

Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion										
Generator Data		08/04/2024																										
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	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT			
		36.28	33.55	30.25	28.11	27.31	28.09	26.99	26.57	28.63	31.30	33.70	36.25	39.20	41.79	43.08	44.55	50.81	56.47	57.07	50.51	47.33	42.11	37.90	33.96			
		2.84	2.57	2.27	2.01	1.95	2.03	2.07	2.01	2.29	2.61	2.73	2.84	3.10	3.69	3.95	4.05	4.54	4.85	4.66	4.04	3.65	3.41	2.65	2.52			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.29	0.00	0.00	0.00			
74TH STREET_GT_1	24260	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT			
		36.32	33.62	30.28	28.13	27.33	28.12	27.02	26.57	28.66	31.30	33.82	36.35	39.20	41.79	43.20	44.55	50.81	56.52	57.12	50.56	47.42	42.11	38.04	34.12			
		2.88	2.63	2.29	2.04	1.98	2.06	2.09	2.01	2.32	2.61	2.85	2.94	3.10	3.70	4.07	4.05	4.54	4.90	4.72	4.09	3.73	3.41	2.79	2.67			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.29	0.00	0.00	0.00			
74TH STREET_GT_2	24261	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT			
		36.32	33.62	30.28	28.13	27.33	28.12	27.02	26.57	28.66	31.30	33.82	36.35	39.20	41.79	43.20	44.55	50.81	56.52	57.12	50.56	47.42	42.11	38.04	34.12			
		2.88	2.63	2.29	2.04	1.98	2.06	2.09	2.01	2.32	2.61	2.85	2.94	3.10	3.70	4.07	4.05	4.54	4.90	4.72	4.09	3.73	3.41	2.79	2.67			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.29	0.00	0.00	0.00			
ADK HUDSON___FALLS	24011	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT			
		36.79	34.11	30.64	28.55	27.92	28.67	27.44	26.86	28.97	31.62	33.82	36.58	39.31	41.87	42.93	44.55	51.14	57.35	58.85	52.10	52.11	43.47	38.99	34.71			
		3.34	3.13	2.66	2.45	2.56	2.61	2.52	2.31	2.63	2.93	2.85	3.17	3.21	3.77	3.80	4.05	4.86	5.73	6.45	5.62	5.55	4.76	3.74	3.27			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.16	0.00	0.00	0.00			
ADK RESOURCE___RCVRY	23798	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT			
		37.02	34.36	30.81	28.73	28.10	28.85	27.62	27.03	29.19	31.85	34.01	36.85	39.59	42.17	43.24	44.87	51.50	57.86	59.48	52.61	52.65	44.01	39.34	35.00			
		3.58	3.38	2.82	2.63	2.74	2.79	2.69	2.48	2.85	3.16	3.04	3.44	3.50	4.08	4.11	4.38	5.23	6.24	7.07	6.13	6.07	5.30	4.09	3.55			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.18	0.00	0.00	0.00			
ADK S GLENS___FALLS	24028	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT			
		36.79	34.11	30.64	28.55	27.92	28.67	27.44	26.86	28.97	31.62	33.82	36.58	39.31	41.87	42.93	44.55	51.14	57.35	58.85	52.10	52.11	43.47	38.99	34.71			
		3.34	3.13	2.66	2.45	2.56	2.61	2.52	2.31	2.63	2.93	2.85	3.17	3.21	3.77	3.80	4.05	4.86	5.73	6.45	5.62	5.55	4.76	3.74	3.27			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.16	0.00	0.00	0.00			
ADK_NYS___DAM	23527	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT			
		35.48	32.84	29.75	27.74	27.00	27.70	26.57	26.05	27.97	30.41	32.58	35.15	37.90	40.38	41.52	43.33	49.65	55.39	56.13	49.63	48.71	41.03	36.91	33.14			
		2.04	1.86	1.76	1.65	1.65	1.64	1.64	1.50	1.63	1.72	1.61	1.74	1.80	2.29	2.39	2.83	3.38	3.77	3.72	3.16	2.99	2.32	1.66	1.70			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.33	0.00	0.00	0.00			
AIR_PRODUCTS___DRP	24190	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT			
		33.98	31.51	28.46	26.57	25.89	26.56	25.52	25.00	26.87	29.15	31.38	33.81	36.53	38.82	39.95	41.47	47.48	52.96	53.72	47.54	46.11	39.40	35.61	31.88			
		0.54	0.53	0.48	0.47	0.53	0.50	0.60	0.44	0.53	0.46	0.40	0.40	0.43	0.72	0.82	0.97	1.20	1.34	1.31	1.07	1.00	0.70	0.35	0.44			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.72	0.00	0.00	0.00			
AKWESSNE_115KV_BK	355683	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT			
		32.77	30.46	27.48	25.63	24.90	25.62	24.58	24.23	25.92	28.23	30.45	32.84	35.41	36.91	37.88	39.00	44.52	49.45	50.26	44.61	41.83	37.54	34.55	30.82			
		-0.67	-0.53	-0.50	-0.47	-0.46	-0.44	-0.35	-0.32	-0.42	-0.46	-0.53	-0.57	-0.69	-1.18	-1.25	-1.50	-1.76	-2.17	-2.15	-1.86	-1.56	-1.16	-0.71	-0.63			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT			
		34.68	32.16	29.04	27.11	26.42	27.13	25.97	25.36	27.18	29.47	31.63	34.14	36.85	39.16	40.30	41.83	47.99	53.74	54.71	48.51	46.59	40.33	36.38	32.54			
		1.24	1.18	1.06	1.02	1.06	1.07	1.05	0.81	0.84	0.77	0.65	0.73	0.76	1.07	1.17	1.33	1.71	2.12	2.30	2.04	1.91	1.63	1.13	1.10			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.29	0.00	0.00	0.00			
ALBANY_2_SOLAR	323834	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT			
		34.68	32.16	29.02	27.11	26.42	27.10	25.95	25.36	27.18	29.47	31.63	34.11	36.85	39.16	40.30	41.83	47.99	53.74	54.66	48.47	46.55	40.33	36.35	32.54			
		1.24	1.18	1.04	1.02	1.06	1.04	1.02	0.81	0.84	0.77	0.65	0.70	0.76	1.07	1.17	1.33	1.71	2.12	2.25	2.00	1.86	1.63	1.09	1.10			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.29	0.00	0.00	0.00			
ALBANY___1	23571	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT			
		33.98	31.51	28.46	26.57	25.89	26.56	25.52	25.00	26.87	29.15	31.38	33.81	36.53	38.82	39.95	41.47	47.48	52.96	53.72	47.54	46.11	39.40	35.61	31.88			
		0.54	0.53	0.48	0.47	0.53	0.50	0.60	0.44	0.53	0.46	0.40	0.40	0.43	0.72	0.82	0.97	1.20	1.34	1.31	1.07	1.00	0.70	0.35	0.44			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0												

ALBANY___2 23572	33.98 0.54 0.00	31.51 0.53 0.00	28.46 0.48 0.00	26.57 0.47 0.00	25.89 0.53 0.00	26.56 0.50 0.00	25.52 0.60 0.00	25.00 0.44 0.00	26.87 0.53 0.00	29.15 0.46 0.00	31.38 0.40 0.00	33.81 0.40 0.00	36.53 0.43 0.00	38.82 0.72 0.00	39.95 0.82 0.00	41.47 0.97 0.00	47.48 1.20 0.00	52.96 1.34 0.00	53.72 1.31 0.00	47.54 1.07 0.00	46.11 1.00 -1.72	39.40 0.70 0.00	35.61 0.35 0.00	31.88 0.44 0.00
ALBANY___3 23573	33.98 0.54 0.00	31.51 0.53 0.00	28.46 0.48 0.00	26.57 0.47 0.00	25.89 0.53 0.00	26.56 0.50 0.00	25.52 0.60 0.00	25.00 0.44 0.00	26.87 0.53 0.00	29.15 0.46 0.00	31.38 0.40 0.00	33.81 0.40 0.00	36.53 0.43 0.00	38.82 0.72 0.00	39.95 0.82 0.00	41.47 0.97 0.00	47.48 1.20 0.00	52.96 1.34 0.00	53.72 1.31 0.00	47.54 1.07 0.00	46.11 1.00 -1.72	39.40 0.70 0.00	35.61 0.35 0.00	31.88 0.44 0.00
ALBANY___4 23574	33.98 0.54 0.00	31.51 0.53 0.00	28.46 0.48 0.00	26.57 0.47 0.00	25.89 0.53 0.00	26.56 0.50 0.00	25.52 0.60 0.00	25.00 0.44 0.00	26.87 0.53 0.00	29.15 0.46 0.00	31.38 0.40 0.00	33.81 0.40 0.00	36.53 0.43 0.00	38.82 0.72 0.00	39.95 0.82 0.00	41.47 0.97 0.00	47.48 1.20 0.00	52.96 1.34 0.00	53.72 1.31 0.00	47.54 1.07 0.00	46.11 1.00 -1.72	39.40 0.70 0.00	35.61 0.35 0.00	31.88 0.44 0.00
ALBANY___LFGE 323615	34.41 0.97 0.00	31.88 0.90 0.00	28.79 0.81 0.00	26.88 0.78 0.00	26.19 0.84 0.00	26.87 0.81 0.00	25.82 0.90 0.00	25.27 0.71 0.00	27.16 0.82 0.00	29.49 0.80 0.00	31.75 0.77 0.00	34.28 0.87 0.00	37.03 0.94 0.00	39.35 1.26 0.00	40.50 1.37 0.00	42.04 1.54 0.00	48.13 1.85 0.00	53.69 2.07 0.00	54.45 2.04 0.00	48.24 1.77 0.00	47.21 1.65 -2.17	40.06 1.35 0.00	36.07 0.81 0.00	32.29 0.85 0.00
ALCOA_PA_115KV_PL-6C 55860	32.91 -0.54 0.00	30.58 -0.40 0.00	27.62 -0.36 0.00	25.73 -0.37 0.00	25.03 -0.33 0.00	25.72 -0.34 0.00	24.70 -0.22 0.00	24.36 -0.20 0.00	26.02 -0.32 0.00	28.32 -0.37 0.00	30.54 -0.43 0.00	32.94 -0.47 0.00	35.52 -0.58 0.00	37.03 -1.07 0.00	37.96 -1.17 0.00	38.80 -1.70 0.00	44.29 -1.99 0.00	49.14 -2.48 0.00	49.94 -2.46 0.00	44.38 -2.09 0.00	41.70 -1.69 0.00	37.74 -0.97 0.00	34.69 -0.56 0.00	30.91 -0.53 0.00
ALCOA_RYNLDS___DRP 24188	32.91 -0.54 0.00	30.58 -0.40 0.00	27.62 -0.36 0.00	25.73 -0.37 0.00	25.03 -0.33 0.00	25.72 -0.34 0.00	24.70 -0.22 0.00	24.36 -0.20 0.00	26.02 -0.32 0.00	28.32 -0.37 0.00	30.54 -0.43 0.00	32.94 -0.47 0.00	35.52 -0.58 0.00	37.03 -1.07 0.00	37.96 -1.17 0.00	38.80 -1.70 0.00	44.29 -1.99 0.00	49.14 -2.48 0.00	49.94 -2.46 0.00	44.38 -2.09 0.00	41.70 -1.69 0.00	37.74 -0.97 0.00	34.69 -0.56 0.00	30.91 -0.53 0.00
ALCOA___DSASP 323711	32.91 -0.54 0.00	30.58 -0.40 0.00	27.62 -0.36 0.00	25.73 -0.37 0.00	25.03 -0.33 0.00	25.72 -0.34 0.00	24.70 -0.22 0.00	24.36 -0.20 0.00	26.02 -0.31 0.00	28.32 -0.37 0.00	30.51 -0.46 0.00	32.94 -0.47 0.00	35.51 -0.58 0.00	37.03 -1.07 0.00	37.96 -1.17 0.00	38.80 -1.70 0.00	44.29 -1.99 0.00	49.25 -2.37 0.00	49.94 -2.46 0.00	44.38 -2.09 0.00	41.70 -1.69 0.00	37.16 -1.55 0.00	34.66 -0.60 0.00	30.91 -0.53 0.00
ALLEGHENY___COGEN 23514	35.21 1.77 0.00	32.47 1.49 0.00	29.13 1.15 0.00	27.17 1.07 0.00	26.24 0.89 0.00	27.08 1.02 0.00	25.47 0.55 0.00	25.04 0.49 0.00	26.29 -0.05 0.00	28.29 -0.40 0.00	30.91 -0.06 0.00	33.31 -0.10 0.00	36.17 0.07 0.00	38.93 0.84 0.00	39.87 0.74 0.00	41.27 0.77 0.00	47.66 1.39 0.00	54.35 2.73 0.00	56.55 4.14 0.00	50.70 4.23 0.00	47.73 4.34 0.00	42.89 4.18 0.00	38.50 3.24 0.00	33.68 2.23 0.00
ALTAMONT_115KV_TB 2 55880	34.38 0.94 0.00	31.85 0.87 0.00	28.79 0.81 0.00	26.88 0.78 0.00	26.17 0.81 0.00	26.87 0.81 0.00	25.72 0.80 0.00	25.24 0.69 0.00	27.10 0.76 0.00	29.46 0.77 0.00	31.75 0.77 0.00	34.18 0.77 0.00	36.92 0.83 0.00	39.20 1.10 0.00	40.38 1.25 0.00	41.88 1.38 0.00	47.94 1.67 0.00	53.48 1.86 0.00	54.29 1.89 0.00	48.10 1.63 0.00	46.29 1.52 -1.38	39.91 1.20 0.00	36.10 0.85 0.00	32.29 0.85 0.00
ALTONA_WT_PWR 323606	33.38 -0.07 0.00	31.08 0.09 0.00	28.01 0.03 0.00	26.07 -0.03 0.00	25.36 0.00 0.00	26.19 0.13 0.00	25.23 0.30 0.00	25.00 0.44 0.00	26.74 0.40 0.00	29.09 0.40 0.00	31.41 0.43 0.00	33.88 0.47 0.00	36.49 0.40 0.00	37.41 -0.68 0.00	38.31 -0.82 0.00	39.61 -0.89 0.00	45.17 -1.11 0.00	49.50 -2.12 0.00	50.21 -2.20 0.00	45.26 -1.21 0.00	42.53 -0.87 0.00	38.24 -0.46 0.00	35.29 0.04 0.00	31.35 -0.09 0.00
AMERICAN_REF_FUEL 24010	32.84 -0.60 0.00	30.36 -0.62 0.00	27.39 -0.59 0.00	25.63 -0.47 0.00	24.54 -0.81 0.00	25.38 -0.68 0.00	23.80 -1.12 0.00	23.65 -0.91 0.00	25.39 -0.95 0.00	27.51 -1.18 0.00	30.76 -0.22 0.00	33.11 -0.30 0.00	35.91 -0.18 0.00	38.78 0.69 0.00	39.56 0.43 0.00	40.66 0.16 0.00	46.56 0.28 0.00	52.24 0.62 0.00	53.14 0.73 0.00	47.03 0.56 0.00	43.74 0.35 0.00	39.75 1.05 0.00	35.85 0.60 0.00	31.51 0.06 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	34.21 0.77 0.00	31.60 0.62 0.00	28.49 0.50 0.00	26.62 0.52 0.00	25.64 0.28 0.00	26.40 0.34 0.00	24.93 0.00 0.00	24.92 0.37 0.00	26.87 0.53 0.00	29.09 0.40 0.00	32.49 1.52 0.00	35.01 1.60 0.00	38.11 2.02 0.00	41.14 3.05 0.00	41.91 2.78 0.00	42.97 2.47 0.00	49.15 2.87 0.00	55.34 3.72 0.00	56.02 3.61 0.00	49.45 2.98 0.00	45.82 2.43 0.00	41.69 2.98 0.00	37.51 2.26 0.00	32.83 1.38 0.00
ARTHUR KILL_GT_1 23520	36.27 2.81 -0.02	33.66 2.66 -0.01	30.28 2.29 -0.01	28.13 2.04 0.00	27.34 1.98 0.00	27.99 1.93 0.00	26.85 1.92 0.00	26.35 1.79 0.00	28.40 2.06 0.00	31.13 2.44 0.00	33.63 2.60 -0.06	36.24 2.77 -0.06	38.87 2.78 0.00	41.56 3.47 0.00	44.10 3.99 -0.97	44.39 3.89 0.00	115.01 4.35 -64.38	71.20 4.65 -14.93	109.42 4.51 -52.51	67.52 3.90 -17.14	47.39 3.65 -0.35	45.12 3.56 -2.86	38.06 2.75 -0.06	52.58 2.61 -18.52
ARTHUR_KILL_2 23512	36.13 2.68 -0.02	33.53 2.54 -0.01	30.17 2.18 -0.01	28.03 1.93 0.00	27.23 1.88 0.00	27.88 1.82 0.00	26.74 1.82 0.00	26.25 1.69 0.00	28.29 1.95 0.00	31.01 2.32 0.00	33.51 2.48 -0.06	36.10 2.64 -0.06	38.73 2.63 0.00	41.37 3.28 0.00	43.90 3.79 -0.97	44.18 3.68 0.00	114.78 4.12 -64.38	70.94 4.39 -14.93	109.16 4.24 -52.51	67.29 3.67 -17.14	47.17 3.43 -0.35	44.93 3.37 -2.86	37.88 2.57 -0.06	52.42 2.45 -18.52
ARTHUR_KILL_3 23513	35.99 2.54 -0.01	33.28 2.29 0.00	30.00 2.02 0.00	27.85 1.75 0.00	27.06 1.70 0.00	27.86 1.80 0.00	26.80 1.87 0.00	26.30 1.74 0.00	28.37 2.03 0.00	30.99 2.30 0.00	33.42 2.42 -0.03	35.98 2.54 -0.03	38.76 2.67 0.00	41.33 3.24 0.00	43.19 3.56 -0.50	43.94 3.44 0.00	45.52 3.84 4.59	46.94 4.03 8.71	45.50 3.88 10.78	45.07 3.35 4.75	43.94 3.04 2.49	43.19 3.02 -1.46	37.65 2.36 -0.03	43.19 2.27 -9.48

ARTHUR_KILL_COGEN 323718	36.27 2.81 -0.02	33.66 2.66 -0.01	30.28 2.29 -0.01	28.13 2.04 0.00	27.34 1.98 0.00	27.99 1.93 0.00	26.85 1.92 0.00	26.35 1.79 0.00	28.40 2.06 0.00	31.13 2.44 0.00	33.63 2.60 -0.06	36.24 2.77 -0.06	38.87 2.78 0.00	41.56 3.47 0.00	44.10 3.99 -0.97	44.39 3.89 0.00	115.01 4.35 -64.38	71.20 4.65 -14.93	109.42 4.51 -52.51	67.52 3.90 -17.14	47.39 3.65 -0.35	45.12 3.56 -2.86	38.06 2.75 -0.06	52.58 2.61 -18.52
ASHOKAN____ 23654	35.48 2.04 0.00	32.90 1.92 0.00	29.66 1.68 0.00	27.61 1.51 0.00	26.90 1.55 0.00	27.52 1.46 0.00	26.32 1.39 0.00	25.61 1.06 0.00	27.55 1.21 0.00	29.92 1.23 0.00	32.15 1.18 0.00	34.65 1.24 0.00	37.43 1.34 0.00	39.73 1.64 0.00	41.05 1.92 0.00	42.56 2.06 0.00	49.05 2.78 0.00	55.08 3.46 0.00	56.39 3.98 0.00	50.10 3.63 0.00	46.34 2.04 -0.91	41.57 2.86 0.00	37.30 2.04 0.00	33.33 1.89 0.00
ASTORIA_EAST_ENERGY_CC1 323581	36.36 2.91 -0.01	33.69 2.69 -0.01	30.37 2.38 -0.01	28.22 2.11 -0.01	27.42 2.05 -0.01	28.15 2.09 -0.01	27.00 2.07 -0.01	26.50 1.94 -0.01	28.51 2.16 -0.01	31.22 2.53 -0.01	33.68 2.69 -0.01	36.29 2.87 -0.01	38.84 2.74 0.00	41.49 3.39 -0.01	43.01 3.87 -0.01	44.15 3.65 -0.01	50.31 4.02 -0.01	56.22 4.59 -0.01	56.92 4.51 -0.01	50.01 3.53 -0.01	47.03 3.34 -0.30	42.16 3.44 -0.01	38.05 2.78 -0.01	34.12 2.67 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	36.36 2.91 -0.01	33.69 2.69 -0.01	30.37 2.38 -0.01	28.22 2.11 -0.01	27.42 2.05 -0.01	28.15 2.09 -0.01	27.00 2.07 -0.01	26.50 1.94 -0.01	28.51 2.16 -0.01	31.22 2.53 -0.01	33.68 2.69 -0.01	36.29 2.87 -0.01	38.84 2.74 0.00	41.49 3.39 -0.01	43.01 3.87 -0.01	44.15 3.65 -0.01	50.31 4.02 -0.01	56.22 4.59 -0.01	56.92 4.51 -0.01	50.01 3.53 -0.01	47.03 3.34 -0.30	42.16 3.44 -0.01	38.05 2.78 -0.01	34.12 2.67 -0.01
ASTORIA_GT2_1 24094	36.39 2.94 -0.01	33.69 2.70 -0.01	30.37 2.38 -0.01	28.22 2.11 -0.01	27.42 2.05 -0.01	28.15 2.08 -0.01	27.00 2.07 -0.01	26.53 1.96 -0.01	28.53 2.19 -0.01	31.22 2.52 -0.01	33.77 2.79 -0.01	36.29 2.87 -0.01	38.87 2.78 0.00	41.48 3.39 0.00	43.01 3.87 -0.01	44.18 3.69 0.00	50.36 4.07 -0.01	56.22 4.59 -0.01	56.80 4.40 0.01	50.06 3.58 -0.01	47.07 3.38 -0.29	42.03 3.33 0.00	38.08 2.82 -0.01	34.12 2.67 -0.01
ASTORIA_GT2_2 24095	36.39 2.94 -0.01	33.69 2.70 -0.01	30.37 2.38 -0.01	28.22 2.11 -0.01	27.42 2.05 -0.01	28.15 2.08 -0.01	27.00 2.07 -0.01	26.53 1.96 -0.01	28.53 2.19 -0.01	31.22 2.52 -0.01	33.77 2.79 -0.01	36.29 2.87 -0.01	38.87 2.78 0.00	41.48 3.39 0.00	43.01 3.87 -0.01	44.18 3.69 0.00	50.36 4.07 -0.01	56.22 4.59 -0.01	56.80 4.40 0.01	50.06 3.58 -0.01	47.07 3.38 -0.29	42.03 3.33 0.00	38.08 2.82 -0.01	34.12 2.67 -0.01
ASTORIA_GT2_3 24096	36.39 2.94 -0.01	33.69 2.70 -0.01	30.37 2.38 -0.01	28.22 2.11 -0.01	27.42 2.05 -0.01	28.15 2.08 -0.01	27.00 2.07 -0.01	26.53 1.96 -0.01	28.53 2.19 -0.01	31.22 2.52 -0.01	33.77 2.79 -0.01	36.29 2.87 -0.01	38.87 2.78 0.00	41.48 3.39 0.00	43.01 3.87 -0.01	44.18 3.69 0.00	50.36 4.07 -0.01	56.22 4.59 -0.01	56.80 4.40 0.01	50.06 3.58 -0.01	47.07 3.38 -0.29	42.03 3.33 0.00	38.08 2.82 -0.01	34.12 2.67 -0.01
ASTORIA_GT2_4 24097	36.39 2.94 -0.01	33.69 2.70 -0.01	30.37 2.38 -0.01	28.22 2.11 -0.01	27.42 2.05 -0.01	28.15 2.08 -0.01	27.00 2.07 -0.01	26.53 1.96 -0.01	28.53 2.19 -0.01	31.22 2.52 -0.01	33.77 2.79 -0.01	36.29 2.87 -0.01	38.87 2.78 0.00	41.48 3.39 0.00	43.01 3.87 -0.01	44.18 3.69 0.00	50.36 4.07 -0.01	56.22 4.59 -0.01	56.80 4.40 0.01	50.06 3.58 -0.01	47.07 3.38 -0.29	42.03 3.33 0.00	38.08 2.82 -0.01	34.12 2.67 -0.01
ASTORIA_GT3_1 24098	36.39 2.94 -0.01	33.69 2.70 -0.01	30.37 2.38 -0.01	28.22 2.11 -0.01	27.42 2.05 -0.01	28.15 2.08 -0.01	27.00 2.07 -0.01	26.53 1.96 -0.01	28.53 2.19 -0.01	31.22 2.52 -0.01	33.77 2.79 -0.01	36.29 2.87 -0.01	38.87 2.78 0.00	41.48 3.39 0.00	43.01 3.87 -0.01	44.18 3.69 0.00	50.36 4.07 -0.01	56.22 4.59 -0.01	56.80 4.40 0.01	50.06 3.58 -0.01	47.07 3.38 -0.29	42.03 3.33 0.00	38.08 2.82 -0.01	34.12 2.67 -0.01
ASTORIA_GT3_2 24099	36.39 2.94 -0.01	33.69 2.70 -0.01	30.37 2.38 -0.01	28.22 2.11 -0.01	27.42 2.05 -0.01	28.15 2.08 -0.01	27.00 2.07 -0.01	26.53 1.96 -0.01	28.53 2.19 -0.01	31.22 2.52 -0.01	33.77 2.79 -0.01	36.29 2.87 -0.01	38.87 2.78 0.00	41.48 3.39 0.00	43.01 3.87 -0.01	44.18 3.69 0.00	50.36 4.07 -0.01	56.22 4.59 -0.01	56.80 4.40 0.01	50.06 3.58 -0.01	47.07 3.38 -0.29	42.03 3.33 0.00	38.08 2.82 -0.01	34.12 2.67 -0.01
ASTORIA_GT3_3 24100	36.39 2.94 -0.01	33.69 2.70 -0.01	30.37 2.38 -0.01	28.22 2.11 -0.01	27.42 2.05 -0.01	28.15 2.08 -0.01	27.00 2.07 -0.01	26.53 1.96 -0.01	28.53 2.19 -0.01	31.22 2.52 -0.01	33.77 2.79 -0.01	36.29 2.87 -0.01	38.87 2.78 0.00	41.48 3.39 0.00	43.01 3.87 -0.01	44.18 3.69 0.00	50.36 4.07 -0.01	56.22 4.59 -0.01	56.80 4.40 0.01	50.06 3.58 -0.01	47.07 3.38 -0.29	42.03 3.33 0.00	38.08 2.82 -0.01	34.12 2.67 -0.01
ASTORIA_GT3_4 24101	36.39 2.94 -0.01	33.69 2.70 -0.01	30.37 2.38 -0.01	28.22 2.11 -0.01	27.42 2.05 -0.01	28.15 2.08 -0.01	27.00 2.07 -0.01	26.53 1.96 -0.01	28.53 2.19 -0.01	31.22 2.52 -0.01	33.77 2.79 -0.01	36.29 2.87 -0.01	38.87 2.78 0.00	41.48 3.39 0.00	43.01 3.87 -0.01	44.18 3.69 0.00	50.36 4.07 -0.01	56.22 4.59 -0.01	56.80 4.40 0.01	50.06 3.58 -0.01	47.07 3.38 -0.29	42.03 3.33 0.00	38.08 2.82 -0.01	34.12 2.67 -0.01
ASTORIA_GT4_1 24102	36.39 2.94 -0.01	33.69 2.70 -0.01	30.37 2.38 -0.01	28.22 2.11 -0.01	27.42 2.05 -0.01	28.15 2.08 -0.01	27.00 2.07 -0.01	26.53 1.96 -0.01	28.53 2.19 -0.01	31.22 2.52 -0.01	33.77 2.79 -0.01	36.29 2.87 -0.01	38.87 2.78 0.00	41.48 3.39 0.00	43.01 3.87 -0.01	44.18 3.69 0.00	50.36 4.07 -0.01	56.22 4.59 -0.01	56.80 4.40 0.01	50.06 3.58 -0.01	47.07 3.38 -0.29	42.03 3.33 0.00	38.08 2.82 -0.01	34.12 2.67 -0.01
ASTORIA_GT4_2 24103	36.39 2.94 -0.01	33.69 2.70 -0.01	30.37 2.38 -0.01	28.22 2.11 -0.01	27.42 2.05 -0.01	28.15 2.08 -0.01	27.00 2.07 -0.01	26.53 1.96 -0.01	28.53 2.19 -0.01	31.22 2.52 -0.01	33.77 2.79 -0.01	36.29 2.87 -0.01	38.87 2.78 0.00	41.48 3.39 0.00	43.01 3.87 -0.01	44.18 3.69 0.00	50.36 4.07 -0.01	56.22 4.59 -0.01	56.80 4.40 0.01	50.06 3.58 -0.01	47.07 3.38 -0.29	42.03 3.33 0.00	38.08 2.82 -0.01	34.12 2.67 -0.01
ASTORIA_GT4_3 24104	36.39 2.94 -0.01	33.69 2.70 -0.01	30.37 2.38 -0.01	28.22 2.11 -0.01	27.42 2.05 -0.01	28.15 2.08 -0.01	27.00 2.07 -0.01	26.53 1.96 -0.01	28.53 2.19 -0.01	31.22 2.52 -0.01	33.77 2.79 -0.01	36.29 2.87 -0.01	38.87 2.78 0.00	41.48 3.39 0.00	43.01 3.87 -0.01	44.18 3.69 0.00	50.36 4.07 -0.01	56.22 4.59 -0.01	56.80 4.40 0.01	50.06 3.58 -0.01	47.07 3.38 -0.29	42.03 3.33 0.00	38.08 2.82 -0.01	34.12 2.67 -0.01

ASTORIA_GT4_4 24105	36.39 2.94 -0.01	33.69 2.70 -0.01	30.37 2.38 -0.01	28.22 2.11 -0.01	27.42 2.05 -0.01	28.15 2.08 -0.01	27.00 2.07 -0.01	26.53 1.96 -0.01	28.53 2.19 -0.01	31.22 2.52 -0.01	33.77 2.79 -0.01	36.29 2.87 -0.01	38.87 2.78 0.00	41.48 3.39 0.00	43.01 3.87 -0.01	44.18 3.69 0.00	50.36 4.07 -0.01	56.22 4.59 -0.01	56.80 4.40 0.01	50.06 3.58 -0.01	47.07 3.38 -0.29	42.03 3.33 0.00	38.08 2.82 -0.01	34.12 2.67 -0.01
ASTORIA_GT_1 23523	36.46 3.01 -0.01	33.78 2.79 -0.01	30.42 2.43 -0.01	28.27 2.16 -0.01	27.47 2.10 -0.01	28.21 2.14 -0.01	27.05 2.12 -0.01	26.58 2.01 -0.01	28.59 2.24 -0.01	31.28 2.58 -0.01	33.77 2.79 -0.01	36.39 2.97 -0.01	38.98 2.89 0.00	41.60 3.50 -0.01	43.13 3.99 -0.01	44.31 3.81 -0.01	50.50 4.21 -0.01	56.37 4.75 -0.01	57.08 4.66 -0.01	50.20 3.72 -0.01	47.21 3.51 -0.30	42.31 3.60 -0.01	38.19 2.92 -0.01	34.22 2.77 -0.01
ASTORIA_GT_10 24110	36.15 2.71 0.00	33.46 2.48 0.00	30.14 2.15 0.00	28.00 1.91 0.00	27.21 1.85 0.00	27.96 1.90 0.00	26.84 1.92 0.00	26.40 1.84 0.00	28.42 2.08 0.00	31.10 2.41 0.00	33.61 2.63 0.00	36.12 2.71 0.00	38.84 2.74 0.00	41.41 3.31 0.00	42.93 3.80 0.00	44.06 3.56 0.00	50.20 3.93 0.01	51.89 4.23 3.96	51.21 4.04 5.24	49.91 3.44 0.00	46.90 3.21 -0.29	41.84 3.14 0.00	37.86 2.61 0.00	33.97 2.52 -0.01
ASTORIA_GT_11 24225	36.15 2.71 0.00	33.46 2.48 0.00	30.14 2.15 0.00	28.00 1.91 0.00	27.21 1.85 0.00	27.96 1.90 0.00	26.84 1.92 0.00	26.40 1.84 0.00	28.42 2.08 0.00	31.10 2.41 0.00	33.61 2.63 0.00	36.12 2.71 0.00	38.84 2.74 0.00	41.41 3.31 0.00	42.93 3.80 0.00	44.06 3.56 0.00	50.20 3.93 0.01	51.89 4.23 3.96	51.21 4.04 5.24	49.91 3.44 0.00	46.90 3.21 -0.29	41.84 3.14 0.00	37.86 2.61 0.00	33.97 2.52 -0.01
ASTORIA_GT_12 24226	36.15 2.71 0.00	33.46 2.48 0.00	30.14 2.15 0.00	28.00 1.91 0.00	27.21 1.85 0.00	27.96 1.90 0.00	26.84 1.92 0.00	26.40 1.84 0.00	28.42 2.08 0.00	31.10 2.41 0.00	33.61 2.63 0.00	36.12 2.71 0.00	38.84 2.74 0.00	41.41 3.31 0.00	42.93 3.80 0.00	44.06 3.56 0.00	50.20 3.93 0.01	51.89 4.23 3.96	51.21 4.04 5.24	49.91 3.44 0.00	46.90 3.21 -0.29	41.84 3.14 0.00	37.86 2.61 0.00	33.97 2.52 -0.01
ASTORIA_GT_13 24227	36.15 2.71 0.00	33.46 2.48 0.00	30.14 2.15 0.00	28.00 1.91 0.00	27.21 1.85 0.00	27.96 1.90 0.00	26.84 1.92 0.00	26.40 1.84 0.00	28.42 2.08 0.00	31.10 2.41 0.00	33.61 2.63 0.00	36.12 2.71 0.00	38.84 2.74 0.00	41.41 3.31 0.00	42.93 3.80 0.00	44.06 3.56 0.00	50.20 3.93 0.01	51.89 4.23 3.96	51.21 4.04 5.24	49.91 3.44 0.00	46.90 3.21 -0.29	41.84 3.14 0.00	37.86 2.61 0.00	33.97 2.52 -0.01
ASTORIA_GT_5 24106	36.46 3.01 -0.01	33.78 2.79 -0.01	30.42 2.43 -0.01	28.27 2.17 -0.01	27.47 2.10 -0.01	28.21 2.14 -0.01	27.05 2.12 -0.01	26.58 2.01 -0.01	28.59 2.24 -0.01	31.28 2.58 -0.01	33.83 2.85 -0.01	36.39 2.97 -0.01	38.98 2.89 0.00	41.60 3.50 0.00	43.13 3.99 -0.01	44.31 3.81 0.00	50.50 4.21 -0.01	56.33 4.70 -0.01	56.96 4.56 0.01	50.20 3.72 -0.01	47.20 3.51 -0.29	42.15 3.44 0.00	38.19 2.93 -0.01	34.22 2.77 -0.01
ASTORIA_GT_7 24107	36.46 3.01 -0.01	33.78 2.79 -0.01	30.42 2.43 -0.01	28.27 2.17 -0.01	27.47 2.10 -0.01	28.21 2.14 -0.01	27.05 2.12 -0.01	26.58 2.01 -0.01	28.59 2.24 -0.01	31.28 2.58 -0.01	33.83 2.85 -0.01	36.39 2.97 -0.01	38.98 2.89 0.00	41.60 3.50 0.00	43.13 3.99 -0.01	44.31 3.81 0.00	50.50 4.21 -0.01	56.33 4.70 -0.01	56.96 4.56 0.01	50.20 3.72 -0.01	47.20 3.51 -0.29	42.15 3.44 0.00	38.19 2.93 -0.01	34.22 2.77 -0.01
ASTORIA_GT_8 24108	36.46 3.01 -0.01	33.78 2.79 -0.01	30.42 2.43 -0.01	28.27 2.17 -0.01	27.47 2.10 -0.01	28.21 2.14 -0.01	27.05 2.12 -0.01	26.58 2.01 -0.01	28.59 2.24 -0.01	31.28 2.58 -0.01	33.83 2.85 -0.01	36.39 2.97 -0.01	38.98 2.89 0.00	41.60 3.50 0.00	43.13 3.99 -0.01	44.31 3.81 0.00	50.50 4.21 -0.01	56.33 4.70 -0.01	56.96 4.56 0.01	50.20 3.72 -0.01	47.20 3.51 -0.29	42.15 3.44 0.00	38.19 2.93 -0.01	34.22 2.77 -0.01
ASTORIA___2 24149	36.39 2.94 -0.01	33.69 2.69 -0.01	30.37 2.38 -0.01	28.22 2.11 -0.01	27.42 2.05 -0.01	28.15 2.09 -0.01	27.00 2.07 -0.01	26.50 1.94 -0.01	28.53 2.18 -0.01	31.22 2.53 -0.01	33.71 2.73 -0.01	36.29 2.87 -0.01	38.87 2.78 0.00	41.49 3.39 -0.01	43.01 3.87 -0.01	44.19 3.68 -0.01	50.36 4.07 -0.01	56.22 4.59 -0.01	56.92 4.51 -0.01	50.06 3.58 -0.01	47.08 3.39 -0.30	42.20 3.48 -0.01	38.08 2.82 -0.01	34.12 2.67 -0.01
ASTORIA___3 23516	36.15 2.71 0.00	33.46 2.48 0.00	30.14 2.15 0.00	28.00 1.90 0.00	27.21 1.85 0.00	27.96 1.90 0.00	26.85 1.92 0.00	26.40 1.84 0.00	28.42 2.08 0.00	31.10 2.41 0.00	33.54 2.57 0.00	36.11 2.70 0.00	38.84 2.74 0.00	41.45 3.35 0.00	42.89 3.76 0.00	44.06 3.56 0.00	50.16 3.89 0.01	51.79 4.13 3.96	51.15 3.98 5.24	49.91 3.44 0.00	46.89 3.21 -0.29	41.99 3.29 0.00	37.86 2.61 0.00	33.97 2.52 -0.01
ASTORIA___4 23517	36.15 2.71 0.00	33.46 2.48 0.00	30.14 2.15 0.00	28.00 1.91 0.00	27.21 1.85 0.00	27.96 1.90 0.00	26.84 1.92 0.00	26.40 1.84 0.00	28.42 2.08 0.00	31.10 2.41 0.00	33.61 2.63 0.00	36.12 2.71 0.00	38.84 2.74 0.00	41.41 3.31 0.00	42.93 3.80 0.00	44.06 3.56 0.00	50.20 3.93 0.01	51.89 4.23 3.96	51.21 4.04 5.24	49.91 3.44 0.00	46.90 3.21 -0.29	41.84 3.14 0.00	37.86 2.61 0.00	33.97 2.52 -0.01
ASTORIA___5 23518	36.15 2.71 0.00	33.46 2.48 0.00	30.14 2.15 0.00	28.00 1.90 0.00	27.21 1.85 0.00	27.96 1.90 0.00	26.85 1.92 0.00	26.40 1.84 0.00	28.42 2.08 0.00	31.10 2.41 0.00	33.54 2.57 0.00	36.11 2.70 0.00	38.84 2.74 0.00	41.45 3.35 0.00	42.89 3.76 0.00	44.06 3.56 0.00	50.16 3.89 0.01	51.79 4.13 3.96	51.15 3.98 5.24	49.91 3.44 0.00	46.89 3.21 -0.29	41.99 3.29 0.00	37.86 2.61 0.00	33.97 2.52 -0.01
AST_ENERGY_2_CC3 323677	36.02 2.58 0.00	33.34 2.35 0.00	30.02 2.04 0.00	27.90 1.80 0.00	27.10 1.75 0.00	27.88 1.82 0.00	26.80 1.87 0.00	26.35 1.79 0.00	28.40 2.06 0.00	31.04 2.35 0.00	33.42 2.45 0.00	35.98 2.57 0.00	38.84 2.74 0.00	41.41 3.31 0.00	42.77 3.64 0.00	44.10 3.60 0.00	50.30 4.02 0.00	55.90 4.28 0.00	56.50 4.09 0.00	50.05 3.58 0.00	46.89 3.21 -0.29	41.80 3.10 0.00	37.65 2.40 0.00	33.77 2.33 0.00
AST_ENERGY_2_CC4 323678	36.02 2.58 0.00	33.34 2.35 0.00	30.02 2.04 0.00	27.90 1.80 0.00	27.10 1.75 0.00	27.88 1.82 0.00	26.80 1.87 0.00	26.35 1.79 0.00	28.40 2.06 0.00	31.04 2.35 0.00	33.42 2.45 0.00	35.98 2.57 0.00	38.84 2.74 0.00	41.41 3.31 0.00	42.77 3.64 0.00	44.10 3.60 0.00	50.30 4.02 0.00	55.90 4.28 0.00	56.50 4.09 0.00	50.05 3.58 0.00	46.89 3.21 -0.29	41.80 3.10 0.00	37.65 2.40 0.00	33.77 2.33 0.00

ATHENS_STG_1 23668	34.61 1.17 0.00	32.07 1.08 0.00	29.02 1.04 0.00	27.06 0.97 0.00	26.30 0.94 0.00	27.03 0.96 0.00	25.87 0.95 0.00	25.39 0.84 0.00	27.29 0.95 0.00	29.75 1.06 0.00	32.00 1.02 0.00	34.51 1.10 0.00	37.25 1.15 0.00	39.62 1.53 0.00	40.81 1.68 0.00	42.28 1.78 0.00	48.41 2.13 0.00	53.84 2.22 0.00	54.56 2.15 0.00	48.38 1.91 0.00	45.36 1.74 -0.23	40.21 1.51 0.00	36.24 0.99 0.00	32.48 1.04 0.00
ATHENS_STG_2 23670	34.61 1.17 0.00	32.07 1.08 0.00	29.02 1.04 0.00	27.06 0.97 0.00	26.30 0.94 0.00	27.03 0.96 0.00	25.87 0.95 0.00	25.39 0.84 0.00	27.29 0.95 0.00	29.75 1.06 0.00	32.00 1.02 0.00	34.51 1.10 0.00	37.25 1.15 0.00	39.62 1.53 0.00	40.81 1.68 0.00	42.28 1.78 0.00	48.41 2.13 0.00	53.84 2.22 0.00	54.56 2.15 0.00	48.38 1.91 0.00	45.36 1.74 -0.23	40.21 1.51 0.00	36.24 0.99 0.00	32.48 1.04 0.00
ATHENS_STG_3 23677	34.61 1.17 0.00	32.07 1.08 0.00	29.02 1.04 0.00	27.06 0.97 0.00	26.30 0.94 0.00	27.03 0.96 0.00	25.87 0.95 0.00	25.39 0.84 0.00	27.29 0.95 0.00	29.75 1.06 0.00	32.00 1.02 0.00	34.51 1.10 0.00	37.25 1.15 0.00	39.62 1.53 0.00	40.81 1.68 0.00	42.28 1.78 0.00	48.41 2.13 0.00	53.84 2.22 0.00	54.56 2.15 0.00	48.38 1.91 0.00	45.36 1.74 -0.23	40.21 1.51 0.00	36.24 0.99 0.00	32.48 1.04 0.00
AUBURN___LFGE 323710	34.36 0.37 -0.55	31.39 0.25 -0.16	28.15 0.17 0.00	26.23 0.13 0.00	25.43 0.08 0.00	26.19 0.13 0.00	24.93 0.00 0.00	24.68 0.12 0.00	26.44 0.11 0.00	28.86 0.17 0.00	31.25 0.28 0.00	34.17 0.43 -0.33	37.02 0.58 -0.35	39.59 0.99 -0.51	40.16 0.86 -0.17	41.39 0.89 0.00	47.39 1.11 0.00	53.17 1.55 0.00	54.59 1.83 -0.35	49.21 1.53 -1.20	45.86 1.39 -1.08	41.06 1.24 -1.12	37.47 0.88 -1.33	32.29 0.60 -0.25
BABYLON_RES_REC 323704	38.55 3.18 -1.93	37.97 2.88 -4.10	37.00 2.57 -6.45	34.49 2.30 -6.09	32.97 2.26 -5.36	32.81 2.32 -4.43	27.35 2.32 -0.11	29.99 2.23 -3.20	35.32 2.48 -6.51	36.87 2.75 -5.42	34.03 2.91 -0.14	37.25 3.11 -0.73	39.32 3.18 -0.05	41.69 3.54 -0.05	42.61 3.48 0.00	44.31 3.81 0.00	51.00 4.35 -0.38	56.78 4.59 -0.57	56.81 4.40 0.00	50.33 3.86 0.00	47.11 3.43 -0.29	41.92 3.21 0.00	37.86 2.61 0.00	34.02 2.58 0.00
BABYLON___69_KV_BK2 356345	39.01 3.65 -1.93	38.40 3.32 -4.10	37.34 2.91 -6.45	34.82 2.64 -6.09	33.28 2.56 -5.36	33.13 2.63 -4.43	27.65 2.62 -0.11	30.28 2.53 -3.20	35.66 2.82 -6.51	37.24 3.13 -5.42	34.59 3.47 -0.14	37.85 3.71 -0.73	39.86 3.72 -0.05	42.11 3.96 -0.05	43.55 4.42 0.00	45.36 4.86 0.00	53.19 5.74 -1.17	59.52 6.14 -1.76	58.23 5.82 0.00	51.63 5.16 0.00	48.24 4.56 -0.29	42.63 3.91 -0.01	38.29 3.03 0.00	34.40 2.96 0.00
BALL_HILL_WT_PWR 323825	33.71 0.27 0.00	31.17 0.19 0.00	28.07 0.08 0.00	26.23 0.13 0.00	25.26 -0.10 0.00	26.01 -0.05 0.00	24.53 -0.40 0.00	24.48 -0.07 0.00	26.37 0.03 0.00	28.55 -0.14 0.00	31.84 0.87 0.00	34.34 0.93 0.00	37.32 1.23 0.00	40.30 2.21 0.00	41.13 1.99 0.00	42.20 1.70 0.00	48.31 2.03 0.00	54.30 2.68 0.00	55.18 2.78 0.00	48.80 2.32 0.00	45.26 1.86 0.00	41.11 2.40 0.00	37.02 1.76 0.00	32.42 0.98 0.00
BARON_WINDS___WT_PWR 323822	34.01 0.43 -0.14	31.36 0.34 -0.04	28.20 0.22 0.00	26.33 0.23 0.00	25.43 0.08 0.00	26.17 0.10 0.00	24.80 -0.12 0.00	24.68 0.12 0.00	26.47 0.13 0.00	28.75 0.06 0.00	31.65 0.68 0.00	34.23 0.73 -0.08	37.16 0.97 -0.09	39.94 1.72 -0.13	40.66 1.49 -0.04	41.88 1.38 0.00	47.99 1.71 0.00	54.00 2.38 0.00	55.17 2.67 -0.09	49.05 2.28 -0.30	45.57 1.91 -0.27	41.19 2.21 -0.28	37.17 1.59 -0.33	32.45 0.94 -0.06
BARRETT_IC_1 23704	38.25 2.88 -1.93	37.79 2.69 -4.11	36.80 2.38 -6.45	34.30 2.11 -6.09	32.79 2.08 -5.36	32.63 2.14 -4.43	27.18 2.14 -0.11	29.82 2.06 -3.20	35.19 2.34 -6.51	36.75 2.64 -5.42	33.81 2.69 -0.14	36.88 2.74 -0.73	38.74 2.63 -0.01	41.16 3.05 -0.01	42.50 3.37 0.00	44.10 3.60 0.00	50.49 4.21 0.00	56.01 4.39 0.00	56.60 4.19 0.00	50.10 3.63 0.00	46.77 3.08 -0.29	41.65 2.94 0.00	37.72 2.47 0.00	33.87 2.42 0.00
BARRETT_IC_10 23701	38.25 2.88 -1.93	37.79 2.69 -4.11	36.80 2.38 -6.45	34.30 2.11 -6.09	32.79 2.08 -5.36	32.63 2.14 -4.43	27.18 2.14 -0.11	29.82 2.06 -3.20	35.19 2.34 -6.51	36.75 2.64 -5.42	33.81 2.69 -0.14	36.88 2.74 -0.73	38.74 2.63 -0.01	41.16 3.05 -0.01	42.50 3.37 0.00	44.10 3.60 0.00	50.49 4.21 0.00	56.01 4.39 0.00	56.60 4.19 0.00	50.10 3.63 0.00	46.77 3.08 -0.29	41.65 2.94 0.00	37.72 2.47 0.00	33.87 2.42 0.00
BARRETT_IC_11 23702	38.25 2.88 -1.93	37.79 2.69 -4.11	36.80 2.38 -6.45	34.30 2.11 -6.09	32.79 2.08 -5.36	32.63 2.14 -4.43	27.18 2.14 -0.11	29.82 2.06 -3.20	35.19 2.34 -6.51	36.75 2.64 -5.42	33.81 2.69 -0.14	36.88 2.74 -0.73	38.74 2.63 -0.01	41.16 3.05 -0.01	42.50 3.37 0.00	44.10 3.60 0.00	50.49 4.21 0.00	56.01 4.39 0.00	56.60 4.19 0.00	50.10 3.63 0.00	46.77 3.08 -0.29	41.65 2.94 0.00	37.72 2.47 0.00	33.87 2.42 0.00
BARRETT_IC_12 23703	38.25 2.88 -1.93	37.79 2.69 -4.11	36.80 2.38 -6.45	34.30 2.11 -6.09	32.79 2.08 -5.36	32.63 2.14 -4.43	27.18 2.14 -0.11	29.82 2.06 -3.20	35.19 2.34 -6.51	36.75 2.64 -5.42	33.81 2.69 -0.14	36.88 2.74 -0.73	38.74 2.63 -0.01	41.16 3.05 -0.01	42.50 3.37 0.00	44.10 3.60 0.00	50.49 4.21 0.00	56.01 4.39 0.00	56.60 4.19 0.00	50.10 3.63 0.00	46.77 3.08 -0.29	41.65 2.94 0.00	37.72 2.47 0.00	33.87 2.42 0.00
BARRETT_IC_2 23705	38.25 2.88 -1.93	37.79 2.69 -4.11	36.80 2.38 -6.45	34.30 2.11 -6.09	32.79 2.08 -5.36	32.63 2.14 -4.43	27.18 2.14 -0.11	29.82 2.06 -3.20	35.19 2.34 -6.51	36.75 2.64 -5.42	33.81 2.69 -0.14	36.88 2.74 -0.73	38.74 2.63 -0.01	41.16 3.05 -0.01	42.50 3.37 0.00	44.10 3.60 0.00	50.49 4.21 0.00	56.01 4.39 0.00	56.60 4.19 0.00	50.10 3.63 0.00	46.77 3.08 -0.29	41.65 2.94 0.00	37.72 2.47 0.00	33.87 2.42 0.00
BARRETT_IC_3 23706	38.25 2.88 -1.93	37.79 2.69 -4.11	36.80 2.38 -6.45	34.30 2.11 -6.09	32.79 2.08 -5.36	32.63 2.14 -4.43	27.18 2.14 -0.11	29.82 2.06 -3.20	35.19 2.34 -6.51	36.75 2.64 -5.42	33.81 2.69 -0.14	36.88 2.74 -0.73	38.74 2.63 -0.01	41.16 3.05 -0.01	42.50 3.37 0.00	44.10 3.60 0.00	50.49 4.21 0.00	56.01 4.39 0.00	56.60 4.19 0.00	50.10 3.63 0.00	46.77 3.08 -0.29	41.65 2.94 0.00	37.72 2.47 0.00	33.87 2.42 0.00
BARRETT_IC_4 23707	38.25 2.88 -1.93	37.79 2.69 -4.11	36.80 2.38 -6.45	34.30 2.11 -6.09	32.79 2.08 -5.36	32.63 2.14 -4.43	27.18 2.14 -0.11	29.82 2.06 -3.20	35.19 2.34 -6.51	36.75 2.64 -5.42	33.81 2.69 -0.14	36.88 2.74 -0.73	38.74 2.63 -0.01	41.16 3.05 -0.01	42.50 3.37 0.00	44.10 3.60 0.00	50.49 4.21 0.00	56.01 4.39 0.00	56.60 4.19 0.00	50.10 3.63 0.00	46.77 3.08 -0.29	41.65 2.94 0.00	37.72 2.47 0.00	33.87 2.42 0.00

BARRETT_IC_5 23708	38.25 2.88 -1.93	37.79 2.69 -4.11	36.80 2.38 -6.45	34.30 2.11 -6.09	32.79 2.08 -5.36	32.63 2.14 -4.43	27.18 2.14 -0.11	29.82 2.06 -3.20	35.19 2.34 -6.51	36.75 2.64 -5.42	33.81 2.69 -0.14	36.88 2.74 -0.73	38.74 2.63 -0.01	41.16 3.05 -0.01	42.50 3.37 0.00	44.10 3.60 0.00	50.49 4.21 0.00	56.01 4.39 0.00	56.60 4.19 0.00	50.10 3.63 0.00	46.77 3.08 -0.29	41.65 2.94 0.00	37.72 2.47 0.00	33.87 2.42 0.00
BARRETT_IC_6 23709	38.25 2.88 -1.93	37.79 2.69 -4.11	36.80 2.38 -6.45	34.30 2.11 -6.09	32.79 2.08 -5.36	32.63 2.14 -4.43	27.18 2.14 -0.11	29.82 2.06 -3.20	35.19 2.34 -6.51	36.75 2.64 -5.42	33.81 2.69 -0.14	36.88 2.74 -0.73	38.74 2.63 -0.01	41.16 3.05 -0.01	42.50 3.37 0.00	44.10 3.60 0.00	50.49 4.21 0.00	56.01 4.39 0.00	56.60 4.19 0.00	50.10 3.63 0.00	46.77 3.08 -0.29	41.65 2.94 0.00	37.72 2.47 0.00	33.87 2.42 0.00
BARRETT_IC_7 23710	38.25 2.88 -1.93	37.78 2.70 -4.10	36.81 2.38 -6.45	34.30 2.11 -6.09	32.79 2.08 -5.36	32.63 2.14 -4.43	27.18 2.14 -0.11	29.82 2.06 -3.20	35.19 2.34 -6.51	36.75 2.64 -5.42	33.87 2.76 -0.14	36.88 2.74 -0.73	38.85 2.74 -0.01	41.12 3.01 -0.01	42.50 3.37 0.00	44.10 3.60 0.00	50.53 4.26 0.00	56.11 4.49 0.00	56.60 4.19 0.00	50.05 3.58 0.00	46.76 3.08 -0.29	41.49 2.79 0.00	37.72 2.47 0.00	33.87 2.42 0.00
BARRETT_IC_8 23711	38.25 2.88 -1.93	37.79 2.69 -4.11	36.80 2.38 -6.45	34.30 2.11 -6.09	32.79 2.08 -5.36	32.63 2.14 -4.43	27.18 2.14 -0.11	29.82 2.06 -3.20	35.19 2.34 -6.51	36.75 2.64 -5.42	33.81 2.69 -0.14	36.88 2.74 -0.73	38.74 2.63 -0.01	41.16 3.05 -0.01	42.50 3.37 0.00	44.10 3.60 0.00	50.49 4.21 0.00	56.01 4.39 0.00	56.60 4.19 0.00	50.10 3.63 0.00	46.77 3.08 -0.29	41.65 2.94 0.00	37.72 2.47 0.00	33.87 2.42 0.00
BARRETT_IC_9 23700	38.25 2.88 -1.93	37.79 2.69 -4.11	36.80 2.38 -6.45	34.30 2.11 -6.09	32.79 2.08 -5.36	32.63 2.14 -4.43	27.18 2.14 -0.11	29.82 2.06 -3.20	35.19 2.34 -6.51	36.75 2.64 -5.42	33.81 2.69 -0.14	36.88 2.74 -0.73	38.74 2.63 -0.01	41.16 3.05 -0.01	42.50 3.37 0.00	44.10 3.60 0.00	50.49 4.21 0.00	56.01 4.39 0.00	56.60 4.19 0.00	50.10 3.63 0.00	46.77 3.08 -0.29	41.65 2.94 0.00	37.72 2.47 0.00	33.87 2.42 0.00
BARRETT___1 23545	38.25 2.88 -1.93	37.79 2.69 -4.11	36.80 2.38 -6.45	34.30 2.11 -6.09	32.79 2.08 -5.36	32.63 2.14 -4.43	27.18 2.14 -0.11	29.82 2.06 -3.20	35.19 2.34 -6.51	36.75 2.64 -5.42	33.81 2.69 -0.14	36.88 2.74 -0.73	38.74 2.63 -0.01	41.16 3.05 -0.01	42.50 3.37 0.00	44.10 3.60 0.00	50.49 4.21 0.00	56.01 4.39 0.00	56.60 4.19 0.00	50.10 3.63 0.00	46.77 3.08 -0.29	41.65 2.94 0.00	37.72 2.47 0.00	33.87 2.42 0.00
BARRETT___2 23546	38.25 2.88 -1.93	37.79 2.69 -4.11	36.80 2.38 -6.45	34.30 2.11 -6.09	32.79 2.08 -5.36	32.63 2.14 -4.43	27.18 2.14 -0.11	29.82 2.06 -3.20	35.19 2.34 -6.51	36.75 2.64 -5.42	33.81 2.69 -0.14	36.88 2.74 -0.73	38.74 2.63 -0.01	41.16 3.05 -0.01	42.50 3.37 0.00	44.10 3.60 0.00	50.49 4.21 0.00	56.01 4.39 0.00	56.60 4.19 0.00	50.10 3.63 0.00	46.77 3.08 -0.29	41.65 2.94 0.00	37.72 2.47 0.00	33.87 2.42 0.00
BATAVIA__115KV_TB1 55881	34.11 0.67 0.00	31.51 0.53 0.00	28.35 0.36 0.00	26.46 0.37 0.00	25.51 0.15 0.00	26.30 0.23 0.00	24.73 -0.20 0.00	24.60 0.05 0.00	26.37 0.03 0.00	28.58 -0.11 0.00	31.38 0.40 0.00	34.28 0.87 0.00	37.25 1.15 0.00	40.27 2.17 0.00	41.01 1.88 0.00	42.24 1.74 0.00	48.41 2.13 0.00	54.46 2.84 0.00	55.66 3.25 0.00	49.31 2.83 0.00	46.00 2.60 0.00	41.53 2.83 0.00	37.37 2.12 0.00	32.76 1.32 0.00
BAYONEEC___CTG1 323682	36.05 2.61 0.00	33.37 2.39 0.00	30.08 2.10 0.00	27.92 1.83 0.00	27.13 1.77 0.00	27.91 1.85 0.00	26.85 1.92 0.00	26.37 1.82 0.00	28.45 2.11 0.00	31.07 2.38 0.00	33.48 2.51 0.00	36.05 2.64 0.00	38.87 2.78 0.00	41.45 3.35 0.00	42.81 3.68 0.00	44.10 3.60 0.00	45.71 4.02 4.59	47.19 4.28 8.71	45.71 4.09 10.78	45.30 3.58 4.75	44.16 3.26 2.49	41.84 3.13 0.00	37.72 2.47 0.00	33.83 2.39 0.00
BAYONEEC___CTG10 323750	36.05 2.61 0.00	33.37 2.39 0.00	30.08 2.10 0.00	27.92 1.83 0.00	27.13 1.77 0.00	27.91 1.85 0.00	26.85 1.92 0.00	26.37 1.82 0.00	28.45 2.11 0.00	31.07 2.38 0.00	33.48 2.51 0.00	36.05 2.64 0.00	38.87 2.78 0.00	41.45 3.35 0.00	42.81 3.68 0.00	44.10 3.60 0.00	45.71 4.02 4.59	47.19 4.28 8.71	45.71 4.09 10.78	45.30 3.58 4.75	44.16 3.26 2.49	41.84 3.13 0.00	37.72 2.47 0.00	33.83 2.39 0.00
BAYONEEC___CTG2 323683	36.05 2.61 0.00	33.37 2.39 0.00	30.08 2.10 0.00	27.92 1.83 0.00	27.13 1.77 0.00	27.91 1.85 0.00	26.85 1.92 0.00	26.37 1.82 0.00	28.45 2.11 0.00	31.07 2.38 0.00	33.48 2.51 0.00	36.05 2.64 0.00	38.87 2.78 0.00	41.45 3.35 0.00	42.81 3.68 0.00	44.10 3.60 0.00	45.71 4.02 4.59	47.19 4.28 8.71	45.71 4.09 10.78	45.30 3.58 4.75	44.16 3.26 2.49	41.84 3.13 0.00	37.72 2.47 0.00	33.83 2.39 0.00
BAYONEEC___CTG3 323684	36.05 2.61 0.00	33.37 2.39 0.00	30.08 2.10 0.00	27.92 1.83 0.00	27.13 1.77 0.00	27.91 1.85 0.00	26.85 1.92 0.00	26.37 1.82 0.00	28.45 2.11 0.00	31.07 2.38 0.00	33.48 2.51 0.00	36.05 2.64 0.00	38.87 2.78 0.00	41.45 3.35 0.00	42.81 3.68 0.00	44.10 3.60 0.00	45.71 4.02 4.59	47.19 4.28 8.71	45.71 4.09 10.78	45.30 3.58 4.75	44.16 3.26 2.49	41.84 3.13 0.00	37.72 2.47 0.00	33.83 2.39 0.00
BAYONEEC___CTG4 323685	36.05 2.61 0.00	33.37 2.39 0.00	30.08 2.10 0.00	27.92 1.83 0.00	27.13 1.77 0.00	27.91 1.85 0.00	26.85 1.92 0.00	26.37 1.82 0.00	28.45 2.11 0.00	31.07 2.38 0.00	33.48 2.51 0.00	36.05 2.64 0.00	38.87 2.78 0.00	41.45 3.35 0.00	42.81 3.68 0.00	44.10 3.60 0.00	45.71 4.02 4.59	47.19 4.28 8.71	45.71 4.09 10.78	45.30 3.58 4.75	44.16 3.26 2.49	41.84 3.13 0.00	37.72 2.47 0.00	33.83 2.39 0.00
BAYONEEC___CTG5 323686	36.05 2.61 0.00	33.37 2.39 0.00	30.08 2.10 0.00	27.92 1.83 0.00	27.13 1.77 0.00	27.91 1.85 0.00	26.85 1.92 0.00	26.37 1.82 0.00	28.45 2.11 0.00	31.07 2.38 0.00	33.48 2.51 0.00	36.05 2.64 0.00	38.87 2.78 0.00	41.45 3.35 0.00	42.81 3.68 0.00	44.10 3.60 0.00	45.71 4.02 4.59	47.19 4.28 8.71	45.71 4.09 10.78	45.30 3.58 4.75	44.16 3.26 2.49	41.84 3.13 0.00	37.72 2.47 0.00	33.83 2.39 0.00
BAYONEEC___CTG6 323687	36.05 2.61 0.00	33.37 2.39 0.00	30.08 2.10 0.00	27.92 1.83 0.00	27.13 1.77 0.00	27.91 1.85 0.00	26.85 1.92 0.00	26.37 1.82 0.00	28.45 2.11 0.00	31.07 2.38 0.00	33.48 2.51 0.00	36.05 2.64 0.00	38.87 2.78 0.00	41.45 3.35 0.00	42.81 3.68 0.00	44.10 3.60 0.00	45.71 4.02 4.59	47.19 4.28 8.71	45.71 4.09 10.78	45.30 3.58 4.75	44.16 3.26 2.49	41.84 3.13 0.00	37.72 2.47 0.00	33.83 2.39 0.00

BAYONEEC___CTG7 323688	36.05 2.61 0.00	33.37 2.39 0.00	30.08 2.10 0.00	27.92 1.83 0.00	27.13 1.77 0.00	27.91 1.85 0.00	26.85 1.92 0.00	26.37 1.82 0.00	28.45 2.11 0.00	31.07 2.38 0.00	33.48 2.51 0.00	36.05 2.64 0.00	38.87 2.78 0.00	41.45 3.35 0.00	42.81 3.68 0.00	44.10 3.60 0.00	45.71 4.02 4.59	47.19 4.28 8.71	45.71 4.09 10.78	45.30 3.58 4.75	44.16 3.26 2.49	41.84 3.13 0.00	37.72 2.47 0.00	33.83 2.39 0.00
BAYONEEC___CTG8 323689	36.05 2.61 0.00	33.37 2.39 0.00	30.08 2.10 0.00	27.92 1.83 0.00	27.13 1.77 0.00	27.91 1.85 0.00	26.85 1.92 0.00	26.37 1.82 0.00	28.45 2.11 0.00	31.07 2.38 0.00	33.48 2.51 0.00	36.05 2.64 0.00	38.87 2.78 0.00	41.45 3.35 0.00	42.81 3.68 0.00	44.10 3.60 0.00	45.71 4.02 4.59	47.19 4.28 8.71	45.71 4.09 10.78	45.30 3.58 4.75	44.16 3.26 2.49	41.84 3.13 0.00	37.72 2.47 0.00	33.83 2.39 0.00
BAYONEEC___CTG9 323749	36.05 2.61 0.00	33.37 2.39 0.00	30.08 2.10 0.00	27.92 1.83 0.00	27.13 1.77 0.00	27.91 1.85 0.00	26.85 1.92 0.00	26.37 1.82 0.00	28.45 2.11 0.00	31.07 2.38 0.00	33.48 2.51 0.00	36.05 2.64 0.00	38.87 2.78 0.00	41.45 3.35 0.00	42.81 3.68 0.00	44.10 3.60 0.00	45.71 4.02 4.59	47.19 4.28 8.71	45.71 4.09 10.78	45.30 3.58 4.75	44.16 3.26 2.49	41.84 3.13 0.00	37.72 2.47 0.00	33.83 2.39 0.00
BEACON___LESR 323632	34.58 1.14 0.00	32.00 1.02 0.00	28.88 0.90 0.00	26.96 0.86 0.00	26.27 0.91 0.00	26.95 0.89 0.00	25.90 0.97 0.00	25.36 0.81 0.00	27.29 0.95 0.00	29.64 0.95 0.00	31.90 0.93 0.00	34.45 1.04 0.00	37.21 1.12 0.00	39.58 1.48 0.00	40.74 1.61 0.00	42.28 1.78 0.00	48.41 2.13 0.00	54.10 2.48 0.00	54.87 2.46 0.00	48.57 2.09 0.00	47.10 1.95 -1.75	40.29 1.59 0.00	36.28 1.02 0.00	32.45 1.01 0.00
BEAVER RIVER___HYD 24048	33.73 -0.03 -0.32	31.05 -0.03 -0.09	27.93 -0.06 0.00	25.99 -0.10 0.00	25.23 -0.13 0.00	25.96 -0.10 0.00	24.78 -0.15 0.00	24.46 -0.10 0.00	26.10 -0.24 0.00	28.40 -0.29 0.00	30.60 -0.37 0.00	33.24 -0.37 -0.19	35.90 -0.40 -0.20	37.86 -0.53 -0.30	38.33 -0.90 -0.10	39.37 -1.13 0.00	44.93 -1.34 0.00	50.28 -1.34 0.00	51.51 -1.10 -0.20	46.57 -0.61 -0.70	43.59 -0.43 -0.63	39.01 -0.35 -0.65	35.71 -0.32 -0.78	31.18 -0.41 -0.15
BEEBEE_GT_13 23619	33.61 0.17 0.00	31.04 0.06 0.00	27.93 -0.06 0.00	26.07 -0.03 0.00	25.18 -0.18 0.00	25.93 -0.13 0.00	24.58 -0.35 0.00	24.41 -0.15 0.00	26.18 -0.16 0.00	28.49 -0.20 0.00	31.13 0.15 0.00	33.91 0.50 0.00	36.78 0.69 0.00	39.50 1.41 0.00	40.27 1.13 0.00	41.63 1.13 0.00	47.62 1.34 0.00	53.43 1.81 0.00	54.45 2.04 0.00	48.19 1.72 0.00	45.00 1.61 0.00	40.45 1.74 0.00	36.45 1.20 0.00	32.10 0.66 0.00
BENSHRST_27_KV_BENSHRST_1 355998	36.57 3.11 -0.02	33.84 2.85 -0.01	30.48 2.49 -0.01	28.29 2.19 0.00	27.49 2.13 0.00	28.20 2.14 0.00	27.07 2.14 0.00	26.59 2.04 0.00	28.68 2.34 0.00	31.42 2.73 0.00	34.03 3.00 -0.06	36.61 3.14 -0.06	39.27 3.18 0.00	41.90 3.81 0.00	44.49 4.38 -0.97	44.71 4.21 0.00	115.64 4.72 -64.65	71.69 5.11 -14.96	110.07 4.98 -52.68	67.91 4.23 -17.21	47.69 3.95 -0.35	45.28 3.72 -2.86	38.41 3.10 -0.06	52.89 2.92 -18.52
BETHLEHEM___GRP 23843	33.98 0.54 0.00	31.51 0.53 0.00	28.46 0.48 0.00	26.57 0.47 0.00	25.89 0.53 0.00	26.56 0.50 0.00	25.52 0.60 0.00	25.00 0.44 0.00	26.87 0.53 0.00	29.15 0.46 0.00	31.38 0.40 0.00	33.81 0.40 0.00	36.53 0.43 0.00	38.82 0.72 0.00	39.95 0.82 0.00	41.47 0.97 0.00	47.48 1.20 0.00	52.96 1.34 0.00	53.72 1.31 0.00	47.54 1.07 0.00	46.11 1.00 -1.72	39.40 0.70 0.00	35.61 0.35 0.00	31.88 0.44 0.00
BETHLEHEM___GS1 323560	33.98 0.53 0.00	31.51 0.53 0.00	28.46 0.48 0.00	26.57 0.47 0.00	25.89 0.53 0.00	26.55 0.49 0.00	25.52 0.60 0.00	25.00 0.44 0.00	26.87 0.53 0.00	29.15 0.46 0.00	31.35 0.37 0.00	33.81 0.40 0.00	36.53 0.43 0.00	38.82 0.72 0.00	39.95 0.82 0.00	41.47 0.97 0.00	47.48 1.20 0.00	52.96 1.34 0.00	53.72 1.31 0.00	47.54 1.07 0.00	46.11 1.00 -1.72	39.48 0.77 0.00	35.61 0.35 0.00	31.88 0.44 0.00
BETHLEHEM___GS2 323561	33.98 0.53 0.00	31.51 0.53 0.00	28.46 0.48 0.00	26.57 0.47 0.00	25.89 0.53 0.00	26.55 0.49 0.00	25.52 0.60 0.00	25.00 0.44 0.00	26.87 0.53 0.00	29.15 0.46 0.00	31.35 0.37 0.00	33.81 0.40 0.00	36.53 0.43 0.00	38.82 0.72 0.00	39.95 0.82 0.00	41.47 0.97 0.00	47.48 1.20 0.00	52.96 1.34 0.00	53.72 1.31 0.00	47.54 1.07 0.00	46.11 1.00 -1.72	39.48 0.77 0.00	35.61 0.35 0.00	31.88 0.44 0.00
BETHLEHEM___GS3 323562	33.98 0.53 0.00	31.51 0.53 0.00	28.46 0.48 0.00	26.57 0.47 0.00	25.89 0.53 0.00	26.55 0.49 0.00	25.52 0.60 0.00	25.00 0.44 0.00	26.87 0.53 0.00	29.15 0.46 0.00	31.35 0.37 0.00	33.81 0.40 0.00	36.53 0.43 0.00	38.82 0.72 0.00	39.95 0.82 0.00	41.47 0.97 0.00	47.48 1.20 0.00	52.96 1.34 0.00	53.72 1.31 0.00	47.54 1.07 0.00	46.11 1.00 -1.72	39.48 0.77 0.00	35.61 0.35 0.00	31.88 0.44 0.00
BETHLEHEM___STEEL 23779	33.61 0.17 0.00	31.04 0.06 0.00	27.98 0.00 0.00	26.15 0.05 0.00	25.18 -0.18 0.00	25.93 -0.13 0.00	24.43 -0.50 0.00	24.33 -0.22 0.00	26.18 -0.16 0.00	28.35 -0.34 0.00	31.19 0.22 0.00	34.14 0.74 0.00	37.10 1.01 0.00	40.11 2.02 0.00	40.89 1.76 0.00	42.00 1.50 0.00	48.08 1.80 0.00	53.89 2.27 0.00	54.82 2.41 0.00	48.56 2.09 0.00	45.08 1.69 0.00	40.87 2.17 0.00	36.88 1.62 0.00	32.32 0.88 0.00
BETHLHEM_115KV_TB1 79974	34.08 0.64 0.00	31.57 0.59 0.00	28.51 0.53 0.00	26.64 0.55 0.00	25.94 0.58 0.00	26.61 0.55 0.00	25.57 0.65 0.00	25.04 0.49 0.00	26.92 0.58 0.00	29.21 0.52 0.00	31.47 0.50 0.00	33.91 0.50 0.00	36.60 0.51 0.00	38.89 0.80 0.00	40.03 0.90 0.00	41.55 1.05 0.00	47.57 1.30 0.00	53.07 1.45 0.00	53.77 1.36 0.00	47.63 1.16 0.00	46.11 1.08 -1.63	39.48 0.77 0.00	35.68 0.42 0.00	31.95 0.50 0.00
BETHPAGE_CC_5 323564	38.34 2.98 -1.93	37.81 2.73 -4.10	36.86 2.43 -6.45	34.38 2.19 -6.09	32.84 2.13 -5.36	32.68 2.19 -4.43	27.25 2.22 -0.11	29.89 2.14 -3.20	35.24 2.40 -6.51	36.78 2.67 -5.42	33.93 2.82 -0.14	37.18 3.04 -0.73	39.22 3.07 -0.06	41.59 3.43 -0.06	42.85 3.72 0.00	44.47 3.97 0.00	51.01 4.63 -0.11	56.69 4.91 -0.16	57.07 4.66 0.00	50.51 4.04 0.00	47.16 3.47 -0.29	42.00 3.29 0.00	37.65 2.40 0.00	33.83 2.39 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	33.64 0.20 0.00	31.11 0.12 0.00	28.04 0.06 0.00	26.20 0.10 0.00	25.23 -0.13 0.00	25.96 -0.10 0.00	24.48 -0.45 0.00	24.38 -0.17 0.00	26.26 -0.08 0.00	28.43 -0.26 0.00	31.28 0.31 0.00	34.25 0.84 0.00	37.25 1.15 0.00	40.23 2.13 0.00	41.05 1.92 0.00	42.12 1.62 0.00	48.27 1.99 0.00	54.10 2.48 0.00	55.03 2.62 0.00	48.70 2.23 0.00	45.22 1.82 0.00	40.99 2.28 0.00	36.95 1.69 0.00	32.42 0.97 0.00

