

Day Ahead Market Generator LBMP

		--- LBMP \$										--- Marginal Cost of Losses										--- Marginal Cost of Congestion										05/03/2026		
Generator Data																																		
Name		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									
PTID		EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT									
59TH STREET_GT_1		37.35	37.23	34.09	33.09	32.76	35.86	38.85	33.68	30.20	25.24	23.26	16.35	15.34	13.86	13.02	14.12	16.85	26.38	38.98	53.40	58.07	44.52	32.88	28.63									
24138		2.35	2.24	2.11	2.08	1.97	2.19	2.16	2.20	2.44	2.19	2.09	1.20	1.24	1.11	1.10	1.22	1.43	2.18	3.05	3.77	4.20	3.19	2.44	2.11									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.93	-0.36	-1.06									
74TH STREET_GT_1		37.32	37.19	34.06	33.06	32.73	35.83	38.82	33.65	30.20	25.22	23.26	16.32	15.31	13.84	13.01	14.10	16.82	26.36	38.95	53.35	58.02	44.48	32.82	28.61									
24260		2.31	2.20	2.08	2.05	1.94	2.15	2.13	2.17	2.44	2.17	2.09	1.17	1.21	1.08	1.08	1.21	1.40	2.15	3.02	3.72	4.15	3.15	2.38	2.09									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.93	-0.36	-1.06									
74TH STREET_GT_2		37.32	37.19	34.06	33.06	32.73	35.83	38.82	33.65	30.20	25.22	23.26	16.32	15.31	13.84	13.01	14.10	16.82	26.36	38.95	53.35	58.02	44.48	32.82	28.61									
24261		2.31	2.20	2.08	2.05	1.94	2.15	2.13	2.17	2.44	2.17	2.09	1.17	1.21	1.08	1.08	1.21	1.40	2.15	3.02	3.72	4.15	3.15	2.38	2.09									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.93	-0.36	-1.06									
ADK HUDSON___FALLS		37.18	37.23	33.99	32.97	32.73	35.79	38.93	33.21	29.17	24.16	22.13	15.77	14.67	13.25	12.41	13.39	16.16	25.44	37.94	52.75	57.21	43.22	32.16	28.41									
24011		2.17	2.24	2.01	1.95	1.94	2.12	2.24	1.73	1.42	1.11	0.97	0.62	0.58	0.50	0.49	0.50	0.74	1.23	2.01	3.13	3.34	2.83	2.08	1.71									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.25									
ADK RESOURCE___RCVRY		37.28	37.37	34.06	33.06	32.83	35.89	39.04	33.27	29.17	24.18	22.15	15.77	14.68	13.25	12.41	13.39	16.16	25.46	38.01	52.90	57.42	43.38	32.28	28.49									
23798		2.27	2.38	2.08	2.05	2.03	2.22	2.35	1.79	1.41	1.13	0.99	0.62	0.58	0.50	0.49	0.50	0.74	1.26	2.08	3.27	3.55	2.99	2.19	1.78									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.25									
ADK S GLENS___FALLS		37.18	37.23	33.99	32.97	32.73	35.79	38.93	33.21	29.17	24.16	22.13	15.77	14.67	13.25	12.41	13.39	16.16	25.44	37.94	52.75	57.21	43.22	32.16	28.41									
24028		2.17	2.24	2.01	1.95	1.94	2.12	2.24	1.73	1.42	1.11	0.97	0.62	0.58	0.50	0.49	0.50	0.74	1.23	2.01	3.13	3.34	2.83	2.08	1.71									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.25									
ADK_NYS___DAM		36.96	36.95	33.77	32.75	32.49	35.56	38.63	33.24	29.37	24.44	22.47	16.00	14.90	13.48	12.62	13.68	16.39	25.75	38.23	52.76	57.21	43.01	32.01	28.33									
23527		1.96	1.96	1.79	1.74	1.69	1.88	1.94	1.76	1.61	1.38	1.31	0.85	0.80	0.73	0.70	0.79	0.97	1.55	2.30	3.13	3.34	2.62	1.93	1.65									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.22									
AIR_PRODUCTS___DRP		35.71	35.76	32.71	31.73	31.47	34.45	37.31	32.11	28.37	23.58	21.69	15.48	14.41	13.02	12.20	13.20	15.83	24.88	36.86	50.77	55.00	41.48	30.95	27.56									
24190		0.70	0.77	0.74	0.71	0.68	0.77	0.62	0.63	0.61	0.53	0.53	0.33	0.31	0.27	0.27	0.31	0.42	0.68	0.93	1.14	1.13	1.09	0.87	0.89									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.21									
AKWESSNE_115KV_BK		34.83	34.54	31.63	30.58	30.39	33.17	36.28	31.07	27.23	22.61	20.80	14.89	13.83	12.50	11.65	12.59	15.03	23.60	35.14	48.78	52.84	39.70	29.51	24.92									
355683		-0.18	-0.45	-0.35	-0.43	-0.40	-0.51	-0.40	-0.41	-0.53	-0.44	-0.36	-0.26	-0.27	-0.26	-0.27	-0.30	-0.39	-0.61	-0.79	-0.84	-1.02	-0.69	-0.57	-0.53									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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		36.37	36.43	33.29	32.32	32.06	35.05	37.97	32.46	28.51	23.65	21.75	15.50	14.43	13.04	12.22	13.24	15.89	25.03	37.33	51.66	56.13	42.93	31.73	27.90									
323833		1.36	1.44	1.31	1.30	1.26	1.38	1.28	0.98	0.75	0.60	0.59	0.35	0.34	0.29	0.30	0.35	0.48	0.82	1.40	2.04	2.26	1.86	1.38	1.25									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.68	-0.26	-1.20									
ALBANY_2_SOLAR		36.37	36.43	33.29	32.32	32.03	35.05	37.97	32.46	28.51	23.65	21.75	15.50	14.43	13.04	12.22	13.24	15.89	25.03	37.33	51.66	56.08	42.93	31.73	27.90									
323834		1.36	1.44	1.31	1.30	1.23	1.38	1.28	0.98	0.75	0.60	0.59	0.35	0.34	0.29	0.30	0.35	0.48	0.82	1.40	2.04	2.21	1.86	1.38	1.25									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.68	-0.26	-1.20									
ALBANY___1		35.71	35.76	32.71	31.73	31.47	34.45	37.31	32.11	28.37	23.58	21.69	15.48	14.41	13.02	12.20	13.20	15.83	24.88	36.86	50.77	55.00	41.48	30.95	27.56									
23571		0.70	0.77	0.74	0.71	0.68	0.77	0.62	0.63	0.61	0.53	0.53	0.33	0.31	0.27	0.27	0.31	0.42	0.68	0.93	1.14	1.13	1.09	0.87	0.89									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.21									

ALBANY___2 23572	35.71 0.70 0.00	35.76 0.77 0.00	32.71 0.74 0.00	31.73 0.71 0.00	31.47 0.68 0.00	34.45 0.77 0.00	37.31 0.62 0.00	32.11 0.63 0.00	28.37 0.61 0.00	23.58 0.53 0.00	21.69 0.53 0.00	15.48 0.33 0.00	14.41 0.31 0.00	13.02 0.27 0.00	12.20 0.27 0.00	13.20 0.31 0.00	15.83 0.42 0.00	24.88 0.68 0.00	36.86 0.93 0.00	50.77 1.14 0.00	55.00 1.13 0.00	41.48 1.09 0.00	30.95 0.87 0.00	27.56 0.89 -1.21
ALBANY___3 23573	35.71 0.70 0.00	35.76 0.77 0.00	32.71 0.74 0.00	31.73 0.71 0.00	31.47 0.68 0.00	34.45 0.77 0.00	37.31 0.62 0.00	32.11 0.63 0.00	28.37 0.61 0.00	23.58 0.53 0.00	21.69 0.53 0.00	15.48 0.33 0.00	14.41 0.31 0.00	13.02 0.27 0.00	12.20 0.27 0.00	13.20 0.31 0.00	15.83 0.42 0.00	24.88 0.68 0.00	36.86 0.93 0.00	50.77 1.14 0.00	55.00 1.13 0.00	41.48 1.09 0.00	30.95 0.87 0.00	27.56 0.89 -1.21
ALBANY___4 23574	35.71 0.70 0.00	35.76 0.77 0.00	32.71 0.74 0.00	31.73 0.71 0.00	31.47 0.68 0.00	34.45 0.77 0.00	37.31 0.62 0.00	32.11 0.63 0.00	28.37 0.61 0.00	23.58 0.53 0.00	21.69 0.53 0.00	15.48 0.33 0.00	14.41 0.31 0.00	13.02 0.27 0.00	12.20 0.27 0.00	13.20 0.31 0.00	15.83 0.42 0.00	24.88 0.68 0.00	36.86 0.93 0.00	50.77 1.14 0.00	55.00 1.13 0.00	41.48 1.09 0.00	30.95 0.87 0.00	27.56 0.89 -1.21
ALBANY___LFGE 323615	36.02 1.02 0.00	36.04 1.05 0.00	32.97 0.99 0.00	32.01 0.99 0.00	31.72 0.92 0.00	34.72 1.04 0.00	37.64 0.95 0.00	32.33 0.85 0.00	28.53 0.78 0.00	23.74 0.69 0.00	21.85 0.70 0.00	15.57 0.42 0.00	14.49 0.39 0.00	13.10 0.34 0.00	12.27 0.35 0.00	13.28 0.39 0.00	15.94 0.52 0.00	25.05 0.85 0.00	37.15 1.22 0.00	51.22 1.59 0.00	55.54 1.67 0.00	41.84 1.45 0.00	31.23 1.14 0.00	27.77 1.09 -1.22
ALCOA_PA_115KV_PL-6C 55860	34.83 -0.17 0.00	34.53 -0.46 0.00	31.63 -0.35 0.00	30.58 -0.43 0.00	30.36 -0.43 0.00	33.17 -0.50 0.00	36.28 -0.40 0.00	31.04 -0.44 0.00	27.20 -0.55 0.00	22.55 -0.51 0.00	20.73 -0.42 0.00	14.86 -0.29 0.00	13.80 -0.30 0.00	12.47 -0.28 0.00	11.62 -0.30 0.00	12.56 -0.34 0.00	15.00 -0.42 0.00	23.55 -0.65 0.00	35.10 -0.82 0.00	48.83 -0.80 0.00	52.95 -0.92 0.00	39.74 -0.65 0.00	29.51 -0.57 0.00	24.90 -0.56 0.00
ALCOA_RYNLDS___DRP 24188	34.83 -0.18 0.00	34.54 -0.45 0.00	31.63 -0.35 0.00	30.58 -0.43 0.00	30.36 -0.43 0.00	33.17 -0.51 0.00	36.28 -0.40 0.00	31.04 -0.44 0.00	27.17 -0.58 0.00	22.55 -0.51 0.00	20.76 -0.40 0.00	14.86 -0.29 0.00	13.80 -0.30 0.00	12.47 -0.28 0.00	11.62 -0.30 0.00	12.56 -0.34 0.00	15.00 -0.42 0.00	23.55 -0.65 0.00	35.10 -0.83 0.00	48.83 -0.79 0.00	53.01 -0.86 0.00	39.74 -0.65 0.00	29.51 -0.57 0.00	24.92 -0.53 0.00
ALCOA___DSASP 323711	34.83 -0.18 0.00	34.54 -0.45 0.00	31.63 -0.35 0.00	30.58 -0.43 0.00	30.36 -0.43 0.00	33.17 -0.51 0.00	36.28 -0.40 0.00	31.04 -0.44 0.00	27.17 -0.58 0.00	22.55 -0.51 0.00	20.76 -0.40 0.00	14.86 -0.29 0.00	13.80 -0.30 0.00	12.47 -0.28 0.00	11.62 -0.30 0.00	12.56 -0.34 0.00	15.00 -0.42 0.00	23.55 -0.65 0.00	35.10 -0.83 0.00	48.83 -0.79 0.00	53.01 -0.86 0.00	39.74 -0.65 0.00	29.51 -0.57 0.00	24.92 -0.53 0.00
ALLEGHENY___COGEN 23514	34.11 -0.87 0.02	34.89 -0.10 0.00	31.60 -0.38 0.00	30.64 -0.37 0.00	30.58 -0.21 0.00	33.36 -0.30 0.01	36.58 -0.11 0.00	31.10 -0.38 0.00	26.99 -0.75 0.02	22.12 -0.92 0.01	19.89 -1.25 0.02	14.47 -0.68 0.00	13.36 -0.73 0.00	12.10 -0.65 0.00	11.27 -0.63 0.02	12.17 -0.70 0.02	14.61 -0.79 0.02	23.15 -1.04 0.02	32.33 -1.04 2.55	38.05 -0.84 10.73	38.30 -0.86 14.70	35.06 -1.01 4.32	27.58 -0.81 1.69	21.78 -0.71 2.96
ALTAMONT_115KV_TB 2 55880	36.02 1.02 0.00	36.04 1.05 0.00	32.94 0.96 0.00	31.97 0.96 0.00	31.72 0.92 0.00	34.68 1.01 0.00	37.64 0.95 0.00	32.36 0.88 0.00	28.59 0.83 0.00	23.77 0.71 0.00	21.83 0.68 0.00	15.57 0.42 0.00	14.51 0.41 0.00	13.11 0.36 0.00	12.28 0.36 0.00	13.29 0.40 0.00	15.92 0.51 0.00	25.03 0.82 0.00	37.15 1.22 0.00	51.22 1.59 0.00	55.59 1.72 0.00	41.80 1.41 0.00	31.17 1.08 0.00	27.64 0.97 -1.21
ALTONA_WT_PWR 323606	34.87 -0.14 0.00	34.61 -0.38 0.00	31.72 -0.26 0.00	30.70 -0.31 0.00	30.52 -0.28 0.00	33.34 -0.34 0.00	36.47 -0.22 0.00	31.23 -0.25 0.00	27.43 -0.33 0.00	22.73 -0.32 0.00	20.86 -0.30 0.00	14.92 -0.23 0.00	13.83 -0.27 0.00	12.48 -0.27 0.00	11.62 -0.30 0.00	12.56 -0.34 0.00	15.00 -0.42 0.00	23.57 -0.63 0.00	35.17 -0.76 0.00	48.89 -0.74 0.00	53.06 -0.81 0.00	39.74 -0.65 0.00	29.48 -0.60 0.00	24.84 -0.61 0.00
AMERICAN_REF_FUEL 24010	30.36 -4.62 0.02	31.84 -3.15 0.00	28.72 -3.26 0.00	27.76 -3.26 0.00	27.65 -3.14 0.00	30.13 -3.54 0.01	32.91 -3.78 0.00	28.55 -2.93 0.00	25.19 -2.55 0.02	20.88 -2.17 0.01	18.60 -2.54 0.02	13.82 -1.33 0.00	12.90 -1.20 0.00	11.64 -1.11 0.00	10.73 -1.17 0.02	11.53 -1.34 0.02	13.68 -1.71 0.02	21.23 -2.95 0.02	25.82 -4.20 5.90	34.24 -6.25 9.13	34.46 -6.90 12.51	32.29 -4.77 3.33	25.40 -3.37 1.31	20.50 -2.65 2.31
ARKWRIGHT___SUMMIT_WT_PWR 323751	32.18 -2.80 0.02	33.21 -1.78 0.00	30.00 -1.98 0.00	28.97 -2.05 0.00	28.88 -1.91 0.00	31.37 -2.29 0.01	34.23 -2.46 0.00	29.59 -1.89 0.00	26.10 -1.64 0.02	21.43 -1.61 0.01	19.46 -1.67 0.02	13.98 -1.17 0.00	12.94 -1.16 0.00	11.64 -1.11 0.00	10.80 -1.10 0.02	11.63 -1.24 0.02	13.82 -1.57 0.02	21.69 -2.49 0.02	25.56 -3.45 6.92	34.14 -4.52 10.97	33.73 -5.12 15.02	32.57 -3.84 3.98	25.72 -2.80 1.57	20.38 -2.19 2.88
ARTHUR KILL_GT_1 23520	37.43 2.42 -0.01	37.34 2.34 -0.01	34.26 2.27 -0.01	33.25 2.23 -0.01	32.93 2.12 -0.01	35.93 2.26 0.00	38.78 2.09 0.00	33.59 2.11 0.00	30.14 2.39 0.00	25.17 2.12 0.00	23.17 2.01 -0.01	16.27 1.12 0.00	15.30 1.20 0.00	13.81 1.06 0.00	12.98 1.06 0.00	14.10 1.21 0.00	16.83 1.42 0.00	26.38 2.18 0.00	38.95 3.02 0.00	53.40 3.77 0.00	58.07 4.20 0.00	44.56 3.23 -0.93	32.97 2.53 -0.36	28.82 2.29 -1.07
ARTHUR_KILL_2 23512	37.36 2.35 -0.01	37.27 2.27 -0.01	34.16 2.18 -0.01	33.16 2.14 -0.01	32.83 2.03 -0.01	35.86 2.19 0.00	38.70 2.02 0.00	33.50 2.02 0.00	30.00 2.25 0.00	25.13 2.08 -0.01	23.13 1.97 -0.01	16.24 1.09 0.00	15.27 1.17 0.00	13.78 1.03 0.00	12.96 1.04 0.00	14.06 1.17 0.00	16.79 1.37 0.00	26.33 2.13 0.00	38.84 2.91 0.00	53.05 3.42 0.00	57.69 3.83 0.00	44.48 3.15 -0.93	32.76 2.32 -0.36	28.69 2.16 -1.07
ARTHUR_KILL_3 23513	37.04 2.03 0.00	36.95 1.96 0.00	33.80 1.82 0.00	32.81 1.80 0.00	32.49 1.69 0.00	35.56 1.88 0.00	38.52 1.83 0.00	33.43 1.95 0.00	29.92 2.17 0.00	25.09 2.03 -0.01	23.09 1.93 -0.01	16.22 1.08 0.00	15.23 1.13 0.00	13.76 1.01 0.00	12.92 1.00 0.00	14.01 1.12 0.00	16.73 1.31 0.00	26.21 2.01 0.00	38.69 2.77 0.00	52.90 3.27 0.00	57.58 3.71 0.00	44.19 2.87 -0.93	32.61 2.17 -0.36	28.40 1.88 -1.06

ARTHUR_KILL_COGEN 323718	37.43	37.34	34.26	33.26	32.92	35.93	38.78	33.56	30.06	25.18	23.18	16.27	15.29	13.81	12.98	14.09	16.83	26.38	38.95	53.20	57.85	44.60	32.82	28.77
	2.41	2.34	2.27	2.23	2.12	2.26	2.09	2.08	2.30	2.12	2.01	1.12	1.20	1.06	1.06	1.20	1.42	2.18	3.02	3.58	3.99	3.27	2.38	2.24
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.93	-0.36	-1.07
ASHOKAN____ 23654	37.25	37.23	33.99	33.03	32.67	35.76	38.63	33.05	28.98	24.02	22.09	15.68	14.69	13.24	12.47	13.55	16.19	25.51	38.23	52.95	57.64	44.21	32.40	28.44
	2.24	2.24	2.02	2.01	1.88	2.09	1.94	1.57	1.22	0.97	0.93	0.53	0.59	0.48	0.55	0.66	0.77	1.31	2.30	3.33	3.77	3.03	2.02	1.83
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.78	-0.31	-1.15
ASTORIA_EAST_ENERGY_CC1 323581	36.78	36.70	33.70	32.69	32.36	35.41	38.26	33.23	30.03	25.18	23.17	16.17	15.17	13.71	12.89	13.98	16.69	26.16	38.25	51.95	56.50	43.74	31.88	28.24
	1.78	1.71	1.73	1.67	1.57	1.75	1.58	1.76	2.28	2.12	2.01	1.03	1.09	0.97	0.98	1.10	1.28	1.96	2.33	2.33	2.64	2.42	1.44	1.73
	0.01	0.01	0.00	0.00	0.01	0.01	0.01	0.01	0.00	-0.01	-0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-0.93	-0.36	-1.06
ASTORIA_EAST_ENERGY_CC2 323582	36.78	36.70	33.70	32.69	32.36	35.41	38.26	33.23	30.03	25.18	23.17	16.17	15.19	13.71	12.89	13.98	16.69	26.16	38.29	51.95	56.50	43.74	31.88	28.24
	1.78	1.71	1.73	1.67	1.57	1.75	1.58	1.76	2.28	2.12	2.01	1.03	1.10	0.97	0.98	1.10	1.28	1.96	2.37	2.33	2.64	2.42	1.44	1.73
	0.01	0.01	0.00	0.00	0.01	0.01	0.01	0.01	0.00	-0.01	-0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-0.93	-0.36	-1.06
ASTORIA_GT2_1 24094	36.83	36.71	33.74	32.72	32.39	35.42	38.27	33.27	30.12	25.17	23.13	16.18	15.20	13.72	12.90	13.99	16.69	26.16	38.30	52.46	57.10	43.79	32.40	28.33
	1.82	1.71	1.76	1.71	1.60	1.75	1.58	1.79	2.36	2.12	1.97	1.03	1.10	0.97	0.98	1.10	1.28	1.96	2.37	2.83	3.23	2.46	1.96	1.81
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.93	-0.36	-1.06
ASTORIA_GT2_2 24095	36.83	36.71	33.74	32.72	32.39	35.42	38.27	33.27	30.12	25.17	23.13	16.18	15.20	13.72	12.90	13.99	16.69	26.16	38.30	52.46	57.10	43.79	32.40	28.33
	1.82	1.71	1.76	1.71	1.60	1.75	1.58	1.79	2.36	2.12	1.97	1.03	1.10	0.97	0.98	1.10	1.28	1.96	2.37	2.83	3.23	2.46	1.96	1.81
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.93	-0.36	-1.06
ASTORIA_GT2_3 24096	36.83	36.71	33.74	32.72	32.39	35.42	38.27	33.27	30.12	25.17	23.13	16.18	15.20	13.72	12.90	13.99	16.69	26.16	38.30	52.46	57.10	43.79	32.40	28.33
	1.82	1.71	1.76	1.71	1.60	1.75	1.58	1.79	2.36	2.12	1.97	1.03	1.10	0.97	0.98	1.10	1.28	1.96	2.37	2.83	3.23	2.46	1.96	1.81
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.93	-0.36	-1.06
ASTORIA_GT2_4 24097	36.83	36.71	33.74	32.72	32.39	35.42	38.27	33.27	30.12	25.17	23.13	16.18	15.20	13.72	12.90	13.99	16.69	26.16	38.30	52.46	57.10	43.79	32.40	28.33
	1.82	1.71	1.76	1.71	1.60	1.75	1.58	1.79	2.36	2.12	1.97	1.03	1.10	0.97	0.98	1.10	1.28	1.96	2.37	2.83	3.23	2.46	1.96	1.81
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.93	-0.36	-1.06
ASTORIA_GT3_1 24098	36.83	36.71	33.74	32.72	32.39	35.42	38.27	33.27	30.12	25.17	23.13	16.18	15.20	13.72	12.90	13.99	16.69	26.16	38.30	52.46	57.10	43.79	32.40	28.33
	1.82	1.71	1.76	1.71	1.60	1.75	1.58	1.79	2.36	2.12	1.97	1.03	1.10	0.97	0.98	1.10	1.28	1.96	2.37	2.83	3.23	2.46	1.96	1.81
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.93	-0.36	-1.06
ASTORIA_GT3_2 24099	36.83	36.71	33.74	32.72	32.39	35.42	38.27	33.27	30.12	25.17	23.13	16.18	15.20	13.72	12.90	13.99	16.69	26.16	38.30	52.46	57.10	43.79	32.40	28.33
	1.82	1.71	1.76	1.71	1.60	1.75	1.58	1.79	2.36	2.12	1.97	1.03	1.10	0.97	0.98	1.10	1.28	1.96	2.37	2.83	3.23	2.46	1.96	1.81
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.93	-0.36	-1.06
ASTORIA_GT3_3 24100	36.83	36.71	33.74	32.72	32.39	35.42	38.27	33.27	30.12	25.17	23.13	16.18	15.20	13.72	12.90	13.99	16.69	26.16	38.30	52.46	57.10	43.79	32.40	28.33
	1.82	1.71	1.76	1.71	1.60	1.75	1.58	1.79	2.36	2.12	1.97	1.03	1.10	0.97	0.98	1.10	1.28	1.96	2.37	2.83	3.23	2.46	1.96	1.81
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.93	-0.36	-1.06
ASTORIA_GT3_4 24101	36.83	36.71	33.74	32.72	32.39	35.42	38.27	33.27	30.12	25.17	23.13	16.18	15.20	13.72	12.90	13.99	16.69	26.16	38.30	52.46	57.10	43.79	32.40	28.33
	1.82	1.71	1.76	1.71	1.60	1.75	1.58	1.79	2.36	2.12	1.97	1.03	1.10	0.97	0.98	1.10	1.28	1.96	2.37	2.83	3.23	2.46	1.96	1.81
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.93	-0.36	-1.06
ASTORIA_GT4_1 24102	36.83	36.71	33.74	32.72	32.39	35.42	38.27	33.27	30.12	25.17	23.13	16.18	15.20	13.72	12.90	13.99	16.69	26.16	38.30	52.46	57.10	43.79	32.40	28.33
	1.82	1.71	1.76	1.71	1.60	1.75	1.58	1.79	2.36	2.12	1.97	1.03	1.10	0.97	0.98	1.10	1.28	1.96	2.37	2.83	3.23	2.46	1.96	1.81
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.93	-0.36	-1.06
ASTORIA_GT4_2 24103	36.83	36.71	33.74	32.72	32.39	35.42	38.27	33.27	30.12	25.17	23.13	16.18	15.20	13.72	12.90	13.99	16.69	26.16	38.30	52.46	57.10	43.79	32.40	28.33
	1.82	1.71	1.76	1.71	1.60	1.75	1.58	1.79	2.36	2.12	1.97	1.03	1.10	0.97	0.98	1.10	1.28	1.96	2.37	2.83	3.23	2.46	1.96	1.81
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.93	-0.36	-1.06
ASTORIA_GT4_3 24104	36.83	36.71	33.74	32.72	32.39	35.42	38.27	33.27	30.12	25.17	23.13	16.18	15.20	13.72	12.90	13.99	16.69	26.16	38.30	52.46	57.10	43.79	32.40	28.33
	1.82	1.71	1.76	1.71	1.60	1.75	1.58	1.79	2.36	2.12	1.97	1.03	1.10	0.97	0.98	1.10	1.28	1.96	2.37	2.83	3.23	2.46	1.96	1.81
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.93	-0.36	-1.06

ASTORIA_GT4_4 24105	36.83 1.82 0.00	36.71 1.71 0.00	33.74 1.76 0.00	32.72 1.71 0.00	32.39 1.60 0.00	35.42 1.75 0.00	38.27 1.58 0.00	33.27 1.79 0.00	30.12 2.36 0.00	25.17 2.12 0.00	23.13 1.97 -0.01	16.18 1.03 0.00	15.20 1.10 0.00	13.72 0.97 0.00	12.90 0.98 0.00	13.99 1.10 0.00	16.69 1.28 0.00	26.16 1.96 0.00	38.30 2.37 0.00	52.46 2.83 0.00	57.10 3.23 0.00	43.79 2.46 -0.93	32.40 1.96 -0.36	28.33 1.81 -1.06
ASTORIA_GT_1 23523	36.86 1.86 0.00	36.78 1.78 0.00	33.77 1.79 0.00	32.75 1.74 0.00	32.43 1.63 0.00	35.46 1.78 0.00	38.30 1.61 0.00	33.31 1.83 0.00	30.17 2.41 0.00	25.22 2.17 0.00	23.15 1.99 -0.01	16.21 1.06 0.00	15.21 1.11 0.00	13.75 0.99 0.00	12.92 1.00 0.00	14.01 1.12 0.00	16.71 1.29 0.00	26.21 2.01 0.00	38.37 2.44 0.00	52.56 2.93 0.00	57.15 3.29 0.00	43.83 2.50 -0.93	32.43 1.99 -0.36	28.35 1.83 -1.06
ASTORIA_GT_10 24110	37.00 2.00 0.00	36.91 1.92 0.00	33.83 1.85 0.00	32.84 1.83 0.00	32.52 1.72 0.00	35.56 1.89 0.00	38.45 1.76 0.00	33.37 1.89 0.00	30.06 2.30 0.00	25.13 2.07 0.00	23.13 1.97 -0.01	16.24 1.09 0.00	15.25 1.16 0.00	13.77 1.02 0.00	12.95 1.03 0.00	14.04 1.15 0.00	16.76 1.34 0.00	26.26 2.06 0.00	38.59 2.66 0.00	52.85 3.23 0.00	57.53 3.66 0.00	44.11 2.79 -0.93	32.61 2.17 -0.36	28.53 2.01 -1.06
ASTORIA_GT_11 24225	37.00 2.00 0.00	36.91 1.92 0.00	33.83 1.85 0.00	32.84 1.83 0.00	32.52 1.72 0.00	35.56 1.89 0.00	38.45 1.76 0.00	33.37 1.89 0.00	30.06 2.30 0.00	25.13 2.07 0.00	23.13 1.97 -0.01	16.24 1.09 0.00	15.25 1.16 0.00	13.77 1.02 0.00	12.95 1.03 0.00	14.04 1.15 0.00	16.76 1.34 0.00	26.26 2.06 0.00	38.59 2.66 0.00	52.85 3.23 0.00	57.53 3.66 0.00	44.11 2.79 -0.93	32.61 2.17 -0.36	28.53 2.01 -1.06
ASTORIA_GT_12 24226	37.00 2.00 0.00	36.91 1.92 0.00	33.83 1.85 0.00	32.84 1.83 0.00	32.52 1.72 0.00	35.56 1.89 0.00	38.45 1.76 0.00	33.37 1.89 0.00	30.06 2.30 0.00	25.13 2.07 0.00	23.13 1.97 -0.01	16.24 1.09 0.00	15.25 1.16 0.00	13.77 1.02 0.00	12.95 1.03 0.00	14.04 1.15 0.00	16.76 1.34 0.00	26.26 2.06 0.00	38.59 2.66 0.00	52.85 3.23 0.00	57.53 3.66 0.00	44.11 2.79 -0.93	32.61 2.17 -0.36	28.53 2.01 -1.06
ASTORIA_GT_13 24227	37.00 2.00 0.00	36.91 1.92 0.00	33.83 1.85 0.00	32.84 1.83 0.00	32.52 1.72 0.00	35.56 1.89 0.00	38.45 1.76 0.00	33.37 1.89 0.00	30.06 2.30 0.00	25.13 2.07 0.00	23.13 1.97 -0.01	16.24 1.09 0.00	15.25 1.16 0.00	13.77 1.02 0.00	12.95 1.03 0.00	14.04 1.15 0.00	16.76 1.34 0.00	26.26 2.06 0.00	38.59 2.66 0.00	52.85 3.23 0.00	57.53 3.66 0.00	44.11 2.79 -0.93	32.61 2.17 -0.36	28.53 2.01 -1.06
ASTORIA_GT_5 24106	36.86 1.86 0.00	36.78 1.78 0.00	33.77 1.79 0.00	32.75 1.74 0.00	32.43 1.63 0.00	35.46 1.78 0.00	38.30 1.61 0.00	33.31 1.83 0.00	30.17 2.41 0.00	25.22 2.17 0.00	23.15 1.99 -0.01	16.21 1.06 0.00	15.21 1.11 0.00	13.75 0.99 0.00	12.92 1.00 0.00	14.01 1.12 0.00	16.71 1.29 0.00	26.21 2.01 0.00	38.37 2.44 0.00	52.56 2.93 0.00	57.15 3.29 0.00	43.83 2.50 -0.93	32.43 1.99 -0.36	28.35 1.83 -1.06
ASTORIA_GT_7 24107	36.86 1.86 0.00	36.78 1.78 0.00	33.77 1.79 0.00	32.75 1.74 0.00	32.43 1.63 0.00	35.46 1.78 0.00	38.30 1.61 0.00	33.31 1.83 0.00	30.17 2.41 0.00	25.22 2.17 0.00	23.15 1.99 -0.01	16.21 1.06 0.00	15.21 1.11 0.00	13.75 0.99 0.00	12.92 1.00 0.00	14.01 1.12 0.00	16.71 1.29 0.00	26.21 2.01 0.00	38.37 2.44 0.00	52.56 2.93 0.00	57.15 3.29 0.00	43.83 2.50 -0.93	32.43 1.99 -0.36	28.35 1.83 -1.06
ASTORIA_GT_8 24108	36.86 1.86 0.00	36.78 1.78 0.00	33.77 1.79 0.00	32.75 1.74 0.00	32.43 1.63 0.00	35.46 1.78 0.00	38.30 1.61 0.00	33.31 1.83 0.00	30.17 2.41 0.00	25.22 2.17 0.00	23.15 1.99 -0.01	16.21 1.06 0.00	15.21 1.11 0.00	13.75 0.99 0.00	12.92 1.00 0.00	14.01 1.12 0.00	16.71 1.29 0.00	26.21 2.01 0.00	38.37 2.44 0.00	52.56 2.93 0.00	57.15 3.29 0.00	43.83 2.50 -0.93	32.43 1.99 -0.36	28.35 1.83 -1.06
ASTORIA___2 24149	36.82 1.82 0.01	36.70 1.71 0.01	33.74 1.76 0.00	32.72 1.70 0.00	32.39 1.60 0.01	35.41 1.75 0.01	38.26 1.58 0.01	33.23 1.76 0.01	30.03 2.28 0.00	25.18 2.12 -0.01	23.17 2.01 -0.01	16.17 1.03 0.01	15.19 1.10 0.01	13.71 0.97 0.01	12.89 0.98 0.01	13.98 1.10 0.01	16.69 1.28 0.01	26.16 1.96 0.01	38.29 2.37 0.01	52.00 2.38 0.01	56.55 2.69 0.01	43.78 2.46 -0.93	31.88 1.44 -0.36	28.24 1.73 -1.06
ASTORIA___3 23516	37.00 1.99 0.00	36.91 1.92 0.00	33.83 1.85 0.00	32.84 1.83 0.00	32.52 1.72 0.00	35.56 1.88 0.00	38.45 1.76 0.00	33.37 1.89 0.00	29.98 2.22 0.00	25.13 2.08 -0.01	23.15 1.99 -0.01	16.24 1.09 0.00	15.25 1.16 0.00	13.77 1.02 0.00	12.95 1.03 0.00	14.04 1.15 0.00	16.76 1.34 0.00	26.26 2.06 0.00	38.62 2.70 0.00	52.66 3.03 0.00	57.26 3.40 0.00	44.11 2.78 -0.93	32.46 2.02 -0.36	28.45 1.93 -1.06
ASTORIA___4 23517	37.00 2.00 0.00	36.91 1.92 0.00	33.83 1.85 0.00	32.84 1.83 0.00	32.52 1.72 0.00	35.56 1.89 0.00	38.45 1.76 0.00	33.37 1.89 0.00	30.06 2.30 0.00	25.13 2.07 0.00	23.13 1.97 -0.01	16.24 1.09 0.00	15.25 1.16 0.00	13.77 1.02 0.00	12.95 1.03 0.00	14.04 1.15 0.00	16.76 1.34 0.00	26.26 2.06 0.00	38.59 2.66 0.00	52.85 3.23 0.00	57.53 3.66 0.00	44.11 2.79 -0.93	32.61 2.17 -0.36	28.53 2.01 -1.06
ASTORIA___5 23518	37.00 1.99 0.00	36.91 1.92 0.00	33.83 1.85 0.00	32.84 1.83 0.00	32.52 1.72 0.00	35.56 1.88 0.00	38.45 1.76 0.00	33.37 1.89 0.00	29.98 2.22 0.00	25.13 2.08 -0.01	23.15 1.99 -0.01	16.24 1.09 0.00	15.25 1.16 0.00	13.77 1.02 0.00	12.95 1.03 0.00	14.04 1.15 0.00	16.76 1.34 0.00	26.26 2.06 0.00	38.62 2.70 0.00	52.66 3.03 0.00	57.26 3.40 0.00	44.11 2.78 -0.93	32.46 2.02 -0.36	28.45 1.93 -1.06
AST_ENERGY_2_CC3 323677	37.07 2.06 0.00	36.98 1.99 0.00	33.86 1.89 0.00	32.87 1.86 0.00	32.55 1.75 0.00	35.62 1.95 0.00	38.59 1.91 0.00	33.43 1.95 0.00	29.95 2.19 0.00	25.09 2.03 -0.01	23.11 1.95 -0.01	16.19 1.06 0.02	15.19 1.11 0.02	13.73 1.00 0.02	12.89 0.99 0.02	13.98 1.11 0.02	16.69 1.30 0.02	26.17 1.99 0.02	26.49 2.73 12.17	-5.00 3.27 57.90	-5.00 3.66 62.53	-5.00 2.87 48.26	26.49 2.17 5.76	26.49 1.88 0.85
AST_ENERGY_2_CC4 323678	37.07 2.06 0.00	36.98 1.99 0.00	33.86 1.89 0.00	32.87 1.86 0.00	32.55 1.75 0.00	35.62 1.95 0.00	38.59 1.91 0.00	33.43 1.95 0.00	29.95 2.19 0.00	25.09 2.03 -0.01	23.11 1.95 -0.01	16.19 1.06 0.02	15.19 1.11 0.02	13.73 1.00 0.02	12.89 0.99 0.02	13.98 1.11 0.02	16.69 1.30 0.02	26.17 1.99 0.02	26.49 2.73 12.17	-5.00 3.27 57.90	-5.00 3.66 62.53	-5.00 2.87 48.26	26.49 2.17 5.76	26.49 1.88 0.85

ATHENS_STG_1 23668	36.34 1.33 0.00	36.32 1.33 0.00	33.19 1.21 0.00	32.22 1.21 0.00	31.96 1.17 0.00	34.95 1.28 0.00	37.94 1.25 0.00	32.68 1.20 0.00	28.95 1.19 0.00	24.14 1.08 0.00	22.24 1.08 0.00	15.78 0.64 0.00	14.72 0.62 0.00	13.31 0.56 0.00	12.48 0.56 0.00	13.52 0.63 0.00	16.17 0.76 0.00	25.39 1.19 0.00	37.65 1.72 0.00	51.76 2.13 0.00	56.29 2.43 0.00	43.11 1.90 -0.82	31.82 1.41 -0.32	27.80 1.22 -1.12
ATHENS_STG_2 23670	36.34 1.33 0.00	36.32 1.33 0.00	33.19 1.21 0.00	32.22 1.21 0.00	31.96 1.17 0.00	34.95 1.28 0.00	37.94 1.25 0.00	32.68 1.20 0.00	28.95 1.19 0.00	24.14 1.08 0.00	22.24 1.08 0.00	15.78 0.64 0.00	14.72 0.62 0.00	13.31 0.56 0.00	12.48 0.56 0.00	13.52 0.63 0.00	16.17 0.76 0.00	25.39 1.19 0.00	37.65 1.72 0.00	51.76 2.13 0.00	56.29 2.43 0.00	43.11 1.90 -0.82	31.82 1.41 -0.32	27.80 1.22 -1.12
ATHENS_STG_3 23677	36.34 1.33 0.00	36.32 1.33 0.00	33.19 1.21 0.00	32.22 1.21 0.00	31.96 1.17 0.00	34.95 1.28 0.00	37.94 1.25 0.00	32.68 1.20 0.00	28.95 1.19 0.00	24.14 1.08 0.00	22.24 1.08 0.00	15.78 0.64 0.00	14.72 0.62 0.00	13.31 0.56 0.00	12.48 0.56 0.00	13.52 0.63 0.00	16.17 0.76 0.00	25.39 1.19 0.00	37.65 1.72 0.00	51.76 2.13 0.00	56.29 2.43 0.00	43.11 1.90 -0.82	31.82 1.41 -0.32	27.80 1.22 -1.12
AUBURN___LFGE 323710	34.75 -0.25 0.01	34.99 0.00 0.00	31.91 -0.06 0.00	30.92 -0.09 0.00	30.76 -0.03 0.00	33.67 0.00 0.00	36.76 0.07 0.00	31.42 -0.06 0.00	27.64 -0.11 0.00	22.93 -0.12 0.00	20.98 -0.17 0.01	15.10 -0.05 0.00	14.04 -0.06 0.00	12.74 -0.01 0.00	11.89 -0.02 0.01	12.86 -0.03 0.01	15.38 -0.03 0.01	24.22 0.02 0.00	34.47 0.07 1.53	47.02 0.20 2.81	50.19 0.16 3.84	38.62 0.00 1.77	29.33 -0.06 0.69	24.69 -0.08 0.69
BABYLON_RES_REC 323704	50.03 2.70 -12.33	46.91 2.66 -9.26	46.87 2.46 -12.43	33.56 2.54 0.00	33.20 2.40 0.00	36.26 2.59 0.00	39.36 2.68 0.00	33.87 2.39 0.00	29.92 2.17 0.00	24.99 1.94 -0.01	23.09 1.93 -0.01	16.35 1.20 0.00	15.37 1.27 0.00	13.91 1.16 0.00	13.15 1.22 -0.01	14.18 1.29 0.00	16.93 1.51 0.00	26.68 2.47 -0.01	45.59 3.52 -6.14	53.85 4.22 -0.01	58.51 4.63 -0.01	51.76 3.76 -7.61	33.32 2.86 -0.37	29.00 2.47 -1.07
BALL_HILL_WT_PWR 323825	31.90 -3.08 0.02	32.89 -2.10 0.00	29.68 -2.30 0.00	28.69 -2.33 0.00	28.58 -2.22 0.00	31.10 -2.56 0.01	33.97 -2.71 0.00	29.43 -2.05 0.00	25.91 -1.83 0.02	21.38 -1.66 0.01	19.46 -1.67 0.02	14.07 -1.08 0.00	13.04 -1.06 0.00	11.76 -0.99 0.00	10.93 -0.97 0.02	11.79 -1.08 0.02	14.04 -1.36 0.02	22.01 -2.18 0.02	25.88 -3.13 6.93	34.85 -4.27 10.51	34.63 -4.85 14.39	33.07 -3.51 3.81	26.05 -2.53 1.50	20.77 -1.94 2.75
BARON_WINDS___WT_PWR 323822	32.84 -2.14 0.03	33.49 -1.50 0.00	30.28 -1.70 0.00	29.28 -1.74 0.00	29.19 -1.60 0.00	31.81 -1.85 0.01	34.74 -1.95 0.00	29.81 -1.67 0.00	25.98 -1.75 0.03	21.40 -1.64 0.01	19.62 -1.50 0.03	14.12 -1.03 0.00	13.05 -1.04 0.00	11.79 -0.96 0.00	10.98 -0.91 0.03	11.87 -0.99 0.03	14.21 -1.17 0.03	22.53 -1.65 0.03	19.38 -2.19 14.36	31.02 -2.78 15.83	29.06 -3.13 21.68	32.13 -2.34 5.92	25.90 -1.87 2.31	19.55 -1.53 4.38
BARRETT_IC_1 23704	49.86 2.52 -12.33	46.74 2.48 -9.26	46.74 2.33 -12.43	33.37 2.36 0.00	33.01 2.22 0.00	36.06 2.39 0.00	39.15 2.46 0.00	33.72 2.24 0.00	29.87 2.11 0.00	24.95 1.89 -0.01	23.03 1.86 -0.01	16.30 1.15 0.00	15.32 1.23 0.00	13.86 1.11 0.00	13.09 1.16 -0.01	14.12 1.23 0.00	16.83 1.42 0.00	26.49 2.27 -0.01	44.77 3.02 -5.83	53.31 3.67 -0.01	57.92 4.04 -0.01	50.77 3.11 -7.27	32.99 2.53 -0.38	28.79 2.26 -1.07
BARRETT_IC_10 23701	49.86 2.52 -12.33	46.74 2.48 -9.26	46.74 2.33 -12.43	33.37 2.36 0.00	33.01 2.22 0.00	36.06 2.39 0.00	39.15 2.46 0.00	33.72 2.24 0.00	29.87 2.11 0.00	24.95 1.89 -0.01	23.03 1.86 -0.01	16.30 1.15 0.00	15.32 1.23 0.00	13.86 1.11 0.00	13.09 1.16 -0.01	14.12 1.23 0.00	16.83 1.42 0.00	26.49 2.27 -0.01	44.77 3.02 -5.83	53.31 3.67 -0.01	57.92 4.04 -0.01	50.77 3.11 -7.27	32.99 2.53 -0.38	28.79 2.26 -1.07
BARRETT_IC_11 23702	49.86 2.52 -12.33	46.74 2.48 -9.26	46.74 2.33 -12.43	33.37 2.36 0.00	33.01 2.22 0.00	36.06 2.39 0.00	39.15 2.46 0.00	33.72 2.24 0.00	29.87 2.11 0.00	24.95 1.89 -0.01	23.03 1.86 -0.01	16.30 1.15 0.00	15.32 1.23 0.00	13.86 1.11 0.00	13.09 1.16 -0.01	14.12 1.23 0.00	16.83 1.42 0.00	26.49 2.27 -0.01	44.77 3.02 -5.83	53.31 3.67 -0.01	57.92 4.04 -0.01	50.77 3.11 -7.27	32.99 2.53 -0.38	28.79 2.26 -1.07
BARRETT_IC_12 23703	49.86 2.52 -12.33	46.74 2.48 -9.26	46.74 2.33 -12.43	33.37 2.36 0.00	33.01 2.22 0.00	36.06 2.39 0.00	39.15 2.46 0.00	33.72 2.24 0.00	29.87 2.11 0.00	24.95 1.89 -0.01	23.03 1.86 -0.01	16.30 1.15 0.00	15.32 1.23 0.00	13.86 1.11 0.00	13.09 1.16 -0.01	14.12 1.23 0.00	16.83 1.42 0.00	26.49 2.27 -0.01	44.77 3.02 -5.83	53.31 3.67 -0.01	57.92 4.04 -0.01	50.77 3.11 -7.27	32.99 2.53 -0.38	28.79 2.26 -1.07
BARRETT_IC_2 23705	49.86 2.52 -12.33	46.74 2.48 -9.26	46.74 2.33 -12.43	33.37 2.36 0.00	33.01 2.22 0.00	36.06 2.39 0.00	39.15 2.46 0.00	33.72 2.24 0.00	29.87 2.11 0.00	24.95 1.89 -0.01	23.03 1.86 -0.01	16.30 1.15 0.00	15.32 1.23 0.00	13.86 1.11 0.00	13.09 1.16 -0.01	14.12 1.23 0.00	16.83 1.42 0.00	26.49 2.27 -0.01	44.77 3.02 -5.83	53.31 3.67 -0.01	57.92 4.04 -0.01	50.77 3.11 -7.27	32.99 2.53 -0.38	28.79 2.26 -1.07
BARRETT_IC_3 23706	49.86 2.52 -12.33	46.74 2.48 -9.26	46.74 2.33 -12.43	33.37 2.36 0.00	33.01 2.22 0.00	36.06 2.39 0.00	39.15 2.46 0.00	33.72 2.24 0.00	29.87 2.11 0.00	24.95 1.89 -0.01	23.03 1.86 -0.01	16.30 1.15 0.00	15.32 1.23 0.00	13.86 1.11 0.00	13.09 1.16 -0.01	14.12 1.23 0.00	16.83 1.42 0.00	26.49 2.27 -0.01	44.77 3.02 -5.83	53.31 3.67 -0.01	57.92 4.04 -0.01	50.77 3.11 -7.27	32.99 2.53 -0.38	28.79 2.26 -1.07
BARRETT_IC_4 23707	49.86 2.52 -12.33	46.74 2.48 -9.26	46.74 2.33 -12.43	33.37 2.36 0.00	33.01 2.22 0.00	36.06 2.39 0.00	39.15 2.46 0.00	33.72 2.24 0.00	29.87 2.11 0.00	24.95 1.89 -0.01	23.03 1.86 -0.01	16.30 1.15 0.00	15.32 1.23 0.00	13.86 1.11 0.00	13.09 1.16 -0.01	14.12 1.23 0.00	16.83 1.42 0.00	26.49 2.27 -0.01	44.77 3.02 -5.83	53.31 3.67 -0.01	57.92 4.04 -0.01	50.77 3.11 -7.27	32.99 2.53 -0.38	28.79 2.26 -1.07
BARRETT_IC_5 23708	49.86 2.52 -12.33	46.74 2.48 -9.26	46.74 2.33 -12.43	33.37 2.36 0.00	33.01 2.22 0.00	36.06 2.39 0.00	39.15 2.46 0.00	33.72 2.24 0.00	29.87 2.11 0.00	24.95 1.89 -0.01	23.03 1.86 -0.01	16.30 1.15 0.00	15.32 1.23 0.00	13.86 1.11 0.00	13.09 1.16 -0.01	14.12 1.23 0.00	16.83 1.42 0.00	26.49 2.27 -0.01	44.77 3.02 -5.83	53.31 3.67 -0.01	57.92 4.04 -0.01	50.77 3.11 -7.27	32.99 2.53 -0.38	28.79 2.26 -1.07

BARRETT_IC_6 23709	49.86 2.52 -12.33	46.74 2.48 -9.26	46.74 2.33 -12.43	33.37 2.36 0.00	33.01 2.22 0.00	36.06 2.39 0.00	39.15 2.46 0.00	33.72 2.24 0.00	29.87 2.11 0.00	24.95 1.89 -0.01	23.03 1.86 -0.01	16.30 1.15 0.00	15.32 1.23 0.00	13.86 1.11 0.00	13.09 1.16 -0.01	14.12 1.23 0.00	16.83 1.42 0.00	26.49 2.27 -0.01	44.77 3.02 -5.83	53.31 3.67 -0.01	57.92 4.04 -0.01	50.77 3.11 -7.27	32.99 2.53 -0.38	28.79 2.26 -1.07
BARRETT_IC_7 23710	49.86 2.52 -12.33	46.74 2.48 -9.26	46.74 2.33 -12.43	33.37 2.36 0.00	33.01 2.22 0.00	36.06 2.39 0.00	39.15 2.46 0.00	33.71 2.24 0.00	29.92 2.17 0.00	24.94 1.89 0.00	23.00 1.84 -0.01	16.30 1.15 0.00	15.32 1.23 0.00	13.86 1.11 0.00	13.09 1.16 -0.01	14.17 1.28 0.00	16.83 1.42 0.00	26.49 2.28 -0.01	44.77 3.02 -5.83	53.26 3.62 -0.01	57.92 4.04 -0.01	50.77 3.11 -7.27	32.98 2.53 -0.37	28.79 2.27 -1.07
BARRETT_IC_8 23711	49.86 2.52 -12.33	46.74 2.48 -9.26	46.74 2.33 -12.43	33.37 2.36 0.00	33.01 2.22 0.00	36.06 2.39 0.00	39.15 2.46 0.00	33.72 2.24 0.00	29.87 2.11 0.00	24.95 1.89 -0.01	23.03 1.86 -0.01	16.30 1.15 0.00	15.32 1.23 0.00	13.86 1.11 0.00	13.09 1.16 -0.01	14.12 1.23 0.00	16.83 1.42 0.00	26.49 2.27 -0.01	44.77 3.02 -5.83	53.31 3.67 -0.01	57.92 4.04 -0.01	50.77 3.11 -7.27	32.99 2.53 -0.38	28.79 2.26 -1.07
BARRETT_IC_9 23700	49.86 2.52 -12.33	46.74 2.48 -9.26	46.74 2.33 -12.43	33.37 2.36 0.00	33.01 2.22 0.00	36.06 2.39 0.00	39.15 2.46 0.00	33.72 2.24 0.00	29.87 2.11 0.00	24.95 1.89 -0.01	23.03 1.86 -0.01	16.30 1.15 0.00	15.32 1.23 0.00	13.86 1.11 0.00	13.09 1.16 -0.01	14.12 1.23 0.00	16.83 1.42 0.00	26.49 2.27 -0.01	44.77 3.02 -5.83	53.31 3.67 -0.01	57.92 4.04 -0.01	50.77 3.11 -7.27	32.99 2.53 -0.38	28.79 2.26 -1.07
BARRETT___1 23545	49.86 2.52 -12.33	46.74 2.48 -9.26	46.74 2.33 -12.43	33.37 2.36 0.00	33.01 2.22 0.00	36.06 2.39 0.00	39.15 2.46 0.00	33.72 2.24 0.00	29.87 2.11 0.00	24.95 1.89 -0.01	23.03 1.86 -0.01	16.30 1.15 0.00	15.32 1.23 0.00	13.86 1.11 0.00	13.09 1.16 -0.01	14.12 1.23 0.00	16.83 1.42 0.00	26.49 2.27 -0.01	44.77 3.02 -5.83	53.31 3.67 -0.01	57.92 4.04 -0.01	50.77 3.11 -7.27	32.99 2.53 -0.38	28.79 2.26 -1.07
BARRETT___2 23546	49.86 2.52 -12.33	46.74 2.48 -9.26	46.74 2.33 -12.43	33.37 2.36 0.00	33.01 2.22 0.00	36.06 2.39 0.00	39.15 2.46 0.00	33.72 2.24 0.00	29.87 2.11 0.00	24.95 1.89 -0.01	23.03 1.86 -0.01	16.30 1.15 0.00	15.32 1.23 0.00	13.86 1.11 0.00	13.09 1.16 -0.01	14.12 1.23 0.00	16.83 1.42 0.00	26.49 2.27 -0.01	44.77 3.02 -5.83	53.31 3.67 -0.01	57.92 4.04 -0.01	50.77 3.11 -7.27	32.99 2.53 -0.38	28.79 2.26 -1.07
BATAVIA__115KV_TB1 55881	31.94 -3.05 0.02	33.17 -1.82 0.00	30.00 -1.98 0.00	29.06 -1.95 0.00	28.95 -1.85 0.00	31.54 -2.12 0.01	34.56 -2.13 0.00	29.65 -1.83 0.00	26.08 -1.67 0.01	21.59 -1.45 0.01	19.51 -1.63 0.02	14.29 -0.86 0.00	13.31 -0.79 0.00	12.00 -0.75 0.00	11.12 -0.79 0.02	11.96 -0.92 0.02	14.23 -1.17 0.02	22.18 -2.01 0.01	28.31 -2.73 4.89	37.93 -3.92 7.78	38.91 -4.31 10.65	34.18 -3.19 3.02	26.68 -2.23 1.18	21.63 -1.81 2.02
BAYONEEC___CTG1 323682	37.14 2.14 0.00	37.02 2.03 0.00	33.90 1.92 0.00	32.91 1.89 0.00	32.58 1.79 0.00	35.66 1.99 0.00	38.63 1.94 0.00	33.50 2.02 0.00	29.98 2.22 0.00	25.11 2.05 -0.01	23.13 1.97 -0.01	16.25 1.11 0.00	15.24 1.14 0.00	13.77 1.02 0.00	12.95 1.03 0.00	14.03 1.13 0.00	16.74 1.33 0.00	26.24 2.03 0.00	38.73 2.80 0.00	53.00 3.38 0.00	57.64 3.77 0.00	44.27 2.95 -0.93	32.67 2.23 -0.36	28.45 1.93 -1.06
BAYONEEC___CTG10 323750	37.14 2.14 0.00	37.02 2.03 0.00	33.90 1.92 0.00	32.91 1.89 0.00	32.58 1.79 0.00	35.66 1.99 0.00	38.63 1.94 0.00	33.50 2.02 0.00	29.98 2.22 0.00	25.11 2.05 -0.01	23.13 1.97 -0.01	16.25 1.11 0.00	15.24 1.14 0.00	13.77 1.02 0.00	12.95 1.03 0.00	14.03 1.13 0.00	16.74 1.33 0.00	26.24 2.03 0.00	38.73 2.80 0.00	53.00 3.38 0.00	57.64 3.77 0.00	44.27 2.95 -0.93	32.67 2.23 -0.36	28.45 1.93 -1.06
BAYONEEC___CTG2 323683	37.14 2.14 0.00	37.02 2.03 0.00	33.90 1.92 0.00	32.91 1.89 0.00	32.58 1.79 0.00	35.66 1.99 0.00	38.63 1.94 0.00	33.50 2.02 0.00	29.98 2.22 0.00	25.11 2.05 -0.01	23.13 1.97 -0.01	16.25 1.11 0.00	15.24 1.14 0.00	13.77 1.02 0.00	12.95 1.03 0.00	14.03 1.13 0.00	16.74 1.33 0.00	26.24 2.03 0.00	38.73 2.80 0.00	53.00 3.38 0.00	57.64 3.77 0.00	44.27 2.95 -0.93	32.67 2.23 -0.36	28.45 1.93 -1.06
BAYONEEC___CTG3 323684	37.14 2.14 0.00	37.02 2.03 0.00	33.90 1.92 0.00	32.91 1.89 0.00	32.58 1.79 0.00	35.66 1.99 0.00	38.63 1.94 0.00	33.50 2.02 0.00	29.98 2.22 0.00	25.11 2.05 -0.01	23.13 1.97 -0.01	16.25 1.11 0.00	15.24 1.14 0.00	13.77 1.02 0.00	12.95 1.03 0.00	14.03 1.13 0.00	16.74 1.33 0.00	26.24 2.03 0.00	38.73 2.80 0.00	53.00 3.38 0.00	57.64 3.77 0.00	44.27 2.95 -0.93	32.67 2.23 -0.36	28.45 1.93 -1.06
BAYONEEC___CTG4 323685	37.14 2.14 0.00	37.02 2.03 0.00	33.90 1.92 0.00	32.91 1.89 0.00	32.58 1.79 0.00	35.66 1.99 0.00	38.63 1.94 0.00	33.50 2.02 0.00	29.98 2.22 0.00	25.11 2.05 -0.01	23.13 1.97 -0.01	16.25 1.11 0.00	15.24 1.14 0.00	13.77 1.02 0.00	12.95 1.03 0.00	14.03 1.13 0.00	16.74 1.33 0.00	26.24 2.03 0.00	38.73 2.80 0.00	53.00 3.38 0.00	57.64 3.77 0.00	44.27 2.95 -0.93	32.67 2.23 -0.36	28.45 1.93 -1.06
BAYONEEC___CTG5 323686	37.14 2.14 0.00	37.02 2.03 0.00	33.90 1.92 0.00	32.91 1.89 0.00	32.58 1.79 0.00	35.66 1.99 0.00	38.63 1.94 0.00	33.50 2.02 0.00	29.98 2.22 0.00	25.11 2.05 -0.01	23.13 1.97 -0.01	16.25 1.11 0.00	15.24 1.14 0.00	13.77 1.02 0.00	12.95 1.03 0.00	14.03 1.13 0.00	16.74 1.33 0.00	26.24 2.03 0.00	38.73 2.80 0.00	53.00 3.38 0.00	57.64 3.77 0.00	44.27 2.95 -0.93	32.67 2.23 -0.36	28.45 1.93 -1.06
BAYONEEC___CTG6 323687	37.14 2.14 0.00	37.02 2.03 0.00	33.90 1.92 0.00	32.91 1.89 0.00	32.58 1.79 0.00	35.66 1.99 0.00	38.63 1.94 0.00	33.50 2.02 0.00	29.98 2.22 0.00	25.11 2.05 -0.01	23.13 1.97 -0.01	16.25 1.11 0.00	15.24 1.14 0.00	13.77 1.02 0.00	12.95 1.03 0.00	14.03 1.13 0.00	16.74 1.33 0.00	26.24 2.03 0.00	38.73 2.80 0.00	53.00 3.38 0.00	57.64 3.77 0.00	44.27 2.95 -0.93	32.67 2.23 -0.36	28.45 1.93 -1.06
BAYONEEC___CTG7 323688	37.14 2.14 0.00	37.02 2.03 0.00	33.90 1.92 0.00	32.91 1.89 0.00	32.58 1.79 0.00	35.66 1.99 0.00	38.63 1.94 0.00	33.50 2.02 0.00	29.98 2.22 0.00	25.11 2.05 -0.01	23.13 1.97 -0.01	16.25 1.11 0.00	15.24 1.14 0.00	13.77 1.02 0.00	12.95 1.03 0.00	14.03 1.13 0.00	16.74 1.33 0.00	26.24 2.03 0.00	38.73 2.80 0.00	53.00 3.38 0.00	57.64 3.77 0.00	44.27 2.95 -0.93	32.67 2.23 -0.36	28.45 1.93 -1.06

BAYONEEC___CTG8 323689	37.14 2.14 0.00	37.02 2.03 0.00	33.90 1.92 0.00	32.91 1.89 0.00	32.58 1.79 0.00	35.66 1.99 0.00	38.63 1.94 0.00	33.50 2.02 0.00	29.98 2.22 0.00	25.11 2.05 -0.01	23.13 1.97 -0.01	16.25 1.11 0.00	15.24 1.14 0.00	13.77 1.02 0.00	12.95 1.03 0.00	14.03 1.13 0.00	16.74 1.33 0.00	26.24 2.03 0.00	38.73 2.80 0.00	53.00 3.38 0.00	57.64 3.77 0.00	44.27 2.95 -0.93	32.67 2.23 -0.36	28.45 1.93 -1.06
BAYONEEC___CTG9 323749	37.14 2.14 0.00	37.02 2.03 0.00	33.90 1.92 0.00	32.91 1.89 0.00	32.58 1.79 0.00	35.66 1.99 0.00	38.63 1.94 0.00	33.50 2.02 0.00	29.98 2.22 0.00	25.11 2.05 -0.01	23.13 1.97 -0.01	16.25 1.11 0.00	15.24 1.14 0.00	13.77 1.02 0.00	12.95 1.03 0.00	14.03 1.13 0.00	16.74 1.33 0.00	26.24 2.03 0.00	38.73 2.80 0.00	53.00 3.38 0.00	57.64 3.77 0.00	44.27 2.95 -0.93	32.67 2.23 -0.36	28.45 1.93 -1.06
BAYPORT_69_KV_BK 2 356364	50.35 3.01 -12.33	47.23 2.97 -9.26	47.13 2.72 -12.43	33.99 2.98 0.00	33.60 2.80 0.00	36.70 3.03 0.00	39.84 3.16 0.00	34.25 2.77 0.00	30.26 2.50 0.00	25.22 2.17 0.00	23.26 2.09 -0.01	16.50 1.35 0.00	15.52 1.42 0.00	14.06 1.31 0.00	13.30 1.37 -0.01	14.41 1.52 0.00	17.14 1.73 0.00	27.04 2.83 -0.01	45.71 4.17 -5.62	54.75 5.11 -0.01	59.48 5.60 -0.01	51.87 4.44 -7.04	33.86 3.40 -0.37	29.43 2.90 -1.07
BEACON___LESR 323632	36.20 1.19 0.00	36.25 1.26 0.00	33.13 1.15 0.00	32.16 1.15 0.00	31.90 1.11 0.00	34.88 1.21 0.00	37.83 1.14 0.00	32.52 1.04 0.00	28.67 0.91 0.00	23.84 0.78 0.00	21.94 0.78 0.00	15.63 0.48 0.00	14.55 0.45 0.00	13.13 0.38 0.00	12.30 0.38 0.00	13.33 0.44 0.00	16.00 0.59 0.00	25.17 0.97 0.00	37.37 1.44 0.00	51.56 1.93 0.00	55.91 2.05 0.00	42.13 1.74 0.00	31.40 1.32 0.00	27.89 1.22 -1.21
BEAVER RIVER___HYD 24048	34.52 -0.49 0.00	34.43 -0.56 0.00	31.47 -0.51 0.00	30.49 -0.53 0.00	30.27 -0.52 0.00	33.17 -0.50 0.00	36.25 -0.44 0.00	30.85 -0.63 0.00	26.84 -0.92 0.00	22.09 -0.97 0.00	20.35 -0.80 0.00	14.54 -0.61 0.00	13.49 -0.61 0.00	12.19 -0.56 0.00	11.35 -0.57 0.00	12.26 -0.63 0.00	14.58 -0.83 0.00	23.04 -1.16 0.00	35.10 -0.82 0.00	49.13 -0.50 0.00	53.44 -0.43 0.00	40.19 -0.20 0.00	29.96 -0.12 0.00	25.30 -0.20 -0.05
BEEBEE_GT_13 23619	33.17 -1.82 0.01	34.01 -0.98 0.00	30.86 -1.12 0.00	29.93 -1.09 0.00	29.81 -0.99 0.00	32.52 -1.14 0.00	35.62 -1.06 0.00	30.47 -1.01 0.00	26.83 -0.92 0.01	22.26 -0.78 0.00	20.19 -0.95 0.01	14.72 -0.42 0.00	13.72 -0.38 0.00	12.39 -0.36 0.00	11.53 -0.38 0.01	12.42 -0.46 0.01	14.79 -0.62 0.01	23.11 -1.09 0.01	31.32 -1.69 2.91	41.91 -2.38 5.33	43.97 -2.59 7.31	35.48 -2.50 2.41	27.34 -1.80 0.94	22.47 -1.50 1.48
BENSHRST_27_KV_BENSHRST_1 355998	37.39 2.38 -0.01	37.27 2.27 -0.01	34.16 2.17 -0.01	33.16 2.14 -0.01	32.83 2.03 -0.01	35.86 2.19 0.00	38.74 2.05 0.00	33.59 2.11 0.00	30.17 2.41 0.00	25.22 2.17 0.00	23.22 2.05 -0.01	16.32 1.17 0.00	15.32 1.23 0.00	13.85 1.10 0.00	13.01 1.08 0.00	14.12 1.22 0.00	16.85 1.43 0.00	26.41 2.20 0.00	38.95 3.02 0.00	53.35 3.72 0.00	58.07 4.20 0.00	44.52 3.19 -0.93	32.91 2.47 -0.36	28.77 2.24 -1.07
BETHLEHEM___GRP 23843	35.71 0.70 0.00	35.76 0.77 0.00	32.71 0.74 0.00	31.73 0.71 0.00	31.47 0.68 0.00	34.45 0.77 0.00	37.31 0.62 0.00	32.11 0.63 0.00	28.37 0.61 0.00	23.58 0.53 0.00	21.69 0.53 0.00	15.48 0.33 0.00	14.41 0.31 0.00	13.02 0.27 0.00	12.20 0.27 0.00	13.20 0.31 0.00	15.83 0.42 0.00	24.88 0.68 0.00	36.86 0.93 0.00	50.77 1.14 0.00	55.00 1.13 0.00	41.48 1.09 0.00	30.95 0.87 0.00	27.56 0.89 -1.21
BETHLEHEM___GS1 323560	35.71 0.70 0.00	35.76 0.77 0.00	32.71 0.74 0.00	31.73 0.71 0.00	31.47 0.68 0.00	34.45 0.78 0.00	37.31 0.62 0.00	32.11 0.63 0.00	28.37 0.61 0.00	23.58 0.53 0.00	21.73 0.57 0.00	15.48 0.33 0.00	14.41 0.31 0.00	13.02 0.27 0.00	12.20 0.27 0.00	13.20 0.31 0.00	15.83 0.42 0.00	24.88 0.68 0.00	36.86 0.93 0.00	50.77 1.14 0.00	55.05 1.18 0.00	41.52 1.13 0.00	30.96 0.87 0.00	27.59 0.92 -1.21
BETHLEHEM___GS2 323561	35.71 0.70 0.00	35.76 0.77 0.00	32.71 0.74 0.00	31.73 0.71 0.00	31.47 0.68 0.00	34.45 0.78 0.00	37.31 0.62 0.00	32.11 0.63 0.00	28.37 0.61 0.00	23.58 0.53 0.00	21.73 0.57 0.00	15.48 0.33 0.00	14.41 0.31 0.00	13.02 0.27 0.00	12.20 0.27 0.00	13.20 0.31 0.00	15.83 0.42 0.00	24.88 0.68 0.00	36.86 0.93 0.00	50.77 1.14 0.00	55.05 1.18 0.00	41.52 1.13 0.00	30.96 0.87 0.00	27.59 0.92 -1.21
BETHLEHEM___GS3 323562	35.71 0.70 0.00	35.76 0.77 0.00	32.71 0.74 0.00	31.73 0.71 0.00	31.47 0.68 0.00	34.45 0.78 0.00	37.31 0.62 0.00	32.11 0.63 0.00	28.37 0.61 0.00	23.58 0.53 0.00	21.73 0.57 0.00	15.48 0.33 0.00	14.41 0.31 0.00	13.02 0.27 0.00	12.20 0.27 0.00	13.20 0.31 0.00	15.83 0.42 0.00	24.88 0.68 0.00	36.86 0.93 0.00	50.77 1.14 0.00	55.05 1.18 0.00	41.52 1.13 0.00	30.96 0.87 0.00	27.59 0.92 -1.21
BETHLEHEM___STEEL 23779	31.62 -3.36 0.02	32.65 -2.34 0.00	29.45 -2.53 0.00	28.47 -2.54 0.00	28.36 -2.43 0.00	30.87 -2.79 0.01	33.72 -2.97 0.00	29.18 -2.30 0.00	25.63 -2.11 0.02	21.27 -1.78 0.01	19.40 -1.73 0.02	14.04 -1.11 0.00	13.01 -1.09 0.00	11.73 -1.02 0.00	10.92 -0.98 0.02	11.77 -1.10 0.02	14.02 -1.37 0.02	21.96 -2.23 0.02	25.91 -3.27 6.75	34.88 -4.52 10.23	34.74 -5.12 14.01	33.08 -3.59 3.72	26.00 -2.62 1.47	20.73 -2.06 2.66
BETHLHEM_115KV_TB1 79974	35.78 0.77 0.00	35.80 0.80 0.00	32.75 0.77 0.00	31.79 0.78 0.00	31.53 0.74 0.00	34.48 0.81 0.00	37.38 0.70 0.00	32.17 0.69 0.00	28.42 0.67 0.00	23.63 0.58 0.00	21.73 0.57 0.00	15.50 0.35 0.00	14.44 0.34 0.00	13.04 0.29 0.00	12.22 0.30 0.00	13.23 0.34 0.00	15.86 0.45 0.00	24.91 0.70 0.00	36.93 1.01 0.00	50.87 1.24 0.00	55.16 1.29 0.00	41.56 1.17 0.00	31.02 0.93 0.00	27.59 0.92 -1.21
BETHPAGE_CC_5 323564	50.03 2.70 -12.33	46.91 2.66 -9.26	46.90 2.50 -12.43	33.56 2.54 0.00	33.20 2.40 0.00	36.26 2.59 0.00	39.36 2.68 0.00	33.87 2.39 0.00	29.98 2.22 0.00	25.06 2.00 -0.01	23.13 1.97 -0.01	16.39 1.24 0.00	15.39 1.30 0.00	13.94 1.19 0.00	13.17 1.24 -0.01	14.21 1.32 0.00	16.94 1.53 0.00	26.68 2.47 -0.01	45.89 3.48 -6.48	53.85 4.22 -0.01	58.51 4.63 -0.01	52.08 3.71 -7.98	33.28 2.83 -0.38	28.97 2.44 -1.07
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	31.76 -3.22 0.02	32.61 -2.38 0.00	29.45 -2.53 0.00	28.44 -2.57 0.00	28.36 -2.43 0.00	30.87 -2.79 0.01	33.72 -2.97 0.00	29.18 -2.30 0.00	25.66 -2.08 0.02	21.27 -1.78 0.01	19.46 -1.67 0.02	14.03 -1.12 0.00	13.01 -1.09 0.00	11.72 -1.03 0.02	10.93 -0.97 0.02	11.80 -1.07 0.02	14.04 -1.36 0.02	22.08 -2.11 0.02	26.05 -3.09 6.78	34.95 -4.27 10.41	34.81 -4.79 14.26	33.22 -3.39 3.78	26.16 -2.44 1.49	20.83 -1.91 2.72

