39.44 1.44 0.00	39.30 1.40 0.00	41.89 1.73 0.00	45.04 1.90 0.00	51.10 2.39 0.00	59.02 2.98 -1.78	61.41 3.48 0.00	63.84 3.61 0.00	52.33 2.59 0.00	45.11 2.07 0.00	37.13 1.46 0.00
KCE_NY_6_ESR 323823	36.68 0.51 0.00	30.65 -0.82 0.00	28.62 -0.92 0.00	27.51 -0.73 0.00	29.47 -1.04 0.00	33.86 -1.52 0.00	42.41 -2.90 0.00	46.96 -3.32 0.00	43.13 -3.25 0.00	40.85 -3.36 0.00	38.80 -2.61 0.00	36.46 -2.87 0.00	35.55 -2.93 0.00	35.14 -2.85 0.00	34.98 -2.92 0.00	36.71 -3.45 0.00	39.42 -3.71 0.01	43.97 -4.09 0.65	49.96 -4.29 0.01	54.46 -3.47 0.00	56.92 -3.31 0.00	46.12 -3.63 0.00	40.03 -3.01 0.00	34.38 -1.28 0.00
KEDC_PORT_JEFF_GT2 24210	44.41 3.47 -4.77	38.54 2.96 -4.12	33.11 2.92 -0.65	31.11 2.85 -0.01	33.21 2.69 -0.01	38.15 2.76 -0.01	48.86 3.54 -0.01	54.21 3.92 0.00	50.15 3.76 -0.01	47.85 3.63 -0.01	45.69 2.77 -1.51	45.19 2.68 -3.19	44.76 2.77 -3.51	43.49 2.81 -2.69	46.88 2.76 -6.22	48.37 3.17 -5.04	55.98 3.19 -9.65	67.48 3.85 -14.91	66.14 4.67 -7.22	76.33 5.56 -12.83	80.24 5.60 -14.41	60.26 3.98 -6.53	46.41 3.27 -0.09	41.74 3.14 -2.93
KEDC_PORT_JEFF_GT3 24211	44.41 3.47 -4.77	38.54 2.96 -4.12	33.11 2.92 -0.65	31.11 2.85 -0.01	33.21 2.69 -0.01	38.15 2.76 -0.01	48.86 3.54 -0.01	54.21 3.92 0.00	50.15 3.76 -0.01	47.85 3.63 -0.01	45.69 2.77 -1.51	45.19 2.68 -3.19	44.76 2.77 -3.51	43.49 2.81 -2.69	46.88 2.76 -6.22	48.37 3.17 -5.04	55.98 3.19 -9.65	67.48 3.85 -14.91	66.14 4.67 -7.22	76.33 5.56 -12.83	80.24 5.60 -14.41	60.26 3.98 -6.53	46.41 3.27 -0.09	41.74 3.14 -2.93
KEDC_GLWD_GT4 24219	48.19 2.71 -9.30	41.99 2.49 -8.04	33.22 2.42 -1.26	30.61 2.34 -0.02	32.70 2.17 -0.02	37.63 2.23 -0.02	48.46 3.12 -0.02	53.91 3.62 -0.01	49.97 3.57 -0.02	47.72 3.49 -0.02	47.33 2.98 -2.94	48.50 2.95 -6.22	48.33 3.00 -6.85	46.24 3.00 -5.24	56.23 2.96 -15.38	55.93 3.05 -12.71	65.77 3.11 -19.52	81.49 3.61 -29.17	80.77 3.96 -22.56	88.73 4.81 -25.99	94.27 4.88 -29.16	71.57 3.38 -18.44	46.24 3.01 -0.18	43.84 2.46 -5.72
KEDC_GLWD_GT5 24220	48.19 2.71 -9.30	41.99 2.49 -8.04	33.22 2.42 -1.26	30.61 2.34 -0.02	32.70 2.17 -0.02	37.63 2.23 -0.02	48.46 3.12 -0.02	53.91 3.62 -0.01	49.97 3.57 -0.02	47.72 3.49 -0.02	47.33 2.98 -2.94	48.50 2.95 -6.22	48.33 3.00 -6.85	46.24 3.00 -5.24	56.23 2.96 -15.38	55.93 3.05 -12.71	65.77 3.11 -19.52	81.49 3.61 -29.17	80.77 3.96 -22.56	88.73 4.81 -25.99	94.27 4.88 -29.16	71.57 3.38 -18.44	46.24 3.01 -0.18	43.84 2.46 -5.72
KENSICO____ 23655	38.34 2.17 0.00	33.57 2.11 0.00	31.58 2.04 0.00	30.23 1.98 0.00	32.25 1.74 0.00	37.15 1.77 0.00	47.80 2.49 0.00	53.20 2.92 0.00	49.44 3.06 0.00	47.17 2.96 0.00	44.10 2.69 0.00	41.96 2.63 0.00	41.13 2.65 0.00	40.65 2.66 0.00	40.58 2.69 0.00	42.98 2.81 0.00	45.99 2.85 0.00	52.13 3.41 0.00	57.83 3.58 0.00	62.34 4.40 0.00	64.51 4.28 0.00	52.78 3.03 0.00	45.54 2.50 0.00	37.66 2.00 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	38.20 2.03 0.00	33.42 1.95 0.00	31.40 1.86 0.00	30.06 1.81 0.00	32.13 1.62 0.00	37.08 1.70 0.00	47.67 2.36 0.00	52.80 2.51 0.00	48.89 2.50 0.00	46.51 2.30 0.00	43.44 2.03 0.00	41.29 1.97 0.00	40.44 1.96 0.00	39.93 1.94 0.00	39.86 1.97 0.00	42.25 2.09 0.00	45.26 2.11 0.00	51.50 2.78 0.00	57.16 3.20 0.30	61.99 4.06 0.00	64.02 3.79 0.00	52.38 2.64 0.00	45.20 2.15 0.00	37.41 1.75 0.00

KIAC_JFK_GT1 23816	38.38 2.21 0.00	33.54 2.08 0.00	31.61 2.07 0.00	30.23 1.98 0.00	32.19 1.68 0.00	37.15 1.77 0.00	47.71 2.40 0.00	53.20 2.92 0.00	49.49 3.11 0.00	47.26 3.05 0.00	44.31 2.90 0.00	42.24 2.91 0.00	41.40 2.92 0.00	40.96 2.96 0.00	41.85 2.46 -1.49	44.06 2.57 -1.33	45.62 2.42 -0.07	51.59 2.83 -0.04	60.80 2.93 -3.62	61.65 3.65 -0.07	63.79 3.49 -0.07	54.77 2.44 -2.59	45.50 2.45 0.00	37.77 2.10 0.00
KIAC_JFK_GT2 23817	38.38 2.21 0.00	33.54 2.08 0.00	31.61 2.07 0.00	30.23 1.98 0.00	32.19 1.68 0.00	37.15 1.77 0.00	47.71 2.40 0.00	53.20 2.92 0.00	49.49 3.11 0.00	47.26 3.05 0.00	44.31 2.90 0.00	42.24 2.91 0.00	41.40 2.92 0.00	40.96 2.96 0.00	41.85 2.46 -1.49	44.06 2.57 -1.33	45.62 2.42 -0.07	51.59 2.83 -0.04	60.80 2.93 -3.62	61.65 3.65 -0.07	63.79 3.49 -0.07	54.77 2.44 -2.59	45.50 2.45 0.00	37.77 2.10 0.00
KIAC_JFK____ 323774	38.38 2.21 0.00	33.54 2.08 0.00	31.61 2.07 0.00	30.22 1.98 0.00	32.22 1.71 0.00	37.15 1.77 0.00	47.71 2.40 0.00	53.20 2.92 0.00	49.49 3.11 0.00	47.26 3.05 0.00	44.31 2.90 0.00	42.24 2.91 0.00	41.40 2.92 0.00	40.96 2.97 0.00	41.84 2.46 -1.49	44.06 2.57 -1.33	45.71 2.50 -0.07	51.68 2.92 -0.04	60.74 2.87 -3.62	61.66 3.65 -0.07	63.97 3.67 -0.07	54.62 2.29 -2.59	45.58 2.54 0.00	37.77 2.10 0.00
KINTIGH__24_KV_GSU 356498	35.88 -0.29 0.00	30.33 -1.13 0.00	28.36 -1.18 0.00	27.23 -1.02 0.00	29.17 -1.34 0.00	33.61 -1.77 0.00	42.23 -3.08 0.00	46.66 -3.62 0.00	42.95 -3.43 0.00	40.90 -3.32 0.00	38.55 -2.86 0.00	36.45 -2.87 0.00	35.59 -2.89 0.00	35.14 -2.85 0.00	35.01 -2.88 0.00	36.79 -3.37 0.00	39.56 -3.58 0.01	43.22 -5.12 0.38	49.85 -4.39 0.01	54.17 -3.77 0.00	56.86 -3.37 0.00	45.87 -3.88 0.00	39.86 -3.19 0.00	33.99 -1.68 0.00
KINTIGH____ 23543	35.88 -0.29 0.00	30.33 -1.13 0.00	28.36 -1.18 0.00	27.23 -1.02 0.00	29.17 -1.34 0.00	33.61 -1.77 0.00	42.23 -3.08 0.00	46.66 -3.62 0.00	42.95 -3.43 0.00	40.90 -3.32 0.00	38.55 -2.86 0.00	36.42 -2.91 0.00	35.55 -2.92 0.00	35.14 -2.85 0.00	35.01 -2.88 0.00	36.79 -3.37 0.00	39.56 -3.58 0.01	43.22 -5.12 0.38	49.85 -4.39 0.01	54.17 -3.77 0.00	56.86 -3.37 0.00	45.87 -3.88 0.00	39.86 -3.19 0.00	33.99 -1.68 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	36.24 0.07 0.00	31.56 0.09 0.00	29.54 0.00 0.00	28.14 -0.11 0.00	30.51 0.00 0.00	35.88 0.50 0.00	46.22 0.91 0.00	51.24 0.96 0.00	46.89 0.51 0.00	44.74 0.53 0.00	41.95 0.54 0.00	40.03 0.71 0.00	39.17 0.69 0.00	38.68 0.68 0.00	38.57 0.68 0.00	40.73 0.56 0.00	43.88 0.73 0.00	49.40 0.68 0.00	54.79 0.54 0.00	57.82 -0.12 0.00	60.17 -0.06 0.00	50.09 0.35 0.00	43.82 0.77 0.00	36.31 0.64 0.00
LACHUTE____HYDRO 323717	38.78 2.61 0.00	33.98 2.52 0.00	31.93 2.39 0.00	30.42 2.18 0.00	32.68 2.17 0.00	37.75 2.37 0.00	48.58 3.26 0.00	54.10 3.82 0.00	49.49 3.11 0.00	46.82 2.61 0.00	43.73 2.32 0.00	41.14 1.81 0.00	40.25 1.77 0.00	39.70 1.71 0.00	39.33 1.67 0.22	42.01 2.05 0.20	45.55 2.41 0.01	51.98 3.26 0.01	59.80 4.39 -1.16	63.08 5.15 0.01	65.82 5.60 0.01	53.34 3.98 0.38	46.01 2.97 0.00	37.88 2.21 0.00
LAWRNCV_115KV_TB1 80681	34.65 -1.52 0.00	30.11 -1.35 0.00	28.15 -1.39 0.00	26.86 -1.38 0.00	29.23 -1.28 0.00	34.46 -0.92 0.00	44.36 -0.95 0.00	48.97 -1.31 0.00	44.85 -1.53 0.00	42.84 -1.37 0.00	40.17 -1.24 0.00	38.26 -1.06 0.00	37.40 -1.08 0.00	36.97 -1.03 0.00	36.91 -0.99 0.00	39.00 -1.16 0.00	41.94 -1.21 0.00	47.21 -1.51 0.00	52.46 -1.79 0.00	55.51 -2.43 0.00	57.82 -2.41 0.00	48.25 -1.49 0.00	42.18 -0.86 0.00	34.81 -0.86 0.00
LEDERLE____ 23769	38.27 2.10 0.00	33.48 2.01 0.00	31.52 1.98 0.00	30.14 1.89 0.00	32.19 1.68 0.00	37.08 1.70 0.00	47.71 2.40 0.00	53.05 2.77 0.00	49.26 2.88 0.00	46.95 2.74 0.00	43.89 2.48 0.00	41.76 2.44 0.00	40.90 2.42 0.00	40.42 2.43 0.00	40.36 2.46 0.00	42.74 2.57 0.00	45.77 2.63 0.00	51.93 3.22 0.00	57.72 3.47 0.00	62.28 4.35 0.00	64.45 4.22 0.00	52.63 2.89 0.00	45.41 2.37 0.00	37.55 1.89 0.00
LIGHTHSE_115KV_TB6 355974	35.85 -0.33 0.00	31.03 -0.44 0.00	29.01 -0.53 0.00	27.77 -0.48 0.00	29.96 -0.55 0.00	34.71 -0.67 0.00	44.45 -0.86 0.00	49.17 -1.11 0.00	45.18 -1.21 0.00	42.89 -1.33 0.00	40.21 -1.20 0.00	38.11 -1.22 0.00	37.32 -1.15 0.00	36.85 -1.14 0.00	36.79 -1.10 0.00	39.04 -1.12 0.00	41.94 -1.21 0.00	47.40 -1.32 0.00	53.11 -1.14 0.00	57.19 -0.75 0.00	59.69 -0.54 0.00	49.10 -0.65 0.00	42.31 -0.73 0.00	34.99 -0.68 0.00
LINDEN COGEN____ 23786	38.38 2.21 0.00	33.57 2.11 0.00	31.61 2.07 0.00	30.22 1.98 0.00	32.28 1.77 0.00	37.08 1.70 0.00	43.27 2.54 4.58	48.01 2.97 5.24	42.56 3.20 7.02	41.14 3.19 6.26	40.64 2.85 3.62	39.98 2.83 2.18	39.39 2.89 1.97	39.39 2.89 1.49	39.39 2.88 1.38	39.39 3.01 3.79	42.87 3.02 3.29	42.45 3.41 9.68	46.23 3.58 11.60	55.42 4.35 6.87	60.16 4.39 4.46	49.75 3.03 3.03	44.47 2.67 1.24	37.66 2.00 0.00
LINDHRST_69_KV_BK1 356055	45.30 3.40 -5.73	39.38 2.96 -4.95	33.18 2.87 -0.78	31.06 2.80 -0.01	33.12 2.59 -0.01	38.15 2.76 -0.01	48.90 3.58 -0.01	54.36 4.07 0.00	50.29 3.90 -0.01	48.07 3.85 -0.01	46.16 2.94 -1.81	45.99 2.83 -3.84	45.62 2.92 -4.22	44.19 2.96 -3.23	49.25 3.11 -8.25	50.04 3.13 -6.75	57.94 3.24 -11.56	70.56 3.90 -17.95	69.22 4.45 -10.52	78.74 5.45 -15.36	82.83 5.36 -17.24	62.79 3.83 -9.21	46.34 3.19 -0.11	42.26 3.07 -3.53
LIPA_MISC_IPP 23656	44.24 3.33 -4.74	38.43 2.86 -4.10	33.02 2.84 -0.64	31.03 2.77 -0.01	33.08 2.56 -0.01	38.05 2.65 -0.01	48.67 3.35 -0.01	54.06 3.77 0.00	50.01 3.62 -0.01	47.80 3.58 -0.01	45.47 2.57 -1.50	44.94 2.44 -3.17	44.51 2.54 -3.49	43.25 2.58 -2.67	46.83 2.77 -6.17	48.05 2.89 -5.00	55.72 2.98 -9.60	67.21 3.65 -14.83	65.79 4.39 -7.14	76.03 5.33 -12.77	79.81 5.24 -14.34	59.89 3.68 -6.46	46.19 3.06 -0.09	41.61 3.03 -2.92
LISF____SOLAR 323691	44.32 3.40 -4.75	38.50 2.93 -4.11	33.08 2.90 -0.65	31.08 2.82 -0.01	33.17 2.65 -0.01	38.08 2.69 -0.01	48.76 3.44 -0.01	54.10 3.82 0.00	50.05 3.66 -0.01	47.71 3.49 -0.01	45.52 2.61 -1.50	45.03 2.52 -3.18	44.55 2.58 -3.50	43.29 2.62 -2.68	46.66 2.58 -6.19	48.15 2.97 -5.01	55.78 3.02 -9.62	67.28 3.70 -14.86	65.92 4.50 -7.17	76.24 5.51 -12.79	80.07 5.48 -14.36	60.12 3.88 -6.49	46.37 3.23 -0.09	41.69 3.10 -2.92
LITTLE FALLS____HYD 24013	35.77 -0.40 0.00	31.18 -0.28 0.00	29.30 -0.24 0.00	28.02 -0.23 0.00	30.21 -0.31 0.00	34.99 -0.39 0.00	44.86 -0.45 0.00	49.78 -0.50 0.00	45.92 -0.46 0.00	43.68 -0.53 0.00	40.91 -0.50 0.00	38.81 -0.51 0.00	37.94 -0.54 0.00	37.42 -0.57 0.00	37.32 -0.57 0.00	39.56 -0.60 0.00	42.45 -0.69 0.00	47.89 -0.83 0.00	53.44 -0.81 0.00	57.24 -0.70 0.00	59.57 -0.66 0.00	49.05 -0.70 0.00	42.40 -0.65 0.00	35.02 -0.64 0.00

LITTLRIV_115KV_TB1 356100	35.05 -1.12 0.00	30.46 -1.01 0.00	28.45 -1.09 0.00	27.12 -1.13 0.00	29.60 -0.92 0.00	34.96 -0.42 0.00	44.95 -0.36 0.00	49.58 -0.70 0.00	45.27 -1.11 0.00	43.15 -1.06 0.00	40.37 -1.04 0.00	38.46 -0.87 0.00	37.59 -0.88 0.00	37.12 -0.87 0.00	37.10 -0.80 0.00	39.24 -0.92 0.00	42.24 -0.91 0.00	47.60 -1.12 0.00	53.06 -1.19 0.00	56.26 -1.68 0.00	58.66 -1.57 0.00	48.95 -0.80 0.00	42.78 -0.26 0.00	35.20 -0.46 0.00
LI_NEWBRDGE___DRP 323616	42.89 2.64 -4.08	37.38 2.39 -3.52	32.43 2.33 -0.55	30.54 2.29 -0.01	32.56 2.04 -0.01	37.55 2.16 -0.01	48.31 2.99 -0.01	53.70 3.42 0.00	49.64 3.25 -0.01	47.58 3.36 -0.01	45.18 2.48 -1.29	44.49 2.44 -2.73	43.98 2.50 -3.00	42.84 2.55 -2.30	45.12 2.61 -4.61	46.54 2.69 -3.68	54.37 2.76 -8.47	64.77 3.31 -12.74	62.42 3.69 -4.48	73.76 4.52 -11.30	77.32 4.40 -12.69	57.18 3.08 -4.35	45.71 2.58 -0.08	40.56 2.39 -2.51
LOCKPORT_115KV_TB60_63_64 80432	36.03 -0.14 0.00	30.14 -1.32 0.00	28.15 -1.39 0.00	27.06 -1.19 0.00	28.96 -1.56 0.00	33.33 -2.05 0.00	41.69 -3.62 0.00	46.06 -4.22 0.00	42.39 -3.99 0.00	40.23 -3.98 0.00	38.01 -3.40 0.00	35.83 -3.50 0.00	34.98 -3.50 0.00	34.54 -3.46 0.00	34.41 -3.49 0.00	36.11 -4.06 0.00	38.82 -4.31 0.01	42.88 -5.31 0.53	49.04 -5.21 0.01	53.54 -4.40 0.00	56.31 -3.91 0.00	45.27 -4.48 0.00	39.38 -3.66 0.00	33.77 -1.89 0.00
LOCKPORT___CC1 323769	36.03 -0.14 0.00	30.17 -1.29 0.00	28.18 -1.36 0.00	27.06 -1.19 0.00	29.05 -1.46 0.00	33.37 -2.02 0.00	41.69 -3.63 0.00	46.11 -4.17 0.00	42.39 -3.99 0.00	40.23 -3.98 0.00	38.18 -3.23 0.00	35.86 -3.46 0.00	34.98 -3.50 0.00	34.54 -3.46 0.00	34.41 -3.49 0.00	36.11 -4.06 0.00	38.82 -4.31 0.01	42.94 -5.21 0.57	48.98 -5.26 0.01	53.42 -4.52 0.00	55.77 -4.46 0.00	45.17 -4.58 0.00	39.25 -3.79 0.00	33.77 -1.89 0.00
LOCKPORT___CC2 323770	36.03 -0.14 0.00	30.17 -1.29 0.00	28.18 -1.36 0.00	27.06 -1.19 0.00	29.05 -1.46 0.00	33.37 -2.02 0.00	41.69 -3.63 0.00	46.11 -4.17 0.00	42.39 -3.99 0.00	40.23 -3.98 0.00	38.18 -3.23 0.00	35.86 -3.46 0.00	34.98 -3.50 0.00	34.54 -3.46 0.00	34.41 -3.49 0.00	36.11 -4.06 0.00	38.82 -4.31 0.01	42.94 -5.21 0.57	48.98 -5.26 0.01	53.42 -4.52 0.00	55.77 -4.46 0.00	45.17 -4.58 0.00	39.25 -3.79 0.00	33.77 -1.89 0.00
LOCKPORT___CC3 323771	36.03 -0.14 0.00	30.17 -1.29 0.00	28.18 -1.36 0.00	27.06 -1.19 0.00	29.05 -1.46 0.00	33.37 -2.02 0.00	41.69 -3.63 0.00	46.11 -4.17 0.00	42.39 -3.99 0.00	40.23 -3.98 0.00	38.18 -3.23 0.00	35.86 -3.46 0.00	34.98 -3.50 0.00	34.54 -3.46 0.00	34.41 -3.49 0.00	36.11 -4.06 0.00	38.82 -4.31 0.01	42.94 -5.21 0.57	48.98 -5.26 0.01	53.42 -4.52 0.00	55.77 -4.46 0.00	45.17 -4.58 0.00	39.25 -3.79 0.00	33.77 -1.89 0.00
LOCUSVLY_69_KV_BK2 55797	47.28 3.00 -8.10	41.17 2.71 -7.00	33.27 2.63 -1.10	30.81 2.54 -0.02	32.85 2.32 -0.02	37.88 2.48 -0.02	48.68 3.35 -0.02	54.16 3.87 -0.01	50.20 3.80 -0.02	48.03 3.80 -0.02	47.07 3.11 -2.56	47.77 3.03 -5.42	47.56 3.12 -5.96	45.68 3.12 -4.57	53.99 3.15 -12.96	54.10 3.25 -10.68	63.49 3.37 -16.98	78.06 3.95 -25.39	77.08 4.39 -18.43	85.83 5.27 -22.62	90.79 5.18 -25.38	68.76 3.73 -15.29	46.30 3.10 -0.16	43.36 2.71 -4.98
LONG_LAKE_PHOENIX 24014	35.63 -0.54 0.00	30.84 -0.63 0.00	28.89 -0.65 0.00	27.68 -0.56 0.00	29.78 -0.73 0.00	34.46 -0.92 0.00	44.13 -1.18 0.00	48.87 -1.41 0.00	45.04 -1.35 0.00	42.89 -1.33 0.00	40.21 -1.20 0.00	38.15 -1.18 0.00	37.32 -1.15 0.00	36.89 -1.10 0.00	36.79 -1.10 0.00	38.96 -1.20 0.00	41.85 -1.29 0.00	47.21 -1.51 0.00	52.79 -1.46 0.00	56.61 -1.33 0.00	58.96 -1.26 0.00	48.50 -1.24 0.00	41.84 -1.21 0.00	34.70 -0.96 0.00
LOVETT___3 23632	38.12 1.95 0.00	33.38 1.92 0.00	31.43 1.89 0.00	30.06 1.81 0.00	32.10 1.59 0.00	36.97 1.59 0.00	47.58 2.27 0.00	52.90 2.61 0.00	49.12 2.74 0.00	46.91 2.70 0.00	43.85 2.44 0.00	41.68 2.36 0.00	40.90 2.42 0.00	40.39 2.39 0.00	40.32 2.43 0.00	42.70 2.53 0.00	45.73 2.59 0.00	51.84 3.12 0.00	57.51 3.26 0.00	62.05 4.11 0.00	64.20 3.98 0.00	52.48 2.74 0.00	45.28 2.24 0.00	37.48 1.82 0.00
LOVETT___4 23642	38.12 1.95 0.00	33.38 1.92 0.00	31.43 1.89 0.00	30.06 1.81 0.00	32.10 1.59 0.00	36.97 1.59 0.00	47.58 2.27 0.00	52.90 2.61 0.00	49.12 2.74 0.00	46.91 2.70 0.00	43.85 2.44 0.00	41.68 2.36 0.00	40.90 2.42 0.00	40.39 2.39 0.00	40.32 2.43 0.00	42.70 2.53 0.00	45.73 2.59 0.00	51.84 3.12 0.00	57.51 3.26 0.00	62.05 4.11 0.00	64.20 3.98 0.00	52.48 2.74 0.00	45.28 2.24 0.00	37.48 1.82 0.00
LOVETT___5 23593	38.12 1.95 0.00	33.38 1.92 0.00	31.43 1.89 0.00	30.06 1.81 0.00	32.10 1.59 0.00	36.97 1.59 0.00	47.58 2.27 0.00	52.90 2.61 0.00	49.12 2.74 0.00	46.91 2.70 0.00	43.85 2.44 0.00	41.68 2.36 0.00	40.90 2.42 0.00	40.39 2.39 0.00	40.32 2.43 0.00	42.70 2.53 0.00	45.73 2.59 0.00	51.84 3.12 0.00	57.51 3.26 0.00	62.05 4.11 0.00	64.20 3.98 0.00	52.48 2.74 0.00	45.28 2.24 0.00	37.48 1.82 0.00
LOWER RAQUET___HYD 24057	34.44 -1.74 0.00	29.96 -1.51 0.00	27.97 -1.57 0.00	26.69 -1.55 0.00	29.05 -1.46 0.00	34.29 -1.10 0.00	44.13 -1.18 0.00	48.72 -1.56 0.00	44.57 -1.81 0.00	42.58 -1.63 0.00	39.88 -1.53 0.00	38.03 -1.30 0.00	37.13 -1.35 0.00	36.70 -1.29 0.00	36.64 -1.25 0.00	38.76 -1.41 0.00	41.68 -1.47 0.00	46.92 -1.80 0.00	52.19 -2.06 0.00	55.22 -2.72 0.00	57.58 -2.65 0.00	48.00 -1.74 0.00	41.97 -1.07 0.00	34.60 -1.07 0.00
LOWER___HUDSON 24059	37.44 1.27 0.00	32.88 1.42 0.00	30.96 1.42 0.00	29.58 1.33 0.00	31.64 1.13 0.00	36.59 1.20 0.00	46.76 1.45 0.00	52.14 1.86 0.00	48.10 1.72 0.00	45.89 1.68 0.00	42.86 1.45 0.00	40.66 1.34 0.00	39.82 1.35 0.00	39.25 1.25 0.00	39.10 1.21 0.00	41.69 1.53 0.00	44.78 1.64 0.00	50.67 1.95 0.00	59.44 2.38 -2.80	60.72 2.78 0.00	63.00 2.77 0.00	51.68 1.94 0.00	44.64 1.59 0.00	36.66 1.00 0.00
LOWVILLE_115KV_TB2 356335	35.95 -0.22 0.00	31.12 -0.35 0.00	28.89 -0.65 0.00	27.63 -0.62 0.00	29.90 -0.61 0.00	34.89 -0.50 0.00	44.77 -0.54 0.00	49.48 -0.80 0.00	45.31 -1.07 0.00	42.93 -1.28 0.00	40.33 -1.08 0.00	38.30 -1.02 0.00	37.48 -1.00 0.00	37.08 -0.91 0.00	37.10 -0.80 0.00	39.40 -0.76 0.00	42.37 -0.78 0.00	48.04 -0.68 0.00	53.71 -0.54 0.00	57.76 -0.17 0.00	60.47 0.24 0.00	49.80 0.05 0.00	43.09 0.04 0.00	35.38 -0.29 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	37.91 1.74 0.00	33.23 1.76 0.00	31.25 1.71 0.00	29.83 1.58 0.00	32.04 1.53 0.00	36.94 1.56 0.00	47.35 2.04 0.00	52.74 2.46 0.00	48.51 2.13 0.00	46.16 1.95 0.00	43.19 1.78 0.00	40.82 1.49 0.00	39.98 1.50 0.00	39.44 1.44 0.00	39.29 1.40 0.00	41.85 1.69 0.00	45.00 1.86 0.00	51.11 2.39 0.00	58.97 2.93 -1.78	61.41 3.48 0.00	63.78 3.55 0.00	52.28 2.54 0.00	45.02 1.98 0.00	37.09 1.43 0.00

LUTHERNY_35_KV_BK2 355980	37.94 1.77 0.00	33.26 1.79 0.00	31.28 1.74 0.00	29.86 1.61 0.00	32.04 1.53 0.00	36.97 1.59 0.00	47.35 2.04 0.00	52.74 2.46 0.00	48.56 2.18 0.00	46.20 1.99 0.00	43.19 1.78 0.00	40.86 1.53 0.00	40.02 1.54 0.00	39.44 1.44 0.00	39.29 1.40 0.00	41.89 1.73 0.00	45.04 1.90 0.00	51.15 2.44 0.00	59.02 2.98 -1.78	61.41 3.48 0.00	63.84 3.61 0.00	52.33 2.59 0.00	45.07 2.02 0.00	37.13 1.46 0.00
LWR___OSWEGATCHIE_HYD 23850	34.83 -1.34 0.00	30.24 -1.23 0.00	28.18 -1.36 0.00	26.89 -1.36 0.00	29.23 -1.28 0.00	34.29 -1.10 0.00	44.04 -1.27 0.00	48.67 -1.61 0.00	44.53 -1.86 0.00	42.31 -1.90 0.00	39.67 -1.74 0.00	37.75 -1.57 0.00	36.90 -1.58 0.00	36.47 -1.52 0.00	36.45 -1.44 0.00	38.64 -1.53 0.00	41.55 -1.60 0.00	46.96 -1.75 0.00	52.41 -1.84 0.00	55.97 -1.97 0.00	58.48 -1.75 0.00	48.45 -1.29 0.00	42.14 -0.90 0.00	34.63 -1.03 0.00
LYONS_FALL_HYD 23570	36.32 0.15 0.00	31.50 0.03 0.00	29.33 -0.21 0.00	28.05 -0.20 0.00	30.36 -0.15 0.00	35.31 -0.07 0.00	45.27 -0.05 0.00	50.08 -0.20 0.00	46.01 -0.37 0.00	43.64 -0.58 0.00	40.91 -0.50 0.00	38.86 -0.47 0.00	38.02 -0.46 0.00	37.58 -0.42 0.00	37.55 -0.34 0.00	39.89 -0.28 0.00	42.89 -0.26 0.00	48.57 -0.15 0.00	54.31 0.05 0.00	58.35 0.41 0.00	60.95 0.73 0.00	50.19 0.45 0.00	43.39 0.34 0.00	35.70 0.04 0.00
MADISON___COUNTY_LFGE 323628	37.15 0.98 0.00	32.19 0.72 0.00	30.13 0.59 0.00	28.84 0.59 0.00	31.12 0.61 0.00	36.09 0.71 0.00	46.22 0.91 0.00	51.19 0.91 0.00	47.08 0.70 0.00	44.65 0.44 0.00	41.86 0.46 0.00	39.68 0.35 0.00	38.79 0.31 0.00	38.34 0.34 0.00	38.31 0.42 0.00	40.69 0.52 0.00	43.66 0.52 0.00	49.50 0.78 0.00	55.28 1.03 0.00	59.50 1.56 0.00	62.10 1.87 0.00	50.99 1.24 0.00	43.99 0.95 0.00	36.27 0.61 0.00
MALONE___115KV_TB1 356076	35.48 -0.69 0.00	30.87 -0.60 0.00	28.86 -0.68 0.00	27.51 -0.73 0.00	29.87 -0.64 0.00	35.17 -0.21 0.00	45.31 0.00 0.00	50.18 -0.10 0.00	45.96 -0.42 0.00	43.90 -0.31 0.00	41.12 -0.29 0.00	39.25 -0.08 0.00	38.36 -0.12 0.00	37.92 -0.08 0.00	37.82 -0.08 0.00	39.92 -0.24 0.00	42.97 -0.17 0.00	48.38 -0.34 0.00	53.71 -0.54 0.00	56.72 -1.22 0.00	59.02 -1.20 0.00	49.25 -0.50 0.00	43.04 0.00 0.00	35.59 -0.07 0.00
MAPLEWOD_115KV_TB3 80458	37.26 1.09 0.00	32.72 1.26 0.00	30.78 1.24 0.00	29.41 1.16 0.00	31.55 1.04 0.00	36.34 0.96 0.00	46.49 1.18 0.00	51.84 1.56 0.00	47.82 1.44 0.00	45.58 1.37 0.00	42.65 1.24 0.00	40.47 1.14 0.00	39.63 1.15 0.00	39.17 1.18 0.00	39.03 1.14 0.00	41.61 1.45 0.00	44.61 1.47 0.00	50.57 1.85 0.00	60.08 2.17 -3.66	60.31 2.38 0.00	62.52 2.29 0.00	51.34 1.59 0.00	44.25 1.21 0.00	36.48 0.82 0.00
MAPLE_RIDGE_WT_1 323574	35.38 -0.80 0.00	30.71 -0.76 0.00	28.77 -0.77 0.00	27.46 -0.79 0.00	29.75 -0.76 0.00	34.64 -0.74 0.00	44.41 -0.91 0.00	49.28 -1.01 0.00	45.40 -0.98 0.00	43.37 -0.84 0.00	40.66 -0.74 0.00	38.69 -0.63 0.00	37.86 -0.62 0.00	37.46 -0.53 0.00	37.40 -0.49 0.00	39.64 -0.52 0.00	42.63 -0.52 0.00	48.08 -0.63 0.00	53.55 -0.71 0.00	56.95 -0.99 0.00	59.26 -0.97 0.00	49.10 -0.65 0.00	42.61 -0.43 0.00	35.34 -0.32 0.00
MAPLE_RIDGE_WT_2 323611	35.38 -0.80 0.00	30.71 -0.76 0.00	28.77 -0.77 0.00	27.46 -0.79 0.00	29.75 -0.76 0.00	34.64 -0.74 0.00	44.41 -0.91 0.00	49.28 -1.01 0.00	45.40 -0.98 0.00	43.37 -0.84 0.00	40.66 -0.74 0.00	38.69 -0.63 0.00	37.86 -0.62 0.00	37.46 -0.53 0.00	37.40 -0.49 0.00	39.64 -0.52 0.00	42.63 -0.52 0.00	48.08 -0.63 0.00	53.55 -0.71 0.00	56.95 -0.99 0.00	59.26 -0.97 0.00	49.10 -0.65 0.00	42.61 -0.43 0.00	35.34 -0.32 0.00
MARBLE_RIVER_WT_PWR 323696	35.56 -0.62 0.00	30.93 -0.54 0.00	28.98 -0.56 0.00	27.63 -0.62 0.00	30.02 -0.49 0.00	35.21 -0.18 0.00	45.27 -0.05 0.00	50.18 -0.10 0.00	46.06 -0.32 0.00	43.99 -0.22 0.00	41.24 -0.16 0.00	39.33 0.00 0.00	38.44 -0.04 0.00	37.99 0.00 0.00	37.89 0.00 0.00	40.01 -0.16 0.00	43.01 -0.13 0.00	48.38 -0.34 0.00	53.66 -0.60 0.00	56.61 -1.33 0.00	58.85 -1.38 0.00	49.15 -0.59 0.00	42.96 -0.09 0.00	35.66 0.00 0.00
MARSHVLE_115KV_TB1 80742	39.03 2.86 0.00	34.05 2.58 0.00	31.96 2.42 0.00	30.48 2.23 0.00	32.77 2.26 0.00	37.89 2.51 0.00	48.48 3.17 0.00	53.60 3.32 0.00	48.93 2.55 0.00	46.29 2.08 0.00	43.52 2.11 0.00	41.17 1.85 0.00	40.25 1.77 0.00	39.74 1.75 0.00	39.56 1.67 0.00	42.01 1.85 0.00	45.21 2.07 0.00	51.64 2.92 0.00	58.99 3.85 -0.89	62.86 4.92 0.00	65.83 5.60 0.00	53.78 4.03 0.00	46.19 3.14 0.00	38.09 2.43 0.00
MARSH_HILL_WT_PWR 323713	37.18 1.01 0.00	31.47 0.00 0.00	29.36 -0.18 0.00	28.14 -0.11 0.00	30.21 -0.31 0.00	34.75 -0.64 0.00	43.95 -1.36 0.00	48.47 -1.81 0.00	44.20 -2.18 0.00	41.78 -2.43 0.00	39.30 -2.11 0.00	36.93 -2.40 0.00	36.05 -2.42 0.00	35.64 -2.36 0.00	35.47 -2.43 0.00	37.43 -2.73 0.00	40.19 -2.94 0.02	48.07 -3.07 -2.42	51.41 -2.82 0.02	56.32 -1.62 0.00	59.08 -1.15 0.00	48.35 -1.39 0.00	41.71 -1.33 0.00	35.42 -0.25 0.00
MCINTYRE_115KV_TB2 80467	35.48 -0.69 0.00	30.80 -0.66 0.00	28.80 -0.74 0.00	27.46 -0.79 0.00	29.96 -0.55 0.00	35.42 0.04 0.00	45.54 0.23 0.00	50.18 -0.10 0.00	45.78 -0.60 0.00	43.59 -0.62 0.00	40.79 -0.62 0.00	38.81 -0.51 0.00	37.90 -0.58 0.00	37.46 -0.53 0.00	37.44 -0.45 0.00	39.56 -0.60 0.00	42.67 -0.47 0.00	48.13 -0.58 0.00	53.71 -0.54 0.00	56.95 -0.98 0.00	59.45 -0.78 0.00	49.60 -0.15 0.00	43.34 0.30 0.00	35.70 0.04 0.00
MECO_____69_KV_BK1 80468	39.21 3.04 0.00	34.20 2.74 0.00	32.11 2.57 0.00	30.65 2.40 0.00	32.95 2.44 0.00	38.07 2.69 0.00	48.85 3.53 0.00	54.20 3.92 0.00	49.44 3.06 0.00	46.69 2.48 0.00	43.81 2.40 0.00	41.33 2.01 0.00	40.44 1.96 0.00	39.93 1.94 0.00	39.79 1.89 0.00	42.29 2.13 0.00	45.60 2.46 0.00	52.13 3.41 0.00	59.60 4.39 -0.96	63.33 5.39 0.00	66.19 5.96 0.00	54.07 4.33 0.00	46.40 3.36 0.00	38.27 2.60 0.00
MENANDS___115KV_TB5 355628	37.08 0.90 0.00	32.60 1.13 0.00	30.66 1.12 0.00	29.29 1.05 0.00	31.43 0.92 0.00	36.20 0.81 0.00	46.31 1.00 0.00	51.59 1.31 0.00	47.59 1.21 0.00	45.41 1.19 0.00	42.53 1.12 0.00	40.35 1.02 0.00	39.52 1.04 0.00	39.10 1.10 0.00	38.99 1.10 0.00	41.53 1.37 0.00	44.52 1.38 0.00	50.47 1.75 0.00	60.03 2.01 -3.77	60.02 2.09 0.00	62.22 1.99 0.00	51.04 1.29 0.00	44.03 0.99 0.00	36.34 0.68 0.00
MG INDUSTRY___DRP 24185	37.11 0.94 0.00	32.57 1.10 0.00	30.63 1.09 0.00	29.26 1.02 0.00	31.43 0.92 0.00	36.16 0.78 0.00	46.26 0.95 0.00	51.44 1.16 0.00	47.45 1.07 0.00	45.19 0.97 0.00	42.24 0.83 0.00	40.03 0.71 0.00	39.21 0.73 0.00	38.64 0.65 0.00	38.54 0.64 0.00	41.01 0.84 0.00	44.01 0.86 0.00	49.89 1.17 0.00	53.55 1.41 2.12	59.73 1.80 0.00	62.04 1.81 0.00	50.94 1.19 0.00	43.99 0.95 0.00	36.38 0.71 0.00