BINGHAMTON___COGEN 23790	34.19 0.50 -0.25	31.49 0.43 -0.07	28.35 0.36 0.00	26.44 0.34 0.00	25.64 0.28 0.00	26.35 0.29 0.00	25.10 0.17 0.00	24.87 0.32 0.00	26.68 0.34 0.00	29.06 0.37 0.00	31.50 0.53 0.00	34.26 0.70 -0.15	37.12 0.87 -0.16	39.62 1.30 -0.23	40.46 1.25 -0.07	41.75 1.26 0.00	47.80 1.53 0.00	53.53 1.91 0.00	54.56 1.99 -0.16	48.73 1.72 -0.54	45.52 1.52 -0.61	40.68 1.47 -0.50	36.91 1.06 -0.60	32.28 0.72 -0.11
BIXINCNT_115KV_LOAD 355685	33.61 0.17 0.00	31.11 0.12 0.00	28.01 0.03 0.00	26.17 0.08 0.00	25.18 -0.18 0.00	25.96 -0.10 0.00	24.50 -0.42 0.00	24.50 -0.05 0.00	26.42 0.08 0.00	28.58 -0.11 0.00	31.47 0.50 0.00	34.31 0.90 0.00	37.21 1.12 0.00	40.19 2.10 0.00	40.93 1.80 0.00	42.04 1.54 0.00	48.27 1.99 0.00	54.05 2.43 0.00	55.13 2.73 0.00	48.98 2.51 0.00	45.52 2.13 0.00	41.18 2.48 0.00	37.02 1.76 0.00	32.39 0.94 0.00
BLACK RIVER___HYD 24047	34.22 0.24 -0.54	31.36 0.22 -0.16	28.12 0.14 0.00	26.18 0.08 0.00	25.38 0.03 0.00	26.11 0.05 0.00	24.88 -0.05 0.00	24.55 0.00 0.00	26.18 -0.16 0.00	28.49 -0.20 0.00	30.73 -0.25 0.00	33.47 -0.27 -0.33	36.15 -0.29 -0.34	38.29 -0.31 -0.50	38.71 -0.59 -0.16	39.77 -0.73 0.00	45.40 -0.88 0.00	51.00 -0.62 0.00	52.59 -0.16 -0.34	47.98 0.33 -1.18	44.94 0.48 -1.07	40.35 0.54 -1.10	36.88 0.32 -1.31	31.79 0.09 -0.25
BLACKRVR_115KV_TB2 79977	34.22 0.23 -0.54	31.36 0.22 -0.16	28.12 0.14 0.00	26.17 0.08 0.00	25.38 0.03 0.00	26.11 0.05 0.00	24.88 -0.05 0.00	24.55 0.00 0.00	26.18 -0.16 0.00	28.49 -0.20 0.00	30.70 -0.28 0.00	33.47 -0.27 -0.33	36.15 -0.29 -0.34	38.29 -0.30 -0.50	38.71 -0.59 -0.16	39.77 -0.73 0.00	45.40 -0.88 0.00	50.95 -0.67 0.00	52.54 -0.21 -0.34	47.98 0.33 -1.18	44.94 0.48 -1.07	40.43 0.62 -1.10	36.88 0.32 -1.31	31.79 0.09 -0.25
BLISS_WT_PWR 323608	33.58 0.13 0.00	31.08 0.09 0.00	27.98 0.00 0.00	26.15 0.05 0.00	25.13 -0.23 0.00	25.93 -0.13 0.00	24.48 -0.45 0.00	24.48 -0.07 0.00	26.42 0.08 0.00	28.58 -0.11 0.00	31.87 0.90 0.00	34.28 0.87 0.00	37.14 1.05 0.00	40.11 2.02 0.00	40.85 1.72 0.00	41.96 1.46 0.00	48.17 1.90 0.00	54.05 2.43 0.00	55.13 2.72 0.00	48.93 2.46 0.00	45.52 2.13 0.00	41.26 2.55 0.00	36.98 1.73 0.00	32.32 0.88 0.00
BLUESTONE___WT_PWR 323821	36.00 2.34 -0.21	33.21 2.17 -0.06	29.89 1.90 0.00	27.85 1.75 0.00	27.00 1.65 0.00	27.78 1.72 0.00	26.45 1.52 0.00	26.25 1.69 0.00	28.10 1.76 0.00	30.61 1.92 0.00	33.14 2.17 0.00	36.01 2.47 -0.13	38.97 2.74 -0.14	41.49 3.20 -0.20	42.25 3.05 -0.06	43.62 3.12 0.00	49.93 3.66 0.00	56.01 4.39 0.00	57.31 4.77 -0.14	51.50 4.56 -0.47	48.18 4.12 -0.66	42.97 3.83 -0.44	38.77 2.99 -0.52	33.96 2.42 -0.10
BLUE_CIRC_CHEM_DRP 24182	34.38 0.94 0.00	31.88 0.90 0.00	28.79 0.81 0.00	26.88 0.78 0.00	26.19 0.84 0.00	26.89 0.83 0.00	25.75 0.82 0.00	25.19 0.64 0.00	27.02 0.68 0.00	29.32 0.63 0.00	31.56 0.59 0.00	34.01 0.60 0.00	36.74 0.65 0.00	39.01 0.91 0.00	40.15 1.02 0.00	41.67 1.17 0.00	47.71 1.43 0.00	53.32 1.70 0.00	54.19 1.78 0.00	48.01 1.53 0.00	46.15 1.48 -1.28	39.83 1.12 0.00	36.03 0.78 0.00	32.26 0.82 0.00
BOC_GAS_DRP 24189	34.21 0.77 0.00	31.70 0.71 0.00	28.65 0.67 0.00	26.75 0.65 0.00	26.04 0.68 0.00	26.74 0.68 0.00	25.62 0.70 0.00	25.12 0.56 0.00	26.97 0.63 0.00	29.35 0.66 0.00	31.62 0.65 0.00	34.04 0.63 0.00	36.78 0.69 0.00	39.05 0.95 0.00	40.19 1.06 0.00	41.71 1.21 0.00	47.71 1.43 0.00	53.17 1.55 0.00	53.93 1.52 0.00	47.77 1.30 0.00	45.79 1.21 -1.18	39.60 0.89 0.00	35.85 0.60 0.00	32.10 0.66 0.00
BOONVILLE_115KV_TB1 79983	34.33 0.74 -0.15	31.71 0.68 -0.04	28.57 0.59 0.00	26.62 0.52 0.00	25.84 0.48 0.00	26.58 0.52 0.00	25.37 0.45 0.00	25.04 0.49 0.00	26.84 0.50 0.00	29.24 0.55 0.00	31.53 0.56 0.00	34.17 0.67 -0.09	36.91 0.72 -0.10	39.07 0.84 -0.14	39.80 0.63 -0.05	41.07 0.57 0.00	46.88 0.60 0.00	52.40 0.77 0.00	53.45 0.94 -0.10	47.88 1.07 -0.33	44.74 1.04 -0.30	39.98 0.97 -0.31	36.29 0.67 -0.37	32.02 0.50 -0.07
BORALEX_4TH_BRANCH 23824	35.48 2.04 0.00	32.84 1.86 0.00	29.74 1.76 0.00	27.74 1.64 0.00	27.00 1.65 0.00	27.70 1.64 0.00	26.57 1.65 0.00	26.05 1.50 0.00	27.97 1.63 0.00	30.41 1.72 0.00	32.68 1.70 0.00	35.15 1.74 0.00	37.90 1.80 0.00	40.38 2.29 0.00	41.52 2.39 0.00	43.33 2.83 0.00	49.65 3.38 0.00	55.39 3.77 0.00	56.13 3.72 0.00	49.63 3.16 0.00	48.71 2.99 -2.33	40.87 2.17 0.00	36.95 1.69 0.00	33.14 1.70 0.00
BOWLINE___1 23526	35.41 1.97 0.00	32.81 1.86 0.00	29.66 1.68 0.00	27.56 1.46 0.00	26.80 1.44 0.00	27.52 1.46 0.00	26.42 1.50 0.00	26.00 1.45 0.00	28.00 1.66 0.00	30.53 1.84 0.00	32.80 1.83 0.00	35.28 1.87 0.00	38.11 2.02 0.00	40.61 2.51 0.00	41.95 2.82 0.00	43.38 2.88 0.00	49.56 3.29 0.00	55.13 3.51 0.00	55.76 3.36 0.00	49.40 2.93 0.00	46.28 2.60 -0.28	41.11 2.40 0.00	36.95 1.69 0.00	33.14 1.70 0.00
BOWLINE___2 23595	35.41 1.97 0.00	32.81 1.83 0.00	29.63 1.65 0.00	27.56 1.46 0.00	26.80 1.44 0.00	27.52 1.46 0.00	26.42 1.50 0.00	26.00 1.45 0.00	28.03 1.69 0.00	30.55 1.86 0.00	32.80 1.83 0.00	35.31 1.90 0.00	38.11 2.02 0.00	40.61 2.51 0.00	41.95 2.82 0.00	43.38 2.88 0.00	49.56 3.29 0.00	55.13 3.51 0.00	55.76 3.36 0.00	49.40 2.93 0.00	46.28 2.60 -0.28	41.11 2.40 0.00	36.95 1.69 0.00	33.17 1.73 0.00
BRADY___115KV_TB2 356060	33.04 -0.40 0.00	30.74 -0.25 0.00	27.73 -0.25 0.00	25.84 -0.26 0.00	25.13 -0.23 0.00	25.85 -0.21 0.00	24.78 -0.15 0.00	24.41 -0.15 0.00	26.05 -0.29 0.00	28.29 -0.40 0.00	30.51 -0.46 0.00	32.91 -0.50 0.00	35.48 -0.61 0.00	36.91 -1.18 0.00	37.84 -1.29 0.00	38.64 -1.86 0.00	44.10 -2.18 0.00	48.99 -2.63 0.00	49.94 -2.46 0.00	44.57 -1.91 0.00	41.92 -1.48 0.00	37.97 -0.74 0.00	34.87 -0.39 0.00	31.07 -0.38 0.00
BRANSCOMB___SOLAR 323811	36.05 2.61 0.00	33.43 2.45 0.00	30.08 2.10 0.00	28.05 1.96 0.00	27.39 2.03 0.00	28.12 2.06 0.00	26.92 1.99 0.00	26.35 1.79 0.00	28.34 2.00 0.00	30.87 2.18 0.00	33.11 2.14 0.00	35.78 2.37 0.00	38.51 2.42 0.00	40.99 2.89 0.00	42.10 2.97 0.00	43.74 3.24 0.00	50.16 3.89 0.00	56.16 4.54 0.00	57.39 4.98 0.00	50.84 4.37 0.00	50.63 4.21 -3.03	42.34 3.64 0.00	38.01 2.75 0.00	33.93 2.48 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	38.68 3.31 -1.93	38.09 3.01 -4.10	37.11 2.69 -6.45	34.62 2.43 -6.09	33.07 2.36 -5.36	32.92 2.42 -4.43	27.48 2.44 -0.11	30.11 2.36 -3.20	35.45 2.61 -6.51	36.98 2.87 -5.42	34.25 3.13 -0.14	37.41 3.27 -0.73	39.44 3.28 -0.06	41.47 3.31 -0.06	42.89 3.76 0.00	44.67 4.17 0.00	52.33 4.86 -1.19	58.57 5.16 -1.78	57.23 4.82 0.00	50.98 4.51 0.00	47.59 3.91 -0.29	42.11 3.37 -0.03	37.79 2.54 0.00	33.99 2.55 0.00

BRISTLHL_115KV_TB1 79998	34.29 -0.33 -1.18	30.96 -0.37 -0.35	27.62 -0.36 0.00	25.76 -0.34 0.00	25.00 -0.35 0.00	25.70 -0.36 0.00	24.50 -0.42 0.00	24.21 -0.34 0.00	25.92 -0.42 0.00	28.29 -0.40 0.00	30.57 -0.40 0.00	33.79 -0.33 -0.72	36.53 -0.32 -0.76	39.11 -0.08 -1.10	39.30 -0.20 -0.36	40.38 -0.12 0.00	46.09 -0.19 0.00	51.57 -0.05 0.00	53.27 0.10 -0.75	49.07 0.00 -2.60	45.74 0.00 -2.35	41.13 0.00 -2.42	38.03 -0.11 -2.88	31.77 -0.22 -0.55
BROOKHAVEN___DRP 24191	38.31 2.94 -1.93	37.75 2.66 -4.10	36.75 2.32 -6.45	34.35 2.17 -6.09	32.84 2.13 -5.36	32.71 2.22 -4.43	27.30 2.27 -0.11	29.94 2.19 -3.20	35.22 2.37 -6.51	36.64 2.52 -5.42	33.97 2.85 -0.14	37.14 3.01 -0.73	39.12 3.00 -0.03	41.43 3.31 -0.03	42.85 3.72 0.00	44.92 4.41 -0.01	57.13 5.23 -5.63	65.67 5.63 -8.43	57.71 5.29 -0.01	51.04 4.55 -0.01	47.60 3.91 -0.30	41.65 2.94 0.00	37.26 2.01 0.00	33.55 2.11 0.00
BROOKLYN_NAVY_YARD 23515	36.05 2.61 0.00	33.37 2.39 0.00	30.08 2.10 0.00	27.92 1.83 0.00	27.13 1.77 0.00	27.91 1.85 0.00	26.85 1.92 0.00	26.40 1.84 0.00	28.47 2.13 0.00	31.10 2.41 0.00	33.51 2.54 0.00	36.05 2.64 0.00	38.91 2.82 0.00	41.48 3.39 0.00	42.89 3.76 0.00	44.22 3.72 0.00	50.44 4.17 0.00	56.06 4.44 0.00	56.71 4.30 0.00	50.19 3.72 0.00	47.07 3.39 -0.29	41.92 3.21 0.00	37.76 2.50 0.00	33.87 2.42 0.00
BROOKLYN___ARMY_DRP 323595	36.37 2.91 -0.02	33.66 2.66 -0.01	30.34 2.35 -0.01	28.16 2.06 0.00	27.36 2.00 0.00	28.07 2.01 0.00	26.94 2.02 0.00	26.47 1.92 0.00	28.53 2.19 0.00	31.27 2.58 0.00	33.85 2.82 -0.06	36.37 2.91 -0.06	39.02 2.92 0.00	41.67 3.58 0.00	44.17 4.07 -0.97	44.43 3.93 0.00	116.45 4.40 -65.78	71.46 4.75 -15.09	110.40 4.56 -53.43	67.89 3.90 -17.51	47.38 3.64 -0.35	45.01 3.44 -2.86	38.17 2.86 -0.06	52.70 2.74 -18.52
BROOKVLE_69_KV_TB1 55790	38.71 3.34 -1.93	38.15 3.07 -4.10	37.14 2.71 -6.45	34.62 2.43 -6.09	33.07 2.36 -5.36	32.92 2.42 -4.43	27.45 2.42 -0.11	30.09 2.33 -3.20	35.48 2.63 -6.51	37.09 2.98 -5.42	34.43 3.31 -0.14	37.65 3.51 -0.73	39.97 3.68 -0.20	42.37 4.08 -0.20	43.63 4.50 0.00	45.28 4.78 0.00	51.69 5.41 0.00	57.35 5.73 0.00	57.80 5.40 0.00	51.12 4.65 0.00	47.72 4.04 -0.29	42.50 3.79 0.00	38.25 3.00 0.00	34.31 2.86 0.00
BROOME_2_LFGE 323671	34.19 0.50 -0.25	31.49 0.43 -0.07	28.34 0.36 0.00	26.43 0.34 0.00	25.64 0.28 0.00	26.35 0.29 0.00	25.10 0.18 0.00	24.87 0.32 0.00	26.68 0.34 0.00	29.06 0.37 0.00	31.59 0.62 0.00	34.26 0.70 -0.15	37.12 0.86 -0.16	39.65 1.33 -0.23	40.46 1.25 -0.07	41.76 1.26 0.00	47.76 1.48 0.00	53.53 1.91 0.00	54.61 2.04 -0.16	48.78 1.77 -0.54	45.52 1.52 -0.61	40.76 1.55 -0.50	36.91 1.06 -0.60	32.28 0.72 -0.11
BROOME___LFGE 323600	34.19 0.50 -0.25	31.49 0.43 -0.07	28.34 0.36 0.00	26.43 0.34 0.00	25.64 0.28 0.00	26.35 0.29 0.00	25.10 0.18 0.00	24.87 0.32 0.00	26.68 0.34 0.00	29.06 0.37 0.00	31.59 0.62 0.00	34.26 0.70 -0.15	37.12 0.86 -0.16	39.65 1.33 -0.23	40.46 1.25 -0.07	41.76 1.26 0.00	47.76 1.48 0.00	53.53 1.91 0.00	54.61 2.04 -0.16	48.78 1.77 -0.54	45.52 1.52 -0.61	40.76 1.55 -0.50	36.91 1.06 -0.60	32.28 0.72 -0.11
BROWNFLS_115KV_TB_3_5 80003	33.13 -0.54 -0.22	30.61 -0.43 -0.06	27.53 -0.45 0.00	25.65 -0.44 0.00	24.93 -0.43 0.00	25.64 -0.42 0.00	24.53 -0.40 0.00	24.21 -0.34 0.00	25.84 -0.50 0.00	28.12 -0.57 0.00	30.32 -0.65 0.00	32.84 -0.70 -0.13	35.44 -0.79 -0.14	37.19 -1.10 -0.20	37.83 -1.37 -0.07	38.72 -1.78 0.00	44.19 -2.08 0.00	49.25 -2.37 0.00	50.40 -2.15 -0.14	45.37 -1.58 -0.48	42.53 -1.30 -0.43	38.38 -0.77 -0.45	35.08 -0.71 -0.53	30.82 -0.72 -0.10
BROWNSV1_27_KV_LOAD 356125	36.42 2.98 0.00	33.71 2.73 0.00	30.36 2.38 0.00	28.21 2.11 0.00	27.39 2.03 0.00	28.17 2.11 0.00	27.07 2.14 0.00	26.62 2.06 0.00	28.71 2.37 0.00	31.39 2.70 0.00	33.92 2.94 0.00	36.42 3.01 0.00	39.34 3.25 0.00	41.94 3.85 0.00	43.32 4.19 0.00	44.67 4.17 0.00	51.00 4.72 0.00	56.73 5.11 0.00	57.33 4.93 0.00	50.75 4.28 0.00	47.55 3.86 -0.29	42.23 3.52 0.00	38.18 2.93 0.00	34.21 2.77 0.00
BURROWS___LYONSDAL 23803	34.23 0.60 -0.18	31.60 0.56 -0.05	28.46 0.48 0.00	26.51 0.42 0.00	25.74 0.38 0.00	26.45 0.39 0.00	25.25 0.32 0.00	24.95 0.39 0.00	26.68 0.34 0.00	29.06 0.37 0.00	31.35 0.37 0.00	33.99 0.47 -0.11	36.72 0.51 -0.12	38.84 0.57 -0.17	39.46 0.27 -0.06	40.66 0.16 0.00	46.42 0.14 0.00	51.88 0.26 0.00	52.94 0.42 -0.12	47.53 0.65 -0.41	44.41 0.65 -0.37	39.74 0.66 -0.38	36.09 0.39 -0.45	31.78 0.25 -0.09
CAITHNESS_CC_1 323624	38.28 2.91 -1.93	37.72 2.63 -4.10	36.72 2.29 -6.45	34.30 2.11 -6.09	32.79 2.08 -5.36	32.66 2.16 -4.43	27.25 2.22 -0.11	29.89 2.14 -3.20	35.17 2.32 -6.51	36.61 2.49 -5.42	33.84 2.73 -0.14	37.04 2.91 -0.73	39.01 2.89 -0.03	41.40 3.28 -0.03	42.77 3.64 0.00	44.72 4.21 -0.01	56.82 4.95 -5.59	65.32 5.32 -8.38	57.56 5.14 -0.01	50.90 4.42 -0.01	47.43 3.73 -0.30	41.69 2.98 0.00	37.19 1.94 0.00	33.52 2.07 0.00
CALPINE BETH_PAGE_GT4 24209	38.35 2.98 -1.93	37.81 2.73 -4.10	36.86 2.43 -6.45	34.38 2.19 -6.09	32.84 2.13 -5.36	32.68 2.19 -4.43	27.23 2.19 -0.11	29.89 2.14 -3.20	35.24 2.40 -6.51	36.78 2.67 -5.42	34.03 2.91 -0.14	37.18 3.04 -0.73	39.28 3.10 -0.08	41.56 3.39 -0.08	42.93 3.80 0.00	44.43 3.93 0.00	51.03 4.67 -0.08	56.65 4.90 -0.12	57.02 4.61 0.00	50.47 4.00 0.00	47.11 3.43 -0.29	41.92 3.21 0.00	37.72 2.47 0.00	33.87 2.42 0.00
CALPINE_BETH_PAGE_GT_4 323586	38.34 2.98 -1.93	37.81 2.73 -4.10	36.86 2.43 -6.45	34.38 2.19 -6.09	32.84 2.13 -5.36	32.68 2.19 -4.43	27.23 2.19 -0.11	29.89 2.14 -3.20	35.24 2.40 -6.51	36.78 2.67 -5.42	33.96 2.85 -0.14	37.18 3.04 -0.73	39.28 3.10 -0.08	41.64 3.47 -0.08	42.93 3.79 0.00	44.43 3.93 0.00	50.99 4.63 -0.08	56.60 4.85 -0.12	57.07 4.66 0.00	50.51 4.04 0.00	47.11 3.43 -0.29	42.04 3.33 0.00	37.72 2.47 0.00	33.87 2.42 0.00
CALPINE_BP_GT1 23823	38.34 2.98 -1.93	37.81 2.73 -4.10	36.86 2.43 -6.45	34.38 2.19 -6.09	32.84 2.13 -5.36	32.68 2.19 -4.43	27.23 2.19 -0.11	29.89 2.14 -3.20	35.24 2.40 -6.51	36.78 2.67 -5.42	33.96 2.85 -0.14	37.18 3.04 -0.73	39.28 3.10 -0.08	41.64 3.47 -0.08	42.93 3.79 0.00	44.43 3.93 0.00	50.99 4.63 -0.08	56.60 4.85 -0.12	57.07 4.66 0.00	50.51 4.04 0.00	47.11 3.43 -0.29	42.04 3.33 0.00	37.72 2.47 0.00	33.87 2.42 0.00
CALSPAN___DRP 24200	33.61 0.17 0.00	31.04 0.06 0.00	27.98 0.00 0.00	26.15 0.05 0.00	25.18 -0.18 0.00	25.93 -0.13 0.00	24.43 -0.50 0.00	24.33 -0.22 0.00	26.18 -0.16 0.00	28.35 -0.34 0.00	31.19 0.22 0.00	34.14 0.74 0.00	37.10 1.01 0.00	40.11 2.02 0.00	40.89 1.76 0.00	42.00 1.50 0.00	48.08 1.80 0.00	53.89 2.27 0.00	54.82 2.41 0.00	48.56 2.09 0.00	45.08 1.69 0.00	40.87 2.17 0.00	36.88 1.62 0.00	32.32 0.88 0.00

CALVERTON___SOLAR 323806	38.41 3.04 -1.93	37.84 2.76 -4.10	36.80 2.38 -6.45	34.43 2.24 -6.09	32.92 2.20 -5.36	32.76 2.27 -4.43	27.37 2.34 -0.11	30.01 2.26 -3.20	35.30 2.45 -6.51	36.72 2.61 -5.42	34.03 2.91 -0.14	37.28 3.14 -0.73	39.30 3.18 -0.03	41.70 3.58 -0.03	43.04 3.91 0.00	45.16 4.66 -0.01	57.42 5.50 -5.64	66.00 5.93 -8.45	58.18 5.76 -0.01	51.36 4.88 -0.01	47.86 4.17 -0.30	41.92 3.21 0.00	37.33 2.08 0.00	33.61 2.17 0.00
CANDIGU_WT_PWR 323617	34.01 0.43 -0.14	31.36 0.34 -0.04	28.20 0.22 0.00	26.33 0.23 0.00	25.43 0.08 0.00	26.17 0.10 0.00	24.80 -0.12 0.00	24.68 0.12 0.00	26.47 0.13 0.00	28.75 0.06 0.00	31.65 0.68 0.00	34.23 0.73 -0.08	37.16 0.97 -0.09	39.94 1.72 -0.13	40.66 1.49 -0.04	41.88 1.38 0.00	47.99 1.71 0.00	54.00 2.38 0.00	55.17 2.67 -0.09	49.05 2.28 -0.30	45.57 1.91 -0.27	41.19 2.21 -0.28	37.17 1.59 -0.33	32.45 0.94 -0.06
CARR STREET_E_SYR 24060	33.66 -0.13 -0.35	30.93 -0.15 -0.10	27.79 -0.19 0.00	25.92 -0.18 0.00	25.15 -0.20 0.00	25.85 -0.21 0.00	24.65 -0.27 0.00	24.38 -0.17 0.00	26.13 -0.21 0.00	28.49 -0.20 0.00	30.91 -0.06 0.00	33.59 -0.03 -0.21	36.36 0.04 -0.23	38.65 0.23 -0.33	39.36 0.12 -0.11	40.66 0.16 0.00	46.46 0.19 0.00	52.03 0.41 0.00	53.16 0.52 -0.22	47.62 0.37 -0.77	44.40 0.31 -0.70	39.74 0.31 -0.72	36.32 0.21 -0.86	31.64 0.03 -0.16
CARTHAGE___PAPER 23857	33.93 0.03 -0.45	31.15 0.03 -0.13	27.95 -0.03 0.00	26.02 -0.08 0.00	25.26 -0.10 0.00	25.98 -0.08 0.00	24.80 -0.12 0.00	24.46 -0.10 0.00	26.08 -0.26 0.00	28.38 -0.31 0.00	30.54 -0.43 -0.27	33.25 -0.44 -0.29	35.88 -0.51 -0.42	37.90 -0.61 -0.14	38.33 -0.94 -0.14	39.37 -1.13 0.00	44.98 -1.30 0.00	50.44 -1.19 0.00	51.86 -0.84 -0.29	47.19 -0.28 -1.00	44.21 -0.09 -0.90	39.60 -0.04 -0.93	36.25 -0.11 -1.10	31.40 -0.25 -0.21
CASSADAGA_WT_PWR 323784	34.48 1.04 0.00	31.88 0.90 0.00	28.74 0.76 0.00	26.83 0.73 0.00	25.84 0.48 0.00	26.61 0.55 0.00	25.12 0.20 0.00	25.14 0.59 0.00	27.13 0.79 0.00	29.35 0.66 0.00	32.77 1.80 0.00	35.35 1.94 0.00	38.48 2.38 0.00	41.56 3.47 0.00	42.30 3.17 0.00	43.33 2.83 0.00	49.56 3.29 0.00	55.90 4.28 0.00	56.50 4.09 0.00	49.86 3.39 0.00	46.17 2.78 0.00	42.07 3.37 0.00	37.83 2.57 0.00	33.05 1.60 0.00
CE_DUNWOOD___DRP 24194	35.78 2.34 0.00	33.12 2.14 0.00	29.88 1.90 0.00	27.79 1.70 0.00	27.00 1.65 0.00	27.75 1.69 0.00	26.67 1.74 0.00	26.22 1.67 0.00	28.24 1.90 0.00	30.84 2.15 0.00	33.27 2.29 0.00	35.75 2.34 0.00	38.58 2.49 0.00	41.10 3.01 0.00	42.50 3.37 0.00	43.94 3.44 0.00	50.21 3.93 0.00	55.85 4.23 0.00	56.44 4.04 0.00	49.96 3.49 0.00	46.81 3.12 -0.29	41.42 2.71 0.00	37.41 2.15 0.00	33.52 2.08 0.00
CE_MILLWOOD___DRP 24193	35.68 2.24 0.00	33.06 2.08 0.00	29.83 1.85 0.00	27.74 1.64 0.00	26.95 1.60 0.00	27.70 1.64 0.00	26.60 1.67 0.00	26.15 1.60 0.00	28.16 1.82 0.00	30.76 2.07 0.00	33.17 2.20 0.00	35.65 2.24 0.00	38.48 2.38 0.00	40.99 2.90 0.00	42.38 3.25 0.00	43.82 3.32 0.00	50.12 3.84 0.00	55.75 4.13 0.00	56.39 3.98 0.00	49.86 3.39 0.00	46.72 3.04 -0.29	41.34 2.63 0.00	37.30 2.04 0.00	33.43 1.98 0.00
CE_NYC2_DRP 24202	36.18 2.74 0.00	33.49 2.51 0.00	30.16 2.18 0.00	28.03 1.93 0.00	27.23 1.88 0.00	27.96 1.90 0.00	26.87 1.94 0.00	26.40 1.84 0.00	28.45 2.11 0.00	31.13 2.44 0.00	33.64 2.66 0.00	36.15 2.74 0.00	38.87 2.78 0.00	41.45 3.35 0.00	42.97 3.83 0.00	44.10 3.60 0.00	50.25 3.98 0.01	51.94 4.28 3.96	51.31 4.14 5.24	50.00 3.53 0.00	46.98 3.30 -0.29	41.88 3.17 0.00	37.86 2.61 0.00	34.00 2.55 -0.01
CE_NYC_DRP 24195	36.12 2.68 0.00	33.43 2.45 0.00	30.11 2.13 0.00	27.98 1.88 0.00	27.18 1.83 0.00	27.96 1.90 0.00	26.87 1.94 0.00	26.42 1.87 0.00	28.47 2.13 0.00	31.13 2.44 0.00	33.61 2.63 0.00	36.08 2.67 0.00	38.95 2.85 0.00	41.52 3.43 0.00	42.89 3.76 0.00	44.23 3.73 0.00	50.49 4.21 0.00	56.11 4.49 0.00	56.70 4.30 0.00	50.19 3.72 0.00	47.07 3.38 -0.29	41.80 3.10 0.00	37.79 2.54 0.00	33.87 2.42 0.00
CHAFFEE___LFGE 323603	33.68 0.24 0.00	31.11 0.12 0.00	28.01 0.03 0.00	26.18 0.08 0.00	25.21 -0.15 0.00	25.96 -0.10 0.00	24.48 -0.45 0.00	24.38 -0.17 0.00	26.26 -0.08 0.00	28.43 -0.26 0.00	31.75 0.77 0.00	34.25 0.84 0.00	37.25 1.15 0.00	40.30 2.21 0.00	41.09 1.96 0.00	42.16 1.66 0.00	48.31 2.03 0.00	54.25 2.63 0.00	55.18 2.78 0.00	48.80 2.32 0.00	45.30 1.91 0.00	41.11 2.40 0.00	37.02 1.76 0.00	32.45 1.01 0.00
CHATEAUG_35_KV_LOAD 355732	32.94 -0.50 0.00	30.64 -0.34 0.00	27.62 -0.36 0.00	25.71 -0.39 0.00	25.03 -0.33 0.00	25.83 -0.23 0.00	24.85 -0.07 0.00	24.60 0.05 0.00	26.31 -0.03 0.00	28.63 -0.06 0.00	30.94 -0.03 0.00	33.31 -0.10 0.00	35.88 -0.22 0.00	36.99 -1.10 0.00	37.92 -1.21 0.00	39.16 -1.34 0.00	44.66 -1.62 0.00	49.19 -2.43 0.00	50.05 -2.36 0.00	44.89 -1.58 0.00	42.09 -1.30 0.00	37.89 -0.81 0.00	34.76 -0.49 0.00	30.91 -0.53 0.00
CHATEAUG_WT_PWR 323614	32.94 -0.50 0.00	30.61 -0.37 0.00	27.59 -0.39 0.00	25.71 -0.39 0.00	25.00 -0.36 0.00	25.80 -0.26 0.00	24.83 -0.10 0.00	24.58 0.02 0.00	26.31 -0.03 0.00	28.63 -0.06 0.00	30.91 -0.06 0.00	33.31 -0.10 0.00	35.91 -0.18 0.00	37.07 -1.03 0.00	37.96 -1.17 0.00	39.16 -1.34 0.00	44.70 -1.57 0.00	49.30 -2.32 0.00	50.00 -2.41 0.00	44.84 -1.63 0.00	42.00 -1.39 0.00	37.62 -1.08 0.00	34.76 -0.49 0.00	30.88 -0.57 0.00
CHAT_HIGH_FALL_HYD 323578	32.94 -0.50 0.00	30.64 -0.34 0.00	27.62 -0.36 0.00	25.71 -0.39 0.00	25.03 -0.33 0.00	25.83 -0.23 0.00	24.85 -0.07 0.00	24.60 0.05 0.00	26.31 -0.03 0.00	28.63 -0.06 0.00	30.94 -0.03 0.00	33.31 -0.10 0.00	35.88 -0.22 0.00	36.99 -1.10 0.00	37.92 -1.21 0.00	39.16 -1.34 0.00	44.66 -1.62 0.00	49.19 -2.43 0.00	50.05 -2.36 0.00	44.89 -1.58 0.00	42.09 -1.30 0.00	37.89 -0.81 0.00	34.76 -0.49 0.00	30.91 -0.53 0.00
CHAUTAUQUA___LFGE 323629	34.08 0.63 0.00	31.51 0.53 0.00	28.40 0.42 0.00	26.51 0.42 0.00	25.54 0.18 0.00	26.29 0.23 0.00	24.83 -0.10 0.00	24.80 0.25 0.00	26.74 0.40 0.00	28.92 0.23 0.00	32.28 1.30 0.00	34.81 1.40 0.00	37.90 1.80 0.00	40.91 2.82 0.00	41.71 2.58 0.00	42.77 2.27 0.00	48.96 2.68 0.00	55.08 3.46 0.00	55.86 3.46 0.00	49.35 2.88 0.00	45.78 2.39 0.00	41.61 2.90 0.00	37.44 2.19 0.00	32.76 1.32 0.00
CHERRYST_13_KV_LD 356241	36.25 2.81 0.00	33.52 2.54 0.00	30.22 2.24 0.00	28.08 1.98 0.00	27.26 1.90 0.00	28.04 1.98 0.00	26.97 2.04 0.00	26.52 1.96 0.00	28.58 2.24 0.00	31.24 2.55 0.00	33.73 2.76 0.00	36.25 2.84 0.00	39.09 3.00 0.00	41.67 3.58 0.00	43.08 3.95 0.00	44.43 3.93 0.00	50.67 4.40 0.00	56.37 4.75 0.00	56.97 4.56 0.00	50.42 3.95 0.00	47.24 3.56 -0.29	41.96 3.25 0.00	37.93 2.68 0.00	33.99 2.55 0.00

CHESTROR_138KV_BK263 355645	35.21 1.77 0.00	32.62 1.64 0.00	29.46 1.48 0.00	27.40 1.30 0.00	26.65 1.29 0.00	27.36 1.30 0.00	26.25 1.32 0.00	25.81 1.25 0.00	27.79 1.45 0.00	30.30 1.61 0.00	32.68 1.70 0.00	35.11 1.70 0.00	37.93 1.84 0.00	40.34 2.25 0.00	41.68 2.54 0.00	43.09 2.59 0.00	49.28 3.01 0.00	54.92 3.30 0.00	55.60 3.20 0.00	49.26 2.79 0.00	46.17 2.52 -0.26	40.83 2.13 0.00	36.88 1.62 0.00	33.05 1.60 0.00
CH_MIDHUDSON___DRP 24192	35.62 2.17 0.00	33.00 2.01 0.00	29.80 1.82 0.00	27.71 1.62 0.00	26.95 1.60 0.00	27.65 1.59 0.00	26.52 1.60 0.00	26.05 1.50 0.00	28.05 1.71 0.00	30.61 1.92 0.00	33.02 2.04 0.00	35.48 2.07 0.00	38.33 2.24 0.00	40.80 2.70 0.00	42.14 3.01 0.00	43.62 3.12 0.00	49.93 3.66 0.00	55.65 4.03 0.00	56.34 3.93 0.00	49.86 3.39 0.00	46.79 3.08 -0.31	41.26 2.55 0.00	37.23 1.97 0.00	33.36 1.92 0.00
CH_MISC_IPPS 23765	35.78 2.34 0.00	33.18 2.20 0.00	29.94 1.96 0.00	27.85 1.75 0.00	27.08 1.73 0.00	27.78 1.72 0.00	26.64 1.72 0.00	26.15 1.60 0.00	28.18 1.84 0.00	30.76 2.07 0.00	33.14 2.17 0.00	35.68 2.27 0.00	38.55 2.46 0.00	41.03 2.93 0.00	42.38 3.25 0.00	43.86 3.36 0.00	50.26 3.98 0.00	55.96 4.34 0.00	56.75 4.35 0.00	50.28 3.81 0.00	47.12 3.43 -0.30	41.69 2.98 0.00	37.48 2.22 0.00	33.58 2.14 0.00
CH_RES_BVR_FALLS 23983	32.84 -0.60 0.00	30.43 -0.56 0.00	27.48 -0.50 0.00	25.63 -0.47 0.00	24.90 -0.46 0.00	25.59 -0.47 0.00	24.53 -0.40 0.00	24.21 -0.34 0.00	26.00 -0.34 0.00	28.32 -0.37 0.00	30.54 -0.43 0.00	32.91 -0.50 0.00	35.48 -0.61 0.00	37.14 -0.95 0.00	38.08 -1.05 0.00	39.29 -1.21 0.00	44.84 -1.43 0.00	50.53 -1.09 0.00	51.25 -1.15 0.00	45.45 -1.02 0.00	42.44 -0.95 0.00	37.82 -0.89 0.00	34.62 -0.63 0.00	30.91 -0.53 0.00
CH_RES_NIAGARA 23895	32.41 -1.04 0.00	29.93 -1.05 0.00	27.00 -0.98 0.00	25.26 -0.84 0.00	24.29 -1.06 0.00	25.02 -1.04 0.00	23.55 -1.37 0.00	23.38 -1.18 0.00	25.13 -1.21 0.00	27.23 -1.46 0.00	29.92 -1.05 0.00	32.74 -0.67 0.00	35.55 -0.54 0.00	38.36 0.27 0.00	39.09 -0.04 0.00	40.18 -0.32 0.00	46.05 -0.23 0.00	51.52 -0.10 0.00	52.41 0.00 0.00	46.43 -0.05 0.00	43.18 -0.22 0.00	39.25 0.54 0.00	35.43 0.18 0.00	31.16 -0.28 0.00
CH_RES_SYRACUSE 23985	34.20 0.10 -0.65	31.21 0.03 -0.19	27.95 -0.03 0.00	26.07 -0.03 0.00	25.28 -0.08 0.00	26.01 -0.05 0.00	24.80 -0.12 0.00	24.53 -0.02 0.00	26.29 -0.05 0.00	28.69 0.00 0.00	31.10 0.12 0.00	33.97 0.17 -0.39	36.77 0.25 -0.42	39.23 0.53 -0.60	39.76 0.43 -0.20	40.99 0.49 0.00	46.83 0.56 0.00	52.44 0.82 0.00	53.82 0.99 -0.42	48.65 0.74 -1.43	45.38 0.69 -1.29	40.70 0.66 -1.34	37.27 0.42 -1.59	31.97 0.22 -0.30
CLINTON_WT_PWR 323605	32.94 -0.50 0.00	30.61 -0.37 0.00	27.59 -0.39 0.00	25.71 -0.39 0.00	25.00 -0.36 0.00	25.80 -0.26 0.00	24.83 -0.10 0.00	24.58 0.02 0.00	26.31 -0.03 0.00	28.63 -0.06 0.00	30.91 -0.06 0.00	33.31 -0.10 0.00	35.91 -0.18 0.00	37.07 -1.03 0.00	37.96 -1.17 0.00	39.16 -1.34 0.00	44.70 -1.57 0.00	49.30 -2.32 0.00	50.00 -2.41 0.00	44.84 -1.63 0.00	42.00 -1.39 0.00	37.62 -1.08 0.00	34.76 -0.49 0.00	30.88 -0.57 0.00
CLINTON___LFGE 323618	33.61 0.17 0.00	31.32 0.34 0.00	28.20 0.22 0.00	26.25 0.16 0.00	25.56 0.20 0.00	26.37 0.31 0.00	25.42 0.50 0.00	25.22 0.66 0.00	26.92 0.58 0.00	29.29 0.60 0.00	31.63 0.65 0.00	34.11 0.70 0.00	36.74 0.65 0.00	37.64 -0.46 0.00	38.55 -0.59 0.00	39.89 -0.61 0.00	45.53 -0.74 0.00	49.76 -1.86 0.00	50.47 -1.94 0.00	45.59 -0.88 0.00	42.92 -0.48 0.00	38.67 -0.04 0.00	35.57 0.32 0.00	31.60 0.16 0.00
COBBLENY_34_KV_TB1 80064	33.68 0.23 0.00	31.11 0.12 0.00	28.01 0.03 0.00	26.17 0.08 0.00	25.23 -0.13 0.00	25.96 -0.10 0.00	24.48 -0.45 0.00	24.38 -0.17 0.00	26.26 -0.08 0.00	28.43 -0.26 0.00	31.28 0.31 0.00	34.25 0.84 0.00	37.25 1.15 0.00	40.30 2.21 0.00	41.09 1.96 0.00	42.16 1.66 0.00	48.31 2.04 0.00	54.20 2.58 0.00	55.08 2.67 0.00	48.80 2.32 0.00	45.30 1.91 0.00	41.07 2.36 0.00	37.02 1.76 0.00	32.45 1.01 0.00
COFFEEN___115KV_TB3 355620	34.53 0.54 -0.55	31.64 0.50 -0.16	28.35 0.36 0.00	26.38 0.29 0.00	25.58 0.23 0.00	26.32 0.26 0.00	25.05 0.12 0.00	24.73 0.17 0.00	26.34 0.00 0.00	28.66 -0.03 0.00	30.91 -0.06 0.00	33.68 -0.07 -0.34	36.38 -0.07 -0.35	38.53 -0.08 -0.51	38.95 -0.35 -0.17	40.01 -0.49 0.00	45.72 -0.56 0.00	51.36 -0.26 0.00	53.02 0.26 -0.35	48.53 0.84 -1.22	45.45 0.95 -1.10	40.92 1.08 -1.13	37.27 0.67 -1.35	32.08 0.38 -0.26
COLDSPRG_115KV_BK1 355956	34.71 1.27 0.00	32.07 1.08 0.00	28.90 0.92 0.00	26.98 0.89 0.00	25.99 0.63 0.00	26.79 0.73 0.00	25.27 0.35 0.00	25.34 0.79 0.00	27.34 1.00 0.00	29.58 0.89 0.00	32.59 1.61 0.00	35.65 2.24 0.00	38.84 2.74 0.00	41.98 3.89 0.00	42.77 3.64 0.00	43.78 3.28 0.00	49.84 3.56 0.00	56.06 4.44 0.00	56.65 4.24 0.00	50.14 3.67 0.00	46.43 3.04 0.00	42.11 3.41 0.00	37.90 2.64 0.00	33.11 1.67 0.00
COLONIE_LFGE___ 323577	35.15 1.70 0.00	32.56 1.58 0.00	29.41 1.43 0.00	27.43 1.33 0.00	26.73 1.37 0.00	27.44 1.38 0.00	26.30 1.37 0.00	25.76 1.20 0.00	27.68 1.34 0.00	30.12 1.43 0.00	32.34 1.36 0.00	34.91 1.50 0.00	37.64 1.55 0.00	40.07 1.98 0.00	41.20 2.07 0.00	42.85 2.35 0.00	49.10 2.82 0.00	54.77 3.15 0.00	55.66 3.25 0.00	49.26 2.79 0.00	48.74 2.65 -2.70	40.87 2.17 0.00	36.80 1.55 0.00	32.95 1.51 0.00
COOPERNY_115KV_TB1 80082	34.75 1.30 0.00	32.22 1.24 0.00	29.10 1.12 0.00	27.09 0.99 0.00	26.32 0.96 0.00	27.03 0.96 0.00	25.90 0.97 0.00	25.49 0.93 0.00	27.42 1.08 0.00	29.90 1.20 0.00	32.24 1.27 0.00	34.71 1.30 0.00	37.50 1.41 0.00	39.85 1.75 0.00	41.09 1.96 0.00	42.48 1.98 0.00	48.54 2.27 0.00	54.10 2.48 0.00	54.82 2.41 0.00	48.61 2.14 0.00	45.50 1.91 -0.20	40.33 1.63 0.00	36.49 1.23 0.00	32.64 1.19 0.00
COPENHAGEN_WT_PWR 323753	34.19 0.17 -0.58	31.31 0.16 -0.17	28.07 0.08 0.00	26.12 0.03 0.00	25.33 -0.03 0.00	26.06 0.00 0.00	24.85 -0.07 0.00	24.50 -0.05 0.00	26.13 -0.21 0.00	28.46 -0.23 0.00	30.70 -0.28 0.00	33.46 -0.30 -0.35	36.14 -0.33 -0.37	38.33 -0.31 -0.54	38.72 -0.59 -0.18	39.81 -0.69 0.00	45.45 -0.83 0.00	51.00 -0.62 0.00	52.57 -0.21 -0.37	48.03 0.28 -1.28	44.98 0.43 -1.15	40.36 0.47 -1.19	36.92 0.25 -1.41	31.74 0.03 -0.27
CORNELL_____ 23752	34.73 0.94 -0.35	31.89 0.81 -0.10	28.65 0.67 0.00	26.72 0.63 0.00	25.91 0.56 0.00	26.66 0.60 0.00	25.40 0.47 0.00	25.12 0.56 0.00	26.87 0.53 0.00	29.26 0.57 0.00	31.62 0.65 0.00	34.46 0.84 -0.21	37.29 0.97 -0.22	39.79 1.37 -0.32	40.53 1.29 -0.11	41.88 1.38 0.00	47.94 1.67 0.00	53.84 2.22 0.00	55.25 2.62 -0.22	49.56 2.32 -0.76	46.34 2.17 -0.78	41.31 1.90 -0.71	37.58 1.48 -0.85	32.71 1.10 -0.16

CORONA__69_KV_TB1 355595	38.58	38.03	37.03	34.51	32.97	32.81	27.35	29.99	35.38	36.95	34.25	37.38	39.58	41.89	43.16	44.83	51.37	57.04	57.54	50.89	47.55	42.23	38.11	34.18
	3.21	2.94	2.60	2.32	2.26	2.32	2.32	2.23	2.53	2.84	3.13	3.24	3.39	3.70	4.03	4.33	5.09	5.42	5.14	4.41	3.86	3.52	2.86	2.74
	-1.93	-4.10	-6.45	-6.09	-5.36	-4.43	-0.11	-3.20	-6.51	-5.42	-0.14	-0.73	-0.10	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	-0.29	0.00	0.00	0.00
CORTLAND__115KV_TB3 80093	34.41	31.59	28.40	26.49	25.69	26.43	25.17	24.90	26.66	29.03	31.41	34.23	37.05	39.50	40.22	41.55	47.53	53.27	54.53	48.95	45.64	40.81	37.17	32.34
	0.60	0.50	0.42	0.39	0.33	0.36	0.25	0.34	0.32	0.34	0.43	0.60	0.72	1.07	0.98	1.05	1.25	1.65	1.89	1.67	1.52	1.35	1.02	0.72
	-0.37	-0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.22	-0.23	-0.34	-0.11	0.00	0.00	0.00	-0.23	-0.80	-0.72	-0.75	-0.89	-0.17
COXSACKIE__GT 23611	35.55	33.03	29.75	27.72	27.06	27.68	26.50	25.76	27.68	29.95	32.15	34.65	37.47	39.73	40.97	42.60	49.15	55.34	56.81	50.51	48.27	41.92	37.54	33.52
	2.11	2.04	1.76	1.62	1.70	1.62	1.57	1.20	1.34	1.26	1.18	1.24	1.37	1.64	1.84	2.10	2.87	3.72	4.40	4.04	3.69	3.21	2.29	2.07
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.19	0.00	0.00	0.00
CPV__VALLEY__CC1 323721	34.91	32.38	29.24	27.22	26.45	27.18	26.05	25.63	27.60	30.10	32.40	34.85	37.64	40.04	41.32	42.77	48.87	54.41	55.13	48.84	45.71	40.60	36.56	32.80
	1.47	1.40	1.26	1.12	1.09	1.12	1.12	1.08	1.26	1.41	1.43	1.44	1.55	1.94	2.19	2.27	2.59	2.79	2.72	2.37	2.08	1.90	1.31	1.35
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.24	0.00	0.00	0.00
CPV__VALLEY__CC2 323722	34.91	32.38	29.24	27.22	26.45	27.18	26.05	25.63	27.60	30.10	32.40	34.85	37.64	40.04	41.32	42.77	48.87	54.41	55.13	48.84	45.71	40.60	36.56	32.80
	1.47	1.40	1.26	1.12	1.09	1.12	1.12	1.08	1.26	1.41	1.43	1.44	1.55	1.94	2.19	2.27	2.59	2.79	2.72	2.37	2.08	1.90	1.31	1.35
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.24	0.00	0.00	0.00
CRESCENT__HYD 24018	35.15	32.56	29.41	27.43	26.73	27.44	26.30	25.76	27.68	30.12	32.34	34.91	37.64	40.07	41.20	42.85	49.10	54.77	55.66	49.26	48.74	40.87	36.80	32.95
	1.70	1.58	1.43	1.33	1.37	1.38	1.37	1.20	1.34	1.43	1.36	1.50	1.55	1.98	2.07	2.35	2.82	3.15	3.25	2.79	2.65	2.17	1.55	1.51
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.70	0.00	0.00	0.00
CRICKET__VALLEY_CC1 323756	35.31	32.72	29.58	27.56	26.80	27.52	26.40	25.93	27.87	30.38	32.61	35.15	37.93	40.38	41.67	43.25	49.51	55.08	55.71	49.31	46.36	40.91	36.80	33.05
	1.87	1.73	1.59	1.46	1.44	1.46	1.47	1.37	1.53	1.69	1.64	1.74	1.84	2.29	2.54	2.76	3.24	3.46	3.30	2.84	2.60	2.21	1.55	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	0.00	0.00	-0.36	0.00	0.00	0.00
CRICKET__VALLEY_CC2 323757	35.31	32.72	29.58	27.56	26.80	27.52	26.40	25.93	27.87	30.38	32.61	35.15	37.93	40.38	41.67	43.25	49.51	55.08	55.71	49.31	46.36	40.91	36.80	33.05
	1.87	1.73	1.59	1.46	1.44	1.46	1.47	1.37	1.53	1.69	1.64	1.74	1.84	2.29	2.54	2.76	3.24	3.46	3.30	2.84	2.60	2.21	1.55	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	0.00	0.00	-0.36	0.00	0.00	0.00
CRICKET__VALLEY_CC3 323758	35.31	32.72	29.58	27.56	26.80	27.52	26.40	25.93	27.87	30.38	32.61	35.15	37.93	40.38	41.67	43.25	49.51	55.08	55.71	49.31	46.36	40.91	36.80	33.05
	1.87	1.73	1.59	1.46	1.44	1.46	1.47	1.37	1.53	1.69	1.64	1.74	1.84	2.29	2.54	2.76	3.24	3.46	3.30	2.84	2.60	2.21	1.55	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	0.00	0.00	-0.36	0.00	0.00	0.00
CRUCIBLE__METL_DRP 24180	34.20	31.21	27.95	26.07	25.28	26.01	24.80	24.53	26.29	28.69	31.04	33.97	36.76	39.23	39.76	40.99	46.83	52.45	53.82	48.65	45.38	40.62	37.26	31.97
	0.10	0.03	-0.03	-0.03	-0.08	-0.05	-0.12	-0.02	-0.05	0.00	0.06	0.17	0.25	0.53	0.43	0.49	0.56	0.83	1.00	0.74	0.69	0.58	0.42	0.22
	-0.65	-0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.39	-0.42	-0.60	-0.20	0.00	0.00	0.00	-0.42	-1.43	-1.29	-1.34	-1.59	-0.30
DAHOWA__HYDRO 323763	36.28	33.65	30.28	28.24	27.56	28.30	27.09	26.52	28.55	31.13	33.33	36.05	38.76	41.25	42.38	44.02	50.49	56.58	57.86	51.26	51.16	42.73	38.32	34.21
	2.84	2.66	2.29	2.14	2.20	2.24	2.17	1.97	2.21	2.44	2.35	2.64	2.67	3.16	3.25	3.52	4.21	4.96	5.45	4.79	4.69	4.03	3.07	2.77
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.08	0.00	0.00	0.00
DANC__LFGE 323619	34.10	31.11	27.84	25.94	25.18	25.88	24.68	24.33	26.00	28.32	30.60	33.45	36.16	38.46	38.84	39.93	45.53	51.05	52.66	48.12	45.01	40.47	37.13	31.69
	-0.07	-0.09	-0.14	-0.16	-0.18	-0.18	-0.25	-0.22	-0.34	-0.37	-0.37	-0.40	-0.40	-0.31	-0.51	-0.57	-0.74	-0.57	-0.21	0.05	0.17	0.27	0.11	-0.09
	-0.73	-0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.44	-0.47	-0.67	-0.22	0.00	0.00	0.00	-0.46	-1.60	-1.44	-1.49	-1.77	-0.34
DANSKAMMER__1 23586	35.78	33.18	29.94	27.85	27.08	27.78	26.64	26.15	28.18	30.76	33.14	35.68	38.55	41.03	42.38	43.86	50.26	55.96	56.75	50.28	47.12	41.69	37.48	33.58
	2.34	2.20	1.96	1.75	1.73	1.72	1.72	1.60	1.84	2.07	2.17	2.27	2.46	2.93	3.25	3.36	3.98	4.34	4.35	3.81	3.43	2.98	2.22	2.14
	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	-0.30	0.00	0.00	0.00
DANSKAMMER__2 23589	35.78	33.18	29.94	27.85	27.08	27.78	26.64	26.15	28.18	30.76	33.14	35.68	38.55	41.03	42.38	43.86	50.26	55.96	56.75	50.28	47.12	41.69	37.48	33.58
	2.34	2.20	1.96	1.75	1.73	1.72	1.72	1.60	1.84	2.07	2.17	2.27	2.46	2.93	3.25	3.36	3.98	4.34	4.35	3.81	3.43	2.98	2.22	2.14
	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	-0.30	0.00	0.00	0.00
DANSKAMMER__3 23590	35.78	33.18	29.94	27.85	27.08	27.78	26.64	26.15	28.18	30.76	33.14	35.68	38.55	41.03	42.38	43.86	50.26	55.96	56.75	50.28	47.12	41.69	37.48	33.58
	2.34	2.20	1.96	1.75	1.73	1.72	1.72	1.60	1.84	2.07	2.17	2.27	2.46	2.93	3.25	3.36	3.98	4.34	4.35	3.81	3.43	2.98	2.22	2.14
	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	-0.30	0.00	0.00	0.00