BINGHAMTON___COGEN 23790	35.20 0.18 -0.02	35.31 0.31 0.00	32.20 0.22 0.00	31.23 0.22 0.00	31.04 0.25 0.00	33.95 0.27 -0.01	37.02 0.33 0.00	31.76 0.28 0.00	28.00 0.22 -0.02	23.22 0.16 -0.01	21.33 0.15 -0.02	15.27 0.12 0.00	14.20 0.10 0.00	12.88 0.13 0.00	12.06 0.12 -0.02	13.04 0.13 -0.02	15.59 0.15 -0.02	24.54 0.31 -0.02	41.62 0.47 -5.23	59.79 0.60 -9.56	67.62 0.65 -13.11	47.00 0.53 -6.08	32.81 0.36 -2.37	29.05 0.31 -3.29
BIXINCNT_115KV_LOAD 355685	32.22 -2.77 0.02	32.68 -2.31 0.00	29.55 -2.43 0.00	28.53 -2.48 0.00	28.45 -2.34 0.00	30.97 -2.69 0.01	33.83 -2.86 0.00	29.31 -2.17 0.00	25.68 -2.05 0.02	21.25 -1.80 0.01	19.50 -1.63 0.02	13.83 -1.32 0.00	12.74 -1.35 0.00	11.44 -1.31 0.00	10.68 -1.22 0.02	11.55 -1.31 0.02	13.74 -1.65 0.02	21.86 -2.32 0.02	25.83 -3.16 6.93	34.20 -4.17 11.26	33.76 -4.69 15.42	33.03 -3.27 4.08	26.04 -2.44 1.61	20.57 -1.91 2.97
BLACK RIVER___HYD 24047	34.83 -0.17 0.00	34.78 -0.21 0.00	31.79 -0.19 0.00	30.76 -0.25 0.00	30.58 -0.21 0.00	33.50 -0.17 0.00	36.61 -0.07 0.00	31.10 -0.38 0.00	27.04 -0.72 0.00	22.20 -0.85 0.00	20.42 -0.74 0.00	14.65 -0.50 0.00	13.62 -0.48 0.00	12.32 -0.43 0.00	11.47 -0.45 0.00	12.39 -0.50 0.00	14.75 -0.66 0.00	23.33 -0.87 0.00	35.42 -0.50 0.00	49.73 0.10 0.00	54.14 0.27 0.00	40.75 0.36 0.00	30.29 0.21 0.00	25.57 0.05 -0.06
BLACKRVR_115KV_TB2 79977	34.83 -0.18 0.00	34.78 -0.21 0.00	31.79 -0.19 0.00	30.77 -0.25 0.00	30.58 -0.22 0.00	33.50 -0.17 0.00	36.61 -0.07 0.00	31.20 -0.28 0.00	27.01 -0.75 0.00	22.20 -0.85 0.00	20.44 -0.72 0.00	14.65 -0.50 0.00	13.62 -0.48 0.00	12.32 -0.43 0.00	11.47 -0.45 0.00	12.39 -0.50 0.00	14.75 -0.66 0.00	23.33 -0.87 0.00	35.42 -0.50 0.00	49.73 0.10 0.00	54.14 0.27 0.00	40.75 0.36 0.00	30.29 0.21 0.00	25.57 0.05 -0.06
BLISS_WT_PWR 323608	32.18 -2.80 0.02	32.68 -2.31 0.00	29.52 -2.46 0.00	28.53 -2.48 0.00	28.45 -2.34 0.00	30.97 -2.69 0.01	33.79 -2.90 0.00	29.34 -2.14 0.00	25.79 -1.94 0.02	21.22 -1.82 0.01	19.63 -1.50 0.02	13.77 -1.38 0.00	12.67 -1.42 0.00	11.35 -1.40 0.00	10.60 -1.30 0.02	11.46 -1.40 0.02	13.60 -1.79 0.02	21.69 -2.49 0.02	25.58 -3.41 6.93	33.90 -4.47 11.26	33.49 -4.95 15.42	32.71 -3.59 4.08	25.86 -2.62 1.60	20.45 -2.04 2.97
BLUESTONE___WT_PWR 323821	36.38 1.36 -0.01	36.39 1.40 0.00	33.19 1.21 0.00	32.13 1.11 0.00	31.90 1.11 0.00	34.99 1.31 0.00	38.45 1.76 0.00	32.83 1.35 0.00	28.79 1.03 -0.01	23.68 0.62 0.00	21.72 0.55 -0.01	15.50 0.35 0.00	14.43 0.34 0.00	13.08 0.33 0.00	12.25 0.32 -0.01	13.28 0.37 -0.01	15.87 0.45 -0.01	25.08 0.87 -0.01	39.51 1.47 -2.11	55.87 2.38 -3.86	61.85 2.69 -5.29	45.12 2.14 -2.59	32.56 1.47 -1.01	28.35 1.17 -1.72
BLUE_CIRC_CHEM_DRP 24182	36.16 1.16 0.00	36.22 1.22 0.00	33.10 1.12 0.00	32.13 1.12 0.00	31.87 1.08 0.00	34.85 1.18 0.00	37.79 1.10 0.00	32.39 0.91 0.00	28.53 0.78 0.00	23.70 0.65 0.00	21.77 0.61 0.00	15.53 0.38 0.00	14.46 0.37 0.00	13.07 0.32 0.00	12.24 0.32 0.00	13.25 0.36 0.00	15.89 0.48 0.00	25.00 0.80 0.00	37.22 1.29 0.00	51.37 1.74 0.00	55.75 1.89 0.00	42.64 1.58 -0.68	31.55 1.20 -0.26	27.70 1.04 -1.20
BOC_GAS_DRP 24189	35.92 0.91 0.00	35.90 0.91 0.00	32.84 0.86 0.00	31.88 0.87 0.00	31.63 0.83 0.00	34.58 0.91 0.00	37.53 0.84 0.00	32.30 0.82 0.00	28.56 0.80 0.00	23.74 0.69 0.00	21.83 0.68 0.00	15.57 0.42 0.00	14.51 0.41 0.00	13.11 0.36 0.00	12.28 0.36 0.00	13.29 0.40 0.00	15.92 0.51 0.00	25.00 0.80 0.00	37.08 1.15 0.00	51.07 1.44 0.00	55.43 1.56 0.00	41.68 1.29 0.00	31.08 0.99 0.00	27.55 0.89 -1.21
BOONVILLE_115KV_TB1 79983	35.32 0.32 0.00	35.27 0.28 0.00	32.23 0.26 0.00	31.26 0.25 0.00	31.04 0.25 0.00	34.04 0.37 0.00	37.20 0.51 0.00	31.83 0.35 0.00	27.73 -0.03 0.00	22.87 -0.18 0.00	21.03 -0.13 0.00	15.03 -0.12 0.00	13.97 -0.13 0.00	12.64 -0.11 0.00	11.80 -0.12 0.00	12.74 -0.15 0.00	15.20 -0.22 0.00	23.96 -0.24 0.00	36.18 0.25 0.00	50.42 0.79 0.00	54.78 0.92 0.00	41.20 0.81 0.00	30.65 0.57 0.00	25.94 0.43 -0.05
BORALEX_4TH_BRANCH 23824	36.97 1.96 0.00	36.95 1.96 0.00	33.77 1.79 0.00	32.75 1.74 0.00	32.49 1.69 0.00	35.56 1.89 0.00	38.63 1.94 0.00	33.24 1.76 0.00	29.40 1.64 0.00	24.44 1.38 0.00	22.45 1.29 0.00	16.00 0.85 0.00	14.90 0.80 0.00	13.48 0.73 0.00	12.62 0.70 0.00	13.68 0.79 0.00	16.39 0.97 0.00	25.75 1.55 0.00	38.23 2.30 0.00	52.75 3.13 0.00	57.21 3.34 0.00	43.02 2.63 0.00	32.01 1.93 0.00	28.33 1.65 -1.22
BOWLINE___1 23526	36.89 1.89 0.00	36.84 1.85 0.00	33.70 1.73 0.00	32.75 1.74 0.00	32.42 1.63 0.00	35.49 1.82 0.00	38.45 1.76 0.00	33.24 1.76 0.00	29.59 1.83 0.00	24.73 1.68 0.00	22.79 1.63 0.00	16.09 0.94 0.00	15.07 0.97 0.00	13.62 0.87 0.00	12.80 0.88 0.00	13.87 0.98 0.00	16.57 1.16 0.00	25.97 1.77 0.00	38.48 2.55 0.00	52.76 3.13 0.00	57.37 3.50 0.00	44.11 2.75 -0.97	32.51 2.05 -0.38	28.60 1.76 -1.39
BOWLINE___2 23595	36.89 1.89 0.00	36.84 1.85 0.00	33.70 1.73 0.00	32.75 1.74 0.00	32.42 1.63 0.00	35.49 1.82 0.00	38.45 1.76 0.00	33.24 1.76 0.00	29.59 1.83 0.00	24.73 1.68 0.00	22.79 1.63 0.00	16.09 0.94 0.00	15.07 0.97 0.00	13.62 0.87 0.00	12.80 0.88 0.00	13.87 0.98 0.00	16.57 1.16 0.00	25.97 1.77 0.00	38.48 2.55 0.00	52.76 3.13 0.00	57.37 3.50 0.00	44.11 2.75 -0.97	32.51 2.05 -0.38	28.60 1.76 -1.39
BRADY___115KV_TB2 356060	34.87 -0.14 0.00	34.54 -0.45 0.00	31.63 -0.35 0.00	30.58 -0.43 0.00	30.39 -0.40 0.00	33.20 -0.47 0.00	36.32 -0.37 0.00	31.04 -0.44 0.00	27.01 -0.75 0.00	22.38 -0.67 0.00	20.59 -0.57 0.00	14.72 -0.42 0.00	13.67 -0.42 0.00	12.34 -0.41 0.00	11.50 -0.42 0.00	12.43 -0.46 0.00	14.86 -0.55 0.00	23.41 -0.80 0.00	35.03 -0.90 0.00	48.88 -0.74 0.00	53.11 -0.75 0.00	39.87 -0.53 0.00	29.57 -0.51 0.00	24.95 -0.51 0.00
BRANSCOMB___SOLAR 323811	36.82 1.82 0.00	36.88 1.89 0.00	33.67 1.69 0.00	32.69 1.67 0.00	32.42 1.63 0.00	35.46 1.78 0.00	38.56 1.87 0.00	32.96 1.48 0.00	29.01 1.25 0.00	24.07 1.01 0.00	22.07 0.91 0.00	15.68 0.53 0.00	14.60 0.51 0.00	13.21 0.46 0.00	12.36 0.44 0.00	13.38 0.49 0.00	16.09 0.68 0.00	25.37 1.16 0.00	37.72 1.80 0.00	52.31 2.68 0.00	56.83 2.96 0.00	42.81 2.42 0.00	31.89 1.80 0.00	28.20 1.50 -1.24
BRDGHMPT_69_KV_BK1 55812	50.52 3.19 -12.33	47.09 2.83 -9.26	46.71 2.30 -12.43	33.59 2.57 0.00	33.16 2.37 0.00	36.23 2.56 0.00	39.37 2.68 0.00	33.84 2.36 0.00	29.84 2.08 0.00	24.83 1.78 0.00	22.90 1.73 -0.01	16.24 1.09 0.00	15.27 1.17 0.00	13.85 1.10 0.00	13.23 1.30 -0.01	14.39 1.50 0.00	16.96 1.54 0.00	26.61 2.40 -0.01	45.05 3.59 -5.53	54.00 4.37 -0.01	58.72 4.85 -0.01	51.18 3.84 -6.95	33.43 2.98 -0.37	29.15 2.62 -1.07

BRENTWOD_69_KV_W. BRTWOOD 56703	50.17 2.84 -12.33	47.05 2.80 -9.26	46.97 2.56 -12.43	33.74 2.73 0.00	33.35 2.56 0.00	36.43 2.76 0.00	39.55 2.86 0.00	34.03 2.55 0.00	30.09 2.33 0.00	25.08 2.03 0.00	23.13 1.97 -0.01	16.41 1.26 0.00	15.44 1.34 0.00	13.98 1.22 0.00	13.22 1.29 -0.01	14.31 1.42 0.00	17.00 1.59 0.00	26.83 2.61 -0.01	45.31 3.74 -5.64	54.05 4.42 -0.01	58.73 4.85 -0.01	51.46 4.00 -7.07	33.53 3.07 -0.37	29.18 2.65 -1.07
BRISTLHL_115KV_TB1 79998	34.17 -0.84 0.00	34.29 -0.70 0.00	31.31 -0.67 0.00	30.36 -0.65 0.00	30.18 -0.62 0.00	33.03 -0.64 0.00	36.03 -0.66 0.00	30.85 -0.63 0.00	27.17 -0.58 0.00	22.55 -0.51 0.00	20.67 -0.49 0.00	14.88 -0.27 0.00	13.84 -0.25 0.00	12.55 -0.20 0.00	11.72 -0.20 0.00	12.66 -0.23 0.00	15.14 -0.28 0.00	23.77 -0.44 0.00	35.24 -0.68 0.00	48.69 -0.94 0.00	52.79 -1.08 0.00	38.64 -0.89 0.87	29.11 -0.63 0.34	24.99 -0.56 -0.09
BROOKHAVEN___DRP 24191	50.03 2.70 -12.33	46.95 2.69 -9.26	46.84 2.43 -12.43	33.71 2.70 0.00	33.32 2.53 0.00	36.40 2.73 0.00	39.51 2.82 0.00	33.97 2.49 0.00	30.01 2.25 0.00	24.99 1.94 0.00	23.05 1.88 -0.01	16.35 1.20 0.00	15.38 1.28 0.00	13.94 1.19 0.00	13.19 1.26 -0.01	14.30 1.41 0.00	16.99 1.57 0.00	26.80 2.59 -0.01	45.19 3.74 -5.53	54.10 4.47 -0.01	58.83 4.96 -0.01	51.30 3.96 -6.95	33.56 3.10 -0.37	29.18 2.65 -1.07
BROOKLYN_NAVY_YARD 23515	37.04 2.03 0.00	36.91 1.92 0.00	33.80 1.82 0.00	32.84 1.83 0.00	32.52 1.72 0.00	35.59 1.92 0.00	38.52 1.83 0.00	33.43 1.95 0.00	29.95 2.19 0.00	25.09 2.03 -0.01	23.09 1.93 -0.01	16.21 1.06 0.00	15.21 1.11 0.00	13.75 1.00 0.00	12.92 1.00 0.00	14.01 1.12 0.00	16.73 1.31 0.00	26.21 2.01 0.00	38.62 2.70 0.00	52.81 3.18 0.00	57.48 3.61 0.00	44.11 2.78 -0.93	32.64 2.19 -0.36	28.35 1.83 -1.06
BROOKLYN___ARMY_DRP 323595	37.29 2.28 -0.01	37.17 2.17 -0.01	34.06 2.08 -0.01	33.07 2.05 -0.01	32.74 1.94 -0.01	35.76 2.09 0.00	38.63 1.94 0.00	33.49 2.01 0.00	30.09 2.33 0.00	25.15 2.10 0.00	23.15 1.99 -0.01	16.25 1.11 0.00	15.28 1.18 0.00	13.80 1.05 0.00	12.97 1.05 0.00	14.08 1.19 0.00	16.79 1.37 0.00	26.33 2.13 0.00	38.80 2.87 0.00	53.15 3.52 0.00	57.85 3.99 0.00	44.35 3.03 -0.93	32.82 2.38 -0.36	28.69 2.16 -1.07
BROOME_2_LFGE 323671	35.20 0.18 -0.02	35.30 0.31 0.00	32.20 0.23 0.00	31.23 0.22 0.00	31.04 0.25 0.00	33.95 0.27 -0.01	37.02 0.33 0.00	31.76 0.28 0.00	27.99 0.22 -0.02	23.22 0.16 -0.01	21.35 0.17 -0.02	15.27 0.12 0.00	14.20 0.10 0.00	12.87 0.11 0.00	12.06 0.12 -0.02	13.04 0.13 -0.02	15.59 0.15 -0.02	24.53 0.31 -0.02	41.62 0.47 -5.23	59.79 0.60 -9.56	67.62 0.65 -13.11	47.00 0.52 -6.08	32.81 0.36 -2.37	29.05 0.31 -3.29
BROOME___LFGE 323600	35.20 0.18 -0.02	35.30 0.31 0.00	32.20 0.23 0.00	31.23 0.22 0.00	31.04 0.25 0.00	33.95 0.27 -0.01	37.02 0.33 0.00	31.76 0.28 0.00	27.99 0.22 -0.02	23.22 0.16 -0.01	21.35 0.17 -0.02	15.27 0.12 0.00	14.20 0.10 0.00	12.87 0.11 0.00	12.06 0.12 -0.02	13.04 0.13 -0.02	15.59 0.15 -0.02	24.53 0.31 -0.02	41.62 0.47 -5.23	59.79 0.60 -9.56	67.62 0.65 -13.11	47.00 0.52 -6.08	32.81 0.36 -2.37	29.05 0.31 -3.29
BROWNFLS_115KV_TB 3_5 80003	34.13 -0.88 0.00	33.94 -1.05 0.00	31.05 -0.93 0.00	30.05 -0.96 0.00	29.84 -0.95 0.00	32.66 -1.01 0.00	35.73 -0.95 0.00	30.50 -0.98 0.00	26.48 -1.28 0.00	21.85 -1.20 0.00	20.16 -0.99 0.00	14.39 -0.76 0.00	13.36 -0.73 0.00	12.08 -0.68 0.00	11.24 -0.68 0.00	12.14 -0.75 0.00	14.44 -0.97 0.00	22.78 -1.43 0.00	34.45 -1.47 0.00	48.14 -1.49 0.00	52.36 -1.51 0.00	39.34 -1.05 0.00	29.30 -0.78 0.00	24.73 -0.76 -0.03
BROWNSV1_27_KV_LOAD 356125	37.35 2.35 0.00	37.23 2.24 0.00	34.09 2.11 0.00	33.09 2.08 0.00	32.76 1.97 0.00	35.86 2.19 0.00	38.85 2.16 0.00	33.68 2.20 0.00	30.20 2.44 0.00	25.24 2.19 0.00	23.28 2.12 -0.01	16.35 1.20 0.00	15.34 1.24 0.00	13.86 1.11 0.00	13.02 1.10 0.00	14.12 1.22 0.00	16.85 1.43 0.00	26.38 2.18 0.00	38.98 3.05 0.00	53.40 3.77 0.00	58.12 4.26 0.00	44.56 3.23 -0.93	32.88 2.44 -0.36	28.63 2.11 -1.06
BURROWS___LYONSDAL 23803	35.11 0.11 0.00	35.06 0.07 0.00	32.04 0.06 0.00	31.08 0.06 0.00	30.86 0.06 0.00	33.84 0.17 0.00	36.98 0.29 0.00	31.64 0.16 0.00	27.51 -0.25 0.00	22.68 -0.37 0.00	20.86 -0.30 0.00	14.91 -0.24 0.00	13.84 -0.25 0.00	12.52 -0.23 0.00	11.67 -0.25 0.00	12.61 -0.28 0.00	15.03 -0.39 0.00	23.72 -0.48 0.00	35.96 0.04 0.00	50.12 0.50 0.00	54.51 0.65 0.00	41.00 0.61 0.00	30.50 0.42 0.00	25.78 0.28 -0.05
CAITHNESS_CC_1 323624	49.99 2.66 -12.33	46.88 2.63 -9.26	46.77 2.37 -12.43	33.65 2.63 0.00	33.26 2.46 0.00	36.37 2.69 0.00	39.47 2.79 0.00	33.90 2.42 0.00	29.92 2.17 0.00	24.99 1.94 -0.01	23.07 1.90 -0.01	16.35 1.20 0.00	15.37 1.27 0.00	13.92 1.17 0.00	13.18 1.25 -0.01	14.22 1.33 0.00	16.97 1.56 0.00	26.75 2.54 -0.01	45.12 3.67 -5.53	54.01 4.37 -0.01	58.67 4.79 -0.01	51.21 3.88 -6.94	33.49 3.04 -0.37	29.13 2.60 -1.07
CALPINE BETH_PAGE_GT4 24209	50.03 2.70 -12.33	46.88 2.62 -9.26	46.90 2.49 -12.43	33.56 2.54 0.00	33.20 2.40 0.00	36.26 2.59 0.00	39.37 2.68 0.00	33.90 2.42 0.00	30.06 2.30 0.00	25.06 2.01 0.00	23.11 1.95 -0.01	16.39 1.24 0.00	15.41 1.31 0.00	13.95 1.20 0.00	13.17 1.24 -0.01	14.26 1.37 0.00	16.94 1.53 0.00	26.68 2.47 -0.01	46.26 3.48 -6.84	53.86 4.22 -0.01	58.57 4.69 -0.01	52.48 3.72 -8.38	33.29 2.83 -0.38	29.00 2.47 -1.07
CALPINE_BETH_PAGE_GT_4 323586	50.03 2.70 -12.33	46.88 2.63 -9.26	46.90 2.50 -12.43	33.56 2.54 0.00	33.20 2.40 0.00	36.26 2.59 0.00	39.36 2.68 0.00	33.90 2.42 0.00	30.00 2.25 0.00	25.06 2.00 -0.01	23.15 1.99 -0.01	16.39 1.24 0.00	15.41 1.31 0.00	13.95 1.20 0.00	13.17 1.24 -0.01	14.21 1.32 0.00	16.94 1.53 0.00	26.68 2.47 -0.01	46.25 3.48 -6.84	53.86 4.22 -0.01	58.56 4.68 -0.01	52.48 3.71 -8.38	33.29 2.83 -0.38	28.97 2.44 -1.07
CALPINE_BP_GT1 23823	50.03 2.70 -12.33	46.88 2.63 -9.26	46.90 2.50 -12.43	33.56 2.54 0.00	33.20 2.40 0.00	36.26 2.59 0.00	39.36 2.68 0.00	33.90 2.42 0.00	30.00 2.25 0.00	25.06 2.00 -0.01	23.15 1.99 -0.01	16.39 1.24 0.00	15.41 1.31 0.00	13.95 1.20 0.00	13.17 1.24 -0.01	14.21 1.32 0.00	16.94 1.53 0.00	26.68 2.47 -0.01	46.25 3.48 -6.84	53.86 4.22 -0.01	58.56 4.68 -0.01	52.48 3.71 -8.38	33.29 2.83 -0.38	28.97 2.44 -1.07
CALSPAN___DRP 24200	31.62 -3.36 0.02	32.65 -2.34 0.00	29.45 -2.53 0.00	28.47 -2.54 0.00	28.36 -2.43 0.00	30.87 -2.79 0.01	33.72 -2.97 0.00	29.18 -2.30 0.00	25.63 -2.11 0.02	21.27 -1.78 0.01	19.40 -1.73 0.02	14.04 -1.11 0.00	13.01 -1.09 0.00	11.73 -1.02 0.00	10.92 -0.98 0.02	11.77 -1.10 0.02	14.02 -1.37 0.02	21.96 -2.23 0.02	25.91 -3.27 6.75	34.88 -4.52 10.23	34.74 -5.12 14.01	33.08 -3.59 3.72	26.00 -2.62 1.47	20.73 -2.06 2.66

CALVERTON___SOLAR 323806	50.14 2.80 -12.33	46.99 2.73 -9.26	46.87 2.46 -12.43	33.74 2.73 0.00	33.35 2.55 0.00	36.43 2.76 0.00	39.59 2.90 0.00	34.00 2.52 0.00	29.98 2.22 0.00	25.02 1.96 -0.01	23.09 1.93 -0.01	16.35 1.20 0.00	15.38 1.28 0.00	13.94 1.19 0.00	13.21 1.28 -0.01	14.26 1.37 0.00	17.00 1.59 0.00	26.83 2.61 -0.01	45.23 3.77 -5.53	54.20 4.56 -0.01	58.94 5.06 -0.01	51.38 4.04 -6.95	33.61 3.16 -0.37	29.20 2.67 -1.07
CANDIGU_WT_PWR 323617	32.84 -2.14 0.03	33.49 -1.50 0.00	30.28 -1.70 0.00	29.28 -1.74 0.00	29.19 -1.60 0.00	31.81 -1.85 0.01	34.74 -1.95 0.00	29.81 -1.67 0.00	25.98 -1.75 0.03	21.40 -1.64 0.01	19.62 -1.50 0.03	14.12 -1.03 0.00	13.05 -1.04 0.00	11.79 -0.96 0.00	10.98 -0.91 0.03	11.87 -0.99 0.03	14.21 -1.17 0.03	22.53 -1.65 0.03	19.38 -2.19 14.36	31.02 -2.78 15.83	29.06 -3.13 21.68	32.13 -2.34 5.92	25.90 -1.87 2.31	19.55 -1.53 4.38
CARR STREET_E_SYR 24060	34.55 -0.46 0.00	34.75 -0.24 0.00	31.69 -0.29 0.00	30.73 -0.28 0.00	30.55 -0.25 0.00	33.44 -0.23 0.00	36.47 -0.22 0.00	31.23 -0.25 0.00	27.51 -0.25 0.00	22.82 -0.23 0.00	20.90 -0.25 0.00	15.06 -0.09 0.00	14.00 -0.10 0.00	12.70 -0.05 0.00	11.86 -0.06 0.00	12.83 -0.06 0.00	15.32 -0.09 0.00	24.08 -0.12 0.00	35.68 -0.25 0.00	49.28 -0.34 0.00	53.44 -0.43 0.00	39.05 -0.40 0.94	29.42 -0.30 0.37	25.31 -0.25 -0.10
CARTHAGE___PAPER 23857	34.62 -0.38 0.00	34.50 -0.49 0.00	31.56 -0.42 0.00	30.55 -0.46 0.00	30.36 -0.43 0.00	33.27 -0.40 0.00	36.36 -0.33 0.00	30.91 -0.57 0.00	26.87 -0.89 0.00	22.09 -0.97 0.00	20.33 -0.83 0.00	14.54 -0.61 0.00	13.51 -0.59 0.00	12.20 -0.55 0.00	11.36 -0.56 0.00	12.27 -0.62 0.00	14.61 -0.80 0.00	23.12 -1.09 0.00	35.17 -0.76 0.00	49.33 -0.30 0.00	53.71 -0.16 0.00	40.39 0.00 0.00	30.08 0.00 0.00	25.36 -0.15 -0.06
CASSADAGA_WT_PWR 323784	32.43 -2.55 0.02	33.28 -1.71 0.00	30.09 -1.89 0.00	29.03 -1.99 0.00	28.98 -1.82 0.00	31.47 -2.19 0.01	34.34 -2.35 0.00	29.69 -1.79 0.00	26.21 -1.53 0.02	21.48 -1.57 0.01	19.57 -1.57 0.02	13.94 -1.21 0.00	12.90 -1.20 0.00	11.59 -1.16 0.00	10.75 -1.14 0.02	11.58 -1.29 0.02	13.77 -1.62 0.02	21.67 -2.52 0.02	25.63 -3.38 6.92	34.24 -4.32 11.07	33.91 -4.79 15.16	32.69 -3.68 4.02	25.82 -2.68 1.58	20.43 -2.11 2.92
CE_DUNWOOD___DRP 24194	37.04 2.03 0.00	36.95 1.96 0.00	33.83 1.85 0.00	32.87 1.86 0.00	32.55 1.76 0.00	35.62 1.95 0.00	38.60 1.91 0.00	33.37 1.89 0.00	29.81 2.05 0.00	24.87 1.82 0.00	22.91 1.76 0.00	16.16 1.01 0.00	15.14 1.04 0.00	13.68 0.93 0.00	12.86 0.94 0.00	13.94 1.04 0.00	16.63 1.22 0.00	26.09 1.89 0.00	38.62 2.69 0.00	52.90 3.28 0.00	57.58 3.72 0.00	44.19 2.87 -0.94	32.61 2.17 -0.36	28.38 1.86 -1.06
CE_MILLWOOD___DRP 24193	37.00 2.00 0.00	36.91 1.92 0.00	33.77 1.79 0.00	32.81 1.80 0.00	32.49 1.69 0.00	35.56 1.89 0.00	38.52 1.83 0.00	33.31 1.83 0.00	29.73 1.97 0.00	24.80 1.75 0.00	22.87 1.71 0.00	16.13 0.98 0.00	15.11 1.01 0.00	13.66 0.91 0.00	12.83 0.91 0.00	13.91 1.02 0.00	16.60 1.19 0.00	26.04 1.84 0.00	38.55 2.62 0.00	52.85 3.23 0.00	57.48 3.61 0.00	44.12 2.79 -0.94	32.55 2.11 -0.37	28.35 1.83 -1.06
CE_NYC2_DRP 24202	37.04 2.03 0.00	36.95 1.96 0.00	33.86 1.89 0.00	32.87 1.86 0.00	32.55 1.76 0.00	35.59 1.92 0.00	38.49 1.80 0.00	33.40 1.92 0.00	30.06 2.30 0.00	25.13 2.07 0.00	23.15 1.99 -0.01	16.24 1.09 0.00	15.25 1.16 0.00	13.78 1.03 0.00	12.95 1.03 0.00	14.05 1.16 0.00	16.76 1.34 0.00	26.26 2.06 0.00	38.62 2.69 0.00	52.90 3.28 0.00	57.58 3.72 0.00	44.15 2.83 -0.93	32.64 2.20 -0.36	28.53 2.01 -1.06
CE_NYC_DRP 24195	37.18 2.17 0.00	37.05 2.06 0.00	33.93 1.95 0.00	32.94 1.92 0.00	32.61 1.82 0.00	35.69 2.02 0.00	38.67 1.98 0.00	33.53 2.05 0.00	30.06 2.30 0.00	25.13 2.07 0.00	23.17 2.01 -0.01	16.26 1.11 0.00	15.25 1.16 0.00	13.78 1.03 0.00	12.95 1.03 0.00	14.05 1.16 0.00	16.76 1.34 0.00	26.26 2.06 0.00	39.26 2.84 -0.49	55.46 3.47 -2.35	60.34 3.93 -2.54	46.31 2.99 -2.93	32.95 2.26 -0.61	28.58 1.99 -1.14
CHAFFEE___LFGE 323603	31.73 -3.25 0.02	32.65 -2.34 0.00	29.45 -2.53 0.00	28.44 -2.57 0.00	28.36 -2.43 0.00	30.87 -2.79 0.01	33.75 -2.94 0.00	29.24 -2.23 0.00	25.77 -1.97 0.02	21.27 -1.77 0.01	19.44 -1.69 0.02	14.04 -1.11 0.00	13.03 -1.07 0.00	11.73 -1.02 0.00	10.94 -0.95 0.02	11.80 -1.07 0.02	14.05 -1.34 0.02	22.05 -2.13 0.02	26.00 -3.09 6.84	34.61 -4.27 10.75	34.30 -4.85 14.72	33.02 -3.47 3.90	26.05 -2.50 1.54	20.76 -1.88 2.82
CHATEAUG_35_KV_LOAD 355732	34.80 -0.21 0.00	34.54 -0.45 0.00	31.66 -0.32 0.00	30.64 -0.37 0.00	30.45 -0.34 0.00	33.27 -0.40 0.00	36.36 -0.33 0.00	31.16 -0.31 0.00	27.31 -0.44 0.00	22.66 -0.39 0.00	20.80 -0.36 0.00	14.86 -0.29 0.00	13.79 -0.31 0.00	12.43 -0.32 0.00	11.58 -0.35 0.00	12.50 -0.39 0.00	14.95 -0.46 0.00	23.53 -0.68 0.00	35.10 -0.83 0.00	48.83 -0.79 0.00	53.01 -0.86 0.00	39.70 -0.69 0.00	29.42 -0.66 0.00	24.82 -0.64 0.00
CHATEAUG_WT_PWR 323614	34.76 -0.24 0.00	34.50 -0.49 0.00	31.63 -0.35 0.00	30.61 -0.40 0.00	30.43 -0.37 0.00	33.23 -0.44 0.00	36.32 -0.37 0.00	31.13 -0.35 0.00	27.34 -0.42 0.00	22.66 -0.39 0.00	20.80 -0.36 0.00	14.88 -0.27 0.00	13.80 -0.30 0.00	12.45 -0.31 0.00	11.59 -0.33 0.00	12.52 -0.37 0.00	14.97 -0.45 0.00	23.50 -0.70 0.00	35.06 -0.86 0.00	48.74 -0.89 0.00	52.84 -1.03 0.00	39.62 -0.77 0.00	29.39 -0.69 0.00	24.77 -0.69 0.00
CHAT_HIGH_FALL_HYD 323578	34.80 -0.21 0.00	34.54 -0.45 0.00	31.66 -0.32 0.00	30.64 -0.37 0.00	30.45 -0.34 0.00	33.27 -0.40 0.00	36.36 -0.33 0.00	31.16 -0.31 0.00	27.31 -0.44 0.00	22.66 -0.39 0.00	20.80 -0.36 0.00	14.86 -0.29 0.00	13.79 -0.31 0.00	12.43 -0.32 0.00	11.58 -0.35 0.00	12.50 -0.39 0.00	14.95 -0.46 0.00	23.53 -0.68 0.00	35.10 -0.83 0.00	48.83 -0.79 0.00	53.01 -0.86 0.00	39.70 -0.69 0.00	29.42 -0.66 0.00	24.82 -0.64 0.00
CHAUTAUQUA___LFGE 323629	32.22 -2.77 0.02	33.21 -1.78 0.00	30.00 -1.98 0.00	28.97 -2.05 0.00	28.88 -1.91 0.00	31.41 -2.26 0.01	34.30 -2.38 0.00	29.69 -1.79 0.00	26.13 -1.61 0.02	21.52 -1.52 0.01	19.57 -1.57 0.02	14.10 -1.05 0.00	13.07 -1.03 0.00	11.77 -0.98 0.00	10.93 -0.97 0.02	11.79 -1.08 0.02	14.02 -1.37 0.02	22.01 -2.18 0.02	25.92 -3.09 6.91	34.82 -4.07 10.74	34.53 -4.63 14.71	33.06 -3.43 3.90	26.08 -2.47 1.53	20.73 -1.91 2.82
CHERRYST_13_KV_LD 356241	37.25 2.24 0.00	37.16 2.17 0.00	33.99 2.01 0.00	33.03 2.02 0.00	32.70 1.91 0.00	35.79 2.12 0.00	38.74 2.05 0.00	33.59 2.11 0.00	30.14 2.39 0.00	25.20 2.14 0.00	23.22 2.05 -0.01	16.30 1.15 0.00	15.30 1.20 0.00	13.82 1.07 0.00	12.98 1.06 0.00	14.08 1.19 0.00	16.80 1.39 0.00	26.33 2.13 0.00	39.37 2.95 -0.49	55.61 3.62 -2.35	60.45 4.04 -2.54	46.39 3.07 -2.93	33.04 2.35 -0.61	28.63 2.04 -1.14

CHESTROR_138KV_BK263 355645	36.72 1.72 0.00	36.67 1.68 0.00	33.54 1.57 0.00	32.56 1.55 0.00	32.27 1.48 0.00	35.32 1.65 0.00	38.27 1.58 0.00	33.02 1.54 0.00	29.40 1.64 0.00	24.53 1.48 0.00	22.58 1.42 0.00	15.97 0.82 0.00	14.96 0.86 0.00	13.52 0.77 0.00	12.70 0.77 0.00	13.76 0.86 0.00	16.44 1.02 0.00	25.78 1.57 0.00	38.83 2.26 -0.64	53.62 2.83 -1.16	58.64 3.18 -1.60	43.92 2.50 -1.02	32.32 1.84 -0.40	28.44 1.60 -1.38
CH_MIDHUDSON___DRP 24192	36.90 1.89 0.00	36.84 1.85 0.00	33.70 1.73 0.00	32.75 1.74 0.00	32.43 1.63 0.00	35.49 1.82 0.00	38.49 1.80 0.00	33.18 1.70 0.00	29.53 1.78 0.00	24.60 1.54 0.00	22.64 1.48 0.00	16.01 0.86 0.00	15.00 0.90 0.00	13.55 0.80 0.00	12.73 0.81 0.00	13.79 0.90 0.00	16.48 1.06 0.00	25.87 1.67 0.00	38.37 2.44 0.00	52.75 3.13 0.00	57.37 3.50 0.00	44.00 2.71 -0.91	32.42 1.99 -0.35	28.24 1.71 -1.08
CH_MISC_IPPS 23765	37.04 2.03 0.00	36.98 1.99 0.00	33.83 1.85 0.00	32.84 1.83 0.00	32.52 1.72 0.00	35.62 1.95 0.00	38.59 1.91 0.00	33.27 1.79 0.00	29.54 1.78 0.00	24.62 1.57 0.00	22.68 1.52 0.00	16.04 0.89 0.00	15.03 0.93 0.00	13.58 0.83 0.00	12.77 0.85 0.00	13.85 0.95 0.00	16.53 1.11 0.00	25.95 1.74 0.00	38.52 2.59 0.00	52.95 3.33 0.00	57.64 3.77 0.00	44.23 2.91 -0.93	32.55 2.11 -0.36	28.33 1.81 -1.07
CH_RES_BVR_FALLS 23983	34.87 -0.14 0.00	34.78 -0.21 0.00	31.82 -0.16 0.00	30.86 -0.15 0.00	30.64 -0.15 0.00	33.50 -0.17 0.00	36.54 -0.15 0.00	31.32 -0.16 0.00	27.59 -0.17 0.00	22.89 -0.16 0.00	21.01 -0.15 0.00	15.04 -0.11 0.00	13.98 -0.11 0.00	12.64 -0.11 0.00	11.80 -0.12 0.00	12.76 -0.13 0.00	15.26 -0.15 0.00	23.96 -0.24 0.00	35.60 -0.32 0.00	49.28 -0.34 0.00	53.44 -0.43 0.00	40.07 -0.32 0.00	29.81 -0.27 0.00	25.20 -0.25 0.00
CH_RES_NIAGARA 23895	30.16 -4.83 0.02	31.74 -3.25 0.00	28.59 -3.39 0.00	27.66 -3.35 0.00	27.56 -3.23 0.00	30.03 -3.64 0.01	32.80 -3.89 0.00	28.38 -3.09 0.02	25.00 -2.72 0.03	20.95 -2.10 0.01	18.94 -2.20 0.02	13.91 -1.24 0.00	12.81 -1.28 0.00	11.57 -1.19 0.00	10.82 -1.08 0.02	11.60 -1.28 0.02	13.73 -1.66 0.02	21.10 -3.07 0.03	25.78 -4.24 5.91	34.48 -6.05 9.10	34.62 -6.79 12.46	32.23 -4.85 3.31	25.35 -3.43 1.30	20.40 -2.75 2.31
CH_RES_SYRACUSE 23985	34.76 -0.24 0.00	34.92 -0.07 0.00	31.85 -0.13 0.00	30.89 -0.12 0.00	30.73 -0.06 0.00	33.60 -0.07 0.00	36.69 0.00 0.00	31.39 -0.09 0.00	27.64 -0.11 0.00	22.94 -0.11 0.00	21.01 -0.15 0.00	15.12 -0.03 0.00	14.07 -0.03 0.00	12.76 0.01 0.00	11.92 0.00 0.00	12.89 0.00 0.00	15.40 -0.02 0.00	24.20 0.00 0.00	35.07 -0.04 0.82	48.08 -0.05 1.50	51.71 -0.11 2.05	39.03 -0.16 1.20	29.50 -0.12 0.47	25.02 -0.10 0.33
CLINTON_WT_PWR 323605	34.76 -0.24 0.00	34.50 -0.49 0.00	31.63 -0.35 0.00	30.61 -0.40 0.00	30.43 -0.37 0.00	33.23 -0.44 0.00	36.32 -0.37 0.00	31.13 -0.35 0.00	27.34 -0.42 0.00	22.66 -0.39 0.00	20.80 -0.36 0.00	14.88 -0.27 0.00	13.80 -0.30 0.00	12.45 -0.31 0.00	11.59 -0.33 0.00	12.52 -0.37 0.00	14.97 -0.45 0.00	23.50 -0.70 0.00	35.06 -0.86 0.00	48.74 -0.89 0.00	52.84 -1.03 0.00	39.62 -0.77 0.00	29.39 -0.69 0.00	24.77 -0.69 0.00
CLINTON___LFGE 323618	35.08 0.07 0.00	34.85 -0.14 0.00	31.91 -0.06 0.00	30.89 -0.12 0.00	30.70 -0.09 0.00	33.50 -0.17 0.00	36.69 0.00 0.00	31.42 -0.06 0.00	27.56 -0.19 0.00	22.82 -0.23 0.00	20.97 -0.19 0.00	15.01 -0.14 0.00	13.91 -0.18 0.00	12.55 -0.20 0.00	11.68 -0.24 0.00	12.62 -0.27 0.00	15.09 -0.32 0.00	23.74 -0.46 0.00	35.42 -0.50 0.00	49.33 -0.30 0.00	53.55 -0.32 0.00	40.11 -0.28 0.00	29.69 -0.39 0.00	25.00 -0.46 0.00
COBBLENY_34_KV_TB1 80064	31.73 -3.26 0.02	32.65 -2.34 0.00	29.45 -2.53 0.00	28.44 -2.57 0.00	28.36 -2.43 0.00	30.87 -2.79 0.01	33.75 -2.94 0.00	29.18 -2.30 0.00	25.66 -2.08 0.02	21.27 -1.78 0.01	19.44 -1.69 0.02	14.04 -1.11 0.00	13.03 -1.07 0.00	11.73 -1.02 0.00	10.95 -0.95 0.02	11.80 -1.07 0.02	14.05 -1.34 0.02	22.06 -2.13 0.02	26.00 -3.09 6.84	34.66 -4.22 10.75	34.30 -4.85 14.72	33.10 -3.39 3.90	26.08 -2.47 1.54	20.73 -1.91 2.82
COFFEEN___115KV_TB3 355620	35.04 0.04 0.00	34.99 0.00 0.00	31.98 0.00 0.00	30.95 -0.06 0.00	30.76 -0.03 0.00	33.74 0.07 0.00	36.87 0.18 0.00	31.42 -0.06 0.00	27.15 -0.61 0.00	22.27 -0.78 0.00	20.50 -0.66 0.00	14.69 -0.45 0.00	13.67 -0.42 0.00	12.37 -0.38 0.00	11.52 -0.41 0.00	12.44 -0.45 0.00	14.81 -0.60 0.00	23.45 -0.75 0.00	35.64 -0.29 0.00	50.12 0.50 0.00	54.62 0.75 0.00	41.12 0.73 0.00	30.53 0.45 0.00	25.77 0.25 -0.06
COLDSPRG_115KV_BK1 355956	32.85 -2.14 0.02	33.31 -1.68 0.00	30.09 -1.89 0.00	29.06 -1.95 0.00	28.98 -1.82 0.00	31.51 -2.15 0.01	34.41 -2.27 0.00	29.78 -1.70 0.00	26.13 -1.61 0.02	21.57 -1.48 0.01	19.84 -1.29 0.02	14.10 -1.05 0.00	13.07 -1.03 0.00	11.76 -0.99 0.00	10.98 -0.92 0.02	11.89 -0.98 0.02	14.17 -1.22 0.02	22.47 -1.72 0.02	26.77 -2.23 6.93	35.26 -2.78 11.59	34.76 -3.23 15.87	33.87 -2.30 4.22	26.71 -1.71 1.66	21.08 -1.30 3.08
COLONIE_LFGE___ 323577	36.48 1.47 0.00	36.49 1.50 0.00	33.35 1.37 0.00	32.38 1.36 0.00	32.12 1.32 0.00	35.12 1.45 0.00	38.16 1.47 0.00	32.74 1.26 0.00	28.90 1.14 0.00	24.02 0.97 0.00	22.09 0.93 0.00	15.72 0.58 0.00	14.65 0.55 0.00	13.24 0.48 0.00	12.40 0.48 0.00	13.42 0.53 0.00	16.09 0.68 0.00	25.32 1.11 0.00	37.62 1.69 0.00	51.96 2.33 0.00	56.35 2.48 0.00	42.41 2.02 0.00	31.59 1.50 0.00	27.98 1.30 -1.23
COOPERNY_115KV_TB1 80082	36.55 1.54 0.00	36.50 1.50 0.00	33.39 1.41 0.00	32.41 1.40 0.00	32.12 1.32 0.00	35.15 1.48 0.00	38.12 1.43 0.00	32.90 1.42 0.00	29.26 1.50 0.00	24.39 1.34 0.00	22.47 1.31 0.00	15.91 0.76 0.00	14.89 0.79 0.00	13.45 0.70 0.00	12.63 0.70 0.00	13.68 0.79 0.00	16.34 0.92 0.00	25.63 1.43 0.00	38.85 2.05 -0.87	53.76 2.53 -1.60	58.91 2.86 -2.19	43.99 2.26 -1.34	32.29 1.68 -0.52	28.31 1.48 -1.38
COPENHAGEN_WT_PWR 323753	34.76 -0.24 0.00	34.75 -0.24 0.00	31.76 -0.22 0.00	30.73 -0.28 0.00	30.55 -0.25 0.00	33.47 -0.20 0.00	36.58 -0.11 0.00	31.07 -0.41 0.00	27.04 -0.72 0.00	22.22 -0.83 0.00	20.46 -0.70 0.00	14.68 -0.47 0.00	13.65 -0.45 0.00	12.34 -0.41 0.00	11.50 -0.42 0.00	12.41 -0.48 0.00	14.78 -0.63 0.00	23.38 -0.82 0.00	35.39 -0.54 0.00	49.63 0.00 0.00	54.03 0.16 0.00	40.68 0.28 0.00	30.23 0.15 0.00	25.52 0.00 -0.07
CORNELL_____ 23752	35.45 0.46 0.01	35.66 0.66 0.00	32.49 0.51 0.00	31.48 0.47 0.00	31.32 0.52 0.00	34.27 0.61 0.00	37.42 0.73 0.00	31.98 0.50 0.00	28.06 0.31 0.01	23.21 0.16 0.00	21.25 0.11 0.01	15.25 0.11 0.00	14.17 0.07 0.00	12.85 0.10 0.00	12.00 0.08 0.01	12.98 0.10 0.01	15.56 0.15 0.01	24.58 0.39 0.01	34.46 0.75 2.22	46.16 1.19 4.66	48.72 1.24 6.38	38.35 0.93 2.97	29.53 0.60 1.16	24.84 0.48 1.10

CORONA V_69_KV_TB1 355595	50.00 2.66 -12.33	46.88 2.62 -9.26	46.84 2.43 -12.43	33.43 2.42 0.00	33.07 2.28 0.00	36.16 2.49 0.00	39.22 2.53 0.00	33.81 2.33 0.00	30.03 2.28 0.00	25.06 2.01 0.00	23.09 1.93 -0.01	16.36 1.21 0.00	15.37 1.27 0.00	13.91 1.16 0.00	13.13 1.19 -0.02	14.21 1.31 0.00	16.88 1.46 0.00	26.57 2.35 -0.02	50.54 3.20 -11.42	53.62 3.97 -0.02	58.30 4.42 -0.02	57.13 3.39 -13.35	33.11 2.65 -0.38	28.88 2.34 -1.08
CORTLAND_115KV_TB3 80093	35.32 0.32 0.00	35.45 0.45 0.00	32.33 0.35 0.00	31.35 0.34 0.00	31.19 0.40 0.00	34.11 0.44 0.00	37.20 0.51 0.00	31.86 0.38 0.00	28.01 0.25 0.00	23.21 0.16 0.00	21.28 0.13 0.00	15.27 0.12 0.00	14.20 0.10 0.00	12.88 0.13 0.00	12.03 0.11 0.00	13.02 0.13 0.00	15.57 0.15 0.00	24.52 0.31 0.00	36.50 0.57 0.00	50.47 0.84 0.00	54.79 0.92 0.00	39.59 0.65 1.44	29.97 0.45 0.56	26.05 0.38 -0.21
COXSACKIE__GT 23611	37.04 2.03 0.00	37.09 2.10 0.00	33.86 1.89 0.00	32.87 1.86 0.00	32.55 1.75 0.00	35.66 1.99 0.00	38.59 1.91 0.00	32.99 1.51 0.00	28.81 1.05 0.00	23.79 0.74 0.00	21.85 0.70 0.00	15.57 0.42 0.00	14.53 0.44 0.00	13.11 0.36 0.00	12.31 0.39 0.00	13.37 0.48 0.00	16.05 0.63 0.00	25.34 1.14 0.00	38.05 2.12 0.00	52.85 3.22 0.00	57.48 3.61 0.00	43.98 2.87 -0.72	32.26 1.90 -0.28	28.37 1.73 -1.18
CPV_VALLEY__CC1 323721	36.51 1.50 0.00	36.46 1.47 0.00	33.35 1.37 0.00	32.38 1.36 0.00	32.09 1.29 0.00	35.12 1.45 0.00	38.08 1.39 0.00	32.83 1.35 0.00	29.20 1.44 0.00	24.41 1.36 0.00	22.49 1.33 0.00	15.91 0.76 0.00	14.89 0.79 0.00	13.45 0.70 0.00	12.64 0.72 0.00	13.69 0.80 0.00	16.36 0.94 0.00	25.66 1.45 0.00	38.66 2.05 -0.69	53.36 2.48 -1.26	58.39 2.80 -1.72	43.71 2.22 -1.10	32.16 1.65 -0.43	28.30 1.48 -1.37
CPV_VALLEY__CC2 323722	36.51 1.50 0.00	36.46 1.47 0.00	33.35 1.37 0.00	32.38 1.36 0.00	32.09 1.29 0.00	35.12 1.45 0.00	38.08 1.39 0.00	32.83 1.35 0.00	29.20 1.44 0.00	24.41 1.36 0.00	22.49 1.33 0.00	15.91 0.76 0.00	14.89 0.79 0.00	13.45 0.70 0.00	12.64 0.72 0.00	13.69 0.80 0.00	16.36 0.94 0.00	25.66 1.45 0.00	38.66 2.05 -0.69	53.36 2.48 -1.26	58.39 2.80 -1.72	43.71 2.22 -1.10	32.16 1.65 -0.43	28.30 1.48 -1.37
CRESCENT__HYD 24018	36.48 1.47 0.00	36.49 1.50 0.00	33.35 1.37 0.00	32.38 1.36 0.00	32.12 1.32 0.00	35.12 1.45 0.00	38.16 1.47 0.00	32.74 1.26 0.00	28.90 1.14 0.00	24.02 0.97 0.00	22.09 0.93 0.00	15.72 0.58 0.00	14.65 0.55 0.00	13.24 0.48 0.00	12.40 0.48 0.00	13.42 0.53 0.00	16.09 0.68 0.00	25.32 1.11 0.00	37.62 1.69 0.00	51.96 2.33 0.00	56.35 2.48 0.00	42.41 2.02 0.00	31.59 1.50 0.00	27.98 1.30 -1.23
CRICKET__VALLEY_CC1 323756	36.69 1.68 0.00	36.64 1.64 0.00	33.51 1.53 0.00	32.56 1.55 0.00	32.27 1.48 0.00	35.29 1.62 0.00	38.26 1.58 0.00	33.05 1.57 0.00	29.39 1.64 0.00	24.55 1.50 0.00	22.62 1.46 0.00	15.98 0.83 0.00	14.96 0.86 0.00	13.53 0.78 0.00	12.70 0.77 0.00	13.77 0.88 0.00	16.43 1.02 0.00	25.80 1.60 0.00	38.19 2.26 0.00	52.41 2.78 0.00	56.99 3.12 0.00	43.73 2.46 -0.87	32.26 1.84 -0.34	28.13 1.58 -1.09
CRICKET__VALLEY_CC2 323757	36.69 1.68 0.00	36.64 1.64 0.00	33.51 1.53 0.00	32.56 1.55 0.00	32.27 1.48 0.00	35.29 1.62 0.00	38.26 1.58 0.00	33.05 1.57 0.00	29.39 1.64 0.00	24.55 1.50 0.00	22.62 1.46 0.00	15.98 0.83 0.00	14.96 0.86 0.00	13.53 0.78 0.00	12.70 0.77 0.00	13.77 0.88 0.00	16.43 1.02 0.00	25.80 1.60 0.00	38.19 2.26 0.00	52.41 2.78 0.00	56.99 3.12 0.00	43.73 2.46 -0.87	32.26 1.84 -0.34	28.13 1.58 -1.09
CRICKET__VALLEY_CC3 323758	36.69 1.68 0.00	36.64 1.64 0.00	33.51 1.53 0.00	32.56 1.55 0.00	32.27 1.48 0.00	35.29 1.62 0.00	38.26 1.58 0.00	33.05 1.57 0.00	29.39 1.64 0.00	24.55 1.50 0.00	22.62 1.46 0.00	15.98 0.83 0.00	14.96 0.86 0.00	13.53 0.78 0.00	12.70 0.77 0.00	13.77 0.88 0.00	16.43 1.02 0.00	25.80 1.60 0.00	38.19 2.26 0.00	52.41 2.78 0.00	56.99 3.12 0.00	43.73 2.46 -0.87	32.26 1.84 -0.34	28.13 1.58 -1.09
CRUCIBLE_METL_DRP 24180	34.76 -0.25 0.00	34.92 -0.07 0.00	31.85 -0.13 0.00	30.89 -0.12 0.00	30.73 -0.06 0.00	33.60 -0.07 0.00	36.69 0.00 0.00	31.39 -0.09 0.00	27.64 -0.11 0.00	22.94 -0.12 0.00	21.03 -0.13 0.00	15.12 -0.03 0.00	14.07 -0.03 0.00	12.76 0.01 0.00	11.92 0.00 0.00	12.89 0.00 0.00	15.40 -0.02 0.00	24.20 0.00 0.00	35.07 -0.04 0.82	48.08 -0.05 1.50	51.71 -0.11 2.05	39.03 -0.16 1.20	29.50 -0.12 0.47	25.02 -0.10 0.33
DAHOWA__HYDRO 323763	36.96 1.96 0.00	37.02 2.03 0.00	33.77 1.79 0.00	32.78 1.77 0.00	32.52 1.72 0.00	35.59 1.92 0.00	38.67 1.98 0.00	33.05 1.57 0.00	29.04 1.28 0.00	24.09 1.04 0.00	22.11 0.95 0.00	15.71 0.56 0.00	14.63 0.54 0.00	13.22 0.47 0.00	12.39 0.46 0.00	13.39 0.50 0.00	16.12 0.71 0.00	25.39 1.19 0.00	37.79 1.87 0.00	52.51 2.88 0.00	56.99 3.12 0.00	42.98 2.59 0.00	31.98 1.90 0.00	28.28 1.58 -1.24
DANC__LFGE 323619	34.59 -0.42 0.00	34.64 -0.35 0.00	31.63 -0.35 0.00	30.64 -0.37 0.00	30.49 -0.31 0.00	33.34 -0.34 0.00	36.39 -0.29 0.00	31.01 -0.47 0.00	27.09 -0.67 0.00	22.36 -0.69 0.00	20.56 -0.59 0.00	14.77 -0.38 0.00	13.75 -0.35 0.00	12.45 -0.31 0.00	11.60 -0.32 0.00	12.52 -0.37 0.00	14.92 -0.49 0.00	23.53 -0.68 0.00	35.35 -0.58 0.00	49.28 -0.34 0.00	53.65 -0.21 0.00	39.60 -0.08 0.71	29.71 -0.09 0.28	25.38 -0.15 -0.08
DANSKAMMER__1 23586	37.04 2.03 0.00	36.98 1.99 0.00	33.83 1.85 0.00	32.84 1.83 0.00	32.52 1.72 0.00	35.62 1.95 0.00	38.59 1.91 0.00	33.27 1.79 0.00	29.54 1.78 0.00	24.62 1.57 0.00	22.68 1.52 0.00	16.04 0.89 0.00	15.03 0.93 0.00	13.58 0.83 0.00	12.77 0.85 0.00	13.85 0.95 0.00	16.53 1.11 0.00	25.95 1.74 0.00	38.52 2.59 0.00	52.95 3.33 0.00	57.64 3.77 0.00	44.23 2.91 -0.93	32.55 2.11 -0.36	28.33 1.81 -1.07
DANSKAMMER__2 23589	37.04 2.03 0.00	36.98 1.99 0.00	33.83 1.85 0.00	32.84 1.83 0.00	32.52 1.72 0.00	35.62 1.95 0.00	38.59 1.91 0.00	33.27 1.79 0.00	29.54 1.78 0.00	24.62 1.57 0.00	22.68 1.52 0.00	16.04 0.89 0.00	15.03 0.93 0.00	13.58 0.83 0.00	12.77 0.85 0.00	13.85 0.95 0.00	16.53 1.11 0.00	25.95 1.74 0.00	38.52 2.59 0.00	52.95 3.33 0.00	57.64 3.77 0.00	44.23 2.91 -0.93	32.55 2.11 -0.36	28.33 1.81 -1.07
DANSKAMMER__3 23590	37.04 2.03 0.00	36.98 1.99 0.00	33.83 1.85 0.00	32.84 1.83 0.00	32.52 1.72 0.00	35.62 1.95 0.00	38.59 1.91 0.00	33.27 1.79 0.00	29.54 1.78 0.00	24.62 1.57 0.00	22.68 1.52 0.00	16.04 0.89 0.00	15.03 0.93 0.00	13.58 0.83 0.00	12.77 0.85 0.00	13.85 0.95 0.00	16.53 1.11 0.00	25.95 1.74 0.00	38.52 2.59 0.00	52.95 3.33 0.00	57.64 3.77 0.00	44.23 2.91 -0.93	32.55 2.11 -0.36	28.33 1.81 -1.07

DANSKAMMER___4 23591	37.04 2.03 0.00	36.98 1.99 0.00	33.83 1.85 0.00	32.84 1.83 0.00	32.52 1.72 0.00	35.62 1.95 0.00	38.59 1.91 0.00	33.27 1.79 0.00	29.54 1.78 0.00	24.62 1.57 0.00	22.68 1.52 0.00	16.04 0.89 0.00	15.03 0.93 0.00	13.58 0.83 0.00	12.77 0.85 0.00	13.85 0.95 0.00	16.53 1.11 0.00	25.95 1.74 0.00	38.52 2.59 0.00	52.95 3.33 0.00	57.64 3.77 0.00	44.23 2.91 -0.93	32.55 2.11 -0.36	28.33 1.81 -1.07
DANSKAMMER___DIESEL 23592	37.04 2.03 0.00	36.98 1.99 0.00	33.83 1.85 0.00	32.84 1.83 0.00	32.52 1.72 0.00	35.62 1.95 0.00	38.60 1.91 0.00	33.27 1.79 0.00	29.59 1.83 0.00	24.62 1.57 0.00	22.68 1.52 0.00	16.04 0.89 0.00	15.03 0.93 0.00	13.58 0.83 0.00	12.77 0.85 0.00	13.83 0.94 0.00	16.53 1.11 0.00	25.95 1.74 0.00	38.51 2.59 0.00	52.95 3.33 0.00	57.64 3.77 0.00	44.23 2.91 -0.93	32.52 2.08 -0.36	28.33 1.81 -1.07
DARBY___SOLAR 323810	36.86 1.85 0.00	36.91 1.92 0.00	33.70 1.73 0.00	32.69 1.67 0.00	32.46 1.66 0.00	35.49 1.82 0.00	38.56 1.87 0.00	32.99 1.51 0.00	29.01 1.25 0.00	24.04 0.99 0.00	22.05 0.89 0.00	15.69 0.54 0.00	14.60 0.51 0.00	13.21 0.46 0.00	12.37 0.45 0.00	13.38 0.49 0.00	16.09 0.68 0.00	25.37 1.16 0.00	37.76 1.83 0.00	52.36 2.73 0.00	56.83 2.96 0.00	42.85 2.46 0.00	31.89 1.80 0.00	28.20 1.50 -1.24
DASHVILLE___HYD 23610	36.90 1.89 0.00	36.84 1.85 0.00	33.70 1.73 0.00	32.75 1.74 0.00	32.43 1.63 0.00	35.49 1.82 0.00	38.41 1.72 0.00	33.12 1.64 0.00	29.40 1.64 0.00	24.46 1.41 0.00	22.51 1.35 0.00	15.94 0.79 0.00	14.93 0.83 0.00	13.48 0.73 0.00	12.67 0.75 0.00	13.73 0.84 0.00	16.40 0.99 0.00	25.78 1.57 0.00	38.30 2.37 0.00	52.66 3.03 0.00	57.32 3.45 0.00	43.97 2.67 -0.91	32.36 1.93 -0.35	27.91 1.37 -1.08
DELAWARE___LFGE 323621	36.13 1.12 -0.01	36.15 1.15 0.00	33.03 1.06 0.00	32.04 1.02 0.00	31.78 0.99 0.00	34.82 1.14 0.00	39.11 2.42 0.00	33.37 1.89 0.00	29.04 1.28 -0.01	23.86 0.81 0.00	21.89 0.72 -0.01	15.71 0.56 0.00	14.66 0.56 0.00	13.30 0.55 0.00	12.47 0.54 -0.01	13.47 0.57 -0.01	16.09 0.66 -0.01	25.35 1.14 -0.01	39.10 1.37 -1.81	54.83 1.89 -3.32	60.52 2.10 -4.55	44.48 1.66 -2.43	32.26 1.23 -0.95	28.03 1.04 -1.53
DERFIELD_115KV_TB7 355931	35.15 0.14 0.00	35.17 0.17 0.00	32.14 0.16 0.00	31.17 0.16 0.00	30.95 0.15 0.00	33.84 0.17 0.00	36.83 0.15 0.00	31.64 0.16 0.00	27.90 0.14 0.00	23.17 0.12 0.00	21.26 0.11 0.00	15.21 0.06 0.00	14.17 0.07 0.00	12.80 0.05 0.00	11.98 0.06 0.00	12.96 0.06 0.00	15.49 0.08 0.00	24.33 0.12 0.00	36.11 0.18 0.00	49.88 0.25 0.00	54.19 0.32 0.00	40.63 0.24 0.00	30.26 0.18 0.00	25.61 0.15 0.00
DOGLEVILLE___HYD 23807	35.60 0.60 0.00	35.45 0.45 0.00	32.39 0.42 0.00	31.39 0.37 0.00	31.13 0.34 0.00	34.01 0.34 0.00	37.05 0.37 0.00	31.76 0.28 0.00	27.92 0.17 0.00	23.03 -0.02 0.00	21.03 -0.13 0.00	15.00 -0.15 0.00	13.90 -0.20 0.00	12.50 -0.26 0.00	11.65 -0.27 0.00	12.56 -0.34 0.00	15.00 -0.42 0.00	23.62 -0.58 0.00	35.42 -0.50 0.00	49.63 0.00 0.00	54.30 0.43 0.00	40.96 0.57 0.00	30.44 0.36 0.00	25.74 0.28 0.00
DUNKIRK___115KV_TB_200 55889	32.22 -2.77 0.02	33.21 -1.78 0.00	29.96 -2.01 0.00	28.97 -2.05 0.00	28.85 -1.94 0.00	31.41 -2.26 0.01	34.30 -2.38 0.00	29.62 -1.86 0.00	26.02 -1.72 0.02	21.52 -1.52 0.01	19.59 -1.54 0.02	14.13 -1.01 0.00	13.08 -1.01 0.00	11.78 -0.97 0.00	10.96 -0.94 0.02	11.81 -1.06 0.02	14.05 -1.34 0.02	22.06 -2.13 0.02	26.00 -3.02 6.91	34.90 -4.02 10.71	34.68 -4.52 14.67	33.23 -3.27 3.88	26.15 -2.41 1.53	20.74 -1.91 2.81
DUNKIRK___1 23563	32.22 -2.77 0.02	33.21 -1.78 0.00	29.96 -2.01 0.00	28.97 -2.05 0.00	28.85 -1.94 0.00	31.41 -2.26 0.01	34.30 -2.38 0.00	29.62 -1.86 0.00	26.02 -1.72 0.02	21.52 -1.52 0.01	19.59 -1.54 0.02	14.13 -1.01 0.00	13.08 -1.01 0.00	11.78 -0.97 0.00	10.96 -0.94 0.02	11.81 -1.06 0.02	14.05 -1.34 0.02	22.06 -2.13 0.02	26.00 -3.02 6.91	34.90 -4.02 10.71	34.68 -4.52 14.67	33.23 -3.27 3.88	26.15 -2.41 1.53	20.74 -1.91 2.81
DUNKIRK___2 23564	32.22 -2.77 0.02	33.21 -1.78 0.00	29.96 -2.01 0.00	28.97 -2.05 0.00	28.85 -1.94 0.00	31.41 -2.26 0.01	34.30 -2.38 0.00	29.62 -1.86 0.00	26.02 -1.72 0.02	21.52 -1.52 0.01	19.59 -1.54 0.02	14.13 -1.01 0.00	13.08 -1.01 0.00	11.78 -0.97 0.00	10.96 -0.94 0.02	11.81 -1.06 0.02	14.05 -1.34 0.02	22.06 -2.13 0.02	26.00 -3.02 6.91	34.90 -4.02 10.71	34.68 -4.52 14.67	33.23 -3.27 3.88	26.15 -2.41 1.53	20.74 -1.91 2.81
DUNKIRK___3 23565	32.04 -2.94 0.02	33.00 -1.99 0.00	29.80 -2.17 0.00	28.78 -2.23 0.00	28.70 -2.09 0.00	31.24 -2.42 0.01	34.12 -2.57 0.00	29.50 -1.98 0.00	25.91 -1.83 0.02	21.45 -1.59 0.01	19.55 -1.59 0.02	14.10 -1.05 0.00	13.07 -1.03 0.00	11.78 -0.97 0.00	10.97 -0.93 0.02	11.82 -1.04 0.02	14.07 -1.33 0.02	22.08 -2.11 0.02	26.00 -2.98 6.95	34.97 -4.02 10.64	34.72 -4.58 14.57	33.27 -3.27 3.85	26.19 -2.38 1.52	20.79 -1.88 2.79
DUNKIRK___4 23566	32.04 -2.94 0.02	33.00 -1.99 0.00	29.80 -2.17 0.00	28.78 -2.23 0.00	28.70 -2.09 0.00	31.24 -2.42 0.01	34.12 -2.57 0.00	29.50 -1.98 0.00	25.91 -1.83 0.02	21.45 -1.59 0.01	19.55 -1.59 0.02	14.10 -1.05 0.00	13.07 -1.03 0.00	11.78 -0.97 0.00	10.97 -0.93 0.02	11.82 -1.04 0.02	14.07 -1.33 0.02	22.08 -2.11 0.02	26.00 -2.98 6.95	34.97 -4.02 10.64	34.72 -4.58 14.57	33.27 -3.27 3.85	26.19 -2.38 1.52	20.79 -1.88 2.79
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	37.14 2.14 0.00	37.02 2.03 0.00	33.90 1.92 0.00	32.94 1.92 0.00	32.61 1.82 0.00	35.69 2.02 0.00	38.67 1.98 0.00	33.43 1.95 0.00	29.89 2.14 0.00	24.94 1.89 0.00	23.00 1.84 0.00	16.19 1.05 0.00	15.18 1.09 0.00	13.72 0.97 0.00	12.90 0.98 0.00	13.97 1.08 0.00	16.68 1.26 0.00	26.16 1.96 0.00	38.69 2.77 0.00	53.00 3.37 0.00	57.69 3.82 0.00	44.27 2.95 -0.93	32.67 2.23 -0.36	28.43 1.91 -1.06
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	36.86 1.86 0.00	36.81 1.82 0.00	33.67 1.69 0.00	32.72 1.71 0.00	32.39 1.60 0.00	35.46 1.78 0.00	38.41 1.72 0.00	33.15 1.67 0.00	29.51 1.75 0.00	24.60 1.54 0.00	22.64 1.48 0.00	16.01 0.86 0.00	15.00 0.90 0.00	13.54 0.79 0.00	12.73 0.81 0.00	13.79 0.90 0.00	16.48 1.06 0.00	25.87 1.67 0.00	38.98 2.44 -0.61	53.82 3.08 -1.11	58.90 3.50 -1.53	44.07 2.71 -0.97	32.42 1.96 -0.38	28.55 1.71 -1.39
E179THST_138_KV_TB4_REV_LBMP_J 345001	36.90 1.89 0.00	36.78 1.78 0.00	33.74 1.76 0.00	32.75 1.74 0.00	32.43 1.63 0.00	35.46 1.78 0.00	38.30 1.61 0.00	33.27 1.79 0.00	30.03 2.28 0.00	25.10 2.05 0.00	23.07 1.90 -0.01	16.19 1.05 0.00	15.20 1.10 0.00	13.73 0.98 0.00	12.91 0.99 0.00	14.00 1.11 0.00	16.71 1.29 0.00	26.19 1.98 0.00	38.48 2.55 0.00	52.71 3.08 0.00	57.32 3.45 0.00	43.95 2.63 -0.93	32.52 2.08 -0.36	28.43 1.91 -1.06

