

# Time Weighted/Integrated Real Time LBMP- Generator

		--- LBMP \$					--- Marginal Cost of Losses					--- Marginal Cost of Congestion													11/03/2023		
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		20.36	20.80	20.25	21.01	21.95	24.36	58.84	39.51	33.16	22.56	23.89	21.66	22.11	20.03	16.75	19.60	22.94	32.80	39.73	32.62	26.97	23.54	23.88	21.25		
24138		1.45	0.95	0.83	0.77	0.11	0.92	-0.61	1.62	1.38	1.76	2.04	1.87	1.91	1.76	1.46	1.58	1.81	2.58	2.90	2.60	2.12	1.77	1.74	1.54		
		-0.95	-7.74	-8.72	-10.25	-20.37	-11.90	-66.90	-19.09	-16.05	0.00	-0.14	-0.87	0.00	0.00	0.00	0.00	0.00	-0.22	-2.93	0.00	0.00	-0.61	-1.46	-0.92		
74TH STREET_GT_1		20.35	20.80	20.26	21.01	21.96	24.36	58.84	39.52	33.15	22.54	23.86	21.61	22.06	19.99	16.69	19.55	22.89	32.73	39.70	32.54	26.91	23.50	23.85	21.22		
24260		1.44	0.95	0.83	0.77	0.11	0.92	-0.61	1.63	1.38	1.73	2.00	1.82	1.86	1.71	1.41	1.52	1.76	2.51	2.86	2.52	2.06	1.73	1.72	1.51		
		-0.95	-7.74	-8.72	-10.25	-20.37	-11.90	-66.91	-19.09	-16.05	0.00	-0.14	-0.87	0.00	0.00	0.00	0.00	0.00	-0.22	-2.93	0.00	0.00	-0.61	-1.46	-0.92		
74TH STREET_GT_2		20.35	20.80	20.26	21.01	21.96	24.36	58.84	39.52	33.15	22.54	23.86	21.61	22.06	19.99	16.69	19.55	22.89	32.73	39.70	32.54	26.91	23.50	23.85	21.22		
24261		1.44	0.95	0.83	0.77	0.11	0.92	-0.61	1.63	1.38	1.73	2.00	1.82	1.86	1.71	1.41	1.52	1.76	2.51	2.86	2.52	2.06	1.73	1.72	1.51		
		-0.95	-7.74	-8.72	-10.25	-20.37	-11.90	-66.91	-19.09	-16.05	0.00	-0.14	-0.87	0.00	0.00	0.00	0.00	0.00	-0.22	-2.93	0.00	0.00	-0.61	-1.46	-0.92		
ADK HUDSON___FALLS		19.98	22.56	22.52	23.75	27.84	27.62	78.32	44.78	37.45	22.10	23.21	21.12	21.21	19.13	16.00	18.78	22.20	31.78	39.55	31.33	25.99	22.95	23.59	20.87		
24011		0.81	0.58	0.57	0.54	0.09	0.73	-0.52	1.36	1.03	1.30	1.31	1.08	1.01	0.85	0.71	0.76	1.06	1.50	1.89	1.31	1.15	1.00	1.05	0.91		
		-1.22	-9.87	-11.25	-13.22	-26.28	-15.35	-86.29	-24.61	-20.70	0.00	-0.18	-1.12	0.00	0.00	0.00	0.00	0.00	-0.28	-3.76	0.00	0.00	-0.79	-1.87	-1.18		
ADK RESOURCE___RCVRY		20.10	22.64	22.60	23.82	27.86	27.73	78.29	45.01	37.58	22.25	23.34	21.24	21.28	19.22	16.08	18.91	22.41	32.00	39.88	31.56	26.16	23.09	23.70	20.97		
23798		0.93	0.66	0.64	0.61	0.10	0.83	-0.60	1.58	1.16	1.44	1.44	1.20	1.08	0.94	0.79	0.88	1.27	1.72	2.22	1.54	1.31	1.15	1.15	1.00		
		-1.22	-9.88	-11.25	-13.23	-26.29	-15.36	-86.34	-24.63	-20.71	0.00	-0.18	-1.12	0.00	0.00	0.00	0.00	0.00	-0.28	-3.76	0.00	0.00	-0.79	-1.87	-1.18		
ADK S GLENS___FALLS		19.98	22.56	22.52	23.75	27.84	27.62	78.32	44.78	37.45	22.10	23.21	21.12	21.21	19.13	16.00	18.78	22.20	31.78	39.55	31.33	25.99	22.95	23.59	20.87		
24028		0.81	0.58	0.57	0.54	0.09	0.73	-0.52	1.36	1.03	1.30	1.31	1.08	1.01	0.85	0.71	0.76	1.06	1.50	1.89	1.31	1.15	1.00	1.05	0.91		
		-1.22	-9.87	-11.25	-13.22	-26.28	-15.35	-86.29	-24.61	-20.70	0.00	-0.18	-1.12	0.00	0.00	0.00	0.00	0.00	-0.28	-3.76	0.00	0.00	-0.79	-1.87	-1.18		
ADK_NYS___DAM		20.35	22.39	22.18	23.30	26.61	26.96	74.28	43.53	36.43	22.07	23.30	21.12	21.30	19.26	16.07	18.87	22.15	31.74	39.30	31.32	26.10	23.02	23.53	20.89		
23527		1.23	0.88	0.76	0.72	0.11	0.80	-0.47	1.28	0.99	1.27	1.41	1.14	1.10	0.98	0.79	0.84	1.01	1.47	1.78	1.30	1.25	1.10	1.05	0.97		
		-1.16	-9.41	-10.71	-12.59	-25.03	-14.63	-82.20	-23.45	-19.72	0.00	-0.17	-1.07	0.00	0.00	0.00	0.00	0.00	-0.27	-3.62	0.00	0.00	-0.76	-1.80	-1.14		
AIR_PRODUCTS___DRP		19.43	21.88	21.78	22.94	26.87	26.55	75.75	42.97	36.02	21.20	22.37	20.40	20.57	18.63	15.65	18.37	21.55	30.85	38.25	30.53	25.31	22.34	22.89	20.36		
24190		0.30	0.25	0.22	0.19	0.03	0.19	-0.13	0.42	0.34	0.40	0.48	0.40	0.37	0.35	0.36	0.34	0.41	0.58	0.71	0.51	0.47	0.42	0.40	0.43		
		-1.17	-9.54	-10.86	-12.77	-25.38	-14.83	-83.33	-23.74	-19.96	0.00	-0.17	-1.08	0.00	0.00	0.00	0.00	0.00	-0.27	-3.64	0.00	0.00	-0.76	-1.81	-1.14		
AKWESSNE_115KV_BK		17.77	11.97	10.59	9.87	1.45	11.39	-7.38	18.53	15.48	20.54	21.40	18.65	19.97	18.09	15.16	17.95	20.92	29.67	33.48	-8.21	-17.66	-19.02	-19.21	-16.58		
355683		-0.19	-0.13	-0.12	-0.12	-0.02	-0.15	0.07	-0.28	-0.24	-0.26	-0.32	-0.27	-0.22	-0.19	-0.13	-0.08	-0.21	-0.33	-0.42	-0.38	-0.30	-0.28	-0.28	-0.22		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	37.85	42.21	39.90	39.60	35.15		
ALBANY___1		19.43	21.88	21.78	22.94	26.87	26.55	75.75	42.97	36.02	21.20	22.37	20.40	20.57	18.63	15.65	18.37	21.55	30.85	38.25	30.53	25.31	22.34	22.89	20.36		
23571		0.30	0.25	0.22	0.19	0.03	0.19	-0.13	0.42	0.34	0.40	0.48	0.40	0.37	0.35	0.36	0.34	0.41	0.58	0.71	0.51	0.47	0.42	0.40	0.43		
		-1.17	-9.54	-10.86	-12.77	-25.38	-14.83	-83.33	-23.74	-19.96	0.00	-0.17	-1.08	0.00	0.00	0.00	0.00	0.00	-0.27	-3.64	0.00	0.00	-0.76	-1.81	-1.14		
ALBANY___2		19.43	21.88	21.78	22.94	26.87	26.55	75.75	42.97	36.02	21.20	22.37	20.40	20.57	18.63	15.65	18.37	21.55	30.85	38.25	30.53	25.31	22.34	22.89	20.36		
23572		0.30	0.25	0.22	0.19	0.03	0.19	-0.13	0.42	0.34	0.40	0.48	0.40	0.37	0.35	0.36	0.34	0.41	0.58	0.71	0.51	0.47	0.42	0.40	0.43		
		-1.17	-9.54	-10.86	-12.77	-25.38	-14.83	-83.33	-23.74	-19.96	0.00	-0.17	-1.08	0.00	0.00	0.00	0.00	0.00	-0.27	-3.64	0.00	0.00	-0.76	-1.81	-1.14		
ALBANY___3		19.43	21.88	21.78	22.94	26.87	26.55	75.75	42.97	36.02	21.20	22.37	20.40	20.57	18.63	15.65	18.37	21.55	30.85	38.25	30.53	25.31	22.34	22.89	20.36		
23573		0.30	0.25	0.22	0.19	0.03	0.19	-0.13	0.42	0.34	0.40	0.48	0.40	0.37	0.35	0.36	0.34	0.41	0.58	0.71	0.51	0.47	0.42	0.40	0.43		
		-1.17	-9.54	-10.86	-12.77	-25.38	-14.83	-83.33	-23.74	-19.96	0.00	-0.17	-1.08	0.00	0.00	0.00	0.00	0.00	-0.27	-3.64	0.00	0.00	-0.76	-1.81	-1.14		

ALBANY___4 23574	19.43 0.30 -1.17	21.88 0.25 -9.54	21.78 0.22 -10.86	22.94 0.19 -12.77	26.87 0.03 -25.38	26.55 0.19 -14.83	75.75 -0.13 -83.33	42.97 0.42 -23.74	36.02 0.34 -19.96	12.20 0.40 0.00	22.37 0.48 -0.17	20.40 0.40 -1.08	20.57 0.37 0.00	18.63 0.35 0.00	15.65 0.36 0.00	18.37 0.34 0.00	21.55 0.41 0.00	30.85 0.58 -0.27	38.25 0.71 -3.64	30.53 0.51 0.00	25.31 0.47 0.00	22.34 0.42 -0.76	22.89 0.40 -1.81	20.36 0.43 -1.14
ALBANY___LFGE 323615	19.63 0.48 -1.19	22.08 0.36 -9.63	21.98 0.32 -10.96	23.16 0.29 -12.89	27.12 0.04 -25.61	26.82 0.32 -14.97	76.44 -0.22 -84.11	43.41 0.63 -23.98	36.40 0.51 -20.16	21.43 0.63 0.00	22.60 0.71 -0.18	20.60 0.59 -1.09	20.78 0.58 0.00	18.82 0.54 0.00	15.79 0.50 0.00	18.54 0.52 0.00	21.77 0.64 0.00	31.20 0.92 -0.27	38.66 1.09 -3.67	30.86 0.83 0.00	25.57 0.72 0.00	22.57 0.64 -0.77	23.11 0.61 -1.83	20.54 0.61 -1.15
ALCOA_PA_115KV_PL-6C 55860	17.86 -0.10 0.00	12.02 -0.08 0.00	10.63 -0.07 0.00	9.92 -0.07 0.00	1.45 -0.02 0.00	11.43 -0.10 0.00	-7.42 0.03 0.00	18.60 -0.20 0.00	15.56 -0.16 0.00	20.62 -0.18 0.00	21.46 -0.25 0.00	18.70 -0.22 0.00	20.02 -0.17 0.00	18.13 -0.15 0.00	15.21 -0.08 0.00	18.00 -0.02 0.00	21.00 -0.14 0.00	29.81 -0.20 0.00	33.61 -0.29 0.00	-6.67 -0.26 36.42	-16.13 -0.22 40.75	-17.61 -0.21 38.56	-17.81 -0.21 38.27	-15.26 -0.15 33.89
ALCOA_RYNLDS___DRP 24188	17.86 -0.10 0.00	12.02 -0.08 0.00	10.63 -0.07 0.00	9.92 -0.07 0.00	1.45 -0.02 0.00	11.43 -0.10 0.00	-7.42 0.03 0.00	18.60 -0.20 0.00	15.56 -0.16 0.00	20.62 -0.18 0.00	21.46 -0.25 0.00	18.70 -0.22 0.00	20.02 -0.17 0.00	18.13 -0.15 0.00	15.21 -0.08 0.00	18.00 -0.02 0.00	21.00 -0.14 0.00	29.81 -0.20 0.00	33.61 -0.29 0.00	-6.67 -0.26 36.42	-16.13 -0.22 40.75	-17.61 -0.21 38.56	-17.81 -0.21 38.27	-15.26 -0.15 33.89
ALCOA___DSASP 323711	17.85 -0.10 0.00	12.02 -0.08 0.00	10.63 -0.07 0.00	9.92 -0.07 0.00	1.45 -0.02 0.00	11.43 -0.11 0.00	-7.41 0.03 0.00	18.60 -0.20 0.00	15.56 -0.16 0.00	20.62 -0.18 0.00	21.46 -0.26 0.00	18.70 -0.21 0.00	20.02 -0.17 0.00	18.13 -0.15 0.00	15.21 -0.08 0.00	18.00 -0.02 0.00	21.00 -0.14 0.00	29.81 -0.20 0.00	33.61 -0.29 0.00	-6.67 -0.27 36.42	-16.13 -0.23 40.75	-17.61 -0.21 38.56	-17.81 -0.21 38.27	-15.26 -0.15 33.89
ALLEGHENY___COGEN 23514	18.42 0.19 -0.27	14.39 0.11 -2.18	13.25 0.05 -2.50	12.97 0.05 -2.94	7.35 0.02 -5.86	15.05 0.08 -3.43	11.85 0.02 -19.28	24.51 0.20 -5.50	20.44 0.09 -4.63	20.62 -0.18 0.00	21.39 -0.37 -0.04	18.59 -0.58 -0.25	19.63 -0.56 0.00	17.70 -0.58 0.00	14.69 -0.60 0.00	17.23 -0.80 0.00	20.50 -0.64 0.00	29.73 -0.33 -0.06	34.82 0.10 -0.82	30.12 0.10 0.00	24.79 -0.06 0.00	21.09 -0.24 -0.17	20.84 -0.24 -0.41	18.69 -0.35 -0.26
ALTAMONT_115KV_TB 2 55880	19.72 0.59 -1.17	22.02 0.41 -9.51	21.90 0.36 -10.83	23.05 0.34 -12.73	26.82 0.05 -25.30	26.72 0.39 -14.78	75.38 -0.26 -83.10	43.20 0.67 -23.73	36.25 0.57 -19.95	21.52 0.71 0.00	22.65 0.76 -0.17	20.65 0.65 -1.08	20.84 0.65 0.00	18.86 0.58 0.00	15.79 0.50 0.00	18.56 0.54 0.00	21.80 0.66 0.00	31.26 0.99 -0.27	38.70 1.16 -3.64	30.97 0.95 0.00	25.65 0.81 0.00	22.62 0.70 -0.76	23.18 0.69 -1.81	20.56 0.64 -1.14
ALTONA_WT_PWR 323606	17.79 -0.17 0.00	11.96 -0.13 0.00	10.60 -0.10 0.00	9.92 -0.07 0.00	1.46 -0.01 0.00	11.39 -0.14 0.00	-7.46 -0.01 0.00	18.42 -0.38 0.00	15.40 -0.32 0.00	20.61 -0.19 0.00	21.33 -0.39 0.00	18.30 -0.62 0.00	19.62 -0.57 0.00	17.77 -0.51 0.00	14.84 -0.45 0.00	17.66 -0.37 0.00	20.68 -0.45 0.00	29.30 -0.70 0.00	33.11 -0.79 0.00	-15.79 -1.32 44.49	-20.89 -1.03 44.70	-20.74 -0.86 41.04	-20.89 -0.95 40.62	-20.92 -0.84 38.87
AMERICAN_REF_FUEL 24010	17.09 -1.12 -0.25	13.43 -0.69 -2.03	12.40 -0.63 -2.33	12.13 -0.59 -2.74	6.82 -0.08 -5.43	13.97 -0.73 -3.17	11.05 0.69 -17.81	22.43 -1.46 -5.08	18.79 -1.20 -4.27	19.45 -1.35 0.00	20.32 -1.43 -0.04	17.76 -1.39 -0.23	18.86 -1.34 0.00	16.99 -1.29 0.00	14.10 -1.18 0.00	16.41 -1.62 0.00	19.28 -1.85 0.00	27.48 -2.58 -0.06	32.01 -2.66 -0.76	27.68 -2.34 0.00	22.89 -1.96 0.00	19.48 -1.84 -0.16	19.35 -1.70 -0.38	17.37 -1.65 -0.24
ARKWRIGHT___SUMMIT_WT_PWR 323751	17.44 -0.79 -0.27	13.78 -0.49 -2.18	12.73 -0.46 -2.49	12.49 -0.42 -2.93	7.21 -0.05 -5.79	14.43 -0.49 -3.37	11.98 0.46 -18.97	23.41 -0.81 -5.41	19.52 -0.75 -4.55	19.95 -0.85 0.00	20.96 -0.80 -0.04	18.30 -0.87 -0.25	19.38 -0.82 0.00	17.40 -0.88 0.00	14.42 -0.87 0.00	16.82 -1.21 0.00	19.79 -1.34 0.00	28.30 -1.76 -0.06	33.06 -1.65 -0.81	28.48 -1.54 0.00	23.46 -1.39 0.00	19.96 -1.37 -0.17	19.78 -1.30 -0.40	17.86 -1.17 -0.25
ARTHUR_KILL_GT_1 23520	20.28 1.37 -0.96	20.75 0.91 -7.74	20.27 0.85 -8.72	21.13 0.89 -10.25	21.97 0.13 -20.37	24.49 1.05 -11.90	58.95 -0.51 -66.91	39.42 1.53 -19.09	33.10 1.32 -16.05	22.43 1.63 0.00	23.75 1.89 -0.14	21.54 1.75 -0.87	21.95 1.76 0.00	19.92 1.64 0.00	16.61 1.32 0.00	19.42 1.40 0.00	22.75 1.62 0.00	32.44 2.22 -0.21	39.35 2.52 -2.93	32.64 2.62 0.00	27.03 2.18 0.00	23.57 1.80 -0.61	23.89 1.75 -1.46	21.28 1.57 -0.92
ARTHUR_KILL_2 23512	20.23 1.32 -0.96	20.72 0.88 -7.74	20.25 0.83 -8.72	21.10 0.87 -10.25	21.97 0.13 -20.37	24.46 1.02 -11.90	58.97 -0.48 -66.91	39.36 1.47 -19.09	33.05 1.28 -16.05	22.37 1.56 0.00	23.68 1.83 -0.14	21.48 1.70 -0.87	21.89 1.70 0.00	19.86 1.58 0.00	16.56 1.28 0.00	19.38 1.35 0.00	22.69 1.56 0.00	32.34 2.13 -0.21	39.24 2.41 -2.93	32.55 2.53 0.00	26.95 2.10 0.00	23.51 1.74 -0.61	23.82 1.69 -1.46	21.23 1.52 -0.92
ARTHUR_KILL_3 23513	20.20 1.29 -0.95	20.69 0.85 -7.74	20.17 0.75 -8.72	20.92 0.68 -10.25	21.94 0.10 -20.37	24.25 0.81 -11.90	58.91 -0.55 -66.90	39.32 1.43 -19.09	32.97 1.20 -16.05	22.28 1.48 0.00	23.59 1.73 -0.14	21.38 1.59 -0.87	21.81 1.61 0.00	19.77 1.49 0.00	16.51 1.22 0.00	19.32 1.30 0.00	22.64 1.50 0.00	32.37 2.15 -0.22	39.29 2.45 -2.93	32.17 2.15 0.00	26.61 1.76 0.00	23.25 1.47 -0.61	23.61 1.48 -1.46	21.02 1.31 -0.92
ARTHUR_KILL_COGEN 323718	20.28 1.37 -0.96	20.75 0.91 -7.74	20.27 0.85 -8.72	21.13 0.89 -10.25	21.97 0.13 -20.37	24.49 1.05 -11.90	58.95 -0.51 -66.91	39.42 1.53 -19.09	33.10 1.32 -16.05	22.43 1.63 0.00	23.75 1.89 -0.14	21.54 1.75 -0.87	21.95 1.76 0.00	19.92 1.64 0.00	16.61 1.32 0.00	19.42 1.40 0.00	22.75 1.62 0.00	32.44 2.22 -0.21	39.35 2.52 -2.93	32.64 2.62 0.00	27.03 2.18 0.00	23.57 1.80 -0.61	23.89 1.75 -1.46	21.28 1.57 -0.92
ASHOKAN____ 23654	20.18 1.18 -1.05	21.31 0.70 -8.51	21.03 0.62 -9.71	21.98 0.58 -11.41	24.26 0.10 -22.69	25.53 0.73 -13.26	66.58 -0.48 -74.52	41.43 1.37 -21.26	34.77 1.17 -17.88	22.27 1.47 0.00	23.20 1.33 -0.16	20.92 1.03 -0.97	21.24 1.04 0.00	19.20 0.92 0.00	16.10 0.81 0.00	18.87 0.84 0.00	22.22 1.08 0.00	32.17 1.93 -0.24	39.27 2.11 -3.26	32.04 2.02 0.00	26.38 1.53 0.00	23.04 1.20 -0.68	23.56 1.26 -1.63	20.92 1.11 -1.03

ASTORIA_EAST_ENERGY_CC1 323581	20.25 1.34 -0.96	20.70 0.86 -7.74	20.19 0.76 -8.72	20.97 0.74 -10.25	21.95 0.11 -20.37	24.31 0.86 -11.90	58.93 -0.53 -66.91	39.33 1.44 -19.09	33.02 1.25 -16.05	22.35 1.55 0.00	23.64 1.78 -0.14	21.48 1.69 -0.87	21.89 1.69 0.00	19.87 1.59 0.00	16.59 1.30 0.00	19.41 1.39 0.00	22.72 1.58 0.00	32.36 2.14 -0.22	39.40 2.56 -2.93	32.28 2.26 0.00	26.73 1.88 0.00	23.39 1.62 -0.61	23.72 1.58 -1.46	21.16 1.45 -0.92
ASTORIA_EAST_ENERGY_CC2 323582	20.25 1.34 -0.96	20.70 0.86 -7.74	20.19 0.76 -8.72	20.97 0.74 -10.25	21.95 0.11 -20.37	24.31 0.86 -11.90	58.93 -0.53 -66.91	39.33 1.44 -19.09	33.02 1.25 -16.05	22.35 1.55 0.00	23.64 1.78 -0.14	21.48 1.69 -0.87	21.88 1.69 0.00	19.87 1.59 0.00	16.59 1.30 0.00	19.41 1.39 0.00	22.72 1.58 0.00	32.36 2.14 -0.22	39.40 2.56 -2.93	32.28 2.26 0.00	26.73 1.88 0.00	23.40 1.62 -0.61	23.73 1.59 -1.46	21.16 1.46 -0.92
ASTORIA_GT2_1 24094	20.25 1.34 -0.95	20.71 0.86 -7.74	20.19 0.77 -8.72	20.98 0.74 -10.25	21.95 0.11 -20.37	24.31 0.86 -11.90	58.93 -0.53 -66.91	39.34 1.45 -19.09	33.02 1.25 -16.05	22.36 1.56 0.00	23.66 1.80 -0.14	21.49 1.70 -0.87	21.89 1.70 0.00	19.88 1.60 0.00	16.59 1.30 0.00	19.42 1.40 0.00	22.72 1.58 0.00	32.37 2.16 -0.22	39.41 2.58 -2.93	32.29 2.27 0.00	26.74 1.89 0.00	23.40 1.63 -0.61	23.75 1.61 -1.46	21.16 1.46 -0.92
ASTORIA_GT2_2 24095	20.25 1.34 -0.95	20.71 0.86 -7.74	20.19 0.77 -8.72	20.98 0.74 -10.25	21.95 0.11 -20.37	24.31 0.86 -11.90	58.93 -0.53 -66.91	39.34 1.45 -19.09	33.02 1.25 -16.05	22.36 1.56 0.00	23.66 1.80 -0.14	21.49 1.70 -0.87	21.89 1.70 0.00	19.88 1.60 0.00	16.59 1.30 0.00	19.42 1.40 0.00	22.72 1.58 0.00	32.37 2.16 -0.22	39.41 2.58 -2.93	32.29 2.27 0.00	26.74 1.89 0.00	23.40 1.63 -0.61	23.75 1.61 -1.46	21.16 1.46 -0.92
ASTORIA_GT2_3 24096	20.25 1.34 -0.95	20.71 0.86 -7.74	20.19 0.77 -8.72	20.98 0.74 -10.25	21.95 0.11 -20.37	24.31 0.86 -11.90	58.93 -0.53 -66.91	39.34 1.45 -19.09	33.02 1.25 -16.05	22.36 1.56 0.00	23.66 1.80 -0.14	21.49 1.70 -0.87	21.89 1.70 0.00	19.88 1.60 0.00	16.59 1.30 0.00	19.42 1.40 0.00	22.72 1.58 0.00	32.37 2.16 -0.22	39.41 2.58 -2.93	32.29 2.27 0.00	26.74 1.89 0.00	23.40 1.63 -0.61	23.75 1.61 -1.46	21.16 1.46 -0.92
ASTORIA_GT2_4 24097	20.25 1.34 -0.95	20.71 0.86 -7.74	20.19 0.77 -8.72	20.98 0.74 -10.25	21.95 0.11 -20.37	24.31 0.86 -11.90	58.93 -0.53 -66.91	39.34 1.45 -19.09	33.02 1.25 -16.05	22.36 1.56 0.00	23.66 1.80 -0.14	21.49 1.70 -0.87	21.89 1.70 0.00	19.88 1.60 0.00	16.59 1.30 0.00	19.42 1.40 0.00	22.72 1.58 0.00	32.37 2.16 -0.22	39.41 2.58 -2.93	32.29 2.27 0.00	26.74 1.89 0.00	23.40 1.63 -0.61	23.75 1.61 -1.46	21.16 1.46 -0.92
ASTORIA_GT3_1 24098	20.25 1.34 -0.95	20.71 0.86 -7.74	20.19 0.77 -8.72	20.98 0.74 -10.25	21.95 0.11 -20.37	24.31 0.86 -11.90	58.93 -0.53 -66.91	39.34 1.45 -19.09	33.02 1.25 -16.05	22.36 1.56 0.00	23.66 1.80 -0.14	21.49 1.70 -0.87	21.89 1.70 0.00	19.88 1.60 0.00	16.59 1.30 0.00	19.42 1.40 0.00	22.72 1.58 0.00	32.37 2.16 -0.22	39.41 2.58 -2.93	32.29 2.27 0.00	26.74 1.89 0.00	23.40 1.63 -0.61	23.75 1.61 -1.46	21.16 1.46 -0.92
ASTORIA_GT3_2 24099	20.25 1.34 -0.95	20.71 0.86 -7.74	20.19 0.77 -8.72	20.98 0.74 -10.25	21.95 0.11 -20.37	24.31 0.86 -11.90	58.93 -0.53 -66.91	39.34 1.45 -19.09	33.02 1.25 -16.05	22.36 1.56 0.00	23.66 1.80 -0.14	21.49 1.70 -0.87	21.89 1.70 0.00	19.88 1.60 0.00	16.59 1.30 0.00	19.42 1.40 0.00	22.72 1.58 0.00	32.37 2.16 -0.22	39.41 2.58 -2.93	32.29 2.27 0.00	26.74 1.89 0.00	23.40 1.63 -0.61	23.75 1.61 -1.46	21.16 1.46 -0.92
ASTORIA_GT3_3 24100	20.25 1.34 -0.95	20.71 0.86 -7.74	20.19 0.77 -8.72	20.98 0.74 -10.25	21.95 0.11 -20.37	24.31 0.86 -11.90	58.93 -0.53 -66.91	39.34 1.45 -19.09	33.02 1.25 -16.05	22.36 1.56 0.00	23.66 1.80 -0.14	21.49 1.70 -0.87	21.89 1.70 0.00	19.88 1.60 0.00	16.59 1.30 0.00	19.42 1.40 0.00	22.72 1.58 0.00	32.37 2.16 -0.22	39.41 2.58 -2.93	32.29 2.27 0.00	26.74 1.89 0.00	23.40 1.63 -0.61	23.75 1.61 -1.46	21.16 1.46 -0.92
ASTORIA_GT3_4 24101	20.25 1.34 -0.95	20.71 0.86 -7.74	20.19 0.77 -8.72	20.98 0.74 -10.25	21.95 0.11 -20.37	24.31 0.86 -11.90	58.93 -0.53 -66.91	39.34 1.45 -19.09	33.02 1.25 -16.05	22.36 1.56 0.00	23.66 1.80 -0.14	21.49 1.70 -0.87	21.89 1.70 0.00	19.88 1.60 0.00	16.59 1.30 0.00	19.42 1.40 0.00	22.72 1.58 0.00	32.37 2.16 -0.22	39.41 2.58 -2.93	32.29 2.27 0.00	26.74 1.89 0.00	23.40 1.63 -0.61	23.75 1.61 -1.46	21.16 1.46 -0.92
ASTORIA_GT4_1 24102	20.25 1.34 -0.95	20.71 0.86 -7.74	20.19 0.77 -8.72	20.98 0.74 -10.25	21.95 0.11 -20.37	24.31 0.86 -11.90	58.93 -0.53 -66.91	39.34 1.45 -19.09	33.02 1.25 -16.05	22.36 1.56 0.00	23.66 1.80 -0.14	21.49 1.70 -0.87	21.89 1.70 0.00	19.88 1.60 0.00	16.59 1.30 0.00	19.42 1.40 0.00	22.72 1.58 0.00	32.37 2.16 -0.22	39.41 2.58 -2.93	32.29 2.27 0.00	26.74 1.89 0.00	23.40 1.63 -0.61	23.75 1.61 -1.46	21.16 1.46 -0.92
ASTORIA_GT4_2 24103	20.25 1.34 -0.95	20.71 0.86 -7.74	20.19 0.77 -8.72	20.98 0.74 -10.25	21.95 0.11 -20.37	24.31 0.86 -11.90	58.93 -0.53 -66.91	39.34 1.45 -19.09	33.02 1.25 -16.05	22.36 1.56 0.00	23.66 1.80 -0.14	21.49 1.70 -0.87	21.89 1.70 0.00	19.88 1.60 0.00	16.59 1.30 0.00	19.42 1.40 0.00	22.72 1.58 0.00	32.37 2.16 -0.22	39.41 2.58 -2.93	32.29 2.27 0.00	26.74 1.89 0.00	23.40 1.63 -0.61	23.75 1.61 -1.46	21.16 1.46 -0.92
ASTORIA_GT4_3 24104	20.25 1.34 -0.95	20.71 0.86 -7.74	20.19 0.77 -8.72	20.98 0.74 -10.25	21.95 0.11 -20.37	24.31 0.86 -11.90	58.93 -0.53 -66.91	39.34 1.45 -19.09	33.02 1.25 -16.05	22.36 1.56 0.00	23.66 1.80 -0.14	21.49 1.70 -0.87	21.89 1.70 0.00	19.88 1.60 0.00	16.59 1.30 0.00	19.42 1.40 0.00	22.72 1.58 0.00	32.37 2.16 -0.22	39.41 2.58 -2.93	32.29 2.27 0.00	26.74 1.89 0.00	23.40 1.63 -0.61	23.75 1.61 -1.46	21.16 1.46 -0.92
ASTORIA_GT4_4 24105	20.25 1.34 -0.95	20.71 0.86 -7.74	20.19 0.77 -8.72	20.98 0.74 -10.25	21.95 0.11 -20.37	24.31 0.86 -11.90	58.93 -0.53 -66.91	39.34 1.45 -19.09	33.02 1.25 -16.05	22.36 1.56 0.00	23.66 1.80 -0.14	21.49 1.70 -0.87	21.89 1.70 0.00	19.88 1.60 0.00	16.59 1.30 0.00	19.42 1.40 0.00	22.72 1.58 0.00	32.37 2.16 -0.22	39.41 2.58 -2.93	32.29 2.27 0.00	26.74 1.89 0.00	23.40 1.63 -0.61	23.75 1.61 -1.46	21.16 1.46 -0.92
ASTORIA_GT_1 23523	20.29 1.38 -0.96	20.73 0.89 -7.74	20.21 0.78 -8.72	20.99 0.76 -10.25	21.96 0.11 -20.37	24.33 0.89 -11.90	58.91 -0.54 -66.91	39.38 1.49 -19.09	33.06 1.29 -16.05	22.42 1.62 0.00	23.70 1.85 -0.14	21.53 1.74 -0.87	21.94 1.74 0.00	19.92 1.64 0.00	16.62 1.34 0.00	19.46 1.43 0.00	22.77 1.64 0.00	32.44 2.22 -0.22	39.49 2.66 -2.93	32.37 2.35 0.00	26.80 1.95 0.00	23.45 1.67 -0.61	23.76 1.63 -1.46	21.20 1.49 -0.92

ASTORIA_GT_10 24110	20.28 1.37 -0.95	20.74 0.89 -7.74	20.20 0.78 -8.72	20.96 0.73 -10.25	21.95 0.11 -20.37	24.30 0.85 -11.90	58.91 -0.55 -66.91	39.38 1.49 -19.09	33.06 1.28 -16.05	22.40 1.60 0.00	23.69 1.83 -0.14	21.49 1.70 -0.87	21.91 1.72 0.00	19.88 1.60 0.00	16.62 1.33 0.00	19.43 1.41 0.00	22.73 1.60 0.00	32.47 2.25 -0.22	39.44 2.60 -2.93	32.35 2.33 0.00	26.74 1.90 0.00	23.37 1.60 -0.61	23.72 1.58 -1.46	21.11 1.40 -0.92
ASTORIA_GT_11 24225	20.28 1.37 -0.95	20.74 0.89 -7.74	20.20 0.78 -8.72	20.96 0.73 -10.25	21.95 0.11 -20.37	24.30 0.85 -11.90	58.91 -0.55 -66.91	39.38 1.49 -19.09	33.06 1.28 -16.05	22.40 1.60 0.00	23.69 1.83 -0.14	21.49 1.70 -0.87	21.91 1.72 0.00	19.88 1.60 0.00	16.62 1.33 0.00	19.43 1.41 0.00	22.73 1.60 0.00	32.47 2.25 -0.22	39.44 2.60 -2.93	32.35 2.33 0.00	26.74 1.90 0.00	23.37 1.60 -0.61	23.72 1.58 -1.46	21.11 1.40 -0.92
ASTORIA_GT_12 24226	20.28 1.37 -0.95	20.74 0.89 -7.74	20.20 0.78 -8.72	20.96 0.73 -10.25	21.95 0.11 -20.37	24.30 0.85 -11.90	58.91 -0.55 -66.91	39.38 1.49 -19.09	33.06 1.28 -16.05	22.40 1.60 0.00	23.69 1.83 -0.14	21.49 1.70 -0.87	21.91 1.72 0.00	19.88 1.60 0.00	16.62 1.33 0.00	19.43 1.41 0.00	22.73 1.60 0.00	32.47 2.25 -0.22	39.44 2.60 -2.93	32.35 2.33 0.00	26.74 1.90 0.00	23.37 1.60 -0.61	23.72 1.58 -1.46	21.11 1.40 -0.92
ASTORIA_GT_13 24227	20.28 1.37 -0.95	20.74 0.89 -7.74	20.20 0.78 -8.72	20.96 0.73 -10.25	21.95 0.11 -20.37	24.30 0.85 -11.90	58.91 -0.55 -66.91	39.38 1.49 -19.09	33.06 1.28 -16.05	22.40 1.60 0.00	23.69 1.83 -0.14	21.49 1.70 -0.87	21.91 1.72 0.00	19.88 1.60 0.00	16.62 1.33 0.00	19.43 1.41 0.00	22.73 1.60 0.00	32.47 2.25 -0.22	39.44 2.60 -2.93	32.35 2.33 0.00	26.74 1.90 0.00	23.37 1.60 -0.61	23.72 1.58 -1.46	21.11 1.40 -0.92
ASTORIA_GT_5 24106	20.29 1.38 -0.96	20.73 0.89 -7.74	20.21 0.78 -8.72	20.99 0.76 -10.25	21.96 0.11 -20.37	24.33 0.89 -11.90	58.91 -0.54 -66.91	39.38 1.49 -19.09	33.06 1.29 -16.05	22.42 1.62 0.00	23.70 1.85 -0.14	21.53 1.74 -0.87	21.94 1.74 0.00	19.92 1.64 0.00	16.62 1.34 0.00	19.46 1.43 0.00	22.77 1.64 0.00	32.44 2.22 -0.22	39.49 2.66 -2.93	32.37 2.35 0.00	26.80 1.95 0.00	23.45 1.67 -0.61	23.76 1.63 -1.46	21.20 1.49 -0.92
ASTORIA_GT_7 24107	20.29 1.38 -0.96	20.73 0.89 -7.74	20.21 0.78 -8.72	20.99 0.76 -10.25	21.96 0.11 -20.37	24.33 0.89 -11.90	58.91 -0.54 -66.91	39.38 1.49 -19.09	33.06 1.29 -16.05	22.42 1.62 0.00	23.70 1.85 -0.14	21.53 1.74 -0.87	21.94 1.74 0.00	19.92 1.64 0.00	16.62 1.34 0.00	19.46 1.43 0.00	22.77 1.64 0.00	32.44 2.22 -0.22	39.49 2.66 -2.93	32.37 2.35 0.00	26.80 1.95 0.00	23.45 1.67 -0.61	23.76 1.63 -1.46	21.20 1.49 -0.92
ASTORIA_GT_8 24108	20.29 1.38 -0.95	20.73 0.89 -7.74	20.21 0.79 -8.72	21.00 0.76 -10.25	21.96 0.11 -20.37	24.33 0.89 -11.90	58.91 -0.55 -66.91	39.38 1.49 -19.09	33.06 1.28 -16.05	22.41 1.61 0.00	23.70 1.85 -0.14	21.53 1.74 -0.87	21.94 1.74 0.00	19.92 1.64 0.00	16.62 1.34 0.00	19.46 1.43 0.00	22.76 1.63 0.00	32.43 2.22 -0.22	39.49 2.66 -2.93	32.36 2.34 0.00	26.79 1.94 0.00	23.45 1.67 -0.61	23.78 1.64 -1.46	21.20 1.49 -0.92
ASTORIA___2 24149	20.25 1.34 -0.96	20.71 0.87 -7.74	20.19 0.76 -8.72	20.98 0.74 -10.25	21.95 0.11 -20.37	24.31 0.87 -11.90	58.93 -0.53 -66.91	39.34 1.45 -19.09	33.03 1.25 -16.05	22.37 1.57 0.00	23.66 1.80 -0.14	21.49 1.70 -0.87	21.89 1.70 0.00	19.88 1.60 0.00	16.59 1.30 0.00	19.42 1.40 0.00	22.73 1.59 0.00	32.38 2.16 -0.22	39.41 2.58 -2.93	32.29 2.27 0.00	26.74 1.89 0.00	23.40 1.63 -0.61	23.73 1.59 -1.46	21.16 1.46 -0.92
ASTORIA___3 23516	20.28 1.37 -0.96	20.74 0.89 -7.74	20.20 0.78 -8.72	20.96 0.73 -10.25	21.95 0.11 -20.37	24.30 0.85 -11.90	58.91 -0.55 -66.91	39.38 1.49 -19.09	33.06 1.28 -16.05	22.41 1.60 0.00	23.69 1.83 -0.14	21.49 1.70 -0.87	21.91 1.71 0.00	19.88 1.60 0.00	16.62 1.33 0.00	19.43 1.41 0.00	22.74 1.60 0.00	32.47 2.25 -0.22	39.43 2.60 -2.93	32.35 2.33 0.00	26.74 1.90 0.00	23.37 1.60 -0.61	23.71 1.57 -1.46	21.11 1.40 -0.92
ASTORIA___4 23517	20.28 1.37 -0.95	20.74 0.89 -7.74	20.20 0.78 -8.72	20.96 0.73 -10.25	21.95 0.11 -20.37	24.30 0.85 -11.90	58.91 -0.55 -66.91	39.38 1.49 -19.09	33.06 1.28 -16.05	22.40 1.60 0.00	23.69 1.83 -0.14	21.49 1.70 -0.87	21.91 1.72 0.00	19.88 1.60 0.00	16.62 1.33 0.00	19.43 1.41 0.00	22.73 1.60 0.00	32.47 2.25 -0.22	39.44 2.60 -2.93	32.35 2.33 0.00	26.74 1.90 0.00	23.37 1.60 -0.61	23.72 1.58 -1.46	21.11 1.40 -0.92
ASTORIA___5 23518	20.28 1.37 -0.96	20.74 0.89 -7.74	20.20 0.78 -8.72	20.96 0.73 -10.25	21.95 0.11 -20.37	24.30 0.85 -11.90	58.91 -0.55 -66.91	39.38 1.49 -19.09	33.06 1.28 -16.05	22.41 1.60 0.00	23.69 1.83 -0.14	21.49 1.70 -0.87	21.91 1.71 0.00	19.88 1.60 0.00	16.62 1.33 0.00	19.43 1.41 0.00	22.74 1.60 0.00	32.47 2.25 -0.22	39.43 2.60 -2.93	32.35 2.33 0.00	26.74 1.90 0.00	23.37 1.60 -0.61	23.71 1.57 -1.46	21.11 1.40 -0.92
AST_ENERGY_2_CC3 323677	20.23 1.32 -0.95	20.71 0.87 -7.74	20.19 0.76 -8.72	20.94 0.71 -10.25	21.94 0.10 -20.37	24.26 0.82 -11.90	58.92 -0.53 -66.90	39.30 1.41 -19.09	32.97 1.20 -16.05	22.31 1.51 0.00	23.63 1.78 -0.14	21.44 1.65 -0.87	21.87 1.68 0.00	19.82 1.54 0.00	16.56 1.27 0.00	19.39 1.36 0.00	22.70 1.56 0.00	32.41 2.19 -0.22	39.33 2.49 -2.93	32.23 2.21 0.00	26.66 1.81 0.00	23.31 1.54 -0.61	23.67 1.53 -1.46	21.08 1.37 -0.92
AST_ENERGY_2_CC4 323678	20.23 1.32 -0.95	20.71 0.87 -7.74	20.19 0.76 -8.72	20.94 0.71 -10.25	21.94 0.10 -20.37	24.26 0.82 -11.90	58.92 -0.53 -66.90	39.30 1.41 -19.09	32.97 1.20 -16.05	22.31 1.51 0.00	23.63 1.78 -0.14	21.44 1.65 -0.87	21.87 1.68 0.00	19.82 1.54 0.00	16.56 1.27 0.00	19.39 1.36 0.00	22.70 1.56 0.00	32.41 2.19 -0.22	39.33 2.49 -2.93	32.23 2.21 0.00	26.66 1.81 0.00	23.31 1.54 -0.61	23.67 1.53 -1.46	21.08 1.37 -0.92
ATHENS_STG_1 23668	19.69 0.68 -1.05	21.09 0.46 -8.53	20.82 0.41 -9.71	21.78 0.38 -11.41	24.20 0.05 -22.68	25.24 0.45 -13.25	66.74 -0.30 -74.49	40.82 0.77 -21.25	34.25 0.66 -17.87	21.62 0.82 0.00	22.83 0.96 -0.16	20.75 0.87 -0.97	21.06 0.87 0.00	19.06 0.78 0.00	15.94 0.66 0.00	18.72 0.69 0.00	21.97 0.83 0.00	31.46 1.22 -0.24	38.58 1.41 -3.26	31.21 1.19 0.00	25.84 1.00 0.00	22.70 0.85 -0.68	23.14 0.84 -1.63	20.57 0.76 -1.03
ATHENS_STG_2 23670	19.69 0.68 -1.05	21.09 0.46 -8.53	20.82 0.41 -9.71	21.78 0.38 -11.41	24.20 0.05 -22.68	25.24 0.45 -13.25	66.74 -0.30 -74.49	40.82 0.77 -21.25	34.25 0.66 -17.87	21.62 0.82 0.00	22.83 0.96 -0.16	20.75 0.87 -0.97	21.06 0.87 0.00	19.06 0.78 0.00	15.94 0.66 0.00	18.72 0.69 0.00	21.97 0.83 0.00	31.46 1.22 -0.24	38.58 1.41 -3.26	31.21 1.19 0.00	25.84 1.00 0.00	22.70 0.85 -0.68	23.14 0.84 -1.63	20.57 0.76 -1.03