DANSKAMMER___4 23591	35.78 2.34 0.00	33.18 2.20 0.00	29.94 1.96 0.00	27.85 1.75 0.00	27.08 1.73 0.00	27.78 1.72 0.00	26.64 1.72 0.00	26.15 1.60 0.00	28.18 1.84 0.00	30.76 2.07 0.00	33.14 2.17 0.00	35.68 2.27 0.00	38.55 2.46 0.00	41.03 2.93 0.00	42.38 3.25 0.00	43.86 3.36 0.00	50.26 3.98 0.00	55.96 4.34 0.00	56.75 4.35 0.00	50.28 3.81 0.00	47.12 3.43 -0.30	41.69 2.98 0.00	37.48 2.22 0.00	33.58 2.14 0.00
DANSKAMMER___DIESEL 23592	35.78 2.34 0.00	33.18 2.20 0.00	29.94 1.96 0.00	27.84 1.75 0.00	27.08 1.72 0.00	27.78 1.72 0.00	26.65 1.72 0.00	26.15 1.60 0.00	28.18 1.84 0.00	30.76 2.07 0.00	33.20 2.23 0.00	35.68 2.27 0.00	38.55 2.45 0.00	41.03 2.93 0.00	42.38 3.25 0.00	43.86 3.36 0.00	50.26 3.98 0.00	56.01 4.39 0.00	56.81 4.40 0.00	50.28 3.81 0.00	47.13 3.43 -0.30	41.57 2.86 0.00	37.48 2.22 0.00	33.58 2.14 0.00
DARBY___SOLAR 323810	36.08 2.64 0.00	33.46 2.48 0.00	30.14 2.15 0.00	28.08 1.98 0.00	27.41 2.05 0.00	28.15 2.09 0.00	26.94 2.02 0.00	26.40 1.84 0.00	28.40 2.06 0.00	30.96 2.27 0.00	33.17 2.20 0.00	35.88 2.47 0.00	38.62 2.53 0.00	41.10 3.01 0.00	42.22 3.09 0.00	43.82 3.32 0.00	50.26 3.98 0.00	56.27 4.65 0.00	57.49 5.08 0.00	50.89 4.42 0.00	50.72 4.30 -3.03	42.42 3.72 0.00	38.08 2.82 0.00	33.99 2.55 0.00
DASHVILLE___HYD 23610	35.45 2.01 0.00	32.87 1.89 0.00	29.69 1.71 0.00	27.61 1.51 0.00	26.83 1.47 0.00	27.52 1.46 0.00	26.37 1.45 0.00	25.88 1.33 0.00	27.87 1.53 0.00	30.44 1.75 0.00	32.83 1.86 0.00	35.28 1.87 0.00	38.12 2.02 0.00	40.53 2.44 0.00	41.91 2.78 0.00	43.33 2.83 0.00	49.61 3.33 0.00	55.23 3.61 0.00	55.97 3.56 0.00	49.59 3.11 0.00	46.17 2.26 -0.52	41.07 2.36 0.00	37.09 1.83 0.00	33.24 1.79 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	38.91 3.54 -1.93	38.28 3.19 -4.10	37.20 2.77 -6.45	34.75 2.56 -6.09	33.22 2.51 -5.36	33.15 2.66 -4.43	27.82 2.79 -0.11	30.50 2.75 -3.20	35.88 3.03 -6.51	37.41 3.30 -5.42	35.08 3.96 -0.14	38.41 4.28 -0.73	40.52 4.40 -0.03	42.88 4.76 -0.03	44.30 5.17 0.00	46.50 5.99 -0.01	59.20 7.27 -5.66	67.94 7.85 -8.48	59.91 7.49 -0.01	52.52 6.04 -0.01	48.81 5.12 -0.30	42.58 3.87 0.00	37.93 2.68 0.00	34.05 2.61 0.00
DELAWARE___LFGE 323621	34.82 1.27 -0.11	32.19 1.18 -0.03	29.07 1.09 0.00	27.14 1.04 0.00	26.35 0.99 0.00	27.08 1.02 0.00	25.85 0.92 0.00	25.49 0.93 0.00	27.37 1.03 0.00	29.81 1.12 0.00	32.18 1.21 0.00	34.81 1.34 -0.07	37.61 1.44 -0.07	39.99 1.79 -0.10	41.00 1.84 -0.03	42.40 1.90 0.00	48.50 2.22 0.00	54.10 2.48 0.00	55.05 2.57 -0.07	49.09 2.37 -0.24	46.17 2.13 -0.65	40.83 1.90 -0.23	36.97 1.45 -0.27	32.75 1.26 -0.05
DERFIELD_115KV_TB7 355931	33.68 0.23 0.00	31.20 0.22 0.00	28.21 0.22 0.00	26.31 0.21 0.00	25.56 0.20 0.00	26.27 0.21 0.00	25.10 0.17 0.00	24.73 0.17 0.00	26.52 0.18 0.00	28.89 0.20 0.00	31.19 0.22 0.00	33.64 0.23 0.00	36.35 0.25 0.00	38.47 0.38 0.00	39.52 0.39 0.00	40.94 0.45 0.00	46.79 0.51 0.00	52.19 0.57 0.00	52.98 0.58 0.00	46.98 0.51 0.00	43.83 0.43 0.00	39.05 0.35 0.00	35.47 0.21 0.00	31.63 0.19 0.00
DOGLEVILLE___HYD 23807	33.91 0.47 0.00	31.38 0.40 0.00	28.34 0.36 0.00	26.43 0.34 0.00	25.69 0.33 0.00	26.37 0.31 0.00	25.20 0.27 0.00	24.82 0.27 0.00	26.63 0.29 0.00	29.04 0.35 0.00	31.35 0.37 0.00	33.84 0.43 0.00	36.53 0.43 0.00	38.67 0.57 0.00	39.64 0.51 0.00	40.95 0.45 0.00	46.74 0.46 0.00	52.14 0.52 0.00	52.98 0.58 0.00	47.07 0.60 0.00	43.96 0.56 0.00	39.29 0.58 0.00	35.61 0.35 0.00	31.76 0.31 0.00
DUNKIRK___115KV_TB_200 55889	34.01 0.57 0.00	31.45 0.46 0.00	28.32 0.34 0.00	26.46 0.37 0.00	25.48 0.13 0.00	26.24 0.18 0.00	24.78 -0.15 0.00	24.75 0.20 0.00	26.66 0.32 0.00	28.86 0.17 0.00	31.75 0.77 0.00	34.75 1.34 0.00	37.79 1.70 0.00	40.80 2.70 0.00	41.60 2.47 0.00	42.69 2.19 0.00	48.87 2.59 0.00	54.87 3.25 0.00	55.66 3.25 0.00	49.26 2.79 0.00	45.69 2.30 0.00	41.45 2.75 0.00	37.33 2.08 0.00	32.70 1.26 0.00
DUNKIRK___1 23563	34.01 0.57 0.00	31.45 0.46 0.00	28.32 0.34 0.00	26.46 0.37 0.00	25.48 0.13 0.00	26.24 0.18 0.00	24.78 -0.15 0.00	24.75 0.20 0.00	26.66 0.32 0.00	28.86 0.17 0.00	31.75 0.77 0.00	34.75 1.34 0.00	37.79 1.70 0.00	40.80 2.70 0.00	41.60 2.47 0.00	42.69 2.19 0.00	48.87 2.59 0.00	54.87 3.25 0.00	55.66 3.25 0.00	49.26 2.79 0.00	45.69 2.30 0.00	41.45 2.75 0.00	37.33 2.08 0.00	32.70 1.26 0.00
DUNKIRK___2 23564	34.01 0.57 0.00	31.45 0.46 0.00	28.32 0.34 0.00	26.46 0.37 0.00	25.48 0.13 0.00	26.24 0.18 0.00	24.78 -0.15 0.00	24.75 0.20 0.00	26.66 0.32 0.00	28.86 0.17 0.00	31.75 0.77 0.00	34.75 1.34 0.00	37.79 1.70 0.00	40.80 2.70 0.00	41.60 2.47 0.00	42.69 2.19 0.00	48.87 2.59 0.00	54.87 3.25 0.00	55.66 3.25 0.00	49.26 2.79 0.00	45.69 2.30 0.00	41.45 2.75 0.00	37.33 2.08 0.00	32.70 1.26 0.00
DUNKIRK___3 23565	33.78 0.33 0.00	31.23 0.25 0.00	28.15 0.17 0.00	26.28 0.18 0.00	25.33 -0.03 0.00	26.06 0.00 0.00	24.60 -0.32 0.00	24.55 0.00 0.00	26.44 0.11 0.00	28.63 -0.06 0.00	31.50 0.53 0.00	34.45 1.04 0.00	37.47 1.37 0.00	40.46 2.36 0.00	41.24 2.11 0.00	42.36 1.86 0.00	48.50 2.22 0.00	54.41 2.79 0.00	55.24 2.83 0.00	48.94 2.46 0.00	45.39 2.00 0.00	41.14 2.44 0.00	37.09 1.83 0.00	32.48 1.04 0.00
DUNKIRK___4 23566	33.78 0.33 0.00	31.23 0.25 0.00	28.15 0.17 0.00	26.28 0.18 0.00	25.33 -0.03 0.00	26.06 0.00 0.00	24.60 -0.32 0.00	24.55 0.00 0.00	26.44 0.11 0.00	28.63 -0.06 0.00	31.50 0.53 0.00	34.45 1.04 0.00	37.47 1.37 0.00	40.46 2.36 0.00	41.24 2.11 0.00	42.36 1.86 0.00	48.50 2.22 0.00	54.41 2.79 0.00	55.24 2.83 0.00	48.94 2.46 0.00	45.39 2.00 0.00	41.14 2.44 0.00	37.09 1.83 0.00	32.48 1.04 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	35.88 2.44 0.00	33.21 2.23 0.00	29.97 1.99 0.00	27.87 1.77 0.00	27.08 1.72 0.00	27.83 1.77 0.00	26.75 1.82 0.00	26.30 1.74 0.00	28.34 2.00 0.00	30.93 2.24 0.00	33.39 2.42 0.00	35.88 2.47 0.00	38.73 2.63 0.00	41.26 3.16 0.00	42.65 3.52 0.00	44.06 3.56 0.00	50.35 4.07 0.00	56.01 4.39 0.00	56.60 4.19 0.00	50.10 3.62 0.00	46.94 3.25 -0.29	41.57 2.86 0.00	37.51 2.26 0.00	33.65 2.20 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	35.48 2.04 0.00	32.87 1.89 0.00	29.69 1.71 0.00	27.61 1.51 0.00	26.83 1.47 0.00	27.55 1.49 0.00	26.42 1.50 0.00	25.95 1.40 0.00	27.95 1.61 0.00	30.50 1.81 0.00	32.89 1.92 0.00	35.35 1.94 0.00	38.19 2.09 0.00	40.65 2.55 0.00	41.99 2.86 0.00	43.42 2.92 0.00	49.70 3.42 0.00	55.39 3.77 0.00	56.13 3.72 0.00	49.73 3.25 0.00	46.59 2.91 -0.29	41.18 2.48 0.00	37.16 1.90 0.00	33.27 1.82 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	36.29 2.84 -0.01	33.59 2.60 -0.01	30.26 2.27 -0.01	28.11 2.01 -0.01	27.32 1.95 -0.01	28.04 1.98 0.00	26.89 1.97 0.00	26.40 1.84 0.00	28.39 2.05 0.00	31.07 2.38 0.00	33.61 2.63 0.00	36.12 2.71 0.00	38.73 2.63 0.00	41.33 3.24 0.00	42.89 3.76 0.00	44.02 3.52 0.00	50.16 3.89 0.01	56.00 4.39 0.01	56.59 4.19 0.01	49.86 3.39 0.00	46.90 3.21 -0.29	41.88 3.17 0.00	37.93 2.68 0.00	34.03 2.58 -0.01
E179THST_13_KV_LOAD 356214	36.49 3.04 -0.01	33.78 2.79 -0.01	30.42 2.43 -0.01	28.27 2.17 -0.01	27.47 2.10 -0.01	28.17 2.11 0.00	27.02 2.09 0.00	26.54 1.99 0.00	28.55 2.21 0.00	31.27 2.58 0.00	33.82 2.85 0.00	36.35 2.94 0.00	38.98 2.89 0.00	41.64 3.54 0.00	43.16 4.03 0.00	44.31 3.81 0.00	50.53 4.26 0.01	56.36 4.75 0.01	56.96 4.56 0.01	50.24 3.76 0.00	47.20 3.51 -0.29	42.19 3.48 0.00	38.22 2.96 0.00	34.25 2.80 -0.01
EAST HAMPTON___GT 23717	38.81 3.45 -1.93	38.25 3.16 -4.10	37.14 2.71 -6.45	34.67 2.48 -6.09	33.17 2.46 -5.36	33.15 2.66 -4.43	27.97 2.94 -0.11	30.67 2.92 -3.20	36.09 3.24 -6.51	37.67 3.56 -5.42	35.45 4.34 -0.14	38.88 4.74 -0.73	40.96 4.84 -0.03	43.38 5.26 -0.03	44.73 5.60 0.00	46.91 6.40 -0.01	59.76 7.82 -5.66	68.52 8.42 -8.48	60.69 8.28 -0.01	52.71 6.23 -0.01	48.85 5.16 -0.30	42.77 4.06 0.00	37.90 2.65 0.00	34.02 2.58 0.00
EAST RIVER___6 23660	36.15 2.71 0.00	33.43 2.45 0.00	30.14 2.15 0.00	28.00 1.90 0.00	27.16 1.80 0.00	27.94 1.88 0.00	26.87 1.95 0.00	26.42 1.87 0.00	28.50 2.16 0.00	31.13 2.44 0.00	33.54 2.57 0.00	36.05 2.64 0.00	38.87 2.78 0.00	41.45 3.35 0.00	42.89 3.76 0.00	44.18 3.68 0.00	50.39 4.12 0.00	55.96 4.34 0.00	56.65 4.24 0.00	50.14 3.67 0.00	47.03 3.34 -0.29	41.92 3.21 0.00	37.79 2.54 0.00	33.87 2.42 0.00
EAST RIVER___7 23524	36.15 2.71 0.00	33.43 2.45 0.00	30.14 2.15 0.00	28.00 1.90 0.00	27.16 1.80 0.00	27.94 1.88 0.00	26.87 1.95 0.00	26.42 1.87 0.00	28.50 2.16 0.00	31.13 2.44 0.00	33.54 2.57 0.00	36.05 2.64 0.00	38.87 2.78 0.00	41.45 3.35 0.00	42.89 3.76 0.00	44.18 3.68 0.00	50.39 4.12 0.00	55.96 4.34 0.00	56.65 4.24 0.00	50.14 3.67 0.00	47.03 3.34 -0.29	41.92 3.21 0.00	37.79 2.54 0.00	33.87 2.42 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	35.78 2.34 0.00	33.12 2.14 0.00	29.88 1.90 0.00	27.79 1.70 0.00	27.00 1.65 0.00	27.75 1.69 0.00	26.67 1.74 0.00	26.22 1.67 0.00	28.24 1.90 0.00	30.84 2.15 0.00	33.27 2.29 0.00	35.75 2.34 0.00	38.58 2.49 0.00	41.10 3.01 0.00	42.50 3.37 0.00	43.94 3.44 0.00	50.21 3.93 0.00	55.85 4.23 0.00	56.44 4.04 0.00	49.96 3.49 0.00	46.81 3.12 -0.29	41.42 2.71 0.00	37.41 2.15 0.00	33.52 2.08 0.00
EAST_HAMPTON___DIESEL 23722	38.75 3.38 -1.93	38.15 3.07 -4.10	37.06 2.63 -6.45	34.59 2.40 -6.09	33.12 2.41 -5.36	33.10 2.61 -4.43	27.95 2.91 -0.11	30.65 2.90 -3.20	36.03 3.19 -6.51	37.61 3.50 -5.42	35.42 4.30 -0.14	38.81 4.68 -0.73	40.88 4.76 -0.03	43.30 5.18 -0.03	44.65 5.52 0.00	46.82 6.32 -0.01	59.67 7.73 -5.66	68.41 8.31 -8.48	60.59 8.17 -0.01	52.57 6.09 -0.01	48.77 5.07 -0.30	42.70 3.99 0.00	37.83 2.57 0.00	33.96 2.52 0.00
EAST_POINT___SOLAR 323840	36.85 3.41 0.00	34.11 3.13 0.00	30.67 2.69 0.00	28.58 2.48 0.00	27.89 2.54 0.00	28.67 2.61 0.00	26.97 2.04 0.00	26.47 1.92 0.00	27.92 1.58 0.00	29.81 1.12 0.00	31.81 0.84 0.00	34.41 1.00 0.00	37.18 1.08 0.00	39.54 1.45 0.00	40.62 1.49 0.00	42.12 1.62 0.00	48.96 2.68 0.00	56.06 4.44 0.00	58.96 6.55 0.00	52.79 6.32 0.00	52.39 5.90 -3.10	43.97 5.26 0.00	39.34 4.09 0.00	34.87 3.43 0.00
EAST_PULASKI___ESR 323781	34.22 -0.27 -1.04	31.01 -0.28 -0.31	27.70 -0.28 0.00	25.81 -0.29 0.00	25.05 -0.30 0.00	25.75 -0.31 0.00	24.55 -0.37 0.00	24.23 -0.32 0.00	25.92 -0.42 0.00	28.26 -0.43 0.00	30.57 -0.40 0.00	33.64 -0.40 -0.63	36.36 -0.40 -0.67	38.83 -0.23 -0.96	39.06 -0.39 -0.32	40.13 -0.37 0.00	45.67 -0.60 0.00	51.16 -0.47 0.00	52.86 -0.21 -0.66	48.62 -0.14 -2.29	45.41 -0.04 -2.06	40.88 0.04 -2.13	37.75 -0.04 -2.53	31.74 -0.19 -0.48
EAST_RIVER___1 323558	36.12 2.68 0.00	33.43 2.45 0.00	30.11 2.13 0.00	27.98 1.88 0.00	27.18 1.83 0.00	27.96 1.90 0.00	26.87 1.95 0.00	26.42 1.87 0.00	28.47 2.13 0.00	31.13 2.44 0.00	33.54 2.57 0.00	36.08 2.67 0.00	38.94 2.85 0.00	41.52 3.43 0.00	42.89 3.76 0.00	44.22 3.72 0.00	50.49 4.21 0.00	56.06 4.44 0.00	56.71 4.30 0.00	50.19 3.72 0.00	47.07 3.39 -0.29	41.96 3.25 0.00	37.76 2.50 0.00	33.87 2.42 0.00
EAST_RIVER___2 323559	36.15 2.71 0.00	33.43 2.45 0.00	30.14 2.15 0.00	28.00 1.90 0.00	27.16 1.80 0.00	27.94 1.88 0.00	26.87 1.95 0.00	26.42 1.87 0.00	28.50 2.16 0.00	31.13 2.44 0.00	33.54 2.57 0.00	36.05 2.64 0.00	38.87 2.78 0.00	41.45 3.35 0.00	42.89 3.76 0.00	44.18 3.68 0.00	50.39 4.12 0.00	55.96 4.34 0.00	56.65 4.24 0.00	50.14 3.67 0.00	47.03 3.34 -0.29	41.92 3.21 0.00	37.79 2.54 0.00	33.87 2.42 0.00
EAST___DELAWARE_HYD 23607	35.35 1.91 0.00	32.75 1.77 0.00	29.55 1.57 0.00	27.45 1.36 0.00	26.67 1.32 0.00	27.36 1.30 0.00	26.22 1.30 0.00	25.76 1.20 0.00	27.73 1.40 0.00	30.30 1.61 0.00	32.61 1.64 0.00	35.11 1.70 0.00	37.97 1.88 0.00	40.34 2.25 0.00	41.67 2.54 0.00	43.09 2.59 0.00	49.33 3.05 0.00	55.03 3.41 0.00	55.92 3.51 0.00	49.63 3.16 0.00	46.57 2.86 -0.32	41.22 2.51 0.00	37.05 1.80 0.00	33.17 1.73 0.00
EIGHT_POINT___WT_PWR 323820	34.55 0.97 -0.14	31.83 0.80 -0.04	28.60 0.61 0.00	26.67 0.57 0.00	25.76 0.40 0.00	26.53 0.47 0.00	25.10 0.18 0.00	25.00 0.44 0.00	26.76 0.42 0.00	29.06 0.37 0.00	32.03 1.05 0.00	34.63 1.14 -0.08	37.63 1.45 -0.09	40.47 2.25 -0.13	41.13 1.96 -0.04	42.32 1.82 0.00	48.54 2.27 0.00	54.77 3.15 0.00	56.16 3.67 -0.09	49.89 3.11 -0.30	46.36 2.69 -0.27	41.85 2.86 -0.28	37.78 2.19 -0.34	32.92 1.42 -0.06
ELBRIDGE_115KV_TB2 80188	34.07 -0.07 -0.69	31.06 -0.12 -0.20	27.84 -0.14 0.00	25.97 -0.13 0.00	25.18 -0.18 0.00	25.90 -0.16 0.00	24.70 -0.22 0.00	24.43 -0.12 0.00	26.16 -0.18 0.00	28.52 -0.17 0.00	30.88 -0.09 0.00	33.80 -0.03 -0.42	36.61 0.07 -0.44	39.08 0.34 -0.64	39.58 0.23 -0.21	40.78 0.28 0.00	46.60 0.32 0.00	52.24 0.62 0.00	53.58 0.73 -0.44	48.55 0.56 -1.52	45.29 0.52 -1.37	40.59 0.46 -1.42	37.19 0.25 -1.68	31.86 0.09 -0.32
ELEC_TRO_TEK 24086	38.28 2.91 -1.93	37.75 2.66 -4.10	36.81 2.38 -6.45	34.30 2.11 -6.09	32.77 2.05 -5.36	32.60 2.11 -4.43	27.15 2.12 -0.11	29.82 2.06 -3.20	35.19 2.34 -6.51	36.72 2.61 -5.42	33.94 2.82 -0.14	37.08 2.94 -0.73	39.23 3.03 -0.11	41.55 3.35 -0.11	42.89 3.76 0.00	44.47 3.97 0.00	50.95 4.67 0.00	56.58 4.96 0.00	57.07 4.66 0.00	50.47 4.00 0.00	47.20 3.51 -0.29	41.84 3.14 0.00	37.72 2.47 0.00	33.87 2.42 0.00

ELLENBURG_WT_PWR 323604	32.94 -0.50 0.00	30.61 -0.37 0.00	27.59 -0.39 0.00	25.71 -0.39 0.00	25.00 -0.36 0.00	25.80 -0.26 0.00	24.83 -0.10 0.00	24.58 0.02 0.00	26.31 -0.03 0.00	28.63 -0.06 0.00	30.91 -0.06 0.00	33.31 -0.10 0.00	35.91 -0.18 0.00	37.07 -1.03 0.00	37.96 -1.17 0.00	39.16 -1.34 0.00	44.70 -1.57 0.00	49.30 -2.32 0.00	50.00 -2.41 0.00	44.84 -1.63 0.00	42.00 -1.39 0.00	37.62 -1.08 0.00	34.76 -0.49 0.00	30.88 -0.57 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	33.41 -0.03 0.00	30.89 -0.09 0.00	27.84 -0.14 0.00	26.02 -0.08 0.00	25.05 -0.30 0.00	25.80 -0.26 0.00	24.30 -0.62 0.00	24.19 -0.37 0.00	26.02 -0.32 0.00	28.17 -0.52 0.00	30.97 0.00 0.00	33.91 0.50 0.00	36.85 0.76 0.00	39.81 1.71 0.00	40.58 1.45 0.00	41.67 1.17 0.00	47.76 1.48 0.00	53.53 1.91 0.00	54.40 1.99 0.00	48.19 1.72 0.00	44.74 1.35 0.00	40.60 1.90 0.00	36.63 1.37 0.00	32.14 0.69 0.00
EMPIRE_CC_1 323656	34.44 1.00 0.00	31.88 0.90 0.00	28.85 0.87 0.00	27.03 0.94 0.00	26.32 0.96 0.00	27.00 0.94 0.00	25.90 0.97 0.00	25.29 0.74 0.00	27.16 0.82 0.00	29.52 0.83 0.00	31.69 0.71 0.00	34.18 0.77 0.00	36.89 0.79 0.00	39.20 1.11 0.00	40.35 1.21 0.00	42.00 1.50 0.00	48.03 1.76 0.00	53.53 1.91 0.00	54.24 1.83 0.00	48.05 1.58 0.00	45.73 1.48 -0.86	39.83 1.12 0.00	35.89 0.64 0.00	32.23 0.79 0.00
EMPIRE_CC_2 323658	34.44 1.00 0.00	31.88 0.90 0.00	28.85 0.87 0.00	27.03 0.94 0.00	26.32 0.96 0.00	27.00 0.94 0.00	25.90 0.97 0.00	25.29 0.74 0.00	27.16 0.82 0.00	29.52 0.83 0.00	31.69 0.71 0.00	34.18 0.77 0.00	36.89 0.79 0.00	39.20 1.11 0.00	40.35 1.21 0.00	42.00 1.50 0.00	48.03 1.76 0.00	53.53 1.91 0.00	54.24 1.83 0.00	48.05 1.58 0.00	45.73 1.48 -0.86	39.83 1.12 0.00	35.89 0.64 0.00	32.23 0.79 0.00
ENORWICH_115KV_TB1 80156	36.68 2.98 -0.26	33.82 2.76 -0.08	30.39 2.41 0.00	28.31 2.22 0.00	27.44 2.08 0.00	28.22 2.16 0.00	26.84 1.92 0.00	26.64 2.09 0.00	28.42 2.08 0.00	30.87 2.18 0.00	33.33 2.35 0.00	36.31 2.74 -0.16	39.29 3.03 -0.17	41.80 3.47 -0.24	42.50 3.29 -0.08	43.94 3.44 0.00	50.30 4.03 0.00	56.63 5.01 0.00	58.23 5.66 -0.16	52.57 5.53 -0.57	49.17 5.08 -0.70	43.84 4.61 -0.53	39.58 3.70 -0.63	34.58 3.02 -0.12
ERIE_ST__34_KV_TB1-2 80199	33.68 0.23 0.00	31.11 0.12 0.00	28.01 0.03 0.00	26.20 0.10 0.00	25.23 -0.13 0.00	25.96 -0.10 0.00	24.48 -0.45 0.00	24.41 -0.15 0.00	26.29 -0.05 0.00	28.46 -0.23 0.00	31.35 0.37 0.00	34.31 0.90 0.00	37.36 1.26 0.00	40.38 2.29 0.00	41.21 2.07 0.00	42.32 1.82 0.00	48.50 2.22 0.00	54.41 2.79 0.00	55.29 2.88 0.00	48.94 2.46 0.00	45.43 2.04 0.00	41.14 2.44 0.00	37.09 1.83 0.00	32.48 1.04 0.00
ERIE_WT_PWR 323693	33.61 0.17 0.00	31.08 0.09 0.00	28.01 0.03 0.00	26.18 0.08 0.00	25.21 -0.15 0.00	25.96 -0.10 0.00	24.45 -0.47 0.00	24.36 -0.20 0.00	26.21 -0.13 0.00	28.38 -0.31 0.00	31.69 0.71 0.00	34.14 0.73 0.00	37.14 1.05 0.00	40.11 2.02 0.00	40.93 1.80 0.00	42.00 1.50 0.00	48.13 1.85 0.00	54.05 2.43 0.00	54.97 2.57 0.00	48.61 2.14 0.00	45.13 1.74 0.00	40.95 2.24 0.00	36.91 1.66 0.00	32.36 0.91 0.00
ESPRGFLD_115KV_TB1 80157	35.85 2.41 0.00	33.18 2.20 0.00	29.94 1.96 0.00	27.90 1.80 0.00	27.13 1.77 0.00	27.89 1.82 0.00	26.52 1.60 0.00	26.15 1.60 0.00	27.97 1.63 0.00	30.33 1.64 0.00	32.65 1.67 0.00	35.28 1.87 0.00	38.15 2.06 0.00	40.53 2.44 0.00	41.56 2.43 0.00	43.05 2.55 0.00	49.52 3.24 0.00	55.75 4.13 0.00	57.28 4.87 0.00	51.07 4.60 0.00	49.83 4.21 -2.23	42.46 3.75 0.00	38.22 2.96 0.00	33.90 2.45 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	34.71 0.90 -0.36	31.86 0.77 -0.11	28.63 0.64 0.00	26.67 0.57 0.00	25.86 0.51 0.00	26.61 0.55 0.00	25.37 0.45 0.00	25.09 0.54 0.00	26.84 0.50 0.00	29.21 0.52 0.00	31.59 0.62 0.00	34.40 0.77 -0.22	37.26 0.94 -0.23	39.72 1.30 -0.33	40.45 1.21 -0.11	41.80 1.30 0.00	47.90 1.62 0.00	53.74 2.12 0.00	55.15 2.52 -0.23	49.49 2.23 -0.79	46.23 2.04 -0.80	41.26 1.82 -0.74	37.54 1.41 -0.88	32.65 1.04 -0.17
ETNA____115KV_TB2 80207	34.71 0.90 -0.36	31.86 0.77 -0.11	28.63 0.64 0.00	26.67 0.57 0.00	25.86 0.51 0.00	26.61 0.55 0.00	25.37 0.45 0.00	25.09 0.54 0.00	26.84 0.50 0.00	29.21 0.52 0.00	31.59 0.62 0.00	34.40 0.77 -0.22	37.26 0.94 -0.23	39.72 1.30 -0.33	40.45 1.21 -0.11	41.80 1.30 0.00	47.90 1.62 0.00	53.74 2.12 0.00	55.15 2.52 -0.23	49.49 2.23 -0.79	46.23 2.04 -0.80	41.26 1.82 -0.74	37.54 1.41 -0.88	32.65 1.04 -0.17
EUCLID__115KV_TB2 356179	33.44 -0.30 -0.30	30.73 -0.34 -0.09	27.65 -0.34 0.00	25.78 -0.31 0.00	25.03 -0.33 0.00	25.72 -0.34 0.00	24.55 -0.37 0.00	24.26 -0.29 0.00	26.00 -0.34 0.00	28.35 -0.34 0.00	30.66 -0.31 0.00	33.36 -0.23 -0.18	36.10 -0.18 -0.19	38.41 0.04 -0.28	39.14 -0.08 -0.09	40.50 0.00 0.00	46.28 0.00 0.00	51.78 0.15 0.00	52.86 0.26 -0.19	47.26 0.14 -0.65	44.11 0.13 -0.59	39.43 0.12 -0.61	35.94 -0.04 -0.72	31.42 -0.16 -0.14
E_CANADA_CAP_HY 24051	36.48 3.04 0.00	33.77 2.79 0.00	30.41 2.43 0.00	28.34 2.24 0.00	27.61 2.26 0.00	28.38 2.32 0.00	26.94 2.02 0.00	26.44 1.89 0.00	28.18 1.84 0.00	30.35 1.66 0.00	32.55 1.58 0.00	35.18 1.77 0.00	38.01 1.91 0.00	40.42 2.32 0.00	41.48 2.35 0.00	43.05 2.55 0.00	49.79 3.52 0.00	56.42 4.80 0.00	58.43 6.02 0.00	52.14 5.67 0.00	51.53 5.25 -2.89	43.39 4.68 0.00	38.89 3.63 0.00	34.49 3.05 0.00
E_CANADA_MHWK_HY 24050	33.91 0.47 0.00	31.38 0.40 0.00	28.34 0.36 0.00	26.43 0.34 0.00	25.69 0.33 0.00	26.37 0.31 0.00	25.20 0.27 0.00	24.82 0.27 0.00	26.63 0.29 0.00	29.04 0.35 0.00	31.35 0.37 0.00	33.84 0.43 0.00	36.53 0.43 0.00	38.67 0.57 0.00	39.64 0.51 0.00	40.95 0.45 0.00	46.74 0.46 0.00	52.14 0.52 0.00	52.98 0.58 0.00	47.07 0.60 0.00	43.96 0.56 0.00	39.29 0.58 0.00	35.61 0.35 0.00	31.76 0.31 0.00
E_FISHKILL__LBMP 23776	35.45 2.01 0.00	32.81 1.83 0.00	29.63 1.65 0.00	27.58 1.49 0.00	26.80 1.45 0.00	27.55 1.49 0.00	26.45 1.52 0.00	25.98 1.42 0.00	27.97 1.63 0.00	30.50 1.81 0.00	32.89 1.92 0.00	35.35 1.94 0.00	38.19 2.09 0.00	40.65 2.55 0.00	41.95 2.82 0.00	43.42 2.92 0.00	49.65 3.38 0.00	55.29 3.67 0.00	55.92 3.51 0.00	49.49 3.02 0.00	46.42 2.73 -0.30	40.99 2.28 0.00	37.05 1.80 0.00	33.20 1.76 0.00
FALCON___SEABRD_CC1 323796	33.71 0.27 0.00	31.38 0.40 0.00	28.29 0.31 0.00	26.33 0.23 0.00	25.64 0.28 0.00	26.45 0.39 0.00	25.50 0.57 0.00	25.27 0.71 0.00	27.00 0.66 0.00	29.38 0.69 0.00	31.72 0.74 0.00	34.25 0.84 0.00	36.85 0.76 0.00	37.56 -0.53 0.00	38.47 -0.67 0.00	39.81 -0.69 0.00	45.45 -0.83 0.00	49.40 -2.22 0.00	50.10 -2.30 0.00	45.45 -1.02 0.00	42.79 -0.61 0.00	38.71 0.00 0.00	35.68 0.42 0.00	31.67 0.22 0.00

FALCON___SEABRD_CC2 323797	33.71 0.27 0.00	31.38 0.40 0.00	28.29 0.31 0.00	26.33 0.23 0.00	25.64 0.28 0.00	26.45 0.39 0.00	25.50 0.57 0.00	25.27 0.71 0.00	27.00 0.66 0.00	29.38 0.69 0.00	31.72 0.74 0.00	34.25 0.84 0.00	36.85 0.76 0.00	37.56 -0.53 0.00	38.47 -0.67 0.00	39.81 -0.69 0.00	45.45 -0.83 0.00	49.40 -2.22 0.00	50.10 -2.30 0.00	45.45 -1.02 0.00	42.79 -0.61 0.00	38.71 0.00 0.00	35.68 0.42 0.00	31.67 0.22 0.00
FAR ROCKAWAY___4 23548	38.95 3.58 -1.93	38.37 3.28 -4.10	37.31 2.88 -6.45	34.77 2.58 -6.09	33.22 2.51 -5.36	33.07 2.58 -4.43	27.57 2.54 -0.11	30.23 2.48 -3.20	35.64 2.79 -6.51	37.27 3.16 -5.42	34.62 3.50 -0.14	37.85 3.71 -0.73	40.07 3.90 -0.08	42.14 3.96 -0.08	43.48 4.34 0.00	45.12 4.62 0.00	51.78 5.51 0.00	57.45 5.83 0.00	57.96 5.56 0.00	51.21 4.74 0.00	47.85 4.17 -0.29	42.77 4.06 0.00	38.57 3.31 0.00	34.56 3.11 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	36.12 2.68 0.00	33.43 2.45 0.00	30.14 2.15 0.00	27.98 1.88 0.00	27.18 1.83 0.00	27.96 1.90 0.00	26.87 1.94 0.00	26.42 1.87 0.00	28.50 2.16 0.00	31.13 2.44 0.00	33.61 2.63 0.00	36.12 2.71 0.00	38.98 2.89 0.00	41.52 3.43 0.00	42.93 3.80 0.00	44.27 3.77 0.00	50.49 4.21 0.00	56.16 4.54 0.00	56.76 4.35 0.00	50.19 3.72 0.00	47.07 3.38 -0.29	41.80 3.10 0.00	37.79 2.54 0.00	33.90 2.45 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	36.15 2.71 0.00	33.43 2.45 0.00	30.14 2.15 0.00	28.00 1.91 0.00	27.21 1.85 0.00	27.96 1.90 0.00	26.87 1.94 0.00	26.42 1.87 0.00	28.50 2.16 0.00	31.13 2.44 0.00	33.61 2.63 0.00	36.12 2.71 0.00	38.98 2.89 0.00	41.56 3.47 0.00	42.93 3.80 0.00	44.27 3.77 0.00	50.49 4.21 0.00	56.16 4.54 0.00	56.76 4.35 0.00	50.24 3.76 0.00	47.11 3.43 -0.29	41.84 3.14 0.00	37.83 2.57 0.00	33.90 2.45 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	36.08 2.64 0.00	33.40 2.42 0.00	30.11 2.13 0.00	27.98 1.88 0.00	27.18 1.83 0.00	27.94 1.88 0.00	26.87 1.94 0.00	26.42 1.87 0.00	28.47 2.13 0.00	31.10 2.41 0.00	33.58 2.60 0.00	36.08 2.67 0.00	38.95 2.85 0.00	41.48 3.39 0.00	42.89 3.76 0.00	44.23 3.73 0.00	50.44 4.16 0.00	56.11 4.49 0.00	56.70 4.30 0.00	50.14 3.67 0.00	47.03 3.34 -0.29	41.76 3.06 0.00	37.76 2.50 0.00	33.87 2.42 0.00
FARRAGUT___LBMP 323566	36.08 2.64 0.00	33.37 2.39 0.00	30.08 2.10 0.00	27.95 1.85 0.00	27.16 1.80 0.00	27.94 1.88 0.00	26.84 1.92 0.00	26.40 1.84 0.00	28.45 2.11 0.00	31.10 2.41 0.00	33.55 2.57 0.00	36.05 2.64 0.00	38.91 2.82 0.00	41.45 3.35 0.00	42.85 3.72 0.00	44.18 3.69 0.00	50.40 4.12 0.00	56.06 4.44 0.00	56.65 4.24 0.00	50.10 3.62 0.00	46.98 3.30 -0.29	41.73 3.02 0.00	37.72 2.47 0.00	33.83 2.39 0.00
FENNER___WINDPWR 24204	34.52 0.80 -0.28	31.81 0.74 -0.08	28.60 0.61 0.00	26.67 0.57 0.00	25.86 0.51 0.00	26.61 0.55 0.00	25.37 0.45 0.00	25.07 0.52 0.00	26.84 0.50 0.00	29.26 0.57 0.00	31.65 0.68 0.00	34.38 0.80 -0.17	37.18 0.90 -0.18	39.50 1.14 -0.26	40.27 1.06 -0.09	41.63 1.13 0.00	47.57 1.29 0.00	53.27 1.65 0.00	54.42 1.83 -0.18	48.81 1.72 -0.62	45.56 1.61 -0.56	40.71 1.43 -0.58	37.03 1.09 -0.68	32.42 0.85 -0.13
FIBERTEK___ENERGY 23856	34.20 0.10 -0.65	31.21 0.03 -0.19	27.95 -0.03 0.00	26.07 -0.03 0.00	25.28 -0.08 0.00	26.01 -0.05 0.00	24.80 -0.12 0.00	24.53 -0.02 0.00	26.29 -0.05 0.00	28.69 0.00 0.00	31.04 0.06 0.00	33.97 0.17 -0.39	36.76 0.25 -0.42	39.23 0.53 -0.60	39.76 0.43 -0.20	40.99 0.49 0.00	46.83 0.56 0.00	52.45 0.83 0.00	53.82 1.00 -0.42	48.65 0.74 -1.43	45.38 0.69 -1.29	40.62 0.58 -1.34	37.26 0.42 -1.59	31.97 0.22 -0.30
FITZPATRICK____ 23598	28.93 -0.87 3.64	29.07 -0.84 1.07	27.20 -0.78 0.00	25.37 -0.73 0.00	24.62 -0.74 0.00	25.30 -0.76 0.00	24.15 -0.77 0.00	23.87 -0.69 0.00	25.57 -0.76 0.00	27.89 -0.80 0.00	30.20 -0.77 0.00	30.37 -0.83 2.20	32.90 -0.87 2.33	34.00 -0.72 3.37	37.20 -0.82 1.11	39.69 -0.81 0.00	45.35 -0.93 0.00	50.74 -0.88 0.00	49.20 -0.89 2.32	37.64 -0.84 7.99	35.40 -0.78 7.21	30.60 -0.66 7.45	25.70 -0.70 8.85	29.04 -0.72 1.68
FLOWRFLD_69_KV_BK1 356044	38.61 3.24 -1.93	38.03 2.94 -4.10	37.03 2.60 -6.45	34.54 2.35 -6.09	33.00 2.28 -5.36	32.87 2.37 -4.43	27.43 2.39 -0.11	30.06 2.31 -3.20	35.40 2.55 -6.51	36.92 2.81 -5.42	34.18 3.07 -0.14	37.35 3.21 -0.73	39.41 3.28 -0.03	41.74 3.62 -0.03	43.20 4.07 0.00	45.09 4.58 -0.02	59.17 5.32 -7.57	68.59 5.63 -11.34	57.72 5.29 -0.02	51.23 4.74 -0.02	47.78 4.08 -0.31	41.96 3.25 0.00	37.55 2.29 0.00	33.83 2.39 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	35.88 2.44 0.00	33.24 2.26 0.00	30.00 2.01 0.00	27.90 1.80 0.00	27.13 1.77 0.00	27.83 1.77 0.00	26.70 1.77 0.00	26.20 1.65 0.00	28.24 1.90 0.00	30.84 2.15 0.00	33.27 2.29 0.00	35.75 2.34 0.00	38.66 2.56 0.00	41.10 3.01 0.00	42.50 3.37 0.00	43.98 3.48 0.00	50.40 4.12 0.00	56.16 4.54 0.00	56.97 4.56 0.00	50.42 3.95 0.00	47.26 3.56 -0.30	41.69 2.98 0.00	37.55 2.29 0.00	33.65 2.20 0.00
FORT ORANGE____ 23900	34.38 0.94 0.00	31.85 0.87 0.00	28.76 0.78 0.00	26.85 0.76 0.00	26.17 0.81 0.00	26.84 0.78 0.00	25.77 0.85 0.00	25.22 0.66 0.00	27.08 0.74 0.00	29.38 0.69 0.00	31.56 0.59 0.00	34.08 0.67 0.00	36.82 0.72 0.00	39.08 0.99 0.00	40.27 1.14 0.00	41.80 1.30 0.00	47.94 1.66 0.00	53.53 1.91 0.00	54.40 1.99 0.00	48.19 1.72 0.00	46.64 1.56 -1.69	40.02 1.32 0.00	36.03 0.77 0.00	32.26 0.82 0.00
FORT_DRUM_COGEN 23780	34.17 0.20 -0.52	31.32 0.19 -0.15	28.07 0.08 0.00	26.12 0.03 0.00	25.36 0.00 0.00	26.06 0.00 0.00	24.85 -0.07 0.00	24.50 -0.05 0.00	26.16 -0.18 0.00	28.46 -0.23 0.00	30.66 -0.31 0.00	33.43 -0.30 -0.32	36.07 -0.36 -0.33	38.20 -0.38 -0.48	38.63 -0.67 -0.16	39.69 -0.81 0.00	45.35 -0.93 0.00	50.85 -0.77 0.00	52.43 -0.31 -0.33	47.85 0.23 -1.15	44.82 0.39 -1.04	40.32 0.54 -1.07	36.74 0.21 -1.27	31.72 0.03 -0.24
FOX_HILLS___ESR 323835	36.30 2.84 -0.02	33.62 2.63 -0.01	30.28 2.29 -0.01	28.13 2.04 0.00	27.31 1.95 0.00	27.99 1.93 0.00	26.87 1.94 0.00	26.40 1.84 0.00	28.45 2.11 0.00	31.16 2.47 0.00	33.73 2.69 -0.06	36.27 2.81 -0.06	38.91 2.82 0.00	41.56 3.47 0.00	44.10 3.99 -0.97	44.35 3.85 0.00	114.96 4.30 -64.38	71.20 4.65 -14.93	109.42 4.51 -52.51	67.47 3.86 -17.14	47.34 3.60 -0.35	44.93 3.37 -2.86	38.06 2.75 -0.06	52.58 2.61 -18.52
FPL FAR_ROCK_GT1 24212	38.95 3.58 -1.93	38.37 3.28 -4.11	37.31 2.88 -6.45	34.77 2.58 -6.09	33.22 2.51 -5.36	33.07 2.58 -4.43	27.58 2.54 -0.11	30.23 2.48 -3.20	35.64 2.79 -6.51	37.27 3.16 -5.42	34.58 3.47 -0.14	37.85 3.71 -0.73	40.00 3.82 -0.08	42.17 4.00 -0.08	43.47 4.34 0.00	45.11 4.62 0.00	51.73 5.46 0.00	57.40 5.78 0.00	58.02 5.61 0.00	51.26 4.79 0.00	47.85 4.17 -0.29	42.89 4.18 0.00	38.53 3.28 0.00	34.56 3.11 0.00

FPL FAR_ROCK_GT2 23815	38.95 3.58 -1.93	38.37 3.28 -4.11	37.31 2.88 -6.45	34.77 2.58 -6.09	33.22 2.51 -5.36	33.07 2.58 -4.43	27.58 2.54 -0.11	30.23 2.48 -3.20	35.64 2.79 -6.51	37.27 3.16 -5.42	34.58 3.47 -0.14	37.85 3.71 -0.73	40.00 3.82 -0.08	42.17 4.00 -0.08	43.47 4.34 0.00	45.11 4.62 0.00	51.73 5.46 0.00	57.40 5.78 0.00	58.02 5.61 0.00	51.26 4.79 0.00	47.85 4.17 -0.29	42.89 4.18 0.00	38.53 3.28 0.00	34.56 3.11 0.00
FRANKLIN_FALL_HYD 24054	32.97 -0.47 0.00	30.67 -0.31 0.00	27.67 -0.31 0.00	25.76 -0.34 0.00	25.05 -0.30 0.00	25.85 -0.21 0.00	24.90 -0.02 0.00	24.65 0.10 0.00	26.37 0.03 0.00	28.66 -0.03 0.00	30.97 0.00 0.00	33.38 -0.03 0.00	35.91 -0.18 0.00	37.18 -0.91 0.00	38.08 -1.06 0.00	39.20 -1.30 0.00	44.75 -1.53 0.00	49.25 -2.37 0.00	50.10 -2.31 0.00	44.89 -1.58 0.00	42.22 -1.17 0.00	38.01 -0.70 0.00	34.83 -0.42 0.00	30.94 -0.50 0.00
FREEPORT_EQUS_GT1 23764	38.61 3.24 -1.93	38.03 2.94 -4.11	37.03 2.60 -6.45	34.51 2.32 -6.09	32.97 2.26 -5.36	32.81 2.32 -4.43	27.35 2.32 -0.11	30.01 2.26 -3.20	35.40 2.55 -6.51	36.98 2.87 -5.42	34.21 3.10 -0.14	37.45 3.31 -0.73	39.58 3.39 -0.09	41.73 3.54 -0.09	43.04 3.91 0.00	44.67 4.17 0.00	51.18 4.90 0.00	56.78 5.16 0.00	57.39 4.98 0.00	50.93 4.46 0.00	47.50 3.82 -0.29	42.42 3.72 0.00	38.08 2.82 0.00	34.15 2.70 0.00
FREEPORT___CT2 23818	38.61 3.24 -1.93	38.03 2.94 -4.11	37.03 2.60 -6.45	34.51 2.32 -6.09	32.97 2.26 -5.36	32.81 2.32 -4.43	27.35 2.32 -0.11	30.01 2.26 -3.20	35.40 2.55 -6.51	36.98 2.87 -5.42	34.21 3.10 -0.14	37.45 3.31 -0.73	39.58 3.39 -0.09	41.73 3.54 -0.09	43.04 3.91 0.00	44.67 4.17 0.00	51.18 4.90 0.00	56.78 5.16 0.00	57.39 4.98 0.00	50.93 4.46 0.00	47.50 3.82 -0.29	42.42 3.72 0.00	38.08 2.82 0.00	34.15 2.70 0.00
FRESHKLS_33_KV_LOAD 356253	36.27 2.81 -0.02	33.66 2.66 -0.01	30.28 2.29 -0.01	28.13 2.04 0.00	27.33 1.98 0.00	27.99 1.93 0.00	26.84 1.92 0.00	26.35 1.79 0.00	28.39 2.05 0.00	31.13 2.44 0.00	33.69 2.66 -0.06	36.24 2.77 0.00	38.87 2.78 0.00	41.52 3.43 0.00	44.13 4.03 -0.97	44.39 3.89 0.00	115.01 4.35 -64.38	71.30 4.75 -14.93	109.53 4.61 -52.51	67.52 3.90 -17.14	47.38 3.64 -0.35	44.97 3.41 -2.86	38.10 2.79 -0.06	52.58 2.61 -18.52
FULTON COGEN____ 23766	34.29 -0.33 -1.18	30.96 -0.37 -0.35	27.62 -0.36 0.00	25.76 -0.34 0.00	25.00 -0.35 0.00	25.70 -0.36 0.00	24.50 -0.42 0.00	24.21 -0.34 0.00	25.92 -0.42 0.00	28.29 -0.40 0.00	30.57 -0.40 0.00	33.79 -0.33 -0.72	36.53 -0.32 -0.76	39.11 -0.08 -1.10	39.30 -0.20 -0.36	40.38 -0.12 0.00	46.09 -0.19 0.00	51.57 -0.05 0.00	53.27 0.10 -0.75	49.07 0.00 -2.60	45.74 0.00 -2.35	41.13 0.00 -2.42	38.03 -0.11 -2.88	31.77 -0.22 -0.55
FULTON___LFGE 323630	38.06 4.62 0.00	35.26 4.28 0.00	31.59 3.61 0.00	29.41 3.31 0.00	28.78 3.42 0.00	29.55 3.49 0.00	28.19 3.26 0.00	27.79 3.24 0.00	29.98 3.64 0.00	32.36 3.67 0.00	34.69 3.72 0.00	37.42 4.01 0.00	40.50 4.40 0.00	43.35 5.26 0.00	44.49 5.36 0.00	46.13 5.63 0.00	53.31 7.03 0.00	60.76 9.14 0.00	62.47 10.06 0.00	55.21 8.73 0.00	54.46 7.94 -3.13	45.83 7.12 0.00	40.82 5.57 0.00	36.10 4.65 0.00
G.F.CEMENT___DRP 24184	36.79 3.34 0.00	34.11 3.13 0.00	30.64 2.66 0.00	28.55 2.45 0.00	27.92 2.56 0.00	28.67 2.61 0.00	27.44 2.52 0.00	26.86 2.31 0.00	28.97 2.63 0.00	31.62 2.93 0.00	33.82 2.85 0.00	36.58 3.17 0.00	39.31 3.21 0.00	41.87 3.77 0.00	42.93 3.80 0.00	44.55 4.05 0.00	51.14 4.86 0.00	57.35 5.73 0.00	58.85 6.45 0.00	52.10 5.62 0.00	52.11 5.55 -3.16	43.47 4.76 0.00	38.99 3.74 0.00	34.71 3.27 0.00
GARDENVILLE___LBMP 24039	33.51 0.07 0.00	30.98 0.00 0.00	27.93 -0.06 0.00	26.10 0.00 0.00	25.13 -0.23 0.00	25.88 -0.18 0.00	24.38 -0.55 0.00	24.28 -0.27 0.00	26.13 -0.21 0.00	28.29 -0.40 0.00	31.10 0.12 0.00	34.04 0.63 0.00	37.00 0.90 0.00	39.96 1.87 0.00	40.74 1.60 0.00	41.84 1.34 0.00	47.94 1.67 0.00	53.74 2.12 0.00	54.66 2.25 0.00	48.42 1.95 0.00	44.95 1.56 0.00	40.76 2.05 0.00	36.77 1.52 0.00	32.26 0.82 0.00
GARDNVLA_35_KV_LD 355827	33.68 0.23 0.00	31.11 0.12 0.00	28.04 0.06 0.00	26.20 0.10 0.00	25.23 -0.13 0.00	25.96 -0.10 0.00	24.48 -0.45 0.00	24.36 -0.20 0.00	26.23 -0.11 0.00	28.40 -0.29 0.00	31.25 0.28 0.00	34.21 0.80 0.00	37.21 1.12 0.00	40.23 2.13 0.00	41.01 1.88 0.00	42.08 1.58 0.00	48.22 1.94 0.00	54.05 2.43 0.00	54.92 2.52 0.00	48.66 2.18 0.00	45.17 1.78 0.00	40.99 2.28 0.00	36.95 1.69 0.00	32.42 0.97 0.00
GELCKHM___115KV_LOAD 80723	33.70 -0.17 -0.42	30.89 -0.22 -0.12	27.76 -0.22 0.00	25.89 -0.21 0.00	25.10 -0.25 0.00	25.83 -0.23 0.00	24.63 -0.30 0.00	24.36 -0.20 0.00	26.08 -0.26 0.00	28.46 -0.23 0.00	30.79 -0.19 0.00	33.57 -0.10 -0.26	36.33 -0.04 -0.27	38.71 0.23 -0.39	39.38 0.12 -0.13	40.66 0.16 0.00	46.46 0.19 0.00	52.03 0.41 0.00	53.20 0.52 -0.27	47.77 0.37 -0.93	44.54 0.30 -0.84	39.84 0.27 -0.87	36.39 0.11 -1.03	31.61 -0.03 -0.20
GENERAL___MILLS 23808	33.61 0.17 0.00	31.04 0.06 0.00	27.98 0.00 0.00	26.15 0.05 0.00	25.18 -0.18 0.00	25.93 -0.13 0.00	24.43 -0.50 0.00	24.33 -0.22 0.00	26.18 -0.16 0.00	28.35 -0.34 0.00	31.19 0.22 0.00	34.14 0.74 0.00	37.10 1.01 0.00	40.11 2.02 0.00	40.89 1.76 0.00	42.00 1.50 0.00	48.08 1.80 0.00	53.89 2.27 0.00	54.82 2.41 0.00	48.56 2.09 0.00	45.08 1.69 0.00	40.87 2.17 0.00	36.88 1.62 0.00	32.32 0.88 0.00
GE_PLASTICS___DRP 24183	34.04 0.60 0.00	31.54 0.56 0.00	28.51 0.53 0.00	26.62 0.52 0.00	25.91 0.56 0.00	26.58 0.52 0.00	25.50 0.57 0.00	25.00 0.44 0.00	26.84 0.50 0.00	29.15 0.46 0.00	31.41 0.43 0.00	33.84 0.43 0.00	36.53 0.43 0.00	38.82 0.72 0.00	39.95 0.82 0.00	41.47 0.97 0.00	47.43 1.16 0.00	52.91 1.29 0.00	53.66 1.26 0.00	47.59 1.12 0.00	45.78 1.00 -1.39	39.40 0.70 0.00	35.68 0.42 0.00	31.92 0.47 0.00
GILBOA___1 23756	34.44 1.00 0.00	31.91 0.93 0.00	28.93 0.95 0.00	27.06 0.97 0.00	26.32 0.96 0.00	27.03 0.96 0.00	25.80 0.87 0.00	25.27 0.71 0.00	27.16 0.82 0.00	29.58 0.89 0.00	31.87 0.90 0.00	34.34 0.93 0.00	37.10 1.01 0.00	39.43 1.33 0.00	40.58 1.45 0.00	42.04 1.54 0.00	48.13 1.85 0.00	53.48 1.86 0.00	54.24 1.83 0.00	48.19 1.72 0.00	45.14 1.56 -0.18	40.06 1.35 0.00	36.17 0.92 0.00	32.36 0.91 0.00
GILBOA___2 23757	34.44 1.00 0.00	31.91 0.93 0.00	28.93 0.95 0.00	27.06 0.97 0.00	26.32 0.96 0.00	27.03 0.96 0.00	25.80 0.87 0.00	25.27 0.71 0.00	27.16 0.82 0.00	29.58 0.89 0.00	31.87 0.90 0.00	34.34 0.93 0.00	37.10 1.01 0.00	39.43 1.33 0.00	40.58 1.45 0.00	42.04 1.54 0.00	48.13 1.85 0.00	53.48 1.86 0.00	54.24 1.83 0.00	48.19 1.72 0.00	45.14 1.56 -0.18	40.06 1.35 0.00	36.17 0.92 0.00	32.36 0.91 0.00

GILBOA___3 23758	34.44 1.00 0.00	31.91 0.93 0.00	28.93 0.95 0.00	27.06 0.97 0.00	26.32 0.96 0.00	27.03 0.96 0.00	25.80 0.87 0.00	25.27 0.71 0.00	27.16 0.82 0.00	29.58 0.89 0.00	31.87 0.90 0.00	34.34 0.93 0.00	37.10 1.01 0.00	39.43 1.33 0.00	40.58 1.45 0.00	42.04 1.54 0.00	48.13 1.85 0.00	53.48 1.86 0.00	54.24 1.83 0.00	48.19 1.72 0.00	45.14 1.56 -0.18	40.06 1.35 0.00	36.17 0.92 0.00	32.36 0.91 0.00
GILBOA___4 23759	34.44 1.00 0.00	31.91 0.93 0.00	28.93 0.95 0.00	27.06 0.97 0.00	26.32 0.96 0.00	27.03 0.96 0.00	25.80 0.87 0.00	25.27 0.71 0.00	27.16 0.82 0.00	29.58 0.89 0.00	31.87 0.90 0.00	34.34 0.93 0.00	37.10 1.01 0.00	39.43 1.33 0.00	40.58 1.45 0.00	42.04 1.54 0.00	48.13 1.85 0.00	53.48 1.86 0.00	54.24 1.83 0.00	48.19 1.72 0.00	45.14 1.56 -0.18	40.06 1.35 0.00	36.17 0.92 0.00	32.36 0.91 0.00
GILBOA___ 23599	34.45 1.00 0.00	31.91 0.93 0.00	28.93 0.95 0.00	27.06 0.97 0.00	26.32 0.96 0.00	27.03 0.96 0.00	25.80 0.87 0.00	25.27 0.71 0.00	27.16 0.82 0.00	29.58 0.89 0.00	31.90 0.93 0.00	34.35 0.94 0.00	37.10 1.01 0.00	39.43 1.33 0.00	40.58 1.45 0.00	42.04 1.54 0.00	48.13 1.85 0.00	53.53 1.91 0.00	54.29 1.89 0.00	48.19 1.72 0.00	45.14 1.56 -0.18	39.98 1.28 0.00	36.17 0.92 0.00	32.36 0.91 0.00
GINNA___ 23603	32.24 -1.20 0.00	29.77 -1.21 0.00	26.75 -1.23 0.00	24.95 -1.15 0.00	24.14 -1.22 0.00	24.89 -1.17 0.00	23.60 -1.32 0.00	23.47 -1.08 0.00	25.15 -1.18 0.00	27.43 -1.26 0.00	30.17 -0.81 0.00	32.47 -0.94 0.00	35.23 -0.87 0.00	37.79 -0.31 0.00	38.50 -0.63 0.00	39.85 -0.65 0.00	45.53 -0.74 0.00	51.16 -0.47 0.00	52.20 -0.21 0.00	46.10 -0.37 0.00	43.09 -0.30 0.00	38.63 -0.08 0.00	34.83 -0.42 0.00	30.69 -0.75 0.00
GLEN PARK___ 23778	34.43 0.43 -0.55	31.55 0.40 -0.16	28.29 0.31 0.00	26.30 0.21 0.00	25.54 0.18 0.00	26.24 0.18 0.00	25.00 0.08 0.00	24.65 0.10 0.00	26.29 -0.05 0.00	28.60 -0.09 0.00	30.85 -0.12 0.00	33.61 -0.13 -0.33	36.30 -0.14 -0.35	38.45 -0.15 -0.51	38.87 -0.43 -0.17	39.93 -0.57 0.00	45.63 -0.65 0.00	51.26 -0.36 0.00	52.91 0.16 -0.35	48.38 0.70 -1.21	45.31 0.82 -1.09	40.68 0.85 -1.13	37.16 0.56 -1.34	31.98 0.28 -0.25
GLENDALE_27_KV_LOAD 356172	36.35 2.91 0.00	33.65 2.66 0.00	30.30 2.32 0.00	28.16 2.06 0.00	27.36 2.00 0.00	28.09 2.03 0.00	26.99 2.07 0.00	26.54 1.99 0.00	28.60 2.27 0.00	31.30 2.61 0.00	33.82 2.85 0.00	36.35 2.94 0.00	39.09 3.00 0.00	41.71 3.62 0.00	43.24 4.11 0.00	44.43 3.93 0.00	50.62 4.35 0.01	53.11 4.70 3.21	52.67 4.51 4.24	50.38 3.90 0.00	47.33 3.64 -0.29	42.15 3.44 0.00	38.11 2.86 0.00	34.19 2.74 -0.01
GLENWOOD_IC_1_G5 23712	38.58 3.21 -1.93	38.03 2.94 -4.10	37.03 2.60 -6.45	34.51 2.32 -6.09	32.97 2.26 -5.36	32.81 2.32 -4.43	27.35 2.32 -0.11	29.99 2.23 -3.20	35.38 2.53 -6.51	36.98 2.87 -5.42	34.28 3.16 -0.14	37.48 3.34 -0.73	39.83 3.50 -0.23	42.21 3.89 -0.23	43.44 4.30 0.00	45.04 4.54 0.00	51.23 4.95 0.00	56.83 5.21 0.00	57.33 4.93 0.00	50.70 4.23 0.00	47.33 3.64 -0.29	42.31 3.60 0.00	38.08 2.82 0.00	34.15 2.70 0.00
GLENWOOD_IC_2_G1 23688	38.44 3.07 -1.93	37.91 2.82 -4.10	36.92 2.49 -6.45	34.41 2.22 -6.09	32.87 2.15 -5.36	32.71 2.21 -4.43	27.25 2.22 -0.11	29.91 2.16 -3.20	35.30 2.45 -6.51	36.87 2.75 -5.42	34.06 2.94 -0.14	37.28 3.14 -0.73	39.82 3.28 -0.44	42.23 3.69 -0.44	43.20 4.07 0.00	44.79 4.29 0.00	51.23 4.95 0.00	56.83 5.21 0.00	57.39 4.98 0.00	50.75 4.27 0.00	47.37 3.69 -0.29	42.26 3.56 0.00	37.90 2.65 0.00	34.02 2.58 0.00
GLENWOOD_IC_3_G1 23689	38.44 3.07 -1.93	37.91 2.82 -4.10	36.92 2.49 -6.45	34.41 2.22 -6.09	32.87 2.15 -5.36	32.71 2.21 -4.43	27.25 2.22 -0.11	29.91 2.16 -3.20	35.30 2.45 -6.51	36.87 2.75 -5.42	34.06 2.94 -0.14	37.28 3.14 -0.73	39.82 3.28 -0.44	42.23 3.69 -0.44	43.20 4.07 0.00	44.79 4.29 0.00	51.23 4.95 0.00	56.83 5.21 0.00	57.39 4.98 0.00	50.75 4.27 0.00	47.37 3.69 -0.29	42.26 3.56 0.00	37.90 2.65 0.00	34.02 2.58 0.00
GLENWOOD___4 23550	38.58 3.21 -1.93	38.03 2.94 -4.10	37.03 2.60 -6.45	34.51 2.32 -6.09	32.97 2.26 -5.36	32.81 2.32 -4.43	27.35 2.32 -0.11	29.99 2.23 -3.20	35.38 2.53 -6.51	36.98 2.87 -5.42	34.28 3.16 -0.14	37.48 3.34 -0.73	39.83 3.50 -0.23	42.21 3.89 -0.23	43.44 4.30 0.00	45.04 4.54 0.00	51.37 5.09 0.00	56.99 5.37 0.00	57.49 5.08 0.00	50.79 4.32 0.00	47.46 3.78 -0.29	42.31 3.60 0.00	38.08 2.82 0.00	34.15 2.70 0.00
GLENWOOD___5 23614	38.58 3.21 -1.93	38.03 2.94 -4.10	37.03 2.60 -6.45	34.51 2.32 -6.09	32.97 2.26 -5.36	32.81 2.32 -4.43	27.35 2.32 -0.11	29.99 2.23 -3.20	35.38 2.53 -6.51	36.98 2.87 -5.42	34.28 3.16 -0.14	37.48 3.34 -0.73	39.83 3.50 -0.23	42.21 3.89 -0.23	43.44 4.30 0.00	45.04 4.54 0.00	51.37 5.09 0.00	56.99 5.37 0.00	57.49 5.08 0.00	50.79 4.32 0.00	47.46 3.78 -0.29	42.31 3.60 0.00	38.08 2.82 0.00	34.15 2.70 0.00
GLOBAL GREEN_PORT_GT1 23814	39.11 3.74 -1.93	38.46 3.38 -4.10	37.31 2.88 -6.45	34.85 2.66 -6.09	33.35 2.64 -5.36	33.31 2.82 -4.43	28.05 3.01 -0.11	30.75 2.99 -3.20	36.14 3.29 -6.51	37.73 3.61 -5.42	35.48 4.37 -0.14	38.91 4.78 -0.73	41.03 4.91 -0.03	43.49 5.37 -0.03	44.89 5.75 0.00	47.07 6.56 -0.01	59.90 7.96 -5.66	68.67 8.57 -8.48	60.86 8.44 -0.01	53.04 6.55 -0.01	49.21 5.51 -0.30	43.08 4.37 0.00	38.18 2.92 0.00	34.28 2.83 0.00
GLOBE___DSASP 323697	32.31 -1.14 0.00	29.87 -1.12 0.00	26.92 -1.06 0.00	25.18 -0.91 0.00	24.24 -1.12 0.00	24.94 -1.12 0.00	23.50 -1.42 0.00	23.30 -1.25 0.00	25.05 -1.29 0.00	27.14 -1.55 0.00	29.83 -1.15 0.00	32.64 -0.77 0.00	35.44 -0.65 0.00	38.25 0.15 0.00	38.98 -0.16 0.00	40.05 -0.45 0.00	45.91 -0.37 0.00	51.36 -0.26 0.00	52.25 -0.16 0.00	46.29 -0.19 0.00	43.05 -0.35 0.00	39.13 0.43 0.00	35.33 0.07 0.00	31.07 -0.38 0.00
GOETHSLN___LBMP 323567	35.98 2.54 0.00	33.28 2.29 0.00	29.97 1.99 0.00	27.84 1.75 0.00	27.06 1.70 0.00	27.86 1.80 0.00	26.77 1.84 0.00	26.30 1.74 0.00	28.34 2.00 0.00	30.99 2.30 0.00	33.45 2.48 0.00	35.95 2.54 0.00	38.76 2.67 0.00	41.33 3.24 0.00	42.69 3.56 0.00	43.94 3.44 0.00	45.53 3.84 4.59	47.04 4.13 8.71	45.50 3.88 10.78	45.07 3.35 4.75	43.94 3.04 2.49	41.57 2.86 0.00	37.62 2.36 0.00	33.71 2.26 0.00
GOLAH___69_KV_TB 1_2 80279	33.58 0.13 0.00	31.01 0.03 0.00	27.98 0.00 0.00	26.12 0.03 0.00	25.23 -0.13 0.00	25.96 -0.10 0.00	24.58 -0.35 0.00	24.31 -0.25 0.00	26.02 -0.32 0.00	28.32 -0.37 0.00	30.97 0.00 0.00	33.71 0.30 0.00	36.53 0.43 0.00	39.27 1.18 0.00	40.11 0.98 0.00	41.55 1.05 0.00	47.53 1.25 0.00	53.32 1.70 0.00	54.45 2.04 0.00	48.19 1.72 0.00	45.04 1.65 0.00	40.53 1.82 0.00	36.52 1.27 0.00	32.14 0.69 0.00

GOODYEAR_LAKE_HYD 323669	35.15 1.71 0.00	32.56 1.58 0.00	29.41 1.43 0.00	27.43 1.33 0.00	26.65 1.29 0.00	27.39 1.33 0.00	26.12 1.20 0.00	25.78 1.23 0.00	27.66 1.32 0.00	30.12 1.43 0.00	32.49 1.52 0.00	35.11 1.70 0.00	37.97 1.88 0.00	40.30 2.21 0.00	41.36 2.23 0.00	42.77 2.27 0.00	49.01 2.73 0.00	54.82 3.20 0.00	55.87 3.46 0.00	49.73 3.25 0.00	47.31 2.95 -0.96	41.30 2.59 0.00	37.26 2.01 0.00	33.17 1.73 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	34.19 0.50 -0.24	31.52 0.46 -0.07	28.37 0.39 0.00	26.46 0.37 0.00	25.64 0.28 0.00	26.37 0.31 0.00	25.10 0.17 0.00	24.87 0.32 0.00	26.68 0.34 0.00	29.06 0.37 0.00	31.50 0.53 0.00	34.26 0.70 -0.15	37.15 0.90 -0.16	39.65 1.33 -0.23	40.50 1.29 -0.07	41.80 1.30 0.00	47.80 1.53 0.00	53.53 1.91 0.00	54.61 2.04 -0.16	48.82 1.81 -0.54	45.56 1.56 -0.61	40.72 1.51 -0.50	36.94 1.09 -0.59	32.31 0.75 -0.11
GOUDEY___7 23579	34.25 0.57 -0.24	31.55 0.50 -0.07	28.37 0.39 0.00	26.49 0.39 0.00	25.66 0.30 0.00	26.40 0.34 0.00	25.13 0.20 0.00	24.90 0.34 0.00	26.71 0.37 0.00	29.09 0.40 0.00	31.53 0.56 0.00	34.33 0.77 -0.15	37.19 0.94 -0.16	39.73 1.41 -0.23	40.54 1.33 -0.07	41.84 1.34 0.00	47.90 1.62 0.00	53.63 2.01 0.00	54.71 2.15 -0.16	48.87 1.86 -0.54	45.61 1.61 -0.61	40.75 1.55 -0.50	36.98 1.13 -0.59	32.34 0.79 -0.11
GOUDEY___8 23580	34.19 0.50 -0.24	31.52 0.46 -0.07	28.37 0.39 0.00	26.46 0.37 0.00	25.64 0.28 0.00	26.37 0.31 0.00	25.10 0.17 0.00	24.87 0.32 0.00	26.68 0.34 0.00	29.06 0.37 0.00	31.50 0.53 0.00	34.26 0.70 -0.15	37.15 0.90 -0.16	39.65 1.33 -0.23	40.50 1.29 -0.07	41.80 1.30 0.00	47.80 1.53 0.00	53.53 1.91 0.00	54.61 2.04 -0.16	48.82 1.81 -0.54	45.56 1.56 -0.61	40.72 1.51 -0.50	36.94 1.09 -0.59	32.31 0.75 -0.11
GOWANUS_GT1_1 24077	36.37 2.91 -0.02	33.66 2.66 -0.01	30.34 2.35 -0.01	28.16 2.06 0.00	27.36 2.00 0.00	28.07 2.01 0.00	26.94 2.02 0.00	26.47 1.92 0.00	28.53 2.19 0.00	31.27 2.58 0.00	33.85 2.82 -0.06	36.37 2.91 -0.06	39.02 2.92 0.00	41.67 3.58 0.00	44.17 4.07 -0.97	44.43 3.93 0.00	116.45 4.40 -65.78	71.46 4.75 -15.09	110.40 4.56 -53.43	67.89 3.90 -17.51	47.38 3.64 -0.35	45.01 3.44 -2.86	38.17 2.86 -0.06	52.70 2.74 -18.52
GOWANUS_GT1_2 24078	36.37 2.91 -0.02	33.66 2.66 -0.01	30.34 2.35 -0.01	28.16 2.06 0.00	27.36 2.00 0.00	28.07 2.01 0.00	26.94 2.02 0.00	26.47 1.92 0.00	28.53 2.19 0.00	31.27 2.58 0.00	33.85 2.82 -0.06	36.37 2.91 -0.06	39.02 2.92 0.00	41.67 3.58 0.00	44.17 4.07 -0.97	44.43 3.93 0.00	116.45 4.40 -65.78	71.46 4.75 -15.09	110.40 4.56 -53.43	67.89 3.90 -17.51	47.38 3.64 -0.35	45.01 3.44 -2.86	38.17 2.86 -0.06	52.70 2.74 -18.52
GOWANUS_GT1_3 24079	36.37 2.91 -0.02	33.66 2.66 -0.01	30.34 2.35 -0.01	28.16 2.06 0.00	27.36 2.00 0.00	28.07 2.01 0.00	26.94 2.02 0.00	26.47 1.92 0.00	28.53 2.19 0.00	31.27 2.58 0.00	33.85 2.82 -0.06	36.37 2.91 -0.06	39.02 2.92 0.00	41.67 3.58 0.00	44.17 4.07 -0.97	44.43 3.93 0.00	116.45 4.40 -65.78	71.46 4.75 -15.09	110.40 4.56 -53.43	67.89 3.90 -17.51	47.38 3.64 -0.35	45.01 3.44 -2.86	38.17 2.86 -0.06	52.70 2.74 -18.52
GOWANUS_GT1_4 24080	36.37 2.91 -0.02	33.66 2.66 -0.01	30.34 2.35 -0.01	28.16 2.06 0.00	27.36 2.00 0.00	28.07 2.01 0.00	26.94 2.02 0.00	26.47 1.92 0.00	28.53 2.19 0.00	31.27 2.58 0.00	33.85 2.82 -0.06	36.37 2.91 -0.06	39.02 2.92 0.00	41.67 3.58 0.00	44.17 4.07 -0.97	44.43 3.93 0.00	116.45 4.40 -65.78	71.46 4.75 -15.09	110.40 4.56 -53.43	67.89 3.90 -17.51	47.38 3.64 -0.35	45.01 3.44 -2.86	38.17 2.86 -0.06	52.70 2.74 -18.52
GOWANUS_GT1_5 24084	36.37 2.91 -0.02	33.66 2.66 -0.01	30.34 2.35 -0.01	28.16 2.06 0.00	27.36 2.00 0.00	28.07 2.01 0.00	26.94 2.02 0.00	26.47 1.92 0.00	28.53 2.19 0.00	31.27 2.58 0.00	33.85 2.82 -0.06	36.37 2.91 -0.06	39.02 2.92 0.00	41.67 3.58 0.00	44.17 4.07 -0.97	44.43 3.93 0.00	116.45 4.40 -65.78	71.46 4.75 -15.09	110.40 4.56 -53.43	67.89 3.90 -17.51	47.38 3.64 -0.35	45.01 3.44 -2.86	38.17 2.86 -0.06	52.70 2.74 -18.52
GOWANUS_GT1_6 24111	36.37 2.91 -0.02	33.66 2.66 -0.01	30.34 2.35 -0.01	28.16 2.06 0.00	27.36 2.00 0.00	28.07 2.01 0.00	26.94 2.02 0.00	26.47 1.92 0.00	28.53 2.19 0.00	31.27 2.58 0.00	33.85 2.82 -0.06	36.37 2.91 -0.06	39.02 2.92 0.00	41.67 3.58 0.00	44.17 4.07 -0.97	44.43 3.93 0.00	116.45 4.40 -65.78	71.46 4.75 -15.09	110.40 4.56 -53.43	67.89 3.90 -17.51	47.38 3.64 -0.35	45.01 3.44 -2.86	38.17 2.86 -0.06	52.70 2.74 -18.52
GOWANUS_GT1_7 24112	36.37 2.91 -0.02	33.66 2.66 -0.01	30.34 2.35 -0.01	28.16 2.06 0.00	27.36 2.00 0.00	28.07 2.01 0.00	26.94 2.02 0.00	26.47 1.92 0.00	28.53 2.19 0.00	31.27 2.58 0.00	33.85 2.82 -0.06	36.37 2.91 -0.06	39.02 2.92 0.00	41.67 3.58 0.00	44.17 4.07 -0.97	44.43 3.93 0.00	116.45 4.40 -65.78	71.46 4.75 -15.09	110.40 4.56 -53.43	67.89 3.90 -17.51	47.38 3.64 -0.35	45.01 3.44 -2.86	38.17 2.86 -0.06	52.70 2.74 -18.52
GOWANUS_GT1_8 24113	36.37 2.91 -0.02	33.66 2.66 -0.01	30.34 2.35 -0.01	28.16 2.06 0.00	27.36 2.00 0.00	28.07 2.01 0.00	26.94 2.02 0.00	26.47 1.92 0.00	28.53 2.19 0.00	31.27 2.58 0.00	33.85 2.82 -0.06	36.37 2.91 -0.06	39.02 2.92 0.00	41.67 3.58 0.00	44.17 4.07 -0.97	44.43 3.93 0.00	116.45 4.40 -65.78	71.46 4.75 -15.09	110.40 4.56 -53.43	67.89 3.90 -17.51	47.38 3.64 -0.35	45.01 3.44 -2.86	38.17 2.86 -0.06	52.70 2.74 -18.52
GOWANUS_GT2_1 24114	36.37 2.91 -0.02	33.66 2.66 -0.01	30.34 2.35 -0.01	28.16 2.06 0.00	27.36 2.00 0.00	28.07 2.01 0.00	26.94 2.02 0.00	26.47 1.92 0.00	28.52 2.18 0.00	31.27 2.58 0.00	33.79 2.76 -0.06	36.37 2.91 -0.06	39.02 2.92 0.00	41.67 3.58 0.00	44.17 4.07 -0.97	44.43 3.93 0.00	113.66 4.40 -62.99	71.04 4.65 -14.77	108.50 4.51 -51.58	67.15 3.90 -16.77	47.39 3.65 -0.35	45.16 3.60 -2.86	38.17 2.85 -0.06	52.70 2.73 -18.52
GOWANUS_GT2_2 24115	36.37 2.91 -0.02	33.66 2.66 -0.01	30.34 2.35 -0.01	28.16 2.06 0.00	27.36 2.00 0.00	28.07 2.01 0.00	26.94 2.02 0.00	26.47 1.92 0.00	28.52 2.18 0.00	31.27 2.58 0.00	33.79 2.76 -0.06	36.37 2.91 -0.06	39.02 2.92 0.00	41.67 3.58 0.00	44.17 4.07 -0.97	44.43 3.93 0.00	113.66 4.40 -62.99	71.04 4.65 -14.77	108.50 4.51 -51.58	67.15 3.90 -16.77	47.39 3.65 -0.35	45.16 3.60 -2.86	38.17 2.85 -0.06	52.70 2.73 -18.52
GOWANUS_GT2_3 24116	36.37 2.91 -0.02	33.66 2.66 -0.01	30.34 2.35 -0.01	28.16 2.06 0.00	27.36 2.00 0.00	28.07 2.01 0.00	26.94 2.02 0.00	26.47 1.92 0.00	28.52 2.18 0.00	31.27 2.58 0.00	33.79 2.76 -0.06	36.37 2.91 -0.06	39.02 2.92 0.00	41.67 3.58 0.00	44.17 4.07 -0.97	44.43 3.93 0.00	113.66 4.40 -62.99	71.04 4.65 -14.77	108.50 4.51 -51.58	67.15 3.90 -16.77	47.39 3.65 -0.35	45.16 3.60 -2.86	38.17 2.85 -0.06	52.70 2.73 -18.52