E179THST_13_KV_LOAD 356214	37.04 2.03 0.00	36.91 1.92 0.00	33.86 1.89 0.00	32.84 1.83 0.00	32.52 1.72 0.00	35.56 1.89 0.00	38.45 1.76 0.00	33.37 1.89 0.00	30.14 2.39 0.00	25.20 2.14 0.00	23.13 1.97 -0.01	16.25 1.11 0.00	15.25 1.16 0.00	13.78 1.03 0.00	12.96 1.04 0.00	14.05 1.16 0.00	16.77 1.36 0.00	26.29 2.08 0.00	38.62 2.69 0.00	52.90 3.28 0.00	57.58 3.72 0.00	44.11 2.79 -0.93	32.61 2.17 -0.36	28.53 2.01 -1.06
EAST HAMPTON___GT 23717	50.52 3.19 -12.33	46.88 2.63 -9.26	46.39 1.98 -12.43	33.25 2.23 0.00	32.79 2.00 0.00	35.86 2.19 0.00	38.96 2.28 0.00	33.52 2.05 0.00	29.48 1.72 0.00	24.58 1.52 -0.01	22.69 1.52 -0.01	16.07 0.92 0.00	15.10 1.00 0.00	13.69 0.94 0.00	13.16 1.23 -0.01	14.27 1.38 0.00	16.82 1.40 0.00	26.29 2.08 -0.01	44.62 3.16 -5.53	53.46 3.82 -0.01	58.13 4.25 -0.01	50.73 3.39 -6.95	33.10 2.65 -0.37	28.90 2.37 -1.07
EAST RIVER___6 23660	37.25 2.24 0.00	37.13 2.13 0.00	33.99 2.02 0.00	33.00 1.99 0.00	32.67 1.88 0.00	35.76 2.09 0.00	38.74 2.05 0.00	33.59 2.11 0.00	30.09 2.33 0.00	25.20 2.14 -0.01	23.22 2.05 -0.01	16.30 1.15 0.00	15.30 1.20 0.00	13.82 1.07 0.00	13.00 1.07 0.00	14.09 1.20 0.00	16.82 1.40 0.00	26.34 2.13 0.00	39.40 2.98 -0.49	55.60 3.62 -2.35	60.45 4.04 -2.54	46.44 3.11 -2.93	33.01 2.32 -0.61	28.61 2.01 -1.14
EAST RIVER___7 23524	37.25 2.24 0.00	37.13 2.13 0.00	33.99 2.02 0.00	33.00 1.99 0.00	32.67 1.88 0.00	35.76 2.09 0.00	38.74 2.05 0.00	33.59 2.11 0.00	30.09 2.33 0.00	25.20 2.14 -0.01	23.22 2.05 -0.01	16.30 1.15 0.00	15.30 1.20 0.00	13.82 1.07 0.00	13.00 1.07 0.00	14.09 1.20 0.00	16.82 1.40 0.00	26.34 2.13 0.00	39.40 2.98 -0.49	55.60 3.62 -2.35	60.45 4.04 -2.54	46.44 3.11 -2.93	33.01 2.32 -0.61	28.61 2.01 -1.14
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	37.04 2.03 0.00	36.95 1.96 0.00	33.83 1.85 0.00	32.87 1.86 0.00	32.55 1.76 0.00	35.62 1.95 0.00	38.60 1.91 0.00	33.37 1.89 0.00	29.81 2.05 0.00	24.87 1.82 0.00	22.91 1.76 0.00	16.16 1.01 0.00	15.14 1.04 0.00	13.68 0.93 0.00	12.86 0.94 0.00	13.94 1.04 0.00	16.63 1.22 0.00	26.09 1.89 0.00	38.62 2.69 0.00	52.90 3.28 0.00	57.58 3.72 0.00	44.19 2.87 -0.94	32.61 2.17 -0.36	28.38 1.86 -1.06
EAST_HAMPTON___DIESEL 23722	50.52 3.19 -12.33	46.81 2.55 -9.26	46.36 1.95 -12.43	33.18 2.17 0.00	32.73 1.94 0.00	35.79 2.12 0.00	38.89 2.20 0.00	33.46 1.98 0.00	29.42 1.67 0.00	24.53 1.48 -0.01	22.67 1.50 -0.01	16.04 0.89 0.00	15.07 0.97 0.00	13.68 0.93 0.00	13.15 1.22 -0.01	14.27 1.38 0.00	16.80 1.39 0.00	26.25 2.03 -0.01	44.55 3.09 -5.53	53.36 3.72 -0.01	58.02 4.15 -0.01	50.65 3.31 -6.95	33.07 2.62 -0.37	28.87 2.34 -1.07
EAST_POINT___SOLAR 323840	37.25 2.24 0.00	37.34 2.34 0.00	34.06 2.08 0.00	33.00 1.99 0.00	32.77 1.97 0.00	35.89 2.22 0.00	38.81 2.13 0.00	32.05 0.57 0.00	27.51 -0.25 0.00	22.52 -0.53 0.00	20.61 -0.55 0.00	14.74 -0.41 0.00	13.84 -0.25 0.00	12.55 -0.20 0.00	11.78 -0.14 0.00	12.78 -0.12 0.00	15.36 -0.06 0.00	24.45 0.24 0.00	37.26 1.33 0.00	52.90 3.27 0.00	57.75 3.88 0.00	44.23 2.99 -0.85	32.67 2.26 -0.33	28.54 1.73 -1.35
EAST_PULASKI___ESR 323781	34.48 -0.52 0.00	34.61 -0.38 0.00	31.56 -0.42 0.00	30.61 -0.40 0.00	30.43 -0.37 0.00	33.27 -0.40 0.00	36.28 -0.40 0.00	31.01 -0.47 0.00	27.23 -0.53 0.00	22.55 -0.51 0.00	20.71 -0.45 0.00	14.89 -0.26 0.00	13.86 -0.24 0.00	12.56 -0.19 0.00	11.72 -0.20 0.00	12.65 -0.25 0.00	15.09 -0.32 0.00	23.74 -0.46 0.00	35.39 -0.54 0.00	49.08 -0.54 0.00	53.38 -0.49 0.00	39.22 -0.36 0.81	29.50 -0.27 0.31	25.26 -0.28 -0.09
EAST_RIVER___1 323558	37.14 2.14 0.00	37.05 2.06 0.00	33.93 1.95 0.00	32.94 1.92 0.00	32.61 1.82 0.00	35.69 2.02 0.00	38.67 1.98 0.00	33.52 2.05 0.00	30.00 2.25 0.00	25.13 2.08 -0.01	23.15 1.99 -0.01	16.25 1.11 0.00	15.25 1.16 0.00	13.78 1.03 0.00	12.95 1.03 0.00	14.04 1.15 0.00	16.76 1.34 0.00	26.26 2.06 0.00	39.26 2.84 -0.49	55.40 3.42 -2.35	60.24 3.83 -2.54	46.31 2.99 -2.93	32.95 2.26 -0.61	28.53 1.93 -1.14
EAST_RIVER___2 323559	37.25 2.24 0.00	37.13 2.13 0.00	33.99 2.02 0.00	33.00 1.99 0.00	32.67 1.88 0.00	35.76 2.09 0.00	38.74 2.05 0.00	33.59 2.11 0.00	30.09 2.33 0.00	25.20 2.14 -0.01	23.22 2.05 -0.01	16.30 1.15 0.00	15.30 1.20 0.00	13.82 1.07 0.00	13.00 1.07 0.00	14.09 1.20 0.00	16.82 1.40 0.00	26.34 2.13 0.00	39.40 2.98 -0.49	55.60 3.62 -2.35	60.45 4.04 -2.54	46.44 3.11 -2.93	33.01 2.32 -0.61	28.61 2.01 -1.14
EAST___DELAWARE_HYD 23607	37.14 2.14 0.00	37.09 2.10 0.00	33.90 1.92 0.00	32.94 1.92 0.00	32.61 1.82 0.00	35.73 2.05 0.00	38.70 2.02 0.00	33.34 1.86 0.00	29.54 1.78 0.00	24.60 1.54 0.00	22.64 1.48 0.00	16.03 0.88 0.00	15.01 0.92 0.00	13.57 0.82 0.00	12.76 0.83 0.00	13.83 0.94 0.00	16.51 1.09 0.00	25.93 1.72 0.00	39.32 2.66 -0.73	54.49 3.52 -1.34	59.69 3.99 -1.83	44.62 3.11 -1.12	32.69 2.17 -0.44	28.74 1.88 -1.40
EIGHT_POINT___WT_PWR 323820	32.94 -2.03 0.03	33.59 -1.40 0.00	30.35 -1.63 0.00	29.34 -1.68 0.00	29.29 -1.51 0.00	31.94 -1.72 0.01	34.93 -1.76 0.00	29.84 -1.64 0.00	25.93 -1.80 0.02	21.29 -1.75 0.01	19.46 -1.67 0.03	13.98 -1.17 0.00	12.88 -1.21 0.00	11.67 -1.08 0.00	10.85 -1.04 0.03	11.71 -1.15 0.03	14.08 -1.31 0.03	22.44 -1.74 0.02	29.02 -2.26 4.64	32.45 -2.83 14.35	30.92 -3.29 19.66	32.01 -2.59 5.79	25.59 -2.23 2.26	19.61 -1.88 3.97
ELBRIDGE_115KV_TB2 80188	34.58 -0.42 0.00	34.75 -0.24 0.00	31.72 -0.26 0.00	30.73 -0.28 0.00	30.58 -0.22 0.00	33.43 -0.24 0.00	36.50 -0.18 0.00	31.23 -0.25 0.00	27.50 -0.25 0.00	22.82 -0.23 0.00	20.92 -0.23 0.00	15.04 -0.11 0.00	13.98 -0.11 0.00	12.69 -0.06 0.00	11.85 -0.07 0.00	12.81 -0.08 0.00	15.32 -0.09 0.00	24.06 -0.15 0.00	34.70 -0.25 0.97	47.50 -0.35 1.78	51.05 -0.38 2.44	38.66 -0.40 1.33	29.29 -0.27 0.52	24.79 -0.25 0.41
ELEC_TRO_TEK 24086	49.86 2.52 -12.33	46.74 2.48 -9.26	46.71 2.30 -12.43	33.31 2.29 0.00	32.95 2.16 0.00	36.03 2.36 0.00	39.07 2.38 0.00	33.68 2.20 0.00	29.92 2.17 0.00	24.94 1.89 0.00	23.00 1.84 -0.01	16.30 1.15 0.00	15.32 1.23 0.00	13.86 1.11 0.00	13.09 1.16 -0.02	14.17 1.28 0.00	16.83 1.42 0.00	26.49 2.28 -0.02	48.64 3.09 -9.62	53.42 3.77 -0.02	58.08 4.20 -0.02	55.02 3.23 -11.40	32.99 2.53 -0.38	28.78 2.24 -1.08
ELLENBURG_WT_PWR 323604	34.76 -0.24 0.00	34.50 -0.49 0.00	31.63 -0.35 0.00	30.61 -0.40 0.00	30.43 -0.37 0.00	33.23 -0.44 0.00	36.32 -0.37 0.00	31.13 -0.35 0.00	27.34 -0.42 0.00	22.66 -0.39 0.00	20.80 -0.36 0.00	14.88 -0.27 0.00	13.80 -0.30 0.00	12.45 -0.31 0.00	11.59 -0.33 0.00	12.52 -0.37 0.00	14.97 -0.45 0.00	23.50 -0.70 0.00	35.06 -0.86 0.00	48.74 -0.89 0.00	52.84 -1.03 0.00	39.62 -0.77 0.00	29.39 -0.69 0.00	24.77 -0.69 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	31.38 -3.61 0.02	32.54 -2.45 0.00	29.36 -2.62 0.00	28.38 -2.64 0.00	28.27 -2.53 0.00	30.80 -2.86 0.01	33.64 -3.05 0.00	29.09 -2.39 0.00	25.58 -2.17 0.02	21.25 -1.80 0.01	19.32 -1.82 0.02	14.03 -1.12 0.00	13.01 -1.09 0.00	11.73 -1.02 0.00	10.92 -0.98 0.02	11.75 -1.12 0.02	13.98 -1.42 0.02	21.82 -2.37 0.02	25.77 -3.52 6.64	34.81 -4.91 9.91	34.81 -5.49 13.57	32.88 -3.92 3.59	25.83 -2.83 1.42	20.65 -2.24 2.57
EMPIRE_CC_1 323656	36.41 1.40 0.00	36.39 1.40 0.00	33.29 1.31 0.00	32.32 1.30 0.00	32.03 1.23 0.00	35.05 1.38 0.00	38.05 1.36 0.00	32.71 1.23 0.00	28.90 1.14 0.00	24.02 0.97 0.00	22.11 0.95 0.00	15.74 0.59 0.00	14.66 0.56 0.00	13.26 0.51 0.00	12.42 0.50 0.00	13.45 0.55 0.00	16.11 0.69 0.00	25.29 1.09 0.00	37.55 1.62 0.00	51.81 2.18 0.00	56.18 2.31 0.00	42.99 1.90 -0.70	31.77 1.41 -0.27	27.91 1.27 -1.18
EMPIRE_CC_2 323658	36.41 1.40 0.00	36.39 1.40 0.00	33.29 1.31 0.00	32.32 1.30 0.00	32.03 1.23 0.00	35.05 1.38 0.00	38.05 1.36 0.00	32.71 1.23 0.00	28.90 1.14 0.00	24.02 0.97 0.00	22.11 0.95 0.00	15.74 0.59 0.00	14.66 0.56 0.00	13.26 0.51 0.00	12.42 0.50 0.00	13.45 0.55 0.00	16.11 0.69 0.00	25.29 1.09 0.00	37.55 1.62 0.00	51.81 2.18 0.00	56.18 2.31 0.00	42.99 1.90 -0.70	31.77 1.41 -0.27	27.91 1.27 -1.18
ENORWICH_115KV_TB1 80156	36.83 1.82 0.00	36.91 1.92 0.00	33.64 1.66 0.00	32.56 1.55 0.00	32.39 1.60 0.00	35.53 1.85 0.00	39.07 2.38 0.00	33.31 1.83 0.00	28.90 1.14 0.00	23.65 0.60 0.00	21.63 0.47 -0.01	15.51 0.36 0.00	14.41 0.31 0.00	13.07 0.32 0.00	12.22 0.30 -0.01	13.26 0.36 -0.01	15.88 0.46 -0.01	25.20 0.99 0.00	39.05 1.94 -1.18	54.79 3.28 -1.89	60.01 3.56 -2.59	44.30 2.75 -1.16	32.40 1.87 -0.45	27.94 1.48 -1.01
ERIE_ST__34_KV_TB1-2 80199	32.08 -2.91 0.02	32.51 -2.48 0.00	29.36 -2.62 0.00	28.35 -2.67 0.00	28.27 -2.53 0.00	30.77 -2.90 0.01	33.61 -3.08 0.00	29.15 -2.33 0.00	25.60 -2.14 0.02	21.22 -1.82 0.01	19.59 -1.54 0.02	14.00 -1.15 0.00	12.98 -1.11 0.00	11.71 -1.05 0.00	10.96 -0.94 0.02	11.88 -0.99 0.02	14.16 -1.23 0.02	22.42 -1.77 0.02	26.74 -2.48 6.71	35.76 -3.47 10.39	35.65 -3.99 14.23	33.92 -2.71 3.77	26.67 -1.93 1.48	21.27 -1.48 2.71
ERIE_WT_PWR 323693	31.62 -3.36 0.02	32.65 -2.34 0.00	29.45 -2.53 0.00	28.47 -2.54 0.00	28.36 -2.43 0.00	30.90 -2.76 0.01	33.75 -2.94 0.00	29.24 -2.23 0.00	25.77 -1.97 0.02	21.27 -1.77 0.01	19.36 -1.78 0.02	14.03 -1.12 0.00	13.01 -1.09 0.00	11.73 -1.02 0.00	10.92 -0.98 0.02	11.77 -1.10 0.02	14.01 -1.39 0.02	21.94 -2.25 0.02	25.88 -3.30 6.75	34.83 -4.56 10.23	34.68 -5.17 14.01	32.96 -3.72 3.72	25.97 -2.65 1.47	20.76 -2.04 2.66
ESPRGFLD_115KV_TB1 80157	36.55 1.54 0.00	36.60 1.61 0.00	33.39 1.41 0.00	32.38 1.36 0.00	32.15 1.35 0.00	35.22 1.55 0.00	38.96 2.27 0.00	32.96 1.48 0.00	28.57 0.80 0.00	23.42 0.37 0.00	21.46 0.30 -0.01	15.41 0.26 0.00	14.38 0.28 0.00	13.04 0.29 0.00	12.23 0.30 -0.01	13.23 0.34 -0.01	15.84 0.42 -0.01	25.06 0.85 0.00	38.36 1.47 -0.96	53.92 2.53 -1.76	59.14 2.86 -2.41	43.97 2.22 -1.36	32.24 1.62 -0.53	27.35 1.27 -0.62
ETNA_115_KV_TB1_REV_LBMP_C 345029	35.45 0.46 0.01	35.62 0.63 0.00	32.46 0.48 0.00	31.48 0.47 0.00	31.32 0.52 0.00	34.28 0.61 0.00	37.42 0.73 0.00	31.98 0.50 0.00	28.06 0.31 0.01	23.21 0.16 0.00	21.26 0.11 0.01	15.25 0.11 0.00	14.17 0.07 0.00	12.85 0.10 0.00	12.00 0.08 0.01	13.00 0.12 0.01	15.56 0.15 0.01	24.59 0.39 0.01	35.08 0.72 1.57	47.40 1.14 3.37	50.44 1.19 4.61	38.79 0.89 2.49	29.71 0.60 0.97	25.19 0.46 0.72
ETNA____115KV_TB2 80207	35.45 0.46 0.01	35.62 0.63 0.00	32.46 0.48 0.00	31.48 0.47 0.00	31.32 0.52 0.00	34.28 0.61 0.00	37.42 0.73 0.00	31.98 0.50 0.00	28.06 0.31 0.01	23.21 0.16 0.00	21.26 0.11 0.01	15.25 0.11 0.00	14.17 0.07 0.00	12.85 0.10 0.00	12.00 0.08 0.01	13.00 0.12 0.01	15.56 0.15 0.01	24.59 0.39 0.01	35.08 0.72 1.57	47.40 1.14 3.37	50.44 1.19 4.61	38.79 0.89 2.49	29.71 0.60 0.97	25.19 0.46 0.72
EUCLID___115KV_TB2 356179	34.41 -0.60 0.00	34.57 -0.42 0.00	31.53 -0.45 0.00	30.58 -0.43 0.00	30.39 -0.40 0.00	33.27 -0.40 0.00	36.28 -0.40 0.00	31.07 -0.41 0.00	27.40 -0.36 0.00	22.73 -0.32 0.00	20.84 -0.32 0.00	15.00 -0.15 0.00	13.94 -0.16 0.00	12.65 -0.10 0.00	11.81 -0.11 0.00	12.76 -0.13 0.00	15.26 -0.15 0.00	23.94 -0.27 0.00	35.50 -0.43 0.00	48.98 -0.65 0.00	53.17 -0.70 0.00	38.82 -0.65 0.93	29.27 -0.45 0.36	25.17 -0.38 -0.10
E_CANADA_CAP_HY 24051	36.86 1.85 0.00	36.91 1.92 0.00	33.70 1.73 0.00	32.66 1.64 0.00	32.42 1.63 0.00	35.52 1.85 0.00	38.78 2.09 0.00	32.49 1.01 0.00	28.15 0.39 0.00	23.10 0.05 0.00	21.16 0.00 0.00	15.12 -0.03 0.00	14.14 0.04 0.00	12.80 0.05 0.00	12.01 0.08 0.00	13.02 0.13 0.00	15.65 0.23 0.00	24.81 0.61 0.00	38.04 1.44 -0.67	53.63 2.78 -1.23	58.73 3.18 -1.68	43.83 2.46 -0.98	32.36 1.90 -0.38	28.71 1.48 -1.78
E_CANADA_MHWK_HY 24050	35.60 0.59 0.00	35.44 0.45 0.00	32.39 0.41 0.00	31.39 0.37 0.00	31.13 0.34 0.00	34.01 0.34 0.00	37.05 0.37 0.00	31.73 0.25 0.00	27.90 0.14 0.00	23.03 -0.02 0.00	21.03 -0.13 0.00	15.00 -0.15 0.00	13.90 -0.20 0.00	12.50 -0.25 0.00	11.65 -0.27 0.00	12.56 -0.34 0.00	15.00 -0.42 0.00	23.62 -0.58 0.00	35.42 -0.50 0.00	49.63 0.00 0.00	54.30 0.43 0.00	40.96 0.57 0.00	30.44 0.36 0.00	25.76 0.31 0.00
E_FISHKILL___LBMP 23776	36.79 1.79 0.00	36.71 1.71 0.00	33.61 1.63 0.00	32.63 1.61 0.00	32.33 1.54 0.00	35.39 1.72 0.00	38.34 1.65 0.00	33.12 1.64 0.00	29.51 1.75 0.00	24.62 1.57 0.00	22.66 1.50 0.00	16.03 0.88 0.00	15.00 0.90 0.00	13.55 0.80 0.00	12.73 0.81 0.00	13.79 0.90 0.00	16.48 1.06 0.00	25.85 1.65 0.00	38.26 2.34 0.00	52.51 2.88 0.00	57.10 3.23 0.00	43.83 2.54 -0.90	32.33 1.90 -0.35	28.19 1.65 -1.08
FALCON___SEABRD_CC1 323796	35.01 0.00 0.00	34.78 -0.21 0.00	31.88 -0.10 0.00	30.86 -0.15 0.00	30.67 -0.12 0.00	33.47 -0.20 0.00	36.65 -0.04 0.00	31.39 -0.09 0.00	27.53 -0.22 0.00	22.82 -0.23 0.00	20.97 -0.19 0.00	15.00 -0.15 0.00	13.90 -0.20 0.00	12.55 -0.20 0.00	11.68 -0.24 0.00	12.61 -0.28 0.00	15.08 -0.34 0.00	23.69 -0.51 0.00	35.35 -0.58 0.00	49.18 -0.45 0.00	53.38 -0.49 0.00	39.99 -0.40 0.00	29.63 -0.45 0.00	24.97 -0.48 0.00
FALCON___SEABRD_CC2 323797	35.01 0.00 0.00	34.78 -0.21 0.00	31.88 -0.10 0.00	30.86 -0.15 0.00	30.67 -0.12 0.00	33.47 -0.20 0.00	36.65 -0.04 0.00	31.39 -0.09 0.00	27.53 -0.22 0.00	22.82 -0.23 0.00	20.97 -0.19 0.00	15.00 -0.15 0.00	13.90 -0.20 0.00	12.55 -0.20 0.00	11.68 -0.24 0.00	12.61 -0.28 0.00	15.08 -0.34 0.00	23.69 -0.51 0.00	35.35 -0.58 0.00	49.18 -0.45 0.00	53.38 -0.49 0.00	39.99 -0.40 0.00	29.63 -0.45 0.00	24.97 -0.48 0.00

FAR ROCKAWAY___4 23548	50.24 2.91 -12.33	47.12 2.87 -9.26	47.06 2.65 -12.43	33.68 2.67 0.00	33.29 2.49 0.00	36.40 2.73 0.00	39.48 2.79 0.00	34.03 2.55 0.00	30.20 2.44 0.00	25.17 2.12 0.00	23.22 2.05 -0.01	16.45 1.30 0.00	15.46 1.37 0.00	14.00 1.25 0.00	13.21 1.28 -0.02	14.30 1.41 0.00	16.99 1.57 0.00	26.74 2.52 -0.02	49.36 3.48 -9.95	54.01 4.37 -0.02	58.73 4.85 -0.02	55.86 3.72 -11.75	33.32 2.86 -0.38	29.08 2.55 -1.08
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	37.18 2.17 0.00	37.05 2.06 0.00	33.93 1.95 0.00	32.94 1.92 0.00	32.61 1.82 0.00	35.69 2.02 0.00	38.67 1.98 0.00	33.53 2.05 0.00	30.09 2.33 0.00	25.13 2.07 0.00	23.17 2.01 -0.01	16.27 1.12 0.00	15.25 1.16 0.00	13.78 1.03 0.00	12.96 1.04 0.00	14.05 1.16 0.00	16.76 1.34 0.00	26.26 2.06 0.00	38.77 2.84 0.00	53.10 3.47 0.00	57.80 3.93 0.00	44.31 2.99 -0.93	32.73 2.29 -0.36	28.51 1.99 -1.06
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	37.18 2.17 0.00	37.05 2.06 0.00	33.93 1.95 0.00	32.94 1.92 0.00	32.64 1.85 0.00	35.69 2.02 0.00	38.67 1.98 0.00	33.53 2.05 0.00	30.09 2.33 0.00	25.13 2.07 0.00	23.17 2.01 -0.01	16.25 1.11 0.00	15.25 1.16 0.00	13.78 1.03 0.00	12.96 1.04 0.00	14.05 1.16 0.00	16.76 1.34 0.00	26.26 2.06 0.00	38.77 2.84 0.00	53.10 3.47 0.00	57.80 3.93 0.00	44.31 2.99 -0.93	32.73 2.29 -0.36	28.51 1.99 -1.06
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	37.14 2.14 0.00	37.05 2.06 0.00	33.93 1.95 0.00	32.94 1.92 0.00	32.61 1.82 0.00	35.69 2.02 0.00	38.67 1.98 0.00	33.53 2.05 0.00	30.06 2.30 0.00	25.13 2.07 0.00	23.15 1.99 -0.01	16.25 1.11 0.00	15.25 1.16 0.00	13.78 1.03 0.00	12.95 1.03 0.00	14.04 1.15 0.00	16.76 1.34 0.00	26.26 2.06 0.00	38.77 2.84 0.00	53.10 3.47 0.00	57.75 3.88 0.00	44.27 2.95 -0.93	32.70 2.26 -0.36	28.51 1.99 -1.06
FARRAGUT___LBMP 323566	37.14 2.14 0.00	37.02 2.03 0.00	33.90 1.92 0.00	32.91 1.89 0.00	32.61 1.82 0.00	35.66 1.99 0.00	38.63 1.94 0.00	33.49 2.01 0.00	30.03 2.28 0.00	25.10 2.05 0.00	23.15 1.99 -0.01	16.24 1.09 0.00	15.24 1.14 0.00	13.77 1.02 0.00	12.93 1.01 0.00	14.04 1.15 0.00	16.74 1.33 0.00	26.24 2.03 0.00	38.73 2.80 0.00	53.05 3.42 0.00	57.75 3.88 0.00	44.27 2.95 -0.93	32.70 2.26 -0.36	28.48 1.96 -1.06
FARRCKWY_69_KV_BK2 55825	50.24 2.91 -12.33	47.12 2.87 -9.26	47.06 2.65 -12.43	33.68 2.67 0.00	33.29 2.49 0.00	36.40 2.73 0.00	39.48 2.79 0.00	34.03 2.55 0.00	30.20 2.44 0.00	25.17 2.12 0.00	23.22 2.05 -0.01	16.45 1.30 0.00	15.46 1.37 0.00	14.00 1.25 0.00	13.21 1.28 -0.02	14.30 1.41 0.00	16.99 1.57 0.00	26.74 2.52 -0.02	49.36 3.48 -9.95	54.01 4.37 -0.02	58.73 4.85 -0.02	55.86 3.72 -11.75	33.32 2.86 -0.38	29.08 2.55 -1.08
FENNER___WINDPWR 24204	35.46 0.45 0.00	35.52 0.53 0.00	32.43 0.45 0.00	31.45 0.43 0.00	31.26 0.46 0.00	34.21 0.54 0.00	37.35 0.66 0.00	31.95 0.47 0.00	28.06 0.31 0.00	23.21 0.16 0.00	21.31 0.15 0.00	15.28 0.14 0.00	14.21 0.11 0.00	12.88 0.13 0.00	12.03 0.11 0.00	13.01 0.12 0.00	15.55 0.14 0.00	24.47 0.27 0.00	36.50 0.57 0.00	50.62 0.99 0.00	54.95 1.08 0.00	40.22 0.85 1.02	30.29 0.60 0.40	26.08 0.48 -0.14
FIBERTEK___ENERGY 23856	34.76 -0.25 0.00	34.92 -0.07 0.00	31.85 -0.13 0.00	30.89 -0.12 0.00	30.73 -0.06 0.00	33.60 -0.07 0.00	36.69 0.00 0.00	31.39 -0.09 0.00	27.64 -0.11 0.00	22.94 -0.12 0.00	21.03 -0.13 0.00	15.12 -0.03 0.00	14.07 -0.03 0.00	12.76 0.01 0.00	11.92 0.00 0.00	12.89 0.00 0.00	15.40 -0.02 0.00	24.20 0.00 0.00	35.07 -0.04 0.82	48.08 -0.05 1.50	51.71 -0.11 2.05	39.03 -0.16 1.20	29.50 -0.12 0.47	25.02 -0.10 0.33
FITZPATRICK___ 23598	33.96 -1.05 0.00	34.08 -0.91 0.00	31.12 -0.86 0.00	30.18 -0.84 0.00	29.99 -0.80 0.00	32.80 -0.88 0.00	35.81 -0.88 0.00	30.69 -0.79 0.00	27.04 -0.72 0.00	22.45 -0.60 0.00	20.54 -0.61 0.00	14.80 -0.35 0.00	13.77 -0.32 0.00	12.47 -0.28 0.00	11.65 -0.27 0.00	12.60 -0.30 0.00	15.05 -0.37 0.00	23.60 -0.60 0.00	34.96 -0.97 0.00	48.29 -1.34 0.00	52.36 -1.51 0.00	39.18 -1.21 0.00	29.24 -0.84 0.00	24.81 -0.71 -0.07
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	37.07 2.07 0.00	37.02 2.03 0.00	33.86 1.89 0.00	32.91 1.89 0.00	32.58 1.79 0.00	35.66 1.99 0.00	38.63 1.94 0.00	33.31 1.83 0.00	29.62 1.86 0.00	24.64 1.59 0.00	22.68 1.52 0.00	16.06 0.91 0.00	15.04 0.94 0.00	13.58 0.83 0.00	12.78 0.86 0.00	13.85 0.95 0.00	16.54 1.13 0.00	25.97 1.77 0.00	38.59 2.66 0.00	53.05 3.42 0.00	57.75 3.88 0.00	44.30 2.99 -0.92	32.58 2.14 -0.36	28.36 1.83 -1.07
FORT ORANGE___ 23900	36.05 1.05 0.00	36.08 1.09 0.00	33.00 1.02 0.00	32.04 1.02 0.00	31.75 0.96 0.00	34.75 1.08 0.00	37.64 0.95 0.00	32.36 0.88 0.00	28.53 0.78 0.00	23.72 0.67 0.00	21.83 0.68 0.00	15.54 0.39 0.00	14.48 0.38 0.00	13.08 0.33 0.00	12.25 0.33 0.00	13.27 0.37 0.00	15.92 0.51 0.00	25.03 0.82 0.00	37.18 1.26 0.00	51.26 1.64 0.00	55.64 1.78 0.00	42.59 1.53 -0.67	31.49 1.14 -0.26	27.79 1.12 -1.21
FORT_DRUM_COGEN 23780	34.80 -0.21 0.00	34.75 -0.24 0.00	31.75 -0.22 0.00	30.73 -0.28 0.00	30.55 -0.25 0.00	33.50 -0.17 0.00	36.61 -0.07 0.00	31.20 -0.28 0.00	27.01 -0.75 0.00	22.18 -0.88 0.00	20.44 -0.72 0.00	14.63 -0.52 0.00	13.60 -0.49 0.00	12.32 -0.43 0.00	11.47 -0.45 0.00	12.38 -0.52 0.00	14.74 -0.68 0.00	23.31 -0.90 0.00	35.39 -0.54 0.00	49.68 0.05 0.00	54.14 0.27 0.00	40.71 0.32 0.00	30.29 0.21 0.00	25.57 0.05 -0.06
FOX_HILLS___ESR 323835	37.32 2.31 -0.01	37.24 2.24 -0.01	34.13 2.14 -0.01	33.13 2.11 -0.01	32.80 2.00 -0.01	35.83 2.16 0.00	38.67 1.98 0.00	33.46 1.98 0.00	29.98 2.22 0.00	25.13 2.08 -0.01	23.13 1.97 -0.01	16.25 1.11 0.00	15.27 1.17 0.00	13.78 1.03 0.00	12.96 1.04 0.00	14.06 1.17 0.00	16.79 1.37 0.00	26.33 2.13 0.00	38.84 2.91 0.00	53.05 3.42 0.00	57.64 3.77 0.00	44.44 3.11 -0.93	32.70 2.26 -0.36	28.67 2.14 -1.07
FPL_FAR_ROCK_GT1 24212	50.24 2.90 -12.33	47.13 2.87 -9.26	47.06 2.65 -12.43	33.68 2.67 0.00	33.29 2.49 0.00	36.40 2.73 0.00	39.47 2.79 0.00	34.00 2.52 0.00	30.12 2.36 0.00	25.18 2.12 -0.01	23.24 2.07 -0.01	16.45 1.30 0.00	15.46 1.37 0.00	14.00 1.25 0.00	13.21 1.28 -0.02	14.24 1.35 0.00	16.99 1.57 0.00	26.74 2.52 -0.02	49.36 3.48 -9.95	54.01 4.37 -0.02	58.73 4.85 -0.02	55.90 3.76 -11.75	33.36 2.89 -0.39	29.06 2.52 -1.08
FPL_FAR_ROCK_GT2 23815	50.24 2.90 -12.33	47.13 2.87 -9.26	47.06 2.65 -12.43	33.68 2.67 0.00	33.29 2.49 0.00	36.40 2.73 0.00	39.47 2.79 0.00	34.00 2.52 0.00	30.12 2.36 0.00	25.18 2.12 -0.01	23.24 2.07 -0.01	16.45 1.30 0.00	15.46 1.37 0.00	14.00 1.25 0.00	13.21 1.28 -0.02	14.24 1.35 0.00	16.99 1.57 0.00	26.74 2.52 -0.02	49.36 3.48 -9.95	54.01 4.37 -0.02	58.73 4.85 -0.02	55.90 3.76 -11.75	33.36 2.89 -0.39	29.06 2.52 -1.08

FRANKLIN_FALL_HYD 24054	34.80 -0.21 0.00	34.57 -0.42 0.00	31.69 -0.29 0.00	30.61 -0.40 0.00	30.42 -0.37 0.00	33.23 -0.44 0.00	36.43 -0.26 0.00	31.20 -0.28 0.00	27.26 -0.50 0.00	22.61 -0.44 0.00	20.82 -0.34 0.00	14.88 -0.27 0.00	13.79 -0.31 0.00	12.43 -0.32 0.00	11.58 -0.35 0.00	12.50 -0.39 0.00	14.94 -0.48 0.00	23.50 -0.70 0.00	35.14 -0.79 0.00	48.98 -0.65 0.00	53.22 -0.65 0.00	39.83 -0.57 0.00	29.51 -0.57 0.00	24.87 -0.59 0.00
FREEPORT_EQUS_GT1 23764	50.10 2.76 -12.33	46.99 2.73 -9.26	46.93 2.53 -12.43	33.56 2.54 0.00	33.20 2.40 0.00	36.30 2.63 0.00	39.36 2.68 0.00	33.90 2.42 0.00	30.03 2.28 0.00	25.09 2.03 -0.01	23.15 1.99 -0.01	16.41 1.26 0.00	15.41 1.31 0.00	13.95 1.20 0.00	13.17 1.24 -0.01	14.21 1.32 0.00	16.96 1.54 0.00	26.71 2.49 -0.01	46.74 3.48 -7.32	53.91 4.27 -0.01	58.62 4.74 -0.01	53.00 3.71 -8.90	33.29 2.83 -0.38	29.00 2.47 -1.08
FREEPORT___CT2 23818	50.10 2.76 -12.33	46.99 2.73 -9.26	46.93 2.53 -12.43	33.56 2.54 0.00	33.20 2.40 0.00	36.30 2.63 0.00	39.36 2.68 0.00	33.90 2.42 0.00	30.03 2.28 0.00	25.09 2.03 -0.01	23.15 1.99 -0.01	16.41 1.26 0.00	15.41 1.31 0.00	13.95 1.20 0.00	13.17 1.24 -0.01	14.21 1.32 0.00	16.96 1.54 0.00	26.71 2.49 -0.01	46.74 3.48 -7.32	53.91 4.27 -0.01	58.62 4.74 -0.01	53.00 3.71 -8.90	33.29 2.83 -0.38	29.00 2.47 -1.08
FRESHKLS_33_KV_LOAD 356253	37.43 2.41 -0.01	37.34 2.34 -0.01	34.26 2.27 -0.01	33.26 2.23 -0.01	32.92 2.12 -0.01	35.93 2.26 0.00	38.78 2.09 0.00	33.56 2.08 0.00	30.06 2.30 0.00	25.18 2.12 -0.01	23.18 2.01 -0.01	16.27 1.12 0.00	15.29 1.20 0.00	13.81 1.06 0.00	12.98 1.06 0.00	14.09 1.20 0.00	16.83 1.42 0.00	26.38 2.18 0.00	38.95 3.02 0.00	53.20 3.58 0.00	57.85 3.99 0.00	44.60 3.27 -0.93	32.82 2.38 -0.36	28.77 2.24 -1.07
FULTON COGEN____ 23766	34.17 -0.84 0.00	34.29 -0.70 0.00	31.31 -0.67 0.00	30.36 -0.65 0.00	30.18 -0.62 0.00	33.03 -0.64 0.00	36.03 -0.66 0.00	30.85 -0.63 0.00	27.17 -0.58 0.00	22.55 -0.51 0.00	20.67 -0.49 0.00	14.88 -0.27 0.00	13.84 -0.25 0.00	12.55 -0.20 0.00	11.72 -0.20 0.00	12.66 -0.23 0.00	15.14 -0.28 0.00	23.77 -0.44 0.00	35.24 -0.68 0.00	48.69 -0.94 0.00	52.79 -1.08 0.00	38.64 -0.89 0.87	29.11 -0.63 0.34	24.99 -0.56 -0.09
FULTON___LFGE 323630	36.96 1.96 0.00	37.02 2.03 0.00	33.77 1.79 0.00	32.75 1.74 0.00	32.52 1.72 0.00	35.59 1.92 0.00	38.70 2.02 0.00	32.49 1.01 0.00	28.12 0.36 0.00	23.10 0.05 0.00	21.16 0.00 0.00	15.10 -0.05 0.00	14.10 0.00 0.00	12.76 0.01 0.00	11.98 0.06 0.00	13.01 0.12 0.00	15.65 0.23 0.00	24.83 0.63 0.00	37.47 1.54 0.00	52.61 2.98 0.00	57.21 3.34 0.00	43.79 2.59 -0.81	32.35 1.95 -0.32	28.29 1.50 -1.34
G.F.CEMENT___DRP 24184	37.18 2.17 0.00	37.23 2.24 0.00	33.99 2.01 0.00	32.97 1.95 0.00	32.73 1.94 0.00	35.79 2.12 0.00	38.93 2.24 0.00	33.21 1.73 0.00	29.17 1.42 0.00	24.16 1.11 0.00	22.13 0.97 0.00	15.77 0.62 0.00	14.67 0.58 0.00	13.25 0.50 0.00	12.41 0.49 0.00	13.39 0.50 0.00	16.16 0.74 0.00	25.44 1.23 0.00	37.94 2.01 0.00	52.75 3.13 0.00	57.21 3.34 0.00	43.22 2.83 0.00	32.16 2.08 0.00	28.41 1.71 -1.25
GARDENVILLE___LBMP 24039	31.55 -3.43 0.02	32.61 -2.38 0.00	29.42 -2.56 0.00	28.44 -2.57 0.00	28.33 -2.46 0.00	30.83 -2.83 0.01	33.72 -2.97 0.00	29.15 -2.33 0.00	25.60 -2.14 0.02	21.25 -1.80 0.01	19.36 -1.78 0.02	14.03 -1.12 0.00	13.01 -1.09 0.00	11.72 -1.03 0.00	10.91 -0.99 0.02	11.76 -1.11 0.02	13.99 -1.40 0.02	21.89 -2.30 0.02	25.69 -3.34 6.90	34.80 -4.62 10.21	34.66 -5.23 13.98	33.00 -3.68 3.71	25.94 -2.68 1.47	20.69 -2.11 2.66
GARDNVLA_35_KV_LD 355827	31.66 -3.33 0.02	32.68 -2.31 0.00	29.48 -2.49 0.00	28.50 -2.51 0.00	28.39 -2.40 0.00	30.90 -2.76 0.01	33.79 -2.90 0.00	29.21 -2.27 0.00	25.68 -2.05 0.02	21.29 -1.75 0.01	19.42 -1.71 0.02	14.06 -1.09 0.00	13.04 -1.06 0.00	11.74 -1.01 0.00	10.95 -0.95 0.02	11.79 -1.08 0.02	14.04 -1.36 0.02	21.98 -2.20 0.02	25.97 -3.27 6.69	34.87 -4.52 10.24	34.72 -5.12 14.03	33.07 -3.59 3.72	26.00 -2.62 1.47	20.75 -2.04 2.66
GELCKHM___115KV_LOAD 80723	34.51 -0.49 0.00	34.68 -0.31 0.00	31.66 -0.32 0.00	30.70 -0.31 0.00	30.52 -0.28 0.00	33.40 -0.27 0.00	36.43 -0.26 0.00	31.20 -0.28 0.00	27.48 -0.28 0.00	22.80 -0.25 0.00	20.90 -0.25 0.00	15.04 -0.11 0.00	13.98 -0.11 0.00	12.69 -0.06 0.00	11.85 -0.07 0.00	12.80 -0.09 0.00	15.31 -0.11 0.00	24.03 -0.17 0.00	34.98 -0.29 0.66	47.97 -0.45 1.21	51.72 -0.48 1.66	38.91 -0.44 1.04	29.35 -0.33 0.40	24.92 -0.28 0.26
GENERAL___MILLS 23808	31.62 -3.36 0.02	32.65 -2.34 0.00	29.45 -2.53 0.00	28.47 -2.54 0.00	28.36 -2.43 0.00	30.87 -2.79 0.01	33.72 -2.97 0.00	29.18 -2.30 0.00	25.63 -2.11 0.02	21.27 -1.78 0.01	19.40 -1.73 0.02	14.04 -1.11 0.00	13.01 -1.09 0.00	11.73 -1.02 0.00	10.92 -0.98 0.02	11.77 -1.10 0.02	14.02 -1.37 0.02	21.96 -2.23 0.02	25.91 -3.27 6.75	34.88 -4.52 10.23	34.74 -5.12 14.01	33.08 -3.59 3.72	26.00 -2.62 1.47	20.73 -2.06 2.66
GE_PLASTICS___DRP 24183	35.92 0.91 0.00	35.94 0.94 0.00	32.87 0.90 0.00	31.91 0.90 0.00	31.66 0.86 0.00	34.61 0.94 0.00	37.57 0.88 0.00	32.30 0.82 0.00	28.53 0.78 0.00	23.72 0.67 0.00	21.81 0.66 0.00	15.56 0.41 0.00	14.48 0.38 0.00	13.10 0.34 0.00	12.27 0.35 0.00	13.28 0.39 0.00	15.91 0.49 0.00	24.98 0.77 0.00	37.08 1.15 0.00	51.07 1.44 0.00	55.43 1.56 0.00	41.72 1.33 0.00	31.11 1.02 0.00	27.61 0.94 -1.21
GILBOA___1 23756	36.06 1.05 0.00	36.08 1.09 0.00	32.97 0.99 0.00	32.01 0.99 0.00	31.75 0.96 0.00	34.72 1.04 0.00	37.71 1.03 0.00	32.42 0.94 0.00	28.70 0.94 0.00	23.91 0.85 0.00	22.07 0.91 0.00	15.69 0.54 0.00	14.59 0.49 0.00	13.20 0.45 0.00	12.37 0.44 0.00	13.38 0.49 0.00	16.02 0.60 0.00	25.15 0.94 0.00	37.95 1.36 -0.66	52.58 1.74 -1.21	57.46 1.94 -1.66	43.00 1.53 -1.08	31.65 1.14 -0.42	27.83 1.02 -1.36
GILBOA___2 23757	36.06 1.05 0.00	36.08 1.09 0.00	32.97 0.99 0.00	32.01 0.99 0.00	31.75 0.96 0.00	34.72 1.04 0.00	37.71 1.03 0.00	32.42 0.94 0.00	28.70 0.94 0.00	23.91 0.85 0.00	22.07 0.91 0.00	15.69 0.54 0.00	14.59 0.49 0.00	13.20 0.45 0.00	12.37 0.44 0.00	13.38 0.49 0.00	16.02 0.60 0.00	25.15 0.94 0.00	37.95 1.36 -0.66	52.58 1.74 -1.21	57.46 1.94 -1.66	43.00 1.53 -1.08	31.65 1.14 -0.42	27.83 1.02 -1.36
GILBOA___3 23758	36.06 1.05 0.00	36.08 1.09 0.00	32.97 0.99 0.00	32.01 0.99 0.00	31.75 0.96 0.00	34.72 1.04 0.00	37.71 1.03 0.00	32.42 0.94 0.00	28.70 0.94 0.00	23.91 0.85 0.00	22.07 0.91 0.00	15.69 0.54 0.00	14.59 0.49 0.00	13.20 0.45 0.00	12.37 0.44 0.00	13.38 0.49 0.00	16.02 0.60 0.00	25.15 0.94 0.00	37.95 1.36 -0.66	52.58 1.74 -1.21	57.46 1.94 -1.66	43.00 1.53 -1.08	31.65 1.14 -0.42	27.83 1.02 -1.36

GILBOA___4 23759	36.06 1.05 0.00	36.08 1.09 0.00	32.97 0.99 0.00	32.01 0.99 0.00	31.75 0.96 0.00	34.72 1.04 0.00	37.71 1.03 0.00	32.42 0.94 0.00	28.70 0.94 0.00	23.91 0.85 0.00	22.07 0.91 0.00	15.69 0.54 0.00	14.59 0.49 0.00	13.20 0.45 0.00	12.37 0.44 0.00	13.38 0.49 0.00	16.02 0.60 0.00	25.15 0.94 0.00	37.95 1.36 -0.66	52.58 1.74 -1.21	57.46 1.94 -1.66	43.00 1.53 -1.08	31.65 1.14 -0.42	27.83 1.02 -1.36
GILBOA____ 23599	36.06 1.05 0.00	36.08 1.08 0.00	32.97 0.99 0.00	32.01 0.99 0.00	31.75 0.95 0.00	34.72 1.04 0.00	37.71 1.03 0.00	32.42 0.94 0.00	28.73 0.97 0.00	23.91 0.85 0.00	21.96 0.80 0.00	15.69 0.55 0.00	14.59 0.49 0.00	13.20 0.45 0.00	12.37 0.44 0.00	13.38 0.49 0.00	16.02 0.60 0.00	25.15 0.94 0.00	37.95 1.37 -0.66	52.58 1.74 -1.21	57.47 1.94 -1.66	43.00 1.53 -1.08	31.65 1.14 -0.42	27.83 1.02 -1.36
GINNA____ 23603	31.91 -3.08 0.01	32.54 -2.45 0.00	29.58 -2.40 0.00	28.72 -2.29 0.00	28.58 -2.22 0.00	31.21 -2.46 0.00	34.19 -2.50 0.00	29.28 -2.20 0.00	25.72 -2.03 0.01	21.30 -1.75 0.00	19.20 -1.95 0.01	14.10 -1.05 0.00	13.14 -0.96 0.00	11.88 -0.87 0.00	11.05 -0.86 0.01	11.91 -0.97 0.01	14.20 -1.20 0.01	22.19 -2.01 0.01	30.27 -3.05 2.61	40.64 -4.22 4.77	42.76 -4.58 6.53	34.14 -4.00 2.26	26.32 -2.89 0.88	21.71 -2.42 1.33
GLEN PARK____ 23778	34.94 -0.07 0.00	34.89 -0.10 0.00	31.88 -0.10 0.00	30.86 -0.15 0.00	30.70 -0.09 0.00	33.64 -0.03 0.00	36.76 0.07 0.00	31.20 -0.28 0.00	27.09 -0.67 0.00	22.22 -0.83 0.00	20.44 -0.72 0.00	14.66 -0.49 0.00	13.65 -0.45 0.00	12.34 -0.41 0.00	11.49 -0.43 0.00	12.41 -0.48 0.00	14.78 -0.63 0.00	23.38 -0.82 0.00	35.53 -0.39 0.00	49.93 0.30 0.00	54.41 0.54 0.00	40.96 0.57 0.00	30.44 0.36 0.00	25.67 0.15 -0.06
GLENDALE_27_KV_LOAD 356172	37.18 2.17 0.00	37.09 2.10 0.00	33.96 1.98 0.00	32.97 1.95 0.00	32.64 1.85 0.00	35.69 2.02 0.00	38.63 1.94 0.00	33.53 2.05 0.00	30.17 2.41 0.00	25.22 2.17 -0.01	23.22 2.05 0.00	16.30 1.15 0.00	15.30 1.20 0.00	13.82 1.07 0.00	12.99 1.07 0.00	14.09 1.20 0.00	16.82 1.40 0.00	26.36 2.15 0.00	38.80 2.87 0.00	53.15 3.52 0.00	57.80 3.93 0.00	44.31 2.99 -0.93	32.76 2.32 -0.36	28.61 2.09 -1.06
GLENWOOD_IC_1_G5 23712	49.86 2.52 -12.33	46.70 2.45 -9.26	46.71 2.30 -12.43	33.31 2.29 0.00	32.95 2.16 0.00	36.03 2.36 0.00	39.07 2.38 0.00	33.71 2.24 0.00	30.03 2.28 0.00	25.06 2.01 0.00	23.09 1.93 -0.01	16.33 1.18 0.00	15.32 1.23 0.00	13.87 1.12 0.00	13.07 1.13 -0.01	14.15 1.26 0.00	16.85 1.43 0.00	26.49 2.28 -0.01	47.96 3.16 -8.87	53.51 3.87 -0.01	58.25 4.36 -0.01	54.33 3.35 -10.59	33.02 2.56 -0.38	28.77 2.24 -1.08
GLENWOOD_IC_2_G1 23688	49.61 2.27 -12.33	46.50 2.24 -9.26	46.48 2.08 -12.43	33.09 2.08 0.00	32.77 1.97 0.00	35.83 2.16 0.00	38.85 2.16 0.00	33.56 2.08 0.00	29.87 2.11 0.00	24.97 1.91 -0.01	23.03 1.86 -0.01	16.25 1.11 0.00	15.24 1.14 0.00	13.78 1.03 0.00	12.97 1.05 0.00	14.04 1.15 0.00	16.76 1.34 0.00	26.31 2.10 0.00	39.24 2.91 -0.41	53.20 3.58 0.00	57.85 3.99 0.00	44.88 3.11 -1.38	32.82 2.38 -0.36	28.56 2.04 -1.06
GLENWOOD_IC_3_G1 23689	49.61 2.27 -12.33	46.50 2.24 -9.26	46.48 2.08 -12.43	33.09 2.08 0.00	32.77 1.97 0.00	35.83 2.16 0.00	38.85 2.16 0.00	33.56 2.08 0.00	29.87 2.11 0.00	24.97 1.91 -0.01	23.03 1.86 -0.01	16.25 1.11 0.00	15.24 1.14 0.00	13.78 1.03 0.00	12.97 1.05 0.00	14.04 1.15 0.00	16.76 1.34 0.00	26.31 2.10 0.00	39.24 2.91 -0.41	53.20 3.58 0.00	57.85 3.99 0.00	44.88 3.11 -1.38	32.82 2.38 -0.36	28.56 2.04 -1.06
GLENWOOD___4 23550	49.86 2.52 -12.33	46.70 2.45 -9.26	46.71 2.30 -12.43	33.31 2.29 0.00	32.95 2.16 0.00	36.03 2.36 0.00	39.07 2.38 0.00	33.71 2.24 0.00	30.03 2.28 0.00	25.06 2.01 0.00	23.09 1.93 -0.01	16.33 1.18 0.00	15.32 1.23 0.00	13.87 1.12 0.00	13.07 1.13 -0.01	14.15 1.26 0.00	16.85 1.43 0.00	26.49 2.28 -0.01	47.96 3.16 -8.87	53.51 3.87 -0.01	58.25 4.36 -0.01	54.33 3.35 -10.59	33.02 2.56 -0.38	28.77 2.24 -1.08
GLENWOOD___5 23614	49.86 2.52 -12.33	46.70 2.45 -9.26	46.71 2.30 -12.43	33.31 2.29 0.00	32.95 2.16 0.00	36.03 2.36 0.00	39.07 2.38 0.00	33.71 2.24 0.00	30.03 2.28 0.00	25.06 2.01 0.00	23.09 1.93 -0.01	16.33 1.18 0.00	15.32 1.23 0.00	13.87 1.12 0.00	13.07 1.13 -0.01	14.15 1.26 0.00	16.85 1.43 0.00	26.49 2.28 -0.01	47.96 3.16 -8.87	53.51 3.87 -0.01	58.25 4.36 -0.01	54.33 3.35 -10.59	33.02 2.56 -0.38	28.77 2.24 -1.08
GLOBAL GREEN_PORT_GT1 23814	50.59 3.26 -12.33	47.09 2.83 -9.26	46.68 2.27 -12.43	33.56 2.54 0.00	33.13 2.34 0.00	36.20 2.53 0.00	39.33 2.64 0.00	33.84 2.36 0.00	29.76 2.00 0.00	24.81 1.75 -0.01	22.92 1.76 -0.01	16.22 1.08 0.00	15.25 1.16 0.00	13.83 1.08 0.00	13.23 1.30 -0.01	14.33 1.44 0.00	16.96 1.54 0.00	26.59 2.37 -0.01	45.02 3.56 -5.53	54.01 4.37 -0.01	58.73 4.85 -0.01	51.18 3.84 -6.95	33.43 2.98 -0.37	29.13 2.60 -1.07
GLOBE___DSASP 323697	30.12 -4.87 0.02	31.67 -3.32 0.00	28.52 -3.45 0.00	27.60 -3.41 0.00	27.50 -3.29 0.00	29.96 -3.70 0.01	32.73 -3.96 0.00	28.31 -3.15 0.02	24.98 -2.75 0.03	20.92 -2.12 0.01	18.92 -2.22 0.02	13.89 -1.26 0.00	12.79 -1.31 0.00	11.55 -1.20 0.00	10.81 -1.10 0.02	11.58 -1.29 0.02	13.72 -1.68 0.02	21.07 -3.10 0.03	25.79 -4.24 5.90	34.44 -6.10 9.09	34.64 -6.79 12.44	32.20 -4.89 3.31	25.35 -3.43 1.30	20.40 -2.75 2.30
GOETHSLN___LBMP 323567	37.04 2.03 0.00	36.95 1.96 0.00	33.80 1.82 0.00	32.81 1.80 0.00	32.49 1.69 0.00	35.56 1.89 0.00	38.52 1.83 0.00	33.43 1.95 0.00	30.01 2.25 0.00	25.08 2.03 0.00	23.11 1.95 -0.01	16.22 1.08 0.00	15.22 1.13 0.00	13.76 1.01 0.00	12.92 1.00 0.00	14.01 1.12 0.00	16.73 1.31 0.00	26.19 1.98 0.00	38.66 2.73 0.00	52.95 3.33 0.00	57.64 3.77 0.00	44.15 2.83 -0.93	32.64 2.20 -0.36	28.43 1.91 -1.06
GOLAH___69_KV_TB 1_2 80279	32.86 -2.14 0.01	33.77 -1.22 0.00	30.63 -1.34 0.00	29.71 -1.30 0.00	29.59 -1.20 0.00	32.32 -1.35 0.00	35.37 -1.32 0.00	30.25 -1.23 0.00	26.58 -1.17 0.01	22.03 -1.01 0.00	19.96 -1.18 0.01	14.56 -0.59 0.00	13.53 -0.56 0.00	12.23 -0.52 0.00	11.36 -0.55 0.01	12.24 -0.64 0.01	14.59 -0.82 0.01	22.77 -1.43 0.01	30.76 -2.16 3.02	41.13 -2.98 5.52	43.07 -3.23 7.56	35.06 -2.87 2.46	27.11 -2.02 0.96	22.31 -1.63 1.52
GOODYEAR_LAKE_HYD 323669	36.34 1.33 -0.01	36.36 1.36 0.00	33.19 1.22 0.00	32.19 1.18 0.00	31.96 1.17 0.00	35.02 1.35 0.00	39.22 2.53 0.00	33.37 1.89 0.00	29.01 1.25 -0.01	23.79 0.74 0.00	21.84 0.68 -0.01	15.68 0.53 0.00	14.63 0.54 0.00	13.29 0.54 0.00	12.44 0.51 -0.01	13.46 0.55 -0.01	16.07 0.65 -0.01	25.35 1.14 -0.01	38.95 1.51 -1.52	54.64 2.23 -2.78	60.20 2.53 -3.80	44.44 1.98 -2.07	32.33 1.44 -0.81	27.86 1.17 -1.24

GOUDEY___115_KV_TB6_REV_LBMP_C 345031	35.24 0.21 -0.02	35.34 0.35 0.00	32.23 0.26 0.00	31.26 0.25 0.00	31.07 0.28 0.00	33.98 0.30 -0.01	37.05 0.37 0.00	31.79 0.31 0.00	28.03 0.25 -0.02	23.22 0.16 -0.01	21.35 0.17 -0.02	15.27 0.12 0.00	14.21 0.11 0.00	12.88 0.13 0.00	12.06 0.12 -0.02	13.06 0.14 -0.02	15.61 0.17 -0.02	24.54 0.31 -0.02	42.45 0.50 -6.02	61.29 0.65 -11.02	69.66 0.70 -15.09	47.98 0.57 -7.03	33.21 0.39 -2.74	29.51 0.33 -3.73
GOUDEY___7 23579	35.24 0.21 -0.02	35.34 0.35 0.00	32.23 0.26 0.00	31.26 0.25 0.00	31.07 0.28 0.00	33.98 0.30 -0.01	37.05 0.37 0.00	31.79 0.31 0.00	28.03 0.25 -0.02	23.22 0.16 -0.01	21.35 0.17 -0.02	15.27 0.12 0.00	14.21 0.11 0.00	12.88 0.13 0.00	12.06 0.12 -0.02	13.06 0.14 -0.02	15.61 0.17 -0.02	24.54 0.31 -0.02	42.45 0.50 -6.02	61.29 0.65 -11.02	69.66 0.70 -15.09	47.98 0.57 -7.03	33.21 0.39 -2.74	29.51 0.33 -3.73
GOUDEY___8 23580	35.24 0.21 -0.02	35.34 0.35 0.00	32.23 0.26 0.00	31.26 0.25 0.00	31.07 0.28 0.00	33.98 0.30 -0.01	37.05 0.37 0.00	31.79 0.31 0.00	28.03 0.25 -0.02	23.22 0.16 -0.01	21.35 0.17 -0.02	15.27 0.12 0.00	14.21 0.11 0.00	12.88 0.13 0.00	12.06 0.12 -0.02	13.06 0.14 -0.02	15.61 0.17 -0.02	24.54 0.31 -0.02	42.45 0.50 -6.02	61.29 0.65 -11.02	69.66 0.70 -15.09	47.98 0.57 -7.03	33.21 0.39 -2.74	29.51 0.33 -3.73
GOWANUS_GT1_1 24077	37.29 2.28 -0.01	37.17 2.17 -0.01	34.06 2.08 -0.01	33.07 2.05 -0.01	32.74 1.94 -0.01	35.76 2.09 0.00	38.63 1.94 0.00	33.49 2.01 0.00	30.09 2.33 0.00	25.15 2.10 0.00	23.15 1.99 -0.01	16.25 1.11 0.00	15.28 1.18 0.00	13.80 1.05 0.00	12.97 1.05 0.00	14.08 1.19 0.00	16.79 1.37 0.00	26.33 2.13 0.00	38.80 2.87 0.00	53.15 3.52 0.00	57.85 3.99 0.00	44.35 3.03 -0.93	32.82 2.38 -0.36	28.69 2.16 -1.07
GOWANUS_GT1_2 24078	37.29 2.28 -0.01	37.17 2.17 -0.01	34.06 2.08 -0.01	33.07 2.05 -0.01	32.74 1.94 -0.01	35.76 2.09 0.00	38.63 1.94 0.00	33.49 2.01 0.00	30.09 2.33 0.00	25.15 2.10 0.00	23.15 1.99 -0.01	16.25 1.11 0.00	15.28 1.18 0.00	13.80 1.05 0.00	12.97 1.05 0.00	14.08 1.19 0.00	16.79 1.37 0.00	26.33 2.13 0.00	38.80 2.87 0.00	53.15 3.52 0.00	57.85 3.99 0.00	44.35 3.03 -0.93	32.82 2.38 -0.36	28.69 2.16 -1.07
GOWANUS_GT1_3 24079	37.29 2.28 -0.01	37.17 2.17 -0.01	34.06 2.08 -0.01	33.07 2.05 -0.01	32.74 1.94 -0.01	35.76 2.09 0.00	38.63 1.94 0.00	33.49 2.01 0.00	30.09 2.33 0.00	25.15 2.10 0.00	23.15 1.99 -0.01	16.25 1.11 0.00	15.28 1.18 0.00	13.80 1.05 0.00	12.97 1.05 0.00	14.08 1.19 0.00	16.79 1.37 0.00	26.33 2.13 0.00	38.80 2.87 0.00	53.15 3.52 0.00	57.85 3.99 0.00	44.35 3.03 -0.93	32.82 2.38 -0.36	28.69 2.16 -1.07
GOWANUS_GT1_4 24080	37.29 2.28 -0.01	37.17 2.17 -0.01	34.06 2.08 -0.01	33.07 2.05 -0.01	32.74 1.94 -0.01	35.76 2.09 0.00	38.63 1.94 0.00	33.49 2.01 0.00	30.09 2.33 0.00	25.15 2.10 0.00	23.15 1.99 -0.01	16.25 1.11 0.00	15.28 1.18 0.00	13.80 1.05 0.00	12.97 1.05 0.00	14.08 1.19 0.00	16.79 1.37 0.00	26.33 2.13 0.00	38.80 2.87 0.00	53.15 3.52 0.00	57.85 3.99 0.00	44.35 3.03 -0.93	32.82 2.38 -0.36	28.69 2.16 -1.07
GOWANUS_GT1_5 24084	37.29 2.28 -0.01	37.17 2.17 -0.01	34.06 2.08 -0.01	33.07 2.05 -0.01	32.74 1.94 -0.01	35.76 2.09 0.00	38.63 1.94 0.00	33.49 2.01 0.00	30.09 2.33 0.00	25.15 2.10 0.00	23.15 1.99 -0.01	16.25 1.11 0.00	15.28 1.18 0.00	13.80 1.05 0.00	12.97 1.05 0.00	14.08 1.19 0.00	16.79 1.37 0.00	26.33 2.13 0.00	38.80 2.87 0.00	53.15 3.52 0.00	57.85 3.99 0.00	44.35 3.03 -0.93	32.82 2.38 -0.36	28.69 2.16 -1.07
GOWANUS_GT1_6 24111	37.29 2.28 -0.01	37.17 2.17 -0.01	34.06 2.08 -0.01	33.07 2.05 -0.01	32.74 1.94 -0.01	35.76 2.09 0.00	38.63 1.94 0.00	33.49 2.01 0.00	30.09 2.33 0.00	25.15 2.10 0.00	23.15 1.99 -0.01	16.25 1.11 0.00	15.28 1.18 0.00	13.80 1.05 0.00	12.97 1.05 0.00	14.08 1.19 0.00	16.79 1.37 0.00	26.33 2.13 0.00	38.80 2.87 0.00	53.15 3.52 0.00	57.85 3.99 0.00	44.35 3.03 -0.93	32.82 2.38 -0.36	28.69 2.16 -1.07
GOWANUS_GT1_7 24112	37.29 2.28 -0.01	37.17 2.17 -0.01	34.06 2.08 -0.01	33.07 2.05 -0.01	32.74 1.94 -0.01	35.76 2.09 0.00	38.63 1.94 0.00	33.49 2.01 0.00	30.09 2.33 0.00	25.15 2.10 0.00	23.15 1.99 -0.01	16.25 1.11 0.00	15.28 1.18 0.00	13.80 1.05 0.00	12.97 1.05 0.00	14.08 1.19 0.00	16.79 1.37 0.00	26.33 2.13 0.00	38.80 2.87 0.00	53.15 3.52 0.00	57.85 3.99 0.00	44.35 3.03 -0.93	32.82 2.38 -0.36	28.69 2.16 -1.07
GOWANUS_GT1_8 24113	37.29 2.28 -0.01	37.17 2.17 -0.01	34.06 2.08 -0.01	33.07 2.05 -0.01	32.74 1.94 -0.01	35.76 2.09 0.00	38.63 1.94 0.00	33.49 2.01 0.00	30.09 2.33 0.00	25.15 2.10 0.00	23.15 1.99 -0.01	16.25 1.11 0.00	15.28 1.18 0.00	13.80 1.05 0.00	12.97 1.05 0.00	14.08 1.19 0.00	16.79 1.37 0.00	26.33 2.13 0.00	38.80 2.87 0.00	53.15 3.52 0.00	57.85 3.99 0.00	44.35 3.03 -0.93	32.82 2.38 -0.36	28.69 2.16 -1.07
GOWANUS_GT2_1 24114	37.29 2.27 -0.01	37.17 2.17 -0.01	34.06 2.08 -0.01	33.07 2.05 -0.01	32.74 1.94 -0.01	35.76 2.09 0.00	38.63 1.94 0.00	33.46 1.98 0.00	30.00 2.25 0.00	25.16 2.10 -0.01	23.15 1.99 -0.01	16.25 1.11 0.00	15.28 1.18 0.00	13.80 1.05 0.00	12.97 1.05 0.00	14.06 1.17 0.00	16.79 1.37 0.00	26.33 2.13 0.00	38.80 2.88 0.00	53.00 3.38 0.00	57.64 3.77 0.00	44.39 3.07 -0.93	32.67 2.23 -0.36	28.64 2.11 -1.07
GOWANUS_GT2_2 24115	37.29 2.27 -0.01	37.17 2.17 -0.01	34.06 2.08 -0.01	33.07 2.05 -0.01	32.74 1.94 -0.01	35.76 2.09 0.00	38.63 1.94 0.00	33.46 1.98 0.00	30.00 2.25 0.00	25.16 2.10 -0.01	23.15 1.99 -0.01	16.25 1.11 0.00	15.28 1.18 0.00	13.80 1.05 0.00	12.97 1.05 0.00	14.06 1.17 0.00	16.79 1.37 0.00	26.33 2.13 0.00	38.80 2.88 0.00	53.00 3.38 0.00	57.64 3.77 0.00	44.39 3.07 -0.93	32.67 2.23 -0.36	28.64 2.11 -1.07
GOWANUS_GT2_3 24116	37.29 2.27 -0.01	37.17 2.17 -0.01	34.06 2.08 -0.01	33.07 2.05 -0.01	32.74 1.94 -0.01	35.76 2.09 0.00	38.63 1.94 0.00	33.46 1.98 0.00	30.00 2.25 0.00	25.16 2.10 -0.01	23.15 1.99 -0.01	16.25 1.11 0.00	15.28 1.18 0.00	13.80 1.05 0.00	12.97 1.05 0.00	14.06 1.17 0.00	16.79 1.37 0.00	26.33 2.13 0.00	38.80 2.88 0.00	53.00 3.38 0.00	57.64 3.77 0.00	44.39 3.07 -0.93	32.67 2.23 -0.36	28.64 2.11 -1.07
GOWANUS_GT2_4 24117	37.29 2.27 -0.01	37.17 2.17 -0.01	34.06 2.08 -0.01	33.07 2.05 -0.01	32.74 1.94 -0.01	35.76 2.09 0.00	38.63 1.94 0.00	33.46 1.98 0.00	30.00 2.25 0.00	25.16 2.10 -0.01	23.15 1.99 -0.01	16.25 1.11 0.00	15.28 1.18 0.00	13.80 1.05 0.00	12.97 1.05 0.00	14.06 1.17 0.00	16.79 1.37 0.00	26.33 2.13 0.00	38.80 2.88 0.00	53.00 3.38 0.00	57.64 3.77 0.00	44.39 3.07 -0.93	32.67 2.23 -0.36	28.64 2.11 -1.07