ATHENS_STG_3 23677	19.69 0.68 -1.05	21.09 0.46 -8.53	20.82 0.41 -9.71	21.78 0.38 -11.41	24.20 0.05 -22.68	25.24 0.45 -13.25	66.74 -0.30 -74.49	40.82 0.77 -21.25	34.25 0.66 -17.87	21.62 0.82 0.00	22.83 0.96 -0.16	20.75 0.87 -0.97	21.06 0.87 0.00	19.06 0.78 0.00	15.94 0.66 0.00	18.72 0.69 0.00	21.97 0.83 0.00	31.46 1.22 -0.24	38.58 1.41 -3.26	31.21 1.19 0.00	25.84 1.00 0.00	22.70 0.85 -0.68	23.14 0.84 -1.63	20.57 0.76 -1.03
AUBURN____LFGE 323710	18.38 0.19 -0.23	14.11 0.13 -1.88	12.96 0.09 -2.16	12.61 0.09 -2.54	6.54 0.03 -5.04	14.70 0.22 -2.95	9.01 -0.10 -16.56	23.93 0.40 -4.72	19.99 0.30 -3.97	21.24 0.44 0.00	22.20 0.45 -0.04	19.45 0.32 -0.21	20.54 0.34 0.00	18.57 0.29 0.00	15.51 0.22 0.00	18.17 0.15 0.00	21.31 0.18 0.00	30.13 0.08 -0.05	34.95 0.37 -0.67	30.20 0.18 0.00	25.12 0.28 0.00	21.42 0.12 -0.14	21.09 0.08 -0.34	19.04 0.04 -0.21
BABYLON_RES_REC 323704	20.59 1.68 -0.95	20.97 1.13 -7.74	20.41 0.99 -8.72	21.17 0.94 -10.24	21.96 0.13 -20.36	24.48 1.04 -11.90	58.75 -0.68 -66.88	39.68 1.79 -19.08	33.36 1.58 -16.05	22.70 1.90 0.00	24.01 2.16 -0.14	21.79 2.00 -0.87	22.24 2.04 0.00	20.09 1.81 0.00	16.76 1.47 0.00	19.57 1.54 0.00	22.98 1.85 0.00	33.04 2.82 -0.22	40.17 3.34 -2.93	32.95 2.93 0.00	27.18 2.33 0.00	23.69 1.92 -0.61	23.99 1.86 -1.46	21.43 1.73 -0.92
BABYLON__69_KV_BK2 356345	20.74 1.83 -0.95	21.07 1.23 -7.74	20.50 1.08 -8.72	21.25 1.02 -10.24	21.97 0.14 -20.36	24.56 1.12 -11.90	58.69 -0.75 -66.88	39.82 1.94 -19.08	33.49 1.72 -16.05	22.85 2.05 0.00	24.18 2.32 -0.14	21.94 2.15 -0.87	22.39 2.20 0.00	20.23 1.95 0.00	16.89 1.60 0.00	19.71 1.68 0.00	23.15 2.01 0.00	33.32 3.10 -0.22	40.49 3.66 -2.93	33.25 3.23 0.00	27.39 2.54 0.00	23.87 2.09 -0.61	24.19 2.05 -1.46	21.59 1.88 -0.92
BALL_HILL_WT_PWR 323825	17.69 -0.54 -0.26	13.91 -0.33 -2.15	12.85 -0.31 -2.46	12.59 -0.29 -2.89	7.16 -0.03 -5.72	14.53 -0.35 -3.34	11.70 0.38 -18.77	23.52 -0.64 -5.36	19.62 -0.61 -4.51	20.13 -0.67 0.00	21.11 -0.65 -0.04	18.44 -0.73 -0.24	19.54 -0.65 0.00	17.60 -0.68 0.00	14.58 -0.70 0.00	17.03 -1.00 0.00	20.04 -1.09 0.00	28.62 -1.44 -0.06	33.31 -1.39 -0.80	28.78 -1.24 0.00	23.74 -1.10 0.00	20.21 -1.12 -0.17	20.06 -1.02 -0.40	18.05 -0.98 -0.25
BARON_WINDS____WT_PWR 323822	17.85 -0.42 -0.31	14.30 -0.34 -2.54	13.28 -0.34 -2.91	13.10 -0.30 -3.42	8.24 -0.04 -6.81	15.13 -0.39 -3.98	15.27 0.34 -22.38	24.60 -0.59 -6.38	20.47 -0.62 -5.37	20.04 -0.77 0.00	21.02 -0.74 -0.05	18.34 -0.87 -0.29	19.32 -0.88 0.00	17.43 -0.85 0.00	14.44 -0.85 0.00	16.92 -1.11 0.00	20.03 -1.11 0.00	28.63 -1.44 -0.07	33.37 -1.49 -0.95	28.64 -1.38 0.00	23.61 -1.24 0.00	20.15 -1.20 -0.20	20.03 -1.12 -0.47	18.04 -1.05 -0.30
BARRETT_IC_1 23704	20.38 1.47 -0.95	20.82 0.98 -7.74	20.27 0.85 -8.72	21.04 0.80 -10.24	21.95 0.11 -20.36	24.34 0.90 -11.90	58.91 -0.53 -66.88	39.31 1.42 -19.08	33.03 1.26 -16.05	22.40 1.60 0.00	23.72 1.87 -0.14	21.57 1.78 -0.87	22.00 1.81 0.00	19.87 1.59 0.00	16.60 1.31 0.00	19.37 1.34 0.00	22.66 1.52 0.00	32.56 2.34 -0.22	39.58 2.74 -2.93	32.48 2.46 0.00	26.83 1.98 0.00	23.43 1.66 -0.61	23.78 1.64 -1.46	21.23 1.52 -0.92
BARRETT_IC_10 23701	20.38 1.47 -0.95	20.82 0.98 -7.74	20.27 0.85 -8.72	21.04 0.80 -10.24	21.95 0.11 -20.36	24.34 0.90 -11.90	58.91 -0.53 -66.88	39.31 1.42 -19.08	33.03 1.26 -16.05	22.40 1.60 0.00	23.72 1.87 -0.14	21.57 1.78 -0.87	22.00 1.81 0.00	19.87 1.59 0.00	16.60 1.31 0.00	19.37 1.34 0.00	22.66 1.52 0.00	32.56 2.34 -0.22	39.58 2.74 -2.93	32.48 2.46 0.00	26.83 1.98 0.00	23.43 1.66 -0.61	23.78 1.64 -1.46	21.23 1.52 -0.92
BARRETT_IC_11 23702	20.38 1.47 -0.95	20.82 0.98 -7.74	20.27 0.85 -8.72	21.04 0.80 -10.24	21.95 0.11 -20.36	24.34 0.90 -11.90	58.91 -0.53 -66.88	39.31 1.42 -19.08	33.03 1.26 -16.05	22.40 1.60 0.00	23.72 1.87 -0.14	21.57 1.78 -0.87	22.00 1.81 0.00	19.87 1.59 0.00	16.60 1.31 0.00	19.37 1.34 0.00	22.66 1.52 0.00	32.56 2.34 -0.22	39.58 2.74 -2.93	32.48 2.46 0.00	26.83 1.98 0.00	23.43 1.66 -0.61	23.78 1.64 -1.46	21.23 1.52 -0.92
BARRETT_IC_12 23703	20.38 1.47 -0.95	20.82 0.98 -7.74	20.27 0.85 -8.72	21.04 0.80 -10.24	21.95 0.11 -20.36	24.34 0.90 -11.90	58.91 -0.53 -66.88	39.31 1.42 -19.08	33.03 1.26 -16.05	22.40 1.60 0.00	23.72 1.87 -0.14	21.57 1.78 -0.87	22.00 1.81 0.00	19.87 1.59 0.00	16.60 1.31 0.00	19.37 1.34 0.00	22.66 1.52 0.00	32.56 2.34 -0.22	39.58 2.74 -2.93	32.48 2.46 0.00	26.83 1.98 0.00	23.43 1.66 -0.61	23.78 1.64 -1.46	21.23 1.52 -0.92
BARRETT_IC_2 23705	20.38 1.47 -0.95	20.82 0.98 -7.74	20.27 0.85 -8.72	21.04 0.80 -10.24	21.95 0.11 -20.36	24.34 0.90 -11.90	58.91 -0.53 -66.88	39.31 1.42 -19.08	33.03 1.26 -16.05	22.40 1.60 0.00	23.72 1.87 -0.14	21.57 1.78 -0.87	22.00 1.81 0.00	19.87 1.59 0.00	16.60 1.31 0.00	19.37 1.34 0.00	22.66 1.52 0.00	32.56 2.34 -0.22	39.58 2.74 -2.93	32.48 2.46 0.00	26.83 1.98 0.00	23.43 1.66 -0.61	23.78 1.64 -1.46	21.23 1.52 -0.92
BARRETT_IC_3 23706	20.38 1.47 -0.95	20.82 0.98 -7.74	20.27 0.85 -8.72	21.04 0.80 -10.24	21.95 0.11 -20.36	24.34 0.90 -11.90	58.91 -0.53 -66.88	39.31 1.42 -19.08	33.03 1.26 -16.05	22.40 1.60 0.00	23.72 1.87 -0.14	21.57 1.78 -0.87	22.00 1.81 0.00	19.87 1.59 0.00	16.60 1.31 0.00	19.37 1.34 0.00	22.66 1.52 0.00	32.56 2.34 -0.22	39.58 2.74 -2.93	32.48 2.46 0.00	26.83 1.98 0.00	23.43 1.66 -0.61	23.78 1.64 -1.46	21.23 1.52 -0.92
BARRETT_IC_4 23707	20.38 1.47 -0.95	20.82 0.98 -7.74	20.27 0.85 -8.72	21.04 0.80 -10.24	21.95 0.11 -20.36	24.34 0.90 -11.90	58.91 -0.53 -66.88	39.31 1.42 -19.08	33.03 1.26 -16.05	22.40 1.60 0.00	23.72 1.87 -0.14	21.57 1.78 -0.87	22.00 1.81 0.00	19.87 1.59 0.00	16.60 1.31 0.00	19.37 1.34 0.00	22.66 1.52 0.00	32.56 2.34 -0.22	39.58 2.74 -2.93	32.48 2.46 0.00	26.83 1.98 0.00	23.43 1.66 -0.61	23.78 1.64 -1.46	21.23 1.52 -0.92
BARRETT_IC_5 23708	20.38 1.47 -0.95	20.82 0.98 -7.74	20.27 0.85 -8.72	21.04 0.80 -10.24	21.95 0.11 -20.36	24.34 0.90 -11.90	58.91 -0.53 -66.88	39.31 1.42 -19.08	33.03 1.26 -16.05	22.40 1.60 0.00	23.72 1.87 -0.14	21.57 1.78 -0.87	22.00 1.81 0.00	19.87 1.59 0.00	16.60 1.31 0.00	19.37 1.34 0.00	22.66 1.52 0.00	32.56 2.34 -0.22	39.58 2.74 -2.93	32.48 2.46 0.00	26.83 1.98 0.00	23.43 1.66 -0.61	23.78 1.64 -1.46	21.23 1.52 -0.92
BARRETT_IC_6 23709	20.38 1.47 -0.95	20.82 0.98 -7.74	20.27 0.85 -8.72	21.04 0.80 -10.24	21.95 0.11 -20.36	24.34 0.90 -11.90	58.91 -0.53 -66.88	39.31 1.42 -19.08	33.03 1.26 -16.05	22.40 1.60 0.00	23.72 1.87 -0.14	21.57 1.78 -0.87	22.00 1.81 0.00	19.87 1.59 0.00	16.60 1.31 0.00	19.37 1.34 0.00	22.66 1.52 0.00	32.56 2.34 -0.22	39.58 2.74 -2.93	32.48 2.46 0.00	26.83 1.98 0.00	23.43 1.66 -0.61	23.78 1.64 -1.46	21.23 1.52 -0.92

BARRETT_IC_7 23710	20.39 1.47 -0.95	20.82 0.98 -7.74	20.27 0.85 -8.72	21.04 0.80 -10.24	21.95 0.11 -20.36	24.34 0.90 -11.90	58.91 -0.53 -66.88	39.31 1.42 -19.08	33.03 1.26 -16.05	22.40 1.59 0.00	23.73 1.87 -0.14	21.57 1.78 -0.87	22.00 1.81 0.00	19.87 1.59 0.00	16.60 1.31 0.00	19.37 1.34 0.00	22.66 1.52 0.00	32.56 2.34 -0.22	39.57 2.74 -2.93	32.48 2.46 0.00	26.83 1.98 0.00	23.43 1.66 -0.61	23.79 1.66 -1.46	21.23 1.52 -0.92
BARRETT_IC_8 23711	20.38 1.47 -0.95	20.82 0.98 -7.74	20.27 0.85 -8.72	21.04 0.80 -10.24	21.95 0.11 -20.36	24.34 0.90 -11.90	58.91 -0.53 -66.88	39.31 1.42 -19.08	33.03 1.26 -16.05	22.40 1.60 0.00	23.72 1.87 -0.14	21.57 1.78 -0.87	22.00 1.81 0.00	19.87 1.59 0.00	16.60 1.31 0.00	19.37 1.34 0.00	22.66 1.52 0.00	32.56 2.34 -0.22	39.58 2.74 -2.93	32.48 2.46 0.00	26.83 1.98 0.00	23.43 1.66 -0.61	23.78 1.64 -1.46	21.23 1.52 -0.92
BARRETT_IC_9 23700	20.38 1.47 -0.95	20.82 0.98 -7.74	20.27 0.85 -8.72	21.04 0.80 -10.24	21.95 0.11 -20.36	24.34 0.90 -11.90	58.91 -0.53 -66.88	39.31 1.42 -19.08	33.03 1.26 -16.05	22.40 1.60 0.00	23.72 1.87 -0.14	21.57 1.78 -0.87	22.00 1.81 0.00	19.87 1.59 0.00	16.60 1.31 0.00	19.37 1.34 0.00	22.66 1.52 0.00	32.56 2.34 -0.22	39.58 2.74 -2.93	32.48 2.46 0.00	26.83 1.98 0.00	23.43 1.66 -0.61	23.78 1.64 -1.46	21.23 1.52 -0.92
BARRETT___1 23545	20.38 1.47 -0.95	20.82 0.98 -7.74	20.27 0.85 -8.72	21.04 0.80 -10.24	21.95 0.11 -20.36	24.34 0.90 -11.90	58.91 -0.53 -66.88	39.31 1.42 -19.08	33.03 1.26 -16.05	22.40 1.60 0.00	23.72 1.87 -0.14	21.57 1.78 -0.87	22.00 1.81 0.00	19.87 1.59 0.00	16.60 1.31 0.00	19.37 1.34 0.00	22.66 1.52 0.00	32.56 2.34 -0.22	39.58 2.74 -2.93	32.48 2.46 0.00	26.83 1.98 0.00	23.43 1.66 -0.61	23.78 1.64 -1.46	21.23 1.52 -0.92
BARRETT___2 23546	20.38 1.47 -0.95	20.82 0.98 -7.74	20.27 0.85 -8.72	21.04 0.80 -10.24	21.95 0.11 -20.36	24.34 0.90 -11.90	58.91 -0.53 -66.88	39.31 1.42 -19.08	33.03 1.26 -16.05	22.40 1.60 0.00	23.72 1.87 -0.14	21.57 1.78 -0.87	22.00 1.81 0.00	19.87 1.59 0.00	16.60 1.31 0.00	19.37 1.34 0.00	22.66 1.52 0.00	32.56 2.34 -0.22	39.58 2.74 -2.93	32.48 2.46 0.00	26.83 1.98 0.00	23.43 1.66 -0.61	23.78 1.64 -1.46	21.23 1.52 -0.92
BATAVIA___115KV_TB1 55881	17.92 -0.28 -0.24	13.89 -0.16 -1.95	12.77 -0.16 -2.23	12.45 -0.16 -2.63	6.67 -0.01 -5.21	14.40 -0.18 -3.04	9.91 0.27 -17.10	23.31 -0.37 -4.88	19.54 -0.28 -4.10	20.47 -0.33 0.00	21.30 -0.45 -0.04	18.56 -0.58 -0.22	19.66 -0.53 0.00	17.71 -0.57 0.00	14.73 -0.55 0.00	17.29 -0.74 0.00	20.40 -0.74 0.00	29.15 -0.90 -0.05	33.85 -0.78 -0.73	29.35 -0.67 0.00	24.20 -0.65 0.00	20.58 -0.73 -0.15	20.32 -0.72 -0.36	18.25 -0.76 -0.23
BAYONEEC___CTG1 323682	20.25 1.34 -0.95	20.73 0.88 -7.74	20.20 0.77 -8.72	20.95 0.72 -10.25	21.94 0.10 -20.37	24.29 0.85 -11.90	58.89 -0.56 -66.90	39.37 1.48 -19.09	33.03 1.25 -16.05	22.37 1.57 0.00	23.68 1.82 -0.14	21.47 1.68 -0.87	21.89 1.70 0.00	19.85 1.57 0.00	16.57 1.28 0.00	19.40 1.38 0.00	22.72 1.59 0.00	32.47 2.25 -0.22	39.40 2.57 -2.93	32.30 2.28 0.00	26.72 1.88 0.00	23.35 1.57 -0.61	23.70 1.56 -1.46	21.10 1.39 -0.92
BAYONEEC___CTG10 323750	20.25 1.34 -0.95	20.73 0.88 -7.74	20.20 0.77 -8.72	20.95 0.72 -10.25	21.94 0.10 -20.37	24.29 0.85 -11.90	58.89 -0.56 -66.90	39.37 1.48 -19.09	33.03 1.25 -16.05	22.37 1.57 0.00	23.68 1.82 -0.14	21.47 1.68 -0.87	21.89 1.70 0.00	19.85 1.57 0.00	16.57 1.28 0.00	19.40 1.38 0.00	22.72 1.59 0.00	32.47 2.25 -0.22	39.40 2.57 -2.93	32.30 2.28 0.00	26.72 1.88 0.00	23.35 1.57 -0.61	23.70 1.56 -1.46	21.10 1.39 -0.92
BAYONEEC___CTG2 323683	20.25 1.34 -0.95	20.73 0.88 -7.74	20.20 0.77 -8.72	20.95 0.72 -10.25	21.94 0.10 -20.37	24.29 0.85 -11.90	58.89 -0.56 -66.90	39.37 1.48 -19.09	33.03 1.25 -16.05	22.37 1.57 0.00	23.68 1.82 -0.14	21.47 1.68 -0.87	21.89 1.70 0.00	19.85 1.57 0.00	16.57 1.28 0.00	19.40 1.38 0.00	22.72 1.59 0.00	32.47 2.25 -0.22	39.40 2.57 -2.93	32.30 2.28 0.00	26.72 1.88 0.00	23.35 1.57 -0.61	23.70 1.56 -1.46	21.10 1.39 -0.92
BAYONEEC___CTG3 323684	20.25 1.34 -0.95	20.73 0.88 -7.74	20.20 0.77 -8.72	20.95 0.72 -10.25	21.94 0.10 -20.37	24.29 0.85 -11.90	58.89 -0.56 -66.90	39.37 1.48 -19.09	33.03 1.25 -16.05	22.37 1.57 0.00	23.68 1.82 -0.14	21.47 1.68 -0.87	21.89 1.70 0.00	19.85 1.57 0.00	16.57 1.28 0.00	19.40 1.38 0.00	22.72 1.59 0.00	32.47 2.25 -0.22	39.40 2.57 -2.93	32.30 2.28 0.00	26.72 1.88 0.00	23.35 1.57 -0.61	23.70 1.56 -1.46	21.10 1.39 -0.92
BAYONEEC___CTG4 323685	20.25 1.34 -0.95	20.73 0.88 -7.74	20.20 0.77 -8.72	20.95 0.72 -10.25	21.94 0.10 -20.37	24.29 0.85 -11.90	58.89 -0.56 -66.90	39.37 1.48 -19.09	33.03 1.25 -16.05	22.37 1.57 0.00	23.68 1.82 -0.14	21.47 1.68 -0.87	21.89 1.70 0.00	19.85 1.57 0.00	16.57 1.28 0.00	19.40 1.38 0.00	22.72 1.59 0.00	32.47 2.25 -0.22	39.40 2.57 -2.93	32.30 2.28 0.00	26.72 1.88 0.00	23.35 1.57 -0.61	23.70 1.56 -1.46	21.10 1.39 -0.92
BAYONEEC___CTG5 323686	20.25 1.34 -0.95	20.73 0.88 -7.74	20.20 0.77 -8.72	20.95 0.72 -10.25	21.94 0.10 -20.37	24.29 0.85 -11.90	58.89 -0.56 -66.90	39.37 1.48 -19.09	33.03 1.25 -16.05	22.37 1.57 0.00	23.68 1.82 -0.14	21.47 1.68 -0.87	21.89 1.70 0.00	19.85 1.57 0.00	16.57 1.28 0.00	19.40 1.38 0.00	22.72 1.59 0.00	32.47 2.25 -0.22	39.40 2.57 -2.93	32.30 2.28 0.00	26.72 1.88 0.00	23.35 1.57 -0.61	23.70 1.56 -1.46	21.10 1.39 -0.92
BAYONEEC___CTG6 323687	20.25 1.34 -0.95	20.73 0.88 -7.74	20.20 0.77 -8.72	20.95 0.72 -10.25	21.94 0.10 -20.37	24.29 0.85 -11.90	58.89 -0.56 -66.90	39.37 1.48 -19.09	33.03 1.25 -16.05	22.37 1.57 0.00	23.68 1.82 -0.14	21.47 1.68 -0.87	21.89 1.70 0.00	19.85 1.57 0.00	16.57 1.28 0.00	19.40 1.38 0.00	22.72 1.59 0.00	32.47 2.25 -0.22	39.40 2.57 -2.93	32.30 2.28 0.00	26.72 1.88 0.00	23.35 1.57 -0.61	23.70 1.56 -1.46	21.10 1.39 -0.92
BAYONEEC___CTG7 323688	20.25 1.34 -0.95	20.73 0.88 -7.74	20.20 0.77 -8.72	20.95 0.72 -10.25	21.94 0.10 -20.37	24.29 0.85 -11.90	58.89 -0.56 -66.90	39.37 1.48 -19.09	33.03 1.25 -16.05	22.37 1.57 0.00	23.68 1.82 -0.14	21.47 1.68 -0.87	21.89 1.70 0.00	19.85 1.57 0.00	16.57 1.28 0.00	19.40 1.38 0.00	22.72 1.59 0.00	32.47 2.25 -0.22	39.40 2.57 -2.93	32.30 2.28 0.00	26.72 1.88 0.00	23.35 1.57 -0.61	23.70 1.56 -1.46	21.10 1.39 -0.92
BAYONEEC___CTG8 323689	20.25 1.34 -0.95	20.73 0.88 -7.74	20.20 0.77 -8.72	20.95 0.72 -10.25	21.94 0.10 -20.37	24.29 0.85 -11.90	58.89 -0.56 -66.90	39.37 1.48 -19.09	33.03 1.25 -16.05	22.37 1.57 0.00	23.68 1.82 -0.14	21.47 1.68 -0.87	21.89 1.70 0.00	19.85 1.57 0.00	16.57 1.28 0.00	19.40 1.38 0.00	22.72 1.59 0.00	32.47 2.25 -0.22	39.40 2.57 -2.93	32.30 2.28 0.00	26.72 1.88 0.00	23.35 1.57 -0.61	23.70 1.56 -1.46	21.10 1.39 -0.92

BAYONEEC___CTG9 323749	20.25 1.34 -0.95	20.73 0.88 -7.74	20.20 0.77 -8.72	20.95 0.72 -10.25	21.94 0.10 -20.37	24.29 0.85 -11.90	58.89 -0.56 -66.90	39.37 1.48 -19.09	33.03 1.25 -16.05	22.37 1.57 0.00	23.68 1.82 -0.14	21.47 1.68 -0.87	21.89 1.70 0.00	19.85 1.57 0.00	16.57 1.28 0.00	19.40 1.38 0.00	22.72 1.59 0.00	32.47 2.25 -0.22	39.40 2.57 -2.93	32.30 2.28 0.00	26.72 1.88 0.00	23.35 1.57 -0.61	23.70 1.56 -1.46	21.10 1.39 -0.92
BEACON___LESR 323632	19.81 0.68 -1.17	22.11 0.49 -9.52	21.96 0.41 -10.84	23.12 0.39 -12.75	26.86 0.06 -25.34	26.78 0.43 -14.81	75.46 -0.30 -83.21	43.35 0.84 -23.72	36.33 0.66 -19.94	21.44 0.64 0.00	22.58 0.69 -0.17	20.57 0.57 -1.08	20.78 0.58 0.00	18.81 0.53 0.00	15.79 0.50 0.00	18.56 0.54 0.00	21.78 0.65 0.00	31.46 1.19 -0.27	38.91 1.37 -3.63	31.16 1.14 0.00	25.78 0.93 0.00	22.72 0.80 -0.76	23.29 0.80 -1.81	20.69 0.77 -1.14
BEAVER RIVER___HYD 24048	17.73 -0.30 -0.08	12.40 -0.34 -0.64	11.14 -0.29 -0.73	10.70 -0.15 -0.86	3.13 -0.05 -1.71	12.22 -0.32 -1.00	-1.81 0.02 -5.61	20.10 -0.30 -1.60	16.84 -0.22 -1.35	20.47 -0.33 0.00	21.12 -0.60 -0.01	18.42 -0.58 -0.08	19.50 -0.70 0.00	17.48 -0.80 0.00	14.68 -0.61 0.00	17.38 -0.65 0.00	20.43 -0.71 0.00	29.17 -0.85 -0.02	33.20 -0.94 -0.24	19.02 -1.01 9.99	12.58 -0.83 11.43	9.63 -0.70 10.83	9.18 -0.81 10.68	8.66 -0.78 9.35
BEEBEE_GT_13 23619	17.84 -0.34 -0.22	13.71 -0.20 -1.82	12.59 -0.20 -2.08	12.23 -0.19 -2.44	6.30 -0.02 -4.85	14.17 -0.21 -2.84	8.72 0.22 -15.94	22.98 -0.37 -4.55	19.23 -0.31 -3.83	20.45 -0.35 0.00	21.37 -0.38 -0.03	18.68 -0.44 -0.21	19.79 -0.40 0.00	17.86 -0.42 0.00	14.87 -0.42 0.00	17.45 -0.57 0.00	20.54 -0.60 0.00	29.25 -0.81 -0.05	33.87 -0.71 -0.68	29.35 -0.67 0.00	24.26 -0.59 0.00	20.68 -0.62 -0.14	20.37 -0.65 -0.34	18.33 -0.67 -0.21
BENSHRST_27_KV_BENSHRST_1 355998	20.40 1.48 -0.95	20.82 0.97 -7.74	20.29 0.87 -8.72	21.07 0.83 -10.25	21.96 0.12 -20.37	24.43 0.99 -11.90	58.84 -0.62 -66.91	39.57 1.68 -19.09	33.22 1.44 -16.05	22.60 1.80 0.00	23.91 2.05 -0.14	21.68 1.89 -0.87	22.11 1.91 0.00	20.06 1.78 0.00	16.74 1.46 0.00	19.60 1.57 0.00	22.95 1.81 0.00	32.76 2.54 -0.22	39.75 2.91 -2.93	32.75 2.73 0.00	27.09 2.24 0.00	23.65 1.87 -0.61	23.97 1.83 -1.46	21.33 1.62 -0.92
BETHLEHEM___GRP 23843	19.43 0.30 -1.17	21.88 0.25 -9.54	21.78 0.22 -10.86	22.94 0.19 -12.77	26.87 0.03 -25.38	26.55 0.19 -14.83	75.75 -0.13 -83.33	42.97 0.42 -23.74	36.02 0.34 -19.96	21.20 0.40 0.00	22.37 0.48 -0.17	20.40 0.40 -1.08	20.57 0.37 0.00	18.63 0.35 0.00	15.65 0.36 0.00	18.37 0.34 0.00	21.55 0.41 0.00	30.85 0.58 -0.27	38.25 0.71 -3.64	30.53 0.51 0.00	25.31 0.47 0.00	22.34 0.42 -0.76	22.89 0.40 -1.81	20.36 0.43 -1.14
BETHLEHEM___GS1 323560	19.43 0.29 -1.17	21.88 0.24 -9.54	21.78 0.22 -10.86	22.94 0.19 -12.77	26.87 0.03 -25.38	26.56 0.19 -14.83	75.75 -0.13 -83.33	42.97 0.42 -23.74	36.02 0.34 -19.96	21.20 0.40 0.00	22.37 0.48 -0.17	20.40 0.40 -1.08	20.57 0.37 0.00	18.63 0.35 0.00	15.65 0.36 0.00	18.37 0.34 0.00	21.55 0.41 0.00	30.85 0.58 -0.27	38.25 0.72 -3.64	30.53 0.51 0.00	25.31 0.47 0.00	22.35 0.43 -0.76	22.88 0.39 -1.81	20.36 0.43 -1.14
BETHLEHEM___GS2 323561	19.43 0.29 -1.17	21.88 0.24 -9.54	21.78 0.22 -10.86	22.94 0.19 -12.77	26.87 0.03 -25.38	26.56 0.19 -14.83	75.75 -0.13 -83.33	42.97 0.42 -23.74	36.02 0.34 -19.96	21.20 0.40 0.00	22.37 0.48 -0.17	20.40 0.40 -1.08	20.57 0.37 0.00	18.63 0.35 0.00	15.65 0.36 0.00	18.37 0.34 0.00	21.55 0.41 0.00	30.85 0.58 -0.27	38.25 0.72 -3.64	30.53 0.51 0.00	25.31 0.47 0.00	22.35 0.43 -0.76	22.88 0.39 -1.81	20.36 0.43 -1.14
BETHLEHEM___GS3 323562	19.43 0.29 -1.17	21.88 0.24 -9.54	21.78 0.22 -10.86	22.94 0.19 -12.77	26.87 0.03 -25.38	26.56 0.19 -14.83	75.75 -0.13 -83.33	42.97 0.42 -23.74	36.02 0.34 -19.96	21.20 0.40 0.00	22.37 0.48 -0.17	20.40 0.40 -1.08	20.57 0.37 0.00	18.63 0.35 0.00	15.65 0.36 0.00	18.37 0.34 0.00	21.55 0.41 0.00	30.85 0.58 -0.27	38.25 0.72 -3.64	30.53 0.51 0.00	25.31 0.47 0.00	22.35 0.43 -0.76	22.88 0.39 -1.81	20.36 0.43 -1.14
BETHLEHEM___STEEL 23779	17.66 -0.56 -0.26	13.86 -0.35 -2.11	12.79 -0.34 -2.42	12.51 -0.32 -2.84	7.07 -0.04 -5.63	14.44 -0.38 -3.29	11.45 0.43 -18.47	23.32 -0.75 -5.27	19.50 -0.65 -4.43	20.12 -0.69 0.00	21.05 -0.70 -0.04	18.38 -0.78 -0.24	19.49 -0.70 0.00	17.56 -0.72 0.00	14.55 -0.73 0.00	16.97 -1.06 0.00	20.00 -1.14 0.00	28.54 -1.52 -0.06	33.20 -1.49 -0.79	28.71 -1.31 0.00	23.69 -1.16 0.00	20.15 -1.17 -0.16	19.95 -1.12 -0.39	17.95 -1.08 -0.25
BETHLHEM_115KV_TB1 79974	19.50 0.36 -1.17	21.91 0.29 -9.53	21.81 0.25 -10.85	22.96 0.22 -12.75	26.84 0.03 -25.35	26.58 0.24 -14.81	75.62 -0.16 -83.23	43.00 0.48 -23.72	36.06 0.39 -19.95	21.27 0.47 0.00	22.43 0.54 -0.17	20.45 0.46 -1.08	20.64 0.44 0.00	18.68 0.40 0.00	15.68 0.39 0.00	18.41 0.38 0.00	21.61 0.47 0.00	30.94 0.67 -0.27	38.35 0.81 -3.63	30.64 0.62 0.00	25.39 0.54 0.00	22.41 0.49 -0.76	22.95 0.47 -1.81	20.41 0.48 -1.14
BETHPAGE_CC_5 323564	20.45 1.53 -0.95	20.87 1.03 -7.74	20.32 0.90 -8.72	21.08 0.85 -10.24	21.95 0.12 -20.36	24.38 0.94 -11.90	58.83 -0.60 -66.88	39.47 1.58 -19.08	33.18 1.42 -16.05	22.53 1.73 0.00	23.89 2.04 -0.14	21.69 1.90 -0.87	22.13 1.94 0.00	20.00 1.72 0.00	16.69 1.41 0.00	19.49 1.46 0.00	22.88 1.74 0.00	32.89 2.67 -0.22	39.96 3.13 -2.93	32.78 2.76 0.00	27.04 2.19 0.00	23.57 1.79 -0.61	23.91 1.77 -1.46	21.35 1.64 -0.92
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	17.74 -0.48 -0.26	13.92 -0.30 -2.12	12.84 -0.29 -2.43	12.57 -0.28 -2.86	7.10 -0.03 -5.66	14.51 -0.34 -3.31	11.52 0.40 -18.57	23.43 -0.67 -5.30	19.60 -0.58 -4.46	20.21 -0.59 0.00	21.16 -0.60 -0.04	18.47 -0.69 -0.24	19.58 -0.61 0.00	17.64 -0.64 0.00	14.62 -0.67 0.00	17.05 -0.98 0.00	20.10 -1.03 0.00	28.69 -1.36 -0.06	33.36 -1.34 -0.79	28.85 -1.17 0.00	23.81 -1.04 0.00	20.25 -1.07 -0.17	20.04 -1.03 -0.39	18.03 -1.00 -0.25
BINGHAMTON___COGEN 23790	18.61 0.24 -0.40	15.51 0.15 -3.27	14.56 0.12 -3.74	14.51 0.12 -4.40	10.24 0.02 -8.75	16.80 0.15 -5.11	21.22 -0.07 -28.74	27.30 0.29 -8.20	22.83 0.21 -6.90	21.02 0.22 0.00	22.06 0.28 -0.06	19.47 0.17 -0.37	20.37 0.17 0.00	18.42 0.13 0.00	15.35 0.06 0.00	18.03 0.01 0.00	21.23 0.09 0.00	30.32 0.23 -0.09	35.37 0.25 -1.22	30.27 0.25 0.00	25.01 0.16 0.00	21.48 0.07 -0.26	21.38 0.10 -0.61	19.24 0.07 -0.39
BIXINCNT_115KV_LOAD 355685	17.88 -0.35 -0.27	14.04 -0.24 -2.19	12.98 -0.23 -2.50	12.71 -0.22 -2.94	7.25 -0.03 -5.82	14.55 -0.37 -3.39	11.98 0.38 -19.05	23.64 -0.59 -5.43	19.70 -0.59 -4.57	20.24 -0.56 0.00	21.35 -0.40 -0.04	18.58 -0.59 -0.25	19.58 -0.61 0.00	17.62 -0.65 0.00	14.55 -0.73 0.00	16.96 -1.06 0.00	20.22 -0.92 0.00	28.81 -1.25 -0.06	33.53 -1.19 -0.81	28.78 -1.24 0.00	23.81 -1.03 0.00	20.20 -1.13 -0.17	20.01 -1.07 -0.40	18.10 -0.94 -0.25

BLACK RIVER___HYD 24047	17.64 -0.43 -0.11	12.58 -0.40 -0.89	11.35 -0.37 -1.02	10.92 -0.26 -1.19	3.79 -0.05 -2.37	12.57 -0.36 -1.39	0.43 0.08 -7.79	20.71 -0.32 -2.22	17.32 -0.27 -1.87	20.41 -0.39 0.00	20.94 -0.79 -0.02	18.33 -0.70 -0.11	19.39 -0.80 0.00	17.33 -0.95 0.00	14.55 -0.74 0.00	17.23 -0.80 0.00	20.35 -0.79 0.00	29.11 -0.92 -0.02	33.29 -0.95 -0.34	22.10 -1.01 6.91	16.11 -0.83 7.91	12.99 -0.71 7.46	12.52 -0.85 7.31	11.54 -0.84 6.41
BLACKRVR_115KV_TB2 79977	17.64 -0.43 -0.11	12.58 -0.40 -0.89	11.35 -0.37 -1.02	10.92 -0.26 -1.19	3.79 -0.05 -2.37	12.57 -0.36 -1.39	0.43 0.08 -7.79	20.71 -0.32 -2.22	17.32 -0.27 -1.87	20.41 -0.39 0.00	20.94 -0.79 -0.02	18.32 -0.70 -0.11	19.39 -0.80 0.00	17.33 -0.95 0.00	14.54 -0.74 0.00	17.23 -0.80 0.00	20.35 -0.79 0.00	29.11 -0.92 -0.02	33.29 -0.95 -0.34	22.10 -1.01 6.91	16.11 -0.83 7.91	12.99 -0.71 7.46	12.53 -0.84 7.31	11.54 -0.84 6.41
BLISS_WT_PWR 323608	17.80 -0.43 -0.27	13.98 -0.30 -2.19	12.94 -0.27 -2.50	12.66 -0.27 -2.94	7.24 -0.04 -5.82	14.47 -0.45 -3.39	12.02 0.42 -19.05	23.52 -0.71 -5.43	19.58 -0.71 -4.57	20.12 -0.68 0.00	21.26 -0.49 -0.04	18.48 -0.69 -0.25	19.44 -0.75 0.00	17.50 -0.78 0.00	14.43 -0.86 0.00	16.82 -1.20 0.00	20.10 -1.03 0.00	28.62 -1.45 -0.06	33.35 -1.36 -0.81	28.55 -1.47 0.00	23.66 -1.19 0.00	20.05 -1.28 -0.17	19.87 -1.21 -0.40	17.98 -1.06 -0.25
BLUESTONE___WT_PWR 323821	19.11 0.74 -0.41	15.85 0.40 -3.36	14.90 0.36 -3.84	14.90 0.39 -4.52	10.52 0.07 -8.98	17.33 0.54 -5.25	21.76 -0.29 -29.50	27.90 0.68 -8.42	23.47 0.67 -7.08	21.59 0.78 0.00	22.54 0.77 -0.06	19.79 0.48 -0.38	20.50 0.30 0.00	18.35 0.07 0.00	15.30 0.01 0.00	18.05 0.03 0.00	21.35 0.21 0.00	30.57 0.47 -0.09	35.71 0.54 -1.26	30.45 0.43 0.00	25.25 0.41 0.00	21.59 0.17 -0.26	21.44 0.13 -0.63	19.18 0.00 -0.40
BLUE_CIRC_CHEM_DRP 24182	19.75 0.64 -1.15	21.90 0.46 -9.35	21.75 0.40 -10.65	22.88 0.37 -12.52	26.40 0.06 -24.88	26.50 0.43 -14.54	73.97 -0.28 -81.70	42.83 0.71 -23.32	35.93 0.60 -19.61	21.57 0.76 0.00	22.67 0.78 -0.17	20.64 0.66 -1.06	20.86 0.66 0.00	18.88 0.60 0.00	15.83 0.54 0.00	18.61 0.58 0.00	21.86 0.73 0.00	31.32 1.05 -0.26	38.71 1.23 -3.57	31.02 1.00 0.00	25.70 0.86 0.00	22.66 0.75 -0.75	23.17 0.72 -1.78	20.59 0.68 -1.12
BOC_GAS_DRP 24189	19.67 0.55 -1.17	21.95 0.38 -9.47	21.82 0.34 -10.78	22.97 0.31 -12.67	26.70 0.04 -25.19	26.62 0.36 -14.72	75.03 -0.24 -82.72	43.02 0.60 -23.62	36.10 0.52 -19.86	21.46 0.65 0.00	22.60 0.71 -0.17	20.61 0.61 -1.07	20.81 0.61 0.00	18.84 0.56 0.00	15.77 0.48 0.00	18.53 0.50 0.00	21.75 0.62 0.00	31.16 0.89 -0.27	38.57 1.05 -3.62	30.87 0.85 0.00	25.58 0.73 0.00	22.55 0.64 -0.76	23.11 0.63 -1.81	20.51 0.58 -1.14
BOONVILLE_115KV_TB1 79983	18.20 0.17 -0.07	12.70 0.05 -0.55	11.40 0.06 -0.63	10.84 0.11 -0.74	2.95 0.00 -1.48	12.43 0.03 -0.86	-2.74 -0.15 -4.86	20.40 0.21 -1.39	17.12 0.23 -1.17	21.00 0.20 0.00	21.78 0.06 -0.01	18.97 -0.01 -0.07	20.09 -0.10 0.00	18.12 -0.16 0.00	15.17 -0.12 0.00	17.92 -0.11 0.00	21.13 -0.01 0.00	30.19 0.18 -0.02	34.19 0.09 -0.20	27.82 0.08 2.28	22.14 -0.05 2.66	18.61 -0.04 2.50	18.19 -0.06 2.42	16.57 -0.10 2.11
BORALEX_4TH_BRANCH 23824	20.35 1.23 -1.16	22.39 0.88 -9.41	22.18 0.77 -10.71	23.30 0.72 -12.59	26.61 0.11 -25.03	26.96 0.80 -14.63	74.28 -0.47 -82.20	43.53 1.28 -23.45	36.43 0.99 -19.72	22.07 1.27 0.00	23.30 1.41 -0.17	21.12 1.14 -1.07	21.30 1.10 0.00	19.26 0.98 0.00	16.07 0.79 0.00	18.87 0.84 0.00	22.15 1.01 0.00	31.73 1.46 -0.27	39.30 1.78 -3.62	31.32 1.30 0.00	26.10 1.25 0.00	23.02 1.10 -0.76	23.54 1.06 -1.80	20.89 0.97 -1.14
BOWLINE___1 23526	19.76 0.93 -0.87	19.85 0.63 -7.11	19.77 0.64 -8.43	20.51 0.62 -9.90	21.24 0.09 -19.68	23.79 0.75 -11.50	56.67 -0.53 -64.64	38.59 1.34 -18.44	32.36 1.13 -15.51	22.16 1.36 0.00	23.42 1.56 -0.14	21.17 1.41 -0.84	21.62 1.42 0.00	19.57 1.29 0.00	16.34 1.06 0.00	19.17 1.14 0.00	22.50 1.36 0.00	32.22 2.01 -0.21	39.06 2.32 -2.83	32.02 2.00 0.00	26.47 1.63 0.00	23.12 1.36 -0.59	23.44 1.35 -1.41	20.88 1.21 -0.89
BOWLINE___2 23595	19.79 0.96 -0.87	19.87 0.65 -7.11	19.78 0.65 -8.43	20.51 0.62 -9.90	21.24 0.09 -19.68	23.79 0.75 -11.50	56.68 -0.53 -64.65	38.59 1.35 -18.45	32.36 1.13 -15.51	22.16 1.36 0.00	23.42 1.57 -0.14	21.17 1.41 -0.84	21.62 1.42 0.00	19.57 1.29 0.00	16.34 1.06 0.00	19.17 1.14 0.00	22.50 1.36 0.00	32.22 2.01 -0.21	39.06 2.33 -2.83	32.02 2.00 0.00	26.47 1.63 0.00	23.12 1.36 -0.59	23.44 1.35 -1.41	20.88 1.21 -0.89
BRADY___115KV_TB2 356060	17.99 0.02 -0.02	12.25 -0.01 -0.16	10.87 -0.01 -0.18	10.19 -0.01 -0.21	1.88 -0.01 -0.42	11.76 -0.03 -0.24	-6.11 -0.04 -1.38	19.16 -0.03 -0.39	16.03 -0.02 -0.33	20.74 -0.07 0.00	21.52 -0.19 0.00	18.77 -0.17 -0.02	20.09 -0.10 0.00	18.20 -0.08 0.00	15.27 -0.02 0.00	18.12 0.10 0.00	21.15 0.01 0.00	30.08 0.08 0.00	33.97 0.00 -0.06	-3.92 -0.02 33.92	-13.35 -0.03 38.17	-15.05 -0.05 36.16	-15.29 -0.08 35.88	-12.92 -0.04 31.66
BRANSCOMB___SOLAR 323811	19.98 0.82 -1.21	22.50 0.58 -9.82	22.43 0.54 -11.19	23.64 0.51 -13.15	27.69 0.08 -26.14	27.46 0.64 -15.27	77.95 -0.45 -85.84	44.46 1.17 -24.48	37.22 0.91 -20.59	21.94 1.14 0.00	23.08 1.19 -0.18	21.02 0.99 -1.11	21.15 0.96 0.00	19.11 0.83 0.00	15.98 0.70 0.00	18.78 0.76 0.00	22.15 1.02 0.00	31.75 1.47 -0.28	39.43 1.80 -3.73	31.35 1.33 0.00	26.02 1.17 0.00	22.96 1.02 -0.78	23.54 1.00 -1.86	20.86 0.90 -1.17
BRENTWOD_69_KV_W. BRTWOOD 56703	20.68 1.77 -0.95	21.04 1.20 -7.74	20.47 1.05 -8.72	21.23 1.00 -10.24	21.97 0.14 -20.36	24.52 1.08 -11.90	58.72 -0.71 -66.88	39.74 1.86 -19.08	33.42 1.65 -16.05	22.76 1.96 0.00	24.08 2.22 -0.14	21.87 2.08 -0.87	22.33 2.14 0.00	20.17 1.89 0.00	16.84 1.55 0.00	19.63 1.61 0.00	23.06 1.92 0.00	33.15 2.93 -0.22	40.30 3.47 -2.93	33.06 3.04 0.00	27.23 2.38 0.00	23.72 1.95 -0.61	24.06 1.93 -1.46	21.50 1.79 -0.92
BRISTLHL_115KV_TB1 79998	17.86 -0.27 -0.17	13.27 -0.19 -1.36	12.09 -0.17 -1.56	11.66 -0.16 -1.83	5.09 -0.02 -3.64	13.48 -0.19 -2.13	4.64 0.13 -11.96	21.92 -0.29 -3.41	18.36 -0.23 -2.87	20.46 -0.34 0.00	21.40 -0.34 -0.03	19.13 0.04 -0.17	20.21 0.02 0.00	18.26 -0.03 0.00	15.18 -0.11 0.00	17.65 -0.38 0.00	20.76 -0.37 0.00	29.56 -0.48 -0.04	33.88 -0.55 -0.53	29.54 -0.48 0.00	24.43 -0.42 0.00	20.92 -0.35 -0.11	20.59 -0.35 -0.26	18.59 -0.36 -0.16
BROOKHAVEN___DRP 24191	20.60 1.69 -0.95	21.00 1.16 -7.74	20.44 1.02 -8.72	21.20 0.97 -10.24	21.95 0.12 -20.36	24.40 0.97 -11.90	58.73 -0.70 -66.88	39.65 1.76 -19.08	33.39 1.62 -16.05	22.58 1.77 0.00	23.85 2.00 -0.14	21.69 1.91 -0.87	22.17 1.98 0.00	20.04 1.76 0.00	16.72 1.44 0.00	19.47 1.44 0.00	22.85 1.71 0.00	33.10 2.88 -0.22	40.13 3.29 -2.93	33.00 2.97 0.00	26.96 2.11 0.00	23.51 1.74 -0.61	23.92 1.78 -1.46	21.42 1.72 -0.92