GOWANUS_GT2_4 24117	36.37 2.91 -0.02	33.66 2.66 -0.01	30.34 2.35 -0.01	28.16 2.06 0.00	27.36 2.00 0.00	28.07 2.01 0.00	26.94 2.02 0.00	26.47 1.92 0.00	28.52 2.18 0.00	31.27 2.58 0.00	33.79 2.76 -0.06	36.37 2.91 -0.06	39.02 2.92 0.00	41.67 3.58 0.00	44.17 4.07 -0.97	44.43 3.93 0.00	113.66 4.40 -62.99	71.04 4.65 -14.77	108.50 4.51 -51.58	67.15 3.90 -16.77	47.39 3.65 -0.35	45.16 3.60 -2.86	38.17 2.85 -0.06	52.70 2.73 -18.52
GOWANUS_GT2_5 24118	36.37 2.91 -0.02	33.66 2.66 -0.01	30.34 2.35 -0.01	28.16 2.06 0.00	27.36 2.00 0.00	28.07 2.01 0.00	26.94 2.02 0.00	26.47 1.92 0.00	28.52 2.18 0.00	31.27 2.58 0.00	33.79 2.76 -0.06	36.37 2.91 -0.06	39.02 2.92 0.00	41.67 3.58 0.00	44.17 4.07 -0.97	44.43 3.93 0.00	113.66 4.40 -62.99	71.04 4.65 -14.77	108.50 4.51 -51.58	67.15 3.90 -16.77	47.39 3.65 -0.35	45.16 3.60 -2.86	38.17 2.85 -0.06	52.70 2.73 -18.52
GOWANUS_GT2_6 24119	36.37 2.91 -0.02	33.66 2.66 -0.01	30.34 2.35 -0.01	28.16 2.06 0.00	27.36 2.00 0.00	28.07 2.01 0.00	26.94 2.02 0.00	26.47 1.92 0.00	28.52 2.18 0.00	31.27 2.58 0.00	33.79 2.76 -0.06	36.37 2.91 -0.06	39.02 2.92 0.00	41.67 3.58 0.00	44.17 4.07 -0.97	44.43 3.93 0.00	113.66 4.40 -62.99	71.04 4.65 -14.77	108.50 4.51 -51.58	67.15 3.90 -16.77	47.39 3.65 -0.35	45.16 3.60 -2.86	38.17 2.85 -0.06	52.70 2.73 -18.52
GOWANUS_GT2_7 24120	36.37 2.91 -0.02	33.66 2.66 -0.01	30.34 2.35 -0.01	28.16 2.06 0.00	27.36 2.00 0.00	28.07 2.01 0.00	26.94 2.02 0.00	26.47 1.92 0.00	28.52 2.18 0.00	31.27 2.58 0.00	33.79 2.76 -0.06	36.37 2.91 -0.06	39.02 2.92 0.00	41.67 3.58 0.00	44.17 4.07 -0.97	44.43 3.93 0.00	113.66 4.40 -62.99	71.04 4.65 -14.77	108.50 4.51 -51.58	67.15 3.90 -16.77	47.39 3.65 -0.35	45.16 3.60 -2.86	38.17 2.85 -0.06	52.70 2.73 -18.52
GOWANUS_GT2_8 24121	36.37 2.91 -0.02	33.66 2.66 -0.01	30.34 2.35 -0.01	28.16 2.06 0.00	27.36 2.00 0.00	28.07 2.01 0.00	26.94 2.02 0.00	26.47 1.92 0.00	28.52 2.18 0.00	31.27 2.58 0.00	33.79 2.76 -0.06	36.37 2.91 -0.06	39.02 2.92 0.00	41.67 3.58 0.00	44.17 4.07 -0.97	44.43 3.93 0.00	113.66 4.40 -62.99	71.04 4.65 -14.77	108.50 4.51 -51.58	67.15 3.90 -16.77	47.39 3.65 -0.35	45.16 3.60 -2.86	38.17 2.85 -0.06	52.70 2.73 -18.52
GOWANUS_GT3_1 24122	36.37 2.91 -0.02	33.66 2.66 -0.01	30.34 2.35 -0.01	28.16 2.06 0.00	27.36 2.00 0.00	28.07 2.01 0.00	26.94 2.02 0.00	26.47 1.92 0.00	28.52 2.18 0.00	31.27 2.58 0.00	33.79 2.76 -0.06	36.37 2.91 -0.06	39.02 2.92 0.00	41.67 3.58 0.00	44.17 4.07 -0.97	44.43 3.93 0.00	116.46 4.40 -65.78	71.36 4.65 -15.09	110.34 4.51 -53.43	67.89 3.90 -17.51	47.39 3.65 -0.35	45.16 3.60 -2.86	38.17 2.85 -0.06	52.70 2.73 -18.52
GOWANUS_GT3_2 24123	36.37 2.91 -0.02	33.66 2.66 -0.01	30.34 2.35 -0.01	28.16 2.06 0.00	27.36 2.00 0.00	28.07 2.01 0.00	26.94 2.02 0.00	26.47 1.92 0.00	28.52 2.18 0.00	31.27 2.58 0.00	33.79 2.76 -0.06	36.37 2.91 -0.06	39.02 2.92 0.00	41.67 3.58 0.00	44.17 4.07 -0.97	44.43 3.93 0.00	116.46 4.40 -65.78	71.36 4.65 -15.09	110.34 4.51 -53.43	67.89 3.90 -17.51	47.39 3.65 -0.35	45.16 3.60 -2.86	38.17 2.85 -0.06	52.70 2.73 -18.52
GOWANUS_GT3_3 24124	36.37 2.91 -0.02	33.66 2.66 -0.01	30.34 2.35 -0.01	28.16 2.06 0.00	27.36 2.00 0.00	28.07 2.01 0.00	26.94 2.02 0.00	26.47 1.92 0.00	28.52 2.18 0.00	31.27 2.58 0.00	33.79 2.76 -0.06	36.37 2.91 -0.06	39.02 2.92 0.00	41.67 3.58 0.00	44.17 4.07 -0.97	44.43 3.93 0.00	116.46 4.40 -65.78	71.36 4.65 -15.09	110.34 4.51 -53.43	67.89 3.90 -17.51	47.39 3.65 -0.35	45.16 3.60 -2.86	38.17 2.85 -0.06	52.70 2.73 -18.52
GOWANUS_GT3_4 24125	36.37 2.91 -0.02	33.66 2.66 -0.01	30.34 2.35 -0.01	28.16 2.06 0.00	27.36 2.00 0.00	28.07 2.01 0.00	26.94 2.02 0.00	26.47 1.92 0.00	28.52 2.18 0.00	31.27 2.58 0.00	33.79 2.76 -0.06	36.37 2.91 -0.06	39.02 2.92 0.00	41.67 3.58 0.00	44.17 4.07 -0.97	44.43 3.93 0.00	116.46 4.40 -65.78	71.36 4.65 -15.09	110.34 4.51 -53.43	67.89 3.90 -17.51	47.39 3.65 -0.35	45.16 3.60 -2.86	38.17 2.85 -0.06	52.70 2.73 -18.52
GOWANUS_GT3_5 24126	36.37 2.91 -0.02	33.66 2.66 -0.01	30.34 2.35 -0.01	28.16 2.06 0.00	27.36 2.00 0.00	28.07 2.01 0.00	26.94 2.02 0.00	26.47 1.92 0.00	28.52 2.18 0.00	31.27 2.58 0.00	33.79 2.76 -0.06	36.37 2.91 -0.06	39.02 2.92 0.00	41.67 3.58 0.00	44.17 4.07 -0.97	44.43 3.93 0.00	116.46 4.40 -65.78	71.36 4.65 -15.09	110.34 4.51 -53.43	67.89 3.90 -17.51	47.39 3.65 -0.35	45.16 3.60 -2.86	38.17 2.85 -0.06	52.70 2.73 -18.52
GOWANUS_GT3_6 24127	36.37 2.91 -0.02	33.66 2.66 -0.01	30.34 2.35 -0.01	28.16 2.06 0.00	27.36 2.00 0.00	28.07 2.01 0.00	26.94 2.02 0.00	26.47 1.92 0.00	28.52 2.18 0.00	31.27 2.58 0.00	33.79 2.76 -0.06	36.37 2.91 -0.06	39.02 2.92 0.00	41.67 3.58 0.00	44.17 4.07 -0.97	44.43 3.93 0.00	116.46 4.40 -65.78	71.36 4.65 -15.09	110.34 4.51 -53.43	67.89 3.90 -17.51	47.39 3.65 -0.35	45.16 3.60 -2.86	38.17 2.85 -0.06	52.70 2.73 -18.52
GOWANUS_GT3_7 24128	36.37 2.91 -0.02	33.66 2.66 -0.01	30.34 2.35 -0.01	28.16 2.06 0.00	27.36 2.00 0.00	28.07 2.01 0.00	26.94 2.02 0.00	26.47 1.92 0.00	28.52 2.18 0.00	31.27 2.58 0.00	33.79 2.76 -0.06	36.37 2.91 -0.06	39.02 2.92 0.00	41.67 3.58 0.00	44.17 4.07 -0.97	44.43 3.93 0.00	116.46 4.40 -65.78	71.36 4.65 -15.09	110.34 4.51 -53.43	67.89 3.90 -17.51	47.39 3.65 -0.35	45.16 3.60 -2.86	38.17 2.85 -0.06	52.70 2.73 -18.52
GOWANUS_GT3_8 24129	36.37 2.91 -0.02	33.66 2.66 -0.01	30.34 2.35 -0.01	28.16 2.06 0.00	27.36 2.00 0.00	28.07 2.01 0.00	26.94 2.02 0.00	26.47 1.92 0.00	28.52 2.18 0.00	31.27 2.58 0.00	33.79 2.76 -0.06	36.37 2.91 -0.06	39.02 2.92 0.00	41.67 3.58 0.00	44.17 4.07 -0.97	44.43 3.93 0.00	116.46 4.40 -65.78	71.36 4.65 -15.09	110.34 4.51 -53.43	67.89 3.90 -17.51	47.39 3.65 -0.35	45.16 3.60 -2.86	38.17 2.85 -0.06	52.70 2.73 -18.52
GOWANUS_GT4_1 24130	36.37 2.91 -0.02	33.66 2.66 -0.01	30.34 2.35 -0.01	28.16 2.06 0.00	27.36 2.00 0.00	28.07 2.01 0.00	26.94 2.02 0.00	26.47 1.92 0.00	28.53 2.19 0.00	31.27 2.58 0.00	33.85 2.82 -0.06	36.37 2.91 -0.06	39.02 2.92 0.00	41.67 3.58 0.00	44.17 4.07 -0.97	44.43 3.93 0.00	113.66 4.40 -62.99	71.14 4.75 -14.77	108.55 4.56 -51.58	67.15 3.90 -16.77	47.38 3.64 -0.35	45.01 3.44 -2.86	38.17 2.86 -0.06	52.70 2.74 -18.52
GOWANUS_GT4_2 24131	36.37 2.91 -0.02	33.66 2.66 -0.01	30.34 2.35 -0.01	28.16 2.06 0.00	27.36 2.00 0.00	28.07 2.01 0.00	26.94 2.02 0.00	26.47 1.92 0.00	28.53 2.19 0.00	31.27 2.58 0.00	33.85 2.82 -0.06	36.37 2.91 -0.06	39.02 2.92 0.00	41.67 3.58 0.00	44.17 4.07 -0.97	44.43 3.93 0.00	113.66 4.40 -62.99	71.14 4.75 -14.77	108.55 4.56 -51.58	67.15 3.90 -16.77	47.38 3.64 -0.35	45.01 3.44 -2.86	38.17 2.86 -0.06	52.70 2.74 -18.52

GOWANUS_GT4_3 24132	36.37 2.91 -0.02	33.66 2.66 -0.01	30.34 2.35 -0.01	28.16 2.06 0.00	27.36 2.00 0.00	28.07 2.01 0.00	26.94 2.02 0.00	26.47 1.92 0.00	28.53 2.19 0.00	31.27 2.58 0.00	33.85 2.82 -0.06	36.37 2.91 -0.06	39.02 2.92 0.00	41.67 3.58 0.00	44.17 4.07 -0.97	44.43 3.93 0.00	113.66 4.40 -62.99	71.14 4.75 -14.77	108.55 4.56 -51.58	67.15 3.90 -16.77	47.38 3.64 -0.35	45.01 3.44 -2.86	38.17 2.86 -0.06	52.70 2.74 -18.52
GOWANUS_GT4_4 24133	36.37 2.91 -0.02	33.66 2.66 -0.01	30.34 2.35 -0.01	28.16 2.06 0.00	27.36 2.00 0.00	28.07 2.01 0.00	26.94 2.02 0.00	26.47 1.92 0.00	28.53 2.19 0.00	31.27 2.58 0.00	33.85 2.82 -0.06	36.37 2.91 -0.06	39.02 2.92 0.00	41.67 3.58 0.00	44.17 4.07 -0.97	44.43 3.93 0.00	113.66 4.40 -62.99	71.14 4.75 -14.77	108.55 4.56 -51.58	67.15 3.90 -16.77	47.38 3.64 -0.35	45.01 3.44 -2.86	38.17 2.86 -0.06	52.70 2.74 -18.52
GOWANUS_GT4_5 24134	36.37 2.91 -0.02	33.66 2.66 -0.01	30.34 2.35 -0.01	28.16 2.06 0.00	27.36 2.00 0.00	28.07 2.01 0.00	26.94 2.02 0.00	26.47 1.92 0.00	28.53 2.19 0.00	31.27 2.58 0.00	33.85 2.82 -0.06	36.37 2.91 -0.06	39.02 2.92 0.00	41.67 3.58 0.00	44.17 4.07 -0.97	44.43 3.93 0.00	113.66 4.40 -62.99	71.14 4.75 -14.77	108.55 4.56 -51.58	67.15 3.90 -16.77	47.38 3.64 -0.35	45.01 3.44 -2.86	38.17 2.86 -0.06	52.70 2.74 -18.52
GOWANUS_GT4_6 24135	36.37 2.91 -0.02	33.66 2.66 -0.01	30.34 2.35 -0.01	28.16 2.06 0.00	27.36 2.00 0.00	28.07 2.01 0.00	26.94 2.02 0.00	26.47 1.92 0.00	28.53 2.19 0.00	31.27 2.58 0.00	33.85 2.82 -0.06	36.37 2.91 -0.06	39.02 2.92 0.00	41.67 3.58 0.00	44.17 4.07 -0.97	44.43 3.93 0.00	113.66 4.40 -62.99	71.14 4.75 -14.77	108.55 4.56 -51.58	67.15 3.90 -16.77	47.38 3.64 -0.35	45.01 3.44 -2.86	38.17 2.86 -0.06	52.70 2.74 -18.52
GOWANUS_GT4_7 24136	36.37 2.91 -0.02	33.66 2.66 -0.01	30.34 2.35 -0.01	28.16 2.06 0.00	27.36 2.00 0.00	28.07 2.01 0.00	26.94 2.02 0.00	26.47 1.92 0.00	28.53 2.19 0.00	31.27 2.58 0.00	33.85 2.82 -0.06	36.37 2.91 -0.06	39.02 2.92 0.00	41.67 3.58 0.00	44.17 4.07 -0.97	44.43 3.93 0.00	113.66 4.40 -62.99	71.14 4.75 -14.77	108.55 4.56 -51.58	67.15 3.90 -16.77	47.38 3.64 -0.35	45.01 3.44 -2.86	38.17 2.86 -0.06	52.70 2.74 -18.52
GOWANUS_GT4_8 24137	36.37 2.91 -0.02	33.66 2.66 -0.01	30.34 2.35 -0.01	28.16 2.06 0.00	27.36 2.00 0.00	28.07 2.01 0.00	26.94 2.02 0.00	26.47 1.92 0.00	28.53 2.19 0.00	31.27 2.58 0.00	33.85 2.82 -0.06	36.37 2.91 -0.06	39.02 2.92 0.00	41.67 3.58 0.00	44.17 4.07 -0.97	44.43 3.93 0.00	113.66 4.40 -62.99	71.14 4.75 -14.77	108.55 4.56 -51.58	67.15 3.90 -16.77	47.38 3.64 -0.35	45.01 3.44 -2.86	38.17 2.86 -0.06	52.70 2.74 -18.52
GREENBSH_115KV_TB3 55895	34.14 0.70 0.00	31.63 0.65 0.00	28.60 0.62 0.00	26.70 0.60 0.00	25.99 0.63 0.00	26.69 0.63 0.00	25.65 0.72 0.00	25.09 0.54 0.00	26.97 0.63 0.00	29.26 0.57 0.00	31.53 0.56 0.00	33.98 0.57 0.00	36.67 0.58 0.00	38.97 0.88 0.00	40.11 0.98 0.00	41.67 1.17 0.00	47.71 1.43 0.00	53.22 1.60 0.00	53.98 1.57 0.00	47.77 1.30 0.00	46.36 1.21 -1.75	39.56 0.85 0.00	35.78 0.53 0.00	32.04 0.60 0.00
GREENIDGE_115KV_TB5 80291	34.34 0.70 -0.20	31.60 0.56 -0.06	28.37 0.39 0.00	26.44 0.34 0.00	25.58 0.23 0.00	26.37 0.31 0.00	25.05 0.12 0.00	24.87 0.32 0.00	26.60 0.26 0.00	28.95 0.26 0.00	31.47 0.50 0.00	34.33 0.80 -0.12	37.27 1.05 -0.13	39.57 1.30 -0.19	40.25 1.06 -0.06	41.55 1.05 0.00	47.62 1.34 0.00	53.69 2.06 0.00	55.10 2.57 -0.13	49.00 2.09 -0.44	45.70 1.91 -0.40	40.94 1.82 -0.41	37.05 1.30 -0.49	32.64 1.10 -0.09
GREENIDGE___3 23582	34.34 0.70 -0.20	31.60 0.56 -0.06	28.37 0.39 0.00	26.44 0.34 0.00	25.58 0.23 0.00	26.37 0.31 0.00	25.05 0.12 0.00	24.87 0.32 0.00	26.60 0.26 0.00	28.95 0.26 0.00	31.47 0.50 0.00	34.33 0.80 -0.12	37.27 1.05 -0.13	39.57 1.30 -0.19	40.25 1.06 -0.06	41.55 1.05 0.00	47.62 1.34 0.00	53.69 2.06 0.00	55.10 2.57 -0.13	49.00 2.09 -0.44	45.70 1.91 -0.40	40.94 1.82 -0.41	37.05 1.30 -0.49	32.64 1.10 -0.09
GREENIDGE___4 23583	34.35 0.70 -0.20	31.60 0.56 -0.06	28.37 0.39 0.00	26.43 0.34 0.00	25.58 0.23 0.00	26.37 0.31 0.00	25.05 0.13 0.00	24.90 0.34 0.00	26.60 0.26 0.00	28.95 0.26 0.00	31.69 0.71 0.00	34.33 0.80 -0.12	37.27 1.05 -0.13	39.58 1.30 -0.19	40.25 1.06 -0.06	41.55 1.05 0.00	47.62 1.34 0.00	53.69 2.07 0.00	55.15 2.62 -0.13	49.01 2.09 -0.44	45.70 1.91 -0.40	40.97 1.86 -0.41	37.47 1.73 -0.49	32.64 1.10 -0.09
GREENLWN_69_KV_BK 3 55738	38.08 2.71 -1.93	37.60 2.51 -4.10	36.75 2.32 -6.45	34.30 2.11 -6.09	32.77 2.05 -5.36	32.60 2.11 -4.43	27.18 2.14 -0.11	29.84 2.09 -3.20	35.22 2.37 -6.51	36.72 2.61 -5.42	33.72 2.60 -0.14	36.78 2.64 -0.73	38.79 2.67 -0.03	41.13 3.01 -0.03	42.54 3.40 0.00	44.22 3.73 0.00	49.47 4.44 1.24	54.40 4.65 1.86	56.70 4.30 0.00	50.09 3.62 0.00	46.76 3.08 -0.29	41.37 2.67 0.00	37.19 1.94 0.00	33.52 2.08 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	36.37 2.91 -0.02	33.66 2.66 -0.01	30.34 2.35 -0.01	28.16 2.06 0.00	27.36 2.00 0.00	28.07 2.01 0.00	26.94 2.02 0.00	26.47 1.92 0.00	28.53 2.19 0.00	31.27 2.58 0.00	33.85 2.82 -0.06	36.37 2.91 -0.06	39.02 2.92 0.00	41.67 3.58 0.00	44.17 4.07 -0.97	44.43 3.93 0.00	116.45 4.40 -65.78	71.46 4.75 -15.09	110.40 4.56 -53.43	67.89 3.90 -17.51	47.38 3.64 -0.35	45.01 3.44 -2.86	38.17 2.86 -0.06	52.70 2.74 -18.52
GRISSOM___SOLAR 323813	38.06 4.62 0.00	35.26 4.28 0.00	31.59 3.61 0.00	29.41 3.31 0.00	28.78 3.42 0.00	29.55 3.49 0.00	28.19 3.26 0.00	27.79 3.24 0.00	29.98 3.64 0.00	32.36 3.67 0.00	34.69 3.72 0.00	37.42 4.01 0.00	40.50 4.40 0.00	43.35 5.26 0.00	44.49 5.36 0.00	46.13 5.63 0.00	53.31 7.03 0.00	60.76 9.14 0.00	62.47 10.06 0.00	55.21 8.73 0.00	54.46 7.94 -3.13	45.83 7.12 0.00	40.82 5.57 0.00	36.10 4.65 0.00
GROVEVILLE___HYD 323602	35.88 2.44 0.00	33.24 2.26 0.00	30.00 2.01 0.00	27.90 1.80 0.00	27.13 1.77 0.00	27.83 1.77 0.00	26.70 1.77 0.00	26.20 1.65 0.00	28.24 1.90 0.00	30.84 2.15 0.00	33.27 2.29 0.00	35.75 2.34 0.00	38.66 2.56 0.00	41.10 3.01 0.00	42.50 3.37 0.00	43.98 3.48 0.00	50.40 4.12 0.00	56.16 4.54 0.00	56.97 4.56 0.00	50.42 3.95 0.00	47.26 3.56 -0.30	41.69 2.98 0.00	37.55 2.29 0.00	33.65 2.20 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	34.20 0.10 -0.65	31.21 0.03 -0.19	27.95 -0.03 0.00	26.07 -0.03 0.00	25.28 -0.08 0.00	26.01 -0.05 0.00	24.80 -0.12 0.00	24.53 -0.02 0.00	26.29 -0.05 0.00	28.69 0.00 0.00	31.04 0.06 0.00	33.97 0.17 -0.39	36.76 0.25 -0.42	39.23 0.53 -0.60	39.76 0.43 -0.20	40.99 0.49 0.00	46.83 0.56 0.00	52.45 0.83 0.00	53.82 1.00 -0.42	48.65 0.74 -1.43	45.38 0.69 -1.29	40.62 0.58 -1.34	37.26 0.42 -1.59	31.97 0.22 -0.30

HAMLTNNY_34_KV_TB 80303	34.28 0.17 -0.67	31.27 0.09 -0.20	28.01 0.03 0.00	26.10 0.00 0.00	25.33 -0.03 0.00	26.06 0.00 0.00	24.83 -0.10 0.00	24.58 0.02 0.00	26.31 -0.03 0.00	28.72 0.03 0.00	31.10 0.12 0.00	34.08 0.27 -0.41	36.88 0.36 -0.43	39.44 0.72 -0.62	39.92 0.59 -0.20	41.15 0.65 0.00	47.02 0.74 0.00	52.70 1.08 0.00	54.09 1.26 -0.43	48.97 1.02 -1.47	45.63 0.91 -1.33	40.89 0.81 -1.37	37.45 0.56 -1.63	32.10 0.35 -0.31
HAMPSHIRE___PAPER_HYD 323593	33.12 -0.54 -0.22	30.61 -0.43 -0.06	27.53 -0.45 0.00	25.65 -0.44 0.00	24.93 -0.43 0.00	25.64 -0.42 0.00	24.53 -0.40 0.00	24.21 -0.34 0.00	25.84 -0.50 0.00	28.12 -0.57 0.00	30.29 -0.68 0.00	32.84 -0.70 -0.13	35.44 -0.79 -0.14	37.19 -1.11 -0.20	37.83 -1.37 -0.07	38.72 -1.78 0.00	44.20 -2.08 0.00	49.30 -2.32 0.00	50.40 -2.15 -0.14	45.37 -1.58 -0.48	42.53 -1.30 -0.43	37.95 -1.20 -0.45	35.08 -0.70 -0.53	30.82 -0.72 -0.10
HARDSCRABBLE_WT_PWR 323673	33.94 0.50 0.00	31.45 0.47 0.00	28.37 0.39 0.00	26.46 0.37 0.00	25.71 0.35 0.00	26.40 0.34 0.00	25.23 0.30 0.00	24.85 0.30 0.00	26.68 0.34 0.00	29.09 0.40 0.00	31.41 0.43 0.00	33.91 0.50 0.00	36.60 0.51 0.00	38.74 0.65 0.00	39.72 0.59 0.00	41.02 0.53 0.00	46.79 0.51 0.00	52.19 0.57 0.00	53.04 0.63 0.00	47.12 0.65 0.00	44.00 0.61 0.00	39.29 0.58 0.00	35.61 0.35 0.00	31.79 0.35 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	35.55 2.11 0.00	32.97 1.98 0.00	29.74 1.76 0.00	27.66 1.57 0.00	26.88 1.52 0.00	27.60 1.54 0.00	26.47 1.55 0.00	26.03 1.47 0.00	28.05 1.71 0.00	30.61 1.92 0.00	33.02 2.04 0.00	35.48 2.07 0.00	38.37 2.27 0.00	40.80 2.70 0.00	42.18 3.05 0.00	43.58 3.08 0.00	49.89 3.61 0.00	55.60 3.97 0.00	56.34 3.93 0.00	49.86 3.39 0.00	46.74 3.08 -0.27	41.30 2.59 0.00	37.26 2.01 0.00	33.36 1.92 0.00
HARSNRAD_115KV_TB1 81005	33.27 -0.17 0.00	30.74 -0.25 0.00	27.70 -0.28 0.00	25.91 -0.18 0.00	24.95 -0.41 0.00	25.67 -0.39 0.00	24.13 -0.80 0.00	23.96 -0.59 0.00	25.76 -0.58 0.00	27.92 -0.77 0.00	30.66 -0.31 0.00	33.58 0.17 0.00	36.49 0.40 0.00	39.43 1.33 0.00	40.15 1.02 0.00	41.27 0.77 0.00	47.29 1.02 0.00	53.01 1.39 0.00	53.93 1.52 0.00	47.82 1.35 0.00	44.43 1.04 0.00	40.37 1.66 0.00	36.38 1.13 0.00	31.95 0.50 0.00
HARZA MOOSE___RIVER 24016	34.23 0.60 -0.18	31.60 0.56 -0.05	28.46 0.48 0.00	26.51 0.42 0.00	25.74 0.38 0.00	26.45 0.39 0.00	25.25 0.32 0.00	24.95 0.39 0.00	26.68 0.34 0.00	29.06 0.37 0.00	31.35 0.37 0.00	33.99 0.47 -0.11	36.72 0.51 -0.12	38.84 0.57 -0.17	39.46 0.27 -0.06	40.66 0.16 0.00	46.42 0.14 0.00	51.88 0.26 0.00	52.94 0.42 -0.12	47.53 0.65 -0.41	44.41 0.65 -0.37	39.74 0.66 -0.38	36.09 0.39 -0.45	31.78 0.25 -0.09
HDSNBRDG_115KV_BRDG_TB1 355580	33.66 -0.13 -0.35	30.90 -0.19 -0.10	27.79 -0.20 0.00	25.91 -0.18 0.00	25.13 -0.23 0.00	25.85 -0.21 0.00	24.65 -0.27 0.00	24.36 -0.20 0.00	26.10 -0.24 0.00	28.49 -0.20 0.00	30.82 -0.15 0.00	33.56 -0.07 -0.21	36.32 0.00 -0.22	38.69 0.27 -0.33	39.40 0.16 -0.11	40.70 0.20 0.00	46.51 0.23 0.00	52.09 0.46 0.00	53.21 0.58 -0.22	47.66 0.42 -0.77	44.48 0.39 -0.70	39.74 0.31 -0.72	36.29 0.18 -0.86	31.61 0.00 -0.16
HELLGATE_13_KV_LD 55870	36.19 2.74 0.00	33.50 2.51 0.00	30.17 2.18 0.00	28.03 1.93 0.00	27.24 1.88 0.00	27.96 1.90 0.00	26.87 1.94 0.00	26.40 1.84 0.00	28.45 2.11 0.00	31.10 2.41 0.00	33.64 2.66 0.00	36.15 2.74 0.00	38.84 2.74 0.00	41.45 3.35 0.00	42.93 3.80 0.00	44.10 3.60 0.00	50.20 3.93 0.01	53.45 4.28 2.45	53.25 4.09 3.24	49.96 3.49 0.00	46.94 3.25 -0.29	41.88 3.17 0.00	37.90 2.64 0.00	34.00 2.55 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	36.19 2.74 0.00	33.50 2.51 0.00	30.17 2.18 0.00	28.03 1.93 0.00	27.24 1.88 0.00	27.96 1.90 0.00	26.87 1.94 0.00	26.40 1.84 0.00	28.45 2.11 0.00	31.10 2.41 0.00	33.64 2.66 0.00	36.15 2.74 0.00	38.84 2.74 0.00	41.45 3.35 0.00	42.93 3.80 0.00	44.10 3.60 0.00	50.20 3.93 0.01	53.45 4.28 2.45	53.25 4.09 3.24	49.96 3.49 0.00	46.94 3.25 -0.29	41.88 3.17 0.00	37.90 2.64 0.00	34.00 2.55 -0.01
HEMPSTEAD____ 23647	38.34 2.98 -1.93	37.82 2.73 -4.10	36.83 2.41 -6.45	34.33 2.14 -6.09	32.82 2.10 -5.36	32.66 2.16 -4.43	27.20 2.17 -0.11	29.84 2.09 -3.20	35.22 2.37 -6.51	36.78 2.67 -5.42	33.96 2.85 -0.14	37.21 3.07 -0.73	39.37 3.14 -0.14	41.74 3.50 -0.14	43.01 3.87 0.00	44.59 4.09 0.00	51.00 4.72 0.00	56.58 4.96 0.00	57.18 4.77 0.00	50.56 4.09 0.00	47.20 3.51 -0.29	42.11 3.41 0.00	37.76 2.50 0.00	33.90 2.45 0.00
HEWLETT_69_KV_BK3 55828	38.71 3.34 -1.93	38.18 3.10 -4.10	37.14 2.71 -6.45	34.62 2.43 -6.09	33.07 2.36 -5.36	32.92 2.42 -4.43	27.43 2.39 -0.11	30.09 2.33 -3.20	35.48 2.63 -6.51	37.09 2.98 -5.42	34.40 3.28 -0.14	37.55 3.41 -0.73	39.75 3.57 -0.08	41.94 3.77 -0.08	43.28 4.15 0.00	44.91 4.41 0.00	51.51 5.23 0.00	57.20 5.58 0.00	57.70 5.29 0.00	51.03 4.55 0.00	47.63 3.95 -0.29	42.42 3.72 0.00	38.29 3.03 0.00	34.34 2.89 0.00
HICKLING___1 23621	34.31 0.67 -0.20	31.60 0.56 -0.06	28.40 0.42 0.00	26.49 0.39 0.00	25.61 0.25 0.00	26.37 0.31 0.00	25.03 0.10 0.00	24.92 0.37 0.00	26.73 0.40 0.00	29.06 0.37 0.00	31.62 0.65 0.00	34.53 1.00 -0.12	37.52 1.30 -0.13	40.26 1.98 -0.19	40.99 1.80 -0.06	42.24 1.74 0.00	48.41 2.13 0.00	54.41 2.79 0.00	55.63 3.09 -0.13	49.52 2.60 -0.44	46.18 2.30 -0.49	41.40 2.28 -0.41	37.47 1.73 -0.49	32.67 1.13 -0.09
HICKLING___2 23622	34.31 0.67 -0.20	31.60 0.56 -0.06	28.40 0.42 0.00	26.49 0.39 0.00	25.61 0.25 0.00	26.37 0.31 0.00	25.03 0.10 0.00	24.92 0.37 0.00	26.73 0.40 0.00	29.06 0.37 0.00	31.62 0.65 0.00	34.53 1.00 -0.12	37.52 1.30 -0.13	40.26 1.98 -0.19	40.99 1.80 -0.06	42.24 1.74 0.00	48.41 2.13 0.00	54.41 2.79 0.00	55.63 3.09 -0.13	49.52 2.60 -0.44	46.18 2.30 -0.49	41.40 2.28 -0.41	37.47 1.73 -0.49	32.67 1.13 -0.09
HIGH FALLS___HY 23754	35.82 2.37 0.00	33.18 2.20 0.00	29.94 1.96 0.00	27.82 1.72 0.00	27.03 1.67 0.00	27.73 1.67 0.00	26.55 1.62 0.00	26.10 1.55 0.00	28.13 1.79 0.00	30.73 2.04 0.00	33.17 2.20 0.00	35.61 2.21 0.00	38.51 2.42 0.00	40.91 2.82 0.00	42.34 3.21 0.00	43.78 3.28 0.00	50.12 3.84 0.00	55.85 4.23 0.00	56.70 4.30 0.00	50.28 3.81 0.00	47.27 3.43 -0.45	41.61 2.90 0.00	37.51 2.26 0.00	33.58 2.14 0.00
HIGH_RIVER___SOLAR 323847	35.35 1.91 0.00	32.72 1.73 0.00	29.49 1.51 0.00	27.50 1.41 0.00	26.80 1.44 0.00	27.52 1.46 0.00	26.22 1.30 0.00	25.71 1.15 0.00	27.53 1.19 0.00	29.69 1.00 0.00	31.84 0.87 0.00	34.28 0.87 0.00	37.00 0.90 0.00	39.31 1.22 0.00	40.42 1.29 0.00	42.00 1.50 0.00	48.54 2.27 0.00	54.56 2.94 0.00	56.02 3.61 0.00	49.82 3.35 0.00	49.97 3.13 -3.45	41.45 2.75 0.00	37.33 2.08 0.00	33.27 1.82 0.00

HILLBURN___GT 23639	35.55 2.11 0.00	32.94 1.95 0.00	29.72 1.74 0.00	27.64 1.54 0.00	26.88 1.52 0.00	27.60 1.54 0.00	26.50 1.57 0.00	26.08 1.52 0.00	28.10 1.76 0.00	30.67 1.98 0.00	32.99 2.01 0.00	35.52 2.11 0.00	38.37 2.28 0.00	40.84 2.74 0.00	42.22 3.09 0.00	43.66 3.16 0.00	49.89 3.61 0.00	55.54 3.92 0.00	56.18 3.78 0.00	49.72 3.25 0.00	46.57 2.91 -0.27	41.37 2.67 0.00	37.16 1.90 0.00	33.33 1.89 0.00
HILLSIDE_115KV_TB1 80332	33.72 0.07 -0.21	31.11 0.06 -0.06	27.95 -0.03 0.00	26.10 0.00 0.00	25.23 -0.13 0.00	25.96 -0.10 0.00	24.68 -0.25 0.00	24.55 0.00 0.00	26.37 0.03 0.00	28.66 -0.03 0.00	31.19 0.22 0.00	34.04 0.50 -0.13	36.98 0.76 -0.13	39.62 1.33 -0.19	40.41 1.21 -0.06	41.63 1.13 0.00	47.66 1.39 0.00	53.53 1.91 0.00	54.58 2.04 -0.13	48.70 1.77 -0.46	45.33 1.43 -0.51	40.68 1.55 -0.43	36.82 1.06 -0.51	32.11 0.57 -0.10
HISHELDN_WT_PWR 323625	33.54 0.10 0.00	31.01 0.03 0.00	27.93 -0.06 0.00	26.10 0.00 0.00	25.15 -0.20 0.00	25.91 -0.16 0.00	24.43 -0.50 0.00	24.31 -0.25 0.00	26.13 -0.21 0.00	28.32 -0.37 0.00	31.50 0.53 0.00	33.94 0.53 0.00	36.89 0.79 0.00	39.77 1.67 0.00	40.54 1.41 0.00	41.67 1.18 0.00	47.76 1.48 0.00	53.69 2.07 0.00	54.66 2.25 0.00	48.33 1.86 0.00	44.95 1.56 0.00	40.72 2.01 0.00	36.70 1.45 0.00	32.20 0.75 0.00
HOLTSVILLE_IC_1 23690	38.31 2.94 -1.93	37.78 2.69 -4.10	36.80 2.38 -6.45	34.35 2.16 -6.09	32.82 2.10 -5.36	32.68 2.19 -4.43	27.25 2.22 -0.11	29.89 2.14 -3.20	35.22 2.37 -6.51	36.66 2.55 -5.42	33.84 2.73 -0.14	37.04 2.91 -0.73	39.01 2.89 -0.03	41.40 3.28 -0.03	42.73 3.60 0.00	44.60 4.09 -0.01	56.64 4.81 -5.55	65.04 5.11 -8.31	57.34 4.92 -0.01	50.75 4.27 -0.01	47.34 3.65 -0.30	41.73 3.02 0.00	37.30 2.04 0.00	33.61 2.17 0.00
HOLTSVILLE_IC_10 23699	38.58 3.21 -1.93	38.00 2.91 -4.10	36.97 2.55 -6.45	34.51 2.32 -6.09	33.00 2.28 -5.36	32.84 2.35 -4.43	27.40 2.37 -0.11	30.06 2.31 -3.20	35.38 2.53 -6.51	36.87 2.75 -5.42	34.09 2.97 -0.14	37.35 3.21 -0.73	39.37 3.25 -0.03	41.78 3.66 -0.03	43.16 4.03 0.00	45.05 4.53 -0.01	57.58 5.32 -5.98	66.26 5.68 -8.96	57.92 5.50 -0.01	51.27 4.79 -0.01	47.82 4.12 -0.30	42.08 3.37 -0.01	37.54 2.29 0.00	33.83 2.39 0.00
HOLTSVILLE_IC_2 23691	38.31 2.94 -1.93	37.78 2.69 -4.10	36.80 2.38 -6.45	34.35 2.16 -6.09	32.82 2.10 -5.36	32.68 2.19 -4.43	27.25 2.22 -0.11	29.89 2.14 -3.20	35.22 2.37 -6.51	36.66 2.55 -5.42	33.84 2.73 -0.14	37.04 2.91 -0.73	39.01 2.89 -0.03	41.40 3.28 -0.03	42.73 3.60 0.00	44.60 4.09 -0.01	56.64 4.81 -5.55	65.04 5.11 -8.31	57.34 4.92 -0.01	50.75 4.27 -0.01	47.34 3.65 -0.30	41.73 3.02 0.00	37.30 2.04 0.00	33.61 2.17 0.00
HOLTSVILLE_IC_3 23692	38.31 2.94 -1.93	37.78 2.69 -4.10	36.80 2.38 -6.45	34.35 2.16 -6.09	32.82 2.10 -5.36	32.68 2.19 -4.43	27.25 2.22 -0.11	29.89 2.14 -3.20	35.22 2.37 -6.51	36.66 2.55 -5.42	33.84 2.73 -0.14	37.04 2.91 -0.73	39.01 2.89 -0.03	41.40 3.28 -0.03	42.73 3.60 0.00	44.60 4.09 -0.01	56.64 4.81 -5.55	65.04 5.11 -8.31	57.34 4.92 -0.01	50.75 4.27 -0.01	47.34 3.65 -0.30	41.73 3.02 0.00	37.30 2.04 0.00	33.61 2.17 0.00
HOLTSVILLE_IC_4 23693	38.31 2.94 -1.93	37.78 2.69 -4.10	36.80 2.38 -6.45	34.35 2.16 -6.09	32.82 2.10 -5.36	32.68 2.19 -4.43	27.25 2.22 -0.11	29.89 2.14 -3.20	35.22 2.37 -6.51	36.66 2.55 -5.42	33.84 2.73 -0.14	37.04 2.91 -0.73	39.01 2.89 -0.03	41.40 3.28 -0.03	42.73 3.60 0.00	44.60 4.09 -0.01	56.64 4.81 -5.55	65.04 5.11 -8.31	57.34 4.92 -0.01	50.75 4.27 -0.01	47.34 3.65 -0.30	41.73 3.02 0.00	37.30 2.04 0.00	33.61 2.17 0.00
HOLTSVILLE_IC_5 23694	38.31 2.94 -1.93	37.78 2.69 -4.10	36.80 2.38 -6.45	34.35 2.16 -6.09	32.82 2.10 -5.36	32.68 2.19 -4.43	27.25 2.22 -0.11	29.89 2.14 -3.20	35.22 2.37 -6.51	36.66 2.55 -5.42	33.84 2.73 -0.14	37.04 2.91 -0.73	39.01 2.89 -0.03	41.40 3.28 -0.03	42.73 3.60 0.00	44.60 4.09 -0.01	56.64 4.81 -5.55	65.04 5.11 -8.31	57.34 4.92 -0.01	50.75 4.27 -0.01	47.34 3.65 -0.30	41.73 3.02 0.00	37.30 2.04 0.00	33.61 2.17 0.00
HOLTSVILLE_IC_6 23695	38.58 3.21 -1.93	38.00 2.91 -4.10	36.97 2.55 -6.45	34.51 2.32 -6.09	33.00 2.28 -5.36	32.84 2.35 -4.43	27.40 2.37 -0.11	30.06 2.31 -3.20	35.38 2.53 -6.51	36.87 2.75 -5.42	34.09 2.97 -0.14	37.35 3.21 -0.73	39.37 3.25 -0.03	41.78 3.66 -0.03	43.16 4.03 0.00	45.05 4.53 -0.01	57.58 5.32 -5.98	66.26 5.68 -8.96	57.92 5.50 -0.01	51.27 4.79 -0.01	47.82 4.12 -0.30	42.08 3.37 -0.01	37.54 2.29 0.00	33.83 2.39 0.00
HOLTSVILLE_IC_7 23696	38.58 3.21 -1.93	38.00 2.91 -4.10	36.97 2.55 -6.45	34.51 2.32 -6.09	33.00 2.28 -5.36	32.84 2.35 -4.43	27.40 2.37 -0.11	30.06 2.31 -3.20	35.38 2.53 -6.51	36.87 2.75 -5.42	34.09 2.97 -0.14	37.35 3.21 -0.73	39.37 3.25 -0.03	41.78 3.66 -0.03	43.16 4.03 0.00	45.05 4.53 -0.01	57.58 5.32 -5.98	66.26 5.68 -8.96	57.92 5.50 -0.01	51.27 4.79 -0.01	47.82 4.12 -0.30	42.08 3.37 -0.01	37.54 2.29 0.00	33.83 2.39 0.00
HOLTSVILLE_IC_8 23697	38.58 3.21 -1.93	38.00 2.91 -4.10	36.97 2.55 -6.45	34.51 2.32 -6.09	33.00 2.28 -5.36	32.84 2.35 -4.43	27.40 2.37 -0.11	30.06 2.31 -3.20	35.38 2.53 -6.51	36.87 2.75 -5.42	34.09 2.97 -0.14	37.35 3.21 -0.73	39.37 3.25 -0.03	41.78 3.66 -0.03	43.16 4.03 0.00	45.05 4.53 -0.01	57.58 5.32 -5.98	66.26 5.68 -8.96	57.92 5.50 -0.01	51.27 4.79 -0.01	47.82 4.12 -0.30	42.08 3.37 -0.01	37.54 2.29 0.00	33.83 2.39 0.00
HOLTSVILLE_IC_9 23698	38.58 3.21 -1.93	38.00 2.91 -4.10	36.97 2.55 -6.45	34.51 2.32 -6.09	33.00 2.28 -5.36	32.84 2.35 -4.43	27.40 2.37 -0.11	30.06 2.31 -3.20	35.38 2.53 -6.51	36.87 2.75 -5.42	34.09 2.97 -0.14	37.35 3.21 -0.73	39.37 3.25 -0.03	41.78 3.66 -0.03	43.16 4.03 0.00	45.05 4.53 -0.01	57.58 5.32 -5.98	66.26 5.68 -8.96	57.92 5.50 -0.01	51.27 4.79 -0.01	47.82 4.12 -0.30	42.08 3.37 -0.01	37.54 2.29 0.00	33.83 2.39 0.00
HOMER_HL_115KV_TB2 355744	33.31 -0.13 0.00	30.86 -0.12 0.00	27.79 -0.20 0.00	25.94 -0.16 0.00	25.00 -0.35 0.00	25.75 -0.31 0.00	24.33 -0.60 0.00	24.41 -0.15 0.00	26.31 -0.03 0.00	28.46 -0.23 0.00	31.25 0.28 0.00	34.14 0.74 0.00	37.18 1.08 0.00	40.11 2.02 0.00	40.93 1.80 0.00	42.04 1.54 0.00	48.17 1.90 0.00	54.15 2.53 0.00	55.18 2.78 0.00	48.89 2.42 0.00	45.30 1.91 0.00	40.99 2.28 0.00	36.88 1.62 0.00	32.26 0.82 0.00
HOWARD_WT_PWR 323690	34.59 1.00 -0.15	31.86 0.84 -0.04	28.63 0.64 0.00	26.70 0.60 0.00	25.76 0.40 0.00	26.55 0.49 0.00	25.12 0.20 0.00	25.02 0.47 0.00	26.79 0.45 0.00	29.09 0.40 0.00	32.06 1.08 0.00	34.70 1.20 -0.09	37.67 1.48 -0.09	40.52 2.29 -0.14	41.17 1.99 -0.05	42.36 1.86 0.00	48.59 2.31 0.00	54.82 3.20 0.00	56.22 3.72 -0.09	49.96 3.16 -0.32	46.47 2.78 -0.29	41.91 2.90 -0.30	37.87 2.26 -0.36	32.96 1.45 -0.07

HQ_GEN_CEDARS 23644	32.84 -0.60 0.00	30.52 -0.46 0.00	27.56 -0.42 0.00	25.68 -0.42 0.00	24.98 -0.38 0.00	25.67 -0.39 0.00	24.65 -0.27 0.00	24.31 -0.25 0.00	25.97 -0.37 0.00	28.26 -0.43 0.00	30.48 -0.50 0.00	32.88 -0.53 0.00	35.44 -0.65 0.00	36.91 -1.18 0.00	37.88 -1.25 0.00	38.47 -2.02 0.00	43.92 -2.36 0.00	48.73 -2.89 0.00	49.52 -2.88 0.00	44.06 -2.42 0.00	41.35 -2.04 0.00	37.62 -1.08 0.00	34.58 -0.67 0.00	30.85 -0.60 0.00
HQ_GEN_CEDARS_PROXY 323590	32.84 -0.60 0.00	30.52 -0.46 0.00	27.56 -0.42 0.00	25.68 -0.42 0.00	24.98 -0.38 0.00	25.67 -0.39 0.00	24.65 -0.27 0.00	24.31 -0.25 0.00	25.97 -0.37 0.00	28.26 -0.43 0.00	30.45 -0.53 0.00	32.87 -0.54 0.00	35.45 -0.65 0.00	36.91 -1.18 0.00	37.02 -1.25 0.86	39.34 -2.02 -0.86	43.92 -2.36 0.00	48.83 -2.79 0.00	49.52 -2.88 0.00	44.05 -2.42 0.00	41.35 -2.04 0.00	36.85 -1.86 0.00	34.58 -0.67 0.00	30.85 -0.60 0.00
HQ_GEN_IMPORT 323601	32.87 -0.57 0.00	30.49 -0.50 0.00	27.53 -0.45 0.00	25.68 -0.42 0.00	24.95 -0.41 0.00	25.64 -0.42 0.00	24.58 -0.35 0.00	24.21 -0.34 0.00	25.95 -0.39 0.00	28.26 -0.43 0.00	30.48 -0.50 0.00	32.87 -0.54 0.00	35.48 -0.61 0.00	37.07 -1.03 0.00	37.22 -1.05 0.86	40.15 -1.21 -0.86	44.84 -1.43 0.00	49.97 -1.65 0.00	50.73 -1.68 0.00	45.03 -1.44 0.00	42.13 -1.26 0.00	37.58 -1.12 0.00	34.66 -0.60 0.00	30.91 -0.53 0.00
HQ_GEN_WHEEL 23651	32.87 -0.57 0.00	30.49 -0.50 0.00	27.53 -0.45 0.00	25.68 -0.42 0.00	24.95 -0.41 0.00	25.64 -0.42 0.00	24.58 -0.35 0.00	24.21 -0.34 0.00	25.95 -0.39 0.00	28.26 -0.43 0.00	30.48 -0.50 0.00	32.87 -0.54 0.00	35.48 -0.61 0.00	37.07 -1.03 0.00	37.22 -1.05 0.86	40.15 -1.21 -0.86	44.84 -1.43 0.00	49.97 -1.65 0.00	50.73 -1.68 0.00	45.03 -1.44 0.00	42.13 -1.26 0.00	37.58 -1.12 0.00	34.66 -0.60 0.00	30.91 -0.53 0.00
HUDSON AVE_GT_3 23810	36.15 2.71 0.00	33.46 2.48 0.00	30.14 2.15 0.00	28.00 1.91 0.00	27.21 1.85 0.00	27.99 1.93 0.00	26.89 1.97 0.00	26.44 1.89 0.00	28.50 2.16 0.00	31.16 2.47 0.00	33.64 2.66 0.00	36.15 2.74 0.00	39.02 2.92 0.00	41.56 3.47 0.00	42.97 3.83 0.00	44.31 3.81 0.00	50.53 4.26 0.00	56.22 4.59 0.00	56.81 4.40 0.00	50.28 3.81 0.00	47.16 3.47 -0.29	41.84 3.14 0.00	37.83 2.57 0.00	33.93 2.48 0.00
HUDSON AVE_GT_4 23540	36.15 2.71 0.00	33.46 2.48 0.00	30.14 2.15 0.00	28.00 1.91 0.00	27.21 1.85 0.00	27.99 1.93 0.00	26.89 1.97 0.00	26.44 1.89 0.00	28.50 2.16 0.00	31.16 2.47 0.00	33.64 2.66 0.00	36.15 2.74 0.00	39.02 2.92 0.00	41.56 3.47 0.00	42.97 3.83 0.00	44.31 3.81 0.00	50.53 4.26 0.00	56.22 4.59 0.00	56.81 4.40 0.00	50.28 3.81 0.00	47.16 3.47 -0.29	41.84 3.14 0.00	37.83 2.57 0.00	33.93 2.48 0.00
HUDSON AVE_GT_5 23657	36.15 2.71 0.00	33.46 2.48 0.00	30.14 2.15 0.00	28.00 1.91 0.00	27.21 1.85 0.00	27.99 1.93 0.00	26.89 1.97 0.00	26.44 1.89 0.00	28.50 2.16 0.00	31.16 2.47 0.00	33.64 2.66 0.00	36.15 2.74 0.00	39.02 2.92 0.00	41.56 3.47 0.00	42.97 3.83 0.00	44.31 3.81 0.00	50.53 4.26 0.00	56.22 4.59 0.00	56.81 4.40 0.00	50.28 3.81 0.00	47.16 3.47 -0.29	41.84 3.14 0.00	37.83 2.57 0.00	33.93 2.48 0.00
HUDSON_AVE_10 24168	36.05 2.61 0.00	33.37 2.39 0.00	30.08 2.10 0.00	27.92 1.83 0.00	27.13 1.77 0.00	27.91 1.85 0.00	26.84 1.92 0.00	26.40 1.84 0.00	28.47 2.13 0.00	31.10 2.41 0.00	33.58 2.60 0.00	36.05 2.64 0.00	38.91 2.82 0.00	41.48 3.39 0.00	42.89 3.76 0.00	44.23 3.73 0.00	50.44 4.16 0.00	56.11 4.49 0.00	56.70 4.30 0.00	50.19 3.72 0.00	47.07 3.38 -0.29	41.76 3.06 0.00	37.76 2.50 0.00	33.87 2.42 0.00
HUDSON___115KV_TB 4 355613	34.88 1.44 0.00	32.35 1.36 0.00	29.16 1.18 0.00	27.22 1.12 0.00	26.55 1.19 0.00	27.21 1.15 0.00	26.10 1.17 0.00	25.46 0.91 0.00	27.34 1.00 0.00	29.61 0.92 0.00	31.87 0.90 0.00	34.35 0.94 0.00	37.10 1.01 0.00	39.43 1.33 0.00	40.62 1.49 0.00	42.20 1.70 0.00	48.50 2.22 0.00	54.36 2.74 0.00	55.39 2.99 0.00	49.17 2.70 0.00	47.19 2.39 -1.41	40.72 2.01 0.00	36.70 1.45 0.00	32.80 1.35 0.00
HUNTER MOUNT___DRP 323613	34.95 1.50 0.00	32.44 1.46 0.00	29.24 1.26 0.00	27.27 1.17 0.00	26.62 1.27 0.00	27.26 1.20 0.00	26.12 1.20 0.00	25.44 0.88 0.00	27.34 1.00 0.00	29.58 0.89 0.00	31.81 0.84 0.00	34.28 0.87 0.00	37.03 0.94 0.00	39.31 1.22 0.00	40.50 1.37 0.00	42.08 1.58 0.00	48.45 2.18 0.00	54.41 2.79 0.00	55.60 3.20 0.00	49.35 2.88 0.00	47.10 2.52 -1.19	40.91 2.21 0.00	36.81 1.55 0.00	32.89 1.45 0.00
HUNTINGTON_RES_REC 323705	38.34 2.98 -1.93	37.81 2.73 -4.10	36.89 2.46 -6.45	34.43 2.24 -6.09	32.90 2.18 -5.36	32.74 2.24 -4.43	27.30 2.27 -0.11	29.94 2.18 -3.20	35.32 2.48 -6.51	36.84 2.73 -5.42	33.91 2.79 -0.14	37.11 2.97 -0.73	39.15 3.03 -0.02	41.58 3.47 -0.02	42.93 3.79 0.00	44.79 4.25 -0.04	65.29 4.95 -14.06	77.94 5.27 -21.05	57.48 5.03 -0.04	50.83 4.32 -0.04	47.37 3.65 -0.33	41.84 3.13 0.00	37.37 2.12 0.00	33.68 2.23 0.00
HUNTLEY___63 23557	33.38 -0.07 0.00	30.83 -0.15 0.00	27.79 -0.20 0.00	25.99 -0.10 0.00	25.03 -0.33 0.00	25.75 -0.31 0.00	24.23 -0.70 0.00	24.09 -0.47 0.00	25.92 -0.42 0.00	28.06 -0.63 0.00	30.88 -0.09 0.00	33.81 0.40 0.00	36.74 0.65 0.00	39.73 1.64 0.00	40.50 1.37 0.00	41.59 1.09 0.00	47.66 1.39 0.00	53.38 1.76 0.00	54.24 1.83 0.00	48.05 1.58 0.00	44.65 1.26 0.00	40.53 1.82 0.00	36.59 1.34 0.00	32.10 0.66 0.00
HUNTLEY___64 23558	33.38 -0.07 0.00	30.83 -0.15 0.00	27.79 -0.20 0.00	25.99 -0.10 0.00	25.03 -0.33 0.00	25.75 -0.31 0.00	24.23 -0.70 0.00	24.09 -0.47 0.00	25.92 -0.42 0.00	28.06 -0.63 0.00	30.88 -0.09 0.00	33.81 0.40 0.00	36.74 0.65 0.00	39.73 1.64 0.00	40.50 1.37 0.00	41.59 1.09 0.00	47.66 1.39 0.00	53.38 1.76 0.00	54.24 1.83 0.00	48.05 1.58 0.00	44.65 1.26 0.00	40.53 1.82 0.00	36.59 1.34 0.00	32.10 0.66 0.00
HUNTLEY___65 23559	33.38 -0.07 0.00	30.83 -0.15 0.00	27.79 -0.20 0.00	25.99 -0.10 0.00	25.03 -0.33 0.00	25.75 -0.31 0.00	24.23 -0.70 0.00	24.09 -0.47 0.00	25.92 -0.42 0.00	28.06 -0.63 0.00	30.88 -0.09 0.00	33.81 0.40 0.00	36.74 0.65 0.00	39.73 1.64 0.00	40.50 1.37 0.00	41.59 1.09 0.00	47.66 1.39 0.00	53.38 1.76 0.00	54.24 1.83 0.00	48.05 1.58 0.00	44.65 1.26 0.00	40.53 1.82 0.00	36.59 1.34 0.00	32.10 0.66 0.00
HUNTLEY___66 23560	33.38 -0.07 0.00	30.83 -0.15 0.00	27.79 -0.20 0.00	25.99 -0.10 0.00	25.03 -0.33 0.00	25.75 -0.31 0.00	24.23 -0.70 0.00	24.09 -0.47 0.00	25.92 -0.42 0.00	28.06 -0.63 0.00	30.88 -0.09 0.00	33.81 0.40 0.00	36.74 0.65 0.00	39.73 1.64 0.00	40.50 1.37 0.00	41.59 1.09 0.00	47.66 1.39 0.00	53.38 1.76 0.00	54.24 1.83 0.00	48.05 1.58 0.00	44.65 1.26 0.00	40.53 1.82 0.00	36.59 1.34 0.00	32.10 0.66 0.00

HUNTLEY___67 23561	33.17 -0.27 0.00	30.67 -0.31 0.00	27.65 -0.34 0.00	25.84 -0.26 0.00	24.87 -0.48 0.00	25.62 -0.44 0.00	24.13 -0.80 0.00	23.99 -0.56 0.00	25.79 -0.55 0.00	27.94 -0.75 0.00	30.70 -0.28 0.00	33.61 0.20 0.00	36.49 0.40 0.00	39.39 1.30 0.00	40.19 1.06 0.00	41.31 0.81 0.00	47.29 1.02 0.00	53.01 1.39 0.00	53.87 1.47 0.00	47.77 1.30 0.00	44.35 0.95 0.00	40.29 1.59 0.00	36.35 1.09 0.00	31.92 0.47 0.00
HUNTLEY___68 23562	33.17 -0.27 0.00	30.67 -0.31 0.00	27.65 -0.34 0.00	25.84 -0.26 0.00	24.87 -0.48 0.00	25.62 -0.44 0.00	24.13 -0.80 0.00	23.99 -0.56 0.00	25.79 -0.55 0.00	27.94 -0.75 0.00	30.70 -0.28 0.00	33.61 0.20 0.00	36.49 0.40 0.00	39.39 1.30 0.00	40.19 1.06 0.00	41.31 0.81 0.00	47.29 1.02 0.00	53.01 1.39 0.00	53.87 1.47 0.00	47.77 1.30 0.00	44.35 0.95 0.00	40.29 1.59 0.00	36.35 1.09 0.00	31.92 0.47 0.00
HYLAND___LFGE 323620	35.35 1.91 0.00	32.59 1.61 0.00	29.24 1.26 0.00	27.27 1.18 0.00	26.34 0.99 0.00	27.18 1.12 0.00	25.55 0.62 0.00	25.04 0.49 0.00	26.16 -0.18 0.00	28.06 -0.63 0.00	30.60 -0.37 0.00	32.97 -0.44 0.00	35.80 -0.29 0.00	38.51 0.42 0.00	39.52 0.39 0.00	40.90 0.40 0.00	47.34 1.07 0.00	54.20 2.58 0.00	56.55 4.14 0.00	50.93 4.46 0.00	47.99 4.60 0.00	43.12 4.41 0.00	38.67 3.42 0.00	33.83 2.39 0.00
INDECK___CORINTH 23802	36.72 3.28 0.00	34.05 3.07 0.00	30.58 2.60 0.00	28.50 2.40 0.00	27.87 2.51 0.00	28.62 2.56 0.00	27.39 2.47 0.00	26.81 2.26 0.00	28.95 2.61 0.00	31.56 2.87 0.00	33.70 2.73 0.00	36.48 3.07 0.00	39.16 3.07 0.00	41.71 3.62 0.00	42.77 3.64 0.00	44.35 3.85 0.00	50.90 4.63 0.00	57.09 5.47 0.00	58.75 6.34 0.00	51.95 5.48 0.00	52.11 5.51 -3.21	43.50 4.80 0.00	38.96 3.70 0.00	34.68 3.24 0.00
INDECK___ILION 23567	33.84 0.40 0.00	31.35 0.37 0.00	28.32 0.34 0.00	26.41 0.31 0.00	25.66 0.30 0.00	26.35 0.29 0.00	25.20 0.27 0.00	24.82 0.27 0.00	26.63 0.29 0.00	29.01 0.32 0.00	31.32 0.34 0.00	33.81 0.40 0.00	36.53 0.43 0.00	38.63 0.53 0.00	39.68 0.55 0.00	41.03 0.53 0.00	46.88 0.60 0.00	52.29 0.67 0.00	53.14 0.73 0.00	47.17 0.70 0.00	44.00 0.61 0.00	39.25 0.54 0.00	35.61 0.35 0.00	31.76 0.31 0.00
INDECK___OLEAN 23982	33.31 -0.13 0.00	30.86 -0.12 0.00	27.79 -0.19 0.00	25.94 -0.16 0.00	25.00 -0.36 0.00	25.75 -0.31 0.00	24.33 -0.60 0.00	24.41 -0.15 0.00	26.31 -0.03 0.00	28.46 -0.23 0.00	31.63 0.65 0.00	34.14 0.73 0.00	37.18 1.08 0.00	40.11 2.02 0.00	40.93 1.80 0.00	42.04 1.54 0.00	48.13 1.85 0.00	54.25 2.63 0.00	55.29 2.88 0.00	48.89 2.42 0.00	45.30 1.91 0.00	41.15 2.44 0.00	36.91 1.66 0.00	32.26 0.82 0.00
INDECK___OSWEGO 23783	34.41 -0.60 -1.57	30.86 -0.59 -0.46	27.42 -0.56 0.00	25.57 -0.52 0.00	24.82 -0.53 0.00	25.51 -0.55 0.00	24.35 -0.57 0.00	24.04 -0.52 0.00	25.73 -0.60 0.00	28.06 -0.63 0.00	30.38 -0.59 0.00	33.72 -0.64 -0.95	36.48 -0.61 -1.00	39.13 -0.42 -1.45	39.06 -0.55 -0.48	40.02 -0.48 0.00	45.30 -0.97 0.00	50.69 -0.93 0.00	52.56 -0.84 -1.00	49.12 -0.79 -3.44	45.80 -0.70 -3.11	41.33 -0.58 -3.21	38.68 -0.39 -3.81	31.70 -0.47 -0.72
INDECK___YERKES 23781	33.41 -0.03 0.00	30.86 -0.12 0.00	27.81 -0.17 0.00	26.02 -0.08 0.00	25.08 -0.28 0.00	25.80 -0.26 0.00	24.25 -0.67 0.00	24.11 -0.44 0.00	25.95 -0.39 0.00	28.09 -0.60 0.00	31.41 0.43 0.00	33.84 0.43 0.00	36.78 0.68 0.00	39.81 1.72 0.00	40.54 1.41 0.00	41.63 1.13 0.00	47.66 1.39 0.00	53.53 1.91 0.00	54.45 2.04 0.00	48.10 1.63 0.00	44.69 1.30 0.00	40.60 1.90 0.00	36.63 1.37 0.00	32.14 0.69 0.00
INDIAN POINT_GT_1 24139	35.65 2.21 0.00	33.03 2.04 0.00	29.80 1.82 0.00	27.69 1.59 0.00	26.93 1.57 0.00	27.65 1.59 0.00	26.57 1.65 0.00	26.13 1.57 0.00	28.13 1.79 0.00	30.70 2.01 0.00	33.11 2.14 0.00	35.58 2.17 0.00	38.44 2.35 0.00	40.95 2.86 0.00	42.34 3.21 0.00	43.78 3.28 0.00	50.07 3.79 0.00	55.75 4.13 0.00	56.34 3.93 0.00	49.86 3.39 0.00	46.67 2.99 -0.29	41.30 2.59 0.00	37.23 1.97 0.00	33.39 1.95 0.00
INDIAN POINT_GT_2 23659	35.65 2.21 0.00	33.03 2.04 0.00	29.80 1.82 0.00	27.69 1.59 0.00	26.93 1.57 0.00	27.65 1.59 0.00	26.57 1.65 0.00	26.13 1.57 0.00	28.13 1.79 0.00	30.70 2.01 0.00	33.11 2.14 0.00	35.58 2.17 0.00	38.44 2.35 0.00	40.95 2.86 0.00	42.34 3.21 0.00	43.78 3.28 0.00	50.07 3.79 0.00	55.75 4.13 0.00	56.34 3.93 0.00	49.86 3.39 0.00	46.67 2.99 -0.29	41.30 2.59 0.00	37.23 1.97 0.00	33.39 1.95 0.00
INDIAN POINT_GT_3 24019	35.65 2.21 0.00	33.03 2.04 0.00	29.80 1.82 0.00	27.69 1.59 0.00	26.93 1.57 0.00	27.65 1.59 0.00	26.57 1.65 0.00	26.13 1.57 0.00	28.13 1.79 0.00	30.70 2.01 0.00	33.11 2.14 0.00	35.58 2.17 0.00	38.44 2.35 0.00	40.95 2.86 0.00	42.34 3.21 0.00	43.78 3.28 0.00	50.07 3.79 0.00	55.75 4.13 0.00	56.34 3.93 0.00	49.86 3.39 0.00	46.67 2.99 -0.29	41.30 2.59 0.00	37.23 1.97 0.00	33.39 1.95 0.00
INDIAN POINT___2 23530	35.55 2.11 0.00	32.94 1.95 0.00	29.75 1.76 0.00	27.64 1.54 0.00	26.88 1.52 0.00	27.60 1.54 0.00	26.52 1.60 0.00	26.08 1.52 0.00	28.10 1.76 0.00	30.67 1.98 0.00	32.99 2.01 0.00	35.52 2.11 0.00	38.37 2.28 0.00	40.84 2.74 0.00	42.22 3.09 0.00	43.66 3.16 0.00	49.89 3.61 0.00	55.49 3.87 0.00	56.07 3.67 0.00	49.68 3.20 0.00	46.54 2.86 -0.28	41.34 2.63 0.00	37.16 1.90 0.00	33.33 1.89 0.00
INDIAN POINT___3 23531	35.55 2.11 0.00	32.93 1.95 0.00	29.74 1.76 0.00	27.66 1.57 0.00	26.88 1.52 0.00	27.62 1.56 0.00	26.52 1.60 0.00	26.10 1.55 0.00	28.10 1.76 0.00	30.64 1.95 0.00	33.05 2.08 0.00	35.48 2.07 0.00	38.33 2.24 0.00	40.84 2.74 0.00	42.18 3.05 0.00	43.62 3.12 0.00	49.84 3.56 0.00	55.49 3.87 0.00	56.13 3.72 0.00	49.68 3.21 0.00	46.50 2.82 -0.29	41.18 2.48 0.00	37.16 1.90 0.00	33.33 1.89 0.00
INGHAM_C_115KV_TB7 356103	33.91 0.47 0.00	31.39 0.40 0.00	28.35 0.36 0.00	26.44 0.34 0.00	25.69 0.33 0.00	26.37 0.31 0.00	25.20 0.27 0.00	24.82 0.27 0.00	26.63 0.29 0.00	29.03 0.34 0.00	31.35 0.37 0.00	33.84 0.43 0.00	36.53 0.43 0.00	38.67 0.57 0.00	39.64 0.51 0.00	40.94 0.45 0.00	46.74 0.46 0.00	52.14 0.52 0.00	52.98 0.58 0.00	47.08 0.60 0.00	43.96 0.56 0.00	39.25 0.54 0.00	35.61 0.35 0.00	31.76 0.31 0.00
IP CORINTH___1 23988	36.72 3.28 0.00	34.05 3.07 0.00	30.58 2.60 0.00	28.50 2.40 0.00	27.87 2.51 0.00	28.61 2.55 0.00	27.39 2.47 0.00	26.81 2.26 0.00	28.95 2.61 0.00	31.56 2.87 0.00	33.73 2.76 0.00	36.48 3.07 0.00	39.16 3.07 0.00	41.71 3.62 0.00	42.77 3.64 0.00	44.35 3.85 0.00	50.90 4.63 0.00	57.14 5.52 0.00	58.75 6.34 0.00	51.96 5.48 0.00	52.11 5.51 -3.21	43.43 4.72 0.00	38.96 3.70 0.00	34.68 3.24 0.00