GOWANUS_GT2_5 24118	37.29 2.27 -0.01	37.17 2.17 -0.01	34.06 2.08 -0.01	33.07 2.05 -0.01	32.74 1.94 -0.01	35.76 2.09 0.00	38.63 1.94 0.00	33.46 1.98 0.00	30.00 2.25 0.00	25.16 2.10 -0.01	23.15 1.99 -0.01	16.25 1.11 0.00	15.28 1.18 0.00	13.80 1.05 0.00	12.97 1.05 0.00	14.06 1.17 0.00	16.79 1.37 0.00	26.33 2.13 0.00	38.80 2.88 0.00	53.00 3.38 0.00	57.64 3.77 0.00	44.39 3.07 -0.93	32.67 2.23 -0.36	28.64 2.11 -1.07
GOWANUS_GT2_6 24119	37.29 2.27 -0.01	37.17 2.17 -0.01	34.06 2.08 -0.01	33.07 2.05 -0.01	32.74 1.94 -0.01	35.76 2.09 0.00	38.63 1.94 0.00	33.46 1.98 0.00	30.00 2.25 0.00	25.16 2.10 -0.01	23.15 1.99 -0.01	16.25 1.11 0.00	15.28 1.18 0.00	13.80 1.05 0.00	12.97 1.05 0.00	14.06 1.17 0.00	16.79 1.37 0.00	26.33 2.13 0.00	38.80 2.88 0.00	53.00 3.38 0.00	57.64 3.77 0.00	44.39 3.07 -0.93	32.67 2.23 -0.36	28.64 2.11 -1.07
GOWANUS_GT2_7 24120	37.29 2.27 -0.01	37.17 2.17 -0.01	34.06 2.08 -0.01	33.07 2.05 -0.01	32.74 1.94 -0.01	35.76 2.09 0.00	38.63 1.94 0.00	33.46 1.98 0.00	30.00 2.25 0.00	25.16 2.10 -0.01	23.15 1.99 -0.01	16.25 1.11 0.00	15.28 1.18 0.00	13.80 1.05 0.00	12.97 1.05 0.00	14.06 1.17 0.00	16.79 1.37 0.00	26.33 2.13 0.00	38.80 2.88 0.00	53.00 3.38 0.00	57.64 3.77 0.00	44.39 3.07 -0.93	32.67 2.23 -0.36	28.64 2.11 -1.07
GOWANUS_GT2_8 24121	37.29 2.27 -0.01	37.17 2.17 -0.01	34.06 2.08 -0.01	33.07 2.05 -0.01	32.74 1.94 -0.01	35.76 2.09 0.00	38.63 1.94 0.00	33.46 1.98 0.00	30.00 2.25 0.00	25.16 2.10 -0.01	23.15 1.99 -0.01	16.25 1.11 0.00	15.28 1.18 0.00	13.80 1.05 0.00	12.97 1.05 0.00	14.06 1.17 0.00	16.79 1.37 0.00	26.33 2.13 0.00	38.80 2.88 0.00	53.00 3.38 0.00	57.64 3.77 0.00	44.39 3.07 -0.93	32.67 2.23 -0.36	28.64 2.11 -1.07
GOWANUS_GT3_1 24122	37.29 2.27 -0.01	37.17 2.17 -0.01	34.06 2.08 -0.01	33.07 2.05 -0.01	32.74 1.94 -0.01	35.76 2.09 0.00	38.63 1.94 0.00	33.46 1.98 0.00	30.00 2.25 0.00	25.16 2.10 -0.01	23.15 1.99 -0.01	16.25 1.11 0.00	15.28 1.18 0.00	13.80 1.05 0.00	12.97 1.05 0.00	14.06 1.17 0.00	16.79 1.37 0.00	26.33 2.13 0.00	38.80 2.88 0.00	53.00 3.38 0.00	57.64 3.77 0.00	44.39 3.07 -0.93	32.67 2.23 -0.36	28.64 2.11 -1.07
GOWANUS_GT3_2 24123	37.29 2.27 -0.01	37.17 2.17 -0.01	34.06 2.08 -0.01	33.07 2.05 -0.01	32.74 1.94 -0.01	35.76 2.09 0.00	38.63 1.94 0.00	33.46 1.98 0.00	30.00 2.25 0.00	25.16 2.10 -0.01	23.15 1.99 -0.01	16.25 1.11 0.00	15.28 1.18 0.00	13.80 1.05 0.00	12.97 1.05 0.00	14.06 1.17 0.00	16.79 1.37 0.00	26.33 2.13 0.00	38.80 2.88 0.00	53.00 3.38 0.00	57.64 3.77 0.00	44.39 3.07 -0.93	32.67 2.23 -0.36	28.64 2.11 -1.07
GOWANUS_GT3_3 24124	37.29 2.27 -0.01	37.17 2.17 -0.01	34.06 2.08 -0.01	33.07 2.05 -0.01	32.74 1.94 -0.01	35.76 2.09 0.00	38.63 1.94 0.00	33.46 1.98 0.00	30.00 2.25 0.00	25.16 2.10 -0.01	23.15 1.99 -0.01	16.25 1.11 0.00	15.28 1.18 0.00	13.80 1.05 0.00	12.97 1.05 0.00	14.06 1.17 0.00	16.79 1.37 0.00	26.33 2.13 0.00	38.80 2.88 0.00	53.00 3.38 0.00	57.64 3.77 0.00	44.39 3.07 -0.93	32.67 2.23 -0.36	28.64 2.11 -1.07
GOWANUS_GT3_4 24125	37.29 2.27 -0.01	37.17 2.17 -0.01	34.06 2.08 -0.01	33.07 2.05 -0.01	32.74 1.94 -0.01	35.76 2.09 0.00	38.63 1.94 0.00	33.46 1.98 0.00	30.00 2.25 0.00	25.16 2.10 -0.01	23.15 1.99 -0.01	16.25 1.11 0.00	15.28 1.18 0.00	13.80 1.05 0.00	12.97 1.05 0.00	14.06 1.17 0.00	16.79 1.37 0.00	26.33 2.13 0.00	38.80 2.88 0.00	53.00 3.38 0.00	57.64 3.77 0.00	44.39 3.07 -0.93	32.67 2.23 -0.36	28.64 2.11 -1.07
GOWANUS_GT3_5 24126	37.29 2.27 -0.01	37.17 2.17 -0.01	34.06 2.08 -0.01	33.07 2.05 -0.01	32.74 1.94 -0.01	35.76 2.09 0.00	38.63 1.94 0.00	33.46 1.98 0.00	30.00 2.25 0.00	25.16 2.10 -0.01	23.15 1.99 -0.01	16.25 1.11 0.00	15.28 1.18 0.00	13.80 1.05 0.00	12.97 1.05 0.00	14.06 1.17 0.00	16.79 1.37 0.00	26.33 2.13 0.00	38.80 2.88 0.00	53.00 3.38 0.00	57.64 3.77 0.00	44.39 3.07 -0.93	32.67 2.23 -0.36	28.64 2.11 -1.07
GOWANUS_GT3_6 24127	37.29 2.27 -0.01	37.17 2.17 -0.01	34.06 2.08 -0.01	33.07 2.05 -0.01	32.74 1.94 -0.01	35.76 2.09 0.00	38.63 1.94 0.00	33.46 1.98 0.00	30.00 2.25 0.00	25.16 2.10 -0.01	23.15 1.99 -0.01	16.25 1.11 0.00	15.28 1.18 0.00	13.80 1.05 0.00	12.97 1.05 0.00	14.06 1.17 0.00	16.79 1.37 0.00	26.33 2.13 0.00	38.80 2.88 0.00	53.00 3.38 0.00	57.64 3.77 0.00	44.39 3.07 -0.93	32.67 2.23 -0.36	28.64 2.11 -1.07
GOWANUS_GT3_7 24128	37.29 2.27 -0.01	37.17 2.17 -0.01	34.06 2.08 -0.01	33.07 2.05 -0.01	32.74 1.94 -0.01	35.76 2.09 0.00	38.63 1.94 0.00	33.46 1.98 0.00	30.00 2.25 0.00	25.16 2.10 -0.01	23.15 1.99 -0.01	16.25 1.11 0.00	15.28 1.18 0.00	13.80 1.05 0.00	12.97 1.05 0.00	14.06 1.17 0.00	16.79 1.37 0.00	26.33 2.13 0.00	38.80 2.88 0.00	53.00 3.38 0.00	57.64 3.77 0.00	44.39 3.07 -0.93	32.67 2.23 -0.36	28.64 2.11 -1.07
GOWANUS_GT3_8 24129	37.29 2.27 -0.01	37.17 2.17 -0.01	34.06 2.08 -0.01	33.07 2.05 -0.01	32.74 1.94 -0.01	35.76 2.09 0.00	38.63 1.94 0.00	33.46 1.98 0.00	30.00 2.25 0.00	25.16 2.10 -0.01	23.15 1.99 -0.01	16.25 1.11 0.00	15.28 1.18 0.00	13.80 1.05 0.00	12.97 1.05 0.00	14.06 1.17 0.00	16.79 1.37 0.00	26.33 2.13 0.00	38.80 2.88 0.00	53.00 3.38 0.00	57.64 3.77 0.00	44.39 3.07 -0.93	32.67 2.23 -0.36	28.64 2.11 -1.07
GOWANUS_GT4_1 24130	37.29 2.28 -0.01	37.17 2.17 -0.01	34.06 2.08 -0.01	33.07 2.05 -0.01	32.74 1.94 -0.01	35.76 2.09 0.00	38.63 1.94 0.00	33.49 2.01 0.00	30.09 2.33 0.00	25.15 2.10 0.00	23.15 1.99 -0.01	16.25 1.11 0.00	15.28 1.18 0.00	13.80 1.05 0.00	12.97 1.05 0.00	14.08 1.19 0.00	16.79 1.37 0.00	26.33 2.13 0.00	38.80 2.87 0.00	53.15 3.52 0.00	57.85 3.99 0.00	44.35 3.03 -0.93	32.82 2.38 -0.36	28.69 2.16 -1.07
GOWANUS_GT4_2 24131	37.29 2.28 -0.01	37.17 2.17 -0.01	34.06 2.08 -0.01	33.07 2.05 -0.01	32.74 1.94 -0.01	35.76 2.09 0.00	38.63 1.94 0.00	33.49 2.01 0.00	30.09 2.33 0.00	25.15 2.10 0.00	23.15 1.99 -0.01	16.25 1.11 0.00	15.28 1.18 0.00	13.80 1.05 0.00	12.97 1.05 0.00	14.08 1.19 0.00	16.79 1.37 0.00	26.33 2.13 0.00	38.80 2.87 0.00	53.15 3.52 0.00	57.85 3.99 0.00	44.35 3.03 -0.93	32.82 2.38 -0.36	28.69 2.16 -1.07
GOWANUS_GT4_3 24132	37.29 2.28 -0.01	37.17 2.17 -0.01	34.06 2.08 -0.01	33.07 2.05 -0.01	32.74 1.94 -0.01	35.76 2.09 0.00	38.63 1.94 0.00	33.49 2.01 0.00	30.09 2.33 0.00	25.15 2.10 0.00	23.15 1.99 -0.01	16.25 1.11 0.00	15.28 1.18 0.00	13.80 1.05 0.00	12.97 1.05 0.00	14.08 1.19 0.00	16.79 1.37 0.00	26.33 2.13 0.00	38.80 2.87 0.00	53.15 3.52 0.00	57.85 3.99 0.00	44.35 3.03 -0.93	32.82 2.38 -0.36	28.69 2.16 -1.07

GOWANUS_GT4_4 24133	37.29 2.28 -0.01	37.17 2.17 -0.01	34.06 2.08 -0.01	33.07 2.05 -0.01	32.74 1.94 -0.01	35.76 2.09 0.00	38.63 1.94 0.00	33.49 2.01 0.00	30.09 2.33 0.00	25.15 2.10 0.00	23.15 1.99 -0.01	16.25 1.11 0.00	15.28 1.18 0.00	13.80 1.05 0.00	12.97 1.05 0.00	14.08 1.19 0.00	16.79 1.37 0.00	26.33 2.13 0.00	38.80 2.87 0.00	53.15 3.52 0.00	57.85 3.99 0.00	44.35 3.03 -0.93	32.82 2.38 -0.36	28.69 2.16 -1.07
GOWANUS_GT4_5 24134	37.29 2.28 -0.01	37.17 2.17 -0.01	34.06 2.08 -0.01	33.07 2.05 -0.01	32.74 1.94 -0.01	35.76 2.09 0.00	38.63 1.94 0.00	33.49 2.01 0.00	30.09 2.33 0.00	25.15 2.10 0.00	23.15 1.99 -0.01	16.25 1.11 0.00	15.28 1.18 0.00	13.80 1.05 0.00	12.97 1.05 0.00	14.08 1.19 0.00	16.79 1.37 0.00	26.33 2.13 0.00	38.80 2.87 0.00	53.15 3.52 0.00	57.85 3.99 0.00	44.35 3.03 -0.93	32.82 2.38 -0.36	28.69 2.16 -1.07
GOWANUS_GT4_6 24135	37.29 2.28 -0.01	37.17 2.17 -0.01	34.06 2.08 -0.01	33.07 2.05 -0.01	32.74 1.94 -0.01	35.76 2.09 0.00	38.63 1.94 0.00	33.49 2.01 0.00	30.09 2.33 0.00	25.15 2.10 0.00	23.15 1.99 -0.01	16.25 1.11 0.00	15.28 1.18 0.00	13.80 1.05 0.00	12.97 1.05 0.00	14.08 1.19 0.00	16.79 1.37 0.00	26.33 2.13 0.00	38.80 2.87 0.00	53.15 3.52 0.00	57.85 3.99 0.00	44.35 3.03 -0.93	32.82 2.38 -0.36	28.69 2.16 -1.07
GOWANUS_GT4_7 24136	37.29 2.28 -0.01	37.17 2.17 -0.01	34.06 2.08 -0.01	33.07 2.05 -0.01	32.74 1.94 -0.01	35.76 2.09 0.00	38.63 1.94 0.00	33.49 2.01 0.00	30.09 2.33 0.00	25.15 2.10 0.00	23.15 1.99 -0.01	16.25 1.11 0.00	15.28 1.18 0.00	13.80 1.05 0.00	12.97 1.05 0.00	14.08 1.19 0.00	16.79 1.37 0.00	26.33 2.13 0.00	38.80 2.87 0.00	53.15 3.52 0.00	57.85 3.99 0.00	44.35 3.03 -0.93	32.82 2.38 -0.36	28.69 2.16 -1.07
GOWANUS_GT4_8 24137	37.29 2.28 -0.01	37.17 2.17 -0.01	34.06 2.08 -0.01	33.07 2.05 -0.01	32.74 1.94 -0.01	35.76 2.09 0.00	38.63 1.94 0.00	33.49 2.01 0.00	30.09 2.33 0.00	25.15 2.10 0.00	23.15 1.99 -0.01	16.25 1.11 0.00	15.28 1.18 0.00	13.80 1.05 0.00	12.97 1.05 0.00	14.08 1.19 0.00	16.79 1.37 0.00	26.33 2.13 0.00	38.80 2.87 0.00	53.15 3.52 0.00	57.85 3.99 0.00	44.35 3.03 -0.93	32.82 2.38 -0.36	28.69 2.16 -1.07
GREENBSH_115KV_TB3 55895	35.88 0.88 0.00	35.90 0.91 0.00	32.84 0.86 0.00	31.88 0.87 0.00	31.63 0.83 0.00	34.58 0.91 0.00	37.49 0.81 0.00	32.24 0.76 0.00	28.51 0.75 0.00	23.70 0.65 0.00	21.77 0.61 0.00	15.54 0.39 0.00	14.46 0.37 0.00	13.07 0.32 0.00	12.24 0.32 0.00	13.25 0.36 0.00	15.89 0.48 0.00	24.98 0.77 0.00	37.04 1.11 0.00	51.02 1.39 0.00	55.32 1.45 0.00	41.68 1.29 0.00	31.11 1.02 0.00	27.66 0.99 -1.21
GREENDGE_115KV_TB5 80291	33.86 -1.12 0.03	34.36 -0.63 0.00	31.18 -0.80 0.00	30.18 -0.84 0.00	30.12 -0.68 0.00	32.89 -0.77 0.01	35.95 -0.73 0.00	30.72 -0.76 0.00	26.85 -0.89 0.02	22.19 -0.85 0.01	20.26 -0.87 0.03	14.62 -0.53 0.00	13.55 -0.55 0.00	12.28 -0.47 0.00	11.43 -0.46 0.03	12.36 -0.50 0.03	14.82 -0.57 0.03	23.46 -0.73 0.02	29.15 -0.90 5.88	35.30 -1.04 13.29	34.42 -1.24 18.21	33.49 -1.05 5.85	26.93 -0.87 2.28	20.97 -0.76 3.72
GREENIDGE___3 23582	33.86 -1.12 0.03	34.36 -0.63 0.00	31.18 -0.80 0.00	30.18 -0.84 0.00	30.12 -0.68 0.00	32.89 -0.77 0.01	35.95 -0.73 0.00	30.72 -0.76 0.00	26.85 -0.89 0.02	22.19 -0.85 0.01	20.26 -0.87 0.03	14.62 -0.53 0.00	13.55 -0.55 0.00	12.28 -0.47 0.00	11.43 -0.46 0.03	12.36 -0.50 0.03	14.82 -0.57 0.03	23.46 -0.73 0.02	29.15 -0.90 5.88	35.30 -1.04 13.29	34.42 -1.24 18.21	33.49 -1.05 5.85	26.93 -0.87 2.28	20.97 -0.76 3.72
GREENIDGE___4 23583	33.86 -1.12 0.03	34.36 -0.63 0.00	31.18 -0.80 0.00	30.18 -0.84 0.00	30.12 -0.68 0.00	32.89 -0.77 0.01	35.95 -0.73 0.00	30.76 -0.72 0.00	26.87 -0.86 0.02	22.19 -0.85 0.01	20.24 -0.89 0.03	14.62 -0.53 0.00	13.55 -0.55 0.00	12.28 -0.47 0.00	11.43 -0.47 0.03	12.36 -0.50 0.03	14.82 -0.57 0.03	23.46 -0.73 0.02	29.16 -0.90 5.88	35.29 -1.04 13.29	34.37 -1.29 18.21	33.45 -1.09 5.85	26.90 -0.90 2.28	20.98 -0.76 3.72
GREENLWN_69_KV_BK 3 55738	49.79 2.45 -12.33	46.67 2.41 -9.26	46.65 2.24 -12.43	33.31 2.29 0.00	32.95 2.16 0.00	36.00 2.32 0.00	39.07 2.38 0.00	33.62 2.14 0.00	29.81 2.05 0.00	24.85 1.80 0.00	22.92 1.76 -0.01	16.27 1.12 0.00	15.30 1.20 0.00	13.85 1.10 0.00	13.07 1.14 -0.01	14.17 1.28 0.00	16.82 1.40 0.00	26.49 2.28 -0.01	44.76 3.16 -5.67	53.11 3.47 -0.01	57.70 3.82 -0.01	50.76 3.27 -7.10	33.01 2.56 -0.37	28.79 2.27 -1.07
GREENWD_138_KV_38B11_REV_LBMP_J 345004	37.29 2.28 -0.01	37.17 2.17 -0.01	34.06 2.08 -0.01	33.07 2.05 -0.01	32.74 1.94 -0.01	35.76 2.09 0.00	38.63 1.94 0.00	33.49 2.01 0.00	30.09 2.33 0.00	25.15 2.10 0.00	23.15 1.99 -0.01	16.25 1.11 0.00	15.28 1.18 0.00	13.80 1.05 0.00	12.97 1.05 0.00	14.08 1.19 0.00	16.79 1.37 0.00	26.33 2.13 0.00	38.80 2.87 0.00	53.15 3.52 0.00	57.85 3.99 0.00	44.35 3.03 -0.93	32.82 2.38 -0.36	28.69 2.16 -1.07
GRISSOM___SOLAR 323813	36.89 1.89 0.00	36.95 1.96 0.00	33.70 1.73 0.00	32.69 1.67 0.00	32.46 1.66 0.00	35.52 1.85 0.00	38.59 1.91 0.00	32.46 0.98 0.00	28.09 0.33 0.00	23.10 0.05 0.00	21.16 0.00 0.00	15.09 -0.06 0.00	14.08 -0.01 0.00	12.75 0.00 0.00	11.97 0.05 0.00	13.00 0.10 0.00	15.63 0.22 0.00	24.79 0.58 0.00	37.40 1.47 0.00	52.51 2.88 0.00	57.10 3.23 0.00	43.68 2.51 -0.78	32.25 1.87 -0.30	28.25 1.48 -1.32
GROVEVILLE___HYD 323602	37.07 2.07 0.00	37.02 2.03 0.00	33.86 1.89 0.00	32.91 1.89 0.00	32.58 1.79 0.00	35.66 1.99 0.00	38.63 1.94 0.00	33.31 1.83 0.00	29.62 1.86 0.00	24.64 1.59 0.00	22.68 1.52 0.00	16.06 0.91 0.00	15.04 0.94 0.00	13.58 0.83 0.00	12.78 0.86 0.00	13.85 0.95 0.00	16.54 1.13 0.00	25.97 1.77 0.00	38.59 2.66 0.00	53.05 3.42 0.00	57.75 3.88 0.00	44.30 2.99 -0.92	32.58 2.14 -0.36	28.36 1.83 -1.07
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	34.76 -0.25 0.00	34.92 -0.07 0.00	31.85 -0.13 0.00	30.89 -0.12 0.00	30.73 -0.06 0.00	33.60 -0.07 0.00	36.69 0.00 0.00	31.39 -0.09 0.00	27.64 -0.11 0.00	22.94 -0.12 0.00	21.03 -0.13 0.00	15.12 -0.03 0.00	14.07 -0.03 0.00	12.76 0.01 0.00	11.92 0.00 0.00	12.89 0.00 0.00	15.40 -0.02 0.00	24.20 0.00 0.00	35.07 -0.04 0.82	48.08 -0.05 1.50	51.71 -0.11 2.05	39.03 -0.16 1.20	29.50 -0.12 0.47	25.02 -0.10 0.33
HAMLTNNY_34_KV_TB 80303	34.72 -0.28 0.00	34.96 -0.03 0.00	31.85 -0.13 0.00	30.89 -0.12 0.00	30.73 -0.06 0.00	33.64 -0.03 0.00	36.69 0.00 0.00	31.39 -0.09 0.00	27.62 -0.14 0.00	22.91 -0.14 0.00	20.98 -0.17 0.00	15.10 -0.05 0.00	14.04 -0.06 0.00	12.75 0.00 0.00	11.91 -0.01 0.00	12.86 -0.03 0.00	15.38 -0.03 0.00	24.18 -0.02 1.09	34.77 -0.07 1.99	47.54 -0.10 2.73	51.03 -0.11 2.39	38.79 -0.20 1.39	29.39 -0.15 0.54	24.83 -0.15 0.47

HAMPSHIRE___PAPER_HYD 323593	34.13 -0.87 0.00	33.94 -1.05 0.00	31.05 -0.93 0.00	30.05 -0.96 0.00	29.84 -0.95 0.00	32.66 -1.01 0.00	35.73 -0.95 0.00	30.44 -1.04 0.00	26.51 -1.25 0.00	21.85 -1.20 0.00	20.14 -1.02 0.00	14.39 -0.76 0.00	13.36 -0.73 0.00	12.08 -0.68 0.00	11.24 -0.68 0.00	12.14 -0.75 0.00	14.44 -0.97 0.00	22.78 -1.43 0.00	34.45 -1.47 0.00	48.14 -1.49 0.00	52.36 -1.51 0.00	39.34 -1.05 0.00	29.30 -0.78 0.00	24.73 -0.76 -0.03
HARDSCRABBLE_WT_PWR 323673	35.46 0.45 0.00	35.38 0.39 0.00	32.30 0.32 0.00	31.32 0.31 0.00	31.07 0.28 0.00	33.94 0.27 0.00	36.98 0.29 0.00	31.67 0.19 0.00	27.87 0.11 0.00	22.98 -0.07 0.00	21.01 -0.15 0.00	14.97 -0.18 0.00	13.87 -0.23 0.00	12.48 -0.27 0.00	11.62 -0.30 0.00	12.54 -0.35 0.00	14.98 -0.43 0.00	23.60 -0.60 0.00	35.39 -0.54 0.00	49.53 -0.10 0.00	54.19 0.33 0.00	40.88 0.49 0.00	30.38 0.30 0.00	25.68 0.23 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	36.97 1.96 0.00	36.91 1.92 0.00	33.74 1.76 0.00	32.78 1.77 0.00	32.46 1.66 0.00	35.52 1.85 0.00	38.49 1.80 0.00	33.24 1.76 0.00	29.59 1.83 0.00	24.67 1.61 0.00	22.70 1.54 0.00	16.06 0.91 0.00	15.04 0.94 0.00	13.59 0.84 0.00	12.78 0.86 0.00	13.85 0.95 0.00	16.54 1.13 0.00	25.95 1.74 0.00	39.11 2.55 -0.63	54.00 3.23 -1.15	59.11 3.66 -1.57	44.23 2.83 -1.01	32.52 2.05 -0.39	28.62 1.78 -1.38
HARSNRAD_115KV_TB1 81005	30.86 -4.13 0.02	32.26 -2.73 0.00	29.10 -2.88 0.00	28.16 -2.85 0.00	28.05 -2.74 0.00	30.57 -3.10 0.01	33.39 -3.30 0.00	28.87 -2.61 0.00	25.38 -2.36 0.02	21.11 -1.94 0.01	19.07 -2.07 0.02	13.97 -1.18 0.00	13.00 -1.10 0.00	11.72 -1.03 0.00	10.85 -1.05 0.02	11.66 -1.21 0.02	13.86 -1.54 0.02	21.50 -2.69 0.02	26.45 -3.84 5.64	35.32 -5.61 8.70	35.75 -6.19 11.92	32.74 -4.40 3.25	25.68 -3.13 1.27	20.73 -2.49 2.23
HARZA MOOSE___RIVER 24016	35.11 0.11 0.00	35.06 0.07 0.00	32.04 0.06 0.00	31.08 0.06 0.00	30.86 0.06 0.00	33.84 0.17 0.00	36.98 0.29 0.00	31.64 0.16 0.00	27.51 -0.25 0.00	22.68 -0.37 0.00	20.86 -0.30 0.00	14.91 -0.24 0.00	13.84 -0.25 0.00	12.52 -0.23 0.00	11.67 -0.25 0.00	12.61 -0.28 0.00	15.03 -0.39 0.00	23.72 -0.48 0.00	35.96 0.04 0.00	50.12 0.50 0.00	54.51 0.65 0.00	41.00 0.61 0.00	30.50 0.42 0.00	25.78 0.28 -0.05
HDSNBRDG_115KV_BRDG_TB1 355580	34.55 -0.46 0.00	34.71 -0.28 0.00	31.69 -0.29 0.00	30.73 -0.28 0.00	30.55 -0.25 0.00	33.40 -0.27 0.00	36.47 -0.22 0.00	31.23 -0.25 0.00	27.51 -0.25 0.00	22.82 -0.23 0.00	20.92 -0.23 0.00	15.06 -0.09 0.00	14.00 -0.10 0.00	12.70 -0.05 0.00	11.86 -0.06 0.00	12.83 -0.06 0.00	15.32 -0.09 0.00	24.06 -0.15 0.00	35.68 -0.25 0.00	49.23 -0.40 0.00	53.44 -0.43 0.00	39.04 -0.40 0.94	29.41 -0.30 0.37	25.31 -0.25 -0.11
HELLGATE_13_KV_LD 55870	37.14 2.14 0.00	37.02 2.03 0.00	33.93 1.95 0.00	32.94 1.92 0.00	32.61 1.82 0.00	35.66 1.99 0.00	38.56 1.87 0.00	33.46 1.98 0.00	30.17 2.41 0.00	25.22 2.17 0.00	23.20 2.03 -0.01	16.30 1.15 0.00	15.30 1.20 0.00	13.82 1.07 0.00	12.99 1.07 0.00	14.10 1.21 0.00	16.82 1.40 0.00	26.36 2.15 0.00	38.77 2.84 0.00	53.10 3.47 0.00	57.75 3.88 0.00	44.27 2.95 -0.93	32.73 2.29 -0.36	28.61 2.09 -1.06
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	37.14 2.14 0.00	37.02 2.03 0.00	33.93 1.95 0.00	32.94 1.92 0.00	32.61 1.82 0.00	35.66 1.99 0.00	38.56 1.87 0.00	33.46 1.98 0.00	30.17 2.41 0.00	25.22 2.17 0.00	23.20 2.03 -0.01	16.30 1.15 0.00	15.30 1.20 0.00	13.82 1.07 0.00	12.99 1.07 0.00	14.10 1.21 0.00	16.82 1.40 0.00	26.36 2.15 0.00	38.77 2.84 0.00	53.10 3.47 0.00	57.75 3.88 0.00	44.27 2.95 -0.93	32.73 2.29 -0.36	28.61 2.09 -1.06
HEMPSTEAD____ 23647	49.96 2.63 -12.33	46.81 2.55 -9.26	46.81 2.40 -12.43	33.43 2.42 0.00	33.07 2.28 0.00	36.16 2.49 0.00	39.22 2.53 0.00	33.78 2.30 0.00	29.95 2.19 0.00	25.04 1.98 -0.01	23.11 1.95 -0.01	16.36 1.21 0.00	15.37 1.27 0.00	13.90 1.15 0.00	13.13 1.19 -0.01	14.16 1.26 0.00	16.90 1.48 0.00	26.59 2.37 -0.01	47.17 3.30 -7.94	53.66 4.02 -0.01	58.35 4.47 -0.01	53.47 3.51 -9.57	33.14 2.68 -0.38	28.85 2.32 -1.08
HICKLING___1 23621	33.45 -1.51 0.05	34.01 -0.98 0.00	30.76 -1.22 0.00	29.74 -1.27 0.00	29.65 -1.14 0.00	32.37 -1.28 0.02	35.37 -1.32 0.00	30.35 -1.13 0.00	26.47 -1.25 0.04	21.88 -1.15 0.02	20.07 -1.04 0.05	14.45 -0.70 0.00	13.38 -0.72 0.00	12.14 -0.61 0.00	11.29 -0.58 0.05	12.21 -0.63 0.05	14.65 -0.72 0.05	23.22 -0.94 0.04	23.28 -1.19 11.46	26.29 -1.49 21.85	22.21 -1.72 29.94	29.91 -1.21 9.27	25.44 -1.02 3.62	18.42 -0.84 6.20
HICKLING___2 23622	33.45 -1.51 0.05	34.01 -0.98 0.00	30.76 -1.22 0.00	29.74 -1.27 0.00	29.65 -1.14 0.00	32.37 -1.28 0.02	35.37 -1.32 0.00	30.35 -1.13 0.00	26.47 -1.25 0.04	21.88 -1.15 0.02	20.07 -1.04 0.05	14.45 -0.70 0.00	13.38 -0.72 0.00	12.14 -0.61 0.00	11.29 -0.58 0.05	12.21 -0.63 0.05	14.65 -0.72 0.05	23.22 -0.94 0.04	23.28 -1.19 11.46	26.29 -1.49 21.85	22.21 -1.72 29.94	29.91 -1.21 9.27	25.44 -1.02 3.62	18.42 -0.84 6.20
HIGH FALLS___HY 23754	37.14 2.14 0.00	37.09 2.10 0.00	33.90 1.92 0.00	32.94 1.92 0.00	32.61 1.82 0.00	35.73 2.05 0.00	38.74 2.05 0.00	33.40 1.92 0.00	29.67 1.92 0.00	24.69 1.64 0.00	22.73 1.57 0.00	16.07 0.92 0.00	15.07 0.97 0.00	13.61 0.85 0.00	12.81 0.88 0.00	13.87 0.98 0.00	16.56 1.14 0.00	26.02 1.82 0.00	39.30 2.77 -0.61	54.37 3.62 -1.12	59.54 4.15 -1.53	44.50 3.15 -0.96	32.62 2.17 -0.37	28.74 1.88 -1.40
HIGH_RIVER___SOLAR 323847	36.44 1.44 0.00	36.49 1.50 0.00	33.32 1.34 0.00	32.32 1.30 0.00	32.09 1.29 0.00	35.09 1.41 0.00	38.16 1.47 0.00	32.39 0.91 0.00	28.26 0.50 0.00	23.28 0.23 0.00	21.35 0.19 0.00	15.21 0.06 0.00	14.21 0.11 0.00	12.87 0.11 0.00	12.07 0.14 0.00	13.08 0.19 0.00	15.72 0.31 0.00	24.86 0.65 0.00	37.22 1.29 0.00	51.86 2.24 0.00	56.35 2.48 0.00	43.03 1.94 -0.70	31.80 1.44 -0.27	27.94 1.20 -1.29
HILLBURN___GT 23639	37.00 1.99 0.00	36.91 1.92 0.00	33.77 1.79 0.00	32.81 1.80 0.00	32.49 1.69 0.00	35.56 1.88 0.00	38.56 1.87 0.00	33.30 1.83 0.00	29.65 1.89 0.00	24.78 1.73 0.00	22.83 1.67 0.00	16.12 0.97 0.00	15.11 1.02 0.00	13.66 0.91 0.00	12.83 0.91 0.00	13.91 1.02 0.00	16.60 1.19 0.00	26.04 1.84 0.00	39.17 2.62 -0.62	54.03 3.27 -1.13	59.13 3.71 -1.55	44.25 2.87 -0.99	32.60 2.14 -0.39	28.67 1.83 -1.38
HILLSIDE_115KV_TB1 80332	33.10 -1.86 0.05	33.56 -1.43 0.00	30.38 -1.60 0.00	29.37 -1.64 0.00	29.28 -1.51 0.00	31.93 -1.72 0.02	34.89 -1.80 0.00	30.03 -1.45 0.00	26.24 -1.47 0.04	21.72 -1.31 0.02	19.94 -1.16 0.05	14.33 -0.82 0.00	13.28 -0.82 0.00	12.02 -0.73 0.00	11.19 -0.68 0.05	12.12 -0.72 0.05	14.53 -0.83 0.05	23.02 -1.14 0.04	21.17 -1.47 13.29	22.67 -1.99 24.97	17.45 -2.21 34.21	27.82 -1.58 10.99	24.56 -1.23 4.29	17.28 -1.04 7.13

HISHELDN_WT_PWR 323625	31.80 -3.19 0.02	32.79 -2.20 0.00	29.61 -2.37 0.00	28.63 -2.39 0.00	28.52 -2.28 0.00	31.07 -2.59 0.01	33.94 -2.75 0.00	29.24 -2.23 0.00	25.66 -2.08 0.02	21.15 -1.89 0.01	19.21 -1.93 0.02	13.95 -1.20 0.00	12.88 -1.21 0.00	11.62 -1.13 0.00	10.79 -1.11 0.02	11.62 -1.25 0.02	13.85 -1.54 0.02	21.76 -2.42 0.02	23.37 -3.45 9.11	33.66 -4.42 11.55	33.10 -4.95 15.82	32.52 -3.59 4.28	25.61 -2.80 1.68	20.17 -2.21 3.07
HOLTSVILLE_IC_1 23690	49.99 2.66 -12.33	46.88 2.63 -9.26	46.81 2.40 -12.43	33.68 2.67 0.00	33.29 2.49 0.00	36.37 2.69 0.00	39.47 2.79 0.00	33.94 2.46 0.00	29.98 2.22 0.00	25.02 1.96 -0.01	23.11 1.95 -0.01	16.36 1.21 0.00	15.39 1.30 0.00	13.94 1.19 0.00	13.19 1.26 -0.01	14.23 1.34 0.00	16.99 1.57 0.00	26.78 2.56 -0.01	45.12 3.67 -5.52	54.01 4.37 -0.01	58.67 4.79 -0.01	51.25 3.92 -6.94	33.49 3.04 -0.37	29.10 2.57 -1.07
HOLTSVILLE_IC_10 23699	50.17 2.83 -12.33	47.06 2.80 -9.26	46.97 2.56 -12.43	33.84 2.82 0.00	33.44 2.65 0.00	36.53 2.86 0.00	39.66 2.97 0.00	34.09 2.61 0.00	30.09 2.33 0.00	25.11 2.05 -0.01	23.19 2.03 -0.01	16.44 1.29 0.00	15.45 1.35 0.00	14.00 1.25 0.00	13.24 1.31 -0.01	14.30 1.41 0.00	17.07 1.65 0.00	26.92 2.71 -0.01	45.41 3.92 -5.56	54.35 4.72 -0.01	59.10 5.22 -0.01	51.58 4.20 -6.99	33.68 3.22 -0.37	29.25 2.73 -1.07
HOLTSVILLE_IC_2 23691	49.99 2.66 -12.33	46.88 2.63 -9.26	46.81 2.40 -12.43	33.68 2.67 0.00	33.29 2.49 0.00	36.37 2.69 0.00	39.47 2.79 0.00	33.94 2.46 0.00	29.98 2.22 0.00	25.02 1.96 -0.01	23.11 1.95 -0.01	16.36 1.21 0.00	15.39 1.30 0.00	13.94 1.19 0.00	13.19 1.26 -0.01	14.23 1.34 0.00	16.99 1.57 0.00	26.78 2.56 -0.01	45.12 3.67 -5.52	54.01 4.37 -0.01	58.67 4.79 -0.01	51.25 3.92 -6.94	33.49 3.04 -0.37	29.10 2.57 -1.07
HOLTSVILLE_IC_3 23692	49.99 2.66 -12.33	46.88 2.63 -9.26	46.81 2.40 -12.43	33.68 2.67 0.00	33.29 2.49 0.00	36.37 2.69 0.00	39.47 2.79 0.00	33.94 2.46 0.00	29.98 2.22 0.00	25.02 1.96 -0.01	23.11 1.95 -0.01	16.36 1.21 0.00	15.39 1.30 0.00	13.94 1.19 0.00	13.19 1.26 -0.01	14.23 1.34 0.00	16.99 1.57 0.00	26.78 2.56 -0.01	45.12 3.67 -5.52	54.01 4.37 -0.01	58.67 4.79 -0.01	51.25 3.92 -6.94	33.49 3.04 -0.37	29.10 2.57 -1.07
HOLTSVILLE_IC_4 23693	49.99 2.66 -12.33	46.88 2.63 -9.26	46.81 2.40 -12.43	33.68 2.67 0.00	33.29 2.49 0.00	36.37 2.69 0.00	39.47 2.79 0.00	33.94 2.46 0.00	29.98 2.22 0.00	25.02 1.96 -0.01	23.11 1.95 -0.01	16.36 1.21 0.00	15.39 1.30 0.00	13.94 1.19 0.00	13.19 1.26 -0.01	14.23 1.34 0.00	16.99 1.57 0.00	26.78 2.56 -0.01	45.12 3.67 -5.52	54.01 4.37 -0.01	58.67 4.79 -0.01	51.25 3.92 -6.94	33.49 3.04 -0.37	29.10 2.57 -1.07
HOLTSVILLE_IC_5 23694	49.99 2.66 -12.33	46.88 2.63 -9.26	46.81 2.40 -12.43	33.68 2.67 0.00	33.29 2.49 0.00	36.37 2.69 0.00	39.47 2.79 0.00	33.94 2.46 0.00	29.98 2.22 0.00	25.02 1.96 -0.01	23.11 1.95 -0.01	16.36 1.21 0.00	15.39 1.30 0.00	13.94 1.19 0.00	13.19 1.26 -0.01	14.23 1.34 0.00	16.99 1.57 0.00	26.78 2.56 -0.01	45.12 3.67 -5.52	54.01 4.37 -0.01	58.67 4.79 -0.01	51.25 3.92 -6.94	33.49 3.04 -0.37	29.10 2.57 -1.07
HOLTSVILLE_IC_6 23695	50.17 2.83 -12.33	47.06 2.80 -9.26	46.97 2.56 -12.43	33.84 2.82 0.00	33.44 2.65 0.00	36.53 2.86 0.00	39.66 2.97 0.00	34.09 2.61 0.00	30.09 2.33 0.00	25.11 2.05 -0.01	23.19 2.03 -0.01	16.44 1.29 0.00	15.45 1.35 0.00	14.00 1.25 0.00	13.24 1.31 -0.01	14.30 1.41 0.00	17.07 1.65 0.00	26.92 2.71 -0.01	45.41 3.92 -5.56	54.35 4.72 -0.01	59.10 5.22 -0.01	51.58 4.20 -6.99	33.68 3.22 -0.37	29.25 2.73 -1.07
HOLTSVILLE_IC_7 23696	50.17 2.83 -12.33	47.06 2.80 -9.26	46.97 2.56 -12.43	33.84 2.82 0.00	33.44 2.65 0.00	36.53 2.86 0.00	39.66 2.97 0.00	34.09 2.61 0.00	30.09 2.33 0.00	25.11 2.05 -0.01	23.19 2.03 -0.01	16.44 1.29 0.00	15.45 1.35 0.00	14.00 1.25 0.00	13.24 1.31 -0.01	14.30 1.41 0.00	17.07 1.65 0.00	26.92 2.71 -0.01	45.41 3.92 -5.56	54.35 4.72 -0.01	59.10 5.22 -0.01	51.58 4.20 -6.99	33.68 3.22 -0.37	29.25 2.73 -1.07
HOLTSVILLE_IC_8 23697	50.17 2.83 -12.33	47.06 2.80 -9.26	46.97 2.56 -12.43	33.84 2.82 0.00	33.44 2.65 0.00	36.53 2.86 0.00	39.66 2.97 0.00	34.09 2.61 0.00	30.09 2.33 0.00	25.11 2.05 -0.01	23.19 2.03 -0.01	16.44 1.29 0.00	15.45 1.35 0.00	14.00 1.25 0.00	13.24 1.31 -0.01	14.30 1.41 0.00	17.07 1.65 0.00	26.92 2.71 -0.01	45.41 3.92 -5.56	54.35 4.72 -0.01	59.10 5.22 -0.01	51.58 4.20 -6.99	33.68 3.22 -0.37	29.25 2.73 -1.07
HOLTSVILLE_IC_9 23698	50.17 2.83 -12.33	47.06 2.80 -9.26	46.97 2.56 -12.43	33.84 2.82 0.00	33.44 2.65 0.00	36.53 2.86 0.00	39.66 2.97 0.00	34.09 2.61 0.00	30.09 2.33 0.00	25.11 2.05 -0.01	23.19 2.03 -0.01	16.44 1.29 0.00	15.45 1.35 0.00	14.00 1.25 0.00	13.24 1.31 -0.01	14.30 1.41 0.00	17.07 1.65 0.00	26.92 2.71 -0.01	45.41 3.92 -5.56	54.35 4.72 -0.01	59.10 5.22 -0.01	51.58 4.20 -6.99	33.68 3.22 -0.37	29.25 2.73 -1.07
HOMER_HL_115KV_TB2 355744	32.84 -2.14 0.03	32.72 -2.27 0.00	29.55 -2.43 0.00	28.56 -2.45 0.00	28.45 -2.34 0.00	30.97 -2.69 0.01	33.86 -2.82 0.00	29.37 -2.11 0.00	25.77 -1.97 0.02	21.29 -1.75 0.01	19.88 -1.25 0.03	14.01 -1.14 0.00	12.98 -1.11 0.00	11.71 -1.05 0.00	11.00 -0.89 0.03	11.98 -0.89 0.03	14.36 -1.03 0.03	22.97 -1.21 0.02	27.40 -1.58 6.94	35.45 -2.13 12.04	34.90 -2.48 16.49	34.38 -1.62 4.39	27.19 -1.17 1.72	21.35 -0.89 3.21
HOWARD_WT_PWR 323690	32.98 -1.99 0.03	33.63 -1.37 0.00	30.38 -1.60 0.00	29.37 -1.64 0.00	29.32 -1.48 0.00	31.98 -1.68 0.01	34.96 -1.72 0.00	29.91 -1.57 0.00	25.99 -1.75 0.02	21.31 -1.73 0.01	19.48 -1.65 0.03	13.98 -1.17 0.00	12.88 -1.21 0.00	11.67 -1.08 0.00	10.85 -1.04 0.03	11.71 -1.15 0.03	14.07 -1.31 0.03	22.46 -1.72 0.02	28.60 -2.23 5.10	32.14 -2.78 14.71	30.43 -3.29 20.15	31.79 -2.59 6.02	25.54 -2.19 2.35	19.50 -1.88 4.07
HQ_GEN_CEDARS 23644	34.73 -0.28 0.00	34.43 -0.56 0.00	31.53 -0.45 0.00	30.49 -0.53 0.00	30.30 -0.49 0.00	33.07 -0.61 0.00	36.17 -0.51 0.00	30.98 -0.50 0.00	27.06 -0.69 0.00	22.45 -0.60 0.00	20.67 -0.49 0.00	14.80 -0.35 0.00	13.74 -0.35 0.00	12.42 -0.33 0.00	11.58 -0.35 0.00	12.50 -0.39 0.00	14.94 -0.48 0.00	23.45 -0.75 0.00	34.99 -0.93 0.00	48.69 -0.94 0.00	52.84 -1.02 0.00	39.62 -0.77 0.00	29.45 -0.63 0.00	24.84 -0.61 0.00
HQ_GEN_CEDARS_PROXY 323590	34.72 -0.28 0.00	34.43 -0.56 0.00	31.53 -0.45 0.00	30.49 -0.53 0.00	30.30 -0.49 0.00	33.07 -0.61 0.00	36.17 -0.51 0.00	30.94 -0.54 0.00	27.12 -0.64 0.00	22.45 -0.60 0.00	20.67 -0.49 0.00	14.80 -0.35 0.00	13.75 -0.35 0.00	12.42 -0.33 0.00	11.58 -0.35 0.00	12.50 -0.39 0.00	14.94 -0.48 0.00	23.45 -0.75 0.00	34.99 -0.93 0.00	48.68 -0.94 0.00	52.79 -1.08 0.00	39.62 -0.77 0.00	29.45 -0.63 0.00	24.82 -0.64 0.00

HQ_GEN_CHPE_PROXY 323851	37.07 2.06 0.00	36.98 1.99 0.00	33.86 1.89 0.00	32.87 1.86 0.00	32.55 1.75 0.00	35.62 1.95 0.00	38.59 1.91 0.00	33.43 1.95 0.00	29.95 2.19 0.00	25.09 2.03 -0.01	23.11 1.95 -0.01	16.19 1.06 0.02	15.19 1.11 0.02	13.73 1.00 0.02	12.89 0.99 0.02	13.98 1.11 0.02	16.69 1.30 0.02	26.17 1.99 0.02	26.49 2.73 12.17	-5.00 3.27 57.90	-5.00 3.66 62.53	-5.00 2.87 48.26	26.49 2.17 5.76	26.49 1.88 0.85
HQ_GEN_IMPORT 323601	34.90 -0.10 0.00	34.82 -0.17 0.00	31.82 -0.16 0.00	30.86 -0.15 0.00	30.64 -0.15 0.00	33.47 -0.20 0.00	36.51 -0.18 0.00	31.32 -0.16 0.00	27.59 -0.17 0.00	22.89 -0.16 0.00	21.01 -0.15 0.00	15.06 -0.09 0.00	14.00 -0.10 0.00	12.66 -0.09 0.00	11.83 -0.10 0.00	12.79 -0.10 0.00	15.29 -0.12 0.00	24.01 -0.19 0.00	35.64 -0.29 0.00	49.33 -0.30 0.00	53.55 -0.32 0.00	40.15 -0.24 0.00	29.87 -0.21 0.00	25.25 -0.20 0.00
HQ_GEN_WHEEL 23651	34.90 -0.10 0.00	34.82 -0.17 0.00	31.82 -0.16 0.00	30.86 -0.15 0.00	30.64 -0.15 0.00	33.47 -0.20 0.00	36.51 -0.18 0.00	31.32 -0.16 0.00	27.59 -0.17 0.00	22.89 -0.16 0.00	21.01 -0.15 0.00	15.06 -0.09 0.00	14.00 -0.10 0.00	12.66 -0.09 0.00	11.83 -0.10 0.00	12.79 -0.10 0.00	15.29 -0.12 0.00	24.01 -0.19 0.00	35.64 -0.29 0.00	49.33 -0.30 0.00	53.55 -0.32 0.00	40.15 -0.24 0.00	29.87 -0.21 0.00	25.25 -0.20 0.00
HUDSON_AVE_GT_3 23810	37.18 2.17 0.00	37.09 2.10 0.00	33.96 1.98 0.00	32.97 1.95 0.00	32.64 1.85 0.00	35.73 2.05 0.00	38.67 1.98 0.00	33.53 2.05 0.00	30.09 2.33 0.00	25.15 2.10 0.00	23.17 2.01 -0.01	16.27 1.12 0.00	15.27 1.17 0.00	13.80 1.05 0.00	12.96 1.04 0.00	14.05 1.16 0.00	16.77 1.36 0.00	26.29 2.08 0.00	38.80 2.87 0.00	53.15 3.52 0.00	57.80 3.93 0.00	44.31 2.99 -0.93	32.73 2.29 -0.36	28.51 1.99 -1.06
HUDSON_AVE_GT_4 23540	37.18 2.17 0.00	37.09 2.10 0.00	33.96 1.98 0.00	32.97 1.95 0.00	32.64 1.85 0.00	35.73 2.05 0.00	38.67 1.98 0.00	33.53 2.05 0.00	30.09 2.33 0.00	25.15 2.10 0.00	23.17 2.01 -0.01	16.27 1.12 0.00	15.27 1.17 0.00	13.80 1.05 0.00	12.96 1.04 0.00	14.05 1.16 0.00	16.77 1.36 0.00	26.29 2.08 0.00	38.80 2.87 0.00	53.15 3.52 0.00	57.80 3.93 0.00	44.31 2.99 -0.93	32.73 2.29 -0.36	28.51 1.99 -1.06
HUDSON_AVE_GT_5 23657	37.18 2.17 0.00	37.09 2.10 0.00	33.96 1.98 0.00	32.97 1.95 0.00	32.64 1.85 0.00	35.73 2.05 0.00	38.67 1.98 0.00	33.53 2.05 0.00	30.09 2.33 0.00	25.15 2.10 0.00	23.17 2.01 -0.01	16.27 1.12 0.00	15.27 1.17 0.00	13.80 1.05 0.00	12.96 1.04 0.00	14.05 1.16 0.00	16.77 1.36 0.00	26.29 2.08 0.00	38.80 2.87 0.00	53.15 3.52 0.00	57.80 3.93 0.00	44.31 2.99 -0.93	32.73 2.29 -0.36	28.51 1.99 -1.06
HUDSON_AVE_10 24168	37.04 2.03 0.00	36.91 1.92 0.00	33.80 1.82 0.00	32.84 1.83 0.00	32.52 1.72 0.00	35.59 1.92 0.00	38.52 1.83 0.00	33.43 1.95 0.00	30.01 2.25 0.00	25.08 2.03 0.00	23.11 1.95 -0.01	16.21 1.06 0.00	15.21 1.11 0.00	13.75 0.99 0.00	12.92 1.00 0.00	14.01 1.12 0.00	16.73 1.31 0.00	26.21 2.01 0.00	38.62 2.69 0.00	52.85 3.23 0.00	57.53 3.66 0.00	44.11 2.79 -0.93	32.58 2.14 -0.36	28.38 1.86 -1.06
HUDSON___115KV_TB 4 355613	36.51 1.51 0.00	36.53 1.54 0.00	33.39 1.41 0.00	32.41 1.40 0.00	32.15 1.35 0.00	35.15 1.48 0.00	38.12 1.43 0.00	32.64 1.16 0.00	28.70 0.94 0.00	23.79 0.74 0.00	21.83 0.68 0.00	15.57 0.42 0.00	14.51 0.41 0.00	13.10 0.34 0.00	12.28 0.36 0.00	13.30 0.41 0.00	15.99 0.57 0.00	25.17 0.97 0.00	37.58 1.65 0.00	51.96 2.33 0.00	56.40 2.53 0.00	43.18 2.10 -0.69	31.85 1.50 -0.27	27.88 1.22 -1.20
HUNTER MOUNT___DRP 323613	36.65 1.65 0.00	36.71 1.71 0.00	33.51 1.53 0.00	32.53 1.52 0.00	32.24 1.45 0.00	35.29 1.62 0.00	38.23 1.54 0.00	32.71 1.23 0.00	28.70 0.94 0.00	23.74 0.69 0.00	21.79 0.63 0.00	15.54 0.39 0.00	14.49 0.39 0.00	13.08 0.33 0.00	12.28 0.36 0.00	13.29 0.40 0.00	15.97 0.55 0.00	25.20 0.99 0.00	37.65 1.72 0.00	52.16 2.53 0.00	56.67 2.80 0.00	43.37 2.26 -0.72	31.96 1.59 -0.28	27.78 1.15 -1.18
HUNTINGTON_RES_REC 323705	49.68 2.35 -12.33	46.53 2.27 -9.26	46.52 2.11 -12.43	33.22 2.20 0.00	32.86 2.06 0.00	35.89 2.22 0.00	38.96 2.28 0.00	33.52 2.05 0.00	29.65 1.89 0.00	24.76 1.71 -0.01	22.88 1.71 -0.01	16.21 1.06 0.00	15.24 1.14 0.00	13.80 1.05 0.00	13.04 1.11 -0.01	14.06 1.17 0.00	16.77 1.36 0.00	26.42 2.20 -0.01	44.62 3.09 -5.60	52.96 3.33 -0.01	57.49 3.61 -0.01	50.65 3.23 -7.03	32.95 2.50 -0.37	28.69 2.16 -1.07
HUNTLEY___63 23557	30.96 -4.03 0.02	32.33 -2.66 0.00	29.16 -2.81 0.00	28.19 -2.82 0.00	28.08 -2.71 0.00	30.60 -3.06 0.01	33.42 -3.27 0.00	28.89 -2.58 0.01	25.43 -2.30 0.02	21.18 -1.87 0.01	19.19 -1.95 0.02	14.01 -1.14 0.00	12.98 -1.11 0.00	11.71 -1.05 0.00	10.90 -1.00 0.02	11.71 -1.16 0.02	13.89 -1.51 0.02	21.54 -2.64 0.02	26.19 -3.70 6.04	35.14 -5.21 9.28	35.29 -5.87 12.71	32.83 -4.16 3.41	25.77 -2.98 1.34	20.73 -2.34 2.38
HUNTLEY___64 23558	30.96 -4.03 0.02	32.33 -2.66 0.00	29.16 -2.81 0.00	28.19 -2.82 0.00	28.08 -2.71 0.00	30.60 -3.06 0.01	33.42 -3.27 0.00	28.89 -2.58 0.01	25.43 -2.30 0.02	21.18 -1.87 0.01	19.19 -1.95 0.02	14.01 -1.14 0.00	12.98 -1.11 0.00	11.71 -1.05 0.00	10.90 -1.00 0.02	11.71 -1.16 0.02	13.89 -1.51 0.02	21.54 -2.64 0.02	26.19 -3.70 6.04	35.14 -5.21 9.28	35.29 -5.87 12.71	32.83 -4.16 3.41	25.77 -2.98 1.34	20.73 -2.34 2.38
HUNTLEY___65 23559	30.96 -4.03 0.02	32.33 -2.66 0.00	29.16 -2.81 0.00	28.19 -2.82 0.00	28.08 -2.71 0.00	30.60 -3.06 0.01	33.42 -3.27 0.00	28.89 -2.58 0.01	25.43 -2.30 0.02	21.18 -1.87 0.01	19.19 -1.95 0.02	14.01 -1.14 0.00	12.98 -1.11 0.00	11.71 -1.05 0.00	10.90 -1.00 0.02	11.71 -1.16 0.02	13.89 -1.51 0.02	21.54 -2.64 0.02	26.19 -3.70 6.04	35.14 -5.21 9.28	35.29 -5.87 12.71	32.83 -4.16 3.41	25.77 -2.98 1.34	20.73 -2.34 2.38
HUNTLEY___66 23560	30.96 -4.03 0.02	32.33 -2.66 0.00	29.16 -2.81 0.00	28.19 -2.82 0.00	28.08 -2.71 0.00	30.60 -3.06 0.01	33.42 -3.27 0.00	28.89 -2.58 0.01	25.43 -2.30 0.02	21.18 -1.87 0.01	19.19 -1.95 0.02	14.01 -1.14 0.00	12.98 -1.11 0.00	11.71 -1.05 0.00	10.90 -1.00 0.02	11.71 -1.16 0.02	13.89 -1.51 0.02	21.54 -2.64 0.02	26.19 -3.70 6.04	35.14 -5.21 9.28	35.29 -5.87 12.71	32.83 -4.16 3.41	25.77 -2.98 1.34	20.73 -2.34 2.38
HUNTLEY___67 23561	31.13 -3.85 0.02	32.40 -2.59 0.00	29.23 -2.75 0.00	28.25 -2.76 0.00	28.15 -2.65 0.00	30.67 -3.00 0.01	33.50 -3.19 0.00	28.99 -2.49 0.00	25.49 -2.25 0.02	21.20 -1.84 0.01	19.23 -1.90 0.02	14.01 -1.14 0.00	13.00 -1.10 0.00	11.73 -1.02 0.00	10.90 -1.00 0.02	11.72 -1.15 0.02	13.95 -1.45 0.02	21.70 -2.49 0.02	25.78 -3.74 6.41	34.70 -5.31 9.62	34.77 -5.93 13.17	32.72 -4.20 3.47	25.66 -3.04 1.38	20.56 -2.42 2.48

HUNTLEY___68 23562	31.13 -3.85 0.02	32.40 -2.59 0.00	29.23 -2.75 0.00	28.25 -2.76 0.00	28.15 -2.65 0.00	30.67 -3.00 0.01	33.50 -3.19 0.00	28.99 -2.49 0.00	25.49 -2.25 0.02	21.20 -1.84 0.01	19.23 -1.90 0.02	14.01 -1.14 0.00	13.00 -1.10 0.00	11.73 -1.02 0.00	10.90 -1.00 0.02	11.72 -1.15 0.02	13.95 -1.45 0.02	21.70 -2.49 0.02	25.78 -3.74 6.41	34.70 -5.31 9.62	34.77 -5.93 13.17	32.72 -4.20 3.47	25.66 -3.04 1.38	20.56 -2.42 2.48
HYLAND___LFGE 323620	34.25 -0.74 0.02	35.03 0.04 0.00	31.72 -0.26 0.00	30.76 -0.25 0.00	30.70 -0.09 0.00	33.50 -0.17 0.01	36.76 0.07 0.00	31.20 -0.28 0.00	27.02 -0.72 0.02	22.12 -0.92 0.01	19.87 -1.27 0.02	14.42 -0.73 0.00	13.32 -0.78 0.00	12.06 -0.69 0.00	11.23 -0.67 0.02	12.13 -0.73 0.02	14.59 -0.80 0.02	23.15 -1.04 0.02	32.41 -0.97 2.55	38.25 -0.65 10.73	38.57 -0.59 14.70	35.26 -0.81 4.32	27.73 -0.66 1.69	21.91 -0.58 2.96
INDECK___CORINTH 23802	37.11 2.10 0.00	37.16 2.17 0.00	33.90 1.92 0.00	32.91 1.89 0.00	32.67 1.88 0.00	35.73 2.05 0.00	38.85 2.16 0.00	33.18 1.70 0.00	29.09 1.33 0.00	24.14 1.08 0.00	22.13 0.97 0.00	15.76 0.61 0.00	14.66 0.56 0.00	13.25 0.50 0.00	12.40 0.48 0.00	13.37 0.48 0.00	16.11 0.69 0.00	25.37 1.16 0.00	37.79 1.87 0.00	52.56 2.93 0.00	56.99 3.12 0.00	43.14 2.75 0.00	32.10 2.02 0.00	28.36 1.65 -1.25
INDECK___ILION 23567	35.60 0.60 0.00	35.45 0.45 0.00	32.39 0.42 0.00	31.39 0.37 0.00	31.13 0.34 0.00	34.01 0.34 0.00	37.05 0.37 0.00	31.76 0.28 0.00	27.92 0.17 0.00	23.03 -0.02 0.00	21.03 -0.13 0.00	15.00 -0.15 0.00	13.90 -0.20 0.00	12.50 -0.26 0.00	11.65 -0.27 0.00	12.56 -0.34 0.00	15.00 -0.42 0.00	23.62 -0.58 0.00	35.42 -0.50 0.00	49.63 0.00 0.00	54.30 0.43 0.00	40.96 0.57 0.00	30.44 0.36 0.00	25.74 0.28 0.00
INDECK___OLEAN 23982	32.84 -2.14 0.03	32.72 -2.27 0.00	29.55 -2.43 0.00	28.56 -2.45 0.00	28.45 -2.34 0.00	30.97 -2.69 0.01	33.86 -2.82 0.00	29.43 -2.05 0.00	25.82 -1.91 0.02	21.29 -1.75 0.01	20.28 -0.85 0.03	14.01 -1.14 0.00	12.98 -1.11 0.00	11.71 -1.05 0.00	11.00 -0.89 0.03	11.98 -0.89 0.03	14.36 -1.03 0.03	22.97 -1.21 0.02	27.40 -1.58 6.94	35.40 -2.18 12.04	34.84 -2.53 16.49	34.26 -1.74 4.39	27.16 -1.20 1.72	21.38 -0.87 3.21
INDECK___OSWEGO 23783	34.17 -0.84 0.00	34.29 -0.70 0.00	31.30 -0.67 0.00	30.36 -0.65 0.00	30.18 -0.62 0.00	33.00 -0.67 0.00	36.03 -0.66 0.00	30.85 -0.63 0.00	27.17 -0.58 0.00	22.55 -0.51 0.00	20.65 -0.51 0.00	14.86 -0.29 0.00	13.83 -0.27 0.00	12.53 -0.22 0.00	11.71 -0.21 0.00	12.65 -0.25 0.00	15.12 -0.29 0.00	23.74 -0.46 0.00	35.17 -0.76 0.00	48.64 -0.99 0.00	52.79 -1.08 0.00	38.66 -0.89 0.84	29.12 -0.63 0.33	25.01 -0.54 -0.09
INDECK___YERKES 23781	30.96 -4.02 0.02	32.33 -2.66 0.00	29.16 -2.81 0.00	28.22 -2.79 0.00	28.11 -2.68 0.00	30.60 -3.06 0.01	33.42 -3.27 0.00	28.95 -2.52 0.01	25.57 -2.17 0.02	21.18 -1.87 0.01	19.00 -2.14 0.02	14.01 -1.14 0.00	12.98 -1.11 0.00	11.72 -1.03 0.00	10.90 -1.00 0.02	11.71 -1.16 0.02	13.90 -1.50 0.02	21.54 -2.64 0.02	26.19 -3.70 6.04	35.14 -5.21 9.28	35.29 -5.87 12.71	32.75 -4.24 3.40	25.77 -2.98 1.34	20.81 -2.27 2.38
INDIAN POINT_GT_1 24139	36.97 1.96 0.00	36.88 1.89 0.00	33.77 1.79 0.00	32.81 1.80 0.00	32.49 1.69 0.00	35.52 1.85 0.00	38.52 1.83 0.00	33.27 1.79 0.00	29.70 1.94 0.00	24.78 1.73 0.00	22.85 1.69 0.00	16.12 0.97 0.00	15.10 1.00 0.00	13.64 0.89 0.00	12.82 0.89 0.00	13.90 1.01 0.00	16.59 1.17 0.00	26.02 1.82 0.00	38.51 2.59 0.00	52.80 3.18 0.00	57.48 3.61 0.00	44.12 2.79 -0.95	32.56 2.11 -0.37	28.32 1.81 -1.06
INDIAN POINT_GT_2 23659	36.97 1.96 0.00	36.88 1.89 0.00	33.77 1.79 0.00	32.81 1.80 0.00	32.49 1.69 0.00	35.52 1.85 0.00	38.52 1.83 0.00	33.27 1.79 0.00	29.70 1.94 0.00	24.78 1.73 0.00	22.85 1.69 0.00	16.12 0.97 0.00	15.10 1.00 0.00	13.64 0.89 0.00	12.82 0.89 0.00	13.90 1.01 0.00	16.59 1.17 0.00	26.02 1.82 0.00	38.51 2.59 0.00	52.80 3.18 0.00	57.48 3.61 0.00	44.12 2.79 -0.95	32.56 2.11 -0.37	28.32 1.81 -1.06
INDIAN POINT_GT_3 24019	36.97 1.96 0.00	36.88 1.89 0.00	33.77 1.79 0.00	32.81 1.80 0.00	32.49 1.69 0.00	35.52 1.85 0.00	38.52 1.83 0.00	33.27 1.79 0.00	29.70 1.94 0.00	24.78 1.73 0.00	22.85 1.69 0.00	16.12 0.97 0.00	15.10 1.00 0.00	13.64 0.89 0.00	12.82 0.89 0.00	13.90 1.01 0.00	16.59 1.17 0.00	26.02 1.82 0.00	38.51 2.59 0.00	52.80 3.18 0.00	57.48 3.61 0.00	44.12 2.79 -0.95	32.56 2.11 -0.37	28.32 1.81 -1.06
INDIAN POINT___2 23530	36.93 1.92 0.00	36.88 1.89 0.00	33.74 1.76 0.00	32.78 1.77 0.00	32.46 1.66 0.00	35.52 1.85 0.00	38.48 1.80 0.00	33.27 1.79 0.00	29.65 1.89 0.00	24.78 1.73 0.00	22.83 1.67 0.00	16.12 0.97 0.00	15.10 1.00 0.00	13.64 0.89 0.00	12.82 0.89 0.00	13.90 1.01 0.00	16.59 1.17 0.00	26.02 1.82 0.00	38.52 2.59 0.00	52.81 3.18 0.00	57.42 3.55 0.00	44.14 2.78 -0.96	32.53 2.07 -0.37	28.62 1.78 -1.39
INDIAN POINT___3 23531	36.93 1.93 0.00	36.88 1.89 0.00	33.74 1.76 0.00	32.78 1.77 0.00	32.46 1.66 0.00	35.52 1.85 0.00	38.49 1.80 0.00	33.27 1.79 0.00	29.70 1.94 0.00	24.78 1.73 0.00	22.83 1.67 0.00	16.10 0.95 0.00	15.08 0.99 0.00	13.64 0.89 0.00	12.82 0.89 0.00	13.88 0.99 0.00	16.59 1.17 0.00	26.02 1.82 0.00	38.51 2.59 0.00	52.80 3.18 0.00	57.42 3.56 0.00	44.08 2.75 -0.94	32.53 2.08 -0.37	28.30 1.78 -1.06
INDIANHD_69_KV_BK1 55831	50.38 3.05 -12.33	47.26 3.01 -9.26	47.16 2.75 -12.43	34.02 3.01 0.00	33.63 2.83 0.00	36.74 3.06 0.00	39.88 3.19 0.00	34.28 2.80 0.00	30.28 2.53 0.00	25.22 2.17 0.00	23.26 2.09 -0.01	16.50 1.35 0.00	15.52 1.42 0.00	14.06 1.31 0.00	13.31 1.38 -0.01	14.43 1.53 0.00	17.16 1.74 0.00	27.09 2.88 -0.01	45.72 4.24 -5.55	54.85 5.21 -0.01	59.59 5.71 -0.01	51.89 4.52 -6.97	33.92 3.46 -0.37	29.46 2.93 -1.07
INGHAM_C_115KV_TB7 356103	35.60 0.60 0.00	35.45 0.45 0.00	32.39 0.42 0.00	31.39 0.37 0.00	31.13 0.34 0.00	34.01 0.34 0.00	37.05 0.37 0.00	31.76 0.28 0.00	27.92 0.17 0.00	23.03 -0.02 0.00	21.03 -0.13 0.00	15.00 -0.15 0.00	13.90 -0.20 0.00	12.50 -0.26 0.00	11.65 -0.27 0.00	12.56 -0.34 0.00	15.00 -0.42 0.00	23.62 -0.58 0.00	35.42 -0.50 0.00	49.63 0.00 0.00	54.30 0.43 0.00	40.96 0.57 0.00	30.44 0.36 0.00	25.74 0.28 0.00
IP CORINTH___1 23988	37.11 2.10 0.00	37.16 2.17 0.00	33.90 1.92 0.00	32.91 1.89 0.00	32.67 1.88 0.00	35.73 2.05 0.00	38.85 2.16 0.00	33.18 1.70 0.00	29.12 1.36 0.00	24.14 1.08 0.00	22.11 0.95 0.00	15.75 0.61 0.00	14.66 0.56 0.00	13.25 0.50 0.00	12.40 0.48 0.00	13.37 0.48 0.00	16.11 0.69 0.00	25.37 1.16 0.00	37.80 1.87 0.00	52.56 2.93 0.00	56.99 3.12 0.00	43.14 2.75 0.00	32.10 2.02 0.00	28.36 1.65 -1.25