MID___OSWEGATCHIE_HYD 23849	34.83 -1.34 0.00	30.24 -1.23 0.00	28.18 -1.36 0.00	26.89 -1.36 0.00	29.23 -1.28 0.00	34.29 -1.10 0.00	44.04 -1.27 0.00	48.67 -1.61 0.00	44.53 -1.86 0.00	42.31 -1.90 0.00	39.67 -1.74 0.00	37.75 -1.57 0.00	36.90 -1.58 0.00	36.47 -1.52 0.00	36.45 -1.44 0.00	38.64 -1.53 0.00	41.55 -1.60 0.00	46.96 -1.75 0.00	52.41 -1.84 0.00	55.97 -1.97 0.00	58.48 -1.75 0.00	48.45 -1.29 0.00	42.14 -0.90 0.00	34.63 -1.03 0.00
MID___RAQUETTE_HYD 23851	34.43 -1.74 0.00	29.96 -1.51 0.00	27.97 -1.57 0.00	26.69 -1.55 0.00	29.05 -1.46 0.00	34.29 -1.10 0.00	44.13 -1.18 0.00	48.72 -1.56 0.00	44.57 -1.81 0.00	42.58 -1.64 0.00	39.88 -1.53 0.00	38.03 -1.30 0.00	37.13 -1.35 0.00	36.70 -1.29 0.00	36.64 -1.25 0.00	38.76 -1.41 0.00	41.68 -1.47 0.00	46.92 -1.80 0.00	52.19 -2.06 0.00	55.22 -2.72 0.00	57.52 -2.71 0.00	48.00 -1.74 0.00	41.97 -1.08 0.00	34.59 -1.07 0.00
MILLIKEN___1 23584	37.22 1.05 0.00	32.13 0.66 0.00	30.04 0.50 0.00	28.78 0.54 0.00	31.00 0.49 0.00	35.84 0.46 0.00	45.95 0.63 0.00	50.83 0.55 0.00	46.75 0.37 0.00	44.35 0.13 0.00	41.53 0.12 0.00	39.33 0.00 0.00	38.48 0.00 0.00	38.07 0.08 0.00	37.97 0.08 0.00	40.25 0.08 0.00	43.30 0.13 -0.03	49.19 0.29 -0.18	54.87 0.60 -0.03	59.10 1.16 0.00	61.67 1.45 0.00	50.59 0.85 0.00	43.56 0.52 0.00	36.13 0.46 0.00
MILLIKEN___2 23585	37.22 1.05 0.00	32.13 0.66 0.00	30.04 0.50 0.00	28.78 0.54 0.00	31.00 0.49 0.00	35.84 0.46 0.00	45.95 0.63 0.00	50.83 0.55 0.00	46.75 0.37 0.00	44.35 0.13 0.00	41.53 0.12 0.00	39.33 0.00 0.00	38.48 0.00 0.00	38.07 0.08 0.00	37.97 0.08 0.00	40.25 0.08 0.00	43.30 0.13 -0.03	49.19 0.29 -0.18	54.87 0.60 -0.03	59.10 1.16 0.00	61.67 1.45 0.00	50.59 0.85 0.00	43.56 0.52 0.00	36.13 0.46 0.00
MILLIKEN___DIESEL 23629	37.22 1.05 0.00	32.13 0.66 0.00	30.04 0.50 0.00	28.78 0.54 0.00	31.00 0.49 0.00	35.84 0.46 0.00	45.95 0.63 0.00	50.83 0.55 0.00	46.75 0.37 0.00	44.35 0.13 0.00	41.53 0.12 0.00	39.33 0.00 0.00	38.48 0.00 0.00	38.07 0.08 0.00	37.97 0.08 0.00	40.25 0.08 0.00	43.30 0.13 -0.03	49.19 0.29 -0.18	54.87 0.60 -0.03	59.10 1.16 0.00	61.67 1.45 0.00	50.59 0.85 0.00	43.56 0.52 0.00	36.13 0.46 0.00
MILLSEAT___LFGE 323607	36.79 0.61 0.00	30.71 -0.76 0.00	28.68 -0.86 0.00	27.49 -0.76 0.00	29.53 -0.98 0.00	33.97 -1.42 0.00	42.86 -2.45 0.00	47.52 -2.77 0.00	43.51 -2.88 0.00	41.25 -2.96 0.00	39.05 -2.36 0.00	36.77 -2.56 0.00	35.82 -2.65 0.00	35.41 -2.58 0.00	35.28 -2.61 0.00	37.11 -3.05 0.00	39.82 -3.32 0.01	44.25 -4.04 0.43	50.34 -3.91 0.01	54.99 -2.95 0.00	57.46 -2.77 0.00	46.51 -3.23 0.00	40.37 -2.67 0.00	34.56 -1.11 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	38.23 2.06 0.00	33.48 2.01 0.00	31.52 1.98 0.00	30.14 1.89 0.00	32.16 1.65 0.00	37.08 1.70 0.00	47.67 2.36 0.00	53.00 2.72 0.00	49.26 2.88 0.00	47.00 2.79 0.00	43.93 2.53 0.00	41.80 2.48 0.00	40.98 2.50 0.00	40.50 2.51 0.00	40.39 2.50 0.00	42.82 2.65 0.00	45.82 2.67 0.00	51.93 3.22 0.00	57.67 3.42 0.00	62.17 4.23 0.00	64.32 4.10 0.00	52.63 2.89 0.00	45.37 2.32 0.00	37.55 1.89 0.00
MILLWOOD_13_KV_LOAD 356217	38.27 2.10 0.00	33.54 2.08 0.00	31.55 2.01 0.00	30.17 1.92 0.00	32.19 1.68 0.00	37.12 1.73 0.00	47.76 2.45 0.00	53.10 2.82 0.00	49.35 2.97 0.00	47.04 2.83 0.00	43.98 2.57 0.00	41.84 2.52 0.00	41.02 2.54 0.00	40.54 2.55 0.00	40.47 2.58 0.00	42.90 2.73 0.00	45.90 2.76 0.00	52.08 3.36 0.00	57.78 3.53 0.00	62.28 4.35 0.00	64.45 4.22 0.00	52.73 2.98 0.00	45.45 2.41 0.00	37.63 1.96 0.00
MODEL_CITY_ENERGY 24167	35.59 -0.58 0.00	29.86 -1.60 0.00	27.88 -1.65 0.00	26.78 -1.47 0.00	28.71 -1.80 0.00	33.01 -2.37 0.00	41.23 -4.08 0.00	45.55 -4.73 0.00	41.93 -4.45 0.00	39.79 -4.42 0.00	37.72 -3.69 0.00	35.47 -3.85 0.00	34.59 -3.88 0.00	34.16 -3.84 0.00	34.03 -3.87 0.00	35.71 -4.46 0.00	38.39 -4.75 0.01	42.45 -5.70 0.57	48.38 -5.86 0.01	52.78 -5.16 0.00	55.11 -5.12 0.00	44.57 -5.17 0.00	38.78 -4.26 0.00	33.42 -2.25 0.00
MODERN_LFGE___ 323580	35.59 -0.58 0.00	29.86 -1.60 0.00	27.88 -1.65 0.00	26.78 -1.47 0.00	28.71 -1.80 0.00	33.01 -2.37 0.00	41.23 -4.08 0.00	45.55 -4.73 0.00	41.93 -4.45 0.00	39.79 -4.42 0.00	37.72 -3.69 0.00	35.47 -3.85 0.00	34.59 -3.88 0.00	34.16 -3.84 0.00	34.03 -3.87 0.00	35.71 -4.46 0.00	38.39 -4.75 0.01	42.45 -5.70 0.57	48.38 -5.86 0.01	52.78 -5.16 0.00	55.11 -5.12 0.00	44.57 -5.17 0.00	38.78 -4.26 0.00	33.42 -2.25 0.00
MOHAWK_PAPER___DRP 24187	37.26 1.09 0.00	32.72 1.26 0.00	30.78 1.24 0.00	29.41 1.16 0.00	31.55 1.04 0.00	36.34 0.96 0.00	46.49 1.18 0.00	51.84 1.56 0.00	47.82 1.44 0.00	45.58 1.37 0.00	42.65 1.24 0.00	40.47 1.14 0.00	39.63 1.15 0.00	39.17 1.18 0.00	39.03 1.14 0.00	41.61 1.45 0.00	44.61 1.47 0.00	50.57 1.85 0.00	60.08 2.17 -3.66	60.31 2.38 0.00	62.52 2.29 0.00	51.34 1.59 0.00	44.25 1.21 0.00	36.48 0.82 0.00
MOHICAN___35_KV_115KV_LD 80490	38.09 1.92 0.00	33.38 1.92 0.00	31.40 1.86 0.00	29.94 1.69 0.00	32.16 1.65 0.00	37.12 1.73 0.00	47.67 2.36 0.00	53.10 2.82 0.00	48.79 2.41 0.00	46.33 2.12 0.00	43.31 1.90 0.00	40.86 1.53 0.00	40.02 1.54 0.00	39.44 1.44 0.00	39.29 1.40 0.00	41.93 1.77 0.00	45.13 1.98 0.00	51.35 2.63 0.00	59.29 3.31 -1.73	61.88 3.94 0.00	64.32 4.10 0.00	52.63 2.89 0.00	45.28 2.24 0.00	37.27 1.60 0.00
MONGAUP___HYD 23641	37.26 1.08 0.00	32.76 1.29 0.00	30.78 1.24 0.00	29.91 1.67 0.00	31.52 1.01 0.00	36.20 0.81 0.00	46.54 1.22 0.00	51.44 1.16 0.00	47.59 1.20 0.00	45.27 1.06 0.00	42.28 0.87 0.00	40.19 0.86 0.00	39.40 0.92 0.00	38.90 0.91 0.00	38.80 0.91 0.00	41.17 1.00 0.00	44.09 0.95 0.00	50.08 1.36 0.00	56.04 1.79 0.00	60.43 2.49 0.00	62.52 2.29 0.00	51.09 1.34 0.00	44.12 1.08 0.00	36.49 0.82 0.00
MONTAUK___DIESEL 23721	44.14 3.22 -4.75	38.31 2.74 -4.10	32.87 2.69 -0.64	30.91 2.66 -0.01	32.93 2.41 -0.01	37.87 2.48 -0.01	48.67 3.35 -0.01	54.01 3.72 0.00	50.01 3.62 -0.01	47.80 3.58 -0.01	45.14 2.24 -1.50	44.59 2.08 -3.18	44.13 2.15 -3.49	42.80 2.13 -2.68	46.46 2.39 -6.18	47.70 2.53 -5.00	55.51 2.76 -9.60	67.07 3.51 -14.85	65.69 4.29 -7.15	75.87 5.16 -12.77	79.39 4.82 -14.35	59.55 3.33 -6.47	45.76 2.63 -0.09	41.47 2.89 -2.92
MOONROAD_115KV_HARTFLD_TB1-2 355988	37.94 1.77 0.00	31.47 0.00 0.00	29.33 -0.21 0.00	28.19 -0.06 0.00	30.18 -0.34 0.00	34.78 -0.60 0.00	43.59 -1.72 0.00	48.67 -1.61 0.00	44.71 -1.67 0.00	42.09 -2.12 0.00	39.92 -1.49 0.00	37.52 -1.81 0.00	36.55 -1.92 0.00	36.09 -1.90 0.00	35.81 -2.08 0.00	37.51 -2.65 0.00	40.16 -2.98 0.01	45.62 -2.63 0.46	51.10 -3.15 0.01	56.26 -1.68 0.00	59.15 -1.08 0.00	47.66 -2.09 0.00	41.36 -1.68 0.00	35.38 -0.29 0.00

MORRIS_RIDGE___SOLAR 323848	36.75 0.58 0.00	31.09 -0.38 0.00	29.04 -0.50 0.00	27.83 -0.42 0.00	29.87 -0.64 0.00	34.32 -1.06 0.00	43.27 -2.04 0.00	47.77 -2.51 0.00	43.55 -2.83 0.00	41.20 -3.01 0.00	38.92 -2.48 0.00	36.57 -2.75 0.00	35.67 -2.81 0.00	35.22 -2.77 0.00	35.05 -2.84 0.00	36.99 -3.17 0.00	39.68 -3.45 0.01	41.57 -3.75 3.40	50.66 -3.58 0.01	55.51 -2.43 0.00	58.18 -2.05 0.00	47.41 -2.34 0.00	41.02 -2.02 0.00	34.88 -0.78 0.00
MORTIMER_115KV_TB3 55949	36.42 0.25 0.00	30.87 -0.60 0.00	28.89 -0.65 0.00	27.65 -0.59 0.00	29.72 -0.79 0.00	34.32 -1.06 0.00	43.45 -1.86 0.00	48.17 -2.11 0.00	44.34 -2.04 0.00	42.18 -2.03 0.00	39.67 -1.74 0.00	37.60 -1.73 0.00	36.71 -1.77 0.00	36.28 -1.71 0.00	36.15 -1.74 0.00	38.12 -2.05 0.00	40.94 -2.20 0.01	45.40 -3.31 0.00	51.64 -2.60 0.01	55.91 -2.03 0.00	58.54 -1.69 0.00	47.51 -2.24 0.00	41.15 -1.89 0.00	34.70 -0.96 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	38.52 2.35 0.00	33.70 2.23 0.00	31.72 2.19 0.00	30.34 2.09 0.00	32.34 1.83 0.00	37.26 1.88 0.00	47.99 2.67 0.00	53.40 3.12 0.00	49.67 3.29 0.00	47.44 3.23 0.00	44.35 2.94 0.00	42.20 2.87 0.00	41.40 2.92 0.00	40.92 2.93 0.00	40.85 2.96 0.00	43.26 3.09 0.00	46.25 3.11 0.00	52.32 3.61 0.00	58.05 3.80 0.00	62.57 4.64 0.00	64.75 4.52 0.00	52.98 3.23 0.00	45.71 2.67 0.00	37.80 2.14 0.00
MUNSVILLE_WIND_PWR 323609	40.29 4.12 0.00	34.86 3.40 0.00	32.55 3.01 0.00	31.21 2.97 0.00	33.81 3.30 0.00	39.34 3.96 0.00	50.43 5.12 0.00	55.61 5.33 0.00	50.74 4.36 0.00	47.44 3.23 0.00	44.23 2.82 0.00	41.65 2.32 0.00	40.59 2.11 0.00	40.08 2.09 0.00	40.17 2.27 0.00	42.82 2.65 0.00	46.10 2.94 -0.02	52.75 3.90 -0.14	59.32 5.05 -0.02	64.54 6.60 0.00	67.82 7.59 0.00	55.41 5.67 0.00	47.60 4.56 0.00	38.94 3.28 0.00
N SALMON___HYD 24042	35.48 -0.69 0.00	30.87 -0.60 0.00	28.86 -0.68 0.00	27.51 -0.73 0.00	29.87 -0.64 0.00	35.17 -0.21 0.00	45.31 0.00 0.00	50.18 -0.10 0.00	45.96 -0.42 0.00	43.91 -0.31 0.00	41.12 -0.29 0.00	39.25 -0.08 0.00	38.36 -0.12 0.00	37.92 -0.08 0.00	37.82 -0.08 0.00	39.93 -0.24 0.00	42.97 -0.17 0.00	48.38 -0.34 0.00	53.71 -0.54 0.00	56.72 -1.22 0.00	59.08 -1.15 0.00	49.25 -0.50 0.00	43.04 0.00 0.00	35.59 -0.07 0.00
N.AKRON__115KV_KNAPP 355671	36.71 0.54 0.00	30.65 -0.82 0.00	28.65 -0.89 0.00	27.49 -0.76 0.00	29.44 -1.07 0.00	33.93 -1.45 0.00	42.73 -2.58 0.00	47.31 -2.97 0.00	43.27 -3.11 0.00	41.03 -3.18 0.00	38.72 -2.69 0.00	36.53 -2.79 0.00	35.63 -2.85 0.00	35.22 -2.77 0.00	35.05 -2.84 0.00	36.83 -3.33 0.00	39.60 -3.54 0.01	43.83 -4.43 0.46	50.07 -4.18 0.01	54.64 -3.30 0.00	57.52 -2.71 0.00	46.26 -3.48 0.00	40.20 -2.84 0.00	34.34 -1.32 0.00
N.E_GEN_SANDY PD 24062	37.47 1.30 0.00	32.98 1.51 0.00	31.07 1.54 0.00	29.69 1.44 0.00	31.70 1.19 0.00	36.69 1.31 0.00	46.81 1.49 0.00	52.19 1.91 0.00	48.24 1.86 0.00	46.11 1.90 0.00	43.11 1.70 0.00	40.90 1.57 0.00	40.09 1.62 0.00	39.40 1.41 0.00	38.77 1.36 0.48	42.00 1.77 -0.07	44.98 1.85 0.02	50.80 2.09 0.01	58.50 2.50 -1.75	60.87 2.95 0.02	63.10 2.89 0.02	50.89 1.99 0.85	44.77 1.72 0.00	36.66 1.00 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	38.16 1.99 0.00	33.42 1.95 0.00	31.46 1.92 0.00	30.08 1.84 0.00	32.13 1.62 0.00	37.01 1.63 0.00	47.67 2.36 0.00	52.95 2.66 0.00	49.16 2.78 0.00	46.91 2.70 0.00	43.85 2.44 0.00	41.68 2.36 0.00	40.86 2.39 0.00	40.39 2.39 0.00	40.28 2.39 0.00	42.70 2.53 0.00	45.69 2.55 0.00	51.84 3.12 0.00	57.62 3.36 0.00	62.11 4.17 0.00	64.26 4.04 0.00	52.53 2.79 0.00	45.32 2.28 0.00	37.52 1.85 0.00
N.QUEENS_27_KV_LOAD 356247	38.88 2.71 0.00	33.95 2.49 0.00	32.11 2.57 0.00	30.71 2.46 0.00	32.49 1.98 0.00	37.19 1.80 0.00	47.94 2.63 0.00	53.35 3.07 0.00	49.67 3.29 0.00	47.48 3.27 0.00	44.31 2.90 0.00	42.20 2.87 0.00	41.40 2.92 0.00	40.92 2.93 0.00	42.11 2.92 -1.30	44.37 3.05 -1.16	46.31 3.11 -0.06	52.60 3.85 -0.03	60.71 3.31 -3.14	62.16 4.17 -0.05	64.25 3.98 -0.05	54.83 2.84 -2.25	45.58 2.54 0.00	37.80 2.14 0.00
N.TROY___115KV_TB1 355778	37.44 1.27 0.00	32.88 1.42 0.00	30.96 1.42 0.00	29.58 1.33 0.00	31.70 1.19 0.00	36.59 1.20 0.00	46.76 1.45 0.00	52.14 1.86 0.00	48.10 1.72 0.00	45.89 1.68 0.00	42.90 1.49 0.00	40.66 1.34 0.00	39.82 1.35 0.00	39.25 1.25 0.00	39.10 1.21 0.00	41.69 1.53 0.00	44.78 1.64 0.00	50.72 2.00 0.00	59.44 2.39 -2.80	60.78 2.84 0.00	63.00 2.77 0.00	51.69 1.94 0.00	44.59 1.55 0.00	36.66 1.00 0.00
NARROWS_GT1_1 24228	38.72 2.53 -0.02	33.89 2.42 0.00	31.87 2.33 0.00	30.48 2.23 0.00	32.52 2.01 0.00	37.36 1.98 0.00	48.15 2.81 -0.03	53.30 3.02 0.00	49.86 3.48 0.00	47.67 3.40 -0.06	44.53 3.06 -0.06	46.20 3.11 -3.77	51.79 3.12 -10.20	53.10 3.15 -11.95	52.47 3.18 -11.39	51.80 3.33 -8.31	51.00 3.37 -4.49	52.45 3.70 -0.03	58.52 3.74 -0.53	62.46 4.52 0.00	64.75 4.52 0.00	53.52 3.38 -0.39	45.86 2.76 -0.06	38.00 2.32 -0.02
NARROWS_GT1_2 24229	38.72 2.53 -0.02	33.89 2.42 0.00	31.87 2.33 0.00	30.48 2.23 0.00	32.52 2.01 0.00	37.36 1.98 0.00	48.15 2.81 -0.03	53.30 3.02 0.00	49.86 3.48 0.00	47.67 3.40 -0.06	44.53 3.06 -0.06	46.20 3.11 -3.77	51.79 3.12 -10.20	53.10 3.15 -11.95	52.47 3.18 -11.39	51.80 3.33 -8.31	51.00 3.37 -4.49	52.45 3.70 -0.03	58.52 3.74 -0.53	62.46 4.52 0.00	64.75 4.52 0.00	53.52 3.38 -0.39	45.86 2.76 -0.06	38.00 2.32 -0.02
NARROWS_GT1_3 24230	38.72 2.53 -0.02	33.89 2.42 0.00	31.87 2.33 0.00	30.48 2.23 0.00	32.52 2.01 0.00	37.36 1.98 0.00	48.15 2.81 -0.03	53.30 3.02 0.00	49.86 3.48 0.00	47.67 3.40 -0.06	44.53 3.06 -0.06	46.20 3.11 -3.77	51.79 3.12 -10.20	53.10 3.15 -11.95	52.47 3.18 -11.39	51.80 3.33 -8.31	51.00 3.37 -4.49	52.45 3.70 -0.03	58.52 3.74 -0.53	62.46 4.52 0.00	64.75 4.52 0.00	53.52 3.38 -0.39	45.86 2.76 -0.06	38.00 2.32 -0.02
NARROWS_GT1_4 24231	38.72 2.53 -0.02	33.89 2.42 0.00	31.87 2.33 0.00	30.48 2.23 0.00	32.52 2.01 0.00	37.36 1.98 0.00	48.15 2.81 -0.03	53.30 3.02 0.00	49.86 3.48 0.00	47.67 3.40 -0.06	44.53 3.06 -0.06	46.20 3.11 -3.77	51.79 3.12 -10.20	53.10 3.15 -11.95	52.47 3.18 -11.39	51.80 3.33 -8.31	51.00 3.37 -4.49	52.45 3.70 -0.03	58.52 3.74 -0.53	62.46 4.52 0.00	64.75 4.52 0.00	53.52 3.38 -0.39	45.86 2.76 -0.06	38.00 2.32 -0.02
NARROWS_GT1_5 24232	38.72 2.53 -0.02	33.89 2.42 0.00	31.87 2.33 0.00	30.48 2.23 0.00	32.52 2.01 0.00	37.36 1.98 0.00	48.15 2.81 -0.03	53.30 3.02 0.00	49.86 3.48 0.00	47.67 3.40 -0.06	44.53 3.06 -0.06	46.20 3.11 -3.77	51.79 3.12 -10.20	53.10 3.15 -11.95	52.47 3.18 -11.39	51.80 3.33 -8.31	51.00 3.37 -4.49	52.45 3.70 -0.03	58.52 3.74 -0.53	62.46 4.52 0.00	64.75 4.52 0.00	53.52 3.38 -0.39	45.86 2.76 -0.06	38.00 2.32 -0.02

NARROWS_GT1_6 24233	38.72 2.53 -0.02	33.89 2.42 0.00	31.87 2.33 0.00	30.48 2.23 0.00	32.52 2.01 0.00	37.36 1.98 0.00	48.15 2.81 -0.03	53.30 3.02 0.00	49.86 3.48 0.00	47.67 3.40 -0.06	44.53 3.06 -0.06	46.20 3.11 -3.77	51.79 3.12 -10.20	53.10 3.15 -11.95	52.47 3.18 -11.39	51.80 3.33 -8.31	51.00 3.37 -4.49	52.45 3.70 -0.03	58.52 3.74 -0.53	62.46 4.52 0.00	64.75 4.52 0.00	53.52 3.38 -0.39	45.86 2.76 -0.06	38.00 2.32 -0.02
NARROWS_GT1_7 24234	38.72 2.53 -0.02	33.89 2.42 0.00	31.87 2.33 0.00	30.48 2.23 0.00	32.52 2.01 0.00	37.36 1.98 0.00	48.15 2.81 -0.03	53.30 3.02 0.00	49.86 3.48 0.00	47.67 3.40 -0.06	44.53 3.06 -0.06	46.20 3.11 -3.77	51.79 3.12 -10.20	53.10 3.15 -11.95	52.47 3.18 -11.39	51.80 3.33 -8.31	51.00 3.37 -4.49	52.45 3.70 -0.03	58.52 3.74 -0.53	62.46 4.52 0.00	64.75 4.52 0.00	53.52 3.38 -0.39	45.86 2.76 -0.06	38.00 2.32 -0.02
NARROWS_GT1_8 24235	38.72 2.53 -0.02	33.89 2.42 0.00	31.87 2.33 0.00	30.48 2.23 0.00	32.52 2.01 0.00	37.36 1.98 0.00	48.15 2.81 -0.03	53.30 3.02 0.00	49.86 3.48 0.00	47.67 3.40 -0.06	44.53 3.06 -0.06	46.20 3.11 -3.77	51.79 3.12 -10.20	53.10 3.15 -11.95	52.47 3.18 -11.39	51.80 3.33 -8.31	51.00 3.37 -4.49	52.45 3.70 -0.03	58.52 3.74 -0.53	62.46 4.52 0.00	64.75 4.52 0.00	53.52 3.38 -0.39	45.86 2.76 -0.06	38.00 2.32 -0.02
NARROWS_GT2_1 24236	38.72 2.53 -0.02	33.89 2.42 0.00	31.87 2.33 0.00	30.48 2.23 0.00	32.52 2.01 0.00	37.36 1.98 0.00	48.15 2.81 -0.03	53.30 3.02 0.00	49.86 3.48 0.00	47.67 3.40 -0.06	44.53 3.06 -0.06	46.20 3.11 -3.77	51.79 3.12 -10.20	53.10 3.15 -11.95	52.47 3.18 -11.39	51.80 3.33 -8.31	51.00 3.37 -4.49	52.45 3.70 -0.03	58.52 3.74 -0.53	62.46 4.52 0.00	64.75 4.52 0.00	53.52 3.38 -0.39	45.86 2.76 -0.06	38.00 2.32 -0.02
NARROWS_GT2_2 24237	38.72 2.53 -0.02	33.89 2.42 0.00	31.87 2.33 0.00	30.48 2.23 0.00	32.52 2.01 0.00	37.36 1.98 0.00	48.15 2.81 -0.03	53.30 3.02 0.00	49.86 3.48 0.00	47.67 3.40 -0.06	44.53 3.06 -0.06	46.20 3.11 -3.77	51.79 3.12 -10.20	53.10 3.15 -11.95	52.47 3.18 -11.39	51.80 3.33 -8.31	51.00 3.37 -4.49	52.45 3.70 -0.03	58.52 3.74 -0.53	62.46 4.52 0.00	64.75 4.52 0.00	53.52 3.38 -0.39	45.86 2.76 -0.06	38.00 2.32 -0.02
NARROWS_GT2_3 24238	38.72 2.53 -0.02	33.89 2.42 0.00	31.87 2.33 0.00	30.48 2.23 0.00	32.52 2.01 0.00	37.36 1.98 0.00	48.15 2.81 -0.03	53.30 3.02 0.00	49.86 3.48 0.00	47.67 3.40 -0.06	44.53 3.06 -0.06	46.20 3.11 -3.77	51.79 3.12 -10.20	53.10 3.15 -11.95	52.47 3.18 -11.39	51.80 3.33 -8.31	51.00 3.37 -4.49	52.45 3.70 -0.03	58.52 3.74 -0.53	62.46 4.52 0.00	64.75 4.52 0.00	53.52 3.38 -0.39	45.86 2.76 -0.06	38.00 2.32 -0.02
NARROWS_GT2_4 24239	38.72 2.53 -0.02	33.89 2.42 0.00	31.87 2.33 0.00	30.48 2.23 0.00	32.52 2.01 0.00	37.36 1.98 0.00	48.15 2.81 -0.03	53.30 3.02 0.00	49.86 3.48 0.00	47.67 3.40 -0.06	44.53 3.06 -0.06	46.20 3.11 -3.77	51.79 3.12 -10.20	53.10 3.15 -11.95	52.47 3.18 -11.39	51.80 3.33 -8.31	51.00 3.37 -4.49	52.45 3.70 -0.03	58.52 3.74 -0.53	62.46 4.52 0.00	64.75 4.52 0.00	53.52 3.38 -0.39	45.86 2.76 -0.06	38.00 2.32 -0.02
NARROWS_GT2_5 24240	38.72 2.53 -0.02	33.89 2.42 0.00	31.87 2.33 0.00	30.48 2.23 0.00	32.52 2.01 0.00	37.36 1.98 0.00	48.15 2.81 -0.03	53.30 3.02 0.00	49.86 3.48 0.00	47.67 3.40 -0.06	44.53 3.06 -0.06	46.20 3.11 -3.77	51.79 3.12 -10.20	53.10 3.15 -11.95	52.47 3.18 -11.39	51.80 3.33 -8.31	51.00 3.37 -4.49	52.45 3.70 -0.03	58.52 3.74 -0.53	62.46 4.52 0.00	64.75 4.52 0.00	53.52 3.38 -0.39	45.86 2.76 -0.06	38.00 2.32 -0.02
NARROWS_GT2_6 24241	38.72 2.53 -0.02	33.89 2.42 0.00	31.87 2.33 0.00	30.48 2.23 0.00	32.52 2.01 0.00	37.36 1.98 0.00	48.15 2.81 -0.03	53.30 3.02 0.00	49.86 3.48 0.00	47.67 3.40 -0.06	44.53 3.06 -0.06	46.20 3.11 -3.77	51.79 3.12 -10.20	53.10 3.15 -11.95	52.47 3.18 -11.39	51.80 3.33 -8.31	51.00 3.37 -4.49	52.45 3.70 -0.03	58.52 3.74 -0.53	62.46 4.52 0.00	64.75 4.52 0.00	53.52 3.38 -0.39	45.86 2.76 -0.06	38.00 2.32 -0.02
NARROWS_GT2_7 24242	38.72 2.53 -0.02	33.89 2.42 0.00	31.87 2.33 0.00	30.48 2.23 0.00	32.52 2.01 0.00	37.36 1.98 0.00	48.15 2.81 -0.03	53.30 3.02 0.00	49.86 3.48 0.00	47.67 3.40 -0.06	44.53 3.06 -0.06	46.20 3.11 -3.77	51.79 3.12 -10.20	53.10 3.15 -11.95	52.47 3.18 -11.39	51.80 3.33 -8.31	51.00 3.37 -4.49	52.45 3.70 -0.03	58.52 3.74 -0.53	62.46 4.52 0.00	64.75 4.52 0.00	53.52 3.38 -0.39	45.86 2.76 -0.06	38.00 2.32 -0.02
NARROWS_GT2_8 24243	38.72 2.53 -0.02	33.89 2.42 0.00	31.87 2.33 0.00	30.48 2.23 0.00	32.52 2.01 0.00	37.36 1.98 0.00	48.15 2.81 -0.03	53.30 3.02 0.00	49.86 3.48 0.00	47.67 3.40 -0.06	44.53 3.06 -0.06	46.20 3.11 -3.77	51.79 3.12 -10.20	53.10 3.15 -11.95	52.47 3.18 -11.39	51.80 3.33 -8.31	51.00 3.37 -4.49	52.45 3.70 -0.03	58.52 3.74 -0.53	62.46 4.52 0.00	64.75 4.52 0.00	53.52 3.38 -0.39	45.86 2.76 -0.06	38.00 2.32 -0.02
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	37.36 1.19 0.00	32.82 1.35 0.00	30.84 1.30 0.00	29.46 1.21 0.00	31.61 1.10 0.00	36.44 1.06 0.00	46.67 1.36 0.00	51.74 1.46 0.00	47.49 1.11 0.00	45.05 0.84 0.00	42.07 0.66 0.00	39.76 0.43 0.00	38.90 0.42 0.00	38.34 0.34 0.00	38.23 0.34 0.00	40.77 0.60 0.00	43.79 0.65 0.00	49.89 1.17 0.00	54.05 2.12 2.31	60.26 2.32 0.00	62.34 2.11 0.00	51.14 1.39 0.00	44.16 1.12 0.00	36.48 0.82 0.00
NCHELSEA_115KV_TR2 355582	38.23 2.06 0.00	33.48 2.01 0.00	31.49 1.95 0.00	30.11 1.86 0.00	32.16 1.65 0.00	37.08 1.70 0.00	47.71 2.40 0.00	52.90 2.61 0.00	49.02 2.64 0.00	46.69 2.48 0.00	43.60 2.19 0.00	41.41 2.08 0.00	40.55 2.08 0.00	40.05 2.05 0.00	39.98 2.08 0.00	42.41 2.25 0.00	45.43 2.29 0.00	51.69 2.97 0.00	57.62 3.36 0.00	62.05 4.11 0.00	64.14 3.91 0.00	52.48 2.74 0.00	45.28 2.24 0.00	37.45 1.78 0.00
NEG CAPITAL____MECHNVIL 23645	37.94 1.77 0.00	33.26 1.79 0.00	31.31 1.77 0.00	29.89 1.64 0.00	32.01 1.49 0.00	37.01 1.63 0.00	47.40 2.09 0.00	52.79 2.51 0.00	48.61 2.23 0.00	46.29 2.08 0.00	43.27 1.87 0.00	40.94 1.61 0.00	40.09 1.62 0.00	39.51 1.52 0.00	39.37 1.48 0.00	41.97 1.81 0.00	45.13 1.99 0.00	51.20 2.48 0.00	59.36 3.04 -2.07	61.53 3.59 0.00	63.96 3.74 0.00	52.38 2.63 0.00	45.15 2.11 0.00	37.13 1.46 0.00
NEG CENTRAL_HIGH_ACRES 23767	35.85 -0.33 0.00	30.46 -1.01 0.00	28.53 -1.00 0.00	27.29 -0.96 0.00	29.38 -1.13 0.00	33.93 -1.45 0.00	43.09 -2.22 0.00	47.82 -2.46 0.00	44.02 -2.36 0.00	41.87 -2.34 0.00	39.42 -1.99 0.00	37.32 -2.00 0.00	36.47 -2.00 0.00	36.06 -1.94 0.00	35.92 -1.97 0.00	37.96 -2.21 0.00	40.72 -2.42 0.00	45.65 -3.07 0.00	51.21 -3.04 0.00	55.39 -2.55 0.00	57.76 -2.47 0.00	47.16 -2.59 0.00	40.76 -2.28 0.00	34.27 -1.39 0.00