BROOKLYN_NAVY_YARD 23515	20.21 1.30 -0.95	20.70 0.86 -7.74	20.17 0.75 -8.72	20.94 0.71 -10.25	21.94 0.10 -20.37	24.29 0.85 -11.90	58.89 -0.56 -66.90	39.37 1.48 -19.09	33.02 1.24 -16.05	22.37 1.57 0.00	23.67 1.82 -0.14	21.46 1.67 -0.87	21.89 1.69 0.00	19.84 1.56 0.00	16.57 1.28 0.00	19.39 1.37 0.00	22.70 1.57 0.00	32.42 2.20 -0.22	39.36 2.53 -2.93	32.26 2.24 0.00	26.69 1.84 0.00	23.31 1.54 -0.61	23.67 1.53 -1.46	21.08 1.37 -0.92
BROOKLYN___ARMY_DRP 323595	20.32 1.41 -0.95	20.77 0.92 -7.74	20.25 0.82 -8.72	21.03 0.79 -10.25	21.95 0.12 -20.37	24.38 0.94 -11.90	58.88 -0.58 -66.91	39.48 1.58 -19.09	33.13 1.36 -16.05	22.49 1.68 0.00	23.79 1.94 -0.14	21.58 1.79 -0.87	22.00 1.81 0.00	19.97 1.69 0.00	16.67 1.38 0.00	19.50 1.47 0.00	22.83 1.70 0.00	32.59 2.37 -0.22	39.55 2.72 -2.93	32.57 2.55 0.00	26.94 2.09 0.00	23.53 1.76 -0.61	23.86 1.73 -1.46	21.24 1.53 -0.92
BROOKVLE_69_KV_TB1 55790	20.52 1.61 -0.95	20.91 1.07 -7.74	20.36 0.94 -8.72	21.11 0.88 -10.24	21.96 0.13 -20.36	24.45 1.01 -11.90	58.78 -0.65 -66.88	39.62 1.73 -19.08	33.29 1.52 -16.05	22.67 1.87 0.00	24.00 2.15 -0.14	21.76 1.97 -0.87	22.21 2.02 0.00	20.09 1.81 0.00	16.78 1.49 0.00	19.61 1.58 0.00	23.01 1.87 0.00	33.03 2.81 -0.22	40.13 3.29 -2.93	32.91 2.89 0.00	27.17 2.33 0.00	23.69 1.92 -0.61	24.01 1.87 -1.46	21.40 1.69 -0.92
BROOME_2_LFGE 323671	18.61 0.25 -0.40	15.51 0.14 -3.27	14.56 0.12 -3.74	14.51 0.12 -4.40	10.24 0.02 -8.75	16.80 0.15 -5.11	21.22 -0.07 -28.74	27.30 0.29 -8.20	22.83 0.21 -6.90	21.02 0.22 0.00	22.06 0.28 -0.06	19.47 0.17 -0.37	20.37 0.17 0.00	18.42 0.13 0.00	15.35 0.06 0.00	18.03 0.00 0.00	21.23 0.09 0.00	30.32 0.22 -0.09	35.38 0.25 -1.22	30.27 0.25 0.00	25.01 0.16 0.00	21.48 0.06 -0.26	21.39 0.11 -0.61	19.23 0.07 -0.39
BROOME___LFGE 323600	18.61 0.25 -0.40	15.51 0.14 -3.27	14.56 0.12 -3.74	14.51 0.12 -4.40	10.24 0.02 -8.75	16.80 0.15 -5.11	21.22 -0.07 -28.74	27.30 0.29 -8.20	22.83 0.21 -6.90	21.02 0.22 0.00	22.06 0.28 -0.06	19.47 0.17 -0.37	20.37 0.17 0.00	18.42 0.13 0.00	15.35 0.06 0.00	18.03 0.00 0.00	21.23 0.09 0.00	30.32 0.22 -0.09	35.38 0.25 -1.22	30.27 0.25 0.00	25.01 0.16 0.00	21.48 0.06 -0.26	21.39 0.11 -0.61	19.23 0.07 -0.39
BROWNFLS_115KV_TB_3_5 80003	17.67 -0.34 -0.06	12.23 -0.32 -0.45	10.94 -0.27 -0.51	10.41 -0.18 -0.60	2.62 -0.04 -1.20	11.94 -0.30 -0.70	-3.46 0.05 -3.94	19.56 -0.36 -1.12	16.38 -0.28 -0.94	20.43 -0.37 0.00	21.14 -0.58 -0.01	18.43 -0.55 -0.05	19.59 -0.61 0.00	17.62 -0.66 0.00	14.81 -0.48 0.00	17.54 -0.49 0.00	20.54 -0.60 0.00	29.27 -0.74 -0.01	33.24 -0.83 -0.17	9.91 -0.92 19.19	2.21 -0.72 21.91	-0.28 -0.63 20.81	-0.66 -0.72 20.61	0.10 -0.66 18.02
BROWNSV1_27_KV_LOAD 356125	20.41 1.50 -0.95	20.83 0.99 -7.74	20.29 0.86 -8.72	21.04 0.80 -10.25	21.96 0.12 -20.37	24.39 0.95 -11.90	58.81 -0.64 -66.90	39.57 1.68 -19.09	33.20 1.42 -16.05	22.59 1.79 0.00	23.92 2.06 -0.14	21.67 1.88 -0.87	22.11 1.92 0.00	20.03 1.75 0.00	16.73 1.45 0.00	19.59 1.56 0.00	22.94 1.81 0.00	32.81 2.59 -0.22	39.79 2.96 -2.93	32.64 2.62 0.00	27.00 2.15 0.00	23.56 1.79 -0.61	23.92 1.79 -1.46	21.27 1.57 -0.92
BURROWS___LYONSDAL 23803	18.05 0.03 -0.07	12.59 -0.07 -0.57	11.31 -0.04 -0.65	10.80 0.04 -0.77	2.97 -0.02 -1.52	12.34 -0.08 -0.89	-2.55 -0.10 -5.00	20.27 0.04 -1.43	17.01 0.09 -1.20	20.84 0.04 0.00	21.58 -0.14 -0.01	18.80 -0.18 -0.07	19.90 -0.30 0.00	17.92 -0.36 0.00	15.01 -0.28 0.00	17.74 -0.28 0.00	20.90 -0.23 0.00	29.86 -0.16 -0.02	33.86 -0.26 -0.21	25.95 -0.27 3.80	20.15 -0.32 4.38	16.75 -0.27 4.14	16.33 -0.30 4.04	14.94 -0.31 3.53
CAITHNESS_CC_1 323624	20.57 1.66 -0.95	20.98 1.14 -7.74	20.42 1.00 -8.72	21.18 0.95 -10.24	21.95 0.12 -20.36	24.39 0.96 -11.90	58.76 -0.67 -66.88	39.60 1.72 -19.08	33.34 1.57 -16.05	22.56 1.75 0.00	23.84 1.98 -0.14	21.69 1.91 -0.87	22.16 1.97 0.00	20.03 1.75 0.00	16.71 1.43 0.00	19.46 1.44 0.00	22.83 1.70 0.00	33.00 2.78 -0.22	40.05 3.22 -2.93	32.89 2.87 0.00	26.94 2.09 0.00	23.49 1.72 -0.61	23.87 1.73 -1.46	21.39 1.68 -0.92
CALPINE BETH_PAGE_GT4 24209	20.43 1.52 -0.95	20.86 1.02 -7.74	20.31 0.89 -8.72	21.07 0.84 -10.24	21.95 0.12 -20.36	24.37 0.94 -11.90	58.84 -0.59 -66.88	39.46 1.57 -19.08	33.16 1.40 -16.05	22.50 1.69 0.00	23.83 1.98 -0.14	21.63 1.84 -0.87	22.07 1.87 0.00	19.95 1.67 0.00	16.66 1.37 0.00	19.45 1.43 0.00	22.83 1.69 0.00	32.82 2.61 -0.22	39.88 3.05 -2.93	32.71 2.69 0.00	26.98 2.13 0.00	23.52 1.75 -0.61	23.91 1.77 -1.46	21.33 1.62 -0.92
CALPINE_BETH_PAGE_GT_4 323586	20.43 1.52 -0.95	20.86 1.02 -7.74	20.31 0.89 -8.72	21.07 0.84 -10.24	21.95 0.12 -20.36	24.37 0.94 -11.90	58.84 -0.59 -66.88	39.46 1.57 -19.08	33.17 1.40 -16.05	22.50 1.69 0.00	23.83 1.98 -0.14	21.63 1.84 -0.87	22.07 1.87 0.00	19.95 1.67 0.00	16.66 1.37 0.00	19.45 1.43 0.00	22.83 1.70 0.00	32.82 2.61 -0.22	39.88 3.05 -2.93	32.71 2.69 0.00	26.98 2.14 0.00	23.52 1.75 -0.61	23.89 1.75 -1.46	21.33 1.62 -0.92
CALPINE_BP_GT1 23823	20.43 1.52 -0.95	20.86 1.02 -7.74	20.31 0.89 -8.72	21.07 0.84 -10.24	21.95 0.12 -20.36	24.37 0.94 -11.90	58.84 -0.59 -66.88	39.46 1.57 -19.08	33.17 1.40 -16.05	22.50 1.69 0.00	23.83 1.98 -0.14	21.63 1.84 -0.87	22.07 1.87 0.00	19.95 1.67 0.00	16.66 1.37 0.00	19.45 1.43 0.00	22.83 1.70 0.00	32.82 2.61 -0.22	39.88 3.05 -2.93	32.71 2.69 0.00	26.98 2.14 0.00	23.52 1.75 -0.61	23.89 1.75 -1.46	21.33 1.62 -0.92
CALSPAN___DRP 24200	17.66 -0.56 -0.26	13.86 -0.35 -2.11	12.79 -0.34 -2.42	12.51 -0.32 -2.84	7.07 -0.04 -5.63	14.44 -0.38 -3.29	11.45 0.43 -18.47	23.32 -0.75 -5.27	19.50 -0.65 -4.43	20.12 -0.69 0.00	21.05 -0.70 -0.04	18.38 -0.78 -0.24	19.49 -0.70 0.00	17.56 -0.72 0.00	14.55 -0.73 0.00	16.97 -1.06 0.00	20.00 -1.14 0.00	28.54 -1.52 -0.06	33.20 -1.49 -0.79	28.71 -1.31 0.00	23.69 -1.16 0.00	20.15 -1.17 -0.16	19.95 -1.12 -0.39	17.95 -1.08 -0.25
CALVERTON___SOLAR 323806	20.65 1.74 -0.95	21.03 1.19 -7.74	20.46 1.04 -8.72	21.23 1.00 -10.24	21.96 0.13 -20.36	24.43 0.99 -11.90	58.70 -0.74 -66.88	39.72 1.83 -19.08	33.46 1.69 -16.05	22.62 1.82 0.00	23.89 2.03 -0.14	21.72 1.93 -0.87	22.20 2.01 0.00	20.07 1.80 0.00	16.75 1.46 0.00	19.50 1.48 0.00	22.90 1.77 0.00	33.22 3.00 -0.22	40.26 3.43 -2.93	33.12 3.10 0.00	27.02 2.17 0.00	23.56 1.78 -0.61	23.95 1.81 -1.46	21.47 1.76 -0.92
CANDIGU_WT_PWR 323617	17.85 -0.42 -0.31	14.30 -0.34 -2.54	13.28 -0.34 -2.91	13.10 -0.30 -3.42	8.24 -0.04 -6.81	15.13 -0.39 -3.98	15.27 0.34 -22.38	24.60 -0.59 -6.38	20.47 -0.62 -5.37	20.04 -0.77 0.00	21.02 -0.74 -0.05	18.34 -0.87 -0.29	19.32 -0.88 0.00	17.43 -0.85 0.00	14.44 -0.85 0.00	16.92 -1.11 0.00	20.03 -1.11 0.00	28.63 -1.44 -0.07	33.37 -1.49 -0.95	28.64 -1.38 0.00	23.61 -1.24 0.00	20.15 -1.20 -0.20	20.03 -1.12 -0.47	18.04 -1.05 -0.30

CARR STREET_E__SYR 24060	18.08 -0.07 -0.19	13.59 -0.06 -1.55	12.42 -0.06 -1.77	12.02 -0.05 -2.08	5.60 -0.01 -4.14	13.91 -0.05 -2.42	6.19 0.05 -13.59	22.63 -0.05 -3.88	18.95 -0.03 -3.26	20.72 -0.08 0.00	21.64 -0.10 -0.03	18.98 -0.11 -0.18	20.05 -0.14 0.00	18.13 -0.15 0.00	15.12 -0.16 0.00	17.78 -0.25 0.00	20.91 -0.23 0.00	29.77 -0.27 -0.04	34.17 -0.30 -0.56	29.77 -0.25 0.00	24.60 -0.25 0.00	21.05 -0.22 -0.12	20.75 -0.21 -0.28	18.73 -0.24 -0.18
CARTHAGE__PAPER 23857	17.81 -0.25 -0.10	12.59 -0.30 -0.79	11.35 -0.26 -0.91	10.91 -0.14 -1.06	3.54 -0.04 -2.11	12.50 -0.28 -1.24	-0.50 0.00 -6.95	20.59 -0.19 -1.98	17.24 -0.14 -1.67	20.53 -0.27 0.00	21.10 -0.63 -0.02	18.42 -0.59 -0.10	19.51 -0.68 0.00	17.46 -0.82 0.00	14.66 -0.62 0.00	17.39 -0.64 0.00	20.49 -0.65 0.00	29.34 -0.68 -0.02	33.45 -0.75 -0.30	21.11 -0.81 8.10	14.88 -0.69 9.27	11.80 -0.59 8.76	11.36 -0.70 8.61	10.54 -0.69 7.55
CASSADAGA_WT_PWR 323784	17.53 -0.70 -0.27	13.85 -0.43 -2.18	12.80 -0.41 -2.50	12.56 -0.36 -2.94	7.23 -0.04 -5.80	14.50 -0.42 -3.38	11.97 0.40 -19.01	23.55 -0.68 -5.43	19.63 -0.65 -4.56	20.07 -0.73 0.00	21.13 -0.63 -0.04	18.45 -0.72 -0.25	19.51 -0.68 0.00	17.51 -0.76 0.00	14.51 -0.78 0.00	16.92 -1.10 0.00	19.91 -1.22 0.00	28.48 -1.58 -0.06	33.32 -1.39 -0.81	28.65 -1.37 0.00	23.59 -1.26 0.00	20.08 -1.25 -0.17	19.90 -1.18 -0.40	18.00 -1.04 -0.25
CE_DUNWOOD__DRP 24194	20.13 1.22 -0.95	20.64 0.81 -7.73	20.12 0.71 -8.70	20.88 0.67 -10.22	21.89 0.10 -20.32	24.21 0.80 -11.87	58.75 -0.54 -66.74	39.26 1.42 -19.04	32.92 1.18 -16.02	22.27 1.47 0.00	23.54 1.69 -0.14	21.32 1.53 -0.87	21.75 1.56 0.00	19.70 1.42 0.00	16.45 1.17 0.00	19.29 1.26 0.00	22.61 1.48 0.00	32.37 2.15 -0.22	39.31 2.48 -2.93	32.17 2.15 0.00	26.60 1.76 0.00	23.25 1.48 -0.61	23.60 1.47 -1.46	21.01 1.30 -0.92
CE_MILLWOOD__DRP 24193	20.09 1.18 -0.95	20.58 0.79 -7.69	20.06 0.69 -8.66	20.82 0.65 -10.18	21.80 0.10 -20.23	24.14 0.78 -11.82	58.47 -0.53 -66.45	39.15 1.39 -18.96	32.82 1.16 -15.94	22.23 1.43 0.00	23.50 1.64 -0.14	21.27 1.49 -0.86	21.70 1.51 0.00	19.65 1.37 0.00	16.42 1.13 0.00	19.24 1.22 0.00	22.57 1.43 0.00	32.31 2.10 -0.21	39.24 2.43 -2.91	32.12 2.10 0.00	26.56 1.72 0.00	23.21 1.44 -0.61	23.56 1.43 -1.45	20.97 1.27 -0.92
CE_NYC2_DRP 24202	20.29 1.38 -0.95	20.74 0.90 -7.74	20.21 0.79 -8.72	20.97 0.73 -10.25	21.95 0.11 -20.37	24.31 0.87 -11.90	58.90 -0.56 -66.91	39.40 1.51 -19.09	33.07 1.30 -16.05	22.42 1.62 0.00	23.71 1.85 -0.14	21.50 1.72 -0.87	21.93 1.74 0.00	19.90 1.62 0.00	16.63 1.34 0.00	19.45 1.42 0.00	22.75 1.62 0.00	32.50 2.28 -0.22	39.47 2.64 -2.93	32.38 2.36 0.00	26.77 1.93 0.00	23.40 1.62 -0.61	23.74 1.60 -1.46	21.13 1.42 -0.92
CE_NYC_DRP 24195	20.28 1.37 -0.95	20.74 0.90 -7.74	20.21 0.79 -8.72	20.97 0.73 -10.25	21.94 0.11 -20.37	24.31 0.86 -11.90	58.88 -0.57 -66.90	39.40 1.51 -19.09	33.05 1.28 -16.05	22.41 1.61 0.00	23.72 1.87 -0.14	21.51 1.72 -0.87	21.95 1.76 0.00	19.89 1.61 0.00	16.61 1.32 0.00	19.45 1.42 0.00	22.77 1.64 0.00	32.55 2.33 -0.22	39.49 2.66 -2.93	32.36 2.34 0.00	26.77 1.92 0.00	23.38 1.61 -0.61	23.75 1.61 -1.46	21.13 1.42 -0.92
CHAFFEE__LFGE 323603	17.75 -0.47 -0.27	13.95 -0.30 -2.15	12.87 -0.29 -2.46	12.61 -0.27 -2.89	7.16 -0.03 -5.72	14.55 -0.33 -3.34	11.69 0.38 -18.76	23.53 -0.63 -5.35	19.67 -0.55 -4.50	20.25 -0.55 0.00	21.18 -0.57 -0.04	18.48 -0.69 -0.24	19.58 -0.61 0.00	17.63 -0.64 0.00	14.62 -0.67 0.00	17.06 -0.97 0.00	20.10 -1.04 0.00	28.71 -1.35 -0.06	33.43 -1.28 -0.80	28.89 -1.13 0.00	23.86 -0.98 0.00	20.29 -1.03 -0.17	20.12 -0.96 -0.40	18.05 -0.99 -0.25
CHATEAUG_35_KV_LOAD 355732	17.70 -0.26 0.00	11.91 -0.19 0.00	10.55 -0.16 0.00	9.85 -0.13 0.00	1.45 -0.02 0.00	11.35 -0.19 0.00	-7.44 0.01 0.00	18.39 -0.42 0.00	15.38 -0.34 0.00	20.55 -0.25 0.00	21.29 -0.43 0.00	18.27 -0.65 0.00	19.58 -0.62 0.00	17.73 -0.56 0.00	14.83 -0.46 0.00	17.63 -0.39 0.00	20.61 -0.52 0.00	29.20 -0.80 0.00	32.98 -0.92 0.00	-15.63 -1.33 44.31	-20.36 -1.05 44.16	-20.16 -0.89 40.43	-20.30 -0.96 40.01	-20.59 -0.84 38.53
CHATEAUG_WT_PWR 323614	17.68 -0.28 0.00	11.89 -0.20 0.00	10.54 -0.17 0.00	9.84 -0.14 0.00	1.45 -0.02 0.00	11.34 -0.20 0.00	-7.42 0.03 0.00	18.35 -0.45 0.00	15.35 -0.37 0.00	20.51 -0.29 0.00	21.23 -0.49 0.00	18.20 -0.72 0.00	19.51 -0.68 0.00	17.67 -0.61 0.00	14.77 -0.51 0.00	17.56 -0.46 0.00	20.55 -0.59 0.00	29.10 -0.90 0.00	32.86 -1.04 0.00	-16.02 -1.54 44.50	-21.10 -1.22 44.72	-20.93 -1.03 41.06	-21.07 -1.10 40.65	-21.07 -0.98 38.88
CHAT_HIGH_FALL_HYD 323578	17.69 -0.26 0.00	11.91 -0.19 0.00	10.55 -0.16 0.00	9.85 -0.13 0.00	1.45 -0.02 0.00	11.35 -0.19 0.00	-7.43 0.02 0.00	18.39 -0.42 0.00	15.38 -0.34 0.00	20.55 -0.25 0.00	21.28 -0.43 0.00	18.27 -0.65 0.00	19.58 -0.62 0.00	17.73 -0.56 0.00	14.83 -0.46 0.00	17.63 -0.39 0.00	20.62 -0.52 0.00	29.20 -0.80 0.00	32.98 -0.92 0.00	-15.63 -1.33 44.31	-20.36 -1.05 44.16	-20.16 -0.89 40.43	-20.30 -0.97 40.01	-20.59 -0.85 38.53
CHAUTAUQUA__LFGE 323629	17.68 -0.54 -0.27	13.93 -0.33 -2.16	12.86 -0.32 -2.47	12.61 -0.29 -2.91	7.20 -0.03 -5.76	14.56 -0.34 -3.36	11.79 0.37 -18.87	23.60 -0.59 -5.38	19.69 -0.56 -4.53	20.18 -0.62 0.00	21.16 -0.59 -0.04	18.47 -0.69 -0.24	19.57 -0.62 0.00	17.61 -0.67 0.00	14.60 -0.69 0.00	17.04 -0.99 0.00	20.06 -1.08 0.00	28.66 -1.40 -0.06	33.39 -1.31 -0.80	28.83 -1.19 0.00	23.76 -1.08 0.00	20.22 -1.11 -0.17	20.05 -1.03 -0.40	18.06 -0.97 -0.25
CHERRYST_13_KV_LD 356241	20.33 1.41 -0.95	20.78 0.93 -7.74	20.24 0.82 -8.72	21.00 0.76 -10.25	21.95 0.11 -20.37	24.34 0.89 -11.90	58.85 -0.60 -66.90	39.46 1.57 -19.09	33.11 1.33 -16.05	22.49 1.69 0.00	23.81 1.95 -0.14	21.58 1.79 -0.87	22.02 1.83 0.00	19.96 1.68 0.00	16.67 1.38 0.00	19.51 1.49 0.00	22.85 1.71 0.00	32.65 2.44 -0.22	39.60 2.76 -2.93	32.46 2.44 0.00	26.84 2.00 0.00	23.44 1.67 -0.61	23.80 1.67 -1.46	21.18 1.47 -0.92
CHESTROR_138KV_BK263 355645	19.73 0.93 -0.85	19.63 0.62 -6.91	19.32 0.58 -8.04	19.98 0.55 -9.45	20.33 0.08 -18.78	23.18 0.67 -10.97	53.76 -0.47 -61.67	37.59 1.20 -17.60	31.51 1.00 -14.80	22.01 1.21 0.00	23.20 1.36 -0.13	20.93 1.21 -0.80	21.41 1.22 0.00	19.39 1.11 0.00	16.19 0.90 0.00	19.01 0.98 0.00	22.31 1.18 0.00	31.96 1.76 -0.20	38.65 2.05 -2.70	31.78 1.75 0.00	26.29 1.44 0.00	22.94 1.21 -0.56	23.22 1.20 -1.35	20.69 1.06 -0.85
CH_MIDHUDSON__DRP 24192	20.10 1.17 -0.97	20.76 0.78 -7.88	20.35 0.69 -8.96	21.16 0.64 -10.53	22.50 0.10 -20.93	24.54 0.77 -12.23	60.79 -0.52 -68.76	39.78 1.36 -19.62	33.35 1.13 -16.50	22.21 1.41 0.00	23.44 1.58 -0.14	21.22 1.41 -0.89	21.63 1.43 0.00	19.58 1.30 0.00	16.37 1.08 0.00	19.21 1.18 0.00	22.55 1.42 0.00	32.31 2.09 -0.22	39.34 2.45 -2.99	32.12 2.10 0.00	26.56 1.72 0.00	23.23 1.44 -0.63	23.59 1.42 -1.49	20.99 1.26 -0.94

CH_MISC_IPPS 23765	20.17 1.27 -0.94	20.60 0.85 -7.66	20.19 0.75 -8.74	20.97 0.71 -10.27	21.99 0.10 -20.41	24.33 0.86 -11.93	59.00 -0.59 -67.04	39.47 1.53 -19.13	33.09 1.28 -16.09	22.37 1.57 0.00	23.58 1.72 -0.14	21.31 1.52 -0.87	21.73 1.54 0.00	19.67 1.39 0.00	16.43 1.14 0.00	19.30 1.27 0.00	22.67 1.53 0.00	32.49 2.27 -0.22	39.49 2.65 -2.93	32.30 2.28 0.00	26.71 1.86 0.00	23.33 1.56 -0.61	23.66 1.52 -1.46	21.06 1.35 -0.92
CH_RES_BVR_FALLS 23983	17.49 -0.47 0.00	11.78 -0.32 0.00	10.42 -0.28 0.00	9.71 -0.28 0.00	1.42 -0.04 0.00	11.18 -0.36 0.00	-7.24 0.20 0.00	18.21 -0.59 0.00	15.18 -0.54 0.00	20.10 -0.70 0.00	21.01 -0.71 0.00	18.36 -0.56 0.00	19.61 -0.59 0.00	17.74 -0.54 0.00	14.85 -0.43 0.00	17.59 -0.44 0.00	20.54 -0.59 0.00	29.04 -0.96 0.00	32.75 -1.15 0.00	-27.19 -0.98 56.23	-38.67 -0.82 62.70	-38.76 -0.64 59.27	-38.77 -0.62 58.83	-34.00 -0.57 52.22
CH_RES_NIAGARA 23895	17.10 -1.11 -0.25	13.45 -0.67 -2.02	12.41 -0.61 -2.32	12.12 -0.58 -2.72	6.79 -0.08 -5.40	13.97 -0.72 -3.15	11.02 0.75 -17.72	22.33 -1.54 -5.06	18.68 -1.30 -4.25	19.34 -1.46 0.00	20.22 -1.53 -0.04	17.68 -1.47 -0.23	18.78 -1.41 0.00	16.92 -1.36 0.00	14.04 -1.24 0.00	16.33 -1.70 0.00	19.18 -1.96 0.00	27.31 -2.75 -0.06	31.83 -2.83 -0.75	27.51 -2.51 0.00	22.77 -2.08 0.00	19.39 -1.93 -0.16	19.25 -1.80 -0.38	17.29 -1.74 -0.24
CH_RES_SYRACUSE 23985	18.23 0.07 -0.21	13.81 0.04 -1.67	12.64 0.02 -1.92	12.26 0.02 -2.25	5.95 0.01 -4.48	14.20 0.04 -2.62	7.24 -0.02 -14.71	23.10 0.10 -4.20	19.35 0.10 -3.53	20.88 0.08 0.00	21.83 0.08 -0.03	19.26 0.15 -0.19	20.34 0.14 0.00	18.39 0.12 0.00	15.34 0.05 0.00	17.98 -0.05 0.00	21.01 -0.12 0.00	29.95 -0.09 -0.04	34.39 -0.11 -0.60	29.93 -0.09 0.00	24.72 -0.12 0.00	21.15 -0.13 -0.13	20.88 -0.09 -0.30	18.85 -0.12 -0.19
CLINTON_WT_PWR 323605	17.68 -0.28 0.00	11.89 -0.20 0.00	10.54 -0.17 0.00	9.84 -0.14 0.00	1.45 -0.02 0.00	11.34 -0.20 0.00	-7.42 0.03 0.00	18.35 -0.45 0.00	15.35 -0.37 0.00	20.51 -0.29 0.00	21.23 -0.49 0.00	18.20 -0.72 0.00	19.51 -0.68 0.00	17.67 -0.61 0.00	14.77 -0.51 0.00	17.56 -0.46 0.00	20.55 -0.59 0.00	29.10 -0.90 0.00	32.86 -1.04 0.00	-16.02 -1.54 44.50	-21.10 -1.22 44.72	-20.93 -1.03 41.06	-21.07 -1.10 40.65	-21.07 -0.98 38.88
CLINTON__LFGE 323618	17.92 -0.04 0.00	12.05 -0.05 0.00	10.67 -0.03 0.00	9.98 -0.01 0.00	1.47 0.00 0.00	11.46 -0.08 0.00	-7.50 -0.06 0.00	18.57 -0.23 0.00	15.53 -0.19 0.00	20.75 -0.05 0.00	21.45 -0.27 0.00	18.38 -0.54 0.00	19.71 -0.48 0.00	17.87 -0.41 0.00	14.93 -0.36 0.00	17.78 -0.25 0.00	20.85 -0.29 0.00	29.56 -0.44 0.00	33.41 -0.49 0.00	-15.51 -1.08 44.45	-20.57 -0.85 44.58	-20.44 -0.70 40.90	-20.61 -0.80 40.48	-20.73 -0.72 38.79
COBBLENY_34_KV_TB1 80064	17.74 -0.48 -0.27	13.94 -0.31 -2.15	12.86 -0.30 -2.46	12.60 -0.28 -2.89	7.16 -0.03 -5.72	14.55 -0.33 -3.34	11.70 0.39 -18.76	23.53 -0.62 -5.35	19.68 -0.54 -4.50	20.25 -0.55 0.00	21.18 -0.58 -0.04	18.48 -0.69 -0.24	19.58 -0.61 0.00	17.63 -0.64 0.00	14.62 -0.66 0.00	17.05 -0.97 0.00	20.11 -1.03 0.00	28.71 -1.35 -0.06	33.42 -1.28 -0.80	28.88 -1.14 0.00	23.86 -0.99 0.00	20.30 -1.03 -0.17	20.07 -1.00 -0.40	18.04 -1.00 -0.25
COFFEEN__115KV_TB3 355620	17.75 -0.31 -0.11	12.68 -0.33 -0.91	11.44 -0.30 -1.04	11.00 -0.20 -1.22	3.85 -0.04 -2.42	12.67 -0.28 -1.41	0.52 0.03 -7.94	20.90 -0.16 -2.27	17.49 -0.14 -1.91	20.51 -0.29 0.00	20.99 -0.74 -0.02	18.37 -0.67 -0.11	19.45 -0.74 0.00	17.38 -0.90 0.00	14.59 -0.70 0.00	17.28 -0.75 0.00	20.47 -0.67 0.00	29.35 -0.68 -0.03	33.57 -0.68 -0.34	22.59 -0.73 6.70	16.55 -0.63 7.67	13.37 -0.56 7.22	12.91 -0.69 7.08	11.87 -0.70 6.21
COLDSPRG_115KV_BK1 355956	18.35 0.12 -0.27	14.40 0.08 -2.22	13.27 0.03 -2.54	13.02 0.05 -2.98	7.37 0.02 -5.88	15.04 0.07 -3.42	11.86 0.08 -19.24	24.48 0.18 -5.49	20.41 0.07 -4.62	20.99 0.18 0.00	22.06 0.30 -0.04	19.27 0.10 -0.25	20.43 0.23 0.00	18.38 0.10 0.00	15.23 -0.06 0.00	17.79 -0.24 0.00	20.95 -0.19 0.00	29.93 -0.13 -0.06	34.76 0.04 -0.82	30.03 0.01 0.00	24.74 -0.11 0.00	21.04 -0.30 -0.17	20.84 -0.24 -0.41	18.81 -0.23 -0.26
COLONIE_LFGE__ 323577	19.87 0.72 -1.19	22.31 0.51 -9.70	22.20 0.46 -11.04	23.39 0.42 -12.98	27.33 0.07 -25.80	27.12 0.51 -15.08	76.95 -0.34 -84.74	43.86 0.89 -24.16	36.76 0.72 -20.32	21.68 0.88 0.00	22.86 0.96 -0.18	20.83 0.81 -1.10	20.99 0.80 0.00	18.98 0.71 0.00	15.89 0.60 0.00	18.67 0.64 0.00	21.97 0.84 0.00	31.50 1.23 -0.27	39.05 1.47 -3.68	31.12 1.10 0.00	25.84 0.99 0.00	22.80 0.87 -0.77	23.35 0.84 -1.84	20.71 0.77 -1.16
COOPERNY_115KV_TB1 80082	19.31 0.68 -0.67	18.03 0.46 -5.48	17.45 0.43 -6.31	17.81 0.40 -7.42	16.28 0.06 -14.75	20.66 0.50 -8.62	40.65 -0.34 -48.43	33.51 0.88 -13.82	28.09 0.75 -11.62	21.69 0.89 0.00	22.83 1.02 -0.10	20.46 0.91 -0.63	21.11 0.91 0.00	19.10 0.82 0.00	15.95 0.67 0.00	18.74 0.71 0.00	22.00 0.87 0.00	31.46 1.30 -0.16	37.52 1.50 -2.12	31.31 1.29 0.00	25.91 1.06 0.00	22.49 0.89 -0.44	22.61 0.88 -1.06	20.23 0.77 -0.67
COPENHAGEN_WT_PWR 323753	17.46 -0.61 -0.11	12.50 -0.53 -0.93	11.29 -0.49 -1.07	10.87 -0.38 -1.26	3.90 -0.06 -2.50	12.52 -0.48 -1.46	0.93 0.18 -8.20	20.61 -0.53 -2.34	17.25 -0.44 -1.97	20.27 -0.53 0.00	20.80 -0.93 -0.02	18.23 -0.81 -0.11	19.25 -0.95 0.00	17.21 -1.07 0.00	14.43 -0.85 0.00	17.09 -0.94 0.00	20.14 -1.00 0.00	28.75 -1.28 -0.03	32.91 -1.34 -0.35	22.32 -1.38 6.33	16.50 -1.11 7.24	13.40 -0.95 6.82	12.92 -1.09 6.67	11.89 -1.04 5.86
CORNELL____ 23752	18.74 0.47 -0.31	14.96 0.30 -2.56	13.88 0.25 -2.93	13.67 0.24 -3.44	8.35 0.04 -6.84	15.84 0.30 -4.00	14.85 -0.19 -22.49	25.75 0.53 -6.42	21.58 0.47 -5.40	21.27 0.47 0.00	22.17 0.41 -0.05	19.44 0.22 -0.29	20.38 0.19 0.00	18.42 0.14 0.00	15.36 0.08 0.00	18.10 0.07 0.00	21.42 0.29 0.00	30.66 0.59 -0.07	35.52 0.67 -0.94	30.66 0.64 0.00	25.30 0.45 0.00	21.65 0.30 -0.20	21.45 0.31 -0.47	19.30 0.22 -0.30
CORONAAV_69_KV_TB1 355595	20.50 1.59 -0.95	20.90 1.06 -7.74	20.34 0.92 -8.72	21.09 0.86 -10.24	21.95 0.12 -20.36	24.42 0.98 -11.90	58.81 -0.62 -66.88	39.52 1.63 -19.08	33.19 1.43 -16.05	22.57 1.77 0.00	23.89 2.04 -0.14	21.69 1.90 -0.87	22.13 1.93 0.00	20.00 1.72 0.00	16.71 1.43 0.00	19.53 1.50 0.00	22.89 1.76 0.00	32.89 2.67 -0.22	39.95 3.11 -2.93	32.79 2.77 0.00	27.05 2.20 0.00	23.59 1.82 -0.61	23.96 1.82 -1.46	21.36 1.65 -0.92
CORTLAND_115KV_TB3 80093	18.54 0.31 -0.27	14.49 0.20 -2.20	13.38 0.16 -2.52	13.10 0.16 -2.95	7.37 0.03 -5.88	15.17 0.20 -3.43	11.72 -0.13 -19.30	24.70 0.39 -5.51	20.68 0.33 -4.63	21.14 0.33 0.00	22.06 0.30 -0.04	19.35 0.18 -0.25	20.34 0.15 0.00	18.39 0.11 0.00	15.34 0.06 0.00	18.05 0.03 0.00	21.31 0.18 0.00	30.44 0.38 -0.06	35.12 0.42 -0.81	30.41 0.39 0.00	25.10 0.26 0.00	21.50 0.18 -0.17	21.26 0.18 -0.40	19.15 0.11 -0.25

COXSACKIE___GT 23611	20.31 1.25 -1.11	21.92 0.84 -8.98	21.67 0.73 -10.23	22.70 0.68 -12.03	25.49 0.11 -23.91	26.36 0.85 -13.97	70.49 -0.59 -78.53	42.82 1.62 -22.40	35.87 1.31 -18.84	22.44 1.64 0.00	23.15 1.28 -0.16	20.86 0.92 -1.02	21.12 0.92 0.00	19.14 0.86 0.00	16.05 0.76 0.00	19.01 0.98 0.00	22.50 1.36 0.00	32.51 2.26 -0.25	40.16 2.82 -3.44	32.37 2.35 0.00	26.79 1.95 0.00	23.51 1.63 -0.72	23.89 1.51 -1.71	21.24 1.37 -1.08
CPV_VALLEY___CC1 323721	19.51 0.76 -0.79	19.02 0.52 -6.41	18.60 0.48 -7.41	19.16 0.46 -8.72	18.86 0.07 -17.32	22.22 0.56 -10.12	49.05 -0.39 -56.88	36.03 1.00 -16.23	30.21 0.84 -13.65	21.81 1.01 0.00	23.00 1.16 -0.12	20.71 1.05 -0.74	21.24 1.05 0.00	19.23 0.95 0.00	16.07 0.78 0.00	18.86 0.83 0.00	22.14 1.00 0.00	31.67 1.48 -0.18	38.11 1.71 -2.49	31.49 1.47 0.00	26.04 1.19 0.00	22.69 1.01 -0.52	22.92 1.00 -1.24	20.46 0.89 -0.78
CPV_VALLEY___CC2 323722	19.51 0.76 -0.79	19.02 0.52 -6.41	18.60 0.48 -7.41	19.16 0.46 -8.72	18.86 0.07 -17.32	22.22 0.56 -10.12	49.05 -0.39 -56.88	36.03 1.00 -16.23	30.21 0.84 -13.65	21.81 1.01 0.00	23.00 1.16 -0.12	20.71 1.05 -0.74	21.24 1.05 0.00	19.23 0.95 0.00	16.07 0.78 0.00	18.86 0.83 0.00	22.14 1.00 0.00	31.67 1.48 -0.18	38.11 1.71 -2.49	31.49 1.47 0.00	26.04 1.19 0.00	22.69 1.01 -0.52	22.92 1.00 -1.24	20.46 0.89 -0.78
CRESCENT___HYD 24018	19.87 0.72 -1.19	22.31 0.51 -9.70	22.20 0.46 -11.04	23.39 0.42 -12.98	27.33 0.07 -25.80	27.12 0.51 -15.08	76.95 -0.34 -84.74	43.86 0.89 -24.16	36.76 0.72 -20.32	21.68 0.88 0.00	22.86 0.96 -0.18	20.83 0.81 -1.10	20.99 0.80 0.00	18.98 0.71 0.00	15.89 0.60 0.00	18.67 0.64 0.00	21.97 0.84 0.00	31.50 1.23 -0.27	39.05 1.47 -3.68	31.12 1.10 0.00	25.84 0.99 0.00	22.80 0.87 -0.77	23.35 0.84 -1.84	20.71 0.77 -1.16
CRICKET___VALLEY_CC1 323756	20.05 1.10 -1.00	20.97 0.74 -8.12	20.56 0.65 -9.21	21.42 0.61 -10.82	23.07 0.09 -21.51	24.84 0.73 -12.57	62.72 -0.48 -70.65	40.23 1.27 -20.16	33.70 1.03 -16.95	22.11 1.31 0.00	23.35 1.49 -0.15	21.16 1.32 -0.92	21.54 1.34 0.00	19.50 1.22 0.00	16.29 1.01 0.00	19.12 1.10 0.00	22.45 1.31 0.00	32.12 1.89 -0.23	39.28 2.28 -3.10	31.89 1.87 0.00	26.41 1.56 0.00	23.15 1.34 -0.65	23.51 1.29 -1.55	20.93 1.17 -0.97
CRICKET___VALLEY_CC2 323757	20.05 1.10 -1.00	20.97 0.74 -8.12	20.56 0.65 -9.21	21.42 0.61 -10.82	23.07 0.09 -21.51	24.84 0.73 -12.57	62.72 -0.48 -70.65	40.23 1.27 -20.16	33.70 1.03 -16.95	22.11 1.31 0.00	23.35 1.49 -0.15	21.16 1.32 -0.92	21.54 1.34 0.00	19.50 1.22 0.00	16.29 1.01 0.00	19.12 1.10 0.00	22.45 1.31 0.00	32.12 1.89 -0.23	39.28 2.28 -3.10	31.89 1.87 0.00	26.41 1.56 0.00	23.15 1.34 -0.65	23.51 1.29 -1.55	20.93 1.17 -0.97
CRICKET___VALLEY_CC3 323758	20.05 1.10 -1.00	20.97 0.74 -8.12	20.56 0.65 -9.21	21.42 0.61 -10.82	23.07 0.09 -21.51	24.84 0.73 -12.57	62.72 -0.48 -70.65	40.23 1.27 -20.16	33.70 1.03 -16.95	22.11 1.31 0.00	23.35 1.49 -0.15	21.16 1.32 -0.92	21.54 1.34 0.00	19.50 1.22 0.00	16.29 1.01 0.00	19.12 1.10 0.00	22.45 1.31 0.00	32.12 1.89 -0.23	39.28 2.28 -3.10	31.89 1.87 0.00	26.41 1.56 0.00	23.15 1.34 -0.65	23.51 1.29 -1.55	20.93 1.17 -0.97
CRUCIBLE_METL_DRP 24180	18.23 0.07 -0.21	13.81 0.04 -1.67	12.64 0.02 -1.92	12.26 0.02 -2.25	5.95 0.01 -4.48	14.20 0.04 -2.62	7.24 -0.02 -14.71	23.10 0.10 -4.20	19.36 0.11 -3.53	20.88 0.08 0.00	21.83 0.08 -0.03	19.26 0.15 -0.19	20.34 0.15 0.00	18.39 0.12 0.00	15.34 0.05 0.00	17.97 -0.05 0.00	21.01 -0.12 0.00	29.95 -0.09 -0.04	34.39 -0.11 -0.60	29.93 -0.09 0.00	24.72 -0.12 0.00	21.15 -0.13 -0.13	20.87 -0.10 -0.30	18.85 -0.12 -0.19
DAHOWA___HYDRO 323763	20.01 0.84 -1.21	22.54 0.60 -9.84	22.47 0.56 -11.21	23.69 0.53 -13.18	27.74 0.09 -26.19	27.53 0.69 -15.30	78.09 -0.48 -86.01	44.59 1.26 -24.53	37.33 0.98 -20.63	22.01 1.21 0.00	23.14 1.25 -0.18	21.07 1.03 -1.12	21.18 0.98 0.00	19.13 0.85 0.00	16.00 0.71 0.00	18.80 0.77 0.00	22.19 1.05 0.00	31.79 1.51 -0.28	39.51 1.86 -3.74	31.38 1.36 0.00	26.04 1.19 0.00	22.98 1.04 -0.78	23.58 1.04 -1.87	20.88 0.92 -1.18
DANC___LFGE 323619	17.62 -0.47 -0.13	12.81 -0.39 -1.10	11.60 -0.36 -1.26	11.18 -0.29 -1.48	4.36 -0.05 -2.94	12.90 -0.36 -1.72	2.36 0.15 -9.66	21.14 -0.41 -2.75	17.69 -0.35 -2.32	20.34 -0.46 0.00	21.02 -0.72 -0.02	18.52 -0.54 -0.13	19.56 -0.64 0.00	17.56 -0.72 0.00	14.67 -0.62 0.00	17.28 -0.75 0.00	20.35 -0.78 0.00	29.03 -1.00 -0.03	33.28 -1.04 -0.42	24.70 -1.05 4.27	19.11 -0.84 4.89	15.88 -0.71 4.57	15.47 -0.79 4.42	14.12 -0.76 3.90
DANSKAMMER___1 23586	20.17 1.27 -0.94	20.60 0.85 -7.66	20.19 0.75 -8.74	20.97 0.71 -10.27	21.99 0.10 -20.41	24.33 0.86 -11.93	59.00 -0.59 -67.04	39.47 1.53 -19.13	33.09 1.28 -16.09	22.37 1.57 0.00	23.58 1.72 -0.14	21.31 1.52 -0.87	21.73 1.54 0.00	19.67 1.39 0.00	16.43 1.14 0.00	19.30 1.27 0.00	22.67 1.53 0.00	32.49 2.27 -0.22	39.49 2.65 -2.93	32.30 2.28 0.00	26.71 1.86 0.00	23.33 1.56 -0.61	23.66 1.52 -1.46	21.06 1.35 -0.92
DANSKAMMER___2 23589	20.17 1.27 -0.94	20.60 0.85 -7.66	20.19 0.75 -8.74	20.97 0.71 -10.27	21.99 0.10 -20.41	24.33 0.86 -11.93	59.00 -0.59 -67.04	39.47 1.53 -19.13	33.09 1.28 -16.09	22.37 1.57 0.00	23.58 1.72 -0.14	21.31 1.52 -0.87	21.73 1.54 0.00	19.67 1.39 0.00	16.43 1.14 0.00	19.30 1.27 0.00	22.67 1.53 0.00	32.49 2.27 -0.22	39.49 2.65 -2.93	32.30 2.28 0.00	26.71 1.86 0.00	23.33 1.56 -0.61	23.66 1.52 -1.46	21.06 1.35 -0.92
DANSKAMMER___3 23590	20.17 1.27 -0.94	20.60 0.85 -7.66	20.19 0.75 -8.74	20.97 0.71 -10.27	21.99 0.10 -20.41	24.33 0.86 -11.93	59.00 -0.59 -67.04	39.47 1.53 -19.13	33.09 1.28 -16.09	22.37 1.57 0.00	23.58 1.72 -0.14	21.31 1.52 -0.87	21.73 1.54 0.00	19.67 1.39 0.00	16.43 1.14 0.00	19.30 1.27 0.00	22.67 1.53 0.00	32.49 2.27 -0.22	39.49 2.65 -2.93	32.30 2.28 0.00	26.71 1.86 0.00	23.33 1.56 -0.61	23.66 1.52 -1.46	21.06 1.35 -0.92
DANSKAMMER___4 23591	20.17 1.27 -0.94	20.60 0.85 -7.66	20.19 0.75 -8.74	20.97 0.71 -10.27	21.99 0.10 -20.41	24.33 0.86 -11.93	59.00 -0.59 -67.04	39.47 1.53 -19.13	33.09 1.28 -16.09	22.37 1.57 0.00	23.58 1.72 -0.14	21.31 1.52 -0.87	21.73 1.54 0.00	19.67 1.39 0.00	16.43 1.14 0.00	19.30 1.27 0.00	22.67 1.53 0.00	32.49 2.27 -0.22	39.49 2.65 -2.93	32.30 2.28 0.00	26.71 1.86 0.00	23.33 1.56 -0.61	23.66 1.52 -1.46	21.06 1.35 -0.92
DANSKAMMER___DIESEL 23592	20.17 1.27 -0.94	20.60 0.85 -7.66	20.20 0.76 -8.74	20.97 0.71 -10.27	21.99 0.10 -20.41	24.33 0.86 -11.93	59.00 -0.59 -67.04	39.47 1.53 -19.13	33.09 1.28 -16.09	22.37 1.57 0.00	23.58 1.72 -0.14	21.31 1.52 -0.87	21.73 1.54 0.00	19.67 1.39 0.00	16.43 1.14 0.00	19.30 1.27 0.00	22.67 1.53 0.00	32.49 2.27 -0.22	39.48 2.65 -2.93	32.30 2.28 0.00	26.70 1.86 0.00	23.33 1.56 -0.61	23.67 1.53 -1.46	21.06 1.35 -0.92