IP___TICONDEROGA 23804	37.88 2.87 0.00	38.00 3.01 0.00	34.63 2.65 0.00	33.62 2.61 0.00	33.38 2.59 0.00	36.50 2.83 0.00	39.66 2.97 0.00	33.68 2.20 0.00	29.37 1.61 0.00	24.27 1.22 0.00	22.19 1.04 0.00	15.82 0.67 0.00	14.70 0.61 0.00	13.26 0.51 0.00	12.42 0.50 0.00	13.42 0.53 0.00	16.25 0.83 0.00	25.68 1.48 0.00	38.51 2.59 0.00	53.90 4.27 0.00	58.45 4.58 0.00	44.19 3.80 0.00	32.85 2.77 0.00	28.87 2.16 -1.25
ISLIP_RES_REC 323679	50.28 2.94 -12.33	47.16 2.90 -9.26	47.06 2.65 -12.43	33.93 2.91 0.00	33.53 2.74 0.00	36.64 2.96 0.00	39.77 3.08 0.00	34.19 2.71 0.00	30.14 2.39 0.00	25.18 2.12 -0.01	23.26 2.10 -0.01	16.47 1.32 0.00	15.48 1.38 0.00	14.03 1.27 0.00	13.28 1.35 -0.01	14.33 1.44 0.00	17.11 1.70 0.00	27.00 2.78 -0.01	45.58 4.06 -5.59	54.60 4.96 -0.01	59.32 5.44 -0.01	51.77 4.36 -7.02	33.79 3.34 -0.37	29.35 2.83 -1.07
JAMAICA__27_KV_LOAD 355505	37.18 2.17 0.00	37.05 2.06 0.00	33.93 1.95 0.00	32.94 1.92 0.00	32.61 1.82 0.00	35.76 2.09 0.00	38.71 2.02 0.00	33.62 2.14 0.00	30.17 2.41 0.00	25.22 2.17 0.00	23.24 2.07 -0.01	16.28 1.14 0.00	15.30 1.20 0.00	13.81 1.06 0.00	12.98 1.06 0.00	14.09 1.20 0.00	16.80 1.39 0.00	26.36 2.15 0.00	38.80 2.87 0.00	53.00 3.37 0.00	57.69 3.82 0.00	44.23 2.91 -0.93	32.70 2.26 -0.36	28.45 1.93 -1.06
JANIS___SOLAR 323808	36.09 1.09 0.00	36.25 1.26 0.00	33.03 1.05 0.00	31.98 0.96 0.00	31.84 1.05 0.00	34.88 1.21 0.00	38.23 1.54 0.00	32.49 1.01 0.00	28.34 0.58 0.00	23.24 0.18 0.00	21.22 0.06 0.00	15.21 0.06 0.00	14.13 0.03 0.00	12.79 0.04 0.00	11.96 0.04 0.00	12.98 0.09 0.00	15.60 0.19 0.00	24.78 0.58 0.00	37.42 1.29 -0.20	51.87 2.24 0.00	56.24 2.37 -0.01	42.17 1.78 0.00	31.29 1.20 0.00	26.74 0.94 -0.34
JARVIS____ 23743	35.15 0.14 0.00	35.17 0.18 0.00	32.14 0.16 0.00	31.17 0.16 0.00	30.95 0.15 0.00	33.84 0.17 0.00	36.83 0.15 0.00	31.61 0.13 0.00	27.90 0.14 0.00	23.17 0.12 0.00	21.26 0.11 0.00	15.21 0.06 0.00	14.17 0.07 0.00	12.80 0.05 0.00	11.98 0.06 0.00	12.96 0.06 0.00	15.49 0.08 0.00	24.33 0.12 0.00	36.11 0.18 0.00	49.88 0.25 0.00	54.19 0.33 0.00	40.63 0.24 0.00	30.26 0.18 0.00	25.61 0.15 0.00
JENNISON___1 23625	36.34 1.33 -0.01	36.39 1.40 0.00	33.16 1.18 0.00	32.16 1.15 0.00	31.93 1.14 0.00	34.99 1.31 0.00	38.56 1.87 0.00	32.96 1.48 0.00	28.79 1.03 -0.01	23.68 0.62 0.00	21.70 0.53 -0.01	15.53 0.38 0.00	14.46 0.37 0.00	13.11 0.36 0.00	12.28 0.35 -0.01	13.29 0.39 -0.01	15.90 0.48 -0.01	25.11 0.90 -0.01	39.71 1.47 -2.31	56.20 2.33 -4.24	62.31 2.64 -5.81	45.29 2.10 -2.80	32.62 1.44 -1.09	28.38 1.15 -1.78
JENNISON___2 23626	36.34 1.33 -0.01	36.39 1.40 0.00	33.16 1.18 0.00	32.16 1.15 0.00	31.93 1.14 0.00	34.99 1.31 0.00	38.56 1.87 0.00	32.96 1.48 0.00	28.79 1.03 -0.01	23.68 0.62 0.00	21.70 0.53 -0.01	15.53 0.38 0.00	14.46 0.37 0.00	13.11 0.36 0.00	12.28 0.35 -0.01	13.29 0.39 -0.01	15.90 0.48 -0.01	25.11 0.90 -0.01	39.71 1.47 -2.31	56.20 2.33 -4.24	62.31 2.64 -5.81	45.29 2.10 -2.80	32.62 1.44 -1.09	28.38 1.15 -1.78
JERICHO_RISE_WT_PWR 323719	34.72 -0.28 0.00	34.47 -0.52 0.00	31.60 -0.38 0.00	30.61 -0.40 0.00	30.39 -0.40 0.00	33.20 -0.47 0.00	36.32 -0.37 0.00	31.10 -0.38 0.00	27.34 -0.42 0.00	22.64 -0.41 0.00	20.78 -0.38 0.00	14.86 -0.29 0.00	13.79 -0.31 0.00	12.45 -0.31 0.00	11.59 -0.33 0.00	12.50 -0.39 0.00	14.95 -0.46 0.00	23.50 -0.70 0.00	35.03 -0.90 0.00	48.68 -0.94 0.00	52.84 -1.03 0.00	39.58 -0.81 0.00	29.36 -0.72 0.00	24.74 -0.71 0.00
KATONAH___115KV_46KV_TB4 355592	37.11 2.10 0.00	37.05 2.06 0.00	33.90 1.92 0.00	32.94 1.92 0.00	32.61 1.82 0.00	35.69 2.02 0.00	38.67 1.98 0.00	33.40 1.92 0.00	29.78 2.03 0.00	24.83 1.78 0.00	22.87 1.71 0.00	16.16 1.01 0.00	15.14 1.04 0.00	13.68 0.93 0.00	12.85 0.93 0.00	13.94 1.04 0.00	16.63 1.22 0.00	26.09 1.89 0.00	38.69 2.77 0.00	53.05 3.42 0.00	57.69 3.82 0.00	44.25 2.95 -0.91	32.63 2.20 -0.36	28.41 1.88 -1.07
KCE_NY_1 323755	36.86 1.85 0.00	36.91 1.92 0.00	33.70 1.73 0.00	32.72 1.70 0.00	32.46 1.66 0.00	35.49 1.82 0.00	38.56 1.87 0.00	32.99 1.51 0.00	29.01 1.25 0.00	24.07 1.01 0.00	22.09 0.93 0.00	15.72 0.58 0.00	14.65 0.55 0.00	13.24 0.48 0.00	12.40 0.48 0.00	13.42 0.53 0.00	16.14 0.72 0.00	25.39 1.19 0.00	37.79 1.87 0.00	52.41 2.78 0.00	56.88 3.01 0.00	42.85 2.46 0.00	31.89 1.80 0.00	28.20 1.50 -1.25
KCE_NY_6_ESR 323823	31.62 -3.36 0.02	32.65 -2.34 0.00	29.45 -2.53 0.00	28.47 -2.54 0.00	28.36 -2.43 0.00	30.90 -2.76 0.01	33.75 -2.94 0.00	29.24 -2.23 0.00	25.77 -1.97 0.02	21.27 -1.77 0.01	19.36 -1.78 0.02	14.03 -1.12 0.00	13.01 -1.09 0.00	11.73 -1.02 0.00	10.92 -0.98 0.02	11.77 -1.10 0.02	14.01 -1.39 0.02	21.94 -2.25 0.02	25.88 -3.30 6.75	34.83 -4.56 10.23	34.68 -5.17 14.01	32.96 -3.72 3.72	25.97 -2.65 1.47	20.76 -2.04 2.66
KEDC_PORT_JEFF_GT2 24210	50.17 2.83 -12.33	47.06 2.80 -9.26	46.97 2.56 -12.43	33.84 2.82 0.00	33.44 2.65 0.00	36.53 2.86 0.00	39.66 2.97 0.00	34.09 2.61 0.00	30.09 2.33 0.00	25.11 2.05 -0.01	23.19 2.03 -0.01	16.44 1.29 0.00	15.45 1.35 0.00	14.00 1.25 0.00	13.24 1.31 -0.01	14.30 1.41 0.00	17.07 1.65 0.00	26.92 2.71 -0.01	45.39 3.92 -5.55	54.35 4.72 -0.01	59.05 5.17 -0.01	51.56 4.20 -6.97	33.68 3.22 -0.37	29.25 2.73 -1.07
KEDC_PORT_JEFF_GT3 24211	50.17 2.83 -12.33	47.06 2.80 -9.26	46.97 2.56 -12.43	33.84 2.82 0.00	33.44 2.65 0.00	36.53 2.86 0.00	39.66 2.97 0.00	34.09 2.61 0.00	30.09 2.33 0.00	25.11 2.05 -0.01	23.19 2.03 -0.01	16.44 1.29 0.00	15.45 1.35 0.00	14.00 1.25 0.00	13.24 1.31 -0.01	14.30 1.41 0.00	17.07 1.65 0.00	26.92 2.71 -0.01	45.39 3.92 -5.55	54.35 4.72 -0.01	59.05 5.17 -0.01	51.56 4.20 -6.97	33.68 3.22 -0.37	29.25 2.73 -1.07
KEDC_GLWD_GT4 24219	49.86 2.52 -12.33	46.70 2.45 -9.26	46.71 2.30 -12.43	33.31 2.29 0.00	32.95 2.15 0.00	36.03 2.36 0.00	39.07 2.38 0.00	33.72 2.24 0.00	29.98 2.22 0.00	25.06 2.00 -0.01	23.11 1.95 -0.01	16.33 1.18 0.00	15.32 1.23 0.00	13.87 1.12 0.00	13.07 1.13 -0.01	14.12 1.23 0.00	16.85 1.43 0.00	26.49 2.27 -0.01	47.96 3.16 -8.87	53.52 3.87 -0.01	58.24 4.36 -0.01	54.37 3.39 -10.59	33.02 2.56 -0.38	28.75 2.21 -1.08
KEDC_GLWD_GT5 24220	49.86 2.52 -12.33	46.70 2.45 -9.26	46.71 2.30 -12.43	33.31 2.29 0.00	32.95 2.15 0.00	36.03 2.36 0.00	39.07 2.38 0.00	33.72 2.24 0.00	29.98 2.22 0.00	25.06 2.00 -0.01	23.11 1.95 -0.01	16.33 1.18 0.00	15.32 1.23 0.00	13.87 1.12 0.00	13.07 1.13 -0.01	14.12 1.23 0.00	16.85 1.43 0.00	26.49 2.27 -0.01	47.96 3.16 -8.87	53.52 3.87 -0.01	58.24 4.36 -0.01	54.37 3.39 -10.59	33.02 2.56 -0.38	28.75 2.21 -1.08

KENSICO____ 23655	37.04 2.03 0.00	36.95 1.96 0.00	33.83 1.85 0.00	32.87 1.86 0.00	32.55 1.76 0.00	35.62 1.95 0.00	38.60 1.91 0.00	33.37 1.89 0.00	29.81 2.05 0.00	24.87 1.82 0.00	22.91 1.76 0.00	16.16 1.01 0.00	15.14 1.04 0.00	13.68 0.93 0.00	12.86 0.94 0.00	13.94 1.04 0.00	16.63 1.22 0.00	26.09 1.89 0.00	38.62 2.69 0.00	52.90 3.28 0.00	57.58 3.72 0.00	44.19 2.87 -0.94	32.61 2.17 -0.36	28.38 1.86 -1.06
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	37.14 2.14 0.00	37.09 2.10 0.00	33.90 1.92 0.00	32.94 1.92 0.00	32.61 1.82 0.00	35.73 2.05 0.00	38.74 2.05 0.00	33.37 1.89 0.00	29.62 1.86 0.00	24.64 1.59 0.00	22.68 1.52 0.00	16.06 0.91 0.00	15.04 0.94 0.00	13.58 0.83 0.00	12.78 0.86 0.00	13.85 0.95 0.00	16.54 1.13 0.00	26.00 1.79 0.00	39.32 2.73 -0.66	54.41 3.57 -1.21	59.62 4.09 -1.66	44.57 3.15 -1.03	32.68 2.20 -0.40	28.74 1.88 -1.40
KIAC_JFK_GT1 23816	37.00 2.00 0.00	36.88 1.89 0.00	33.77 1.79 0.00	32.81 1.80 0.00	32.49 1.69 0.00	35.59 1.92 0.00	38.49 1.80 0.00	33.46 1.98 0.00	30.03 2.28 0.00	25.10 2.05 0.00	23.13 1.97 -0.01	16.21 1.06 0.00	15.22 1.13 0.00	13.76 1.01 0.00	12.92 1.00 0.00	14.03 1.13 0.00	16.73 1.31 0.00	26.24 2.03 0.00	38.59 2.66 0.00	52.75 3.13 0.00	57.37 3.50 0.00	43.99 2.67 -0.93	32.55 2.11 -0.36	28.33 1.81 -1.06
KIAC_JFK_GT2 23817	37.00 2.00 0.00	36.88 1.89 0.00	33.77 1.79 0.00	32.81 1.80 0.00	32.49 1.69 0.00	35.59 1.92 0.00	38.49 1.80 0.00	33.46 1.98 0.00	30.03 2.28 0.00	25.10 2.05 0.00	23.13 1.97 -0.01	16.21 1.06 0.00	15.22 1.13 0.00	13.76 1.01 0.00	12.92 1.00 0.00	14.03 1.13 0.00	16.73 1.31 0.00	26.24 2.03 0.00	38.59 2.66 0.00	52.75 3.13 0.00	57.37 3.50 0.00	43.99 2.67 -0.93	32.55 2.11 -0.36	28.33 1.81 -1.06
KIAC_JFK____ 323774	37.00 1.99 0.00	36.88 1.89 0.00	33.77 1.79 0.00	32.81 1.80 0.00	32.49 1.69 0.00	35.59 1.92 0.00	38.48 1.80 0.00	33.46 1.98 0.00	29.98 2.22 0.00	25.11 2.05 -0.01	23.11 1.95 -0.01	16.21 1.06 0.00	15.23 1.13 0.00	13.76 1.01 0.00	12.92 1.00 0.00	14.01 1.12 0.00	16.73 1.31 0.00	26.24 2.03 0.00	38.59 2.66 0.00	52.66 3.03 0.00	57.32 3.45 0.00	44.03 2.71 -0.93	32.67 2.23 -0.36	28.30 1.78 -1.06
KINTIGH_24_KV_GSU 356498	31.17 -3.81 0.02	32.72 -2.27 0.00	29.55 -2.43 0.00	28.59 -2.42 0.00	28.48 -2.31 0.00	31.04 -2.63 0.01	33.94 -2.75 0.00	29.34 -2.14 0.00	25.89 -1.86 0.01	21.46 -1.59 0.01	19.00 -2.14 0.02	14.21 -0.94 0.00	13.18 -0.92 0.00	11.91 -0.84 0.00	11.05 -0.86 0.02	11.84 -1.03 0.02	14.07 -1.33 0.02	21.77 -2.42 0.01	27.17 -3.77 4.99	36.32 -5.41 7.90	37.05 -5.98 10.83	33.35 -4.20 2.84	26.03 -2.95 1.10	21.21 -2.37 1.88
KINTIGH____ 23543	31.17 -3.82 0.02	32.72 -2.27 0.00	29.55 -2.43 0.00	28.59 -2.42 0.00	28.48 -2.31 0.00	31.04 -2.63 0.01	33.94 -2.75 0.00	29.28 -2.20 0.00	25.80 -1.94 0.01	21.46 -1.59 0.01	19.30 -1.84 0.02	14.21 -0.94 0.00	13.18 -0.92 0.00	11.91 -0.84 0.00	11.05 -0.86 0.02	11.84 -1.03 0.02	14.07 -1.33 0.02	21.77 -2.42 0.01	27.16 -3.77 4.99	36.36 -5.36 7.90	37.06 -5.98 10.83	33.43 -4.12 2.85	26.03 -2.95 1.11	21.18 -2.39 1.88
KNTFSRNC_46_KV_46KV_LOAD 80397	35.08 0.07 0.00	34.85 -0.14 0.00	31.91 -0.06 0.00	30.89 -0.12 0.00	30.70 -0.09 0.00	33.50 -0.17 0.00	36.69 0.00 0.00	31.42 -0.06 0.00	27.51 -0.25 0.00	22.82 -0.23 0.00	20.99 -0.17 0.00	15.01 -0.14 0.00	13.91 -0.18 0.00	12.55 -0.20 0.00	11.68 -0.24 0.00	12.62 -0.27 0.00	15.09 -0.32 0.00	23.74 -0.46 0.00	35.42 -0.50 0.00	49.33 -0.30 0.00	53.54 -0.32 0.00	40.11 -0.28 0.00	29.69 -0.39 0.00	25.02 -0.43 0.00
LACHUTE____HYDRO 323717	37.88 2.87 0.00	38.00 3.01 0.00	34.63 2.65 0.00	33.62 2.61 0.00	33.38 2.59 0.00	36.50 2.83 0.00	39.66 2.97 0.00	33.68 2.20 0.00	29.37 1.61 0.00	24.27 1.22 0.00	22.21 1.06 0.00	15.81 0.67 0.00	14.70 0.61 0.00	13.26 0.51 0.00	12.42 0.50 0.00	13.42 0.53 0.00	16.25 0.83 0.00	25.68 1.48 0.00	38.52 2.59 0.00	53.90 4.27 0.00	58.44 4.58 0.00	44.19 3.80 0.00	32.85 2.77 0.00	28.89 2.19 -1.25
LAWRNCV_115KV_TB1 80681	34.20 -0.81 0.00	33.87 -1.12 0.00	31.05 -0.93 0.00	30.02 -0.99 0.00	29.81 -0.99 0.00	32.56 -1.11 0.00	35.66 -1.03 0.00	30.47 -1.01 0.00	26.54 -1.22 0.00	21.99 -1.06 0.00	20.25 -0.91 0.00	14.48 -0.67 0.00	13.45 -0.65 0.00	12.14 -0.61 0.00	11.30 -0.62 0.00	12.22 -0.67 0.00	14.58 -0.83 0.00	22.95 -1.26 0.00	34.35 -1.58 0.00	47.89 -1.74 0.00	51.98 -1.89 0.00	39.02 -1.37 0.00	28.97 -1.11 0.00	24.45 -1.02 -0.02
LEDERLE____ 23769	37.11 2.10 0.00	37.02 2.03 0.00	33.86 1.89 0.00	32.91 1.89 0.00	32.58 1.79 0.00	35.66 1.99 0.00	38.63 1.94 0.00	33.40 1.92 0.00	29.78 2.03 0.00	24.83 1.78 0.00	22.87 1.71 0.00	16.15 1.00 0.00	15.14 1.04 0.00	13.68 0.93 0.00	12.85 0.93 0.00	13.94 1.04 0.00	16.63 1.22 0.00	26.09 1.89 0.00	39.27 2.73 -0.61	54.16 3.42 -1.11	59.27 3.88 -1.52	44.35 2.99 -0.98	32.66 2.20 -0.38	28.75 1.91 -1.38
LIGHTHSE_115KV_TB6 355974	34.52 -0.49 0.00	34.61 -0.38 0.00	31.59 -0.38 0.00	30.64 -0.37 0.00	30.45 -0.34 0.00	33.30 -0.37 0.00	36.28 -0.40 0.00	31.04 -0.44 0.00	27.20 -0.56 0.00	22.50 -0.55 0.00	20.71 -0.44 0.00	14.88 -0.27 0.00	13.83 -0.27 0.00	12.53 -0.22 0.00	11.69 -0.23 0.00	12.62 -0.27 0.00	15.06 -0.35 0.00	23.70 -0.51 0.00	35.39 -0.54 0.00	49.13 -0.50 0.00	53.44 -0.43 0.00	39.32 -0.28 0.79	29.53 -0.24 0.31	25.31 -0.23 -0.08
LINDEN COGEN____ 23786	37.04 2.03 0.00	36.91 1.92 0.00	33.80 1.82 0.00	32.81 1.80 0.00	32.49 1.69 0.00	35.56 1.88 0.00	38.52 1.83 0.00	33.40 1.92 0.00	29.92 2.17 0.00	25.06 2.00 -0.01	23.09 1.93 -0.01	16.22 1.08 0.00	15.23 1.13 0.00	13.76 1.01 0.00	12.92 1.00 0.00	14.01 1.12 0.00	16.73 1.31 0.00	26.19 1.99 0.00	38.66 2.73 0.00	52.85 3.22 0.00	57.53 3.66 0.00	44.15 2.83 -0.93	32.61 2.17 -0.36	28.38 1.86 -1.06
LINDHRST_69_KV_BK1 356055	50.35 3.01 -12.33	47.19 2.94 -9.26	47.13 2.72 -12.43	33.84 2.82 0.00	33.44 2.65 0.00	36.57 2.90 0.00	39.66 2.97 0.00	34.12 2.64 0.00	30.23 2.47 0.00	25.20 2.14 0.00	23.24 2.07 -0.01	16.48 1.33 0.00	15.49 1.40 0.00	14.03 1.28 0.00	13.27 1.34 -0.01	14.36 1.47 0.00	17.06 1.65 0.00	26.93 2.71 -0.01	46.20 3.92 -6.35	54.45 4.81 -0.01	59.16 5.28 -0.01	52.43 4.20 -7.84	33.62 3.16 -0.38	29.25 2.72 -1.07
LIPA_MISC_IPP 23656	50.03 2.70 -12.33	46.95 2.69 -9.26	46.84 2.43 -12.43	33.71 2.70 0.00	33.32 2.53 0.00	36.40 2.73 0.00	39.51 2.82 0.00	33.97 2.49 0.00	30.01 2.25 0.00	24.99 1.94 0.00	23.05 1.88 -0.01	16.35 1.20 0.00	15.38 1.28 0.00	13.94 1.19 0.00	13.19 1.26 -0.01	14.30 1.41 0.00	16.99 1.57 0.00	26.80 2.59 -0.01	45.19 3.74 -5.53	54.10 4.47 -0.01	58.83 4.96 -0.01	51.30 3.96 -6.95	33.56 3.10 -0.37	29.18 2.65 -1.07

LISF___SOLAR 323691	50.10 2.76 -12.33	46.99 2.73 -9.26	46.87 2.46 -12.43	33.77 2.76 0.00	33.38 2.59 0.00	36.46 2.79 0.00	39.59 2.90 0.00	34.00 2.52 0.00	29.98 2.22 0.00	25.02 1.96 -0.01	23.11 1.95 -0.01	16.36 1.21 0.00	15.38 1.28 0.00	13.94 1.19 0.00	13.19 1.26 -0.01	14.24 1.35 0.00	17.00 1.59 0.00	26.83 2.61 -0.01	45.27 3.81 -5.54	54.20 4.56 -0.01	58.94 5.06 -0.01	51.42 4.08 -6.96	33.61 3.16 -0.37	29.20 2.67 -1.07
LITTLE FALLS___HYD 24013	35.60 0.60 0.00	35.45 0.45 0.00	32.39 0.42 0.00	31.39 0.37 0.00	31.13 0.34 0.00	34.01 0.34 0.00	37.05 0.37 0.00	31.76 0.28 0.00	27.92 0.17 0.00	23.03 -0.02 0.00	21.03 -0.13 0.00	15.00 -0.15 0.00	13.90 -0.20 0.00	12.50 -0.26 0.00	11.65 -0.27 0.00	12.56 -0.34 0.00	15.00 -0.42 0.00	23.62 -0.58 0.00	35.42 -0.50 0.00	49.63 0.00 0.00	54.30 0.43 0.00	40.96 0.57 0.00	30.44 0.36 0.00	25.74 0.28 0.00
LITTLRIV_115KV_TB1 356100	34.45 -0.56 0.00	34.12 -0.87 0.00	31.24 -0.74 0.00	30.21 -0.81 0.00	29.99 -0.80 0.00	32.80 -0.88 0.00	35.92 -0.77 0.00	30.66 -0.82 0.00	26.59 -1.17 0.00	22.02 -1.04 0.00	20.27 -0.89 0.00	14.48 -0.67 0.00	13.43 -0.66 0.00	12.13 -0.62 0.00	11.29 -0.63 0.00	12.21 -0.68 0.00	14.58 -0.83 0.00	22.99 -1.21 0.00	34.53 -1.40 0.00	48.29 -1.34 0.00	52.47 -1.40 0.00	39.38 -1.01 0.00	29.24 -0.84 0.00	24.63 -0.84 -0.02
LI_NEWBRDGE___DRP 323616	49.75 2.42 -12.33	46.60 2.34 -9.26	46.61 2.21 -12.43	33.25 2.23 0.00	32.86 2.06 0.00	35.93 2.26 0.00	38.96 2.27 0.00	33.56 2.08 0.00	29.78 2.03 0.00	24.85 1.80 0.00	22.90 1.73 -0.01	16.25 1.11 0.00	15.28 1.18 0.00	13.84 1.08 0.00	13.06 1.13 -0.01	14.14 1.25 0.00	16.79 1.37 0.00	26.41 2.20 -0.01	44.14 3.02 -5.20	53.16 3.52 -0.01	57.81 3.93 -0.01	50.13 3.15 -6.58	32.89 2.44 -0.37	28.69 2.16 -1.07
LOCKPORT_115KV_TB60_63_64 80432	30.82 -4.17 0.02	32.26 -2.73 0.00	29.10 -2.88 0.00	28.13 -2.88 0.00	28.02 -2.77 0.00	30.53 -3.13 0.01	33.39 -3.30 0.00	28.83 -2.64 0.00	25.38 -2.36 0.02	21.09 -1.96 0.01	19.04 -2.09 0.02	13.95 -1.20 0.00	13.01 -1.09 0.00	11.73 -1.02 0.00	10.84 -1.06 0.02	11.65 -1.22 0.02	13.84 -1.56 0.02	21.50 -2.69 0.02	26.63 -3.81 5.49	35.47 -5.61 8.55	35.96 -6.19 11.72	32.82 -4.36 3.21	25.76 -3.07 1.26	20.82 -2.44 2.19
LOCKPORT___CC1 323769	30.86 -4.13 0.02	32.26 -2.73 0.00	29.10 -2.88 0.00	28.16 -2.85 0.00	28.05 -2.74 0.00	30.57 -3.10 0.01	33.39 -3.30 0.00	28.93 -2.55 0.00	25.52 -2.22 0.02	21.11 -1.94 0.01	18.85 -2.29 0.02	13.97 -1.18 0.00	13.00 -1.10 0.00	11.73 -1.02 0.00	10.85 -1.05 0.02	11.66 -1.21 0.02	13.86 -1.54 0.02	21.50 -2.69 0.02	26.41 -3.88 5.64	35.32 -5.61 8.70	35.70 -6.25 11.92	32.70 -4.44 3.25	25.68 -3.13 1.27	20.79 -2.44 2.22
LOCKPORT___CC2 323770	30.86 -4.13 0.02	32.26 -2.73 0.00	29.10 -2.88 0.00	28.16 -2.85 0.00	28.05 -2.74 0.00	30.57 -3.10 0.01	33.39 -3.30 0.00	28.93 -2.55 0.00	25.52 -2.22 0.02	21.11 -1.94 0.01	18.85 -2.29 0.02	13.97 -1.18 0.00	13.00 -1.10 0.00	11.73 -1.02 0.00	10.85 -1.05 0.02	11.66 -1.21 0.02	13.86 -1.54 0.02	21.50 -2.69 0.02	26.41 -3.88 5.64	35.32 -5.61 8.70	35.70 -6.25 11.92	32.70 -4.44 3.25	25.68 -3.13 1.27	20.79 -2.44 2.22
LOCKPORT___CC3 323771	30.86 -4.13 0.02	32.26 -2.73 0.00	29.10 -2.88 0.00	28.16 -2.85 0.00	28.05 -2.74 0.00	30.57 -3.10 0.01	33.39 -3.30 0.00	28.93 -2.55 0.00	25.52 -2.22 0.02	21.11 -1.94 0.01	18.85 -2.29 0.02	13.97 -1.18 0.00	13.00 -1.10 0.00	11.73 -1.02 0.00	10.85 -1.05 0.02	11.66 -1.21 0.02	13.86 -1.54 0.02	21.50 -2.69 0.02	26.41 -3.88 5.64	35.32 -5.61 8.70	35.70 -6.25 11.92	32.70 -4.44 3.25	25.68 -3.13 1.27	20.79 -2.44 2.22
LOCUSVLY_69_KV_BK2 55797	49.96 2.63 -12.33	46.84 2.59 -9.26	46.81 2.40 -12.43	33.43 2.42 0.00	33.07 2.28 0.00	36.16 2.49 0.00	39.22 2.53 0.00	33.81 2.33 0.00	30.06 2.30 0.00	25.06 2.01 0.00	23.11 1.95 -0.01	16.38 1.23 0.00	15.38 1.28 0.00	13.91 1.16 0.00	13.13 1.19 -0.01	14.21 1.31 0.00	16.91 1.50 0.00	26.59 2.37 -0.01	47.27 3.34 -8.00	53.71 4.07 -0.01	58.35 4.47 -0.01	53.58 3.55 -9.64	33.17 2.71 -0.38	28.90 2.37 -1.08
LONG_LAKE_PHOENIX 24014	34.17 -0.84 0.00	34.29 -0.70 0.00	31.31 -0.67 0.00	30.36 -0.65 0.00	30.18 -0.62 0.00	33.03 -0.64 0.00	36.03 -0.66 0.00	30.85 -0.63 0.00	27.17 -0.58 0.00	22.55 -0.51 0.00	20.67 -0.49 0.00	14.88 -0.27 0.00	13.84 -0.25 0.00	12.55 -0.20 0.00	11.72 -0.20 0.00	12.66 -0.23 0.00	15.14 -0.28 0.00	23.77 -0.44 0.00	35.24 -0.68 0.00	48.69 -0.94 0.00	52.79 -1.08 0.00	38.64 -0.89 0.87	29.11 -0.63 0.34	24.99 -0.56 -0.09
LOVETT___3 23632	36.93 1.93 0.00	36.84 1.85 0.00	33.74 1.76 0.00	32.78 1.77 0.00	32.46 1.66 0.00	35.52 1.85 0.00	38.49 1.80 0.00	33.27 1.79 0.00	29.67 1.92 0.00	24.78 1.73 0.00	22.83 1.67 0.00	16.10 0.95 0.00	15.08 0.99 0.00	13.63 0.88 0.00	12.82 0.89 0.00	13.88 0.99 0.00	16.57 1.16 0.00	26.00 1.79 0.00	38.48 2.55 0.00	52.75 3.13 0.00	57.42 3.56 0.00	44.10 2.75 -0.97	32.54 2.08 -0.38	28.62 1.78 -1.39
LOVETT___4 23642	36.93 1.93 0.00	36.84 1.85 0.00	33.74 1.76 0.00	32.78 1.77 0.00	32.46 1.66 0.00	35.52 1.85 0.00	38.49 1.80 0.00	33.27 1.79 0.00	29.67 1.92 0.00	24.78 1.73 0.00	22.83 1.67 0.00	16.10 0.95 0.00	15.08 0.99 0.00	13.63 0.88 0.00	12.82 0.89 0.00	13.88 0.99 0.00	16.57 1.16 0.00	26.00 1.79 0.00	38.48 2.55 0.00	52.75 3.13 0.00	57.42 3.56 0.00	44.10 2.75 -0.97	32.54 2.08 -0.38	28.62 1.78 -1.39
LOVETT___5 23593	36.93 1.93 0.00	36.84 1.85 0.00	33.74 1.76 0.00	32.78 1.77 0.00	32.46 1.66 0.00	35.52 1.85 0.00	38.49 1.80 0.00	33.27 1.79 0.00	29.67 1.92 0.00	24.78 1.73 0.00	22.83 1.67 0.00	16.10 0.95 0.00	15.08 0.99 0.00	13.63 0.88 0.00	12.82 0.89 0.00	13.88 0.99 0.00	16.57 1.16 0.00	26.00 1.79 0.00	38.48 2.55 0.00	52.75 3.13 0.00	57.42 3.56 0.00	44.10 2.75 -0.97	32.54 2.08 -0.38	28.62 1.78 -1.39
LOWER RAQUET___HYD 24057	34.03 -0.98 0.00	33.73 -1.26 0.00	30.89 -1.09 0.00	29.87 -1.15 0.00	29.65 -1.14 0.00	32.43 -1.25 0.00	35.48 -1.21 0.00	30.32 -1.16 0.00	26.40 -1.36 0.00	21.83 -1.22 0.00	20.10 -1.06 0.00	14.39 -0.76 0.00	13.35 -0.75 0.00	12.05 -0.70 0.00	11.23 -0.69 0.00	12.13 -0.76 0.00	14.47 -0.94 0.00	22.78 -1.43 0.00	34.13 -1.80 0.00	47.64 -1.99 0.00	51.77 -2.10 0.00	38.86 -1.53 0.00	28.85 -1.23 0.00	24.30 -1.17 -0.02
LOWER___HUDSON 24059	36.48 1.47 0.00	36.49 1.50 0.00	33.35 1.37 0.00	32.38 1.36 0.00	32.12 1.32 0.00	35.12 1.45 0.00	38.16 1.47 0.00	32.74 1.26 0.00	28.90 1.14 0.00	24.02 0.97 0.00	22.09 0.93 0.00	15.72 0.58 0.00	14.65 0.55 0.00	13.24 0.48 0.00	12.40 0.48 0.00	13.42 0.53 0.00	16.09 0.68 0.00	25.32 1.11 0.00	37.62 1.69 0.00	51.96 2.33 0.00	56.35 2.48 0.00	42.41 2.02 0.00	31.59 1.50 0.00	27.98 1.30 -1.23

LOWVILLE_115KV_TB2 356335	34.83 -0.18 0.00	34.78 -0.21 0.00	31.79 -0.19 0.00	30.80 -0.22 0.00	30.61 -0.18 0.00	33.54 -0.13 0.00	36.72 0.04 0.00	31.35 -0.13 0.00	27.17 -0.58 0.00	22.36 -0.69 0.00	20.59 -0.57 0.00	14.68 -0.47 0.00	13.62 -0.48 0.00	12.31 -0.45 0.00	11.46 -0.46 0.00	12.38 -0.52 0.00	14.74 -0.68 0.00	23.28 -0.92 0.00	35.60 -0.32 0.00	49.78 0.15 0.00	54.14 0.27 0.00	40.71 0.32 0.00	30.32 0.24 0.00	25.61 0.10 -0.05
LUTHERFT_115KV_GLOB_FND_222 355753	36.86 1.86 0.00	36.88 1.89 0.00	33.67 1.69 0.00	32.69 1.67 0.00	32.43 1.63 0.00	35.46 1.78 0.00	38.56 1.87 0.00	32.99 1.51 0.00	29.01 1.25 0.00	24.07 1.01 0.00	22.07 0.91 0.00	15.72 0.58 0.00	14.65 0.55 0.00	13.24 0.48 0.00	12.40 0.48 0.00	13.41 0.52 0.00	16.12 0.71 0.00	25.39 1.19 0.00	37.80 1.87 0.00	52.41 2.78 0.00	56.83 2.96 0.00	42.81 2.42 0.00	31.89 1.80 0.00	28.18 1.48 -1.25
LUTHERNY_35_KV_BK2 355980	36.86 1.86 0.00	36.91 1.92 0.00	33.70 1.73 0.00	32.72 1.71 0.00	32.46 1.66 0.00	35.49 1.82 0.00	38.56 1.87 0.00	32.99 1.51 0.00	29.03 1.28 0.00	24.07 1.01 0.00	22.07 0.91 0.00	15.72 0.58 0.00	14.65 0.55 0.00	13.24 0.48 0.00	12.40 0.48 0.00	13.42 0.53 0.00	16.14 0.72 0.00	25.39 1.19 0.00	37.80 1.87 0.00	52.41 2.78 0.00	56.88 3.02 0.00	42.85 2.46 0.00	31.89 1.80 0.00	28.20 1.50 -1.25
LWR__OSWEGATCHIE_HYD 23850	34.13 -0.88 0.00	33.94 -1.05 0.00	31.05 -0.93 0.00	30.05 -0.96 0.00	29.84 -0.95 0.00	32.66 -1.01 0.00	35.73 -0.95 0.00	30.50 -0.98 0.00	26.48 -1.28 0.00	21.85 -1.20 0.00	20.16 -0.99 0.00	14.39 -0.76 0.00	13.36 -0.73 0.00	12.08 -0.68 0.00	11.24 -0.68 0.00	12.14 -0.75 0.00	14.44 -0.97 0.00	22.78 -1.43 0.00	34.45 -1.47 0.00	48.14 -1.49 0.00	52.36 -1.51 0.00	39.34 -1.05 0.00	29.30 -0.78 0.00	24.73 -0.76 -0.03
LYONS_FALL_HYD 23570	35.11 0.11 0.00	35.06 0.07 0.00	32.04 0.06 0.00	31.08 0.06 0.00	30.86 0.06 0.00	33.84 0.17 0.00	36.98 0.29 0.00	31.54 0.06 0.00	27.53 -0.22 0.00	22.68 -0.37 0.00	20.86 -0.30 0.00	14.91 -0.24 0.00	13.84 -0.25 0.00	12.52 -0.23 0.00	11.67 -0.25 0.00	12.61 -0.28 0.00	15.03 -0.38 0.00	23.72 -0.48 0.00	35.96 0.04 0.00	50.12 0.50 0.00	54.52 0.65 0.00	40.96 0.57 0.00	30.50 0.42 0.00	25.78 0.28 -0.05
MADISON__COUNTY_LFGE 323628	35.60 0.60 0.00	35.66 0.66 0.00	32.55 0.58 0.00	31.54 0.53 0.00	31.38 0.59 0.00	34.35 0.67 0.00	37.49 0.81 0.00	32.08 0.60 0.00	28.12 0.36 0.00	23.26 0.21 0.00	21.35 0.19 0.00	15.30 0.15 0.00	14.24 0.14 0.00	12.89 0.14 0.00	12.05 0.13 0.00	13.02 0.13 0.00	15.55 0.14 0.00	24.49 0.29 0.00	36.61 0.68 0.00	50.82 1.19 0.00	55.16 1.29 0.00	41.44 1.05 0.00	30.80 0.72 0.00	26.11 0.59 -0.07
MALONE__115KV_TB1 356076	34.80 -0.21 0.00	34.57 -0.42 0.00	31.69 -0.29 0.00	30.61 -0.40 0.00	30.42 -0.37 0.00	33.23 -0.44 0.00	36.43 -0.26 0.00	31.20 -0.28 0.00	27.26 -0.50 0.00	22.61 -0.44 0.00	20.82 -0.34 0.00	14.88 -0.27 0.00	13.79 -0.31 0.00	12.43 -0.32 0.00	11.58 -0.35 0.00	12.50 -0.39 0.00	14.94 -0.48 0.00	23.50 -0.70 0.00	35.14 -0.79 0.00	48.98 -0.65 0.00	53.22 -0.65 0.00	39.83 -0.57 0.00	29.51 -0.57 0.00	24.87 -0.59 0.00
MAPLEWOD_115KV_TB3 80458	36.23 1.23 0.00	36.29 1.29 0.00	33.16 1.18 0.00	32.19 1.18 0.00	31.93 1.14 0.00	34.92 1.25 0.00	37.90 1.21 0.00	32.55 1.07 0.00	28.73 0.97 0.00	23.88 0.83 0.00	21.94 0.78 0.00	15.65 0.50 0.00	14.58 0.48 0.00	13.17 0.42 0.00	12.34 0.42 0.00	13.36 0.46 0.00	16.03 0.62 0.00	25.20 0.99 0.00	37.40 1.47 0.00	51.56 1.94 0.00	55.97 2.10 0.00	42.13 1.74 0.00	31.41 1.32 0.00	27.88 1.20 -1.22
MAPLE_RIDGE_WT_1 323574	34.72 -0.28 0.00	34.71 -0.28 0.00	31.76 -0.22 0.00	30.83 -0.18 0.00	30.61 -0.18 0.00	33.47 -0.20 0.00	36.51 -0.18 0.00	31.32 -0.16 0.00	27.59 -0.17 0.00	22.89 -0.16 0.00	20.97 -0.19 0.00	15.00 -0.15 0.00	13.91 -0.18 0.00	12.56 -0.19 0.00	11.72 -0.20 0.00	12.66 -0.23 0.00	15.14 -0.28 0.00	23.82 -0.39 0.00	35.42 -0.50 0.00	49.04 -0.59 0.00	53.11 -0.75 0.00	39.74 -0.65 0.00	29.51 -0.57 0.00	24.92 -0.54 0.00
MAPLE_RIDGE_WT_2 323611	34.72 -0.28 0.00	34.71 -0.28 0.00	31.76 -0.22 0.00	30.83 -0.18 0.00	30.61 -0.18 0.00	33.47 -0.20 0.00	36.51 -0.18 0.00	31.32 -0.16 0.00	27.59 -0.17 0.00	22.89 -0.16 0.00	20.97 -0.19 0.00	15.00 -0.15 0.00	13.91 -0.18 0.00	12.56 -0.19 0.00	11.72 -0.20 0.00	12.66 -0.23 0.00	15.14 -0.28 0.00	23.82 -0.39 0.00	35.42 -0.50 0.00	49.04 -0.59 0.00	53.11 -0.75 0.00	39.74 -0.65 0.00	29.51 -0.57 0.00	24.92 -0.54 0.00
MARBLE_RIVER_WT_PWR 323696	34.72 -0.28 0.00	34.50 -0.49 0.00	31.60 -0.38 0.00	30.61 -0.40 0.00	30.39 -0.40 0.00	33.20 -0.47 0.00	36.32 -0.37 0.00	31.10 -0.38 0.00	27.34 -0.42 0.00	22.66 -0.39 0.00	20.80 -0.36 0.00	14.88 -0.27 0.00	13.80 -0.30 0.00	12.45 -0.31 0.00	11.60 -0.32 0.00	12.52 -0.37 0.00	14.97 -0.45 0.00	23.53 -0.68 0.00	35.06 -0.86 0.00	48.74 -0.89 0.00	52.84 -1.03 0.00	39.62 -0.77 0.00	29.39 -0.69 0.00	24.79 -0.66 0.00
MARSHVLE_115KV_TB1 80742	36.93 1.93 0.00	36.98 1.99 0.00	33.77 1.79 0.00	32.72 1.71 0.00	32.49 1.69 0.00	35.59 1.92 0.00	38.82 2.13 0.00	32.52 1.04 0.00	28.12 0.36 0.00	23.08 0.02 0.00	21.12 -0.04 0.00	15.10 -0.05 0.00	14.13 0.03 0.00	12.79 0.04 0.00	12.00 0.07 0.00	13.01 0.12 0.00	15.63 0.22 0.00	24.81 0.61 0.00	38.04 1.47 -0.64	53.73 2.93 -1.17	58.81 3.34 -1.61	43.92 2.59 -0.94	32.40 1.96 -0.37	28.71 1.50 -1.75
MARSH_HILL_WT_PWR 323713	32.94 -2.03 0.03	33.59 -1.40 0.00	30.35 -1.63 0.00	29.34 -1.68 0.00	29.29 -1.51 0.00	31.94 -1.72 0.01	34.93 -1.76 0.00	29.84 -1.64 0.00	25.93 -1.80 0.02	21.29 -1.75 0.01	19.46 -1.67 0.03	13.98 -1.17 0.00	12.88 -1.21 0.00	11.67 -1.08 0.00	10.85 -1.04 0.03	11.71 -1.15 0.03	14.08 -1.31 0.03	22.44 -1.74 0.02	29.02 -2.26 4.64	32.45 -2.83 14.35	30.92 -3.29 19.66	32.01 -2.59 5.80	25.59 -2.23 2.26	19.61 -1.88 3.97
MCINTYRE_115KV_TB2 80467	34.87 -0.14 0.00	34.50 -0.49 0.00	31.59 -0.38 0.00	30.55 -0.47 0.00	30.33 -0.46 0.00	33.17 -0.51 0.00	36.32 -0.37 0.00	30.98 -0.50 0.00	26.87 -0.89 0.00	22.22 -0.83 0.00	20.44 -0.72 0.00	14.62 -0.53 0.00	13.55 -0.55 0.00	12.23 -0.52 0.00	11.39 -0.54 0.00	12.32 -0.57 0.00	14.74 -0.68 0.00	23.26 -0.94 0.00	34.89 -1.04 0.00	48.88 -0.74 0.00	53.11 -0.75 0.00	39.91 -0.48 0.00	29.60 -0.48 0.00	24.94 -0.53 -0.02
MECO____69_KV_BK1 80468	37.28 2.28 0.00	37.37 2.38 0.00	34.09 2.11 0.00	33.03 2.02 0.00	32.80 2.00 0.00	35.89 2.22 0.00	39.04 2.35 0.00	32.83 1.35 0.00	28.40 0.64 0.00	23.33 0.28 0.00	21.31 0.15 0.00	15.22 0.08 0.00	14.21 0.11 0.00	12.85 0.10 0.00	12.07 0.14 0.00	13.10 0.21 0.00	15.79 0.37 0.00	25.08 0.87 0.00	37.83 1.90 0.00	53.15 3.52 0.00	57.80 3.93 0.00	44.23 3.03 -0.81	32.66 2.26 -0.32	28.52 1.73 -1.34

MENANDS__115KV_TB5 355628	36.13 1.12 0.00	36.15 1.15 0.00	33.03 1.06 0.00	32.07 1.05 0.00	31.81 1.02 0.00	34.78 1.11 0.00	37.75 1.06 0.00	32.46 0.98 0.00	28.67 0.92 0.00	23.84 0.78 0.00	21.92 0.76 0.00	15.63 0.48 0.00	14.55 0.45 0.00	13.15 0.40 0.00	12.31 0.39 0.00	13.33 0.44 0.00	15.99 0.57 0.00	25.12 0.92 0.00	37.26 1.33 0.00	51.37 1.74 0.00	55.70 1.83 0.00	41.97 1.58 0.00	31.29 1.20 0.00	27.80 1.12 -1.22
MG INDUSTRY__DRP 24185	36.16 1.16 0.00	36.22 1.22 0.00	33.10 1.12 0.00	32.13 1.12 0.00	31.87 1.08 0.00	34.85 1.18 0.00	37.79 1.10 0.00	32.39 0.91 0.00	28.53 0.78 0.00	23.70 0.65 0.00	21.77 0.61 0.00	15.53 0.38 0.00	14.46 0.37 0.00	13.07 0.32 0.00	12.24 0.32 0.00	13.25 0.36 0.00	15.89 0.48 0.00	25.00 0.80 0.00	37.22 1.29 0.00	51.37 1.74 0.00	55.75 1.89 0.00	42.64 1.58 -0.68	31.55 1.20 -0.26	27.70 1.04 -1.20
MID__OSWEGATCHIE_HYD 23849	34.13 -0.88 0.00	33.94 -1.05 0.00	31.05 -0.93 0.00	30.05 -0.96 0.00	29.84 -0.95 0.00	32.66 -1.01 0.00	35.73 -0.95 0.00	30.50 -0.98 0.00	26.48 -1.28 0.00	21.85 -1.20 0.00	20.16 -0.99 0.00	14.39 -0.76 0.00	13.36 -0.73 0.00	12.08 -0.68 0.00	11.24 -0.68 0.00	12.14 -0.75 0.00	14.44 -0.97 0.00	22.78 -1.43 0.00	34.45 -1.47 0.00	48.14 -1.49 0.00	52.36 -1.51 0.00	39.34 -1.05 0.00	29.30 -0.78 0.00	24.73 -0.76 -0.03
MID__RAQUETTE_HYD 23851	34.03 -0.98 0.00	33.73 -1.26 0.00	30.89 -1.09 0.00	29.87 -1.15 0.00	29.65 -1.14 0.00	32.43 -1.25 0.00	35.48 -1.21 0.00	30.35 -1.13 0.00	26.37 -1.39 0.00	21.83 -1.22 0.00	20.12 -1.04 0.00	14.39 -0.76 0.00	13.35 -0.75 0.00	12.05 -0.70 0.00	11.23 -0.69 0.00	12.13 -0.76 0.00	14.48 -0.94 0.00	22.78 -1.43 0.00	34.13 -1.80 0.00	47.64 -1.99 0.00	51.77 -2.10 0.00	38.86 -1.53 0.00	28.85 -1.23 0.00	24.33 -1.15 -0.02
MILLIKEN__1 23584	35.42 0.42 0.01	35.62 0.63 0.00	32.46 0.48 0.00	31.48 0.47 0.00	31.32 0.52 0.00	34.28 0.61 0.00	37.42 0.73 0.00	31.98 0.50 0.00	28.06 0.31 0.01	23.21 0.16 0.00	21.26 0.11 0.01	15.27 0.12 0.00	14.18 0.08 0.00	12.87 0.11 0.00	12.01 0.10 0.01	13.00 0.12 0.01	15.58 0.17 0.01	24.59 0.39 0.01	35.15 0.72 1.49	47.57 1.09 3.15	50.69 1.13 4.31	38.94 0.85 2.29	29.76 0.57 0.90	25.20 0.43 0.69
MILLIKEN__2 23585	35.42 0.42 0.01	35.62 0.63 0.00	32.46 0.48 0.00	31.48 0.47 0.00	31.32 0.52 0.00	34.28 0.61 0.00	37.42 0.73 0.00	31.98 0.50 0.00	28.06 0.31 0.01	23.21 0.16 0.00	21.26 0.11 0.01	15.27 0.12 0.00	14.18 0.08 0.00	12.87 0.11 0.00	12.01 0.10 0.01	13.00 0.12 0.01	15.58 0.17 0.01	24.59 0.39 0.01	35.15 0.72 1.49	47.57 1.09 3.15	50.69 1.13 4.31	38.94 0.85 2.29	29.76 0.57 0.90	25.20 0.43 0.69
MILLIKEN__DIESEL 23629	35.42 0.42 0.01	35.62 0.63 0.00	32.46 0.48 0.00	31.48 0.47 0.00	31.32 0.52 0.00	34.28 0.61 0.00	37.42 0.73 0.00	31.98 0.50 0.00	28.06 0.31 0.01	23.21 0.16 0.00	21.26 0.11 0.01	15.27 0.12 0.00	14.18 0.08 0.00	12.87 0.11 0.00	12.01 0.10 0.01	13.00 0.12 0.01	15.58 0.17 0.01	24.59 0.39 0.01	35.15 0.72 1.49	47.57 1.09 3.15	50.69 1.13 4.31	38.94 0.85 2.29	29.76 0.57 0.90	25.20 0.43 0.69
MILLSEAT__LFGE 323607	31.59 -3.39 0.02	32.89 -2.10 0.00	29.68 -2.30 0.00	28.75 -2.26 0.00	28.64 -2.16 0.00	31.21 -2.46 0.01	34.19 -2.50 0.00	29.50 -1.98 0.00	25.94 -1.80 0.01	21.43 -1.61 0.01	19.13 -2.01 0.02	14.16 -0.98 0.00	13.21 -0.89 0.00	11.91 -0.84 0.00	11.02 -0.88 0.02	11.86 -1.02 0.02	14.10 -1.29 0.02	21.96 -2.23 0.01	27.77 -3.09 5.06	37.16 -4.47 8.00	38.00 -4.90 10.96	33.72 -3.59 3.07	26.35 -2.53 1.20	21.43 -1.96 2.07
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	37.00 2.00 0.00	36.91 1.92 0.00	33.77 1.79 0.00	32.81 1.80 0.00	32.49 1.69 0.00	35.56 1.89 0.00	38.52 1.83 0.00	33.31 1.83 0.00	29.73 1.97 0.00	24.80 1.75 0.00	22.87 1.71 0.00	16.13 0.98 0.00	15.11 1.01 0.00	13.66 0.91 0.00	12.83 0.91 0.00	13.91 1.02 0.00	16.60 1.19 0.00	26.04 1.84 0.00	38.55 2.62 0.00	52.85 3.23 0.00	57.48 3.61 0.00	44.12 2.79 -0.94	32.55 2.11 -0.37	28.35 1.83 -1.06
MILLWOOD_13_KV_LOAD 356217	37.07 2.07 0.00	36.98 1.99 0.00	33.83 1.85 0.00	32.87 1.86 0.00	32.55 1.76 0.00	35.62 1.95 0.00	38.60 1.91 0.00	33.37 1.89 0.00	29.78 2.03 0.00	24.83 1.78 0.00	22.89 1.73 0.00	16.15 1.00 0.00	15.13 1.03 0.00	13.67 0.92 0.00	12.85 0.93 0.00	13.92 1.03 0.00	16.63 1.22 0.00	26.09 1.89 0.00	38.62 2.69 0.00	52.95 3.33 0.00	57.58 3.72 0.00	44.20 2.87 -0.94	32.61 2.17 -0.37	28.38 1.86 -1.06
MODEL_CITY_ENERGY 24167	30.51 -4.48 0.02	31.95 -3.04 0.00	28.81 -3.17 0.00	27.85 -3.16 0.00	27.74 -3.05 0.00	30.23 -3.43 0.01	33.05 -3.63 0.00	28.65 -2.83 0.00	25.27 -2.47 0.02	20.92 -2.12 0.01	18.66 -2.48 0.02	13.85 -1.30 0.00	12.93 -1.17 0.00	11.65 -1.10 0.00	10.76 -1.14 0.02	11.56 -1.32 0.02	13.73 -1.67 0.02	21.28 -2.91 0.02	26.16 -4.06 5.71	34.70 -6.06 8.87	35.04 -6.68 12.15	32.47 -4.64 3.27	25.52 -3.28 1.28	20.64 -2.57 2.24
MODERN_LFGE__ 323580	30.51 -4.48 0.02	31.95 -3.04 0.00	28.81 -3.17 0.00	27.85 -3.16 0.00	27.74 -3.05 0.00	30.23 -3.43 0.01	33.05 -3.63 0.00	28.65 -2.83 0.00	25.27 -2.47 0.02	20.92 -2.12 0.01	18.66 -2.48 0.02	13.85 -1.30 0.00	12.93 -1.17 0.00	11.65 -1.10 0.00	10.76 -1.14 0.02	11.56 -1.32 0.02	13.73 -1.67 0.02	21.28 -2.91 0.02	26.16 -4.06 5.71	34.70 -6.06 8.87	35.04 -6.68 12.15	32.47 -4.64 3.27	25.52 -3.28 1.28	20.64 -2.57 2.24
MOHAWK_PAPER__DRP 24187	36.23 1.23 0.00	36.29 1.29 0.00	33.16 1.18 0.00	32.19 1.18 0.00	31.93 1.14 0.00	34.92 1.25 0.00	37.90 1.21 0.00	32.55 1.07 0.00	28.73 0.97 0.00	23.88 0.83 0.00	21.94 0.78 0.00	15.65 0.50 0.00	14.58 0.48 0.00	13.17 0.42 0.00	12.34 0.42 0.00	13.36 0.46 0.00	16.03 0.62 0.00	25.20 0.99 0.00	37.40 1.47 0.00	51.56 1.94 0.00	55.97 2.10 0.00	42.13 1.74 0.00	31.41 1.32 0.00	27.88 1.20 -1.22
MOHICAN__35_KV_115KV_LD 80490	37.18 2.17 0.00	37.23 2.24 0.00	33.99 2.01 0.00	32.97 1.95 0.00	32.73 1.94 0.00	35.79 2.12 0.00	38.93 2.24 0.00	33.21 1.73 0.00	29.17 1.42 0.00	24.16 1.11 0.00	22.13 0.97 0.00	15.77 0.62 0.00	14.67 0.58 0.00	13.25 0.50 0.00	12.41 0.49 0.00	13.39 0.50 0.00	16.16 0.74 0.00	25.44 1.23 0.00	37.94 2.01 0.00	52.75 3.13 0.00	57.21 3.34 0.00	43.22 2.83 0.00	32.16 2.08 0.00	28.41 1.71 -1.25
MONGAUP__HYD 23641	36.86 1.85 0.00	36.84 1.85 0.00	33.67 1.69 0.00	32.69 1.67 0.00	32.36 1.57 0.00	35.46 1.78 0.00	38.19 1.50 0.00	32.86 1.38 0.00	29.09 1.33 0.00	24.39 1.34 0.00	22.45 1.29 0.00	15.89 0.74 0.00	14.87 0.77 0.00	13.44 0.69 0.00	12.63 0.70 0.00	13.68 0.79 0.00	16.36 0.94 0.00	25.59 1.38 0.00	38.70 2.12 -0.65	53.64 2.83 -1.19	58.73 3.23 -1.63	43.98 2.55 -1.04	32.23 1.74 -0.41	28.38 1.55 -1.38

MONTAUK___DIESEL 23721	50.52 3.19 -12.33	46.88 2.62 -9.26	46.39 1.98 -12.43	33.25 2.23 0.00	32.80 2.00 0.00	35.86 2.19 0.00	38.96 2.27 0.00	33.53 2.05 0.00	29.53 1.78 0.00	24.57 1.52 0.00	22.67 1.50 -0.01	16.07 0.92 0.00	15.10 1.00 0.00	13.70 0.94 0.00	13.16 1.23 -0.01	14.34 1.44 0.00	16.82 1.40 0.00	26.29 2.08 -0.01	44.62 3.16 -5.53	53.46 3.82 -0.01	58.13 4.26 -0.01	50.73 3.39 -6.95	33.10 2.65 -0.37	28.92 2.39 -1.07
MOONROAD_115KV_HARTFLD_TB1-2 355988	32.43 -2.56 0.02	33.28 -1.71 0.00	30.09 -1.89 0.00	29.03 -1.98 0.00	28.98 -1.82 0.00	31.47 -2.19 0.01	34.34 -2.35 0.00	29.62 -1.86 0.00	26.07 -1.67 0.02	21.48 -1.57 0.01	19.50 -1.63 0.02	13.95 -1.20 0.00	12.90 -1.20 0.00	11.59 -1.16 0.00	10.75 -1.14 0.02	11.58 -1.29 0.02	13.77 -1.62 0.02	21.67 -2.52 0.02	25.63 -3.38 6.92	34.29 -4.27 11.07	33.91 -4.79 15.16	32.77 -3.59 4.02	25.82 -2.68 1.58	20.40 -2.14 2.92
MORRIS_RIDGE___SOLAR 323848	32.46 -2.52 0.03	33.24 -1.75 0.00	30.03 -1.95 0.00	29.03 -1.99 0.00	28.95 -1.85 0.00	31.54 -2.12 0.01	34.45 -2.24 0.00	29.50 -1.98 0.00	25.71 -2.03 0.02	21.17 -1.87 0.01	19.33 -1.80 0.03	13.97 -1.18 0.00	12.91 -1.18 0.00	11.65 -1.10 0.00	10.84 -1.05 0.03	11.69 -1.17 0.03	14.00 -1.39 0.03	22.15 -2.03 0.02	20.86 -2.77 12.31	32.55 -3.42 13.66	31.28 -3.88 18.71	32.43 -2.83 5.13	25.79 -2.29 2.01	19.90 -1.83 3.73
MORTIMER_115KV_TB3 55949	33.10 -1.89 0.01	33.94 -1.05 0.00	30.83 -1.15 0.00	29.87 -1.15 0.00	29.75 -1.05 0.00	32.49 -1.18 0.00	35.55 -1.14 0.00	30.41 -1.07 0.00	26.78 -0.97 0.01	22.22 -0.83 0.00	20.15 -0.99 0.01	14.69 -0.45 0.00	13.67 -0.42 0.00	12.37 -0.38 0.00	11.50 -0.41 0.01	12.39 -0.49 0.01	14.76 -0.65 0.01	23.03 -1.16 0.01	31.20 -1.80 2.94	41.72 -2.53 5.37	43.76 -2.75 7.36	35.34 -2.63 2.42	27.27 -1.87 0.94	22.41 -1.55 1.49
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	37.11 2.10 0.00	37.02 2.03 0.00	33.90 1.92 0.00	32.91 1.89 0.00	32.58 1.79 0.00	35.66 1.99 0.00	38.63 1.94 0.00	33.46 1.98 0.00	29.98 2.22 0.00	25.06 2.01 -0.01	23.09 1.93 0.00	16.22 1.08 0.00	15.21 1.11 0.00	13.75 0.99 0.00	12.92 1.00 0.00	14.01 1.12 0.00	16.71 1.29 0.00	26.21 2.01 0.00	38.69 2.77 0.00	53.00 3.37 0.00	57.69 3.82 0.00	44.23 2.91 -0.93	32.67 2.23 -0.36	28.45 1.93 -1.06
MUNSVILLE_WIND_PWR 323609	36.97 1.96 0.00	37.02 2.03 0.00	33.74 1.76 0.00	32.66 1.64 0.00	32.49 1.69 0.00	35.63 1.95 0.00	39.22 2.53 0.00	33.27 1.79 0.00	28.98 1.22 0.00	23.68 0.62 0.00	21.65 0.49 -0.01	15.53 0.38 0.00	14.43 0.34 0.00	13.08 0.33 0.00	12.24 0.31 -0.01	13.27 0.37 -0.01	15.90 0.48 -0.01	25.25 1.04 0.00	39.19 2.08 -1.18	55.04 3.52 -1.89	60.23 3.77 -2.59	44.46 2.91 -1.16	32.52 1.98 -0.45	28.01 1.55 -1.01
N SALMON___HYD 24042	34.80 -0.21 0.00	34.57 -0.42 0.00	31.69 -0.29 0.00	30.61 -0.40 0.00	30.43 -0.37 0.00	33.23 -0.44 0.00	36.43 -0.26 0.00	31.16 -0.31 0.00	27.29 -0.47 0.00	22.61 -0.44 0.00	20.80 -0.36 0.00	14.88 -0.27 0.00	13.79 -0.31 0.00	12.43 -0.32 0.00	11.58 -0.35 0.00	12.50 -0.39 0.00	14.94 -0.48 0.00	23.50 -0.70 0.00	35.14 -0.79 0.00	48.98 -0.65 0.00	53.17 -0.70 0.00	39.83 -0.57 0.00	29.51 -0.57 0.00	24.82 -0.64 0.00
N.AKRON__115KV_KNAPP 355671	31.52 -3.47 0.02	32.82 -2.17 0.00	29.64 -2.33 0.00	28.72 -2.29 0.00	28.61 -2.19 0.00	31.17 -2.49 0.01	34.12 -2.57 0.00	29.37 -2.11 0.00	25.80 -1.94 0.02	21.41 -1.64 0.01	19.34 -1.80 0.02	14.16 -0.98 0.00	13.19 -0.90 0.00	11.90 -0.85 0.00	11.02 -0.88 0.02	11.84 -1.03 0.02	14.09 -1.31 0.02	21.91 -2.28 0.02	27.64 -3.13 5.16	36.94 -4.57 8.13	37.73 -5.01 11.13	33.69 -3.59 3.10	26.34 -2.53 1.21	21.32 -2.04 2.10
N.BELMOR_69_KV_BK1 55787	50.03 2.70 -12.33	46.91 2.66 -9.26	46.87 2.46 -12.43	33.53 2.51 0.00	33.13 2.34 0.00	36.23 2.56 0.00	39.29 2.60 0.00	33.87 2.39 0.00	30.06 2.30 0.00	25.06 2.01 0.00	23.11 1.95 -0.01	16.38 1.23 0.00	15.39 1.30 0.00	13.94 1.19 0.00	13.15 1.22 -0.01	14.24 1.35 0.00	16.93 1.51 0.00	26.66 2.44 -0.01	46.87 3.41 -7.53	53.81 4.17 -0.01	58.51 4.63 -0.01	53.15 3.64 -9.13	33.23 2.77 -0.38	28.95 2.42 -1.08
N.E._GEN_SANDY PD 24062	43.31 1.68 -6.62	36.67 1.68 0.00	35.80 1.53 -2.29	33.60 1.52 -1.07	33.40 1.48 -1.13	40.50 1.62 -5.21	41.30 1.61 -3.00	38.30 1.51 -5.31	34.70 1.44 -5.50	31.60 1.27 -7.28	29.90 1.23 -7.52	31.40 0.76 -15.49	30.10 0.73 -15.27	28.60 0.66 -15.19	27.30 0.66 -14.72	31.49 0.72 -17.88	39.40 0.88 -23.11	41.91 1.38 -16.33	51.60 2.05 -13.63	54.73 2.63 -2.47	56.77 2.91 0.00	54.70 2.30 -12.01	51.20 1.71 -19.40	44.30 1.50 -17.34
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	37.00 2.00 0.00	36.91 1.92 0.00	33.77 1.79 0.00	32.81 1.80 0.00	32.49 1.69 0.00	35.56 1.89 0.00	38.52 1.83 0.00	33.31 1.83 0.00	29.70 1.94 0.00	24.78 1.73 0.00	22.83 1.67 0.00	16.12 0.97 0.00	15.10 1.00 0.00	13.64 0.89 0.00	12.83 0.91 0.00	13.90 1.01 0.00	16.59 1.17 0.00	26.02 1.82 0.00	38.55 2.62 0.00	52.85 3.23 0.00	57.53 3.66 0.00	44.19 2.83 -0.97	32.57 2.11 -0.38	28.67 1.83 -1.38
N.QUEENS_27_KV_LOAD 356247	36.86 1.86 0.00	36.78 1.78 0.00	33.77 1.79 0.00	32.75 1.74 0.00	32.43 1.63 0.00	35.46 1.78 0.00	38.30 1.61 0.00	33.31 1.83 0.00	30.17 2.41 0.00	25.22 2.17 0.00	23.15 1.99 -0.01	16.21 1.06 0.00	15.21 1.11 0.00	13.75 0.99 0.00	12.92 1.00 0.00	14.01 1.12 0.00	16.71 1.29 0.00	26.21 2.01 0.00	38.37 2.44 0.00	52.56 2.93 0.00	57.15 3.29 0.00	43.83 2.50 -0.93	32.43 1.99 -0.36	28.35 1.83 -1.06
N.TROY___115KV_TB1 355778	36.48 1.47 0.00	36.50 1.50 0.00	33.35 1.38 0.00	32.38 1.36 0.00	32.12 1.32 0.00	35.12 1.45 0.00	38.16 1.47 0.00	32.74 1.26 0.00	28.92 1.17 0.00	24.02 0.97 0.00	22.05 0.89 0.00	15.72 0.58 0.00	14.65 0.55 0.00	13.24 0.48 0.00	12.40 0.48 0.00	13.42 0.53 0.00	16.09 0.68 0.00	25.32 1.11 0.00	37.62 1.69 0.00	51.96 2.33 0.00	56.35 2.48 0.00	42.41 2.02 0.00	31.59 1.50 0.00	27.98 1.30 -1.23
NARROWS_GT1_1 24228	37.29 2.27 -0.01	37.17 2.17 -0.01	34.06 2.08 -0.01	33.07 2.05 -0.01	32.74 1.94 -0.01	35.76 2.09 0.00	38.63 1.94 0.00	33.46 1.98 0.00	30.00 2.25 0.00	25.16 2.10 -0.01	23.15 1.99 -0.01	16.25 1.11 0.00	15.28 1.18 0.00	13.80 1.05 0.00	12.97 1.05 0.00	14.06 1.17 0.00	16.79 1.37 0.00	26.33 2.13 0.00	38.80 2.88 0.00	53.00 3.38 0.00	57.64 3.77 0.00	44.39 3.07 -0.93	32.67 2.23 -0.36	28.64 2.11 -1.07
NARROWS_GT1_2 24229	37.29 2.27 -0.01	37.17 2.17 -0.01	34.06 2.08 -0.01	33.07 2.05 -0.01	32.74 1.94 -0.01	35.76 2.09 0.00	38.63 1.94 0.00	33.46 1.98 0.00	30.00 2.25 0.00	25.16 2.10 -0.01	23.15 1.99 -0.01	16.25 1.11 0.00	15.28 1.18 0.00	13.80 1.05 0.00	12.97 1.05 0.00	14.06 1.17 0.00	16.79 1.37 0.00	26.33 2.13 0.00	38.80 2.88 0.00	53.00 3.38 0.00	57.64 3.77 0.00	44.39 3.07 -0.93	32.67 2.23 -0.36	28.64 2.11 -1.07