NEG CENTRAL___DRP 24199	36.64 0.47 0.00	31.43 -0.03 0.00	29.42 -0.12 0.00	28.16 -0.08 0.00	30.33 -0.18 0.00	35.06 -0.32 0.00	44.81 -0.50 0.00	49.53 -0.75 0.00	45.59 -0.79 0.00	43.33 -0.88 0.00	40.66 -0.75 0.00	38.50 -0.83 0.00	37.67 -0.81 0.00	37.27 -0.72 0.00	37.13 -0.76 0.00	39.28 -0.88 0.00	42.19 -0.95 0.01	47.88 -1.07 -0.23	53.27 -0.98 0.01	57.48 -0.46 0.00	60.05 -0.18 0.00	49.25 -0.50 0.00	42.44 -0.60 0.00	35.34 -0.32 0.00
NEG CENTRAL___INDECK 23768	37.91 1.74 0.00	31.87 0.41 0.00	29.77 0.24 0.00	28.50 0.25 0.00	30.66 0.15 0.00	35.38 0.00 0.00	44.86 -0.45 0.00	49.58 -0.70 0.00	45.13 -1.25 0.00	42.66 -1.55 0.00	40.08 -1.33 0.00	37.71 -1.61 0.00	36.79 -1.69 0.00	36.36 -1.63 0.00	36.26 -1.63 0.00	38.32 -1.85 0.00	41.19 -1.94 0.01	47.63 -3.55 -2.46	51.04 -3.20 0.01	55.86 -2.08 0.00	58.54 -1.69 0.00	47.75 -1.99 0.00	41.19 -1.85 0.00	35.92 0.25 0.00
NEG CENTRAL___SENECA 23627	37.00 0.83 0.00	31.59 0.13 0.00	29.54 0.00 0.00	28.30 0.06 0.00	30.45 -0.06 0.00	35.21 -0.18 0.00	44.90 -0.41 0.00	49.58 -0.70 0.00	45.64 -0.74 0.00	43.33 -0.88 0.00	40.66 -0.75 0.00	38.46 -0.87 0.00	37.63 -0.85 0.00	37.23 -0.76 0.00	37.06 -0.83 0.00	39.20 -0.96 0.00	42.10 -1.04 0.01	47.96 -1.12 -0.37	53.16 -1.09 0.01	57.59 -0.35 0.00	60.23 0.00 0.00	49.35 -0.40 0.00	42.53 -0.52 0.00	35.52 -0.14 0.00
NEG CENTRAL___STATE_STREET 24147	36.42 0.25 0.00	31.40 -0.06 0.00	29.39 -0.15 0.00	28.14 -0.11 0.00	30.30 -0.21 0.00	35.06 -0.32 0.00	44.95 -0.36 0.00	49.78 -0.50 0.00	45.82 -0.56 0.00	43.59 -0.62 0.00	40.83 -0.58 0.00	38.70 -0.63 0.00	37.90 -0.58 0.00	37.46 -0.53 0.00	37.36 -0.53 0.00	39.56 -0.60 0.00	42.50 -0.65 0.00	47.94 -0.78 0.00	53.66 -0.60 0.00	57.76 -0.17 0.00	60.23 0.00 0.00	49.45 -0.30 0.00	42.61 -0.43 0.00	35.34 -0.32 0.00
NEG MILLWOOD___DRP 24198	38.38 2.21 0.00	33.61 2.14 0.00	31.61 2.07 0.00	30.23 1.98 0.00	32.28 1.77 0.00	37.26 1.88 0.00	47.89 2.58 0.00	53.25 2.97 0.00	49.40 3.01 0.00	47.00 2.79 0.00	43.93 2.53 0.00	41.72 2.40 0.00	40.90 2.42 0.00	40.42 2.43 0.00	40.36 2.46 0.00	42.86 2.69 0.00	45.86 2.72 0.00	52.18 3.46 0.00	58.00 3.74 0.00	62.52 4.58 0.00	64.63 4.40 0.00	52.93 3.18 0.00	45.58 2.54 0.00	37.66 2.00 0.00
NEG NORTH_FLCN_SEA 23793	36.32 0.14 0.00	31.59 0.13 0.00	29.60 0.06 0.00	28.19 -0.06 0.00	30.57 0.06 0.00	35.91 0.53 0.00	46.26 0.95 0.00	51.29 1.01 0.00	46.98 0.60 0.00	44.83 0.62 0.00	42.03 0.62 0.00	40.11 0.79 0.00	39.25 0.77 0.00	38.75 0.76 0.00	38.65 0.76 0.00	40.81 0.64 0.00	43.92 0.78 0.00	49.45 0.73 0.00	54.79 0.54 0.00	57.82 -0.12 0.00	60.11 -0.12 0.00	50.04 0.30 0.00	43.82 0.77 0.00	36.34 0.68 0.00
NEG NORTH_KES_CHATEGAY 23792	35.45 -0.72 0.00	30.84 -0.63 0.00	28.89 -0.65 0.00	27.54 -0.71 0.00	29.93 -0.58 0.00	35.13 -0.25 0.00	45.18 -0.14 0.00	50.03 -0.25 0.00	45.92 -0.46 0.00	43.86 -0.35 0.00	41.08 -0.33 0.00	39.17 -0.16 0.00	38.32 -0.15 0.00	37.84 -0.15 0.00	37.74 -0.15 0.00	39.88 -0.28 0.00	42.88 -0.26 0.00	48.28 -0.44 0.00	53.55 -0.71 0.00	56.49 -1.45 0.00	58.72 -1.51 0.00	49.10 -0.65 0.00	42.91 -0.13 0.00	35.59 -0.07 0.00
NEG NORTH___ALICE_FALLS 23915	36.24 0.07 0.00	31.56 0.09 0.00	29.54 0.00 0.00	28.14 -0.11 0.00	30.51 0.00 0.00	35.88 0.50 0.00	46.22 0.91 0.00	51.24 0.96 0.00	46.89 0.51 0.00	44.74 0.53 0.00	41.95 0.54 0.00	40.03 0.71 0.00	39.17 0.69 0.00	38.68 0.68 0.00	38.57 0.68 0.00	40.73 0.56 0.00	43.88 0.73 0.00	49.40 0.68 0.00	54.79 0.54 0.00	57.82 -0.12 0.00	60.17 -0.06 0.00	50.09 0.35 0.00	43.82 0.77 0.00	36.31 0.64 0.00
NEG NORTH___LWR_SARANAC 23913	36.24 0.07 0.00	31.56 0.09 0.00	29.54 0.00 0.00	28.14 -0.11 0.00	30.51 0.00 0.00	35.88 0.50 0.00	46.22 0.91 0.00	51.24 0.96 0.00	46.89 0.51 0.00	44.74 0.53 0.00	41.95 0.54 0.00	40.03 0.71 0.00	39.17 0.69 0.00	38.68 0.68 0.00	38.57 0.68 0.00	40.73 0.56 0.00	43.88 0.73 0.00	49.40 0.68 0.00	54.79 0.54 0.00	57.82 -0.12 0.00	60.17 -0.06 0.00	50.09 0.35 0.00	43.82 0.77 0.00	36.31 0.64 0.00
NEG NORTH___PLATTSBURG 23628	36.24 0.07 0.00	31.56 0.09 0.00	29.54 0.00 0.00	28.14 -0.11 0.00	30.51 0.00 0.00	35.88 0.50 0.00	46.22 0.91 0.00	51.23 0.95 0.00	46.89 0.51 0.00	44.75 0.53 0.00	41.94 0.54 0.00	40.03 0.71 0.00	39.17 0.69 0.00	38.68 0.68 0.00	38.57 0.68 0.00	40.73 0.56 0.00	43.88 0.73 0.00	49.40 0.68 0.00	54.79 0.54 0.00	57.88 -0.06 0.00	60.17 -0.06 0.00	50.10 0.35 0.00	43.82 0.78 0.00	36.31 0.64 0.00
NEG WEST_LEA_LOCKPORT 23791	36.03 -0.14 0.00	30.18 -1.29 0.00	28.18 -1.36 0.00	27.06 -1.19 0.00	28.96 -1.56 0.00	33.37 -2.02 0.00	41.69 -3.62 0.00	46.06 -4.22 0.00	42.39 -3.99 0.00	40.23 -3.98 0.00	38.01 -3.40 0.00	35.86 -3.46 0.00	34.98 -3.50 0.00	34.54 -3.46 0.00	34.41 -3.49 0.00	36.11 -4.06 0.00	38.82 -4.31 0.01	42.84 -5.31 0.57	49.04 -5.21 0.01	53.54 -4.40 0.00	56.31 -3.91 0.00	45.27 -4.48 0.00	39.38 -3.66 0.00	33.77 -1.89 0.00
NEG WEST___LANCASTR 23811	36.32 0.14 0.00	30.43 -1.04 0.00	28.42 -1.12 0.00	27.32 -0.93 0.00	29.23 -1.28 0.00	33.65 -1.73 0.00	42.19 -3.13 0.00	46.61 -3.67 0.00	42.86 -3.52 0.00	40.59 -3.63 0.00	38.43 -2.98 0.00	36.26 -3.07 0.00	35.40 -3.08 0.00	34.99 -3.00 0.00	34.82 -3.07 0.00	36.59 -3.57 0.00	39.21 -3.93 0.01	46.24 -2.00 0.48	49.63 -4.61 0.01	54.35 -3.59 0.00	57.10 -3.13 0.00	45.97 -3.78 0.00	39.86 -3.19 0.00	34.13 -1.53 0.00
NEG_PENN_ALLEGHNY 23528	36.93 0.76 0.00	31.91 0.44 0.00	29.89 0.36 0.00	28.61 0.37 0.00	30.79 0.27 0.00	35.49 0.11 0.00	45.31 0.00 0.00	50.23 -0.05 0.00	46.29 -0.09 0.00	44.04 -0.18 0.00	41.37 -0.04 0.00	39.17 -0.16 0.00	38.36 -0.12 0.00	37.92 -0.08 0.00	37.78 -0.11 0.00	40.01 -0.16 0.00	42.88 -0.26 0.01	48.58 -0.15 -0.01	54.14 -0.11 0.01	58.40 0.46 0.00	60.83 0.60 0.00	49.85 0.10 0.00	42.96 -0.09 0.00	35.81 0.14 0.00
NEG___GEN_MONROE 24207	36.71 0.54 0.00	30.99 -0.47 0.00	29.01 -0.53 0.00	27.77 -0.48 0.00	29.84 -0.67 0.00	34.46 -0.92 0.00	43.64 -1.68 0.00	48.32 -1.96 0.00	44.34 -2.04 0.00	42.09 -2.12 0.00	39.59 -1.82 0.00	37.48 -1.85 0.00	36.55 -1.92 0.00	36.13 -1.86 0.00	36.00 -1.89 0.00	37.96 -2.21 0.00	40.64 -2.50 0.01	45.31 -3.41 0.00	51.53 -2.71 0.01	55.97 -1.97 0.00	58.72 -1.51 0.00	47.56 -2.19 0.00	41.24 -1.81 0.00	34.92 -0.75 0.00
NEPA___ENERGY 23901	36.89 0.72 0.00	31.03 -0.44 0.00	29.01 -0.53 0.00	27.88 -0.37 0.00	29.81 -0.70 0.00	34.32 -1.06 0.00	43.05 -2.27 0.00	47.62 -2.66 0.00	43.74 -2.64 0.00	41.47 -2.74 0.00	39.25 -2.15 0.00	37.04 -2.28 0.00	36.17 -2.31 0.00	35.71 -2.28 0.00	35.58 -2.31 0.00	37.35 -2.81 0.00	40.03 -3.11 0.01	45.22 -2.92 0.58	50.61 -3.63 0.01	55.51 -2.43 0.00	58.30 -1.93 0.00	46.86 -2.89 0.00	40.63 -2.41 0.00	34.81 -0.86 0.00

NEVERSINK___HYD 23608	38.38 2.21 0.00	33.54 2.08 0.00	31.52 1.98 0.00	30.17 1.92 0.00	32.28 1.77 0.00	37.26 1.87 0.00	47.89 2.58 0.00	52.89 2.61 0.00	48.93 2.55 0.00	46.47 2.25 0.00	43.31 1.91 0.00	41.10 1.77 0.00	40.17 1.69 0.00	39.70 1.71 0.00	39.67 1.78 0.00	42.05 1.89 0.00	45.09 1.94 0.00	51.40 2.68 0.00	57.42 3.36 0.20	62.11 4.17 0.00	64.20 3.97 0.00	52.48 2.73 0.00	45.37 2.32 0.00	37.48 1.82 0.00
NEWKRMKL_115KV_TB1 55635	36.93 0.76 0.00	32.44 0.98 0.00	30.51 0.97 0.00	29.12 0.88 0.00	31.24 0.73 0.00	35.98 0.60 0.00	46.08 0.77 0.00	51.34 1.06 0.00	47.31 0.93 0.00	45.14 0.93 0.00	42.28 0.87 0.00	40.11 0.79 0.00	39.29 0.81 0.00	38.64 0.65 0.00	38.50 0.61 0.00	41.01 0.84 0.00	43.92 0.78 0.00	49.74 1.02 0.00	53.78 1.19 1.67	59.68 1.74 0.00	61.86 1.63 0.00	50.74 0.99 0.00	43.77 0.73 0.00	36.16 0.50 0.00
NEWTON___FALLS_HYD 23847	34.83 -1.34 0.00	30.24 -1.23 0.00	28.18 -1.36 0.00	26.89 -1.36 0.00	29.23 -1.28 0.00	34.29 -1.10 0.00	44.04 -1.27 0.00	48.67 -1.61 0.00	44.53 -1.86 0.00	42.31 -1.90 0.00	39.67 -1.74 0.00	37.75 -1.57 0.00	36.90 -1.58 0.00	36.47 -1.52 0.00	36.45 -1.44 0.00	38.64 -1.53 0.00	41.55 -1.60 0.00	46.96 -1.75 0.00	52.41 -1.84 0.00	55.97 -1.97 0.00	58.48 -1.75 0.00	48.45 -1.29 0.00	42.14 -0.90 0.00	34.63 -1.03 0.00
NGRID_A1_DSASP 323792	35.48 -0.69 0.00	29.83 -1.64 0.00	27.86 -1.68 0.00	26.78 -1.47 0.00	28.71 -1.80 0.00	32.94 -2.44 0.00	41.19 -4.12 0.00	45.45 -4.83 0.00	41.84 -4.54 0.00	39.75 -4.46 0.00	37.72 -3.69 0.00	35.43 -3.89 0.00	34.55 -3.93 0.00	34.16 -3.84 0.00	34.03 -3.87 0.00	35.67 -4.50 0.00	38.35 -4.79 0.01	42.34 -5.85 0.53	48.28 -5.97 0.01	52.61 -5.33 0.00	54.87 -5.36 0.00	44.42 -5.32 0.00	38.65 -4.39 0.00	33.35 -2.32 0.00
NGRID_A2_DSASP 323793	35.48 -0.69 0.00	29.83 -1.64 0.00	27.86 -1.68 0.00	26.78 -1.47 0.00	28.71 -1.80 0.00	32.94 -2.44 0.00	41.19 -4.12 0.00	45.45 -4.83 0.00	41.84 -4.54 0.00	39.75 -4.46 0.00	37.72 -3.69 0.00	35.43 -3.89 0.00	34.55 -3.93 0.00	34.16 -3.84 0.00	34.03 -3.87 0.00	35.67 -4.50 0.00	38.35 -4.79 0.01	42.34 -5.85 0.53	48.28 -5.97 0.01	52.61 -5.33 0.00	54.87 -5.36 0.00	44.42 -5.32 0.00	38.65 -4.39 0.00	33.35 -2.32 0.00
NGRID_A4_DSASP 323807	35.48 -0.69 0.00	29.83 -1.64 0.00	27.86 -1.68 0.00	26.78 -1.47 0.00	28.71 -1.80 0.00	32.94 -2.44 0.00	41.19 -4.12 0.00	45.45 -4.83 0.00	41.84 -4.54 0.00	39.75 -4.46 0.00	37.72 -3.69 0.00	35.43 -3.89 0.00	34.55 -3.93 0.00	34.16 -3.84 0.00	34.03 -3.87 0.00	35.67 -4.50 0.00	38.35 -4.79 0.01	42.34 -5.85 0.53	48.28 -5.97 0.01	52.61 -5.33 0.00	54.87 -5.36 0.00	44.42 -5.32 0.00	38.65 -4.39 0.00	33.35 -2.32 0.00
NIAGARA_115E_LBMP 323715	35.34 -0.83 0.00	29.67 -1.79 0.00	27.71 -1.83 0.00	26.64 -1.61 0.00	28.56 -1.95 0.00	32.80 -2.58 0.00	40.96 -4.35 0.00	45.25 -5.03 0.00	41.65 -4.73 0.00	39.52 -4.69 0.00	37.51 -3.89 0.00	35.23 -4.09 0.00	34.36 -4.12 0.00	33.97 -4.03 0.00	33.84 -4.05 0.00	35.47 -4.70 0.00	38.13 -5.00 0.01	42.14 -5.99 0.58	48.06 -6.19 0.01	52.43 -5.51 0.00	54.69 -5.54 0.00	44.27 -5.47 0.00	38.52 -4.52 0.00	33.20 -2.46 0.00
NIAGARA_115W_LBMP 323714	35.34 -0.83 0.00	29.74 -1.73 0.00	27.77 -1.77 0.00	26.69 -1.55 0.00	28.62 -1.89 0.00	32.83 -2.55 0.00	41.05 -4.26 0.00	45.30 -4.98 0.00	41.70 -4.68 0.00	39.61 -4.60 0.00	37.60 -3.81 0.00	35.31 -4.01 0.00	34.47 -4.00 0.00	34.04 -3.95 0.00	33.91 -3.98 0.00	35.55 -4.62 0.00	38.22 -4.92 0.01	42.19 -5.99 0.54	48.11 -6.13 0.01	52.43 -5.51 0.00	54.69 -5.54 0.00	44.27 -5.47 0.00	38.52 -4.52 0.00	33.24 -2.43 0.00
NIAGARA_230_LBMP 323716	35.56 -0.62 0.00	29.99 -1.48 0.00	28.03 -1.51 0.00	26.92 -1.33 0.00	28.89 -1.62 0.00	33.15 -2.23 0.00	41.46 -3.85 0.00	45.81 -4.48 0.00	42.11 -4.27 0.00	40.05 -4.16 0.00	37.97 -3.44 0.00	35.71 -3.62 0.00	34.82 -3.66 0.00	34.42 -3.57 0.00	34.29 -3.60 0.00	35.95 -4.22 0.00	38.65 -4.49 0.01	42.70 -5.46 0.56	48.66 -5.59 0.01	53.01 -4.92 0.00	55.29 -4.94 0.00	44.77 -4.97 0.00	38.95 -4.09 0.00	33.53 -2.14 0.00
NIAGARA___115KV_198_GIBSON 55903	35.34 -0.83 0.00	29.73 -1.73 0.00	27.77 -1.77 0.00	26.69 -1.55 0.00	28.56 -1.95 0.00	32.83 -2.55 0.00	41.05 -4.26 0.00	45.30 -4.98 0.00	41.70 -4.68 0.00	39.61 -4.60 0.00	37.43 -3.98 0.00	35.31 -4.01 0.00	34.48 -4.00 0.00	34.04 -3.95 0.00	33.91 -3.98 0.00	35.55 -4.62 0.00	38.22 -4.92 0.01	41.70 -6.48 0.54	48.22 -6.02 0.01	52.49 -5.45 0.00	55.23 -5.00 0.00	44.37 -5.37 0.00	38.65 -4.39 0.00	33.24 -2.43 0.00
NIAGARA____ 23760	35.56 -0.62 0.00	29.99 -1.48 0.00	28.03 -1.51 0.00	26.92 -1.33 0.00	28.89 -1.62 0.00	33.15 -2.23 0.00	41.46 -3.85 0.00	45.81 -4.48 0.00	42.11 -4.27 0.00	40.05 -4.16 0.00	37.97 -3.44 0.00	35.71 -3.62 0.00	34.82 -3.66 0.00	34.42 -3.57 0.00	34.29 -3.60 0.00	35.95 -4.22 0.00	38.65 -4.49 0.01	42.70 -5.46 0.56	48.66 -5.59 0.01	53.01 -4.92 0.00	55.29 -4.94 0.00	44.77 -4.97 0.00	38.95 -4.09 0.00	33.53 -2.14 0.00
NINE_MILE_1 23575	35.38 -0.80 0.00	30.65 -0.82 0.00	28.74 -0.80 0.00	27.51 -0.73 0.00	29.63 -0.89 0.00	34.29 -1.10 0.00	43.86 -1.45 0.00	48.57 -1.71 0.00	44.76 -1.62 0.00	42.62 -1.59 0.00	39.96 -1.45 0.00	37.95 -1.38 0.00	37.13 -1.35 0.00	36.66 -1.33 0.00	36.56 -1.33 0.00	38.76 -1.41 0.00	41.59 -1.55 0.00	46.97 -1.75 0.00	52.35 -1.90 0.00	56.14 -1.80 0.00	58.42 -1.81 0.00	48.05 -1.69 0.00	41.54 -1.51 0.00	34.49 -1.18 0.00
NINE_MILE_2 23744	35.38 -0.80 0.00	30.65 -0.82 0.00	28.74 -0.80 0.00	27.51 -0.73 0.00	29.63 -0.89 0.00	34.29 -1.10 0.00	43.86 -1.45 0.00	48.57 -1.71 0.00	44.76 -1.62 0.00	42.66 -1.55 0.00	40.00 -1.41 0.00	37.95 -1.38 0.00	37.13 -1.35 0.00	36.70 -1.29 0.00	36.56 -1.33 0.00	38.76 -1.41 0.00	41.63 -1.51 0.00	46.97 -1.75 0.00	52.35 -1.90 0.00	56.14 -1.80 0.00	58.42 -1.81 0.00	48.05 -1.69 0.00	41.54 -1.51 0.00	34.49 -1.18 0.00
NM_CAPITAL___DRP 24208	37.00 0.83 0.00	32.54 1.07 0.00	30.60 1.06 0.00	29.24 0.99 0.00	31.37 0.85 0.00	36.13 0.74 0.00	46.22 0.91 0.00	51.49 1.21 0.00	47.49 1.11 0.00	45.32 1.11 0.00	42.44 1.04 0.00	40.27 0.94 0.00	39.44 0.96 0.00	38.75 0.76 0.00	38.61 0.72 0.00	41.13 0.96 0.00	44.09 0.95 0.00	49.94 1.22 0.00	57.11 1.36 -1.50	59.91 1.97 0.00	62.04 1.81 0.00	50.94 1.19 0.00	43.95 0.90 0.00	36.27 0.61 0.00
NM_CENTRAL___DRP 24181	36.17 0.00 0.00	31.28 -0.19 0.00	29.30 -0.24 0.00	28.08 -0.17 0.00	30.21 -0.31 0.00	34.92 -0.46 0.00	44.68 -0.63 0.00	49.58 -0.70 0.00	45.64 -0.74 0.00	43.51 -0.71 0.00	40.79 -0.62 0.00	38.70 -0.63 0.00	37.90 -0.58 0.00	37.46 -0.53 0.00	37.32 -0.57 0.00	39.52 -0.64 0.00	42.45 -0.69 0.00	47.84 -0.88 0.00	53.49 -0.76 0.00	57.42 -0.52 0.00	59.81 -0.42 0.00	49.15 -0.60 0.00	42.35 -0.69 0.00	35.16 -0.50 0.00

NM_FRONTIER___DRP 24179	35.34 -0.83 0.00	29.73 -1.73 0.00	27.77 -1.77 0.00	26.69 -1.55 0.00	28.56 -1.95 0.00	32.83 -2.55 0.00	41.05 -4.26 0.00	45.30 -4.98 0.00	41.70 -4.68 0.00	39.61 -4.60 0.00	37.43 -3.98 0.00	35.31 -4.01 0.00	34.48 -4.00 0.00	34.04 -3.95 0.00	33.91 -3.98 0.00	35.55 -4.62 0.00	38.22 -4.92 0.01	41.70 -6.48 0.54	48.22 -6.02 0.01	52.49 -5.45 0.00	55.23 -5.00 0.00	44.37 -5.37 0.00	38.65 -4.39 0.00	33.24 -2.43 0.00
NM_ST_REGIS___HYD 24053	34.72 -1.45 0.00	30.18 -1.29 0.00	28.21 -1.33 0.00	26.89 -1.36 0.00	29.26 -1.25 0.00	34.53 -0.85 0.00	44.45 -0.86 0.00	49.12 -1.16 0.00	44.94 -1.44 0.00	42.93 -1.28 0.00	40.21 -1.20 0.00	38.34 -0.98 0.00	37.48 -1.00 0.00	37.04 -0.95 0.00	36.94 -0.95 0.00	39.08 -1.08 0.00	42.02 -1.12 0.00	47.31 -1.41 0.00	52.57 -1.68 0.00	55.62 -2.32 0.00	57.94 -2.29 0.00	48.35 -1.39 0.00	42.27 -0.77 0.00	34.88 -0.78 0.00
NORTHPORT___1 23551	43.69 2.89 -4.63	37.98 2.52 -4.00	32.65 2.48 -0.63	30.71 2.46 -0.01	32.78 2.26 -0.01	37.69 2.30 -0.01	48.09 2.76 -0.01	53.35 3.07 0.00	49.36 2.97 -0.01	47.23 3.01 -0.01	44.98 2.11 -1.46	44.50 2.08 -3.10	44.11 2.23 -3.41	42.92 2.32 -2.61	46.03 2.16 -5.98	47.50 2.49 -4.84	54.97 2.46 -9.36	66.16 2.97 -14.47	64.60 3.48 -6.87	74.68 4.29 -12.46	78.56 4.34 -13.99	58.92 2.93 -6.24	45.59 2.45 -0.09	41.04 2.53 -2.85
NORTHPORT___2 23552	43.69 2.89 -4.63	37.98 2.52 -4.00	32.65 2.48 -0.63	30.71 2.46 -0.01	32.78 2.26 -0.01	37.69 2.30 -0.01	48.09 2.76 -0.01	53.35 3.07 0.00	49.36 2.97 -0.01	47.23 3.01 -0.01	44.98 2.11 -1.46	44.50 2.08 -3.10	44.11 2.23 -3.41	42.92 2.32 -2.61	46.03 2.16 -5.98	47.50 2.49 -4.84	54.97 2.46 -9.36	66.16 2.97 -14.47	64.60 3.48 -6.87	74.68 4.29 -12.46	78.56 4.34 -13.99	58.92 2.93 -6.24	45.59 2.45 -0.09	41.04 2.53 -2.85
NORTHPORT___3 23553	43.94 3.18 -4.59	38.23 2.80 -3.97	32.88 2.72 -0.62	30.94 2.68 -0.01	33.02 2.50 -0.01	38.01 2.62 -0.01	48.81 3.49 -0.01	54.31 4.02 0.00	50.19 3.80 -0.01	47.98 3.76 -0.01	45.80 2.94 -1.45	45.27 2.87 -3.07	44.82 2.96 -3.38	43.58 3.00 -2.59	46.65 2.92 -5.84	48.13 3.25 -4.72	55.97 3.28 -9.55	66.96 3.90 -14.35	65.32 4.45 -6.62	76.01 5.33 -12.74	79.96 5.42 -14.31	59.60 3.83 -6.03	46.32 3.19 -0.09	41.37 2.89 -2.82
NORTHPORT___4 23650	43.94 3.18 -4.59	38.23 2.80 -3.97	32.88 2.72 -0.62	30.94 2.68 -0.01	33.02 2.50 -0.01	38.01 2.62 -0.01	48.81 3.49 -0.01	54.31 4.02 0.00	50.19 3.80 -0.01	47.98 3.76 -0.01	45.80 2.94 -1.45	45.27 2.87 -3.07	44.82 2.96 -3.38	43.58 3.00 -2.59	46.65 2.92 -5.84	48.13 3.25 -4.72	55.97 3.28 -9.55	66.96 3.90 -14.35	65.32 4.45 -6.62	76.01 5.33 -12.74	79.96 5.42 -14.31	59.60 3.83 -6.03	46.32 3.19 -0.09	41.37 2.89 -2.82
NORTHPORT___IC 23718	43.69 2.89 -4.63	37.98 2.52 -4.00	32.65 2.48 -0.63	30.72 2.46 -0.01	32.72 2.20 -0.01	37.69 2.30 -0.01	48.09 2.76 -0.01	53.35 3.07 0.00	49.36 2.97 -0.01	47.36 3.14 -0.01	45.02 2.15 -1.46	44.51 2.08 -3.10	44.12 2.23 -3.41	42.92 2.32 -2.61	46.26 2.39 -5.98	47.41 2.41 -4.84	54.97 2.46 -9.36	66.21 3.02 -14.47	64.60 3.47 -6.87	74.74 4.35 -12.46	78.38 4.16 -13.99	58.87 2.89 -6.24	45.50 2.37 -0.09	41.04 2.53 -2.85
NORTH___COUNTRY_ESR 323785	35.38 -0.80 0.00	30.77 -0.69 0.00	28.83 -0.71 0.00	27.46 -0.79 0.00	29.87 -0.64 0.00	35.06 -0.32 0.00	45.04 -0.27 0.00	49.93 -0.35 0.00	45.83 -0.55 0.00	43.81 -0.40 0.00	41.08 -0.33 0.00	39.17 -0.16 0.00	38.29 -0.19 0.00	37.84 -0.15 0.00	37.74 -0.15 0.00	39.84 -0.32 0.00	42.84 -0.30 0.00	48.18 -0.53 0.00	53.38 -0.87 0.00	56.38 -1.56 0.00	58.61 -1.62 0.00	48.95 -0.80 0.00	42.79 -0.26 0.00	35.52 -0.14 0.00
NPX_GEN_1385_PROXY 323591	38.47 2.75 0.45	34.88 2.42 -0.99	32.62 2.45 -0.63	30.66 2.40 -0.01	32.72 2.20 -0.01	37.48 2.16 0.06	47.99 2.67 -0.01	53.30 3.02 0.00	43.00 2.78 6.16	38.29 2.87 8.79	35.54 1.99 7.86	34.26 1.97 7.03	33.45 2.11 7.14	33.17 2.20 7.03	34.00 2.01 5.90	35.72 2.33 6.77	38.33 2.29 7.10	45.00 2.78 6.49	51.00 3.31 6.56	53.47 4.11 8.58	55.35 4.10 8.98	44.86 2.78 7.67	45.54 2.41 -0.09	33.16 2.43 4.93
NPX_GEN_CSC 323557	44.39 3.47 -4.75	38.56 2.99 -4.10	33.11 2.92 -0.64	31.14 2.88 -0.01	33.21 2.69 -0.01	38.15 2.76 -0.01	48.90 3.58 -0.01	54.26 3.97 0.00	50.19 3.80 -0.01	47.85 3.63 -0.01	45.60 2.69 -1.50	45.06 2.55 -3.18	44.62 2.65 -3.49	43.33 2.66 -2.68	46.72 2.65 -6.17	48.21 3.05 -5.00	55.85 3.11 -9.60	67.41 3.85 -14.84	66.11 4.72 -7.14	76.39 5.68 -12.77	80.23 5.66 -14.34	60.24 4.03 -6.47	46.45 3.31 -0.09	41.76 3.17 -2.92
NSINS_S_GLNS_FALLS 23858	38.09 1.92 0.00	33.38 1.92 0.00	31.40 1.86 0.00	29.94 1.69 0.00	32.16 1.65 0.00	37.12 1.73 0.00	47.67 2.36 0.00	53.10 2.82 0.00	48.79 2.41 0.00	46.33 2.12 0.00	43.31 1.90 0.00	40.90 1.57 0.00	40.02 1.54 0.00	39.48 1.48 0.00	39.33 1.44 0.00	41.93 1.77 0.00	45.13 1.98 0.00	51.40 2.68 0.00	59.25 3.31 -1.69	61.88 3.94 0.00	64.32 4.10 0.00	52.68 2.94 0.00	45.28 2.24 0.00	37.27 1.60 0.00
NUCOR_STEEL___DRP 24197	36.50 0.33 0.00	31.50 0.03 0.00	29.48 -0.06 0.00	28.22 -0.03 0.00	30.39 -0.12 0.00	35.17 -0.21 0.00	45.04 -0.27 0.00	49.88 -0.40 0.00	45.87 -0.51 0.00	43.64 -0.57 0.00	40.91 -0.50 0.00	38.77 -0.55 0.00	37.98 -0.50 0.00	37.54 -0.46 0.00	37.44 -0.45 0.00	39.64 -0.52 0.00	42.59 -0.56 0.00	48.04 -0.68 0.00	53.77 -0.49 0.00	57.82 -0.12 0.00	60.29 0.06 0.00	49.50 -0.25 0.00	42.70 -0.34 0.00	35.41 -0.25 0.00
NUMBER_THREE_WT_PWR 323818	35.88 -0.29 0.00	31.06 -0.41 0.00	28.83 -0.71 0.00	27.54 -0.71 0.00	29.84 -0.67 0.00	34.81 -0.57 0.00	44.68 -0.63 0.00	49.38 -0.90 0.00	45.22 -1.16 0.00	42.84 -1.37 0.00	40.25 -1.16 0.00	38.22 -1.10 0.00	37.40 -1.08 0.00	37.01 -0.99 0.00	37.02 -0.87 0.00	39.32 -0.85 0.00	42.28 -0.86 0.00	47.94 -0.78 0.00	53.60 -0.65 0.00	57.65 -0.29 0.00	60.29 0.06 0.00	49.70 -0.05 0.00	43.00 -0.04 0.00	35.31 -0.36 0.00
NYISO_LBMP_REFERENCE 24008	36.17 0.00 0.00	31.47 0.00 0.00	29.54 0.00 0.00	28.25 0.00 0.00	30.51 0.00 0.00	35.38 0.00 0.00	45.31 0.00 0.00	50.28 0.00 0.00	46.38 0.00 0.00	44.21 0.00 0.00	41.41 0.00 0.00	39.33 0.00 0.00	38.48 0.00 0.00	37.99 0.00 0.00	37.89 0.00 0.00	40.17 0.00 0.00	43.14 0.00 0.00	48.72 0.00 0.00	54.25 0.00 0.00	57.94 0.00 0.00	60.23 0.00 0.00	49.75 0.00 0.00	43.04 0.00 0.00	35.66 0.00 0.00
NYPA_BRENTWD____GT 24164	44.40 3.36 -4.87	38.60 2.93 -4.21	33.04 2.84 -0.66	31.03 2.77 -0.01	33.15 2.62 -0.01	38.08 2.69 -0.01	48.76 3.44 -0.01	54.16 3.87 0.00	50.10 3.71 -0.01	47.85 3.63 -0.01	45.68 2.73 -1.54	45.26 2.68 -3.26	44.83 2.77 -3.58	43.55 2.81 -2.74	47.06 2.73 -6.44	48.48 3.09 -5.22	56.13 3.15 -9.84	67.69 3.75 -15.22	66.29 4.45 -7.59	76.42 5.39 -13.09	80.35 5.42 -14.70	60.40 3.83 -6.82	46.32 3.19 -0.09	41.69 3.03 -2.99