IP___TICONDEROGA 23804	38.46 5.02 0.00	35.72 4.74 0.00	31.93 3.95 0.00	29.72 3.63 0.00	29.19 3.83 0.00	29.94 3.88 0.00	28.66 3.74 0.00	28.02 3.46 0.00	30.34 4.00 0.00	33.14 4.45 0.00	35.40 4.43 0.00	38.45 5.04 0.00	41.33 5.23 0.00	44.07 5.98 0.00	45.08 5.95 0.00	46.70 6.20 0.00	53.73 7.45 0.00	60.50 8.88 0.00	62.26 9.85 0.00	55.12 8.64 0.00	55.03 8.46 -3.18	46.06 7.35 0.00	41.11 5.85 0.00	36.48 5.03 0.00
ISLIP_RES_REC 323679	38.81 3.45 -1.93	38.18 3.10 -4.10	37.14 2.71 -6.45	34.67 2.48 -6.09	33.12 2.41 -5.36	33.00 2.50 -4.43	27.55 2.52 -0.11	30.18 2.43 -3.20	35.51 2.66 -6.51	37.04 2.93 -5.42	34.34 3.22 -0.14	37.61 3.47 -0.73	39.70 3.57 -0.03	42.12 4.00 -0.03	43.51 4.38 0.00	45.41 4.90 -0.01	57.51 5.78 -5.45	65.97 6.19 -8.16	58.44 6.02 -0.01	51.73 5.25 -0.01	48.21 4.51 -0.30	42.43 3.72 -0.01	37.83 2.57 0.00	34.05 2.61 0.00
JAMAICA__27_KV_LOAD 355505	36.35 2.91 0.00	33.62 2.63 0.00	30.33 2.35 0.00	28.13 2.04 0.00	27.33 1.98 0.00	28.12 2.06 0.00	27.04 2.12 0.00	26.64 2.09 0.00	28.76 2.42 0.00	31.36 2.67 0.00	33.86 2.88 0.00	36.38 2.97 0.00	39.27 3.18 0.00	41.87 3.77 0.00	43.32 4.19 0.00	44.67 4.17 0.00	51.04 4.77 0.00	56.83 5.21 0.00	57.44 5.03 0.00	50.84 4.37 0.00	47.68 3.99 -0.29	42.27 3.56 0.00	38.15 2.89 0.00	34.24 2.80 0.00
JANIS___SOLAR 323808	35.69 1.94 -0.30	32.81 1.73 -0.09	29.46 1.48 0.00	27.45 1.36 0.00	26.62 1.27 0.00	27.39 1.33 0.00	26.07 1.15 0.00	25.81 1.25 0.00	27.47 1.13 0.00	29.84 1.15 0.00	32.28 1.30 0.00	35.03 1.44 -0.18	37.87 1.59 -0.19	40.39 2.02 -0.28	41.06 1.84 -0.09	42.48 1.98 0.00	48.77 2.50 0.00	55.03 3.41 0.00	56.69 4.09 -0.19	51.04 3.90 -0.67	47.74 3.60 -0.75	42.66 3.33 -0.62	38.60 2.61 -0.74	33.63 2.04 -0.14
JARVIS____ 23743	33.68 0.24 0.00	31.20 0.22 0.00	28.20 0.22 0.00	26.30 0.21 0.00	25.56 0.20 0.00	26.27 0.21 0.00	25.10 0.18 0.00	24.73 0.17 0.00	26.53 0.19 0.00	28.89 0.20 0.00	31.19 0.22 0.00	33.65 0.24 0.00	36.35 0.25 0.00	38.47 0.38 0.00	39.52 0.39 0.00	40.95 0.45 0.00	46.79 0.51 0.00	52.19 0.57 0.00	52.98 0.58 0.00	46.98 0.51 0.00	43.83 0.43 0.00	39.09 0.39 0.00	35.47 0.21 0.00	31.63 0.19 0.00
JENNISON___1 23625	35.80 2.14 -0.21	33.03 1.98 -0.06	29.74 1.76 0.00	27.71 1.62 0.00	26.85 1.50 0.00	27.62 1.56 0.00	26.30 1.37 0.00	26.10 1.55 0.00	27.95 1.61 0.00	30.41 1.72 0.00	32.86 1.89 0.00	35.74 2.21 -0.13	38.68 2.45 -0.14	41.19 2.90 -0.20	41.97 2.78 -0.06	43.37 2.88 0.00	49.61 3.33 0.00	55.65 4.03 0.00	56.94 4.40 -0.14	51.17 4.23 -0.47	47.87 3.82 -0.66	42.62 3.48 -0.44	38.52 2.75 -0.52	33.77 2.23 -0.10
JENNISON___2 23626	35.80 2.14 -0.21	33.03 1.98 -0.06	29.74 1.76 0.00	27.71 1.62 0.00	26.85 1.50 0.00	27.62 1.56 0.00	26.30 1.37 0.00	26.10 1.55 0.00	27.95 1.61 0.00	30.41 1.72 0.00	32.86 1.89 0.00	35.74 2.21 -0.13	38.68 2.45 -0.14	41.19 2.90 -0.20	41.97 2.78 -0.06	43.37 2.88 0.00	49.61 3.33 0.00	55.65 4.03 0.00	56.94 4.40 -0.14	51.17 4.23 -0.47	47.87 3.82 -0.66	42.62 3.48 -0.44	38.52 2.75 -0.52	33.77 2.23 -0.10
JERICHO_RISE_WT_PWR 323719	32.87 -0.57 0.00	30.55 -0.43 0.00	27.56 -0.42 0.00	25.65 -0.44 0.00	24.95 -0.41 0.00	25.75 -0.31 0.00	24.80 -0.12 0.00	24.55 0.00 0.00	26.29 -0.05 0.00	28.60 -0.09 0.00	30.85 -0.12 0.00	33.28 -0.13 0.00	35.84 -0.25 0.00	36.95 -1.14 0.00	37.88 -1.25 0.00	39.08 -1.42 0.00	44.61 -1.66 0.00	49.25 -2.37 0.00	49.89 -2.51 0.00	44.75 -1.72 0.00	41.96 -1.43 0.00	37.55 -1.16 0.00	34.66 -0.60 0.00	30.82 -0.63 0.00
KATONAH___115KV_46KV_TB4 355592	35.98 2.54 0.00	33.34 2.35 0.00	30.05 2.07 0.00	27.92 1.83 0.00	27.13 1.77 0.00	27.89 1.82 0.00	26.77 1.84 0.00	26.32 1.77 0.00	28.32 1.98 0.00	31.01 2.32 0.00	33.48 2.51 0.00	36.05 2.64 0.00	38.98 2.89 0.00	41.67 3.58 0.00	43.16 4.03 0.00	44.63 4.13 0.00	51.18 4.91 0.00	56.94 5.32 0.00	57.65 5.24 0.00	50.89 4.41 0.00	47.38 3.69 -0.30	41.76 3.06 0.00	37.58 2.33 0.00	33.65 2.20 0.00
KCE_NY_1 323755	36.18 2.74 0.00	33.59 2.60 0.00	30.22 2.24 0.00	28.19 2.09 0.00	27.51 2.15 0.00	28.22 2.16 0.00	27.04 2.12 0.00	26.47 1.92 0.00	28.50 2.16 0.00	31.04 2.35 0.00	33.33 2.35 0.00	36.05 2.64 0.00	38.84 2.74 0.00	41.33 3.24 0.00	42.46 3.32 0.00	44.06 3.56 0.00	50.53 4.25 0.00	56.58 4.96 0.00	57.76 5.35 0.00	51.12 4.65 0.00	50.95 4.47 -3.08	42.58 3.87 0.00	38.22 2.96 0.00	34.12 2.67 0.00
KCE_NY_6_ESR 323823	33.61 0.17 0.00	31.08 0.09 0.00	28.01 0.03 0.00	26.18 0.08 0.00	25.21 -0.15 0.00	25.96 -0.10 0.00	24.45 -0.47 0.00	24.36 -0.20 0.00	26.21 -0.13 0.00	28.38 -0.31 0.00	31.69 0.71 0.00	34.14 0.73 0.00	37.14 1.05 0.00	40.11 2.02 0.00	40.93 1.80 0.00	42.00 1.50 0.00	48.13 1.85 0.00	54.05 2.43 0.00	54.97 2.57 0.00	48.61 2.14 0.00	45.13 1.74 0.00	40.95 2.24 0.00	36.91 1.66 0.00	32.36 0.91 0.00
KEDC_PORT_JEFF_GT2 24210	38.51 3.14 -1.93	37.91 2.82 -4.10	36.92 2.49 -6.45	34.43 2.24 -6.09	32.92 2.20 -5.36	32.76 2.27 -4.43	27.32 2.29 -0.11	29.99 2.23 -3.20	35.30 2.45 -6.51	36.78 2.67 -5.42	33.93 2.82 -0.14	37.15 3.01 -0.73	39.11 2.99 -0.03	41.55 3.43 -0.03	42.93 3.79 0.00	44.80 4.29 -0.01	57.72 4.77 -6.67	66.67 5.06 -9.99	57.30 4.87 -0.01	50.95 4.46 -0.01	47.52 3.82 -0.30	41.81 3.10 0.00	37.33 2.08 0.00	33.68 2.23 0.00
KEDC_PORT_JEFF_GT3 24211	38.51 3.14 -1.93	37.91 2.82 -4.10	36.92 2.49 -6.45	34.43 2.24 -6.09	32.92 2.20 -5.36	32.76 2.27 -4.43	27.32 2.29 -0.11	29.99 2.23 -3.20	35.30 2.45 -6.51	36.78 2.67 -5.42	33.93 2.82 -0.14	37.15 3.01 -0.73	39.11 2.99 -0.03	41.55 3.43 -0.03	42.93 3.79 0.00	44.80 4.29 -0.01	57.72 4.77 -6.67	66.67 5.06 -9.99	57.30 4.87 -0.01	50.95 4.46 -0.01	47.52 3.82 -0.30	41.81 3.10 0.00	37.33 2.08 0.00	33.68 2.23 0.00
KEDC_GLWD_GT4 24219	38.58 3.21 -1.93	38.03 2.94 -4.10	37.00 2.57 -6.45	34.51 2.32 -6.09	32.97 2.26 -5.36	32.81 2.32 -4.43	27.35 2.32 -0.11	29.99 2.23 -3.20	35.38 2.53 -6.51	36.98 2.87 -5.42	34.21 3.10 -0.14	37.48 3.34 -0.73	39.79 3.47 -0.23	42.25 3.92 -0.23	43.44 4.30 0.00	45.03 4.53 0.00	51.23 4.95 0.00	56.78 5.16 0.00	57.39 4.98 0.00	50.70 4.23 0.00	47.33 3.65 -0.29	42.42 3.72 0.00	38.04 2.78 0.00	34.15 2.70 0.00
KEDC_GLWD_GT5 24220	38.58 3.21 -1.93	38.03 2.94 -4.10	37.00 2.57 -6.45	34.51 2.32 -6.09	32.97 2.26 -5.36	32.81 2.32 -4.43	27.35 2.32 -0.11	29.99 2.23 -3.20	35.38 2.53 -6.51	36.98 2.87 -5.42	34.21 3.10 -0.14	37.48 3.34 -0.73	39.79 3.47 -0.23	42.25 3.92 -0.23	43.44 4.30 0.00	45.03 4.53 0.00	51.23 4.95 0.00	56.78 5.16 0.00	57.39 4.98 0.00	50.70 4.23 0.00	47.33 3.65 -0.29	42.42 3.72 0.00	38.04 2.78 0.00	34.15 2.70 0.00

KENSICO____ 23655	35.78 2.34 0.00	33.12 2.14 0.00	29.88 1.90 0.00	27.79 1.70 0.00	27.00 1.65 0.00	27.75 1.69 0.00	26.67 1.74 0.00	26.22 1.67 0.00	28.24 1.90 0.00	30.84 2.15 0.00	33.27 2.29 0.00	35.75 2.34 0.00	38.58 2.49 0.00	41.10 3.01 0.00	42.50 3.37 0.00	43.94 3.44 0.00	50.21 3.93 0.00	55.85 4.23 0.00	56.44 4.04 0.00	49.96 3.49 0.00	46.81 3.12 -0.29	41.42 2.71 0.00	37.41 2.15 0.00	33.52 2.08 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	35.78 2.34 0.00	33.15 2.17 0.00	29.91 1.93 0.00	27.79 1.70 0.00	27.00 1.65 0.00	27.70 1.64 0.00	26.55 1.62 0.00	26.05 1.50 0.00	28.08 1.74 0.00	30.67 1.98 0.00	33.08 2.11 0.00	35.51 2.10 0.00	38.40 2.31 0.00	40.84 2.74 0.00	42.22 3.09 0.00	43.66 3.16 0.00	50.03 3.75 0.00	55.80 4.18 0.00	56.70 4.30 0.00	50.28 3.81 0.00	47.20 3.43 -0.37	41.65 2.94 0.00	37.51 2.26 0.00	33.58 2.14 0.00
KIAC_JFK_GT1 23816	35.98 2.54 0.00	33.31 2.32 0.00	30.14 2.15 0.00	27.98 1.88 0.00	27.16 1.80 0.00	27.94 1.88 0.00	26.87 1.94 0.00	26.47 1.92 0.00	28.60 2.27 0.00	31.07 2.38 0.00	33.55 2.57 0.00	36.02 2.61 0.00	38.87 2.78 0.00	41.48 3.39 0.00	42.89 3.76 0.00	44.27 3.77 0.00	50.53 4.26 0.00	56.22 4.59 0.00	56.86 4.45 0.00	50.28 3.81 0.00	47.16 3.47 -0.29	41.84 3.14 0.00	37.76 2.50 0.00	33.90 2.45 0.00
KIAC_JFK_GT2 23817	35.98 2.54 0.00	33.31 2.32 0.00	30.14 2.15 0.00	27.98 1.88 0.00	27.16 1.80 0.00	27.94 1.88 0.00	26.87 1.94 0.00	26.47 1.92 0.00	28.60 2.27 0.00	31.07 2.38 0.00	33.55 2.57 0.00	36.02 2.61 0.00	38.87 2.78 0.00	41.48 3.39 0.00	42.89 3.76 0.00	44.27 3.77 0.00	50.53 4.26 0.00	56.22 4.59 0.00	56.86 4.45 0.00	50.28 3.81 0.00	47.16 3.47 -0.29	41.84 3.14 0.00	37.76 2.50 0.00	33.90 2.45 0.00
KIAC_JFK____ 323774	35.98 2.54 0.00	33.31 2.32 0.00	30.14 2.15 0.00	27.98 1.88 0.00	27.16 1.80 0.00	27.94 1.88 0.00	26.87 1.95 0.00	26.47 1.92 0.00	28.61 2.27 0.00	31.07 2.38 0.00	33.48 2.51 0.00	36.02 2.61 0.00	38.87 2.78 0.00	41.48 3.39 0.00	42.89 3.76 0.00	44.27 3.77 0.00	50.53 4.25 0.00	56.16 4.54 0.00	56.81 4.40 0.00	50.28 3.81 0.00	47.16 3.47 -0.29	41.99 3.29 0.00	37.72 2.47 0.00	33.90 2.45 0.00
KINTIGH____ 23543	32.97 -0.47 0.00	30.49 -0.50 0.00	27.48 -0.50 0.00	25.68 -0.42 0.00	24.75 -0.61 0.00	25.49 -0.57 0.00	24.08 -0.85 0.00	23.89 -0.66 0.00	25.65 -0.68 0.00	27.86 -0.83 0.00	30.51 -0.46 0.00	33.31 -0.10 0.00	36.17 0.07 0.00	38.89 0.80 0.00	39.68 0.55 0.00	40.90 0.40 0.00	46.83 0.56 0.00	52.45 0.83 0.00	53.35 0.94 0.00	47.26 0.79 0.00	44.00 0.61 0.00	39.83 1.12 0.00	35.96 0.71 0.00	31.63 0.19 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	33.61 0.17 0.00	31.32 0.34 0.00	28.21 0.22 0.00	26.25 0.16 0.00	25.56 0.20 0.00	26.37 0.31 0.00	25.42 0.50 0.00	25.22 0.66 0.00	26.92 0.58 0.00	29.29 0.60 0.00	31.66 0.68 0.00	34.11 0.70 0.00	36.74 0.65 0.00	37.64 -0.46 0.00	38.54 -0.59 0.00	39.89 -0.61 0.00	45.54 -0.74 0.00	49.56 -2.06 0.00	50.47 -1.94 0.00	45.59 -0.88 0.00	42.92 -0.48 0.00	38.90 0.19 0.00	35.57 0.32 0.00	31.60 0.16 0.00
LACHUTE____HYDRO 323717	38.46 5.01 0.00	35.72 4.74 0.00	31.93 3.95 0.00	29.72 3.63 0.00	29.16 3.80 0.00	29.94 3.88 0.00	28.66 3.74 0.00	28.02 3.46 0.00	30.34 4.00 0.00	33.14 4.45 0.00	35.40 4.43 0.00	38.46 5.05 0.00	41.33 5.23 0.00	44.07 5.98 0.00	45.08 5.95 0.00	46.70 6.20 0.00	53.73 7.45 0.00	60.50 8.88 0.00	62.31 9.91 0.00	55.11 8.64 0.00	55.03 8.46 -3.18	46.18 7.47 0.00	41.11 5.85 0.00	36.47 5.03 0.00
LAWRNCV_115KV_TB1 80681	32.60 -0.94 -0.10	30.24 -0.77 -0.03	27.28 -0.70 0.00	25.39 -0.70 0.00	24.70 -0.66 0.00	25.41 -0.65 0.00	24.40 -0.52 0.00	24.06 -0.49 0.00	25.71 -0.63 0.00	27.97 -0.72 0.00	30.17 -0.81 0.00	32.60 -0.87 -0.06	35.11 -1.05 -0.06	36.59 -1.60 -0.09	37.40 -1.76 -0.03	38.03 -2.47 0.00	43.41 -2.87 0.00	48.16 -3.46 0.00	49.06 -3.41 -0.06	43.90 -2.79 -0.22	41.24 -2.34 -0.20	37.48 -1.43 -0.20	34.47 -1.02 -0.24	30.55 -0.94 -0.05
LEDERLE____ 23769	35.68 2.24 0.00	33.06 2.08 0.00	29.86 1.87 0.00	27.74 1.64 0.00	26.98 1.62 0.00	27.70 1.64 0.00	26.60 1.67 0.00	26.17 1.62 0.00	28.21 1.87 0.00	30.76 2.07 0.00	33.17 2.20 0.00	35.61 2.21 0.00	38.48 2.38 0.00	40.99 2.90 0.00	42.38 3.25 0.00	43.78 3.28 0.00	50.07 3.79 0.00	55.75 4.13 0.00	56.39 3.98 0.00	49.91 3.44 0.00	46.75 3.08 -0.28	41.38 2.67 0.00	37.30 2.04 0.00	33.46 2.01 0.00
LIGHTHSE_115KV_TB6 355974	34.08 -0.20 -0.84	31.01 -0.22 -0.25	27.73 -0.25 0.00	25.84 -0.26 0.00	25.08 -0.28 0.00	25.77 -0.29 0.00	24.58 -0.35 0.00	24.26 -0.29 0.00	25.92 -0.42 0.00	28.26 -0.43 0.00	30.54 -0.43 0.00	33.52 -0.40 -0.51	36.24 -0.40 -0.54	38.65 -0.23 -0.78	39.00 -0.39 -0.26	40.09 -0.40 0.00	45.68 -0.60 0.00	51.21 -0.41 0.00	52.79 -0.16 -0.54	48.28 -0.05 -1.85	45.15 0.09 -1.67	40.59 0.15 -1.72	37.30 0.00 -2.05	31.68 -0.16 -0.39
LINDEN COGEN____ 23786	35.95 2.51 0.00	33.28 2.29 0.00	29.97 1.99 0.00	27.85 1.75 0.00	27.06 1.70 0.00	27.86 1.80 0.00	26.77 1.84 0.00	26.27 1.72 0.00	28.34 2.00 0.00	30.96 2.27 0.00	33.36 2.39 0.00	35.92 2.51 0.00	38.76 2.67 0.00	41.33 3.24 0.00	42.66 3.52 0.00	43.90 3.40 0.00	45.48 3.80 4.59	46.94 4.03 8.71	45.45 3.82 10.78	45.07 3.35 4.75	43.94 3.04 2.49	41.73 3.02 0.00	37.58 2.33 0.00	33.71 2.27 0.00
LINDHRST_69_KV_BK1 356055	38.81 3.44 -1.93	38.22 3.13 -4.10	37.20 2.77 -6.45	34.67 2.48 -6.09	33.12 2.41 -5.36	33.00 2.50 -4.43	27.52 2.49 -0.11	30.16 2.41 -3.20	35.53 2.69 -6.51	37.09 2.98 -5.42	34.43 3.31 -0.14	37.65 3.51 -0.73	39.69 3.54 -0.05	41.96 3.81 -0.05	43.36 4.23 0.00	45.12 4.62 0.00	52.24 5.46 -0.50	58.21 5.83 -0.75	57.91 5.50 0.00	51.35 4.88 0.00	47.94 4.25 -0.29	42.43 3.72 -0.01	38.15 2.89 0.00	34.24 2.80 0.00
LIPA_MISC_IPP 23656	38.31 2.94 -1.93	37.75 2.66 -4.10	36.75 2.32 -6.45	34.35 2.17 -6.09	32.84 2.13 -5.36	32.71 2.22 -4.43	27.30 2.27 -0.11	29.94 2.19 -3.20	35.22 2.37 -6.51	36.64 2.52 -5.42	33.97 2.85 -0.14	37.14 3.01 -0.73	39.12 3.00 -0.03	41.43 3.31 -0.03	42.85 3.72 0.00	44.92 4.41 -0.01	57.13 5.23 -5.63	65.67 5.63 -8.43	57.71 5.29 -0.01	51.04 4.55 -0.01	47.60 3.91 -0.30	41.65 2.94 0.00	37.26 2.01 0.00	33.55 2.11 0.00
LISF__SOLAR 323691	38.41 3.04 -1.93	37.84 2.76 -4.10	36.83 2.41 -6.45	34.43 2.24 -6.09	32.90 2.18 -5.36	32.76 2.27 -4.43	27.35 2.32 -0.11	29.99 2.23 -3.20	35.27 2.42 -6.51	36.69 2.58 -5.42	33.96 2.85 -0.14	37.21 3.07 -0.73	39.23 3.10 -0.03	41.62 3.50 -0.03	42.97 3.84 0.00	45.04 4.53 -0.01	57.35 5.37 -5.71	65.95 5.78 -8.55	58.03 5.61 -0.01	51.27 4.79 -0.01	47.77 4.08 -0.30	41.92 3.21 0.00	37.33 2.08 0.00	33.61 2.17 0.00

LITTLE FALLS___HYD 24013	33.91 0.47 0.00	31.39 0.40 0.00	28.35 0.36 0.00	26.44 0.34 0.00	25.69 0.33 0.00	26.37 0.31 0.00	25.20 0.27 0.00	24.82 0.27 0.00	26.63 0.29 0.00	29.03 0.34 0.00	31.35 0.37 0.00	33.84 0.43 0.00	36.53 0.43 0.00	38.67 0.57 0.00	39.64 0.51 0.00	40.94 0.45 0.00	46.74 0.46 0.00	52.14 0.52 0.00	52.98 0.58 0.00	47.08 0.60 0.00	43.96 0.56 0.00	39.25 0.54 0.00	35.61 0.35 0.00	31.76 0.31 0.00
LITTLRIV_115KV_TB1 356100	32.95 -0.60 -0.11	30.58 -0.43 -0.03	27.56 -0.42 0.00	25.65 -0.44 0.00	24.95 -0.41 0.00	25.67 -0.39 0.00	24.63 -0.30 0.00	24.28 -0.27 0.00	25.92 -0.42 0.00	28.15 -0.55 0.00	30.32 -0.65 0.00	32.81 -0.67 -0.06	35.33 -0.83 -0.07	36.78 -1.41 -0.10	37.56 -1.60 -0.03	38.23 -2.27 0.00	43.64 -2.64 0.00	48.47 -3.15 0.00	49.54 -2.93 -0.07	44.43 -2.28 -0.23	41.78 -1.82 -0.21	37.96 -0.97 -0.22	34.88 -0.63 -0.26	30.90 -0.60 -0.05
LI_NEWBRDGE___DRP 323616	38.08 2.71 -1.93	37.60 2.51 -4.10	36.67 2.24 -6.45	34.20 2.01 -6.09	32.67 1.95 -5.36	32.50 2.01 -4.43	27.05 2.02 -0.11	29.72 1.96 -3.20	35.06 2.21 -6.51	36.58 2.47 -5.42	33.75 2.63 -0.14	36.84 2.71 -0.73	38.87 2.78 0.00	41.18 3.09 0.00	42.61 3.48 0.00	44.23 3.73 0.00	50.67 4.40 0.00	56.27 4.65 0.00	56.76 4.35 0.00	50.24 3.76 0.00	46.89 3.21 -0.29	41.57 2.86 0.00	37.44 2.19 0.00	33.65 2.20 0.00
LOCKPORT_115KV_TB60_63_64 80432	33.31 -0.13 0.00	30.77 -0.22 0.00	27.73 -0.25 0.00	25.94 -0.16 0.00	24.98 -0.38 0.00	25.72 -0.34 0.00	24.15 -0.77 0.00	23.99 -0.56 0.00	25.79 -0.55 0.00	27.92 -0.77 0.00	30.70 -0.28 0.00	33.61 0.20 0.00	36.49 0.40 0.00	39.47 1.37 0.00	40.19 1.06 0.00	41.31 0.81 0.00	47.34 1.06 0.00	53.07 1.45 0.00	54.03 1.62 0.00	47.87 1.39 0.00	44.52 1.13 0.00	40.41 1.70 0.00	36.42 1.16 0.00	31.98 0.53 0.00
LOCKPORT___CC1 323769	33.28 -0.17 0.00	30.73 -0.25 0.00	27.70 -0.28 0.00	25.92 -0.18 0.00	24.87 -0.48 0.00	25.67 -0.39 0.00	24.13 -0.80 0.00	23.99 -0.56 0.00	25.76 -0.58 0.00	27.92 -0.77 0.00	31.19 0.22 0.00	33.58 0.17 0.00	36.45 0.36 0.00	39.43 1.33 0.00	40.15 1.02 0.00	41.27 0.77 0.00	47.29 1.02 0.00	53.12 1.50 0.00	54.03 1.63 0.00	47.82 1.35 0.00	44.43 1.04 0.00	40.37 1.66 0.00	36.42 1.16 0.00	31.95 0.50 0.00
LOCKPORT___CC2 323770	33.28 -0.17 0.00	30.73 -0.25 0.00	27.70 -0.28 0.00	25.92 -0.18 0.00	24.87 -0.48 0.00	25.67 -0.39 0.00	24.13 -0.80 0.00	23.99 -0.56 0.00	25.76 -0.58 0.00	27.92 -0.77 0.00	31.19 0.22 0.00	33.58 0.17 0.00	36.45 0.36 0.00	39.43 1.33 0.00	40.15 1.02 0.00	41.27 0.77 0.00	47.29 1.02 0.00	53.12 1.50 0.00	54.03 1.63 0.00	47.82 1.35 0.00	44.43 1.04 0.00	40.37 1.66 0.00	36.42 1.16 0.00	31.95 0.50 0.00
LOCKPORT___CC3 323771	33.28 -0.17 0.00	30.73 -0.25 0.00	27.70 -0.28 0.00	25.92 -0.18 0.00	24.87 -0.48 0.00	25.67 -0.39 0.00	24.13 -0.80 0.00	23.99 -0.56 0.00	25.76 -0.58 0.00	27.92 -0.77 0.00	31.19 0.22 0.00	33.58 0.17 0.00	36.45 0.36 0.00	39.43 1.33 0.00	40.15 1.02 0.00	41.27 0.77 0.00	47.29 1.02 0.00	53.12 1.50 0.00	54.03 1.63 0.00	47.82 1.35 0.00	44.43 1.04 0.00	40.37 1.66 0.00	36.42 1.16 0.00	31.95 0.50 0.00
LONG_LAKE_PHOENIX 24014	34.29 -0.33 -1.18	30.96 -0.37 -0.35	27.62 -0.36 0.00	25.76 -0.34 0.00	25.00 -0.35 0.00	25.70 -0.36 0.00	24.50 -0.42 0.00	24.21 -0.34 0.00	25.92 -0.42 0.00	28.29 -0.40 0.00	30.57 -0.40 0.00	33.79 -0.33 -0.72	36.53 -0.32 -0.76	39.11 -0.08 -1.10	39.30 -0.20 -0.36	40.38 -0.12 0.00	46.09 -0.19 0.00	51.57 -0.05 0.00	53.27 0.10 -0.75	49.07 0.00 -2.60	45.74 0.00 -2.35	41.13 0.00 -2.42	38.03 -0.11 -2.88	31.77 -0.22 -0.55
LOVETT___3 23632	35.45 2.01 0.00	32.84 1.86 0.00	29.69 1.71 0.00	27.58 1.49 0.00	26.83 1.47 0.00	27.55 1.49 0.00	26.45 1.52 0.00	26.05 1.50 0.00	28.05 1.71 0.00	30.58 1.89 0.00	32.93 1.95 0.00	35.35 1.94 0.00	38.19 2.09 0.00	40.65 2.55 0.00	42.03 2.90 0.00	43.42 2.92 0.00	49.65 3.38 0.00	55.29 3.67 0.00	55.87 3.46 0.00	49.45 2.97 0.00	46.32 2.65 -0.28	40.99 2.28 0.00	36.98 1.73 0.00	33.20 1.76 0.00
LOVETT___4 23642	35.45 2.01 0.00	32.84 1.86 0.00	29.69 1.71 0.00	27.58 1.49 0.00	26.83 1.47 0.00	27.55 1.49 0.00	26.45 1.52 0.00	26.05 1.50 0.00	28.05 1.71 0.00	30.58 1.89 0.00	32.93 1.95 0.00	35.35 1.94 0.00	38.19 2.09 0.00	40.65 2.55 0.00	42.03 2.90 0.00	43.42 2.92 0.00	49.65 3.38 0.00	55.29 3.67 0.00	55.87 3.46 0.00	49.45 2.97 0.00	46.32 2.65 -0.28	40.99 2.28 0.00	36.98 1.73 0.00	33.20 1.76 0.00
LOVETT___5 23593	35.45 2.01 0.00	32.84 1.86 0.00	29.69 1.71 0.00	27.58 1.49 0.00	26.83 1.47 0.00	27.55 1.49 0.00	26.45 1.52 0.00	26.05 1.50 0.00	28.05 1.71 0.00	30.58 1.89 0.00	32.93 1.95 0.00	35.35 1.94 0.00	38.19 2.09 0.00	40.65 2.55 0.00	42.03 2.90 0.00	43.42 2.92 0.00	49.65 3.38 0.00	55.29 3.67 0.00	55.87 3.46 0.00	49.45 2.97 0.00	46.32 2.65 -0.28	40.99 2.28 0.00	36.98 1.73 0.00	33.20 1.76 0.00
LOWER RAQUET___HYD 24057	32.52 -1.04 -0.11	30.15 -0.87 -0.03	27.20 -0.78 0.00	25.31 -0.78 0.00	24.62 -0.74 0.00	25.33 -0.73 0.00	24.33 -0.60 0.00	23.99 -0.56 0.00	25.63 -0.71 0.00	27.86 -0.83 0.00	30.01 -0.96 0.00	32.48 -1.00 -0.07	35.01 -1.16 -0.07	36.45 -1.75 -0.10	37.25 -1.92 -0.03	37.91 -2.59 0.00	43.22 -3.06 0.00	48.06 -3.56 0.00	48.91 -3.57 -0.07	43.79 -2.93 -0.25	41.14 -2.47 -0.22	36.69 -2.25 -0.23	34.40 -1.13 -0.27	30.46 -1.04 -0.05
LOWER___HUDSON 24059	35.15 1.70 0.00	32.56 1.58 0.00	29.41 1.43 0.00	27.43 1.33 0.00	26.73 1.37 0.00	27.44 1.38 0.00	26.30 1.37 0.00	25.76 1.20 0.00	27.68 1.34 0.00	30.12 1.43 0.00	32.34 1.36 0.00	34.91 1.50 0.00	37.64 1.55 0.00	40.07 1.98 0.00	41.20 2.07 0.00	42.85 2.35 0.00	49.10 2.82 0.00	54.77 3.15 0.00	55.66 3.25 0.00	49.26 2.79 0.00	48.74 2.65 -2.70	40.87 2.17 0.00	36.80 1.55 0.00	32.95 1.51 0.00
LOWVILLE_115KV_TB2 356335	34.06 0.37 -0.25	31.40 0.34 -0.07	28.26 0.28 0.00	26.31 0.21 0.00	25.53 0.18 0.00	26.27 0.21 0.00	25.08 0.15 0.00	24.75 0.20 0.00	26.44 0.11 0.00	28.78 0.09 0.00	31.01 0.03 0.00	33.66 0.10 -0.15	36.33 0.07 -0.16	38.40 0.08 -0.23	38.82 -0.39 -0.08	39.89 -0.61 0.00	45.54 -0.74 0.00	50.90 -0.72 0.00	52.04 -0.52 -0.16	46.94 -0.09 -0.56	43.89 0.00 -0.50	39.38 0.15 -0.52	35.80 -0.07 -0.62	31.40 -0.16 -0.12
LUTHERFT_115KV_GLOB_FND_222 355753	36.18 2.74 0.00	33.55 2.57 0.00	30.19 2.21 0.00	28.16 2.06 0.00	27.49 2.13 0.00	28.22 2.16 0.00	27.02 2.09 0.00	26.44 1.89 0.00	28.47 2.13 0.00	31.04 2.35 0.00	33.33 2.35 0.00	36.02 2.61 0.00	38.80 2.71 0.00	41.29 3.20 0.00	42.42 3.29 0.00	44.02 3.52 0.00	50.49 4.21 0.00	56.52 4.90 0.00	57.65 5.24 0.00	51.07 4.60 0.00	50.90 4.43 -3.08	42.42 3.72 0.00	38.18 2.93 0.00	34.09 2.64 0.00

LUTHERNY_35_KV_BK2 355980	36.18 2.74 0.00	33.59 2.60 0.00	30.22 2.24 0.00	28.18 2.09 0.00	27.51 2.16 0.00	28.22 2.16 0.00	27.04 2.12 0.00	26.47 1.92 0.00	28.50 2.16 0.00	31.04 2.35 0.00	33.36 2.39 0.00	36.05 2.64 0.00	38.84 2.74 0.00	41.33 3.24 0.00	42.46 3.33 0.00	44.06 3.56 0.00	50.53 4.26 0.00	56.58 4.96 0.00	57.75 5.35 0.00	51.12 4.65 0.00	50.95 4.47 -3.08	42.46 3.75 0.00	38.22 2.96 0.00	34.12 2.67 0.00
LWR___OSWEGATCHIE_HYD 23850	33.13 -0.54 -0.22	30.61 -0.43 -0.06	27.53 -0.45 0.00	25.65 -0.44 0.00	24.93 -0.43 0.00	25.64 -0.42 0.00	24.53 -0.40 0.00	24.21 -0.34 0.00	25.84 -0.50 0.00	28.12 -0.57 0.00	30.32 -0.65 0.00	32.84 -0.70 -0.13	35.44 -0.79 -0.14	37.19 -1.10 -0.20	37.83 -1.37 -0.07	38.72 -1.78 0.00	44.19 -2.08 0.00	49.25 -2.37 0.00	50.40 -2.15 -0.14	45.37 -1.58 -0.48	42.53 -1.30 -0.43	38.38 -0.77 -0.45	35.08 -0.71 -0.53	30.82 -0.72 -0.10
LYONS_FALL_HYD 23570	34.23 0.60 -0.18	31.60 0.56 -0.05	28.46 0.48 0.00	26.51 0.42 0.00	25.74 0.38 0.00	26.45 0.39 0.00	25.25 0.32 0.00	24.95 0.39 0.00	26.68 0.34 0.00	29.06 0.37 0.00	31.35 0.37 0.00	33.99 0.47 -0.11	36.72 0.51 -0.12	38.84 0.57 -0.17	39.46 0.28 -0.06	40.66 0.16 0.00	46.42 0.14 0.00	51.88 0.26 0.00	52.94 0.42 -0.12	47.53 0.65 -0.41	44.41 0.65 -0.37	39.70 0.62 -0.38	36.09 0.39 -0.45	31.78 0.25 -0.09
MADISON___COUNTY_LFGE 323628	34.67 1.04 -0.19	32.00 0.96 -0.06	28.79 0.81 0.00	26.85 0.76 0.00	26.04 0.68 0.00	26.76 0.70 0.00	25.55 0.62 0.00	25.22 0.66 0.00	27.00 0.66 0.00	29.44 0.75 0.00	31.78 0.81 0.00	34.53 1.00 -0.12	37.34 1.12 -0.12	39.65 1.37 -0.18	40.44 1.25 -0.06	41.84 1.34 0.00	47.80 1.53 0.00	53.48 1.86 0.00	54.63 2.10 -0.12	48.95 2.04 -0.43	45.64 1.87 -0.39	40.77 1.66 -0.40	37.00 1.27 -0.47	32.57 1.04 -0.09
MALONE___115KV_TB1 356076	32.97 -0.47 0.00	30.67 -0.31 0.00	27.67 -0.31 0.00	25.76 -0.34 0.00	25.05 -0.30 0.00	25.85 -0.21 0.00	24.90 -0.02 0.00	24.65 0.10 0.00	26.37 0.03 0.00	28.66 -0.03 0.00	30.97 0.00 0.00	33.38 -0.03 0.00	35.91 -0.18 0.00	37.18 -0.91 0.00	38.08 -1.06 0.00	39.20 -1.30 0.00	44.75 -1.53 0.00	49.25 -2.37 0.00	50.10 -2.31 0.00	44.89 -1.58 0.00	42.22 -1.17 0.00	38.01 -0.70 0.00	34.83 -0.42 0.00	30.94 -0.50 0.00
MAPLEWOD_115KV_TB3 80458	34.71 1.27 0.00	32.16 1.18 0.00	29.04 1.06 0.00	27.11 1.02 0.00	26.42 1.06 0.00	27.10 1.04 0.00	26.00 1.07 0.00	25.46 0.91 0.00	27.37 1.03 0.00	29.72 1.03 0.00	32.03 1.05 0.00	34.51 1.10 0.00	37.28 1.19 0.00	39.66 1.56 0.00	40.81 1.68 0.00	42.36 1.86 0.00	48.54 2.27 0.00	54.20 2.58 0.00	54.97 2.57 0.00	48.70 2.23 0.00	47.66 2.08 -2.18	40.33 1.63 0.00	36.42 1.16 0.00	32.58 1.13 0.00
MAPLE_RIDGE_WT_1 323574	32.91 -0.54 0.00	30.49 -0.50 0.00	27.53 -0.45 0.00	25.68 -0.42 0.00	24.95 -0.41 0.00	25.64 -0.42 0.00	24.58 -0.35 0.00	24.26 -0.29 0.00	26.05 -0.29 0.00	28.40 -0.29 0.00	30.63 -0.34 0.00	33.01 -0.40 0.00	35.59 -0.51 0.00	37.29 -0.80 0.00	38.23 -0.90 0.00	39.49 -1.01 0.00	45.07 -1.20 0.00	50.64 -0.98 0.00	51.41 -1.00 0.00	45.54 -0.93 0.00	42.48 -0.91 0.00	37.85 -0.85 0.00	34.58 -0.67 0.00	30.85 -0.60 0.00
MAPLE_RIDGE_WT_2 323611	32.91 -0.54 0.00	30.49 -0.50 0.00	27.53 -0.45 0.00	25.68 -0.42 0.00	24.95 -0.41 0.00	25.64 -0.42 0.00	24.58 -0.35 0.00	24.26 -0.29 0.00	26.05 -0.29 0.00	28.40 -0.29 0.00	30.63 -0.34 0.00	33.01 -0.40 0.00	35.59 -0.51 0.00	37.29 -0.80 0.00	38.23 -0.90 0.00	39.49 -1.01 0.00	45.07 -1.20 0.00	50.64 -0.98 0.00	51.41 -1.00 0.00	45.54 -0.93 0.00	42.48 -0.91 0.00	37.85 -0.85 0.00	34.58 -0.67 0.00	30.85 -0.60 0.00
MARBLE_RIVER_WT_PWR 323696	33.11 -0.33 0.00	30.77 -0.22 0.00	27.76 -0.22 0.00	25.84 -0.26 0.00	25.13 -0.23 0.00	25.96 -0.10 0.00	24.98 0.05 0.00	24.73 0.17 0.00	26.47 0.13 0.00	28.81 0.12 0.00	31.10 0.12 0.00	33.54 0.13 0.00	36.13 0.04 0.00	37.18 -0.91 0.00	38.08 -1.05 0.00	39.32 -1.18 0.00	44.89 -1.39 0.00	49.40 -2.22 0.00	50.10 -2.30 0.00	44.98 -1.49 0.00	42.22 -1.17 0.00	37.85 -0.85 0.00	34.94 -0.32 0.00	31.03 -0.41 0.00
MARSHVLE_115KV_TB1 80742	36.59 3.14 0.00	33.86 2.88 0.00	30.47 2.49 0.00	28.39 2.30 0.00	27.69 2.33 0.00	28.46 2.40 0.00	26.99 2.07 0.00	26.49 1.94 0.00	28.21 1.87 0.00	30.35 1.66 0.00	32.55 1.58 0.00	35.15 1.74 0.00	37.97 1.88 0.00	40.42 2.32 0.00	41.48 2.35 0.00	43.01 2.51 0.00	49.79 3.52 0.00	56.52 4.90 0.00	58.59 6.18 0.00	52.33 5.86 0.00	51.76 5.42 -2.94	43.47 4.76 0.00	39.03 3.77 0.00	34.59 3.14 0.00
MARSH_HILL_WT_PWR 323713	34.55 0.97 -0.14	31.83 0.80 -0.04	28.60 0.61 0.00	26.67 0.57 0.00	25.76 0.40 0.00	26.53 0.47 0.00	25.10 0.18 0.00	25.00 0.44 0.00	26.76 0.42 0.00	29.06 0.37 0.00	32.03 1.05 0.00	34.63 1.14 -0.08	37.63 1.45 -0.09	40.47 2.25 -0.13	41.13 1.96 -0.04	42.32 1.82 0.00	48.54 2.27 0.00	54.77 3.15 0.00	56.16 3.67 -0.09	49.89 3.11 -0.30	46.36 2.69 -0.27	41.85 2.86 -0.28	37.78 2.19 -0.34	32.92 1.42 -0.06
MCINTYRE_115KV_TB2 80467	33.11 -0.33 0.00	30.80 -0.19 0.00	27.79 -0.20 0.00	25.89 -0.21 0.00	25.15 -0.20 0.00	25.88 -0.18 0.00	24.83 -0.10 0.00	24.46 -0.10 0.00	26.05 -0.29 0.00	28.26 -0.43 0.00	30.45 -0.53 0.00	32.84 -0.57 0.00	35.41 -0.69 0.00	36.80 -1.30 0.00	37.68 -1.45 0.00	38.39 -2.11 0.00	43.87 -2.41 0.00	48.78 -2.84 0.00	49.84 -2.57 0.00	44.57 -1.91 0.00	41.96 -1.43 0.00	38.09 -0.62 0.00	34.94 -0.32 0.00	31.13 -0.31 0.00
MECO_____69_KV_BK1 80468	38.06 4.62 0.00	35.26 4.28 0.00	31.59 3.61 0.00	29.41 3.31 0.00	28.78 3.42 0.00	29.55 3.49 0.00	28.19 3.27 0.00	27.79 3.24 0.00	29.97 3.63 0.00	32.36 3.67 0.00	34.69 3.72 0.00	37.42 4.01 0.00	40.53 4.44 0.00	43.35 5.26 0.00	44.49 5.36 0.00	46.13 5.63 0.00	53.31 7.03 0.00	60.76 9.14 0.00	62.47 10.06 0.00	55.21 8.74 0.00	54.46 7.94 -3.13	45.71 7.01 0.00	40.82 5.57 0.00	36.10 4.65 0.00
MENANDS___115KV_TB5 355628	34.48 1.04 0.00	31.94 0.96 0.00	28.85 0.87 0.00	26.96 0.86 0.00	26.24 0.89 0.00	26.95 0.89 0.00	25.87 0.95 0.00	25.31 0.76 0.00	27.21 0.87 0.00	29.55 0.86 0.00	31.84 0.87 0.00	34.31 0.90 0.00	37.07 0.97 0.00	39.39 1.30 0.00	40.54 1.41 0.00	42.12 1.62 0.00	48.22 1.94 0.00	53.79 2.17 0.00	54.56 2.15 0.00	48.28 1.81 0.00	47.18 1.69 -2.09	39.94 1.24 0.00	36.10 0.85 0.00	32.32 0.88 0.00
MG INDUSTRY___DRP 24185	34.38 0.94 0.00	31.88 0.90 0.00	28.79 0.81 0.00	26.88 0.78 0.00	26.19 0.84 0.00	26.89 0.83 0.00	25.75 0.82 0.00	25.19 0.64 0.00	27.02 0.68 0.00	29.32 0.63 0.00	31.56 0.59 0.00	34.01 0.60 0.00	36.74 0.65 0.00	39.01 0.91 0.00	40.15 1.02 0.00	41.67 1.17 0.00	47.71 1.43 0.00	53.32 1.70 0.00	54.19 1.78 0.00	48.01 1.53 0.00	46.15 1.48 -1.28	39.83 1.12 0.00	36.03 0.78 0.00	32.26 0.82 0.00

MID___OSWEGATCHIE_HYD 23849	33.13 -0.54 -0.22	30.61 -0.43 -0.06	27.53 -0.45 0.00	25.65 -0.44 0.00	24.93 -0.43 0.00	25.64 -0.42 0.00	24.53 -0.40 0.00	24.21 -0.34 0.00	25.84 -0.50 0.00	28.12 -0.57 0.00	30.32 -0.65 0.00	32.84 -0.70 -0.13	35.44 -0.79 -0.14	37.19 -1.10 -0.20	37.83 -1.37 -0.07	38.72 -1.78 0.00	44.19 -2.08 0.00	49.25 -2.37 0.00	50.40 -2.15 -0.14	45.37 -1.58 -0.48	42.53 -1.30 -0.43	38.38 -0.77 -0.45	35.08 -0.71 -0.53	30.82 -0.72 -0.10
MID___RAQUETTE_HYD 23851	32.52 -1.04 -0.11	30.15 -0.87 -0.03	27.20 -0.78 0.00	25.31 -0.78 0.00	24.62 -0.74 0.00	25.33 -0.73 0.00	24.33 -0.60 0.00	23.99 -0.56 0.00	25.63 -0.71 0.00	27.86 -0.83 0.00	30.05 -0.93 0.00	32.48 -1.00 -0.07	35.01 -1.15 -0.07	36.45 -1.75 -0.10	37.25 -1.92 -0.03	37.91 -2.59 0.00	43.22 -3.05 0.00	47.96 -3.67 0.00	48.91 -3.56 -0.07	43.79 -2.93 -0.25	41.14 -2.47 -0.22	37.39 -1.55 -0.23	34.40 -1.13 -0.27	30.46 -1.04 -0.05
MILLIKEN___1 23584	34.75 0.90 -0.41	31.88 0.77 -0.12	28.63 0.64 0.00	26.67 0.57 0.00	25.86 0.51 0.00	26.61 0.55 0.00	25.35 0.42 0.00	25.09 0.54 0.00	26.84 0.50 0.00	29.24 0.55 0.00	31.59 0.62 0.00	34.46 0.80 -0.25	37.29 0.94 -0.26	39.80 1.33 -0.38	40.51 1.25 -0.12	41.84 1.34 0.00	47.90 1.62 0.00	53.79 2.17 0.00	55.18 2.52 -0.26	49.60 2.23 -0.90	46.28 2.08 -0.81	41.36 1.82 -0.84	37.66 1.41 -0.99	32.70 1.07 -0.19
MILLIKEN___2 23585	34.75 0.90 -0.41	31.88 0.77 -0.12	28.63 0.64 0.00	26.67 0.57 0.00	25.86 0.51 0.00	26.61 0.55 0.00	25.35 0.42 0.00	25.09 0.54 0.00	26.84 0.50 0.00	29.24 0.55 0.00	31.59 0.62 0.00	34.46 0.80 -0.25	37.29 0.94 -0.26	39.80 1.33 -0.38	40.51 1.25 -0.12	41.84 1.34 0.00	47.90 1.62 0.00	53.79 2.17 0.00	55.18 2.52 -0.26	49.60 2.23 -0.90	46.28 2.08 -0.81	41.36 1.82 -0.84	37.66 1.41 -0.99	32.70 1.07 -0.19
MILLIKEN___DIESEL 23629	34.75 0.90 -0.41	31.88 0.77 -0.12	28.63 0.64 0.00	26.67 0.57 0.00	25.86 0.51 0.00	26.61 0.55 0.00	25.35 0.42 0.00	25.09 0.54 0.00	26.84 0.50 0.00	29.24 0.55 0.00	31.59 0.62 0.00	34.46 0.80 -0.25	37.29 0.94 -0.26	39.80 1.33 -0.38	40.51 1.25 -0.12	41.84 1.34 0.00	47.90 1.62 0.00	53.79 2.17 0.00	55.18 2.52 -0.26	49.60 2.23 -0.90	46.28 2.08 -0.81	41.36 1.82 -0.84	37.66 1.41 -0.99	32.70 1.07 -0.19
MILLSEAT___LFGE 323607	33.84 0.40 0.00	31.26 0.28 0.00	28.12 0.14 0.00	26.30 0.21 0.00	25.28 -0.08 0.00	26.11 0.05 0.00	24.53 -0.40 0.00	24.43 -0.12 0.00	26.18 -0.16 0.00	28.38 -0.31 0.00	31.65 0.68 0.00	34.08 0.67 0.00	37.00 0.90 0.00	40.04 1.94 0.00	40.77 1.64 0.00	41.96 1.46 0.00	48.08 1.80 0.00	54.10 2.48 0.00	55.23 2.83 0.00	48.84 2.37 0.00	45.52 2.13 0.00	41.22 2.51 0.00	37.09 1.83 0.00	32.51 1.07 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	35.68 2.24 0.00	33.06 2.08 0.00	29.83 1.85 0.00	27.74 1.64 0.00	26.95 1.60 0.00	27.70 1.64 0.00	26.60 1.67 0.00	26.15 1.60 0.00	28.16 1.82 0.00	30.76 2.07 0.00	33.17 2.20 0.00	35.65 2.24 0.00	38.48 2.38 0.00	40.99 2.90 0.00	42.38 3.25 0.00	43.82 3.32 0.00	50.12 3.84 0.00	55.75 4.13 0.00	56.39 3.98 0.00	49.86 3.39 0.00	46.72 3.04 -0.29	41.34 2.63 0.00	37.30 2.04 0.00	33.43 1.98 0.00
MILLWOOD_13_KV_LOAD 356217	35.82 2.37 0.00	33.21 2.23 0.00	29.94 1.96 0.00	27.82 1.72 0.00	27.06 1.70 0.00	27.78 1.72 0.00	26.70 1.77 0.00	26.25 1.69 0.00	28.26 1.92 0.00	30.87 2.18 0.00	33.30 2.32 0.00	35.82 2.41 0.00	38.69 2.60 0.00	41.26 3.16 0.00	42.69 3.56 0.00	44.14 3.64 0.00	50.53 4.26 0.00	56.27 4.65 0.00	56.91 4.51 0.00	50.33 3.86 0.00	46.98 3.30 -0.29	41.53 2.83 0.00	37.44 2.19 0.00	33.55 2.11 0.00
MODEL_CITY_ENERGY 24167	32.97 -0.47 0.00	30.49 -0.50 0.00	27.48 -0.50 0.00	25.71 -0.39 0.00	24.65 -0.71 0.00	25.49 -0.57 0.00	23.90 -1.02 0.00	23.74 -0.81 0.00	25.50 -0.84 0.00	27.63 -1.06 0.00	30.88 -0.09 0.00	33.24 -0.17 0.00	36.09 0.00 0.00	39.01 0.91 0.00	39.76 0.62 0.00	40.86 0.36 0.00	46.79 0.51 0.00	52.55 0.93 0.00	53.45 1.05 0.00	47.26 0.79 0.00	43.96 0.56 0.00	39.94 1.24 0.00	36.03 0.77 0.00	31.63 0.19 0.00
MODERN_LFGE___ 323580	32.97 -0.47 0.00	30.49 -0.50 0.00	27.48 -0.50 0.00	25.71 -0.39 0.00	24.65 -0.71 0.00	25.49 -0.57 0.00	23.90 -1.02 0.00	23.74 -0.81 0.00	25.50 -0.84 0.00	27.63 -1.06 0.00	30.88 -0.09 0.00	33.24 -0.17 0.00	36.09 0.00 0.00	39.01 0.91 0.00	39.76 0.62 0.00	40.86 0.36 0.00	46.79 0.51 0.00	52.55 0.93 0.00	53.45 1.05 0.00	47.26 0.79 0.00	43.96 0.56 0.00	39.94 1.24 0.00	36.03 0.77 0.00	31.63 0.19 0.00
MOHAWK_PAPER___DRP 24187	34.71 1.27 0.00	32.16 1.18 0.00	29.04 1.06 0.00	27.11 1.02 0.00	26.42 1.06 0.00	27.10 1.04 0.00	26.00 1.07 0.00	25.46 0.91 0.00	27.37 1.03 0.00	29.72 1.03 0.00	32.03 1.05 0.00	34.51 1.10 0.00	37.28 1.19 0.00	39.66 1.56 0.00	40.81 1.68 0.00	42.36 1.86 0.00	48.54 2.27 0.00	54.20 2.58 0.00	54.97 2.57 0.00	48.70 2.23 0.00	47.66 2.08 -2.18	40.33 1.63 0.00	36.42 1.16 0.00	32.58 1.13 0.00
MOHICAN___35_KV_115KV_LD 80490	36.79 3.34 0.00	34.11 3.13 0.00	30.64 2.66 0.00	28.55 2.45 0.00	27.92 2.56 0.00	28.67 2.61 0.00	27.44 2.52 0.00	26.86 2.31 0.00	28.97 2.63 0.00	31.62 2.93 0.00	33.82 2.85 0.00	36.58 3.17 0.00	39.31 3.21 0.00	41.87 3.77 0.00	42.93 3.80 0.00	44.55 4.05 0.00	51.14 4.86 0.00	57.35 5.73 0.00	58.85 6.45 0.00	52.10 5.62 0.00	52.11 5.55 -3.16	43.47 4.76 0.00	38.99 3.74 0.00	34.71 3.27 0.00
MONGAUP___HYD 23641	35.45 2.01 0.00	32.90 1.92 0.00	29.69 1.71 0.00	27.58 1.49 0.00	26.83 1.47 0.00	27.52 1.46 0.00	26.35 1.42 0.00	25.83 1.28 0.00	27.79 1.45 0.00	30.27 1.58 0.00	32.55 1.58 0.00	35.01 1.60 0.00	37.86 1.77 0.00	40.23 2.13 0.00	41.56 2.43 0.00	43.05 2.55 0.00	49.24 2.96 0.00	54.97 3.35 0.00	56.13 3.72 0.00	49.82 3.35 0.00	46.78 3.13 -0.26	41.41 2.71 0.00	37.23 1.97 0.00	33.33 1.89 0.00
MONTAUK___DIESEL 23721	38.81 3.44 -1.93	38.25 3.16 -4.10	37.14 2.71 -6.45	34.67 2.48 -6.09	33.17 2.46 -5.36	33.15 2.66 -4.43	27.97 2.94 -0.11	30.67 2.92 -3.20	36.09 3.24 -6.51	37.67 3.56 -5.42	35.51 4.40 -0.14	38.88 4.74 -0.73	40.96 4.84 -0.03	43.30 5.18 -0.03	44.73 5.60 0.00	46.91 6.40 -0.01	59.80 7.87 -5.66	68.57 8.47 -8.48	60.54 8.12 -0.01	52.66 6.18 -0.01	48.86 5.16 -0.30	42.66 3.95 0.00	37.93 2.68 0.00	34.02 2.58 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	34.48 1.04 0.00	31.88 0.90 0.00	28.74 0.76 0.00	26.83 0.73 0.00	25.84 0.48 0.00	26.61 0.55 0.00	25.13 0.20 0.00	25.14 0.59 0.00	27.13 0.79 0.00	29.35 0.66 0.00	32.34 1.36 0.00	35.35 1.94 0.00	38.48 2.38 0.00	41.56 3.47 0.00	42.30 3.17 0.00	43.33 2.83 0.00	49.56 3.29 0.00	55.80 4.18 0.00	56.34 3.93 0.00	49.86 3.39 0.00	46.17 2.78 0.00	41.96 3.25 0.00	37.79 2.54 0.00	33.05 1.60 0.00

MORTIMER_115KV_TB3 55949	33.54 0.10 0.00	31.01 0.03 0.00	27.90 -0.08 0.00	26.04 -0.05 0.00	25.15 -0.20 0.00	25.90 -0.16 0.00	24.53 -0.40 0.00	24.38 -0.17 0.00	26.13 -0.21 0.00	28.43 -0.26 0.00	31.07 0.09 0.00	33.81 0.40 0.00	36.71 0.61 0.00	39.39 1.30 0.00	40.19 1.06 0.00	41.55 1.05 0.00	47.48 1.20 0.00	53.32 1.70 0.00	54.35 1.94 0.00	48.05 1.58 0.00	44.91 1.52 0.00	40.33 1.63 0.00	36.38 1.13 0.00	32.04 0.60 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	36.05 2.61 0.00	33.37 2.39 0.00	30.08 2.10 0.00	27.95 1.85 0.00	27.16 1.80 0.00	27.91 1.85 0.00	26.82 1.89 0.00	26.37 1.82 0.00	28.42 2.08 0.00	31.04 2.35 0.00	33.51 2.54 0.00	36.02 2.61 0.00	38.84 2.74 0.00	41.41 3.31 0.00	42.81 3.68 0.00	44.14 3.64 0.00	50.40 4.12 0.00	56.06 4.44 0.00	56.65 4.24 0.00	50.14 3.67 0.00	47.03 3.34 -0.29	41.73 3.02 0.00	37.69 2.43 0.00	33.80 2.36 0.00
MUNSVILLE_WIND_PWR 323609	36.91 3.21 -0.26	34.06 3.00 -0.08	30.61 2.63 0.00	28.50 2.40 0.00	27.61 2.26 0.00	28.41 2.35 0.00	27.02 2.09 0.00	26.84 2.28 0.00	28.63 2.29 0.00	31.13 2.44 0.00	33.67 2.69 0.00	36.61 3.04 -0.16	39.62 3.36 -0.17	42.14 3.81 -0.24	42.81 3.60 -0.08	44.22 3.72 0.00	50.63 4.35 0.00	56.99 5.37 0.00	58.60 6.02 -0.16	52.94 5.90 -0.57	49.48 5.38 -0.70	44.19 4.96 -0.53	39.87 3.98 -0.63	34.80 3.24 -0.12
N SALMON___HYD 24042	32.97 -0.47 0.00	30.67 -0.31 0.00	27.67 -0.31 0.00	25.76 -0.34 0.00	25.05 -0.30 0.00	25.85 -0.21 0.00	24.90 -0.02 0.00	24.65 0.10 0.00	26.37 0.03 0.00	28.66 -0.03 0.00	30.91 -0.06 0.00	33.38 -0.03 0.00	35.95 -0.14 0.00	37.18 -0.91 0.00	38.08 -1.05 0.00	39.20 -1.30 0.00	44.75 -1.53 0.00	49.40 -2.22 0.00	50.10 -2.30 0.00	44.89 -1.58 0.00	42.22 -1.17 0.00	37.66 -1.04 0.00	34.83 -0.42 0.00	30.94 -0.50 0.00
N.AKRON___115KV_KNAPP 355671	33.88 0.43 0.00	31.26 0.28 0.00	28.15 0.17 0.00	26.31 0.21 0.00	25.33 -0.03 0.00	26.11 0.05 0.00	24.55 -0.37 0.00	24.43 -0.12 0.00	26.21 -0.13 0.00	28.40 -0.29 0.00	31.19 0.22 0.00	34.11 0.70 0.00	37.03 0.94 0.00	40.04 1.94 0.00	40.78 1.64 0.00	42.00 1.50 0.00	48.08 1.80 0.00	54.05 2.43 0.00	55.13 2.73 0.00	48.84 2.37 0.00	45.52 2.13 0.00	41.18 2.48 0.00	37.09 1.83 0.00	32.51 1.07 0.00
N.BELMOR_69_KV_BK1 55787	38.55 3.18 -1.93	37.97 2.88 -4.10	36.97 2.55 -6.45	34.46 2.27 -6.09	32.95 2.23 -5.36	32.76 2.27 -4.43	27.30 2.27 -0.11	29.96 2.21 -3.20	35.35 2.50 -6.51	36.92 2.81 -5.42	34.21 3.10 -0.14	37.38 3.24 -0.73	39.55 3.36 -0.10	41.74 3.54 -0.10	43.08 3.95 0.00	44.71 4.21 0.00	51.23 4.95 0.00	56.89 5.27 0.00	57.39 4.98 0.00	50.84 4.37 0.00	47.46 3.78 -0.29	42.19 3.48 0.00	38.00 2.75 0.00	34.09 2.64 0.00
N.E_GEN_SANDY PD 24062	35.15 1.70 0.00	32.56 1.58 0.00	30.20 1.48 -0.74	27.48 1.38 0.00	27.22 1.37 -0.50	27.44 1.38 0.00	26.80 1.39 -0.48	25.83 1.28 0.00	27.73 1.40 0.00	30.18 1.49 0.00	32.40 1.43 0.00	34.91 1.50 0.00	37.68 1.59 0.00	40.11 2.02 0.00	40.46 2.19 0.86	43.83 2.47 -0.86	49.19 2.92 0.00	54.77 3.15 0.00	55.50 3.09 0.00	49.12 2.65 0.00	46.62 2.43 -0.80	40.68 1.97 0.00	36.63 1.37 0.00	32.89 1.45 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	35.55 2.11 0.00	32.93 1.95 0.00	29.74 1.76 0.00	27.64 1.54 0.00	26.88 1.52 0.00	27.60 1.54 0.00	26.50 1.57 0.00	26.08 1.52 0.00	28.10 1.76 0.00	30.64 1.95 0.00	33.02 2.04 0.00	35.45 2.04 0.00	38.30 2.20 0.00	40.76 2.67 0.00	42.14 3.01 0.00	43.58 3.08 0.00	49.79 3.52 0.00	55.44 3.82 0.00	56.08 3.67 0.00	49.63 3.16 0.00	46.49 2.82 -0.28	41.14 2.44 0.00	37.12 1.87 0.00	33.27 1.82 0.00
N.QUEENS_27_KV_LOAD 356247	36.46 3.01 -0.01	33.78 2.79 -0.01	30.42 2.43 -0.01	28.27 2.17 -0.01	27.47 2.10 -0.01	28.21 2.14 -0.01	27.05 2.12 -0.01	26.58 2.01 -0.01	28.59 2.24 -0.01	31.28 2.58 -0.01	33.83 2.85 -0.01	36.39 2.97 -0.01	38.98 2.89 0.00	41.60 3.50 0.00	43.13 3.99 -0.01	44.31 3.81 0.00	50.50 4.21 -0.01	56.33 4.70 -0.01	56.96 4.56 0.01	50.20 3.72 -0.01	47.20 3.51 -0.29	42.15 3.44 0.00	38.19 2.93 -0.01	34.22 2.77 -0.01
N.TROY___115KV_TB1 355778	35.15 1.71 0.00	32.56 1.58 0.00	29.41 1.43 0.00	27.43 1.33 0.00	26.73 1.37 0.00	27.44 1.38 0.00	26.30 1.37 0.00	25.76 1.20 0.00	27.68 1.34 0.00	30.12 1.43 0.00	32.40 1.42 0.00	34.91 1.50 0.00	37.68 1.59 0.00	40.07 1.98 0.00	41.21 2.07 0.00	42.85 2.35 0.00	49.10 2.82 0.00	54.82 3.20 0.00	55.66 3.25 0.00	49.26 2.79 0.00	48.74 2.65 -2.70	40.76 2.05 0.00	36.81 1.55 0.00	32.95 1.51 0.00
NARROWS_GT1_1 24228	36.37 2.91 -0.02	33.66 2.66 -0.01	30.34 2.35 -0.01	28.16 2.06 0.00	27.36 2.00 0.00	28.07 2.01 0.00	26.94 2.02 0.00	26.47 1.92 0.00	28.52 2.18 0.00	31.27 2.58 0.00	33.79 2.76 -0.06	36.37 2.91 -0.06	39.02 2.92 0.00	41.67 3.58 0.00	44.17 4.07 -0.97	44.43 3.93 0.00	113.66 4.40 -62.99	71.04 4.65 -14.77	108.50 4.51 -51.58	67.15 3.90 -16.77	47.39 3.65 -0.35	45.16 3.60 -2.86	38.17 2.85 -0.06	52.70 2.73 -18.52
NARROWS_GT1_2 24229	36.37 2.91 -0.02	33.66 2.66 -0.01	30.34 2.35 -0.01	28.16 2.06 0.00	27.36 2.00 0.00	28.07 2.01 0.00	26.94 2.02 0.00	26.47 1.92 0.00	28.52 2.18 0.00	31.27 2.58 0.00	33.79 2.76 -0.06	36.37 2.91 -0.06	39.02 2.92 0.00	41.67 3.58 0.00	44.17 4.07 -0.97	44.43 3.93 0.00	113.66 4.40 -62.99	71.04 4.65 -14.77	108.50 4.51 -51.58	67.15 3.90 -16.77	47.39 3.65 -0.35	45.16 3.60 -2.86	38.17 2.85 -0.06	52.70 2.73 -18.52
NARROWS_GT1_3 24230	36.37 2.91 -0.02	33.66 2.66 -0.01	30.34 2.35 -0.01	28.16 2.06 0.00	27.36 2.00 0.00	28.07 2.01 0.00	26.94 2.02 0.00	26.47 1.92 0.00	28.52 2.18 0.00	31.27 2.58 0.00	33.79 2.76 -0.06	36.37 2.91 -0.06	39.02 2.92 0.00	41.67 3.58 0.00	44.17 4.07 -0.97	44.43 3.93 0.00	113.66 4.40 -62.99	71.04 4.65 -14.77	108.50 4.51 -51.58	67.15 3.90 -16.77	47.39 3.65 -0.35	45.16 3.60 -2.86	38.17 2.85 -0.06	52.70 2.73 -18.52
NARROWS_GT1_4 24231	36.37 2.91 -0.02	33.66 2.66 -0.01	30.34 2.35 -0.01	28.16 2.06 0.00	27.36 2.00 0.00	28.07 2.01 0.00	26.94 2.02 0.00	26.47 1.92 0.00	28.52 2.18 0.00	31.27 2.58 0.00	33.79 2.76 -0.06	36.37 2.91 -0.06	39.02 2.92 0.00	41.67 3.58 0.00	44.17 4.07 -0.97	44.43 3.93 0.00	113.66 4.40 -62.99	71.04 4.65 -14.77	108.50 4.51 -51.58	67.15 3.90 -16.77	47.39 3.65 -0.35	45.16 3.60 -2.86	38.17 2.85 -0.06	52.70 2.73 -18.52
NARROWS_GT1_5 24232	36.37 2.91 -0.02	33.66 2.66 -0.01	30.34 2.35 -0.01	28.16 2.06 0.00	27.36 2.00 0.00	28.07 2.01 0.00	26.94 2.02 0.00	26.47 1.92 0.00	28.52 2.18 0.00	31.27 2.58 0.00	33.79 2.76 -0.06	36.37 2.91 -0.06	39.02 2.92 0.00	41.67 3.58 0.00	44.17 4.07 -0.97	44.43 3.93 0.00	113.66 4.40 -62.99	71.04 4.65 -14.77	108.50 4.51 -51.58	67.15 3.90 -16.77	47.39 3.65 -0.35	45.16 3.60 -2.86	38.17 2.85 -0.06	52.70 2.73 -18.52