NARROWS_GT1_3 24230	37.29 2.27 -0.01	37.17 2.17 -0.01	34.06 2.08 -0.01	33.07 2.05 -0.01	32.74 1.94 -0.01	35.76 2.09 0.00	38.63 1.94 0.00	33.46 1.98 0.00	30.00 2.25 0.00	25.16 2.10 -0.01	23.15 1.99 -0.01	16.25 1.11 0.00	15.28 1.18 0.00	13.80 1.05 0.00	12.97 1.05 0.00	14.06 1.17 0.00	16.79 1.37 0.00	26.33 2.13 0.00	38.80 2.88 0.00	53.00 3.38 0.00	57.64 3.77 0.00	44.39 3.07 -0.93	32.67 2.23 -0.36	28.64 2.11 -1.07
NARROWS_GT1_4 24231	37.29 2.27 -0.01	37.17 2.17 -0.01	34.06 2.08 -0.01	33.07 2.05 -0.01	32.74 1.94 -0.01	35.76 2.09 0.00	38.63 1.94 0.00	33.46 1.98 0.00	30.00 2.25 0.00	25.16 2.10 -0.01	23.15 1.99 -0.01	16.25 1.11 0.00	15.28 1.18 0.00	13.80 1.05 0.00	12.97 1.05 0.00	14.06 1.17 0.00	16.79 1.37 0.00	26.33 2.13 0.00	38.80 2.88 0.00	53.00 3.38 0.00	57.64 3.77 0.00	44.39 3.07 -0.93	32.67 2.23 -0.36	28.64 2.11 -1.07
NARROWS_GT1_5 24232	37.29 2.27 -0.01	37.17 2.17 -0.01	34.06 2.08 -0.01	33.07 2.05 -0.01	32.74 1.94 -0.01	35.76 2.09 0.00	38.63 1.94 0.00	33.46 1.98 0.00	30.00 2.25 0.00	25.16 2.10 -0.01	23.15 1.99 -0.01	16.25 1.11 0.00	15.28 1.18 0.00	13.80 1.05 0.00	12.97 1.05 0.00	14.06 1.17 0.00	16.79 1.37 0.00	26.33 2.13 0.00	38.80 2.88 0.00	53.00 3.38 0.00	57.64 3.77 0.00	44.39 3.07 -0.93	32.67 2.23 -0.36	28.64 2.11 -1.07
NARROWS_GT1_6 24233	37.29 2.27 -0.01	37.17 2.17 -0.01	34.06 2.08 -0.01	33.07 2.05 -0.01	32.74 1.94 -0.01	35.76 2.09 0.00	38.63 1.94 0.00	33.46 1.98 0.00	30.00 2.25 0.00	25.16 2.10 -0.01	23.15 1.99 -0.01	16.25 1.11 0.00	15.28 1.18 0.00	13.80 1.05 0.00	12.97 1.05 0.00	14.06 1.17 0.00	16.79 1.37 0.00	26.33 2.13 0.00	38.80 2.88 0.00	53.00 3.38 0.00	57.64 3.77 0.00	44.39 3.07 -0.93	32.67 2.23 -0.36	28.64 2.11 -1.07
NARROWS_GT1_7 24234	37.29 2.27 -0.01	37.17 2.17 -0.01	34.06 2.08 -0.01	33.07 2.05 -0.01	32.74 1.94 -0.01	35.76 2.09 0.00	38.63 1.94 0.00	33.46 1.98 0.00	30.00 2.25 0.00	25.16 2.10 -0.01	23.15 1.99 -0.01	16.25 1.11 0.00	15.28 1.18 0.00	13.80 1.05 0.00	12.97 1.05 0.00	14.06 1.17 0.00	16.79 1.37 0.00	26.33 2.13 0.00	38.80 2.88 0.00	53.00 3.38 0.00	57.64 3.77 0.00	44.39 3.07 -0.93	32.67 2.23 -0.36	28.64 2.11 -1.07
NARROWS_GT1_8 24235	37.29 2.27 -0.01	37.17 2.17 -0.01	34.06 2.08 -0.01	33.07 2.05 -0.01	32.74 1.94 -0.01	35.76 2.09 0.00	38.63 1.94 0.00	33.46 1.98 0.00	30.00 2.25 0.00	25.16 2.10 -0.01	23.15 1.99 -0.01	16.25 1.11 0.00	15.28 1.18 0.00	13.80 1.05 0.00	12.97 1.05 0.00	14.06 1.17 0.00	16.79 1.37 0.00	26.33 2.13 0.00	38.80 2.88 0.00	53.00 3.38 0.00	57.64 3.77 0.00	44.39 3.07 -0.93	32.67 2.23 -0.36	28.64 2.11 -1.07
NARROWS_GT2_1 24236	37.29 2.27 -0.01	37.17 2.17 -0.01	34.06 2.08 -0.01	33.07 2.05 -0.01	32.74 1.94 -0.01	35.76 2.09 0.00	38.63 1.94 0.00	33.46 1.98 0.00	30.00 2.25 0.00	25.16 2.10 -0.01	23.15 1.99 -0.01	16.25 1.11 0.00	15.28 1.18 0.00	13.80 1.05 0.00	12.97 1.05 0.00	14.06 1.17 0.00	16.79 1.37 0.00	26.33 2.13 0.00	38.80 2.88 0.00	53.00 3.38 0.00	57.64 3.77 0.00	44.39 3.07 -0.93	32.67 2.23 -0.36	28.64 2.11 -1.07
NARROWS_GT2_2 24237	37.29 2.27 -0.01	37.17 2.17 -0.01	34.06 2.08 -0.01	33.07 2.05 -0.01	32.74 1.94 -0.01	35.76 2.09 0.00	38.63 1.94 0.00	33.46 1.98 0.00	30.00 2.25 0.00	25.16 2.10 -0.01	23.15 1.99 -0.01	16.25 1.11 0.00	15.28 1.18 0.00	13.80 1.05 0.00	12.97 1.05 0.00	14.06 1.17 0.00	16.79 1.37 0.00	26.33 2.13 0.00	38.80 2.88 0.00	53.00 3.38 0.00	57.64 3.77 0.00	44.39 3.07 -0.93	32.67 2.23 -0.36	28.64 2.11 -1.07
NARROWS_GT2_3 24238	37.29 2.27 -0.01	37.17 2.17 -0.01	34.06 2.08 -0.01	33.07 2.05 -0.01	32.74 1.94 -0.01	35.76 2.09 0.00	38.63 1.94 0.00	33.46 1.98 0.00	30.00 2.25 0.00	25.16 2.10 -0.01	23.15 1.99 -0.01	16.25 1.11 0.00	15.28 1.18 0.00	13.80 1.05 0.00	12.97 1.05 0.00	14.06 1.17 0.00	16.79 1.37 0.00	26.33 2.13 0.00	38.80 2.88 0.00	53.00 3.38 0.00	57.64 3.77 0.00	44.39 3.07 -0.93	32.67 2.23 -0.36	28.64 2.11 -1.07
NARROWS_GT2_4 24239	37.29 2.27 -0.01	37.17 2.17 -0.01	34.06 2.08 -0.01	33.07 2.05 -0.01	32.74 1.94 -0.01	35.76 2.09 0.00	38.63 1.94 0.00	33.46 1.98 0.00	30.00 2.25 0.00	25.16 2.10 -0.01	23.15 1.99 -0.01	16.25 1.11 0.00	15.28 1.18 0.00	13.80 1.05 0.00	12.97 1.05 0.00	14.06 1.17 0.00	16.79 1.37 0.00	26.33 2.13 0.00	38.80 2.88 0.00	53.00 3.38 0.00	57.64 3.77 0.00	44.39 3.07 -0.93	32.67 2.23 -0.36	28.64 2.11 -1.07
NARROWS_GT2_5 24240	37.29 2.27 -0.01	37.17 2.17 -0.01	34.06 2.08 -0.01	33.07 2.05 -0.01	32.74 1.94 -0.01	35.76 2.09 0.00	38.63 1.94 0.00	33.46 1.98 0.00	30.00 2.25 0.00	25.16 2.10 -0.01	23.15 1.99 -0.01	16.25 1.11 0.00	15.28 1.18 0.00	13.80 1.05 0.00	12.97 1.05 0.00	14.06 1.17 0.00	16.79 1.37 0.00	26.33 2.13 0.00	38.80 2.88 0.00	53.00 3.38 0.00	57.64 3.77 0.00	44.39 3.07 -0.93	32.67 2.23 -0.36	28.64 2.11 -1.07
NARROWS_GT2_6 24241	37.29 2.27 -0.01	37.17 2.17 -0.01	34.06 2.08 -0.01	33.07 2.05 -0.01	32.74 1.94 -0.01	35.76 2.09 0.00	38.63 1.94 0.00	33.46 1.98 0.00	30.00 2.25 0.00	25.16 2.10 -0.01	23.15 1.99 -0.01	16.25 1.11 0.00	15.28 1.18 0.00	13.80 1.05 0.00	12.97 1.05 0.00	14.06 1.17 0.00	16.79 1.37 0.00	26.33 2.13 0.00	38.80 2.88 0.00	53.00 3.38 0.00	57.64 3.77 0.00	44.39 3.07 -0.93	32.67 2.23 -0.36	28.64 2.11 -1.07
NARROWS_GT2_7 24242	37.29 2.27 -0.01	37.17 2.17 -0.01	34.06 2.08 -0.01	33.07 2.05 -0.01	32.74 1.94 -0.01	35.76 2.09 0.00	38.63 1.94 0.00	33.46 1.98 0.00	30.00 2.25 0.00	25.16 2.10 -0.01	23.15 1.99 -0.01	16.25 1.11 0.00	15.28 1.18 0.00	13.80 1.05 0.00	12.97 1.05 0.00	14.06 1.17 0.00	16.79 1.37 0.00	26.33 2.13 0.00	38.80 2.88 0.00	53.00 3.38 0.00	57.64 3.77 0.00	44.39 3.07 -0.93	32.67 2.23 -0.36	28.64 2.11 -1.07
NARROWS_GT2_8 24243	37.29 2.27 -0.01	37.17 2.17 -0.01	34.06 2.08 -0.01	33.07 2.05 -0.01	32.74 1.94 -0.01	35.76 2.09 0.00	38.63 1.94 0.00	33.46 1.98 0.00	30.00 2.25 0.00	25.16 2.10 -0.01	23.15 1.99 -0.01	16.25 1.11 0.00	15.28 1.18 0.00	13.80 1.05 0.00	12.97 1.05 0.00	14.06 1.17 0.00	16.79 1.37 0.00	26.33 2.13 0.00	38.80 2.88 0.00	53.00 3.38 0.00	57.64 3.77 0.00	44.39 3.07 -0.93	32.67 2.23 -0.36	28.64 2.11 -1.07
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	36.65 1.65 0.00	36.71 1.71 0.00	33.51 1.53 0.00	32.53 1.52 0.00	32.24 1.45 0.00	35.29 1.62 0.00	38.23 1.54 0.00	32.71 1.23 0.00	28.70 0.94 0.00	23.74 0.69 0.00	21.79 0.63 0.00	15.54 0.39 0.00	14.49 0.39 0.00	13.08 0.33 0.00	12.28 0.36 0.00	13.29 0.40 0.00	15.97 0.55 0.00	25.20 0.99 0.00	37.65 1.72 0.00	52.16 2.53 0.00	56.67 2.80 0.00	43.37 2.26 -0.72	31.96 1.59 -0.28	27.78 1.15 -1.18

NCHELSEA_115KV_TR2 355582	37.04 2.03 0.00	36.98 1.99 0.00	33.83 1.85 0.00	32.87 1.86 0.00	32.55 1.76 0.00	35.62 1.95 0.00	38.60 1.91 0.00	33.31 1.83 0.00	29.59 1.83 0.00	24.64 1.59 0.00	22.68 1.52 0.00	16.04 0.89 0.00	15.04 0.94 0.00	13.58 0.83 0.00	12.77 0.85 0.00	13.83 0.94 0.00	16.53 1.11 0.00	25.95 1.74 0.00	38.55 2.62 0.00	53.00 3.37 0.00	57.69 3.82 0.00	44.27 2.95 -0.93	32.55 2.11 -0.36	28.33 1.81 -1.07
NEG CAPITAL___MECHNVIL 23645	36.89 1.89 0.00	36.95 1.96 0.00	33.74 1.76 0.00	32.72 1.70 0.00	32.49 1.69 0.00	35.52 1.85 0.00	38.59 1.91 0.00	33.02 1.54 0.00	29.06 1.30 0.00	24.11 1.06 0.00	22.15 0.99 0.00	15.77 0.62 0.00	14.69 0.59 0.00	13.27 0.52 0.00	12.42 0.50 0.00	13.46 0.57 0.00	16.17 0.76 0.00	25.46 1.26 0.00	37.90 1.97 0.00	52.51 2.88 0.00	56.99 3.12 0.00	42.90 2.51 0.00	31.95 1.87 0.00	28.23 1.53 -1.24
NEG CENTRAL_HIGH_ACRES 23767	32.90 -2.10 0.01	33.55 -1.44 0.00	30.51 -1.47 0.00	29.59 -1.43 0.00	29.47 -1.32 0.00	32.19 -1.48 0.00	35.22 -1.47 0.00	30.16 -1.32 0.00	26.53 -1.22 0.01	21.97 -1.08 0.00	19.84 -1.31 0.01	14.54 -0.61 0.00	13.52 -0.58 0.00	12.25 -0.50 0.00	11.40 -0.51 0.01	12.29 -0.59 0.01	14.65 -0.76 0.01	22.91 -1.28 0.01	31.49 -1.98 2.47	42.34 -2.78 4.51	44.67 -3.02 6.18	35.38 -2.83 2.18	27.22 -2.02 0.85	22.53 -1.68 1.24
NEG CENTRAL___DRP 24199	34.44 -0.56 0.01	34.75 -0.24 0.00	31.63 -0.35 0.00	30.64 -0.37 0.00	30.52 -0.28 0.00	33.40 -0.27 0.00	36.47 -0.22 0.00	31.16 -0.31 0.00	27.33 -0.42 0.01	22.63 -0.41 0.00	20.70 -0.44 0.01	14.92 -0.23 0.00	13.86 -0.24 0.00	12.57 -0.18 0.00	11.72 -0.19 0.01	12.67 -0.21 0.01	15.17 -0.23 0.01	23.93 -0.27 0.01	33.20 -0.32 2.40	44.28 -0.40 4.96	46.59 -0.48 6.79	37.39 -0.48 2.52	28.68 -0.42 0.98	23.74 -0.38 1.34
NEG CENTRAL___INDECK 23768	33.83 -1.15 0.02	34.64 -0.35 0.00	31.37 -0.61 0.00	30.39 -0.62 0.00	30.33 -0.46 0.00	33.09 -0.57 0.01	36.25 -0.44 0.00	30.91 -0.57 0.00	26.91 -0.83 0.02	22.12 -0.92 0.01	19.95 -1.18 0.00	14.54 -0.61 0.00	13.46 -0.63 0.00	12.19 -0.56 0.00	11.34 -0.56 0.02	12.24 -0.63 0.02	14.65 -0.74 0.02	23.15 -1.04 0.02	32.15 -1.22 2.55	37.58 -1.29 10.76	37.73 -1.40 14.74	34.69 -1.37 4.33	27.28 -1.11 1.69	21.57 -0.92 2.97
NEG CENTRAL___SENECA 23627	34.19 -0.81 0.02	34.64 -0.35 0.00	31.47 -0.51 0.00	30.49 -0.53 0.00	30.39 -0.40 0.00	33.23 -0.44 0.01	36.32 -0.37 0.00	31.01 -0.47 0.00	27.16 -0.58 0.01	22.45 -0.60 0.01	20.51 -0.63 0.02	14.82 -0.33 0.00	13.73 -0.37 0.00	12.46 -0.29 0.00	11.61 -0.30 0.02	12.54 -0.34 0.02	15.03 -0.37 0.02	23.73 -0.46 0.01	31.95 -0.54 3.44	41.79 -0.65 7.19	43.26 -0.75 9.85	36.27 -0.77 3.35	28.14 -0.63 1.31	22.91 -0.56 1.99
NEG CENTRAL___STATE_STREET 24147	34.75 -0.25 0.01	34.99 0.00 0.00	31.91 -0.06 0.00	30.92 -0.09 0.00	30.76 -0.03 0.00	33.67 0.00 0.00	36.76 0.07 0.00	31.42 -0.06 0.00	27.64 -0.11 0.00	22.93 -0.12 0.00	20.98 -0.17 0.01	15.10 -0.05 0.00	14.04 -0.06 0.00	12.74 -0.01 0.00	11.89 -0.02 0.01	12.86 -0.03 0.01	15.38 -0.03 0.01	24.22 0.02 0.00	34.47 0.07 1.53	47.02 0.20 2.81	50.19 0.16 3.84	38.62 0.00 1.77	29.33 -0.06 0.69	24.69 -0.08 0.69
NEG MILLWOOD___DRP 24198	37.21 2.21 0.00	37.16 2.17 0.00	33.99 2.01 0.00	33.00 1.98 0.00	32.67 1.88 0.00	35.76 2.09 0.00	38.74 2.05 0.00	33.43 1.95 0.00	29.76 2.00 0.00	24.78 1.73 0.00	22.83 1.67 0.00	16.15 1.00 0.00	15.13 1.03 0.00	13.67 0.92 0.00	12.84 0.92 0.00	13.92 1.03 0.00	16.63 1.22 0.00	26.12 1.91 0.00	38.77 2.84 0.00	53.20 3.57 0.00	57.91 4.04 0.00	44.42 3.11 -0.92	32.70 2.26 -0.36	28.46 1.93 -1.07
NEG NORTH_FLCN_SEA 23793	35.01 0.00 0.00	34.78 -0.21 0.00	31.88 -0.10 0.00	30.86 -0.16 0.00	30.67 -0.12 0.00	33.47 -0.20 0.00	36.65 -0.04 0.00	31.39 -0.09 0.00	27.51 -0.25 0.00	22.82 -0.23 0.00	20.97 -0.19 0.00	15.00 -0.15 0.00	13.90 -0.20 0.00	12.55 -0.20 0.00	11.68 -0.24 0.00	12.61 -0.28 0.00	15.08 -0.34 0.00	23.70 -0.51 0.00	35.35 -0.57 0.00	49.18 -0.45 0.00	53.38 -0.48 0.00	39.99 -0.40 0.00	29.63 -0.45 0.00	25.00 -0.46 0.00
NEG NORTH_KES_CHATEGAY 23792	34.80 -0.21 0.00	34.54 -0.45 0.00	31.66 -0.32 0.00	30.64 -0.37 0.00	30.45 -0.34 0.00	33.27 -0.40 0.00	36.36 -0.33 0.00	31.16 -0.31 0.00	27.31 -0.44 0.00	22.66 -0.39 0.00	20.80 -0.36 0.00	14.86 -0.29 0.00	13.79 -0.31 0.00	12.43 -0.32 0.00	11.58 -0.35 0.00	12.50 -0.39 0.00	14.95 -0.46 0.00	23.53 -0.68 0.00	35.10 -0.83 0.00	48.83 -0.79 0.00	53.01 -0.86 0.00	39.70 -0.69 0.00	29.42 -0.66 0.00	24.82 -0.64 0.00
NEG NORTH___ALICE_FALLS 23915	35.08 0.07 0.00	34.85 -0.14 0.00	31.91 -0.06 0.00	30.89 -0.12 0.00	30.70 -0.09 0.00	33.50 -0.17 0.00	36.69 0.00 0.00	31.42 -0.06 0.00	27.51 -0.25 0.00	22.82 -0.23 0.00	20.99 -0.17 0.00	15.01 -0.14 0.00	13.91 -0.18 0.00	12.55 -0.20 0.00	11.68 -0.24 0.00	12.62 -0.27 0.00	15.09 -0.32 0.00	23.74 -0.46 0.00	35.42 -0.50 0.00	49.33 -0.30 0.00	53.54 -0.32 0.00	40.11 -0.28 0.00	29.69 -0.39 0.00	25.02 -0.43 0.00
NEG NORTH___LWR_SARANAC 23913	35.08 0.07 0.00	34.85 -0.14 0.00	31.91 -0.06 0.00	30.89 -0.12 0.00	30.70 -0.09 0.00	33.50 -0.17 0.00	36.69 0.00 0.00	31.42 -0.06 0.00	27.51 -0.25 0.00	22.82 -0.23 0.00	20.99 -0.17 0.00	15.01 -0.14 0.00	13.91 -0.18 0.00	12.55 -0.20 0.00	11.68 -0.24 0.00	12.62 -0.27 0.00	15.09 -0.32 0.00	23.74 -0.46 0.00	35.42 -0.50 0.00	49.33 -0.30 0.00	53.54 -0.32 0.00	40.11 -0.28 0.00	29.69 -0.39 0.00	25.02 -0.43 0.00
NEG NORTH___PLATTSBURG 23628	35.08 0.07 0.00	34.85 -0.14 0.00	31.91 -0.06 0.00	30.89 -0.12 0.00	30.70 -0.09 0.00	33.50 -0.17 0.00	36.69 0.00 0.00	31.42 -0.06 0.00	27.56 -0.19 0.00	22.82 -0.23 0.00	20.97 -0.19 0.00	15.01 -0.14 0.00	13.91 -0.18 0.00	12.55 -0.20 0.00	11.68 -0.24 0.00	12.62 -0.27 0.00	15.09 -0.32 0.00	23.74 -0.46 0.00	35.42 -0.50 0.00	49.33 -0.30 0.00	53.55 -0.32 0.00	40.11 -0.28 0.00	29.69 -0.39 0.00	25.00 -0.46 0.00
NEG WEST_LEA_LOCKPORT 23791	30.86 -4.13 0.02	32.26 -2.73 0.00	29.10 -2.88 0.00	28.16 -2.85 0.00	28.05 -2.74 0.00	30.57 -3.10 0.01	33.39 -3.30 0.00	28.87 -2.61 0.00	25.38 -2.36 0.02	21.11 -1.94 0.01	19.07 -2.07 0.02	13.97 -1.18 0.00	13.00 -1.10 0.00	11.72 -1.03 0.00	10.85 -1.05 0.02	11.66 -1.21 0.02	13.86 -1.54 0.02	21.50 -2.69 0.02	26.45 -3.84 5.64	35.32 -5.61 8.70	35.75 -6.19 11.92	32.74 -4.40 3.25	25.68 -3.13 1.27	20.73 -2.49 2.23
NEG WEST___LANCASTR 23811	32.50 -2.49 0.02	32.33 -2.66 0.00	29.16 -2.81 0.00	28.19 -2.82 0.00	28.08 -2.71 0.00	30.60 -3.06 0.01	33.42 -3.27 0.00	29.05 -2.42 0.00	25.49 -2.25 0.02	21.13 -1.91 0.01	19.78 -1.35 0.02	13.92 -1.23 0.00	12.91 -1.18 0.00	11.64 -1.11 0.00	10.97 -0.93 0.02	11.94 -0.93 0.02	14.30 -1.09 0.02	22.85 -1.33 0.02	27.11 -1.87 6.95	35.97 -2.63 11.02	35.75 -3.02 15.10	34.43 -1.98 3.98	27.13 -1.38 1.57	21.51 -1.04 2.90

NEG_PENN_ALLEGHNY 23528	35.24 0.21 -0.02	35.34 0.35 0.00	32.23 0.25 0.00	31.26 0.25 0.00	31.07 0.28 0.00	33.98 0.30 -0.01	37.05 0.37 0.00	31.79 0.31 0.00	28.00 0.22 -0.02	23.22 0.16 -0.01	21.37 0.19 -0.02	15.28 0.14 0.00	14.21 0.11 0.00	12.89 0.14 0.00	12.07 0.13 -0.02	13.05 0.14 -0.02	15.62 0.19 -0.02	24.56 0.34 -0.02	41.79 0.50 -5.36	60.14 0.69 -9.81	68.01 0.70 -13.45	47.20 0.57 -6.25	32.90 0.39 -2.43	29.18 0.36 -3.36
NEG___GEN_MONROE 24207	32.86 -2.14 0.01	33.77 -1.22 0.00	30.63 -1.34 0.00	29.71 -1.30 0.00	29.59 -1.20 0.00	32.32 -1.35 0.00	35.37 -1.32 0.00	30.25 -1.23 0.00	26.58 -1.17 0.01	22.03 -1.01 0.00	19.96 -1.18 0.01	14.56 -0.59 0.00	13.53 -0.56 0.00	12.23 -0.52 0.00	11.36 -0.55 0.01	12.24 -0.64 0.01	14.59 -0.82 0.01	22.77 -1.43 0.01	30.76 -2.16 3.02	41.13 -2.98 5.52	43.07 -3.23 7.56	35.06 -2.87 2.46	27.11 -2.02 0.96	22.31 -1.63 1.52
NEPA___ENERGY 23901	32.46 -2.52 0.02	33.28 -1.71 0.00	30.06 -1.92 0.00	29.06 -1.95 0.00	28.95 -1.85 0.00	31.51 -2.15 0.01	34.45 -2.24 0.00	29.78 -1.70 0.00	26.16 -1.58 0.02	21.66 -1.38 0.01	19.78 -1.35 0.02	14.25 -0.89 0.00	13.21 -0.89 0.00	11.92 -0.83 0.00	11.10 -0.80 0.02	11.99 -0.88 0.02	14.30 -1.09 0.02	22.49 -1.69 0.02	26.41 -2.41 7.11	35.22 -3.28 11.14	34.95 -3.66 15.25	33.80 -2.59 4.01	26.61 -1.90 1.58	21.02 -1.50 2.93
NEVERSINK___HYD 23608	37.14 2.14 0.00	37.09 2.10 0.00	33.90 1.92 0.00	32.94 1.92 0.00	32.61 1.82 0.00	35.73 2.05 0.00	38.74 2.05 0.00	33.34 1.86 0.00	29.54 1.78 0.00	24.60 1.54 0.00	22.64 1.48 0.00	16.03 0.88 0.00	15.01 0.92 0.00	13.57 0.82 0.00	12.76 0.83 0.00	13.83 0.94 0.00	16.51 1.09 0.00	25.93 1.72 0.00	39.29 2.62 -0.74	54.50 3.52 -1.35	59.71 3.99 -1.85	44.64 3.11 -1.13	32.69 2.17 -0.44	28.74 1.88 -1.40
NEWKRMKL_115KV_TB1 55635	35.92 0.91 0.00	35.97 0.98 0.00	32.87 0.90 0.00	31.91 0.90 0.00	31.66 0.86 0.00	34.61 0.94 0.00	37.53 0.84 0.00	32.27 0.79 0.00	28.51 0.75 0.00	23.70 0.65 0.00	21.79 0.63 0.00	15.54 0.39 0.00	14.46 0.37 0.00	13.07 0.32 0.00	12.24 0.32 0.00	13.25 0.36 0.00	15.91 0.49 0.00	25.00 0.80 0.00	37.08 1.15 0.00	51.07 1.44 0.00	55.38 1.51 0.00	41.72 1.33 0.00	31.14 1.05 0.00	27.69 1.02 -1.22
NEWTON___FALLS_HYD 23847	34.13 -0.88 0.00	33.94 -1.05 0.00	31.05 -0.93 0.00	30.05 -0.96 0.00	29.84 -0.95 0.00	32.66 -1.01 0.00	35.73 -0.95 0.00	30.50 -0.98 0.00	26.48 -1.28 0.00	21.85 -1.20 0.00	20.16 -0.99 0.00	14.39 -0.76 0.00	13.36 -0.73 0.00	12.08 -0.68 0.00	11.24 -0.68 0.00	12.14 -0.75 0.00	14.44 -0.97 0.00	22.78 -1.43 0.00	34.45 -1.47 0.00	48.14 -1.49 0.00	52.36 -1.51 0.00	39.34 -1.05 0.00	29.30 -0.78 0.00	24.73 -0.76 -0.03
NGRID_A1_DSASP 323792	30.16 -4.83 0.02	31.74 -3.25 0.00	28.59 -3.39 0.00	27.66 -3.35 0.00	27.56 -3.23 0.00	30.03 -3.64 0.01	32.80 -3.89 0.00	28.38 -3.09 0.02	25.00 -2.72 0.03	20.95 -2.10 0.01	18.94 -2.20 0.02	13.91 -1.24 0.00	12.81 -1.28 0.00	11.57 -1.19 0.00	10.82 -1.08 0.02	11.60 -1.28 0.02	13.73 -1.66 0.02	21.10 -3.07 0.03	25.78 -4.24 5.91	34.48 -6.05 9.10	34.62 -6.79 12.46	32.23 -4.85 3.31	25.35 -3.43 1.30	20.40 -2.75 2.31
NGRID_A2_DSASP 323793	30.16 -4.83 0.02	31.74 -3.25 0.00	28.59 -3.39 0.00	27.66 -3.35 0.00	27.56 -3.23 0.00	30.03 -3.64 0.01	32.80 -3.89 0.00	28.38 -3.09 0.02	25.00 -2.72 0.03	20.95 -2.10 0.01	18.94 -2.20 0.02	13.91 -1.24 0.00	12.81 -1.28 0.00	11.57 -1.19 0.00	10.82 -1.08 0.02	11.60 -1.28 0.02	13.73 -1.66 0.02	21.10 -3.07 0.03	25.78 -4.24 5.91	34.48 -6.05 9.10	34.62 -6.79 12.46	32.23 -4.85 3.31	25.35 -3.43 1.30	20.40 -2.75 2.31
NGRID_A4_DSASP 323807	30.16 -4.83 0.02	31.74 -3.25 0.00	28.59 -3.39 0.00	27.66 -3.35 0.00	27.56 -3.23 0.00	30.03 -3.64 0.01	32.80 -3.89 0.00	28.38 -3.09 0.02	25.00 -2.72 0.03	20.95 -2.10 0.01	18.94 -2.20 0.02	13.91 -1.24 0.00	12.81 -1.28 0.00	11.57 -1.19 0.00	10.82 -1.08 0.02	11.60 -1.28 0.02	13.73 -1.66 0.02	21.10 -3.07 0.03	25.78 -4.24 5.91	34.48 -6.05 9.10	34.62 -6.79 12.46	32.23 -4.85 3.31	25.35 -3.43 1.30	20.40 -2.75 2.31
NIAGARA_115E_LBMP 323715	30.30 -4.69 0.02	31.77 -3.22 0.00	28.65 -3.33 0.00	27.70 -3.32 0.00	27.59 -3.20 0.00	30.06 -3.60 0.01	32.84 -3.85 0.00	28.49 -2.99 0.00	25.13 -2.61 0.02	20.83 -2.21 0.01	18.56 -2.58 0.02	13.77 -1.38 0.00	12.88 -1.21 0.00	11.62 -1.13 0.00	10.71 -1.19 0.02	11.49 -1.38 0.02	13.65 -1.74 0.02	21.19 -3.00 0.02	25.91 -4.20 5.82	34.25 -6.35 9.02	34.56 -6.95 12.36	32.32 -4.77 3.30	25.42 -3.37 1.29	20.54 -2.65 2.27
NIAGARA_115W_LBMP 323714	30.12 -4.86 0.02	31.67 -3.32 0.00	28.52 -3.45 0.00	27.60 -3.41 0.00	27.50 -3.29 0.00	29.96 -3.70 0.01	32.72 -3.96 0.00	28.38 -3.08 0.02	25.06 -2.66 0.03	20.92 -2.12 0.01	18.64 -2.50 0.02	13.89 -1.26 0.00	12.79 -1.31 0.00	11.55 -1.20 0.00	10.81 -1.10 0.02	11.58 -1.29 0.02	13.72 -1.68 0.02	21.07 -3.10 0.03	25.75 -4.28 5.90	34.44 -6.11 9.09	34.58 -6.84 12.44	32.12 -4.97 3.30	25.33 -3.46 1.30	20.43 -2.72 2.30
NIAGARA_230_LBMP 323716	30.75 -4.24 0.02	32.19 -2.80 0.00	29.04 -2.94 0.00	28.10 -2.92 0.00	27.99 -2.80 0.00	30.50 -3.17 0.01	33.31 -3.37 0.00	28.90 -2.58 0.00	25.50 -2.25 0.01	21.16 -1.89 0.01	18.85 -2.29 0.02	14.00 -1.15 0.00	13.00 -1.10 0.00	11.73 -1.02 0.00	10.89 -1.01 0.02	11.70 -1.17 0.02	13.90 -1.50 0.02	21.53 -2.66 0.01	26.00 -4.13 5.80	34.67 -5.96 9.00	34.90 -6.63 12.34	32.30 -4.81 3.28	25.44 -3.37 1.27	20.56 -2.65 2.25
NIAGARA___115KV_198_GIBSON 55903	30.12 -4.87 0.02	31.67 -3.32 0.00	28.52 -3.45 0.00	27.60 -3.41 0.00	27.50 -3.29 0.00	29.96 -3.70 0.01	32.73 -3.96 0.00	28.31 -3.15 0.02	24.98 -2.75 0.03	20.92 -2.12 0.01	18.92 -2.22 0.02	13.89 -1.26 0.00	12.79 -1.31 0.00	11.55 -1.20 0.00	10.81 -1.10 0.02	11.58 -1.29 0.02	13.72 -1.68 0.02	21.07 -3.10 0.03	25.79 -4.24 5.90	34.44 -6.10 9.09	34.64 -6.79 12.44	32.20 -4.89 3.31	25.35 -3.43 1.30	20.40 -2.75 2.30
NIAGARA____ 23760	30.75 -4.24 0.02	32.19 -2.80 0.00	29.04 -2.94 0.00	28.10 -2.92 0.00	27.99 -2.80 0.00	30.50 -3.17 0.01	33.31 -3.37 0.00	28.89 -2.58 0.01	25.49 -2.25 0.02	21.16 -1.89 0.01	18.85 -2.29 0.02	14.00 -1.15 0.00	13.00 -1.10 0.00	11.73 -1.02 0.00	10.89 -1.01 0.02	11.70 -1.17 0.02	13.90 -1.50 0.02	21.52 -2.66 0.02	26.00 -4.13 5.80	34.66 -5.96 9.01	34.90 -6.63 12.34	32.30 -4.81 3.29	25.44 -3.37 1.27	20.55 -2.65 2.25
NINE_MILE_1 23575	33.96 -1.05 0.00	34.08 -0.91 0.00	31.12 -0.86 0.00	30.18 -0.84 0.00	29.99 -0.80 0.00	32.80 -0.88 0.00	35.81 -0.88 0.00	30.69 -0.79 0.00	27.04 -0.72 0.00	22.45 -0.60 0.00	20.54 -0.61 0.00	14.80 -0.35 0.00	13.77 -0.32 0.00	12.47 -0.28 0.00	11.65 -0.27 0.00	12.60 -0.30 0.00	15.05 -0.37 0.00	23.60 -0.60 0.00	34.96 -0.97 0.00	48.24 -1.39 0.00	52.36 -1.51 0.00	38.50 -1.21 0.68	28.95 -0.87 0.26	24.81 -0.71 -0.07

NINE_MILE_2 23744	33.96 -1.05 0.00	34.08 -0.91 0.00	31.12 -0.86 0.00	30.18 -0.84 0.00	29.99 -0.80 0.00	32.80 -0.88 0.00	35.81 -0.88 0.00	30.69 -0.79 0.00	27.04 -0.72 0.00	22.45 -0.60 0.00	20.54 -0.61 0.00	14.80 -0.35 0.00	13.77 -0.32 0.00	12.47 -0.28 0.00	11.65 -0.27 0.00	12.60 -0.30 0.00	15.05 -0.37 0.00	23.60 -0.60 0.00	34.96 -0.97 0.00	48.29 -1.34 0.00	52.36 -1.51 0.00	38.50 -1.21 0.68	28.98 -0.84 0.26	24.81 -0.71 -0.07
NM_CAPITAL___DRP 24208	36.02 1.02 0.00	36.08 1.08 0.00	32.97 0.99 0.00	32.01 0.99 0.00	31.75 0.95 0.00	34.72 1.04 0.00	37.68 0.99 0.00	32.39 0.91 0.00	28.62 0.86 0.00	23.79 0.74 0.00	21.88 0.72 0.00	15.60 0.45 0.00	14.52 0.42 0.00	13.13 0.38 0.00	12.29 0.37 0.00	13.30 0.41 0.00	15.97 0.55 0.00	25.08 0.87 0.00	37.18 1.26 0.00	51.27 1.64 0.00	55.59 1.72 0.00	41.89 1.49 0.00	31.23 1.14 0.00	27.74 1.07 -1.22
NM_CENTRAL___DRP 24181	34.59 -0.42 0.00	34.75 -0.24 0.00	31.69 -0.29 0.00	30.73 -0.28 0.00	30.58 -0.22 0.00	33.44 -0.24 0.00	36.47 -0.22 0.00	31.23 -0.25 0.00	27.51 -0.25 0.00	22.84 -0.21 0.00	20.95 -0.21 0.00	15.06 -0.09 0.00	14.01 -0.08 0.00	12.71 -0.04 0.00	11.87 -0.05 0.00	12.83 -0.06 0.00	15.34 -0.08 0.00	24.08 -0.12 0.00	35.71 -0.22 0.00	49.28 -0.35 0.00	53.49 -0.38 0.00	39.09 -0.36 0.93	29.45 -0.27 0.36	25.33 -0.23 -0.10
NM_FRONTIER___DRP 24179	30.12 -4.87 0.02	31.67 -3.32 0.00	28.52 -3.45 0.00	27.60 -3.41 0.00	27.50 -3.29 0.00	29.96 -3.70 0.01	32.73 -3.96 0.00	28.31 -3.15 0.02	24.98 -2.75 0.03	20.92 -2.12 0.01	18.92 -2.22 0.02	13.89 -1.26 0.00	12.79 -1.31 0.00	11.55 -1.20 0.00	10.81 -1.10 0.02	11.58 -1.29 0.02	13.72 -1.68 0.02	21.07 -3.10 0.03	25.79 -4.24 5.90	34.44 -6.10 9.09	34.64 -6.79 12.44	32.20 -4.89 3.31	25.35 -3.43 1.30	20.40 -2.75 2.30
NM_ST_REGIS___HYD 24053	34.24 -0.77 0.00	33.94 -1.05 0.00	31.11 -0.86 0.00	30.08 -0.93 0.00	29.87 -0.92 0.00	32.63 -1.04 0.00	35.77 -0.92 0.00	30.57 -0.91 0.00	26.59 -1.17 0.00	22.04 -1.01 0.00	20.31 -0.85 0.00	14.51 -0.64 0.00	13.46 -0.63 0.00	12.15 -0.60 0.00	11.31 -0.61 0.00	12.23 -0.66 0.00	14.60 -0.82 0.00	22.97 -1.23 0.00	34.42 -1.51 0.00	48.04 -1.59 0.00	52.14 -1.72 0.00	39.10 -1.29 0.00	29.03 -1.05 0.00	24.48 -0.99 -0.02
NORTHPORT___1 23551	49.78 2.45 -12.33	46.67 2.41 -9.26	46.64 2.24 -12.43	33.34 2.33 0.00	32.98 2.19 0.00	36.03 2.36 0.00	39.11 2.42 0.00	33.65 2.17 0.00	29.76 2.00 0.00	24.88 1.82 -0.01	22.96 1.80 -0.01	16.25 1.11 0.00	15.28 1.18 0.00	13.85 1.10 0.00	13.09 1.16 -0.01	14.12 1.23 0.00	16.83 1.42 0.00	26.51 2.30 -0.01	44.63 3.23 -5.47	53.16 3.52 -0.01	57.70 3.83 -0.01	50.66 3.39 -6.88	33.07 2.62 -0.37	28.82 2.29 -1.07
NORTHPORT___2 23552	49.78 2.45 -12.33	46.67 2.41 -9.26	46.64 2.24 -12.43	33.34 2.33 0.00	32.98 2.19 0.00	36.03 2.36 0.00	39.11 2.42 0.00	33.65 2.17 0.00	29.76 2.00 0.00	24.88 1.82 -0.01	22.96 1.80 -0.01	16.25 1.11 0.00	15.28 1.18 0.00	13.85 1.10 0.00	13.09 1.16 -0.01	14.12 1.23 0.00	16.83 1.42 0.00	26.51 2.30 -0.01	44.63 3.23 -5.47	53.16 3.52 -0.01	57.70 3.83 -0.01	50.66 3.39 -6.88	33.07 2.62 -0.37	28.82 2.29 -1.07
NORTHPORT___3 23553	49.78 2.45 -12.33	46.64 2.38 -9.26	46.61 2.20 -12.43	33.31 2.29 0.00	32.95 2.15 0.00	35.99 2.32 0.00	39.07 2.38 0.00	33.62 2.14 0.00	29.76 2.00 0.00	24.86 1.80 -0.01	22.94 1.78 -0.01	16.25 1.11 0.00	15.28 1.18 0.00	13.83 1.08 0.00	13.07 1.14 -0.01	14.10 1.21 0.00	16.82 1.40 0.00	26.49 2.27 -0.01	44.61 3.20 -5.49	53.06 3.42 -0.01	57.59 3.71 -0.01	50.64 3.35 -6.90	33.04 2.59 -0.37	28.77 2.24 -1.07
NORTHPORT___4 23650	49.78 2.45 -12.33	46.64 2.38 -9.26	46.61 2.20 -12.43	33.31 2.29 0.00	32.95 2.15 0.00	35.99 2.32 0.00	39.07 2.38 0.00	33.62 2.14 0.00	29.76 2.00 0.00	24.86 1.80 -0.01	22.94 1.78 -0.01	16.25 1.11 0.00	15.28 1.18 0.00	13.83 1.08 0.00	13.07 1.14 -0.01	14.10 1.21 0.00	16.82 1.40 0.00	26.49 2.27 -0.01	44.61 3.20 -5.49	53.06 3.42 -0.01	57.59 3.71 -0.01	50.64 3.35 -6.90	33.04 2.59 -0.37	28.77 2.24 -1.07
NORTHPORT___IC 23718	49.79 2.45 -12.33	46.67 2.41 -9.26	46.65 2.24 -12.43	33.34 2.33 0.00	32.98 2.19 0.00	36.03 2.36 0.00	39.11 2.42 0.00	33.65 2.17 0.00	29.84 2.08 0.00	24.87 1.82 0.00	22.92 1.76 -0.01	16.25 1.11 0.00	15.28 1.18 0.00	13.85 1.10 0.00	13.09 1.16 -0.01	14.17 1.28 0.00	16.83 1.42 0.00	26.51 2.30 -0.01	44.63 3.23 -5.47	53.16 3.52 -0.01	57.70 3.82 -0.01	50.58 3.31 -6.88	33.07 2.62 -0.37	28.82 2.29 -1.07
NORTH___COUNTRY_ESR 323785	34.72 -0.28 0.00	34.47 -0.52 0.00	31.60 -0.38 0.00	30.61 -0.40 0.00	30.39 -0.40 0.00	33.20 -0.47 0.00	36.32 -0.37 0.00	31.10 -0.38 0.00	27.34 -0.42 0.00	22.64 -0.41 0.00	20.78 -0.38 0.00	14.86 -0.29 0.00	13.79 -0.31 0.00	12.45 -0.31 0.00	11.59 -0.33 0.00	12.50 -0.39 0.00	14.95 -0.46 0.00	23.50 -0.70 0.00	35.03 -0.90 0.00	48.68 -0.94 0.00	52.84 -1.03 0.00	39.58 -0.81 0.00	29.36 -0.72 0.00	24.74 -0.71 0.00
NPX_GEN_1385_PROXY 323591	49.78 2.45 -12.33	46.67 2.41 -9.26	46.64 2.24 -12.43	33.34 2.33 0.00	32.98 2.19 0.00	36.03 2.36 0.00	39.11 2.42 0.00	33.65 2.17 0.00	29.76 2.00 0.00	24.88 1.82 -0.01	22.96 1.80 -0.01	16.25 1.11 0.00	15.28 1.18 0.00	13.85 1.10 0.00	13.09 1.16 -0.01	14.12 1.23 0.00	16.83 1.42 0.00	26.51 2.30 -0.01	44.63 3.23 -5.47	53.16 3.52 -0.01	57.70 3.83 -0.01	50.66 3.39 -6.88	33.07 2.62 -0.37	28.82 2.29 -1.07
NPX_GEN_CSC 323557	50.10 2.76 -12.33	47.02 2.76 -9.26	46.90 2.50 -12.43	33.77 2.76 0.00	33.38 2.59 0.00	36.46 2.79 0.00	39.59 2.90 0.00	34.03 2.55 0.00	30.00 2.25 0.00	25.04 1.98 -0.01	23.11 1.95 -0.01	16.38 1.23 0.00	15.39 1.30 0.00	13.95 1.20 0.00	13.22 1.29 -0.01	14.27 1.38 0.00	17.02 1.60 0.00	26.85 2.64 -0.01	45.26 3.81 -5.53	54.25 4.62 -0.01	59.00 5.12 -0.01	51.46 4.12 -6.95	33.64 3.19 -0.37	29.23 2.70 -1.07
NSINS_S_GLNS_FALLS 23858	37.18 2.17 0.00	37.26 2.27 0.00	33.99 2.01 0.00	33.00 1.98 0.00	32.73 1.94 0.00	35.79 2.12 0.00	38.93 2.24 0.00	33.24 1.76 0.00	29.17 1.42 0.00	24.18 1.13 0.00	22.13 0.97 0.00	15.77 0.62 0.00	14.67 0.58 0.00	13.26 0.51 0.00	12.42 0.50 0.00	13.39 0.50 0.00	16.14 0.72 0.00	25.44 1.23 0.00	37.90 1.98 0.00	52.71 3.08 0.00	57.21 3.34 0.00	43.26 2.87 0.00	32.19 2.11 0.00	28.41 1.71 -1.25
NUCOR_STEEL___DRP 24197	34.93 -0.07 0.00	35.17 0.17 0.00	32.04 0.06 0.00	31.08 0.06 0.00	30.92 0.12 0.00	33.84 0.17 0.00	36.91 0.22 0.00	31.54 0.06 0.00	27.75 0.00 0.00	23.00 -0.05 0.00	21.07 -0.08 0.00	15.16 0.02 0.00	14.10 0.00 0.00	12.80 0.05 0.00	11.94 0.02 0.00	12.90 0.01 0.00	15.44 0.03 0.00	24.30 0.10 0.00	34.80 0.14 1.27	47.56 0.25 2.32	50.91 0.22 3.17	38.90 0.08 1.57	29.50 0.03 0.61	24.90 0.00 0.55

NUMBER_THREE_WT_PWR 323818	34.80 -0.21 0.00	34.71 -0.28 0.00	31.72 -0.26 0.00	30.73 -0.28 0.00	30.55 -0.25 0.00	33.47 -0.20 0.00	36.65 -0.04 0.00	31.23 -0.25 0.00	27.15 -0.61 0.00	22.34 -0.71 0.00	20.54 -0.61 0.00	14.65 -0.50 0.00	13.59 -0.51 0.00	12.28 -0.47 0.00	11.43 -0.49 0.00	12.35 -0.54 0.00	14.71 -0.71 0.00	23.24 -0.97 0.00	35.53 -0.39 0.00	49.68 0.05 0.00	54.03 0.16 0.00	40.63 0.24 0.00	30.26 0.18 0.00	25.56 0.05 -0.05
NYISO_LBMP_REFERENCE 24008	35.01 0.00 0.00	34.99 0.00 0.00	31.98 0.00 0.00	31.01 0.00 0.00	30.79 0.00 0.00	33.67 0.00 0.00	36.69 0.00 0.00	31.48 0.00 0.00	27.76 0.00 0.00	23.05 0.00 0.00	21.16 0.00 0.00	15.15 0.00 0.00	14.10 0.00 0.00	12.75 0.00 0.00	11.92 0.00 0.00	12.89 0.00 0.00	15.42 0.00 0.00	24.20 0.00 0.00	35.93 0.00 0.00	49.63 0.00 0.00	53.87 0.00 0.00	40.39 0.00 0.00	30.08 0.00 0.00	25.46 0.00 0.00
NYPA_BRENTWD____GT 24164	50.17 2.83 -12.33	47.06 2.80 -9.26	46.97 2.56 -12.43	33.74 2.73 0.00	33.35 2.55 0.00	36.43 2.76 0.00	39.55 2.86 0.00	34.00 2.52 0.00	30.03 2.28 0.00	25.09 2.03 -0.01	23.17 2.01 -0.01	16.41 1.26 0.00	15.44 1.34 0.00	13.98 1.22 0.00	13.22 1.29 -0.01	14.26 1.37 0.00	17.00 1.59 0.00	26.83 2.61 -0.01	45.31 3.74 -5.64	54.05 4.42 -0.01	58.73 4.85 -0.01	51.46 4.00 -7.07	33.53 3.07 -0.37	29.15 2.62 -1.07
NYPA_GOWANUS____GT5 24156	37.29 2.27 -0.01	37.17 2.17 -0.01	34.06 2.08 -0.01	33.07 2.05 -0.01	32.74 1.94 -0.01	35.76 2.09 0.00	38.63 1.94 0.00	33.46 1.98 0.00	30.00 2.25 0.00	25.16 2.10 -0.01	23.15 1.99 -0.01	16.25 1.11 0.00	15.28 1.18 0.00	13.80 1.05 0.00	12.97 1.05 0.00	14.06 1.17 0.00	16.79 1.37 0.00	26.33 2.13 0.00	38.80 2.88 0.00	53.00 3.38 0.00	57.64 3.77 0.00	44.39 3.07 -0.93	32.67 2.23 -0.36	28.64 2.11 -1.07
NYPA_GOWANUS____GT6 24157	37.29 2.27 -0.01	37.17 2.17 -0.01	34.06 2.08 -0.01	33.07 2.05 -0.01	32.74 1.94 -0.01	35.76 2.09 0.00	38.63 1.94 0.00	33.46 1.98 0.00	30.00 2.25 0.00	25.16 2.10 -0.01	23.15 1.99 -0.01	16.25 1.11 0.00	15.28 1.18 0.00	13.80 1.05 0.00	12.97 1.05 0.00	14.06 1.17 0.00	16.79 1.37 0.00	26.33 2.13 0.00	38.80 2.88 0.00	53.00 3.38 0.00	57.64 3.77 0.00	44.39 3.07 -0.93	32.67 2.23 -0.36	28.64 2.11 -1.07
NYPA_HARLEM__RVR__GT1 24160	36.82 1.82 0.01	36.73 1.75 0.01	33.74 1.76 0.00	32.72 1.70 0.00	32.39 1.60 0.01	35.41 1.75 0.01	38.26 1.58 0.01	33.23 1.76 0.01	30.00 2.25 0.00	25.16 2.10 -0.01	23.15 1.99 -0.01	16.17 1.03 0.01	15.19 1.10 0.01	13.71 0.97 0.01	12.89 0.98 0.01	13.98 1.10 0.01	16.69 1.28 0.01	26.16 1.96 0.01	38.33 2.41 0.01	52.05 2.43 0.01	56.61 2.75 0.01	43.82 2.51 -0.93	31.94 1.50 -0.36	28.27 1.76 -1.06
NYPA_HARLEM__RVR__GT2 24161	36.82 1.82 0.01	36.73 1.75 0.01	33.74 1.76 0.00	32.72 1.70 0.00	32.39 1.60 0.01	35.41 1.75 0.01	38.26 1.58 0.01	33.23 1.76 0.01	30.00 2.25 0.00	25.16 2.10 -0.01	23.15 1.99 -0.01	16.17 1.03 0.01	15.19 1.10 0.01	13.71 0.97 0.01	12.89 0.98 0.01	13.98 1.10 0.01	16.69 1.28 0.01	26.16 1.96 0.01	38.33 2.41 0.01	52.05 2.43 0.01	56.61 2.75 0.01	43.82 2.51 -0.93	31.94 1.50 -0.36	28.27 1.76 -1.06
NYPA_KENT____GT 24152	37.18 2.17 0.00	37.09 2.10 0.00	34.00 2.02 0.00	33.00 1.99 0.00	32.68 1.88 0.00	35.69 2.02 0.00	38.59 1.91 0.00	33.43 1.95 0.00	30.00 2.25 0.00	25.16 2.10 -0.01	23.15 1.99 -0.01	16.25 1.11 0.00	15.27 1.17 0.00	13.80 1.05 0.00	12.96 1.04 0.00	14.05 1.16 0.00	16.77 1.36 0.00	26.31 2.10 0.00	38.73 2.80 0.00	52.90 3.27 0.00	57.53 3.66 0.00	44.27 2.95 -0.93	32.61 2.17 -0.36	28.56 2.04 -1.07
NYPA_POUCH1____GT 24155	37.32 2.31 -0.01	37.24 2.24 -0.01	34.13 2.14 -0.01	33.13 2.11 -0.01	32.80 2.00 -0.01	35.83 2.16 0.00	38.67 1.98 0.00	33.46 1.98 0.00	29.98 2.22 0.00	25.13 2.08 -0.01	23.13 1.97 -0.01	16.25 1.11 0.00	15.27 1.17 0.00	13.78 1.03 0.00	12.96 1.04 0.00	14.06 1.17 0.00	16.79 1.37 0.00	26.33 2.13 0.00	38.84 2.91 0.00	53.05 3.42 0.00	57.64 3.77 0.00	44.44 3.11 -0.93	32.70 2.26 -0.36	28.67 2.14 -1.07
NYPA_VERNON____GT2 24162	37.07 2.06 0.00	36.99 1.99 0.00	33.90 1.92 0.00	32.91 1.89 0.00	32.58 1.79 0.00	35.62 1.95 0.00	38.52 1.83 0.00	33.43 1.95 0.00	30.00 2.25 0.00	25.16 2.10 -0.01	23.15 1.99 -0.01	16.25 1.11 0.00	15.25 1.16 0.00	13.78 1.03 0.00	12.95 1.03 0.00	14.04 1.15 0.00	16.76 1.34 0.00	26.26 2.06 0.00	38.66 2.73 0.00	52.81 3.18 0.00	57.42 3.55 0.00	44.19 2.87 -0.93	32.52 2.07 -0.36	28.48 1.96 -1.07
NYPA_VERNON____GT3 24163	37.07 2.06 0.00	36.99 1.99 0.00	33.90 1.92 0.00	32.91 1.89 0.00	32.58 1.79 0.00	35.62 1.95 0.00	38.52 1.83 0.00	33.43 1.95 0.00	30.00 2.25 0.00	25.16 2.10 -0.01	23.15 1.99 -0.01	16.25 1.11 0.00	15.25 1.16 0.00	13.78 1.03 0.00	12.95 1.03 0.00	14.04 1.15 0.00	16.76 1.34 0.00	26.26 2.06 0.00	38.66 2.73 0.00	52.81 3.18 0.00	57.42 3.55 0.00	44.19 2.87 -0.93	32.52 2.07 -0.36	28.48 1.96 -1.07
NYPA__ASTORIA_CC1 323568	37.00 1.99 0.00	36.91 1.92 0.00	33.83 1.85 0.00	32.84 1.83 0.00	32.52 1.72 0.00	35.56 1.88 0.00	38.45 1.76 0.00	33.37 1.89 0.00	29.98 2.22 0.00	25.13 2.08 -0.01	23.15 1.99 -0.01	16.24 1.09 0.00	15.25 1.16 0.00	13.77 1.02 0.00	12.95 1.03 0.00	14.04 1.15 0.00	16.76 1.34 0.00	26.26 2.06 0.00	38.62 2.70 0.00	52.66 3.03 0.00	57.26 3.40 0.00	44.11 2.78 -0.93	32.46 2.02 -0.36	28.45 1.93 -1.06
NYPA__ASTORIA_CC2 323569	37.00 1.99 0.00	36.91 1.92 0.00	33.83 1.85 0.00	32.84 1.83 0.00	32.52 1.72 0.00	35.56 1.88 0.00	38.45 1.76 0.00	33.37 1.89 0.00	29.98 2.22 0.00	25.13 2.08 -0.01	23.15 1.99 -0.01	16.24 1.09 0.00	15.25 1.16 0.00	13.77 1.02 0.00	12.95 1.03 0.00	14.04 1.15 0.00	16.76 1.34 0.00	26.26 2.06 0.00	38.62 2.70 0.00	52.66 3.03 0.00	57.26 3.40 0.00	44.11 2.78 -0.93	32.46 2.02 -0.36	28.45 1.93 -1.06
NYPA__HOLTSVILL 23794	49.99 2.66 -12.33	46.88 2.63 -9.26	46.81 2.40 -12.43	33.68 2.67 0.00	33.29 2.49 0.00	36.37 2.69 0.00	39.47 2.79 0.00	33.94 2.46 0.00	29.98 2.22 0.00	25.02 1.96 -0.01	23.11 1.95 -0.01	16.36 1.21 0.00	15.39 1.30 0.00	13.94 1.19 0.00	13.19 1.26 -0.01	14.23 1.34 0.00	16.99 1.57 0.00	26.78 2.56 -0.01	45.12 3.67 -5.52	54.01 4.37 -0.01	58.67 4.79 -0.01	51.25 3.92 -6.94	33.49 3.04 -0.37	29.10 2.57 -1.07
NYPA__HELLGATE_GT1 24158	36.82 1.82 0.01	36.73 1.75 0.01	33.74 1.76 0.00	32.72 1.70 0.00	32.39 1.60 0.01	35.41 1.75 0.01	38.26 1.58 0.01	33.23 1.76 0.01	30.00 2.25 0.00	25.16 2.10 -0.01	23.15 1.99 -0.01	16.17 1.03 0.01	15.19 1.10 0.01	13.71 0.97 0.01	12.89 0.98 0.01	13.98 1.10 0.01	16.69 1.28 0.01	26.16 1.96 0.01	38.33 2.41 0.01	52.05 2.43 0.01	56.61 2.75 0.01	43.82 2.51 -0.93	31.94 1.50 -0.36	28.27 1.76 -1.06

NYPA_____HELLGATE_GT2 24159	36.82 1.82 0.01	36.73 1.75 0.01	33.74 1.76 0.00	32.72 1.70 0.00	32.39 1.60 0.01	35.41 1.75 0.01	38.26 1.58 0.01	33.23 1.76 0.01	30.00 2.25 0.00	25.16 2.10 -0.01	23.15 1.99 -0.01	16.17 1.03 0.01	15.19 1.10 0.01	13.71 0.97 0.01	12.89 0.98 0.01	13.98 1.10 0.01	16.69 1.28 0.01	26.16 1.96 0.01	38.33 2.41 0.01	52.05 2.43 0.01	56.61 2.75 0.01	43.82 2.51 -0.93	31.94 1.50 -0.36	28.27 1.76 -1.06
NYS_BARGE____HYD 23848	30.82 -4.17 0.02	32.26 -2.73 0.00	29.10 -2.88 0.00	28.13 -2.88 0.00	28.02 -2.77 0.00	30.53 -3.13 0.01	33.39 -3.30 0.00	28.90 -2.58 0.00	25.49 -2.25 0.02	21.09 -1.96 0.01	18.83 -2.31 0.02	13.95 -1.20 0.00	13.00 -1.10 0.00	11.73 -1.02 0.00	10.84 -1.06 0.02	11.65 -1.22 0.02	13.84 -1.56 0.02	21.50 -2.69 0.02	26.63 -3.81 5.49	35.47 -5.61 8.55	35.96 -6.19 11.72	32.82 -4.36 3.21	25.76 -3.07 1.26	20.87 -2.39 2.19
OAK ORCHARD____HYD 24046	33.10 -1.89 0.01	33.94 -1.05 0.00	30.83 -1.15 0.00	29.87 -1.15 0.00	29.75 -1.05 0.00	32.49 -1.18 0.00	35.55 -1.14 0.00	30.50 -0.98 0.00	26.83 -0.92 0.01	22.22 -0.83 0.00	19.96 -1.18 0.01	14.69 -0.45 0.00	13.67 -0.42 0.00	12.37 -0.38 0.00	11.50 -0.41 0.01	12.39 -0.49 0.01	14.76 -0.65 0.01	23.03 -1.16 0.01	31.20 -1.80 2.94	41.73 -2.53 5.37	43.76 -2.75 7.36	35.30 -2.67 2.42	27.27 -1.87 0.94	22.44 -1.53 1.49
OAKDALE____35_KV_LOAD 356122	35.17 0.14 -0.02	35.27 0.28 0.00	32.17 0.19 0.00	31.20 0.19 0.00	31.01 0.22 0.00	33.92 0.24 -0.01	36.98 0.29 0.00	31.73 0.25 0.00	27.97 0.19 -0.02	23.20 0.14 -0.01	21.31 0.13 -0.02	15.25 0.11 0.00	14.20 0.10 0.00	12.87 0.11 0.00	12.05 0.11 -0.02	13.04 0.13 -0.02	15.59 0.15 -0.02	24.51 0.29 -0.02	42.29 0.40 -5.97	61.10 0.55 -10.92	69.43 0.59 -14.97	47.38 0.48 -6.50	32.95 0.33 -2.53	29.43 0.28 -3.70
OCC_CHEM____DRP 24175	30.16 -4.83 0.02	31.74 -3.25 0.00	28.59 -3.39 0.00	27.66 -3.35 0.00	27.56 -3.23 0.00	30.03 -3.64 0.01	32.80 -3.89 0.00	28.38 -3.09 0.02	25.00 -2.72 0.03	20.95 -2.10 0.01	18.94 -2.20 0.02	13.91 -1.24 0.00	12.81 -1.28 0.00	11.57 -1.19 0.00	10.82 -1.08 0.02	11.60 -1.28 0.02	13.73 -1.66 0.02	21.10 -3.07 0.03	25.78 -4.24 5.91	34.48 -6.05 9.10	34.62 -6.79 12.46	32.23 -4.85 3.31	25.35 -3.43 1.30	20.40 -2.75 2.31
OH_GEN_PROXY 24063	30.82 -4.17 0.02	32.26 -2.73 0.00	29.10 -2.88 0.00	28.16 -2.85 0.00	28.05 -2.74 0.00	30.53 -3.13 0.01	33.39 -3.30 0.00	28.96 -2.52 0.00	25.55 -2.19 0.01	21.20 -1.85 0.01	18.92 -2.22 0.02	14.03 -1.12 0.00	13.01 -1.09 0.00	11.76 -0.99 0.00	10.91 -0.99 0.02	11.73 -1.15 0.02	13.93 -1.46 0.02	21.60 -2.59 0.01	26.14 -4.02 5.76	34.82 -5.76 9.05	35.00 -6.47 12.40	32.42 -4.68 3.28	25.53 -3.28 1.27	20.60 -2.60 2.26
OLIN_CORP_DRP 24177	30.37 -4.62 0.02	31.84 -3.15 0.00	28.72 -3.26 0.00	27.76 -3.26 0.00	27.65 -3.14 0.00	30.13 -3.54 0.01	32.91 -3.78 0.00	28.49 -2.99 0.00	25.08 -2.66 0.02	20.88 -2.17 0.01	18.83 -2.31 0.02	13.82 -1.33 0.00	12.90 -1.20 0.00	11.63 -1.12 0.00	10.73 -1.17 0.02	11.52 -1.35 0.02	13.69 -1.71 0.02	21.24 -2.95 0.02	25.86 -4.17 5.90	34.24 -6.25 9.13	34.52 -6.84 12.51	32.29 -4.77 3.34	25.43 -3.34 1.31	20.47 -2.67 2.31
OLIN_CORP_DSASP 323712	30.16 -4.83 0.02	31.74 -3.25 0.00	28.59 -3.39 0.00	27.66 -3.35 0.00	27.56 -3.23 0.00	30.03 -3.64 0.01	32.80 -3.89 0.00	28.38 -3.09 0.02	25.00 -2.72 0.03	20.95 -2.10 0.01	18.94 -2.20 0.02	13.91 -1.24 0.00	12.81 -1.28 0.00	11.57 -1.19 0.00	10.82 -1.08 0.02	11.60 -1.28 0.02	13.73 -1.66 0.02	21.10 -3.07 0.03	25.78 -4.24 5.91	34.48 -6.05 9.10	34.62 -6.79 12.46	32.23 -4.85 3.31	25.35 -3.43 1.30	20.40 -2.75 2.31
ONEIDA_HERK_LFGE 323681	35.32 0.31 0.00	35.30 0.31 0.00	32.23 0.25 0.00	31.26 0.25 0.00	31.07 0.28 0.00	34.04 0.37 0.00	37.20 0.51 0.00	31.73 0.25 0.00	27.73 -0.03 0.00	22.87 -0.19 0.00	21.03 -0.13 0.00	15.04 -0.11 0.00	13.98 -0.11 0.00	12.64 -0.11 0.00	11.80 -0.12 0.00	12.75 -0.14 0.00	15.20 -0.22 0.00	23.96 -0.24 0.00	36.18 0.25 0.00	50.42 0.79 0.00	54.84 0.97 0.00	41.20 0.81 0.00	30.65 0.57 0.00	25.94 0.43 -0.05
ONEIDA____115KV_TB4 55905	35.60 0.60 0.00	35.66 0.66 0.00	32.55 0.58 0.00	31.54 0.53 0.00	31.38 0.59 0.00	34.35 0.67 0.00	37.49 0.81 0.00	32.08 0.60 0.00	28.12 0.36 0.00	23.26 0.21 0.00	21.35 0.19 0.00	15.30 0.15 0.00	14.24 0.14 0.00	12.89 0.14 0.00	12.05 0.13 0.00	13.02 0.13 0.00	15.55 0.14 0.00	24.49 0.29 0.00	36.61 0.68 0.00	50.82 1.19 0.00	55.16 1.29 0.00	41.44 1.05 0.00	30.80 0.72 0.00	26.11 0.59 -0.07
ONONDAGA_REF_OCCRA 23987	34.76 -0.25 0.00	34.92 -0.07 0.00	31.85 -0.13 0.00	30.89 -0.12 0.00	30.73 -0.06 0.00	33.60 -0.07 0.00	36.65 -0.04 0.00	31.39 -0.09 0.00	27.65 -0.11 0.00	22.94 -0.12 0.00	21.03 -0.13 0.00	15.12 -0.03 0.00	14.05 -0.04 0.00	12.76 0.01 0.00	11.92 0.00 0.00	12.88 -0.01 0.00	15.40 -0.02 0.00	24.20 0.00 0.00	35.93 0.00 0.00	49.63 0.00 0.00	53.81 -0.05 0.00	39.18 -0.12 1.09	29.57 -0.09 0.42	25.51 -0.08 -0.13
ONONDAGA____COGEN 23986	34.76 -0.25 0.00	34.92 -0.07 0.00	31.85 -0.13 0.00	30.89 -0.12 0.00	30.73 -0.06 0.00	33.60 -0.07 0.00	36.69 0.00 0.00	31.39 -0.09 0.00	27.64 -0.11 0.00	22.94 -0.12 0.00	21.03 -0.13 0.00	15.12 -0.03 0.00	14.07 -0.03 0.00	12.76 0.01 0.00	11.92 0.00 0.00	12.89 0.00 0.00	15.40 -0.02 0.00	24.20 0.00 0.00	35.07 -0.04 0.82	48.08 -0.05 1.50	51.71 -0.11 2.05	39.03 -0.16 1.20	29.50 -0.12 0.47	25.02 -0.10 0.33
ONTARIO____LFGE 23819	34.19 -0.80 0.02	34.64 -0.35 0.00	31.47 -0.51 0.00	30.49 -0.53 0.00	30.39 -0.40 0.00	33.23 -0.44 0.01	36.32 -0.37 0.00	31.04 -0.44 0.00	27.19 -0.55 0.01	22.45 -0.60 0.01	20.49 -0.66 0.02	14.82 -0.33 0.00	13.73 -0.37 0.00	12.46 -0.29 0.00	11.61 -0.30 0.02	12.54 -0.34 0.02	15.03 -0.37 0.02	23.73 -0.46 0.01	31.95 -0.54 3.44	41.79 -0.65 7.19	43.26 -0.75 9.85	36.23 -0.81 3.35	28.11 -0.66 1.31	22.91 -0.56 1.99
ORANGEVILLE_WT_PWR 323706	31.97 -3.01 0.03	32.93 -2.06 0.00	29.74 -2.24 0.00	28.72 -2.29 0.00	28.64 -2.16 0.00	31.17 -2.49 0.01	34.05 -2.64 0.00	29.31 -2.17 0.00	25.65 -2.08 0.02	21.15 -1.89 0.01	19.23 -1.90 0.03	13.94 -1.21 0.00	12.86 -1.24 0.00	11.59 -1.16 0.00	10.77 -1.12 0.03	11.60 -1.26 0.03	13.85 -1.54 0.03	21.81 -2.37 0.02	22.53 -3.38 10.02	33.31 -4.17 12.15	32.48 -4.74 16.65	32.44 -3.43 4.52	25.57 -2.74 1.77	20.03 -2.16 3.26
ORANGEVILLE____ESR 323794	31.97 -3.01 0.03	32.93 -2.06 0.00	29.74 -2.24 0.00	28.72 -2.29 0.00	28.64 -2.16 0.00	31.17 -2.49 0.01	34.05 -2.64 0.00	29.31 -2.17 0.00	25.65 -2.08 0.02	21.15 -1.89 0.01	19.23 -1.90 0.03	13.94 -1.21 0.00	12.86 -1.24 0.00	11.59 -1.16 0.00	10.77 -1.12 0.03	11.60 -1.26 0.03	13.85 -1.54 0.03	21.81 -2.37 0.02	22.53 -3.38 10.02	33.31 -4.17 12.15	32.48 -4.74 16.65	32.44 -3.43 4.52	25.57 -2.74 1.77	20.03 -2.16 3.26