NYPA_GOWANUS____GT5 24156	38.72 2.53 -0.02	33.89 2.42 0.00	31.87 2.33 0.00	30.48 2.23 0.00	32.52 2.01 0.00	37.36 1.98 0.00	48.15 2.81 -0.03	53.30 3.02 0.00	49.86 3.48 0.00	47.67 3.40 -0.06	44.53 3.06 -0.06	46.20 3.11 -3.77	51.79 3.12 -10.20	53.10 3.15 -11.95	52.47 3.18 -11.39	51.80 3.33 -8.31	51.00 3.37 -4.49	52.45 3.70 -0.03	58.52 3.74 -0.53	62.46 4.52 0.00	64.75 4.52 0.00	53.52 3.38 -0.39	45.86 2.76 -0.06	38.00 2.32 -0.02
NYPA_GOWANUS____GT6 24157	38.72 2.53 -0.02	33.89 2.42 0.00	31.87 2.33 0.00	30.48 2.23 0.00	32.52 2.01 0.00	37.36 1.98 0.00	48.15 2.81 -0.03	53.30 3.02 0.00	49.86 3.48 0.00	47.67 3.40 -0.06	44.53 3.06 -0.06	46.20 3.11 -3.77	51.79 3.12 -10.20	53.10 3.15 -11.95	52.47 3.18 -11.39	51.80 3.33 -8.31	51.00 3.37 -4.49	52.45 3.70 -0.03	58.52 3.74 -0.53	62.46 4.52 0.00	64.75 4.52 0.00	53.52 3.38 -0.39	45.86 2.76 -0.06	38.00 2.32 -0.02
NYPA_HARLEM__RVR__GT1 24160	38.89 2.71 0.00	33.92 2.46 0.00	32.09 2.54 -0.01	30.69 2.43 -0.01	32.56 2.04 0.00	37.12 1.73 0.00	47.89 2.58 0.01	53.24 2.97 0.01	49.57 3.20 0.01	47.39 3.19 0.01	44.22 2.82 0.01	42.11 2.79 0.01	41.28 2.81 0.01	40.84 2.85 0.01	41.28 2.84 -0.54	43.62 2.97 -0.48	46.13 2.97 -0.02	52.39 3.66 -0.01	58.89 3.36 -1.27	62.01 4.05 -0.02	64.28 4.04 -0.02	53.59 2.93 -0.91	45.63 2.58 0.00	37.77 2.10 0.00
NYPA_HARLEM__RVR__GT2 24161	38.89 2.71 0.00	33.92 2.46 0.00	32.09 2.54 -0.01	30.69 2.43 -0.01	32.56 2.04 0.00	37.12 1.73 0.00	47.89 2.58 0.01	53.24 2.97 0.01	49.57 3.20 0.01	47.39 3.19 0.01	44.22 2.82 0.01	42.11 2.79 0.01	41.28 2.81 0.01	40.84 2.85 0.01	41.28 2.84 -0.54	43.62 2.97 -0.48	46.13 2.97 -0.02	52.39 3.66 -0.01	58.89 3.36 -1.27	62.01 4.05 -0.02	64.28 4.04 -0.02	53.59 2.93 -0.91	45.63 2.58 0.00	37.77 2.10 0.00
NYPA_KENT____GT 24152	38.64 2.46 -0.01	33.83 2.36 0.00	31.84 2.31 0.00	30.45 2.20 0.00	32.49 1.98 0.00	37.29 1.91 0.00	48.09 2.76 -0.02	53.35 3.07 0.00	49.86 3.48 0.00	47.65 3.40 -0.03	44.50 3.06 -0.03	44.59 3.11 -2.16	47.43 3.12 -5.84	47.99 3.15 -6.84	47.56 3.14 -6.52	48.22 3.29 -4.76	49.04 3.32 -2.57	52.40 3.66 -0.02	58.56 3.74 -0.56	62.40 4.46 0.00	64.75 4.52 0.00	53.44 3.28 -0.41	45.83 2.76 -0.03	37.96 2.28 -0.01
NYPA_POUCH1____GT 24155	38.76 2.57 -0.02	33.92 2.46 0.00	31.90 2.36 0.00	30.51 2.26 0.00	32.56 2.04 0.00	37.36 1.98 0.00	48.11 2.76 -0.03	53.10 2.81 0.00	49.77 3.38 0.00	47.45 3.19 -0.06	44.32 2.85 -0.06	46.04 2.95 -3.77	51.64 2.96 -10.20	52.94 3.00 -11.95	52.28 2.99 -11.39	51.64 3.17 -8.31	50.82 3.19 -4.49	52.31 3.55 -0.03	58.36 3.58 -0.52	62.23 4.29 0.00	64.57 4.34 0.00	53.42 3.28 -0.39	45.68 2.58 -0.06	38.04 2.35 -0.02
NYPA_VERNON____GT2 24162	38.56 2.39 0.00	33.76 2.30 0.00	31.78 2.24 0.00	30.39 2.15 0.00	32.43 1.92 0.00	37.26 1.87 0.00	48.04 2.72 0.00	53.35 3.07 0.00	49.81 3.43 0.00	47.58 3.36 -0.01	44.44 3.02 -0.01	42.94 3.07 -0.55	43.07 3.12 -1.48	42.84 3.12 -1.73	42.69 3.14 -1.65	44.66 3.29 -1.20	47.12 3.32 -0.65	52.38 3.66 -0.01	58.54 3.69 -0.59	62.40 4.46 0.00	64.69 4.46 0.00	53.40 3.23 -0.43	45.81 2.76 -0.01	37.88 2.21 0.00
NYPA_VERNON____GT3 24163	38.56 2.39 0.00	33.76 2.30 0.00	31.78 2.24 0.00	30.39 2.15 0.00	32.43 1.92 0.00	37.26 1.87 0.00	48.04 2.72 0.00	53.35 3.07 0.00	49.81 3.43 0.00	47.58 3.36 -0.01	44.44 3.02 -0.01	42.94 3.07 -0.55	43.07 3.12 -1.48	42.84 3.12 -1.73	42.69 3.14 -1.65	44.66 3.29 -1.20	47.12 3.32 -0.65	52.38 3.66 -0.01	58.54 3.69 -0.59	62.40 4.46 0.00	64.69 4.46 0.00	53.40 3.23 -0.43	45.81 2.76 -0.01	37.88 2.21 0.00
NYPA____ASTORIA_CC1 323568	38.52 2.35 0.00	33.73 2.27 0.00	31.75 2.22 0.00	30.37 2.12 0.00	32.40 1.89 0.00	37.22 1.84 0.00	47.98 2.67 0.00	53.25 2.97 0.00	49.77 3.38 0.00	47.53 3.32 0.00	44.39 2.98 0.00	42.35 3.03 0.00	41.56 3.08 0.00	41.07 3.08 0.00	41.00 3.11 0.00	43.42 3.25 0.00	46.38 3.24 0.00	52.28 3.55 -0.01	58.58 3.58 -0.75	62.23 4.29 -0.01	64.57 4.34 -0.01	53.42 3.14 -0.54	45.71 2.67 0.00	37.84 2.18 0.00
NYPA____ASTORIA_CC2 323569	38.52 2.35 0.00	33.73 2.27 0.00	31.75 2.22 0.00	30.37 2.12 0.00	32.40 1.89 0.00	37.22 1.84 0.00	47.98 2.67 0.00	53.25 2.97 0.00	49.77 3.38 0.00	47.53 3.32 0.00	44.39 2.98 0.00	42.35 3.03 0.00	41.56 3.08 0.00	41.07 3.08 0.00	41.00 3.11 0.00	43.42 3.25 0.00	46.38 3.24 0.00	52.28 3.55 -0.01	58.58 3.58 -0.75	62.23 4.29 -0.01	64.57 4.34 -0.01	53.42 3.14 -0.54	45.71 2.67 0.00	37.84 2.18 0.00
NYPA____HOLTSVILL 23794	44.12 3.22 -4.73	38.36 2.80 -4.09	32.93 2.75 -0.64	30.94 2.68 -0.01	33.02 2.50 -0.01	37.97 2.58 -0.01	48.54 3.22 -0.01	53.86 3.57 0.00	49.82 3.43 -0.01	47.58 3.36 -0.01	45.39 2.48 -1.49	44.89 2.40 -3.17	44.50 2.54 -3.49	43.25 2.58 -2.67	46.50 2.46 -6.15	48.00 2.85 -4.98	55.57 2.85 -9.58	66.98 3.46 -14.81	65.48 4.12 -7.11	75.72 5.04 -12.74	79.60 5.06 -14.31	59.72 3.53 -6.44	46.06 2.93 -0.09	41.50 2.93 -2.91
NYPA____HELLGATE_GT1 24158	38.89 2.71 0.00	33.92 2.46 0.00	32.09 2.54 -0.01	30.69 2.43 -0.01	32.56 2.04 0.00	37.12 1.73 0.00	47.89 2.58 0.01	53.24 2.97 0.01	49.57 3.20 0.01	47.39 3.19 0.01	44.22 2.82 0.01	42.11 2.79 0.01	41.28 2.81 0.01	40.84 2.85 0.01	41.28 2.84 -0.54	43.62 2.97 -0.48	46.13 2.97 -0.02	52.39 3.66 -0.01	58.89 3.36 -1.27	62.01 4.05 -0.02	64.28 4.04 -0.02	53.59 2.93 -0.91	45.63 2.58 0.00	37.77 2.10 0.00
NYPA____HELLGATE_GT2 24159	38.89 2.71 0.00	33.92 2.46 0.00	32.09 2.54 -0.01	30.69 2.43 -0.01	32.56 2.04 0.00	37.12 1.73 0.00	47.89 2.58 0.01	53.24 2.97 0.01	49.57 3.20 0.01	47.39 3.19 0.01	44.22 2.82 0.01	42.11 2.79 0.01	41.28 2.81 0.01	40.84 2.85 0.01	41.28 2.84 -0.54	43.62 2.97 -0.48	46.13 2.97 -0.02	52.39 3.66 -0.01	58.89 3.36 -1.27	62.01 4.05 -0.02	64.28 4.04 -0.02	53.59 2.93 -0.91	45.63 2.58 0.00	37.77 2.10 0.00
NYS_BARGE____HYD 23848	36.03 -0.14 0.00	30.17 -1.29 0.00	28.15 -1.39 0.00	27.06 -1.19 0.00	29.02 -1.49 0.00	33.33 -2.05 0.00	41.69 -3.63 0.00	46.11 -4.17 0.00	42.39 -3.99 0.00	40.23 -3.98 0.00	38.14 -3.27 0.00	35.83 -3.50 0.00	34.98 -3.50 0.00	34.54 -3.46 0.00	34.41 -3.49 0.00	36.11 -4.06 0.00	38.82 -4.31 0.01	42.98 -5.21 0.53	48.98 -5.26 0.01	53.42 -4.52 0.00	55.77 -4.46 0.00	45.17 -4.58 0.00	39.25 -3.79 0.00	33.77 -1.89 0.00
OAK ORCHARD____HYD 24046	36.43 0.25 0.00	30.87 -0.60 0.00	28.89 -0.65 0.00	27.65 -0.59 0.00	29.75 -0.76 0.00	34.32 -1.06 0.00	43.45 -1.86 0.00	48.17 -2.11 0.00	44.34 -2.04 0.00	42.18 -2.03 0.00	39.75 -1.66 0.00	37.60 -1.73 0.00	36.71 -1.77 0.00	36.28 -1.71 0.00	36.15 -1.74 0.00	38.12 -2.05 0.00	40.94 -2.20 0.01	45.79 -2.92 0.00	51.42 -2.82 0.01	55.80 -2.14 0.00	58.18 -2.05 0.00	47.41 -2.34 0.00	41.02 -2.02 0.00	34.70 -0.96 0.00

OAKDALE___35_KV_LOAD 356122	36.79 0.61 0.00	31.81 0.35 0.00	29.80 0.27 0.00	28.56 0.31 0.00	30.66 0.15 0.00	35.38 0.00 0.00	45.18 -0.14 0.00	50.08 -0.20 0.00	46.15 -0.23 0.00	43.90 -0.31 0.00	41.20 -0.21 0.00	39.05 -0.28 0.00	38.25 -0.23 0.00	37.77 -0.23 0.00	37.66 -0.23 0.00	39.88 -0.28 0.00	42.75 -0.39 0.01	48.53 -0.19 -0.01	53.98 -0.27 0.01	58.23 0.29 0.00	60.71 0.48 0.00	49.65 -0.10 0.00	42.83 -0.22 0.00	35.70 0.04 0.00
OCC_CHEM___DRP 24175	35.48 -0.69 0.00	29.83 -1.64 0.00	27.85 -1.68 0.00	26.78 -1.47 0.00	28.65 -1.86 0.00	32.94 -2.44 0.00	41.19 -4.12 0.00	45.45 -4.83 0.00	41.84 -4.55 0.00	39.75 -4.47 0.00	37.56 -3.85 0.00	35.43 -3.89 0.00	34.55 -3.92 0.00	34.16 -3.84 0.00	34.03 -3.87 0.00	35.67 -4.50 0.00	38.35 -4.79 0.01	41.85 -6.33 0.53	48.33 -5.91 0.01	52.67 -5.27 0.00	55.41 -4.82 0.00	44.52 -5.22 0.00	38.82 -4.22 0.00	33.35 -2.32 0.00
OH_GEN_PROXY 24063	35.59 -0.58 0.00	30.02 -1.45 0.00	28.06 -1.48 0.00	26.95 -1.30 0.00	28.92 -1.59 0.00	33.22 -2.16 0.00	41.55 -3.76 0.00	45.91 -4.37 0.00	42.21 -4.17 0.00	40.15 -4.07 0.00	38.06 -3.35 0.00	35.79 -3.54 0.00	34.90 -3.58 0.00	34.50 -3.49 0.00	34.37 -3.52 0.00	36.07 -4.10 0.00	38.73 -4.40 0.01	42.90 -5.31 0.51	48.82 -5.42 0.01	53.13 -4.81 0.00	55.47 -4.76 0.00	44.87 -4.87 0.00	39.04 -4.00 0.00	33.56 -2.10 0.00
OLIN_CORP_DRP 24177	35.41 -0.76 0.00	29.73 -1.73 0.00	27.77 -1.77 0.00	26.69 -1.55 0.00	28.56 -1.95 0.00	32.87 -2.51 0.00	41.10 -4.21 0.00	45.35 -4.93 0.00	41.74 -4.64 0.00	39.61 -4.60 0.00	37.47 -3.93 0.00	35.31 -4.01 0.00	34.48 -4.00 0.00	34.04 -3.95 0.00	33.91 -3.98 0.00	35.59 -4.58 0.00	38.26 -4.88 0.01	42.17 -5.94 0.60	48.28 -5.97 0.01	52.61 -5.33 0.00	55.35 -4.88 0.00	44.47 -5.27 0.00	38.74 -4.30 0.00	33.27 -2.39 0.00
OLIN_CORP_DSASP 323712	35.48 -0.69 0.00	29.83 -1.64 0.00	27.86 -1.68 0.00	26.78 -1.47 0.00	28.71 -1.80 0.00	32.94 -2.44 0.00	41.19 -4.12 0.00	45.45 -4.83 0.00	41.84 -4.54 0.00	39.75 -4.46 0.00	37.72 -3.69 0.00	35.43 -3.89 0.00	34.55 -3.93 0.00	34.16 -3.84 0.00	34.03 -3.87 0.00	35.67 -4.50 0.00	38.35 -4.79 0.01	42.34 -5.85 0.53	48.28 -5.97 0.01	52.61 -5.33 0.00	54.87 -5.36 0.00	44.42 -5.32 0.00	38.65 -4.39 0.00	33.35 -2.32 0.00
ONEIDA_HERK_LFGE 323681	36.57 0.40 0.00	31.72 0.25 0.00	29.63 0.09 0.00	28.33 0.08 0.00	30.63 0.12 0.00	35.60 0.21 0.00	45.63 0.32 0.00	50.53 0.25 0.00	46.43 0.05 0.00	44.08 -0.13 0.00	41.33 -0.08 0.00	39.21 -0.12 0.00	38.36 -0.12 0.00	37.92 -0.08 0.00	37.85 -0.04 0.00	40.21 0.04 0.00	43.23 0.09 0.00	48.96 0.24 0.00	54.68 0.43 0.00	58.75 0.81 0.00	61.31 1.09 0.00	50.49 0.75 0.00	43.60 0.56 0.00	35.92 0.25 0.00
ONEIDA___115KV_TB4 55905	37.15 0.98 0.00	32.19 0.72 0.00	30.13 0.59 0.00	28.84 0.59 0.00	31.12 0.61 0.00	36.09 0.71 0.00	46.22 0.91 0.00	51.19 0.91 0.00	47.08 0.70 0.00	44.65 0.44 0.00	41.86 0.46 0.00	39.68 0.35 0.00	38.79 0.31 0.00	38.34 0.34 0.00	38.31 0.42 0.00	40.69 0.52 0.00	43.66 0.52 0.00	49.50 0.78 0.00	55.28 1.03 0.00	59.50 1.56 0.00	62.10 1.87 0.00	50.99 1.24 0.00	43.99 0.95 0.00	36.27 0.61 0.00
ONONDAGA_REF_OCCRA 23987	36.32 0.14 0.00	31.40 -0.06 0.00	29.42 -0.12 0.00	28.19 -0.06 0.00	30.33 -0.18 0.00	35.06 -0.32 0.00	44.90 -0.41 0.00	49.78 -0.50 0.00	45.87 -0.51 0.00	43.64 -0.57 0.00	40.91 -0.50 0.00	38.81 -0.51 0.00	38.02 -0.46 0.00	37.58 -0.42 0.00	37.44 -0.45 0.00	39.68 -0.48 0.00	42.58 -0.56 0.00	48.08 -0.63 0.00	53.71 -0.54 0.00	57.71 -0.23 0.00	60.17 -0.06 0.00	49.40 -0.35 0.00	42.57 -0.47 0.00	35.34 -0.32 0.00
ONONDAGA___COGEN 23986	36.24 0.07 0.00	31.31 -0.16 0.00	29.33 -0.21 0.00	28.08 -0.17 0.00	30.24 -0.27 0.00	34.96 -0.42 0.00	44.81 -0.50 0.00	49.63 -0.65 0.00	45.73 -0.65 0.00	43.55 -0.66 0.00	40.83 -0.58 0.00	38.74 -0.59 0.00	37.94 -0.54 0.00	37.50 -0.49 0.00	37.36 -0.53 0.00	39.60 -0.56 0.00	42.50 -0.65 0.00	47.94 -0.78 0.00	53.55 -0.71 0.00	57.53 -0.41 0.00	59.93 -0.30 0.00	49.25 -0.50 0.00	42.48 -0.56 0.00	35.24 -0.43 0.00
ONTARIO___LFGE 23819	37.00 0.83 0.00	31.59 0.13 0.00	29.57 0.03 0.00	28.30 0.06 0.00	30.48 -0.03 0.00	35.21 -0.18 0.00	44.90 -0.41 0.00	49.78 -0.50 0.00	45.64 -0.74 0.00	43.33 -0.88 0.00	40.70 -0.70 0.00	38.46 -0.87 0.00	37.63 -0.85 0.00	37.23 -0.76 0.00	37.06 -0.83 0.00	39.20 -0.96 0.00	42.10 -1.04 0.01	47.96 -1.12 -0.37	53.10 -1.14 0.01	57.47 -0.47 0.00	59.99 -0.24 0.00	49.30 -0.45 0.00	42.44 -0.60 0.00	35.52 -0.14 0.00
ORANGEVILLE_WT_PWR 323706	36.57 0.40 0.00	30.80 -0.66 0.00	28.77 -0.77 0.00	27.57 -0.68 0.00	29.57 -0.95 0.00	33.97 -1.42 0.00	42.68 -2.63 0.00	47.16 -3.12 0.00	43.09 -3.29 0.00	40.72 -3.49 0.00	38.51 -2.90 0.00	36.18 -3.15 0.00	35.28 -3.19 0.00	34.88 -3.11 0.00	34.71 -3.18 0.00	36.59 -3.57 0.00	39.29 -3.84 0.01	42.16 -4.24 2.32	50.01 -4.23 0.01	54.75 -3.19 0.00	57.40 -2.83 0.00	46.66 -3.08 0.00	40.42 -2.63 0.00	34.56 -1.11 0.00
ORANGEVILLE___ESR 323794	36.57 0.40 0.00	30.80 -0.66 0.00	28.77 -0.77 0.00	27.57 -0.68 0.00	29.57 -0.95 0.00	33.97 -1.42 0.00	42.68 -2.63 0.00	47.16 -3.12 0.00	43.09 -3.29 0.00	40.72 -3.49 0.00	38.51 -2.90 0.00	36.18 -3.15 0.00	35.28 -3.19 0.00	34.88 -3.11 0.00	34.71 -3.18 0.00	36.59 -3.57 0.00	39.29 -3.84 0.01	42.16 -4.24 2.32	50.01 -4.23 0.01	54.75 -3.19 0.00	57.40 -2.83 0.00	46.66 -3.08 0.00	40.42 -2.63 0.00	34.56 -1.11 0.00
OSWEGATCHIE___HYD 24044	34.83 -1.34 0.00	30.24 -1.23 0.00	28.18 -1.36 0.00	26.89 -1.36 0.00	29.20 -1.31 0.00	34.29 -1.10 0.00	44.04 -1.27 0.00	48.67 -1.61 0.00	44.52 -1.86 0.00	42.31 -1.90 0.00	39.67 -1.74 0.00	37.75 -1.57 0.00	36.90 -1.58 0.00	36.47 -1.52 0.00	36.45 -1.44 0.00	38.64 -1.53 0.00	41.55 -1.60 0.00	46.97 -1.75 0.00	52.41 -1.84 0.00	56.03 -1.91 0.00	58.48 -1.75 0.00	48.45 -1.29 0.00	42.10 -0.95 0.00	34.63 -1.04 0.00
OSWEGO___5 23606	35.59 -0.58 0.00	30.84 -0.63 0.00	28.89 -0.65 0.00	27.68 -0.56 0.00	29.81 -0.70 0.00	34.50 -0.88 0.00	44.09 -1.22 0.00	48.87 -1.41 0.00	45.03 -1.35 0.00	42.89 -1.33 0.00	40.21 -1.20 0.00	38.18 -1.14 0.00	37.36 -1.12 0.00	36.89 -1.10 0.00	36.79 -1.10 0.00	39.00 -1.17 0.00	41.85 -1.29 0.00	47.26 -1.46 0.00	52.68 -1.58 0.00	56.49 -1.45 0.00	58.78 -1.45 0.00	48.40 -1.34 0.00	41.79 -1.25 0.00	34.70 -0.96 0.00
OSWEGO___6 23613	35.59 -0.58 0.00	30.84 -0.63 0.00	28.89 -0.65 0.00	27.68 -0.56 0.00	29.81 -0.70 0.00	34.50 -0.88 0.00	44.09 -1.22 0.00	48.87 -1.41 0.00	45.03 -1.35 0.00	42.89 -1.33 0.00	40.21 -1.20 0.00	38.18 -1.14 0.00	37.36 -1.12 0.00	36.89 -1.10 0.00	36.79 -1.10 0.00	39.00 -1.17 0.00	41.85 -1.29 0.00	47.26 -1.46 0.00	52.68 -1.58 0.00	56.49 -1.45 0.00	58.78 -1.45 0.00	48.40 -1.34 0.00	41.79 -1.25 0.00	34.70 -0.96 0.00

OUTOKUMPU-AB___DRP 24206	36.50 0.33 0.00	30.46 -1.01 0.00	28.42 -1.12 0.00	27.32 -0.93 0.00	29.23 -1.28 0.00	33.65 -1.73 0.00	42.05 -3.26 0.00	46.56 -3.72 0.00	42.86 -3.52 0.00	40.63 -3.58 0.00	38.43 -2.98 0.00	36.22 -3.11 0.00	35.36 -3.12 0.00	34.92 -3.08 0.00	34.79 -3.11 0.00	36.51 -3.66 0.00	39.21 -3.93 0.01	43.32 -4.82 0.57	49.52 -4.72 0.01	54.06 -3.88 0.00	56.86 -3.37 0.00	45.77 -3.98 0.00	39.81 -3.23 0.00	34.13 -1.53 0.00
OXBOW___BTM 323836	36.06 -0.11 0.00	30.21 -1.26 0.00	28.18 -1.36 0.00	27.09 -1.16 0.00	29.05 -1.46 0.00	33.37 -2.02 0.00	41.69 -3.63 0.00	46.11 -4.17 0.00	42.44 -3.94 0.00	40.23 -3.98 0.00	38.22 -3.19 0.00	35.90 -3.42 0.00	35.01 -3.46 0.00	34.61 -3.38 0.00	34.48 -3.41 0.00	36.15 -4.02 0.00	38.86 -4.27 0.01	43.00 -5.17 0.55	48.98 -5.26 0.01	53.42 -4.52 0.00	55.71 -4.52 0.00	45.12 -4.62 0.00	39.25 -3.79 0.00	33.77 -1.89 0.00
OXBOW___ 24026	36.06 -0.11 0.00	30.18 -1.29 0.00	28.18 -1.36 0.00	27.09 -1.16 0.00	28.99 -1.53 0.00	33.33 -2.05 0.00	41.69 -3.62 0.00	46.06 -4.22 0.00	42.44 -3.94 0.00	40.23 -3.98 0.00	38.10 -3.31 0.00	35.90 -3.42 0.00	35.01 -3.46 0.00	34.61 -3.38 0.00	34.48 -3.41 0.00	36.15 -4.02 0.00	38.86 -4.27 0.01	42.66 -5.51 0.55	49.04 -5.21 0.01	53.48 -4.46 0.00	56.25 -3.98 0.00	45.22 -4.53 0.00	39.38 -3.66 0.00	33.77 -1.89 0.00
OXY_CHEM_DSASP 323612	35.48 -0.69 0.00	29.83 -1.64 0.00	27.85 -1.68 0.00	26.78 -1.47 0.00	28.65 -1.86 0.00	32.94 -2.44 0.00	41.19 -4.12 0.00	45.45 -4.83 0.00	41.84 -4.55 0.00	39.75 -4.47 0.00	37.56 -3.85 0.00	35.43 -3.89 0.00	34.55 -3.92 0.00	34.16 -3.84 0.00	34.03 -3.87 0.00	35.67 -4.50 0.00	38.35 -4.79 0.01	41.85 -6.33 0.53	48.33 -5.91 0.01	52.67 -5.27 0.00	55.41 -4.82 0.00	44.52 -5.22 0.00	38.82 -4.22 0.00	33.35 -2.32 0.00
OZONE_PARK_ESR 323760	38.81 2.64 0.00	33.92 2.45 0.00	31.93 2.39 0.00	30.54 2.29 0.00	32.56 2.04 0.00	37.51 2.12 0.00	48.39 3.08 0.00	53.85 3.57 0.00	50.14 3.76 0.00	47.88 3.67 0.00	44.72 3.31 0.00	42.59 3.26 0.00	41.75 3.27 0.00	41.26 3.27 0.00	41.42 3.30 -0.23	43.82 3.45 -0.20	46.65 3.49 -0.01	52.82 4.09 -0.01	59.10 4.29 -0.56	63.11 5.16 -0.01	65.30 5.06 -0.01	53.83 3.68 -0.40	46.06 3.01 0.00	38.09 2.43 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	35.48 -0.69 0.00	29.83 -1.64 0.00	27.85 -1.68 0.00	26.78 -1.47 0.00	28.65 -1.86 0.00	32.94 -2.44 0.00	41.19 -4.12 0.00	45.45 -4.83 0.00	41.84 -4.55 0.00	39.75 -4.47 0.00	37.56 -3.85 0.00	35.43 -3.89 0.00	34.55 -3.92 0.00	34.16 -3.84 0.00	34.03 -3.87 0.00	35.67 -4.50 0.00	38.35 -4.79 0.01	41.85 -6.33 0.53	48.33 -5.91 0.01	52.67 -5.27 0.00	55.41 -4.82 0.00	44.52 -5.22 0.00	38.82 -4.22 0.00	33.35 -2.32 0.00
PACKARD___115KV_DUPONT_184 80571	35.48 -0.69 0.00	29.83 -1.64 0.00	27.85 -1.68 0.00	26.78 -1.47 0.00	28.65 -1.86 0.00	32.94 -2.44 0.00	41.19 -4.12 0.00	45.45 -4.83 0.00	41.84 -4.55 0.00	39.75 -4.47 0.00	37.56 -3.85 0.00	35.43 -3.89 0.00	34.55 -3.92 0.00	34.16 -3.84 0.00	34.03 -3.87 0.00	35.67 -4.50 0.00	38.35 -4.79 0.01	41.85 -6.33 0.53	48.33 -5.91 0.01	52.67 -5.27 0.00	55.41 -4.82 0.00	44.52 -5.22 0.00	38.82 -4.22 0.00	33.35 -2.32 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	38.92 2.75 0.00	33.95 2.49 0.00	32.11 2.57 0.00	30.71 2.46 0.00	32.53 2.01 0.00	37.12 1.73 0.00	47.89 2.58 0.00	53.25 2.97 0.00	49.58 3.20 0.00	47.35 3.14 0.00	44.18 2.77 0.00	42.08 2.75 0.00	41.25 2.77 0.00	40.77 2.77 0.00	41.16 2.80 -0.47	43.55 2.97 -0.41	45.97 2.80 -0.02	52.29 3.56 -0.01	58.69 3.36 -1.07	62.01 4.06 -0.01	64.16 3.91 -0.01	53.45 2.94 -0.77	45.54 2.50 0.00	37.80 2.14 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	39.21 3.04 0.00	34.20 2.74 0.00	32.31 2.78 0.00	30.93 2.68 0.00	32.77 2.26 0.00	37.40 2.02 0.00	48.26 2.95 0.00	53.65 3.37 0.00	49.95 3.57 0.00	47.66 3.45 0.00	44.43 3.02 0.00	42.31 2.99 0.00	41.48 3.00 0.00	40.99 3.00 0.00	41.35 2.99 -0.47	43.79 3.21 -0.41	46.23 3.06 -0.02	52.58 3.85 -0.01	59.07 3.74 -1.07	62.41 4.46 -0.01	64.58 4.34 -0.01	53.80 3.28 -0.77	45.84 2.80 0.00	38.05 2.39 0.00
PATROON___115KV_TB1 80586	37.00 0.83 0.00	32.50 1.04 0.00	30.57 1.03 0.00	29.21 0.96 0.00	31.34 0.82 0.00	36.09 0.71 0.00	46.17 0.86 0.00	51.49 1.21 0.00	47.45 1.07 0.00	45.27 1.06 0.00	42.40 0.99 0.00	40.19 0.87 0.00	39.40 0.92 0.00	38.68 0.68 0.00	38.57 0.68 0.00	41.09 0.92 0.00	44.01 0.86 0.00	49.84 1.12 0.00	54.27 1.30 1.29	59.85 1.91 0.00	62.04 1.81 0.00	50.89 1.14 0.00	43.90 0.86 0.00	36.27 0.61 0.00
PATTRSNVILLE___SOLAR 323815	37.73 1.55 0.00	33.01 1.54 0.00	31.01 1.48 0.00	29.63 1.38 0.00	31.82 1.31 0.00	36.73 1.34 0.00	47.08 1.77 0.00	52.24 1.96 0.00	48.00 1.62 0.00	45.67 1.46 0.00	42.73 1.32 0.00	40.50 1.18 0.00	39.63 1.15 0.00	39.13 1.14 0.00	38.99 1.10 0.00	41.45 1.28 0.00	44.52 1.38 0.00	50.57 1.85 0.00	57.68 2.38 -1.04	60.89 2.95 0.00	63.36 3.13 0.00	51.99 2.24 0.00	44.81 1.77 0.00	36.95 1.28 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	36.53 0.36 0.00	30.55 -0.91 0.00	28.53 -1.00 0.00	27.43 -0.82 0.00	29.32 -1.19 0.00	33.75 -1.63 0.00	42.32 -2.99 0.00	46.86 -3.42 0.00	43.09 -3.29 0.00	40.81 -3.40 0.00	38.63 -2.77 0.00	36.42 -2.91 0.00	35.59 -2.89 0.00	35.14 -2.85 0.00	35.01 -2.88 0.00	36.75 -3.41 0.00	39.38 -3.75 0.01	45.61 -2.63 0.48	49.79 -4.45 0.01	54.52 -3.42 0.00	57.34 -2.89 0.00	46.11 -3.63 0.00	40.03 -3.01 0.00	34.27 -1.39 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	38.38 2.21 0.00	33.61 2.14 0.00	31.61 2.07 0.00	30.23 1.98 0.00	32.28 1.77 0.00	37.26 1.88 0.00	47.89 2.58 0.00	53.25 2.97 0.00	49.40 3.01 0.00	47.00 2.79 0.00	43.93 2.53 0.00	41.72 2.40 0.00	40.90 2.42 0.00	40.42 2.43 0.00	40.36 2.46 0.00	42.86 2.69 0.00	45.86 2.72 0.00	52.18 3.46 0.00	58.00 3.74 0.00	62.52 4.58 0.00	64.63 4.40 0.00	52.93 3.18 0.00	45.58 2.54 0.00	37.66 2.00 0.00
PEEKSKILL___ 23653	38.20 2.02 0.00	33.45 1.98 0.00	31.49 1.95 0.00	30.11 1.86 0.00	32.19 1.68 0.00	37.05 1.66 0.00	47.67 2.35 0.00	52.99 2.71 0.00	49.21 2.83 0.00	46.95 2.74 0.00	43.89 2.48 0.00	41.76 2.44 0.00	40.94 2.46 0.00	40.46 2.47 0.00	40.35 2.46 0.00	42.82 2.65 0.00	45.82 2.68 0.00	51.88 3.16 0.00	57.62 3.36 0.00	62.11 4.17 0.00	64.44 4.21 0.00	52.63 2.88 0.00	45.41 2.37 0.00	37.52 1.85 0.00
PGE MADISON___WINDPWR 24146	40.29 4.12 0.00	34.86 3.40 0.00	32.55 3.01 0.00	31.21 2.97 0.00	33.81 3.30 0.00	39.34 3.96 0.00	50.43 5.12 0.00	55.61 5.33 0.00	50.74 4.36 0.00	47.44 3.23 0.00	44.23 2.82 0.00	41.65 2.32 0.00	40.59 2.11 0.00	40.08 2.09 0.00	40.17 2.27 0.00	42.82 2.65 0.00	46.10 2.94 -0.02	52.75 3.90 -0.14	59.32 5.05 -0.02	64.54 6.60 0.00	67.82 7.59 0.00	55.41 5.67 0.00	47.60 4.56 0.00	38.94 3.28 0.00