DARBY___SOLAR 323810	19.97 0.80 -1.21	22.50 0.57 -9.82	22.43 0.54 -11.19	23.64 0.50 -13.15	27.69 0.08 -26.14	27.46 0.64 -15.27	77.95 -0.45 -85.85	44.46 1.17 -24.49	37.22 0.91 -20.59	21.95 1.14 0.00	23.08 1.19 -0.18	21.02 0.99 -1.11	21.15 0.96 0.00	19.11 0.83 0.00	15.98 0.70 0.00	18.78 0.75 0.00	22.15 1.02 0.00	31.73 1.46 -0.28	39.43 1.80 -3.73	31.33 1.31 0.00	26.01 1.16 0.00	22.95 1.01 -0.78	23.54 1.00 -1.86	20.85 0.89 -1.17
DASHVILLE___HYD 23610	20.07 1.14 -0.97	20.68 0.72 -7.87	20.34 0.64 -8.99	21.16 0.61 -10.56	22.55 0.09 -20.99	24.54 0.73 -12.27	61.00 -0.50 -68.95	39.79 1.32 -19.67	33.39 1.13 -16.54	22.19 1.39 0.00	23.41 1.54 -0.14	21.19 1.37 -0.89	21.58 1.38 0.00	19.52 1.24 0.00	16.30 1.02 0.00	19.12 1.09 0.00	22.43 1.30 0.00	32.23 2.00 -0.22	39.18 2.26 -3.02	32.05 2.03 0.00	26.44 1.60 0.00	23.10 1.31 -0.63	23.53 1.35 -1.51	20.91 1.18 -0.95
DEERFIELD_69_KV_DEERFIELD LD 355887	21.02 2.11 -0.95	21.28 1.44 -7.74	20.68 1.27 -8.72	21.44 1.21 -10.24	22.00 0.16 -20.36	24.73 1.29 -11.90	58.50 -0.93 -66.88	40.25 2.36 -19.08	33.85 2.08 -16.05	23.17 2.38 0.00	24.46 2.61 -0.14	22.20 2.41 -0.87	22.70 2.51 0.00	20.52 2.25 0.00	17.14 1.85 0.00	19.96 1.94 0.00	23.47 2.34 0.00	33.96 3.74 -0.22	41.29 4.45 -2.93	33.89 3.87 0.00	27.74 2.89 0.00	24.14 2.37 -0.61	24.43 2.30 -1.46	21.87 2.16 -0.92
DELAWARE___LFGE 323621	19.03 0.61 -0.47	16.31 0.40 -3.82	15.42 0.35 -4.37	15.45 0.33 -5.13	11.72 0.05 -10.20	17.92 0.41 -5.96	25.80 -0.27 -33.52	29.08 0.71 -9.56	24.39 0.62 -8.04	21.57 0.76 0.00	22.61 0.83 -0.07	20.06 0.70 -0.44	20.89 0.69 0.00	18.89 0.61 0.00	15.77 0.48 0.00	18.52 0.49 0.00	21.77 0.64 0.00	31.10 0.99 -0.11	36.47 1.12 -1.45	31.04 1.02 0.00	25.66 0.82 0.00	22.11 0.65 -0.30	22.05 0.65 -0.72	19.79 0.55 -0.45
DERFIELD_115KV_TB7 355931	18.05 0.07 -0.03	12.36 0.05 -0.22	10.99 0.04 -0.24	10.31 0.04 -0.29	2.05 0.01 -0.58	11.92 0.04 -0.34	-5.61 -0.04 -1.88	19.44 0.10 -0.54	16.26 0.09 -0.45	20.89 0.09 0.00	21.80 0.08 0.00	19.00 0.06 -0.03	20.23 0.04 0.00	18.31 0.04 0.00	15.31 0.03 0.00	18.07 0.04 0.00	21.21 0.08 0.00	30.13 0.12 -0.01	34.14 0.15 -0.08	32.30 0.12 -2.16	27.36 0.10 -2.41	23.54 0.09 -2.29	23.06 0.08 -2.30	20.88 0.06 -2.03
DOGLEVILLE___HYD 23807	18.57 0.59 -0.03	12.72 0.40 -0.22	11.31 0.36 -0.24	10.62 0.35 -0.29	2.08 0.04 -0.58	12.22 0.34 -0.34	-5.91 0.71 -1.88	20.05 0.34 -0.54	16.83 0.66 -0.45	21.22 0.42 0.00	22.04 0.32 0.00	19.12 0.17 -0.03	20.21 0.01 0.00	18.25 -0.03 0.00	15.26 -0.02 0.00	18.07 0.04 0.00	21.37 0.24 0.00	30.96 0.95 -0.01	34.89 0.91 -0.08	33.05 0.87 -2.16	27.78 0.52 -2.41	23.94 0.48 -2.29	23.52 0.55 -2.30	21.23 0.42 -2.03
DUNKIRK___115KV_TB_200 55889	17.70 -0.52 -0.27	13.93 -0.32 -2.16	12.87 -0.31 -2.47	12.61 -0.28 -2.91	7.19 -0.03 -5.75	14.57 -0.33 -3.36	11.78 0.37 -18.86	23.61 -0.58 -5.38	19.70 -0.54 -4.53	20.19 -0.61 0.00	21.17 -0.58 -0.04	18.48 -0.68 -0.24	19.58 -0.61 0.00	17.63 -0.65 0.00	14.61 -0.68 0.00	17.05 -0.98 0.00	20.08 -1.06 0.00	28.68 -1.38 -0.06	33.41 -1.30 -0.80	28.85 -1.17 0.00	23.79 -1.06 0.00	20.25 -1.08 -0.17	20.04 -1.03 -0.40	18.07 -0.97 -0.25
DUNKIRK___1 23563	17.70 -0.52 -0.27	13.93 -0.32 -2.16	12.87 -0.31 -2.47	12.61 -0.28 -2.91	7.19 -0.03 -5.75	14.57 -0.33 -3.36	11.78 0.37 -18.86	23.61 -0.58 -5.38	19.70 -0.54 -4.53	20.19 -0.61 0.00	21.17 -0.58 -0.04	18.48 -0.68 -0.24	19.58 -0.61 0.00	17.63 -0.65 0.00	14.61 -0.68 0.00	17.05 -0.98 0.00	20.08 -1.06 0.00	28.68 -1.38 -0.06	33.41 -1.30 -0.80	28.85 -1.17 0.00	23.79 -1.06 0.00	20.25 -1.08 -0.17	20.04 -1.03 -0.40	18.07 -0.97 -0.25
DUNKIRK___2 23564	17.70 -0.52 -0.27	13.93 -0.32 -2.16	12.87 -0.31 -2.47	12.61 -0.28 -2.91	7.19 -0.03 -5.75	14.57 -0.33 -3.36	11.78 0.37 -18.86	23.61 -0.58 -5.38	19.70 -0.54 -4.53	20.19 -0.61 0.00	21.17 -0.58 -0.04	18.48 -0.68 -0.24	19.58 -0.61 0.00	17.63 -0.65 0.00	14.61 -0.68 0.00	17.05 -0.98 0.00	20.08 -1.06 0.00	28.68 -1.38 -0.06	33.41 -1.30 -0.80	28.85 -1.17 0.00	23.79 -1.06 0.00	20.25 -1.08 -0.17	20.04 -1.03 -0.40	18.07 -0.97 -0.25
DUNKIRK___3 23565	17.76 -0.46 -0.27	13.97 -0.29 -2.16	12.89 -0.29 -2.47	12.64 -0.26 -2.91	7.21 -0.02 -5.76	14.61 -0.29 -3.36	11.80 0.35 -18.89	23.67 -0.52 -5.39	19.73 -0.53 -4.53	20.22 -0.58 0.00	21.22 -0.53 -0.04	18.54 -0.63 -0.24	19.65 -0.55 0.00	17.70 -0.58 0.00	14.67 -0.62 0.00	17.12 -0.90 0.00	20.16 -0.97 0.00	28.78 -1.28 -0.06	33.48 -1.23 -0.80	28.92 -1.10 0.00	23.86 -0.99 0.00	20.31 -1.02 -0.17	20.12 -0.96 -0.40	18.14 -0.90 -0.25
DUNKIRK___4 23566	17.70 -0.52 -0.26	13.91 -0.32 -2.14	12.83 -0.31 -2.44	12.57 -0.29 -2.87	7.13 -0.03 -5.69	14.53 -0.33 -3.32	11.59 0.39 -18.66	23.51 -0.61 -5.32	19.63 -0.57 -4.48	20.19 -0.62 0.00	21.16 -0.59 -0.04	18.47 -0.69 -0.24	19.58 -0.61 0.00	17.63 -0.65 0.00	14.61 -0.68 0.00	17.05 -0.98 0.00	20.08 -1.05 0.00	28.67 -1.39 -0.06	33.37 -1.33 -0.79	28.83 -1.20 0.00	23.78 -1.06 0.00	20.24 -1.09 -0.17	20.03 -1.03 -0.39	18.05 -0.98 -0.25
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	20.17 1.26 -0.95	20.68 0.84 -7.74	20.16 0.73 -8.72	20.92 0.68 -10.25	21.94 0.10 -20.37	24.26 0.82 -11.90	58.91 -0.55 -66.90	39.33 1.44 -19.09	32.99 1.21 -16.05	22.31 1.51 0.00	23.60 1.74 -0.14	21.38 1.59 -0.87	21.81 1.61 0.00	19.75 1.47 0.00	16.50 1.21 0.00	19.33 1.31 0.00	22.66 1.53 0.00	32.43 2.22 -0.22	39.38 2.55 -2.93	32.24 2.22 0.00	26.67 1.82 0.00	23.30 1.52 -0.61	23.66 1.52 -1.46	21.05 1.35 -0.92
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	19.97 1.10 -0.91	20.22 0.73 -7.39	19.85 0.67 -8.48	20.59 0.63 -9.96	21.37 0.09 -19.81	23.88 0.77 -11.57	57.07 -0.53 -65.05	38.75 1.38 -18.56	32.48 1.15 -15.61	22.20 1.40 0.00	23.37 1.52 -0.14	21.10 1.34 -0.84	21.55 1.35 0.00	19.50 1.22 0.00	16.28 1.00 0.00	19.12 1.10 0.00	22.46 1.33 0.00	32.20 1.99 -0.21	39.05 2.31 -2.84	32.02 2.00 0.00	26.47 1.62 0.00	23.11 1.36 -0.59	23.44 1.35 -1.41	20.87 1.19 -0.89
E179THST_138_KV_TB4_REV_LBMP_J 345001	20.28 1.37 -0.95	20.73 0.89 -7.74	20.21 0.79 -8.72	20.98 0.74 -10.25	21.95 0.11 -20.37	24.31 0.87 -11.90	58.91 -0.54 -66.91	39.38 1.48 -19.09	33.05 1.28 -16.05	22.38 1.58 0.00	23.66 1.81 -0.14	21.47 1.69 -0.87	21.89 1.69 0.00	19.86 1.58 0.00	16.57 1.29 0.00	19.40 1.37 0.00	22.70 1.57 0.00	32.40 2.19 -0.22	39.43 2.60 -2.93	32.32 2.30 0.00	26.73 1.88 0.00	23.38 1.60 -0.61	23.71 1.57 -1.46	21.11 1.41 -0.92
E179THST_13_KV_LOAD 356214	20.36 1.45 -0.95	20.78 0.94 -7.74	20.25 0.83 -8.72	21.02 0.78 -10.25	21.96 0.12 -20.37	24.36 0.91 -11.90	58.88 -0.57 -66.91	39.46 1.57 -19.09	33.12 1.35 -16.05	22.48 1.68 0.00	23.76 1.91 -0.14	21.56 1.77 -0.87	21.98 1.79 0.00	19.94 1.66 0.00	16.65 1.36 0.00	19.47 1.45 0.00	22.80 1.67 0.00	32.55 2.33 -0.22	39.60 2.76 -2.93	32.46 2.44 0.00	26.84 2.00 0.00	23.47 1.70 -0.61	23.80 1.67 -1.46	21.20 1.49 -0.92

EAST HAMPTON___GT 23717	21.19 2.27 -0.95	21.40 1.56 -7.74	20.78 1.36 -8.72	21.53 1.30 -10.24	22.01 0.18 -20.36	24.85 1.41 -11.90	58.41 -1.02 -66.88	40.46 2.57 -19.08	34.05 2.28 -16.05	23.42 2.61 0.00	24.71 2.86 -0.14	22.41 2.62 -0.87	22.92 2.73 0.00	20.72 2.44 0.00	17.30 2.02 0.00	20.16 2.14 0.00	23.72 2.59 0.00	34.29 4.07 -0.22	41.74 4.91 -2.93	34.24 4.22 0.00	28.07 3.22 0.00	24.41 2.64 -0.61	24.61 2.48 -1.46	22.05 2.34 -0.92
EAST RIVER___6 23660	20.35 1.44 -0.95	20.79 0.95 -7.74	20.25 0.83 -8.72	21.00 0.77 -10.25	21.95 0.11 -20.37	24.34 0.90 -11.90	58.85 -0.60 -66.90	39.47 1.58 -19.09	33.11 1.34 -16.05	22.49 1.69 0.00	23.80 1.95 -0.14	21.59 1.80 -0.87	22.03 1.84 0.00	19.96 1.69 0.00	16.68 1.39 0.00	19.52 1.50 0.00	22.86 1.73 0.00	32.66 2.44 -0.22	39.57 2.73 -2.93	32.45 2.43 0.00	26.83 1.98 0.00	23.45 1.67 -0.61	23.80 1.66 -1.46	21.19 1.49 -0.92
EAST RIVER___7 23524	20.35 1.44 -0.95	20.79 0.95 -7.74	20.25 0.83 -8.72	21.00 0.77 -10.25	21.95 0.11 -20.37	24.34 0.90 -11.90	58.85 -0.60 -66.90	39.47 1.58 -19.09	33.11 1.34 -16.05	22.49 1.69 0.00	23.80 1.95 -0.14	21.59 1.80 -0.87	22.03 1.84 0.00	19.96 1.69 0.00	16.68 1.39 0.00	19.52 1.50 0.00	22.86 1.73 0.00	32.66 2.44 -0.22	39.57 2.73 -2.93	32.45 2.43 0.00	26.83 1.98 0.00	23.45 1.67 -0.61	23.80 1.66 -1.46	21.19 1.49 -0.92
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	20.13 1.22 -0.95	20.64 0.81 -7.73	20.12 0.71 -8.70	20.88 0.67 -10.22	21.89 0.10 -20.32	24.21 0.80 -11.87	58.75 -0.54 -66.74	39.26 1.42 -19.04	32.92 1.18 -16.02	22.27 1.47 0.00	23.54 1.69 -0.14	21.32 1.53 -0.87	21.75 1.56 0.00	19.70 1.42 0.00	16.45 1.17 0.00	19.29 1.26 0.00	22.61 1.48 0.00	32.37 2.15 -0.22	39.31 2.48 -2.93	32.17 2.15 0.00	26.60 1.76 0.00	23.25 1.48 -0.61	23.60 1.47 -1.46	21.01 1.30 -0.92
EAST_HAMPTON___DIESEL 23722	21.19 2.27 -0.95	21.40 1.56 -7.74	20.78 1.36 -8.72	21.53 1.30 -10.24	22.01 0.18 -20.36	24.85 1.41 -11.90	58.41 -1.02 -66.88	40.46 2.58 -19.08	34.05 2.28 -16.05	23.42 2.61 0.00	24.73 2.87 -0.14	22.41 2.63 -0.87	22.93 2.73 0.00	20.73 2.45 0.00	17.31 2.02 0.00	20.18 2.15 0.00	23.73 2.60 0.00	34.30 4.08 -0.22	41.75 4.91 -2.93	34.24 4.22 0.00	28.08 3.23 0.00	24.42 2.65 -0.61	24.61 2.48 -1.46	22.05 2.34 -0.92
EAST_PULASKI___ESR 323781	17.78 -0.33 -0.15	13.08 -0.26 -1.24	11.89 -0.24 -1.42	11.46 -0.20 -1.68	4.76 -0.03 -3.33	13.24 -0.24 -1.94	3.60 0.13 -10.92	21.61 -0.30 -3.12	18.08 -0.26 -2.62	20.42 -0.39 0.00	21.23 -0.50 -0.02	18.89 -0.18 -0.16	19.96 -0.24 0.00	17.98 -0.30 0.00	14.97 -0.32 0.00	17.48 -0.55 0.00	20.59 -0.54 0.00	29.36 -0.68 -0.04	33.66 -0.72 -0.48	27.03 -0.57 2.31	21.70 -0.47 2.58	18.35 -0.47 2.34	18.01 -0.48 2.18	16.30 -0.49 2.00
EAST_RIVER___1 323558	20.27 1.36 -0.95	20.74 0.90 -7.74	20.21 0.79 -8.72	20.96 0.73 -10.25	21.94 0.11 -20.37	24.31 0.86 -11.90	58.88 -0.57 -66.90	39.40 1.51 -19.09	33.06 1.28 -16.05	22.41 1.61 0.00	23.72 1.87 -0.14	21.51 1.72 -0.87	21.95 1.76 0.00	19.89 1.61 0.00	16.61 1.32 0.00	19.45 1.42 0.00	22.77 1.64 0.00	32.55 2.33 -0.22	39.49 2.66 -2.93	32.36 2.34 0.00	26.77 1.92 0.00	23.39 1.61 -0.61	23.73 1.60 -1.46	21.13 1.42 -0.92
EAST_RIVER___2 323559	20.35 1.44 -0.95	20.79 0.95 -7.74	20.25 0.83 -8.72	21.00 0.77 -10.25	21.95 0.11 -20.37	24.34 0.90 -11.90	58.85 -0.60 -66.90	39.47 1.58 -19.09	33.11 1.34 -16.05	22.49 1.69 0.00	23.80 1.95 -0.14	21.59 1.80 -0.87	22.03 1.84 0.00	19.96 1.69 0.00	16.68 1.39 0.00	19.52 1.50 0.00	22.86 1.73 0.00	32.66 2.44 -0.22	39.57 2.73 -2.93	32.45 2.43 0.00	26.83 1.98 0.00	23.45 1.67 -0.61	23.80 1.66 -1.46	21.19 1.49 -0.92
EAST___DELAWARE_HYD 23607	19.90 1.11 -0.83	19.57 0.73 -6.75	19.10 0.66 -7.73	19.70 0.63 -9.09	19.63 0.09 -18.07	22.84 0.74 -10.56	51.35 -0.55 -59.34	37.12 1.39 -16.93	31.15 1.19 -14.24	22.16 1.36 0.00	23.27 1.43 -0.12	20.93 1.24 -0.77	21.42 1.23 0.00	19.42 1.14 0.00	16.18 0.89 0.00	19.02 0.99 0.00	22.39 1.25 0.00	32.26 2.07 -0.19	38.85 2.35 -2.60	32.13 2.11 0.00	26.47 1.62 0.00	23.05 1.35 -0.54	23.34 1.37 -1.30	20.80 1.20 -0.82
EIGHT_POINT___WT_PWR 323820	17.74 -0.51 -0.30	14.03 -0.49 -2.42	12.97 -0.51 -2.77	12.79 -0.45 -3.26	7.97 -0.07 -6.56	14.71 -0.69 -3.86	14.81 0.55 -21.71	23.92 -1.08 -6.19	19.82 -1.11 -5.21	19.47 -1.33 0.00	20.40 -1.36 -0.05	17.83 -1.37 -0.28	18.80 -1.40 0.00	16.89 -1.38 0.00	13.97 -1.32 0.00	16.33 -1.70 0.00	19.48 -1.65 0.00	27.92 -2.15 -0.07	32.65 -2.17 -0.92	27.86 -2.16 0.00	22.96 -1.89 0.00	19.56 -1.80 -0.19	19.48 -1.65 -0.46	17.59 -1.48 -0.29
ELBRIDGE_115KV_TB2 80188	18.21 0.04 -0.22	13.87 0.02 -1.76	12.72 0.00 -2.01	12.36 0.00 -2.36	6.17 0.01 -4.70	14.32 0.03 -2.74	7.97 0.00 -15.42	23.30 0.10 -4.40	19.51 0.09 -3.70	20.88 0.08 0.00	21.85 0.10 -0.03	19.25 0.13 -0.19	20.34 0.14 0.00	18.38 0.11 0.00	15.34 0.05 0.00	17.97 -0.06 0.00	20.93 -0.20 0.00	29.78 -0.26 -0.05	34.29 -0.23 -0.62	29.80 -0.22 0.00	24.67 -0.18 0.00	21.09 -0.20 -0.13	20.80 -0.18 -0.31	18.78 -0.20 -0.19
ELEC_TRO_TEK 24086	20.38 1.46 -0.95	20.82 0.98 -7.74	20.27 0.85 -8.72	21.04 0.80 -10.24	21.95 0.11 -20.36	24.35 0.91 -11.90	58.85 -0.59 -66.88	39.43 1.55 -19.08	33.13 1.36 -16.05	22.46 1.66 0.00	23.77 1.91 -0.14	21.57 1.78 -0.87	22.01 1.82 0.00	19.90 1.62 0.00	16.62 1.34 0.00	19.44 1.41 0.00	22.79 1.65 0.00	32.73 2.51 -0.22	39.76 2.93 -2.93	32.61 2.59 0.00	26.93 2.08 0.00	23.50 1.72 -0.61	23.84 1.70 -1.46	21.25 1.55 -0.92
ELLENBURG_WT_PWR 323604	17.68 -0.28 0.00	11.89 -0.20 0.00	10.54 -0.17 0.00	9.84 -0.14 0.00	1.45 -0.02 0.00	11.34 -0.20 0.00	-7.42 0.03 0.00	18.35 -0.45 0.00	15.35 -0.37 0.00	20.51 -0.29 0.00	21.23 -0.49 0.00	18.20 -0.72 0.00	19.51 -0.68 0.00	17.67 -0.61 0.00	14.77 -0.51 0.00	17.56 -0.46 0.00	20.55 -0.59 0.00	29.10 -0.90 0.00	32.86 -1.04 0.00	-16.02 -1.54 44.50	-21.10 -1.22 44.72	-20.93 -1.03 41.06	-21.07 -1.10 40.65	-21.07 -0.98 38.88
ELM_ST_23_KV_LD_REV_LBMP_A 345012	17.54 -0.67 -0.26	13.77 -0.42 -2.09	12.70 -0.39 -2.39	12.42 -0.37 -2.81	6.99 -0.04 -5.57	14.34 -0.45 -3.25	11.32 0.49 -18.28	23.12 -0.90 -5.22	19.34 -0.77 -4.39	19.98 -0.82 0.00	20.91 -0.84 -0.04	18.26 -0.89 -0.24	19.39 -0.81 0.00	17.46 -0.82 0.00	14.48 -0.81 0.00	16.87 -1.16 0.00	19.86 -1.27 0.00	28.34 -1.72 -0.06	32.97 -1.71 -0.78	28.51 -1.51 0.00	23.54 -1.31 0.00	20.03 -1.29 -0.16	19.82 -1.24 -0.39	17.83 -1.20 -0.24
EMPIRE_CC_1 323656	19.65 0.56 -1.13	21.65 0.41 -9.14	21.46 0.36 -10.40	22.54 0.34 -12.22	25.80 0.05 -24.29	26.11 0.37 -14.19	72.10 -0.23 -79.78	42.18 0.62 -22.76	35.35 0.49 -19.14	21.43 0.63 0.00	22.63 0.75 -0.17	20.60 0.64 -1.04	20.83 0.63 0.00	18.85 0.58 0.00	15.78 0.49 0.00	18.52 0.50 0.00	21.71 0.58 0.00	31.04 0.78 -0.26	38.32 0.92 -3.50	30.70 0.68 0.00	25.50 0.65 0.00	22.54 0.65 -0.73	23.05 0.63 -1.74	20.49 0.61 -1.10

EMPIRE_CC_2 323658	19.65 0.56 -1.13	21.65 0.41 -9.14	21.46 0.36 -10.40	22.54 0.34 -12.22	25.80 0.05 -24.29	26.11 0.37 -14.19	72.10 -0.23 -79.78	42.18 0.62 -22.76	35.35 0.49 -19.14	21.43 0.63 0.00	22.63 0.75 -0.17	20.60 0.64 -1.04	20.83 0.63 0.00	18.85 0.58 0.00	15.78 0.49 0.00	18.52 0.50 0.00	21.71 0.58 0.00	31.04 0.78 -0.26	38.32 0.92 -3.50	30.70 0.68 0.00	25.50 0.65 0.00	22.54 0.65 -0.73	23.05 0.63 -1.74	20.49 0.61 -1.10
ENORWICH_115KV_TB1 80156	19.55 1.21 -0.38	15.97 0.76 -3.11	14.90 0.64 -3.56	14.79 0.62 -4.18	9.88 0.10 -8.32	17.16 0.77 -4.86	19.38 -0.49 -27.32	27.41 0.81 -7.79	23.12 0.84 -6.55	21.74 0.93 0.00	22.50 0.73 -0.06	19.72 0.44 -0.36	20.47 0.27 0.00	18.46 0.18 0.00	15.38 0.09 0.00	18.42 0.39 0.00	22.00 0.87 0.00	31.68 1.59 -0.09	36.77 1.71 -1.16	31.65 1.63 0.00	26.01 1.16 0.00	22.22 0.82 -0.24	22.07 0.82 -0.58	19.84 0.69 -0.37
ERIE_ST__34_KV_TB1-2 80199	17.95 -0.26 -0.26	14.04 -0.18 -2.12	12.95 -0.19 -2.43	12.67 -0.17 -2.86	7.12 -0.01 -5.66	14.63 -0.21 -3.30	11.44 0.32 -18.57	23.68 -0.42 -5.30	19.80 -0.37 -4.46	20.48 -0.33 0.00	21.42 -0.33 -0.04	18.69 -0.47 -0.24	19.85 -0.35 0.00	17.88 -0.40 0.00	14.82 -0.46 0.00	17.31 -0.71 0.00	20.38 -0.75 0.00	29.10 -0.96 -0.06	33.79 -0.91 -0.79	29.26 -0.76 0.00	24.14 -0.71 0.00	20.52 -0.80 -0.17	20.32 -0.75 -0.39	18.28 -0.75 -0.25
ERIE_WT_PWR 323693	17.66 -0.55 -0.26	13.87 -0.34 -2.11	12.80 -0.32 -2.42	12.52 -0.30 -2.84	7.07 -0.04 -5.63	14.44 -0.38 -3.29	11.45 0.43 -18.47	23.31 -0.76 -5.27	19.49 -0.66 -4.43	20.10 -0.70 0.00	21.05 -0.70 -0.04	18.37 -0.79 -0.24	19.49 -0.70 0.00	17.56 -0.72 0.00	14.55 -0.74 0.00	16.96 -1.06 0.00	19.98 -1.15 0.00	28.54 -1.52 -0.06	33.19 -1.50 -0.79	28.70 -1.32 0.00	23.69 -1.16 0.00	20.15 -1.17 -0.16	19.99 -1.07 -0.39	17.95 -1.08 -0.25
ESPRGFLD_115KV_TB1 80157	18.52 0.66 0.10	11.74 0.42 0.78	10.17 0.38 0.91	9.26 0.34 1.07	-0.60 0.06 2.13	10.76 0.46 1.24	-14.72 -0.29 6.98	17.55 0.75 2.00	14.68 0.64 1.68	21.61 0.81 0.00	22.47 0.77 0.02	19.49 0.65 0.09	20.88 0.68 0.00	18.89 0.61 0.00	15.75 0.46 0.00	18.50 0.48 0.00	21.78 0.64 0.00	31.05 1.07 0.02	34.78 1.21 0.33	31.17 1.15 0.00	25.74 0.90 0.00	21.81 0.72 0.07	21.17 0.66 0.16	19.24 0.56 0.10
ETNA_115_KV_TB1_REV_LBMP_C 345029	18.72 0.45 -0.31	14.93 0.29 -2.55	13.86 0.23 -2.92	13.64 0.23 -3.43	8.33 0.04 -6.82	15.81 0.28 -3.99	14.80 -0.18 -22.43	25.71 0.51 -6.40	21.54 0.44 -5.38	21.25 0.45 0.00	22.16 0.40 -0.05	19.42 0.21 -0.29	20.38 0.18 0.00	18.41 0.13 0.00	15.36 0.07 0.00	18.09 0.06 0.00	21.40 0.27 0.00	30.62 0.55 -0.07	35.48 0.63 -0.94	30.62 0.60 0.00	25.27 0.42 0.00	21.63 0.28 -0.20	21.42 0.28 -0.47	19.29 0.21 -0.30
ETNA_____115KV_TB2 80207	18.72 0.45 -0.31	14.93 0.29 -2.55	13.86 0.23 -2.92	13.64 0.23 -3.43	8.33 0.04 -6.82	15.81 0.28 -3.99	14.80 -0.18 -22.43	25.71 0.51 -6.40	21.54 0.44 -5.38	21.25 0.45 0.00	22.16 0.40 -0.05	19.42 0.21 -0.29	20.38 0.18 0.00	18.41 0.13 0.00	15.36 0.07 0.00	18.09 0.06 0.00	21.40 0.27 0.00	30.62 0.55 -0.07	35.48 0.63 -0.94	30.62 0.60 0.00	25.27 0.42 0.00	21.63 0.28 -0.20	21.42 0.28 -0.47	19.29 0.21 -0.30
EUCLID__115KV_TB2 356179	17.96 -0.18 -0.18	13.48 -0.13 -1.51	12.31 -0.12 -1.73	11.90 -0.11 -2.03	5.48 -0.02 -4.03	13.77 -0.13 -2.35	5.88 0.10 -13.23	22.39 -0.18 -3.78	18.76 -0.14 -3.18	20.58 -0.22 0.00	21.50 -0.24 -0.03	18.87 -0.22 -0.17	19.94 -0.26 0.00	18.02 -0.26 0.00	15.04 -0.25 0.00	17.69 -0.33 0.00	20.80 -0.34 0.00	29.60 -0.44 -0.04	33.98 -0.48 -0.56	29.61 -0.41 0.00	24.47 -0.38 0.00	20.95 -0.33 -0.12	20.64 -0.31 -0.28	18.64 -0.32 -0.18
E_CANADA_CAP_HY 24051	20.12 0.65 -1.50	24.74 0.43 -12.21	25.03 0.40 -13.93	26.71 0.35 -16.38	34.07 0.06 -32.55	31.05 0.49 -19.02	99.16 -0.29 -106.90	50.04 0.74 -30.50	41.93 0.57 -25.65	21.50 0.70 0.00	22.55 0.61 -0.23	20.84 0.53 -1.39	20.78 0.58 0.00	18.80 0.52 0.00	15.70 0.41 0.00	18.51 0.48 0.00	21.77 0.64 0.00	31.41 1.06 -0.34	39.87 1.29 -4.67	31.15 1.13 0.00	25.79 0.94 0.00	22.96 0.82 -0.98	23.72 0.72 -2.33	20.89 0.64 -1.47
E_CANADA_MHWK_HY 24050	18.57 0.59 -0.03	12.72 0.40 -0.22	11.31 0.36 -0.24	10.62 0.35 -0.29	2.08 0.04 -0.58	12.22 0.34 -0.34	-5.91 -0.34 -1.88	20.05 0.71 -0.54	16.83 0.66 -0.45	21.22 0.42 0.00	22.04 0.32 0.00	19.12 0.17 -0.03	20.21 0.01 0.00	18.25 -0.03 0.00	15.26 -0.02 0.00	18.07 0.04 0.00	21.37 0.24 0.00	30.96 0.95 -0.01	34.89 0.91 -0.08	33.05 0.87 -2.16	27.78 0.52 -2.41	23.94 0.48 -2.29	23.52 0.55 -2.30	21.23 0.42 -2.03
E_FISHKILL__LBMP 23776	20.01 1.09 -0.97	20.69 0.73 -7.86	20.27 0.64 -8.93	21.08 0.60 -10.49	22.41 0.09 -20.85	24.44 0.72 -12.18	60.55 -0.48 -68.48	39.61 1.26 -19.54	33.20 1.05 -16.43	22.11 1.31 0.00	23.36 1.50 -0.14	21.16 1.35 -0.89	21.57 1.37 0.00	19.53 1.25 0.00	16.31 1.03 0.00	19.14 1.11 0.00	22.45 1.31 0.00	32.13 1.91 -0.22	39.14 2.23 -3.00	31.93 1.91 0.00	26.42 1.57 0.00	23.11 1.33 -0.63	23.48 1.31 -1.50	20.90 1.17 -0.94
FALCON__SEABRD_CC1 323796	17.93 -0.03 0.00	12.06 -0.03 0.00	10.68 -0.02 0.00	9.99 0.00 0.00	1.47 0.00 0.00	11.46 -0.08 0.00	-7.49 -0.04 0.00	18.53 -0.27 0.00	15.50 -0.22 0.00	20.71 -0.09 0.00	21.39 -0.33 0.00	18.35 -0.58 0.00	19.73 -0.47 0.00	17.89 -0.39 0.00	14.94 -0.34 0.00	17.78 -0.24 0.00	20.85 -0.28 0.00	29.55 -0.45 0.00	33.39 -0.51 0.00	-15.57 -1.12 44.47	-20.67 -0.87 44.65	-20.54 -0.72 40.98	-20.71 -0.81 40.57	-20.79 -0.73 38.84
FALCON__SEABRD_CC2 323797	17.93 -0.03 0.00	12.06 -0.03 0.00	10.68 -0.02 0.00	9.99 0.00 0.00	1.47 0.00 0.00	11.46 -0.08 0.00	-7.49 -0.04 0.00	18.53 -0.27 0.00	15.50 -0.22 0.00	20.71 -0.09 0.00	21.39 -0.33 0.00	18.35 -0.58 0.00	19.73 -0.47 0.00	17.89 -0.39 0.00	14.94 -0.34 0.00	17.78 -0.24 0.00	20.85 -0.28 0.00	29.55 -0.45 0.00	33.39 -0.51 0.00	-15.57 -1.12 44.47	-20.67 -0.87 44.65	-20.54 -0.72 40.98	-20.71 -0.81 40.57	-20.79 -0.73 38.84
FAR ROCKAWAY__4 23548	20.62 1.71 -0.95	20.97 1.13 -7.74	20.41 0.98 -8.72	21.15 0.92 -10.24	21.96 0.13 -20.36	24.49 1.05 -11.90	58.76 -0.67 -66.88	39.67 1.78 -19.08	33.31 1.54 -16.05	22.73 1.93 0.00	24.06 2.20 -0.14	21.83 2.04 -0.87	22.27 2.08 0.00	20.14 1.86 0.00	16.83 1.54 0.00	19.66 1.64 0.00	23.07 1.93 0.00	33.13 2.91 -0.22	40.25 3.41 -2.93	33.03 3.01 0.00	27.23 2.38 0.00	23.76 1.98 -0.61	24.10 1.97 -1.46	21.49 1.78 -0.92
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	20.27 1.37 -0.95	20.74 0.90 -7.74	20.21 0.79 -8.72	20.97 0.73 -10.25	21.95 0.11 -20.37	24.31 0.87 -11.90	58.88 -0.58 -66.90	39.41 1.51 -19.09	33.05 1.28 -16.05	22.42 1.61 0.00	23.72 1.87 -0.14	21.51 1.72 -0.87	21.94 1.74 0.00	19.89 1.61 0.00	16.61 1.32 0.00	19.45 1.42 0.00	22.77 1.64 0.00	32.55 2.33 -0.22	39.49 2.66 -2.93	32.37 2.35 0.00	26.77 1.92 0.00	23.39 1.61 -0.61	23.75 1.61 -1.46	21.13 1.42 -0.92

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	20.28 1.37 -0.95	20.75 0.91 -7.74	20.22 0.79 -8.72	20.97 0.73 -10.25	21.95 0.11 -20.37	24.31 0.87 -11.90	58.87 -0.58 -66.90	39.42 1.53 -19.09	33.06 1.29 -16.05	22.42 1.62 0.00	23.73 1.88 -0.14	21.51 1.73 -0.87	21.95 1.76 0.00	19.89 1.61 0.00	16.61 1.32 0.00	19.45 1.43 0.00	22.77 1.64 0.00	32.56 2.34 -0.22	39.50 2.67 -2.93	32.38 2.36 0.00	26.79 1.94 0.00	23.40 1.62 -0.61	23.76 1.62 -1.46	21.14 1.43 -0.92
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	20.26 1.36 -0.95	20.74 0.89 -7.74	20.21 0.78 -8.72	20.96 0.72 -10.25	21.95 0.11 -20.37	24.30 0.86 -11.90	58.88 -0.57 -66.90	39.40 1.51 -19.09	33.05 1.28 -16.05	22.41 1.60 0.00	23.71 1.86 -0.14	21.50 1.71 -0.87	21.93 1.74 0.00	19.87 1.59 0.00	16.60 1.31 0.00	19.44 1.41 0.00	22.76 1.63 0.00	32.53 2.31 -0.22	39.47 2.63 -2.93	32.35 2.33 0.00	26.76 1.91 0.00	23.37 1.60 -0.61	23.74 1.60 -1.46	21.12 1.41 -0.92
FARRAGUT___LBMP 323566	20.26 1.35 -0.95	20.73 0.89 -7.74	20.20 0.78 -8.72	20.96 0.72 -10.25	21.94 0.10 -20.37	24.30 0.85 -11.90	58.89 -0.56 -66.90	39.38 1.49 -19.09	33.03 1.26 -16.05	22.38 1.58 0.00	23.69 1.84 -0.14	21.48 1.69 -0.87	21.91 1.72 0.00	19.86 1.58 0.00	16.58 1.30 0.00	19.42 1.39 0.00	22.74 1.61 0.00	32.50 2.28 -0.22	39.44 2.60 -2.93	32.32 2.30 0.00	26.74 1.89 0.00	23.35 1.58 -0.61	23.72 1.58 -1.46	21.11 1.40 -0.92
FENNER___WINDPWR 24204	18.44 0.29 -0.19	13.87 0.20 -1.57	12.67 0.17 -1.80	12.26 0.16 -2.12	5.69 0.02 -4.20	14.18 0.19 -2.46	6.20 -0.17 -13.81	23.15 0.41 -3.94	19.39 0.36 -3.32	21.16 0.35 0.00	22.02 0.27 -0.03	19.30 0.19 -0.18	20.32 0.13 0.00	18.36 0.08 0.00	15.33 0.05 0.00	18.07 0.04 0.00	21.36 0.22 0.00	30.49 0.45 -0.04	34.89 0.41 -0.58	30.40 0.38 0.00	25.06 0.21 0.00	21.43 0.15 -0.12	21.13 0.16 -0.29	19.05 0.09 -0.18
FIBERTEK___ENERGY 23856	18.23 0.07 -0.21	13.81 0.04 -1.67	12.64 0.02 -1.92	12.26 0.02 -2.25	5.95 0.01 -4.48	14.20 0.04 -2.62	7.24 -0.02 -14.71	23.10 0.10 -4.20	19.36 0.11 -3.53	20.88 0.08 0.00	21.83 0.08 -0.03	19.26 0.15 -0.19	20.34 0.15 0.00	18.39 0.12 0.00	15.34 0.05 0.00	17.97 -0.05 0.00	21.01 -0.12 0.00	29.95 -0.09 -0.04	34.39 -0.11 -0.60	29.93 -0.09 0.00	24.72 -0.12 0.00	21.15 -0.13 -0.13	20.87 -0.10 -0.30	18.85 -0.12 -0.19
FITZPATRICK____ 23598	17.62 -0.47 -0.14	12.89 -0.32 -1.11	11.68 -0.28 -1.27	11.21 -0.27 -1.49	4.39 -0.04 -2.96	12.95 -0.32 -1.73	2.49 0.22 -9.72	21.06 -0.51 -2.77	17.63 -0.42 -2.33	20.24 -0.57 0.00	21.13 -0.61 -0.02	18.48 -0.56 -0.12	19.59 -0.61 0.00	17.71 -0.56 0.00	14.80 -0.49 0.00	17.45 -0.58 0.00	20.51 -0.62 0.00	29.16 -0.87 -0.03	33.38 -0.96 -0.44	29.17 -0.86 0.00	24.13 -0.72 0.00	20.65 -0.60 -0.09	20.32 -0.58 -0.22	18.37 -0.55 -0.14
FLOWRFLD_69_KV_BK1 356044	20.59 1.68 -0.95	20.98 1.14 -7.74	20.42 1.00 -8.72	21.18 0.95 -10.24	21.97 0.14 -20.36	24.51 1.07 -11.90	58.74 -0.69 -66.88	39.72 1.84 -19.08	33.36 1.59 -16.05	22.75 1.95 0.00	24.08 2.22 -0.14	21.87 2.08 -0.87	22.33 2.13 0.00	20.17 1.89 0.00	16.84 1.55 0.00	19.63 1.61 0.00	23.05 1.91 0.00	33.06 2.84 -0.22	40.30 3.47 -2.93	32.93 2.91 0.00	27.21 2.36 0.00	23.73 1.95 -0.61	24.00 1.86 -1.46	21.45 1.75 -0.92
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	20.21 1.31 -0.95	20.66 0.87 -7.69	20.25 0.77 -8.77	21.02 0.73 -10.31	22.07 0.11 -20.49	24.39 0.88 -11.98	59.26 -0.60 -67.31	39.58 1.57 -19.21	33.18 1.30 -16.15	22.41 1.61 0.00	23.63 1.77 -0.14	21.35 1.56 -0.87	21.77 1.58 0.00	19.71 1.43 0.00	16.47 1.18 0.00	19.34 1.31 0.00	22.72 1.58 0.00	32.56 2.34 -0.22	39.57 2.72 -2.95	32.37 2.35 0.00	26.76 1.91 0.00	23.37 1.60 -0.62	23.72 1.57 -1.47	21.10 1.39 -0.93
FORT ORANGE____ 23900	19.64 0.51 -1.17	21.95 0.38 -9.47	21.83 0.34 -10.79	22.97 0.30 -12.68	26.72 0.04 -25.20	26.60 0.34 -14.73	75.09 -0.24 -82.77	43.06 0.66 -23.59	36.10 0.54 -19.84	21.44 0.64 0.00	22.57 0.68 -0.17	20.54 0.55 -1.07	20.74 0.54 0.00	18.78 0.51 0.00	15.76 0.47 0.00	18.51 0.49 0.00	21.75 0.61 0.00	31.18 0.91 -0.27	38.64 1.12 -3.61	30.90 0.88 0.00	25.61 0.76 0.00	22.58 0.67 -0.76	23.10 0.63 -1.80	20.54 0.62 -1.14
FORT_DRUM_COGEN 23780	17.64 -0.42 -0.11	12.57 -0.40 -0.87	11.34 -0.36 -0.99	10.90 -0.25 -1.17	3.74 -0.05 -2.32	12.55 -0.35 -1.36	0.26 0.08 -7.63	20.66 -0.32 -2.18	17.29 -0.26 -1.83	20.42 -0.39 0.00	20.95 -0.78 -0.02	18.34 -0.69 -0.10	19.40 -0.79 0.00	17.34 -0.94 0.00	14.56 -0.73 0.00	17.24 -0.79 0.00	20.35 -0.79 0.00	29.11 -0.92 -0.02	33.28 -0.95 -0.33	21.88 -1.01 7.13	15.85 -0.83 8.16	12.74 -0.71 7.70	12.29 -0.84 7.55	11.33 -0.83 6.63
FOX_HILLS___ESR 323835	20.32 1.40 -0.95	20.77 0.92 -7.74	20.26 0.83 -8.72	21.06 0.82 -10.25	21.96 0.12 -20.37	24.41 0.97 -11.90	58.89 -0.57 -66.91	39.48 1.58 -19.09	33.13 1.35 -16.05	22.48 1.68 0.00	23.79 1.93 -0.14	21.58 1.79 -0.87	22.00 1.81 0.00	19.96 1.68 0.00	16.66 1.37 0.00	19.49 1.46 0.00	22.82 1.69 0.00	32.55 2.34 -0.22	39.50 2.67 -2.93	32.59 2.57 0.00	26.97 2.13 0.00	23.55 1.78 -0.61	23.88 1.75 -1.46	21.25 1.55 -0.92
FPL_FAR_ROCK_GT1 24212	20.62 1.71 -0.95	20.98 1.13 -7.74	20.40 0.98 -8.72	21.15 0.92 -10.24	21.96 0.13 -20.36	24.49 1.06 -11.90	58.76 -0.67 -66.88	39.67 1.78 -19.08	33.31 1.54 -16.05	22.73 1.93 0.00	24.06 2.20 -0.14	21.83 2.04 -0.87	22.27 2.08 0.00	20.14 1.86 0.00	16.83 1.54 0.00	19.66 1.63 0.00	23.07 1.93 0.00	33.13 2.91 -0.22	40.25 3.41 -2.93	33.03 3.01 0.00	27.23 2.38 0.00	23.76 1.99 -0.61	24.09 1.95 -1.46	21.48 1.78 -0.92
FPL_FAR_ROCK_GT2 23815	20.62 1.71 -0.95	20.98 1.13 -7.74	20.40 0.98 -8.72	21.15 0.92 -10.24	21.96 0.13 -20.36	24.49 1.06 -11.90	58.76 -0.67 -66.88	39.67 1.78 -19.08	33.31 1.54 -16.05	22.73 1.93 0.00	24.06 2.20 -0.14	21.83 2.04 -0.87	22.27 2.08 0.00	20.14 1.86 0.00	16.83 1.54 0.00	19.66 1.63 0.00	23.07 1.93 0.00	33.13 2.91 -0.22	40.25 3.41 -2.93	33.03 3.01 0.00	27.23 2.38 0.00	23.76 1.99 -0.61	24.09 1.95 -1.46	21.48 1.78 -0.92
FRANKLIN_FALL_HYD 24054	17.86 -0.09 0.00	12.01 -0.09 0.00	10.63 -0.07 0.00	9.93 -0.05 0.00	1.46 -0.01 0.00	11.45 -0.09 0.00	-7.52 -0.07 0.00	18.62 -0.19 0.00	15.59 -0.13 0.00	20.77 -0.03 0.00	21.50 -0.21 0.00	18.52 -0.42 -0.02	19.80 -0.39 0.00	17.91 -0.37 0.00	15.00 -0.29 0.00	17.82 -0.21 0.00	20.82 -0.31 0.00	29.58 -0.42 0.00	33.39 -0.51 0.00	-1.16 -0.88 30.30	-12.99 -0.70 37.14	-15.41 -0.61 35.95	-15.77 -0.69 35.76	-11.63 -0.60 29.82
FREEPORT_EQUS_GT1 23764	20.49 1.58 -0.95	20.90 1.06 -7.74	20.34 0.92 -8.72	21.10 0.86 -10.24	21.95 0.12 -20.36	24.43 0.99 -11.90	58.84 -0.59 -66.88	39.53 1.65 -19.08	33.23 1.46 -16.05	22.59 1.79 0.00	23.91 2.06 -0.14	21.70 1.91 -0.87	22.14 1.95 0.00	20.02 1.74 0.00	16.71 1.43 0.00	19.53 1.50 0.00	22.91 1.77 0.00	32.91 2.69 -0.22	40.01 3.18 -2.93	32.83 2.81 0.00	27.10 2.25 0.00	23.62 1.85 -0.61	23.94 1.80 -1.46	21.35 1.65 -0.92