NARROWS_GT1_6 24233	36.37 2.91 -0.02	33.66 2.66 -0.01	30.34 2.35 -0.01	28.16 2.06 0.00	27.36 2.00 0.00	28.07 2.01 0.00	26.94 2.02 0.00	26.47 1.92 0.00	28.52 2.18 0.00	31.27 2.58 0.00	33.79 2.76 -0.06	36.37 2.91 -0.06	39.02 2.92 0.00	41.67 3.58 0.00	44.17 4.07 -0.97	44.43 3.93 0.00	113.66 4.40 -62.99	71.04 4.65 -14.77	108.50 4.51 -51.58	67.15 3.90 -16.77	47.39 3.65 -0.35	45.16 3.60 -2.86	38.17 2.85 -0.06	52.70 2.73 -18.52
NARROWS_GT1_7 24234	36.37 2.91 -0.02	33.66 2.66 -0.01	30.34 2.35 -0.01	28.16 2.06 0.00	27.36 2.00 0.00	28.07 2.01 0.00	26.94 2.02 0.00	26.47 1.92 0.00	28.52 2.18 0.00	31.27 2.58 0.00	33.79 2.76 -0.06	36.37 2.91 -0.06	39.02 2.92 0.00	41.67 3.58 0.00	44.17 4.07 -0.97	44.43 3.93 0.00	113.66 4.40 -62.99	71.04 4.65 -14.77	108.50 4.51 -51.58	67.15 3.90 -16.77	47.39 3.65 -0.35	45.16 3.60 -2.86	38.17 2.85 -0.06	52.70 2.73 -18.52
NARROWS_GT1_8 24235	36.37 2.91 -0.02	33.66 2.66 -0.01	30.34 2.35 -0.01	28.16 2.06 0.00	27.36 2.00 0.00	28.07 2.01 0.00	26.94 2.02 0.00	26.47 1.92 0.00	28.52 2.18 0.00	31.27 2.58 0.00	33.79 2.76 -0.06	36.37 2.91 -0.06	39.02 2.92 0.00	41.67 3.58 0.00	44.17 4.07 -0.97	44.43 3.93 0.00	113.66 4.40 -62.99	71.04 4.65 -14.77	108.50 4.51 -51.58	67.15 3.90 -16.77	47.39 3.65 -0.35	45.16 3.60 -2.86	38.17 2.85 -0.06	52.70 2.73 -18.52
NARROWS_GT2_1 24236	36.37 2.91 -0.02	33.66 2.66 -0.01	30.34 2.35 -0.01	28.16 2.06 0.00	27.36 2.00 0.00	28.07 2.01 0.00	26.94 2.02 0.00	26.47 1.92 0.00	28.52 2.18 0.00	31.27 2.58 0.00	33.79 2.76 -0.06	36.37 2.91 -0.06	39.02 2.92 0.00	41.67 3.58 0.00	44.17 4.07 -0.97	44.43 3.93 0.00	116.46 4.40 -65.78	71.36 4.65 -15.09	110.34 4.51 -53.43	67.89 3.90 -17.51	47.39 3.65 -0.35	45.16 3.60 -2.86	38.17 2.85 -0.06	52.70 2.73 -18.52
NARROWS_GT2_2 24237	36.37 2.91 -0.02	33.66 2.66 -0.01	30.34 2.35 -0.01	28.16 2.06 0.00	27.36 2.00 0.00	28.07 2.01 0.00	26.94 2.02 0.00	26.47 1.92 0.00	28.52 2.18 0.00	31.27 2.58 0.00	33.79 2.76 -0.06	36.37 2.91 -0.06	39.02 2.92 0.00	41.67 3.58 0.00	44.17 4.07 -0.97	44.43 3.93 0.00	116.46 4.40 -65.78	71.36 4.65 -15.09	110.34 4.51 -53.43	67.89 3.90 -17.51	47.39 3.65 -0.35	45.16 3.60 -2.86	38.17 2.85 -0.06	52.70 2.73 -18.52
NARROWS_GT2_3 24238	36.37 2.91 -0.02	33.66 2.66 -0.01	30.34 2.35 -0.01	28.16 2.06 0.00	27.36 2.00 0.00	28.07 2.01 0.00	26.94 2.02 0.00	26.47 1.92 0.00	28.52 2.18 0.00	31.27 2.58 0.00	33.79 2.76 -0.06	36.37 2.91 -0.06	39.02 2.92 0.00	41.67 3.58 0.00	44.17 4.07 -0.97	44.43 3.93 0.00	116.46 4.40 -65.78	71.36 4.65 -15.09	110.34 4.51 -53.43	67.89 3.90 -17.51	47.39 3.65 -0.35	45.16 3.60 -2.86	38.17 2.85 -0.06	52.70 2.73 -18.52
NARROWS_GT2_4 24239	36.37 2.91 -0.02	33.66 2.66 -0.01	30.34 2.35 -0.01	28.16 2.06 0.00	27.36 2.00 0.00	28.07 2.01 0.00	26.94 2.02 0.00	26.47 1.92 0.00	28.52 2.18 0.00	31.27 2.58 0.00	33.79 2.76 -0.06	36.37 2.91 -0.06	39.02 2.92 0.00	41.67 3.58 0.00	44.17 4.07 -0.97	44.43 3.93 0.00	116.46 4.40 -65.78	71.36 4.65 -15.09	110.34 4.51 -53.43	67.89 3.90 -17.51	47.39 3.65 -0.35	45.16 3.60 -2.86	38.17 2.85 -0.06	52.70 2.73 -18.52
NARROWS_GT2_5 24240	36.37 2.91 -0.02	33.66 2.66 -0.01	30.34 2.35 -0.01	28.16 2.06 0.00	27.36 2.00 0.00	28.07 2.01 0.00	26.94 2.02 0.00	26.47 1.92 0.00	28.52 2.18 0.00	31.27 2.58 0.00	33.79 2.76 -0.06	36.37 2.91 -0.06	39.02 2.92 0.00	41.67 3.58 0.00	44.17 4.07 -0.97	44.43 3.93 0.00	116.46 4.40 -65.78	71.36 4.65 -15.09	110.34 4.51 -53.43	67.89 3.90 -17.51	47.39 3.65 -0.35	45.16 3.60 -2.86	38.17 2.85 -0.06	52.70 2.73 -18.52
NARROWS_GT2_6 24241	36.37 2.91 -0.02	33.66 2.66 -0.01	30.34 2.35 -0.01	28.16 2.06 0.00	27.36 2.00 0.00	28.07 2.01 0.00	26.94 2.02 0.00	26.47 1.92 0.00	28.52 2.18 0.00	31.27 2.58 0.00	33.79 2.76 -0.06	36.37 2.91 -0.06	39.02 2.92 0.00	41.67 3.58 0.00	44.17 4.07 -0.97	44.43 3.93 0.00	116.46 4.40 -65.78	71.36 4.65 -15.09	110.34 4.51 -53.43	67.89 3.90 -17.51	47.39 3.65 -0.35	45.16 3.60 -2.86	38.17 2.85 -0.06	52.70 2.73 -18.52
NARROWS_GT2_7 24242	36.37 2.91 -0.02	33.66 2.66 -0.01	30.34 2.35 -0.01	28.16 2.06 0.00	27.36 2.00 0.00	28.07 2.01 0.00	26.94 2.02 0.00	26.47 1.92 0.00	28.52 2.18 0.00	31.27 2.58 0.00	33.79 2.76 -0.06	36.37 2.91 -0.06	39.02 2.92 0.00	41.67 3.58 0.00	44.17 4.07 -0.97	44.43 3.93 0.00	116.46 4.40 -65.78	71.36 4.65 -15.09	110.34 4.51 -53.43	67.89 3.90 -17.51	47.39 3.65 -0.35	45.16 3.60 -2.86	38.17 2.85 -0.06	52.70 2.73 -18.52
NARROWS_GT2_8 24243	36.37 2.91 -0.02	33.66 2.66 -0.01	30.34 2.35 -0.01	28.16 2.06 0.00	27.36 2.00 0.00	28.07 2.01 0.00	26.94 2.02 0.00	26.47 1.92 0.00	28.52 2.18 0.00	31.27 2.58 0.00	33.79 2.76 -0.06	36.37 2.91 -0.06	39.02 2.92 0.00	41.67 3.58 0.00	44.17 4.07 -0.97	44.43 3.93 0.00	116.46 4.40 -65.78	71.36 4.65 -15.09	110.34 4.51 -53.43	67.89 3.90 -17.51	47.39 3.65 -0.35	45.16 3.60 -2.86	38.17 2.85 -0.06	52.70 2.73 -18.52
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	34.95 1.50 0.00	32.44 1.46 0.00	29.24 1.26 0.00	27.27 1.17 0.00	26.62 1.27 0.00	27.26 1.20 0.00	26.12 1.20 0.00	25.44 0.88 0.00	27.34 1.00 0.00	29.58 0.89 0.00	31.81 0.84 0.00	34.28 0.87 0.00	37.03 0.94 0.00	39.31 1.22 0.00	40.50 1.37 0.00	42.08 1.58 0.00	48.45 2.18 0.00	54.41 2.79 0.00	55.60 3.20 0.00	49.35 2.88 0.00	47.10 2.52 -1.19	40.91 2.21 0.00	36.81 1.55 0.00	32.89 1.45 0.00
NCHELSEA_115KV_TR2 355582	35.82 2.37 0.00	33.21 2.23 0.00	29.97 1.99 0.00	27.84 1.75 0.00	27.08 1.72 0.00	27.78 1.72 0.00	26.65 1.72 0.00	26.15 1.60 0.00	28.18 1.84 0.00	30.78 2.09 0.00	33.20 2.23 0.00	35.68 2.27 0.00	38.58 2.49 0.00	41.03 2.93 0.00	42.42 3.29 0.00	43.90 3.40 0.00	50.30 4.03 0.00	56.06 4.44 0.00	56.86 4.45 0.00	50.33 3.86 0.00	47.17 3.47 -0.31	41.61 2.90 0.00	37.51 2.26 0.00	33.58 2.14 0.00
NEG CAPITAL____MECHNVIL 23645	36.05 2.61 0.00	33.43 2.45 0.00	30.11 2.13 0.00	28.05 1.96 0.00	27.39 2.03 0.00	28.12 2.06 0.00	26.92 1.99 0.00	26.37 1.82 0.00	28.40 2.06 0.00	30.93 2.24 0.00	33.21 2.23 0.00	35.92 2.51 0.00	38.73 2.63 0.00	41.22 3.12 0.00	42.34 3.21 0.00	43.98 3.48 0.00	50.44 4.17 0.00	56.42 4.80 0.00	57.55 5.14 0.00	50.93 4.46 0.00	50.64 4.25 -3.00	42.34 3.64 0.00	38.04 2.78 0.00	33.96 2.52 0.00
NEG CENTRAL_HIGH_ACRES 23767	33.07 -0.37 0.00	30.55 -0.43 0.00	27.45 -0.53 0.00	25.63 -0.47 0.00	24.80 -0.56 0.00	25.54 -0.52 0.00	24.23 -0.70 0.00	24.09 -0.47 0.00	25.79 -0.55 0.00	28.12 -0.57 0.00	30.91 -0.06 0.00	33.31 -0.10 0.00	36.13 0.04 0.00	38.74 0.65 0.00	39.48 0.35 0.00	40.86 0.36 0.00	46.69 0.42 0.00	52.50 0.88 0.00	53.51 1.10 0.00	47.26 0.79 0.00	44.13 0.74 0.00	39.60 0.89 0.00	35.75 0.49 0.00	31.48 0.03 0.00

NEG CENTRAL___DRP 24199	34.25 0.40 -0.41	31.41 0.31 -0.12	28.15 0.17 0.00	26.25 0.16 0.00	25.43 0.08 0.00	26.19 0.13 0.00	24.90 -0.02 0.00	24.70 0.15 0.00	26.42 0.08 0.00	28.80 0.11 0.00	31.25 0.28 0.00	34.16 0.50 -0.25	37.04 0.69 -0.26	39.54 1.07 -0.38	40.16 0.90 -0.12	41.43 0.93 0.00	47.43 1.16 0.00	53.32 1.70 0.00	54.76 2.10 -0.26	49.05 1.67 -0.90	45.72 1.52 -0.81	40.98 1.43 -0.84	37.27 1.02 -1.00	32.36 0.72 -0.19
NEG CENTRAL___INDECK 23768	34.95 1.51 0.00	32.22 1.24 0.00	28.93 0.95 0.00	26.98 0.89 0.00	26.07 0.71 0.00	26.89 0.83 0.00	25.35 0.42 0.00	25.04 0.49 0.00	26.50 0.16 0.00	28.66 -0.03 0.00	31.47 0.49 0.00	33.94 0.53 0.00	36.85 0.76 0.00	39.66 1.56 0.00	40.50 1.37 0.00	41.88 1.38 0.00	48.17 1.90 0.00	54.67 3.04 0.00	56.44 4.04 0.00	50.33 3.86 0.00	47.21 3.82 0.00	42.42 3.72 0.00	38.11 2.85 0.00	33.39 1.95 0.00
NEG CENTRAL___SENECA 23627	34.33 0.67 -0.22	31.57 0.53 -0.06	28.32 0.34 0.00	26.41 0.31 0.00	25.56 0.20 0.00	26.35 0.29 0.00	25.03 0.10 0.00	24.85 0.29 0.00	26.58 0.24 0.00	28.95 0.26 0.00	31.47 0.50 0.00	34.31 0.77 -0.13	37.24 1.01 -0.14	39.74 1.45 -0.20	40.41 1.21 -0.07	41.75 1.26 0.00	47.80 1.53 0.00	53.84 2.22 0.00	55.22 2.67 -0.14	49.18 2.23 -0.48	45.86 2.04 -0.43	41.05 1.90 -0.44	37.16 1.37 -0.53	32.58 1.04 -0.10
NEG CENTRAL___STATE_STREET 24147	34.36 0.37 -0.55	31.39 0.25 -0.16	28.15 0.17 0.00	26.23 0.13 0.00	25.43 0.08 0.00	26.19 0.13 0.00	24.93 0.00 0.00	24.68 0.12 0.00	26.44 0.11 0.00	28.86 0.17 0.00	31.25 0.28 0.00	34.17 0.43 -0.33	37.02 0.58 -0.35	39.59 0.99 -0.51	40.16 0.86 -0.17	41.39 0.89 0.00	47.39 1.11 0.00	53.17 1.55 0.00	54.59 1.83 -0.35	49.21 1.53 -1.20	45.86 1.39 -1.08	41.06 1.24 -1.12	37.47 0.88 -1.33	32.29 0.60 -0.25
NEG MILLWOOD___DRP 24198	36.08 2.64 0.00	33.46 2.48 0.00	30.16 2.18 0.00	28.00 1.91 0.00	27.23 1.88 0.00	27.94 1.88 0.00	26.84 1.92 0.00	26.35 1.79 0.00	28.37 2.03 0.00	31.07 2.38 0.00	33.55 2.57 0.00	36.12 2.71 0.00	39.09 3.00 0.00	41.75 3.66 0.00	43.24 4.11 0.00	44.75 4.25 0.00	51.37 5.09 0.00	57.20 5.58 0.00	58.01 5.61 0.00	51.21 4.74 0.00	47.69 3.99 -0.30	41.96 3.25 0.00	37.72 2.47 0.00	33.77 2.33 0.00
NEG NORTH_FLCN_SEA 23793	33.71 0.27 0.00	31.39 0.40 0.00	28.29 0.31 0.00	26.33 0.23 0.00	25.64 0.28 0.00	26.45 0.39 0.00	25.50 0.57 0.00	25.27 0.71 0.00	27.00 0.66 0.00	29.38 0.69 0.00	31.75 0.77 0.00	34.25 0.84 0.00	36.85 0.76 0.00	37.56 -0.53 0.00	38.47 -0.67 0.00	39.81 -0.69 0.00	45.44 -0.83 0.00	49.25 -2.37 0.00	50.10 -2.31 0.00	45.45 -1.02 0.00	42.79 -0.61 0.00	38.98 0.27 0.00	35.68 0.42 0.00	31.66 0.22 0.00
NEG NORTH_KES_CHATEGAY 23792	32.94 -0.50 0.00	30.64 -0.34 0.00	27.62 -0.36 0.00	25.71 -0.39 0.00	25.03 -0.33 0.00	25.83 -0.23 0.00	24.85 -0.07 0.00	24.60 0.05 0.00	26.31 -0.03 0.00	28.63 -0.06 0.00	30.94 -0.03 0.00	33.31 -0.10 0.00	35.88 -0.22 0.00	36.99 -1.10 0.00	37.92 -1.21 0.00	39.16 -1.34 0.00	44.66 -1.62 0.00	49.19 -2.43 0.00	50.05 -2.36 0.00	44.89 -1.58 0.00	42.09 -1.30 0.00	37.89 -0.81 0.00	34.76 -0.49 0.00	30.91 -0.53 0.00
NEG NORTH___ALICE_FALLS 23915	33.61 0.17 0.00	31.32 0.34 0.00	28.21 0.22 0.00	26.25 0.16 0.00	25.56 0.20 0.00	26.37 0.31 0.00	25.42 0.50 0.00	25.22 0.66 0.00	26.92 0.58 0.00	29.29 0.60 0.00	31.66 0.68 0.00	34.11 0.70 0.00	36.74 0.65 0.00	37.64 -0.46 0.00	38.54 -0.59 0.00	39.89 -0.61 0.00	45.54 -0.74 0.00	49.56 -2.06 0.00	50.47 -1.94 0.00	45.59 -0.88 0.00	42.92 -0.48 0.00	38.90 0.19 0.00	35.57 0.32 0.00	31.60 0.16 0.00
NEG NORTH___LWR_SARANAC 23913	33.61 0.17 0.00	31.32 0.34 0.00	28.21 0.22 0.00	26.25 0.16 0.00	25.56 0.20 0.00	26.37 0.31 0.00	25.42 0.50 0.00	25.22 0.66 0.00	26.92 0.58 0.00	29.29 0.60 0.00	31.66 0.68 0.00	34.11 0.70 0.00	36.74 0.65 0.00	37.64 -0.46 0.00	38.54 -0.59 0.00	39.89 -0.61 0.00	45.54 -0.74 0.00	49.56 -2.06 0.00	50.47 -1.94 0.00	45.59 -0.88 0.00	42.92 -0.48 0.00	38.90 0.19 0.00	35.57 0.32 0.00	31.60 0.16 0.00
NEG NORTH___PLATTSBURG 23628	33.61 0.17 0.00	31.32 0.34 0.00	28.20 0.22 0.00	26.25 0.16 0.00	25.56 0.20 0.00	26.37 0.31 0.00	25.42 0.50 0.00	25.22 0.66 0.00	26.92 0.58 0.00	29.29 0.60 0.00	31.63 0.65 0.00	34.11 0.70 0.00	36.74 0.65 0.00	37.64 -0.46 0.00	38.55 -0.59 0.00	39.89 -0.61 0.00	45.53 -0.74 0.00	49.76 -1.86 0.00	50.47 -1.94 0.00	45.59 -0.88 0.00	42.92 -0.48 0.00	38.67 -0.04 0.00	35.57 0.32 0.00	31.60 0.16 0.00
NEG WEST_LEA_LOCKPORT 23791	33.27 -0.17 0.00	30.74 -0.25 0.00	27.70 -0.28 0.00	25.91 -0.18 0.00	24.95 -0.41 0.00	25.67 -0.39 0.00	24.13 -0.80 0.00	23.96 -0.59 0.00	25.76 -0.58 0.00	27.92 -0.77 0.00	30.66 -0.31 0.00	33.58 0.17 0.00	36.49 0.40 0.00	39.43 1.33 0.00	40.15 1.02 0.00	41.27 0.77 0.00	47.29 1.02 0.00	53.01 1.39 0.00	53.93 1.52 0.00	47.82 1.35 0.00	44.43 1.04 0.00	40.37 1.66 0.00	36.38 1.13 0.00	31.95 0.50 0.00
NEG WEST___LANCASTR 23811	33.31 -0.13 0.00	30.83 -0.15 0.00	27.76 -0.22 0.00	25.94 -0.16 0.00	25.00 -0.35 0.00	25.72 -0.34 0.00	24.28 -0.65 0.00	24.26 -0.29 0.00	26.13 -0.21 0.00	28.29 -0.40 0.00	31.10 0.12 0.00	34.01 0.60 0.00	37.03 0.94 0.00	39.96 1.87 0.00	40.78 1.64 0.00	41.88 1.38 0.00	47.99 1.71 0.00	53.84 2.22 0.00	54.77 2.36 0.00	48.47 2.00 0.00	44.95 1.56 0.00	40.72 2.01 0.00	36.70 1.45 0.00	32.14 0.69 0.00
NEG_PENN_ALLEGHNY 23528	34.29 0.60 -0.25	31.58 0.53 -0.07	28.43 0.45 0.00	26.51 0.42 0.00	25.69 0.33 0.00	26.43 0.36 0.00	25.17 0.25 0.00	24.95 0.39 0.00	26.76 0.42 0.00	29.12 0.43 0.00	31.69 0.71 0.00	34.36 0.80 -0.15	37.23 0.97 -0.16	39.77 1.45 -0.23	40.58 1.37 -0.07	41.88 1.38 0.00	47.94 1.66 0.00	53.74 2.12 0.00	54.82 2.25 -0.16	48.92 1.91 -0.54	45.69 1.69 -0.61	40.87 1.66 -0.50	37.05 1.20 -0.60	32.37 0.82 -0.11
NEG___GEN_MONROE 24207	33.58 0.13 0.00	31.01 0.03 0.00	27.98 0.00 0.00	26.12 0.03 0.00	25.23 -0.13 0.00	25.96 -0.10 0.00	24.58 -0.35 0.00	24.31 -0.25 0.00	26.02 -0.32 0.00	28.32 -0.37 0.00	30.97 0.00 0.00	33.71 0.30 0.00	36.53 0.43 0.00	39.27 1.18 0.00	40.11 0.98 0.00	41.55 1.05 0.00	47.53 1.25 0.00	53.32 1.70 0.00	54.45 2.04 0.00	48.19 1.72 0.00	45.04 1.65 0.00	40.53 1.82 0.00	36.52 1.27 0.00	32.14 0.69 0.00
NEPA___ENERGY 23901	33.61 0.17 0.00	31.11 0.12 0.00	28.04 0.06 0.00	26.17 0.08 0.00	25.23 -0.13 0.00	25.96 -0.10 0.00	24.53 -0.40 0.00	24.55 0.00 0.00	26.44 0.11 0.00	28.63 -0.06 0.00	31.44 0.46 0.00	34.38 0.97 0.00	37.43 1.34 0.00	40.34 2.25 0.00	41.17 2.03 0.00	42.28 1.78 0.00	48.45 2.18 0.00	54.41 2.79 0.00	55.18 2.78 0.00	48.89 2.42 0.00	45.35 1.95 0.00	41.07 2.36 0.00	36.98 1.73 0.00	32.39 0.94 0.00

NEVERSINK___HYD 23608	35.41 1.97 0.00	32.81 1.83 0.00	29.60 1.62 0.00	27.50 1.41 0.00	26.73 1.37 0.00	27.42 1.35 0.00	26.27 1.35 0.00	25.81 1.25 0.00	27.81 1.47 0.00	30.35 1.66 0.00	32.71 1.73 0.00	35.21 1.80 0.00	38.04 1.95 0.00	40.42 2.32 0.00	41.75 2.62 0.00	43.17 2.67 0.00	49.47 3.19 0.00	55.13 3.51 0.00	56.07 3.67 0.00	49.77 3.30 0.00	46.66 2.95 -0.31	41.34 2.63 0.00	37.16 1.90 0.00	33.24 1.79 0.00
NEWKRMKL_115KV_TB1 55635	34.28 0.84 0.00	31.76 0.77 0.00	28.68 0.70 0.00	26.78 0.68 0.00	26.09 0.74 0.00	26.79 0.73 0.00	25.72 0.80 0.00	25.19 0.64 0.00	27.08 0.74 0.00	29.41 0.72 0.00	31.69 0.71 0.00	34.14 0.74 0.00	36.89 0.79 0.00	39.20 1.10 0.00	40.34 1.21 0.00	41.88 1.38 0.00	47.94 1.67 0.00	53.53 1.91 0.00	54.24 1.83 0.00	48.05 1.58 0.00	46.84 1.43 -2.01	39.79 1.08 0.00	35.96 0.71 0.00	32.17 0.72 0.00
NEWTON___FALLS_HYD 23847	33.13 -0.54 -0.22	30.61 -0.43 -0.06	27.53 -0.45 0.00	25.65 -0.44 0.00	24.93 -0.43 0.00	25.64 -0.42 0.00	24.53 -0.40 0.00	24.21 -0.34 0.00	25.84 -0.50 0.00	28.12 -0.57 0.00	30.32 -0.65 0.00	32.84 -0.70 -0.13	35.44 -0.79 -0.14	37.19 -1.10 -0.20	37.83 -1.37 -0.07	38.72 -1.78 0.00	44.19 -2.08 0.00	49.25 -2.37 0.00	50.40 -2.15 -0.14	45.37 -1.58 -0.48	42.53 -1.30 -0.43	38.38 -0.77 -0.45	35.08 -0.71 -0.53	30.82 -0.72 -0.10
NGRID_A1_DSASP 323792	32.41 -1.04 0.00	29.96 -1.02 0.00	27.00 -0.98 0.00	25.26 -0.84 0.00	24.42 -0.94 0.00	25.02 -1.04 0.00	23.55 -1.37 0.00	23.38 -1.18 0.00	25.13 -1.21 0.00	27.23 -1.46 0.00	30.42 -0.56 0.00	32.74 -0.67 0.00	35.51 -0.58 0.00	38.36 0.27 0.00	39.09 -0.04 0.00	40.17 -0.33 0.00	46.05 -0.23 0.00	51.62 0.00 0.00	52.51 0.11 0.00	46.43 -0.05 0.00	43.18 -0.22 0.00	39.29 0.58 0.00	35.47 0.21 0.00	31.16 -0.28 0.00
NGRID_A2_DSASP 323793	32.41 -1.04 0.00	29.96 -1.02 0.00	27.00 -0.98 0.00	25.26 -0.84 0.00	24.42 -0.94 0.00	25.02 -1.04 0.00	23.55 -1.37 0.00	23.38 -1.18 0.00	25.13 -1.21 0.00	27.23 -1.46 0.00	30.42 -0.56 0.00	32.74 -0.67 0.00	35.51 -0.58 0.00	38.36 0.27 0.00	39.09 -0.04 0.00	40.17 -0.33 0.00	46.05 -0.23 0.00	51.62 0.00 0.00	52.51 0.11 0.00	46.43 -0.05 0.00	43.18 -0.22 0.00	39.29 0.58 0.00	35.47 0.21 0.00	31.16 -0.28 0.00
NGRID_A4_DSASP 323807	32.41 -1.04 0.00	29.96 -1.02 0.00	27.00 -0.98 0.00	25.26 -0.84 0.00	24.42 -0.94 0.00	25.02 -1.04 0.00	23.55 -1.37 0.00	23.38 -1.18 0.00	25.13 -1.21 0.00	27.23 -1.46 0.00	30.42 -0.56 0.00	32.74 -0.67 0.00	35.51 -0.58 0.00	38.36 0.27 0.00	39.09 -0.04 0.00	40.17 -0.33 0.00	46.05 -0.23 0.00	51.62 0.00 0.00	52.51 0.11 0.00	46.43 -0.05 0.00	43.18 -0.22 0.00	39.29 0.58 0.00	35.47 0.21 0.00	31.16 -0.28 0.00
NIAGARA_115E_LBMP 323715	32.81 -0.64 0.00	30.33 -0.65 0.00	27.37 -0.62 0.00	25.60 -0.50 0.00	24.52 -0.84 0.00	25.36 -0.70 0.00	23.78 -1.15 0.00	23.60 -0.96 0.00	25.37 -0.97 0.00	27.46 -1.23 0.00	30.70 -0.28 0.00	33.04 -0.37 0.00	35.88 -0.22 0.00	38.74 0.65 0.00	39.48 0.35 0.00	40.58 0.08 0.00	46.51 0.23 0.00	52.19 0.57 0.00	53.09 0.68 0.00	46.98 0.51 0.00	43.65 0.26 0.00	39.71 1.00 0.00	35.82 0.56 0.00	31.44 0.00 0.00
NIAGARA_115W_LBMP 323714	32.30 -1.14 0.00	29.87 -1.11 0.00	26.92 -1.06 0.00	25.18 -0.91 0.00	24.34 -1.02 0.00	24.94 -1.12 0.00	23.51 -1.42 0.00	23.30 -1.25 0.00	25.05 -1.29 0.00	27.14 -1.55 0.00	30.32 -0.65 0.00	32.64 -0.77 0.00	35.41 -0.69 0.00	38.25 0.15 0.00	38.98 -0.16 0.00	40.05 -0.44 0.00	45.90 -0.37 0.00	51.47 -0.15 0.00	52.35 -0.05 0.00	46.29 -0.19 0.00	43.04 -0.35 0.00	39.17 0.47 0.00	35.36 0.11 0.00	31.07 -0.38 0.00
NIAGARA_230_LBMP 323716	32.77 -0.67 0.00	30.30 -0.68 0.00	27.31 -0.67 0.00	25.55 -0.55 0.00	24.57 -0.79 0.00	25.30 -0.76 0.00	23.83 -1.10 0.00	23.67 -0.88 0.00	25.42 -0.92 0.00	27.54 -1.15 0.00	30.76 -0.22 0.00	33.11 -0.30 0.00	35.91 -0.18 0.00	38.74 0.65 0.00	39.48 0.35 0.00	40.62 0.12 0.00	46.56 0.28 0.00	52.19 0.57 0.00	53.09 0.68 0.00	46.98 0.51 0.00	43.70 0.31 0.00	39.71 1.00 0.00	35.85 0.60 0.00	31.48 0.03 0.00
NIAGARA___115KV_198_GIBSON 55903	32.31 -1.14 0.00	29.87 -1.12 0.00	26.92 -1.06 0.00	25.18 -0.91 0.00	24.24 -1.12 0.00	24.94 -1.12 0.00	23.50 -1.42 0.00	23.30 -1.25 0.00	25.05 -1.29 0.00	27.14 -1.55 0.00	29.83 -1.15 0.00	32.64 -0.77 0.00	35.44 -0.65 0.00	38.25 0.15 0.00	38.98 -0.16 0.00	40.05 -0.45 0.00	45.91 -0.37 0.00	51.36 -0.26 0.00	52.25 -0.16 0.00	46.29 -0.19 0.00	43.05 -0.35 0.00	39.13 0.43 0.00	35.33 0.07 0.00	31.07 -0.38 0.00
NIAGARA____ 23760	32.77 -0.67 0.00	30.30 -0.68 0.00	27.31 -0.67 0.00	25.55 -0.55 0.00	24.57 -0.79 0.00	25.30 -0.76 0.00	23.83 -1.10 0.00	23.67 -0.88 0.00	25.42 -0.92 0.00	27.54 -1.15 0.00	30.76 -0.22 0.00	33.11 -0.30 0.00	35.91 -0.18 0.00	38.74 0.65 0.00	39.48 0.35 0.00	40.62 0.12 0.00	46.56 0.28 0.00	52.19 0.57 0.00	53.09 0.68 0.00	46.98 0.51 0.00	43.70 0.31 0.00	39.71 1.00 0.00	35.85 0.60 0.00	31.48 0.03 0.00
NINE_MILE_1 23575	28.89 -0.87 3.68	29.06 -0.84 1.09	27.20 -0.78 0.00	25.37 -0.73 0.00	24.62 -0.74 0.00	25.30 -0.76 0.00	24.15 -0.77 0.00	23.87 -0.69 0.00	25.57 -0.76 0.00	27.86 -0.83 0.00	30.20 -0.77 0.00	30.35 -0.83 2.23	32.87 -0.87 2.36	33.96 -0.72 3.41	37.19 -0.82 1.12	39.69 -0.81 0.00	45.35 -0.93 0.00	50.74 -0.88 0.00	49.22 -0.84 2.34	37.54 -0.84 8.09	35.31 -0.78 7.30	30.51 -0.66 7.54	25.59 -0.70 8.96	29.02 -0.72 1.70
NINE_MILE_2 23744	28.83 -0.87 3.74	29.04 -0.84 1.10	27.20 -0.78 0.00	25.37 -0.73 0.00	24.62 -0.74 0.00	25.30 -0.76 0.00	24.15 -0.77 0.00	23.87 -0.69 0.00	25.57 -0.76 0.00	27.89 -0.80 0.00	30.20 -0.77 0.00	30.31 -0.83 2.26	32.84 -0.87 2.39	33.91 -0.72 3.46	37.17 -0.82 1.14	39.69 -0.81 0.00	45.35 -0.93 0.00	50.74 -0.88 0.00	49.19 -0.84 2.38	37.42 -0.84 8.22	35.20 -0.78 7.41	30.39 -0.66 7.65	25.46 -0.70 9.09	28.99 -0.72 1.73
NM_CAPITAL___DRP 24208	34.38 0.94 0.00	31.85 0.87 0.00	28.76 0.78 0.00	26.88 0.78 0.00	26.19 0.84 0.00	26.87 0.81 0.00	25.80 0.87 0.00	25.27 0.71 0.00	27.16 0.82 0.00	29.46 0.77 0.00	31.75 0.77 0.00	34.21 0.80 0.00	36.96 0.87 0.00	39.27 1.18 0.00	40.42 1.29 0.00	42.00 1.50 0.00	48.08 1.80 0.00	53.63 2.01 0.00	54.35 1.94 0.00	48.15 1.67 0.00	46.93 1.56 -1.97	39.83 1.12 0.00	36.00 0.74 0.00	32.23 0.79 0.00
NM_CENTRAL___DRP 24181	33.70 -0.10 -0.35	30.96 -0.12 -0.10	27.81 -0.17 0.00	25.94 -0.16 0.00	25.15 -0.20 0.00	25.88 -0.18 0.00	24.68 -0.25 0.00	24.41 -0.15 0.00	26.13 -0.21 0.00	28.52 -0.17 0.00	30.85 -0.12 0.00	33.62 0.00 -0.21	36.39 0.07 -0.23	38.73 0.30 -0.33	39.44 0.20 -0.11	40.74 0.24 0.00	46.60 0.32 0.00	52.14 0.52 0.00	53.26 0.63 -0.23	47.72 0.46 -0.78	44.53 0.43 -0.70	39.82 0.39 -0.73	36.33 0.21 -0.86	31.67 0.06 -0.16

NM_FRONTIER___DRP 24179	32.31 -1.14 0.00	29.87 -1.12 0.00	26.92 -1.06 0.00	25.18 -0.91 0.00	24.24 -1.12 0.00	24.94 -1.12 0.00	23.50 -1.42 0.00	23.30 -1.25 0.00	25.05 -1.29 0.00	27.14 -1.55 0.00	29.83 -1.15 0.00	32.64 -0.77 0.00	35.44 -0.65 0.00	38.25 0.15 0.00	38.98 -0.16 0.00	40.05 -0.45 0.00	45.91 -0.37 0.00	51.36 -0.26 0.00	52.25 -0.16 0.00	46.29 -0.19 0.00	43.05 -0.35 0.00	39.13 0.43 0.00	35.33 0.07 0.00	31.07 -0.38 0.00
NM_ST_REGIS___HYD 24053	32.61 -0.94 -0.10	30.27 -0.74 -0.03	27.28 -0.70 0.00	25.39 -0.70 0.00	24.70 -0.66 0.00	25.44 -0.63 0.00	24.45 -0.47 0.00	24.14 -0.42 0.00	25.79 -0.55 0.00	28.06 -0.63 0.00	30.26 -0.71 0.00	32.70 -0.77 -0.06	35.22 -0.94 -0.07	36.59 -1.60 -0.09	37.40 -1.76 -0.03	38.19 -2.31 0.00	43.55 -2.73 0.00	48.21 -3.41 0.00	49.17 -3.30 -0.06	44.05 -2.65 -0.22	41.43 -2.17 -0.20	37.56 -1.35 -0.21	34.52 -0.99 -0.25	30.55 -0.94 -0.05
NORTHPORT___1 23551	37.98 2.61 -1.93	37.50 2.42 -4.10	36.64 2.21 -6.45	34.20 2.01 -6.09	32.69 1.98 -5.36	32.53 2.03 -4.43	27.10 2.07 -0.11	29.74 1.99 -3.20	35.08 2.24 -6.51	36.52 2.41 -5.42	33.50 2.39 -0.14	36.64 2.51 -0.73	37.62 2.34 0.82	37.54 2.63 3.18	38.14 2.94 3.92	43.70 3.36 0.16	50.07 3.98 0.19	55.53 4.18 0.27	55.66 3.93 0.68	49.44 3.44 0.47	46.27 2.82 -0.05	37.62 2.48 3.56	36.95 1.69 0.00	33.33 1.89 0.00
NORTHPORT___2 23552	37.98 2.61 -1.93	37.50 2.42 -4.10	36.64 2.21 -6.45	34.20 2.01 -6.09	32.69 1.98 -5.36	32.53 2.03 -4.43	27.10 2.07 -0.11	29.74 1.99 -3.20	35.08 2.24 -6.51	36.52 2.41 -5.42	33.50 2.39 -0.14	36.64 2.51 -0.73	37.62 2.34 0.82	37.54 2.63 3.18	38.14 2.94 3.92	38.30 3.36 5.56	38.42 3.98 11.84	38.40 4.18 17.40	38.35 3.93 17.99	38.44 3.44 11.47	38.40 2.82 7.81	37.62 2.48 3.56	36.95 1.69 0.00	33.33 1.89 0.00
NORTHPORT___3 23553	37.91 2.54 -1.93	37.44 2.35 -4.10	36.69 2.27 -6.45	34.25 2.06 -6.09	32.72 2.00 -5.36	32.55 2.06 -4.43	27.10 2.07 -0.11	29.77 2.01 -3.20	35.14 2.29 -6.51	36.64 2.53 -5.42	33.44 2.32 -0.14	36.51 2.37 -0.73	37.65 2.38 0.83	37.65 2.74 3.19	38.29 3.09 3.93	38.29 3.36 5.57	38.36 3.93 11.85	38.34 4.13 17.41	38.29 3.88 17.99	38.29 3.30 11.48	38.31 2.74 7.82	37.65 2.51 3.57	36.94 1.69 0.01	33.33 1.89 0.00
NORTHPORT___4 23650	37.91 2.54 -1.93	37.44 2.35 -4.10	36.69 2.27 -6.45	34.25 2.06 -6.09	32.72 2.00 -5.36	32.55 2.06 -4.43	27.10 2.07 -0.11	29.77 2.01 -3.20	35.14 2.29 -6.51	36.64 2.53 -5.42	33.44 2.32 -0.14	36.51 2.37 -0.73	37.65 2.38 0.83	37.65 2.74 3.19	38.29 3.09 3.93	38.29 3.36 5.57	38.36 3.93 11.85	38.34 4.13 17.41	38.29 3.88 17.99	38.29 3.30 11.48	38.31 2.74 7.82	37.65 2.51 3.57	36.94 1.69 0.01	33.33 1.89 0.00
NORTHPORT___IC 23718	37.98 2.61 -1.93	37.50 2.42 -4.10	36.64 2.21 -6.45	34.20 2.01 -6.09	32.69 1.98 -5.36	32.53 2.03 -4.43	27.10 2.07 -0.11	29.74 1.99 -3.20	35.09 2.24 -6.51	36.52 2.41 -5.42	33.59 2.48 -0.14	36.64 2.51 -0.73	37.62 2.35 0.82	37.42 2.51 3.18	38.14 2.93 3.92	38.30 3.36 5.56	38.46 4.03 11.84	38.45 4.23 17.40	38.25 3.83 17.99	38.34 3.35 11.47	38.40 2.82 7.81	37.47 2.32 3.56	36.95 1.69 0.00	33.33 1.89 0.00
NORTH___COUNTRY_ESR 323785	32.87 -0.57 0.00	30.55 -0.43 0.00	27.56 -0.42 0.00	25.65 -0.44 0.00	24.95 -0.41 0.00	25.75 -0.31 0.00	24.80 -0.12 0.00	24.55 0.00 0.00	26.29 -0.05 0.00	28.60 -0.09 0.00	30.85 -0.12 0.00	33.28 -0.13 0.00	35.84 -0.25 0.00	36.95 -1.14 0.00	37.88 -1.25 0.00	39.08 -1.42 0.00	44.61 -1.66 0.00	49.25 -2.37 0.00	49.89 -2.51 0.00	44.75 -1.72 0.00	41.96 -1.43 0.00	37.55 -1.16 0.00	34.66 -0.60 0.00	30.82 -0.63 0.00
NPX_GEN_1385_PROXY 323591	37.88 2.51 -1.93	37.32 2.23 -4.10	36.47 2.04 -6.45	34.17 1.98 -6.09	32.64 1.93 -5.36	32.50 2.01 -4.43	27.15 2.12 -0.11	29.72 1.97 -3.20	35.06 2.21 -6.51	36.35 2.24 -5.42	33.47 2.35 -0.14	36.61 2.47 -0.73	37.44 2.17 0.82	37.35 2.44 3.18	37.40 3.05 4.79	44.59 4.38 0.28	49.10 5.14 2.31	55.47 5.83 1.98	54.02 5.45 3.84	48.74 4.74 2.47	46.20 4.17 1.36	37.43 2.28 3.56	36.84 1.59 0.00	33.24 1.79 0.00
NPX_GEN_CSC 323557	38.25 2.88 -1.93	37.69 2.60 -4.10	36.67 2.24 -6.45	34.33 2.14 -6.09	32.82 2.10 -5.36	32.68 2.19 -4.43	27.28 2.24 -0.11	29.94 2.18 -3.20	35.19 2.34 -6.51	36.52 2.41 -5.42	33.84 2.73 -0.14	37.08 2.94 -0.73	39.08 2.96 -0.03	41.47 3.35 -0.03	41.95 3.68 0.86	45.91 4.53 -0.87	57.29 5.37 -5.65	65.86 5.78 -8.46	58.03 5.61 -0.01	51.22 4.74 -0.01	47.73 4.04 -0.30	41.69 2.98 0.00	37.12 1.87 0.00	33.43 1.98 0.00
NSINS_S_GLNS_FALLS 23858	36.82 3.38 0.00	34.17 3.19 0.00	30.67 2.69 0.00	28.60 2.51 0.00	27.97 2.61 0.00	28.69 2.63 0.00	27.49 2.57 0.00	26.91 2.36 0.00	29.03 2.69 0.00	31.67 2.98 0.00	33.86 2.88 0.00	36.65 3.24 0.00	39.34 3.25 0.00	41.90 3.81 0.00	42.97 3.83 0.00	44.59 4.09 0.00	51.18 4.91 0.00	57.45 5.83 0.00	58.96 6.55 0.00	52.19 5.72 0.00	52.26 5.68 -3.18	43.58 4.88 0.00	39.10 3.84 0.00	34.78 3.33 0.00
NUCOR_STEEL___DRP 24197	34.46 0.43 -0.59	31.50 0.34 -0.17	28.23 0.25 0.00	26.31 0.21 0.00	25.51 0.15 0.00	26.27 0.21 0.00	25.00 0.07 0.00	24.75 0.20 0.00	26.50 0.16 0.00	28.92 0.23 0.00	31.32 0.34 0.00	34.23 0.47 -0.35	37.05 0.58 -0.37	39.63 0.99 -0.54	40.17 0.86 -0.18	41.39 0.89 0.00	47.34 1.06 0.00	53.12 1.50 0.00	54.51 1.73 -0.37	49.20 1.44 -1.29	45.90 1.35 -1.16	41.10 1.20 -1.20	37.56 0.88 -1.42	32.31 0.60 -0.27
NUMBER_THREE_WT_PWR 323818	34.00 0.30 -0.26	31.37 0.31 -0.08	28.20 0.22 0.00	26.28 0.18 0.00	25.51 0.15 0.00	26.22 0.16 0.00	25.05 0.13 0.00	24.70 0.15 0.00	26.42 0.08 0.00	28.72 0.03 0.00	30.97 0.00 0.00	33.60 0.03 -0.16	36.30 0.04 -0.17	38.33 0.00 -0.24	38.74 -0.47 -0.08	39.81 -0.69 0.00	45.45 -0.83 0.00	50.79 -0.83 0.00	51.89 -0.68 -0.17	46.81 -0.23 -0.57	43.82 -0.09 -0.52	39.16 -0.08 -0.53	35.75 -0.14 -0.63	31.31 -0.25 -0.12
NYISO_LBMP_REFERENCE 24008	33.44 0.00 0.00	30.98 0.00 0.00	27.98 0.00 0.00	26.10 0.00 0.00	25.36 0.00 0.00	26.06 0.00 0.00	24.93 0.00 0.00	24.55 0.00 0.00	26.34 0.00 0.00	28.69 0.00 0.00	30.97 0.00 0.00	33.41 0.00 0.00	36.09 0.00 0.00	38.09 0.00 0.00	39.13 0.00 0.00	40.50 0.00 0.00	46.28 0.00 0.00	51.62 0.00 0.00	52.41 0.00 0.00	46.47 0.00 0.00	43.39 0.00 0.00	38.71 0.00 0.00	35.25 0.00 0.00	31.44 0.00 0.00
NYPA_BRENTWD____GT 24164	38.68 3.31 -1.93	38.09 3.00 -4.10	37.11 2.69 -6.45	34.62 2.43 -6.09	33.07 2.36 -5.36	32.92 2.42 -4.43	27.48 2.44 -0.11	30.11 2.36 -3.20	35.45 2.61 -6.51	36.98 2.87 -5.42	34.18 3.07 -0.14	37.41 3.28 -0.73	39.44 3.28 -0.06	41.58 3.43 -0.06	42.89 3.76 0.00	44.67 4.17 0.00	52.28 4.81 -1.19	58.52 5.11 -1.78	57.33 4.92 0.00	51.03 4.56 0.00	47.59 3.91 -0.29	42.26 3.52 -0.03	37.79 2.54 0.00	33.99 2.55 0.00

NYPA_GOWANUS____GT5 24156	36.37 2.91 -0.02	33.66 2.66 -0.01	30.34 2.35 -0.01	28.16 2.06 0.00	27.36 2.00 0.00	28.07 2.01 0.00	26.94 2.02 0.00	26.47 1.92 0.00	28.52 2.18 0.00	31.27 2.58 0.00	33.79 2.76 -0.06	36.37 2.91 -0.06	39.02 2.92 0.00	41.64 3.54 0.00	44.17 4.07 -0.97	44.43 3.93 0.00	113.61 4.35 -62.99	71.04 4.65 -14.77	108.50 4.51 -51.58	67.15 3.90 -16.77	47.39 3.65 -0.35	45.16 3.60 -2.86	38.13 2.82 -0.06	52.70 2.73 -18.52
NYPA_GOWANUS____GT6 24157	36.37 2.91 -0.02	33.66 2.66 -0.01	30.34 2.35 -0.01	28.16 2.06 0.00	27.36 2.00 0.00	28.07 2.01 0.00	26.94 2.02 0.00	26.47 1.92 0.00	28.52 2.18 0.00	31.27 2.58 0.00	33.79 2.76 -0.06	36.37 2.91 -0.06	39.02 2.92 0.00	41.64 3.54 0.00	44.17 4.07 -0.97	44.43 3.93 0.00	113.61 4.35 -62.99	71.04 4.65 -14.77	108.50 4.51 -51.58	67.15 3.90 -16.77	47.39 3.65 -0.35	45.16 3.60 -2.86	38.13 2.82 -0.06	52.70 2.73 -18.52
NYPA_HARLEM__RVR__GT1 24160	36.36 2.91 -0.01	33.66 2.66 -0.01	30.34 2.35 -0.01	28.19 2.09 -0.01	27.39 2.03 -0.01	28.12 2.06 0.00	26.99 2.04 -0.02	26.47 1.92 0.00	28.50 2.16 0.00	31.20 2.49 -0.02	33.64 2.66 0.00	36.25 2.84 0.00	38.80 2.71 0.00	41.45 3.35 0.00	42.93 3.79 0.00	44.10 3.60 0.00	50.25 3.98 0.01	56.16 4.54 0.01	56.85 4.45 0.01	49.96 3.49 0.00	46.98 3.30 -0.29	42.11 3.41 0.00	38.01 2.75 0.00	34.09 2.64 -0.01
NYPA_HARLEM__RVR__GT2 24161	36.36 2.91 -0.01	33.66 2.66 -0.01	30.34 2.35 -0.01	28.19 2.09 -0.01	27.39 2.03 -0.01	28.12 2.06 0.00	26.99 2.04 -0.02	26.47 1.92 0.00	28.50 2.16 0.00	31.20 2.49 -0.02	33.64 2.66 0.00	36.25 2.84 0.00	38.80 2.71 0.00	41.45 3.35 0.00	42.93 3.79 0.00	44.10 3.60 0.00	50.25 3.98 0.01	56.16 4.54 0.01	56.85 4.45 0.01	49.96 3.49 0.00	46.98 3.30 -0.29	42.11 3.41 0.00	38.01 2.75 0.00	34.09 2.64 -0.01
NYPA_KENT____GT 24152	36.29 2.84 -0.01	33.59 2.60 0.00	30.25 2.27 0.00	28.11 2.01 0.00	27.31 1.95 0.00	28.02 1.96 0.00	26.92 1.99 0.00	26.44 1.89 0.00	28.50 2.16 0.00	31.22 2.53 0.00	33.70 2.69 -0.03	36.28 2.84 -0.03	38.94 2.85 0.00	41.56 3.47 0.00	43.64 3.95 -0.56	44.27 3.77 0.00	56.07 4.17 -5.63	59.67 4.44 -3.61	64.30 4.30 -7.60	51.72 3.72 -1.53	47.19 3.47 -0.32	43.79 3.44 -1.64	38.00 2.71 -0.03	44.70 2.64 -10.61
NYPA_POUCH1____GT 24155	36.30 2.84 -0.02	33.62 2.63 -0.01	30.28 2.29 -0.01	28.13 2.04 0.00	27.31 1.95 0.00	27.99 1.93 0.00	26.87 1.95 0.00	26.40 1.84 0.00	28.45 2.11 0.00	31.16 2.47 0.00	33.66 2.63 -0.06	36.27 2.81 -0.06	38.91 2.82 0.00	41.56 3.47 0.00	44.10 3.99 -0.97	44.35 3.85 0.00	114.96 4.30 -64.38	71.09 4.54 -14.93	109.37 4.45 -52.51	67.43 3.81 -17.14	47.34 3.60 -0.35	45.09 3.52 -2.86	38.06 2.75 -0.06	52.58 2.61 -18.52
NYPA_VERNON____GT2 24162	36.19 2.74 0.00	33.49 2.51 0.00	30.19 2.21 0.00	28.03 1.93 0.00	27.23 1.88 0.00	27.99 1.93 0.00	26.87 1.95 0.00	26.42 1.87 0.00	28.47 2.13 0.00	31.16 2.47 0.00	33.61 2.63 -0.01	36.19 2.77 -0.01	38.87 2.78 0.00	41.48 3.39 0.00	43.11 3.84 -0.14	44.15 3.65 0.00	50.31 4.02 0.00	54.22 4.28 1.69	54.32 4.14 2.23	50.06 3.58 -0.01	47.03 3.34 -0.30	42.45 3.33 -0.41	37.91 2.65 -0.01	36.68 2.55 -2.69
NYPA_VERNON____GT3 24163	36.19 2.74 0.00	33.49 2.51 0.00	30.19 2.21 0.00	28.03 1.93 0.00	27.23 1.88 0.00	27.99 1.93 0.00	26.87 1.95 0.00	26.42 1.87 0.00	28.47 2.13 0.00	31.16 2.47 0.00	33.61 2.63 -0.01	36.19 2.77 -0.01	38.87 2.78 0.00	41.48 3.39 0.00	43.11 3.84 -0.14	44.15 3.65 0.00	50.31 4.02 0.00	54.22 4.28 1.69	54.32 4.14 2.23	50.06 3.58 -0.01	47.03 3.34 -0.30	42.45 3.33 -0.41	37.91 2.65 -0.01	36.68 2.55 -2.69
NYPA__ASTORIA_CC1 323568	36.15 2.71 0.00	33.46 2.48 0.00	30.14 2.15 0.00	28.00 1.90 0.00	27.21 1.85 0.00	27.96 1.90 0.00	26.85 1.92 0.00	26.40 1.84 0.00	28.42 2.08 0.00	31.10 2.41 0.00	33.54 2.57 0.00	36.11 2.70 0.00	38.84 2.74 0.00	41.45 3.35 0.00	42.89 3.76 0.00	44.06 3.56 0.00	50.20 3.93 0.01	51.79 4.13 3.96	51.15 3.98 5.24	49.91 3.44 0.00	46.89 3.21 -0.29	41.99 3.29 0.00	37.86 2.61 0.00	33.97 2.52 -0.01
NYPA__ASTORIA_CC2 323569	36.15 2.71 0.00	33.46 2.48 0.00	30.14 2.15 0.00	28.00 1.90 0.00	27.21 1.85 0.00	27.96 1.90 0.00	26.85 1.92 0.00	26.40 1.84 0.00	28.42 2.08 0.00	31.10 2.41 0.00	33.54 2.57 0.00	36.11 2.70 0.00	38.84 2.74 0.00	41.45 3.35 0.00	42.89 3.76 0.00	44.06 3.56 0.00	50.20 3.93 0.01	51.79 4.13 3.96	51.15 3.98 5.24	49.91 3.44 0.00	46.89 3.21 -0.29	41.99 3.29 0.00	37.86 2.61 0.00	33.97 2.52 -0.01
NYPA__HOLTSVILL 23794	38.31 2.94 -1.93	37.75 2.66 -4.10	36.78 2.35 -6.45	34.33 2.14 -6.09	32.82 2.10 -5.36	32.68 2.19 -4.43	27.25 2.22 -0.11	29.89 2.14 -3.20	35.19 2.34 -6.51	36.66 2.55 -5.42	33.84 2.73 -0.14	37.04 2.91 -0.73	39.01 2.89 -0.03	41.40 3.28 -0.03	42.73 3.60 0.00	44.60 4.09 -0.01	56.59 4.77 -5.55	65.04 5.11 -8.31	57.29 4.87 -0.01	50.71 4.23 -0.01	47.34 3.65 -0.30	41.69 2.98 0.00	37.26 2.01 0.00	33.58 2.14 0.00
NYPA____HELLGATE_GT1 24158	36.36 2.91 -0.01	33.66 2.66 -0.01	30.34 2.35 -0.01	28.19 2.09 -0.01	27.39 2.03 -0.01	28.13 2.06 -0.02	26.97 2.04 0.00	26.49 1.92 -0.02	28.52 2.16 -0.02	31.19 2.49 0.00	33.65 2.66 -0.02	36.26 2.84 -0.02	38.80 2.71 0.00	41.45 3.35 0.00	42.93 3.79 0.00	44.10 3.60 0.00	50.25 3.98 0.01	56.16 4.54 0.01	56.85 4.45 0.01	49.96 3.49 0.00	46.98 3.30 -0.29	42.11 3.41 0.00	38.01 2.75 0.00	34.09 2.64 -0.01
NYPA____HELLGATE_GT2 24159	36.36 2.91 -0.01	33.66 2.66 -0.01	30.34 2.35 -0.01	28.19 2.09 -0.01	27.39 2.03 -0.01	28.13 2.06 -0.02	26.97 2.04 0.00	26.49 1.92 -0.02	28.52 2.16 -0.02	31.19 2.49 0.00	33.65 2.66 -0.02	36.26 2.84 -0.02	38.80 2.71 0.00	41.45 3.35 0.00	42.93 3.79 0.00	44.10 3.60 0.00	50.25 3.98 0.01	56.16 4.54 0.01	56.85 4.45 0.01	49.96 3.49 0.00	46.98 3.30 -0.29	42.11 3.41 0.00	38.01 2.75 0.00	34.09 2.64 -0.01
NYS_BARGE__HYD 23848	33.31 -0.13 0.00	30.77 -0.22 0.00	27.73 -0.25 0.00	25.94 -0.16 0.00	24.90 -0.46 0.00	25.72 -0.34 0.00	24.15 -0.77 0.00	23.99 -0.56 0.00	25.79 -0.55 0.00	27.92 -0.77 0.00	31.22 0.25 0.00	33.61 0.20 0.00	36.49 0.40 0.00	39.46 1.37 0.00	40.23 1.09 0.00	41.31 0.81 0.00	47.34 1.07 0.00	53.17 1.55 0.00	54.13 1.73 0.00	47.87 1.39 0.00	44.52 1.13 0.00	40.45 1.74 0.00	36.45 1.20 0.00	31.98 0.53 0.00
OAK ORCHARD__HYD 24046	33.54 0.10 0.00	31.01 0.03 0.00	27.90 -0.08 0.00	26.04 -0.05 0.00	25.15 -0.20 0.00	25.91 -0.16 0.00	24.53 -0.40 0.00	24.38 -0.17 0.00	26.13 -0.21 0.00	28.43 -0.26 0.00	31.38 0.40 0.00	33.81 0.40 0.00	36.71 0.61 0.00	39.39 1.30 0.00	40.19 1.06 0.00	41.55 1.05 0.00	47.48 1.20 0.00	53.32 1.70 0.00	54.40 1.99 0.00	48.05 1.58 0.00	44.91 1.52 0.00	40.37 1.66 0.00	36.42 1.16 0.00	32.04 0.60 0.00

OAKDALE___35_KV_LOAD 356122	34.12 0.43 -0.24	31.43 0.37 -0.07	28.29 0.31 0.00	26.41 0.31 0.00	25.58 0.23 0.00	26.32 0.26 0.00	25.08 0.15 0.00	24.82 0.27 0.00	26.63 0.29 0.00	29.01 0.32 0.00	31.44 0.46 0.00	34.19 0.63 -0.14	37.04 0.79 -0.15	39.53 1.22 -0.22	40.38 1.17 -0.07	41.67 1.17 0.00	47.66 1.39 0.00	53.38 1.76 0.00	54.45 1.89 -0.15	48.62 1.63 -0.53	45.38 1.39 -0.60	40.55 1.35 -0.49	36.82 0.99 -0.58	32.21 0.66 -0.11
OCC_CHEM___DRP 24175	32.41 -1.04 0.00	29.93 -1.05 0.00	27.00 -0.98 0.00	25.26 -0.84 0.00	24.29 -1.06 0.00	25.02 -1.04 0.00	23.55 -1.37 0.00	23.38 -1.18 0.00	25.13 -1.21 0.00	27.23 -1.46 0.00	29.92 -1.05 0.00	32.74 -0.67 0.00	35.55 -0.54 0.00	38.36 0.27 0.00	39.09 -0.04 0.00	40.18 -0.32 0.00	46.05 -0.23 0.00	51.52 -0.10 0.00	52.41 0.00 0.00	46.43 -0.05 0.00	43.18 -0.22 0.00	39.25 0.54 0.00	35.43 0.18 0.00	31.16 -0.28 0.00
OH_GEN_PROXY 24063	32.74 -0.70 0.00	30.30 -0.68 0.00	27.28 -0.70 0.00	25.52 -0.57 0.00	24.57 -0.79 0.00	25.30 -0.76 0.00	23.85 -1.07 0.00	23.69 -0.86 0.00	25.44 -0.90 0.00	27.60 -1.09 0.00	30.79 -0.18 0.00	33.14 -0.27 0.00	35.95 -0.14 0.00	38.78 0.69 0.00	38.66 0.39 0.86	41.56 0.20 -0.86	46.60 0.33 0.00	52.29 0.67 0.00	53.19 0.79 0.00	47.07 0.60 0.00	43.74 0.35 0.00	39.75 1.05 0.00	35.85 0.60 0.00	31.48 0.03 0.00
OLIN_CORP_DRP 24177	32.84 -0.60 0.00	30.36 -0.62 0.00	27.39 -0.59 0.00	25.63 -0.47 0.00	24.65 -0.71 0.00	25.38 -0.68 0.00	23.80 -1.12 0.00	23.62 -0.93 0.00	25.39 -0.95 0.00	27.51 -1.18 0.00	30.23 -0.74 0.00	33.11 -0.30 0.00	35.95 -0.14 0.00	38.78 0.69 0.00	39.52 0.39 0.00	40.66 0.16 0.00	46.60 0.32 0.00	52.19 0.57 0.00	53.04 0.63 0.00	47.03 0.56 0.00	43.74 0.35 0.00	39.71 1.01 0.00	35.85 0.60 0.00	31.51 0.06 0.00
OLIN_CORP_DSASP 323712	32.41 -1.04 0.00	29.96 -1.02 0.00	27.00 -0.98 0.00	25.26 -0.84 0.00	24.42 -0.94 0.00	25.02 -1.04 0.00	23.55 -1.37 0.00	23.38 -1.18 0.00	25.13 -1.21 0.00	27.23 -1.46 0.00	30.42 -0.56 0.00	32.74 -0.67 0.00	35.51 -0.58 0.00	38.36 0.27 0.00	39.09 -0.04 0.00	40.17 -0.33 0.00	46.05 -0.23 0.00	51.62 0.00 0.00	52.51 0.11 0.00	46.43 -0.05 0.00	43.18 -0.22 0.00	39.29 0.58 0.00	35.47 0.21 0.00	31.16 -0.28 0.00
ONEIDA_HERK_LFGE 323681	34.32 0.73 -0.14	31.71 0.68 -0.04	28.57 0.59 0.00	26.62 0.52 0.00	25.84 0.48 0.00	26.55 0.49 0.00	25.37 0.45 0.00	25.04 0.49 0.00	26.84 0.50 0.00	29.21 0.52 0.00	31.53 0.56 0.00	34.16 0.67 -0.09	36.91 0.72 -0.09	39.03 0.80 -0.13	39.80 0.62 -0.04	41.07 0.57 0.00	46.88 0.60 0.00	52.40 0.78 0.00	53.44 0.94 -0.09	47.85 1.07 -0.31	44.67 1.00 -0.28	39.92 0.93 -0.29	36.24 0.64 -0.35	32.01 0.50 -0.07
ONEIDA___115KV_TB4 55905	34.67 1.04 -0.19	32.00 0.96 -0.06	28.79 0.81 0.00	26.85 0.76 0.00	26.04 0.68 0.00	26.76 0.70 0.00	25.55 0.62 0.00	25.22 0.66 0.00	27.00 0.66 0.00	29.44 0.75 0.00	31.78 0.81 0.00	34.53 1.00 -0.12	37.34 1.12 -0.12	39.65 1.37 -0.18	40.44 1.25 -0.06	41.84 1.34 0.00	47.80 1.53 0.00	53.48 1.86 0.00	54.63 2.10 -0.12	48.95 2.04 -0.43	45.64 1.87 -0.39	40.77 1.66 -0.40	37.00 1.27 -0.47	32.57 1.04 -0.09
ONONDAGA_REF_OCCRA 23987	33.90 0.03 -0.43	31.08 -0.03 -0.13	27.93 -0.06 0.00	26.02 -0.08 0.00	25.26 -0.10 0.00	25.96 -0.10 0.00	24.75 -0.17 0.00	24.48 -0.07 0.00	26.23 -0.11 0.00	28.63 -0.06 0.00	30.97 0.00 0.00	33.77 0.10 -0.26	36.55 0.18 -0.27	38.95 0.46 -0.39	39.61 0.35 -0.13	40.94 0.45 0.00	46.79 0.51 0.00	52.40 0.77 0.00	53.62 0.94 -0.27	48.15 0.74 -0.94	44.89 0.65 -0.84	40.16 0.58 -0.87	36.68 0.39 -1.04	31.83 0.19 -0.20
ONONDAGA___COGEN 23986	34.20 0.10 -0.65	31.21 0.03 -0.19	27.95 -0.03 0.00	26.07 -0.03 0.00	25.28 -0.08 0.00	26.01 -0.05 0.00	24.80 -0.12 0.00	24.53 -0.02 0.00	26.29 -0.05 0.00	28.69 0.00 0.00	31.04 0.06 0.00	33.97 0.17 -0.39	36.76 0.25 -0.42	39.23 0.53 -0.60	39.76 0.43 -0.20	40.99 0.49 0.00	46.83 0.56 0.00	52.45 0.83 0.00	53.82 1.00 -0.42	48.65 0.74 -1.43	45.38 0.69 -1.29	40.62 0.58 -1.34	37.26 0.42 -1.59	31.97 0.22 -0.30
ONTARIO___LFGE 23819	34.33 0.67 -0.22	31.57 0.53 -0.06	28.32 0.34 0.00	26.41 0.31 0.00	25.56 0.20 0.00	26.35 0.29 0.00	25.03 0.10 0.00	24.87 0.32 0.00	26.58 0.24 0.00	28.95 0.26 0.00	31.65 0.68 0.00	34.31 0.77 -0.13	37.24 1.01 -0.14	39.74 1.45 -0.20	40.41 1.21 -0.07	41.76 1.26 0.00	47.80 1.52 0.00	53.89 2.27 0.00	55.27 2.72 -0.14	49.18 2.23 -0.48	45.86 2.04 -0.43	41.12 1.97 -0.44	37.44 1.66 -0.53	32.58 1.04 -0.10
ORANGEVILLE_WT_PWR 323706	33.61 0.17 0.00	31.08 0.09 0.00	27.98 0.00 0.00	26.15 0.05 0.00	25.21 -0.15 0.00	25.96 -0.10 0.00	24.50 -0.42 0.00	24.38 -0.17 0.00	26.21 -0.13 0.00	28.40 -0.29 0.00	31.53 0.56 0.00	33.98 0.57 0.00	36.92 0.83 0.00	39.77 1.67 0.00	40.54 1.41 0.00	41.71 1.21 0.00	47.80 1.52 0.00	53.74 2.12 0.00	54.71 2.30 0.00	48.42 1.95 0.00	45.04 1.65 0.00	40.76 2.05 0.00	36.74 1.48 0.00	32.26 0.82 0.00
ORANGEVILLE___ESR 323794	33.61 0.17 0.00	31.08 0.09 0.00	27.98 0.00 0.00	26.15 0.05 0.00	25.21 -0.15 0.00	25.96 -0.10 0.00	24.50 -0.42 0.00	24.38 -0.17 0.00	26.21 -0.13 0.00	28.40 -0.29 0.00	31.53 0.56 0.00	33.98 0.57 0.00	36.92 0.83 0.00	39.77 1.67 0.00	40.54 1.41 0.00	41.71 1.21 0.00	47.80 1.52 0.00	53.74 2.12 0.00	54.71 2.30 0.00	48.42 1.95 0.00	45.04 1.65 0.00	40.76 2.05 0.00	36.74 1.48 0.00	32.26 0.82 0.00
OSWEGATCHIE___HYD 24044	33.12 -0.54 -0.22	30.61 -0.43 -0.06	27.53 -0.45 0.00	25.65 -0.44 0.00	24.93 -0.43 0.00	25.64 -0.42 0.00	24.53 -0.40 0.00	24.21 -0.34 0.00	25.84 -0.50 0.00	28.12 -0.57 0.00	30.29 -0.68 0.00	32.84 -0.70 -0.13	35.44 -0.79 -0.14	37.19 -1.11 -0.20	37.83 -1.37 -0.07	38.72 -1.78 0.00	44.20 -2.08 0.00	49.30 -2.32 0.00	50.40 -2.15 -0.14	45.37 -1.58 -0.48	42.53 -1.30 -0.43	37.95 -1.20 -0.45	35.08 -0.70 -0.53	30.82 -0.72 -0.10
OSWEGO___5 23606	35.59 -0.60 -2.74	31.20 -0.59 -0.81	27.42 -0.56 0.00	25.57 -0.52 0.00	24.82 -0.53 0.00	25.51 -0.55 0.00	24.35 -0.57 0.00	24.06 -0.49 0.00	25.79 -0.55 0.00	28.12 -0.57 0.00	30.45 -0.53 0.00	34.50 -0.57 -1.66	37.31 -0.54 -1.75	40.25 -0.38 -2.54	39.50 -0.47 -0.84	40.05 -0.44 0.00	45.72 -0.55 0.00	51.16 -0.47 0.00	53.79 -0.36 -1.75	52.08 -0.42 -6.03	48.44 -0.39 -5.44	44.01 -0.31 -5.61	41.54 -0.39 -6.67	32.24 -0.47 -1.27
OSWEGO___6 23613	35.59 -0.60 -2.74	31.20 -0.59 -0.81	27.42 -0.56 0.00	25.57 -0.52 0.00	24.82 -0.53 0.00	25.51 -0.55 0.00	24.35 -0.57 0.00	24.06 -0.49 0.00	25.79 -0.55 0.00	28.12 -0.57 0.00	30.45 -0.53 0.00	34.50 -0.57 -1.66	37.31 -0.54 -1.75	40.25 -0.38 -2.54	39.50 -0.47 -0.84	40.05 -0.44 0.00	45.72 -0.55 0.00	51.16 -0.47 0.00	53.79 -0.36 -1.75	52.08 -0.42 -6.03	48.44 -0.39 -5.44	44.01 -0.31 -5.61	41.54 -0.39 -6.67	32.24 -0.47 -1.27