PIERCEFIELD___HYD 23852	34.43 -1.74 0.00	29.96 -1.51 0.00	27.97 -1.57 0.00	26.69 -1.55 0.00	29.05 -1.46 0.00	34.29 -1.10 0.00	44.13 -1.18 0.00	48.72 -1.56 0.00	44.57 -1.81 0.00	42.58 -1.64 0.00	39.88 -1.53 0.00	38.03 -1.30 0.00	37.13 -1.35 0.00	36.70 -1.29 0.00	36.64 -1.25 0.00	38.76 -1.41 0.00	41.68 -1.47 0.00	46.92 -1.80 0.00	52.19 -2.06 0.00	55.22 -2.72 0.00	57.52 -2.71 0.00	48.00 -1.74 0.00	41.97 -1.08 0.00	34.59 -1.07 0.00
PINELAWN_CC_1 323563	44.97 3.26 -5.54	39.09 2.83 -4.79	33.07 2.78 -0.75	30.94 2.68 -0.01	33.05 2.53 -0.01	38.01 2.62 -0.01	48.77 3.44 -0.01	54.16 3.87 0.00	50.10 3.71 -0.01	47.80 3.58 -0.01	45.93 2.77 -1.75	45.71 2.68 -3.71	45.33 2.77 -4.08	43.93 2.81 -3.12	48.10 2.39 -7.82	49.24 2.69 -6.38	57.02 2.68 -11.20	69.13 3.07 -17.34	67.70 3.64 -9.82	77.28 4.46 -14.88	81.40 4.46 -16.71	61.46 3.09 -8.63	45.91 2.76 -0.11	42.00 2.93 -3.41
PJM_GEN_HTTP_PROXY 323702	38.52 2.35 0.00	33.70 2.23 0.00	31.72 2.19 0.00	30.37 2.12 0.00	32.40 1.89 0.00	37.26 1.87 0.00	48.03 2.72 0.00	53.45 3.17 0.00	49.77 3.38 0.00	47.53 3.32 0.00	44.35 2.94 0.00	42.24 2.91 0.00	41.40 2.92 0.00	40.96 2.97 0.00	40.81 2.92 0.00	43.26 3.09 0.00	46.25 3.11 0.00	52.27 3.55 0.00	58.05 3.80 0.00	62.58 4.64 0.00	64.93 4.70 0.00	52.98 3.23 0.00	45.80 2.76 0.00	37.80 2.14 0.00
PJM_GEN_KEystone 24065	37.04 0.87 0.00	32.00 0.53 0.00	30.04 0.50 0.00	28.78 0.54 0.00	30.82 0.31 0.00	35.42 0.04 0.00	45.09 -0.23 0.00	49.98 -0.30 0.00	46.20 -0.18 0.00	43.99 -0.22 0.00	41.37 -0.04 0.00	39.21 -0.12 0.00	38.40 -0.08 0.00	37.92 -0.08 0.00	37.82 -0.08 0.00	39.97 -0.20 0.00	42.75 -0.39 0.00	48.34 -0.24 0.13	53.92 -0.32 0.00	58.40 0.46 0.00	60.77 0.54 0.00	49.40 -0.35 0.00	42.70 -0.35 0.00	35.84 0.18 0.00
PJM_GEN_NEPTUNE_PROXY 323594	42.89 2.64 -4.08	37.35 2.36 -3.52	32.43 2.33 -0.55	30.54 2.29 -0.01	32.60 2.08 -0.01	37.55 2.16 -0.01	48.26 2.94 -0.01	53.71 3.42 0.00	49.64 3.25 -0.01	47.45 3.23 -0.01	45.14 2.44 -1.29	44.45 2.40 -2.73	43.98 2.50 -3.00	42.84 2.55 -2.30	44.97 2.46 -4.61	46.58 2.73 -3.68	54.33 2.72 -8.47	64.67 3.21 -12.74	62.43 3.69 -4.48	73.76 4.52 -11.30	77.44 4.52 -12.69	57.23 3.14 -4.35	45.75 2.63 -0.08	40.53 2.35 -2.51
PJM_GEN_VFT_PROXY 323633	38.38 2.21 0.00	33.57 2.11 0.00	31.61 2.07 0.00	30.22 1.98 0.00	32.28 1.77 0.00	37.08 1.70 0.00	43.27 2.54 4.58	48.01 2.97 5.24	42.56 3.20 7.02	41.14 3.19 6.26	40.64 2.85 3.62	39.98 2.83 2.18	39.39 2.89 1.97	39.39 2.89 1.49	39.39 2.88 1.38	39.39 3.01 3.79	42.87 3.02 3.29	42.45 3.41 9.68	46.23 3.58 11.60	55.42 4.35 6.87	60.16 4.39 4.46	49.75 3.03 3.03	44.47 2.67 1.24	37.66 2.00 0.00
PLATSBURG_115KV_PMLD1 355749	36.28 0.11 0.00	31.56 0.09 0.00	29.57 0.03 0.00	28.16 -0.08 0.00	30.57 0.06 0.00	35.88 0.50 0.00	46.22 0.91 0.00	51.24 0.96 0.00	46.94 0.56 0.00	44.83 0.62 0.00	42.03 0.62 0.00	40.11 0.79 0.00	39.21 0.73 0.00	38.75 0.76 0.00	38.65 0.76 0.00	40.81 0.64 0.00	43.88 0.73 0.00	49.40 0.68 0.00	54.74 0.49 0.00	57.76 -0.17 0.00	60.05 -0.18 0.00	50.04 0.30 0.00	43.82 0.77 0.00	36.34 0.68 0.00
PLEASANTVLY___LBMP 24000	38.02 1.84 0.00	33.29 1.83 0.00	31.34 1.80 0.00	29.97 1.72 0.00	32.04 1.53 0.00	36.90 1.52 0.00	47.44 2.13 0.00	52.74 2.46 0.00	48.93 2.55 0.00	46.69 2.48 0.00	43.64 2.24 0.00	41.49 2.16 0.00	40.67 2.19 0.00	40.20 2.20 0.00	40.09 2.20 0.00	42.49 2.33 0.00	45.52 2.37 0.00	51.59 2.87 0.00	57.29 3.04 0.00	61.70 3.77 0.00	63.90 3.67 0.00	52.28 2.54 0.00	45.11 2.07 0.00	37.34 1.68 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	38.34 2.17 0.00	33.54 2.08 0.00	31.58 2.04 0.00	30.20 1.95 0.00	32.22 1.71 0.00	37.12 1.73 0.00	47.80 2.49 0.00	53.20 2.92 0.00	49.40 3.01 0.00	47.13 2.92 0.00	44.06 2.65 0.00	41.92 2.60 0.00	41.09 2.62 0.00	40.65 2.66 0.00	40.54 2.65 0.00	42.94 2.77 0.00	45.99 2.85 0.00	52.08 3.36 0.00	57.83 3.58 0.00	62.34 4.40 0.00	64.51 4.28 0.00	52.73 2.98 0.00	45.50 2.45 0.00	37.63 1.96 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	38.34 2.17 0.00	33.54 2.08 0.00	31.58 2.04 0.00	30.20 1.95 0.00	32.22 1.71 0.00	37.12 1.73 0.00	47.80 2.49 0.00	53.20 2.92 0.00	49.40 3.01 0.00	47.13 2.92 0.00	44.06 2.65 0.00	41.92 2.60 0.00	41.09 2.62 0.00	40.65 2.66 0.00	40.54 2.65 0.00	42.94 2.77 0.00	45.99 2.85 0.00	52.08 3.36 0.00	57.83 3.58 0.00	62.34 4.40 0.00	64.51 4.28 0.00	52.73 2.98 0.00	45.50 2.45 0.00	37.63 1.96 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	38.16 1.99 0.00	33.42 1.95 0.00	31.43 1.89 0.00	30.08 1.84 0.00	32.13 1.62 0.00	37.05 1.66 0.00	47.62 2.31 0.00	52.85 2.56 0.00	48.98 2.60 0.00	46.64 2.43 0.00	43.56 2.15 0.00	41.37 2.04 0.00	40.52 2.04 0.00	40.05 2.05 0.00	39.98 2.08 0.00	42.37 2.21 0.00	45.39 2.24 0.00	51.59 2.87 0.00	57.51 3.26 0.00	61.94 4.00 0.00	64.08 3.85 0.00	52.38 2.64 0.00	45.24 2.20 0.00	37.41 1.75 0.00
POLETTI_____ 23519	38.52 2.35 0.00	33.70 2.23 0.00	31.78 2.24 0.00	30.39 2.15 0.00	32.34 1.83 0.00	37.19 1.80 0.00	47.94 2.63 0.00	53.35 3.07 0.00	49.67 3.29 0.00	47.44 3.23 0.00	44.31 2.90 0.00	42.20 2.87 0.00	41.36 2.89 0.00	40.92 2.93 0.00	41.06 2.92 -0.25	43.44 3.05 -0.22	46.22 3.06 -0.01	52.33 3.61 -0.01	58.66 3.80 -0.61	62.53 4.58 -0.01	64.70 4.46 -0.01	53.42 3.23 -0.44	45.67 2.63 0.00	37.80 2.14 0.00
POMONA___ESR 323819	38.16 1.99 0.00	33.42 1.95 0.00	31.46 1.92 0.00	30.08 1.84 0.00	32.16 1.65 0.00	37.01 1.63 0.00	47.67 2.35 0.00	52.94 2.66 0.00	49.16 2.78 0.00	46.91 2.70 0.00	43.81 2.40 0.00	41.68 2.36 0.00	40.86 2.39 0.00	40.39 2.40 0.00	40.28 2.39 0.00	42.70 2.53 0.00	45.69 2.54 0.00	51.79 3.07 0.00	57.62 3.36 0.00	62.11 4.17 0.00	64.44 4.21 0.00	52.58 2.83 0.00	45.41 2.37 0.00	37.52 1.85 0.00
PORT_JEFF_3 23555	44.32 3.40 -4.75	38.50 2.93 -4.10	33.05 2.86 -0.64	31.05 2.80 -0.01	33.15 2.62 -0.01	38.12 2.72 -0.01	48.76 3.44 -0.01	54.16 3.87 0.00	50.10 3.71 -0.01	47.80 3.58 -0.01	45.60 2.69 -1.50	45.10 2.59 -3.18	44.70 2.73 -3.50	43.41 2.74 -2.68	46.76 2.69 -6.18	48.26 3.09 -5.00	55.86 3.11 -9.60	67.32 3.75 -14.85	65.90 4.50 -7.15	76.16 5.44 -12.78	80.06 5.48 -14.35	60.05 3.83 -6.47	46.32 3.19 -0.09	41.65 3.07 -2.92
PORT_JEFF_4 23616	44.32 3.40 -4.75	38.50 2.93 -4.10	33.05 2.86 -0.64	31.05 2.80 -0.01	33.15 2.62 -0.01	38.12 2.72 -0.01	48.76 3.44 -0.01	54.16 3.87 0.00	50.10 3.71 -0.01	47.80 3.58 -0.01	45.60 2.69 -1.50	45.10 2.59 -3.18	44.70 2.73 -3.50	43.41 2.74 -2.68	46.76 2.69 -6.18	48.26 3.09 -5.00	55.86 3.11 -9.60	67.32 3.75 -14.85	65.90 4.50 -7.15	76.16 5.44 -12.78	80.06 5.48 -14.35	60.05 3.83 -6.47	46.32 3.19 -0.09	41.65 3.07 -2.92

PORT_JEFF_IC 23713	44.41 3.47 -4.77	38.54 2.96 -4.12	33.11 2.92 -0.65	31.11 2.85 -0.01	33.15 2.62 -0.01	38.15 2.76 -0.01	48.86 3.53 -0.01	54.21 3.92 0.00	50.15 3.76 -0.01	47.98 3.76 -0.01	45.69 2.77 -1.51	45.19 2.67 -3.19	44.76 2.77 -3.51	43.49 2.81 -2.69	47.11 2.99 -6.22	48.30 3.09 -5.04	55.98 3.19 -9.65	67.58 3.95 -14.91	66.09 4.61 -7.22	76.33 5.56 -12.83	80.12 5.48 -14.41	60.20 3.93 -6.53	46.36 3.23 -0.09	41.73 3.14 -2.93
PPL PILGRIM_ST_GT1 24216	44.40 3.36 -4.87	38.60 2.93 -4.21	33.04 2.84 -0.66	31.03 2.77 -0.01	33.15 2.62 -0.01	38.08 2.69 -0.01	48.76 3.44 -0.01	54.16 3.87 0.00	50.10 3.71 -0.01	47.85 3.63 -0.01	45.68 2.73 -1.54	45.26 2.68 -3.26	44.83 2.77 -3.58	43.55 2.81 -2.74	47.06 2.73 -6.44	48.48 3.09 -5.22	56.13 3.15 -9.84	67.69 3.75 -15.22	66.29 4.45 -7.59	76.42 5.39 -13.09	80.35 5.42 -14.70	60.40 3.83 -6.82	46.32 3.19 -0.09	41.69 3.03 -2.99
PPL PILGRIM_ST_GT2 24217	44.40 3.36 -4.87	38.60 2.93 -4.21	33.04 2.84 -0.66	31.03 2.77 -0.01	33.15 2.62 -0.01	38.08 2.69 -0.01	48.76 3.44 -0.01	54.16 3.87 0.00	50.10 3.71 -0.01	47.85 3.63 -0.01	45.68 2.73 -1.54	45.26 2.68 -3.26	44.83 2.77 -3.58	43.55 2.81 -2.74	47.06 2.73 -6.44	48.48 3.09 -5.22	56.13 3.15 -9.84	67.69 3.75 -15.22	66.29 4.45 -7.59	76.42 5.39 -13.09	80.35 5.42 -14.70	60.40 3.83 -6.82	46.32 3.19 -0.09	41.69 3.03 -2.99
PPL_SHRM_GT3 24213	44.40 3.47 -4.76	38.57 2.99 -4.11	33.11 2.92 -0.65	31.14 2.88 -0.01	33.21 2.69 -0.01	38.15 2.76 -0.01	48.86 3.54 -0.01	54.21 3.92 0.00	50.15 3.76 -0.01	47.80 3.58 -0.01	45.56 2.65 -1.50	45.03 2.52 -3.18	44.60 2.62 -3.50	43.33 2.66 -2.68	46.70 2.61 -6.20	48.23 3.05 -5.02	55.87 3.11 -9.62	67.39 3.80 -14.87	66.10 4.67 -7.18	76.36 5.62 -12.80	80.26 5.66 -14.37	60.22 3.98 -6.50	46.45 3.31 -0.09	41.76 3.17 -2.92
PPL_SHRM_GT4 24214	44.40 3.47 -4.76	38.57 2.99 -4.11	33.11 2.92 -0.65	31.14 2.88 -0.01	33.21 2.69 -0.01	38.15 2.76 -0.01	48.86 3.54 -0.01	54.21 3.92 0.00	50.15 3.76 -0.01	47.80 3.58 -0.01	45.56 2.65 -1.50	45.03 2.52 -3.18	44.60 2.62 -3.50	43.33 2.66 -2.68	46.70 2.61 -6.20	48.23 3.05 -5.02	55.87 3.11 -9.62	67.39 3.80 -14.87	66.10 4.67 -7.18	76.36 5.62 -12.80	80.26 5.66 -14.37	60.22 3.98 -6.50	46.45 3.31 -0.09	41.76 3.17 -2.92
PROJECT___ORANGE 1 24174	36.21 0.04 0.00	31.31 -0.16 0.00	29.33 -0.21 0.00	28.11 -0.14 0.00	30.24 -0.27 0.00	34.96 -0.42 0.00	44.72 -0.59 0.00	49.58 -0.70 0.00	45.69 -0.70 0.00	43.51 -0.71 0.00	40.83 -0.58 0.00	38.74 -0.59 0.00	37.94 -0.54 0.00	37.50 -0.49 0.00	37.36 -0.53 0.00	39.56 -0.60 0.00	42.50 -0.65 0.00	47.89 -0.83 0.00	53.49 -0.76 0.00	57.48 -0.46 0.00	59.87 -0.36 0.00	49.15 -0.60 0.00	42.40 -0.65 0.00	35.20 -0.46 0.00
PROJECT___ORANGE 2 24166	36.21 0.04 0.00	31.31 -0.16 0.00	29.33 -0.21 0.00	28.11 -0.14 0.00	30.24 -0.27 0.00	34.96 -0.42 0.00	44.72 -0.59 0.00	49.58 -0.70 0.00	45.69 -0.70 0.00	43.51 -0.71 0.00	40.83 -0.58 0.00	38.74 -0.59 0.00	37.94 -0.54 0.00	37.50 -0.49 0.00	37.36 -0.53 0.00	39.56 -0.60 0.00	42.50 -0.65 0.00	47.89 -0.83 0.00	53.49 -0.76 0.00	57.48 -0.46 0.00	59.87 -0.36 0.00	49.15 -0.60 0.00	42.40 -0.65 0.00	35.20 -0.46 0.00
PUCKETT___SOLAR 323809	40.15 3.98 0.00	34.80 3.33 0.00	32.52 2.98 0.00	31.19 2.94 0.00	33.71 3.20 0.00	39.20 3.82 0.00	50.34 5.03 0.00	55.56 5.28 0.00	50.60 4.22 0.00	47.40 3.19 0.00	44.10 2.69 0.00	41.57 2.24 0.00	40.55 2.08 0.00	40.04 2.05 0.00	40.09 2.20 0.00	42.77 2.61 0.00	46.09 2.94 -0.01	52.82 4.00 -0.10	59.36 5.10 -0.01	64.66 6.72 0.00	67.76 7.53 0.00	55.46 5.72 0.00	47.60 4.56 0.00	39.02 3.35 0.00
PYRITES___HYD 24023	35.27 -0.90 0.00	30.62 -0.85 0.00	28.62 -0.92 0.00	27.29 -0.96 0.00	29.78 -0.73 0.00	35.17 -0.21 0.00	45.27 -0.05 0.00	49.88 -0.40 0.00	45.50 -0.88 0.00	43.37 -0.84 0.00	40.54 -0.87 0.00	38.62 -0.71 0.00	37.75 -0.73 0.00	37.27 -0.72 0.00	37.25 -0.64 0.00	39.40 -0.76 0.00	42.41 -0.73 0.00	47.84 -0.88 0.00	53.38 -0.87 0.00	56.61 -1.33 0.00	59.08 -1.14 0.00	49.30 -0.45 0.00	43.09 0.04 0.00	35.41 -0.25 0.00
QUAKERRD_115KV_BK1 80622	35.66 -0.51 0.00	30.33 -1.13 0.00	28.42 -1.12 0.00	27.17 -1.07 0.00	29.23 -1.28 0.00	33.75 -1.63 0.00	42.87 -2.45 0.00	47.52 -2.77 0.00	43.78 -2.60 0.00	41.65 -2.56 0.00	39.17 -2.24 0.00	37.12 -2.20 0.00	36.25 -2.23 0.00	35.83 -2.17 0.00	35.73 -2.16 0.00	37.72 -2.45 0.00	40.51 -2.63 0.00	45.01 -3.70 0.00	50.99 -3.26 0.00	55.16 -2.78 0.00	57.70 -2.53 0.00	46.91 -2.84 0.00	40.63 -2.41 0.00	34.13 -1.53 0.00
QUENSBRY_115KV_TB8 356137	38.09 1.92 0.00	33.38 1.92 0.00	31.40 1.86 0.00	29.94 1.69 0.00	32.16 1.65 0.00	37.12 1.73 0.00	47.71 2.40 0.00	53.15 2.87 0.00	48.84 2.46 0.00	46.38 2.17 0.00	43.35 1.95 0.00	40.90 1.57 0.00	40.02 1.54 0.00	39.48 1.48 0.00	39.33 1.44 0.00	41.93 1.77 0.00	45.13 1.98 0.00	51.40 2.68 0.00	59.27 3.36 -1.66	61.94 4.00 0.00	64.39 4.16 0.00	52.68 2.94 0.00	45.28 2.24 0.00	37.27 1.60 0.00
RAMAPO___LBMP 323565	38.05 1.88 0.00	33.32 1.86 0.00	31.37 1.83 0.00	30.00 1.75 0.00	32.04 1.53 0.00	36.90 1.52 0.00	47.44 2.13 0.00	52.74 2.46 0.00	48.98 2.60 0.00	46.73 2.52 0.00	43.69 2.28 0.00	41.57 2.24 0.00	40.75 2.27 0.00	40.27 2.28 0.00	40.20 2.31 0.00	42.58 2.41 0.00	45.56 2.42 0.00	51.64 2.92 0.00	57.34 3.09 0.00	61.88 3.94 0.00	64.02 3.79 0.00	52.33 2.59 0.00	45.15 2.11 0.00	37.38 1.71 0.00
RANKINE____ 23646	36.64 0.47 0.00	30.65 -0.82 0.00	28.59 -0.95 0.00	27.49 -0.76 0.00	29.38 -1.13 0.00	33.83 -1.56 0.00	42.37 -2.95 0.00	46.91 -3.37 0.00	43.13 -3.25 0.00	40.85 -3.36 0.00	38.63 -2.77 0.00	36.42 -2.91 0.00	35.55 -2.92 0.00	35.11 -2.89 0.00	34.97 -2.92 0.00	36.71 -3.45 0.00	39.42 -3.71 0.01	44.17 -3.90 0.65	49.85 -4.39 0.01	54.52 -3.42 0.00	57.34 -2.89 0.00	46.16 -3.58 0.00	40.12 -2.93 0.00	34.34 -1.32 0.00
RAVENSWOOD_GT2_1 24244	38.52 2.35 0.00	33.70 2.23 0.00	31.72 2.19 0.00	30.37 2.12 0.00	32.34 1.83 0.00	37.26 1.88 0.00	48.03 2.72 0.00	53.40 3.12 0.00	49.72 3.34 0.00	47.48 3.27 0.00	44.35 2.94 0.00	42.24 2.91 0.00	41.44 2.96 0.00	40.96 2.96 0.00	41.10 2.99 -0.21	43.49 3.13 -0.19	46.30 3.15 -0.01	52.38 3.65 -0.01	58.56 3.80 -0.51	62.58 4.64 -0.01	64.76 4.52 -0.01	53.35 3.23 -0.37	45.71 2.67 0.00	37.80 2.14 0.00
RAVENSWOOD_GT2_2 24245	38.52 2.35 0.00	33.70 2.23 0.00	31.72 2.19 0.00	30.37 2.12 0.00	32.34 1.83 0.00	37.26 1.88 0.00	48.03 2.72 0.00	53.40 3.12 0.00	49.72 3.34 0.00	47.48 3.27 0.00	44.35 2.94 0.00	42.24 2.91 0.00	41.44 2.96 0.00	40.96 2.96 0.00	41.10 2.99 -0.21	43.49 3.13 -0.19	46.30 3.15 -0.01	52.38 3.65 -0.01	58.56 3.80 -0.51	62.58 4.64 -0.01	64.76 4.52 -0.01	53.35 3.23 -0.37	45.71 2.67 0.00	37.80 2.14 0.00

RAVENSWOOD_GT2_3 24246	38.56 2.39 0.00	33.73 2.27 0.00	31.75 2.22 0.00	30.37 2.12 0.00	32.37 1.86 0.00	37.26 1.88 0.00	48.03 2.72 0.00	53.45 3.17 0.00	49.77 3.39 0.00	47.53 3.32 0.00	44.39 2.98 0.00	42.27 2.95 0.00	41.44 2.96 0.00	40.99 3.00 0.00	41.10 2.99 -0.21	43.49 3.13 -0.19	46.30 3.15 -0.01	52.38 3.65 -0.01	58.62 3.85 -0.51	62.58 4.64 -0.01	64.76 4.52 -0.01	53.40 3.28 -0.37	45.71 2.67 0.00	37.84 2.18 0.00
RAVENSWOOD_GT2_4 24247	38.56 2.39 0.00	33.73 2.27 0.00	31.75 2.22 0.00	30.37 2.12 0.00	32.37 1.86 0.00	37.26 1.88 0.00	48.03 2.72 0.00	53.45 3.17 0.00	49.77 3.39 0.00	47.53 3.32 0.00	44.39 2.98 0.00	42.27 2.95 0.00	41.44 2.96 0.00	40.99 3.00 0.00	41.10 2.99 -0.21	43.49 3.13 -0.19	46.30 3.15 -0.01	52.38 3.65 -0.01	58.62 3.85 -0.51	62.58 4.64 -0.01	64.76 4.52 -0.01	53.40 3.28 -0.37	45.71 2.67 0.00	37.84 2.18 0.00
RAVENSWOOD_GT3_1 24248	38.52 2.35 0.00	33.70 2.23 0.00	31.72 2.19 0.00	30.37 2.12 0.00	32.34 1.83 0.00	37.26 1.88 0.00	48.03 2.72 0.00	53.40 3.12 0.00	49.72 3.34 0.00	47.48 3.27 0.00	44.35 2.94 0.00	42.24 2.91 0.00	41.44 2.96 0.00	40.96 2.96 0.00	41.10 2.99 -0.21	43.49 3.13 -0.19	46.30 3.15 -0.01	52.38 3.65 -0.01	58.56 3.80 -0.51	62.58 4.64 -0.01	64.76 4.52 -0.01	53.35 3.23 -0.37	45.71 2.67 0.00	37.80 2.14 0.00
RAVENSWOOD_GT3_2 24249	38.52 2.35 0.00	33.70 2.23 0.00	31.72 2.19 0.00	30.37 2.12 0.00	32.34 1.83 0.00	37.26 1.88 0.00	48.03 2.72 0.00	53.40 3.12 0.00	49.72 3.34 0.00	47.48 3.27 0.00	44.35 2.94 0.00	42.24 2.91 0.00	41.44 2.96 0.00	40.96 2.96 0.00	41.10 2.99 -0.21	43.49 3.13 -0.19	46.30 3.15 -0.01	52.38 3.65 -0.01	58.56 3.80 -0.51	62.58 4.64 -0.01	64.76 4.52 -0.01	53.35 3.23 -0.37	45.71 2.67 0.00	37.80 2.14 0.00
RAVENSWOOD_GT3_3 24250	38.56 2.39 0.00	33.73 2.27 0.00	31.75 2.22 0.00	30.39 2.15 0.00	32.37 1.86 0.00	37.29 1.91 0.00	48.08 2.76 0.00	53.50 3.22 0.00	49.81 3.43 0.00	47.57 3.36 0.00	44.43 3.02 0.00	42.31 2.99 0.00	41.48 3.00 0.00	41.03 3.04 0.00	41.13 3.03 -0.21	43.53 3.17 -0.19	46.34 3.19 -0.01	52.43 3.70 -0.01	58.67 3.91 -0.51	62.64 4.69 -0.01	64.82 4.58 -0.01	53.45 3.33 -0.37	45.75 2.71 0.00	37.88 2.21 0.00
RAVENSWOOD_GT3_4 24251	38.56 2.39 0.00	33.73 2.27 0.00	31.75 2.22 0.00	30.39 2.15 0.00	32.37 1.86 0.00	37.29 1.91 0.00	48.08 2.76 0.00	53.50 3.22 0.00	49.81 3.43 0.00	47.57 3.36 0.00	44.43 3.02 0.00	42.31 2.99 0.00	41.48 3.00 0.00	41.03 3.04 0.00	41.13 3.03 -0.21	43.53 3.17 -0.19	46.34 3.19 -0.01	52.43 3.70 -0.01	58.67 3.91 -0.51	62.64 4.69 -0.01	64.82 4.58 -0.01	53.45 3.33 -0.37	45.75 2.71 0.00	37.88 2.21 0.00
RAVENSWOOD_GT_1 23729	38.56 2.39 0.00	33.76 2.30 0.00	31.78 2.24 0.00	30.39 2.15 0.00	32.40 1.89 0.00	37.26 1.88 0.00	48.04 2.72 0.00	53.35 3.07 0.00	49.81 3.43 0.00	47.58 3.36 -0.01	44.48 3.06 -0.01	42.94 3.07 -0.55	43.07 3.12 -1.48	42.84 3.12 -1.73	42.69 3.15 -1.65	44.66 3.29 -1.20	47.12 3.32 -0.65	52.43 3.70 -0.01	58.59 3.74 -0.59	62.40 4.46 0.00	64.57 4.34 0.00	53.41 3.23 -0.43	45.72 2.67 -0.01	37.88 2.21 0.00
RAVENSWOOD_GT_10 24258	38.52 2.35 0.00	33.70 2.23 0.00	31.72 2.19 0.00	30.37 2.12 0.00	32.34 1.83 0.00	37.26 1.88 0.00	48.03 2.72 0.00	53.45 3.17 0.00	49.72 3.34 0.00	47.48 3.27 0.00	44.35 2.94 0.00	42.24 2.91 0.00	41.44 2.96 0.00	40.96 2.96 0.00	41.10 2.99 -0.21	43.48 3.13 -0.19	46.30 3.15 -0.01	52.38 3.65 -0.01	58.63 3.85 -0.52	62.58 4.64 -0.01	64.76 4.52 -0.01	53.40 3.28 -0.37	45.71 2.67 0.00	37.80 2.14 0.00
RAVENSWOOD_GT_11 24259	38.52 2.35 0.00	33.70 2.23 0.00	31.72 2.19 0.00	30.37 2.12 0.00	32.34 1.83 0.00	37.26 1.88 0.00	48.03 2.72 0.00	53.45 3.17 0.00	49.72 3.34 0.00	47.48 3.27 0.00	44.35 2.94 0.00	42.24 2.91 0.00	41.44 2.96 0.00	40.96 2.96 0.00	41.10 2.99 -0.21	43.48 3.13 -0.19	46.30 3.15 -0.01	52.38 3.65 -0.01	58.63 3.85 -0.52	62.58 4.64 -0.01	64.76 4.52 -0.01	53.40 3.28 -0.37	45.71 2.67 0.00	37.80 2.14 0.00
RAVENSWOOD_GT_4 24252	38.52 2.35 0.00	33.70 2.23 0.00	31.72 2.19 0.00	30.37 2.12 0.00	32.37 1.86 0.00	37.26 1.88 0.00	48.03 2.72 0.00	53.45 3.17 0.00	49.72 3.34 0.00	47.49 3.27 -0.01	44.35 2.94 -0.01	42.65 2.91 -0.42	42.53 2.92 -1.13	42.28 2.96 -1.32	42.32 2.96 -1.47	44.37 3.09 -1.11	46.75 3.11 -0.51	52.38 3.65 0.00	58.10 3.85 0.00	62.63 4.69 0.00	64.80 4.58 0.00	53.03 3.28 0.00	45.76 2.71 -0.01	37.84 2.18 0.00
RAVENSWOOD_GT_5 24254	38.52 2.35 0.00	33.70 2.23 0.00	31.72 2.19 0.00	30.37 2.12 0.00	32.37 1.86 0.00	37.26 1.88 0.00	48.03 2.72 0.00	53.45 3.17 0.00	49.72 3.34 0.00	47.49 3.27 -0.01	44.35 2.94 -0.01	42.65 2.91 -0.42	42.53 2.92 -1.13	42.28 2.96 -1.32	42.32 2.96 -1.47	44.37 3.09 -1.11	46.75 3.11 -0.51	52.38 3.65 0.00	58.10 3.85 0.00	62.63 4.69 0.00	64.80 4.58 0.00	53.03 3.28 0.00	45.76 2.71 -0.01	37.84 2.18 0.00
RAVENSWOOD_GT_6 24253	38.52 2.35 0.00	33.70 2.23 0.00	31.72 2.19 0.00	30.37 2.12 0.00	32.37 1.86 0.00	37.26 1.88 0.00	48.03 2.72 0.00	53.45 3.17 0.00	49.72 3.34 0.00	47.49 3.27 -0.01	44.35 2.94 -0.01	42.65 2.91 -0.42	42.53 2.92 -1.13	42.28 2.96 -1.32	42.32 2.96 -1.47	44.37 3.09 -1.11	46.75 3.11 -0.51	52.38 3.65 0.00	58.10 3.85 0.00	62.63 4.69 0.00	64.80 4.58 0.00	53.03 3.28 0.00	45.76 2.71 -0.01	37.84 2.18 0.00
RAVENSWOOD_GT_7 24255	38.52 2.35 0.00	33.70 2.23 0.00	31.72 2.19 0.00	30.37 2.12 0.00	32.37 1.86 0.00	37.26 1.88 0.00	48.03 2.72 0.00	53.45 3.17 0.00	49.72 3.34 0.00	47.49 3.27 -0.01	44.35 2.94 -0.01	42.65 2.91 -0.42	42.53 2.92 -1.13	42.28 2.96 -1.32	42.32 2.96 -1.47	44.37 3.09 -1.11	46.75 3.11 -0.51	52.38 3.65 0.00	58.10 3.85 0.00	62.63 4.69 0.00	64.80 4.58 0.00	53.03 3.28 0.00	45.76 2.71 -0.01	37.84 2.18 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	38.52 2.35 0.00	33.70 2.23 0.00	31.72 2.19 0.00	30.37 2.12 0.00	32.34 1.83 0.00	37.26 1.88 0.00	48.03 2.72 0.00	53.45 3.17 0.00	49.72 3.34 0.00	47.48 3.27 0.00	44.35 2.94 0.00	42.24 2.91 0.00	41.44 2.96 0.00	40.96 2.96 0.00	41.10 2.99 -0.21	43.48 3.13 -0.19	46.30 3.15 -0.01	52.38 3.65 -0.01	58.63 3.85 -0.52	62.58 4.64 -0.01	64.76 4.52 -0.01	53.40 3.28 -0.37	45.71 2.67 0.00	37.80 2.14 0.00
RAVENSWOOD_GT_9 24257	38.52 2.35 0.00	33.70 2.23 0.00	31.72 2.19 0.00	30.37 2.12 0.00	32.34 1.83 0.00	37.26 1.88 0.00	48.03 2.72 0.00	53.45 3.17 0.00	49.72 3.34 0.00	47.48 3.27 0.00	44.35 2.94 0.00	42.24 2.91 0.00	41.44 2.96 0.00	40.96 2.96 0.00	41.10 2.99 -0.21	43.48 3.13 -0.19	46.30 3.15 -0.01	52.38 3.65 -0.01	58.63 3.85 -0.52	62.58 4.64 -0.01	64.76 4.52 -0.01	53.40 3.28 -0.37	45.71 2.67 0.00	37.80 2.14 0.00