FREEPORT___CT2 23818	20.49 1.58 -0.95	20.90 1.06 -7.74	20.34 0.92 -8.72	21.10 0.86 -10.24	21.95 0.12 -20.36	24.43 0.99 -11.90	58.84 -0.59 -66.88	39.53 1.65 -19.08	33.23 1.46 -16.05	22.59 1.79 0.00	23.91 2.06 -0.14	21.70 1.91 -0.87	22.14 1.95 0.00	20.02 1.74 0.00	16.71 1.43 0.00	19.53 1.50 0.00	22.91 1.77 0.00	32.91 2.69 -0.22	40.01 3.18 -2.93	32.83 2.81 0.00	27.10 2.25 0.00	23.62 1.85 -0.61	23.94 1.80 -1.46	21.35 1.65 -0.92
FRESHKLS_33_KV_LOAD 356253	20.28 1.37 -0.95	20.75 0.91 -7.74	20.28 0.86 -8.72	21.13 0.90 -10.25	21.97 0.13 -20.37	24.49 1.05 -11.90	58.95 -0.51 -66.91	39.42 1.53 -19.09	33.09 1.32 -16.05	22.42 1.62 0.00	23.75 1.89 -0.14	21.54 1.75 -0.87	21.95 1.76 0.00	19.92 1.64 0.00	16.60 1.32 0.00	19.43 1.40 0.00	22.75 1.62 0.00	32.43 2.22 -0.22	39.35 2.52 -2.93	32.64 2.62 0.00	27.03 2.18 0.00	23.57 1.80 -0.61	23.90 1.76 -1.46	21.28 1.57 -0.92
FULTON COGEN____ 23766	17.86 -0.27 -0.17	13.27 -0.19 -1.36	12.09 -0.17 -1.56	11.66 -0.16 -1.83	5.09 -0.02 -3.64	13.48 -0.19 -2.13	4.64 0.13 -11.96	21.92 -0.29 -3.41	18.36 -0.23 -2.87	20.46 -0.34 0.00	21.40 -0.34 -0.03	19.13 0.04 -0.17	20.21 0.02 0.00	18.26 -0.03 0.00	15.18 -0.11 0.00	17.65 -0.38 0.00	20.76 -0.37 0.00	29.56 -0.48 -0.04	33.88 -0.55 -0.53	29.54 -0.48 0.00	24.43 -0.42 0.00	20.92 -0.35 -0.11	20.59 -0.35 -0.26	18.59 -0.36 -0.16
FULTON___LFGE 323630	20.50 1.13 -1.42	24.39 0.80 -11.49	24.53 0.72 -13.11	26.05 0.66 -15.41	32.18 0.08 -30.62	30.19 0.75 -17.89	92.60 -0.53 -100.58	48.67 1.17 -28.69	40.71 0.86 -24.13	21.08 0.27 0.00	22.26 0.33 -0.21	20.53 0.31 -1.31	20.50 0.30 0.00	18.49 0.21 0.00	15.50 0.21 0.00	18.53 0.50 0.00	22.33 1.19 0.00	32.93 2.61 -0.32	40.71 2.42 -4.39	32.34 2.32 0.00	26.47 1.62 0.00	23.48 1.40 -0.92	24.34 1.48 -2.19	21.47 1.30 -1.38
G.F.CEMENT___DRP 24184	19.98 0.81 -1.22	22.56 0.58 -9.87	22.52 0.57 -11.25	23.75 0.54 -13.22	27.84 0.09 -26.28	27.62 0.73 -15.35	78.32 -0.52 -86.29	44.78 1.36 -24.61	37.45 1.03 -20.70	22.10 1.30 0.00	23.21 1.31 -0.18	21.12 1.08 -1.12	21.21 1.01 0.00	19.13 0.85 0.00	16.00 0.71 0.00	18.78 0.76 0.00	22.20 1.06 0.00	31.78 1.50 -0.28	39.55 1.89 -3.76	31.33 1.31 0.00	25.99 1.15 0.00	22.95 1.00 -0.79	23.59 1.05 -1.87	20.87 0.91 -1.18
GARDENVILLE___LBMP 24039	17.61 -0.61 -0.26	13.82 -0.38 -2.11	12.75 -0.37 -2.42	12.48 -0.34 -2.84	7.06 -0.04 -5.63	14.41 -0.41 -3.29	11.49 0.46 -18.48	23.26 -0.82 -5.27	19.45 -0.71 -4.43	20.04 -0.76 0.00	20.98 -0.77 -0.04	18.32 -0.84 -0.24	19.43 -0.76 0.00	17.51 -0.77 0.00	14.51 -0.77 0.00	16.92 -1.11 0.00	19.93 -1.21 0.00	28.44 -1.62 -0.06	33.08 -1.61 -0.79	28.61 -1.41 0.00	23.61 -1.24 0.00	20.09 -1.23 -0.16	19.89 -1.18 -0.39	17.90 -1.14 -0.25
GARDNVLA_35_KV_LD 355827	17.67 -0.54 -0.26	13.87 -0.34 -2.11	12.80 -0.33 -2.42	12.52 -0.31 -2.84	7.06 -0.03 -5.63	14.45 -0.37 -3.29	11.44 0.42 -18.47	23.34 -0.73 -5.27	19.52 -0.63 -4.43	20.14 -0.66 0.00	21.08 -0.67 -0.04	18.40 -0.76 -0.24	19.52 -0.67 0.00	17.58 -0.70 0.00	14.58 -0.71 0.00	16.99 -1.04 0.00	20.02 -1.11 0.00	28.58 -1.48 -0.06	33.25 -1.44 -0.79	28.76 -1.26 0.00	23.73 -1.12 0.00	20.18 -1.14 -0.16	19.98 -1.09 -0.39	17.97 -1.06 -0.25
GELCKHM___115KV_LOAD 80723	18.06 -0.09 -0.19	13.60 -0.07 -1.57	12.43 -0.07 -1.80	12.04 -0.06 -2.12	5.67 -0.01 -4.21	13.94 -0.06 -2.46	6.43 0.05 -13.83	22.67 -0.07 -3.95	18.99 -0.05 -3.32	20.69 -0.11 0.00	21.62 -0.12 -0.03	19.01 -0.08 -0.18	20.09 -0.10 0.00	18.17 -0.11 0.00	15.16 -0.13 0.00	17.81 -0.22 0.00	20.88 -0.25 0.00	29.73 -0.31 -0.04	34.14 -0.33 -0.58	29.73 -0.29 0.00	24.57 -0.28 0.00	21.03 -0.25 -0.12	20.73 -0.23 -0.29	18.71 -0.25 -0.18
GENERAL___MILLS 23808	17.66 -0.56 -0.26	13.86 -0.35 -2.11	12.79 -0.34 -2.42	12.51 -0.32 -2.84	7.07 -0.04 -5.63	14.44 -0.38 -3.29	11.45 0.43 -18.47	23.32 -0.75 -5.27	19.50 -0.65 -4.43	20.12 -0.69 0.00	21.05 -0.70 -0.04	18.38 -0.78 -0.24	19.49 -0.70 0.00	17.56 -0.72 0.00	14.55 -0.73 0.00	16.97 -1.06 0.00	20.00 -1.14 0.00	28.54 -1.52 -0.06	33.20 -1.49 -0.79	28.71 -1.31 0.00	23.69 -1.16 0.00	20.15 -1.17 -0.16	19.95 -1.12 -0.39	17.95 -1.08 -0.25
GE_PLASTICS___DRP 24183	19.65 0.53 -1.17	21.94 0.38 -9.46	21.81 0.33 -10.78	22.96 0.31 -12.67	26.69 0.04 -25.18	26.60 0.35 -14.71	75.02 -0.23 -82.70	43.01 0.61 -23.60	36.08 0.51 -19.85	21.44 0.64 0.00	22.58 0.69 -0.17	20.58 0.59 -1.07	20.78 0.58 0.00	18.81 0.53 0.00	15.76 0.48 0.00	18.53 0.50 0.00	21.74 0.61 0.00	31.15 0.88 -0.27	38.57 1.05 -3.62	30.85 0.83 0.00	25.57 0.72 0.00	22.55 0.64 -0.76	23.10 0.62 -1.80	20.51 0.59 -1.14
GILBOA___1 23756	19.49 0.58 -0.95	20.19 0.39 -7.70	19.82 0.35 -8.77	20.63 0.33 -10.31	22.02 0.05 -20.50	23.90 0.39 -11.98	59.62 -0.26 -67.33	38.62 0.60 -19.21	32.44 0.56 -16.16	21.51 0.71 0.00	22.66 0.80 -0.14	20.50 0.71 -0.87	20.90 0.71 0.00	18.91 0.64 0.00	15.81 0.52 0.00	18.57 0.55 0.00	21.81 0.68 0.00	31.20 0.98 -0.22	37.92 1.07 -2.95	30.98 0.96 0.00	25.66 0.81 0.00	22.47 0.70 -0.62	22.83 0.69 -1.47	20.33 0.62 -0.93
GILBOA___2 23757	19.49 0.58 -0.95	20.19 0.39 -7.70	19.82 0.35 -8.77	20.63 0.33 -10.31	22.02 0.05 -20.50	23.90 0.39 -11.98	59.62 -0.26 -67.33	38.62 0.60 -19.21	32.44 0.56 -16.16	21.51 0.71 0.00	22.66 0.80 -0.14	20.50 0.71 -0.87	20.90 0.71 0.00	18.91 0.64 0.00	15.81 0.52 0.00	18.57 0.55 0.00	21.81 0.68 0.00	31.20 0.98 -0.22	37.92 1.07 -2.95	30.98 0.96 0.00	25.66 0.81 0.00	22.47 0.70 -0.62	22.83 0.69 -1.47	20.33 0.62 -0.93
GILBOA___3 23758	19.49 0.58 -0.95	20.19 0.39 -7.70	19.82 0.35 -8.77	20.63 0.33 -10.31	22.02 0.05 -20.50	23.90 0.39 -11.98	59.62 -0.26 -67.33	38.62 0.60 -19.21	32.44 0.56 -16.16	21.51 0.71 0.00	22.66 0.80 -0.14	20.50 0.71 -0.87	20.90 0.71 0.00	18.91 0.64 0.00	15.81 0.52 0.00	18.57 0.55 0.00	21.81 0.68 0.00	31.20 0.98 -0.22	37.92 1.07 -2.95	30.98 0.96 0.00	25.66 0.81 0.00	22.47 0.70 -0.62	22.83 0.69 -1.47	20.33 0.62 -0.93
GILBOA___4 23759	19.49 0.58 -0.95	20.19 0.39 -7.70	19.82 0.35 -8.77	20.63 0.33 -10.31	22.02 0.05 -20.50	23.90 0.39 -11.98	59.62 -0.26 -67.33	38.62 0.60 -19.21	32.44 0.56 -16.16	21.51 0.71 0.00	22.66 0.80 -0.14	20.50 0.71 -0.87	20.90 0.71 0.00	18.91 0.64 0.00	15.81 0.52 0.00	18.57 0.55 0.00	21.81 0.68 0.00	31.20 0.98 -0.22	37.92 1.07 -2.95	30.98 0.96 0.00	25.66 0.81 0.00	22.47 0.70 -0.62	22.83 0.69 -1.47	20.33 0.62 -0.93
GILBOA____ 23599	19.49 0.58 -0.95	20.19 0.39 -7.70	19.83 0.35 -8.77	20.63 0.33 -10.31	22.02 0.05 -20.50	23.90 0.39 -11.98	59.62 -0.26 -67.33	38.62 0.60 -19.21	32.44 0.56 -16.16	21.51 0.71 0.00	22.66 0.80 -0.14	20.50 0.71 -0.87	20.90 0.71 0.00	18.91 0.64 0.00	15.81 0.52 0.00	18.57 0.55 0.00	21.81 0.68 0.00	31.20 0.98 -0.22	37.92 1.07 -2.95	30.98 0.96 0.00	25.66 0.81 0.00	22.47 0.70 -0.62	22.83 0.69 -1.47	20.33 0.62 -0.93

GINNA____ 23603	17.08 -1.09 -0.22	13.18 -0.71 -1.79	12.12 -0.63 -2.05	11.80 -0.60 -2.41	6.18 -0.08 -4.79	13.66 -0.67 -2.80	8.77 0.49 -15.73	22.19 -1.10 -4.49	18.57 -0.93 -3.77	19.59 -1.21 0.00	20.47 -1.28 -0.03	17.90 -1.23 -0.20	18.91 -1.28 0.00	17.09 -1.19 0.00	14.24 -1.05 0.00	16.75 -1.28 0.00	19.72 -1.41 0.00	28.11 -1.94 -0.05	32.49 -2.08 -0.67	28.16 -1.86 0.00	23.25 -1.59 0.00	19.84 -1.46 -0.14	19.57 -1.44 -0.33	17.59 -1.40 -0.21
GLEN PARK____ 23778	17.71 -0.36 -0.11	12.64 -0.36 -0.90	11.40 -0.33 -1.03	10.97 -0.23 -1.21	3.83 -0.05 -2.41	12.63 -0.31 -1.40	0.50 0.05 -7.90	20.83 -0.22 -2.25	17.43 -0.19 -1.90	20.46 -0.34 0.00	20.96 -0.77 -0.02	18.34 -0.69 -0.11	19.42 -0.77 0.00	17.35 -0.93 0.00	14.56 -0.73 0.00	17.25 -0.78 0.00	20.42 -0.72 0.00	29.26 -0.77 -0.02	33.47 -0.78 -0.34	22.43 -0.84 6.76	16.41 -0.71 7.73	13.25 -0.62 7.28	12.78 -0.75 7.14	11.76 -0.76 6.27
GLENDALDE_27_KV_LOAD 356172	20.36 1.45 -0.95	20.79 0.94 -7.74	20.25 0.82 -8.72	21.01 0.77 -10.25	21.95 0.11 -20.37	24.35 0.91 -11.90	58.87 -0.59 -66.91	39.49 1.60 -19.09	33.14 1.37 -16.05	22.52 1.72 0.00	23.82 1.96 -0.14	21.60 1.81 -0.87	22.03 1.84 0.00	19.98 1.71 0.00	16.70 1.41 0.00	19.53 1.50 0.00	22.86 1.72 0.00	32.65 2.43 -0.22	39.64 2.81 -2.93	32.52 2.50 0.00	26.89 2.05 0.00	23.49 1.72 -0.61	23.83 1.69 -1.46	21.20 1.50 -0.92
GLENWOOD_IC_1_G5 23712	20.47 1.56 -0.95	20.88 1.04 -7.74	20.33 0.91 -8.72	21.09 0.85 -10.24	21.96 0.12 -20.36	24.42 0.98 -11.90	58.80 -0.64 -66.88	39.57 1.68 -19.08	33.24 1.47 -16.05	22.61 1.81 0.00	23.93 2.08 -0.14	21.70 1.92 -0.87	22.16 1.96 0.00	20.03 1.75 0.00	16.74 1.45 0.00	19.57 1.54 0.00	22.95 1.81 0.00	32.94 2.72 -0.22	40.03 3.20 -2.93	32.82 2.80 0.00	27.09 2.25 0.00	23.62 1.85 -0.61	23.95 1.82 -1.46	21.35 1.64 -0.92
GLENWOOD_IC_2_G1 23688	20.42 1.51 -0.95	20.85 1.01 -7.74	20.30 0.88 -8.72	21.06 0.83 -10.24	21.95 0.12 -20.36	24.39 0.95 -11.90	58.81 -0.62 -66.88	39.52 1.64 -19.08	33.19 1.42 -16.05	22.55 1.75 0.00	23.86 2.01 -0.14	21.65 1.86 -0.87	22.09 1.89 0.00	19.97 1.70 0.00	16.69 1.41 0.00	19.51 1.49 0.00	22.89 1.76 0.00	32.84 2.63 -0.22	39.91 3.08 -2.93	32.72 2.70 0.00	27.02 2.17 0.00	23.56 1.79 -0.61	23.88 1.74 -1.46	21.30 1.60 -0.92
GLENWOOD_IC_3_G1 23689	20.42 1.51 -0.95	20.85 1.01 -7.74	20.30 0.88 -8.72	21.06 0.83 -10.24	21.95 0.12 -20.36	24.39 0.95 -11.90	58.81 -0.62 -66.88	39.52 1.64 -19.08	33.19 1.42 -16.05	22.55 1.75 0.00	23.86 2.01 -0.14	21.65 1.86 -0.87	22.09 1.89 0.00	19.97 1.70 0.00	16.69 1.41 0.00	19.51 1.49 0.00	22.89 1.76 0.00	32.84 2.63 -0.22	39.91 3.08 -2.93	32.72 2.70 0.00	27.02 2.17 0.00	23.56 1.79 -0.61	23.88 1.74 -1.46	21.30 1.60 -0.92
GLENWOOD____4 23550	20.47 1.56 -0.95	20.88 1.04 -7.74	20.33 0.91 -8.72	21.09 0.85 -10.24	21.96 0.12 -20.36	24.42 0.98 -11.90	58.80 -0.64 -66.88	39.57 1.68 -19.08	33.24 1.47 -16.05	22.61 1.81 0.00	23.93 2.08 -0.14	21.70 1.92 -0.87	22.16 1.96 0.00	20.03 1.75 0.00	16.74 1.45 0.00	19.57 1.54 0.00	22.95 1.81 0.00	32.94 2.72 -0.22	40.03 3.20 -2.93	32.82 2.80 0.00	27.09 2.25 0.00	23.62 1.85 -0.61	23.95 1.82 -1.46	21.35 1.64 -0.92
GLENWOOD____5 23614	20.47 1.56 -0.95	20.88 1.04 -7.74	20.33 0.91 -8.72	21.09 0.85 -10.24	21.96 0.12 -20.36	24.42 0.98 -11.90	58.80 -0.64 -66.88	39.57 1.68 -19.08	33.24 1.47 -16.05	22.61 1.81 0.00	23.93 2.08 -0.14	21.70 1.92 -0.87	22.16 1.96 0.00	20.03 1.75 0.00	16.74 1.45 0.00	19.57 1.54 0.00	22.95 1.81 0.00	32.94 2.72 -0.22	40.03 3.20 -2.93	32.82 2.80 0.00	27.09 2.25 0.00	23.62 1.85 -0.61	23.95 1.82 -1.46	21.35 1.64 -0.92
GLOBAL GREEN_PORT_GT1 23814	21.13 2.22 -0.95	21.36 1.52 -7.74	20.75 1.33 -8.72	21.50 1.27 -10.24	22.00 0.17 -20.36	24.79 1.35 -11.90	58.45 -0.99 -66.88	40.37 2.48 -19.08	33.98 2.21 -16.05	23.30 2.50 0.00	24.60 2.74 -0.14	22.30 2.51 -0.87	22.81 2.62 0.00	20.62 2.34 0.00	17.22 1.93 0.00	20.07 2.04 0.00	23.61 2.47 0.00	34.19 3.98 -0.22	41.54 4.70 -2.93	34.13 4.11 0.00	27.92 3.07 0.00	24.29 2.52 -0.61	24.54 2.41 -1.46	21.98 2.28 -0.92
GLOBE____DSASP 323697	17.06 -1.15 -0.25	13.41 -0.70 -2.02	12.37 -0.65 -2.31	12.09 -0.62 -2.72	6.79 -0.08 -5.40	13.94 -0.75 -3.15	11.04 0.78 -17.71	22.28 -1.58 -5.06	18.63 -1.34 -4.25	19.28 -1.52 0.00	20.17 -1.59 -0.04	17.64 -1.51 -0.23	18.74 -1.46 0.00	16.88 -1.40 0.00	14.01 -1.28 0.00	16.28 -1.74 0.00	19.14 -2.00 0.00	27.23 -2.83 -0.06	31.73 -2.93 -0.75	27.43 -2.59 0.00	22.69 -2.15 0.00	19.33 -1.98 -0.16	19.15 -1.90 -0.38	17.23 -1.79 -0.24
GOETHSLN____LBMP 323567	20.19 1.28 -0.95	20.69 0.85 -7.74	20.17 0.75 -8.72	20.92 0.68 -10.25	21.94 0.10 -20.37	24.25 0.81 -11.90	58.91 -0.55 -66.90	39.31 1.42 -19.09	32.97 1.20 -16.05	22.28 1.48 0.00	23.59 1.73 -0.14	21.38 1.59 -0.87	21.80 1.61 0.00	19.77 1.49 0.00	16.50 1.21 0.00	19.32 1.30 0.00	22.63 1.49 0.00	32.37 2.15 -0.22	39.28 2.44 -2.93	32.17 2.15 0.00	26.61 1.76 0.00	23.24 1.47 -0.61	23.62 1.49 -1.46	21.02 1.31 -0.92
GOLAH____69_KV_TB 1_2 80279	17.93 -0.25 -0.23	13.80 -0.13 -1.83	12.70 -0.10 -2.10	12.35 -0.10 -2.46	6.35 -0.01 -4.89	14.27 -0.12 -2.86	8.81 0.20 -16.06	23.11 -0.27 -4.58	19.33 -0.25 -3.85	20.51 -0.29 0.00	21.41 -0.34 -0.03	18.70 -0.43 -0.21	19.81 -0.39 0.00	17.87 -0.41 0.00	14.88 -0.41 0.00	17.49 -0.53 0.00	20.61 -0.53 0.00	29.33 -0.72 -0.05	34.05 -0.53 -0.68	29.47 -0.55 0.00	24.36 -0.49 0.00	20.75 -0.55 -0.14	20.43 -0.58 -0.34	18.38 -0.62 -0.21
GOODYEAR_LAKE_HYD 323669	18.97 0.70 -0.30	15.03 0.45 -2.48	13.94 0.40 -2.83	13.69 0.38 -3.33	8.14 0.06 -6.62	15.88 0.48 -3.87	13.97 -0.31 -21.73	25.82 0.82 -6.20	21.66 0.73 -5.21	21.69 0.89 0.00	22.69 0.93 -0.05	19.99 0.78 -0.28	20.98 0.78 0.00	18.98 0.70 0.00	15.82 0.53 0.00	18.57 0.55 0.00	21.85 0.72 0.00	31.22 1.15 -0.07	36.12 1.29 -0.93	31.23 1.21 0.00	25.78 0.93 0.00	22.10 0.75 -0.19	21.86 0.72 -0.46	19.69 0.61 -0.29
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	18.63 0.27 -0.40	15.51 0.16 -3.25	14.56 0.13 -3.73	14.50 0.13 -4.38	10.20 0.02 -8.70	16.79 0.16 -5.09	21.07 -0.07 -28.59	27.27 0.31 -8.16	22.80 0.22 -6.86	21.03 0.23 0.00	22.08 0.31 -0.06	19.48 0.18 -0.37	20.39 0.19 0.00	18.43 0.15 0.00	15.36 0.07 0.00	18.04 0.01 0.00	21.23 0.10 0.00	30.33 0.24 -0.09	35.37 0.24 -1.22	30.28 0.26 0.00	25.01 0.17 0.00	21.48 0.07 -0.26	21.39 0.11 -0.61	19.25 0.08 -0.38
GOUDEY____7 23579	18.64 0.29 -0.40	15.52 0.17 -3.25	14.56 0.14 -3.73	14.50 0.14 -4.38	10.20 0.03 -8.70	16.79 0.17 -5.09	21.06 -0.08 -28.59	27.28 0.32 -8.16	22.82 0.24 -6.86	21.05 0.25 0.00	22.10 0.33 -0.06	19.49 0.20 -0.37	20.40 0.20 0.00	18.45 0.17 0.00	15.37 0.08 0.00	18.06 0.03 0.00	21.25 0.11 0.00	30.36 0.27 -0.09	35.40 0.27 -1.22	30.31 0.29 0.00	25.03 0.19 0.00	21.50 0.09 -0.26	21.41 0.13 -0.61	19.26 0.10 -0.38

GOUDEY___8 23580	18.63 0.27 -0.40	15.51 0.16 -3.25	14.56 0.13 -3.73	14.50 0.13 -4.38	10.20 0.02 -8.70	16.79 0.16 -5.09	21.07 -0.07 -28.59	27.27 0.31 -8.16	22.80 0.22 -6.86	21.03 0.23 0.00	22.08 0.31 -0.06	19.48 0.18 -0.37	20.39 0.19 0.00	18.43 0.15 0.00	15.36 0.07 0.00	18.04 0.01 0.00	21.23 0.10 0.00	30.33 0.24 -0.09	35.37 0.24 -1.22	30.28 0.26 0.00	25.01 0.17 0.00	21.48 0.07 -0.26	21.39 0.11 -0.61	19.25 0.08 -0.38
GOWANUS_GT1_1 24077	20.32 1.41 -0.95	20.77 0.92 -7.74	20.25 0.82 -8.72	21.03 0.79 -10.25	21.95 0.12 -20.37	24.38 0.94 -11.90	58.88 -0.58 -66.91	39.48 1.58 -19.09	33.13 1.36 -16.05	22.49 1.68 0.00	23.79 1.94 -0.14	21.58 1.79 -0.87	22.00 1.81 0.00	19.97 1.69 0.00	16.67 1.38 0.00	19.50 1.47 0.00	22.83 1.70 0.00	32.59 2.37 -0.22	39.55 2.72 -2.93	32.57 2.55 0.00	26.94 2.09 0.00	23.53 1.76 -0.61	23.86 1.73 -1.46	21.24 1.53 -0.92
GOWANUS_GT1_2 24078	20.32 1.41 -0.95	20.77 0.92 -7.74	20.25 0.82 -8.72	21.03 0.79 -10.25	21.95 0.12 -20.37	24.38 0.94 -11.90	58.88 -0.58 -66.91	39.48 1.58 -19.09	33.13 1.36 -16.05	22.49 1.68 0.00	23.79 1.94 -0.14	21.58 1.79 -0.87	22.00 1.81 0.00	19.97 1.69 0.00	16.67 1.38 0.00	19.50 1.47 0.00	22.83 1.70 0.00	32.59 2.37 -0.22	39.55 2.72 -2.93	32.57 2.55 0.00	26.94 2.09 0.00	23.53 1.76 -0.61	23.86 1.73 -1.46	21.24 1.53 -0.92
GOWANUS_GT1_3 24079	20.32 1.41 -0.95	20.77 0.92 -7.74	20.25 0.82 -8.72	21.03 0.79 -10.25	21.95 0.12 -20.37	24.38 0.94 -11.90	58.88 -0.58 -66.91	39.48 1.58 -19.09	33.13 1.36 -16.05	22.49 1.68 0.00	23.79 1.94 -0.14	21.58 1.79 -0.87	22.00 1.81 0.00	19.97 1.69 0.00	16.67 1.38 0.00	19.50 1.47 0.00	22.83 1.70 0.00	32.59 2.37 -0.22	39.55 2.72 -2.93	32.57 2.55 0.00	26.94 2.09 0.00	23.53 1.76 -0.61	23.86 1.73 -1.46	21.24 1.53 -0.92
GOWANUS_GT1_4 24080	20.32 1.41 -0.95	20.77 0.92 -7.74	20.25 0.82 -8.72	21.03 0.79 -10.25	21.95 0.12 -20.37	24.38 0.94 -11.90	58.88 -0.58 -66.91	39.48 1.58 -19.09	33.13 1.36 -16.05	22.49 1.68 0.00	23.79 1.94 -0.14	21.58 1.79 -0.87	22.00 1.81 0.00	19.97 1.69 0.00	16.67 1.38 0.00	19.50 1.47 0.00	22.83 1.70 0.00	32.59 2.37 -0.22	39.55 2.72 -2.93	32.57 2.55 0.00	26.94 2.09 0.00	23.53 1.76 -0.61	23.86 1.73 -1.46	21.24 1.53 -0.92
GOWANUS_GT1_5 24084	20.32 1.41 -0.95	20.77 0.92 -7.74	20.25 0.82 -8.72	21.03 0.79 -10.25	21.95 0.12 -20.37	24.38 0.94 -11.90	58.88 -0.58 -66.91	39.48 1.58 -19.09	33.13 1.36 -16.05	22.49 1.68 0.00	23.79 1.94 -0.14	21.58 1.79 -0.87	22.00 1.81 0.00	19.97 1.69 0.00	16.67 1.38 0.00	19.50 1.47 0.00	22.83 1.70 0.00	32.59 2.37 -0.22	39.55 2.72 -2.93	32.57 2.55 0.00	26.94 2.09 0.00	23.53 1.76 -0.61	23.86 1.73 -1.46	21.24 1.53 -0.92
GOWANUS_GT1_6 24111	20.32 1.41 -0.95	20.77 0.92 -7.74	20.25 0.82 -8.72	21.03 0.79 -10.25	21.95 0.12 -20.37	24.38 0.94 -11.90	58.88 -0.58 -66.91	39.48 1.58 -19.09	33.13 1.36 -16.05	22.49 1.68 0.00	23.79 1.94 -0.14	21.58 1.79 -0.87	22.00 1.81 0.00	19.97 1.69 0.00	16.67 1.38 0.00	19.50 1.47 0.00	22.83 1.70 0.00	32.59 2.37 -0.22	39.55 2.72 -2.93	32.57 2.55 0.00	26.94 2.09 0.00	23.53 1.76 -0.61	23.86 1.73 -1.46	21.24 1.53 -0.92
GOWANUS_GT1_7 24112	20.32 1.41 -0.95	20.77 0.92 -7.74	20.25 0.82 -																					

GOWANUS_GT2_7 24120	20.32 1.41 -0.96	20.76 0.92 -7.74	20.24 0.82 -8.72	21.02 0.79 -10.25	21.96 0.12 -20.37	24.38 0.94 -11.90	58.88 -0.58 -66.91	39.48 1.58 -19.09	33.13 1.36 -16.05	22.49 1.69 0.00	23.79 1.94 -0.14	21.58 1.79 -0.87	22.00 1.81 0.00	19.97 1.69 0.00	16.67 1.38 0.00	19.50 1.47 0.00	22.84 1.71 0.00	32.60 2.38 -0.22	39.56 2.72 -2.93	32.57 2.55 0.00	26.94 2.09 0.00	23.53 1.76 -0.61	23.85 1.72 -1.46	21.24 1.53 -0.92
GOWANUS_GT2_8 24121	20.32 1.41 -0.96	20.76 0.92 -7.74	20.24 0.82 -8.72	21.02 0.79 -10.25	21.96 0.12 -20.37	24.38 0.94 -11.90	58.88 -0.58 -66.91	39.48 1.58 -19.09	33.13 1.36 -16.05	22.49 1.69 0.00	23.79 1.94 -0.14	21.58 1.79 -0.87	22.00 1.81 0.00	19.97 1.69 0.00	16.67 1.38 0.00	19.50 1.47 0.00	22.84 1.71 0.00	32.60 2.38 -0.22	39.56 2.72 -2.93	32.57 2.55 0.00	26.94 2.09 0.00	23.53 1.76 -0.61	23.85 1.72 -1.46	21.24 1.53 -0.92
GOWANUS_GT3_1 24122	20.32 1.41 -0.96	20.76 0.92 -7.74	20.24 0.82 -8.72	21.02 0.79 -10.25	21.96 0.12 -20.37	24.38 0.94 -11.90	58.88 -0.58 -66.91	39.48 1.58 -19.09	33.13 1.36 -16.05	22.49 1.69 0.00	23.79 1.94 -0.14	21.58 1.79 -0.87	22.00 1.81 0.00	19.97 1.69 0.00	16.67 1.38 0.00	19.50 1.47 0.00	22.84 1.71 0.00	32.60 2.38 -0.22	39.56 2.72 -2.93	32.57 2.55 0.00	26.94 2.09 0.00	23.53 1.76 -0.61	23.85 1.72 -1.46	21.24 1.53 -0.92
GOWANUS_GT3_2 24123	20.32 1.41 -0.96	20.76 0.92 -7.74	20.24 0.82 -8.72	21.02 0.79 -10.25	21.96 0.12 -20.37	24.38 0.94 -11.90	58.88 -0.58 -66.91	39.48 1.58 -19.09	33.13 1.36 -16.05	22.49 1.69 0.00	23.79 1.94 -0.14	21.58 1.79 -0.87	22.00 1.81 0.00	19.97 1.69 0.00	16.67 1.38 0.00	19.50 1.47 0.00	22.84 1.71 0.00	32.60 2.38 -0.22	39.56 2.72 -2.93	32.57 2.55 0.00	26.94 2.09 0.00	23.53 1.76 -0.61	23.85 1.72 -1.46	21.24 1.53 -0.92
GOWANUS_GT3_3 24124	20.32 1.41 -0.96	20.76 0.92 -7.74	20.24 0.82 -8.72	21.02 0.79 -10.25	21.96 0.12 -20.37	24.38 0.94 -11.90	58.88 -0.58 -66.91	39.48 1.58 -19.09	33.13 1.36 -16.05	22.49 1.69 0.00	23.79 1.94 -0.14	21.58 1.79 -0.87	22.00 1.81 0.00	19.97 1.69 0.00	16.67 1.38 0.00	19.50 1.47 0.00	22.84 1.71 0.00	32.60 2.38 -0.22	39.56 2.72 -2.93	32.57 2.55 0.00	26.94 2.09 0.00	23.53 1.76 -0.61	23.85 1.72 -1.46	21.24 1.53 -0.92
GOWANUS_GT3_4 24125	20.32 1.41 -0.96	20.76 0.92 -7.74	20.24 0.82 -8.72	21.02 0.79 -10.25	21.96 0.12 -20.37	24.38 0.94 -11.90	58.88 -0.58 -66.91	39.48 1.58 -19.09	33.13 1.36 -16.05	22.49 1.69 0.00	23.79 1.94 -0.14	21.58 1.79 -0.87	22.00 1.81 0.00	19.97 1.69 0.00	16.67 1.38 0.00	19.50 1.47 0.00	22.84 1.71 0.00	32.60 2.38 -0.22	39.56 2.72 -2.93	32.57 2.55 0.00	26.94 2.09 0.00	23.53 1.76 -0.61	23.85 1.72 -1.46	21.24 1.53 -0.92
GOWANUS_GT3_5 24126	20.32 1.41 -0.96	20.76 0.92 -7.74	20.24 0.82 -8.72	21.02 0.79 -10.25	21.96 0.12 -20.37	24.38 0.94 -11.90	58.88 -0.58 -66.91	39.48 1.58 -19.09	33.13 1.36 -16.05	22.49 1.69 0.00	23.79 1.94 -0.14	21.58 1.79 -0.87	22.00 1.81 0.00	19.97 1.69 0.00	16.67 1.38 0.00	19.50 1.47 0.00	22.84 1.71 0.00	32.60 2.38 -0.22	39.56 2.72 -2.93	32.57 2.55 0.00	26.94 2.09 0.00	23.53 1.76 -0.61	23.85 1.72 -1.46	21.24 1.53 -0.92
GOWANUS_GT3_6 24127	20.32 1.41 -0.96	20.76 0.92 -7.74	20.24 																					

GOWANUS_GT4_6 24135	20.32 1.41 -0.95	20.77 0.92 -7.74	20.25 0.82 -8.72	21.03 0.79 -10.25	21.95 0.12 -20.37	24.38 0.94 -11.90	58.88 -0.58 -66.91	39.48 1.58 -19.09	33.13 1.36 -16.05	22.49 1.68 0.00	23.79 1.94 -0.14	21.58 1.79 -0.87	22.00 1.81 0.00	19.97 1.69 0.00	16.67 1.38 0.00	19.50 1.47 0.00	22.83 1.70 0.00	32.59 2.37 -0.22	39.55 2.72 -2.93	32.57 2.55 0.00	26.94 2.09 0.00	23.53 1.76 -0.61	23.86 1.73 -1.46	21.24 1.53 -0.92
GOWANUS_GT4_7 24136	20.32 1.41 -0.95	20.77 0.92 -7.74	20.25 0.82 -8.72	21.03 0.79 -10.25	21.95 0.12 -20.37	24.38 0.94 -11.90	58.88 -0.58 -66.91	39.48 1.58 -19.09	33.13 1.36 -16.05	22.49 1.68 0.00	23.79 1.94 -0.14	21.58 1.79 -0.87	22.00 1.81 0.00	19.97 1.69 0.00	16.67 1.38 0.00	19.50 1.47 0.00	22.83 1.70 0.00	32.59 2.37 -0.22	39.55 2.72 -2.93	32.57 2.55 0.00	26.94 2.09 0.00	23.53 1.76 -0.61	23.86 1.73 -1.46	21.24 1.53 -0.92
GOWANUS_GT4_8 24137	20.32 1.41 -0.95	20.77 0.92 -7.74	20.25 0.82 -8.72	21.03 0.79 -10.25	21.95 0.12 -20.37	24.38 0.94 -11.90	58.88 -0.58 -66.91	39.48 1.58 -19.09	33.13 1.36 -16.05	22.49 1.68 0.00	23.79 1.94 -0.14	21.58 1.79 -0.87	22.00 1.81 0.00	19.97 1.69 0.00	16.67 1.38 0.00	19.50 1.47 0.00	22.83 1.70 0.00	32.59 2.37 -0.22	39.55 2.72 -2.93	32.57 2.55 0.00	26.94 2.09 0.00	23.53 1.76 -0.61	23.86 1.73 -1.46	21.24 1.53 -0.92
GREENBSH_115KV_TB3 55895	19.53 0.40 -1.17	21.93 0.31 -9.52	21.82 0.27 -10.84	22.98 0.25 -12.75	26.84 0.03 -25.34	26.61 0.26 -14.81	75.58 -0.18 -83.21	43.05 0.53 -23.72	36.09 0.42 -19.94	21.32 0.52 0.00	22.48 0.59 -0.17	20.49 0.49 -1.08	20.67 0.47 0.00	18.72 0.44 0.00	15.71 0.42 0.00	18.44 0.42 0.00	21.64 0.51 0.00	31.00 0.73 -0.27	38.42 0.89 -3.63	30.69 0.67 0.00	25.44 0.59 0.00	22.46 0.54 -0.76	23.00 0.51 -1.81	20.44 0.52 -1.14
GREENDGE_115KV_TB5 80291	18.29 0.04 -0.29	14.46 0.00 -2.37	13.38 -0.03 -2.71	13.16 -0.02 -3.19	7.82 0.00 -6.35	15.27 0.02 -3.71	13.45 0.03 -20.87	24.87 0.11 -5.96	20.77 0.04 -5.01	20.76 -0.05 0.00	21.65 -0.11 -0.04	18.97 -0.22 -0.27	19.98 -0.22 0.00	18.03 -0.25 0.00	15.00 -0.28 0.00	17.66 -0.37 0.00	20.87 -0.26 0.00	29.82 -0.25 -0.07	34.38 -0.41 -0.88	29.82 -0.20 0.00	24.61 -0.24 0.00	21.01 -0.33 -0.18	20.84 -0.28 -0.44	18.75 -0.31 -0.28
GREENIDGE___3 23582	18.29 0.04 -0.29	14.46 0.00 -2.37	13.38 -0.03 -2.71	13.16 -0.02 -3.19	7.82 0.00 -6.35	15.27 0.02 -3.71	13.45 0.03 -20.87	24.87 0.11 -5.96	20.77 0.04 -5.01	20.76 -0.05 0.00	21.65 -0.11 -0.04	18.97 -0.22 -0.27	19.98 -0.22 0.00	18.03 -0.25 0.00	15.00 -0.28 0.00	17.66 -0.37 0.00	20.87 -0.26 0.00	29.82 -0.25 -0.07	34.38 -0.41 -0.88	29.82 -0.20 0.00	24.61 -0.24 0.00	21.01 -0.33 -0.18	20.84 -0.28 -0.44	18.75 -0.31 -0.28
GREENIDGE___4 23583	18.29 0.04 -0.29	14.46 0.00 -2.37	13.39 -0.03 -2.71	13.16 -0.02 -3.19	7.82 0.00 -6.35	15.27 0.02 -3.71	13.45 0.03 -20.87	24.87 0.11 -5.96	20.77 0.04 -5.01	20.75 -0.05 0.00	21.66 -0.10 -0.04	18.97 -0.22 -0.27	19.98 -0.21 0.00	18.03 -0.25 0.00	15.00 -0.28 0.00	17.66 -0.37 0.00	20.87 -0.26 0.00	29.82 -0.25 -0.07	34.37 -0.41 -0.88	29.83 -0.19 0.00	24.61 -0.24 0.00	21.01 -0.33 -0.18	20.86 -0.26 -0.44	18.75 -0.31 -0.28
GREENLWN_69_KV_BK 3 55738	20.37 1.45 -0.95	20.83 0.99 -7.74	20.29 0.87 -8.72	21.05 0.82 -10.24	21.94 0.11 -20.36	24.33 0.89 -11.90	58.85 -0.58 -66.88	39.41 1.52 -19.08	33.12 1.35 -16.05	22.42 1.61 0.00	23.73 1.87 -0.14	21.55 1.77 -0.87	22.00 1.81 0.00	19.88 1.60 0.00	16.59 1.31 0.00	19.37 1.35 0.00	22.72 1.59 0.00	32.65 2.44 -0.22	39.68 2.84 -2.93	32.54 2.51 0.00	26.83 1.98 0.00	23.39 1.62 -0.61	23.73 1.60 -1.46	21.20 1.49 -0.92
GREENWD_138_KV_38B11_REV_LBMP_J 345004	20.32 1.41 -0.95	20.77 0.92 -7.74	20.25 0.82 -8.72	21.03 0.79 -10.25	21.95 0.12 -20.37	24.38 0.94 -11.90	58.88 -0.58 -66.91	39.48 1.58 -19.09	33.13 1.36 -16.05	22.49 1.68 0.00	23.79 1.94 -0.14	21.58 1.79 -0.87	22.00 1.81 0.00	19.97 1.69 0.00	16.67 1.38 0.00	19.50 1.47 0.00	22.83 1.70 0.00	32.59 2.37 -0.22	39.55 2.72 -2.93	32.57 2.55 0.00	26.94 2.09 0.00	23.53 1.76 -0.61	23.86 1.73 -1.46	21.24 1.53 -0.92
GRISSOM___SOLAR 323813	20.50 1.13 -1.42	24.39 0.80 -11.49	24.53 0.72 -13.11	26.05 0.66 -15.41	32.18 0.08 -30.62	30.19 0.75 -17.89	92.60 -0.53 -100.58	48.67 1.17 -28.69	40.71 0.86 -24.13	21.08 0.27 0.00	22.26 0.33 -0.21	20.53 0.31 -1.31	20.50 0.30 0.00	18.49 0.21 0.00	15.50 0.21 0.00	18.53 0.50 0.00	22.33 1.19 0.00	32.93 2.61 -0.32	40.71 2.42 -4.39	32.34 2.32 0.00	26.47 1.62 0.00	23.48 1.40 -0.92	24.34 1.48 -2.19	21.47 1.30 -1.38
GROVEVILLE___HYD 323602	20.21 1.31 -0.95	20.66 0.87 -7.69	20.25 0.77 -8.77	21.02 0.73 -10.31	22.07 0.11 -20.49	24.39 0.88 -11.98	59.26 -0.60 -67.31	39.58 1.57 -19.21	33.18 1.30 -16.15	22.41 1.61 0.00	23.63 1.77 -0.14	21.35 1.56 -0.87	21.77 1.58 0.00	19.71 1.43 0.00	16.47 1.18 0.00	19.34 1.31 0.00	22.72 1.58 0.00	32.56 2.34 -0.22	39.57 2.72 -2.95	32.37 2.35 0.00	26.76 1.91 0.00	23.37 1.60 -0.62	23.72 1.57 -1.47	21.10 1.39 -0.93
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	18.23 0.07 -0.21	13.81 0.04 -1.67	12.64 0.02 -1.92	12.26 0.02 -2.25	5.95 0.01 -4.48	14.20 0.04 -2.62	7.24 -0.02 -14.71	23.10 0.10 -4.20	19.36 0.11 -3.53	20.88 0.08 0.00	21.83 0.08 -0.03	19.26 0.15 -0.19	20.34 0.15 0.00	18.39 0.12 0.00	15.34 0.05 0.00	17.97 -0.05 0.00	21.01 -0.12 0.00	29.95 -0.09 -0.04	34.39 -0.11 -0.60	29.93 -0.09 0.00	24.72 -0.12 0.00	21.15 -0.13 -0.13	20.87 -0.10 -0.30	18.85 -0.12 -0.19
HAMLTNNY_34_KV_TB 80303	18.30 0.13 -0.22	13.93 0.08 -1.76	12.77 0.05 -2.01	12.41 0.06 -2.37	6.18 0.01 -4.70	14.39 0.10 -2.75	7.95 -0.04 -15.44	23.43 0.22 -4.41	19.61 0.19 -3.71	21.00 0.20 0.00	21.96 0.22 -0.03	19.33 0.21 -0.19	20.43 0.23 0.00	18.47 0.19 0.00	15.41 0.13 0.00	18.08 0.05 0.00	21.07 -0.06 0.00	29.98 -0.07 -0.05	34.52 0.00 -0.62	29.98 -0.04 0.00	24.82 -0.03 0.00	21.21 -0.07 -0.13	20.92 -0.07 -0.31	18.88 -0.10 -0.20
HAMPSHIRE___PAPER_HYD 323593	17.67 -0.34 -0.06	12.23 -0.31 -0.45	10.94 -0.27 -0.51	10.41 -0.18 -0.60	2.62 -0.04 -1.20	11.94 -0.30 -0.70	-3.46 0.05 -3.94	19.56 -0.36 -1.12	16.38 -0.28 -0.94	20.43 -0.37 0.00	21.14 -0.59 -0.01	18.43 -0.55 -0.05	19.59 -0.61 0.00	17.62 -0.66 0.00	14.81 -0.48 0.00	17.54 -0.49 0.00	20.54 -0.60 0.00	29.27 -0.74 -0.01	33.23 -0.83 -0.17	9.91 -0.92 19.19	2.21 -0.72 21.91	-0.28 -0.63 20.81	-0.66 -0.73 20.61	0.10 -0.66 18.02
HARDSCRABBLE_WT_PWR 323673	18.44 0.45 -0.03	12.63 0.32 -0.22	11.24 0.29 -0.24	10.55 0.27 -0.29	2.07 0.03 -0.58	12.13 0.26 -0.34	-5.83 -0.27 -1.88	19.87 0.53 -0.54	16.69 0.52 -0.45	21.10 0.30 0.00	21.93 0.21 0.00	19.05 0.10 -0.03	20.13 -0.07 0.00	18.18 -0.10 0.00	15.21 -0.08 0.00	18.00 -0.03 0.00	21.26 0.13 0.00	30.71 0.70 -0.01	34.61 0.63 -0.08	32.81 0.63 -2.16	27.57 0.31 -2.41	23.73 0.28 -2.29	23.28 0.31 -2.30	21.03 0.22 -2.03

HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	19.89 1.07 -0.86	19.79 0.72 -6.97	19.52 0.68 -8.14	20.19 0.64 -9.57	20.57 0.09 -19.01	23.41 0.76 -11.11	54.44 -0.54 -62.44	38.00 1.39 -17.81	31.85 1.18 -14.95	22.23 1.43 0.00	23.44 1.60 -0.13	21.14 1.41 -0.81	21.62 1.42 0.00	19.56 1.28 0.00	16.34 1.06 0.00	19.18 1.16 0.00	22.53 1.40 0.00	32.34 2.14 -0.20	39.04 2.40 -2.73	32.14 2.12 0.00	26.52 1.67 0.00	23.13 1.40 -0.57	23.45 1.41 -1.36	20.88 1.24 -0.86
HARSNRAD_115KV_TB1 81005	17.35 -0.86 -0.25	13.58 -0.53 -2.00	12.50 -0.50 -2.30	12.22 -0.47 -2.70	6.77 -0.06 -5.36	14.10 -0.57 -3.13	10.72 0.58 -17.59	22.68 -1.14 -5.02	18.99 -0.95 -4.22	19.75 -1.05 0.00	20.64 -1.11 -0.04	18.02 -1.13 -0.23	19.14 -1.06 0.00	17.24 -1.04 0.00	14.31 -0.98 0.00	16.67 -1.36 0.00	19.61 -1.53 0.00	27.96 -2.09 -0.06	32.54 -2.11 -0.75	28.16 -1.86 0.00	23.26 -1.59 0.00	19.79 -1.52 -0.16	19.59 -1.46 -0.37	17.61 -1.41 -0.24
HARZA MOOSE__RIVER 24016	18.05 0.03 -0.07	12.59 -0.07 -0.57	11.31 -0.04 -0.65	10.80 0.04 -0.77	2.97 -0.02 -1.52	12.34 -0.08 -0.89	-2.55 -0.10 -5.00	20.27 0.04 -1.43	17.01 0.09 -1.20	20.84 0.04 0.00	21.58 -0.14 -0.01	18.80 -0.18 -0.07	19.90 -0.30 0.00	17.92 -0.36 0.00	15.01 -0.28 0.00	17.74 -0.28 0.00	20.90 -0.23 0.00	29.86 -0.16 -0.02	33.86 -0.26 -0.21	25.95 -0.27 3.80	20.15 -0.32 4.38	16.75 -0.27 4.14	16.33 -0.30 4.04	14.94 -0.31 3.53
HDSNBRDG_115KV_BRDG_TB1 355580	18.07 -0.08 -0.19	13.60 -0.06 -1.56	12.43 -0.06 -1.79	12.03 -0.05 -2.10	5.64 -0.01 -4.18	13.93 -0.05 -2.44	6.31 0.05 -13.71	22.66 -0.05 -3.92	18.97 -0.04 -3.29	20.71 -0.09 0.00	21.64 -0.10 -0.03	18.97 -0.13 -0.18	20.04 -0.15 0.00	18.12 -0.16 0.00	15.12 -0.17 0.00	17.77 -0.25 0.00	20.91 -0.23 0.00	29.75 -0.29 -0.04	34.17 -0.30 -0.57	29.76 -0.26 0.00	24.60 -0.25 0.00	21.05 -0.23 -0.12	20.74 -0.22 -0.28	18.72 -0.24 -0.18
HELLGATE_13_KV_LD 55870	20.29 1.38 -0.95	20.74 0.90 -7.74	20.21 0.79 -8.72	20.97 0.73 -10.25	21.95 0.11 -20.37	24.31 0.86 -11.90	58.91 -0.55 -66.91	39.38 1.49 -19.09	33.06 1.29 -16.05	22.41 1.61 0.00	23.70 1.84 -0.14	21.50 1.71 -0.87	21.92 1.73 0.00	19.88 1.61 0.00	16.62 1.34 0.00	19.43 1.41 0.00	22.74 1.60 0.00	32.48 2.26 -0.22	39.45 2.61 -2.93	32.36 2.34 0.00	26.76 1.91 0.00	23.38 1.61 -0.61	23.72 1.59 -1.46	21.11 1.40 -0.92
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	20.29 1.38 -0.95	20.74 0.90 -7.74	20.21 0.79 -8.72	20.97 0.73 -10.25	21.95 0.11 -20.37	24.31 0.86 -11.90	58.91 -0.55 -66.91	39.38 1.49 -19.09	33.06 1.29 -16.05	22.41 1.61 0.00	23.70 1.84 -0.14	21.50 1.71 -0.87	21.92 1.73 0.00	19.88 1.61 0.00	16.62 1.34 0.00	19.43 1.41 0.00	22.74 1.60 0.00	32.48 2.26 -0.22	39.45 2.61 -2.93	32.36 2.34 0.00	26.76 1.91 0.00	23.38 1.61 -0.61	23.72 1.59 -1.46	21.11 1.40 -0.92
HEMPSTEAD____ 23647	20.37 1.46 -0.95	20.82 0.98 -7.74	20.27 0.85 -8.72	21.04 0.80 -10.24	21.95 0.12 -20.36	24.36 0.92 -11.90	58.85 -0.58 -66.88	39.46 1.57 -19.08	33.15 1.38 -16.05	22.49 1.69 0.00	23.81 1.95 -0.14	21.60 1.81 -0.87	22.04 1.84 0.00	19.93 1.65 0.00	16.65 1.36 0.00	19.45 1.43 0.00	22.82 1.69 0.00	32.76 2.55 -0.22	39.87 3.04 -2.93	32.66 2.64 0.00	26.96 2.12 0.00	23.51 1.74 -0.61	23.82 1.68 -1.46	21.25 1.55 -0.92
HEWLETT__69_KV_BK3 55828	20.54 1.63 -0.95	20.93 1.08 -7.74	20.37 0.94 -8.72	21.12 0.88 -10.24	21.96 0.12 -20.36	24.44 1.01 -11.90	58.80 -0.63 -66.88	39.57 1.69 -19.08	33.23 1.46 -16.05	22.63 1.83 0.00	23.95 2.10 -0.14	21.74 1.96 -0.87	22.18 1.99 0.00	20.05 1.78 0.00	16.76 1.47 0.00	19.57 1.55 0.00	22.96 1.82 0.00	32.98 2.76 -0.22	40.05 3.22 -2.93	32.87 2.85 0.00	27.10 2.26 0.00	23.65 1.88 -0.61	24.01 1.87 -1.46	21.40 1.70 -0.92
HICKLING____1 23621	18.41 0.11 -0.34	14.90 0.03 -2.77	13.87 0.00 -3.17	13.73 0.01 -3.73	8.90 0.02 -7.42	15.91 0.04 -4.34	16.98 0.05 -24.38	25.92 0.16 -6.96	21.55 -0.02 -5.85	20.78 -0.02 0.00	21.83 0.06 -0.05	19.14 -0.10 -0.32	20.12 -0.07 0.00	18.17 -0.11 0.00	15.09 -0.19 0.00	17.72 -0.30 0.00	20.90 -0.24 0.00	29.84 -0.23 -0.08	34.74 -0.20 -1.04	29.83 -0.19 0.00	24.65 -0.20 0.00	21.07 -0.30 -0.22	20.91 -0.27 -0.52	18.84 -0.27 -0.33
HICKLING____2 23622	18.41 0.11 -0.34	14.90 0.03 -2.77	13.87 0.00 -3.17	13.73 0.01 -3.73	8.90 0.02 -7.42	15.91 0.04 -4.34	16.98 0.05 -24.38	25.92 0.16 -6.96	21.55 -0.02 -5.85	20.78 -0.02 0.00	21.83 0.06 -0.05	19.14 -0.10 -0.32	20.12 -0.07 0.00	18.17 -0.11 0.00	15.09 -0.19 0.00	17.72 -0.30 0.00	20.90 -0.24 0.00	29.84 -0.23 -0.08	34.74 -0.20 -1.04	29.83 -0.19 0.00	24.65 -0.20 0.00	21.07 -0.30 -0.22	20.91 -0.27 -0.52	18.84 -0.27 -0.33
HIGH FALLS____HY 23754	20.20 1.32 -0.93	20.51 0.86 -7.55	20.12 0.78 -8.63	20.87 0.74 -10.15	21.74 0.10 -20.17	24.18 0.85 -11.78	58.17 -0.62 -66.24	39.27 1.57 -18.90	32.98 1.37 -15.89	22.36 1.56 0.00	23.53 1.67 -0.14	21.24 1.46 -0.86	21.63 1.44 0.00	19.56 1.28 0.00	16.33 1.04 0.00	19.19 1.17 0.00	22.59 1.45 0.00	32.60 2.38 -0.21	39.47 2.67 -2.90	32.50 2.47 0.00	26.73 1.88 0.00	23.32 1.55 -0.61	23.74 1.62 -1.45	21.10 1.40 -0.91
HILLBURN____GT 23639	19.86 1.03 -0.87	19.85 0.70 -7.05	19.64 0.68 -8.26	20.34 0.64 -9.71	20.85 0.09 -19.30	23.56 0.74 -11.27	55.39 -0.54 -63.38	38.25 1.37 -18.08	32.06 1.20 -15.14	22.25 1.45 0.00	23.48 1.63 -0.13	21.17 1.43 -0.82	21.64 1.44 0.00	19.58 1.30 0.00	16.35 1.07 0.00	19.18 1.15 0.00	22.50 1.37 0.00	32.34 2.14 -0.20	39.02 2.34 -2.78	32.14 2.12 0.00	26.46 1.62 0.00	23.09 1.35 -0.58	23.47 1.41 -1.39	20.90 1.24 -0.87
HILLSIDE_115KV_TB1 80332	18.33 0.03 -0.35	14.91 -0.03 -2.84	13.90 -0.05 -3.25	13.78 -0.02 -3.82	9.07 0.00 -7.59	15.95 -0.03 -4.44	17.59 0.09 -24.95	25.97 0.05 -7.12	21.63 -0.07 -5.99	20.65 -0.15 0.00	21.73 -0.03 -0.05	19.10 -0.14 -0.32	20.08 -0.12 0.00	18.15 -0.13 0.00	15.09 -0.20 0.00	17.71 -0.31 0.00	20.84 -0.30 0.00	29.78 -0.30 -0.08	34.56 -0.40 -1.06	29.74 -0.28 0.00	24.54 -0.31 0.00	21.00 -0.38 -0.22	20.91 -0.29 -0.53	18.85 -0.26 -0.33
HISHELDN_WT_PWR 323625	17.46 -0.77 -0.27	13.80 -0.51 -2.21	12.76 -0.48 -2.53	12.53 -0.43 -2.98	7.33 -0.06 -5.92	14.45 -0.55 -3.46	12.50 0.52 -19.43	23.32 -1.02 -5.54	19.45 -0.94 -4.66	19.75 -1.06 0.00	20.72 -1.04 -0.04	18.04 -1.13 -0.25	19.08 -1.11 0.00	17.19 -1.09 0.00	14.23 -1.05 0.00	16.62 -1.40 0.00	19.65 -1.49 0.00	28.07 -1.99 -0.06	32.71 -2.02 -0.83	28.18 -1.84 0.00	23.22 -1.62 0.00	19.77 -1.56 -0.17	19.64 -1.45 -0.41	17.64 -1.40 -0.26
HOLTSVILLE_IC_1 23690	20.58 1.68 -0.95	20.98 1.14 -7.74	20.42 1.00 -8.72	21.18 0.95 -10.24	21.96 0.13 -20.36	24.43 0.99 -11.90	58.76 -0.67 -66.88	39.62 1.73 -19.08	33.34 1.57 -16.05	22.61 1.81 0.00	23.92 2.06 -0.14	21.74 1.96 -0.87	22.21 2.01 0.00	20.06 1.79 0.00	16.74 1.46 0.00	19.51 1.48 0.00	22.89 1.75 0.00	32.98 2.76 -0.22	40.06 3.23 -2.93	32.87 2.85 0.00	27.01 2.16 0.00	23.55 1.78 -0.61	23.90 1.76 -1.46	21.40 1.70 -0.92