OUTOKUMPU-AB___DRP 24206	33.38 -0.07 0.00	30.83 -0.15 0.00	27.79 -0.20 0.00	25.99 -0.10 0.00	25.03 -0.33 0.00	25.75 -0.31 0.00	24.23 -0.70 0.00	24.09 -0.47 0.00	25.92 -0.42 0.00	28.06 -0.63 0.00	30.88 -0.09 0.00	33.81 0.40 0.00	36.74 0.65 0.00	39.73 1.64 0.00	40.50 1.37 0.00	41.59 1.09 0.00	47.66 1.39 0.00	53.38 1.76 0.00	54.24 1.83 0.00	48.05 1.58 0.00	44.65 1.26 0.00	40.53 1.82 0.00	36.59 1.34 0.00	32.10 0.66 0.00
OXBOW___BTM 323836	32.91 -0.54 0.00	30.39 -0.59 0.00	27.39 -0.59 0.00	25.63 -0.47 0.00	24.75 -0.61 0.00	25.41 -0.65 0.00	23.90 -1.02 0.00	23.74 -0.81 0.00	25.52 -0.82 0.00	27.66 -1.03 0.00	30.94 -0.03 0.00	33.31 -0.10 0.00	36.20 0.11 0.00	39.12 1.03 0.00	39.87 0.74 0.00	40.95 0.45 0.00	46.92 0.65 0.00	52.60 0.98 0.00	53.51 1.10 0.00	47.31 0.84 0.00	43.96 0.56 0.00	39.98 1.28 0.00	36.07 0.81 0.00	31.67 0.22 0.00
OXBOW___ 24026	32.91 -0.54 0.00	30.39 -0.59 0.00	27.39 -0.59 0.00	25.63 -0.47 0.00	24.67 -0.68 0.00	25.41 -0.65 0.00	23.90 -1.02 0.00	23.74 -0.81 0.00	25.52 -0.82 0.00	27.66 -1.03 0.00	30.42 -0.56 0.00	33.31 -0.10 0.00	36.20 0.11 0.00	39.12 1.03 0.00	39.88 0.74 0.00	40.94 0.45 0.00	46.92 0.65 0.00	52.55 0.93 0.00	53.40 1.00 0.00	47.31 0.84 0.00	43.96 0.56 0.00	39.94 1.24 0.00	36.03 0.78 0.00	31.66 0.22 0.00
OXY_CHEM_DSASP 323612	32.41 -1.04 0.00	29.93 -1.05 0.00	27.00 -0.98 0.00	25.26 -0.84 0.00	24.29 -1.06 0.00	25.02 -1.04 0.00	23.55 -1.37 0.00	23.38 -1.18 0.00	25.13 -1.21 0.00	27.23 -1.46 0.00	29.92 -1.05 0.00	32.74 -0.67 0.00	35.55 -0.54 0.00	38.36 0.27 0.00	39.09 -0.04 0.00	40.18 -0.32 0.00	46.05 -0.23 0.00	51.52 -0.10 0.00	52.41 0.00 0.00	46.43 -0.05 0.00	43.18 -0.22 0.00	39.25 0.54 0.00	35.43 0.18 0.00	31.16 -0.28 0.00
OZONE_PARK_ESR 323760	36.45 3.01 0.00	33.74 2.76 0.00	30.39 2.41 0.00	28.21 2.11 0.00	27.41 2.05 0.00	28.17 2.11 0.00	27.09 2.17 0.00	26.64 2.09 0.00	28.74 2.40 0.00	31.42 2.73 0.00	33.92 2.94 0.00	36.45 3.04 0.00	39.34 3.25 0.00	41.94 3.85 0.00	43.36 4.23 0.00	44.71 4.21 0.00	51.00 4.72 0.00	56.78 5.16 0.00	57.39 4.98 0.00	50.75 4.28 0.00	47.59 3.91 -0.29	42.27 3.56 0.00	38.22 2.96 0.00	34.24 2.80 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	32.41 -1.04 0.00	29.93 -1.05 0.00	27.00 -0.98 0.00	25.26 -0.84 0.00	24.29 -1.06 0.00	25.02 -1.04 0.00	23.55 -1.37 0.00	23.38 -1.18 0.00	25.13 -1.21 0.00	27.23 -1.46 0.00	29.92 -1.05 0.00	32.74 -0.67 0.00	35.55 -0.54 0.00	38.36 0.27 0.00	39.09 -0.04 0.00	40.18 -0.32 0.00	46.05 -0.23 0.00	51.52 -0.10 0.00	52.41 0.00 0.00	46.43 -0.05 0.00	43.18 -0.22 0.00	39.25 0.54 0.00	35.43 0.18 0.00	31.16 -0.28 0.00
PACKARD__115KV_DUPONT_184 80571	32.41 -1.04 0.00	29.93 -1.05 0.00	27.00 -0.98 0.00	25.26 -0.84 0.00	24.29 -1.06 0.00	25.02 -1.04 0.00	23.55 -1.37 0.00	23.38 -1.18 0.00	25.13 -1.21 0.00	27.23 -1.46 0.00	29.92 -1.05 0.00	32.74 -0.67 0.00	35.55 -0.54 0.00	38.36 0.27 0.00	39.09 -0.04 0.00	40.18 -0.32 0.00	46.05 -0.23 0.00	51.52 -0.10 0.00	52.41 0.00 0.00	46.43 -0.05 0.00	43.18 -0.22 0.00	39.25 0.54 0.00	35.43 0.18 0.00	31.16 -0.28 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	36.29 2.84 -0.01	33.56 2.57 -0.01	30.26 2.27 -0.01	28.11 2.01 -0.01	27.32 1.95 -0.01	28.02 1.95 0.00	26.87 1.94 0.00	26.37 1.82 0.00	28.39 2.05 0.00	31.07 2.38 0.00	33.61 2.63 0.00	36.12 2.71 0.00	38.73 2.63 0.00	41.33 3.24 0.00	42.85 3.72 0.00	44.02 3.52 0.00	50.16 3.89 0.01	55.95 4.34 0.01	56.59 4.19 0.01	49.86 3.39 0.00	46.90 3.21 -0.29	41.88 3.17 0.00	37.93 2.68 0.00	34.03 2.58 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	36.69 3.24 -0.01	33.97 2.97 -0.01	30.59 2.60 -0.01	28.40 2.30 -0.01	27.60 2.23 -0.01	28.30 2.24 0.00	27.12 2.19 0.00	26.64 2.09 0.00	28.63 2.29 0.00	31.36 2.67 0.00	33.92 2.94 0.00	36.45 3.04 0.00	39.13 3.03 0.00	41.75 3.66 0.00	43.32 4.19 0.00	44.47 3.97 0.00	50.67 4.40 0.01	56.57 4.96 0.01	57.17 4.77 0.01	50.38 3.90 0.00	47.37 3.69 -0.29	42.31 3.60 0.00	38.32 3.07 0.00	34.38 2.92 -0.01
PATROON__115KV_TB1 80586	34.41 0.97 0.00	31.88 0.90 0.00	28.79 0.81 0.00	26.88 0.78 0.00	26.19 0.84 0.00	26.87 0.81 0.00	25.82 0.90 0.00	25.27 0.71 0.00	27.16 0.82 0.00	29.49 0.80 0.00	31.78 0.81 0.00	34.28 0.87 0.00	37.03 0.94 0.00	39.35 1.26 0.00	40.50 1.37 0.00	42.04 1.54 0.00	48.13 1.85 0.00	53.74 2.12 0.00	54.50 2.10 0.00	48.24 1.77 0.00	47.21 1.65 -2.17	39.94 1.24 0.00	36.10 0.85 0.00	32.29 0.85 0.00
PATTRSNVILLE___SOLAR 323815	35.18 1.74 0.00	32.59 1.61 0.00	29.41 1.43 0.00	27.43 1.33 0.00	26.70 1.34 0.00	27.42 1.35 0.00	26.17 1.25 0.00	25.68 1.13 0.00	27.53 1.19 0.00	29.81 1.12 0.00	32.06 1.08 0.00	34.55 1.14 0.00	37.32 1.23 0.00	39.66 1.56 0.00	40.74 1.61 0.00	42.28 1.78 0.00	48.64 2.36 0.00	54.56 2.94 0.00	55.76 3.36 0.00	49.54 3.07 0.00	49.74 2.86 -3.49	41.22 2.51 0.00	37.12 1.87 0.00	33.11 1.67 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	33.54 0.10 0.00	31.01 0.03 0.00	27.93 -0.06 0.00	26.10 0.00 0.00	25.13 -0.23 0.00	25.88 -0.18 0.00	24.40 -0.52 0.00	24.36 -0.20 0.00	26.23 -0.11 0.00	28.40 -0.29 0.00	31.25 0.28 0.00	34.21 0.80 0.00	37.21 1.12 0.00	40.23 2.13 0.00	41.05 1.92 0.00	42.12 1.62 0.00	48.27 1.99 0.00	54.15 2.53 0.00	55.03 2.62 0.00	48.75 2.28 0.00	45.22 1.82 0.00	40.95 2.24 0.00	36.91 1.66 0.00	32.32 0.88 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	36.08 2.64 0.00	33.46 2.48 0.00	30.16 2.18 0.00	28.00 1.91 0.00	27.23 1.88 0.00	27.94 1.88 0.00	26.84 1.92 0.00	26.35 1.79 0.00	28.37 2.03 0.00	31.07 2.38 0.00	33.55 2.57 0.00	36.12 2.71 0.00	39.09 3.00 0.00	41.75 3.66 0.00	43.24 4.11 0.00	44.75 4.25 0.00	51.37 5.09 0.00	57.20 5.58 0.00	58.01 5.61 0.00	51.21 4.74 0.00	47.69 3.99 -0.30	41.96 3.25 0.00	37.72 2.47 0.00	33.77 2.33 0.00
PEEKSKILL___ 23653	35.65 2.21 0.00	33.03 2.04 0.00	29.80 1.82 0.00	27.69 1.59 0.00	26.93 1.57 0.00	27.65 1.59 0.00	26.57 1.64 0.00	26.13 1.57 0.00	28.13 1.79 0.00	30.70 2.01 0.00	33.05 2.08 0.00	35.58 2.17 0.00	38.44 2.34 0.00	40.95 2.86 0.00	42.34 3.21 0.00	43.78 3.28 0.00	50.07 3.80 0.00	55.65 4.03 0.00	56.34 3.93 0.00	49.86 3.39 0.00	46.67 2.99 -0.29	41.41 2.71 0.00	37.23 1.97 0.00	33.39 1.95 0.00
PGE MADISON___WINDPWR 24146	36.91 3.21 -0.26	34.06 3.00 -0.08	30.61 2.63 0.00	28.50 2.40 0.00	27.61 2.26 0.00	28.41 2.35 0.00	27.02 2.09 0.00	26.84 2.28 0.00	28.63 2.29 0.00	31.13 2.44 0.00	33.67 2.69 0.00	36.61 3.04 -0.16	39.62 3.36 -0.17	42.14 3.81 -0.24	42.81 3.60 -0.08	44.22 3.72 0.00	50.63 4.35 0.00	56.99 5.37 0.00	58.60 6.02 -0.16	52.94 5.90 -0.57	49.48 5.38 -0.70	44.19 4.96 -0.53	39.87 3.98 -0.63	34.80 3.24 -0.12

PIERCEFIELD___HYD 23852	32.52 -1.04 -0.11	30.15 -0.87 -0.03	27.20 -0.78 0.00	25.31 -0.78 0.00	24.62 -0.74 0.00	25.33 -0.73 0.00	24.33 -0.60 0.00	23.99 -0.56 0.00	25.63 -0.71 0.00	27.86 -0.83 0.00	30.05 -0.93 0.00	32.48 -1.00 -0.07	35.01 -1.15 -0.07	36.45 -1.75 -0.10	37.25 -1.92 -0.03	37.91 -2.59 0.00	43.22 -3.05 0.00	47.96 -3.67 0.00	48.91 -3.56 -0.07	43.79 -2.93 -0.25	41.14 -2.47 -0.22	37.39 -1.55 -0.23	34.40 -1.13 -0.27	30.46 -1.04 -0.05
PINELAWN_CC_1 323563	38.55 3.18 -1.93	37.97 2.88 -4.10	37.00 2.57 -6.45	34.49 2.30 -6.09	32.97 2.26 -5.36	32.81 2.32 -4.43	27.35 2.32 -0.11	29.99 2.23 -3.20	35.32 2.48 -6.51	36.87 2.75 -5.42	34.03 2.91 -0.14	37.25 3.11 -0.73	39.32 3.18 -0.05	41.69 3.54 -0.05	42.61 3.48 0.00	44.31 3.81 0.00	51.00 4.35 -0.38	56.78 4.59 -0.57	56.81 4.40 0.00	50.33 3.86 0.00	47.11 3.43 -0.29	41.92 3.21 0.00	37.86 2.61 0.00	34.02 2.58 0.00
PJM_GEN_HTP_PROXY 323702	35.98 2.54 0.00	33.31 2.32 0.00	30.02 2.04 0.00	27.90 1.80 0.00	27.10 1.75 0.00	27.88 1.82 0.00	26.80 1.87 0.00	26.35 1.79 0.00	28.40 2.06 0.00	31.04 2.35 0.00	33.42 2.45 0.00	35.98 2.57 0.00	38.84 2.74 0.00	41.41 3.31 0.00	41.91 3.64 0.86	45.01 3.65 -0.86	50.39 4.12 0.00	55.96 4.34 0.00	56.55 4.14 0.00	50.10 3.63 0.00	46.94 3.26 -0.29	41.80 3.10 0.00	37.62 2.36 0.00	33.74 2.29 0.00
PJM_GEN_KEystone 24065	34.21 0.77 0.00	31.70 0.71 0.00	28.57 0.59 0.00	26.62 0.52 0.00	25.79 0.43 0.00	25.83 0.44 0.67	25.30 0.37 0.00	25.07 0.52 0.00	26.97 0.63 0.00	29.35 0.66 0.00	32.00 1.02 0.00	34.48 1.07 0.00	37.36 1.26 0.00	39.96 1.87 0.00	40.23 1.96 0.86	43.23 1.86 -0.86	48.13 2.18 0.32	53.54 2.53 0.61	54.12 2.46 0.75	48.23 2.09 0.33	45.16 1.78 0.01	40.64 1.93 0.00	36.56 1.31 0.00	32.45 1.01 0.00
PJM_GEN_NEPTUNE_PROXY 323594	37.15 2.68 -1.04	35.67 2.48 -2.21	33.66 2.21 -3.46	31.35 1.98 -3.27	30.16 1.93 -2.88	30.42 1.98 -2.38	27.00 2.02 -0.06	28.21 1.94 -1.72	32.02 2.18 -3.50	34.07 2.47 -2.91	33.59 2.54 -0.08	36.51 2.70 -0.39	38.84 2.74 0.00	41.22 3.12 0.00	41.71 3.44 0.86	45.08 3.72 -0.86	50.58 4.30 0.00	56.16 4.54 0.00	56.75 4.35 0.00	50.24 3.76 0.00	46.89 3.21 -0.29	41.69 2.98 0.00	37.41 2.15 0.00	33.61 2.17 0.00
PJM_GEN_VFT_PROXY 323633	35.95 2.51 0.00	33.28 2.29 0.00	29.97 1.99 0.00	27.85 1.75 0.00	27.06 1.70 0.00	27.86 1.80 0.00	26.77 1.84 0.00	26.27 1.72 0.00	28.34 2.00 0.00	30.96 2.27 0.00	33.36 2.39 0.00	35.92 2.51 0.00	38.76 2.67 0.00	41.33 3.24 0.00	41.79 3.52 0.86	44.76 3.40 -0.86	45.48 3.80 4.59	46.94 4.03 8.71	45.45 3.82 10.78	45.07 3.35 4.75	43.94 3.04 2.49	41.73 3.02 0.00	37.58 2.33 0.00	33.71 2.27 0.00
PLATSBURG_115KV_PMLD1 355749	33.71 0.27 0.00	31.35 0.37 0.00	28.26 0.28 0.00	26.31 0.21 0.00	25.61 0.25 0.00	26.45 0.39 0.00	25.47 0.55 0.00	25.24 0.69 0.00	27.00 0.66 0.00	29.35 0.66 0.00	31.75 0.77 0.00	34.21 0.80 0.00	36.82 0.72 0.00	37.64 -0.46 0.00	38.54 -0.59 0.00	39.85 -0.65 0.00	45.49 -0.79 0.00	49.45 -2.17 0.00	50.31 -2.10 0.00	45.50 -0.98 0.00	42.83 -0.56 0.00	38.94 0.23 0.00	35.64 0.39 0.00	31.66 0.22 0.00
PLEASANTVLY___LBMP 24000	35.42 1.97 0.00	32.78 1.80 0.00	29.60 1.62 0.00	27.56 1.46 0.00	26.80 1.45 0.00	27.52 1.46 0.00	26.42 1.50 0.00	25.95 1.40 0.00	27.95 1.61 0.00	30.47 1.78 0.00	32.83 1.86 0.00	35.31 1.90 0.00	38.12 2.02 0.00	40.57 2.48 0.00	41.91 2.78 0.00	43.37 2.88 0.00	49.61 3.33 0.00	55.23 3.61 0.00	55.87 3.46 0.00	49.45 2.97 0.00	46.39 2.69 -0.31	40.95 2.24 0.00	36.98 1.73 0.00	33.17 1.73 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	35.78 2.34 0.00	33.12 2.14 0.00	29.88 1.90 0.00	27.79 1.70 0.00	27.03 1.67 0.00	27.78 1.72 0.00	26.67 1.74 0.00	26.22 1.67 0.00	28.24 1.90 0.00	30.81 2.12 0.00	33.27 2.29 0.00	35.75 2.34 0.00	38.66 2.56 0.00	41.18 3.09 0.00	42.58 3.44 0.00	44.02 3.52 0.00	50.35 4.07 0.00	56.01 4.39 0.00	56.60 4.19 0.00	50.05 3.58 0.00	46.85 3.17 -0.29	41.45 2.75 0.00	37.41 2.15 0.00	33.55 2.11 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	35.78 2.34 0.00	33.12 2.14 0.00	29.88 1.90 0.00	27.79 1.70 0.00	27.03 1.67 0.00	27.78 1.72 0.00	26.67 1.74 0.00	26.22 1.67 0.00	28.24 1.90 0.00	30.81 2.12 0.00	33.27 2.29 0.00	35.75 2.34 0.00	38.66 2.56 0.00	41.18 3.09 0.00	42.58 3.44 0.00	44.02 3.52 0.00	50.35 4.07 0.00	56.01 4.39 0.00	56.60 4.19 0.00	50.05 3.58 0.00	46.85 3.17 -0.29	41.45 2.75 0.00	37.41 2.15 0.00	33.55 2.11 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	35.68 2.24 0.00	33.06 2.08 0.00	29.83 1.85 0.00	27.77 1.67 0.00	27.00 1.65 0.00	27.70 1.64 0.00	26.57 1.65 0.00	26.08 1.52 0.00	28.08 1.74 0.00	30.64 1.95 0.00	33.05 2.08 0.00	35.51 2.10 0.00	38.37 2.27 0.00	40.84 2.74 0.00	42.18 3.05 0.00	43.66 3.16 0.00	50.03 3.75 0.00	55.75 4.13 0.00	56.49 4.09 0.00	50.05 3.58 0.00	46.98 3.25 -0.33	41.38 2.67 0.00	37.33 2.08 0.00	33.46 2.01 0.00
POLETTI_____ 23519	36.02 2.58 0.00	33.34 2.35 0.00	30.05 2.07 0.00	27.90 1.80 0.00	27.11 1.75 0.00	27.89 1.82 0.00	26.80 1.87 0.00	26.35 1.79 0.00	28.39 2.05 0.00	31.04 2.35 0.00	33.51 2.54 0.00	35.98 2.57 0.00	38.84 2.74 0.00	41.41 3.31 0.00	42.77 3.64 0.00	44.10 3.60 0.00	50.30 4.03 0.00	55.96 4.34 0.00	56.55 4.14 0.00	50.05 3.58 0.00	46.94 3.25 -0.29	41.69 2.98 0.00	37.69 2.43 0.00	33.77 2.33 0.00
POMONA___ESR 323819	35.55 2.11 0.00	32.94 1.95 0.00	29.75 1.76 0.00	27.64 1.54 0.00	26.88 1.52 0.00	27.60 1.54 0.00	26.50 1.57 0.00	26.08 1.52 0.00	28.10 1.76 0.00	30.64 1.95 0.00	32.93 1.95 0.00	35.45 2.04 0.00	38.30 2.20 0.00	40.76 2.67 0.00	42.15 3.01 0.00	43.58 3.08 0.00	49.79 3.52 0.00	55.39 3.77 0.00	56.07 3.67 0.00	49.63 3.16 0.00	46.49 2.82 -0.28	41.30 2.59 0.00	37.09 1.83 0.00	33.27 1.82 0.00
PORT_JEFF_3 23555	38.41 3.04 -1.93	37.84 2.76 -4.10	36.86 2.43 -6.45	34.38 2.19 -6.09	32.84 2.13 -5.36	32.71 2.21 -4.43	27.28 2.24 -0.11	29.91 2.16 -3.20	35.24 2.40 -6.51	36.69 2.58 -5.42	33.81 2.69 -0.14	36.98 2.84 -0.73	38.94 2.82 -0.03	41.32 3.20 -0.03	42.69 3.56 0.00	44.56 4.05 -0.01	56.69 4.63 -5.78	65.19 4.91 -8.66	57.14 4.72 -0.01	50.67 4.18 -0.01	47.25 3.56 -0.30	41.61 2.90 0.00	37.16 1.90 0.00	33.58 2.14 0.00
PORT_JEFF_4 23616	38.41 3.04 -1.93	37.84 2.76 -4.10	36.86 2.43 -6.45	34.38 2.19 -6.09	32.84 2.13 -5.36	32.71 2.21 -4.43	27.28 2.24 -0.11	29.91 2.16 -3.20	35.24 2.40 -6.51	36.69 2.58 -5.42	33.81 2.69 -0.14	36.98 2.84 -0.73	38.94 2.82 -0.03	41.32 3.20 -0.03	42.69 3.56 0.00	44.56 4.05 -0.01	56.69 4.63 -5.78	65.19 4.91 -8.66	57.14 4.72 -0.01	50.67 4.18 -0.01	47.25 3.56 -0.30	41.61 2.90 0.00	37.16 1.90 0.00	33.58 2.14 0.00

PORT_JEFF_IC 23713	38.51 3.14 -1.93	37.94 2.85 -4.10	36.92 2.49 -6.45	34.43 2.24 -6.09	32.92 2.21 -5.36	32.76 2.27 -4.43	27.33 2.29 -0.11	29.99 2.23 -3.20	35.30 2.45 -6.51	36.78 2.67 -5.42	34.03 2.91 -0.14	37.14 3.01 -0.73	39.15 3.03 -0.03	41.47 3.35 -0.03	42.89 3.76 0.00	44.81 4.29 -0.01	57.76 4.81 -6.67	66.72 5.11 -9.99	57.19 4.77 -0.01	50.90 4.41 -0.01	47.52 3.82 -0.30	41.69 2.98 0.00	37.33 2.08 0.00	33.68 2.23 0.00
PPL PILGRIM_ST_GT1 24216	38.68 3.31 -1.93	38.09 3.00 -4.10	37.11 2.69 -6.45	34.62 2.43 -6.09	33.07 2.36 -5.36	32.92 2.42 -4.43	27.48 2.44 -0.11	30.11 2.36 -3.20	35.45 2.61 -6.51	36.98 2.87 -5.42	34.18 3.07 -0.14	37.41 3.28 -0.73	39.44 3.28 -0.06	41.58 3.43 -0.06	42.89 3.76 0.00	44.67 4.17 0.00	52.28 4.81 -1.19	58.52 5.11 -1.78	57.33 4.92 0.00	51.03 4.56 0.00	47.59 3.91 -0.29	42.26 3.52 -0.03	37.79 2.54 0.00	33.99 2.55 0.00
PPL PILGRIM_ST_GT2 24217	38.68 3.31 -1.93	38.09 3.00 -4.10	37.11 2.69 -6.45	34.62 2.43 -6.09	33.07 2.36 -5.36	32.92 2.42 -4.43	27.48 2.44 -0.11	30.11 2.36 -3.20	35.45 2.61 -6.51	36.98 2.87 -5.42	34.18 3.07 -0.14	37.41 3.28 -0.73	39.44 3.28 -0.06	41.58 3.43 -0.06	42.89 3.76 0.00	44.67 4.17 0.00	52.28 4.81 -1.19	58.52 5.11 -1.78	57.33 4.92 0.00	51.03 4.56 0.00	47.59 3.91 -0.29	42.26 3.52 -0.03	37.79 2.54 0.00	33.99 2.55 0.00
PPL_SHRM_GT3 24213	38.28 2.91 -1.93	37.69 2.60 -4.10	36.69 2.27 -6.45	34.35 2.16 -6.09	32.84 2.13 -5.36	32.68 2.19 -4.43	27.30 2.27 -0.11	29.94 2.18 -3.20	35.19 2.34 -6.51	36.55 2.44 -5.42	33.84 2.73 -0.14	37.08 2.94 -0.73	39.08 2.96 -0.03	41.47 3.35 -0.03	42.85 3.72 0.00	45.05 4.53 -0.01	57.60 5.41 -5.91	66.35 5.88 -8.85	58.13 5.71 -0.01	51.27 4.79 -0.01	47.77 4.08 -0.30	41.73 3.02 0.00	37.16 1.90 0.00	33.46 2.01 0.00
PPL_SHRM_GT4 24214	38.28 2.91 -1.93	37.69 2.60 -4.10	36.69 2.27 -6.45	34.35 2.16 -6.09	32.84 2.13 -5.36	32.68 2.19 -4.43	27.30 2.27 -0.11	29.94 2.18 -3.20	35.19 2.34 -6.51	36.55 2.44 -5.42	33.84 2.73 -0.14	37.08 2.94 -0.73	39.08 2.96 -0.03	41.47 3.35 -0.03	42.85 3.72 0.00	45.05 4.53 -0.01	57.60 5.41 -5.91	66.35 5.88 -8.85	58.13 5.71 -0.01	51.27 4.79 -0.01	47.77 4.08 -0.30	41.73 3.02 0.00	37.16 1.90 0.00	33.46 2.01 0.00
PROJECT___ORANGE 1 24174	33.73 -0.07 -0.35	30.96 -0.12 -0.10	27.84 -0.14 0.00	25.97 -0.13 0.00	25.18 -0.18 0.00	25.90 -0.16 0.00	24.70 -0.22 0.00	24.41 -0.15 0.00	26.16 -0.18 0.00	28.55 -0.14 0.00	30.88 -0.09 0.00	33.62 0.00 -0.21	36.43 0.11 -0.23	38.76 0.34 -0.33	39.47 0.23 -0.11	40.78 0.28 0.00	46.65 0.37 0.00	52.24 0.62 0.00	53.31 0.68 -0.22	47.76 0.51 -0.78	44.57 0.48 -0.70	39.82 0.39 -0.72	36.36 0.25 -0.86	31.67 0.06 -0.16
PROJECT___ORANGE 2 24166	33.73 -0.07 -0.35	30.96 -0.12 -0.10	27.84 -0.14 0.00	25.97 -0.13 0.00	25.18 -0.18 0.00	25.90 -0.16 0.00	24.70 -0.22 0.00	24.41 -0.15 0.00	26.16 -0.18 0.00	28.55 -0.14 0.00	30.88 -0.09 0.00	33.62 0.00 -0.21	36.43 0.11 -0.23	38.76 0.34 -0.33	39.47 0.23 -0.11	40.78 0.28 0.00	46.65 0.37 0.00	52.24 0.62 0.00	53.31 0.68 -0.22	47.76 0.51 -0.78	44.57 0.48 -0.70	39.82 0.39 -0.72	36.36 0.25 -0.86	31.67 0.06 -0.16
PUCKETT___SOLAR 323809	34.78 1.10 -0.24	32.04 0.99 -0.07	28.85 0.87 0.00	26.88 0.78 0.00	26.07 0.71 0.00	26.82 0.76 0.00	25.52 0.60 0.00	25.29 0.74 0.00	27.08 0.74 0.00	29.43 0.74 0.00	31.90 0.93 0.00	34.59 1.04 -0.14	37.43 1.19 -0.15	39.95 1.64 -0.22	40.73 1.52 -0.07	42.08 1.58 0.00	48.17 1.90 0.00	54.10 2.48 0.00	55.39 2.83 -0.15	49.64 2.65 -0.52	46.41 2.39 -0.63	41.47 2.28 -0.48	37.52 1.69 -0.57	32.84 1.29 -0.11
PYRITES___HYD 24023	33.08 -0.47 -0.10	30.73 -0.28 -0.03	27.67 -0.31 0.00	25.78 -0.31 0.00	25.05 -0.30 0.00	25.80 -0.26 0.00	24.73 -0.20 0.00	24.38 -0.17 0.00	26.00 -0.34 0.00	28.23 -0.46 0.00	30.42 -0.56 0.00	32.87 -0.60 -0.06	35.44 -0.72 -0.07	36.86 -1.33 -0.10	37.68 -1.49 -0.03	38.35 -2.15 0.00	43.78 -2.50 0.00	48.68 -2.94 0.00	49.75 -2.73 -0.07	44.66 -2.04 -0.23	41.99 -1.61 -0.21	38.18 -0.74 -0.21	35.08 -0.42 -0.25	31.05 -0.44 -0.05
QUAKERRD_115KV_BK1 80622	32.87 -0.57 0.00	30.36 -0.62 0.00	27.34 -0.64 0.00	25.50 -0.60 0.00	24.67 -0.68 0.00	25.41 -0.65 0.00	24.10 -0.82 0.00	23.94 -0.61 0.00	25.65 -0.68 0.00	27.94 -0.75 0.00	30.48 -0.50 0.00	33.11 -0.30 0.00	35.91 -0.18 0.00	38.47 0.38 0.00	39.25 0.12 0.00	40.62 0.12 0.00	46.42 0.14 0.00	52.09 0.46 0.00	53.09 0.68 0.00	46.94 0.46 0.00	43.83 0.43 0.00	39.33 0.62 0.00	35.50 0.25 0.00	31.32 -0.13 0.00
QUENSBRY_115KV_TB8 356137	36.92 3.48 0.00	34.24 3.25 0.00	30.72 2.74 0.00	28.63 2.53 0.00	28.02 2.66 0.00	28.75 2.68 0.00	27.54 2.62 0.00	26.96 2.41 0.00	29.11 2.77 0.00	31.76 3.07 0.00	33.95 2.97 0.00	36.75 3.34 0.00	39.45 3.36 0.00	42.02 3.92 0.00	43.08 3.95 0.00	44.71 4.21 0.00	51.32 5.04 0.00	57.61 5.99 0.00	59.17 6.76 0.00	52.37 5.90 0.00	52.44 5.86 -3.19	43.74 5.03 0.00	39.20 3.95 0.00	34.90 3.46 0.00
RAMAPO___LBMP 323565	35.38 1.94 0.00	32.81 1.83 0.00	29.60 1.62 0.00	27.53 1.44 0.00	26.78 1.42 0.00	27.49 1.43 0.00	26.40 1.47 0.00	25.98 1.42 0.00	28.00 1.66 0.00	30.53 1.84 0.00	32.89 1.92 0.00	35.35 1.94 0.00	38.19 2.09 0.00	40.65 2.55 0.00	41.99 2.86 0.00	43.42 2.92 0.00	49.65 3.38 0.00	55.29 3.67 0.00	55.87 3.46 0.00	49.45 2.97 0.00	46.32 2.65 -0.28	41.03 2.32 0.00	37.02 1.76 0.00	33.17 1.73 0.00
RANKINE____ 23646	33.61 0.17 0.00	31.04 0.06 0.00	27.98 0.00 0.00	26.15 0.05 0.00	25.18 -0.18 0.00	25.93 -0.13 0.00	24.43 -0.50 0.00	24.33 -0.22 0.00	26.18 -0.16 0.00	28.35 -0.34 0.00	31.19 0.22 0.00	34.14 0.74 0.00	37.10 1.01 0.00	40.11 2.02 0.00	40.89 1.76 0.00	42.00 1.50 0.00	48.08 1.80 0.00	53.89 2.27 0.00	54.82 2.41 0.00	48.56 2.09 0.00	45.08 1.69 0.00	40.87 2.17 0.00	36.88 1.62 0.00	32.32 0.88 0.00
RAVENSWOOD_GT2_1 24244	36.05 2.61 0.00	33.37 2.39 0.00	30.08 2.10 0.00	27.95 1.85 0.00	27.16 1.80 0.00	27.91 1.85 0.00	26.82 1.89 0.00	26.37 1.82 0.00	28.42 2.08 0.00	31.07 2.38 0.00	33.55 2.57 0.00	36.02 2.61 0.00	38.87 2.78 0.00	41.41 3.31 0.00	42.81 3.68 0.00	44.14 3.64 0.00	50.35 4.07 0.00	56.01 4.39 0.00	56.60 4.19 0.00	50.10 3.62 0.00	46.98 3.30 -0.29	41.73 3.02 0.00	37.72 2.47 0.00	33.83 2.39 0.00
RAVENSWOOD_GT2_2 24245	36.05 2.61 0.00	33.37 2.39 0.00	30.08 2.10 0.00	27.95 1.85 0.00	27.16 1.80 0.00	27.91 1.85 0.00	26.82 1.89 0.00	26.37 1.82 0.00	28.42 2.08 0.00	31.07 2.38 0.00	33.55 2.57 0.00	36.02 2.61 0.00	38.87 2.78 0.00	41.41 3.31 0.00	42.81 3.68 0.00	44.14 3.64 0.00	50.35 4.07 0.00	56.01 4.39 0.00	56.60 4.19 0.00	50.10 3.62 0.00	46.98 3.30 -0.29	41.73 3.02 0.00	37.72 2.47 0.00	33.83 2.39 0.00

RAVENSWOOD_GT2_3 24246	36.08 2.64 0.00	33.40 2.42 0.00	30.08 2.10 0.00	27.95 1.85 0.00	27.16 1.80 0.00	27.94 1.88 0.00	26.84 1.92 0.00	26.40 1.84 0.00	28.45 2.11 0.00	31.07 2.38 0.00	33.55 2.57 0.00	36.05 2.64 0.00	38.87 2.78 0.00	41.45 3.35 0.00	42.85 3.72 0.00	44.18 3.69 0.00	50.40 4.12 0.00	56.06 4.44 0.00	56.65 4.24 0.00	50.14 3.67 0.00	47.03 3.34 -0.29	41.76 3.06 0.00	37.76 2.50 0.00	33.83 2.39 0.00
RAVENSWOOD_GT2_4 24247	36.08 2.64 0.00	33.40 2.42 0.00	30.08 2.10 0.00	27.95 1.85 0.00	27.16 1.80 0.00	27.94 1.88 0.00	26.84 1.92 0.00	26.40 1.84 0.00	28.45 2.11 0.00	31.07 2.38 0.00	33.55 2.57 0.00	36.05 2.64 0.00	38.87 2.78 0.00	41.45 3.35 0.00	42.85 3.72 0.00	44.18 3.69 0.00	50.40 4.12 0.00	56.06 4.44 0.00	56.65 4.24 0.00	50.14 3.67 0.00	47.03 3.34 -0.29	41.76 3.06 0.00	37.76 2.50 0.00	33.83 2.39 0.00
RAVENSWOOD_GT3_1 24248	36.05 2.61 0.00	33.37 2.39 0.00	30.08 2.10 0.00	27.95 1.85 0.00	27.16 1.80 0.00	27.91 1.85 0.00	26.82 1.89 0.00	26.37 1.82 0.00	28.42 2.08 0.00	31.07 2.38 0.00	33.55 2.57 0.00	36.05 2.64 0.00	38.87 2.78 0.00	41.41 3.31 0.00	42.81 3.68 0.00	44.14 3.64 0.00	50.35 4.07 0.00	56.01 4.39 0.00	56.60 4.19 0.00	50.10 3.62 0.00	46.98 3.30 -0.29	41.73 3.02 0.00	37.72 2.47 0.00	33.83 2.39 0.00
RAVENSWOOD_GT3_2 24249	36.05 2.61 0.00	33.37 2.39 0.00	30.08 2.10 0.00	27.95 1.85 0.00	27.16 1.80 0.00	27.91 1.85 0.00	26.82 1.89 0.00	26.37 1.82 0.00	28.42 2.08 0.00	31.07 2.38 0.00	33.55 2.57 0.00	36.05 2.64 0.00	38.87 2.78 0.00	41.41 3.31 0.00	42.81 3.68 0.00	44.14 3.64 0.00	50.35 4.07 0.00	56.01 4.39 0.00	56.60 4.19 0.00	50.10 3.62 0.00	46.98 3.30 -0.29	41.73 3.02 0.00	37.72 2.47 0.00	33.83 2.39 0.00
RAVENSWOOD_GT3_3 24250	36.12 2.68 0.00	33.43 2.45 0.00	30.14 2.15 0.00	27.98 1.88 0.00	27.21 1.85 0.00	27.96 1.90 0.00	26.87 1.94 0.00	26.42 1.87 0.00	28.47 2.13 0.00	31.13 2.44 0.00	33.61 2.63 0.00	36.12 2.71 0.00	38.95 2.85 0.00	41.52 3.43 0.00	42.93 3.80 0.00	44.23 3.73 0.00	50.49 4.21 0.00	56.16 4.54 0.00	56.76 4.35 0.00	50.19 3.72 0.00	47.11 3.43 -0.29	41.80 3.10 0.00	37.79 2.54 0.00	33.90 2.45 0.00
RAVENSWOOD_GT3_4 24251	36.12 2.68 0.00	33.43 2.45 0.00	30.14 2.15 0.00	27.98 1.88 0.00	27.21 1.85 0.00	27.96 1.90 0.00	26.87 1.94 0.00	26.42 1.87 0.00	28.47 2.13 0.00	31.13 2.44 0.00	33.61 2.63 0.00	36.12 2.71 0.00	38.95 2.85 0.00	41.52 3.43 0.00	42.93 3.80 0.00	44.23 3.73 0.00	50.49 4.21 0.00	56.16 4.54 0.00	56.76 4.35 0.00	50.19 3.72 0.00	47.11 3.43 -0.29	41.80 3.10 0.00	37.79 2.54 0.00	33.90 2.45 0.00
RAVENSWOOD_GT_1 23729	36.19 2.74 0.00	33.49 2.51 0.00	30.19 2.21 0.00	28.03 1.93 0.00	27.26 1.90 0.00	27.99 1.93 0.00	26.87 1.94 0.00	26.42 1.87 0.00	28.47 2.13 0.00	31.16 2.47 0.00	33.68 2.69 -0.01	36.19 2.77 -0.01	38.91 2.82 0.00	41.48 3.39 0.00	43.11 3.83 -0.14	44.14 3.64 0.00	50.35 4.07 0.00	54.32 4.39 1.69	54.37 4.19 2.23	50.06 3.58 -0.01	47.03 3.34 -0.30	42.29 3.17 -0.41	37.91 2.64 -0.01	36.69 2.55 -2.69
RAVENSWOOD_GT_10 24258	36.05 2.61 0.00	33.37 2.39 0.00	30.08 2.10 0.00	27.95 1.85 0.00	27.16 1.80 0.00	27.91 1.85 0.00	26.82 1.89 0.00	26.37 1.82 0.00	28.42 2.08 0.00	31.07 2.38 0.00	33.55 2.57 0.00	36.02 2.61 0.00	38.87 2.78 0.00	41.41 3.31 0.00	42.81 3.68 0.00	44.14 3.64 0.00	50.40 4.12 0.00	56.06 4.44 0.00	56.60 4.19 0.00	50.10 3.62 0.00	46.98 3.30 -0.29	41.73 3.02 0.00	37.72 2.47 0.00	33.83 2.39 0.00
RAVENSWOOD_GT_11 24259	36.05 2.61 0.00	33.37 2.39 0.00	30.08 2.10 0.00	27.95 1.85 0.00	27.16 1.80 0.00	27.91 1.85 0.00	26.82 1.89 0.00	26.37 1.82 0.00	28.42 2.08 0.00	31.07 2.38 0.00	33.55 2.57 0.00	36.02 2.61 0.00	38.87 2.78 0.00	41.41 3.31 0.00	42.81 3.68 0.00	44.14 3.64 0.00	50.40 4.12 0.00	56.06 4.44 0.00	56.60 4.19 0.00	50.10 3.62 0.00	46.98 3.30 -0.29	41.73 3.02 0.00	37.72 2.47 0.00	33.83 2.39 0.00
RAVENSWOOD_GT_4 24252	36.05 2.61 0.00	33.37 2.39 0.00	30.08 2.10 0.00	27.95 1.85 0.00	27.16 1.80 0.00	27.91 1.85 0.00	26.82 1.89 0.00	26.37 1.82 0.00	28.42 2.08 0.00	31.07 2.38 0.00	33.52 2.54 -0.01	36.02 2.61 -0.01	38.87 2.78 0.00	41.45 3.35 0.00	42.92 3.68 -0.11	44.14 3.64 0.00	50.40 4.12 0.00	54.78 4.44 1.28	54.95 4.24 1.70	50.15 3.67 -0.01	47.03 3.34 -0.30	42.04 3.02 -0.32	37.69 2.43 -0.01	35.84 2.36 -2.04
RAVENSWOOD_GT_5 24254	36.05 2.61 0.00	33.37 2.39 0.00	30.08 2.10 0.00	27.95 1.85 0.00	27.16 1.80 0.00	27.91 1.85 0.00	26.82 1.89 0.00	26.37 1.82 0.00	28.42 2.08 0.00	31.07 2.38 0.00	33.52 2.54 -0.01	36.02 2.61 -0.01	38.87 2.78 0.00	41.45 3.35 0.00	42.92 3.68 -0.11	44.14 3.64 0.00	50.40 4.12 0.00	54.78 4.44 1.28	54.95 4.24 1.70	50.15 3.67 -0.01	47.03 3.34 -0.30	42.04 3.02 -0.32	37.69 2.43 -0.01	35.84 2.36 -2.04
RAVENSWOOD_GT_6 24253	36.05 2.61 0.00	33.37 2.39 0.00	30.08 2.10 0.00	27.95 1.85 0.00	27.16 1.80 0.00	27.91 1.85 0.00	26.82 1.89 0.00	26.37 1.82 0.00	28.42 2.08 0.00	31.07 2.38 0.00	33.52 2.54 -0.01	36.02 2.61 -0.01	38.87 2.78 0.00	41.45 3.35 0.00	42.92 3.68 -0.11	44.14 3.64 0.00	50.40 4.12 0.00	54.78 4.44 1.28	54.95 4.24 1.70	50.15 3.67 -0.01	47.03 3.34 -0.30	42.04 3.02 -0.32	37.69 2.43 -0.01	35.84 2.36 -2.04
RAVENSWOOD_GT_7 24255	36.05 2.61 0.00	33.37 2.39 0.00	30.08 2.10 0.00	27.95 1.85 0.00	27.16 1.80 0.00	27.91 1.85 0.00	26.82 1.89 0.00	26.37 1.82 0.00	28.42 2.08 0.00	31.07 2.38 0.00	33.52 2.54 -0.01	36.02 2.61 -0.01	38.87 2.78 0.00	41.45 3.35 0.00	42.92 3.68 -0.11	44.14 3.64 0.00	50.40 4.12 0.00	54.78 4.44 1.28	54.95 4.24 1.70	50.15 3.67 -0.01	47.03 3.34 -0.30	42.04 3.02 -0.32	37.69 2.43 -0.01	35.84 2.36 -2.04
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	36.05 2.61 0.00	33.37 2.39 0.00	30.08 2.10 0.00	27.95 1.85 0.00	27.16 1.80 0.00	27.91 1.85 0.00	26.82 1.89 0.00	26.37 1.82 0.00	28.42 2.08 0.00	31.07 2.38 0.00	33.55 2.57 0.00	36.02 2.61 0.00	38.87 2.78 0.00	41.41 3.31 0.00	42.81 3.68 0.00	44.14 3.64 0.00	50.40 4.12 0.00	56.06 4.44 0.00	56.60 4.19 0.00	50.10 3.62 0.00	46.98 3.30 -0.29	41.73 3.02 0.00	37.72 2.47 0.00	33.83 2.39 0.00
RAVENSWOOD_GT_9 24257	36.05 2.61 0.00	33.37 2.39 0.00	30.08 2.10 0.00	27.95 1.85 0.00	27.16 1.80 0.00	27.91 1.85 0.00	26.82 1.89 0.00	26.37 1.82 0.00	28.42 2.08 0.00	31.07 2.38 0.00	33.55 2.57 0.00	36.02 2.61 0.00	38.87 2.78 0.00	41.41 3.31 0.00	42.81 3.68 0.00	44.14 3.64 0.00	50.40 4.12 0.00	56.06 4.44 0.00	56.60 4.19 0.00	50.10 3.62 0.00	46.98 3.30 -0.29	41.73 3.02 0.00	37.72 2.47 0.00	33.83 2.39 0.00

RAVENSWOOD___1 23533	36.15 2.71 0.00	33.46 2.48 0.00	30.17 2.18 0.00	28.03 1.93 0.00	27.23 1.88 0.00	27.96 1.90 0.00	26.87 1.95 0.00	26.40 1.84 0.00	28.45 2.11 0.00	31.13 2.44 0.00	33.58 2.60 0.00	36.15 2.74 0.00	38.87 2.78 0.00	41.48 3.39 0.00	42.93 3.79 0.00	44.15 3.65 0.00	50.29 4.02 0.01	51.91 4.23 3.94	51.29 4.09 5.21	50.00 3.53 0.00	46.98 3.30 -0.29	42.04 3.33 0.00	37.86 2.61 0.00	34.00 2.55 -0.01
RAVENSWOOD___2 23534	36.08 2.64 0.00	33.40 2.42 0.00	30.08 2.10 0.00	27.95 1.85 0.00	27.16 1.80 0.00	27.91 1.85 0.00	26.80 1.87 0.00	26.35 1.79 0.00	28.40 2.06 0.00	31.07 2.38 0.00	33.51 2.54 0.00	36.08 2.67 0.00	38.80 2.71 0.00	41.37 3.28 0.00	42.85 3.72 0.00	44.06 3.56 0.00	50.11 3.84 0.01	51.38 3.77 4.00	50.73 3.61 5.29	49.82 3.35 0.00	46.89 3.21 -0.29	41.96 3.25 0.00	37.79 2.54 0.00	33.91 2.45 -0.01
RAVENSWOOD___3 23535	36.05 2.61 0.00	33.37 2.39 0.00	30.08 2.10 0.00	27.95 1.85 0.00	27.16 1.80 0.00	27.91 1.85 0.00	26.82 1.89 0.00	26.37 1.82 0.00	28.42 2.08 0.00	31.07 2.38 0.00	33.48 2.51 0.00	36.05 2.64 0.00	38.87 2.78 0.00	41.45 3.35 0.00	42.81 3.68 0.00	44.15 3.65 0.00	50.39 4.12 0.00	55.96 4.34 0.00	56.60 4.19 0.00	50.10 3.63 0.00	46.98 3.30 -0.29	41.88 3.17 0.00	37.72 2.47 0.00	33.83 2.39 0.00
RAVENSWOOD___4 23820	36.15 2.71 0.00	33.46 2.48 0.00	30.14 2.15 0.00	28.00 1.90 0.00	27.21 1.85 0.00	27.94 1.88 0.00	26.85 1.92 0.00	26.40 1.84 0.00	28.42 2.08 0.00	31.10 2.41 0.01	33.54 2.57 0.01	36.11 2.70 0.01	38.84 2.74 0.00	41.45 3.35 0.00	42.79 3.79 0.14	44.10 3.60 0.00	50.24 3.98 0.02	49.57 4.18 6.23	48.21 4.04 8.23	49.95 3.49 0.01	46.97 3.30 -0.28	41.63 3.33 0.41	37.86 2.61 0.01	31.32 2.52 2.64
RCPL_TRUST___DRP 24196	36.05 2.61 0.00	33.37 2.39 0.00	30.08 2.10 0.00	27.95 1.85 0.00	27.16 1.80 0.00	27.94 1.88 0.00	26.84 1.92 0.00	26.40 1.84 0.00	28.45 2.11 0.00	31.10 2.41 0.00	33.58 2.60 0.00	36.05 2.64 0.00	38.95 2.85 0.00	41.48 3.39 0.00	42.85 3.72 0.00	44.27 3.77 0.00	50.49 4.21 0.00	56.16 4.54 0.00	56.70 4.30 0.00	50.19 3.72 0.00	47.07 3.38 -0.29	41.73 3.02 0.00	37.72 2.47 0.00	33.80 2.36 0.00
RED___ROCHESTER 323720	33.81 0.37 0.00	31.23 0.25 0.00	28.07 0.08 0.00	26.18 0.08 0.00	25.31 -0.05 0.00	26.06 0.00 0.00	24.68 -0.25 0.00	24.55 0.00 0.00	26.31 -0.03 0.00	28.66 -0.03 0.00	31.65 0.68 0.00	34.11 0.70 0.00	37.03 0.94 0.00	39.77 1.67 0.00	40.58 1.45 0.00	41.96 1.46 0.00	47.94 1.66 0.00	53.89 2.27 0.00	54.97 2.57 0.00	48.57 2.09 0.00	45.35 1.95 0.00	40.76 2.05 0.00	36.74 1.48 0.00	32.29 0.85 0.00
REGAN___SOLAR 323812	38.06 4.62 0.00	35.26 4.28 0.00	31.59 3.61 0.00	29.41 3.31 0.00	28.78 3.42 0.00	29.55 3.49 0.00	28.19 3.26 0.00	27.79 3.24 0.00	29.98 3.64 0.00	32.36 3.67 0.00	34.69 3.72 0.00	37.42 4.01 0.00	40.50 4.40 0.00	43.35 5.26 0.00	44.49 5.36 0.00	46.13 5.63 0.00	53.31 7.03 0.00	60.76 9.14 0.00	62.47 10.06 0.00	55.21 8.73 0.00	54.46 7.94 -3.13	45.83 7.12 0.00	40.82 5.57 0.00	36.10 4.65 0.00
RENSSELAER___COGEN 23796	34.15 0.70 0.00	31.63 0.65 0.00	28.60 0.61 0.00	26.70 0.60 0.00	26.01 0.66 0.00	26.69 0.62 0.00	25.65 0.72 0.00	25.09 0.54 0.00	26.97 0.63 0.00	29.26 0.57 0.00	31.47 0.49 0.00	33.98 0.57 0.00	36.67 0.58 0.00	38.97 0.88 0.00	40.11 0.98 0.00	41.67 1.18 0.00	47.71 1.44 0.00	53.17 1.55 0.00	53.93 1.52 0.00	47.77 1.30 0.00	46.36 1.21 -1.75	39.67 0.97 0.00	35.75 0.49 0.00	32.04 0.60 0.00
REPUBLIC_115KV_BARTNBK 55605	38.79 5.35 0.00	36.06 5.08 0.00	32.21 4.23 0.00	29.98 3.89 0.00	29.44 4.08 0.00	30.20 4.14 0.00	28.91 3.99 0.00	28.29 3.73 0.00	30.66 4.32 0.00	33.51 4.82 0.00	35.84 4.86 0.00	38.92 5.51 0.00	41.83 5.74 0.00	44.65 6.55 0.00	45.59 6.46 0.00	47.26 6.76 0.00	54.33 8.05 0.00	61.22 9.60 0.00	63.05 10.64 0.00	55.77 9.29 0.00	55.64 9.07 -3.18	46.64 7.93 0.00	41.57 6.31 0.00	36.85 5.41 0.00
REVERE_CPPR_DRP 24186	34.89 1.27 -0.18	32.21 1.18 -0.05	29.02 1.04 0.00	27.01 0.91 0.00	26.22 0.86 0.00	26.95 0.89 0.00	25.70 0.77 0.00	25.39 0.83 0.00	27.18 0.84 0.00	29.61 0.92 0.00	31.97 0.99 0.00	34.72 1.20 -0.11	37.54 1.34 -0.12	39.78 1.52 -0.17	40.60 1.41 -0.06	41.92 1.42 0.00	47.90 1.62 0.00	53.63 2.01 0.00	54.78 2.25 -0.11	49.15 2.28 -0.40	45.83 2.08 -0.36	40.93 1.86 -0.37	37.14 1.45 -0.44	32.72 1.19 -0.08
REYNOLDS_115KV_TB3 80639	34.48 1.04 0.00	31.97 0.99 0.00	28.88 0.90 0.00	27.01 0.91 0.00	26.29 0.94 0.00	26.97 0.91 0.00	25.90 0.97 0.00	25.34 0.79 0.00	27.24 0.90 0.00	29.58 0.89 0.00	31.84 0.87 0.00	34.31 0.90 0.00	37.03 0.94 0.00	39.39 1.30 0.00	40.54 1.41 0.00	42.12 1.62 0.00	48.22 1.94 0.00	53.79 2.17 0.00	54.50 2.10 0.00	48.24 1.77 0.00	46.99 1.65 -1.95	39.94 1.24 0.00	36.10 0.85 0.00	32.32 0.88 0.00
RIVERBAY____ 323610	36.69 3.24 -0.01	33.97 2.97 -0.01	30.59 2.60 -0.01	28.40 2.30 -0.01	27.60 2.23 -0.01	28.30 2.24 0.00	27.12 2.19 0.00	26.64 2.09 0.00	28.63 2.29 0.00	31.36 2.67 0.00	33.92 2.94 0.00	36.45 3.04 0.00	39.13 3.03 0.00	41.75 3.66 0.00	43.32 4.19 0.00	44.47 3.97 0.00	50.67 4.40 0.01	56.57 4.96 0.01	57.17 4.77 0.01	50.38 3.90 0.00	47.37 3.69 -0.29	42.31 3.60 0.00	38.32 3.07 0.00	34.38 2.92 -0.01
RIVERSIDE_115KV_TB3 55908	34.38 0.94 0.00	31.85 0.87 0.00	28.76 0.78 0.00	26.88 0.78 0.00	26.19 0.84 0.00	26.87 0.81 0.00	25.80 0.87 0.00	25.27 0.71 0.00	27.16 0.82 0.00	29.46 0.77 0.00	31.75 0.77 0.00	34.21 0.80 0.00	36.96 0.87 0.00	39.27 1.18 0.00	40.42 1.29 0.00	42.00 1.50 0.00	48.08 1.80 0.00	53.63 2.01 0.00	54.35 1.94 0.00	48.15 1.67 0.00	46.93 1.56 -1.97	39.83 1.12 0.00	36.00 0.74 0.00	32.23 0.79 0.00
ROARING___BROOK_WT_PWR 323790	32.91 -0.54 0.00	30.49 -0.50 0.00	27.53 -0.45 0.00	25.68 -0.42 0.00	24.95 -0.41 0.00	25.64 -0.42 0.00	24.58 -0.35 0.00	24.26 -0.29 0.00	26.05 -0.29 0.00	28.40 -0.29 0.00	30.63 -0.34 0.00	33.01 -0.40 0.00	35.59 -0.51 0.00	37.29 -0.80 0.00	38.23 -0.90 0.00	39.49 -1.01 0.00	45.07 -1.20 0.00	50.64 -0.98 0.00	51.41 -1.00 0.00	45.54 -0.93 0.00	42.48 -0.91 0.00	37.85 -0.85 0.00	34.58 -0.67 0.00	30.85 -0.60 0.00
ROCHESRG_115KV_T4 355643	33.41 -0.03 0.00	30.86 -0.12 0.00	27.76 -0.22 0.00	25.91 -0.18 0.00	25.05 -0.30 0.00	25.80 -0.26 0.00	24.43 -0.50 0.00	24.26 -0.29 0.00	26.02 -0.32 0.00	28.32 -0.37 0.00	30.91 -0.06 0.00	33.64 0.23 0.00	36.49 0.40 0.00	39.16 1.07 0.00	39.95 0.82 0.00	41.31 0.81 0.00	47.25 0.97 0.00	52.96 1.34 0.00	53.98 1.57 0.00	47.77 1.30 0.00	44.61 1.21 0.00	40.10 1.39 0.00	36.17 0.92 0.00	31.88 0.44 0.00

ROCHESTER_9_IC 23652	33.61 0.17 0.00	31.04 0.06 0.00	27.93 -0.06 0.00	26.07 -0.03 0.00	25.18 -0.18 0.00	25.93 -0.13 0.00	24.58 -0.35 0.00	24.41 -0.15 0.00	26.18 -0.16 0.00	28.49 -0.20 0.00	31.13 0.15 0.00	33.91 0.50 0.00	36.78 0.69 0.00	39.50 1.41 0.00	40.27 1.13 0.00	41.63 1.13 0.00	47.62 1.34 0.00	53.43 1.81 0.00	54.45 2.04 0.00	48.19 1.72 0.00	45.00 1.61 0.00	40.45 1.74 0.00	36.45 1.20 0.00	32.10 0.66 0.00
ROCKVIEW_13_KV_LD 356306	36.02 2.58 0.00	33.34 2.35 0.00	30.05 2.07 0.00	27.92 1.83 0.00	27.16 1.80 0.00	27.91 1.85 0.00	26.82 1.89 0.00	26.37 1.82 0.00	28.42 2.08 0.00	31.04 2.35 0.00	33.51 2.54 0.00	36.02 2.61 0.00	38.91 2.82 0.00	41.48 3.39 0.00	42.93 3.80 0.00	44.35 3.85 0.00	50.67 4.40 0.00	56.37 4.75 0.00	56.91 4.51 0.00	50.38 3.90 0.00	47.16 3.47 -0.29	41.76 3.06 0.00	37.65 2.40 0.00	33.74 2.30 0.00
ROME____115KV_TB2 80656	34.89 1.27 -0.18	32.21 1.18 -0.05	29.02 1.04 0.00	27.01 0.91 0.00	26.22 0.86 0.00	26.95 0.89 0.00	25.70 0.77 0.00	25.39 0.83 0.00	27.18 0.84 0.00	29.61 0.92 0.00	31.97 0.99 0.00	34.72 1.20 -0.11	37.54 1.34 -0.12	39.78 1.52 -0.17	40.60 1.41 -0.06	41.92 1.42 0.00	47.90 1.62 0.00	53.63 2.01 0.00	54.78 2.25 -0.11	49.15 2.28 -0.40	45.83 2.08 -0.36	40.93 1.86 -0.37	37.14 1.45 -0.44	32.72 1.19 -0.08
ROSETON____1 23587	35.31 1.87 0.00	32.72 1.73 0.00	29.55 1.57 0.00	27.48 1.38 0.00	26.73 1.37 0.00	27.44 1.38 0.00	26.35 1.42 0.00	25.88 1.32 0.00	27.87 1.53 0.00	30.38 1.69 0.00	32.71 1.73 0.00	35.21 1.80 0.00	38.04 1.95 0.00	40.46 2.36 0.00	41.79 2.66 0.00	43.25 2.76 0.00	49.43 3.15 0.00	54.97 3.35 0.00	55.66 3.25 0.00	49.31 2.84 0.00	46.23 2.56 -0.28	40.99 2.28 0.00	36.91 1.66 0.00	33.08 1.63 0.00
ROSETON____2 23588	35.31 1.87 0.00	32.72 1.73 0.00	29.55 1.57 0.00	27.48 1.38 0.00	26.73 1.37 0.00	27.44 1.38 0.00	26.35 1.42 0.00	25.88 1.32 0.00	27.87 1.53 0.00	30.38 1.69 0.00	32.71 1.73 0.00	35.21 1.80 0.00	38.04 1.95 0.00	40.46 2.36 0.00	41.79 2.66 0.00	43.25 2.76 0.00	49.43 3.15 0.00	54.97 3.35 0.00	55.66 3.25 0.00	49.31 2.84 0.00	46.23 2.56 -0.28	40.99 2.28 0.00	36.91 1.66 0.00	33.08 1.63 0.00
ROTTDRAM_115KV_TB3 80664	34.78 1.34 0.00	32.22 1.24 0.00	29.10 1.12 0.00	27.14 1.04 0.00	26.42 1.06 0.00	27.13 1.07 0.00	25.95 1.02 0.00	25.46 0.91 0.00	27.34 1.00 0.00	29.75 1.06 0.00	32.03 1.05 0.00	34.51 1.10 0.00	37.28 1.19 0.00	39.58 1.49 0.00	40.70 1.57 0.00	42.24 1.74 0.00	48.41 2.13 0.00	54.10 2.48 0.00	55.03 2.62 0.00	48.75 2.28 0.00	49.14 2.17 -3.58	40.49 1.78 0.00	36.63 1.37 0.00	32.70 1.26 0.00
RUSSELL____1 23602	33.81 0.37 0.00	31.23 0.25 0.00	28.07 0.08 0.00	26.17 0.08 0.00	25.31 -0.05 0.00	26.06 0.00 0.00	24.68 -0.25 0.00	24.55 0.00 0.00	26.31 -0.03 0.00	28.66 -0.03 0.00	31.35 0.37 0.00	34.11 0.70 0.00	37.03 0.94 0.00	39.77 1.68 0.00	40.58 1.45 0.00	41.96 1.46 0.00	47.94 1.67 0.00	53.84 2.22 0.00	54.92 2.52 0.00	48.56 2.09 0.00	45.35 1.95 0.00	40.76 2.05 0.00	36.70 1.45 0.00	32.29 0.85 0.00
RUSSELL____2 23532	33.81 0.37 0.00	31.23 0.25 0.00	28.07 0.08 0.00	26.17 0.08 0.00	25.31 -0.05 0.00	26.06 0.00 0.00	24.68 -0.25 0.00	24.55 0.00 0.00	26.31 -0.03 0.00	28.66 -0.03 0.00	31.35 0.37 0.00	34.11 0.70 0.00	37.03 0.94 0.00	39.77 1.68 0.00	40.58 1.45 0.00	41.96 1.46 0.00	47.94 1.67 0.00	53.84 2.22 0.00	54.92 2.52 0.00	48.56 2.09 0.00	45.35 1.95 0.00	40.76 2.05 0.00	36.70 1.45 0.00	32.29 0.85 0.00
RUSSELL____3 23549	33.81 0.37 0.00	31.23 0.25 0.00	28.07 0.08 0.00	26.17 0.08 0.00	25.31 -0.05 0.00	26.06 0.00 0.00	24.68 -0.25 0.00	24.55 0.00 0.00	26.31 -0.03 0.00	28.66 -0.03 0.00	31.35 0.37 0.00	34.11 0.70 0.00	37.03 0.94 0.00	39.77 1.68 0.00	40.58 1.45 0.00	41.96 1.46 0.00	47.94 1.67 0.00	53.84 2.22 0.00	54.92 2.52 0.00	48.56 2.09 0.00	45.35 1.95 0.00	40.76 2.05 0.00	36.70 1.45 0.00	32.29 0.85 0.00
RUSSELL____4 23556	33.81 0.37 0.00	31.23 0.25 0.00	28.07 0.08 0.00	26.17 0.08 0.00	25.31 -0.05 0.00	26.06 0.00 0.00	24.68 -0.25 0.00	24.55 0.00 0.00	26.31 -0.03 0.00	28.66 -0.03 0.00	31.35 0.37 0.00	34.11 0.70 0.00	37.03 0.94 0.00	39.77 1.68 0.00	40.58 1.45 0.00	41.96 1.46 0.00	47.94 1.67 0.00	53.84 2.22 0.00	54.92 2.52 0.00	48.56 2.09 0.00	45.35 1.95 0.00	40.76 2.05 0.00	36.70 1.45 0.00	32.29 0.85 0.00
RUSSELL____STATION 23914	33.81 0.37 0.00	31.23 0.25 0.00	28.07 0.08 0.00	26.17 0.08 0.00	25.31 -0.05 0.00	26.06 0.00 0.00	24.68 -0.25 0.00	24.55 0.00 0.00	26.31 -0.03 0.00	28.66 -0.03 0.00	31.35 0.37 0.00	34.11 0.70 0.00	37.03 0.94 0.00	39.77 1.68 0.00	40.58 1.45 0.00	41.96 1.46 0.00	47.94 1.67 0.00	53.84 2.22 0.00	54.92 2.52 0.00	48.56 2.09 0.00	45.35 1.95 0.00	40.76 2.05 0.00	36.70 1.45 0.00	32.29 0.85 0.00
S SALMON____HYD 24043	34.09 -0.20 -0.84	31.02 -0.22 -0.25	27.73 -0.25 0.00	25.84 -0.26 0.00	25.08 -0.28 0.00	25.77 -0.29 0.00	24.58 -0.35 0.00	24.26 -0.29 0.00	25.92 -0.42 0.00	28.26 -0.43 0.00	30.57 -0.40 0.00	33.52 -0.40 -0.51	36.24 -0.40 -0.54	38.65 -0.23 -0.78	39.00 -0.39 -0.26	40.09 -0.40 0.00	45.67 -0.60 0.00	51.21 -0.41 0.00	52.79 -0.16 -0.54	48.28 -0.05 -1.85	45.15 0.09 -1.67	40.59 0.16 -1.72	37.34 0.04 -2.05	31.68 -0.16 -0.39
S.PERRY__115KV_TB1 80734	34.95 1.50 0.00	32.22 1.24 0.00	28.93 0.95 0.00	26.98 0.89 0.00	26.07 0.71 0.00	26.89 0.83 0.00	25.35 0.42 0.00	25.02 0.47 0.00	26.50 0.16 0.00	28.66 -0.03 0.00	31.16 0.19 0.00	33.94 0.53 0.00	36.85 0.76 0.00	39.66 1.56 0.00	40.50 1.37 0.00	41.88 1.38 0.00	48.17 1.90 0.00	54.56 2.94 0.00	56.39 3.98 0.00	50.33 3.86 0.00	47.21 3.82 0.00	42.38 3.68 0.00	38.08 2.82 0.00	33.39 1.95 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	33.27 -0.17 0.00	30.77 -0.22 0.00	27.70 -0.28 0.00	25.91 -0.18 0.00	24.95 -0.41 0.00	25.67 -0.39 0.00	24.20 -0.72 0.00	24.06 -0.49 0.00	25.87 -0.47 0.00	28.03 -0.66 0.00	30.82 -0.15 0.00	33.71 0.30 0.00	36.64 0.54 0.00	39.54 1.45 0.00	40.31 1.17 0.00	41.43 0.93 0.00	47.48 1.20 0.00	53.17 1.55 0.00	54.08 1.68 0.00	47.91 1.44 0.00	44.52 1.13 0.00	40.41 1.70 0.00	36.45 1.20 0.00	32.01 0.57 0.00
SAWYER____23_KV_LOAD 55526	33.27 -0.17 0.00	30.77 -0.22 0.00	27.70 -0.28 0.00	25.91 -0.18 0.00	24.95 -0.41 0.00	25.67 -0.39 0.00	24.20 -0.72 0.00	24.06 -0.49 0.00	25.87 -0.47 0.00	28.03 -0.66 0.00	30.82 -0.15 0.00	33.71 0.30 0.00	36.64 0.54 0.00	39.54 1.45 0.00	40.31 1.17 0.00	41.43 0.93 0.00	47.48 1.20 0.00	53.17 1.55 0.00	54.08 1.68 0.00	47.91 1.44 0.00	44.52 1.13 0.00	40.41 1.70 0.00	36.45 1.20 0.00	32.01 0.57 0.00

SELKIRK___I 23801	34.38 0.94 0.00	31.88 0.90 0.00	28.79 0.81 0.00	26.88 0.78 0.00	26.19 0.84 0.00	26.89 0.83 0.00	25.75 0.82 0.00	25.19 0.64 0.00	27.02 0.68 0.00	29.32 0.63 0.00	31.53 0.56 0.00	34.01 0.60 0.00	36.71 0.61 0.00	39.01 0.91 0.00	40.15 1.02 0.00	41.67 1.18 0.00	47.71 1.44 0.00	53.32 1.70 0.00	54.19 1.78 0.00	48.00 1.53 0.00	46.15 1.48 -1.28	39.94 1.24 0.00	36.03 0.77 0.00	32.26 0.82 0.00
SELKIRK___II 23799	34.04 0.60 0.00	31.54 0.56 0.00	28.51 0.53 0.00	26.62 0.52 0.00	25.91 0.56 0.00	26.58 0.52 0.00	25.50 0.57 0.00	25.00 0.44 0.00	26.84 0.50 0.00	29.15 0.46 0.00	31.38 0.40 0.00	33.84 0.43 0.00	36.53 0.43 0.00	38.82 0.72 0.00	39.95 0.82 0.00	41.47 0.97 0.00	47.43 1.16 0.00	52.91 1.29 0.00	53.66 1.26 0.00	47.59 1.11 0.00	45.78 1.00 -1.39	39.52 0.81 0.00	35.64 0.39 0.00	31.92 0.47 0.00
SENECA OSWGO___HYD 24041	34.29 -0.33 -1.18	30.96 -0.37 -0.35	27.62 -0.36 0.00	25.76 -0.34 0.00	25.00 -0.36 0.00	25.70 -0.36 0.00	24.50 -0.42 0.00	24.21 -0.34 0.00	25.92 -0.42 0.00	28.29 -0.40 0.00	30.63 -0.34 0.00	33.79 -0.33 -0.72	36.53 -0.33 -0.76	39.11 -0.08 -1.10	39.30 -0.19 -0.36	40.38 -0.12 0.00	46.09 -0.18 0.00	51.62 0.00 0.00	53.27 0.11 -0.75	49.07 0.00 -2.60	45.74 0.00 -2.35	41.17 0.04 -2.42	38.03 -0.11 -2.88	31.77 -0.22 -0.55
SENECA___115KV_TB3 355854	33.64 0.20 0.00	31.11 0.12 0.00	28.04 0.06 0.00	26.20 0.10 0.00	25.23 -0.13 0.00	25.96 -0.10 0.00	24.48 -0.45 0.00	24.36 -0.20 0.00	26.23 -0.11 0.00	28.40 -0.29 0.00	31.25 0.28 0.00	34.21 0.80 0.00	37.18 1.08 0.00	40.19 2.10 0.00	40.97 1.84 0.00	42.08 1.58 0.00	48.17 1.90 0.00	54.00 2.37 0.00	54.92 2.52 0.00	48.66 2.18 0.00	45.17 1.78 0.00	40.95 2.24 0.00	36.95 1.69 0.00	32.39 0.94 0.00
SENECA___ENERGY 23797	34.05 0.13 -0.47	31.15 0.03 -0.14	27.93 -0.06 0.00	26.04 -0.05 0.00	25.23 -0.13 0.00	25.98 -0.08 0.00	24.73 -0.20 0.00	24.50 -0.05 0.00	26.23 -0.10 0.00	28.60 -0.09 0.00	31.19 0.22 0.00	33.93 0.24 -0.28	36.79 0.40 -0.30	39.33 0.80 -0.44	39.90 0.62 -0.14	41.19 0.69 0.00	47.11 0.83 0.00	53.02 1.39 0.00	54.43 1.73 -0.30	48.86 1.35 -1.03	45.54 1.21 -0.93	40.87 1.20 -0.96	37.28 0.88 -1.15	32.13 0.47 -0.22
SHOEMAKER___GT 23640	35.08 1.64 0.00	32.53 1.55 0.00	29.38 1.40 0.00	27.32 1.23 0.00	26.57 1.22 0.00	27.29 1.23 0.00	26.15 1.22 0.00	25.71 1.15 0.00	27.66 1.32 0.00	30.15 1.46 0.00	32.46 1.49 0.00	34.95 1.54 0.00	37.76 1.66 0.00	40.11 2.02 0.00	41.40 2.27 0.00	42.85 2.35 0.00	49.01 2.73 0.00	54.61 2.99 0.00	55.39 2.99 0.00	49.12 2.65 0.00	46.03 2.39 -0.26	40.83 2.13 0.00	36.77 1.51 0.00	32.95 1.51 0.00
SHOEMAKR_138KV_BK 111 55601	35.08 1.64 0.00	32.53 1.55 0.00	29.35 1.37 0.00	27.32 1.23 0.00	26.57 1.22 0.00	27.29 1.22 0.00	26.15 1.22 0.00	25.71 1.15 0.00	27.66 1.32 0.00	30.15 1.46 0.00	32.52 1.55 0.00	34.95 1.54 0.00	37.79 1.70 0.00	40.15 2.06 0.00	41.44 2.31 0.00	42.89 2.39 0.00	49.05 2.78 0.00	54.67 3.05 0.00	55.39 2.99 0.00	49.07 2.60 0.00	45.99 2.34 -0.25	40.72 2.01 0.00	36.77 1.52 0.00	32.92 1.48 0.00
SHOREHAM_IC_1 23715	38.28 2.91 -1.93	37.69 2.60 -4.10	36.69 2.27 -6.45	34.35 2.16 -6.09	32.84 2.13 -5.36	32.68 2.19 -4.43	27.30 2.27 -0.11	29.94 2.18 -3.20	35.19 2.34 -6.51	36.55 2.44 -5.42	33.84 2.73 -0.14	37.08 2.94 -0.73	39.08 2.96 -0.03	41.47 3.35 -0.03	42.85 3.72 0.00	45.05 4.53 -0.01	57.60 5.41 -5.91	66.35 5.88 -8.85	58.13 5.71 -0.01	51.27 4.79 -0.01	47.77 4.08 -0.30	41.73 3.02 0.00	37.16 1.90 0.00	33.46 2.01 0.00
SHOREHAM_IC_2 23716	38.28 2.91 -1.93	37.69 2.60 -4.10	36.69 2.27 -6.45	34.35 2.16 -6.09	32.84 2.13 -5.36	32.68 2.19 -4.43	27.30 2.27 -0.11	29.94 2.18 -3.20	35.19 2.34 -6.51	36.55 2.44 -5.42	33.84 2.73 -0.14	37.08 2.94 -0.73	39.08 2.96 -0.03	41.47 3.35 -0.03	42.85 3.72 0.00	45.05 4.53 -0.01	57.60 5.41 -5.91	66.35 5.88 -8.85	58.13 5.71 -0.01	51.27 4.79 -0.01	47.77 4.08 -0.30	41.73 3.02 0.00	37.16 1.90 0.00	33.46 2.01 0.00
SISSONVILLE____ 23735	32.52 -1.04 -0.11	30.15 -0.87 -0.03	27.20 -0.78 0.00	25.31 -0.78 0.00	24.62 -0.74 0.00	25.33 -0.73 0.00	24.33 -0.60 0.00	23.99 -0.56 0.00	25.63 -0.71 0.00	27.86 -0.83 0.00	30.05 -0.93 0.00	32.48 -1.00 -0.07	35.01 -1.15 -0.07	36.45 -1.75 -0.10	37.25 -1.92 -0.03	37.91 -2.59 0.00	43.22 -3.05 0.00	47.96 -3.67 0.00	48.91 -3.56 -0.07	43.79 -2.93 -0.25	41.14 -2.47 -0.22	37.39 -1.55 -0.23	34.40 -1.13 -0.27	30.46 -1.04 -0.05
SITHE_IND_GS1 24169	29.10 -0.90 3.44	29.10 -0.87 1.02	27.20 -0.78 0.00	25.37 -0.73 0.00	24.62 -0.74 0.00	25.30 -0.76 0.00	24.15 -0.77 0.00	23.87 -0.69 0.00	25.55 -0.79 0.00	27.86 -0.83 0.00	30.17 -0.81 0.00	30.46 -0.87 2.08	33.03 -0.87 2.20	34.18 -0.72 3.18	37.26 -0.82 1.05	39.69 -0.81 0.00	45.30 -0.97 0.00	50.69 -0.93 0.00	49.33 -0.89 2.19	38.08 -0.84 7.56	35.79 -0.78 6.82	31.01 -0.66 7.04	26.18 -0.70 8.37	29.10 -0.75 1.59
SITHE_IND_GS2 24170	29.10 -0.90 3.44	29.10 -0.87 1.02	27.20 -0.78 0.00	25.37 -0.73 0.00	24.62 -0.74 0.00	25.30 -0.76 0.00	24.15 -0.77 0.00	23.87 -0.69 0.00	25.55 -0.79 0.00	27.86 -0.83 0.00	30.17 -0.81 0.00	30.46 -0.87 2.08	33.03 -0.87 2.20	34.18 -0.72 3.18	37.26 -0.82 1.05	39.69 -0.81 0.00	45.30 -0.97 0.00	50.69 -0.93 0.00	49.33 -0.89 2.19	38.08 -0.84 7.56	35.79 -0.78 6.82	31.01 -0.66 7.04	26.18 -0.70 8.37	29.10 -0.75 1.59
SITHE_IND_GS3 24171	29.10 -0.90 3.44	29.10 -0.87 1.02	27.20 -0.78 0.00	25.37 -0.73 0.00	24.62 -0.74 0.00	25.30 -0.76 0.00	24.15 -0.77 0.00	23.87 -0.69 0.00	25.55 -0.79 0.00	27.86 -0.83 0.00	30.17 -0.81 0.00	30.46 -0.87 2.08	33.03 -0.87 2.20	34.18 -0.72 3.18	37.26 -0.82 1.05	39.69 -0.81 0.00	45.30 -0.97 0.00	50.69 -0.93 0.00	49.33 -0.89 2.19	38.08 -0.84 7.56	35.79 -0.78 6.82	31.01 -0.66 7.04	26.18 -0.70 8.37	29.10 -0.75 1.59
SITHE_IND_GS4 24172	29.10 -0.90 3.44	29.10 -0.87 1.02	27.20 -0.78 0.00	25.37 -0.73 0.00	24.62 -0.74 0.00	25.30 -0.76 0.00	24.15 -0.77 0.00	23.87 -0.69 0.00	25.55 -0.79 0.00	27.86 -0.83 0.00	30.17 -0.81 0.00	30.46 -0.87 2.08	33.03 -0.87 2.20	34.18 -0.72 3.18	37.26 -0.82 1.05	39.69 -0.81 0.00	45.30 -0.97 0.00	50.69 -0.93 0.00	49.33 -0.89 2.19	38.08 -0.84 7.56	35.79 -0.78 6.82	31.01 -0.66 7.04	26.18 -0.70 8.37	29.10 -0.75 1.59
SITHE___BATAVIA 24024	34.18 0.73 0.00	31.54 0.56 0.00	28.37 0.39 0.00	26.49 0.39 0.00	25.48 0.13 0.00	26.32 0.26 0.00	24.75 -0.17 0.00	24.65 0.10 0.00	26.39 0.05 0.00	28.63 -0.06 0.00	31.87 0.90 0.00	34.31 0.90 0.00	37.28 1.19 0.00	40.30 2.21 0.00	41.05 1.92 0.00	42.32 1.82 0.00	48.45 2.18 0.00	54.61 2.99 0.00	55.81 3.40 0.00	49.35 2.88 0.00	46.08 2.69 0.00	41.61 2.90 0.00	37.44 2.19 0.00	32.80 1.35 0.00