RAVENSWOOD___1 23533	38.56 2.39 0.00	33.76 2.30 0.00	31.75 2.22 0.00	30.39 2.15 0.00	32.43 1.92 0.00	37.26 1.87 0.00	48.03 2.72 0.00	53.35 3.07 0.00	49.77 3.38 0.00	47.57 3.36 0.00	44.43 3.02 0.00	42.39 3.07 0.00	41.56 3.08 0.00	41.11 3.12 0.00	41.00 3.11 0.00	43.42 3.25 0.00	46.42 3.28 0.00	52.33 3.61 -0.01	58.53 3.69 -0.59	62.34 4.40 0.00	64.69 4.46 0.00	53.40 3.23 -0.42	45.76 2.71 0.00	37.84 2.18 0.00
RAVENSWOOD___2 23534	38.52 2.35 0.00	33.73 2.27 0.00	31.75 2.22 0.00	30.37 2.12 0.00	32.40 1.89 0.00	37.22 1.84 0.00	47.98 2.67 0.00	53.30 3.02 0.00	49.77 3.38 0.00	47.53 3.32 0.00	44.39 2.98 0.00	42.35 3.03 0.00	41.56 3.08 0.00	41.07 3.08 0.00	41.00 3.11 0.00	43.42 3.25 0.00	46.42 3.28 0.00	52.33 3.61 -0.01	58.48 3.64 -0.59	62.34 4.40 0.00	64.63 4.39 0.00	53.35 3.19 -0.42	45.76 2.71 0.00	37.84 2.18 0.00
RAVENSWOOD___3 23535	38.52 2.35 0.00	33.70 2.23 0.00	31.72 2.19 0.00	30.37 2.12 0.00	32.40 1.89 0.00	37.26 1.87 0.00	48.03 2.72 0.00	53.40 3.12 0.00	49.72 3.34 0.00	47.48 3.27 0.00	44.35 2.94 0.00	42.24 2.91 0.00	41.44 2.96 0.00	40.96 2.97 0.00	41.10 2.99 -0.21	43.49 3.13 -0.19	46.30 3.15 -0.01	52.33 3.61 -0.01	58.56 3.80 -0.51	62.58 4.64 -0.01	64.88 4.64 -0.01	53.34 3.23 -0.37	45.80 2.76 0.00	37.84 2.18 0.00
RAVENSWOOD___4 23820	38.52 2.35 0.00	33.73 2.27 0.00	31.75 2.22 0.00	30.37 2.12 0.00	32.40 1.89 0.00	37.22 1.84 0.00	47.98 2.67 0.00	53.30 3.02 0.00	49.77 3.38 0.00	47.52 3.32 0.01	44.38 2.98 0.01	41.82 3.03 0.54	40.10 3.08 1.46	39.36 3.08 1.71	39.37 3.11 1.63	42.23 3.25 1.19	45.78 3.28 0.64	52.27 3.55 0.00	58.47 3.64 -0.58	62.29 4.35 0.00	64.63 4.39 0.00	53.35 3.19 -0.41	45.70 2.67 0.01	37.84 2.18 0.00
RCPL_TRUST___DRP 24196	38.81 2.64 0.00	33.92 2.45 0.00	31.93 2.39 0.00	30.56 2.32 0.00	32.56 2.04 0.00	37.51 2.12 0.00	48.44 3.13 0.00	53.90 3.62 0.00	50.18 3.80 0.00	47.93 3.71 0.00	44.76 3.35 0.00	42.55 3.22 0.00	41.71 3.23 0.00	41.26 3.27 0.00	41.15 3.26 0.00	43.54 3.37 0.00	46.59 3.45 0.00	52.86 4.14 0.00	58.59 4.34 0.00	63.10 5.16 0.00	65.23 5.00 0.00	53.38 3.63 0.00	46.06 3.01 0.00	38.09 2.43 0.00
RED___ROCHESTER 323720	36.71 0.54 0.00	31.03 -0.44 0.00	29.06 -0.47 0.00	27.79 -0.45 0.00	29.90 -0.61 0.00	34.53 -0.85 0.00	43.72 -1.59 0.00	48.52 -1.76 0.00	44.62 -1.76 0.00	42.49 -1.72 0.00	40.04 -1.37 0.00	37.87 -1.45 0.00	36.98 -1.50 0.00	36.55 -1.44 0.00	36.41 -1.48 0.00	38.40 -1.77 0.00	41.24 -1.90 0.01	46.13 -2.58 0.00	51.81 -2.44 0.01	56.20 -1.74 0.00	58.66 -1.57 0.00	47.75 -1.99 0.00	41.32 -1.72 0.00	34.95 -0.71 0.00
REGAN___SOLAR 323812	38.96 2.79 0.00	34.01 2.55 0.00	31.93 2.39 0.00	30.48 2.23 0.00	32.77 2.26 0.00	37.86 2.48 0.00	48.53 3.22 0.00	53.85 3.57 0.00	49.21 2.83 0.00	46.55 2.34 0.00	43.64 2.23 0.00	41.21 1.89 0.00	40.32 1.85 0.00	39.82 1.82 0.00	39.67 1.78 0.00	42.17 2.01 0.00	45.43 2.29 0.00	51.84 3.12 0.00	59.29 4.07 -0.97	62.92 4.98 0.00	65.71 5.48 0.00	53.73 3.98 0.00	46.14 3.10 0.00	38.02 2.35 0.00
RENSSELAER___COGEN 23796	36.86 0.69 0.00	32.38 0.91 0.00	30.45 0.92 0.00	29.09 0.85 0.00	31.18 0.67 0.00	35.95 0.56 0.00	45.99 0.68 0.00	51.23 0.95 0.00	47.26 0.88 0.00	45.05 0.84 0.00	42.15 0.75 0.00	40.03 0.71 0.00	39.25 0.77 0.00	38.64 0.65 0.00	38.54 0.64 0.00	41.01 0.84 0.00	43.96 0.82 0.00	49.74 1.02 0.00	51.26 1.25 4.24	59.56 1.62 0.00	61.74 1.51 0.00	50.69 0.94 0.00	43.77 0.73 0.00	36.13 0.46 0.00
REPUBLIC_115KV_BARTNBRK 55605	38.99 2.82 0.00	34.14 2.67 0.00	32.08 2.54 0.00	30.56 2.32 0.00	32.86 2.35 0.00	37.93 2.55 0.00	48.85 3.53 0.00	54.45 4.17 0.00	49.77 3.39 0.00	47.09 2.87 0.00	43.98 2.57 0.00	41.33 2.01 0.00	40.44 1.96 0.00	39.89 1.90 0.00	39.53 1.86 0.22	42.22 2.25 0.20	45.77 2.63 0.01	52.32 3.61 0.01	60.13 4.72 -1.16	63.49 5.56 0.01	66.24 6.02 0.01	53.64 4.28 0.38	46.27 3.23 0.00	38.05 2.39 0.00
REVERE_CPPR_DRP 24186	37.29 1.12 0.00	32.32 0.85 0.00	30.22 0.68 0.00	28.90 0.65 0.00	31.24 0.73 0.00	36.27 0.88 0.00	46.44 1.13 0.00	51.44 1.16 0.00	47.26 0.88 0.00	44.79 0.57 0.00	41.99 0.58 0.00	39.80 0.47 0.00	38.90 0.42 0.00	38.45 0.46 0.00	38.42 0.53 0.00	40.85 0.68 0.00	43.88 0.73 0.00	49.74 1.02 0.00	55.61 1.36 0.00	59.85 1.91 0.00	62.58 2.35 0.00	51.39 1.64 0.00	44.33 1.29 0.00	36.48 0.82 0.00
REYNLDPA_13_KV_LD 356490	35.88 -0.29 0.00	31.18 -0.28 0.00	29.21 -0.32 0.00	27.85 -0.40 0.00	30.27 -0.24 0.00	35.49 0.11 0.00	45.63 0.32 0.00	50.53 0.25 0.00	46.33 -0.05 0.00	44.30 0.09 0.00	41.53 0.12 0.00	39.56 0.24 0.00	38.67 0.19 0.00	38.22 0.23 0.00	38.16 0.27 0.00	40.29 0.12 0.00	43.40 0.26 0.00	48.86 0.15 0.00	54.25 0.00 0.00	57.36 -0.58 0.00	59.69 -0.54 0.00	49.80 0.05 0.00	43.43 0.39 0.00	35.95 0.29 0.00
REYNOLDS_115KV_TB3 80639	37.15 0.98 0.00	32.63 1.16 0.00	30.72 1.18 0.00	29.35 1.10 0.00	31.46 0.95 0.00	36.27 0.88 0.00	46.35 1.04 0.00	51.69 1.41 0.00	47.68 1.30 0.00	45.49 1.28 0.00	42.61 1.20 0.00	40.43 1.10 0.00	39.59 1.12 0.00	39.02 1.03 0.00	38.92 1.02 0.00	41.45 1.29 0.00	44.44 1.29 0.00	50.33 1.61 0.00	60.29 1.84 -4.19	60.14 2.20 0.00	62.28 2.05 0.00	51.14 1.39 0.00	44.16 1.12 0.00	36.38 0.71 0.00
RIVERBAY____ 323610	39.21 3.04 0.00	34.20 2.74 0.00	32.31 2.78 0.00	30.93 2.68 0.00	32.77 2.26 0.00	37.40 2.02 0.00	48.26 2.95 0.00	53.65 3.37 0.00	49.95 3.57 0.00	47.66 3.45 0.00	44.43 3.02 0.00	42.31 2.99 0.00	41.48 3.00 0.00	40.99 3.00 0.00	41.35 2.99 -0.47	43.79 3.21 -0.41	46.23 3.06 -0.02	52.58 3.85 -0.01	59.07 3.74 -1.07	62.41 4.46 -0.01	64.58 4.34 -0.01	53.80 3.28 -0.77	45.84 2.80 0.00	38.05 2.39 0.00
RIVERSDE_115KV_TB3 55908	37.00 0.83 0.00	32.54 1.07 0.00	30.60 1.06 0.00	29.24 0.99 0.00	31.37 0.85 0.00	36.13 0.74 0.00	46.22 0.91 0.00	51.49 1.21 0.00	47.49 1.11 0.00	45.32 1.11 0.00	42.44 1.04 0.00	40.27 0.94 0.00	39.44 0.96 0.00	38.75 0.76 0.00	38.61 0.72 0.00	41.13 0.96 0.00	44.09 0.95 0.00	49.94 1.22 0.00	57.11 1.36 -1.50	59.91 1.97 0.00	62.04 1.81 0.00	50.94 1.19 0.00	43.95 0.90 0.00	36.27 0.61 0.00
ROARING___BROOK_WT_PWR 323790	35.38 -0.80 0.00	30.71 -0.76 0.00	28.77 -0.77 0.00	27.46 -0.79 0.00	29.75 -0.76 0.00	34.64 -0.74 0.00	44.41 -0.91 0.00	49.28 -1.01 0.00	45.40 -0.98 0.00	43.37 -0.84 0.00	40.66 -0.74 0.00	38.69 -0.63 0.00	37.86 -0.62 0.00	37.46 -0.53 0.00	37.40 -0.49 0.00	39.64 -0.52 0.00	42.63 -0.52 0.00	48.08 -0.63 0.00	53.55 -0.71 0.00	56.95 -0.99 0.00	59.26 -0.97 0.00	49.10 -0.65 0.00	42.61 -0.43 0.00	35.34 -0.32 0.00

ROCHESRG_115KV_T4 355643	36.24 0.07 0.00	30.77 -0.69 0.00	28.80 -0.74 0.00	27.60 -0.65 0.00	29.63 -0.88 0.00	34.21 -1.17 0.00	43.32 -1.99 0.00	47.97 -2.31 0.00	44.15 -2.23 0.00	42.05 -2.17 0.00	39.54 -1.86 0.00	37.44 -1.89 0.00	36.59 -1.89 0.00	36.17 -1.82 0.00	36.04 -1.86 0.00	38.00 -2.17 0.00	40.81 -2.33 0.00	45.16 -3.46 0.10	51.43 -2.82 0.00	55.68 -2.26 0.00	58.30 -1.93 0.00	47.31 -2.44 0.00	41.02 -2.02 0.00	34.59 -1.07 0.00
ROCHESTER_9_IC 23652	36.50 0.33 0.00	30.90 -0.57 0.00	28.95 -0.59 0.00	27.71 -0.54 0.00	29.75 -0.76 0.00	34.36 -1.03 0.00	43.54 -1.77 0.00	48.27 -2.01 0.00	44.43 -1.95 0.00	42.27 -1.95 0.00	39.75 -1.66 0.00	37.67 -1.65 0.00	36.78 -1.69 0.00	36.36 -1.63 0.00	36.22 -1.67 0.00	38.20 -1.97 0.00	41.02 -2.11 0.01	45.50 -3.22 0.00	51.70 -2.55 0.01	56.03 -1.91 0.00	58.66 -1.57 0.00	47.61 -2.14 0.00	41.24 -1.81 0.00	34.77 -0.89 0.00
ROCKVIEW_13_KV_LD 356306	38.49 2.31 0.00	33.67 2.20 0.00	31.69 2.16 0.00	30.31 2.06 0.00	32.34 1.83 0.00	37.26 1.88 0.00	47.99 2.67 0.00	53.45 3.17 0.00	49.67 3.29 0.00	47.40 3.18 0.00	44.27 2.86 0.00	42.16 2.83 0.00	41.36 2.89 0.00	40.88 2.89 0.00	41.05 2.92 -0.24	43.39 3.01 -0.21	46.26 3.11 -0.01	52.43 3.70 -0.01	58.67 3.85 -0.56	62.70 4.75 -0.01	64.88 4.64 -0.01	53.38 3.23 -0.40	45.71 2.67 0.00	37.84 2.18 0.00
ROME____115KV_TB2 80656	37.29 1.12 0.00	32.32 0.85 0.00	30.22 0.68 0.00	28.90 0.65 0.00	31.24 0.73 0.00	36.27 0.88 0.00	46.44 1.13 0.00	51.44 1.16 0.00	47.26 0.88 0.00	44.79 0.57 0.00	41.99 0.58 0.00	39.80 0.47 0.00	38.90 0.42 0.00	38.45 0.46 0.00	38.42 0.53 0.00	40.85 0.68 0.00	43.88 0.73 0.00	49.74 1.02 0.00	55.61 1.36 0.00	59.85 1.91 0.00	62.58 2.35 0.00	51.39 1.64 0.00	44.33 1.29 0.00	36.48 0.82 0.00
ROSETON___1 23587	37.98 1.81 0.00	33.26 1.79 0.00	31.28 1.74 0.00	29.94 1.69 0.00	32.01 1.49 0.00	36.83 1.45 0.00	47.35 2.04 0.00	52.64 2.36 0.00	48.84 2.46 0.00	46.60 2.39 0.00	43.56 2.15 0.00	41.41 2.08 0.00	40.59 2.11 0.00	40.12 2.13 0.00	40.01 2.12 0.00	42.41 2.25 0.00	45.43 2.29 0.00	51.44 2.73 0.00	57.18 2.93 0.00	61.59 3.65 0.00	63.90 3.67 0.00	52.23 2.49 0.00	45.11 2.07 0.00	37.27 1.61 0.00
ROSETON___2 23588	37.98 1.81 0.00	33.26 1.79 0.00	31.28 1.74 0.00	29.94 1.69 0.00	32.01 1.49 0.00	36.83 1.45 0.00	47.35 2.04 0.00	52.64 2.36 0.00	48.84 2.46 0.00	46.60 2.39 0.00	43.56 2.15 0.00	41.41 2.08 0.00	40.59 2.11 0.00	40.12 2.13 0.00	40.01 2.12 0.00	42.41 2.25 0.00	45.43 2.29 0.00	51.44 2.73 0.00	57.18 2.93 0.00	61.59 3.65 0.00	63.90 3.67 0.00	52.23 2.49 0.00	45.11 2.07 0.00	37.27 1.61 0.00
ROTRDAM_115KV_TB3 80664	37.33 1.16 0.00	32.69 1.23 0.00	30.75 1.21 0.00	29.38 1.13 0.00	31.55 1.04 0.00	36.41 1.03 0.00	46.63 1.31 0.00	51.84 1.56 0.00	47.82 1.44 0.00	45.54 1.33 0.00	42.61 1.20 0.00	40.39 1.06 0.00	39.55 1.08 0.00	39.02 1.03 0.00	38.92 1.02 0.00	41.37 1.20 0.00	44.44 1.29 0.00	50.37 1.66 0.00	57.22 1.90 -1.07	60.31 2.38 0.00	62.64 2.41 0.00	51.44 1.69 0.00	44.38 1.33 0.00	36.63 0.96 0.00
RUSSELL___1 23602	36.71 0.54 0.00	31.03 -0.44 0.00	29.07 -0.47 0.00	27.80 -0.45 0.00	29.87 -0.64 0.00	34.50 -0.88 0.00	43.73 -1.59 0.00	48.47 -1.81 0.00	44.62 -1.76 0.00	42.49 -1.72 0.00	39.96 -1.45 0.00	37.87 -1.46 0.00	36.98 -1.50 0.00	36.55 -1.44 0.00	36.41 -1.48 0.00	38.40 -1.77 0.00	41.24 -1.90 0.01	45.74 -2.97 0.00	51.97 -2.28 0.01	56.32 -1.62 0.00	59.02 -1.20 0.00	47.86 -1.89 0.00	41.45 -1.59 0.00	34.95 -0.71 0.00
RUSSELL___2 23532	36.71 0.54 0.00	31.03 -0.44 0.00	29.07 -0.47 0.00	27.80 -0.45 0.00	29.87 -0.64 0.00	34.50 -0.88 0.00	43.73 -1.59 0.00	48.47 -1.81 0.00	44.62 -1.76 0.00	42.49 -1.72 0.00	39.96 -1.45 0.00	37.87 -1.46 0.00	36.98 -1.50 0.00	36.55 -1.44 0.00	36.41 -1.48 0.00	38.40 -1.77 0.00	41.24 -1.90 0.01	45.74 -2.97 0.00	51.97 -2.28 0.01	56.32 -1.62 0.00	59.02 -1.20 0.00	47.86 -1.89 0.00	41.45 -1.59 0.00	34.95 -0.71 0.00
RUSSELL___3 23549	36.71 0.54 0.00	31.03 -0.44 0.00	29.07 -0.47 0.00	27.80 -0.45 0.00	29.87 -0.64 0.00	34.50 -0.88 0.00	43.73 -1.59 0.00	48.47 -1.81 0.00	44.62 -1.76 0.00	42.49 -1.72 0.00	39.96 -1.45 0.00	37.87 -1.46 0.00	36.98 -1.50 0.00	36.55 -1.44 0.00	36.41 -1.48 0.00	38.40 -1.77 0.00	41.24 -1.90 0.01	45.74 -2.97 0.00	51.97 -2.28 0.01	56.32 -1.62 0.00	59.02 -1.20 0.00	47.86 -1.89 0.00	41.45 -1.59 0.00	34.95 -0.71 0.00
RUSSELL___4 23556	36.71 0.54 0.00	31.03 -0.44 0.00	29.07 -0.47 0.00	27.80 -0.45 0.00	29.87 -0.64 0.00	34.50 -0.88 0.00	43.73 -1.59 0.00	48.47 -1.81 0.00	44.62 -1.76 0.00	42.49 -1.72 0.00	39.96 -1.45 0.00	37.87 -1.46 0.00	36.98 -1.50 0.00	36.55 -1.44 0.00	36.41 -1.48 0.00	38.40 -1.77 0.00	41.24 -1.90 0.01	45.74 -2.97 0.00	51.97 -2.28 0.01	56.32 -1.62 0.00	59.02 -1.20 0.00	47.86 -1.89 0.00	41.45 -1.59 0.00	34.95 -0.71 0.00
RUSSELL___STATION 23914	36.71 0.54 0.00	31.03 -0.44 0.00	29.07 -0.47 0.00	27.80 -0.45 0.00	29.87 -0.64 0.00	34.50 -0.88 0.00	43.73 -1.59 0.00	48.47 -1.81 0.00	44.62 -1.76 0.00	42.49 -1.72 0.00	39.96 -1.45 0.00	37.87 -1.46 0.00	36.98 -1.50 0.00	36.55 -1.44 0.00	36.41 -1.48 0.00	38.40 -1.77 0.00	41.24 -1.90 0.01	45.74 -2.97 0.00	51.97 -2.28 0.01	56.32 -1.62 0.00	59.02 -1.20 0.00	47.86 -1.89 0.00	41.45 -1.59 0.00	34.95 -0.71 0.00
S SALMON___HYD 24043	35.85 -0.33 0.00	31.03 -0.44 0.00	29.01 -0.53 0.00	27.77 -0.48 0.00	29.96 -0.55 0.00	34.71 -0.67 0.00	44.45 -0.86 0.00	49.17 -1.11 0.00	45.18 -1.21 0.00	42.89 -1.33 0.00	40.21 -1.20 0.00	38.11 -1.22 0.00	37.32 -1.15 0.00	36.85 -1.14 0.00	36.79 -1.10 0.00	39.04 -1.12 0.00	41.94 -1.21 0.00	47.45 -1.27 0.00	53.11 -1.14 0.00	57.13 -0.81 0.00	59.63 -0.60 0.00	49.10 -0.65 0.00	42.31 -0.73 0.00	34.99 -0.68 0.00
S.PERRY__115KV_TB1 80734	37.91 1.74 0.00	31.87 0.41 0.00	29.77 0.24 0.00	28.50 0.25 0.00	30.60 0.09 0.00	35.35 -0.04 0.00	44.86 -0.45 0.00	49.58 -0.70 0.00	45.13 -1.25 0.00	42.67 -1.55 0.00	40.00 -1.41 0.00	37.71 -1.61 0.00	36.78 -1.69 0.00	36.36 -1.63 0.00	36.26 -1.63 0.00	38.32 -1.85 0.00	41.19 -1.94 0.01	48.94 -2.24 -2.46	52.83 -1.41 0.01	57.88 -0.06 0.00	60.95 0.72 0.00	49.40 -0.35 0.00	42.66 -0.39 0.00	35.91 0.25 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	36.21 0.04 0.00	30.36 -1.10 0.00	28.36 -1.18 0.00	27.26 -0.99 0.00	29.17 -1.34 0.00	33.58 -1.80 0.00	42.00 -3.31 0.00	46.46 -3.82 0.00	42.72 -3.66 0.00	40.54 -3.67 0.00	38.34 -3.06 0.00	36.14 -3.19 0.00	35.28 -3.19 0.00	34.84 -3.15 0.00	34.71 -3.18 0.00	36.43 -3.74 0.00	39.12 -4.01 0.01	43.29 -4.82 0.61	49.42 -4.83 0.01	53.94 -4.00 0.00	56.74 -3.49 0.00	45.62 -4.13 0.00	39.69 -3.36 0.00	34.02 -1.64 0.00

SAWYER___23_KV_LOAD 55526	36.21 0.04 0.00	30.36 -1.10 0.00	28.36 -1.18 0.00	27.26 -0.99 0.00	29.17 -1.34 0.00	33.58 -1.80 0.00	42.00 -3.31 0.00	46.46 -3.82 0.00	42.72 -3.66 0.00	40.54 -3.67 0.00	38.34 -3.06 0.00	36.14 -3.19 0.00	35.28 -3.19 0.00	34.84 -3.15 0.00	34.71 -3.18 0.00	36.43 -3.74 0.00	39.12 -4.01 0.01	43.29 -4.82 0.61	49.42 -4.83 0.01	53.94 -4.00 0.00	56.74 -3.49 0.00	45.62 -4.13 0.00	39.69 -3.36 0.00	34.02 -1.64 0.00
SELKIRK___I 23801	37.11 0.94 0.00	32.57 1.10 0.00	30.63 1.09 0.00	29.26 1.02 0.00	31.40 0.89 0.00	36.16 0.78 0.00	46.27 0.95 0.00	51.44 1.16 0.00	47.45 1.07 0.00	45.18 0.97 0.00	42.24 0.83 0.00	40.03 0.71 0.00	39.21 0.73 0.00	38.64 0.65 0.00	38.54 0.64 0.00	41.01 0.84 0.00	44.01 0.86 0.00	49.84 1.12 0.00	53.55 1.41 2.12	59.74 1.80 0.00	62.03 1.81 0.00	50.99 1.24 0.00	44.03 0.99 0.00	36.38 0.71 0.00
SELKIRK___II 23799	36.97 0.79 0.00	32.44 0.98 0.00	30.51 0.97 0.00	29.15 0.90 0.00	31.24 0.73 0.00	36.02 0.64 0.00	46.13 0.82 0.00	51.29 1.01 0.00	47.40 1.02 0.00	45.18 0.97 0.00	42.24 0.83 0.00	40.11 0.79 0.00	39.29 0.81 0.00	38.71 0.72 0.00	38.61 0.72 0.00	41.05 0.88 0.00	44.05 0.91 0.00	49.79 1.07 0.00	53.11 1.30 2.44	59.62 1.68 0.00	61.86 1.63 0.00	50.79 1.05 0.00	43.86 0.82 0.00	36.23 0.57 0.00
SENECA OSWGO___HYD 24041	35.63 -0.54 0.00	30.84 -0.63 0.00	28.89 -0.65 0.00	27.68 -0.56 0.00	29.81 -0.70 0.00	34.46 -0.92 0.00	44.13 -1.18 0.00	48.93 -1.36 0.00	45.03 -1.35 0.00	42.89 -1.33 0.00	40.21 -1.20 0.00	38.15 -1.18 0.00	37.32 -1.15 0.00	36.89 -1.10 0.00	36.79 -1.10 0.00	38.96 -1.20 0.00	41.85 -1.29 0.00	47.26 -1.46 0.00	52.73 -1.52 0.00	56.61 -1.33 0.00	58.90 -1.33 0.00	48.50 -1.24 0.00	41.79 -1.25 0.00	34.70 -0.96 0.00
SENECA___115KV_TB3 355854	36.71 0.54 0.00	30.68 -0.79 0.00	28.62 -0.92 0.00	27.51 -0.73 0.00	29.44 -1.07 0.00	33.90 -1.49 0.00	42.46 -0.53 0.00	47.01 -2.85 0.00	43.18 -3.27 0.00	40.90 -3.32 0.00	38.72 -2.69 0.00	36.49 -2.83 0.00	35.63 -2.85 0.00	35.18 -2.81 0.00	35.05 -2.84 0.00	36.79 -3.37 0.00	39.47 -3.67 0.01	44.22 -3.85 0.65	49.96 -4.29 0.01	54.64 -3.30 0.00	57.46 -2.77 0.00	46.21 -3.53 0.00	40.20 -2.84 0.00	34.42 -1.25 0.00
SENECA___ENERGY 23797	36.35 0.18 0.00	31.21 -0.25 0.00	29.21 -0.32 0.00	27.97 -0.28 0.00	30.15 -0.36 0.00	34.85 -0.53 0.00	44.54 -0.77 0.00	49.38 -0.90 0.00	45.36 -1.02 0.00	43.11 -1.10 0.00	40.50 -0.91 0.00	38.30 -1.02 0.00	37.48 -1.00 0.00	37.05 -0.95 0.00	36.91 -0.99 0.00	39.08 -1.08 0.00	41.98 -1.16 0.00	47.57 -1.31 -0.17	52.90 -1.35 0.00	57.07 -0.87 0.00	59.51 -0.72 0.00	48.85 -0.89 0.00	42.10 -0.95 0.00	35.13 -0.53 0.00
SHOEMAKER___GT 23640	37.76 1.59 0.00	33.04 1.57 0.00	31.07 1.54 0.00	29.77 1.52 0.00	31.82 1.31 0.00	36.65 1.27 0.00	47.08 1.77 0.00	52.24 1.96 0.00	48.42 2.04 0.00	46.16 1.94 0.00	43.11 1.70 0.00	40.98 1.65 0.00	40.17 1.69 0.00	39.66 1.67 0.00	39.60 1.71 0.00	41.97 1.81 0.00	44.95 1.81 0.00	50.96 2.24 0.00	56.75 2.50 0.00	61.12 3.18 0.00	63.42 3.19 0.00	51.88 2.14 0.00	44.81 1.77 0.00	37.02 1.35 0.00
SHOEMAKR_138KV_BK 111 55601	37.80 1.63 0.00	33.07 1.60 0.00	31.10 1.57 0.00	29.77 1.53 0.00	31.82 1.31 0.00	36.69 1.31 0.00	47.12 1.81 0.00	52.29 2.01 0.00	48.47 2.09 0.00	46.20 1.99 0.00	43.19 1.78 0.00	41.06 1.73 0.00	40.21 1.73 0.00	39.74 1.75 0.00	39.64 1.74 0.00	42.01 1.85 0.00	45.00 1.86 0.00	51.06 2.34 0.00	56.80 2.55 0.00	61.18 3.24 0.00	63.36 3.13 0.00	51.88 2.14 0.00	44.76 1.72 0.00	37.06 1.39 0.00
SHOREHAM_IC_1 23715	44.40 3.47 -4.76	38.57 2.99 -4.11	33.11 2.92 -0.65	31.14 2.88 -0.01	33.21 2.69 -0.01	38.15 2.76 -0.01	48.86 3.54 -0.01	54.21 3.92 0.00	50.15 3.76 -0.01	47.80 3.58 -0.01	45.56 2.65 -1.50	45.03 2.52 -3.18	44.60 2.62 -3.50	43.33 2.66 -2.68	46.70 2.61 -6.20	48.23 3.05 -5.02	55.87 3.11 -9.62	67.39 3.80 -14.87	66.10 4.67 -7.18	76.36 5.62 -12.80	80.26 5.66 -14.37	60.22 3.98 -6.50	46.45 3.31 -0.09	41.76 3.17 -2.92
SHOREHAM_IC_2 23716	44.40 3.47 -4.76	38.57 2.99 -4.11	33.11 2.92 -0.65	31.14 2.88 -0.01	33.18 2.65 -0.01	38.15 2.76 -0.01	48.86 3.53 -0.01	54.21 3.92 0.00	50.15 3.76 -0.01	47.94 3.71 -0.01	45.56 2.65 -1.50	45.02 2.52 -3.18	44.59 2.62 -3.50	43.33 2.66 -2.68	46.93 2.84 -6.20	48.15 2.97 -5.02	55.87 3.11 -9.62	67.44 3.85 -14.87	66.04 4.61 -7.18	76.36 5.62 -12.80	80.14 5.54 -14.37	60.17 3.93 -6.50	46.36 3.23 -0.09	41.76 3.17 -2.92
SISSONVILLE____ 23735	34.43 -1.74 0.00	29.96 -1.51 0.00	27.97 -1.57 0.00	26.69 -1.55 0.00	29.05 -1.46 0.00	34.29 -1.10 0.00	44.13 -1.18 0.00	48.72 -1.56 0.00	44.57 -1.81 0.00	42.58 -1.64 0.00	39.88 -1.53 0.00	38.03 -1.30 0.00	37.13 -1.35 0.00	36.70 -1.29 0.00	36.64 -1.25 0.00	38.76 -1.41 0.00	41.68 -1.47 0.00	46.92 -1.80 0.00	52.19 -2.06 0.00	55.22 -2.72 0.00	57.52 -2.71 0.00	48.00 -1.74 0.00	41.97 -1.08 0.00	34.59 -1.07 0.00
SITHE_IND_GS1 24169	35.41 -0.76 0.00	30.65 -0.82 0.00	28.74 -0.80 0.00	27.54 -0.71 0.00	29.66 -0.85 0.00	34.29 -1.10 0.00	43.86 -1.45 0.00	48.62 -1.66 0.00	44.76 -1.62 0.00	42.66 -1.55 0.00	40.00 -1.41 0.00	37.95 -1.38 0.00	37.13 -1.35 0.00	36.70 -1.29 0.00	36.56 -1.33 0.00	38.76 -1.41 0.00	41.63 -1.51 0.00	46.97 -1.75 0.00	52.35 -1.90 0.00	56.14 -1.80 0.00	58.42 -1.81 0.00	48.05 -1.69 0.00	41.54 -1.51 0.00	34.49 -1.18 0.00
SITHE_IND_GS2 24170	35.41 -0.76 0.00	30.65 -0.82 0.00	28.74 -0.80 0.00	27.54 -0.71 0.00	29.66 -0.85 0.00	34.29 -1.10 0.00	43.86 -1.45 0.00	48.62 -1.66 0.00	44.76 -1.62 0.00	42.66 -1.55 0.00	40.00 -1.41 0.00	37.95 -1.38 0.00	37.13 -1.35 0.00	36.70 -1.29 0.00	36.56 -1.33 0.00	38.76 -1.41 0.00	41.63 -1.51 0.00	46.97 -1.75 0.00	52.35 -1.90 0.00	56.14 -1.80 0.00	58.42 -1.81 0.00	48.05 -1.69 0.00	41.54 -1.51 0.00	34.49 -1.18 0.00
SITHE_IND_GS3 24171	35.41 -0.76 0.00	30.65 -0.82 0.00	28.74 -0.80 0.00	27.54 -0.71 0.00	29.66 -0.85 0.00	34.29 -1.10 0.00	43.86 -1.45 0.00	48.62 -1.66 0.00	44.76 -1.62 0.00	42.66 -1.55 0.00	40.00 -1.41 0.00	37.95 -1.38 0.00	37.13 -1.35 0.00	36.70 -1.29 0.00	36.56 -1.33 0.00	38.76 -1.41 0.00	41.63 -1.51 0.00	46.97 -1.75 0.00	52.35 -1.90 0.00	56.14 -1.80 0.00	58.42 -1.81 0.00	48.05 -1.69 0.00	41.54 -1.51 0.00	34.49 -1.18 0.00
SITHE_IND_GS4 24172	35.41 -0.76 0.00	30.65 -0.82 0.00	28.74 -0.80 0.00	27.54 -0.71 0.00	29.66 -0.85 0.00	34.29 -1.10 0.00	43.86 -1.45 0.00	48.62 -1.66 0.00	44.76 -1.62 0.00	42.66 -1.55 0.00	40.00 -1.41 0.00	37.95 -1.38 0.00	37.13 -1.35 0.00	36.70 -1.29 0.00	36.56 -1.33 0.00	38.76 -1.41 0.00	41.63 -1.51 0.00	46.97 -1.75 0.00	52.35 -1.90 0.00	56.14 -1.80 0.00	58.42 -1.81 0.00	48.05 -1.69 0.00	41.54 -1.51 0.00	34.49 -1.18 0.00