HOLTSVILLE_IC_10 23699	20.66 1.75 -0.95	21.03 1.19 -7.74	20.46 1.04 -8.72	21.22 0.99 -10.24	21.97 0.13 -20.36	24.49 1.05 -11.90	58.72 -0.71 -66.88	39.73 1.84 -19.08	33.42 1.66 -16.05	22.73 1.93 0.00	24.04 2.18 -0.14	21.84 2.05 -0.87	22.30 2.11 0.00	20.15 1.87 0.00	16.82 1.53 0.00	19.60 1.57 0.00	23.00 1.87 0.00	33.15 2.93 -0.22	40.29 3.45 -2.93	33.03 3.01 0.00	27.15 2.30 0.00	23.68 1.91 -0.61	24.00 1.86 -1.46	21.49 1.78 -0.92
HOLTSVILLE_IC_2 23691	20.58 1.68 -0.95	20.98 1.14 -7.74	20.42 1.00 -8.72	21.18 0.95 -10.24	21.96 0.13 -20.36	24.43 0.99 -11.90	58.76 -0.67 -66.88	39.62 1.73 -19.08	33.34 1.57 -16.05	22.61 1.81 0.00	23.92 2.06 -0.14	21.74 1.96 -0.87	22.21 2.01 0.00	20.06 1.79 0.00	16.74 1.46 0.00	19.51 1.48 0.00	22.89 1.75 0.00	32.98 2.76 -0.22	40.06 3.23 -2.93	32.87 2.85 0.00	27.01 2.16 0.00	23.55 1.78 -0.61	23.90 1.76 -1.46	21.40 1.70 -0.92
HOLTSVILLE_IC_3 23692	20.58 1.68 -0.95	20.98 1.14 -7.74	20.42 1.00 -8.72	21.18 0.95 -10.24	21.96 0.13 -20.36	24.43 0.99 -11.90	58.76 -0.67 -66.88	39.62 1.73 -19.08	33.34 1.57 -16.05	22.61 1.81 0.00	23.92 2.06 -0.14	21.74 1.96 -0.87	22.21 2.01 0.00	20.06 1.79 0.00	16.74 1.46 0.00	19.51 1.48 0.00	22.89 1.75 0.00	32.98 2.76 -0.22	40.06 3.23 -2.93	32.87 2.85 0.00	27.01 2.16 0.00	23.55 1.78 -0.61	23.90 1.76 -1.46	21.40 1.70 -0.92
HOLTSVILLE_IC_4 23693	20.58 1.68 -0.95	20.98 1.14 -7.74	20.42 1.00 -8.72	21.18 0.95 -10.24	21.96 0.13 -20.36	24.43 0.99 -11.90	58.76 -0.67 -66.88	39.62 1.73 -19.08	33.34 1.57 -16.05	22.61 1.81 0.00	23.92 2.06 -0.14	21.74 1.96 -0.87	22.21 2.01 0.00	20.06 1.79 0.00	16.74 1.46 0.00	19.51 1.48 0.00	22.89 1.75 0.00	32.98 2.76 -0.22	40.06 3.23 -2.93	32.87 2.85 0.00	27.01 2.16 0.00	23.55 1.78 -0.61	23.90 1.76 -1.46	21.40 1.70 -0.92
HOLTSVILLE_IC_5 23694	20.58 1.68 -0.95	20.98 1.14 -7.74	20.42 1.00 -8.72	21.18 0.95 -10.24	21.96 0.13 -20.36	24.43 0.99 -11.90	58.76 -0.67 -66.88	39.62 1.73 -19.08	33.34 1.57 -16.05	22.61 1.81 0.00	23.92 2.06 -0.14	21.74 1.96 -0.87	22.21 2.01 0.00	20.06 1.79 0.00	16.74 1.46 0.00	19.51 1.48 0.00	22.89 1.75 0.00	32.98 2.76 -0.22	40.06 3.23 -2.93	32.87 2.85 0.00	27.01 2.16 0.00	23.55 1.78 -0.61	23.90 1.76 -1.46	21.40 1.70 -0.92
HOLTSVILLE_IC_6 23695	20.66 1.75 -0.95	21.03 1.19 -7.74	20.46 1.04 -8.72	21.22 0.99 -10.24	21.97 0.13 -20.36	24.49 1.05 -11.90	58.72 -0.71 -66.88	39.73 1.84 -19.08	33.42 1.66 -16.05	22.73 1.93 0.00	24.04 2.18 -0.14	21.84 2.05 -0.87	22.30 2.11 0.00	20.15 1.87 0.00	16.82 1.53 0.00	19.60 1.57 0.00	23.00 1.87 0.00	33.15 2.93 -0.22	40.29 3.45 -2.93	33.03 3.01 0.00	27.15 2.30 0.00	23.68 1.91 -0.61	24.00 1.86 -1.46	21.49 1.78 -0.92
HOLTSVILLE_IC_7 23696	20.66 1.75 -0.95	21.03 1.19 -7.74	20.46 1.04 -8.72	21.22 0.99 -10.24	21.97 0.13 -20.36	24.49 1.05 -11.90	58.72 -0.71 -66.88	39.73 1.84 -19.08	33.42 1.66 -16.05	22.73 1.93 0.00	24.04 2.18 -0.14	21.84 2.05 -0.87	22.30 2.11 0.00	20.15 1.87 0.00	16.82 1.53 0.00	19.60 1.57 0.00	23.00 1.87 0.00	33.15 2.93 -0.22	40.29 3.45 -2.93	33.03 3.01 0.00	27.15 2.30 0.00	23.68 1.91 -0.61	24.00 1.86 -1.46	21.49 1.78 -0.92
HOLTSVILLE_IC_8 23697	20.66 1.75 -0.95	21.03 1.19 -7.74	20.46 1.04 -8.72	21.22 0.99 -10.24	21.97 0.13 -20.36	24.49 1.05 -11.90	58.72 -0.71 -66.88	39.73 1.84 -19.08	33.42 1.66 -16.05	22.73 1.93 0.00	24.04 2.18 -0.14	21.84 2.05 -0.87	22.30 2.11 0.00	20.15 1.87 0.00	16.82 1.53 0.00	19.60 1.57 0.00	23.00 1.87 0.00	33.15 2.93 -0.22	40.29 3.45 -2.93	33.03 3.01 0.00	27.15 2.30 0.00	23.68 1.91 -0.61	24.00 1.86 -1.46	21.49 1.78 -0.92
HOLTSVILLE_IC_9 23698	20.66 1.75 -0.95	21.03 1.19 -7.74	20.46 1.04 -8.72	21.22 0.99 -10.24	21.97 0.13 -20.36	24.49 1.05 -11.90	58.72 -0.71 -66.88	39.73 1.84 -19.08	33.42 1.66 -16.05	22.73 1.93 0.00	24.04 2.18 -0.14	21.84 2.05 -0.87	22.30 2.11 0.00	20.15 1.87 0.00	16.82 1.53 0.00	19.60 1.57 0.00	23.00 1.87 0.00	33.15 2.93 -0.22	40.29 3.45 -2.93	33.03 3.01 0.00	27.15 2.30 0.00	23.68 1.91 -0.61	24.00 1.86 -1.46	21.49 1.78 -0.92
HOMER_HL_115KV_TB2 355744	18.50 0.27 -0.28	14.49 0.14 -2.25	13.36 0.08 -2.57	13.11 0.10 -3.02	7.44 0.03 -5.95	15.10 0.11 -3.46	12.05 0.07 -19.43	24.54 0.20 -5.54	20.43 0.04 -4.66	20.98 0.17 0.00	22.10 0.34 -0.04	19.36 0.18 -0.25	20.55 0.35 0.00	18.54 0.26 0.00	15.36 0.07 0.00	17.97 -0.06 0.00	21.13 -0.01 0.00	30.17 0.11 -0.06	34.86 0.13 -0.83	30.18 0.16 0.00	24.88 0.04 0.00	21.17 -0.16 -0.17	21.06 -0.02 -0.41	19.00 -0.04 -0.26
HOWARD_WT_PWR 323690	17.76 -0.50 -0.30	14.06 -0.48 -2.45	13.00 -0.51 -2.80	12.82 -0.46 -3.29	8.02 -0.07 -6.62	14.74 -0.69 -3.89	14.97 0.54 -21.87	23.98 -1.06 -6.24	19.87 -1.10 -5.25	19.50 -1.30 0.00	20.42 -1.34 -0.05	17.86 -1.34 -0.28	18.83 -1.37 0.00	16.91 -1.37 0.00	13.98 -1.31 0.00	16.34 -1.69 0.00	19.52 -1.62 0.00	27.98 -2.09 -0.07	32.72 -2.11 -0.93	27.91 -2.11 0.00	23.01 -1.84 0.00	19.60 -1.75 -0.19	19.51 -1.62 -0.46	17.61 -1.47 -0.29
HQ_GEN_CEDARS 23644	17.83 -0.12 0.00	12.01 -0.09 0.00	10.62 -0.09 0.00	9.90 -0.08 0.00	1.45 -0.02 0.00	11.42 -0.12 0.00	-7.41 0.03 0.00	18.58 -0.22 0.00	15.54 -0.18 0.00	20.60 -0.20 0.00	21.43 -0.28 0.00	18.67 -0.25 0.00	19.99 -0.20 0.00	18.10 -0.18 0.00	15.18 -0.10 0.00	17.98 -0.04 0.00	20.96 -0.17 0.00	29.77 -0.23 0.00	33.57 -0.33 0.00	-5.69 -0.31 35.40	-15.10 -0.25 39.69	-16.66 -0.24 37.58	-16.88 -0.25 37.30	-14.38 -0.18 32.99
HQ_GEN_CEDARS_PROXY 323590	17.83 -0.13 0.00	12.00 -0.09 0.00	10.62 -0.09 0.00	9.90 -0.08 0.00	1.45 -0.02 0.00	11.42 -0.12 0.00	-7.41 0.04 0.00	22.70 -0.22 -4.12	20.48 -0.18 -4.94	20.60 -0.20 0.00	21.63 -0.28 -0.19	18.67 -0.25 0.00	19.99 -0.20 0.00	18.10 -0.18 0.00	15.18 -0.10 0.00	17.98 -0.04 0.00	20.96 -0.17 0.00	29.77 -0.23 0.00	33.57 -0.33 0.00	-4.00 -0.31 33.71	-14.40 -0.25 38.99	-16.66 -0.24 37.58	-16.88 -0.25 37.30	-14.38 -0.18 32.99
HQ_GEN_IMPORT 323601	17.81 -0.15 0.00	12.00 -0.10 0.00	10.61 -0.09 0.00	9.90 -0.09 0.00	1.45 -0.02 0.00	11.43 -0.11 0.00	-7.38 0.07 0.00	21.59 -0.23 -3.01	12.57 -0.19 2.95	20.61 -0.20 0.00	21.49 -0.23 0.00	18.74 -0.18 0.00	20.06 -0.13 0.00	18.17 -0.11 0.00	13.52 -0.07 1.70	17.98 -0.05 0.00	21.00 -0.13 0.00	29.76 -0.24 0.00	33.59 -0.31 0.00	26.35 -0.24 3.43	20.83 -0.20 3.82	17.38 -0.17 3.61	16.92 -0.17 3.58	15.48 -0.12 3.18
HQ_GEN_WHEEL 23651	17.81 -0.15 0.00	12.00 -0.10 0.00	10.61 -0.09 0.00	9.90 -0.09 0.00	1.45 -0.02 0.00	11.43 -0.11 0.00	-7.38 0.07 0.00	21.59 -0.23 -3.01	12.57 -0.19 2.95	20.61 -0.20 0.00	21.49 -0.23 0.00	18.74 -0.18 0.00	20.06 -0.13 0.00	18.17 -0.11 0.00	13.52 -0.07 1.70	17.98 -0.05 0.00	21.00 -0.13 0.00	29.76 -0.24 0.00	33.59 -0.31 0.00	26.35 -0.24 3.43	20.83 -0.20 3.82	17.38 -0.17 3.61	16.92 -0.17 3.58	15.48 -0.12 3.18

HUDSON AVE_GT_3 23810	20.29 1.38 -0.95	20.75 0.91 -7.74	20.22 0.80 -8.72	20.97 0.74 -10.25	21.95 0.11 -20.37	24.32 0.87 -11.90	58.87 -0.58 -66.90	39.42 1.53 -19.09	33.07 1.29 -16.05	22.43 1.63 0.00	23.74 1.89 -0.14	21.53 1.74 -0.87	21.96 1.76 0.00	19.90 1.62 0.00	16.62 1.33 0.00	19.46 1.43 0.00	22.79 1.65 0.00	32.57 2.35 -0.22	39.52 2.69 -2.93	32.39 2.37 0.00	26.79 1.94 0.00	23.40 1.63 -0.61	23.76 1.63 -1.46	21.15 1.44 -0.92
HUDSON AVE_GT_4 23540	20.29 1.38 -0.95	20.75 0.91 -7.74	20.22 0.80 -8.72	20.97 0.74 -10.25	21.95 0.11 -20.37	24.32 0.87 -11.90	58.87 -0.58 -66.90	39.42 1.53 -19.09	33.07 1.29 -16.05	22.43 1.63 0.00	23.74 1.89 -0.14	21.53 1.74 -0.87	21.96 1.76 0.00	19.90 1.62 0.00	16.62 1.33 0.00	19.46 1.43 0.00	22.79 1.65 0.00	32.57 2.35 -0.22	39.52 2.69 -2.93	32.39 2.37 0.00	26.79 1.94 0.00	23.40 1.63 -0.61	23.76 1.63 -1.46	21.15 1.44 -0.92
HUDSON AVE_GT_5 23657	20.29 1.38 -0.95	20.75 0.91 -7.74	20.22 0.80 -8.72	20.97 0.74 -10.25	21.95 0.11 -20.37	24.32 0.87 -11.90	58.87 -0.58 -66.90	39.42 1.53 -19.09	33.07 1.29 -16.05	22.43 1.63 0.00	23.74 1.89 -0.14	21.53 1.74 -0.87	21.96 1.76 0.00	19.90 1.62 0.00	16.62 1.33 0.00	19.46 1.43 0.00	22.79 1.65 0.00	32.57 2.35 -0.22	39.52 2.69 -2.93	32.39 2.37 0.00	26.79 1.94 0.00	23.40 1.63 -0.61	23.76 1.63 -1.46	21.15 1.44 -0.92
HUDSON_AVE_10 24168	20.21 1.30 -0.95	20.70 0.86 -7.74	20.18 0.76 -8.72	20.94 0.71 -10.25	21.94 0.10 -20.37	24.29 0.85 -11.90	58.89 -0.56 -66.90	39.37 1.47 -19.09	33.01 1.24 -16.05	22.37 1.57 0.00	23.67 1.82 -0.14	21.46 1.68 -0.87	21.89 1.69 0.00	19.84 1.56 0.00	16.57 1.28 0.00	19.39 1.37 0.00	22.70 1.57 0.00	32.42 2.20 -0.22	39.36 2.53 -2.93	32.26 2.24 0.00	26.68 1.84 0.00	23.31 1.53 -0.61	23.68 1.54 -1.46	21.08 1.37 -0.92
HUDSON___115KV_TB 4 355613	19.89 0.79 -1.14	21.91 0.55 -9.26	21.74 0.48 -10.55	22.83 0.45 -12.40	26.18 0.07 -24.64	26.47 0.53 -14.40	73.13 -0.36 -80.94	42.89 1.00 -23.08	35.95 0.82 -19.41	21.82 1.02 0.00	22.82 0.93 -0.17	20.70 0.73 -1.05	20.93 0.74 0.00	18.96 0.68 0.00	15.91 0.62 0.00	18.72 0.69 0.00	22.05 0.91 0.00	31.66 1.39 -0.26	39.16 1.72 -3.54	31.41 1.39 0.00	26.04 1.19 0.00	22.90 1.01 -0.74	23.38 0.94 -1.76	20.77 0.88 -1.11
HUNTER MOUNT___DRP 323613	19.95 0.89 -1.11	21.69 0.61 -8.98	21.47 0.53 -10.23	22.51 0.49 -12.03	25.46 0.08 -23.91	26.12 0.60 -13.97	70.66 -0.41 -78.53	42.34 1.14 -22.40	35.48 0.92 -18.84	21.98 1.17 0.00	22.88 1.00 -0.16	20.69 0.75 -1.02	20.95 0.75 0.00	18.97 0.69 0.00	15.92 0.64 0.00	18.78 0.76 0.00	22.15 1.02 0.00	31.82 1.57 -0.25	39.30 1.97 -3.44	31.60 1.58 0.00	26.21 1.37 0.00	23.02 1.15 -0.72	23.44 1.05 -1.71	20.84 0.97 -1.08
HUNTINGTON_RES_REC 323705	20.46 1.55 -0.95	20.89 1.05 -7.74	20.34 0.92 -8.72	21.10 0.87 -10.24	21.96 0.12 -20.36	24.40 0.96 -11.90	58.80 -0.63 -66.88	39.56 1.67 -19.08	33.24 1.47 -16.05	22.56 1.76 0.00	23.87 2.02 -0.14	21.68 1.89 -0.87	22.13 1.93 0.00	19.99 1.71 0.00	16.69 1.41 0.00	19.47 1.44 0.00	22.86 1.72 0.00	32.82 2.61 -0.22	39.98 3.14 -2.93	32.72 2.70 0.00	27.01 2.16 0.00	23.54 1.77 -0.61	23.82 1.68 -1.46	21.30 1.60 -0.92
HUNTLEY___63 23557	17.52 -0.69 -0.25	13.72 -0.42 -2.04	12.65 -0.39 -2.34	12.36 -0.38 -2.75	6.87 -0.05 -5.45	14.26 -0.46 -3.18	10.97 0.53 -17.89	22.92 -0.99 -5.11	19.19 -0.83 -4.29	19.90 -0.90 0.00	20.81 -0.94 -0.04	18.18 -0.98 -0.23	19.30 -0.90 0.00	17.39 -0.89 0.00	14.43 -0.86 0.00	16.80 -1.23 0.00	19.76 -1.37 0.00	28.20 -1.85 -0.06	32.80 -1.86 -0.76	28.40 -1.63 0.00	23.45 -1.40 0.00	19.95 -1.37 -0.16	19.75 -1.31 -0.38	17.75 -1.28 -0.24
HUNTLEY___64 23558	17.52 -0.69 -0.25	13.72 -0.42 -2.04	12.65 -0.39 -2.34	12.36 -0.38 -2.75	6.87 -0.05 -5.45	14.26 -0.46 -3.18	10.97 0.53 -17.89	22.92 -0.99 -5.11	19.19 -0.83 -4.29	19.90 -0.90 0.00	20.81 -0.94 -0.04	18.18 -0.98 -0.23	19.30 -0.90 0.00	17.39 -0.89 0.00	14.43 -0.86 0.00	16.80 -1.23 0.00	19.76 -1.37 0.00	28.20 -1.85 -0.06	32.80 -1.86 -0.76	28.40 -1.63 0.00	23.45 -1.40 0.00	19.95 -1.37 -0.16	19.75 -1.31 -0.38	17.75 -1.28 -0.24
HUNTLEY___65 23559	17.52 -0.69 -0.25	13.72 -0.42 -2.04	12.65 -0.39 -2.34	12.36 -0.38 -2.75	6.87 -0.05 -5.45	14.26 -0.46 -3.18	10.97 0.53 -17.89	22.92 -0.99 -5.11	19.19 -0.83 -4.29	19.90 -0.90 0.00	20.81 -0.94 -0.04	18.18 -0.98 -0.23	19.30 -0.90 0.00	17.39 -0.89 0.00	14.43 -0.86 0.00	16.80 -1.23 0.00	19.76 -1.37 0.00	28.20 -1.85 -0.06	32.80 -1.86 -0.76	28.40 -1.63 0.00	23.45 -1.40 0.00	19.95 -1.37 -0.16	19.75 -1.31 -0.38	17.75 -1.28 -0.24
HUNTLEY___66 23560	17.52 -0.69 -0.25	13.72 -0.42 -2.04	12.65 -0.39 -2.34	12.36 -0.38 -2.75	6.87 -0.05 -5.45	14.26 -0.46 -3.18	10.97 0.53 -17.89	22.92 -0.99 -5.11	19.19 -0.83 -4.29	19.90 -0.90 0.00	20.81 -0.94 -0.04	18.18 -0.98 -0.23	19.30 -0.90 0.00	17.39 -0.89 0.00	14.43 -0.86 0.00	16.80 -1.23 0.00	19.76 -1.37 0.00	28.20 -1.85 -0.06	32.80 -1.86 -0.76	28.40 -1.63 0.00	23.45 -1.40 0.00	19.95 -1.37 -0.16	19.75 -1.31 -0.38	17.75 -1.28 -0.24
HUNTLEY___67 23561	17.42 -0.79 -0.25	13.67 -0.49 -2.07	12.61 -0.46 -2.37	12.33 -0.44 -2.78	6.93 -0.05 -5.51	14.23 -0.53 -3.22	11.19 0.55 -18.09	22.91 -1.06 -5.16	19.17 -0.89 -4.34	19.82 -0.99 0.00	20.73 -1.02 -0.04	18.12 -1.04 -0.23	19.24 -0.96 0.00	17.33 -0.95 0.00	14.37 -0.92 0.00	16.74 -1.29 0.00	19.70 -1.44 0.00	28.09 -1.97 -0.06	32.69 -1.98 -0.77	28.28 -1.74 0.00	23.36 -1.49 0.00	19.88 -1.44 -0.16	19.67 -1.39 -0.38	17.70 -1.32 -0.24
HUNTLEY___68 23562	17.42 -0.79 -0.25	13.67 -0.49 -2.07	12.61 -0.46 -2.37	12.33 -0.44 -2.78	6.93 -0.05 -5.51	14.23 -0.53 -3.22	11.19 0.55 -18.09	22.91 -1.06 -5.16	19.17 -0.89 -4.34	19.82 -0.99 0.00	20.73 -1.02 -0.04	18.12 -1.04 -0.23	19.24 -0.96 0.00	17.33 -0.95 0.00	14.37 -0.92 0.00	16.74 -1.29 0.00	19.70 -1.44 0.00	28.09 -1.97 -0.06	32.69 -1.98 -0.77	28.28 -1.74 0.00	23.36 -1.49 0.00	19.88 -1.44 -0.16	19.67 -1.39 -0.38	17.70 -1.32 -0.24
HYLAND___LFGE 323620	18.48 0.26 -0.27	14.43 0.14 -2.18	13.29 0.08 -2.50	13.01 0.08 -2.94	7.36 0.03 -5.86	15.11 0.14 -3.43	11.81 -0.02 -19.28	24.63 0.32 -5.50	20.51 0.17 -4.63	20.67 -0.14 0.00	21.40 -0.36 -0.04	18.59 -0.58 -0.25	19.63 -0.57 0.00	17.70 -0.58 0.00	14.69 -0.60 0.00	17.22 -0.80 0.00	20.50 -0.63 0.00	29.79 -0.27 -0.06	34.99 0.27 -0.82	30.25 0.23 0.00	24.93 0.09 0.00	21.21 -0.12 -0.17	20.92 -0.16 -0.41	18.77 -0.27 -0.26
INDECK___CORINTH 23802	19.68 0.50 -1.22	22.37 0.38 -9.89	22.38 0.41 -11.27	23.62 0.39 -13.24	27.86 0.07 -26.32	27.48 0.56 -15.38	78.59 -0.41 -86.45	44.52 1.06 -24.66	37.25 0.79 -20.74	21.82 1.02 0.00	22.91 1.02 -0.18	20.88 0.83 -1.12	20.94 0.75 0.00	18.86 0.58 0.00	15.78 0.49 0.00	18.48 0.45 0.00	21.82 0.69 0.00	31.23 0.95 -0.28	38.93 1.27 -3.76	30.78 0.76 0.00	25.58 0.73 0.00	22.60 0.66 -0.79	23.29 0.74 -1.88	20.61 0.65 -1.18



INDECK___ILION 23567	18.29 0.31 -0.03	12.53 0.21 -0.22	11.14 0.19 -0.24	10.46 0.18 -0.29	2.06 0.02 -0.58	12.05 0.17 -0.34	-5.74 -0.18 -1.88	19.71 0.37 -0.54	16.53 0.36 -0.45	21.04 0.24 0.00	21.93 0.21 0.00	19.06 0.12 -0.03	20.24 0.05 0.00	18.30 0.02 0.00	15.30 0.02 0.00	18.08 0.06 0.00	21.30 0.16 0.00	30.54 0.53 -0.01	34.50 0.52 -0.08	32.68 0.50 -2.16	27.56 0.30 -2.41	23.73 0.28 -2.29	23.28 0.30 -2.30	21.05 0.24 -2.03
INDECK___OLEAN 23982	18.52 0.28 -0.28	14.50 0.15 -2.25	13.37 0.09 -2.57	13.12 0.11 -3.02	7.44 0.03 -5.95	15.10 0.11 -3.46	12.04 0.06 -19.43	24.54 0.20 -5.54	20.42 0.04 -4.66	20.98 0.17 0.00	22.10 0.35 -0.04	19.36 0.18 -0.25	20.55 0.35 0.00	18.54 0.26 0.00	15.35 0.07 0.00	17.97 -0.06 0.00	21.13 -0.01 0.00	30.17 0.11 -0.06	34.86 0.13 -0.83	30.19 0.16 0.00	24.89 0.04 0.00	21.17 -0.16 -0.17	21.10 0.02 -0.41	19.01 -0.04 -0.26
INDECK___OSWEGO 23783	17.70 -0.42 -0.16	13.09 -0.29 -1.29	11.91 -0.26 -1.47	11.48 -0.24 -1.73	4.87 -0.03 -3.44	13.27 -0.28 -2.01	4.02 0.19 -11.28	21.58 -0.45 -3.22	18.06 -0.37 -2.71	20.29 -0.51 0.00	21.23 -0.51 -0.02	19.16 0.07 -0.17	20.24 0.05 0.00	18.27 -0.01 0.00	15.17 -0.11 0.00	17.52 -0.51 0.00	20.61 -0.53 0.00	29.33 -0.71 -0.04	33.62 -0.79 -0.51	28.26 -0.70 1.06	23.07 -0.59 1.18	19.66 -0.49 1.01	19.34 -0.48 0.86	17.49 -0.47 0.82
INDECK___YERKES 23781	17.54 -0.66 -0.25	13.74 -0.40 -2.04	12.67 -0.37 -2.34	12.38 -0.36 -2.75	6.88 -0.04 -5.45	14.27 -0.45 -3.18	10.95 0.51 -17.89	22.94 -0.97 -5.11	19.20 -0.82 -4.29	19.92 -0.88 0.00	20.82 -0.93 -0.04	18.19 -0.96 -0.23	19.32 -0.88 0.00	17.40 -0.88 0.00	14.44 -0.85 0.00	16.82 -1.21 0.00	19.78 -1.36 0.00	28.24 -1.82 -0.06	32.83 -1.83 -0.76	28.42 -1.60 0.00	23.47 -1.38 0.00	19.97 -1.35 -0.16	19.82 -1.23 -0.38	17.77 -1.25 -0.24
INDIAN POINT_GT_1 24139	20.03 1.13 -0.94	20.46 0.75 -7.61	20.00 0.68 -8.62	20.76 0.64 -10.13	21.70 0.09 -20.14	24.08 0.77 -11.77	58.15 -0.53 -66.13	39.04 1.37 -18.87	32.73 1.15 -15.87	22.21 1.41 0.00	23.47 1.62 -0.14	21.25 1.47 -0.86	21.67 1.48 0.00	19.63 1.35 0.00	16.39 1.11 0.00	19.22 1.19 0.00	22.55 1.41 0.00	32.29 2.07 -0.21	39.20 2.40 -2.90	32.10 2.07 0.00	26.54 1.69 0.00	23.18 1.42 -0.61	23.54 1.42 -1.45	20.95 1.25 -0.91
INDIAN POINT_GT_2 23659	20.03 1.13 -0.94	20.46 0.75 -7.61	20.00 0.68 -8.62	20.76 0.64 -10.13	21.70 0.09 -20.14	24.08 0.77 -11.77	58.15 -0.53 -66.13	39.04 1.37 -18.87	32.73 1.15 -15.87	22.21 1.41 0.00	23.47 1.62 -0.14	21.25 1.47 -0.86	21.67 1.48 0.00	19.63 1.35 0.00	16.39 1.11 0.00	19.22 1.19 0.00	22.55 1.41 0.00	32.29 2.07 -0.21	39.20 2.40 -2.90	32.10 2.07 0.00	26.54 1.69 0.00	23.18 1.42 -0.61	23.54 1.42 -1.45	20.95 1.25 -0.91
INDIAN POINT_GT_3 24019	20.03 1.13 -0.94	20.46 0.75 -7.61	20.00 0.68 -8.62	20.76 0.64 -10.13	21.70 0.09 -20.14	24.08 0.77 -11.77	58.15 -0.53 -66.13	39.04 1.37 -18.87	32.73 1.15 -15.87	22.21 1.41 0.00	23.47 1.62 -0.14	21.25 1.47 -0.86	21.67 1.48 0.00	19.63 1.35 0.00	16.39 1.11 0.00	19.22 1.19 0.00	22.55 1.41 0.00	32.29 2.07 -0.21	39.20 2.40 -2.90	32.10 2.07 0.00	26.54 1.69 0.00	23.18 1.42 -0.61	23.54 1.42 -1.45	20.95 1.25 -0.91
INDIAN POINT___2 23530	19.94 1.08 -0.91	20.18 0.72 -7.36	19.86 0.67 -8.49	20.60 0.63 -9.98	21.39 0.09 -19.83	23.89 0.76 -11.59	57.15 -0.53 -65.13	38.75 1.36 -18.58	32.49 1.14 -15.63	22.19 1.39 0.00	23.45 1.60 -0.14	21.22 1.45 -0.84	21.66 1.46 0.00	19.61 1.33 0.00	16.38 1.09 0.00	19.20 1.18 0.00	22.53 1.39 0.00	32.27 2.05 -0.21	39.13 2.37 -2.86	32.06 2.05 0.00	26.51 1.66 0.00	23.15 1.40 -0.60	23.48 1.38 -1.42	20.92 1.23 -0.90
INDIAN POINT___3 23531	20.11 1.20 -0.96	20.69 0.79 -7.79	20.00 0.67 -8.62	20.75 0.63 -10.14	21.71 0.09 -20.15	24.07 0.76 -11.77	58.19 -0.52 -66.17	39.04 1.36 -18.88	32.73 1.13 -15.88	22.19 1.39 0.00	23.46 1.60 -0.14	21.23 1.45 -0.86	21.66 1.46 0.00	19.61 1.33 0.00	16.38 1.09 0.00	19.20 1.18 0.00	22.53 1.39 0.00	32.26 2.05 -0.21	39.17 2.37 -2.90	32.06 2.04 0.00	26.51 1.66 0.00	23.16 1.40 -0.61	23.52 1.40 -1.45	20.93 1.24 -0.91
INGHAM_C_115KV_TB7 356103	18.57 0.59 -0.03	12.72 0.40 -0.22	11.31 0.36 -0.24	10.62 0.35 -0.29	2.08 0.04 -0.58	12.22 0.34 -0.34	-5.91 -0.34 -1.88	20.05 0.71 -0.54	16.84 0.67 -0.45	21.22 0.42 0.00	22.04 0.32 0.00	19.12 0.17 -0.03	20.21 0.01 0.00	18.25 -0.03 0.00	15.26 -0.02 0.00	18.07 0.04 0.00	21.37 0.24 0.00	30.96 0.95 -0.01	34.89 0.91 -0.08	33.05 0.87 -2.16	27.78 0.52 -2.41	23.94 0.49 -2.29	23.51 0.53 -2.30	21.23 0.42 -2.03
IP CORINTH___1 23988	19.78 0.60 -1.22	22.44 0.45 -9.89	22.44 0.47 -11.27	23.68 0.45 -13.24	27.87 0.08 -26.32	27.54 0.62 -15.38	78.54 -0.45 -86.45	44.63 1.17 -24.66	37.34 0.88 -20.74	21.94 1.14 0.00	23.03 1.14 -0.18	20.98 0.94 -1.12	21.06 0.87 0.00	18.97 0.69 0.00	15.86 0.57 0.00	18.58 0.56 0.00	21.94 0.80 0.00	31.40 1.12 -0.28	39.12 1.46 -3.76	30.95 0.93 0.00	25.71 0.86 0.00	22.72 0.77 -0.79	23.42 0.87 -1.88	20.72 0.74 -1.18
IP___TICONDEROGA 23804	20.74 1.57 -1.22	23.08 1.10 -9.88	22.96 1.00 -11.25	24.16 0.94 -13.23	27.91 0.15 -26.29	28.14 1.23 -15.36	77.98 -0.91 -86.34	45.88 2.45 -24.63	38.15 1.72 -20.71	22.90 2.10 0.00	24.01 2.11 -0.18	21.79 1.75 -1.12	21.70 1.50 0.00	19.69 1.41 0.00	16.53 1.24 0.00	19.53 1.51 0.00	23.30 2.17 0.00	33.14 2.86 -0.28	41.23 3.57 -3.76	32.73 2.71 0.00	26.96 2.11 0.00	23.77 1.83 -0.79	24.34 1.79 -1.87	21.47 1.51 -1.18
ISLIP_RES_REC 323679	20.72 1.81 -0.95	21.07 1.23 -7.74	20.49 1.07 -8.72	21.25 1.02 -10.24	21.97 0.14 -20.36	24.53 1.09 -11.90	58.69 -0.75 -66.88	39.82 1.93 -19.08	33.50 1.73 -16.05	22.82 2.01 0.00	24.13 2.28 -0.14	21.92 2.13 -0.87	22.39 2.19 0.00	20.22 1.94 0.00	16.88 1.59 0.00	19.67 1.65 0.00	23.10 1.97 0.00	33.28 3.07 -0.22	40.45 3.62 -2.93	33.17 3.15 0.00	27.27 2.42 0.00	23.77 2.00 -0.61	24.08 1.94 -1.46	21.56 1.85 -0.92
JAMAICA__27_KV_LOAD 355505	20.33 1.42 -0.95	20.77 0.93 -7.74	20.25 0.83 -8.72	21.04 0.80 -10.25	21.96 0.12 -20.37	24.41 0.97 -11.90	58.82 -0.63 -66.90	39.54 1.65 -19.09	33.13 1.36 -16.05	22.56 1.76 0.00	23.85 2.00 -0.14	21.63 1.84 -0.87	22.05 1.85 0.00	20.00 1.72 0.00	16.69 1.40 0.00	19.52 1.49 0.00	22.83 1.70 0.00	32.51 2.29 -0.22	39.56 2.72 -2.93	32.39 2.37 0.00	26.81 1.97 0.00	23.40 1.63 -0.61	23.80 1.66 -1.46	21.20 1.49 -0.92
JANIS___SOLAR 323808	19.15 0.84 -0.35	15.49 0.53 -2.86	14.42 0.44 -3.27	14.26 0.42 -3.84	9.18 0.07 -7.65	16.55 0.54 -4.47	17.32 -0.35 -25.12	26.69 0.72 -7.17	22.41 0.66 -6.03	21.43 0.63 0.00	22.16 0.39 -0.05	19.39 0.14 -0.33	20.23 0.04 0.00	18.27 -0.02 0.00	15.24 -0.04 0.00	18.12 0.09 0.00	21.65 0.51 0.00	31.17 1.09 -0.08	36.21 1.24 -1.06	31.17 1.15 0.00	25.68 0.84 0.00	21.97 0.59 -0.22	21.78 0.58 -0.53	19.57 0.46 -0.33

JARVIS____ 23743	18.05 0.07 -0.03	12.36 0.05 -0.22	10.99 0.04 -0.24	10.31 0.04 -0.29	2.05 0.01 -0.58	11.92 0.05 -0.34	-5.61 -0.04 -1.88	19.44 0.10 -0.54	16.26 0.09 -0.45	20.89 0.09 0.00	21.80 0.08 0.00	19.00 0.06 -0.03	20.23 0.04 0.00	18.31 0.04 0.00	15.31 0.03 0.00	18.07 0.04 0.00	21.21 0.08 0.00	30.13 0.12 -0.01	34.14 0.15 -0.08	32.30 0.12 -2.16	27.36 0.10 -2.41	23.54 0.09 -2.29	23.06 0.08 -2.30	20.88 0.06 -2.03
JENNISON____1 23625	19.19 0.82 -0.41	15.95 0.49 -3.36	14.97 0.43 -3.84	14.94 0.43 -4.52	10.52 0.07 -8.98	17.36 0.57 -5.25	21.72 -0.34 -29.50	28.00 0.78 -8.42	23.52 0.72 -7.08	21.64 0.83 0.00	22.57 0.79 -0.06	19.85 0.55 -0.38	20.63 0.44 0.00	18.56 0.29 0.00	15.48 0.19 0.00	18.30 0.27 0.00	21.66 0.52 0.00	31.01 0.92 -0.09	36.20 1.04 -1.26	30.94 0.92 0.00	25.58 0.73 0.00	21.90 0.48 -0.26	21.77 0.46 -0.63	19.52 0.34 -0.40
JENNISON____2 23626	19.19 0.82 -0.41	15.95 0.49 -3.36	14.97 0.43 -3.84	14.94 0.43 -4.52	10.52 0.07 -8.98	17.36 0.57 -5.25	21.72 -0.34 -29.50	28.00 0.78 -8.42	23.52 0.72 -7.08	21.64 0.83 0.00	22.57 0.79 -0.06	19.85 0.55 -0.38	20.63 0.44 0.00	18.56 0.29 0.00	15.48 0.19 0.00	18.30 0.27 0.00	21.66 0.52 0.00	31.01 0.92 -0.09	36.20 1.04 -1.26	30.94 0.92 0.00	25.58 0.73 0.00	21.90 0.48 -0.26	21.77 0.46 -0.63	19.52 0.34 -0.40
JERICHO_RISE_WT_PWR 323719	17.63 -0.33 0.00	11.86 -0.23 0.00	10.51 -0.20 0.00	9.82 -0.17 0.00	1.45 -0.02 0.00	11.31 -0.23 0.00	-7.40 0.05 0.00	18.31 -0.49 0.00	15.32 -0.40 0.00	20.48 -0.33 0.00	21.21 -0.50 0.00	18.22 -0.70 0.00	19.52 -0.68 0.00	17.67 -0.61 0.00	14.78 -0.51 0.00	17.56 -0.46 0.00	20.53 -0.60 0.00	29.07 -0.93 0.00	32.84 -1.06 0.00	-15.76 -1.48 44.31	-20.46 -1.16 44.15	-20.24 -0.98 40.42	-20.38 -1.05 40.00	-20.66 -0.93 38.52
KATONAH____115KV_46KV_TB4 355592	20.23 1.32 -0.97	20.81 0.87 -7.84	20.31 0.76 -8.85	21.10 0.71 -10.40	22.25 0.10 -20.68	24.48 0.86 -12.08	59.87 -0.58 -67.91	39.70 1.52 -19.38	33.29 1.27 -16.30	22.39 1.58 0.00	23.65 1.79 -0.14	21.41 1.61 -0.88	21.82 1.63 0.00	19.75 1.48 0.00	16.50 1.22 0.00	19.35 1.33 0.00	22.70 1.57 0.00	32.52 2.30 -0.22	39.56 2.68 -2.98	32.33 2.31 0.00	26.75 1.90 0.00	23.37 1.59 -0.62	23.72 1.56 -1.48	21.09 1.37 -0.94
KCE_NY_1 323755	20.05 0.88 -1.22	22.59 0.62 -9.87	22.51 0.57 -11.24	23.73 0.54 -13.21	27.81 0.08 -26.25	27.56 0.68 -15.34	78.31 -0.47 -86.22	44.63 1.23 -24.59	37.36 0.96 -20.68	22.00 1.20 0.00	23.11 1.22 -0.18	21.06 1.02 -1.12	21.22 1.02 0.00	19.17 0.90 0.00	16.04 0.76 0.00	18.87 0.84 0.00	22.25 1.11 0.00	31.89 1.61 -0.28	39.59 1.94 -3.75	31.50 1.48 0.00	26.15 1.30 0.00	23.06 1.11 0.00	23.63 1.09 -0.79	20.94 0.97 -1.18
KCE_NY_6_ESR 323823	17.66 -0.55 -0.26	13.87 -0.34 -2.11	12.80 -0.32 -2.42	12.52 -0.30 -2.84	7.07 -0.04 -5.63	14.44 -0.38 -3.29	11.45 0.43 -18.47	23.31 -0.76 -5.27	19.49 -0.66 -4.43	20.10 -0.70 0.00	21.05 -0.70 -0.04	18.37 -0.79 -0.24	19.49 -0.70 0.00	17.56 -0.72 0.00	14.55 -0.74 0.00	16.96 -1.06 0.00	19.98 -1.15 0.00	28.54 -1.52 -0.06	33.19 -1.50 -0.79	28.70 -1.32 0.00	23.69 -1.16 0.00	20.15 -1.17 -0.16	19.99 -1.07 -0.39	17.95 -1.08 -0.25
KEDC_PORT_JEFF_GT2 24210	20.61 1.70 -0.95	21.00 1.16 -7.74	20.43 1.01 -8.72	21.19 0.96 -10.24	21.96 0.13 -20.36	24.45 1.01 -11.90	58.76 -0.67 -66.88	39.62 1.73 -19.08	33.35 1.58 -16.05	22.64 1.84 0.00	23.96 2.11 -0.14	21.78 1.99 -0.87	22.23 2.04 0.00	20.09 1.81 0.00	16.78 1.49 0.00	19.53 1.50 0.00	22.92 1.79 0.00	33.01 2.79 -0.22	40.08 3.25 -2.93	32.87 2.85 0.00	27.02 2.18 0.00	23.59 1.81 -0.61	23.93 1.79 -1.46	21.44 1.73 -0.92
KEDC_PORT_JEFF_GT3 24211	20.61 1.70 -0.95	21.00 1.16 -7.74	20.43 1.01 -8.72	21.19 0.96 -10.24	21.96 0.13 -20.36	24.45 1.01 -11.90	58.76 -0.67 -66.88	39.62 1.73 -19.08	33.35 1.58 -16.05	22.64 1.84 0.00	23.96 2.11 -0.14	21.78 1.99 -0.87	22.23 2.04 0.00	20.09 1.81 0.00	16.78 1.49 0.00	19.53 1.50 0.00	22.92 1.79 0.00	33.01 2.79 -0.22	40.08 3.25 -2.93	32.87 2.85 0.00	27.02 2.18 0.00	23.59 1.81 -0.61	23.93 1.79 -1.46	21.44 1.73 -0.92
KEDC_GLWD_GT4 24219	20.47 1.56 -0.95	20.88 1.04 -7.74	20.33 0.91 -8.72	21.08 0.85 -10.24	21.96 0.12 -20.36	24.42 0.98 -11.90	58.80 -0.64 -66.88	39.57 1.69 -19.08	33.24 1.47 -16.05	22.61 1.81 0.00	23.94 2.08 -0.14	21.70 1.92 -0.87	22.16 1.96 0.00	20.03 1.75 0.00	16.74 1.45 0.00	19.57 1.54 0.00	22.95 1.82 0.00	32.94 2.72 -0.22	40.03 3.20 -2.93	32.82 2.80 0.00	27.09 2.25 0.00	23.62 1.85 -0.61	23.93 1.80 -1.46	21.35 1.64 -0.92
KEDC_GLWD_GT5 24220	20.47 1.56 -0.95	20.88 1.04 -7.74	20.33 0.91 -8.72	21.08 0.85 -10.24	21.96 0.12 -20.36	24.42 0.98 -11.90	58.80 -0.64 -66.88	39.57 1.69 -19.08	33.24 1.47 -16.05	22.61 1.81 0.00	23.94 2.08 -0.14	21.70 1.92 -0.87	22.16 1.96 0.00	20.03 1.75 0.00	16.74 1.45 0.00	19.57 1.54 0.00	22.95 1.82 0.00	32.94 2.72 -0.22	40.03 3.20 -2.93	32.82 2.80 0.00	27.09 2.25 0.00	23.62 1.85 -0.61	23.93 1.80 -1.46	21.35 1.64 -0.92
KENSICO____ 23655	20.13 1.22 -0.95	20.64 0.81 -7.73	20.12 0.71 -8.70	20.88 0.67 -10.22	21.89 0.10 -20.32	24.21 0.80 -11.87	58.75 -0.54 -66.74	39.26 1.42 -19.04	32.92 1.18 -16.02	22.27 1.47 0.00	23.54 1.69 -0.14	21.32 1.53 -0.87	21.75 1.56 0.00	19.70 1.42 0.00	16.45 1.17 0.00	19.29 1.26 0.00	22.61 1.48 0.00	32.37 2.15 -0.22	39.31 2.48 -2.93	32.17 2.15 0.00	26.60 1.76 0.00	23.25 1.48 -0.61	23.60 1.47 -1.46	21.01 1.30 -0.92
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	20.17 1.34 -0.87	20.08 0.88 -7.10	19.63 0.79 -8.13	20.30 0.75 -9.56	20.58 0.10 -19.00	23.51 0.87 -11.10	54.33 -0.63 -62.41	38.21 1.60 -17.81	32.08 1.39 -14.97	22.39 1.59 0.00	23.52 1.68 -0.13	21.18 1.45 -0.81	21.63 1.43 0.00	19.57 1.29 0.00	16.33 1.05 0.00	19.20 1.17 0.00	22.60 1.46 0.00	32.60 2.40 -0.20	39.35 2.72 -2.73	32.51 2.48 0.00	26.75 1.90 0.00	23.31 1.57 -0.57	23.66 1.62 -1.36	21.06 1.42 -0.86
KIAC_JFK_GT1 23816	20.26 1.35 -0.95	20.73 0.89 -7.74	20.21 0.79 -8.72	21.00 0.77 -10.25	21.96 0.12 -20.37	24.38 0.94 -11.90	58.85 -0.60 -66.90	39.48 1.59 -19.09	33.07 1.30 -16.05	22.50 1.70 0.00	23.79 1.94 -0.14	21.58 1.79 -0.87	21.99 1.80 0.00	19.95 1.67 0.00	16.65 1.36 0.00	19.46 1.44 0.00	22.77 1.64 0.00	32.40 2.18 -0.22	39.44 2.60 -2.93	32.26 2.24 0.00	26.74 1.90 0.00	23.35 1.57 -0.61	23.73 1.60 -1.46	21.13 1.43 -0.92
KIAC_JFK_GT2 23817	20.26 1.35 -0.95	20.73 0.89 -7.74	20.21 0.79 -8.72	21.00 0.77 -10.25	21.96 0.12 -20.37	24.38 0.94 -11.90	58.85 -0.60 -66.90	39.48 1.59 -19.09	33.07 1.30 -16.05	22.50 1.70 0.00	23.79 1.94 -0.14	21.58 1.79 -0.87	21.99 1.80 0.00	19.95 1.67 0.00	16.65 1.36 0.00	19.46 1.44 0.00	22.77 1.64 0.00	32.40 2.18 -0.22	39.44 2.60 -2.93	32.26 2.24 0.00	26.74 1.90 0.00	23.35 1.57 -0.61	23.73 1.60 -1.46	21.13 1.43 -0.92