OSWEGATCHIE___HYD 24044	34.13 -0.87 0.00	33.94 -1.05 0.00	31.05 -0.93 0.00	30.05 -0.96 0.00	29.84 -0.95 0.00	32.66 -1.01 0.00	35.73 -0.95 0.00	30.44 -1.04 0.00	26.51 -1.25 0.00	21.85 -1.20 0.00	20.14 -1.02 0.00	14.39 -0.76 0.00	13.36 -0.73 0.00	12.08 -0.68 0.00	11.24 -0.68 0.00	12.14 -0.75 0.00	14.44 -0.97 0.00	22.78 -1.43 0.00	34.45 -1.47 0.00	48.14 -1.49 0.00	52.36 -1.51 0.00	39.34 -1.05 0.00	29.30 -0.78 0.00	24.73 -0.76 -0.03
OSWEGO___5 23606	34.17 -0.84 0.00	34.32 -0.67 0.00	31.30 -0.67 0.00	30.36 -0.65 0.00	30.18 -0.62 0.00	33.00 -0.67 0.00	36.03 -0.66 0.00	30.88 -0.60 0.00	27.20 -0.55 0.00	22.59 -0.46 0.00	20.67 -0.49 0.00	14.88 -0.27 0.00	13.84 -0.25 0.00	12.55 -0.20 0.00	11.72 -0.20 0.00	12.66 -0.23 0.00	15.14 -0.28 0.00	23.74 -0.46 0.00	35.21 -0.72 0.00	48.58 -1.04 0.00	52.73 -1.13 0.00	38.73 -0.93 0.73	29.13 -0.66 0.29	24.98 -0.56 -0.08
OSWEGO___6 23613	34.17 -0.84 0.00	34.32 -0.67 0.00	31.30 -0.67 0.00	30.36 -0.65 0.00	30.18 -0.62 0.00	33.00 -0.67 0.00	36.03 -0.66 0.00	30.88 -0.60 0.00	27.20 -0.55 0.00	22.59 -0.46 0.00	20.67 -0.49 0.00	14.88 -0.27 0.00	13.84 -0.25 0.00	12.55 -0.20 0.00	11.72 -0.20 0.00	12.66 -0.23 0.00	15.14 -0.28 0.00	23.74 -0.46 0.00	35.21 -0.72 0.00	48.58 -1.04 0.00	52.73 -1.13 0.00	38.73 -0.93 0.73	29.13 -0.66 0.29	24.98 -0.56 -0.08
OUTOKUMPU-AB___DRP 24206	30.96 -4.03 0.02	32.33 -2.66 0.00	29.16 -2.81 0.00	28.19 -2.82 0.00	28.08 -2.71 0.00	30.60 -3.06 0.01	33.42 -3.27 0.00	28.89 -2.58 0.01	25.43 -2.30 0.02	21.18 -1.87 0.01	19.19 -1.95 0.02	14.01 -1.14 0.00	12.98 -1.11 0.00	11.71 -1.05 0.00	10.90 -1.00 0.02	11.71 -1.16 0.02	13.89 -1.51 0.02	21.54 -2.64 0.02	26.19 -3.70 6.04	35.14 -5.21 9.28	35.29 -5.87 12.71	32.83 -4.16 3.41	25.77 -2.98 1.34	20.73 -2.34 2.38
OXBOW___BTM 323836	30.57 -4.41 0.02	32.05 -2.94 0.00	28.91 -3.07 0.00	27.94 -3.07 0.00	27.87 -2.93 0.00	30.33 -3.33 0.01	33.13 -3.56 0.00	28.73 -2.74 0.01	25.37 -2.36 0.03	21.09 -1.96 0.01	18.85 -2.29 0.02	13.97 -1.18 0.00	12.91 -1.18 0.00	11.64 -1.11 0.00	10.86 -1.04 0.02	11.66 -1.21 0.02	13.82 -1.57 0.02	21.34 -2.83 0.03	26.00 -3.95 5.97	34.83 -5.61 9.19	34.98 -6.30 12.59	32.47 -4.56 3.36	25.57 -3.19 1.32	20.64 -2.47 2.35
OXBOW___ 24026	30.58 -4.41 0.02	32.05 -2.94 0.00	28.91 -3.07 0.00	27.94 -3.07 0.00	27.87 -2.93 0.00	30.33 -3.33 0.01	33.13 -3.56 0.00	28.66 -2.80 0.01	25.23 -2.50 0.03	21.09 -1.96 0.01	19.06 -2.07 0.02	13.97 -1.18 0.00	12.91 -1.18 0.00	11.64 -1.11 0.00	10.87 -1.04 0.02	11.66 -1.21 0.02	13.82 -1.57 0.02	21.34 -2.83 0.03	26.00 -3.95 5.97	34.83 -5.61 9.19	34.98 -6.30 12.59	32.55 -4.48 3.36	25.57 -3.19 1.32	20.59 -2.52 2.35
OXY_CHEM_DSASP 323612	30.16 -4.83 0.02	31.74 -3.25 0.00	28.59 -3.39 0.00	27.66 -3.35 0.00	27.56 -3.23 0.00	30.03 -3.64 0.01	32.80 -3.89 0.00	28.38 -3.09 0.02	25.00 -2.72 0.03	20.95 -2.10 0.01	18.94 -2.20 0.02	13.91 -1.24 0.00	12.81 -1.28 0.00	11.57 -1.19 0.00	10.82 -1.08 0.02	11.60 -1.28 0.02	13.73 -1.66 0.02	21.10 -3.07 0.03	25.78 -4.24 5.91	34.48 -6.05 9.10	34.62 -6.79 12.46	32.23 -4.85 3.31	25.35 -3.43 1.30	20.40 -2.75 2.31
OZONE_PARK_ESR 323760	37.35 2.35 0.00	37.26 2.27 0.00	34.09 2.11 0.00	33.09 2.08 0.00	32.76 1.97 0.00	35.86 2.19 0.00	38.85 2.16 0.00	33.68 2.20 0.00	30.23 2.47 0.00	25.24 2.19 0.00	23.28 2.12 -0.01	16.35 1.20 0.00	15.34 1.24 0.00	13.85 1.10 0.00	13.02 1.10 0.00	14.12 1.22 0.00	16.85 1.43 0.00	26.41 2.20 0.00	38.98 3.05 0.00	53.45 3.82 0.00	58.12 4.26 0.00	44.56 3.23 -0.93	32.88 2.44 -0.36	28.63 2.11 -1.06
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	30.16 -4.83 0.02	31.74 -3.25 0.00	28.59 -3.39 0.00	27.66 -3.35 0.00	27.56 -3.23 0.00	30.03 -3.64 0.01	32.80 -3.89 0.00	28.38 -3.09 0.02	25.00 -2.72 0.03	20.95 -2.10 0.01	18.94 -2.20 0.02	13.91 -1.24 0.00	12.81 -1.28 0.00	11.57 -1.19 0.00	10.82 -1.08 0.02	11.60 -1.28 0.02	13.73 -1.66 0.02	21.10 -3.07 0.03	25.78 -4.24 5.91	34.48 -6.05 9.10	34.62 -6.79 12.46	32.23 -4.85 3.31	25.35 -3.43 1.30	20.40 -2.75 2.31
PACKARD___115KV_DUPONT_184 80571	30.16 -4.83 0.02	31.74 -3.25 0.00	28.59 -3.39 0.00	27.66 -3.35 0.00	27.56 -3.23 0.00	30.03 -3.64 0.01	32.80 -3.89 0.00	28.44 -3.02 0.02	25.11 -2.61 0.03	20.95 -2.10 0.01	18.66 -2.48 0.02	13.91 -1.24 0.00	12.81 -1.28 0.00	11.57 -1.19 0.00	10.82 -1.08 0.02	11.60 -1.28 0.02	13.73 -1.67 0.02	21.10 -3.07 0.03	25.74 -4.28 5.91	34.48 -6.06 9.10	34.62 -6.79 12.46	32.11 -4.97 3.31	25.32 -3.46 1.30	20.45 -2.70 2.31
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	36.90 1.89 0.00	36.78 1.78 0.00	33.74 1.76 0.00	32.75 1.74 0.00	32.39 1.60 0.00	35.42 1.75 0.00	38.30 1.61 0.00	33.24 1.76 0.00	30.03 2.28 0.00	25.10 2.05 0.00	23.05 1.88 -0.01	16.18 1.03 0.00	15.20 1.10 0.00	13.72 0.97 0.00	12.90 0.98 0.00	14.00 1.11 0.00	16.69 1.28 0.00	26.16 1.96 0.00	38.48 2.55 0.00	52.71 3.08 0.00	57.32 3.45 0.00	43.95 2.63 -0.93	32.52 2.08 -0.36	28.43 1.91 -1.06
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	37.39 2.38 0.00	37.30 2.31 0.00	34.18 2.21 0.00	33.18 2.17 0.00	32.86 2.06 0.00	35.96 2.29 0.00	38.85 2.16 0.00	33.71 2.24 0.00	30.42 2.66 0.00	25.40 2.35 0.00	23.32 2.16 -0.01	16.38 1.23 0.00	15.38 1.28 0.00	13.89 1.13 0.00	13.05 1.13 0.00	14.17 1.28 0.00	16.90 1.48 0.00	26.48 2.28 0.00	38.98 3.05 0.00	53.40 3.77 0.00	58.07 4.20 0.00	44.52 3.19 -0.93	32.91 2.47 -0.36	28.79 2.27 -1.06
PATROON___115KV_TB1 80586	36.02 1.02 0.00	36.04 1.05 0.00	32.97 0.99 0.00	32.01 0.99 0.00	31.72 0.92 0.00	34.72 1.04 0.00	37.64 0.95 0.00	32.33 0.85 0.00	28.56 0.80 0.00	23.74 0.69 0.00	21.81 0.66 0.00	15.57 0.42 0.00	14.49 0.39 0.00	13.10 0.34 0.00	12.27 0.35 0.00	13.28 0.39 0.00	15.94 0.52 0.00	25.05 0.85 0.00	37.15 1.22 0.00	51.22 1.59 0.00	55.54 1.67 0.00	41.84 1.45 0.00	31.23 1.14 0.00	27.75 1.07 -1.22
PATTRSNVILLE___SOLAR 323815	36.37 1.36 0.00	36.39 1.40 0.00	33.26 1.28 0.00	32.26 1.24 0.00	31.99 1.20 0.00	35.02 1.35 0.00	38.08 1.39 0.00	32.46 0.98 0.00	28.42 0.67 0.00	23.51 0.46 0.00	21.56 0.40 0.00	15.38 0.23 0.00	14.34 0.24 0.00	12.97 0.22 0.00	12.15 0.23 0.00	13.16 0.27 0.00	15.82 0.40 0.00	24.96 0.75 0.00	37.26 1.33 0.00	51.76 2.13 0.00	56.18 2.31 0.00	42.93 1.86 -0.68	31.73 1.38 -0.26	27.85 1.12 -1.28
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	32.18 -2.80 0.02	32.44 -2.55 0.00	29.29 -2.69 0.00	28.28 -2.73 0.00	28.21 -2.59 0.00	30.70 -2.96 0.01	33.53 -3.16 0.00	29.09 -2.39 0.00	25.55 -2.19 0.02	21.18 -1.87 0.01	19.63 -1.50 0.02	13.97 -1.18 0.00	12.97 -1.13 0.00	11.69 -1.06 0.00	10.96 -0.94 0.02	11.88 -0.99 0.02	14.19 -1.20 0.02	22.52 -1.67 0.02	26.79 -2.37 6.77	35.81 -3.28 10.54	35.66 -3.77 14.44	34.03 -2.54 3.82	26.74 -1.84 1.50	21.30 -1.40 2.75

PAWLING_115_KV_BK3_REV_LBMP_H 345028	37.21 2.21 0.00	37.16 2.17 0.00	33.99 2.01 0.00	33.00 1.98 0.00	32.67 1.88 0.00	35.76 2.09 0.00	38.74 2.05 0.00	33.43 1.95 0.00	29.76 2.00 0.00	24.78 1.73 0.00	22.83 1.67 0.00	16.15 1.00 0.00	15.13 1.03 0.00	13.67 0.92 0.00	12.84 0.92 0.00	13.92 1.03 0.00	16.63 1.22 0.00	26.12 1.91 0.00	38.77 2.84 0.00	53.20 3.57 0.00	57.91 4.04 0.00	44.42 3.11 -0.92	32.70 2.26 -0.36	28.46 1.93 -1.07
PEEKSKILL____ 23653	36.96 1.96 0.00	36.88 1.89 0.00	33.77 1.79 0.00	32.81 1.80 0.00	32.49 1.69 0.00	35.52 1.85 0.00	38.52 1.83 0.00	33.27 1.79 0.00	29.65 1.89 0.00	24.78 1.73 0.00	22.83 1.67 0.00	16.12 0.97 0.00	15.10 1.00 0.00	13.64 0.89 0.00	12.82 0.89 0.00	13.90 1.01 0.00	16.59 1.17 0.00	26.02 1.82 0.00	38.52 2.59 0.00	52.81 3.18 0.00	57.48 3.61 0.00	44.12 2.78 -0.95	32.56 2.11 -0.37	28.32 1.81 -1.06
PGE MADISON__WINDPWR 24146	36.97 1.96 0.00	37.02 2.03 0.00	33.74 1.76 0.00	32.66 1.64 0.00	32.49 1.69 0.00	35.63 1.95 0.00	39.22 2.53 0.00	33.40 1.92 0.00	28.98 1.22 0.00	23.68 0.62 0.00	21.65 0.49 -0.01	15.53 0.38 0.00	14.44 0.34 0.00	13.08 0.33 0.00	12.24 0.31 -0.01	13.27 0.37 -0.01	15.90 0.48 -0.01	25.25 1.04 0.00	39.19 2.08 -1.18	55.04 3.52 -1.89	60.28 3.82 -2.59	44.46 2.91 -1.16	32.52 1.99 -0.45	28.01 1.55 -1.01
PIERCEFIELD____HYD 23852	34.03 -0.98 0.00	33.73 -1.26 0.00	30.89 -1.09 0.00	29.87 -1.15 0.00	29.65 -1.14 0.00	32.43 -1.25 0.00	35.48 -1.21 0.00	30.35 -1.13 0.00	26.37 -1.39 0.00	21.83 -1.22 0.00	20.12 -1.04 0.00	14.39 -0.76 0.00	13.35 -0.75 0.00	12.05 -0.70 0.00	11.23 -0.69 0.00	12.13 -0.76 0.00	14.48 -0.94 0.00	22.78 -1.43 0.00	34.13 -1.80 0.00	47.64 -1.99 0.00	51.77 -2.10 0.00	38.86 -1.53 0.00	28.85 -1.23 0.00	24.33 -1.15 -0.02
PINELAWN_CC_1 323563	50.03 2.70 -12.33	46.91 2.66 -9.26	46.87 2.46 -12.43	33.56 2.54 0.00	33.20 2.40 0.00	36.26 2.59 0.00	39.36 2.68 0.00	33.87 2.39 0.00	29.92 2.17 0.00	24.99 1.94 -0.01	23.09 1.93 -0.01	16.35 1.20 0.00	15.37 1.27 0.00	13.91 1.16 0.00	13.15 1.22 -0.01	14.18 1.29 0.00	16.93 1.51 0.00	26.68 2.47 -0.01	45.59 3.52 -6.14	53.85 4.22 -0.01	58.51 4.63 -0.01	51.76 3.76 -7.61	33.32 2.86 -0.37	29.00 2.47 -1.07
PJM_GEN_HTP_PROXY 323702	37.14 2.14 0.00	37.05 2.06 0.00	33.93 1.95 0.00	32.94 1.92 0.00	32.61 1.82 0.00	35.69 2.02 0.00	38.67 1.98 0.00	33.50 2.02 0.00	29.98 2.22 0.00	25.11 2.05 -0.01	23.13 1.97 -0.01	16.25 1.11 0.00	15.24 1.14 0.00	13.77 1.02 0.00	12.95 1.03 0.00	14.03 1.13 0.00	16.76 1.34 0.00	26.24 2.03 0.00	38.76 2.84 0.00	53.05 3.42 0.00	57.69 3.83 0.00	44.31 2.99 -0.93	32.70 2.26 -0.36	28.45 1.93 -1.06
PJM_GEN_KEystone 24065	34.58 -0.42 0.01	34.89 -0.10 0.00	31.72 -0.26 0.00	30.76 -0.25 0.00	30.55 -0.25 0.00	33.36 -0.30 0.00	36.28 -0.40 0.00	31.39 -0.09 0.00	27.80 0.06 0.01	23.14 0.09 0.00	21.29 0.15 0.01	15.15 0.00 0.00	14.14 0.04 0.00	12.76 0.01 0.00	11.96 0.05 0.01	12.94 0.06 0.01	15.47 0.06 0.01	24.27 0.07 0.01	32.79 0.07 3.21	44.04 -0.15 5.44	46.25 -0.16 7.46	38.79 0.00 1.60	29.52 0.06 0.63	24.71 0.13 0.87
PJM_GEN_NEPTUNE_PROXY 323594	42.73 2.38 -5.35	41.35 2.34 -4.02	39.54 2.18 -5.39	33.22 2.20 0.00	32.86 2.06 0.00	35.89 2.22 0.00	38.96 2.28 0.00	33.56 2.08 0.00	29.73 1.97 0.00	24.83 1.78 -0.01	22.92 1.76 -0.01	16.24 1.09 0.00	15.27 1.17 0.00	13.82 1.07 0.00	13.05 1.12 -0.01	14.06 1.17 0.00	16.77 1.36 0.00	26.39 2.18 -0.01	42.07 2.98 -3.16	53.16 3.52 -0.01	57.76 3.88 -0.01	47.91 3.15 -4.37	32.86 2.41 -0.37	28.67 2.14 -1.07
PJM_GEN_VFT_PROXY 323633	37.04 2.03 0.00	36.91 1.92 0.00	33.80 1.82 0.00	32.81 1.80 0.00	32.49 1.69 0.00	35.56 1.88 0.00	38.52 1.83 0.00	33.40 1.92 0.00	29.92 2.17 0.00	25.06 2.00 -0.01	23.09 1.93 -0.01	16.22 1.08 0.00	15.23 1.13 0.00	13.76 1.01 0.00	12.92 1.00 0.00	14.01 1.12 0.00	16.73 1.31 0.00	26.19 1.99 0.00	38.66 2.73 0.00	52.85 3.22 0.00	57.53 3.66 0.00	44.15 2.83 -0.93	32.61 2.17 -0.36	28.38 1.86 -1.06
PLATSBURG_115KV_PMLD1 355749	35.01 0.00 0.00	34.78 -0.21 0.00	31.85 -0.13 0.00	30.83 -0.19 0.00	30.64 -0.15 0.00	33.47 -0.20 0.00	36.61 -0.07 0.00	31.35 -0.13 0.00	27.48 -0.28 0.00	22.82 -0.23 0.00	20.97 -0.19 0.00	14.98 -0.17 0.00	13.90 -0.20 0.00	12.53 -0.22 0.00	11.67 -0.25 0.00	12.61 -0.28 0.00	15.06 -0.35 0.00	23.70 -0.51 0.00	35.32 -0.61 0.00	49.13 -0.50 0.00	53.33 -0.54 0.00	39.95 -0.44 0.00	29.63 -0.45 0.00	24.97 -0.48 0.00
PLEASANTVLY____LBMP 24000	36.76 1.75 0.00	36.71 1.71 0.00	33.58 1.60 0.00	32.63 1.61 0.00	32.33 1.54 0.00	35.36 1.68 0.00	38.34 1.65 0.00	33.12 1.64 0.00	29.51 1.75 0.00	24.60 1.54 0.00	22.66 1.50 0.00	16.01 0.86 0.00	14.99 0.89 0.00	13.54 0.79 0.00	12.72 0.80 0.00	13.78 0.89 0.00	16.46 1.05 0.00	25.83 1.62 0.00	38.26 2.34 0.00	52.51 2.88 0.00	57.10 3.23 0.00	43.77 2.50 -0.87	32.32 1.90 -0.34	28.18 1.63 -1.09
PLSNTVLE_13_KV_13.8KVDIST 80602	37.11 2.10 0.00	37.02 2.03 0.00	33.86 1.89 0.00	32.91 1.89 0.00	32.61 1.82 0.00	35.66 1.99 0.00	38.67 1.98 0.00	33.40 1.92 0.00	29.81 2.05 0.00	24.87 1.82 0.00	22.92 1.76 0.00	16.18 1.03 0.00	15.15 1.06 0.00	13.70 0.94 0.00	12.86 0.94 0.00	13.95 1.06 0.00	16.65 1.23 0.00	26.12 1.91 0.00	38.66 2.73 0.00	53.00 3.37 0.00	57.69 3.82 0.00	44.22 2.91 -0.92	32.64 2.20 -0.36	28.43 1.91 -1.07
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	37.11 2.10 0.00	37.02 2.03 0.00	33.86 1.89 0.00	32.91 1.89 0.00	32.61 1.82 0.00	35.66 1.99 0.00	38.67 1.98 0.00	33.40 1.92 0.00	29.81 2.05 0.00	24.87 1.82 0.00	22.92 1.76 0.00	16.18 1.03 0.00	15.15 1.06 0.00	13.70 0.94 0.00	12.86 0.94 0.00	13.95 1.06 0.00	16.65 1.23 0.00	26.12 1.91 0.00	38.66 2.73 0.00	53.00 3.37 0.00	57.69 3.82 0.00	44.22 2.91 -0.92	32.64 2.20 -0.36	28.43 1.91 -1.07
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	36.93 1.93 0.00	36.91 1.92 0.00	33.74 1.76 0.00	32.78 1.77 0.00	32.46 1.66 0.00	35.52 1.85 0.00	38.52 1.83 0.00	33.21 1.73 0.00	29.51 1.75 0.00	24.57 1.52 0.00	22.62 1.46 0.00	16.01 0.86 0.00	14.99 0.89 0.00	13.54 0.79 0.00	12.72 0.80 0.00	13.79 0.90 0.00	16.48 1.06 0.00	25.87 1.67 0.00	38.41 2.48 0.00	52.85 3.23 0.00	57.48 3.61 0.00	44.07 2.79 -0.89	32.45 2.02 -0.35	28.27 1.73 -1.09
POLETTI____ 23519	37.07 2.07 0.00	36.98 1.99 0.00	33.86 1.89 0.00	32.87 1.86 0.00	32.55 1.76 0.00	35.62 1.95 0.00	38.60 1.91 0.00	33.43 1.95 0.00	30.01 2.25 0.00	25.08 2.03 0.00	23.13 1.97 -0.01	16.21 1.06 0.00	15.21 1.11 0.00	13.75 0.99 0.00	12.91 0.99 0.00	14.00 1.11 0.00	16.71 1.29 0.00	26.19 1.98 0.00	38.66 2.73 0.00	52.95 3.33 0.00	57.58 3.72 0.00	44.15 2.83 -0.93	32.61 2.17 -0.36	28.43 1.91 -1.06

POMONA___ESR 323819	37.00 1.99 0.00	36.91 1.92 0.00	33.77 1.79 0.00	32.81 1.80 0.00	32.49 1.69 0.00	35.56 1.88 0.00	38.52 1.83 0.00	33.27 1.79 0.00	29.65 1.89 0.00	24.78 1.73 0.00	22.83 1.67 0.00	16.12 0.97 0.00	15.10 1.00 0.00	13.64 0.89 0.00	12.83 0.91 0.00	13.90 1.01 0.00	16.59 1.17 0.00	26.02 1.82 0.00	38.55 2.62 0.00	52.85 3.22 0.00	57.53 3.66 0.00	44.23 2.87 -0.97	32.57 2.11 -0.38	28.65 1.81 -1.38
PORT_JEFF_3 23555	50.10 2.76 -12.33	46.99 2.73 -9.26	46.90 2.50 -12.43	33.74 2.73 0.00	33.35 2.55 0.00	36.46 2.79 0.00	39.59 2.90 0.00	34.03 2.55 0.00	30.03 2.28 0.00	25.09 2.03 -0.01	23.15 1.99 -0.01	16.41 1.26 0.00	15.42 1.32 0.00	13.98 1.22 0.00	13.22 1.29 -0.01	14.27 1.38 0.00	17.02 1.60 0.00	26.85 2.64 -0.01	45.26 3.81 -5.53	54.20 4.56 -0.01	58.89 5.01 -0.01	51.41 4.08 -6.95	33.58 3.13 -0.37	29.18 2.65 -1.07
PORT_JEFF_4 23616	50.10 2.76 -12.33	46.99 2.73 -9.26	46.90 2.50 -12.43	33.74 2.73 0.00	33.35 2.55 0.00	36.46 2.79 0.00	39.59 2.90 0.00	34.03 2.55 0.00	30.03 2.28 0.00	25.09 2.03 -0.01	23.15 1.99 -0.01	16.41 1.26 0.00	15.42 1.32 0.00	13.98 1.22 0.00	13.22 1.29 -0.01	14.27 1.38 0.00	17.02 1.60 0.00	26.85 2.64 -0.01	45.26 3.81 -5.53	54.20 4.56 -0.01	58.89 5.01 -0.01	51.41 4.08 -6.95	33.58 3.13 -0.37	29.18 2.65 -1.07
PORT_JEFF_IC 23713	50.17 2.84 -12.33	47.05 2.80 -9.26	46.97 2.56 -12.43	33.84 2.82 0.00	33.44 2.65 0.00	36.53 2.86 0.00	39.66 2.97 0.00	34.09 2.61 0.00	30.14 2.39 0.00	25.10 2.05 0.00	23.17 2.01 -0.01	16.44 1.29 0.00	15.45 1.35 0.00	14.00 1.25 0.00	13.24 1.31 -0.01	14.36 1.47 0.00	17.06 1.65 0.00	26.92 2.71 -0.01	45.39 3.92 -5.55	54.35 4.71 -0.01	59.10 5.23 -0.01	51.52 4.16 -6.97	33.68 3.22 -0.37	29.28 2.75 -1.07
PPL PILGRIM_ST_GT1 24216	50.17 2.83 -12.33	47.06 2.80 -9.26	46.97 2.56 -12.43	33.74 2.73 0.00	33.35 2.55 0.00	36.43 2.76 0.00	39.55 2.86 0.00	34.00 2.52 0.00	30.03 2.28 0.00	25.09 2.03 -0.01	23.17 2.01 -0.01	16.41 1.26 0.00	15.44 1.34 0.00	13.98 1.22 0.00	13.22 1.29 -0.01	14.26 1.37 0.00	17.00 1.59 0.00	26.83 2.61 -0.01	45.31 3.74 -5.64	54.05 4.42 -0.01	58.73 4.85 -0.01	51.46 4.00 -7.07	33.53 3.07 -0.37	29.15 2.62 -1.07
PPL PILGRIM_ST_GT2 24217	50.17 2.83 -12.33	47.06 2.80 -9.26	46.97 2.56 -12.43	33.74 2.73 0.00	33.35 2.55 0.00	36.43 2.76 0.00	39.55 2.86 0.00	34.00 2.52 0.00	30.03 2.28 0.00	25.09 2.03 -0.01	23.17 2.01 -0.01	16.41 1.26 0.00	15.44 1.34 0.00	13.98 1.22 0.00	13.22 1.29 -0.01	14.26 1.37 0.00	17.00 1.59 0.00	26.83 2.61 -0.01	45.31 3.74 -5.64	54.05 4.42 -0.01	58.73 4.85 -0.01	51.46 4.00 -7.07	33.53 3.07 -0.37	29.15 2.62 -1.07
PPL_SHRM_GT3 24213	50.10 2.76 -12.33	47.02 2.76 -9.26	46.90 2.50 -12.43	33.81 2.79 0.00	33.41 2.62 0.00	36.50 2.83 0.00	39.62 2.94 0.00	34.03 2.55 0.00	30.00 2.25 0.00	25.04 1.98 -0.01	23.13 1.97 -0.01	16.38 1.23 0.00	15.39 1.30 0.00	13.95 1.20 0.00	13.22 1.29 -0.01	14.27 1.38 0.00	17.02 1.60 0.00	26.85 2.64 -0.01	45.31 3.85 -5.54	54.30 4.66 -0.01	59.00 5.12 -0.01	51.47 4.12 -6.96	33.64 3.19 -0.37	29.23 2.70 -1.07
PPL_SHRM_GT4 24214	50.10 2.76 -12.33	47.02 2.76 -9.26	46.90 2.50 -12.43	33.81 2.79 0.00	33.41 2.62 0.00	36.50 2.83 0.00	39.62 2.94 0.00	34.03 2.55 0.00	30.00 2.25 0.00	25.04 1.98 -0.01	23.13 1.97 -0.01	16.38 1.23 0.00	15.39 1.30 0.00	13.95 1.20 0.00	13.22 1.29 -0.01	14.27 1.38 0.00	17.02 1.60 0.00	26.85 2.64 -0.01	45.31 3.85 -5.54	54.30 4.66 -0.01	59.00 5.12 -0.01	51.47 4.12 -6.96	33.64 3.19 -0.37	29.23 2.70 -1.07
PROJECT___ORANGE 1 24174	34.62 -0.39 0.00	34.78 -0.21 0.00	31.72 -0.26 0.00	30.77 -0.25 0.00	30.61 -0.18 0.00	33.47 -0.20 0.00	36.50 -0.18 0.00	31.26 -0.22 0.00	27.54 -0.22 0.00	22.84 -0.21 0.00	20.95 -0.21 0.00	15.07 -0.08 0.00	14.03 -0.07 0.00	12.73 -0.03 0.00	11.89 -0.04 0.00	12.84 -0.05 0.00	15.35 -0.06 0.00	24.11 -0.10 0.00	35.71 -0.22 0.00	49.33 -0.30 0.00	53.49 -0.38 0.00	39.09 -0.36 0.94	29.48 -0.24 0.36	25.33 -0.23 -0.10
PROJECT___ORANGE 2 24166	34.62 -0.39 0.00	34.78 -0.21 0.00	31.72 -0.26 0.00	30.77 -0.25 0.00	30.61 -0.18 0.00	33.47 -0.20 0.00	36.50 -0.18 0.00	31.26 -0.22 0.00	27.54 -0.22 0.00	22.84 -0.21 0.00	20.95 -0.21 0.00	15.07 -0.08 0.00	14.03 -0.07 0.00	12.73 -0.03 0.00	11.89 -0.04 0.00	12.84 -0.05 0.00	15.35 -0.06 0.00	24.11 -0.10 0.00	35.71 -0.22 0.00	49.33 -0.30 0.00	53.49 -0.38 0.00	39.09 -0.36 0.94	29.48 -0.24 0.36	25.33 -0.23 -0.10
PUCKETT___SOLAR 323809	35.69 0.66 -0.02	35.76 0.77 0.00	32.62 0.64 0.00	31.63 0.62 0.00	31.44 0.65 0.00	34.42 0.74 -0.01	37.64 0.95 0.00	32.17 0.69 0.00	28.24 0.47 -0.01	23.31 0.25 -0.01	21.41 0.23 -0.02	15.30 0.15 0.00	14.24 0.14 0.00	12.90 0.15 0.00	12.08 0.14 -0.02	13.09 0.18 -0.02	15.66 0.23 -0.02	24.73 0.51 -0.01	41.07 0.86 -4.28	58.81 1.34 -7.84	66.12 1.51 -10.75	46.58 1.17 -5.02	32.85 0.81 -1.95	28.94 0.69 -2.80
PYRITES___HYD 24023	34.62 -0.39 0.00	34.29 -0.70 0.00	31.40 -0.58 0.00	30.33 -0.68 0.00	30.15 -0.65 0.00	32.93 -0.74 0.00	36.06 -0.62 0.00	30.79 -0.69 0.00	26.70 -1.05 0.00	22.08 -0.97 0.00	20.31 -0.85 0.00	14.53 -0.62 0.00	13.46 -0.63 0.00	12.15 -0.60 0.00	11.31 -0.61 0.00	12.23 -0.66 0.00	14.63 -0.79 0.00	23.09 -1.11 0.00	34.67 -1.26 0.00	48.54 -1.09 0.00	52.74 -1.13 0.00	39.62 -0.77 0.00	29.39 -0.69 0.00	24.79 -0.69 -0.02
QUAKERRD_115KV_BK1 80622	32.72 -2.28 0.01	33.42 -1.57 0.00	30.35 -1.63 0.00	29.43 -1.58 0.00	29.32 -1.48 0.00	32.02 -1.65 0.00	35.04 -1.65 0.00	29.97 -1.51 0.00	26.39 -1.36 0.01	21.90 -1.15 0.00	19.90 -1.25 0.01	14.48 -0.67 0.00	13.48 -0.62 0.00	12.19 -0.56 0.00	11.34 -0.57 0.01	12.22 -0.66 0.01	14.57 -0.83 0.01	22.77 -1.43 0.01	31.13 -2.19 2.60	41.79 -3.08 4.76	44.01 -3.34 6.52	35.11 -3.03 2.25	27.01 -2.20 0.88	22.30 -1.83 1.32
QUENSBRY_115KV_TB8 356137	37.21 2.21 0.00	37.30 2.31 0.00	34.02 2.05 0.00	33.00 1.98 0.00	32.76 1.97 0.00	35.83 2.15 0.00	38.96 2.27 0.00	33.24 1.76 0.00	29.17 1.42 0.00	24.18 1.13 0.00	22.13 0.97 0.00	15.77 0.62 0.00	14.67 0.58 0.00	13.26 0.51 0.00	12.41 0.49 0.00	13.39 0.50 0.00	16.14 0.72 0.00	25.44 1.23 0.00	37.94 2.01 0.00	52.75 3.13 0.00	57.21 3.34 0.00	43.30 2.91 0.00	32.19 2.11 0.00	28.44 1.73 -1.25
RAMAPO___LBMP 323565	36.90 1.89 0.00	36.81 1.82 0.00	33.67 1.69 0.00	32.72 1.71 0.00	32.39 1.60 0.00	35.46 1.78 0.00	38.45 1.76 0.00	33.21 1.73 0.00	29.62 1.86 0.00	24.71 1.66 0.00	22.76 1.61 0.00	16.07 0.92 0.00	15.06 0.96 0.00	13.61 0.85 0.00	12.79 0.87 0.00	13.86 0.97 0.00	16.56 1.14 0.00	25.95 1.74 0.00	39.05 2.51 -0.61	53.82 3.08 -1.12	58.90 3.50 -1.53	44.08 2.71 -0.98	32.48 2.02 -0.38	28.60 1.76 -1.38

RANKINE_____	31.62	32.65	29.45	28.47	28.36	30.87	33.72	29.18	25.63	21.27	19.40	14.04	13.01	11.73	10.92	11.77	14.02	21.96	25.91	34.88	34.74	33.08	26.00	20.73
23646	-3.36	-2.34	-2.53	-2.54	-2.43	-2.79	-2.97	-2.30	-2.11	-1.78	-1.73	-1.11	-1.09	-1.02	-0.98	-1.10	-1.37	-2.23	-3.27	-4.52	-5.12	-3.59	-2.62	-2.06
	0.02	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.02	0.01	0.02	0.00	0.00	0.00	0.02	0.02	0.02	0.02	6.75	10.23	14.01	3.72	1.47	2.66
RAVENSWOOD_GT2_1	37.11	36.98	33.86	32.91	32.58	35.62	38.60	33.46	30.01	25.08	23.13	16.21	15.21	13.75	12.92	14.01	16.71	26.19	38.66	52.95	57.64	44.19	32.64	28.43
24244	2.10	1.99	1.89	1.89	1.79	1.95	1.91	1.98	2.25	2.03	1.97	1.06	1.11	0.99	1.00	1.12	1.29	1.98	2.73	3.33	3.77	2.87	2.20	1.91
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.93	-0.36	-1.06
RAVENSWOOD_GT2_2	37.11	36.98	33.86	32.91	32.58	35.62	38.60	33.46	30.01	25.08	23.13	16.21	15.21	13.75	12.92	14.01	16.71	26.19	38.66	52.95	57.64	44.19	32.64	28.43
24245	2.10	1.99	1.89	1.89	1.79	1.95	1.91	1.98	2.25	2.03	1.97	1.06	1.11	0.99	1.00	1.12	1.29	1.98	2.73	3.33	3.77	2.87	2.20	1.91
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.93	-0.36	-1.06
RAVENSWOOD_GT2_3	37.11	37.02	33.90	32.91	32.58	35.66	38.60	33.46	30.03	25.10	23.13	16.22	15.22	13.76	12.92	14.01	16.73	26.21	38.69	53.00	57.64	44.19	32.64	28.45
24246	2.10	2.03	1.92	1.89	1.79	1.99	1.91	1.98	2.28	2.05	1.97	1.08	1.13	1.01	1.00	1.12	1.31	2.01	2.77	3.37	3.77	2.87	2.20	1.93
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.93	-0.36	-1.06
RAVENSWOOD_GT2_4	37.11	37.02	33.90	32.91	32.58	35.66	38.60	33.46	30.03	25.10	23.13	16.22	15.22	13.76	12.92	14.01	16.73	26.21	38.69	53.00	57.64	44.19	32.64	28.45
24247	2.10	2.03	1.92	1.89	1.79	1.99	1.91	1.98	2.28	2.05	1.97	1.08	1.13	1.01	1.00	1.12	1.31	2.01	2.77	3.37	3.77	2.87	2.20	1.93
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.93	-0.36	-1.06
RAVENSWOOD_GT3_1	37.11	37.02	33.90	32.91	32.58	35.66	38.63	33.46	30.03	25.08	23.13	16.24	15.22	13.76	12.93	14.03	16.73	26.21	38.69	53.00	57.69	44.23	32.67	28.48
24248	2.10	2.03	1.92	1.89	1.79	1.99	1.94	1.98	2.28	2.03	1.97	1.09	1.13	1.01	1.01	1.13	1.31	2.01	2.77	3.37	3.82	2.91	2.23	1.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.93	-0.36	-1.06
RAVENSWOOD_GT3_2	37.11	37.02	33.90	32.91	32.58	35.66	38.63	33.46	30.03	25.08	23.13	16.24	15.22	13.76	12.93	14.03	16.73	26.21	38.69	53.00	57.69	44.23	32.67	28.48
24249	2.10	2.03	1.92	1.89	1.79	1.99	1.94	1.98	2.28	2.03	1.97	1.09	1.13	1.01	1.01	1.13	1.31	2.01	2.77	3.37	3.82	2.91	2.23	1.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.93	-0.36	-1.06
RAVENSWOOD_GT3_3	37.14	37.05	33.93	32.94	32.61	35.69	38.67	33.49	30.06	25.13	23.15	16.25	15.25	13.78	12.95	14.04	16.76	26.26	38.77	53.10	57.75	44.27	32.70	28.51
24250	2.14	2.06	1.95	1.92	1.82	2.02	1.98	2.01	2.30	2.07	1.99	1.11	1.16	1.03	1.03	1.15	1.34	2.06	2.84	3.47	3.88	2.95	2.26	1.99
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.93	-0.36	-1.06
RAVENSWOOD_GT3_4	37.14	37.05	33.93	32.94	32.61	35.69	38.67	33.49	30.06	25.13	23.15	16.25	15.25	13.78	12.95	14.04	16.76	26.26	38.77	53.10	57.75	44.27	32.70	28.51
24251	2.14	2.06	1.95	1.92	1.82	2.02	1.98	2.01	2.30	2.07	1.99	1.11	1.16	1.03	1.03	1.15	1.34	2.06	2.84	3.47	3.88	2.95	2.26	1.99
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.93	-0.36	-1.06
RAVENSWOOD_GT_1	37.07	36.99	33.90	32.91	32.58	35.62	38.52	33.43	30.09	25.15	23.15	16.25	15.25	13.78	12.95	14.05	16.76	26.26	38.66	52.95	57.64	44.19	32.67	28.53
23729	2.07	1.99	1.92	1.89	1.79	1.95	1.83	1.95	2.33	2.10	1.99	1.11	1.16	1.03	1.03	1.16	1.34	2.06	2.73	3.33	3.77	2.87	2.23	2.01
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.93	-0.36	-1.07
RAVENSWOOD_GT_10	37.11	36.98	33.86	32.91	32.58	35.62	38.60	33.46	30.01	25.08	23.13	16.21	15.21	13.75	12.91	14.01	16.71	26.19	38.66	52.95	57.64	44.19	32.64	28.43
24258	2.10	1.99	1.89	1.89	1.79	1.95	1.91	1.98	2.25	2.03	1.97	1.06	1.11	0.99	0.99	1.12	1.29	1.98	2.73	3.33	3.77	2.87	2.20	1.91
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.93	-0.36	-1.06
RAVENSWOOD_GT_11	37.11	36.98	33.86	32.91	32.58	35.62	38.60	33.46	30.01	25.08	23.13	16.21	15.21	13.75	12.91	14.01	16.71	26.19	38.66	52.95	57.64	44.19	32.64	28.43
24259	2.10	1.99	1.89	1.89	1.79	1.95	1.91	1.98	2.25	2.03	1.97	1.06	1.11	0.99	0.99	1.12	1.29	1.98	2.73	3.33	3.77	2.87	2.20	1.91
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.93	-0.36	-1.06
RAVENSWOOD_GT_4	37.07	36.98	33.86	32.90	32.58	35.62	38.56	33.43	30.03	25.10	23.13	16.22	15.22	13.76	12.93	14.03	16.74	26.24	38.66	52.95	57.64	44.19	32.64	28.48
24252	2.07	1.99	1.89	1.89	1.79	1.95	1.87	1.95	2.28	2.05	1.97	1.08	1.13	1.01	1.01	1.13	1.33	2.03	2.73	3.33	3.77	2.87	2.20	1.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.93	-0.36	-1.06
RAVENSWOOD_GT_5	37.07	36.98	33.86	32.90	32.58	35.62	38.56	33.43	30.03	25.10	23.13	16.22	15.22	13.76	12.93	14.03	16.74	26.24	38.66	52.95	57.64	44.19	32.64	28.48
24254	2.07	1.99	1.89	1.89	1.79	1.95	1.87	1.95	2.28	2.05	1.97	1.08	1.13	1.01	1.01	1.13	1.33	2.03	2.73	3.33	3.77	2.87	2.20	1.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.93	-0.36	-1.06
RAVENSWOOD_GT_6	37.07	36.98	33.86	32.90	32.58	35.62	38.56	33.43	30.03	25.10	23.13	16.22	15.22	13.76	12.93	14.03	16.74	26.24	38.66	52.95	57.64	44.19	32.64	28.48
24253	2.07	1.99	1.89	1.89	1.79	1.95	1.87	1.95	2.28	2.05	1.97	1.08	1.13	1.01	1.01	1.13	1.33	2.03	2.73	3.33	3.77	2.87	2.20	1.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.93	-0.36	-1.06

RAVENSWOOD_GT_7 24255	37.07 2.07 0.00	36.98 1.99 0.00	33.86 1.89 0.00	32.90 1.89 0.00	32.58 1.79 0.00	35.62 1.95 0.00	38.56 1.87 0.00	33.43 1.95 0.00	30.03 2.28 0.00	25.10 2.05 0.00	23.13 1.97 -0.01	16.22 1.08 0.00	15.22 1.13 0.00	13.76 1.01 0.00	12.93 1.01 0.00	14.03 1.13 0.00	16.74 1.33 0.00	26.24 2.03 0.00	38.66 2.73 0.00	52.95 3.33 0.00	57.64 3.77 0.00	44.19 2.87 -0.93	32.64 2.20 -0.36	28.48 1.96 -1.06
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	37.11 2.10 0.00	36.98 1.99 0.00	33.86 1.89 0.00	32.91 1.89 0.00	32.58 1.79 0.00	35.62 1.95 0.00	38.60 1.91 0.00	33.46 1.98 0.00	30.01 2.25 0.00	25.08 2.03 0.00	23.13 1.97 -0.01	16.21 1.06 0.00	15.21 1.11 0.00	13.75 0.99 0.00	12.91 0.99 0.00	14.01 1.12 0.00	16.71 1.29 0.00	26.19 1.98 0.00	38.66 2.73 0.00	52.95 3.33 0.00	57.64 3.77 0.00	44.19 2.87 -0.93	32.64 2.20 -0.36	28.43 1.91 -1.06
RAVENSWOOD_GT_9 24257	37.11 2.10 0.00	36.98 1.99 0.00	33.86 1.89 0.00	32.91 1.89 0.00	32.58 1.79 0.00	35.62 1.95 0.00	38.60 1.91 0.00	33.46 1.98 0.00	30.01 2.25 0.00	25.08 2.03 0.00	23.13 1.97 -0.01	16.21 1.06 0.00	15.21 1.11 0.00	13.75 0.99 0.00	12.91 0.99 0.00	14.01 1.12 0.00	16.71 1.29 0.00	26.19 1.98 0.00	38.66 2.73 0.00	52.95 3.33 0.00	57.64 3.77 0.00	44.19 2.87 -0.93	32.64 2.20 -0.36	28.43 1.91 -1.06
RAVENSWOOD____1 23533	37.07 2.06 0.00	36.95 1.96 0.00	33.86 1.89 0.00	32.87 1.86 0.00	32.55 1.75 0.00	35.59 1.92 0.00	38.52 1.83 0.00	33.40 1.92 0.00	29.98 2.22 0.00	25.13 2.08 -0.01	23.15 1.99 -0.01	16.24 1.09 0.00	15.25 1.16 0.00	13.78 1.03 0.00	12.95 1.03 0.00	14.04 1.15 0.00	16.76 1.34 0.00	26.26 2.06 0.00	38.66 2.73 0.00	52.76 3.13 0.00	57.37 3.50 0.00	44.15 2.83 -0.93	32.52 2.07 -0.36	28.45 1.93 -1.06
RAVENSWOOD____2 23534	37.04 2.03 0.00	36.95 1.96 0.00	33.86 1.89 0.00	32.87 1.86 0.00	32.55 1.75 0.00	35.59 1.92 0.00	38.48 1.80 0.00	33.40 1.92 0.00	29.98 2.22 0.00	25.13 2.08 -0.01	23.13 1.97 -0.01	16.24 1.09 0.00	15.25 1.16 0.00	13.77 1.02 0.00	12.95 1.03 0.00	14.04 1.15 0.00	16.76 1.34 0.00	26.26 2.06 0.00	38.66 2.73 0.00	52.76 3.13 0.00	57.37 3.50 0.00	44.15 2.83 -0.93	32.52 2.07 -0.36	28.45 1.93 -1.06
RAVENSWOOD____3 23535	37.11 2.10 0.00	37.02 2.03 0.00	33.90 1.92 0.00	32.91 1.89 0.00	32.58 1.79 0.00	35.66 1.99 0.00	38.59 1.91 0.00	33.46 1.98 0.00	29.95 2.19 0.00	25.09 2.03 -0.01	23.11 1.95 -0.01	16.22 1.08 0.00	15.23 1.13 0.00	13.76 1.01 0.00	12.92 1.00 0.00	14.01 1.12 0.00	16.73 1.31 0.00	26.21 2.01 0.00	38.69 2.77 0.00	52.95 3.33 0.00	57.58 3.71 0.00	44.23 2.91 -0.93	32.64 2.19 -0.36	28.43 1.91 -1.06
RAVENSWOOD____4 23820	37.03 2.03 0.00	36.95 1.96 0.00	33.86 1.89 0.00	32.87 1.86 0.00	32.55 1.75 0.00	35.59 1.92 0.00	38.48 1.80 0.00	33.40 1.92 0.00	29.98 2.22 0.00	25.13 2.08 -0.01	23.13 1.97 -0.01	16.24 1.09 0.00	15.24 1.14 0.00	13.77 1.02 0.00	12.95 1.03 0.00	14.04 1.15 0.00	16.76 1.34 0.00	26.26 2.06 0.00	38.62 2.70 0.00	52.76 3.13 0.00	57.37 3.50 0.00	44.15 2.83 -0.93	32.49 2.05 -0.36	28.45 1.93 -1.06
RCPL_TRUST____DRP 24196	37.18 2.17 0.00	37.09 2.10 0.00	33.96 1.98 0.00	32.97 1.95 0.00	32.64 1.85 0.00	35.73 2.05 0.00	38.71 2.02 0.00	33.53 2.05 0.00	30.06 2.30 0.00	25.13 2.07 0.00	23.18 2.01 -0.01	16.27 1.12 0.00	15.25 1.16 0.00	13.80 1.05 0.00	12.96 1.04 0.00	14.05 1.16 0.00	16.77 1.36 0.00	26.26 2.06 0.00	38.80 2.87 0.00	53.15 3.52 0.00	57.80 3.93 0.00	44.31 2.99 -0.93	32.73 2.29 -0.36	28.51 1.99 -1.06
RED____ROCHESTER 323720	33.31 -1.68 0.01	34.12 -0.87 0.00	30.99 -0.99 0.00	30.05 -0.96 0.00	29.90 -0.89 0.00	32.66 -1.01 0.00	35.77 -0.92 0.00	30.66 -0.82 0.00	26.97 -0.78 0.01	22.33 -0.71 0.00	20.07 -1.08 0.01	14.78 -0.36 0.00	13.76 -0.34 0.00	12.45 -0.31 0.00	11.58 -0.33 0.01	12.46 -0.43 0.01	14.85 -0.55 0.01	23.20 -0.99 0.01	31.47 -1.54 2.91	42.12 -2.18 5.33	44.20 -2.37 7.30	35.60 -2.41 2.41	27.46 -1.68 0.94	22.60 -1.38 1.48
REGAN____SOLAR 323812	37.11 2.10 0.00	37.20 2.21 0.00	33.93 1.95 0.00	32.91 1.89 0.00	32.64 1.85 0.00	35.73 2.05 0.00	38.81 2.13 0.00	32.58 1.10 0.00	28.15 0.39 0.00	23.12 0.07 0.00	21.16 0.00 0.00	15.09 -0.06 0.00	14.08 -0.01 0.00	12.75 0.00 0.00	11.97 0.05 0.00	13.01 0.12 0.00	15.66 0.25 0.00	24.88 0.68 0.00	37.62 1.69 0.00	52.90 3.27 0.00	57.48 3.61 0.00	44.01 2.83 -0.79	32.47 2.07 -0.31	28.41 1.63 -1.33
RENSSELAER____COGEN 23796	35.88 0.88 0.00	35.90 0.91 0.00	32.84 0.86 0.00	31.88 0.87 0.00	31.63 0.83 0.00	34.58 0.91 0.00	37.49 0.81 0.00	32.23 0.75 0.00	28.48 0.72 0.00	23.70 0.64 0.00	21.81 0.66 0.00	15.54 0.39 0.00	14.46 0.37 0.00	13.07 0.32 0.00	12.24 0.32 0.00	13.25 0.36 0.00	15.89 0.48 0.00	24.98 0.77 0.00	37.04 1.11 0.00	51.02 1.39 0.00	55.32 1.45 0.00	41.68 1.29 0.00	31.11 1.02 0.00	27.66 0.99 -1.21
REPUBLIC_115KV_BARTNBRK 55605	38.05 3.05 0.00	38.21 3.22 0.00	34.79 2.81 0.00	33.77 2.76 0.00	33.53 2.74 0.00	36.67 3.00 0.00	39.84 3.16 0.00	33.81 2.33 0.00	29.51 1.75 0.00	24.37 1.31 0.00	22.28 1.12 0.00	15.86 0.71 0.00	14.75 0.65 0.00	13.30 0.55 0.00	12.46 0.54 0.00	13.47 0.58 0.00	16.31 0.89 0.00	25.80 1.60 0.00	38.73 2.80 0.00	54.19 4.57 0.00	58.77 4.90 0.00	44.43 4.04 0.00	33.03 2.95 0.00	29.00 2.29 -1.25
REVERE_CPPR_DRP 24186	35.74 0.74 0.00	35.76 0.77 0.00	32.65 0.67 0.00	31.66 0.65 0.00	31.47 0.68 0.00	34.48 0.81 0.00	37.64 0.95 0.00	32.20 0.72 0.00	28.15 0.39 0.00	23.21 0.16 0.00	21.33 0.17 0.00	15.29 0.14 0.00	14.22 0.13 0.00	12.88 0.13 0.00	12.03 0.11 0.00	12.99 0.10 0.00	15.51 0.09 0.00	24.45 0.24 0.00	36.68 0.75 0.00	51.07 1.44 0.00	55.48 1.62 0.00	41.68 1.29 0.00	31.02 0.93 0.00	26.26 0.74 -0.06
REYNLDDPA_13_KV_LD 356490	34.94 -0.07 0.00	34.64 -0.35 0.00	31.72 -0.26 0.00	30.67 -0.34 0.00	30.49 -0.31 0.00	33.27 -0.40 0.00	36.39 -0.29 0.00	31.16 -0.31 0.00	27.34 -0.42 0.00	22.66 -0.39 0.00	20.84 -0.32 0.00	14.94 -0.21 0.00	13.87 -0.23 0.00	12.53 -0.22 0.00	11.68 -0.24 0.00	12.63 -0.26 0.00	15.08 -0.34 0.00	23.67 -0.53 0.00	35.21 -0.72 0.00	48.93 -0.69 0.00	52.90 -0.97 0.00	39.79 -0.60 0.00	29.60 -0.48 0.00	24.95 -0.51 0.00
REYNOLDS_115KV_TB3 80639	36.20 1.19 0.00	36.22 1.22 0.00	33.10 1.12 0.00	32.13 1.12 0.00	31.87 1.08 0.00	34.85 1.18 0.00	37.82 1.14 0.00	32.52 1.04 0.00	28.76 1.00 0.00	23.91 0.85 0.00	21.96 0.80 0.00	15.66 0.52 0.00	14.59 0.49 0.00	13.18 0.43 0.00	12.35 0.43 0.00	13.37 0.48 0.00	16.03 0.62 0.00	25.17 0.97 0.00	37.36 1.44 0.00	51.46 1.84 0.00	55.81 1.94 0.00	42.05 1.66 0.00	31.35 1.26 0.00	27.82 1.15 -1.22

RIVERBAY____ 323610	37.39 2.38 0.00	37.30 2.31 0.00	34.18 2.21 0.00	33.18 2.17 0.00	32.86 2.06 0.00	35.96 2.29 0.00	38.85 2.16 0.00	33.71 2.24 0.00	30.42 2.66 0.00	25.40 2.35 0.00	23.32 2.16 -0.01	16.38 1.23 0.00	15.38 1.28 0.00	13.89 1.13 0.00	13.05 1.13 0.00	14.17 1.28 0.00	16.90 1.48 0.00	26.48 2.28 0.00	38.98 3.05 0.00	53.40 3.77 0.00	58.07 4.20 0.00	44.52 3.19 -0.93	32.91 2.47 -0.36	28.79 2.27 -1.06
RIVERSDE_115KV_TB3 55908	36.02 1.02 0.00	36.08 1.08 0.00	32.97 0.99 0.00	32.01 0.99 0.00	31.75 0.95 0.00	34.72 1.04 0.00	37.68 0.99 0.00	32.39 0.91 0.00	28.62 0.86 0.00	23.79 0.74 0.00	21.88 0.72 0.00	15.60 0.45 0.00	14.52 0.42 0.00	13.13 0.38 0.00	12.29 0.37 0.00	13.30 0.41 0.00	15.97 0.55 0.00	25.08 0.87 0.00	37.18 1.26 0.00	51.27 1.64 0.00	55.59 1.72 0.00	41.89 1.49 0.00	31.23 1.14 0.00	27.74 1.07 -1.22
ROARING__BROOK_WT_PWR 323790	34.72 -0.28 0.00	34.71 -0.28 0.00	31.76 -0.22 0.00	30.83 -0.18 0.00	30.61 -0.18 0.00	33.47 -0.20 0.00	36.51 -0.18 0.00	31.32 -0.16 0.00	27.59 -0.17 0.00	22.89 -0.16 0.00	20.97 -0.19 0.00	15.00 -0.15 0.00	13.91 -0.18 0.00	12.56 -0.19 0.00	11.72 -0.20 0.00	12.66 -0.23 0.00	15.14 -0.28 0.00	23.82 -0.39 0.00	35.42 -0.50 0.00	49.04 -0.59 0.00	53.11 -0.75 0.00	39.74 -0.65 0.00	29.51 -0.57 0.00	24.92 -0.54 0.00
ROCHESRG_115KV_T4 355643	33.00 -2.00 0.01	33.84 -1.15 0.00	30.73 -1.25 0.00	29.77 -1.24 0.00	29.65 -1.14 0.00	32.35 -1.31 0.00	35.44 -1.25 0.00	30.35 -1.13 0.00	26.69 -1.05 0.01	22.17 -0.88 0.00	20.11 -1.04 0.01	14.66 -0.48 0.00	13.65 -0.45 0.00	12.33 -0.42 0.00	11.47 -0.44 0.01	12.35 -0.53 0.01	14.73 -0.68 0.01	22.99 -1.21 0.01	31.18 -1.90 2.85	41.74 -2.68 5.21	43.77 -2.96 7.14	35.23 -2.79 2.37	27.17 -1.99 0.92	22.34 -1.65 1.46
ROCHESTER_9_IC 23652	33.17 -1.82 0.01	34.01 -0.98 0.00	30.86 -1.12 0.00	29.93 -1.09 0.00	29.81 -0.99 0.00	32.52 -1.14 0.00	35.62 -1.06 0.00	30.47 -1.01 0.00	26.83 -0.92 0.01	22.26 -0.78 0.00	20.19 -0.95 0.01	14.72 -0.42 0.00	13.72 -0.38 0.00	12.39 -0.36 0.00	11.53 -0.38 0.01	12.42 -0.46 0.01	14.79 -0.62 0.01	23.11 -1.09 0.01	31.32 -1.69 2.91	41.91 -2.38 5.33	43.97 -2.59 7.31	35.48 -2.50 2.41	27.34 -1.80 0.94	22.47 -1.50 1.48
ROCKVIEW_13_KV_LD 356306	37.21 2.21 0.00	37.09 2.10 0.00	33.96 1.98 0.00	33.00 1.98 0.00	32.67 1.88 0.00	35.76 2.09 0.00	38.74 2.05 0.00	33.49 2.01 0.00	29.95 2.19 0.00	24.99 1.94 0.00	23.02 1.86 0.00	16.22 1.08 0.00	15.21 1.11 0.00	13.76 1.01 0.00	12.92 1.00 0.00	14.01 1.12 0.00	16.71 1.29 0.00	26.21 2.01 0.00	38.77 2.84 0.00	53.10 3.47 0.00	57.80 3.93 0.00	44.35 3.03 -0.93	32.73 2.29 -0.36	28.51 1.99 -1.06
ROME____115KV_TB2 80656	35.74 0.74 0.00	35.76 0.77 0.00	32.65 0.67 0.00	31.66 0.65 0.00	31.47 0.68 0.00	34.48 0.81 0.00	37.64 0.95 0.00	32.20 0.72 0.00	28.15 0.39 0.00	23.21 0.16 0.00	21.33 0.17 0.00	15.29 0.14 0.00	14.22 0.13 0.00	12.88 0.13 0.00	12.03 0.11 0.00	12.99 0.10 0.00	15.51 0.09 0.00	24.45 0.24 0.00	36.68 0.75 0.00	51.07 1.44 0.00	55.48 1.62 0.00	41.68 1.29 0.00	31.02 0.93 0.00	26.26 0.74 -0.06
ROSETON__1 23587	36.72 1.71 0.00	36.67 1.68 0.00	33.54 1.57 0.00	32.59 1.58 0.00	32.27 1.48 0.00	35.32 1.65 0.00	38.30 1.61 0.00	33.05 1.57 0.00	29.39 1.64 0.00	24.55 1.50 0.00	22.62 1.46 0.00	16.00 0.85 0.00	14.97 0.87 0.00	13.53 0.78 0.00	12.71 0.79 0.00	13.77 0.88 0.00	16.45 1.03 0.00	25.80 1.60 0.00	38.23 2.30 0.00	52.46 2.83 0.00	57.05 3.18 0.00	43.78 2.46 -0.93	32.28 1.84 -0.36	28.13 1.60 -1.07
ROSETON__2 23588	36.72 1.71 0.00	36.67 1.68 0.00	33.54 1.57 0.00	32.59 1.58 0.00	32.27 1.48 0.00	35.32 1.65 0.00	38.30 1.61 0.00	33.05 1.57 0.00	29.39 1.64 0.00	24.55 1.50 0.00	22.62 1.46 0.00	16.00 0.85 0.00	14.97 0.87 0.00	13.53 0.78 0.00	12.71 0.79 0.00	13.77 0.88 0.00	16.45 1.03 0.00	25.80 1.60 0.00	38.23 2.30 0.00	52.46 2.83 0.00	57.05 3.18 0.00	43.78 2.46 -0.93	32.28 1.84 -0.36	28.13 1.60 -1.07
ROTTDRAM_115KV_TB3 80664	36.16 1.16 0.00	36.18 1.19 0.00	33.07 1.09 0.00	32.07 1.05 0.00	31.81 1.02 0.00	34.82 1.14 0.00	37.82 1.14 0.00	32.42 0.94 0.00	28.59 0.83 0.00	23.72 0.67 0.00	21.77 0.61 0.00	15.54 0.39 0.00	14.48 0.38 0.00	13.08 0.33 0.00	12.26 0.33 0.00	13.27 0.37 0.00	15.89 0.48 0.00	25.00 0.80 0.00	37.18 1.26 0.00	51.42 1.79 0.00	55.81 1.94 0.00	41.97 1.58 0.00	31.26 1.17 0.00	27.68 0.97 -1.26
RUSSELL__1 23602	33.31 -1.68 0.01	34.12 -0.87 0.00	30.99 -0.99 0.00	30.05 -0.96 0.00	29.90 -0.89 0.00	32.66 -1.01 0.00	35.77 -0.92 0.00	30.57 -0.91 0.00	26.92 -0.83 0.01	22.33 -0.71 0.00	20.26 -0.89 0.01	14.79 -0.36 0.00	13.76 -0.34 0.00	12.45 -0.31 0.00	11.58 -0.33 0.01	12.45 -0.43 0.01	14.85 -0.55 0.01	23.20 -0.99 0.01	31.47 -1.54 2.91	42.12 -2.18 5.33	44.20 -2.37 7.30	35.68 -2.30 2.41	27.49 -1.65 0.94	22.57 -1.40 1.48
RUSSELL__2 23532	33.31 -1.68 0.01	34.12 -0.87 0.00	30.99 -0.99 0.00	30.05 -0.96 0.00	29.90 -0.89 0.00	32.66 -1.01 0.00	35.77 -0.92 0.00	30.57 -0.91 0.00	26.92 -0.83 0.01	22.33 -0.71 0.00	20.26 -0.89 0.01	14.79 -0.36 0.00	13.76 -0.34 0.00	12.45 -0.31 0.00	11.58 -0.33 0.01	12.45 -0.43 0.01	14.85 -0.55 0.01	23.20 -0.99 0.01	31.47 -1.54 2.91	42.12 -2.18 5.33	44.20 -2.37 7.30	35.68 -2.30 2.41	27.49 -1.65 0.94	22.57 -1.40 1.48
RUSSELL__3 23549	33.31 -1.68 0.01	34.12 -0.87 0.00	30.99 -0.99 0.00	30.05 -0.96 0.00	29.90 -0.89 0.00	32.66 -1.01 0.00	35.77 -0.92 0.00	30.57 -0.91 0.00	26.92 -0.83 0.01	22.33 -0.71 0.00	20.26 -0.89 0.01	14.79 -0.36 0.00	13.76 -0.34 0.00	12.45 -0.31 0.00	11.58 -0.33 0.01	12.45 -0.43 0.01	14.85 -0.55 0.01	23.20 -0.99 0.01	31.47 -1.54 2.91	42.12 -2.18 5.33	44.20 -2.37 7.30	35.68 -2.30 2.41	27.49 -1.65 0.94	22.57 -1.40 1.48
RUSSELL__4 23556	33.31 -1.68 0.01	34.12 -0.87 0.00	30.99 -0.99 0.00	30.05 -0.96 0.00	29.90 -0.89 0.00	32.66 -1.01 0.00	35.77 -0.92 0.00	30.57 -0.91 0.00	26.92 -0.83 0.01	22.33 -0.71 0.00	20.26 -0.89 0.01	14.79 -0.36 0.00	13.76 -0.34 0.00	12.45 -0.31 0.00	11.58 -0.33 0.01	12.45 -0.43 0.01	14.85 -0.55 0.01	23.20 -0.99 0.01	31.47 -1.54 2.91	42.12 -2.18 5.33	44.20 -2.37 7.30	35.68 -2.30 2.41	27.49 -1.65 0.94	22.57 -1.40 1.48
RUSSELL__STATION 23914	33.31 -1.68 0.01	34.12 -0.87 0.00	30.99 -0.99 0.00	30.05 -0.96 0.00	29.90 -0.89 0.00	32.66 -1.01 0.00	35.77 -0.92 0.00	30.57 -0.91 0.00	26.92 -0.83 0.01	22.33 -0.71 0.00	20.26 -0.89 0.01	14.79 -0.36 0.00	13.76 -0.34 0.00	12.45 -0.31 0.00	11.58 -0.33 0.01	12.45 -0.43 0.01	14.85 -0.55 0.01	23.20 -0.99 0.01	31.47 -1.54 2.91	42.12 -2.18 5.33	44.20 -2.37 7.30	35.68 -2.30 2.41	27.49 -1.65 0.94	22.57 -1.40 1.48

S SALMON___HYD 24043	34.52 -0.49 0.00	34.61 -0.38 0.00	31.60 -0.38 0.00	30.64 -0.37 0.00	30.46 -0.34 0.00	33.30 -0.37 0.00	36.28 -0.40 0.00	31.01 -0.47 0.00	27.20 -0.55 0.00	22.50 -0.55 0.00	20.69 -0.47 0.00	14.88 -0.27 0.00	13.83 -0.27 0.00	12.53 -0.22 0.00	11.69 -0.23 0.00	12.62 -0.27 0.00	15.06 -0.35 0.00	23.69 -0.51 0.00	35.39 -0.54 0.00	49.13 -0.50 0.00	53.44 -0.43 0.00	39.32 -0.28 0.79	29.53 -0.24 0.31	25.31 -0.23 -0.08
S.PERRY___115KV_TB1 80734	33.83 -1.16 0.02	34.64 -0.35 0.00	31.37 -0.61 0.00	30.39 -0.62 0.00	30.33 -0.46 0.00	33.09 -0.57 0.01	36.25 -0.44 0.00	30.82 -0.66 0.00	26.85 -0.89 0.02	22.12 -0.92 0.01	20.06 -1.08 0.02	14.54 -0.61 0.00	13.46 -0.63 0.00	12.19 -0.56 0.00	11.34 -0.56 0.02	12.24 -0.63 0.02	14.65 -0.74 0.02	23.15 -1.04 0.02	32.15 -1.22 2.55	37.58 -1.29 10.76	37.73 -1.40 14.74	34.77 -1.29 4.33	27.31 -1.08 1.69	21.54 -0.94 2.97
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	31.17 -3.82 0.02	32.47 -2.52 0.00	29.26 -2.72 0.00	28.32 -2.70 0.00	28.21 -2.59 0.00	30.70 -2.96 0.01	33.57 -3.12 0.00	29.02 -2.46 0.00	25.55 -2.19 0.02	21.22 -1.82 0.01	19.23 -1.90 0.02	14.03 -1.12 0.00	13.01 -1.09 0.00	11.74 -1.01 0.00	10.91 -0.99 0.02	11.74 -1.13 0.02	13.95 -1.45 0.02	21.72 -2.47 0.02	25.83 -3.70 6.40	34.80 -5.21 9.61	34.84 -5.87 13.16	32.76 -4.16 3.47	25.69 -3.01 1.38	20.58 -2.39 2.48
SAWYER___23_KV_LOAD 55526	31.17 -3.82 0.02	32.47 -2.52 0.00	29.26 -2.72 0.00	28.32 -2.70 0.00	28.21 -2.59 0.00	30.70 -2.96 0.01	33.57 -3.12 0.00	29.02 -2.46 0.00	25.55 -2.19 0.02	21.22 -1.82 0.01	19.23 -1.90 0.02	14.03 -1.12 0.00	13.01 -1.09 0.00	11.74 -1.01 0.00	10.91 -0.99 0.02	11.74 -1.13 0.02	13.95 -1.45 0.02	21.72 -2.47 0.02	25.83 -3.70 6.40	34.80 -5.21 9.61	34.84 -5.87 13.16	32.76 -4.16 3.47	25.69 -3.01 1.38	20.58 -2.39 2.48
SELKIRK___I 23801	36.16 1.15 0.00	36.21 1.22 0.00	33.10 1.12 0.00	32.13 1.11 0.00	31.87 1.08 0.00	34.85 1.18 0.00	37.79 1.10 0.00	32.39 0.91 0.00	28.51 0.75 0.00	23.70 0.64 0.00	21.79 0.63 0.00	15.53 0.38 0.00	14.46 0.37 0.00	13.07 0.32 0.00	12.24 0.32 0.00	13.27 0.37 0.00	15.89 0.48 0.00	25.00 0.80 0.00	37.22 1.29 0.00	51.36 1.74 0.00	55.80 1.94 0.00	42.68 1.62 -0.68	31.55 1.20 -0.26	27.75 1.09 -1.20
SELKIRK___II 23799	35.91 0.91 0.00	35.94 0.95 0.00	32.87 0.89 0.00	31.91 0.90 0.00	31.65 0.86 0.00	34.61 0.94 0.00	37.57 0.88 0.00	32.30 0.82 0.00	28.51 0.75 0.00	23.72 0.67 0.00	21.83 0.68 0.00	15.56 0.41 0.00	14.48 0.38 0.00	13.10 0.34 0.00	12.27 0.35 0.00	13.28 0.39 0.00	15.91 0.49 0.00	24.98 0.77 0.00	37.08 1.15 0.00	51.07 1.44 0.00	55.43 1.56 0.00	41.72 1.33 0.00	31.11 1.02 0.00	27.63 0.97 -1.21
SENECA OSWGO___HYD 24041	34.17 -0.84 0.00	34.29 -0.70 0.00	31.30 -0.67 0.00	30.36 -0.65 0.00	30.18 -0.62 0.00	33.03 -0.64 0.00	36.03 -0.66 0.00	30.85 -0.63 0.00	27.17 -0.58 0.00	22.55 -0.51 0.00	20.65 -0.51 0.00	14.88 -0.27 0.00	13.84 -0.25 0.00	12.55 -0.20 0.00	11.72 -0.20 0.00	12.66 -0.23 0.00	15.14 -0.28 0.00	23.77 -0.43 0.00	35.24 -0.68 0.00	48.68 -0.94 0.00	52.79 -1.08 0.00	38.64 -0.89 0.87	29.11 -0.63 0.34	25.01 -0.54 -0.09
SENECA___115KV_TB3 355854	31.66 -3.33 0.02	32.68 -2.31 0.00	29.48 -2.49 0.00	28.47 -2.54 0.00	28.39 -2.40 0.00	30.90 -2.76 0.01	33.75 -2.94 0.00	29.24 -2.23 0.00	25.77 -1.97 0.02	21.29 -1.75 0.01	19.38 -1.76 0.02	14.04 -1.11 0.00	13.03 -1.07 0.00	11.74 -1.01 0.00	10.93 -0.97 0.02	11.79 -1.08 0.02	14.02 -1.37 0.02	21.98 -2.20 0.02	25.91 -3.27 6.75	34.93 -4.47 10.23	34.74 -5.12 14.01	33.00 -3.68 3.72	26.00 -2.62 1.47	20.81 -1.99 2.66
SENECA___ENERGY 23797	34.26 -0.74 0.01	34.61 -0.38 0.00	31.50 -0.48 0.00	30.52 -0.50 0.00	30.39 -0.40 0.00	33.23 -0.44 0.00	36.28 -0.40 0.00	31.07 -0.41 0.00	27.28 -0.47 0.01	22.59 -0.46 0.00	20.62 -0.53 0.01	14.89 -0.26 0.00	13.83 -0.27 0.00	12.53 -0.22 0.00	11.70 -0.21 0.01	12.64 -0.25 0.01	15.13 -0.28 0.01	23.84 -0.36 0.01	33.47 -0.50 1.96	45.04 -0.59 4.00	47.69 -0.70 5.47	37.48 -0.73 2.18	28.66 -0.57 0.85	23.92 -0.48 1.05
SHOEMAKER___GT 23640	36.62 1.61 0.00	36.57 1.58 0.00	33.45 1.47 0.00	32.50 1.49 0.00	32.18 1.39 0.00	35.22 1.55 0.00	38.19 1.50 0.00	32.93 1.45 0.00	29.23 1.47 0.00	24.41 1.36 0.00	22.47 1.31 0.00	15.91 0.76 0.00	14.89 0.79 0.00	13.45 0.70 0.00	12.64 0.72 0.00	13.69 0.80 0.00	16.36 0.94 0.00	25.68 1.48 0.00	38.70 2.12 -0.65	53.49 2.68 -1.19	58.51 3.01 -1.63	43.81 2.38 -1.04	32.20 1.71 -0.41	28.36 1.53 -1.38
SHOEMAKR_138KV_BK 111 55601	36.62 1.61 0.00	36.57 1.57 0.00	33.45 1.47 0.00	32.50 1.49 0.00	32.18 1.39 0.00	35.22 1.55 0.00	38.19 1.50 0.00	32.93 1.45 0.00	29.29 1.53 0.00	24.44 1.38 0.00	22.49 1.33 0.00	15.92 0.77 0.00	14.90 0.80 0.00	13.47 0.71 0.00	12.65 0.73 0.00	13.71 0.81 0.00	16.37 0.96 0.00	25.68 1.48 0.00	38.74 2.16 -0.65	53.51 2.68 -1.20	58.52 3.02 -1.64	43.82 2.38 -1.05	32.24 1.74 -0.41	28.36 1.53 -1.38
SHOREHAM_IC_1 23715	50.10 2.76 -12.33	47.02 2.76 -9.26	46.90 2.50 -12.43	33.81 2.79 0.00	33.41 2.62 0.00	36.50 2.83 0.00	39.62 2.94 0.00	34.03 2.55 0.00	30.00 2.25 0.00	25.04 1.98 -0.01	23.13 1.97 -0.01	16.38 1.23 0.00	15.39 1.30 0.00	13.95 1.20 0.00	13.22 1.29 -0.01	14.27 1.38 0.00	17.02 1.60 0.00	26.85 2.64 -0.01	45.31 3.85 -5.54	54.30 4.66 -0.01	59.00 5.12 -0.01	51.47 4.12 -6.96	33.64 3.19 -0.37	29.23 2.70 -1.07
SHOREHAM_IC_2 23716	50.10 2.76 -12.33	47.02 2.76 -9.26	46.90 2.50 -12.43	33.81 2.79 0.00	33.41 2.62 0.00	36.50 2.83 0.00	39.62 2.94 0.00	34.03 2.55 0.00	30.00 2.25 0.00	25.04 1.98 -0.01	23.13 1.97 -0.01	16.38 1.23 0.00	15.39 1.30 0.00	13.95 1.20 0.00	13.22 1.29 -0.01	14.27 1.38 0.00	17.02 1.60 0.00	26.85 2.64 -0.01	45.31 3.85 -5.54	54.30 4.66 -0.01	59.00 5.12 -0.01	51.47 4.12 -6.96	33.64 3.19 -0.37	29.23 2.70 -1.07
SISSONVILLE___ 23735	34.03 -0.98 0.00	33.73 -1.26 0.00	30.89 -1.09 0.00	29.87 -1.15 0.00	29.65 -1.14 0.00	32.43 -1.25 0.00	35.48 -1.21 0.00	30.35 -1.13 0.00	26.37 -1.39 0.00	21.83 -1.22 0.00	20.12 -1.04 0.00	14.39 -0.76 0.00	13.35 -0.75 0.00	12.05 -0.70 0.00	11.23 -0.69 0.00	12.13 -0.76 0.00	14.48 -0.94 0.00	22.78 -1.43 0.00	34.13 -1.80 0.00	47.64 -1.99 0.00	51.77 -2.10 0.00	38.86 -1.53 0.00	28.85 -1.23 0.00	24.33 -1.15 -0.02
SITHE_IND_GS1 24169	33.96 -1.05 0.00	34.12 -0.87 0.00	31.15 -0.83 0.00	30.21 -0.81 0.00	29.99 -0.80 0.00	32.83 -0.84 0.00	35.85 -0.84 0.00	30.72 -0.76 0.00	27.06 -0.69 0.00	22.48 -0.58 0.00	20.56 -0.59 0.00	14.82 -0.33 0.00	13.79 -0.31 0.00	12.48 -0.27 0.00	11.66 -0.26 0.00	12.60 -0.30 0.00	15.06 -0.35 0.00	23.62 -0.58 0.00	34.96 -0.97 0.00	48.29 -1.34 0.00	52.42 -1.45 0.00	38.49 -1.21 0.69	28.97 -0.84 0.27	24.82 -0.71 -0.07