SITHE____BATAVIA 24024	37.11 0.94 0.00	30.96 -0.50 0.00	28.95 -0.59 0.00	27.74 -0.51 0.00	29.78 -0.73 0.00	34.32 -1.06 0.00	43.50 -1.81 0.00	48.22 -2.06 0.00	44.11 -2.27 0.00	41.82 -2.39 0.00	39.50 -1.90 0.00	37.20 -2.12 0.00	36.29 -2.19 0.00	35.87 -2.13 0.00	35.73 -2.16 0.00	37.59 -2.57 0.00	40.37 -2.76 0.01	44.95 -3.41 0.36	51.04 -3.20 0.01	55.74 -2.20 0.00	58.30 -1.93 0.00	47.21 -2.54 0.00	40.93 -2.11 0.00	34.91 -0.75 0.00
SITHE____INDEPEND 23800	35.41 -0.76 0.00	30.65 -0.82 0.00	28.74 -0.80 0.00	27.54 -0.71 0.00	29.63 -0.88 0.00	34.29 -1.10 0.00	43.86 -1.45 0.00	48.57 -1.71 0.00	44.76 -1.62 0.00	42.67 -1.55 0.00	39.96 -1.45 0.00	37.95 -1.38 0.00	37.13 -1.35 0.00	36.70 -1.29 0.00	36.57 -1.33 0.00	38.76 -1.41 0.00	41.63 -1.51 0.00	46.92 -1.80 0.00	52.41 -1.84 0.00	56.14 -1.80 0.00	58.48 -1.75 0.00	48.10 -1.64 0.00	41.54 -1.51 0.00	34.49 -1.18 0.00
SITHE____MASSENA 23902	35.45 -0.72 0.00	30.80 -0.66 0.00	28.83 -0.71 0.00	27.51 -0.73 0.00	29.93 -0.58 0.00	35.17 -0.21 0.00	45.22 -0.09 0.00	49.98 -0.30 0.00	45.87 -0.51 0.00	43.86 -0.36 0.00	41.08 -0.33 0.00	39.17 -0.16 0.00	38.25 -0.23 0.00	37.80 -0.19 0.00	37.74 -0.15 0.00	39.89 -0.28 0.00	42.93 -0.21 0.00	48.28 -0.44 0.00	53.66 -0.60 0.00	56.72 -1.22 0.00	59.03 -1.20 0.00	49.25 -0.50 0.00	43.00 -0.04 0.00	35.59 -0.07 0.00
SITHE____OGDNSBRG 24021	35.48 -0.69 0.00	30.84 -0.63 0.00	28.83 -0.71 0.00	27.49 -0.76 0.00	29.96 -0.55 0.00	35.38 0.00 0.00	45.49 0.18 0.00	50.13 -0.15 0.00	45.78 -0.60 0.00	43.64 -0.57 0.00	40.83 -0.58 0.00	38.85 -0.47 0.00	37.98 -0.50 0.00	37.50 -0.49 0.00	37.48 -0.42 0.00	39.60 -0.56 0.00	42.71 -0.43 0.00	48.18 -0.54 0.00	53.71 -0.54 0.00	56.95 -0.98 0.00	59.45 -0.78 0.00	49.60 -0.15 0.00	43.30 0.26 0.00	35.66 0.00 0.00
SITHE____STERLING 23777	37.15 0.98 0.00	32.19 0.72 0.00	30.13 0.59 0.00	28.84 0.59 0.00	31.12 0.61 0.00	36.09 0.71 0.00	46.22 0.91 0.00	51.19 0.91 0.00	47.08 0.70 0.00	44.65 0.44 0.00	41.86 0.46 0.00	39.68 0.35 0.00	38.78 0.31 0.00	38.33 0.34 0.00	38.31 0.42 0.00	40.69 0.52 0.00	43.66 0.52 0.00	49.50 0.78 0.00	55.28 1.03 0.00	59.50 1.56 0.00	62.03 1.81 0.00	50.99 1.24 0.00	43.99 0.95 0.00	36.27 0.61 0.00
SLEIGHT__34_KV_TB1 80719	36.24 0.07 0.00	30.90 -0.57 0.00	28.92 -0.62 0.00	27.68 -0.56 0.00	29.78 -0.73 0.00	34.46 -0.92 0.00	43.91 -1.40 0.00	48.67 -1.61 0.00	44.80 -1.58 0.00	42.62 -1.59 0.00	40.04 -1.37 0.00	37.95 -1.38 0.00	37.13 -1.35 0.00	36.70 -1.29 0.00	36.57 -1.33 0.00	38.64 -1.53 0.00	41.50 -1.64 0.00	46.28 -2.44 0.00	52.30 -1.95 0.00	56.43 -1.51 0.00	59.02 -1.20 0.00	48.15 -1.59 0.00	41.58 -1.46 0.00	34.81 -0.86 0.00
SMITHTWN_69_KV_BK 1 55830	44.46 3.51 -4.78	38.62 3.02 -4.13	33.14 2.95 -0.65	31.14 2.88 -0.01	33.21 2.68 -0.01	38.19 2.80 -0.01	48.95 3.62 -0.01	54.41 4.12 0.00	50.33 3.94 -0.01	48.11 3.89 -0.01	45.86 2.94 -1.51	45.35 2.83 -3.20	44.92 2.92 -3.52	43.65 2.96 -2.69	47.24 3.11 -6.24	48.47 3.25 -5.06	56.22 3.41 -9.67	67.80 4.14 -14.94	66.34 4.83 -7.26	76.65 5.85 -12.86	80.40 5.72 -14.44	60.43 4.13 -6.56	46.49 3.36 -0.09	41.81 3.21 -2.94
SOUTH CAIRO____GT 23612	37.58 1.41 0.00	32.98 1.51 0.00	30.99 1.45 0.00	29.63 1.38 0.00	31.76 1.25 0.00	36.66 1.27 0.00	46.99 1.68 0.00	51.94 1.66 0.00	47.59 1.21 0.00	45.10 0.88 0.00	42.07 0.66 0.00	39.76 0.43 0.00	38.86 0.38 0.00	38.30 0.30 0.00	38.20 0.30 0.00	40.73 0.56 0.00	43.79 0.65 0.00	49.98 1.27 0.00	54.33 2.39 2.31	60.60 2.67 0.00	62.64 2.41 0.00	51.34 1.59 0.00	44.29 1.25 0.00	36.63 0.96 0.00
SOUTH HAMPTN____IC 23720	44.47 3.55 -4.75	38.59 3.02 -4.10	33.17 2.98 -0.64	31.17 2.91 -0.01	33.27 2.75 -0.01	38.19 2.79 -0.01	48.99 3.67 -0.01	54.36 4.07 0.00	50.33 3.94 -0.01	47.98 3.76 -0.01	45.64 2.73 -1.50	45.10 2.59 -3.18	44.66 2.69 -3.49	43.37 2.70 -2.68	46.76 2.69 -6.18	48.30 3.13 -5.00	55.94 3.19 -9.60	67.51 3.94 -14.84	66.23 4.83 -7.15	76.51 5.79 -12.77	80.36 5.78 -14.35	60.30 4.08 -6.47	46.45 3.31 -0.09	41.83 3.25 -2.92
SOUTHDOW_115KV_TB1 355954	38.38 2.21 0.00	31.75 0.28 0.00	29.57 0.03 0.00	28.45 0.20 0.00	30.45 -0.06 0.00	35.10 -0.28 0.00	44.04 -1.27 0.00	49.38 -0.91 0.00	45.41 -0.97 0.00	42.71 -1.50 0.00	40.54 -0.87 0.00	38.15 -1.18 0.00	37.21 -1.27 0.00	36.74 -1.25 0.00	36.49 -1.40 0.00	38.20 -1.97 0.00	40.89 -2.24 0.01	46.72 -1.66 0.34	51.75 -2.50 0.01	56.90 -1.04 0.00	59.81 -0.42 0.00	48.20 -1.54 0.00	41.79 -1.25 0.00	35.70 0.04 0.00
SOUTHOLD_69_KV_BK 2 55809	44.43 3.51 -4.75	38.56 2.99 -4.10	33.11 2.92 -0.64	31.11 2.85 -0.01	33.18 2.65 -0.01	38.12 2.72 -0.01	48.99 3.67 -0.01	54.41 4.12 0.00	50.33 3.94 -0.01	47.98 3.76 -0.01	45.52 2.61 -1.50	44.94 2.44 -3.18	44.47 2.50 -3.49	43.18 2.51 -2.68	46.57 2.50 -6.18	48.14 2.97 -5.00	55.85 3.11 -9.60	67.46 3.90 -14.85	66.18 4.78 -7.15	76.39 5.68 -12.78	80.18 5.60 -14.35	60.15 3.93 -6.47	46.24 3.10 -0.09	41.76 3.17 -2.92
SOUTH_FORK_WT_PWR 323839	44.06 3.15 -4.75	38.24 2.67 -4.10	32.81 2.63 -0.64	30.83 2.57 -0.01	32.90 2.38 -0.01	37.80 2.41 -0.01	48.59 3.26 -0.01	53.91 3.62 0.00	49.91 3.52 -0.01	47.63 3.40 -0.01	45.02 2.11 -1.50	44.51 2.00 -3.18	44.05 2.08 -3.49	42.72 2.05 -2.68	46.15 2.08 -6.18	47.66 2.49 -5.00	55.42 2.68 -9.60	66.92 3.36 -14.85	65.58 4.18 -7.15	75.70 4.98 -12.77	79.40 4.82 -14.35	59.50 3.28 -6.47	45.72 2.58 -0.09	41.40 2.82 -2.92
SPIERFLS_115KV_TB 1 80737	37.98 1.81 0.00	33.26 1.79 0.00	31.28 1.74 0.00	29.86 1.61 0.00	32.07 1.56 0.00	37.01 1.63 0.00	47.49 2.17 0.00	52.95 2.66 0.00	48.65 2.27 0.00	46.20 1.99 0.00	43.23 1.82 0.00	40.78 1.46 0.00	39.94 1.46 0.00	39.40 1.41 0.00	39.26 1.36 0.00	41.85 1.69 0.00	45.00 1.86 0.00	51.20 2.48 0.00	59.03 3.15 -1.63	61.65 3.71 0.00	64.14 3.91 0.00	52.48 2.74 0.00	45.11 2.07 0.00	37.16 1.50 0.00
ST LAWRENCE____ 23600	35.30 -0.87 0.00	30.68 -0.79 0.00	28.74 -0.80 0.00	27.46 -0.79 0.00	29.87 -0.64 0.00	34.99 -0.39 0.00	44.95 -0.36 0.00	49.78 -0.50 0.00	45.78 -0.60 0.00	43.73 -0.49 0.00	40.95 -0.45 0.00	39.01 -0.32 0.00	38.13 -0.35 0.00	37.65 -0.34 0.00	37.55 -0.34 0.00	39.72 -0.44 0.00	42.75 -0.39 0.00	48.14 -0.58 0.00	53.49 -0.76 0.00	56.55 -1.39 0.00	58.78 -1.45 0.00	49.05 -0.70 0.00	42.70 -0.35 0.00	35.42 -0.25 0.00

STATE_CA_115KV_115_LB 55624	37.00 0.83 0.00	32.50 1.04 0.00	30.57 1.03 0.00	29.21 0.96 0.00	31.34 0.82 0.00	36.09 0.71 0.00	46.17 0.86 0.00	51.49 1.21 0.00	47.45 1.07 0.00	45.27 1.06 0.00	42.40 0.99 0.00	40.19 0.87 0.00	39.40 0.92 0.00	38.68 0.68 0.00	38.57 0.68 0.00	41.09 0.92 0.00	44.01 0.86 0.00	49.84 1.12 0.00	54.33 1.30 1.22	59.85 1.91 0.00	62.04 1.81 0.00	50.89 1.14 0.00	43.90 0.86 0.00	36.27 0.61 0.00
STATE_ST_34_KV_LOAD 55959	36.42 0.25 0.00	31.40 -0.06 0.00	29.39 -0.15 0.00	28.14 -0.11 0.00	30.30 -0.21 0.00	35.06 -0.32 0.00	44.95 -0.36 0.00	49.78 -0.50 0.00	45.82 -0.56 0.00	43.59 -0.62 0.00	40.83 -0.58 0.00	38.70 -0.63 0.00	37.90 -0.58 0.00	37.46 -0.53 0.00	37.36 -0.53 0.00	39.56 -0.60 0.00	42.50 -0.65 0.00	47.94 -0.78 0.00	53.66 -0.60 0.00	57.76 -0.17 0.00	60.23 0.00 0.00	49.45 -0.30 0.00	42.61 -0.43 0.00	35.34 -0.32 0.00
STATION_5_MISC_HYD 23604	36.50 0.32 0.00	30.90 -0.57 0.00	28.95 -0.59 0.00	27.71 -0.54 0.00	29.81 -0.70 0.00	34.39 -0.99 0.00	43.54 -1.77 0.00	48.27 -2.01 0.00	44.43 -1.95 0.00	42.27 -1.94 0.00	39.83 -1.57 0.00	37.68 -1.65 0.00	36.79 -1.69 0.00	36.36 -1.63 0.00	36.23 -1.67 0.00	38.24 -1.93 0.00	41.03 -2.11 0.01	45.89 -2.83 0.00	51.54 -2.71 0.01	55.91 -2.03 0.00	58.30 -1.93 0.00	47.51 -2.24 0.00	41.11 -1.94 0.00	34.77 -0.89 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	36.57 0.40 0.00	31.12 -0.35 0.00	29.12 -0.41 0.00	27.88 -0.37 0.00	29.99 -0.52 0.00	34.67 -0.71 0.00	44.09 -1.22 0.00	48.87 -1.41 0.00	44.99 -1.39 0.00	42.80 -1.41 0.00	40.17 -1.24 0.00	38.07 -1.26 0.00	37.21 -1.27 0.00	36.78 -1.22 0.00	36.64 -1.25 0.00	38.72 -1.45 0.00	41.58 -1.55 0.01	46.53 -2.19 0.00	52.46 -1.79 0.01	56.72 -1.22 0.00	59.33 -0.90 0.00	48.35 -1.39 0.00	41.79 -1.25 0.00	35.02 -0.64 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	36.28 0.11 0.00	30.77 -0.69 0.00	28.80 -0.74 0.00	27.57 -0.68 0.00	29.63 -0.88 0.00	34.21 -1.17 0.00	43.36 -1.95 0.00	48.12 -2.16 0.00	44.29 -2.09 0.00	42.18 -2.03 0.00	39.67 -1.74 0.00	37.56 -1.77 0.00	36.71 -1.77 0.00	36.28 -1.71 0.00	36.15 -1.74 0.00	38.16 -2.01 0.00	40.94 -2.20 0.00	45.45 -3.26 0.00	51.59 -2.66 0.00	55.85 -2.09 0.00	58.48 -1.75 0.00	47.46 -2.29 0.00	41.11 -1.94 0.00	34.63 -1.03 0.00
STA_56___34_KV_BUS2 355983	36.28 0.11 0.00	30.77 -0.69 0.00	28.80 -0.74 0.00	27.57 -0.68 0.00	29.63 -0.88 0.00	34.21 -1.17 0.00	43.36 -1.95 0.00	48.12 -2.16 0.00	44.29 -2.09 0.00	42.18 -2.03 0.00	39.67 -1.74 0.00	37.56 -1.77 0.00	36.71 -1.77 0.00	36.28 -1.71 0.00	36.15 -1.74 0.00	38.16 -2.01 0.00	40.94 -2.20 0.00	45.45 -3.26 0.00	51.59 -2.66 0.00	55.85 -2.09 0.00	58.48 -1.75 0.00	47.46 -2.29 0.00	41.11 -1.94 0.00	34.63 -1.03 0.00
STA_67___115KV_BK2 355882	36.39 0.22 0.00	30.84 -0.63 0.00	28.89 -0.65 0.00	27.65 -0.59 0.00	29.72 -0.79 0.00	34.32 -1.06 0.00	43.45 -1.86 0.00	48.17 -2.11 0.00	44.29 -2.09 0.00	42.18 -2.03 0.00	39.67 -1.74 0.00	37.56 -1.77 0.00	36.71 -1.77 0.00	36.28 -1.71 0.00	36.15 -1.74 0.00	38.12 -2.05 0.00	40.94 -2.20 0.01	45.40 -3.31 0.00	51.59 -2.66 0.01	55.85 -2.09 0.00	58.54 -1.69 0.00	47.46 -2.29 0.00	41.15 -1.89 0.00	34.70 -0.96 0.00
STA_7___115KV_9TRANS 80674	36.71 0.54 0.00	31.03 -0.44 0.00	29.07 -0.47 0.00	27.80 -0.45 0.00	29.87 -0.64 0.00	34.50 -0.88 0.00	43.73 -1.59 0.00	48.47 -1.81 0.00	44.62 -1.76 0.00	42.49 -1.72 0.00	39.96 -1.45 0.00	37.87 -1.46 0.00	36.98 -1.50 0.00	36.55 -1.44 0.00	36.41 -1.48 0.00	38.40 -1.77 0.00	41.24 -1.90 0.01	45.74 -2.97 0.00	51.97 -2.28 0.01	56.32 -1.62 0.00	59.02 -1.20 0.00	47.86 -1.89 0.00	41.45 -1.59 0.00	34.95 -0.71 0.00
STA_82___115KV_TB1 80780	36.42 0.25 0.00	30.87 -0.60 0.00	28.89 -0.65 0.00	27.65 -0.59 0.00	29.72 -0.79 0.00	34.32 -1.06 0.00	43.45 -1.86 0.00	48.17 -2.11 0.00	44.29 -2.09 0.00	42.18 -2.03 0.00	39.67 -1.74 0.00	37.56 -1.77 0.00	36.71 -1.77 0.00	36.28 -1.71 0.00	36.15 -1.74 0.00	38.12 -2.05 0.00	40.94 -2.20 0.01	45.40 -3.31 0.00	51.59 -2.66 0.01	55.91 -2.03 0.00	58.54 -1.69 0.00	47.51 -2.24 0.00	41.15 -1.89 0.00	34.70 -0.96 0.00
STEEL___WIND 323596	36.68 0.51 0.00	30.65 -0.82 0.00	28.62 -0.92 0.00	27.51 -0.73 0.00	29.47 -1.04 0.00	33.86 -1.52 0.00	42.41 -2.90 0.00	46.96 -3.32 0.00	43.13 -3.25 0.00	40.85 -3.36 0.00	38.80 -2.61 0.00	36.46 -2.87 0.00	35.55 -2.93 0.00	35.14 -2.85 0.00	34.98 -2.92 0.00	36.71 -3.45 0.00	39.42 -3.71 0.01	43.97 -4.09 0.65	49.96 -4.29 0.01	54.46 -3.47 0.00	56.92 -3.31 0.00	46.12 -3.63 0.00	40.03 -3.01 0.00	34.38 -1.28 0.00
STEPHTWN_115KV_BK_2 55603	37.26 1.09 0.00	32.72 1.26 0.00	30.78 1.24 0.00	29.38 1.13 0.00	31.52 1.01 0.00	36.30 0.92 0.00	46.49 1.18 0.00	51.84 1.56 0.00	47.77 1.39 0.00	45.49 1.28 0.00	42.57 1.16 0.00	40.35 1.02 0.00	39.52 1.04 0.00	38.91 0.91 0.00	38.80 0.91 0.00	41.37 1.20 0.00	44.35 1.21 0.00	50.28 1.56 0.00	51.86 1.84 4.24	60.26 2.32 0.00	62.46 2.23 0.00	51.24 1.49 0.00	44.16 1.12 0.00	36.45 0.78 0.00
STEUBEN_REC_LFGE 323667	37.40 1.23 0.00	31.59 0.13 0.00	29.45 -0.09 0.00	28.25 0.00 0.00	30.30 -0.21 0.00	34.92 -0.46 0.00	44.22 -1.09 0.00	48.72 -1.56 0.00	44.53 -1.86 0.00	42.09 -2.12 0.00	39.50 -1.90 0.00	37.20 -2.12 0.00	36.32 -2.15 0.00	35.94 -2.05 0.00	35.77 -2.12 0.00	37.76 -2.41 0.00	40.48 -2.63 0.03	48.06 -2.29 -1.63	51.84 -2.39 0.03	56.90 -1.04 0.00	59.87 -0.36 0.00	48.80 -0.95 0.00	42.14 -0.90 0.00	35.56 -0.11 0.00
STILLWATER___SOLAR 323814	37.87 1.70 0.00	33.20 1.73 0.00	31.22 1.68 0.00	29.80 1.55 0.00	31.95 1.43 0.00	36.90 1.52 0.00	47.30 1.99 0.00	52.64 2.36 0.00	48.47 2.09 0.00	46.11 1.90 0.00	43.07 1.66 0.00	40.78 1.46 0.00	39.94 1.46 0.00	39.36 1.37 0.00	39.22 1.33 0.00	41.81 1.65 0.00	44.95 1.81 0.00	51.01 2.29 0.00	59.03 2.87 -1.91	61.36 3.42 0.00	63.72 3.49 0.00	52.23 2.49 0.00	45.02 1.98 0.00	37.05 1.39 0.00
STONY___BROOK 24151	44.45 3.51 -4.77	38.61 3.02 -4.12	33.14 2.95 -0.65	31.14 2.88 -0.01	33.24 2.71 -0.01	38.19 2.79 -0.01	48.95 3.63 -0.01	54.31 4.02 0.00	50.24 3.85 -0.01	47.94 3.71 -0.01	45.77 2.85 -1.51	45.27 2.75 -3.19	44.84 2.85 -3.51	43.57 2.89 -2.69	46.97 2.84 -6.23	48.46 3.25 -5.05	56.12 3.32 -9.66	67.64 4.00 -14.93	66.27 4.78 -7.24	76.52 5.74 -12.84	80.44 5.78 -14.42	60.37 4.08 -6.54	46.54 3.40 -0.09	41.77 3.17 -2.94
STURGEON_POOL_HYD 23609	37.98 1.81 0.00	33.26 1.79 0.00	31.28 1.74 0.00	29.94 1.69 0.00	31.98 1.46 0.00	36.83 1.45 0.00	47.35 2.04 0.00	52.49 2.21 0.00	48.70 2.32 0.00	46.38 2.17 0.00	43.31 1.90 0.00	41.17 1.85 0.00	40.32 1.85 0.00	39.86 1.86 0.00	39.79 1.89 0.00	42.13 1.97 0.00	45.17 2.03 0.00	51.30 2.58 0.00	56.71 2.98 0.53	61.53 3.59 0.00	63.60 3.37 0.00	52.08 2.34 0.00	44.98 1.94 0.00	37.20 1.53 0.00

ST_LAW_115_BK7_LBMP 345037	35.23 -0.94 0.00	30.62 -0.85 0.00	28.68 -0.86 0.00	27.37 -0.88 0.00	29.84 -0.67 0.00	34.96 -0.42 0.00	44.90 -0.41 0.00	49.73 -0.55 0.00	45.73 -0.65 0.00	43.68 -0.53 0.00	40.91 -0.50 0.00	38.97 -0.35 0.00	38.09 -0.38 0.00	37.61 -0.38 0.00	37.51 -0.38 0.00	39.69 -0.48 0.00	42.71 -0.43 0.00	48.08 -0.63 0.00	53.38 -0.87 0.00	56.43 -1.51 0.00	58.73 -1.50 0.00	49.00 -0.74 0.00	42.70 -0.35 0.00	35.38 -0.29 0.00
ST_LAW_115_BK8_LBMP 345038	35.23 -0.94 0.00	30.62 -0.85 0.00	28.68 -0.86 0.00	27.37 -0.88 0.00	29.84 -0.67 0.00	34.96 -0.42 0.00	44.90 -0.41 0.00	49.73 -0.55 0.00	45.73 -0.65 0.00	43.68 -0.53 0.00	40.91 -0.50 0.00	38.97 -0.35 0.00	38.09 -0.38 0.00	37.61 -0.38 0.00	37.51 -0.38 0.00	39.69 -0.48 0.00	42.71 -0.43 0.00	48.08 -0.63 0.00	53.38 -0.87 0.00	56.43 -1.51 0.00	58.73 -1.50 0.00	49.00 -0.74 0.00	42.70 -0.35 0.00	35.38 -0.29 0.00
ST_LAW_230_BK5_LBMP 345035	35.30 -0.87 0.00	30.68 -0.79 0.00	28.74 -0.80 0.00	27.46 -0.79 0.00	29.87 -0.64 0.00	34.99 -0.39 0.00	44.95 -0.36 0.00	49.78 -0.50 0.00	45.78 -0.60 0.00	43.73 -0.49 0.00	40.95 -0.45 0.00	39.01 -0.32 0.00	38.13 -0.35 0.00	37.65 -0.34 0.00	37.55 -0.34 0.00	39.72 -0.44 0.00	42.75 -0.39 0.00	48.14 -0.58 0.00	53.49 -0.76 0.00	56.55 -1.39 0.00	58.78 -1.45 0.00	49.05 -0.70 0.00	42.70 -0.35 0.00	35.42 -0.25 0.00
ST_LAW_230_BK6_LBMP 345036	35.30 -0.87 0.00	30.68 -0.79 0.00	28.74 -0.80 0.00	27.46 -0.79 0.00	29.87 -0.64 0.00	34.99 -0.39 0.00	44.95 -0.36 0.00	49.78 -0.50 0.00	45.78 -0.60 0.00	43.73 -0.49 0.00	40.95 -0.45 0.00	39.01 -0.32 0.00	38.13 -0.35 0.00	37.65 -0.34 0.00	37.55 -0.34 0.00	39.72 -0.44 0.00	42.75 -0.39 0.00	48.14 -0.58 0.00	53.49 -0.76 0.00	56.55 -1.39 0.00	58.78 -1.45 0.00	49.05 -0.70 0.00	42.70 -0.35 0.00	35.42 -0.25 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	37.98 1.81 0.00	33.23 1.76 0.00	31.25 1.71 0.00	29.91 1.67 0.00	31.95 1.43 0.00	36.83 1.45 0.00	47.35 2.04 0.00	52.59 2.31 0.00	48.75 2.37 0.00	46.51 2.30 0.00	43.48 2.07 0.00	41.33 2.01 0.00	40.52 2.04 0.00	40.01 2.01 0.00	39.94 2.05 0.00	42.33 2.17 0.00	45.30 2.16 0.00	51.40 2.68 0.00	57.13 2.88 0.00	61.59 3.65 0.00	63.78 3.55 0.00	52.18 2.44 0.00	45.02 1.98 0.00	37.23 1.57 0.00
SWANROAD_115KV_TB1 355699	35.48 -0.69 0.00	29.77 -1.70 0.00	27.80 -1.74 0.00	26.72 -1.53 0.00	28.59 -1.92 0.00	32.91 -2.48 0.00	41.10 -4.21 0.00	45.40 -4.88 0.00	41.79 -4.59 0.00	39.66 -4.55 0.00	37.47 -3.93 0.00	35.35 -3.97 0.00	34.48 -4.00 0.00	34.04 -3.95 0.00	33.95 -3.94 0.00	35.59 -4.58 0.00	38.26 -4.88 0.01	42.25 -5.89 0.57	48.28 -5.97 0.01	52.67 -5.27 0.00	55.41 -4.82 0.00	44.52 -5.22 0.00	38.78 -4.26 0.00	33.31 -2.35 0.00
SYNERGY___BIOGAS 323694	37.11 0.94 0.00	30.96 -0.50 0.00	28.95 -0.59 0.00	27.74 -0.51 0.00	29.72 -0.79 0.00	34.29 -1.10 0.00	43.50 -1.81 0.00	48.22 -2.06 0.00	44.11 -2.27 0.00	41.83 -2.39 0.00	39.38 -2.03 0.00	37.20 -2.12 0.00	36.28 -2.19 0.00	35.87 -2.13 0.00	35.73 -2.16 0.00	37.59 -2.57 0.00	40.38 -2.76 0.01	44.80 -3.56 0.36	51.15 -3.09 0.01	55.85 -2.09 0.00	58.72 -1.51 0.00	47.31 -2.44 0.00	41.06 -1.98 0.00	34.92 -0.75 0.00
SYRACUSE___ENERGY_ST1 323597	36.24 0.07 0.00	31.31 -0.16 0.00	29.33 -0.21 0.00	28.08 -0.17 0.00	30.24 -0.27 0.00	34.96 -0.42 0.00	44.81 -0.50 0.00	49.63 -0.65 0.00	45.73 -0.65 0.00	43.55 -0.66 0.00	40.83 -0.58 0.00	38.74 -0.59 0.00	37.94 -0.54 0.00	37.50 -0.49 0.00	37.36 -0.53 0.00	39.60 -0.56 0.00	42.50 -0.65 0.00	47.94 -0.78 0.00	53.55 -0.71 0.00	57.53 -0.41 0.00	59.93 -0.30 0.00	49.25 -0.50 0.00	42.48 -0.56 0.00	35.24 -0.43 0.00
SYRACUSE___ENERGY_ST2 323598	36.24 0.07 0.00	31.31 -0.16 0.00	29.33 -0.21 0.00	28.08 -0.17 0.00	30.24 -0.27 0.00	34.96 -0.42 0.00	44.81 -0.50 0.00	49.63 -0.65 0.00	45.73 -0.65 0.00	43.55 -0.66 0.00	40.83 -0.58 0.00	38.74 -0.59 0.00	37.94 -0.54 0.00	37.50 -0.49 0.00	37.36 -0.53 0.00	39.60 -0.56 0.00	42.50 -0.65 0.00	47.94 -0.78 0.00	53.55 -0.71 0.00	57.53 -0.41 0.00	59.93 -0.30 0.00	49.25 -0.50 0.00	42.48 -0.56 0.00	35.24 -0.43 0.00
SYRACUSE___POWER 24017	36.32 0.14 0.00	31.40 -0.06 0.00	29.42 -0.12 0.00	28.16 -0.08 0.00	30.30 -0.21 0.00	35.03 -0.35 0.00	44.86 -0.45 0.00	49.73 -0.55 0.00	45.82 -0.56 0.00	43.64 -0.57 0.00	40.91 -0.50 0.00	38.81 -0.51 0.00	38.02 -0.46 0.00	37.54 -0.46 0.00	37.44 -0.45 0.00	39.64 -0.52 0.00	42.58 -0.56 0.00	48.04 -0.68 0.00	53.71 -0.54 0.00	57.71 -0.23 0.00	60.11 -0.12 0.00	49.35 -0.40 0.00	42.57 -0.47 0.00	35.31 -0.36 0.00
TALLMAN__138KV_BK151 55660	38.16 1.99 0.00	33.38 1.92 0.00	31.43 1.89 0.00	30.08 1.84 0.00	32.10 1.59 0.00	36.97 1.59 0.00	47.58 2.27 0.00	52.90 2.61 0.00	49.12 2.74 0.00	46.87 2.65 0.00	43.81 2.40 0.00	41.65 2.32 0.00	40.82 2.35 0.00	40.35 2.36 0.00	40.28 2.39 0.00	42.66 2.49 0.00	45.69 2.55 0.00	51.79 3.07 0.00	57.51 3.26 0.00	62.05 4.11 0.00	64.20 3.98 0.00	52.48 2.74 0.00	45.28 2.24 0.00	37.45 1.78 0.00
TEALLAVE_115KV_TB7 355573	36.17 0.00 0.00	31.28 -0.19 0.00	29.30 -0.24 0.00	28.08 -0.17 0.00	30.21 -0.31 0.00	34.92 -0.46 0.00	44.68 -0.63 0.00	49.58 -0.70 0.00	45.64 -0.74 0.00	43.51 -0.71 0.00	40.79 -0.62 0.00	38.70 -0.63 0.00	37.90 -0.58 0.00	37.46 -0.53 0.00	37.32 -0.57 0.00	39.52 -0.64 0.00	42.45 -0.69 0.00	47.84 -0.88 0.00	53.49 -0.76 0.00	57.42 -0.52 0.00	59.81 -0.42 0.00	49.15 -0.60 0.00	42.35 -0.69 0.00	35.16 -0.50 0.00
TELGRAPH_34_KV_EAST 80808	36.42 0.25 0.00	30.49 -0.98 0.00	28.47 -1.06 0.00	27.32 -0.93 0.00	29.26 -1.25 0.00	33.72 -1.66 0.00	42.37 -2.95 0.00	46.86 -3.42 0.00	43.00 -3.39 0.00	40.81 -3.40 0.00	38.55 -2.86 0.00	36.38 -2.95 0.00	35.48 -3.00 0.00	35.03 -2.96 0.00	34.90 -2.99 0.00	36.67 -3.49 0.00	39.43 -3.71 0.01	43.58 -4.68 0.46	49.80 -4.45 0.01	54.35 -3.59 0.00	57.16 -3.07 0.00	45.97 -3.78 0.00	39.99 -3.06 0.00	34.17 -1.50 0.00
TEMPLE___115KV_TB 2 55572	36.21 0.04 0.00	31.31 -0.16 0.00	29.33 -0.21 0.00	28.11 -0.14 0.00	30.24 -0.27 0.00	34.96 -0.42 0.00	44.72 -0.59 0.00	49.58 -0.70 0.00	45.69 -0.70 0.00	43.51 -0.71 0.00	40.83 -0.58 0.00	38.74 -0.59 0.00	37.94 -0.54 0.00	37.50 -0.49 0.00	37.36 -0.53 0.00	39.56 -0.60 0.00	42.50 -0.65 0.00	47.89 -0.83 0.00	53.49 -0.76 0.00	57.48 -0.46 0.00	59.87 -0.36 0.00	49.15 -0.60 0.00	42.40 -0.65 0.00	35.20 -0.46 0.00
TIANA____69_KV_BK 1 55817	44.50 3.58 -4.75	38.62 3.05 -4.10	33.20 3.01 -0.64	31.20 2.94 -0.01	33.24 2.72 -0.01	38.22 2.83 -0.01	49.04 3.72 -0.01	54.41 4.12 0.00	50.33 3.94 -0.01	48.11 3.89 -0.01	45.68 2.77 -1.50	45.14 2.63 -3.18	44.70 2.73 -3.49	43.41 2.74 -2.68	47.03 2.96 -6.18	48.26 3.09 -5.00	55.98 3.24 -9.60	67.61 4.04 -14.85	66.23 4.83 -7.15	76.57 5.85 -12.77	80.30 5.72 -14.35	60.30 4.08 -6.47	46.45 3.31 -0.09	41.83 3.25 -2.92