KIAC_JFK____ 323774	20.26 1.35 -0.95	20.73 0.89 -7.74	20.21 0.79 -8.72	21.00 0.77 -10.25	21.96 0.12 -20.37	24.38 0.93 -11.90	58.85 -0.61 -66.90	39.48 1.59 -19.09	33.08 1.31 -16.05	22.50 1.70 0.00	23.79 1.94 -0.14	21.58 1.79 -0.87	21.99 1.80 0.00	19.95 1.67 0.00	16.65 1.36 0.00	19.46 1.43 0.00	22.77 1.64 0.00	32.41 2.19 -0.22	39.44 2.60 -2.93	32.26 2.24 0.00	26.74 1.90 0.00	23.35 1.57 -0.61	23.71 1.58 -1.46	21.13 1.43 -0.92
KINTIGH____ 23543	17.43 -0.76 -0.23	13.55 -0.46 -1.91	12.46 -0.43 -2.19	12.14 -0.41 -2.57	6.52 -0.06 -5.11	14.02 -0.50 -2.98	9.79 0.48 -16.76	22.61 -0.97 -4.78	18.93 -0.81 -4.02	19.86 -0.94 0.00	20.80 -0.95 -0.04	18.20 -0.94 -0.22	19.32 -0.88 0.00	17.42 -0.86 0.00	14.47 -0.82 0.00	16.89 -1.14 0.00	19.86 -1.28 0.00	28.30 -1.76 -0.05	32.84 -1.78 -0.71	28.45 -1.57 0.00	23.50 -1.35 0.00	20.02 -1.29 -0.15	19.79 -1.24 -0.36	17.82 -1.19 -0.22
KNTFSRNC_46_KV_46KV_LOAD 80397	17.92 -0.04 0.00	12.05 -0.05 0.00	10.67 -0.03 0.00	9.98 -0.01 0.00	1.47 0.00 0.00	11.46 -0.08 0.00	-7.52 -0.07 0.00	18.57 -0.23 0.00	15.53 -0.19 0.00	20.75 -0.05 0.00	21.45 -0.27 0.00	18.38 -0.54 0.00	19.71 -0.49 0.00	17.87 -0.41 0.00	14.93 -0.36 0.00	17.78 -0.25 0.00	20.85 -0.29 0.00	29.56 -0.44 0.00	33.41 -0.49 0.00	-15.51 -1.08 44.45	-20.57 -0.85 44.58	-20.44 -0.70 40.90	-20.61 -0.80 40.48	-20.72 -0.72 38.79
LACHUTE____HYDRO 323717	20.74 1.57 -1.22	23.07 1.10 -9.88	22.96 1.00 -11.25	24.16 0.94 -13.23	27.91 0.15 -26.29	28.14 1.24 -15.36	77.98 -0.91 -86.34	45.88 2.45 -24.63	38.15 1.72 -20.71	22.90 2.10 0.00	24.01 2.11 -0.18	21.78 1.74 -1.12	21.70 1.50 0.00	19.69 1.41 0.00	16.53 1.24 0.00	19.53 1.51 0.00	23.30 2.17 0.00	33.14 2.86 -0.28	41.24 3.57 -3.76	32.73 2.71 0.00	26.96 2.12 0.00	23.77 1.83 -0.79	24.33 1.78 -1.87	21.47 1.51 -1.18
LAWRNCV_115KV_TB1 80681	17.76 -0.22 -0.03	12.14 -0.18 -0.22	10.79 -0.16 -0.25	10.14 -0.14 -0.29	2.02 -0.03 -0.58	11.67 -0.20 -0.34	-5.49 0.05 -1.90	19.02 -0.33 -0.54	15.94 -0.24 -0.46	20.51 -0.30 0.00	21.29 -0.43 0.00	18.55 -0.40 -0.03	19.83 -0.37 0.00	17.91 -0.37 0.00	15.05 -0.23 0.00	17.85 -0.18 0.00	20.80 -0.34 0.00	29.62 -0.39 -0.01	33.47 -0.52 -0.08	-1.09 -0.56 30.55	-10.30 -0.45 34.69	-12.19 -0.41 32.94	-12.45 -0.45 32.68	-10.22 -0.34 28.66
LEDERLE____ 23769	19.90 1.07 -0.87	19.91 0.72 -7.09	19.77 0.71 -8.35	20.48 0.67 -9.82	21.09 0.10 -19.52	23.76 0.81 -11.41	56.09 -0.57 -64.11	38.57 1.48 -18.29	32.34 1.24 -15.38	22.31 1.51 0.00	23.56 1.71 -0.13	21.28 1.53 -0.83	21.75 1.55 0.00	19.68 1.40 0.00	16.44 1.15 0.00	19.28 1.26 0.00	22.64 1.50 0.00	32.45 2.24 -0.21	39.27 2.55 -2.81	32.24 2.22 0.00	26.63 1.78 0.00	23.24 1.49 -0.59	23.56 1.49 -1.40	20.98 1.31 -0.88
LIGHTHSE_115KV_TB6 355974	17.78 -0.33 -0.15	13.06 -0.27 -1.23	11.87 -0.24 -1.41	11.44 -0.20 -1.65	4.72 -0.03 -3.29	13.21 -0.24 -1.92	3.46 0.12 -10.79	21.58 -0.30 -3.08	18.05 -0.26 -2.59	20.43 -0.38 0.00	21.21 -0.52 -0.02	18.78 -0.30 -0.15	19.83 -0.36 0.00	17.86 -0.42 0.00	14.88 -0.41 0.00	17.45 -0.58 0.00	20.56 -0.58 0.00	29.31 -0.73 -0.03	33.61 -0.77 -0.47	26.50 -0.74 2.79	21.12 -0.62 3.11	17.82 -0.50 2.84	17.47 -0.52 2.68	15.82 -0.53 2.44
LINDEN COGEN____ 23786	20.19 1.28 -0.95	20.69 0.85 -7.74	20.16 0.74 -8.72	20.92 0.68 -10.25	21.94 0.10 -20.37	24.24 0.80 -11.90	58.91 -0.54 -66.90	39.31 1.42 -19.09	32.97 1.19 -16.05	22.27 1.47 0.00	23.58 1.72 -0.14	21.38 1.59 -0.87	21.79 1.60 0.00	19.76 1.48 0.00	16.50 1.21 0.00	19.31 1.29 0.00	22.62 1.49 0.00	32.35 2.13 -0.22	39.27 2.43 -2.93	32.16 2.14 0.00	26.59 1.75 0.00	23.24 1.47 -0.61	23.60 1.47 -1.46	21.01 1.30 -0.92
LINDHRST_69_KV_BK1 356055	20.64 1.73 -0.95	21.01 1.17 -7.74	20.44 1.02 -8.72	21.19 0.96 -10.24	21.97 0.13 -20.36	24.51 1.07 -11.90	58.73 -0.70 -66.88	39.72 1.84 -19.08	33.40 1.63 -16.05	22.76 1.96 0.00	24.09 2.23 -0.14	21.86 2.07 -0.87	22.31 2.12 0.00	20.16 1.88 0.00	16.82 1.53 0.00	19.63 1.61 0.00	23.06 1.92 0.00	33.16 2.94 -0.22	40.31 3.47 -2.93	33.07 3.05 0.00	27.28 2.43 0.00	23.78 2.00 -0.61	24.09 1.96 -1.46	21.50 1.80 -0.92
LIPA_MISC_IPP 23656	20.60 1.69 -0.95	21.00 1.16 -7.74	20.44 1.02 -8.72	21.20 0.97 -10.24	21.95 0.12 -20.36	24.40 0.97 -11.90	58.73 -0.70 -66.88	39.65 1.76 -19.08	33.39 1.62 -16.05	22.58 1.77 0.00	23.85 2.00 -0.14	21.69 1.91 -0.87	22.17 1.98 0.00	20.04 1.76 0.00	16.72 1.44 0.00	19.47 1.44 0.00	22.85 1.71 0.00	33.10 2.88 -0.22	40.13 3.29 -2.93	33.00 2.97 0.00	26.96 2.11 0.00	23.51 1.74 -0.61	23.92 1.78 -1.46	21.42 1.72 -0.92
LISF____SOLAR 323691	20.63 1.72 -0.95	21.02 1.18 -7.74	20.45 1.03 -8.72	21.22 0.99 -10.24	21.96 0.12 -20.36	24.41 0.97 -11.90	58.72 -0.71 -66.88	39.67 1.78 -19.08	33.41 1.65 -16.05	22.58 1.77 0.00	23.84 1.99 -0.14	21.68 1.89 -0.87	22.16 1.96 0.00	20.03 1.75 0.00	16.71 1.43 0.00	19.46 1.43 0.00	22.84 1.71 0.00	33.14 2.92 -0.22	40.15 3.32 -2.93	33.04 3.02 0.00	26.96 2.11 0.00	23.51 1.74 -0.61	23.92 1.78 -1.46	21.44 1.74 -0.92
LITTLE FALLS____HYD 24013	18.57 0.59 -0.03	12.72 0.40 -0.22	11.31 0.36 -0.24	10.62 0.35 -0.29	2.08 0.04 -0.58	12.22 0.34 -0.34	-5.91 -0.34 -1.88	20.05 0.71 -0.54	16.84 0.67 -0.45	21.22 0.42 0.00	22.04 0.32 0.00	19.12 0.17 -0.03	20.21 0.01 0.00	18.25 -0.03 0.00	15.26 -0.02 0.00	18.07 0.04 0.00	21.37 0.24 0.00	30.96 0.95 -0.01	34.89 0.91 -0.08	33.05 0.87 -2.16	27.78 0.52 -2.41	23.94 0.49 -2.29	23.51 0.53 -2.30	21.23 0.42 -2.03
LITTLRIV_115KV_TB1 356100	17.96 -0.03 -0.03	12.28 -0.05 -0.23	10.92 -0.05 -0.26	10.26 -0.04 -0.31	2.07 -0.02 -0.62	11.81 -0.09 -0.36	-5.47 -0.05 -2.03	19.28 -0.10 -0.58	16.18 -0.03 -0.49	20.71 -0.10 0.00	21.45 -0.27 0.00	18.69 -0.25 -0.03	20.00 -0.19 0.00	18.09 -0.19 0.00	15.20 -0.09 0.00	18.05 0.02 0.00	21.04 -0.09 0.00	30.05 0.04 -0.01	33.88 -0.11 -0.09	0.14 -0.13 29.75	-9.18 -0.15 33.87	-11.19 -0.17 32.18	-11.44 -0.19 31.93	-9.30 -0.13 27.95
LI_NEWBRDGE____DRP 323616	20.31 1.39 -0.95	20.78 0.94 -7.74	20.24 0.82 -8.72	21.00 0.77 -10.24	21.94 0.11 -20.36	24.30 0.86 -11.90	58.87 -0.56 -66.88	39.37 1.48 -19.08	33.06 1.29 -16.05	22.38 1.58 0.00	23.68 1.82 -0.14	21.50 1.71 -0.87	21.93 1.74 0.00	19.83 1.55 0.00	16.58 1.29 0.00	19.37 1.34 0.00	22.71 1.58 0.00	32.61 2.39 -0.22	39.63 2.80 -2.93	32.48 2.46 0.00	26.81 1.96 0.00	23.39 1.62 -0.61	23.74 1.60 -1.46	21.17 1.47 -0.92
LOCKPORT_115KV_TB60_63_64 80432	17.34 -0.86 -0.25	13.57 -0.53 -2.00	12.50 -0.49 -2.29	12.21 -0.47 -2.69	6.75 -0.06 -5.34	14.09 -0.57 -3.12	10.65 0.58 -17.51	22.67 -1.13 -5.00	18.99 -0.93 -4.20	19.77 -1.04 0.00	20.65 -1.11 -0.04	18.03 -1.12 -0.23	19.14 -1.06 0.00	17.24 -1.04 0.00	14.31 -0.97 0.00	16.68 -1.35 0.00	19.62 -1.51 0.00	27.98 -2.08 -0.05	32.56 -2.09 -0.74	28.18 -1.84 0.00	23.28 -1.57 0.00	19.81 -1.51 -0.16	19.60 -1.45 -0.37	17.62 -1.40 -0.23

LOCKPORT___CC1 323769	17.35 -0.85 -0.25	13.58 -0.52 -2.00	12.52 -0.48 -2.30	12.24 -0.45 -2.70	6.77 -0.06 -5.36	14.10 -0.57 -3.13	10.71 0.57 -17.59	22.68 -1.14 -5.02	18.98 -0.96 -4.22	19.75 -1.05 0.00	20.64 -1.11 -0.04	18.02 -1.13 -0.23	19.14 -1.06 0.00	17.24 -1.04 0.00	14.31 -0.98 0.00	16.67 -1.36 0.00	19.60 -1.54 0.00	27.96 -2.09 -0.06	32.54 -2.11 -0.75	28.16 -1.86 0.00	23.27 -1.58 0.00	19.79 -1.52 -0.16	19.64 -1.41 -0.37	17.62 -1.40 -0.24
LOCKPORT___CC2 323770	17.35 -0.85 -0.25	13.58 -0.52 -2.00	12.52 -0.48 -2.30	12.24 -0.45 -2.70	6.77 -0.06 -5.36	14.10 -0.57 -3.13	10.71 0.57 -17.59	22.68 -1.14 -5.02	18.98 -0.96 -4.22	19.75 -1.05 0.00	20.64 -1.11 -0.04	18.02 -1.13 -0.23	19.14 -1.06 0.00	17.24 -1.04 0.00	14.31 -0.98 0.00	16.67 -1.36 0.00	19.60 -1.54 0.00	27.96 -2.09 -0.06	32.54 -2.11 -0.75	28.16 -1.86 0.00	23.27 -1.58 0.00	19.79 -1.52 -0.16	19.64 -1.41 -0.37	17.62 -1.40 -0.24
LOCKPORT___CC3 323771	17.35 -0.85 -0.25	13.58 -0.52 -2.00	12.52 -0.48 -2.30	12.24 -0.45 -2.70	6.77 -0.06 -5.36	14.10 -0.57 -3.13	10.71 0.57 -17.59	22.68 -1.14 -5.02	18.98 -0.96 -4.22	19.75 -1.05 0.00	20.64 -1.11 -0.04	18.02 -1.13 -0.23	19.14 -1.06 0.00	17.24 -1.04 0.00	14.31 -0.98 0.00	16.67 -1.36 0.00	19.60 -1.54 0.00	27.96 -2.09 -0.06	32.54 -2.11 -0.75	28.16 -1.86 0.00	23.27 -1.58 0.00	19.79 -1.52 -0.16	19.64 -1.41 -0.37	17.62 -1.40 -0.24
LONG_LAKE_PHOENIX 24014	17.86 -0.27 -0.17	13.27 -0.19 -1.36	12.09 -0.17 -1.56	11.66 -0.16 -1.83	5.09 -0.02 -3.64	13.48 -0.19 -2.13	4.64 0.13 -11.96	21.92 -0.29 -3.41	18.36 -0.23 -2.87	20.46 -0.34 0.00	21.40 -0.34 -0.03	19.13 0.04 -0.17	20.21 0.02 0.00	18.26 -0.03 0.00	15.18 -0.11 0.00	17.65 -0.38 0.00	20.76 -0.37 0.00	29.56 -0.48 -0.04	33.88 -0.55 -0.53	29.54 -0.48 0.00	24.43 -0.42 0.00	20.92 -0.35 -0.11	20.59 -0.35 -0.26	18.59 -0.36 -0.16
LOVETT___3 23632	19.78 0.96 -0.87	19.85 0.65 -7.10	19.75 0.66 -8.39	20.47 0.63 -9.86	21.16 0.09 -19.60	23.75 0.76 -11.45	56.40 -0.53 -64.38	38.53 1.36 -18.37	32.31 1.14 -15.45	22.18 1.38 0.00	23.44 1.59 -0.14	21.19 1.43 -0.84	21.64 1.44 0.00	19.59 1.31 0.00	16.36 1.07 0.00	19.18 1.16 0.00	22.51 1.38 0.00	32.25 2.04 -0.21	39.08 2.35 -2.82	32.05 2.03 0.00	26.49 1.64 0.00	23.13 1.38 -0.59	23.46 1.38 -1.41	20.89 1.22 -0.89
LOVETT___4 23642	19.78 0.96 -0.87	19.85 0.65 -7.10	19.75 0.66 -8.39	20.47 0.63 -9.86	21.16 0.09 -19.60	23.75 0.76 -11.45	56.40 -0.53 -64.38	38.53 1.36 -18.37	32.31 1.14 -15.45	22.18 1.38 0.00	23.44 1.59 -0.14	21.19 1.43 -0.84	21.64 1.44 0.00	19.59 1.31 0.00	16.36 1.07 0.00	19.18 1.16 0.00	22.51 1.38 0.00	32.25 2.04 -0.21	39.08 2.35 -2.82	32.05 2.03 0.00	26.49 1.64 0.00	23.13 1.38 -0.59	23.46 1.38 -1.41	20.89 1.22 -0.89
LOVETT___5 23593	19.78 0.96 -0.87	19.85 0.65 -7.10	19.75 0.66 -8.39	20.47 0.63 -9.86	21.16 0.09 -19.60	23.75 0.76 -11.45	56.40 -0.53 -64.38	38.53 1.36 -18.37	32.31 1.14 -15.45	22.18 1.38 0.00	23.44 1.59 -0.14	21.19 1.43 -0.84	21.64 1.44 0.00	19.59 1.31 0.00	16.36 1.07 0.00	19.18 1.16 0.00	22.51 1.38 0.00	32.25 2.04 -0.21	39.08 2.35 -2.82	32.05 2.03 0.00	26.49 1.64 0.00	23.13 1.38 -0.59	23.46 1.38 -1.41	20.89 1.22 -0.89
LOWER RAQUET___HYD 24057	17.73 -0.25 -0.03	12.14 -0.20 -0.25	10.80 -0.18 -0.28	10.16 -0.15 -0.33	2.09 -0.03 -0.65	11.69 -0.23 -0.38	-5.25 0.06 -2.15	19.05 -0.36 -0.61	15.98 -0.26 -0.51	20.48 -0.32 0.00	21.24 -0.47 0.00	18.51 -0.44 -0.03	19.77 -0.42 0.00	17.85 -0.42 0.00	15.01 -0.28 0.00	17.81 -0.22 0.00	20.75 -0.39 0.00	29.57 -0.43 -0.01	33.41 -0.58 -0.09	0.37 -0.64 29.01	-8.75 -0.50 33.10	-10.77 -0.47 31.46	-11.05 -0.51 31.22	-8.90 -0.40 27.29
LOWER___HUDSON 24059	19.87 0.72 -1.19	22.31 0.51 -9.70	22.20 0.46 -11.04	23.39 0.42 -12.98	27.33 0.07 -25.80	27.12 0.51 -15.08	76.95 -0.34 -84.74	43.86 0.89 -24.16	36.76 0.72 -20.32	21.68 0.88 0.00	22.86 0.96 -0.18	20.83 0.81 -1.10	20.99 0.80 0.00	18.98 0.71 0.00	15.89 0.60 0.00	18.67 0.64 0.00	21.97 0.84 0.00	31.50 1.23 -0.27	39.05 1.47 -3.68	31.12 1.10 0.00	25.84 0.99 0.00	22.80 0.87 -0.77	23.35 0.84 -1.84	20.71 0.77 -1.16
LOWVILLE_115KV_TB2 356335	17.82 -0.21 -0.07	12.41 -0.30 -0.60	11.17 -0.22 -0.69	10.73 -0.07 -0.81	3.04 -0.04 -1.62	12.21 -0.28 -0.95	-2.16 -0.03 -5.32	20.07 -0.25 -1.52	16.84 -0.15 -1.28	20.57 -0.23 0.00	21.24 -0.48 -0.01	18.50 -0.50 -0.07	19.53 -0.66 0.00	17.54 -0.74 0.00	14.72 -0.57 0.00	17.42 -0.60 0.00	20.50 -0.63 0.00	29.26 -0.76 -0.02	33.26 -0.87 -0.23	22.15 -0.91 6.95	16.08 -0.79 7.98	12.95 -0.67 7.55	12.50 -0.75 7.43	11.57 -0.71 6.50
LUTHERFT_115KV_GLOB_FND_222 355753	20.04 0.87 -1.22	22.58 0.61 -9.87	22.51 0.56 -11.24	23.72 0.53 -13.21	27.81 0.08 -26.25	27.55 0.67 -15.34	78.31 -0.46 -86.22	44.61 1.21 -24.59	37.35 0.95 -20.68	21.99 1.19 0.00	23.13 1.23 -0.18	21.07 1.03 -1.12	21.22 1.03 0.00	19.18 0.90 0.00	16.04 0.76 0.00	18.87 0.84 0.00	22.23 1.09 0.00	31.86 1.58 -0.28	39.56 1.91 -3.75	31.48 1.45 0.00	26.13 1.28 0.00	23.04 1.10 -0.79	23.62 1.08 -1.87	20.93 0.96 -1.18
LUTHERNY_35_KV_BK2 355980	20.05 0.88 -1.22	22.59 0.62 -9.87	22.51 0.57 -11.24	23.73 0.54 -13.21	27.81 0.08 -26.25	27.56 0.68 -15.34	78.30 -0.47 -86.22	44.63 1.24 -24.59	37.36 0.96 -20.68	22.00 1.20 0.00	23.11 1.22 -0.18	21.06 1.02 -1.12	21.22 1.02 0.00	19.18 0.90 0.00	16.04 0.76 0.00	18.87 0.84 0.00	22.24 1.11 0.00	31.89 1.61 -0.28	39.59 1.94 -3.75	31.50 1.48 0.00	26.15 1.30 0.00	23.05 1.11 -0.79	23.64 1.10 -1.87	20.94 0.97 -1.18
LWR___OSWEGATCHIE_HYD 23850	17.67 -0.34 -0.06	12.23 -0.32 -0.45	10.94 -0.27 -0.51	10.41 -0.18 -0.60	2.62 -0.04 -1.20	11.94 -0.30 -0.70	-3.46 0.05 -3.94	19.56 -0.36 -1.12	16.38 -0.28 -0.94	20.43 -0.37 0.00	21.14 -0.58 -0.01	18.43 -0.55 -0.05	19.59 -0.61 0.00	17.62 -0.66 0.00	14.81 -0.48 0.00	17.54 -0.49 0.00	20.54 -0.60 0.00	29.27 -0.74 -0.01	33.24 -0.83 -0.17	9.91 -0.92 19.19	2.21 -0.72 21.91	-0.28 -0.63 20.81	-0.66 -0.72 20.61	0.10 -0.66 18.02
LYONS_FALL_HYD 23570	18.05 0.03 -0.07	12.59 -0.07 -0.57	11.31 -0.04 -0.65	10.80 0.04 -0.77	2.98 -0.02 -1.52	12.35 -0.08 -0.89	-2.54 -0.10 -5.00	20.27 0.04 -1.43	17.01 0.09 -1.20	20.84 0.04 0.00	21.58 -0.14 -0.01	18.80 -0.18 -0.07	19.90 -0.30 0.00	17.92 -0.36 0.00	15.01 -0.28 0.00	17.74 -0.29 0.00	20.90 -0.23 0.00	29.86 -0.16 -0.02	33.86 -0.26 -0.21	25.95 -0.27 3.80	20.15 -0.32 4.38	16.75 -0.27 4.14	16.33 -0.30 4.04	14.94 -0.31 3.53
MADISON___COUNTY_LFGE 323628	18.51 0.44 -0.11	13.32 0.29 -0.93	12.03 0.26 -1.07	11.49 0.25 -1.25	3.99 0.03 -2.49	13.26 0.26 -1.46	0.48 -0.25 -8.18	21.73 0.59 -2.33	18.21 0.52 -1.96	21.34 0.54 0.00	22.17 0.44 -0.02	19.35 0.32 -0.11	20.44 0.25 0.00	18.48 0.20 0.00	15.43 0.15 0.00	18.20 0.17 0.00	21.53 0.40 0.00	30.76 0.73 -0.02	34.96 0.72 -0.34	30.71 0.69 0.00	25.27 0.43 0.00	21.57 0.34 -0.07	21.19 0.35 -0.17	19.15 0.26 -0.11

MALONE___115KV_TB1 356076	17.86 -0.09 0.00	12.01 -0.09 0.00	10.63 -0.07 0.00	9.93 -0.05 0.00	1.46 -0.01 0.00	11.45 -0.09 0.00	-7.52 -0.07 0.00	18.62 -0.19 0.00	15.59 -0.13 0.00	20.77 -0.03 0.00	21.50 -0.21 0.00	18.52 -0.42 -0.02	19.80 -0.39 0.00	17.91 -0.37 0.00	15.00 -0.29 0.00	17.82 -0.21 0.00	20.82 -0.31 0.00	29.58 -0.42 0.00	33.39 -0.51 0.00	-1.16 -0.88 30.30	-12.99 -0.70 37.14	-15.41 -0.61 35.95	-15.77 -0.69 35.76	-11.63 -0.60 29.82
MAPLEWOD_115KV_TB3 80458	19.76 0.61 -1.18	22.15 0.44 -9.61	22.04 0.39 -10.94	23.21 0.36 -12.87	27.09 0.05 -25.57	26.90 0.42 -14.94	76.24 -0.28 -83.97	43.53 0.79 -23.94	36.48 0.63 -20.13	21.59 0.79 0.00	22.75 0.86 -0.18	20.72 0.72 -1.09	20.91 0.71 0.00	18.93 0.65 0.00	15.86 0.57 0.00	18.64 0.62 0.00	21.89 0.76 0.00	31.38 1.10 -0.27	38.89 1.32 -3.66	31.05 1.03 0.00	25.75 0.91 0.00	22.72 0.80 -0.77	23.26 0.76 -1.83	20.65 0.71 -1.15
MAPLE_RIDGE_WT_1 323574	17.30 -0.65 0.00	11.66 -0.44 0.00	10.32 -0.39 0.00	9.60 -0.39 0.00	1.40 -0.06 0.00	11.05 -0.49 0.00	-7.17 0.28 0.00	17.99 -0.81 0.00	14.98 -0.74 0.00	19.82 -0.98 0.00	20.74 -0.98 0.00	18.16 -0.76 0.00	19.38 -0.81 0.00	17.52 -0.76 0.00	14.68 -0.61 0.00	17.39 -0.64 0.00	20.30 -0.84 0.00	28.65 -1.35 0.00	32.28 -1.63 0.00	-27.58 -1.37 56.23	-39.00 -1.15 62.70	-39.00 -0.88 59.27	-39.00 -0.85 58.83	-34.23 -0.80 52.22
MAPLE_RIDGE_WT_2 323611	17.30 -0.65 0.00	11.66 -0.44 0.00	10.32 -0.39 0.00	9.60 -0.39 0.00	1.40 -0.06 0.00	11.05 -0.49 0.00	-7.17 0.28 0.00	17.99 -0.81 0.00	14.98 -0.74 0.00	19.82 -0.98 0.00	20.74 -0.98 0.00	18.16 -0.76 0.00	19.38 -0.81 0.00	17.52 -0.76 0.00	14.68 -0.61 0.00	17.39 -0.64 0.00	20.30 -0.84 0.00	28.65 -1.35 0.00	32.28 -1.63 0.00	-27.58 -1.37 56.23	-39.00 -1.15 62.70	-39.00 -0.88 59.27	-39.00 -0.85 58.83	-34.23 -0.80 52.22
MARBLE_RIVER_WT_PWR 323696	17.68 -0.27 0.00	11.90 -0.20 0.00	10.54 -0.16 0.00	9.85 -0.13 0.00	1.45 -0.02 0.00	11.34 -0.20 0.00	-7.43 0.02 0.00	18.33 -0.47 0.00	15.35 -0.37 0.00	20.52 -0.28 0.00	21.25 -0.46 0.00	18.23 -0.69 0.00	19.53 -0.66 0.00	17.69 -0.59 0.00	14.78 -0.51 0.00	17.58 -0.45 0.00	20.56 -0.57 0.00	29.12 -0.88 0.00	32.90 -1.00 0.00	-15.93 -1.46 44.50	-21.00 -1.12 44.73	-20.85 -0.95 41.06	-21.00 -1.03 40.65	-21.00 -0.90 38.88
MARSHVLE_115KV_TB1 80742	20.14 0.70 -1.49	24.65 0.46 -12.09	24.93 0.43 -13.80	26.58 0.37 -16.22	33.76 0.06 -32.24	30.89 0.51 -18.84	98.10 -0.31 -105.87	49.82 0.82 -30.20	41.74 0.62 -25.40	21.55 0.74 0.00	22.58 0.64 -0.22	20.85 0.56 -1.37	20.81 0.61 0.00	18.82 0.54 0.00	15.72 0.43 0.00	18.53 0.51 0.00	21.82 0.69 0.00	31.51 1.16 -0.34	39.94 1.41 -4.62	31.24 1.22 0.00	25.87 1.02 0.00	23.01 0.88 -0.97	23.76 0.78 -2.31	20.93 0.69 -1.45
MARSH_HILL_WT_PWR 323713	17.74 -0.51 -0.30	14.03 -0.49 -2.42	12.97 -0.51 -2.77	12.79 -0.45 -3.26	7.97 -0.07 -6.56	14.71 -0.69 -3.86	14.81 0.55 -21.71	23.92 -1.08 -6.19	19.82 -1.11 -5.21	19.47 -1.33 0.00	20.40 -1.36 -0.05	17.83 -1.37 -0.28	18.80 -1.40 0.00	16.89 -1.38 0.00	13.97 -1.32 0.00	16.33 -1.70 0.00	19.48 -1.65 0.00	27.92 -2.15 -0.07	32.65 -2.17 -0.92	27.86 -2.16 0.00	22.96 -1.89 0.00	19.56 -1.80 -0.19	19.48 -1.65 -0.46	17.59 -1.48 -0.29
MCINTYRE_115KV_TB2 80467	18.08 0.10 -0.03	12.35 0.04 -0.21	10.97 0.03 -0.24	10.30 0.03 -0.28	2.03 0.00 -0.56	11.88 0.01 -0.33	-5.70 -0.10 -1.84	19.41 0.08 -0.53	16.24 0.08 -0.44	20.84 0.04 0.00	21.57 -0.15 0.00	18.81 -0.13 -0.03	20.15 -0.04 0.00	18.26 -0.03 0.00	15.33 0.05 0.00	18.22 0.19 0.00	21.25 0.12 0.00	30.28 0.28 -0.01	34.20 0.22 -0.08	-0.77 0.16 30.96	-10.15 0.12 35.11	-12.11 0.06 33.33	-12.38 0.01 33.07	-10.20 0.04 29.02
MECO___69_KV_BK1 80468	20.50 1.13 -1.42	24.39 0.80 -11.49	24.53 0.72 -13.11	26.05 0.66 -15.41	32.18 0.08 -30.62	30.19 0.75 -17.89	92.60 -0.53 -100.58	48.67 1.17 -28.69	40.73 0.88 -24.13	21.07 0.27 0.00	22.26 0.33 -0.21	20.53 0.31 -1.31	20.50 0.30 0.00	18.49 0.20 0.00	15.50 0.21 0.00	18.53 0.51 0.00	22.33 1.19 0.00	32.93 2.61 -0.32	40.71 2.41 -4.39	32.34 2.32 0.00	26.47 1.62 0.00	23.48 1.40 -0.92	24.32 1.46 -2.19	21.47 1.30 -1.38
MENANDS___115KV_TB5 355628	19.66 0.52 -1.18	22.08 0.39 -9.59	21.97 0.34 -10.92	23.14 0.31 -12.84	27.03 0.05 -25.52	26.80 0.35 -14.91	76.11 -0.23 -83.80	43.36 0.67 -23.89	36.34 0.53 -20.09	21.47 0.67 0.00	22.64 0.75 -0.18	20.64 0.63 -1.09	20.82 0.62 0.00	18.85 0.57 0.00	15.80 0.51 0.00	18.56 0.54 0.00	21.79 0.65 0.00	31.20 0.92 -0.27	38.68 1.12 -3.66	30.87 0.85 0.00	25.60 0.76 0.00	22.60 0.68 -0.77	23.14 0.65 -1.82	20.56 0.63 -1.15
MG INDUSTRY___DRP 24185	19.75 0.64 -1.15	21.90 0.46 -9.35	21.75 0.40 -10.65	22.88 0.37 -12.52	26.40 0.06 -24.88	26.50 0.43 -14.54	73.97 -0.28 -81.70	42.83 0.71 -23.32	35.93 0.60 -19.61	21.57 0.76 0.00	22.67 0.78 -0.17	20.64 0.66 -1.06	20.86 0.66 0.00	18.88 0.60 0.00	15.83 0.54 0.00	18.61 0.58 0.00	21.86 0.73 0.00	31.32 1.05 -0.26	38.71 1.23 -3.57	31.02 1.00 0.00	25.70 0.86 0.00	22.66 0.75 -0.75	23.17 0.72 -1.78	20.59 0.68 -1.12
MID___OSWEGATCHIE_HYD 23849	17.67 -0.34 -0.06	12.23 -0.32 -0.45	10.94 -0.27 -0.51	10.41 -0.18 -0.60	2.62 -0.04 -1.20	11.94 -0.30 -0.70	-3.46 0.05 -3.94	19.56 -0.36 -1.12	16.38 -0.28 -0.94	20.43 -0.37 0.00	21.14 -0.58 -0.01	18.43 -0.55 -0.05	19.59 -0.61 0.00	17.62 -0.66 0.00	14.81 -0.48 0.00	17.54 -0.49 0.00	20.54 -0.60 0.00	29.27 -0.74 -0.01	33.24 -0.83 -0.17	9.91 -0.92 19.19	2.21 -0.72 21.91	-0.28 -0.63 20.81	-0.66 -0.72 20.61	0.10 -0.66 18.02
MID___RAQUETTE_HYD 23851	17.73 -0.25 -0.03	12.14 -0.20 -0.25	10.80 -0.18 -0.28	10.16 -0.15 -0.33	2.09 -0.03 -0.65	11.69 -0.23 -0.38	-5.25 0.06 -2.15	19.05 -0.36 -0.61	15.98 -0.26 -0.51	20.48 -0.32 0.00	21.24 -0.47 0.00	18.51 -0.45 -0.03	19.77 -0.42 0.00	17.85 -0.42 0.00	15.01 -0.28 0.00	17.81 -0.22 0.00	20.75 -0.39 0.00	29.58 -0.43 -0.01	33.41 -0.58 -0.09	0.38 -0.64 29.01	-8.75 -0.50 33.10	-10.77 -0.46 31.46	-11.05 -0.51 31.22	-8.90 -0.40 27.29
MILLIKEN___1 23584	18.70 0.45 -0.30	14.79 0.29 -2.40	13.69 0.24 -2.75	13.44 0.23 -3.23	7.93 0.04 -6.42	15.58 0.28 -3.75	13.47 -0.18 -21.10	25.34 0.52 -6.02	21.24 0.46 -5.06	21.27 0.47 0.00	22.19 0.43 -0.04	19.44 0.25 -0.27	20.43 0.23 0.00	18.46 0.18 0.00	15.40 0.11 0.00	18.12 0.09 0.00	21.41 0.27 0.00	30.61 0.54 -0.06	35.43 0.64 -0.88	30.62 0.60 0.00	25.27 0.42 0.00	21.61 0.27 -0.18	21.40 0.29 -0.44	19.27 0.21 -0.28
MILLIKEN___2 23585	18.70 0.45 -0.30	14.79 0.29 -2.40	13.69 0.24 -2.75	13.44 0.23 -3.23	7.93 0.04 -6.42	15.58 0.28 -3.75	13.47 -0.18 -21.10	25.34 0.52 -6.02	21.24 0.46 -5.06	21.27 0.47 0.00	22.19 0.43 -0.04	19.44 0.25 -0.27	20.43 0.23 0.00	18.46 0.18 0.00	15.40 0.11 0.00	18.12 0.09 0.00	21.41 0.27 0.00	30.61 0.54 -0.06	35.43 0.64 -0.88	30.62 0.60 0.00	25.27 0.42 0.00	21.61 0.27 -0.18	21.40 0.29 -0.44	19.27 0.21 -0.28

MILLIKEN___DIESEL 23629	18.70 0.45 -0.30	14.79 0.29 -2.40	13.69 0.24 -2.75	13.44 0.23 -3.23	7.93 0.04 -6.42	15.58 0.28 -3.75	13.47 -0.18 -21.10	25.34 0.52 -6.02	21.24 0.46 -5.06	21.27 0.47 0.00	22.19 0.43 -0.04	19.44 0.25 -0.27	20.43 0.23 0.00	18.46 0.18 0.00	15.40 0.11 0.00	18.12 0.09 0.00	21.41 0.27 0.00	30.61 0.54 -0.06	35.43 0.64 -0.88	30.62 0.60 0.00	25.27 0.42 0.00	21.61 0.27 -0.18	21.40 0.29 -0.44	19.27 0.21 -0.28
MILLSEAT___LFGE 323607	17.74 -0.46 -0.24	13.79 -0.27 -1.97	12.69 -0.26 -2.25	12.38 -0.24 -2.64	6.69 -0.03 -5.25	14.30 -0.30 -3.06	10.12 0.35 -17.22	23.11 -0.61 -4.91	19.36 -0.49 -4.13	20.24 -0.56 0.00	21.09 -0.66 -0.04	18.39 -0.75 -0.22	19.50 -0.69 0.00	17.56 -0.72 0.00	14.60 -0.69 0.00	17.09 -0.93 0.00	20.15 -0.99 0.00	28.78 -1.28 -0.05	33.44 -1.20 -0.73	28.98 -1.04 0.00	23.91 -0.93 0.00	20.33 -0.98 -0.15	20.13 -0.91 -0.36	18.05 -0.96 -0.23
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	20.09 1.18 -0.95	20.58 0.79 -7.69	20.06 0.69 -8.66	20.82 0.65 -10.18	21.80 0.10 -20.23	24.14 0.78 -11.82	58.47 -0.53 -66.45	39.15 1.39 -18.96	32.82 1.16 -15.94	22.23 1.43 0.00	23.50 1.64 -0.14	21.27 1.49 -0.86	21.70 1.51 0.00	19.65 1.37 0.00	16.42 1.13 0.00	19.24 1.22 0.00	22.57 1.43 0.00	32.31 2.10 -0.21	39.24 2.43 -2.91	32.12 2.10 0.00	26.56 1.72 0.00	23.21 1.44 -0.61	23.56 1.43 -1.45	20.97 1.27 -0.92
MILLWOOD_13_KV_LOAD 356217	20.13 1.23 -0.95	20.61 0.82 -7.69	20.08 0.72 -8.66	20.84 0.67 -10.18	21.80 0.10 -20.23	24.18 0.81 -11.82	58.45 -0.55 -66.45	39.20 1.44 -18.96	32.87 1.20 -15.94	22.29 1.49 0.00	23.55 1.70 -0.14	21.32 1.54 -0.86	21.75 1.56 0.00	19.70 1.41 0.00	16.45 1.16 0.00	19.29 1.26 0.00	22.63 1.49 0.00	32.40 2.18 -0.21	39.35 2.53 -2.91	32.21 2.19 0.00	26.63 1.79 0.00	23.27 1.50 -0.61	23.61 1.49 -1.45	21.02 1.32 -0.92
MODEL_CITY_ENERGY 24167	17.16 -1.04 -0.25	13.46 -0.65 -2.02	12.42 -0.59 -2.31	12.15 -0.55 -2.72	6.78 -0.07 -5.39	14.00 -0.69 -3.14	10.88 0.66 -17.67	22.48 -1.37 -5.04	18.83 -1.13 -4.24	19.53 -1.27 0.00	20.41 -1.34 -0.04	17.83 -1.32 -0.23	18.93 -1.27 0.00	17.05 -1.23 0.00	14.16 -1.13 0.00	16.48 -1.55 0.00	19.37 -1.76 0.00	27.61 -2.44 -0.06	32.16 -2.50 -0.75	27.82 -2.20 0.00	22.99 -1.86 0.00	19.57 -1.75 -0.16	19.43 -1.62 -0.37	17.44 -1.58 -0.24
MODERN_LFGE___ 323580	17.16 -1.04 -0.25	13.46 -0.65 -2.02	12.42 -0.59 -2.31	12.15 -0.55 -2.72	6.78 -0.07 -5.39	14.00 -0.69 -3.14	10.88 0.66 -17.67	22.48 -1.37 -5.04	18.83 -1.13 -4.24	19.53 -1.27 0.00	20.41 -1.34 -0.04	17.83 -1.32 -0.23	18.93 -1.27 0.00	17.05 -1.23 0.00	14.16 -1.13 0.00	16.48 -1.55 0.00	19.37 -1.76 0.00	27.61 -2.44 -0.06	32.16 -2.50 -0.75	27.82 -2.20 0.00	22.99 -1.86 0.00	19.57 -1.75 -0.16	19.43 -1.62 -0.37	17.44 -1.58 -0.24
MOHAWK_PAPER___DRP 24187	19.76 0.61 -1.18	22.15 0.44 -9.61	22.04 0.39 -10.94	23.21 0.36 -12.87	27.09 0.05 -25.57	26.90 0.42 -14.94	76.24 -0.28 -83.97	43.53 0.79 -23.94	36.48 0.63 -20.13	21.59 0.79 0.00	22.75 0.86 -0.18	20.72 0.72 -1.09	20.91 0.71 0.00	18.93 0.65 0.00	15.86 0.57 0.00	18.64 0.62 0.00	21.89 0.76 0.00	31.38 1.10 -0.27	38.89 1.32 -3.66	31.05 1.03 0.00	25.75 0.91 0.00	22.72 0.80 -0.77	23.26 0.76 -1.83	20.65 0.71 -1.15
MOHICAN___35_KV_115KV_LD 80490	19.98 0.81 -1.22	22.56 0.58 -9.87	22.52 0.57 -11.25	23.75 0.54 -13.22	27.84 0.09 -26.28	27.62 0.73 -15.35	78.32 -0.52 -86.29	44.78 1.36 -24.61	37.45 1.03 -20.70	22.10 1.30 0.00	23.21 1.31 -0.18	21.12 1.08 -1.12	21.21 1.01 0.00	19.13 0.85 0.00	16.00 0.71 0.00	18.78 0.76 0.00	22.20 1.06 0.00	31.78 1.50 -0.28	39.55 1.89 -3.76	31.33 1.31 0.00	25.99 1.15 0.00	22.95 1.00 -0.79	23.59 1.05 -1.87	20.87 0.91 -1.18
MONGAUP___HYD 23641	19.88 1.08 -0.83	19.59 0.72 -6.78	19.23 0.65 -7.88	19.86 0.61 -9.26	19.97 0.09 -18.41	23.07 0.77 -10.76	52.48 -0.52 -60.45	37.39 1.34 -17.25	31.29 1.07 -14.50	21.99 1.18 0.00	23.10 1.26 -0.13	20.74 1.04 -0.78	21.18 0.98 0.00	19.18 0.90 0.00	16.01 0.72 0.00	18.82 0.80 0.00	22.26 1.13 0.00	32.05 1.85 -0.19	38.69 2.14 -2.65	32.10 2.08 0.00	26.54 1.70 0.00	23.00 1.28 -0.55	23.41 1.42 -1.32	20.79 1.18 -0.83
MONTAUK___DIESEL 23721	21.19 2.27 -0.95	21.40 1.56 -7.74	20.78 1.36 -8.72	21.53 1.30 -10.24	22.01 0.18 -20.36	24.85 1.41 -11.90	58.41 -1.02 -66.88	40.46 2.57 -19.08	34.03 2.26 -16.05	23.41 2.61 0.00	24.71 2.86 -0.14	22.41 2.62 -0.87	22.92 2.73 0.00	20.72 2.45 0.00	17.30 2.01 0.00	20.16 2.14 0.00	23.72 2.59 0.00	34.29 4.08 -0.22	41.74 4.90 -2.93	34.24 4.22 0.00	28.07 3.23 0.00	24.42 2.64 -0.61	24.66 2.52 -1.46	22.05 2.35 -0.92
MOONROAD_115KV_HARTFLD_TB1-2 355988	17.52 -0.70 -0.27	13.85 -0.43 -2.18	12.79 -0.42 -2.50	12.55 -0.37 -2.94	7.23 -0.04 -5.80	14.50 -0.42 -3.38	11.97 0.41 -19.01	23.55 -0.68 -5.43	19.64 -0.64 -4.56	20.07 -0.73 0.00	21.12 -0.63 -0.04	18.45 -0.72 -0.25	19.51 -0.68 0.00	17.51 -0.77 0.00	14.51 -0.78 0.00	16.92 -1.11 0.00	19.92 -1.22 0.00	28.48 -1.58 -0.06	33.32 -1.39 -0.81	28.65 -1.37 0.00	23.60 -1.25 0.00	20.08 -1.24 -0.17	19.87 -1.21 -0.40	18.00 -1.05 -0.25
MORTIMER_115KV_TB3 55949	17.82 -0.36 -0.22	13.71 -0.22 -1.82	12.58 -0.21 -2.09	12.23 -0.20 -2.45	6.32 -0.02 -4.87	14.17 -0.22 -2.85	8.78 0.23 -15.99	22.97 -0.39 -4.56	19.22 -0.33 -3.84	20.42 -0.38 0.00	21.34 -0.41 -0.03	18.66 -0.46 -0.21	19.76 -0.43 0.00	17.84 -0.44 0.00	14.85 -0.43 0.00	17.43 -0.60 0.00	20.51 -0.62 0.00	29.21 -0.85 -0.05	33.83 -0.75 -0.68	29.31 -0.71 0.00	24.23 -0.61 0.00	20.65 -0.65 -0.14	20.34 -0.67 -0.34	18.31 -0.69 -0.21
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	20.23 1.32 -0.95	20.72 0.87 -7.74	20.19 0.77 -8.72	20.95 0.71 -10.25	21.94 0.10 -20.37	24.29 0.84 -11.90	58.90 -0.56 -66.91	39.38 1.49 -19.09	33.02 1.25 -16.05	22.37 1.57 0.00	23.66 1.81 -0.14	21.45 1.66 -0.87	21.87 1.68 0.00	19.82 1.55 0.00	16.55 1.27 0.00	19.40 1.37 0.00	22.72 1.59 0.00	32.49 2.27 -0.22	39.44 2.60 -2.93	32.31 2.29 0.00	26.72 1.88 0.00	23.35 1.57 -0.61	23.71 1.57 -1.46	21.09 1.39 -0.92
MUNSVILLE_WIND_PWR 323609	19.63 1.29 -0.38	16.02 0.81 -3.11	14.94 0.68 -3.56	14.82 0.65 -4.18	9.89 0.10 -8.32	17.21 0.81 -4.86	19.35 -0.51 -27.32	27.30 0.70 -7.79	23.03 0.75 -6.55	21.64 0.84 0.00	22.40 0.63 -0.06	19.63 0.35 -0.36	20.36 0.16 0.00	18.35 0.07 0.00	15.29 0.01 0.00	18.46 0.43 0.00	22.10 0.97 0.00	31.78 1.69 -0.09	36.87 1.80 -1.16	31.74 1.72 0.00	26.06 1.22 0.00	22.26 0.86 -0.24	22.12 0.86 -0.58	19.89 0.74 -0.37
N SALMON___HYD 24042	17.86 -0.09 0.00	12.01 -0.09 0.00	10.63 -0.07 0.00	9.94 -0.05 0.00	1.46 -0.01 0.00	11.45 -0.09 0.00	-7.51 -0.07 0.00	18.62 -0.19 0.00	15.59 -0.13 0.00	20.77 -0.03 0.00	21.51 -0.21 0.00	18.52 -0.41 -0.02	19.80 -0.39 0.00	17.91 -0.37 0.00	15.00 -0.29 0.00	17.82 -0.21 0.00	20.82 -0.31 0.00	29.58 -0.42 0.00	33.39 -0.51 0.00	-1.17 -0.88 30.30	-12.99 -0.70 37.14	-15.41 -0.61 35.95	-15.77 -0.69 35.76	-11.63 -0.60 29.82