SITHE___INDEPEND 23800	29.10 -0.90 3.44	29.10 -0.87 1.02	27.20 -0.78 0.00	25.37 -0.73 0.00	24.62 -0.74 0.00	25.31 -0.76 0.00	24.15 -0.77 0.00	23.87 -0.69 0.00	25.55 -0.79 0.00	27.86 -0.83 0.00	30.14 -0.84 0.00	30.46 -0.87 2.08	33.03 -0.87 2.20	34.19 -0.72 3.18	37.26 -0.82 1.05	39.69 -0.81 0.00	45.30 -0.97 0.00	50.69 -0.93 0.00	49.33 -0.89 2.19	38.08 -0.84 7.56	35.79 -0.78 6.82	30.97 -0.70 7.04	26.15 -0.74 8.37	29.10 -0.75 1.59
SITHE___MASSENA 23902	32.91 -0.54 0.00	30.58 -0.40 0.00	27.59 -0.39 0.00	25.73 -0.37 0.00	25.00 -0.36 0.00	25.72 -0.34 0.00	24.68 -0.25 0.00	24.33 -0.22 0.00	26.02 -0.31 0.00	28.29 -0.40 0.00	30.51 -0.46 0.00	32.94 -0.47 0.00	35.51 -0.58 0.00	37.03 -1.07 0.00	37.96 -1.17 0.00	38.80 -1.70 0.00	44.24 -2.04 0.00	49.20 -2.43 0.00	49.94 -2.46 0.00	44.38 -2.09 0.00	41.66 -1.74 0.00	37.12 -1.59 0.00	34.66 -0.60 0.00	30.91 -0.53 0.00
SITHE___OGDNSBRG 24021	33.07 -0.37 0.00	30.80 -0.19 0.00	27.79 -0.20 0.00	25.86 -0.23 0.00	25.15 -0.20 0.00	25.88 -0.18 0.00	24.80 -0.12 0.00	24.43 -0.12 0.00	26.05 -0.29 0.00	28.29 -0.40 0.00	30.48 -0.50 0.00	32.88 -0.53 0.00	35.41 -0.69 0.00	36.84 -1.26 0.00	37.72 -1.41 0.00	38.47 -2.02 0.00	43.96 -2.31 0.00	48.83 -2.79 0.00	49.84 -2.57 0.00	44.57 -1.91 0.00	41.92 -1.48 0.00	38.05 -0.66 0.00	34.94 -0.32 0.00	31.13 -0.31 0.00
SITHE___STERLING 23777	34.67 1.04 -0.19	32.00 0.96 -0.06	28.79 0.81 0.00	26.85 0.76 0.00	26.04 0.68 0.00	26.76 0.70 0.00	25.55 0.62 0.00	25.22 0.66 0.00	27.00 0.66 0.00	29.43 0.74 0.00	31.81 0.84 0.00	34.53 1.00 -0.12	37.34 1.12 -0.12	39.64 1.37 -0.18	40.44 1.25 -0.06	41.83 1.33 0.00	47.80 1.52 0.00	53.53 1.91 0.00	54.63 2.10 -0.12	48.94 2.04 -0.43	45.64 1.86 -0.39	40.81 1.70 -0.40	37.00 1.27 -0.47	32.57 1.04 -0.09
SLEIGHT___34_KV_TB1 80719	33.61 0.03 -0.13	30.96 -0.06 -0.04	27.81 -0.17 0.00	25.94 -0.16 0.00	25.10 -0.25 0.00	25.85 -0.21 0.00	24.55 -0.37 0.00	24.41 -0.15 0.00	26.13 -0.21 0.00	28.52 -0.17 0.00	31.04 0.06 0.00	33.79 0.30 -0.08	36.65 0.47 -0.08	39.24 1.03 -0.12	39.95 0.78 -0.04	41.31 0.81 0.00	47.25 0.97 0.00	53.01 1.39 0.00	54.17 1.68 -0.08	48.11 1.35 -0.29	44.91 1.26 -0.26	40.21 1.24 -0.27	36.42 0.85 -0.32	31.91 0.41 -0.06
SOUTH CAIRO___GT 23612	35.35 1.91 0.00	32.81 1.83 0.00	29.55 1.57 0.00	27.56 1.46 0.00	26.90 1.55 0.00	27.52 1.46 0.00	26.37 1.45 0.00	25.63 1.08 0.00	27.55 1.21 0.00	29.81 1.12 0.00	32.06 1.08 0.00	34.51 1.10 0.00	37.32 1.23 0.00	39.58 1.49 0.00	40.78 1.64 0.00	42.40 1.90 0.00	48.87 2.59 0.00	55.03 3.41 0.00	56.34 3.93 0.00	50.10 3.62 0.00	47.83 3.25 -1.19	41.49 2.79 0.00	37.26 2.01 0.00	33.27 1.82 0.00
SOUTH HAMPTN___IC 23720	38.78 3.41 -1.93	38.15 3.07 -4.10	37.09 2.66 -6.45	34.67 2.48 -6.09	33.15 2.43 -5.36	33.05 2.56 -4.43	27.70 2.67 -0.11	30.35 2.60 -3.20	35.69 2.85 -6.51	37.18 3.07 -5.42	34.71 3.59 -0.14	38.08 3.94 -0.73	40.13 4.01 -0.03	42.58 4.45 -0.03	43.94 4.81 0.00	46.10 5.59 -0.01	58.64 6.71 -5.66	67.32 7.23 -8.48	59.49 7.07 -0.01	52.24 5.76 -0.01	48.55 4.86 -0.30	42.51 3.80 0.00	37.76 2.50 0.00	33.93 2.48 0.00
SOUTHDOW___115KV_TB1 355954	34.81 1.37 0.00	32.16 1.18 0.00	28.99 1.01 0.00	27.06 0.97 0.00	26.07 0.71 0.00	26.84 0.78 0.00	25.35 0.42 0.00	25.39 0.83 0.00	27.42 1.08 0.00	29.64 0.95 0.00	32.68 1.70 0.00	35.78 2.37 0.00	38.98 2.89 0.00	42.13 4.04 0.00	42.89 3.76 0.00	43.90 3.40 0.00	50.21 3.93 0.00	56.42 4.80 0.00	56.91 4.51 0.00	50.38 3.90 0.00	46.65 3.25 0.00	42.31 3.60 0.00	38.11 2.86 0.00	33.30 1.86 0.00
SOUTHOLD_69_KV_BK 2 55809	39.12 3.75 -1.93	38.46 3.38 -4.10	37.34 2.91 -6.45	34.85 2.66 -6.09	33.35 2.64 -5.36	33.31 2.81 -4.43	28.05 3.02 -0.11	30.75 3.00 -3.20	36.14 3.29 -6.51	37.73 3.61 -5.42	35.55 4.43 -0.14	38.92 4.78 -0.73	41.07 4.94 -0.03	43.42 5.30 -0.03	44.84 5.71 0.00	47.07 6.56 -0.01	59.94 8.01 -5.66	68.72 8.62 -8.48	60.70 8.28 -0.01	52.99 6.51 -0.01	49.20 5.51 -0.30	42.93 4.22 0.00	38.18 2.93 0.00	34.27 2.83 0.00
SOUTHOLD___IC 23719	39.11 3.74 -1.93	38.46 3.38 -4.10	37.31 2.88 -6.45	34.85 2.66 -6.09	33.35 2.64 -5.36	33.31 2.82 -4.43	28.05 3.01 -0.11	30.75 2.99 -3.20	36.14 3.29 -6.51	37.73 3.61 -5.42	35.48 4.37 -0.14	38.91 4.78 -0.73	41.03 4.91 -0.03	43.49 5.37 -0.03	44.89 5.75 0.00	47.07 6.56 -0.01	59.90 7.96 -5.66	68.67 8.57 -8.48	60.86 8.44 -0.01	53.04 6.55 -0.01	49.21 5.51 -0.30	43.08 4.37 0.00	38.18 2.92 0.00	34.28 2.83 0.00
SOUTH_FORK_WT_PWR 323839	38.75 3.38 -1.93	38.15 3.07 -4.10	37.06 2.63 -6.45	34.59 2.40 -6.09	33.12 2.41 -5.36	33.10 2.61 -4.43	27.95 2.91 -0.11	30.65 2.90 -3.20	36.03 3.19 -6.51	37.61 3.50 -5.42	35.42 4.30 -0.14	38.81 4.68 -0.73	40.88 4.76 -0.03	43.30 5.18 -0.03	44.65 5.52 0.00	46.82 6.32 -0.01	59.67 7.73 -5.66	68.41 8.31 -8.48	60.59 8.17 -0.01	52.57 6.09 -0.01	48.77 5.07 -0.30	42.70 3.99 0.00	37.83 2.57 0.00	33.96 2.52 0.00
SPIERFLS_115KV_TB 1 80737	36.72 3.28 0.00	34.05 3.07 0.00	30.58 2.60 0.00	28.50 2.40 0.00	27.87 2.51 0.00	28.61 2.55 0.00	27.39 2.47 0.00	26.81 2.26 0.00	28.95 2.61 0.00	31.56 2.87 0.00	33.73 2.76 0.00	36.48 3.07 0.00	39.16 3.07 0.00	41.71 3.62 0.00	42.77 3.64 0.00	44.35 3.85 0.00	50.90 4.63 0.00	57.14 5.52 0.00	58.75 6.34 0.00	51.96 5.48 0.00	52.11 5.51 -3.21	43.43 4.72 0.00	38.96 3.70 0.00	34.68 3.24 0.00
ST LAWRENCE____ 23600	32.67 -0.77 0.00	30.30 -0.68 0.00	27.37 -0.62 0.00	25.52 -0.57 0.00	24.80 -0.56 0.00	25.51 -0.55 0.00	24.45 -0.47 0.00	24.11 -0.44 0.00	25.81 -0.53 0.00	28.12 -0.57 0.00	30.32 -0.65 0.00	32.71 -0.70 0.00	35.30 -0.79 0.00	36.76 -1.33 0.00	37.72 -1.41 0.00	38.88 -1.62 0.00	44.38 -1.90 0.00	49.40 -2.22 0.00	50.15 -2.25 0.00	44.57 -1.91 0.00	41.70 -1.69 0.00	37.20 -1.51 0.00	34.41 -0.85 0.00	30.69 -0.75 0.00
STATE_CA_115KV_115_LB 55624	34.41 0.97 0.00	31.88 0.90 0.00	28.79 0.81 0.00	26.88 0.78 0.00	26.19 0.84 0.00	26.87 0.81 0.00	25.82 0.90 0.00	25.27 0.71 0.00	27.18 0.84 0.00	29.49 0.80 0.00	31.78 0.81 0.00	34.28 0.87 0.00	37.03 0.94 0.00	39.39 1.30 0.00	40.50 1.37 0.00	42.04 1.54 0.00	48.13 1.85 0.00	53.74 2.12 0.00	54.50 2.10 0.00	48.24 1.77 0.00	47.25 1.65 -2.20	39.94 1.24 0.00	36.10 0.85 0.00	32.29 0.85 0.00
STATE_ST_34_KV_LOAD 55959	34.36 0.37 -0.55	31.39 0.25 -0.16	28.15 0.17 0.00	26.23 0.13 0.00	25.43 0.08 0.00	26.19 0.13 0.00	24.93 0.00 0.00	24.68 0.12 0.00	26.44 0.11 0.00	28.86 0.17 0.00	31.25 0.28 0.00	34.17 0.43 -0.33	37.02 0.58 -0.35	39.59 0.99 -0.51	40.16 0.86 -0.17	41.39 0.89 0.00	47.39 1.11 0.00	53.17 1.55 0.00	54.59 1.83 -0.35	49.21 1.53 -1.20	45.86 1.39 -1.08	41.06 1.24 -1.12	37.47 0.88 -1.33	32.29 0.60 -0.25

STATION 5_MISC_HYD 23604	33.61 0.17 0.00	31.04 0.06 0.00	27.93 -0.06 0.00	26.07 -0.03 0.00	25.18 -0.18 0.00	25.93 -0.13 0.00	24.58 -0.35 0.00	24.43 -0.12 0.00	26.18 -0.16 0.00	28.49 -0.20 0.00	31.47 0.49 0.00	33.91 0.50 0.00	36.78 0.68 0.00	39.50 1.41 0.00	40.27 1.14 0.00	41.63 1.13 0.00	47.62 1.34 0.00	53.48 1.86 0.00	54.51 2.10 0.00	48.19 1.72 0.00	45.00 1.61 0.00	40.45 1.74 0.00	36.49 1.23 0.00	32.11 0.66 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	34.02 0.43 -0.14	31.33 0.31 -0.04	28.12 0.14 0.00	26.23 0.13 0.00	25.38 0.03 0.00	26.17 0.10 0.00	24.83 -0.10 0.00	24.68 0.12 0.00	26.44 0.11 0.00	28.83 0.14 0.00	31.41 0.43 0.00	34.20 0.70 -0.08	37.12 0.94 -0.09	39.75 1.52 -0.13	40.47 1.29 -0.04	41.84 1.34 0.00	47.80 1.53 0.00	53.74 2.12 0.00	54.96 2.46 -0.09	48.78 2.00 -0.31	45.58 1.91 -0.28	40.81 1.82 -0.29	36.90 1.30 -0.34	32.33 0.82 -0.06
STA_56_34_KV_BUS2_REV_LBMP_B 345033	33.44 0.00 0.00	30.89 -0.09 0.00	27.79 -0.20 0.00	25.94 -0.16 0.00	25.05 -0.30 0.00	25.80 -0.26 0.00	24.48 -0.45 0.00	24.31 -0.25 0.00	26.08 -0.26 0.00	28.40 -0.29 0.00	31.01 0.03 0.00	33.74 0.33 0.00	36.60 0.51 0.00	39.27 1.18 0.00	40.07 0.94 0.00	41.43 0.93 0.00	47.34 1.06 0.00	53.17 1.55 0.00	54.19 1.78 0.00	47.91 1.44 0.00	44.74 1.35 0.00	40.18 1.47 0.00	36.24 0.99 0.00	31.92 0.47 0.00
STA_56____34_KV_BUS2 355983	33.44 0.00 0.00	30.89 -0.09 0.00	27.79 -0.20 0.00	25.94 -0.16 0.00	25.05 -0.30 0.00	25.80 -0.26 0.00	24.48 -0.45 0.00	24.31 -0.25 0.00	26.08 -0.26 0.00	28.40 -0.29 0.00	31.01 0.03 0.00	33.74 0.33 0.00	36.60 0.51 0.00	39.27 1.18 0.00	40.07 0.94 0.00	41.43 0.93 0.00	47.34 1.06 0.00	53.17 1.55 0.00	54.19 1.78 0.00	47.91 1.44 0.00	44.74 1.35 0.00	40.18 1.47 0.00	36.24 0.99 0.00	31.92 0.47 0.00
STA_67____115KV_BK2 355882	33.54 0.10 0.00	30.98 0.00 0.00	27.87 -0.11 0.00	26.02 -0.08 0.00	25.13 -0.23 0.00	25.88 -0.18 0.00	24.53 -0.40 0.00	24.36 -0.20 0.00	26.10 -0.24 0.00	28.43 -0.26 0.00	31.07 0.09 0.00	33.81 0.40 0.00	36.67 0.58 0.00	39.35 1.26 0.00	40.15 1.02 0.00	41.51 1.01 0.00	47.43 1.16 0.00	53.27 1.65 0.00	54.29 1.89 0.00	48.05 1.58 0.00	44.87 1.48 0.00	40.29 1.59 0.00	36.35 1.09 0.00	32.01 0.57 0.00
STA_7____115KV_9TRANS 80674	33.81 0.37 0.00	31.23 0.25 0.00	28.07 0.08 0.00	26.17 0.08 0.00	25.31 -0.05 0.00	26.06 0.00 0.00	24.68 -0.25 0.00	24.55 0.00 0.00	26.31 -0.03 0.00	28.66 -0.03 0.00	31.35 0.37 0.00	34.11 0.70 0.00	37.03 0.94 0.00	39.77 1.68 0.00	40.58 1.45 0.00	41.96 1.46 0.00	47.94 1.67 0.00	53.84 2.22 0.00	54.92 2.52 0.00	48.56 2.09 0.00	45.35 1.95 0.00	40.76 2.05 0.00	36.70 1.45 0.00	32.29 0.85 0.00
STA_82____115KV_TB1 80780	33.54 0.10 0.00	30.98 0.00 0.00	27.87 -0.11 0.00	26.02 -0.08 0.00	25.15 -0.20 0.00	25.90 -0.16 0.00	24.53 -0.40 0.00	24.36 -0.20 0.00	26.13 -0.21 0.00	28.43 -0.26 0.00	31.07 0.09 0.00	33.81 0.40 0.00	36.67 0.58 0.00	39.39 1.30 0.00	40.15 1.02 0.00	41.51 1.01 0.00	47.48 1.20 0.00	53.27 1.65 0.00	54.29 1.89 0.00	48.05 1.58 0.00	44.87 1.48 0.00	40.33 1.63 0.00	36.38 1.13 0.00	32.01 0.57 0.00
STEEL____WIND 323596	33.61 0.17 0.00	31.08 0.09 0.00	28.01 0.03 0.00	26.18 0.08 0.00	25.21 -0.15 0.00	25.96 -0.10 0.00	24.45 -0.47 0.00	24.36 -0.20 0.00	26.21 -0.13 0.00	28.38 -0.31 0.00	31.69 0.71 0.00	34.14 0.73 0.00	37.14 1.05 0.00	40.11 2.02 0.00	40.93 1.80 0.00	42.00 1.50 0.00	48.13 1.85 0.00	54.05 2.43 0.00	54.97 2.57 0.00	48.61 2.14 0.00	45.13 1.74 0.00	40.95 2.24 0.00	36.91 1.66 0.00	32.36 0.91 0.00
STEPHTWN_115KV_BK_2 55603	34.58 1.14 0.00	32.01 1.02 0.00	28.88 0.90 0.00	26.96 0.86 0.00	26.27 0.91 0.00	26.95 0.89 0.00	25.90 0.97 0.00	25.36 0.81 0.00	27.29 0.95 0.00	29.64 0.95 0.00	31.93 0.96 0.00	34.45 1.04 0.00	37.21 1.12 0.00	39.58 1.49 0.00	40.74 1.60 0.00	42.28 1.78 0.00	48.41 2.13 0.00	54.10 2.48 0.00	54.87 2.46 0.00	48.56 2.09 0.00	47.10 1.95 -1.75	40.22 1.51 0.00	36.28 1.02 0.00	32.45 1.01 0.00
STEUBEN_REC_LFGE 323667	34.76 1.14 -0.18	31.96 0.93 -0.05	28.71 0.73 0.00	26.78 0.68 0.00	25.86 0.51 0.00	26.63 0.57 0.00	25.20 0.27 0.00	25.12 0.56 0.00	26.89 0.55 0.00	29.21 0.52 0.00	31.84 0.87 0.00	34.85 1.34 -0.11	37.87 1.66 -0.11	40.73 2.48 -0.16	41.38 2.19 -0.05	42.56 2.07 0.00	48.87 2.59 0.00	55.03 3.41 0.00	56.50 3.98 -0.11	50.30 3.44 -0.39	46.78 3.04 -0.35	42.13 3.06 -0.36	38.05 2.36 -0.43	33.13 1.60 -0.08
STILLWATER____SOLAR 323814	36.08 2.64 0.00	33.46 2.48 0.00	30.14 2.15 0.00	28.08 1.98 0.00	27.41 2.05 0.00	28.15 2.09 0.00	26.94 2.02 0.00	26.40 1.84 0.00	28.40 2.06 0.00	30.96 2.27 0.00	33.21 2.23 0.00	35.88 2.47 0.00	38.66 2.56 0.00	41.18 3.08 0.00	42.26 3.13 0.00	43.90 3.40 0.00	50.35 4.07 0.00	56.32 4.70 0.00	57.49 5.08 0.00	50.89 4.42 0.00	50.70 4.25 -3.05	42.39 3.68 0.00	38.08 2.82 0.00	33.99 2.55 0.00
STONY____BROOK 24151	38.58 3.21 -1.93	38.00 2.91 -4.10	37.00 2.57 -6.45	34.51 2.32 -6.09	32.97 2.26 -5.36	32.84 2.35 -4.43	27.40 2.37 -0.11	30.04 2.28 -3.20	35.38 2.53 -6.51	36.89 2.78 -5.42	34.06 2.94 -0.14	37.31 3.18 -0.73	39.33 3.21 -0.03	41.78 3.66 -0.03	43.13 3.99 0.00	45.05 4.53 -0.02	58.68 5.14 -7.27	67.98 5.47 -10.89	57.66 5.24 -0.02	51.18 4.69 -0.02	47.74 4.04 -0.31	42.04 3.33 0.00	37.48 2.22 0.00	33.80 2.36 0.00
STURGEON_POOL_HYD 23609	35.52 2.07 0.00	32.90 1.92 0.00	29.72 1.73 0.00	27.64 1.54 0.00	26.85 1.50 0.00	27.55 1.49 0.00	26.40 1.47 0.00	25.93 1.38 0.00	27.95 1.61 0.00	30.56 1.86 0.00	32.96 1.98 0.00	35.38 1.97 0.00	38.26 2.17 0.00	40.65 2.55 0.00	42.07 2.93 0.00	43.46 2.96 0.00	49.75 3.47 0.00	55.34 3.72 0.00	56.08 3.67 0.00	49.68 3.21 0.00	46.45 2.56 -0.50	41.11 2.40 0.00	37.12 1.87 0.00	33.27 1.82 0.00
ST_LAW_115_BK7_LBMP 345037	32.61 -0.83 0.00	30.27 -0.71 0.00	27.34 -0.64 0.00	25.47 -0.63 0.00	24.77 -0.58 0.00	25.49 -0.57 0.00	24.43 -0.50 0.00	24.09 -0.47 0.00	25.79 -0.55 0.00	28.06 -0.63 0.00	30.26 -0.71 0.00	32.64 -0.77 0.00	35.23 -0.87 0.00	36.69 -1.41 0.00	37.64 -1.49 0.00	38.76 -1.74 0.00	44.24 -2.04 0.00	49.25 -2.37 0.00	49.94 -2.46 0.00	44.38 -2.09 0.00	41.57 -1.82 0.00	37.08 -1.62 0.00	34.34 -0.92 0.00	30.63 -0.82 0.00
ST_LAW_115_BK8_LBMP 345038	32.61 -0.83 0.00	30.27 -0.71 0.00	27.34 -0.64 0.00	25.47 -0.63 0.00	24.77 -0.58 0.00	25.49 -0.57 0.00	24.43 -0.50 0.00	24.09 -0.47 0.00	25.79 -0.55 0.00	28.06 -0.63 0.00	30.26 -0.71 0.00	32.64 -0.77 0.00	35.23 -0.87 0.00	36.69 -1.41 0.00	37.64 -1.49 0.00	38.76 -1.74 0.00	44.24 -2.04 0.00	49.25 -2.37 0.00	49.94 -2.46 0.00	44.38 -2.09 0.00	41.57 -1.82 0.00	37.08 -1.62 0.00	34.34 -0.92 0.00	30.63 -0.82 0.00

ST_LAW_230_BK5_LBMP 345035	32.67 -0.77 0.00	30.30 -0.68 0.00	27.37 -0.62 0.00	25.52 -0.57 0.00	24.80 -0.56 0.00	25.51 -0.55 0.00	24.45 -0.47 0.00	24.11 -0.44 0.00	25.81 -0.53 0.00	28.12 -0.57 0.00	30.32 -0.65 0.00	32.71 -0.70 0.00	35.30 -0.79 0.00	36.76 -1.33 0.00	37.72 -1.41 0.00	38.88 -1.62 0.00	44.38 -1.90 0.00	49.40 -2.22 0.00	50.15 -2.25 0.00	44.57 -1.91 0.00	41.70 -1.69 0.00	37.20 -1.51 0.00	34.41 -0.85 0.00	30.69 -0.75 0.00
ST_LAW_230_BK6_LBMP 345036	32.67 -0.77 0.00	30.30 -0.68 0.00	27.37 -0.62 0.00	25.52 -0.57 0.00	24.80 -0.56 0.00	25.51 -0.55 0.00	24.45 -0.47 0.00	24.11 -0.44 0.00	25.81 -0.53 0.00	28.12 -0.57 0.00	30.32 -0.65 0.00	32.71 -0.70 0.00	35.30 -0.79 0.00	36.76 -1.33 0.00	37.72 -1.41 0.00	38.88 -1.62 0.00	44.38 -1.90 0.00	49.40 -2.22 0.00	50.15 -2.25 0.00	44.57 -1.91 0.00	41.70 -1.69 0.00	37.20 -1.51 0.00	34.41 -0.85 0.00	30.69 -0.75 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	35.28 1.84 0.00	32.72 1.74 0.00	29.52 1.54 0.00	27.45 1.36 0.00	26.70 1.34 0.00	27.42 1.36 0.00	26.30 1.37 0.00	25.85 1.30 0.00	27.87 1.53 0.00	30.38 1.69 0.00	32.77 1.80 0.00	35.21 1.80 0.00	38.04 1.95 0.00	40.46 2.36 0.00	41.79 2.66 0.00	43.21 2.71 0.00	49.42 3.15 0.00	55.08 3.46 0.00	55.76 3.35 0.00	49.40 2.93 0.00	46.26 2.60 -0.27	40.91 2.21 0.00	36.95 1.69 0.00	33.11 1.67 0.00
SWANROAD_115KV_TB1 355699	32.87 -0.57 0.00	30.39 -0.59 0.00	27.42 -0.56 0.00	25.65 -0.44 0.00	24.67 -0.68 0.00	25.41 -0.65 0.00	23.83 -1.10 0.00	23.65 -0.91 0.00	25.42 -0.92 0.00	27.51 -1.18 0.00	30.26 -0.71 0.00	33.11 -0.30 0.00	35.95 -0.14 0.00	38.86 0.76 0.00	39.60 0.47 0.00	40.70 0.20 0.00	46.65 0.37 0.00	52.24 0.62 0.00	53.14 0.73 0.00	47.08 0.60 0.00	43.78 0.39 0.00	39.79 1.08 0.00	35.89 0.63 0.00	31.54 0.09 0.00
SYNERGY___BIOGAS 323694	34.18 0.73 0.00	31.54 0.56 0.00	28.37 0.39 0.00	26.49 0.39 0.00	25.48 0.13 0.00	26.32 0.26 0.00	24.75 -0.17 0.00	24.65 0.10 0.00	26.39 0.05 0.00	28.63 -0.06 0.00	31.87 0.90 0.00	34.31 0.90 0.00	37.28 1.19 0.00	40.30 2.21 0.00	41.05 1.92 0.00	42.32 1.82 0.00	48.45 2.18 0.00	54.61 2.99 0.00	55.81 3.40 0.00	49.35 2.88 0.00	46.08 2.69 0.00	41.61 2.90 0.00	37.44 2.19 0.00	32.80 1.35 0.00
SYRACUSE___ENERGY_ST1 323597	34.20 0.10 -0.65	31.21 0.03 -0.19	27.95 -0.03 0.00	26.07 -0.03 0.00	25.28 -0.08 0.00	26.01 -0.05 0.00	24.80 -0.12 0.00	24.53 -0.02 0.00	26.29 -0.05 0.00	28.69 0.00 0.00	31.04 0.06 0.00	33.97 0.17 -0.39	36.76 0.25 -0.42	39.23 0.53 -0.60	39.76 0.43 -0.20	40.99 0.49 0.00	46.83 0.56 0.00	52.45 0.83 0.00	53.82 1.00 -0.42	48.65 0.74 -1.43	45.38 0.69 -1.29	40.62 0.58 -1.34	37.26 0.42 -1.59	31.97 0.22 -0.30
SYRACUSE___ENERGY_ST2 323598	34.20 0.10 -0.65	31.21 0.03 -0.19	27.95 -0.03 0.00	26.07 -0.03 0.00	25.28 -0.08 0.00	26.01 -0.05 0.00	24.80 -0.12 0.00	24.53 -0.02 0.00	26.29 -0.05 0.00	28.69 0.00 0.00	31.04 0.06 0.00	33.97 0.17 -0.39	36.76 0.25 -0.42	39.23 0.53 -0.60	39.76 0.43 -0.20	40.99 0.49 0.00	46.83 0.56 0.00	52.45 0.83 0.00	53.82 1.00 -0.42	48.65 0.74 -1.43	45.38 0.69 -1.29	40.62 0.58 -1.34	37.26 0.42 -1.59	31.97 0.22 -0.30
SYRACUSE___POWER 24017	33.87 0.00 -0.43	31.08 -0.03 -0.13	27.90 -0.08 0.00	26.02 -0.08 0.00	25.23 -0.13 0.00	25.96 -0.10 0.00	24.75 -0.17 0.00	24.48 -0.07 0.00	26.23 -0.11 0.00	28.60 -0.09 0.00	30.94 -0.03 0.00	33.77 0.10 -0.26	36.55 0.18 -0.27	38.95 0.46 -0.40	39.61 0.35 -0.13	40.90 0.40 0.00	46.74 0.46 0.00	52.40 0.77 0.00	53.57 0.89 -0.27	48.11 0.70 -0.94	44.85 0.61 -0.85	40.12 0.54 -0.88	36.65 0.35 -1.04	31.80 0.16 -0.20
TALLMAN___138KV_BK151 55660	35.52 2.07 0.00	32.90 1.92 0.00	29.69 1.71 0.00	27.61 1.51 0.00	26.85 1.50 0.00	27.57 1.51 0.00	26.47 1.55 0.00	26.05 1.50 0.00	28.08 1.74 0.00	30.61 1.92 0.00	32.99 2.01 0.00	35.45 2.04 0.00	38.30 2.20 0.00	40.76 2.67 0.00	42.14 3.01 0.00	43.58 3.08 0.00	49.79 3.52 0.00	55.44 3.82 0.00	56.08 3.67 0.00	49.63 3.16 0.00	46.49 2.82 -0.27	41.14 2.44 0.00	37.12 1.87 0.00	33.27 1.82 0.00
TEALLAVE_115KV_TB7 355573	33.70 -0.10 -0.35	30.96 -0.12 -0.10	27.81 -0.17 0.00	25.94 -0.16 0.00	25.15 -0.20 0.00	25.88 -0.18 0.00	24.68 -0.25 0.00	24.41 -0.15 0.00	26.13 -0.21 0.00	28.52 -0.17 0.00	30.85 -0.12 0.00	33.62 0.00 -0.21	36.39 0.07 -0.23	38.73 0.30 -0.33	39.44 0.20 -0.11	40.74 0.24 0.00	46.60 0.32 0.00	52.14 0.52 0.00	53.26 0.63 -0.23	47.72 0.46 -0.78	44.53 0.43 -0.70	39.82 0.39 -0.73	36.33 0.21 -0.86	31.67 0.06 -0.16
TELGRAPH_34_KV_EAST 80808	33.68 0.23 0.00	31.08 0.09 0.00	27.98 0.00 0.00	26.17 0.08 0.00	25.20 -0.15 0.00	25.96 -0.10 0.00	24.40 -0.52 0.00	24.28 -0.27 0.00	26.05 -0.29 0.00	28.26 -0.43 0.00	31.04 0.06 0.00	33.94 0.53 0.00	36.85 0.76 0.00	39.85 1.75 0.00	40.58 1.45 0.00	41.75 1.26 0.00	47.80 1.53 0.00	53.69 2.06 0.00	54.71 2.31 0.00	48.47 2.00 0.00	45.13 1.74 0.00	40.87 2.17 0.00	36.81 1.55 0.00	32.29 0.85 0.00
TEMPLE___115KV_TB 2 55572	33.73 -0.07 -0.35	30.96 -0.12 -0.10	27.84 -0.14 0.00	25.97 -0.13 0.00	25.18 -0.18 0.00	25.90 -0.16 0.00	24.70 -0.22 0.00	24.41 -0.15 0.00	26.16 -0.18 0.00	28.55 -0.14 0.00	30.88 -0.09 0.00	33.62 0.00 -0.21	36.43 0.11 -0.23	38.76 0.34 -0.33	39.47 0.23 -0.11	40.78 0.28 0.00	46.65 0.37 0.00	52.24 0.62 0.00	53.31 0.68 -0.22	47.76 0.51 -0.78	44.57 0.48 -0.70	39.82 0.39 -0.72	36.36 0.25 -0.86	31.67 0.06 -0.16
TIANA___69_KV_BK 1 55817	38.75 3.38 -1.93	38.12 3.04 -4.10	37.06 2.63 -6.45	34.64 2.45 -6.09	33.12 2.41 -5.36	33.00 2.50 -4.43	27.62 2.59 -0.11	30.28 2.53 -3.20	35.59 2.74 -6.51	37.07 2.96 -5.42	34.62 3.50 -0.14	37.88 3.74 -0.73	39.95 3.83 -0.03	42.27 4.15 -0.03	43.75 4.62 0.00	45.90 5.39 -0.01	58.42 6.48 -5.66	67.12 7.02 -8.48	59.07 6.66 -0.01	52.06 5.58 -0.01	48.47 4.77 -0.30	42.27 3.56 0.00	37.72 2.47 0.00	33.90 2.45 0.00
TILDEN___115KV_TB1 80814	33.87 0.00 -0.43	31.08 -0.03 -0.13	27.90 -0.08 0.00	26.02 -0.08 0.00	25.23 -0.13 0.00	25.96 -0.10 0.00	24.75 -0.17 0.00	24.48 -0.07 0.00	26.23 -0.11 0.00	28.60 -0.09 0.00	30.94 -0.03 0.00	33.77 0.10 -0.26	36.55 0.18 -0.27	38.95 0.46 -0.40	39.61 0.35 -0.13	40.90 0.40 0.00	46.74 0.46 0.00	52.40 0.77 0.00	53.57 0.89 -0.27	48.11 0.70 -0.94	44.85 0.61 -0.85	40.12 0.54 -0.88	36.65 0.35 -1.04	31.80 0.16 -0.20
TRIGEN___CC 323695	38.28 2.91 -1.93	37.75 2.66 -4.10	36.81 2.38 -6.45	34.30 2.11 -6.09	32.77 2.05 -5.36	32.60 2.11 -4.43	27.15 2.12 -0.11	29.82 2.06 -3.20	35.19 2.34 -6.51	36.72 2.61 -5.42	33.94 2.82 -0.14	37.08 2.94 -0.73	39.23 3.03 -0.11	41.55 3.35 -0.11	42.89 3.76 0.00	44.47 3.97 0.00	50.95 4.67 0.00	56.58 4.96 0.00	57.07 4.66 0.00	50.47 4.00 0.00	47.20 3.51 -0.29	41.84 3.14 0.00	37.72 2.47 0.00	33.87 2.42 0.00

TRINITY__115KV__4 BK 55933	34.24 0.80 0.00	31.76 0.77 0.00	28.68 0.70 0.00	26.80 0.70 0.00	26.09 0.74 0.00	26.76 0.70 0.00	25.72 0.80 0.00	25.19 0.64 0.00	27.05 0.71 0.00	29.38 0.69 0.00	31.62 0.65 0.00	34.08 0.67 0.00	36.82 0.72 0.00	39.12 1.03 0.00	40.27 1.13 0.00	41.84 1.34 0.00	47.90 1.62 0.00	53.43 1.81 0.00	54.14 1.73 0.00	47.96 1.49 0.00	46.60 1.39 -1.82	39.71 1.01 0.00	35.89 0.63 0.00	32.14 0.69 0.00
UNION__PROCESSING_DRP 323587	33.54 0.10 0.00	31.01 0.03 0.00	27.90 -0.08 0.00	26.04 -0.05 0.00	25.15 -0.20 0.00	25.90 -0.16 0.00	24.53 -0.40 0.00	24.38 -0.17 0.00	26.13 -0.21 0.00	28.43 -0.26 0.00	31.07 0.09 0.00	33.81 0.40 0.00	36.71 0.61 0.00	39.39 1.30 0.00	40.19 1.06 0.00	41.55 1.05 0.00	47.48 1.20 0.00	53.32 1.70 0.00	54.35 1.94 0.00	48.05 1.58 0.00	44.91 1.52 0.00	40.33 1.63 0.00	36.38 1.13 0.00	32.04 0.60 0.00
UPPER HUDSON__HYD 24058	36.72 3.28 0.00	34.05 3.07 0.00	30.58 2.60 0.00	28.50 2.40 0.00	27.87 2.51 0.00	28.62 2.56 0.00	27.39 2.47 0.00	26.81 2.26 0.00	28.95 2.61 0.00	31.56 2.87 0.00	33.70 2.73 0.00	36.48 3.07 0.00	39.16 3.07 0.00	41.71 3.62 0.00	42.77 3.64 0.00	44.35 3.85 0.00	50.90 4.63 0.00	57.09 5.47 0.00	58.75 6.34 0.00	51.95 5.48 0.00	52.11 5.51 -3.21	43.50 4.80 0.00	38.96 3.70 0.00	34.68 3.24 0.00
UPPER RAQUET__HYD 24056	32.52 -1.04 -0.11	30.15 -0.87 -0.03	27.20 -0.78 0.00	25.31 -0.78 0.00	24.62 -0.74 0.00	25.33 -0.73 0.00	24.33 -0.60 0.00	23.99 -0.56 0.00	25.63 -0.71 0.00	27.86 -0.83 0.00	30.01 -0.96 0.00	32.48 -1.00 -0.07	35.01 -1.16 -0.07	36.45 -1.75 -0.10	37.25 -1.92 -0.03	37.91 -2.59 0.00	43.22 -3.06 0.00	48.06 -3.56 0.00	48.91 -3.57 -0.07	43.79 -2.93 -0.25	41.14 -2.47 -0.22	36.69 -2.25 -0.23	34.40 -1.13 -0.27	30.46 -1.04 -0.05
VALLEY44_115KV_TB2 355964	33.31 -0.13 0.00	30.83 -0.15 0.00	27.79 -0.20 0.00	25.94 -0.16 0.00	25.00 -0.35 0.00	25.75 -0.31 0.00	24.33 -0.60 0.00	24.38 -0.17 0.00	26.29 -0.05 0.00	28.43 -0.26 0.00	31.22 0.25 0.00	34.11 0.70 0.00	37.14 1.05 0.00	40.04 1.94 0.00	40.89 1.76 0.00	42.00 1.50 0.00	48.13 1.85 0.00	54.05 2.43 0.00	55.03 2.62 0.00	48.75 2.28 0.00	45.17 1.78 0.00	40.91 2.21 0.00	36.81 1.55 0.00	32.23 0.79 0.00
VALLEY__115KV_TB 1-4 80826	33.98 0.54 0.00	31.48 0.50 0.00	28.43 0.45 0.00	26.49 0.39 0.00	25.74 0.38 0.00	26.45 0.39 0.00	25.27 0.35 0.00	24.90 0.34 0.00	26.73 0.40 0.00	29.15 0.46 0.00	31.47 0.50 0.00	33.98 0.57 0.00	36.71 0.61 0.00	38.82 0.72 0.00	39.80 0.67 0.00	41.15 0.65 0.00	46.97 0.69 0.00	52.40 0.77 0.00	53.19 0.79 0.00	47.26 0.76 0.00	44.09 0.69 0.00	39.36 0.66 0.00	35.68 0.42 0.00	31.85 0.41 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	35.43 1.87 -0.11	32.75 1.74 -0.03	29.58 1.59 0.00	27.58 1.49 0.00	26.78 1.42 0.00	27.52 1.46 0.00	26.27 1.35 0.00	25.95 1.40 0.00	27.92 1.58 0.00	30.44 1.75 0.00	32.86 1.89 0.00	35.58 2.10 -0.07	38.44 2.27 -0.07	40.82 2.63 -0.10	41.79 2.62 -0.03	43.17 2.67 0.00	49.33 3.05 0.00	55.08 3.46 0.00	56.04 3.56 -0.07	50.01 3.30 -0.24	47.03 2.99 -0.65	41.56 2.63 -0.23	37.60 2.08 -0.27	33.32 1.82 -0.05
VISCHER__FERRY HYD 24020	35.15 1.70 0.00	32.56 1.58 0.00	29.41 1.43 0.00	27.43 1.33 0.00	26.73 1.37 0.00	27.44 1.38 0.00	26.30 1.37 0.00	25.76 1.20 0.00	27.68 1.34 0.00	30.12 1.43 0.00	32.34 1.36 0.00	34.91 1.50 0.00	37.64 1.55 0.00	40.07 1.98 0.00	41.20 2.07 0.00	42.85 2.35 0.00	49.10 2.82 0.00	54.77 3.15 0.00	55.66 3.25 0.00	49.26 2.79 0.00	48.74 2.65 -2.70	40.87 2.17 0.00	36.80 1.55 0.00	32.95 1.51 0.00
V_A_10_SYNC_DSASP 323832	32.97 -0.47 0.00	30.49 -0.50 0.00	27.48 -0.50 0.00	25.68 -0.42 0.00	24.75 -0.61 0.00	25.49 -0.57 0.00	24.08 -0.85 0.00	23.89 -0.66 0.00	25.65 -0.68 0.00	27.86 -0.83 0.00	30.94 -0.03 0.00	33.31 -0.10 0.00	36.17 0.07 0.00	38.90 0.80 0.00	39.68 0.55 0.00	40.90 0.40 0.00	46.83 0.56 0.00	52.55 0.93 0.00	53.45 1.05 0.00	47.26 0.79 0.00	44.00 0.61 0.00	39.87 1.16 0.00	35.96 0.70 0.00	31.63 0.19 0.00
V_CMM_10_SYNC_DSASP 323787	32.74 -0.70 0.00	30.43 -0.56 0.00	27.45 -0.53 0.00	25.60 -0.50 0.00	24.87 -0.48 0.00	25.59 -0.47 0.00	24.55 -0.37 0.00	24.21 -0.34 0.00	25.89 -0.45 0.00	28.20 -0.49 0.00	30.38 -0.59 0.00	32.81 -0.60 0.00	35.37 -0.72 0.00	36.87 -1.22 0.00	37.84 -1.29 0.00	38.96 -1.54 0.00	44.47 -1.81 0.00	49.45 -2.17 0.00	50.15 -2.25 0.00	44.57 -1.91 0.00	41.79 -1.60 0.00	37.24 -1.47 0.00	34.51 -0.74 0.00	30.78 -0.66 0.00
V_CMP_10_SYNC_DSASP 323788	33.71 0.27 0.00	31.36 0.37 0.00	28.26 0.28 0.00	26.30 0.21 0.00	25.61 0.25 0.00	26.45 0.39 0.00	25.47 0.55 0.00	25.24 0.69 0.00	27.00 0.66 0.00	29.35 0.66 0.00	31.69 0.71 0.00	34.21 0.80 0.00	36.82 0.72 0.00	37.64 -0.46 0.00	38.55 -0.59 0.00	39.85 -0.65 0.00	45.49 -0.79 0.00	49.61 -2.01 0.00	50.31 -2.10 0.00	45.49 -0.98 0.00	42.83 -0.57 0.00	38.67 -0.04 0.00	35.64 0.39 0.00	31.67 0.22 0.00
V_D_10_SYNC_DSASP 323841	32.91 -0.54 0.00	30.58 -0.40 0.00	27.62 -0.36 0.00	25.73 -0.37 0.00	25.03 -0.33 0.00	25.72 -0.34 0.00	24.70 -0.22 0.00	24.36 -0.20 0.00	26.02 -0.31 0.00	28.32 -0.37 0.00	30.51 -0.46 0.00	32.94 -0.47 0.00	35.51 -0.58 0.00	37.03 -1.07 0.00	37.96 -1.17 0.00	38.80 -1.70 0.00	44.29 -1.99 0.00	49.25 -2.37 0.00	49.94 -2.46 0.00	44.38 -2.09 0.00	41.70 -1.69 0.00	37.16 -1.55 0.00	34.66 -0.60 0.00	30.91 -0.53 0.00
V_E_10_SYNC_DSASP 323830	36.91 3.21 -0.26	34.06 3.00 -0.08	30.61 2.63 0.00	28.50 2.40 0.00	27.61 2.26 0.00	28.41 2.35 0.00	27.02 2.09 0.00	26.84 2.28 0.00	28.63 2.29 0.00	31.13 2.44 0.00	33.67 2.69 0.00	36.61 3.04 -0.16	39.62 3.36 -0.17	42.14 3.81 -0.24	42.81 3.60 -0.08	44.22 3.72 0.00	50.63 4.35 0.00	56.99 5.37 0.00	58.60 6.02 -0.16	52.94 5.90 -0.57	49.48 5.38 -0.70	44.19 4.96 -0.53	39.87 3.98 -0.63	34.80 3.24 -0.12
V_F_30_NSYNC__DSASP 323816	36.18 2.74 0.00	33.55 2.57 0.00	30.19 2.21 0.00	28.16 2.06 0.00	27.49 2.13 0.00	28.22 2.16 0.00	27.02 2.09 0.00	26.44 1.89 0.00	28.47 2.13 0.00	31.04 2.35 0.00	33.30 2.32 0.00	36.02 2.61 0.00	38.80 2.71 0.00	41.29 3.20 0.00	42.42 3.29 0.00	44.02 3.52 0.00	50.49 4.21 0.00	56.53 4.91 0.00	57.70 5.29 0.00	51.07 4.60 0.00	50.91 4.43 -3.08	42.54 3.83 0.00	38.18 2.92 0.00	34.09 2.64 0.00
V_F_30_SYNC_DSASP 323786	34.41 0.97 0.00	31.88 0.90 0.00	28.79 0.81 0.00	26.88 0.78 0.00	26.19 0.84 0.00	26.87 0.81 0.00	25.82 0.90 0.00	25.27 0.71 0.00	27.16 0.82 0.00	29.49 0.80 0.00	31.78 0.81 0.00	34.28 0.87 0.00	37.03 0.94 0.00	39.35 1.26 0.00	40.50 1.37 0.00	42.04 1.54 0.00	48.13 1.85 0.00	53.74 2.12 0.00	54.50 2.10 0.00	48.24 1.77 0.00	47.21 1.65 -2.17	39.94 1.24 0.00	36.10 0.85 0.00	32.29 0.85 0.00

V_XM10_SYNC_DSASP 323789	33.71 0.27 0.00	31.36 0.37 0.00	28.26 0.28 0.00	26.30 0.21 0.00	25.61 0.25 0.00	26.45 0.39 0.00	25.47 0.55 0.00	25.24 0.69 0.00	27.00 0.66 0.00	29.35 0.66 0.00	31.69 0.71 0.00	34.21 0.80 0.00	36.82 0.72 0.00	37.64 -0.46 0.00	38.55 -0.59 0.00	39.85 -0.65 0.00	45.49 -0.79 0.00	49.61 -2.01 0.00	50.31 -2.10 0.00	45.49 -0.98 0.00	42.83 -0.57 0.00	38.67 -0.04 0.00	35.64 0.39 0.00	31.67 0.22 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	35.62 2.17 0.00	33.00 2.01 0.00	29.80 1.82 0.00	27.71 1.62 0.00	26.93 1.57 0.00	27.65 1.59 0.00	26.55 1.62 0.00	26.13 1.57 0.00	28.16 1.82 0.00	30.73 2.04 0.00	33.08 2.11 0.00	35.55 2.14 0.00	38.40 2.31 0.00	40.87 2.78 0.00	42.26 3.13 0.00	43.70 3.20 0.00	49.93 3.66 0.00	55.65 4.03 0.00	56.29 3.88 0.00	49.82 3.35 0.00	46.62 2.95 -0.28	41.26 2.55 0.00	37.23 1.97 0.00	33.39 1.95 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	36.05 2.61 0.00	33.37 2.39 0.00	30.08 2.10 0.00	27.95 1.85 0.00	27.16 1.80 0.00	27.94 1.88 0.00	26.84 1.92 0.00	26.40 1.84 0.00	28.45 2.11 0.00	31.10 2.41 0.00	33.58 2.60 0.00	36.05 2.64 0.00	38.95 2.85 0.00	41.48 3.39 0.00	42.85 3.72 0.00	44.27 3.77 0.00	50.49 4.21 0.00	56.16 4.54 0.00	56.70 4.30 0.00	50.19 3.72 0.00	47.07 3.38 -0.29	41.73 3.02 0.00	37.72 2.47 0.00	33.80 2.36 0.00
W50THST__13_KV_LOAD 356117	36.28 2.84 0.00	33.55 2.57 0.00	30.25 2.27 0.00	28.11 2.01 0.00	27.31 1.95 0.00	28.09 2.03 0.00	26.99 2.07 0.00	26.57 2.01 0.00	28.63 2.29 0.00	31.30 2.61 0.00	33.76 2.79 0.00	36.25 2.84 0.00	39.20 3.10 0.00	41.79 3.70 0.00	43.12 3.99 0.00	44.55 4.05 0.00	50.77 4.49 0.00	56.47 4.85 0.00	57.02 4.61 0.00	50.52 4.04 0.00	47.33 3.64 -0.29	41.96 3.25 0.00	37.90 2.64 0.00	33.96 2.52 0.00
WADING RIVER_IC_1 23522	38.25 2.88 -1.93	37.66 2.57 -4.10	36.67 2.24 -6.45	34.35 2.16 -6.09	32.82 2.10 -5.36	32.68 2.19 -4.43	27.30 2.27 -0.11	29.94 2.18 -3.20	35.19 2.34 -6.51	36.52 2.41 -5.42	33.84 2.73 -0.14	37.08 2.94 -0.73	39.08 2.96 -0.03	41.47 3.35 -0.03	42.85 3.72 0.00	45.08 4.58 -0.01	57.33 5.41 -5.64	65.91 5.83 -8.45	58.08 5.66 -0.01	51.27 4.79 -0.01	47.73 4.04 -0.30	41.69 2.98 0.00	37.12 1.87 0.00	33.39 1.95 0.00
WADING RIVER_IC_2 23547	38.25 2.88 -1.93	37.66 2.57 -4.10	36.67 2.24 -6.45	34.35 2.16 -6.09	32.82 2.10 -5.36	32.68 2.19 -4.43	27.30 2.27 -0.11	29.94 2.18 -3.20	35.19 2.34 -6.51	36.52 2.41 -5.42	33.84 2.73 -0.14	37.08 2.94 -0.73	39.08 2.96 -0.03	41.47 3.35 -0.03	42.85 3.72 0.00	45.08 4.58 -0.01	57.33 5.41 -5.64	65.91 5.83 -8.45	58.08 5.66 -0.01	51.27 4.79 -0.01	47.73 4.04 -0.30	41.69 2.98 0.00	37.12 1.87 0.00	33.39 1.95 0.00
WADING RIVER_IC_3 23601	38.25 2.88 -1.93	37.66 2.57 -4.10	36.67 2.24 -6.45	34.35 2.16 -6.09	32.82 2.10 -5.36	32.68 2.19 -4.43	27.30 2.27 -0.11	29.94 2.18 -3.20	35.19 2.34 -6.51	36.52 2.41 -5.42	33.84 2.73 -0.14	37.08 2.94 -0.73	39.08 2.96 -0.03	41.47 3.35 -0.03	42.85 3.72 0.00	45.08 4.58 -0.01	57.33 5.41 -5.64	65.91 5.83 -8.45	58.08 5.66 -0.01	51.27 4.79 -0.01	47.73 4.04 -0.30	41.69 2.98 0.00	37.12 1.87 0.00	33.39 1.95 0.00
WALDENNY_12_KV_BK2 80841	33.64 0.20 0.00	31.08 0.09 0.00	28.01 0.03 0.00	26.20 0.10 0.00	25.23 -0.13 0.00	25.96 -0.10 0.00	24.45 -0.47 0.00	24.33 -0.22 0.00	26.21 -0.13 0.00	28.37 -0.32 0.00	31.22 0.25 0.00	34.18 0.77 0.00	37.18 1.08 0.00	40.19 2.10 0.00	40.97 1.84 0.00	42.08 1.58 0.00	48.22 1.94 0.00	54.00 2.37 0.00	54.92 2.52 0.00	48.61 2.14 0.00	45.13 1.74 0.00	40.95 2.24 0.00	36.95 1.69 0.00	32.39 0.94 0.00
WALDEN__HYDRO 24148	35.48 2.04 0.00	32.90 1.92 0.00	29.69 1.71 0.00	27.61 1.51 0.00	26.85 1.50 0.00	27.55 1.49 0.00	26.42 1.50 0.00	25.95 1.40 0.00	27.97 1.63 0.00	30.53 1.84 0.00	32.89 1.92 0.00	35.35 1.94 0.00	38.22 2.13 0.00	40.65 2.55 0.00	41.99 2.86 0.00	43.42 2.92 0.00	49.70 3.42 0.00	55.39 3.77 0.00	56.18 3.77 0.00	49.73 3.25 0.00	46.64 2.95 -0.29	41.22 2.52 0.00	37.16 1.90 0.00	33.30 1.86 0.00
WARRENSBURG____ 23737	36.72 3.28 0.00	34.05 3.07 0.00	30.58 2.60 0.00	28.50 2.40 0.00	27.87 2.51 0.00	28.62 2.56 0.00	27.39 2.47 0.00	26.81 2.26 0.00	28.95 2.61 0.00	31.56 2.87 0.00	33.70 2.73 0.00	36.48 3.07 0.00	39.16 3.07 0.00	41.71 3.62 0.00	42.77 3.64 0.00	44.35 3.85 0.00	50.90 4.63 0.00	57.09 5.47 0.00	58.75 6.34 0.00	51.95 5.48 0.00	52.11 5.51 -3.21	43.50 4.80 0.00	38.96 3.70 0.00	34.68 3.24 0.00
WATERSIDE____6 8 9 23538	36.15 2.71 0.00	33.46 2.48 0.00	30.13 2.15 0.00	28.00 1.91 0.00	27.21 1.85 0.00	27.94 1.88 0.00	26.84 1.92 0.00	26.40 1.84 0.00	28.42 2.08 0.00	31.10 2.41 0.00	33.60 2.63 0.01	36.11 2.71 0.01	38.84 2.74 0.00	41.45 3.35 0.00	42.79 3.80 0.14	44.10 3.60 0.00	50.25 3.98 0.01	57.37 4.28 -1.46	58.48 4.14 -1.93	50.00 3.53 0.01	46.97 3.30 -0.28	41.47 3.17 0.41	37.86 2.61 0.01	31.32 2.52 2.64
WATKINRD_115KV_LN8_ILLION 55919	33.84 0.40 0.00	31.35 0.37 0.00	28.32 0.34 0.00	26.41 0.31 0.00	25.66 0.30 0.00	26.35 0.29 0.00	25.20 0.27 0.00	24.82 0.27 0.00	26.63 0.29 0.00	29.01 0.32 0.00	31.32 0.34 0.00	33.81 0.40 0.00	36.53 0.43 0.00	38.63 0.53 0.00	39.68 0.55 0.00	41.03 0.53 0.00	46.88 0.60 0.00	52.29 0.67 0.00	53.14 0.73 0.00	47.17 0.70 0.00	44.00 0.61 0.00	39.25 0.54 0.00	35.61 0.35 0.00	31.76 0.31 0.00
WATSON__69_KV_BK 1 55734	39.08 3.71 -1.93	38.43 3.35 -4.10	37.37 2.94 -6.45	34.85 2.66 -6.09	33.30 2.59 -5.36	33.15 2.66 -4.43	27.70 2.67 -0.11	30.33 2.58 -3.20	35.69 2.84 -6.51	37.27 3.16 -5.42	34.65 3.53 -0.14	37.91 3.78 -0.73	39.97 3.83 -0.05	42.25 4.11 -0.05	43.67 4.54 0.00	45.53 5.02 -0.01	55.05 5.92 -2.85	62.24 6.35 -4.27	58.44 6.03 -0.01	51.82 5.34 -0.01	48.42 4.73 -0.30	42.67 3.95 -0.02	38.25 3.00 0.00	34.37 2.92 0.00
WDELAWARE__HYD 323627	35.31 1.87 0.00	32.75 1.77 0.00	29.52 1.54 0.00	27.45 1.36 0.00	26.67 1.32 0.00	27.36 1.30 0.00	26.20 1.27 0.00	25.73 1.18 0.00	27.73 1.40 0.00	30.27 1.58 0.00	32.61 1.64 0.00	35.11 1.70 0.00	37.93 1.84 0.00	40.30 2.21 0.00	41.64 2.51 0.00	43.09 2.59 0.00	49.33 3.05 0.00	55.03 3.41 0.00	55.92 3.51 0.00	49.63 3.16 0.00	46.57 2.86 -0.32	41.22 2.51 0.00	37.05 1.80 0.00	33.17 1.73 0.00
WEST BABYLON__IC 23714	38.95 3.58 -1.93	38.34 3.25 -4.10	37.28 2.85 -6.45	34.77 2.58 -6.09	33.22 2.51 -5.36	33.07 2.58 -4.43	27.60 2.57 -0.11	30.23 2.48 -3.20	35.61 2.77 -6.51	37.18 3.07 -5.42	34.52 3.41 -0.14	37.78 3.64 -0.73	39.79 3.65 -0.05	42.03 3.89 -0.05	43.48 4.34 0.00	45.24 4.74 0.00	52.57 5.60 -0.70	58.65 5.99 -1.04	58.07 5.66 0.00	51.49 5.02 0.00	48.11 4.43 -0.29	42.55 3.83 -0.01	38.25 3.00 0.00	34.34 2.89 0.00

WEST CANADA___HYD 24049	33.68 0.24 0.00	31.20 0.22 0.00	28.20 0.22 0.00	26.30 0.21 0.00	25.56 0.20 0.00	26.27 0.21 0.00	25.10 0.18 0.00	24.73 0.17 0.00	26.53 0.19 0.00	28.89 0.20 0.00	31.19 0.22 0.00	33.65 0.24 0.00	36.35 0.25 0.00	38.47 0.38 0.00	39.52 0.39 0.00	40.95 0.45 0.00	46.79 0.51 0.00	52.19 0.57 0.00	52.98 0.58 0.00	46.98 0.51 0.00	43.83 0.43 0.00	39.09 0.39 0.00	35.47 0.21 0.00	31.63 0.19 0.00
WESTERN_NY_WIND 24143	34.11 0.67 0.00	31.51 0.53 0.00	28.35 0.36 0.00	26.46 0.37 0.00	25.51 0.15 0.00	26.30 0.23 0.00	24.73 -0.20 0.00	24.60 0.05 0.00	26.37 0.03 0.00	28.58 -0.11 0.00	31.38 0.40 0.00	34.28 0.87 0.00	37.25 1.15 0.00	40.27 2.17 0.00	41.01 1.88 0.00	42.24 1.74 0.00	48.41 2.13 0.00	54.46 2.84 0.00	55.66 3.25 0.00	49.31 2.83 0.00	46.00 2.60 0.00	41.53 2.83 0.00	37.37 2.12 0.00	32.76 1.32 0.00
WESTOVER___LESR 323668	34.25 0.57 -0.24	31.55 0.50 -0.07	28.37 0.39 0.00	26.49 0.39 0.00	25.66 0.30 0.00	26.40 0.34 0.00	25.13 0.20 0.00	24.90 0.34 0.00	26.71 0.37 0.00	29.09 0.40 0.00	31.53 0.56 0.00	34.33 0.77 -0.15	37.19 0.94 -0.16	39.73 1.41 -0.23	40.54 1.33 -0.07	41.84 1.34 0.00	47.90 1.62 0.00	53.63 2.01 0.00	54.71 2.15 -0.16	48.87 1.86 -0.54	45.61 1.61 -0.61	40.75 1.55 -0.50	36.98 1.13 -0.59	32.34 0.79 -0.11
WETHRSFD_WT_PWR 323626	33.64 0.20 0.00	31.11 0.12 0.00	28.01 0.03 0.00	26.15 0.05 0.00	25.21 -0.15 0.00	25.96 -0.10 0.00	24.50 -0.42 0.00	24.41 -0.15 0.00	26.21 -0.13 0.00	28.43 -0.26 0.00	31.53 0.56 0.00	34.01 0.60 0.00	36.92 0.83 0.00	39.77 1.67 0.00	40.54 1.41 0.00	41.71 1.21 0.00	47.80 1.52 0.00	53.74 2.12 0.00	54.77 2.36 0.00	48.47 2.00 0.00	45.04 1.65 0.00	40.79 2.09 0.00	36.74 1.48 0.00	32.26 0.82 0.00
WHAVSTOR_138KV_BK127 55557	35.45 2.01 0.00	32.87 1.89 0.00	29.69 1.71 0.00	27.58 1.49 0.00	26.83 1.47 0.00	27.55 1.49 0.00	26.45 1.52 0.00	26.05 1.50 0.00	28.05 1.71 0.00	30.58 1.89 0.00	32.93 1.95 0.00	35.35 1.94 0.00	38.19 2.09 0.00	40.65 2.55 0.00	42.03 2.90 0.00	43.46 2.96 0.00	49.65 3.38 0.00	55.29 3.67 0.00	55.87 3.46 0.00	49.45 2.97 0.00	46.32 2.65 -0.28	41.03 2.32 0.00	37.02 1.76 0.00	33.20 1.76 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	35.45 2.01 0.00	32.87 1.89 0.00	29.69 1.71 0.00	27.58 1.49 0.00	26.83 1.47 0.00	27.55 1.49 0.00	26.45 1.52 0.00	26.05 1.50 0.00	28.05 1.71 0.00	30.58 1.89 0.00	32.93 1.95 0.00	35.35 1.94 0.00	38.19 2.09 0.00	40.65 2.55 0.00	42.03 2.90 0.00	43.46 2.96 0.00	49.65 3.38 0.00	55.29 3.67 0.00	55.87 3.46 0.00	49.45 2.97 0.00	46.32 2.65 -0.28	41.03 2.32 0.00	37.02 1.76 0.00	33.20 1.76 0.00
WHITEHAL_115KV_TB1 80871	37.39 3.95 0.00	34.67 3.69 0.00	31.09 3.11 0.00	28.97 2.87 0.00	28.35 2.99 0.00	29.11 3.05 0.00	27.87 2.94 0.00	27.25 2.70 0.00	29.45 3.11 0.00	32.13 3.44 0.00	34.32 3.35 0.00	37.19 3.78 0.00	39.96 3.86 0.00	42.59 4.50 0.00	43.63 4.50 0.00	45.28 4.78 0.00	52.02 5.74 0.00	58.54 6.92 0.00	60.22 7.81 0.00	53.30 6.83 0.00	53.30 6.73 -3.18	44.51 5.81 0.00	39.80 4.55 0.00	35.37 3.93 0.00
WHITEPLN_13_KV_LOAD 356215	36.22 2.78 0.00	33.52 2.54 0.00	30.19 2.21 0.00	28.05 1.96 0.00	27.28 1.93 0.00	28.07 2.01 0.00	26.94 2.02 0.00	26.49 1.94 0.00	28.55 2.21 0.00	31.19 2.50 0.00	33.70 2.73 0.00	36.25 2.84 0.00	39.27 3.18 0.00	41.87 3.77 0.00	43.48 4.34 0.00	44.87 4.37 0.00	51.27 5.00 0.00	57.04 5.42 0.00	57.54 5.14 0.00	50.84 4.37 0.00	47.55 3.86 -0.29	42.07 3.37 0.00	37.86 2.61 0.00	33.96 2.52 0.00
WM_FLOYD_69_KV_BK2 356380	38.51 3.14 -1.93	37.94 2.85 -4.10	36.92 2.49 -6.45	34.48 2.30 -6.09	32.97 2.26 -5.36	32.81 2.32 -4.43	27.40 2.37 -0.11	30.04 2.28 -3.20	35.32 2.48 -6.51	36.75 2.64 -5.42	34.15 3.04 -0.14	37.35 3.21 -0.73	39.33 3.21 -0.03	41.66 3.54 -0.03	43.12 3.99 0.00	45.17 4.66 -0.01	57.63 5.60 -5.76	66.28 6.04 -8.62	58.13 5.71 -0.01	51.36 4.88 -0.01	47.95 4.25 -0.30	41.92 3.21 0.00	37.48 2.22 0.00	33.71 2.26 0.00
WOODARD__115KV_TB2 355635	33.75 -0.17 -0.47	30.94 -0.19 -0.14	27.76 -0.22 0.00	25.89 -0.21 0.00	25.13 -0.23 0.00	25.83 -0.23 0.00	24.65 -0.27 0.00	24.36 -0.20 0.00	26.10 -0.24 0.00	28.49 -0.20 0.00	30.79 -0.19 0.00	33.60 -0.10 -0.29	36.36 -0.04 -0.30	38.76 0.23 -0.44	39.39 0.12 -0.14	40.66 0.16 0.00	46.46 0.19 0.00	52.03 0.41 0.00	53.23 0.52 -0.30	47.88 0.37 -1.04	44.67 0.35 -0.94	39.94 0.27 -0.97	36.54 0.14 -1.15	31.63 -0.03 -0.22
YORK___WARBASSE 23770	36.37 2.91 -0.02	33.66 2.66 -0.01	30.34 2.35 -0.01	28.16 2.06 0.00	27.36 2.00 0.00	28.07 2.01 0.00	26.94 2.02 0.00	26.47 1.92 0.00	28.53 2.19 0.00	31.27 2.58 0.00	33.85 2.82 -0.06	36.37 2.91 -0.06	39.02 2.92 0.00	41.67 3.58 0.00	44.17 4.07 -0.97	44.43 3.93 0.00	116.45 4.40 -65.78	71.46 4.75 -15.09	110.40 4.56 -53.43	67.89 3.90 -17.51	47.38 3.64 -0.35	45.01 3.44 -2.86	38.17 2.86 -0.06	52.70 2.74 -18.52