TILDEN___115KV_TB1 80814	36.32 0.14 0.00	31.40 -0.06 0.00	29.42 -0.12 0.00	28.16 -0.08 0.00	30.30 -0.21 0.00	35.03 -0.35 0.00	44.86 -0.45 0.00	49.73 -0.55 0.00	45.82 -0.56 0.00	43.64 -0.57 0.00	40.91 -0.50 0.00	38.81 -0.51 0.00	38.02 -0.46 0.00	37.54 -0.46 0.00	37.44 -0.45 0.00	39.64 -0.52 0.00	42.58 -0.56 0.00	48.04 -0.68 0.00	53.71 -0.54 0.00	57.71 -0.23 0.00	60.11 -0.12 0.00	49.35 -0.40 0.00	42.57 -0.47 0.00	35.31 -0.36 0.00
TRIGEN___CC 323695	48.41 2.68 -9.56	42.15 2.42 -8.26	33.20 2.36 -1.30	30.58 2.32 -0.02	32.61 2.07 -0.02	37.60 2.19 -0.02	48.41 3.08 -0.02	53.86 3.57 -0.01	49.79 3.39 -0.02	47.68 3.45 -0.02	47.08 2.65 -3.02	48.32 2.60 -6.40	48.21 2.69 -7.04	46.08 2.70 -5.39	56.02 2.77 -15.36	55.69 2.85 -12.67	66.12 2.93 -20.05	82.20 3.51 -29.97	80.07 3.85 -21.96	89.33 4.69 -26.69	94.77 4.58 -29.96	71.20 3.28 -18.17	45.94 2.71 -0.19	43.97 2.43 -5.88
TRINITY___115KV___4 BK 55933	36.93 0.76 0.00	32.44 0.98 0.00	30.51 0.97 0.00	29.15 0.90 0.00	31.27 0.76 0.00	36.02 0.64 0.00	46.08 0.77 0.00	51.34 1.06 0.00	47.36 0.97 0.00	45.14 0.93 0.00	42.28 0.87 0.00	40.15 0.83 0.00	39.32 0.85 0.00	38.64 0.65 0.00	38.54 0.64 0.00	41.05 0.88 0.00	43.96 0.82 0.00	49.79 1.07 0.00	54.68 1.25 0.82	59.68 1.74 0.00	61.86 1.63 0.00	50.74 0.99 0.00	43.82 0.77 0.00	36.16 0.50 0.00
UNION___PROCESSING_DRP 323587	36.42 0.25 0.00	30.87 -0.60 0.00	28.89 -0.65 0.00	27.65 -0.59 0.00	29.72 -0.79 0.00	34.32 -1.06 0.00	43.45 -1.86 0.00	48.17 -2.11 0.00	44.34 -2.04 0.00	42.18 -2.03 0.00	39.67 -1.74 0.00	37.60 -1.73 0.00	36.71 -1.77 0.00	36.28 -1.71 0.00	36.15 -1.74 0.00	38.12 -2.05 0.00	40.94 -2.20 0.01	45.40 -3.31 0.00	51.64 -2.60 0.01	55.91 -2.03 0.00	58.54 -1.69 0.00	47.51 -2.24 0.00	41.15 -1.89 0.00	34.70 -0.96 0.00
UPPER HUDSON___HYD 24058	37.98 1.81 0.00	33.26 1.79 0.00	31.28 1.74 0.00	29.86 1.61 0.00	32.04 1.52 0.00	37.01 1.63 0.00	47.49 2.17 0.00	52.94 2.66 0.00	48.65 2.27 0.00	46.20 1.99 0.00	43.19 1.78 0.00	40.78 1.46 0.00	39.94 1.46 0.00	39.40 1.41 0.00	39.25 1.36 0.00	41.81 1.65 0.00	45.00 1.85 0.00	51.15 2.43 0.00	59.03 3.15 -1.63	61.65 3.71 0.00	64.14 3.91 0.00	52.48 2.73 0.00	45.15 2.11 0.00	37.16 1.50 0.00
UPPER RAQUET___HYD 24056	34.44 -1.74 0.00	29.96 -1.51 0.00	27.97 -1.57 0.00	26.69 -1.55 0.00	29.05 -1.46 0.00	34.29 -1.10 0.00	44.13 -1.18 0.00	48.72 -1.56 0.00	44.57 -1.81 0.00	42.58 -1.63 0.00	39.88 -1.53 0.00	38.03 -1.30 0.00	37.13 -1.35 0.00	36.70 -1.29 0.00	36.64 -1.25 0.00	38.76 -1.41 0.00	41.68 -1.47 0.00	46.92 -1.80 0.00	52.19 -2.06 0.00	55.22 -2.72 0.00	57.58 -2.65 0.00	48.00 -1.74 0.00	41.97 -1.07 0.00	34.60 -1.07 0.00
VALLEY44_115KV_TB2 355964	36.61 0.43 0.00	30.74 -0.72 0.00	28.74 -0.80 0.00	27.65 -0.59 0.00	29.57 -0.95 0.00	34.00 -1.38 0.00	42.68 -2.63 0.00	47.11 -3.17 0.00	43.23 -3.15 0.00	40.94 -3.27 0.00	38.80 -2.61 0.00	36.61 -2.71 0.00	35.78 -2.69 0.00	35.33 -2.66 0.00	35.20 -2.69 0.00	36.99 -3.17 0.00	39.55 -3.58 0.01	46.67 -1.80 0.25	50.17 -4.07 0.01	55.10 -2.84 0.00	57.82 -2.41 0.00	46.51 -3.23 0.00	40.29 -2.75 0.00	34.49 -1.18 0.00
VALLEY___115KV_TB 1-4 80826	36.06 -0.11 0.00	31.43 -0.03 0.00	29.51 -0.03 0.00	28.25 0.00 0.00	30.45 -0.06 0.00	35.28 -0.11 0.00	45.18 -0.14 0.00	50.18 -0.10 0.00	46.24 -0.14 0.00	44.04 -0.18 0.00	41.24 -0.17 0.00	39.13 -0.20 0.00	38.25 -0.23 0.00	37.77 -0.23 0.00	37.66 -0.23 0.00	39.92 -0.24 0.00	42.80 -0.35 0.00	48.33 -0.39 0.00	53.87 -0.38 0.00	57.71 -0.23 0.00	60.05 -0.18 0.00	49.45 -0.30 0.00	42.74 -0.30 0.00	35.34 -0.32 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	38.27 2.10 0.00	33.35 1.89 0.00	31.28 1.74 0.00	29.94 1.69 0.00	32.19 1.68 0.00	37.22 1.84 0.00	47.62 2.31 0.00	52.85 2.56 0.00	48.75 2.37 0.00	46.29 2.08 0.00	43.31 1.90 0.00	41.06 1.73 0.00	40.13 1.65 0.00	39.63 1.63 0.00	39.60 1.71 0.00	42.01 1.85 0.00	45.04 1.90 0.00	51.16 2.44 0.00	56.97 2.71 0.00	61.47 3.53 0.00	64.08 3.85 0.00	52.53 2.79 0.00	45.32 2.28 0.00	37.38 1.71 0.00
VISCHER___FERRY HYD 24020	37.44 1.27 0.00	32.88 1.42 0.00	30.96 1.42 0.00	29.58 1.33 0.00	31.64 1.13 0.00	36.59 1.20 0.00	46.76 1.45 0.00	52.14 1.86 0.00	48.10 1.72 0.00	45.89 1.68 0.00	42.86 1.45 0.00	40.66 1.34 0.00	39.82 1.35 0.00	39.25 1.25 0.00	39.10 1.21 0.00	41.69 1.53 0.00	44.78 1.64 0.00	50.67 1.95 0.00	59.44 2.38 -2.80	60.72 2.78 0.00	63.00 2.77 0.00	51.68 1.94 0.00	44.64 1.59 0.00	36.66 1.00 0.00
V_A_10_SYNC_DSASP 323832	35.88 -0.29 0.00	30.33 -1.13 0.00	28.39 -1.15 0.00	27.23 -1.02 0.00	29.23 -1.28 0.00	33.61 -1.77 0.00	42.23 -3.08 0.00	46.71 -3.57 0.00	42.95 -3.43 0.00	40.90 -3.32 0.00	38.67 -2.73 0.00	36.42 -2.91 0.00	35.55 -2.93 0.00	35.14 -2.85 0.00	35.01 -2.88 0.00	36.83 -3.33 0.00	39.56 -3.58 0.01	43.71 -4.63 0.38	49.69 -4.56 0.01	54.11 -3.83 0.00	56.44 -3.79 0.00	45.76 -3.98 0.00	39.77 -3.27 0.00	33.99 -1.68 0.00
V_CMM_10_SYNC_DSASP 323787	35.77 -0.40 0.00	31.09 -0.38 0.00	29.12 -0.41 0.00	27.77 -0.48 0.00	30.18 -0.33 0.00	35.42 0.04 0.00	45.49 0.18 0.00	50.38 0.10 0.00	46.24 -0.14 0.00	44.21 0.00 0.00	41.41 0.00 0.00	39.48 0.16 0.00	38.59 0.12 0.00	38.11 0.11 0.00	38.04 0.15 0.00	40.21 0.04 0.00	43.27 0.13 0.00	48.72 0.00 0.00	54.14 -0.11 0.00	57.25 -0.69 0.00	59.57 -0.66 0.00	49.65 -0.10 0.00	43.30 0.26 0.00	35.84 0.18 0.00
V_CMP_10_SYNC_DSASP 323788	36.28 0.11 0.00	31.56 0.09 0.00	29.57 0.03 0.00	28.16 -0.08 0.00	30.57 0.06 0.00	35.88 0.50 0.00	46.22 0.91 0.00	51.23 0.95 0.00	46.94 0.56 0.00	44.83 0.62 0.00	42.03 0.62 0.00	40.11 0.79 0.00	39.21 0.73 0.00	38.75 0.76 0.00	38.65 0.76 0.00	40.81 0.64 0.00	43.88 0.73 0.00	49.40 0.68 0.00	54.74 0.49 0.00	57.82 -0.12 0.00	60.05 -0.18 0.00	50.05 0.30 0.00	43.77 0.73 0.00	36.34 0.68 0.00
V_D_10_SYNC_DSASP 323841	35.45 -0.72 0.00	30.80 -0.66 0.00	28.83 -0.71 0.00	27.51 -0.73 0.00	29.93 -0.58 0.00	35.17 -0.21 0.00	45.22 -0.09 0.00	49.98 -0.30 0.00	45.87 -0.51 0.00	43.86 -0.36 0.00	41.08 -0.33 0.00	39.17 -0.16 0.00	38.29 -0.19 0.00	37.80 -0.19 0.00	37.74 -0.15 0.00	39.89 -0.28 0.00	42.93 -0.21 0.00	48.28 -0.44 0.00	53.66 -0.60 0.00	56.78 -1.16 0.00	59.08 -1.15 0.00	49.25 -0.50 0.00	43.00 -0.04 0.00	35.59 -0.07 0.00
V_E_10_SYNC_DSASP 323830	40.29 4.12 0.00	34.86 3.40 0.00	32.55 3.01 0.00	31.21 2.97 0.00	33.81 3.30 0.00	39.34 3.96 0.00	50.43 5.12 0.00	55.61 5.33 0.00	50.74 4.36 0.00	47.44 3.23 0.00	44.23 2.82 0.00	41.65 2.32 0.00	40.59 2.11 0.00	40.08 2.09 0.00	40.17 2.27 0.00	42.82 2.65 0.00	46.10 2.94 -0.02	52.75 3.90 -0.14	59.32 5.05 -0.02	64.54 6.60 0.00	67.82 7.59 0.00	55.41 5.67 0.00	47.60 4.56 0.00	38.94 3.28 0.00

V_F_30_NSYNC___DSASP 323816	37.91 1.74 0.00	33.23 1.76 0.00	31.25 1.71 0.00	29.83 1.58 0.00	31.98 1.46 0.00	36.94 1.56 0.00	47.35 2.04 0.00	52.69 2.41 0.00	48.52 2.13 0.00	46.16 1.94 0.00	43.15 1.74 0.00	40.82 1.49 0.00	39.98 1.50 0.00	39.44 1.44 0.00	39.30 1.40 0.00	41.85 1.69 0.00	45.00 1.85 0.00	51.06 2.34 0.00	58.96 2.93 -1.78	61.41 3.48 0.00	63.78 3.55 0.00	52.28 2.54 0.00	45.07 2.02 0.00	37.09 1.43 0.00
V_F_30_SYNC_DSASP 323786	37.00 0.83 0.00	32.50 1.04 0.00	30.57 1.03 0.00	29.21 0.96 0.00	31.34 0.82 0.00	36.09 0.71 0.00	46.17 0.86 0.00	51.49 1.21 0.00	47.45 1.07 0.00	45.27 1.06 0.00	42.40 0.99 0.00	40.19 0.87 0.00	39.40 0.92 0.00	38.68 0.68 0.00	38.57 0.68 0.00	41.09 0.92 0.00	44.01 0.86 0.00	49.84 1.12 0.00	54.27 1.30 1.29	59.85 1.91 0.00	62.04 1.81 0.00	50.89 1.14 0.00	43.90 0.86 0.00	36.27 0.61 0.00
V_XM_10_SYNC_DSASP 323789	36.28 0.11 0.00	31.56 0.09 0.00	29.57 0.03 0.00	28.16 -0.08 0.00	30.57 0.06 0.00	35.88 0.50 0.00	46.22 0.91 0.00	51.23 0.95 0.00	46.94 0.56 0.00	44.83 0.62 0.00	42.03 0.62 0.00	40.11 0.79 0.00	39.21 0.73 0.00	38.75 0.76 0.00	38.65 0.76 0.00	40.81 0.64 0.00	43.88 0.73 0.00	49.40 0.68 0.00	54.74 0.49 0.00	57.82 -0.12 0.00	60.05 -0.18 0.00	50.05 0.30 0.00	43.77 0.73 0.00	36.34 0.68 0.00
W.BABYLN_69_KV_BK1 56697	45.25 3.51 -5.57	39.33 3.05 -4.81	33.25 2.95 -0.76	31.14 2.88 -0.01	33.21 2.68 -0.01	38.22 2.83 -0.01	49.04 3.72 -0.01	54.46 4.17 0.00	50.38 3.99 -0.01	48.20 3.98 -0.01	46.19 3.02 -1.76	45.96 2.91 -3.73	45.58 3.00 -4.10	44.17 3.04 -3.14	48.97 3.18 -7.90	49.82 3.21 -6.44	57.71 3.32 -11.24	70.09 3.95 -17.43	68.81 4.61 -9.94	78.44 5.56 -14.94	82.49 5.48 -16.78	62.41 3.93 -8.73	46.42 3.27 -0.11	42.26 3.17 -3.42
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	38.23 2.06 0.00	33.48 2.01 0.00	31.49 1.95 0.00	30.14 1.89 0.00	32.16 1.65 0.00	37.08 1.70 0.00	47.67 2.36 0.00	53.00 2.72 0.00	49.21 2.83 0.00	46.91 2.70 0.00	43.85 2.44 0.00	41.72 2.40 0.00	40.90 2.42 0.00	40.39 2.39 0.00	40.32 2.43 0.00	42.74 2.57 0.00	45.73 2.59 0.00	51.88 3.17 0.00	57.67 3.42 0.00	62.17 4.23 0.00	64.32 4.10 0.00	52.58 2.84 0.00	45.37 2.32 0.00	37.52 1.85 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	38.63 2.46 0.00	33.76 2.30 0.00	31.81 2.27 0.00	30.42 2.18 0.00	32.43 1.92 0.00	37.36 1.98 0.00	48.17 2.85 0.00	53.60 3.32 0.00	49.86 3.48 0.00	47.62 3.40 0.00	44.47 3.06 0.00	42.31 2.99 0.00	41.48 3.00 0.00	41.03 3.04 0.00	40.92 3.03 0.00	43.34 3.17 0.00	46.34 3.19 0.00	52.52 3.80 0.00	58.21 3.96 0.00	62.75 4.81 0.00	64.87 4.64 0.00	53.08 3.33 0.00	45.80 2.75 0.00	37.91 2.25 0.00
W50THST__13_KV_LOAD 356117	38.85 2.68 0.00	33.95 2.49 0.00	31.96 2.42 0.00	30.56 2.32 0.00	32.59 2.07 0.00	37.54 2.16 0.00	48.48 3.17 0.00	53.95 3.67 0.00	50.23 3.85 0.00	47.97 3.76 0.00	44.80 3.40 0.00	42.59 3.26 0.00	41.75 3.27 0.00	41.30 3.31 0.00	41.19 3.30 0.00	43.58 3.41 0.00	46.64 3.49 0.00	52.91 4.19 0.00	58.65 4.39 0.00	63.15 5.21 0.00	65.29 5.06 0.00	53.43 3.68 0.00	46.06 3.01 0.00	38.09 2.43 0.00
WADING RIVER_IC_1 23522	44.42 3.51 -4.75	38.56 2.99 -4.10	33.14 2.95 -0.64	31.14 2.88 -0.01	33.24 2.71 -0.01	38.15 2.76 -0.01	48.90 3.58 -0.01	54.26 3.97 0.00	50.19 3.80 -0.01	47.85 3.63 -0.01	45.60 2.69 -1.50	45.06 2.55 -3.18	44.62 2.65 -3.49	43.37 2.70 -2.67	46.72 2.65 -6.17	48.26 3.09 -5.00	55.89 3.15 -9.60	67.40 3.85 -14.84	66.11 4.72 -7.14	76.39 5.68 -12.77	80.29 5.72 -14.34	60.24 4.03 -6.47	46.45 3.31 -0.09	41.76 3.17 -2.92
WADING RIVER_IC_2 23547	44.42 3.51 -4.75	38.56 2.99 -4.10	33.14 2.95 -0.64	31.14 2.88 -0.01	33.24 2.71 -0.01	38.15 2.76 -0.01	48.90 3.58 -0.01	54.26 3.97 0.00	50.19 3.80 -0.01	47.85 3.63 -0.01	45.60 2.69 -1.50	45.06 2.55 -3.18	44.62 2.65 -3.49	43.37 2.70 -2.67	46.72 2.65 -6.17	48.26 3.09 -5.00	55.89 3.15 -9.60	67.40 3.85 -14.84	66.11 4.72 -7.14	76.39 5.68 -12.77	80.29 5.72 -14.34	60.24 4.03 -6.47	46.45 3.31 -0.09	41.76 3.17 -2.92
WADING RIVER_IC_3 23601	44.42 3.51 -4.75	38.56 2.99 -4.10	33.14 2.95 -0.64	31.14 2.88 -0.01	33.24 2.71 -0.01	38.15 2.76 -0.01	48.90 3.58 -0.01	54.26 3.97 0.00	50.19 3.80 -0.01	47.85 3.63 -0.01	45.60 2.69 -1.50	45.06 2.55 -3.18	44.62 2.65 -3.49	43.37 2.70 -2.67	46.72 2.65 -6.17	48.26 3.09 -5.00	55.89 3.15 -9.60	67.40 3.85 -14.84	66.11 4.72 -7.14	76.39 5.68 -12.77	80.29 5.72 -14.34	60.24 4.03 -6.47	46.45 3.31 -0.09	41.76 3.17 -2.92
WALDENNY_12_KV_BK2 80841	36.68 0.51 0.00	30.65 -0.82 0.00	28.59 -0.95 0.00	27.49 -0.76 0.00	29.38 -1.13 0.00	33.86 -1.52 0.00	42.41 -2.90 0.00	46.96 -3.32 0.00	43.18 -3.20 0.00	40.90 -3.32 0.00	38.72 -2.69 0.00	36.45 -2.87 0.00	35.59 -2.89 0.00	35.18 -2.81 0.00	35.01 -2.88 0.00	36.75 -3.41 0.00	39.47 -3.67 0.01	44.12 -3.95 0.65	49.90 -4.34 0.01	54.58 -3.36 0.00	57.34 -2.89 0.00	46.16 -3.58 0.00	40.16 -2.88 0.00	34.38 -1.28 0.00
WALDEN__HYDRO 24148	38.09 1.92 0.00	33.32 1.86 0.00	31.34 1.80 0.00	30.00 1.75 0.00	32.04 1.53 0.00	36.94 1.56 0.00	47.49 2.17 0.00	52.69 2.41 0.00	48.84 2.46 0.00	46.56 2.34 0.00	43.48 2.07 0.00	41.33 2.01 0.00	40.48 2.00 0.00	40.01 2.01 0.00	39.90 2.01 0.00	42.29 2.13 0.00	45.30 2.16 0.00	51.45 2.73 0.00	57.29 3.04 0.00	61.76 3.82 0.00	63.90 3.67 0.00	52.28 2.54 0.00	45.11 2.07 0.00	37.34 1.68 0.00
WARRENSBURG____ 23737	37.98 1.81 0.00	33.26 1.79 0.00	31.28 1.74 0.00	29.86 1.61 0.00	32.07 1.56 0.00	37.01 1.63 0.00	47.49 2.17 0.00	52.95 2.66 0.00	48.65 2.27 0.00	46.20 1.99 0.00	43.23 1.82 0.00	40.78 1.46 0.00	39.94 1.46 0.00	39.40 1.41 0.00	39.26 1.36 0.00	41.85 1.69 0.00	45.00 1.86 0.00	51.20 2.48 0.00	59.03 3.15 -1.63	61.65 3.71 0.00	64.14 3.91 0.00	52.48 2.74 0.00	45.11 2.07 0.00	37.16 1.50 0.00
WATERSIDE____6 8 9 23538	38.52 2.35 0.00	33.73 2.27 0.00	31.75 2.22 0.00	30.37 2.12 0.00	32.34 1.83 0.00	37.22 1.84 0.00	47.98 2.67 0.00	53.30 3.02 0.00	49.77 3.39 0.00	47.52 3.32 0.01	44.38 2.98 0.01	41.82 3.03 0.54	40.10 3.08 1.46	39.36 3.08 1.71	39.37 3.11 1.63	42.23 3.25 1.19	45.78 3.28 0.64	52.37 3.65 0.00	58.47 3.63 -0.58	62.34 4.40 0.00	64.51 4.28 0.00	53.34 3.18 -0.41	45.62 2.58 0.01	37.84 2.18 0.00
WATKINRD_115KV_LN8_ILLION 55919	36.14 -0.04 0.00	31.50 0.03 0.00	29.57 0.03 0.00	28.30 0.06 0.00	30.51 0.00 0.00	35.31 -0.07 0.00	45.27 -0.05 0.00	50.23 -0.05 0.00	46.33 -0.05 0.00	44.12 -0.09 0.00	41.33 -0.08 0.00	39.21 -0.12 0.00	38.36 -0.12 0.00	37.84 -0.15 0.00	37.74 -0.15 0.00	40.04 -0.12 0.00	42.97 -0.17 0.00	48.52 -0.19 0.00	54.09 -0.16 0.00	57.94 0.00 0.00	60.29 0.06 0.00	49.65 -0.10 0.00	42.91 -0.13 0.00	35.49 -0.18 0.00

WDELAWARE___HYD 323627	38.34 2.17 0.00	33.51 2.04 0.00	31.49 1.95 0.00	30.17 1.92 0.00	32.25 1.74 0.00	37.22 1.84 0.00	47.85 2.54 0.00	52.84 2.56 0.00	48.93 2.55 0.00	46.47 2.25 0.00	43.35 1.95 0.00	41.10 1.77 0.00	40.21 1.73 0.00	39.70 1.71 0.00	39.71 1.82 0.00	42.05 1.89 0.00	45.09 1.94 0.00	51.40 2.68 0.00	57.36 3.31 0.20	62.05 4.11 0.00	64.20 3.97 0.00	52.48 2.73 0.00	45.32 2.28 0.00	37.48 1.82 0.00
WEST BABYLON___IC 23714	45.25 3.51 -5.57	39.33 3.05 -4.81	33.25 2.95 -0.76	31.14 2.88 -0.01	33.21 2.68 -0.01	38.22 2.83 -0.01	49.04 3.72 -0.01	54.46 4.17 0.00	50.38 3.99 -0.01	48.20 3.98 -0.01	46.19 3.02 -1.76	45.96 2.91 -3.73	45.58 3.00 -4.10	44.17 3.04 -3.14	48.97 3.18 -7.90	49.82 3.21 -6.44	57.71 3.32 -11.24	70.09 3.95 -17.43	68.81 4.61 -9.94	78.44 5.56 -14.94	82.49 5.48 -16.78	62.41 3.93 -8.73	46.42 3.27 -0.11	42.26 3.17 -3.42
WEST CANADA___HYD 24049	36.32 0.15 0.00	31.62 0.16 0.00	29.69 0.15 0.00	28.39 0.14 0.00	30.60 0.09 0.00	35.42 0.04 0.00	45.36 0.05 0.00	50.33 0.05 0.00	46.47 0.09 0.00	44.26 0.04 0.00	41.45 0.04 0.00	39.36 0.04 0.00	38.52 0.04 0.00	38.03 0.04 0.00	37.93 0.04 0.00	40.25 0.08 0.00	43.19 0.04 0.00	48.82 0.10 0.00	54.42 0.16 0.00	58.23 0.29 0.00	60.53 0.30 0.00	49.90 0.15 0.00	43.13 0.09 0.00	35.70 0.04 0.00
WESTERN_NY_WIND 24143	37.04 0.87 0.00	30.93 -0.53 0.00	28.89 -0.65 0.00	27.68 -0.56 0.00	29.69 -0.82 0.00	34.25 -1.13 0.00	43.41 -1.90 0.00	48.12 -2.16 0.00	44.02 -2.37 0.00	41.74 -2.48 0.00	39.34 -2.07 0.00	37.16 -2.16 0.00	36.21 -2.27 0.00	35.79 -2.20 0.00	35.66 -2.24 0.00	37.51 -2.65 0.00	40.29 -2.85 0.01	44.68 -3.65 0.38	51.04 -3.20 0.01	55.74 -2.20 0.00	58.66 -1.57 0.00	47.21 -2.54 0.00	40.98 -2.07 0.00	34.88 -0.78 0.00
WESTOVER___LESR 323668	36.89 0.72 0.00	31.84 0.38 0.00	29.86 0.32 0.00	28.59 0.34 0.00	30.72 0.21 0.00	35.45 0.07 0.00	45.22 -0.09 0.00	50.13 -0.15 0.00	46.20 -0.19 0.00	43.95 -0.27 0.00	41.24 -0.17 0.00	39.09 -0.24 0.00	38.25 -0.23 0.00	37.80 -0.19 0.00	37.70 -0.19 0.00	39.88 -0.28 0.00	42.79 -0.35 0.01	48.63 -0.10 -0.01	54.03 -0.22 0.01	58.34 0.41 0.00	60.83 0.60 0.00	49.70 -0.05 0.00	42.91 -0.13 0.00	35.77 0.11 0.00
WETHRSFD_WT_PWR 323626	36.61 0.44 0.00	30.84 -0.63 0.00	28.80 -0.74 0.00	27.60 -0.65 0.00	29.60 -0.91 0.00	34.00 -1.38 0.00	42.73 -2.58 0.00	47.21 -3.07 0.00	43.13 -3.25 0.00	40.76 -3.45 0.00	38.55 -2.86 0.00	36.22 -3.11 0.00	35.32 -3.15 0.00	34.88 -3.11 0.00	34.75 -3.14 0.00	36.63 -3.53 0.00	39.33 -3.80 0.01	42.09 -4.19 2.43	50.06 -4.18 0.01	54.81 -3.13 0.00	57.46 -2.77 0.00	46.76 -2.98 0.00	40.50 -2.54 0.00	34.60 -1.07 0.00
WHAVSTOR_138KV_BK127 55557	38.12 1.95 0.00	33.38 1.92 0.00	31.43 1.89 0.00	30.06 1.81 0.00	32.10 1.59 0.00	36.97 1.59 0.00	47.62 2.31 0.00	52.95 2.66 0.00	49.16 2.78 0.00	46.91 2.70 0.00	43.85 2.44 0.00	41.68 2.36 0.00	40.86 2.39 0.00	40.39 2.39 0.00	40.32 2.43 0.00	42.70 2.53 0.00	45.73 2.59 0.00	51.84 3.12 0.00	57.56 3.31 0.00	62.11 4.17 0.00	64.26 4.04 0.00	52.53 2.79 0.00	45.32 2.28 0.00	37.48 1.82 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	38.12 1.95 0.00	33.38 1.92 0.00	31.43 1.89 0.00	30.06 1.81 0.00	32.10 1.59 0.00	36.97 1.59 0.00	47.62 2.31 0.00	52.95 2.66 0.00	49.16 2.78 0.00	46.91 2.70 0.00	43.85 2.44 0.00	41.68 2.36 0.00	40.86 2.39 0.00	40.39 2.39 0.00	40.32 2.43 0.00	42.70 2.53 0.00	45.73 2.59 0.00	51.84 3.12 0.00	57.56 3.31 0.00	62.11 4.17 0.00	64.26 4.04 0.00	52.53 2.79 0.00	45.32 2.28 0.00	37.48 1.82 0.00
WHITEHAL_115KV_TB1 80871	38.34 2.17 0.00	33.57 2.11 0.00	31.58 2.04 0.00	30.11 1.86 0.00	32.34 1.83 0.00	37.36 1.98 0.00	48.03 2.72 0.00	53.55 3.27 0.00	49.02 2.64 0.00	46.47 2.25 0.00	43.44 2.03 0.00	40.90 1.57 0.00	40.05 1.58 0.00	39.51 1.52 0.00	39.15 1.48 0.22	41.77 1.81 0.20	45.25 2.11 0.01	51.59 2.87 0.01	59.15 3.74 -1.16	62.39 4.46 0.01	64.92 4.70 0.01	52.69 3.33 0.38	45.54 2.50 0.00	37.48 1.82 0.00
WHITEPLN_13_KV_LOAD 356215	38.59 2.42 0.00	33.76 2.30 0.00	31.75 2.22 0.00	30.37 2.12 0.00	32.40 1.89 0.00	37.36 1.98 0.00	48.17 2.85 0.00	53.70 3.42 0.00	49.86 3.48 0.00	47.62 3.40 0.00	44.47 3.06 0.00	42.31 2.99 0.00	41.56 3.08 0.00	41.11 3.12 0.00	41.00 3.11 0.00	43.42 3.25 0.00	46.42 3.28 0.00	52.66 3.95 0.00	58.43 4.18 0.00	62.98 5.04 0.00	65.17 4.94 0.00	53.23 3.48 0.00	45.88 2.84 0.00	37.98 2.32 0.00
WM_FLOYD_69_KV_BK2 356380	44.40 3.47 -4.76	38.54 2.96 -4.11	33.11 2.92 -0.65	31.11 2.85 -0.01	33.18 2.65 -0.01	38.15 2.76 -0.01	48.86 3.53 -0.01	54.21 3.92 0.00	50.15 3.76 -0.01	47.94 3.71 -0.01	45.60 2.69 -1.50	45.07 2.56 -3.18	44.64 2.65 -3.50	43.37 2.70 -2.68	46.97 2.88 -6.20	48.20 3.01 -5.02	55.88 3.11 -9.63	67.45 3.85 -14.88	66.06 4.61 -7.19	76.37 5.62 -12.81	80.09 5.48 -14.38	60.18 3.93 -6.51	46.36 3.23 -0.09	41.73 3.14 -2.93
WOODARD___115KV_TB2 355635	36.06 -0.11 0.00	31.21 -0.25 0.00	29.24 -0.30 0.00	27.99 -0.25 0.00	30.15 -0.37 0.00	34.85 -0.53 0.00	44.63 -0.68 0.00	49.48 -0.80 0.00	45.55 -0.83 0.00	43.42 -0.80 0.00	40.70 -0.70 0.00	38.62 -0.71 0.00	37.82 -0.65 0.00	37.39 -0.61 0.00	37.25 -0.64 0.00	39.48 -0.68 0.00	42.37 -0.78 0.00	47.74 -0.97 0.00	53.38 -0.87 0.00	57.30 -0.64 0.00	59.69 -0.54 0.00	49.05 -0.70 0.00	42.31 -0.73 0.00	35.09 -0.57 0.00
WOODMERE_69_KV_BK1 55827	54.59 3.51 -14.91	47.78 3.43 -12.88	34.93 3.37 -2.02	31.50 3.22 -0.03	33.59 3.05 -0.03	38.70 3.29 -0.03	49.60 4.26 -0.03	54.97 4.68 -0.01	51.24 4.82 -0.03	48.84 4.60 -0.03	49.97 3.85 -4.71	53.00 3.70 -9.98	53.11 3.66 -10.97	50.08 3.69 -8.40	72.43 3.68 -30.86	69.96 3.90 -25.90	83.67 4.06 -36.47	100.38 4.77 -46.89	114.61 4.67 -55.69	112.51 5.56 -49.01	120.72 5.54 -54.95	94.19 4.03 -40.42	47.51 4.18 -0.29	48.15 3.32 -9.17
YORK___WARBASSE 23770	38.73 2.53 -0.02	33.89 2.42 0.00	31.87 2.33 0.00	30.48 2.23 0.00	32.49 1.98 0.00	37.36 1.98 0.00	48.15 2.81 -0.03	53.30 3.02 0.00	49.86 3.48 0.00	47.67 3.40 -0.06	44.53 3.06 -0.06	46.20 3.11 -3.77	51.79 3.12 -10.20	53.10 3.15 -11.95	52.47 3.18 -11.39	51.81 3.33 -8.31	51.00 3.37 -4.49	52.50 3.75 -0.03	58.53 3.74 -0.53	62.46 4.52 0.00	64.63 4.40 0.00	53.47 3.33 -0.39	45.77 2.67 -0.06	38.00 2.32 -0.02