SITHE_IND_GS2 24170	33.96 -1.05 0.00	34.12 -0.87 0.00	31.15 -0.83 0.00	30.21 -0.81 0.00	29.99 -0.80 0.00	32.83 -0.84 0.00	35.85 -0.84 0.00	30.72 -0.76 0.00	27.06 -0.69 0.00	22.48 -0.58 0.00	20.56 -0.59 0.00	14.82 -0.33 0.00	13.79 -0.31 0.00	12.48 -0.27 0.00	11.66 -0.26 0.00	12.60 -0.30 0.00	15.06 -0.35 0.00	23.62 -0.58 0.00	34.96 -0.97 0.00	48.29 -1.34 0.00	52.42 -1.45 0.00	38.49 -1.21 0.69	28.97 -0.84 0.27	24.82 -0.71 -0.07
SITHE_IND_GS3 24171	33.96 -1.05 0.00	34.12 -0.87 0.00	31.15 -0.83 0.00	30.21 -0.81 0.00	29.99 -0.80 0.00	32.83 -0.84 0.00	35.85 -0.84 0.00	30.72 -0.76 0.00	27.06 -0.69 0.00	22.48 -0.58 0.00	20.56 -0.59 0.00	14.82 -0.33 0.00	13.79 -0.31 0.00	12.48 -0.27 0.00	11.66 -0.26 0.00	12.60 -0.30 0.00	15.06 -0.35 0.00	23.62 -0.58 0.00	34.96 -0.97 0.00	48.29 -1.34 0.00	52.42 -1.45 0.00	38.49 -1.21 0.69	28.97 -0.84 0.27	24.82 -0.71 -0.07
SITHE_IND_GS4 24172	33.96 -1.05 0.00	34.12 -0.87 0.00	31.15 -0.83 0.00	30.21 -0.81 0.00	29.99 -0.80 0.00	32.83 -0.84 0.00	35.85 -0.84 0.00	30.72 -0.76 0.00	27.06 -0.69 0.00	22.48 -0.58 0.00	20.56 -0.59 0.00	14.82 -0.33 0.00	13.79 -0.31 0.00	12.48 -0.27 0.00	11.66 -0.26 0.00	12.60 -0.30 0.00	15.06 -0.35 0.00	23.62 -0.58 0.00	34.96 -0.97 0.00	48.29 -1.34 0.00	52.42 -1.45 0.00	38.49 -1.21 0.69	28.97 -0.84 0.27	24.82 -0.71 -0.07
SITHE___BATAVIA 24024	32.05 -2.94 0.02	33.28 -1.71 0.00	30.06 -1.92 0.00	29.12 -1.89 0.00	29.01 -1.79 0.00	31.65 -2.02 0.01	34.67 -2.02 0.00	29.84 -1.64 0.00	26.22 -1.53 0.01	21.64 -1.41 0.01	19.34 -1.80 0.02	14.32 -0.83 0.00	13.34 -0.76 0.00	12.03 -0.73 0.00	11.14 -0.76 0.02	11.99 -0.89 0.02	14.26 -1.14 0.02	22.25 -1.94 0.01	28.54 -2.66 4.73	38.24 -3.82 7.57	39.35 -4.15 10.37	34.28 -3.15 2.96	26.73 -2.19 1.16	21.75 -1.73 1.97
SITHE___INDEPEND 23800	33.96 -1.05 0.00	34.12 -0.87 0.00	31.15 -0.83 0.00	30.21 -0.81 0.00	29.99 -0.80 0.00	32.83 -0.84 0.00	35.84 -0.84 0.00	30.72 -0.76 0.00	27.06 -0.69 0.00	22.48 -0.58 0.00	20.59 -0.57 0.00	14.82 -0.33 0.00	13.79 -0.31 0.00	12.48 -0.27 0.00	11.66 -0.26 0.00	12.59 -0.30 0.00	15.06 -0.35 0.00	23.62 -0.58 0.00	34.99 -0.93 0.00	48.29 -1.34 0.00	52.41 -1.45 0.00	38.49 -1.21 0.69	28.97 -0.84 0.27	24.81 -0.71 -0.07
SITHE___MASSENA 23902	34.80 -0.21 0.00	34.50 -0.49 0.00	31.63 -0.35 0.00	30.58 -0.43 0.00	30.36 -0.43 0.00	33.17 -0.50 0.00	36.28 -0.40 0.00	31.04 -0.44 0.00	27.20 -0.55 0.00	22.55 -0.51 0.00	20.73 -0.42 0.00	14.86 -0.29 0.00	13.79 -0.31 0.00	12.46 -0.29 0.00	11.61 -0.31 0.00	12.56 -0.34 0.00	14.98 -0.43 0.00	23.55 -0.65 0.00	35.10 -0.82 0.00	48.78 -0.84 0.00	52.95 -0.92 0.00	39.74 -0.65 0.00	29.51 -0.57 0.00	24.87 -0.58 0.00
SITHE___OGDNSBRG 24021	34.87 -0.14 0.00	34.50 -0.49 0.00	31.63 -0.35 0.00	30.55 -0.47 0.00	30.36 -0.43 0.00	33.17 -0.51 0.00	36.32 -0.37 0.00	30.98 -0.50 0.00	26.92 -0.83 0.00	22.27 -0.78 0.00	20.48 -0.68 0.00	14.65 -0.50 0.00	13.59 -0.51 0.00	12.27 -0.48 0.00	11.42 -0.50 0.00	12.35 -0.54 0.00	14.77 -0.65 0.00	23.31 -0.90 0.00	34.92 -1.01 0.00	48.88 -0.74 0.00	53.11 -0.75 0.00	39.87 -0.53 0.00	29.57 -0.51 0.00	24.95 -0.51 0.00
SITHE___STERLING 23777	35.60 0.59 0.00	35.65 0.66 0.00	32.55 0.58 0.00	31.54 0.53 0.00	31.38 0.58 0.00	34.34 0.67 0.00	37.49 0.81 0.00	32.05 0.57 0.00	28.12 0.36 0.00	23.26 0.21 0.00	21.33 0.17 0.00	15.30 0.15 0.00	14.24 0.14 0.00	12.89 0.14 0.00	12.05 0.13 0.00	13.02 0.13 0.00	15.55 0.14 0.00	24.50 0.29 0.00	36.61 0.68 0.00	50.82 1.19 0.00	55.16 1.29 0.00	41.44 1.05 0.00	30.80 0.72 0.00	26.11 0.59 -0.07
SLEIGHT__34_KV_TB1 80719	33.60 -1.40 0.01	34.19 -0.80 0.00	31.08 -0.90 0.00	30.15 -0.87 0.00	30.02 -0.77 0.00	32.79 -0.88 0.00	35.88 -0.81 0.00	30.66 -0.82 0.00	26.95 -0.80 0.01	22.36 -0.69 0.00	20.34 -0.80 0.01	14.79 -0.36 0.00	13.74 -0.35 0.00	12.46 -0.29 0.00	11.60 -0.31 0.01	12.51 -0.37 0.01	14.93 -0.48 0.01	23.40 -0.80 0.01	32.40 -1.22 2.30	43.73 -1.69 4.21	46.21 -1.89 5.77	36.47 -1.82 2.10	27.94 -1.32 0.82	23.19 -1.12 1.15
SOUTH CAIRO___GT 23612	36.90 1.89 0.00	36.95 1.96 0.00	33.77 1.79 0.00	32.75 1.74 0.00	32.46 1.66 0.00	35.56 1.89 0.00	38.49 1.80 0.00	32.90 1.42 0.00	28.78 1.03 0.00	23.79 0.74 0.00	21.81 0.66 0.00	15.57 0.42 0.00	14.52 0.42 0.00	13.10 0.34 0.00	12.30 0.38 0.00	13.33 0.44 0.00	16.02 0.60 0.00	25.29 1.09 0.00	37.90 1.98 0.00	52.66 3.03 0.00	57.21 3.34 0.00	43.78 2.67 -0.72	32.17 1.80 -0.28	27.96 1.32 -1.18
SOUTH HAMPTN___IC 23720	50.45 3.11 -12.33	47.13 2.87 -9.26	46.87 2.46 -12.43	33.74 2.73 0.00	33.32 2.53 0.00	36.40 2.73 0.00	39.55 2.86 0.00	34.00 2.52 0.00	29.92 2.17 0.00	24.97 1.91 -0.01	23.05 1.88 -0.01	16.32 1.17 0.00	15.34 1.24 0.00	13.91 1.16 0.00	13.24 1.31 -0.01	14.32 1.43 0.00	17.02 1.60 0.00	26.75 2.54 -0.01	45.23 3.77 -5.53	54.25 4.62 -0.01	59.00 5.12 -0.01	51.38 4.04 -6.95	33.58 3.13 -0.37	29.23 2.70 -1.07
SOUTHDOW__115KV_TB1 355954	32.78 -2.21 0.02	33.45 -1.54 0.00	30.22 -1.76 0.00	29.18 -1.83 0.00	29.10 -1.69 0.00	31.64 -2.02 0.01	34.56 -2.13 0.00	29.84 -1.64 0.00	26.21 -1.53 0.02	21.61 -1.43 0.01	19.78 -1.35 0.02	14.12 -1.03 0.00	13.07 -1.03 0.00	11.76 -0.99 0.00	10.94 -0.95 0.02	11.82 -1.04 0.02	14.07 -1.33 0.02	22.22 -1.96 0.02	26.45 -2.55 6.93	35.05 -3.18 11.40	34.54 -3.72 15.62	33.54 -2.71 4.15	26.44 -2.02 1.63	20.91 -1.53 3.02
SOUTHOLD_69_KV_BK 2 55809	50.59 3.26 -12.33	47.09 2.83 -9.26	46.68 2.27 -12.43	33.56 2.54 0.00	33.13 2.34 0.00	36.20 2.53 0.00	39.33 2.64 0.00	33.84 2.36 0.00	29.81 2.05 0.00	24.80 1.75 0.00	22.88 1.71 -0.01	16.22 1.08 0.00	15.25 1.16 0.00	13.84 1.08 0.00	13.23 1.30 -0.01	14.40 1.51 0.00	16.96 1.54 0.00	26.58 2.37 -0.01	45.02 3.56 -5.53	54.00 4.37 -0.01	58.72 4.85 -0.01	51.18 3.84 -6.95	33.43 2.98 -0.37	29.15 2.62 -1.07
SOUTHOLD___IC 23719	50.59 3.26 -12.33	47.09 2.83 -9.26	46.68 2.27 -12.43	33.56 2.54 0.00	33.13 2.34 0.00	36.20 2.53 0.00	39.33 2.64 0.00	33.84 2.36 0.00	29.76 2.00 0.00	24.81 1.75 -0.01	22.92 1.76 -0.01	16.22 1.08 0.00	15.25 1.16 0.00	13.83 1.08 0.00	13.23 1.30 -0.01	14.33 1.44 0.00	16.96 1.54 0.00	26.59 2.37 -0.01	45.02 3.56 -5.53	54.01 4.37 -0.01	58.73 4.85 -0.01	51.18 3.84 -6.95	33.43 2.98 -0.37	29.13 2.60 -1.07
SOUTH_FORK_WT_PWR 323839	50.52 3.19 -12.33	46.81 2.55 -9.26	46.36 1.95 -12.43	33.18 2.17 0.00	32.73 1.94 0.00	35.79 2.12 0.00	38.89 2.20 0.00	33.46 1.98 0.00	29.42 1.67 0.00	24.53 1.48 -0.01	22.67 1.50 -0.01	16.04 0.89 0.00	15.07 0.97 0.00	13.68 0.93 0.00	13.15 1.22 -0.01	14.27 1.38 0.00	16.80 1.39 0.00	26.25 2.03 -0.01	44.55 3.09 -5.53	53.36 3.72 -0.01	58.02 4.15 -0.01	50.65 3.31 -6.95	33.07 2.62 -0.37	28.87 2.34 -1.07

SPIERFLS_115KV_TB1 80737	37.11 2.10 0.00	37.16 2.17 0.00	33.90 1.92 0.00	32.91 1.89 0.00	32.67 1.88 0.00	35.73 2.05 0.00	38.85 2.16 0.00	33.18 1.70 0.00	29.12 1.36 0.00	24.14 1.08 0.00	22.11 0.95 0.00	15.75 0.61 0.00	14.66 0.56 0.00	13.25 0.50 0.00	12.40 0.48 0.00	13.37 0.48 0.00	16.11 0.69 0.00	25.37 1.16 0.00	37.80 1.87 0.00	52.56 2.93 0.00	56.99 3.12 0.00	43.14 2.75 0.00	32.10 2.02 0.00	28.36 1.65 -1.25
ST LAWRENCE____ 23600	34.69 -0.32 0.00	34.40 -0.60 0.00	31.50 -0.48 0.00	30.49 -0.53 0.00	30.30 -0.49 0.00	33.07 -0.61 0.00	36.14 -0.55 0.00	30.97 -0.50 0.00	27.20 -0.55 0.00	22.57 -0.49 0.00	20.71 -0.45 0.00	14.85 -0.30 0.00	13.79 -0.31 0.00	12.46 -0.29 0.00	11.61 -0.31 0.00	12.56 -0.34 0.00	15.00 -0.42 0.00	23.55 -0.65 0.00	35.06 -0.86 0.00	48.64 -0.99 0.00	52.73 -1.13 0.00	39.58 -0.81 0.00	29.42 -0.66 0.00	24.82 -0.64 0.00
STATE_CA_115KV_115_LB 55624	36.02 1.02 0.00	36.04 1.05 0.00	32.97 0.99 0.00	32.01 0.99 0.00	31.72 0.92 0.00	34.72 1.04 0.00	37.64 0.95 0.00	32.33 0.85 0.00	28.56 0.80 0.00	23.74 0.69 0.00	21.81 0.66 0.00	15.57 0.42 0.00	14.49 0.39 0.00	13.10 0.34 0.00	12.27 0.35 0.00	13.28 0.39 0.00	15.94 0.52 0.00	25.05 0.85 0.00	37.15 1.22 0.00	51.22 1.59 0.00	55.54 1.67 0.00	41.84 1.45 0.00	31.23 1.14 0.00	27.75 1.07 -1.22
STATE_ST_34_KV_LOAD 55959	34.75 -0.25 0.01	34.99 0.00 0.00	31.91 -0.06 0.00	30.92 -0.09 0.00	30.76 -0.03 0.00	33.67 0.00 0.00	36.76 0.07 0.00	31.42 -0.06 0.00	27.64 -0.11 0.00	22.93 -0.12 0.00	20.98 -0.17 0.01	15.10 -0.05 0.00	14.04 -0.06 0.00	12.74 -0.01 0.00	11.89 -0.02 0.01	12.86 -0.03 0.01	15.38 -0.03 0.01	24.22 0.02 0.00	34.47 0.07 1.53	47.02 0.20 2.81	50.19 0.16 3.84	38.62 0.00 1.77	29.33 -0.06 0.69	24.69 -0.08 0.69
STATION 5_MISC_HYD 23604	33.17 -1.82 0.01	34.01 -0.98 0.00	30.86 -1.12 0.00	29.93 -1.09 0.00	29.81 -0.99 0.00	32.56 -1.11 0.00	35.62 -1.07 0.00	30.57 -0.91 0.00	26.86 -0.89 0.01	22.26 -0.78 0.00	20.00 -1.14 0.01	14.72 -0.42 0.00	13.72 -0.38 0.00	12.39 -0.36 0.00	11.53 -0.38 0.01	12.42 -0.46 0.01	14.79 -0.62 0.01	23.11 -1.09 0.01	31.29 -1.72 2.91	41.91 -2.38 5.33	43.92 -2.64 7.31	35.39 -2.59 2.41	27.34 -1.80 0.94	22.50 -1.48 1.48
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	33.74 -1.26 0.01	34.33 -0.66 0.00	31.18 -0.80 0.00	30.24 -0.78 0.00	30.12 -0.68 0.00	32.93 -0.74 0.00	36.03 -0.66 0.00	30.79 -0.69 0.00	27.06 -0.69 0.01	22.43 -0.62 0.00	20.43 -0.72 0.01	14.83 -0.32 0.00	13.79 -0.31 0.00	12.48 -0.27 0.00	11.63 -0.29 0.01	12.53 -0.35 0.01	14.97 -0.43 0.01	23.47 -0.73 0.01	32.15 -1.11 2.66	43.27 -1.49 4.87	45.53 -1.67 6.67	36.39 -1.66 2.34	27.97 -1.20 0.91	23.10 -1.02 1.34
STA_56_34_KV_BUS2_REV_LBMP_B 345033	33.07 -1.93 0.01	33.84 -1.15 0.00	30.73 -1.25 0.00	29.80 -1.21 0.00	29.69 -1.11 0.00	32.39 -1.28 0.00	35.48 -1.21 0.00	30.35 -1.13 0.00	26.72 -1.03 0.01	22.17 -0.88 0.00	20.11 -1.04 0.01	14.66 -0.48 0.00	13.65 -0.45 0.00	12.34 -0.41 0.00	11.48 -0.43 0.01	12.36 -0.52 0.01	14.74 -0.66 0.01	23.03 -1.16 0.01	31.28 -1.83 2.82	41.94 -2.53 5.16	44.00 -2.80 7.07	35.40 -2.63 2.36	27.27 -1.90 0.92	22.45 -1.58 1.43
STA_56____34_KV_BUS2 355983	33.07 -1.93 0.01	33.84 -1.15 0.00	30.73 -1.25 0.00	29.80 -1.21 0.00	29.69 -1.11 0.00	32.39 -1.28 0.00	35.48 -1.21 0.00	30.35 -1.13 0.00	26.72 -1.03 0.01	22.17 -0.88 0.00	20.11 -1.04 0.01	14.66 -0.48 0.00	13.65 -0.45 0.00	12.34 -0.41 0.00	11.48 -0.43 0.01	12.36 -0.52 0.01	14.74 -0.66 0.01	23.03 -1.16 0.01	31.28 -1.83 2.82	41.94 -2.53 5.16	44.00 -2.80 7.07	35.40 -2.63 2.36	27.27 -1.90 0.92	22.45 -1.58 1.43
STA_67____115KV_BK2 355882	33.14 -1.86 0.01	33.98 -1.01 0.00	30.83 -1.15 0.00	29.90 -1.12 0.00	29.75 -1.05 0.00	32.49 -1.18 0.00	35.59 -1.10 0.00	30.44 -1.04 0.00	26.80 -0.94 0.01	22.22 -0.83 0.00	20.17 -0.97 0.01	14.71 -0.44 0.00	13.69 -0.41 0.00	12.38 -0.37 0.00	11.52 -0.39 0.01	12.39 -0.49 0.01	14.77 -0.63 0.01	23.06 -1.14 0.01	31.25 -1.76 2.91	41.82 -2.48 5.33	43.87 -2.69 7.30	35.40 -2.59 2.41	27.31 -1.84 0.94	22.42 -1.55 1.48
STA_7____115KV_9TRANS 80674	33.31 -1.68 0.01	34.12 -0.87 0.00	30.99 -0.99 0.00	30.05 -0.96 0.00	29.90 -0.89 0.00	32.66 -1.01 0.00	35.77 -0.92 0.00	30.57 -0.91 0.00	26.92 -0.83 0.01	22.33 -0.71 0.00	20.26 -0.89 0.01	14.79 -0.36 0.00	13.76 -0.34 0.00	12.45 -0.31 0.00	11.58 -0.33 0.01	12.45 -0.43 0.01	14.85 -0.55 0.01	23.20 -0.99 0.01	31.47 -1.54 2.91	42.12 -2.18 5.33	44.20 -2.37 7.30	35.68 -2.30 2.41	27.49 -1.65 0.94	22.57 -1.40 1.48
STA_82____115KV_TB1 80780	33.10 -1.89 0.01	33.94 -1.05 0.00	30.79 -1.18 0.00	29.87 -1.15 0.00	29.75 -1.05 0.00	32.46 -1.21 0.00	35.55 -1.14 0.00	30.41 -1.07 0.00	26.78 -0.97 0.01	22.22 -0.83 0.00	20.15 -0.99 0.01	14.69 -0.45 0.00	13.67 -0.42 0.00	12.37 -0.38 0.00	11.50 -0.41 0.01	12.38 -0.50 0.01	14.76 -0.65 0.01	23.03 -1.16 0.01	31.20 -1.80 2.93	41.73 -2.53 5.36	43.77 -2.75 7.35	35.35 -2.63 2.42	27.27 -1.87 0.94	22.42 -1.55 1.49
STEEL____WIND 323596	31.62 -3.36 0.02	32.65 -2.34 0.00	29.45 -2.53 0.00	28.47 -2.54 0.00	28.36 -2.43 0.00	30.90 -2.76 0.01	33.75 -2.94 0.00	29.24 -2.23 0.00	25.77 -1.97 0.02	21.27 -1.77 0.01	19.36 -1.78 0.02	14.03 -1.12 0.00	13.01 -1.09 0.00	11.73 -1.02 0.00	10.92 -0.98 0.02	11.77 -1.10 0.02	14.01 -1.39 0.02	21.94 -2.25 0.02	25.88 -3.30 6.75	34.83 -4.56 10.23	34.68 -5.17 14.01	32.96 -3.72 3.72	25.97 -2.65 1.47	20.76 -2.04 2.66
STEPHTWN_115KV_BK_2 55603	36.20 1.19 0.00	36.25 1.26 0.00	33.13 1.15 0.00	32.16 1.15 0.00	31.90 1.11 0.00	34.88 1.21 0.00	37.82 1.14 0.00	32.52 1.04 0.00	28.70 0.94 0.00	23.84 0.78 0.00	21.92 0.76 0.00	15.63 0.48 0.00	14.55 0.45 0.00	13.15 0.40 0.00	12.30 0.38 0.00	13.33 0.44 0.00	16.00 0.59 0.00	25.17 0.97 0.00	37.36 1.44 0.00	51.56 1.94 0.00	55.86 1.99 0.00	42.13 1.74 0.00	31.41 1.32 0.00	27.87 1.20 -1.21
STEBEN_REC_LFGE 323667	33.19 -1.79 0.03	33.80 -1.19 0.00	30.54 -1.44 0.00	29.56 -1.46 0.00	29.50 -1.29 0.00	32.18 -1.48 0.01	35.18 -1.50 0.00	30.06 -1.42 0.00	26.09 -1.64 0.03	21.47 -1.57 0.01	19.60 -1.52 0.03	14.10 -1.05 0.00	13.00 -1.10 0.00	11.78 -0.97 0.00	10.96 -0.93 0.03	11.83 -1.03 0.03	14.21 -1.17 0.03	22.68 -1.50 0.03	27.53 -1.90 6.49	31.51 -2.33 15.78	29.45 -2.80 21.62	31.51 -2.18 6.69	25.57 -1.90 2.61	19.37 -1.68 4.40
STILLWATER____SOLAR 323814	36.82 1.82 0.00	36.88 1.89 0.00	33.67 1.69 0.00	32.66 1.64 0.00	32.42 1.63 0.00	35.46 1.78 0.00	38.52 1.83 0.00	32.96 1.48 0.00	28.98 1.22 0.00	24.04 0.99 0.00	22.07 0.91 0.00	15.71 0.56 0.00	14.62 0.52 0.00	13.22 0.47 0.00	12.39 0.46 0.00	13.39 0.50 0.00	16.11 0.69 0.00	25.37 1.16 0.00	37.76 1.83 0.00	52.36 2.73 0.00	56.83 2.96 0.00	42.81 2.42 0.00	31.86 1.77 0.00	28.18 1.48 -1.24

STONY___BROOK 24151	50.24 2.90 -12.33	47.13 2.87 -9.26	47.03 2.62 -12.43	33.90 2.88 0.00	33.50 2.71 0.00	36.60 2.93 0.00	39.73 3.04 0.00	34.15 2.67 0.00	30.14 2.39 0.00	25.16 2.10 -0.01	23.24 2.07 -0.01	16.47 1.32 0.00	15.48 1.38 0.00	14.03 1.27 0.00	13.28 1.35 -0.01	14.32 1.43 0.00	17.10 1.68 0.00	27.00 2.78 -0.01	45.50 4.02 -5.55	54.55 4.91 -0.01	59.26 5.39 -0.01	51.68 4.32 -6.97	33.76 3.31 -0.37	29.33 2.80 -1.07
STURGEON_POOL_HYD 23609	36.93 1.93 0.00	36.88 1.89 0.00	33.70 1.73 0.00	32.75 1.74 0.00	32.43 1.63 0.00	35.49 1.82 0.00	38.49 1.80 0.00	33.18 1.70 0.00	29.51 1.75 0.00	24.57 1.52 0.00	22.62 1.46 0.00	16.01 0.86 0.00	14.99 0.89 0.00	13.54 0.79 0.00	12.73 0.81 0.00	13.79 0.90 0.00	16.46 1.05 0.00	25.85 1.65 0.00	38.37 2.44 0.00	52.75 3.13 0.00	57.42 3.56 0.00	44.05 2.75 -0.92	32.39 1.96 -0.36	28.09 1.55 -1.08
ST_LAW_115_BK7_LBMP 345037	34.66 -0.35 0.00	34.36 -0.63 0.00	31.47 -0.51 0.00	30.46 -0.56 0.00	30.24 -0.55 0.00	33.03 -0.64 0.00	36.10 -0.59 0.00	30.91 -0.57 0.00	27.15 -0.61 0.00	22.52 -0.53 0.00	20.67 -0.49 0.00	14.82 -0.33 0.00	13.76 -0.34 0.00	12.43 -0.32 0.00	11.59 -0.33 0.00	12.53 -0.36 0.00	14.97 -0.45 0.00	23.50 -0.70 0.00	34.99 -0.93 0.00	48.58 -1.04 0.00	52.68 -1.19 0.00	39.50 -0.89 0.00	29.36 -0.72 0.00	24.77 -0.69 0.00
ST_LAW_115_BK8_LBMP 345038	34.66 -0.35 0.00	34.36 -0.63 0.00	31.47 -0.51 0.00	30.46 -0.56 0.00	30.24 -0.55 0.00	33.03 -0.64 0.00	36.10 -0.59 0.00	30.91 -0.57 0.00	27.15 -0.61 0.00	22.52 -0.53 0.00	20.67 -0.49 0.00	14.82 -0.33 0.00	13.76 -0.34 0.00	12.43 -0.32 0.00	11.59 -0.33 0.00	12.53 -0.36 0.00	14.97 -0.45 0.00	23.50 -0.70 0.00	34.99 -0.93 0.00	48.58 -1.04 0.00	52.68 -1.19 0.00	39.50 -0.89 0.00	29.36 -0.72 0.00	24.77 -0.69 0.00
ST_LAW_230_BK5_LBMP 345035	34.69 -0.32 0.00	34.40 -0.60 0.00	31.50 -0.48 0.00	30.49 -0.53 0.00	30.30 -0.49 0.00	33.07 -0.61 0.00	36.14 -0.55 0.00	30.97 -0.50 0.00	27.20 -0.55 0.00	22.57 -0.49 0.00	20.71 -0.45 0.00	14.85 -0.30 0.00	13.79 -0.31 0.00	12.46 -0.29 0.00	11.61 -0.31 0.00	12.56 -0.34 0.00	15.00 -0.42 0.00	23.55 -0.65 0.00	35.06 -0.86 0.00	48.64 -0.99 0.00	52.73 -1.13 0.00	39.58 -0.81 0.00	29.42 -0.66 0.00	24.82 -0.64 0.00
ST_LAW_230_BK6_LBMP 345036	34.69 -0.32 0.00	34.40 -0.60 0.00	31.50 -0.48 0.00	30.49 -0.53 0.00	30.30 -0.49 0.00	33.07 -0.61 0.00	36.14 -0.55 0.00	30.97 -0.50 0.00	27.20 -0.55 0.00	22.57 -0.49 0.00	20.71 -0.45 0.00	14.85 -0.30 0.00	13.79 -0.31 0.00	12.46 -0.29 0.00	11.61 -0.31 0.00	12.56 -0.34 0.00	15.00 -0.42 0.00	23.55 -0.65 0.00	35.06 -0.86 0.00	48.64 -0.99 0.00	52.73 -1.13 0.00	39.58 -0.81 0.00	29.42 -0.66 0.00	24.82 -0.64 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	36.76 1.75 0.00	36.71 1.71 0.00	33.58 1.60 0.00	32.63 1.61 0.00	32.30 1.51 0.00	35.36 1.68 0.00	38.34 1.65 0.00	33.09 1.61 0.00	29.45 1.69 0.00	24.57 1.52 0.00	22.62 1.46 0.00	16.00 0.85 0.00	14.99 0.89 0.00	13.54 0.79 0.00	12.72 0.80 0.00	13.78 0.89 0.00	16.47 1.05 0.00	25.83 1.62 0.00	38.90 2.34 -0.63	53.71 2.93 -1.16	58.74 3.29 -1.59	43.99 2.59 -1.01	32.37 1.90 -0.40	28.49 1.65 -1.38
SWANROAD_115KV_TB1 355699	30.40 -4.59 0.02	31.84 -3.15 0.00	28.72 -3.26 0.00	27.79 -3.23 0.00	27.68 -3.11 0.00	30.13 -3.54 0.01	32.95 -3.74 0.00	28.49 -2.99 0.00	25.08 -2.66 0.02	20.88 -2.17 0.01	18.83 -2.31 0.02	13.80 -1.35 0.00	12.90 -1.20 0.00	11.63 -1.12 0.00	10.73 -1.17 0.02	11.52 -1.35 0.02	13.69 -1.71 0.02	21.24 -2.95 0.02	26.10 -4.10 5.74	34.52 -6.20 8.91	34.88 -6.79 12.20	32.38 -4.73 3.28	25.49 -3.31 1.28	20.56 -2.65 2.25
SYNERGY___BIOGAS 323694	32.05 -2.94 0.02	33.28 -1.71 0.00	30.06 -1.92 0.00	29.12 -1.89 0.00	29.01 -1.79 0.00	31.65 -2.02 0.01	34.67 -2.02 0.00	29.75 -1.73 0.00	26.13 -1.61 0.01	21.64 -1.41 0.01	19.55 -1.59 0.02	14.32 -0.83 0.00	13.34 -0.76 0.00	12.02 -0.73 0.00	11.14 -0.76 0.02	11.99 -0.89 0.02	14.26 -1.14 0.02	22.25 -1.94 0.01	28.58 -2.62 4.73	38.24 -3.82 7.57	39.35 -4.15 10.37	34.32 -3.11 2.96	26.76 -2.17 1.16	21.73 -1.76 1.97
SYRACUSE___ENERGY_ST1 323597	34.76 -0.25 0.00	34.92 -0.07 0.00	31.85 -0.13 0.00	30.89 -0.12 0.00	30.73 -0.06 0.00	33.60 -0.07 0.00	36.69 0.00 0.00	31.39 -0.09 0.00	27.64 -0.11 0.00	22.94 -0.12 0.00	21.03 -0.13 0.00	15.12 -0.03 0.00	14.07 -0.03 0.00	12.76 0.01 0.00	11.92 0.00 0.00	12.89 0.00 0.00	15.40 -0.02 0.00	24.20 0.00 0.00	35.07 -0.04 0.82	48.08 -0.05 1.50	51.71 -0.11 2.05	39.03 -0.16 1.20	29.50 -0.12 0.47	25.02 -0.10 0.33
SYRACUSE___ENERGY_ST2 323598	34.76 -0.25 0.00	34.92 -0.07 0.00	31.85 -0.13 0.00	30.89 -0.12 0.00	30.73 -0.06 0.00	33.60 -0.07 0.00	36.69 0.00 0.00	31.39 -0.09 0.00	27.64 -0.11 0.00	22.94 -0.12 0.00	21.03 -0.13 0.00	15.12 -0.03 0.00	14.07 -0.03 0.00	12.76 0.01 0.00	11.92 0.00 0.00	12.89 0.00 0.00	15.40 -0.02 0.00	24.20 0.00 0.82	35.07 -0.04 1.50	48.08 -0.05 2.05	51.71 -0.11 2.05	39.03 -0.16 1.20	29.50 -0.12 0.47	25.02 -0.10 0.33
SYRACUSE___POWER 24017	34.76 -0.25 0.00	34.89 -0.10 0.00	31.85 -0.13 0.00	30.86 -0.16 0.00	30.70 -0.09 0.00	33.57 -0.10 0.00	36.65 -0.04 0.00	31.39 -0.09 0.00	27.62 -0.14 0.00	22.91 -0.14 0.00	21.03 -0.13 0.00	15.12 -0.03 0.00	14.05 -0.04 0.00	12.75 0.00 0.00	11.91 -0.01 0.00	12.88 -0.01 0.00	15.40 -0.02 0.00	24.20 0.00 0.00	35.89 -0.04 0.00	49.58 -0.05 0.00	53.76 -0.11 0.00	39.20 -0.12 1.07	29.54 -0.12 0.42	25.48 -0.10 -0.12
TALLMAN__138KV_BK151 55660	36.97 1.96 0.00	36.88 1.89 0.00	33.77 1.79 0.00	32.78 1.77 0.00	32.49 1.69 0.00	35.52 1.85 0.00	38.52 1.83 0.00	33.27 1.79 0.00	29.70 1.94 0.00	24.78 1.73 0.00	22.83 1.67 0.00	16.12 0.97 0.00	15.10 1.00 0.00	13.64 0.89 0.00	12.82 0.89 0.00	13.90 1.01 0.00	16.59 1.17 0.00	26.02 1.82 0.00	39.16 2.62 -0.61	53.97 3.23 -1.12	59.06 3.66 -1.53	44.20 2.83 -0.98	32.57 2.11 -0.38	28.65 1.81 -1.38
TEALLAVE_115KV_TB7 355573	34.59 -0.42 0.00	34.75 -0.24 0.00	31.69 -0.29 0.00	30.73 -0.28 0.00	30.58 -0.22 0.00	33.44 -0.24 0.00	36.47 -0.22 0.00	31.23 -0.25 0.00	27.51 -0.25 0.00	22.84 -0.21 0.00	20.95 -0.21 0.00	15.06 -0.09 0.00	14.01 -0.08 0.00	12.71 -0.04 0.00	11.87 -0.05 0.00	12.83 -0.06 0.00	15.34 -0.08 0.00	24.08 -0.12 0.00	35.71 -0.22 0.00	49.28 -0.35 0.00	53.49 -0.38 0.00	39.09 -0.36 0.93	29.45 -0.27 0.36	25.33 -0.23 -0.10
TELGRAPH_34_KV_EAST 80808	31.38 -3.61 0.02	32.68 -2.31 0.00	29.52 -2.46 0.00	28.56 -2.45 0.00	28.45 -2.34 0.00	31.01 -2.66 0.01	33.94 -2.75 0.00	29.24 -2.24 0.00	25.72 -2.03 0.02	21.36 -1.68 0.01	19.30 -1.84 0.02	14.12 -1.03 0.00	13.17 -0.93 0.00	11.87 -0.88 0.00	10.99 -0.92 0.02	11.82 -1.06 0.02	14.04 -1.36 0.02	21.84 -2.35 0.02	27.52 -3.27 5.14	36.71 -4.81 8.10	37.49 -5.28 11.10	33.50 -3.80 3.10	26.19 -2.68 1.21	21.20 -2.16 2.09

TEMPLE___115KV_TB 2 55572	34.62 -0.39 0.00	34.78 -0.21 0.00	31.72 -0.26 0.00	30.77 -0.25 0.00	30.61 -0.18 0.00	33.47 -0.20 0.00	36.50 -0.18 0.00	31.26 -0.22 0.00	27.54 -0.22 0.00	22.84 -0.21 0.00	20.95 -0.21 0.00	15.07 -0.08 0.00	14.03 -0.07 0.00	12.73 -0.03 0.00	11.89 -0.04 0.00	12.84 -0.05 0.00	15.35 -0.06 0.00	24.11 -0.10 0.00	35.71 -0.22 0.00	49.33 -0.30 0.00	53.49 -0.38 0.00	39.09 -0.36 0.94	29.48 -0.24 0.36	25.33 -0.23 -0.10
TIANA___69_KV_BK 1 55817	50.38 3.05 -12.33	47.16 2.90 -9.26	46.93 2.53 -12.43	33.80 2.79 0.00	33.41 2.62 0.00	36.50 2.83 0.00	39.66 2.97 0.00	34.06 2.58 0.00	30.06 2.30 0.00	25.01 1.96 0.00	23.09 1.93 -0.01	16.36 1.21 0.00	15.38 1.28 0.00	13.95 1.20 0.00	13.25 1.32 -0.01	14.39 1.50 0.00	17.05 1.63 0.00	26.83 2.61 -0.01	45.34 3.88 -5.53	54.40 4.76 -0.01	59.10 5.23 -0.01	51.50 4.16 -6.95	33.68 3.22 -0.37	29.30 2.77 -1.07
TILDEN___115KV_TB1 80814	34.76 -0.25 0.00	34.89 -0.10 0.00	31.85 -0.13 0.00	30.86 -0.16 0.00	30.70 -0.09 0.00	33.57 -0.10 0.00	36.65 -0.04 0.00	31.39 -0.09 0.00	27.62 -0.14 0.00	22.91 -0.14 0.00	21.03 -0.13 0.00	15.12 -0.03 0.00	14.05 -0.04 0.00	12.75 0.00 0.00	11.91 -0.01 0.00	12.88 -0.01 0.00	15.40 -0.02 0.00	24.20 0.00 0.00	35.89 -0.04 0.00	49.58 -0.05 0.00	53.76 -0.11 0.00	39.20 -0.12 1.07	29.54 -0.12 0.42	25.48 -0.10 -0.12
TRIGEN___CC 323695	49.86 2.52 -12.33	46.74 2.48 -9.26	46.71 2.30 -12.43	33.31 2.29 0.00	32.95 2.16 0.00	36.03 2.36 0.00	39.07 2.38 0.00	33.68 2.20 0.00	29.92 2.17 0.00	24.94 1.89 0.00	23.00 1.84 -0.01	16.30 1.15 0.00	15.32 1.23 0.00	13.86 1.11 0.00	13.09 1.16 -0.02	14.17 1.28 0.00	16.83 1.42 0.00	26.49 2.28 -0.02	48.64 3.09 -9.62	53.42 3.77 -0.02	58.08 4.20 -0.02	55.02 3.23 -11.40	32.99 2.53 -0.38	28.78 2.24 -1.08
TRINITY___115KV___ 4 BK 55933	35.92 0.91 0.00	35.97 0.98 0.00	32.91 0.93 0.00	31.91 0.90 0.00	31.66 0.86 0.00	34.65 0.98 0.00	37.53 0.84 0.00	32.30 0.82 0.00	28.53 0.78 0.00	23.72 0.67 0.00	21.81 0.66 0.00	15.56 0.41 0.00	14.48 0.38 0.00	13.10 0.34 0.00	12.26 0.33 0.00	13.27 0.37 0.00	15.92 0.51 0.00	25.00 0.80 0.00	37.08 1.15 0.00	51.07 1.44 0.00	55.38 1.51 0.00	41.76 1.37 0.00	31.14 1.05 0.00	27.69 1.02 -1.22
UNION___PROCESSING_DRP 323587	33.10 -1.89 0.01	33.94 -1.05 0.00	30.83 -1.15 0.00	29.87 -1.15 0.00	29.75 -1.05 0.00	32.49 -1.18 0.00	35.55 -1.14 0.00	30.41 -1.07 0.00	26.78 -0.97 0.01	22.22 -0.83 0.00	20.15 -0.99 0.01	14.69 -0.45 0.00	13.67 -0.42 0.00	12.37 -0.38 0.00	11.50 -0.41 0.01	12.39 -0.49 0.01	14.76 -0.65 0.01	23.03 -1.16 0.01	31.20 -1.80 2.94	41.72 -2.53 5.37	43.76 -2.75 7.36	35.34 -2.63 2.42	27.27 -1.87 0.94	22.41 -1.55 1.49
UPPER HUDSON___HYD 24058	37.11 2.10 0.00	37.16 2.17 0.00	33.90 1.92 0.00	32.91 1.89 0.00	32.67 1.88 0.00	35.73 2.05 0.00	38.85 2.16 0.00	33.18 1.70 0.00	29.09 1.33 0.00	24.14 1.08 0.00	22.13 0.97 0.00	15.76 0.61 0.00	14.66 0.56 0.00	13.25 0.50 0.00	12.40 0.48 0.00	13.37 0.48 0.00	16.11 0.69 0.00	25.37 1.16 0.00	37.79 1.87 0.00	52.56 2.93 0.00	56.99 3.12 0.00	43.14 2.75 0.00	32.10 2.02 0.00	28.36 1.65 -1.25
UPPER RAQUET___HYD 24056	34.03 -0.98 0.00	33.73 -1.26 0.00	30.89 -1.09 0.00	29.87 -1.15 0.00	29.65 -1.14 0.00	32.43 -1.25 0.00	35.48 -1.21 0.00	30.32 -1.16 0.00	26.40 -1.36 0.00	21.83 -1.22 0.00	20.10 -1.06 0.00	14.39 -0.76 0.00	13.35 -0.75 0.00	12.05 -0.70 0.00	11.23 -0.69 0.00	12.13 -0.76 0.00	14.47 -0.94 0.00	22.78 -1.43 0.00	34.13 -1.80 0.00	47.64 -1.99 0.00	51.77 -2.10 0.00	38.86 -1.53 0.00	28.85 -1.23 0.00	24.30 -1.17 -0.02
VALLEY44___115KV_TB2 355964	32.71 -2.28 0.03	32.68 -2.31 0.00	29.52 -2.46 0.00	28.53 -2.48 0.00	28.42 -2.37 0.00	30.93 -2.73 0.01	33.83 -2.86 0.00	29.34 -2.14 0.00	25.74 -2.00 0.02	21.29 -1.75 0.01	19.86 -1.27 0.02	14.03 -1.12 0.00	13.00 -1.10 0.00	11.72 -1.03 0.00	11.01 -0.88 0.02	11.98 -0.89 0.02	14.34 -1.05 0.02	22.90 -1.28 0.02	27.17 -1.72 7.04	35.43 -2.33 11.86	34.93 -2.69 16.25	34.31 -1.78 4.30	27.10 -1.29 1.69	21.33 -0.97 3.16
VALLEY___115KV_TB 1-4 80826	35.46 0.46 0.00	35.38 0.38 0.00	32.30 0.32 0.00	31.32 0.31 0.00	31.07 0.28 0.00	33.97 0.30 0.00	37.02 0.33 0.00	31.73 0.25 0.00	27.92 0.17 0.00	23.05 0.00 0.00	21.09 -0.06 0.00	15.04 -0.11 0.00	13.97 -0.13 0.00	12.59 -0.17 0.00	11.73 -0.19 0.00	12.66 -0.23 0.00	15.12 -0.29 0.00	23.79 -0.41 0.00	35.60 -0.32 0.00	49.68 0.05 0.00	54.25 0.38 0.00	40.88 0.48 0.00	30.38 0.30 0.00	25.71 0.25 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	36.69 1.68 -0.01	36.67 1.68 0.00	33.51 1.53 0.00	32.50 1.49 0.00	32.27 1.48 0.00	35.36 1.68 0.00	39.77 3.08 0.00	33.90 2.42 0.00	29.46 1.69 -0.01	24.14 1.08 0.00	22.16 0.99 -0.01	15.94 0.79 0.00	14.87 0.78 0.00	13.50 0.75 0.00	12.66 0.73 -0.01	13.66 0.76 -0.01	16.28 0.85 -0.01	25.64 1.43 -0.01	39.57 1.83 -1.81	55.58 2.63 -3.32	61.38 2.96 -4.55	45.17 2.34 -2.43	32.74 1.71 -0.95	28.43 1.45 -1.53
VISCHER___FERRY HYD 24020	36.48 1.47 0.00	36.49 1.50 0.00	33.35 1.37 0.00	32.38 1.36 0.00	32.12 1.32 0.00	35.12 1.45 0.00	38.16 1.47 0.00	32.74 1.26 0.00	28.90 1.14 0.00	24.02 0.97 0.00	22.09 0.93 0.00	15.72 0.58 0.00	14.65 0.55 0.00	13.24 0.48 0.00	12.40 0.48 0.00	13.42 0.53 0.00	16.09 0.68 0.00	25.32 1.11 0.00	37.62 1.69 0.00	51.96 2.33 0.00	56.35 2.48 0.00	42.41 2.02 0.00	31.59 1.50 0.00	27.98 1.30 -1.23
V_A_10_SYNC_DSASP 323832	31.17 -3.82 0.02	32.72 -2.27 0.00	29.55 -2.43 0.00	28.59 -2.42 0.00	28.48 -2.31 0.00	31.04 -2.63 0.01	33.94 -2.75 0.00	29.28 -2.20 0.00	25.80 -1.94 0.01	21.46 -1.59 0.01	19.30 -1.84 0.02	14.21 -0.94 0.00	13.18 -0.92 0.00	11.91 -0.84 0.00	11.05 -0.86 0.02	11.84 -1.03 0.02	14.07 -1.33 0.02	21.77 -2.42 0.01	27.16 -3.77 4.99	36.36 -5.36 7.90	37.06 -5.98 10.83	33.43 -4.12 2.85	26.03 -2.95 1.11	21.18 -2.39 1.88
V_CMM_10_SYNC_DSASP 323787	34.80 -0.21 0.00	34.50 -0.49 0.00	31.59 -0.38 0.00	30.58 -0.43 0.00	30.36 -0.43 0.00	33.13 -0.54 0.00	36.25 -0.44 0.00	31.04 -0.44 0.00	27.20 -0.56 0.00	22.59 -0.46 0.00	20.78 -0.38 0.00	14.88 -0.27 0.00	13.82 -0.28 0.00	12.48 -0.27 0.00	11.64 -0.29 0.00	12.58 -0.31 0.00	15.01 -0.40 0.00	23.57 -0.63 0.00	35.10 -0.83 0.00	48.74 -0.89 0.00	52.84 -1.02 0.00	39.66 -0.73 0.00	29.48 -0.60 0.00	24.90 -0.56 0.00
V_CMP_10_SYNC_DSASP 323788	35.01 0.00 0.00	34.78 -0.21 0.00	31.85 -0.13 0.00	30.83 -0.19 0.00	30.64 -0.15 0.00	33.47 -0.20 0.00	36.61 -0.07 0.00	31.35 -0.13 0.00	27.48 -0.28 0.00	22.82 -0.23 0.00	20.97 -0.19 0.00	14.98 -0.17 0.00	13.90 -0.20 0.00	12.53 -0.22 0.00	11.67 -0.25 0.00	12.61 -0.28 0.00	15.06 -0.35 0.00	23.70 -0.51 0.00	35.32 -0.61 0.00	49.13 -0.50 0.00	53.33 -0.54 0.00	39.95 -0.44 0.00	29.63 -0.45 0.00	24.97 -0.48 0.00

V_D_10_SYNC_DSASP 323841	34.83 -0.18 0.00	34.54 -0.45 0.00	31.63 -0.35 0.00	30.58 -0.43 0.00	30.36 -0.43 0.00	33.17 -0.51 0.00	36.28 -0.40 0.00	31.04 -0.44 0.00	27.17 -0.58 0.00	22.55 -0.51 0.00	20.76 -0.40 0.00	14.86 -0.29 0.00	13.80 -0.30 0.00	12.47 -0.28 0.00	11.62 -0.30 0.00	12.56 -0.34 0.00	15.00 -0.42 0.00	23.55 -0.65 0.00	35.10 -0.83 0.00	48.83 -0.79 0.00	53.01 -0.86 0.00	39.74 -0.65 0.00	29.51 -0.57 0.00	24.92 -0.53 0.00
V_E_10_SYNC_DSASP 323830	36.97 1.96 0.00	37.02 2.03 0.00	33.74 1.76 0.00	32.66 1.64 0.00	32.49 1.69 0.00	35.63 1.95 0.00	39.22 2.53 0.00	33.40 1.92 0.00	28.98 1.22 0.00	23.68 0.62 0.00	21.65 0.49 -0.01	15.53 0.38 0.00	14.44 0.34 0.00	13.08 0.33 0.00	12.24 0.31 -0.01	13.27 0.37 -0.01	15.90 0.48 -0.01	25.25 1.04 0.00	39.19 2.08 -1.18	55.04 3.52 -1.89	60.28 3.82 -2.59	44.46 2.91 -1.16	32.52 1.99 -0.45	28.01 1.55 -1.01
V_F_30_NSYNC___DSASP 323816	36.86 1.86 0.00	36.88 1.89 0.00	33.67 1.69 0.00	32.69 1.67 0.00	32.43 1.63 0.00	35.46 1.78 0.00	38.56 1.87 0.00	32.99 1.51 0.00	29.01 1.25 0.00	24.07 1.01 0.00	22.07 0.91 0.00	15.72 0.58 0.00	14.65 0.55 0.00	13.24 0.48 0.00	12.40 0.48 0.00	13.41 0.52 0.00	16.12 0.71 0.00	25.39 1.19 0.00	37.80 1.87 0.00	52.41 2.78 0.00	56.83 2.96 0.00	42.81 2.42 0.00	31.89 1.80 0.00	28.18 1.48 -1.25
V_F_30_SYNC_DSASP 323786	36.02 1.02 0.00	36.04 1.05 0.00	32.97 0.99 0.00	32.01 0.99 0.00	31.72 0.92 0.00	34.72 1.04 0.00	37.64 0.95 0.00	32.33 0.85 0.00	28.56 0.80 0.00	23.74 0.69 0.00	21.81 0.66 0.00	15.57 0.42 0.00	14.49 0.39 0.00	13.10 0.34 0.00	12.27 0.35 0.00	13.28 0.39 0.00	15.94 0.52 0.00	25.05 0.85 0.00	37.15 1.22 0.00	51.22 1.59 0.00	55.54 1.67 0.00	41.84 1.45 0.00	31.23 1.14 0.00	27.75 1.07 -1.22
V_XM_10_SYNC_DSASP 323789	35.01 0.00 0.00	34.78 -0.21 0.00	31.85 -0.13 0.00	30.83 -0.19 0.00	30.64 -0.15 0.00	33.47 -0.20 0.00	36.61 -0.07 0.00	31.35 -0.13 0.00	27.48 -0.28 0.00	22.82 -0.23 0.00	20.97 -0.19 0.00	14.98 -0.17 0.00	13.90 -0.20 0.00	12.53 -0.22 0.00	11.67 -0.25 0.00	12.61 -0.28 0.00	15.06 -0.35 0.00	23.70 -0.51 0.00	35.32 -0.61 0.00	49.13 -0.50 0.00	53.33 -0.54 0.00	39.95 -0.44 0.00	29.63 -0.45 0.00	24.97 -0.48 0.00
W.BABYLN_69_KV_BK1 56697	50.35 3.01 -12.33	47.23 2.97 -9.26	47.13 2.72 -12.43	33.87 2.85 0.00	33.47 2.68 0.00	36.57 2.90 0.00	39.70 3.01 0.00	34.16 2.68 0.00	30.23 2.47 0.00	25.20 2.14 0.00	23.24 2.07 -0.01	16.48 1.33 0.00	15.49 1.40 0.00	14.03 1.28 0.00	13.27 1.34 -0.01	14.36 1.47 0.00	17.08 1.66 0.00	26.92 2.71 -0.01	46.07 3.95 -6.19	54.45 4.81 -0.01	59.21 5.33 -0.01	52.30 4.24 -7.66	33.68 3.22 -0.38	29.28 2.75 -1.07
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	37.07 2.07 0.00	36.98 1.99 0.00	33.83 1.85 0.00	32.87 1.86 0.00	32.55 1.76 0.00	35.62 1.95 0.00	38.60 1.91 0.00	33.34 1.86 0.00	29.76 2.00 0.00	24.80 1.75 0.00	22.85 1.69 0.00	16.13 0.98 0.00	15.13 1.03 0.00	13.67 0.92 0.00	12.84 0.92 0.00	13.92 1.03 0.00	16.62 1.20 0.00	26.07 1.86 0.00	38.62 2.69 0.00	53.00 3.37 0.00	57.69 3.82 0.00	44.31 2.95 -0.97	32.63 2.17 -0.38	28.72 1.88 -1.38
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	37.18 2.17 0.00	37.09 2.10 0.00	33.96 1.98 0.00	32.97 1.95 0.00	32.64 1.85 0.00	35.73 2.05 0.00	38.71 2.02 0.00	33.53 2.05 0.00	30.06 2.30 0.00	25.13 2.07 0.00	23.18 2.01 -0.01	16.27 1.12 0.00	15.27 1.17 0.00	13.80 1.05 0.00	12.96 1.04 0.00	14.05 1.16 0.00	16.77 1.36 0.00	26.26 2.06 0.00	38.80 2.87 0.00	53.15 3.52 0.00	57.80 3.93 0.00	44.31 2.99 -0.93	32.73 2.29 -0.36	28.51 1.99 -1.06
W50THST__13_KV_LOAD 356117	37.28 2.28 0.00	37.19 2.20 0.00	34.06 2.08 0.00	33.06 2.05 0.00	32.73 1.94 0.00	35.83 2.15 0.00	38.82 2.13 0.00	33.65 2.17 0.00	30.17 2.41 0.00	25.20 2.14 0.00	23.24 2.07 -0.01	16.32 1.17 0.00	15.31 1.21 0.00	13.84 1.08 0.00	13.01 1.08 0.00	14.10 1.21 0.00	16.82 1.40 0.00	26.36 2.15 0.00	38.95 3.02 0.00	53.30 3.67 0.00	58.02 4.15 0.00	44.48 3.15 -0.93	32.85 2.41 -0.36	28.61 2.09 -1.06
WADING RIVER_IC_1 23522	50.10 2.76 -12.33	47.02 2.76 -9.26	46.90 2.50 -12.43	33.77 2.76 0.00	33.38 2.59 0.00	36.46 2.79 0.00	39.62 2.94 0.00	34.03 2.55 0.00	30.00 2.25 0.00	25.04 1.98 -0.01	23.11 1.95 -0.01	16.38 1.23 0.00	15.39 1.30 0.00	13.95 1.20 0.00	13.22 1.29 -0.01	14.27 1.38 0.00	17.02 1.60 0.00	26.85 2.64 -0.01	45.30 3.85 -5.53	54.30 4.66 -0.01	59.00 5.12 -0.01	51.46 4.12 -6.95	33.64 3.19 -0.37	29.23 2.70 -1.07
WADING RIVER_IC_2 23547	50.10 2.76 -12.33	47.02 2.76 -9.26	46.90 2.50 -12.43	33.77 2.76 0.00	33.38 2.59 0.00	36.46 2.79 0.00	39.62 2.94 0.00	34.03 2.55 0.00	30.00 2.25 0.00	25.04 1.98 -0.01	23.11 1.95 -0.01	16.38 1.23 0.00	15.39 1.30 0.00	13.95 1.20 0.00	13.22 1.29 -0.01	14.27 1.38 0.00	17.02 1.60 0.00	26.85 2.64 -0.01	45.30 3.85 -5.53	54.30 4.66 -0.01	59.00 5.12 -0.01	51.46 4.12 -6.95	33.64 3.19 -0.37	29.23 2.70 -1.07
WADING RIVER_IC_3 23601	50.10 2.76 -12.33	47.02 2.76 -9.26	46.90 2.50 -12.43	33.77 2.76 0.00	33.38 2.59 0.00	36.46 2.79 0.00	39.62 2.94 0.00	34.03 2.55 0.00	30.00 2.25 0.00	25.04 1.98 -0.01	23.11 1.95 -0.01	16.38 1.23 0.00	15.39 1.30 0.00	13.95 1.20 0.00	13.22 1.29 -0.01	14.27 1.38 0.00	17.02 1.60 0.00	26.85 2.64 -0.01	45.30 3.85 -5.53	54.30 4.66 -0.01	59.00 5.12 -0.01	51.46 4.12 -6.95	33.64 3.19 -0.37	29.23 2.70 -1.07
WALDENNY_12_KV_BK2 80841	31.52 -3.47 0.02	32.61 -2.38 0.00	29.42 -2.56 0.00	28.44 -2.57 0.00	28.33 -2.46 0.00	30.84 -2.83 0.01	33.72 -2.97 0.00	29.15 -2.33 0.00	25.63 -2.11 0.02	21.27 -1.78 0.01	19.36 -1.78 0.02	14.03 -1.12 0.00	13.03 -1.07 0.00	11.74 -1.01 0.00	10.92 -0.98 0.02	11.76 -1.11 0.02	13.99 -1.40 0.02	21.89 -2.30 0.02	25.95 -3.34 6.64	34.92 -4.62 10.10	34.82 -5.23 13.83	33.04 -3.68 3.67	25.99 -2.65 1.45	20.75 -2.09 2.62
WALDEN___HYDRO 24148	36.90 1.89 0.00	36.84 1.85 0.00	33.67 1.69 0.00	32.72 1.71 0.00	32.39 1.60 0.00	35.46 1.78 0.00	38.45 1.76 0.00	33.15 1.67 0.00	29.51 1.75 0.00	24.60 1.54 0.00	22.64 1.48 0.00	16.01 0.86 0.00	15.00 0.90 0.00	13.54 0.79 0.00	12.73 0.81 0.00	13.79 0.90 0.00	16.48 1.06 0.00	25.87 1.67 0.00	38.98 2.44 -0.61	53.87 3.13 -1.11	58.95 3.56 -1.53	44.11 2.75 -0.97	32.45 1.99 -0.38	28.55 1.71 -1.39
WARRENSBURG____ 23737	37.11 2.10 0.00	37.16 2.17 0.00	33.90 1.92 0.00	32.91 1.89 0.00	32.67 1.88 0.00	35.73 2.05 0.00	38.85 2.16 0.00	33.18 1.70 0.00	29.12 1.36 0.00	24.14 1.08 0.00	22.11 0.95 0.00	15.75 0.61 0.00	14.66 0.56 0.00	13.25 0.50 0.00	12.40 0.48 0.00	13.37 0.48 0.00	16.11 0.69 0.00	25.37 1.16 0.00	37.80 1.87 0.00	52.56 2.93 0.00	56.99 3.12 0.00	43.14 2.75 0.00	32.10 2.02 0.00	28.36 1.65 -1.25

WATERSIDE___6 8 9 23538	37.03 2.03 0.00	36.95 1.96 0.00	33.86 1.89 0.00	32.87 1.86 0.00	32.55 1.76 0.00	35.59 1.92 0.00	38.49 1.80 0.00	33.40 1.92 0.00	30.06 2.30 0.00	25.13 2.07 0.00	23.13 1.97 -0.01	16.24 1.09 0.00	15.24 1.14 0.00	13.77 1.02 0.00	12.95 1.03 0.00	14.04 1.15 0.00	16.76 1.34 0.00	26.26 2.06 0.00	38.62 2.69 0.00	52.90 3.28 0.00	57.58 3.72 0.00	44.15 2.83 -0.93	32.64 2.20 -0.36	28.50 1.99 -1.06
WATKINRD_115KV_LN8_ILLION 55919	35.60 0.60 0.00	35.45 0.45 0.00	32.39 0.42 0.00	31.39 0.37 0.00	31.13 0.34 0.00	34.01 0.34 0.00	37.05 0.37 0.00	31.76 0.28 0.00	27.92 0.17 0.00	23.03 -0.02 0.00	21.03 -0.13 0.00	15.00 -0.15 0.00	13.90 -0.20 0.00	12.50 -0.26 0.00	11.65 -0.27 0.00	12.56 -0.34 0.00	15.00 -0.42 0.00	23.62 -0.58 0.00	35.42 -0.50 0.00	49.63 0.00 0.00	54.30 0.43 0.00	40.96 0.57 0.00	30.44 0.36 0.00	25.74 0.28 0.00
WDELAWARE___HYD 323627	37.14 2.14 0.00	37.09 2.10 0.00	33.90 1.92 0.00	32.94 1.92 0.00	32.61 1.82 0.00	35.73 2.05 0.00	38.70 2.02 0.00	33.34 1.86 0.00	29.54 1.78 0.00	24.60 1.54 0.00	22.64 1.48 0.00	16.03 0.88 0.00	15.01 0.92 0.00	13.57 0.82 0.00	12.76 0.83 0.00	13.83 0.94 0.00	16.51 1.09 0.00	25.93 1.72 0.00	39.32 2.66 -0.73	54.49 3.52 -1.34	59.69 3.99 -1.84	44.63 3.11 -1.13	32.69 2.17 -0.44	28.74 1.88 -1.40
WEST BABYLON___IC 23714	50.35 3.01 -12.33	47.23 2.97 -9.26	47.13 2.72 -12.43	33.87 2.85 0.00	33.47 2.68 0.00	36.57 2.90 0.00	39.70 3.01 0.00	34.16 2.68 0.00	30.23 2.47 0.00	25.20 2.14 0.00	23.24 2.07 -0.01	16.48 1.33 0.00	15.49 1.40 0.00	14.03 1.28 0.00	13.27 1.34 -0.01	14.36 1.47 0.00	17.08 1.66 0.00	26.92 2.71 -0.01	46.07 3.95 -6.19	54.45 4.81 -0.01	59.21 5.33 -0.01	52.30 4.24 -7.66	33.68 3.22 -0.38	29.28 2.75 -1.07
WEST CANADA___HYD 24049	35.15 0.14 0.00	35.17 0.18 0.00	32.14 0.16 0.00	31.17 0.16 0.00	30.95 0.15 0.00	33.84 0.17 0.00	36.83 0.15 0.00	31.61 0.13 0.00	27.90 0.14 0.00	23.17 0.12 0.00	21.26 0.11 0.00	15.21 0.06 0.00	14.17 0.07 0.00	12.80 0.05 0.00	11.98 0.06 0.00	12.96 0.06 0.00	15.49 0.08 0.00	24.33 0.12 0.00	36.11 0.18 0.00	49.88 0.25 0.00	54.19 0.33 0.00	40.63 0.24 0.00	30.26 0.18 0.00	25.61 0.15 0.00
WESTERN_NY_WIND 24143	31.94 -3.05 0.02	33.17 -1.82 0.00	30.00 -1.98 0.00	29.06 -1.95 0.00	28.95 -1.85 0.00	31.54 -2.12 0.01	34.56 -2.13 0.00	29.65 -1.83 0.00	26.08 -1.67 0.01	21.59 -1.45 0.01	19.51 -1.63 0.02	14.29 -0.86 0.00	13.31 -0.79 0.00	12.00 -0.75 0.00	11.12 -0.79 0.02	11.96 -0.92 0.02	14.23 -1.17 0.02	22.18 -2.01 0.01	28.31 -2.73 4.89	37.93 -3.92 7.78	38.91 -4.31 10.65	34.18 -3.19 3.02	26.68 -2.23 1.18	21.63 -1.81 2.02
WESTOVER___LESR 323668	35.24 0.21 -0.02	35.34 0.35 0.00	32.23 0.26 0.00	31.26 0.25 0.00	31.07 0.28 0.00	33.98 0.30 -0.01	37.05 0.37 0.00	31.79 0.31 0.00	28.03 0.25 -0.02	23.22 0.16 -0.01	21.35 0.17 -0.02	15.27 0.12 0.00	14.21 0.11 0.00	12.88 0.13 0.00	12.06 0.12 -0.02	13.06 0.14 -0.02	15.61 0.17 -0.02	24.54 0.31 -0.02	42.45 0.50 -6.02	61.29 0.65 -11.02	69.66 0.70 -15.09	47.98 0.57 -7.03	33.21 0.39 -2.74	29.51 0.33 -3.73
WETHRSFD_WT_PWR 323626	32.00 -2.98 0.03	32.93 -2.06 0.00	29.77 -2.21 0.00	28.75 -2.26 0.00	28.67 -2.12 0.00	31.21 -2.46 0.01	34.08 -2.60 0.00	29.34 -2.14 0.00	25.65 -2.08 0.02	21.15 -1.89 0.01	19.23 -1.90 0.03	13.94 -1.21 0.00	12.86 -1.24 0.00	11.59 -1.16 0.00	10.77 -1.12 0.03	11.60 -1.26 0.03	13.85 -1.54 0.03	21.84 -2.35 0.02	22.36 -3.30 10.26	33.20 -4.12 12.31	32.37 -4.63 16.86	32.41 -3.39 4.59	25.58 -2.71 1.80	20.01 -2.14 3.31
WHAVSTOR_138KV_BK127 55557	36.93 1.93 0.00	36.88 1.89 0.00	33.74 1.76 0.00	32.78 1.77 0.00	32.46 1.66 0.00	35.52 1.85 0.00	38.49 1.80 0.00	33.27 1.79 0.00	29.67 1.92 0.00	24.76 1.71 0.00	22.81 1.65 0.00	16.10 0.95 0.00	15.08 0.99 0.00	13.63 0.88 0.00	12.82 0.89 0.00	13.88 0.99 0.00	16.57 1.16 0.00	26.00 1.79 0.00	38.48 2.55 0.00	52.75 3.13 0.00	57.42 3.56 0.00	44.11 2.75 -0.97	32.54 2.08 -0.38	28.62 1.78 -1.39
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	36.93 1.93 0.00	36.88 1.89 0.00	33.74 1.76 0.00	32.78 1.77 0.00	32.46 1.66 0.00	35.52 1.85 0.00	38.49 1.80 0.00	33.27 1.79 0.00	29.67 1.92 0.00	24.76 1.71 0.00	22.81 1.65 0.00	16.10 0.95 0.00	15.08 0.99 0.00	13.63 0.88 0.00	12.82 0.89 0.00	13.88 0.99 0.00	16.57 1.16 0.00	26.00 1.79 0.00	38.48 2.55 0.00	52.75 3.13 0.00	57.42 3.56 0.00	44.11 2.75 -0.97	32.54 2.08 -0.38	28.62 1.78 -1.39
WHITEHAL_115KV_TB1 80871	37.39 2.38 0.00	37.47 2.48 0.00	34.15 2.17 0.00	33.15 2.14 0.00	32.92 2.12 0.00	36.00 2.32 0.00	39.15 2.46 0.00	33.34 1.86 0.00	29.17 1.42 0.00	24.14 1.08 0.00	22.09 0.93 0.00	15.74 0.59 0.00	14.65 0.55 0.00	13.22 0.47 0.00	12.37 0.45 0.00	13.37 0.48 0.00	16.14 0.72 0.00	25.49 1.28 0.00	38.08 2.16 0.00	53.15 3.52 0.00	57.64 3.77 0.00	43.54 3.15 0.00	32.40 2.32 0.00	28.54 1.83 -1.25
WHITEPLN_13_KV_LOAD 356215	37.28 2.28 0.00	37.23 2.24 0.00	34.06 2.08 0.00	33.09 2.08 0.00	32.76 1.97 0.00	35.86 2.19 0.00	38.85 2.16 0.00	33.56 2.08 0.00	29.98 2.22 0.00	24.99 1.94 0.00	23.04 1.88 0.00	16.25 1.11 0.00	15.24 1.14 0.00	13.77 1.02 0.00	12.93 1.01 0.00	14.04 1.15 0.00	16.74 1.33 0.00	26.26 2.06 0.00	38.91 2.98 0.00	53.30 3.67 0.00	58.02 4.15 0.00	44.52 3.19 -0.94	32.82 2.38 -0.36	28.58 2.06 -1.06
WM_FLOYD_69_KV_BK2 356380	50.14 2.80 -12.33	47.05 2.80 -9.26	46.93 2.53 -12.43	33.80 2.79 0.00	33.41 2.62 0.00	36.50 2.83 0.00	39.62 2.94 0.00	34.06 2.58 0.00	30.09 2.33 0.00	25.06 2.01 0.00	23.09 1.93 -0.01	16.38 1.23 0.00	15.41 1.31 0.00	13.96 1.21 0.00	13.22 1.29 -0.01	14.32 1.43 0.00	17.03 1.62 0.00	26.88 2.66 -0.01	45.31 3.84 -5.54	54.30 4.67 -0.01	59.05 5.17 -0.01	51.47 4.12 -6.96	33.68 3.22 -0.37	29.28 2.75 -1.07
WOODARD__115KV_TB2 355635	34.55 -0.46 0.00	34.71 -0.28 0.00	31.66 -0.32 0.00	30.70 -0.31 0.00	30.52 -0.28 0.00	33.40 -0.27 0.00	36.43 -0.26 0.00	31.20 -0.28 0.00	27.48 -0.28 0.00	22.80 -0.25 0.00	20.92 -0.23 0.00	15.04 -0.11 0.00	14.00 -0.10 0.00	12.70 -0.05 0.00	11.86 -0.06 0.00	12.81 -0.08 0.00	15.32 -0.09 0.00	24.06 -0.15 0.00	35.02 -0.29 0.62	48.11 -0.40 1.13	51.84 -0.48 1.54	38.94 -0.44 1.01	29.39 -0.30 0.39	24.94 -0.28 0.24
YORK___WARBASSE 23770	37.29 2.28 -0.01	37.17 2.17 -0.01	34.06 2.08 -0.01	33.07 2.05 -0.01	32.74 1.94 -0.01	35.76 2.09 0.00	38.63 1.94 0.00	33.49 2.01 0.00	30.09 2.33 0.00	25.15 2.10 0.00	23.15 1.99 -0.01	16.25 1.11 0.00	15.28 1.18 0.00	13.80 1.05 0.00	12.97 1.05 0.00	14.08 1.19 0.00	16.79 1.37 0.00	26.33 2.13 0.00	38.80 2.87 0.00	53.15 3.52 0.00	57.85 3.99 0.00	44.35 3.03 -0.93	32.82 2.38 -0.36	28.69 2.16 -1.07