N.AKRON__115KV_KNAPP 355671	17.63 -0.57 -0.24	13.73 -0.35 -1.98	12.64 -0.33 -2.27	12.33 -0.32 -2.66	6.71 -0.04 -5.28	14.24 -0.38 -3.08	10.32 0.43 -17.33	22.98 -0.77 -4.95	19.27 -0.61 -4.16	20.11 -0.69 0.00	20.97 -0.78 -0.04	18.30 -0.85 -0.22	19.42 -0.77 0.00	17.48 -0.79 0.00	14.53 -0.76 0.00	16.96 -1.06 0.00	19.98 -1.15 0.00	28.54 -1.51 -0.05	33.17 -1.47 -0.74	28.74 -1.28 0.00	23.71 -1.14 0.00	20.16 -1.15 -0.15	19.94 -1.10 -0.37	17.92 -1.09 -0.23
N.BELMOR_69_KV_BK1 55787	20.46 1.54 -0.95	20.87 1.03 -7.74	20.32 0.90 -8.72	21.08 0.85 -10.24	21.95 0.12 -20.36	24.41 0.97 -11.90	58.83 -0.60 -66.88	39.52 1.63 -19.08	33.21 1.44 -16.05	22.57 1.76 0.00	23.89 2.03 -0.14	21.67 1.89 -0.87	22.11 1.92 0.00	19.99 1.71 0.00	16.69 1.41 0.00	19.51 1.49 0.00	22.89 1.76 0.00	32.87 2.65 -0.22	39.98 3.15 -2.93	32.78 2.76 0.00	27.07 2.22 0.00	23.60 1.83 -0.61	23.93 1.79 -1.46	21.33 1.63 -0.92
N.E_GEN_SANDY PD 24062	19.94 0.93 -1.06	21.36 0.64 -8.62	21.05 0.56 -9.79	22.02 0.53 -11.50	24.41 0.08 -22.87	25.52 0.62 -13.36	67.24 -0.41 -75.10	44.31 1.07 -24.44	31.91 0.86 -15.33	21.95 1.10 -0.05	23.15 1.23 -0.22	20.96 1.06 -0.97	21.27 1.08 0.00	19.25 0.97 0.00	13.76 0.80 2.33	18.90 0.88 0.00	22.39 1.06 -0.20	30.66 1.52 0.87	38.70 1.84 -2.95	31.05 1.43 0.40	26.09 1.25 0.00	22.95 1.09 -0.70	23.22 1.05 -1.49	21.00 0.96 -1.25
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	19.82 0.99 -0.87	19.87 0.68 -7.10	19.76 0.68 -8.37	20.47 0.64 -9.84	21.12 0.09 -19.56	23.75 0.78 -11.43	56.25 -0.55 -64.24	38.53 1.40 -18.33	32.31 1.17 -15.42	22.22 1.42 0.00	23.48 1.63 -0.14	21.23 1.47 -0.83	21.67 1.48 0.00	19.62 1.34 0.00	16.38 1.10 0.00	19.22 1.19 0.00	22.56 1.42 0.00	32.33 2.12 -0.21	39.14 2.43 -2.82	32.12 2.10 0.00	26.54 1.69 0.00	23.16 1.42 -0.59	23.50 1.42 -1.40	20.93 1.26 -0.88
N.QUEENS_27_KV_LOAD 356247	20.29 1.38 -0.95	20.73 0.89 -7.74	20.21 0.79 -8.72	21.00 0.76 -10.25	21.96 0.11 -20.37	24.33 0.89 -11.90	58.91 -0.55 -66.91	39.38 1.49 -19.09	33.06 1.28 -16.05	22.41 1.61 0.00	23.70 1.85 -0.14	21.53 1.74 -0.87	21.94 1.74 0.00	19.92 1.64 0.00	16.62 1.34 0.00	19.46 1.43 0.00	22.76 1.63 0.00	32.43 2.22 -0.22	39.49 2.66 -2.93	32.36 2.34 0.00	26.79 1.94 0.00	23.45 1.67 -0.61	23.78 1.64 -1.46	21.20 1.49 -0.92
N.TROY___115KV_TB1 355778	19.87 0.72 -1.19	22.31 0.52 -9.70	22.20 0.46 -11.04	23.40 0.43 -12.98	27.33 0.07 -25.80	27.12 0.51 -15.08	76.95 -0.33 -84.74	43.86 0.89 -24.16	36.76 0.72 -20.32	21.69 0.88 0.00	22.86 0.96 -0.18	20.83 0.81 -1.10	20.99 0.80 0.00	18.99 0.71 0.00	15.89 0.60 0.00	18.67 0.64 0.00	21.97 0.83 0.00	31.50 1.22 -0.27	39.05 1.47 -3.68	31.12 1.10 0.00	25.84 0.99 0.00	22.80 0.87 -0.77	23.36 0.85 -1.84	20.71 0.77 -1.16
NARROWS_GT1_1 24228	20.32 1.41 -0.96	20.76 0.92 -7.74	20.24 0.82 -8.72	21.02 0.79 -10.25	21.96 0.12 -20.37	24.38 0.94 -11.90	58.88 -0.58 -66.91	39.48 1.58 -19.09	33.13 1.36 -16.05	22.49 1.69 0.00	23.79 1.94 -0.14	21.58 1.79 -0.87	22.00 1.81 0.00	19.97 1.69 0.00	16.67 1.38 0.00	19.50 1.47 0.00	22.84 1.71 0.00	32.60 2.38 -0.22	39.56 2.72 -2.93	32.57 2.55 0.00	26.94 2.09 0.00	23.53 1.76 -0.61	23.85 1.72 -1.46	21.24 1.53 -0.92
NARROWS_GT1_2 24229	20.32 1.41 -0.96	20.76 0.92 -7.74	20.24 0.82 -8.72	21.02 0.79 -10.25	21.96 0.12 -20.37	24.38 0.94 -11.90	58.88 -0.58 -66.91	39.48 1.58 -19.09	33.13 1.36 -16.05	22.49 1.69 0.00	23.79 1.94 -0.14	21.58 1.79 -0.87	22.00 1.81 0.00	19.97 1.69 0.00	16.67 1.38 0.00	19.50 1.47 0.00	22.84 1.71 0.00	32.60 2.38 -0.22	39.56 2.72 -2.93	32.57 2.55 0.00	26.94 2.09 0.00	23.53 1.76 -0.61	23.85 1.72 -1.46	21.24 1.53 -0.92
NARROWS_GT1_3 24230	20.32 1.41 -0.96	20.76 0.92 -7.74	20.24 0.82 -8.72	21.02 0.79 -10.25	21.96 0.12 -20.37	24.38 0.94 -11.90	58.88 -0.58 -66.91	39.48 1.58 -19.09	33.13 1.36 -16.05	22.49 1.69 0.00	23.79 1.94 -0.14	21.58 1.79 -0.87	22.00 1.81 0.00	19.97 1.69 0.00	16.67 1.38 0.00	19.50 1.47 0.00	22.84 1.71 0.00	32.60 2.38 -0.22	39.56 2.72 -2.93	32.57 2.55 0.00	26.94 2.09 0.00	23.53 1.76 -0.61	23.85 1.72 -1.46	21.24 1.53 -0.92
NARROWS_GT1_4 24231	20.32 1.41 -0.96	20.76 0.92 -7.74	20.24 0.82 -8.72	21.02 0.79 -10.25	21.96 0.12 -20.37	24.38 0.94 -11.90	58.88 -0.58 -66.91	39.48 1.58 -19.09	33.13 1.36 -16.05	22.49 1.69 0.00	23.79 1.94 -0.14	21.58 1.79 -0.87	22.00 1.81 0.00	19.97 1.69 0.00	16.67 1.38 0.00	19.50 1.47 0.00	22.84 1.71 0.00	32.60 2.38 -0.22	39.56 2.72 -2.93	32.57 2.55 0.00	26.94 2.09 0.00	23.53 1.76 -0.61	23.85 1.72 -1.46	21.24 1.53 -0.92
NARROWS_GT1_5 24232	20.32 1.41 -0.96	20.76 0.92 -7.74	20.24 0.82 -8.72	21.02 0.79 -10.25	21.96 0.12 -20.37	24.38 0.94 -11.90	58.88 -0.58 -66.91	39.48 1.58 -19.09	33.13 1.36 -16.05	22.49 1.69 0.00	23.79 1.94 -0.14	21.58 1.79 -0.87	22.00 1.81 0.00	19.97 1.69 0.00	16.67 1.38 0.00	19.50 1.47 0.00	22.84 1.71 0.00	32.60 2.38 -0.22	39.56 2.72 -2.93	32.57 2.55 0.00	26.94 2.09 0.00	23.53 1.76 -0.61	23.85 1.72 -1.46	21.24 1.53 -0.92
NARROWS_GT1_6 24233	20.32 1.41 -0.96	20.76 0.92 -7.74	20.24 0.82 -8.72	21.02 0.79 -10.25	21.96 0.12 -20.37	24.38 0.94 -11.90	58.88 -0.58 -66.91	39.48 1.58 -19.09	33.13 1.36 -16.05	22.49 1.69 0.00	23.79 1.94 -0.14	21.58 1.79 -0.87	22.00 1.81 0.00	19.97 1.69 0.00	16.67 1.38 0.00	19.50 1.47 0.00	22.84 1.71 0.00	32.60 2.38 -0.22	39.56 2.72 -2.93	32.57 2.55 0.00	26.94 2.09 0.00	23.53 1.76 -0.61	23.85 1.72 -1.46	21.24 1.53 -0.92
NARROWS_GT1_7 24234	20.32 1.41 -0.96	20.76 0.92 -7.74	20.24 0.82 -8.72	21.02 0.79 -10.25	21.96 0.12 -20.37	24.38 0.94 -11.90	58.88 -0.58 -66.91	39.48 1.58 -19.09	33.13 1.36 -16.05	22.49 1.69 0.00	23.79 1.94 -0.14	21.58 1.79 -0.87	22.00 1.81 0.00	19.97 1.69 0.00	16.67 1.38 0.00	19.50 1.47 0.00	22.84 1.71 0.00	32.60 2.38 -0.22	39.56 2.72 -2.93	32.57 2.55 0.00	26.94 2.09 0.00	23.53 1.76 -0.61	23.85 1.72 -1.46	21.24 1.53 -0.92
NARROWS_GT1_8 24235	20.32 1.41 -0.96	20.76 0.92 -7.74	20.24 0.82 -8.72	21.02 0.79 -10.25	21.96 0.12 -20.37	24.38 0.94 -11.90	58.88 -0.58 -66.91	39.48 1.58 -19.09	33.13 1.36 -16.05	22.49 1.69 0.00	23.79 1.94 -0.14	21.58 1.79 -0.87	22.00 1.81 0.00	19.97 1.69 0.00	16.67 1.38 0.00	19.50 1.47 0.00	22.84 1.71 0.00	32.60 2.38 -0.22	39.56 2.72 -2.93	32.57 2.55 0.00	26.94 2.09 0.00	23.53 1.76 -0.61	23.85 1.72 -1.46	21.24 1.53 -0.92
NARROWS_GT2_1 24236	20.32 1.41 -0.96	20.76 0.92 -7.74	20.24 0.82 -8.72	21.02 0.79 -10.25	21.96 0.12 -20.37	24.38 0.94 -11.90	58.88 -0.58 -66.91	39.48 1.58 -19.09	33.13 1.36 -16.05	22.49 1.69 0.00	23.79 1.94 -0.14	21.58 1.79 -0.87	22.00 1.81 0.00	19.97 1.69 0.00	16.67 1.38 0.00	19.50 1.47 0.00	22.84 1.71 0.00	32.60 2.38 -0.22	39.56 2.72 -2.93	32.57 2.55 0.00	26.94 2.09 0.00	23.53 1.76 -0.61	23.85 1.72 -1.46	21.24 1.53 -0.92

NARROWS_GT2_2 24237	20.32 1.41 -0.96	20.76 0.92 -7.74	20.24 0.82 -8.72	21.02 0.79 -10.25	21.96 0.12 -20.37	24.38 0.94 -11.90	58.88 -0.58 -66.91	39.48 1.58 -19.09	33.13 1.36 -16.05	22.49 1.69 0.00	23.79 1.94 -0.14	21.58 1.79 -0.87	22.00 1.81 0.00	19.97 1.69 0.00	16.67 1.38 0.00	19.50 1.47 0.00	22.84 1.71 0.00	32.60 2.38 -0.22	39.56 2.72 -2.93	32.57 2.55 0.00	26.94 2.09 0.00	23.53 1.76 -0.61	23.85 1.72 -1.46	21.24 1.53 -0.92
NARROWS_GT2_3 24238	20.32 1.41 -0.96	20.76 0.92 -7.74	20.24 0.82 -8.72	21.02 0.79 -10.25	21.96 0.12 -20.37	24.38 0.94 -11.90	58.88 -0.58 -66.91	39.48 1.58 -19.09	33.13 1.36 -16.05	22.49 1.69 0.00	23.79 1.94 -0.14	21.58 1.79 -0.87	22.00 1.81 0.00	19.97 1.69 0.00	16.67 1.38 0.00	19.50 1.47 0.00	22.84 1.71 0.00	32.60 2.38 -0.22	39.56 2.72 -2.93	32.57 2.55 0.00	26.94 2.09 0.00	23.53 1.76 -0.61	23.85 1.72 -1.46	21.24 1.53 -0.92
NARROWS_GT2_4 24239	20.32 1.41 -0.96	20.76 0.92 -7.74	20.24 0.82 -8.72	21.02 0.79 -10.25	21.96 0.12 -20.37	24.38 0.94 -11.90	58.88 -0.58 -66.91	39.48 1.58 -19.09	33.13 1.36 -16.05	22.49 1.69 0.00	23.79 1.94 -0.14	21.58 1.79 -0.87	22.00 1.81 0.00	19.97 1.69 0.00	16.67 1.38 0.00	19.50 1.47 0.00	22.84 1.71 0.00	32.60 2.38 -0.22	39.56 2.72 -2.93	32.57 2.55 0.00	26.94 2.09 0.00	23.53 1.76 -0.61	23.85 1.72 -1.46	21.24 1.53 -0.92
NARROWS_GT2_5 24240	20.32 1.41 -0.96	20.76 0.92 -7.74	20.24 0.82 -8.72	21.02 0.79 -10.25	21.96 0.12 -20.37	24.38 0.94 -11.90	58.88 -0.58 -66.91	39.48 1.58 -19.09	33.13 1.36 -16.05	22.49 1.69 0.00	23.79 1.94 -0.14	21.58 1.79 -0.87	22.00 1.81 0.00	19.97 1.69 0.00	16.67 1.38 0.00	19.50 1.47 0.00	22.84 1.71 0.00	32.60 2.38 -0.22	39.56 2.72 -2.93	32.57 2.55 0.00	26.94 2.09 0.00	23.53 1.76 -0.61	23.85 1.72 -1.46	21.24 1.53 -0.92
NARROWS_GT2_6 24241	20.32 1.41 -0.96	20.76 0.92 -7.74	20.24 0.82 -8.72	21.02 0.79 -10.25	21.96 0.12 -20.37	24.38 0.94 -11.90	58.88 -0.58 -66.91	39.48 1.58 -19.09	33.13 1.36 -16.05	22.49 1.69 0.00	23.79 1.94 -0.14	21.58 1.79 -0.87	22.00 1.81 0.00	19.97 1.69 0.00	16.67 1.38 0.00	19.50 1.47 0.00	22.84 1.71 0.00	32.60 2.38 -0.22	39.56 2.72 -2.93	32.57 2.55 0.00	26.94 2.09 0.00	23.53 1.76 -0.61	23.85 1.72 -1.46	21.24 1.53 -0.92
NARROWS_GT2_7 24242	20.32 1.41 -0.96	20.76 0.92 -7.74	20.24 0.82 -8.72	21.02 0.79 -10.25	21.96 0.12 -20.37	24.38 0.94 -11.90	58.88 -0.58 -66.91	39.48 1.58 -19.09	33.13 1.36 -16.05	22.49 1.69 0.00	23.79 1.94 -0.14	21.58 1.79 -0.87	22.00 1.81 0.00	19.97 1.69 0.00	16.67 1.38 0.00	19.50 1.47 0.00	22.84 1.71 0.00	32.60 2.38 -0.22	39.56 2.72 -2.93	32.57 2.55 0.00	26.94 2.09 0.00	23.53 1.76 -0.61	23.85 1.72 -1.46	21.24 1.53 -0.92
NARROWS_GT2_8 24243	20.32 1.41 -0.96	20.76 0.92 -7.74	20.24 0.82 -8.72	21.02 0.79 -10.25	21.96 0.12 -20.37	24.38 0.94 -11.90	58.88 -0.58 -66.91	39.48 1.58 -19.09	33.13 1.36 -16.05	22.49 1.69 0.00	23.79 1.94 -0.14	21.58 1.79 -0.87	22.00 1.81 0.00	19.97 1.69 0.00	16.67 1.38 0.00	19.50 1.47 0.00	22.84 1.71 0.00	32.60 2.38 -0.22	39.56 2.72 -2.93	32.57 2.55 0.00	26.94 2.09 0.00	23.53 1.76 -0.61	23.85 1.72 -1.46	21.24 1.53 -0.92
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	19.95 0.89 -1.11	21.69 0.61 -8.98	21.47 0.53 -10.23	22.51 0.49 -12.03	25.46 0.08 -23.91	26.12 0.60 -13.97	70.66 -0.41 -78.53	42.34 1.14 -22.40	35.48 0.92 -18.84	21.98 1.17 0.00	22.88 1.00 -0.16	20.69 0.75 -1.02	20.95 0.75 0.00	18.97 0.69 0.00	15.92 0.64 0.00	18.78 0.76 0.00	22.15 1.02 0.00	31.82 1.57 -0.25	39.30 1.97 -3.44	31.60 1.58 0.00	26.21 1.37 0.00	23.02 1.15 -0.72	23.44 1.05 -1.71	20.84 0.97 -1.08
NCHELSEA_115KV_TR2 355582	20.18 1.28 -0.94	20.62 0.85 -7.67	20.21 0.76 -8.75	20.99 0.71 -10.29	22.02 0.10 -20.45	24.35 0.86 -11.95	59.13 -0.59 -67.17	39.51 1.54 -19.16	33.12 1.28 -16.12	22.38 1.58 0.00	23.59 1.73 -0.14	21.32 1.53 -0.87	21.74 1.54 0.00	19.68 1.40 0.00	16.44 1.16 0.00	19.31 1.28 0.00	22.68 1.55 0.00	32.51 2.29 -0.22	39.50 2.66 -2.94	32.32 2.30 0.00	26.72 1.88 0.00	23.34 1.57 -0.62	23.68 1.54 -1.47	21.07 1.36 -0.92
NEG CAPITAL___MECHNVIL 23645	20.04 0.88 -1.21	22.53 0.61 -9.82	22.45 0.56 -11.18	23.66 0.53 -13.15	27.68 0.08 -26.13	27.47 0.67 -15.27	77.90 -0.46 -85.80	44.48 1.20 -24.47	37.25 0.95 -20.58	21.98 1.18 0.00	23.11 1.22 -0.18	21.06 1.03 -1.11	21.22 1.02 0.00	19.17 0.90 0.00	16.04 0.75 0.00	18.87 0.84 0.00	22.24 1.10 0.00	31.89 1.62 -0.27	39.57 1.94 -3.73	31.51 1.49 0.00	26.16 1.31 0.00	23.06 1.12 -0.78	23.62 1.08 -1.86	20.93 0.97 -1.17
NEG CENTRAL_HIGH_ACRES 23767	17.55 -0.63 -0.22	13.51 -0.39 -1.80	12.40 -0.36 -2.06	12.06 -0.34 -2.42	6.23 -0.05 -4.81	13.96 -0.39 -2.81	8.64 0.30 -15.79	22.69 -0.62 -4.51	18.99 -0.52 -3.79	20.13 -0.68 0.00	21.02 -0.72 -0.03	18.39 -0.73 -0.20	19.45 -0.75 0.00	17.55 -0.73 0.00	14.62 -0.67 0.00	17.20 -0.83 0.00	20.25 -0.89 0.00	28.86 -1.19 -0.05	33.33 -1.24 -0.67	28.91 -1.11 0.00	23.88 -0.97 0.00	20.36 -0.94 -0.14	20.09 -0.92 -0.33	18.07 -0.92 -0.21
NEG CENTRAL___DRP 24199	18.23 0.04 -0.23	14.01 0.01 -1.90	12.87 -0.01 -2.18	12.55 0.00 -2.56	6.56 0.01 -5.09	14.55 0.04 -2.98	9.28 0.00 -16.72	23.70 0.13 -4.77	19.83 0.09 -4.01	20.86 0.06 0.00	21.77 0.02 -0.04	19.10 -0.04 -0.21	20.16 -0.03 0.00	18.21 -0.07 0.00	15.18 -0.10 0.00	17.83 -0.20 0.00	20.93 -0.20 0.00	29.84 -0.21 -0.05	34.39 -0.21 -0.69	29.89 -0.13 0.00	24.69 -0.16 0.00	21.07 -0.23 -0.14	20.80 -0.22 -0.34	18.76 -0.24 -0.22
NEG CENTRAL___INDECK 23768	18.29 0.07 -0.27	14.31 0.03 -2.19	13.19 -0.02 -2.50	12.91 -0.02 -2.94	7.34 0.00 -5.87	14.93 -0.05 -3.43	11.94 0.09 -19.30	24.29 -0.02 -5.51	20.30 -0.05 -4.63	20.53 -0.28 0.00	21.36 -0.39 -0.04	18.59 -0.58 -0.25	19.63 -0.56 0.00	17.70 -0.58 0.00	14.69 -0.60 0.00	17.23 -0.80 0.00	20.49 -0.65 0.00	29.60 -0.46 -0.06	34.47 -0.25 -0.82	29.86 -0.16 0.00	24.51 -0.33 0.00	20.87 -0.46 -0.17	20.67 -0.41 -0.41	18.55 -0.49 -0.26
NEG CENTRAL___SENECA 23627	18.24 0.04 -0.25	14.10 0.01 -1.99	12.97 -0.02 -2.29	12.67 -0.01 -2.69	6.81 0.00 -5.34	14.67 0.01 -3.12	10.13 0.03 -17.55	23.92 0.10 -5.01	20.00 0.07 -4.21	20.79 -0.01 0.00	21.69 -0.06 -0.04	18.98 -0.16 -0.23	20.03 -0.16 0.00	18.08 -0.20 0.00	15.06 -0.23 0.00	17.71 -0.31 0.00	20.90 -0.24 0.00	29.85 -0.20 -0.05	34.37 -0.27 -0.74	29.91 -0.11 0.00	24.65 -0.20 0.00	21.01 -0.30 -0.15	20.79 -0.25 -0.37	18.72 -0.30 -0.23
NEG CENTRAL___STATE_STREET 24147	18.38 0.19 -0.23	14.11 0.13 -1.88	12.96 0.09 -2.16	12.61 0.09 -2.54	6.54 0.03 -5.04	14.70 0.22 -2.95	9.01 -0.10 -16.56	23.93 0.40 -4.72	19.99 0.30 -3.97	21.24 0.44 0.00	22.20 0.45 -0.04	19.45 0.32 -0.21	20.54 0.34 0.00	18.57 0.29 0.00	15.51 0.22 0.00	18.17 0.15 0.00	21.31 0.18 0.00	30.13 0.08 -0.05	34.95 0.37 -0.67	30.20 0.18 0.00	25.12 0.28 0.00	21.42 0.12 -0.14	21.09 0.08 -0.34	19.04 0.04 -0.21



NEG MILLWOOD___DRP 24198	20.30 1.38 -0.96	20.81 0.92 -7.79	20.35 0.80 -8.85	21.14 0.75 -10.40	22.25 0.11 -20.67	24.52 0.90 -12.08	59.82 -0.62 -67.88	39.79 1.62 -19.37	33.36 1.35 -16.29	22.48 1.67 0.00	23.71 1.85 -0.14	21.44 1.64 -0.88	21.86 1.67 0.00	19.79 1.51 0.00	16.53 1.24 0.00	19.40 1.38 0.00	22.78 1.64 0.00	32.64 2.42 -0.22	39.71 2.84 -2.97	32.47 2.45 0.00	26.85 2.00 0.00	23.46 1.67 -0.62	23.80 1.64 -1.48	21.16 1.44 -0.93
NEG NORTH_FLCN_SEA 23793	17.93 -0.03 0.00	12.06 -0.03 0.00	10.68 -0.02 0.00	9.99 0.01 0.00	1.47 0.00 0.00	11.46 -0.08 0.00	-7.50 -0.05 0.00	18.53 -0.27 0.00	15.49 -0.23 0.00	20.71 -0.09 0.00	21.39 -0.33 0.00	18.35 -0.58 0.00	19.73 -0.47 0.00	17.89 -0.39 0.00	14.94 -0.34 0.00	17.78 -0.24 0.00	20.85 -0.28 0.00	29.55 -0.45 0.00	33.40 -0.51 0.00	-15.57 -1.11 44.47	-20.67 -0.87 44.65	-20.54 -0.72 40.98	-20.70 -0.81 40.57	-20.78 -0.73 38.84
NEG NORTH_KES_CHATEGAY 23792	17.70 -0.26 0.00	11.91 -0.19 0.00	10.55 -0.16 0.00	9.85 -0.13 0.00	1.45 -0.02 0.00	11.35 -0.19 0.00	-7.44 0.01 0.00	18.39 -0.42 0.00	15.38 -0.34 0.00	20.55 -0.25 0.00	21.29 -0.43 0.00	18.27 -0.65 0.00	19.58 -0.62 0.00	17.73 -0.56 0.00	14.83 -0.46 0.00	17.63 -0.39 0.00	20.61 -0.52 0.00	29.20 -0.80 0.00	32.98 -0.92 0.00	-15.63 -1.33 44.31	-20.36 -1.05 44.16	-20.16 -0.89 40.43	-20.30 -0.96 40.01	-20.59 -0.84 38.53
NEG NORTH___ALICE_FALLS 23915	17.92 -0.04 0.00	12.05 -0.05 0.00	10.67 -0.03 0.00	9.98 -0.01 0.00	1.47 0.00 0.00	11.46 -0.08 0.00	-7.52 -0.07 0.00	18.57 -0.23 0.00	15.53 -0.19 0.00	20.75 -0.05 0.00	21.45 -0.27 0.00	18.38 -0.54 0.00	19.71 -0.49 0.00	17.87 -0.41 0.00	14.93 -0.36 0.00	17.78 -0.25 0.00	20.85 -0.29 0.00	29.56 -0.44 0.00	33.41 -0.49 0.00	-15.51 -1.08 44.45	-20.57 -0.85 44.58	-20.44 -0.70 40.90	-20.61 -0.80 40.48	-20.72 -0.72 38.79
NEG NORTH___LWR_SARANAC 23913	17.92 -0.04 0.00	12.05 -0.05 0.00	10.67 -0.03 0.00	9.98 -0.01 0.00	1.47 0.00 0.00	11.46 -0.08 0.00	-7.52 -0.07 0.00	18.57 -0.23 0.00	15.53 -0.19 0.00	20.75 -0.05 0.00	21.45 -0.27 0.00	18.38 -0.54 0.00	19.71 -0.49 0.00	17.87 -0.41 0.00	14.93 -0.36 0.00	17.78 -0.25 0.00	20.85 -0.29 0.00	29.56 -0.44 0.00	33.41 -0.49 0.00	-15.51 -1.08 44.45	-20.57 -0.85 44.58	-20.44 -0.70 40.90	-20.61 -0.80 40.48	-20.72 -0.72 38.79
NEG NORTH___PLATTSBURG 23628	17.92 -0.04 0.00	12.05 -0.05 0.00	10.67 -0.03 0.00	9.98 -0.01 0.00	1.47 0.00 0.00	11.46 -0.08 0.00	-7.50 -0.06 0.00	18.57 -0.23 0.00	15.53 -0.19 0.00	20.75 -0.05 0.00	21.45 -0.27 0.00	18.38 -0.54 0.00	19.71 -0.48 0.00	17.87 -0.41 0.00	14.93 -0.36 0.00	17.78 -0.25 0.00	20.85 -0.29 0.00	29.56 -0.44 0.00	33.41 -0.49 0.00	-15.51 -1.08 44.45	-20.57 -0.85 44.58	-20.44 -0.70 40.90	-20.61 -0.80 40.48	-20.73 -0.72 38.79
NEG WEST_LEA_LOCKPORT 23791	17.35 -0.86 -0.25	13.58 -0.53 -2.00	12.50 -0.50 -2.30	12.22 -0.47 -2.70	6.77 -0.06 -5.36	14.10 -0.57 -3.13	10.72 0.58 -17.59	22.68 -1.14 -5.02	18.99 -0.95 -4.22	19.75 -1.05 0.00	20.64 -1.11 -0.04	18.02 -1.13 -0.23	19.14 -1.06 0.00	17.24 -1.04 0.00	14.31 -0.98 0.00	16.67 -1.36 0.00	19.61 -1.53 0.00	27.96 -2.09 -0.06	32.54 -2.11 -0.75	28.16 -1.86 0.00	23.26 -1.59 0.00	19.79 -1.52 -0.16	19.59 -1.46 -0.37	17.61 -1.41 -0.24
NEG WEST___LANCASTR 23811	18.05 -0.18 -0.27	14.13 -0.14 -2.17	13.03 -0.16 -2.48	12.77 -0.14 -2.92	7.24 -0.01 -5.78	14.74 -0.17 -3.37	11.81 0.30 -18.95	23.86 -0.35 -5.41	19.94 -0.33 -4.55	20.55 -0.26 0.00	21.49 -0.26 -0.04	18.77 -0.40 -0.25	19.92 -0.27 0.00	17.95 -0.32 0.00	14.89 -0.40 0.00	17.39 -0.63 0.00	20.48 -0.66 0.00	29.24 -0.82 -0.06	33.89 -0.82 -0.81	29.37 -0.65 0.00	24.23 -0.61 0.00	20.60 -0.72 -0.17	20.42 -0.66 -0.40	18.38 -0.66 -0.25
NEG_PENN_ALLEGHNY 23528	18.68 0.32 -0.40	15.55 0.19 -3.26	14.59 0.16 -3.73	14.53 0.15 -4.39	10.22 0.03 -8.72	16.83 0.20 -5.10	21.09 -0.10 -28.65	27.38 0.40 -8.17	22.88 0.29 -6.87	21.12 0.31 0.00	22.15 0.38 -0.06	19.54 0.24 -0.37	20.44 0.24 0.00	18.47 0.19 0.00	15.39 0.10 0.00	18.08 0.06 0.00	21.25 0.12 0.00	30.35 0.26 -0.09	35.41 0.29 -1.22	30.31 0.29 0.00	25.03 0.18 0.00	21.50 0.09 -0.26	21.41 0.13 -0.61	19.25 0.08 -0.39
NEG___GEN_MONROE 24207	17.93 -0.25 -0.23	13.80 -0.13 -1.83	12.70 -0.10 -2.10	12.35 -0.10 -2.46	6.35 -0.01 -4.89	14.27 -0.12 -2.86	8.81 0.20 -16.06	23.11 -0.27 -4.58	19.33 -0.25 -3.85	20.51 -0.29 0.00	21.41 -0.34 -0.03	18.70 -0.43 -0.21	19.81 -0.39 0.00	17.87 -0.41 0.00	14.88 -0.41 0.00	17.49 -0.53 0.00	20.61 -0.53 0.00	29.33 -0.72 -0.05	34.05 -0.53 -0.68	29.47 -0.55 0.00	24.36 -0.49 0.00	20.75 -0.55 -0.14	20.43 -0.58 -0.34	18.38 -0.62 -0.21
NEPA___ENERGY 23901	17.96 -0.27 -0.27	14.11 -0.18 -2.20	13.03 -0.19 -2.51	12.78 -0.16 -2.95	7.32 -0.01 -5.86	14.79 -0.16 -3.42	12.01 0.26 -19.20	24.00 -0.28 -5.48	19.96 -0.37 -4.61	20.37 -0.43 0.00	21.45 -0.30 -0.04	18.76 -0.41 -0.25	19.88 -0.32 0.00	17.92 -0.36 0.00	14.85 -0.44 0.00	17.36 -0.66 0.00	20.42 -0.71 0.00	29.15 -0.91 -0.06	33.81 -0.91 -0.82	29.22 -0.80 0.00	24.12 -0.72 0.00	20.53 -0.80 -0.17	20.37 -0.71 -0.41	18.39 -0.65 -0.26
NEVERSINK___HYD 23608	19.95 1.17 -0.82	19.57 0.77 -6.70	19.09 0.70 -7.69	19.69 0.67 -9.04	19.52 0.09 -17.96	22.79 0.76 -10.50	50.98 -0.56 -58.99	37.04 1.40 -16.83	31.11 1.23 -14.15	22.17 1.37 0.00	23.29 1.45 -0.12	20.94 1.26 -0.76	21.44 1.25 0.00	19.44 1.16 0.00	16.19 0.91 0.00	19.04 1.01 0.00	22.41 1.28 0.00	32.35 2.16 -0.19	38.85 2.37 -2.58	32.22 2.20 0.00	26.49 1.64 0.00	23.06 1.36 -0.54	23.40 1.44 -1.29	20.85 1.25 -0.81
NEWKRMKL_115KV_TB1 55635	19.56 0.43 -1.18	22.02 0.33 -9.59	21.92 0.29 -10.93	23.09 0.26 -12.84	27.03 0.04 -25.53	26.74 0.28 -14.92	76.19 -0.19 -83.84	43.26 0.57 -23.89	36.27 0.46 -20.09	21.36 0.56 0.00	22.52 0.63 -0.18	20.54 0.53 -1.09	20.72 0.52 0.00	18.76 0.48 0.00	15.74 0.46 0.00	18.49 0.46 0.00	21.70 0.57 0.00	31.09 0.82 -0.27	38.53 0.97 -3.66	30.76 0.74 0.00	25.50 0.65 0.00	22.50 0.58 -0.77	23.05 0.55 -1.82	20.49 0.55 -1.15
NEWTON___FALLS_HYD 23847	17.67 -0.34 -0.06	12.23 -0.32 -0.45	10.94 -0.27 -0.51	10.41 -0.18 -0.60	2.62 -0.04 -1.20	11.94 -0.30 -0.70	-3.46 0.05 -3.94	19.56 -0.36 -1.12	16.38 -0.28 -0.94	20.43 -0.37 0.00	21.14 -0.58 -0.01	18.43 -0.55 -0.05	19.59 -0.61 0.00	17.62 -0.66 0.00	14.81 -0.48 0.00	17.54 -0.49 0.00	20.54 -0.60 0.00	29.27 -0.74 -0.01	33.24 -0.83 -0.17	9.91 -0.92 19.19	2.21 -0.72 21.91	-0.28 -0.63 20.81	-0.66 -0.72 20.61	0.10 -0.66 18.02
NGRID_A1_DSASP 323792	17.10 -1.11 -0.25	13.45 -0.67 -2.02	12.41 -0.61 -2.32	12.12 -0.58 -2.72	6.79 -0.08 -5.40	13.97 -0.72 -3.15	11.02 0.75 -17.72	22.33 -1.54 -5.06	18.68 -1.30 -4.25	19.34 -1.46 0.00	20.22 -1.53 -0.04	17.68 -1.47 -0.23	18.78 -1.41 0.00	16.92 -1.36 0.00	14.04 -1.24 0.00	16.33 -1.70 0.00	19.18 -1.96 0.00	27.31 -2.75 -0.06	31.83 -2.83 -0.75	27.51 -2.51 0.00	22.77 -2.08 0.00	19.39 -1.93 -0.16	19.25 -1.80 -0.38	17.29 -1.74 -0.24

NGRID_A2_DSASP 323793	17.10 -1.11 -0.25	13.45 -0.67 -2.02	12.41 -0.61 -2.32	12.12 -0.58 -2.72	6.79 -0.08 -5.40	13.97 -0.72 -3.15	11.02 0.75 -17.72	22.33 -1.54 -5.06	18.68 -1.30 -4.25	19.34 -1.46 0.00	20.22 -1.53 -0.04	17.68 -1.47 -0.23	18.78 -1.41 0.00	16.92 -1.36 0.00	14.04 -1.24 0.00	16.33 -1.70 0.00	19.18 -1.96 0.00	27.31 -2.75 -0.06	31.83 -2.83 -0.75	27.51 -2.51 0.00	22.77 -2.08 0.00	19.39 -1.93 -0.16	19.25 -1.80 -0.38	17.29 -1.74 -0.24
NGRID_A4_DSASP 323807	17.10 -1.11 -0.25	13.45 -0.67 -2.02	12.41 -0.61 -2.32	12.12 -0.58 -2.72	6.79 -0.08 -5.40	13.97 -0.72 -3.15	11.02 0.75 -17.72	22.33 -1.54 -5.06	18.68 -1.30 -4.25	19.34 -1.46 0.00	20.22 -1.53 -0.04	17.68 -1.47 -0.23	18.78 -1.41 0.00	16.92 -1.36 0.00	14.04 -1.24 0.00	16.33 -1.70 0.00	19.18 -1.96 0.00	27.31 -2.75 -0.06	31.83 -2.83 -0.75	27.51 -2.51 0.00	22.77 -2.08 0.00	19.39 -1.93 -0.16	19.25 -1.80 -0.38	17.29 -1.74 -0.24
NIAGARA_115E_LBMP 323715	17.06 -1.15 -0.25	13.40 -0.72 -2.03	12.37 -0.65 -2.32	12.10 -0.61 -2.73	6.80 -0.08 -5.41	13.94 -0.76 -3.16	11.01 0.71 -17.75	22.37 -1.50 -5.06	18.74 -1.24 -4.26	19.41 -1.40 0.00	20.28 -1.47 -0.04	17.72 -1.43 -0.23	18.82 -1.38 0.00	16.95 -1.33 0.00	14.07 -1.21 0.00	16.37 -1.66 0.00	19.24 -1.90 0.00	27.41 -2.65 -0.06	31.93 -2.73 -0.75	27.61 -2.41 0.00	22.82 -2.03 0.00	19.43 -1.88 -0.16	19.31 -1.74 -0.38	17.33 -1.69 -0.24
NIAGARA_115W_LBMP 323714	17.07 -1.14 -0.25	13.42 -0.70 -2.02	12.39 -0.63 -2.31	12.10 -0.60 -2.72	6.78 -0.08 -5.40	13.94 -0.75 -3.15	11.04 0.77 -17.71	22.28 -1.58 -5.06	18.63 -1.34 -4.25	19.29 -1.51 0.00	20.17 -1.58 -0.04	17.64 -1.51 -0.23	18.73 -1.46 0.00	16.88 -1.40 0.00	14.01 -1.28 0.00	16.29 -1.74 0.00	19.13 -2.01 0.00	27.23 -2.82 -0.06	31.74 -2.92 -0.75	27.43 -2.59 0.00	22.70 -2.15 0.00	19.34 -1.98 -0.16	19.20 -1.85 -0.38	17.24 -1.78 -0.24
NIAGARA_230_LBMP 323716	17.22 -0.99 -0.25	13.51 -0.60 -2.01	12.46 -0.55 -2.30	12.17 -0.52 -2.70	6.76 -0.07 -5.36	14.02 -0.65 -3.13	10.77 0.62 -17.60	22.50 -1.32 -5.02	18.85 -1.09 -4.22	19.57 -1.23 0.00	20.47 -1.28 -0.04	17.90 -1.25 -0.23	19.01 -1.18 0.00	17.13 -1.15 0.00	14.21 -1.08 0.00	16.55 -1.48 0.00	19.44 -1.69 0.00	27.72 -2.33 -0.06	32.26 -2.39 -0.75	27.92 -2.10 0.00	23.08 -1.77 0.00	19.65 -1.67 -0.16	19.49 -1.56 -0.37	17.51 -1.51 -0.24
NIAGARA__115KV_198_GIBSON 55903	17.06 -1.15 -0.25	13.41 -0.70 -2.02	12.37 -0.65 -2.31	12.09 -0.62 -2.72	6.79 -0.08 -5.40	13.94 -0.75 -3.15	11.04 0.78 -17.71	22.28 -1.58 -5.06	18.63 -1.34 -4.25	19.28 -1.52 0.00	20.17 -1.59 -0.04	17.64 -1.51 -0.23	18.74 -1.46 0.00	16.88 -1.40 0.00	14.01 -1.28 0.00	16.28 -1.74 0.00	19.14 -2.00 0.00	27.23 -2.83 -0.06	31.73 -2.93 -0.75	27.43 -2.59 0.00	22.69 -2.15 0.00	19.33 -1.98 -0.16	19.15 -1.90 -0.38	17.23 -1.79 -0.24
NIAGARA____ 23760	17.22 -0.99 -0.25	13.52 -0.60 -2.02	12.47 -0.55 -2.32	12.18 -0.52 -2.72	6.81 -0.07 -5.41	14.04 -0.65 -3.16	10.89 0.62 -17.71	22.53 -1.32 -5.05	18.87 -1.09 -4.24	19.57 -1.23 0.00	20.47 -1.28 -0.04	17.90 -1.25 -0.23	19.01 -1.18 0.00	17.13 -1.15 0.00	14.21 -1.08 0.00	16.55 -1.48 0.00	19.44 -1.69 0.00	27.72 -2.33 -0.06	32.26 -2.39 -0.75	27.92 -2.10 0.00	23.08 -1.77 0.00	19.65 -1.67 -0.16	19.49 -1.56 -0.37	17.51 -1.51 -0.24
NINE_MILE_1 23575	17.63 -0.47 -0.14	12.92 -0.32 -1.14	11.73 -0.28 -1.31	11.26 -0.27 -1.54	4.49 -0.04 -3.06	13.01 -0.31 -1.79	2.81 0.22 -10.04	21.16 -0.51 -2.87	17.71 -0.42 -2.41	20.24 -0.57 0.00	21.13 -0.61 -0.02	18.49 -0.56 -0.13	19.59 -0.61 0.00	17.71 -0.56 0.00	14.80 -0.49 0.00	17.45 -0.58 0.00	20.51 -0.62 0.00	29.17 -0.87 -0.03	33.40 -0.96 -0.46	29.17 -0.85 0.00	24.13 -0.71 0.00	20.66 -0.60 -0.10	20.33 -0.58 -0.23	18.37 -0.55 -0.14
NINE_MILE_2 23744	17.63 -0.47 -0.14	12.92 -0.32 -1.14	11.72 -0.28 -1.30	11.25 -0.26 -1.53	4.47 -0.04 -3.05	13.00 -0.31 -1.78	2.76 0.21 -10.00	21.14 -0.51 -2.85	17.70 -0.42 -2.40	20.24 -0.57 0.00	21.13 -0.61 -0.02	18.49 -0.56 -0.13	19.59 -0.61 0.00	17.72 -0.56 0.00	14.80 -0.49 0.00	17.45 -0.58 0.00	20.51 -0.62 0.00	29.17 -0.87 -0.03	33.40 -0.96 -0.45	29.18 -0.85 0.00	24.13 -0.71 0.00	20.66 -0.60 -0.10	20.32 -0.58 -0.23	18.38 -0.55 -0.14
NM_CAPITAL__DRP 24208	19.61 0.47 -1.18	22.02 0.36 -9.57	21.91 0.32 -10.89	23.08 0.29 -12.80	26.96 0.04 -25.45	26.73 0.32 -14.87	75.91 -0.21 -83.58	43.24 0.62 -23.82	36.24 0.49 -20.03	21.41 0.61 0.00	22.58 0.69 -0.18	20.58 0.58 -1.08	20.77 0.57 0.00	18.81 0.53 0.00	15.77 0.48 0.00	18.52 0.49 0.00	21.74 0.60 0.00	31.12 0.86 -0.27	38.58 1.03 -3.65	30.80 0.78 0.00	25.54 0.70 0.00	22.55 0.63 -0.76	23.09 0.60 -1.82	20.52 0.59 -1.15
NM_CENTRAL__DRP 24181	18.07 -0.07 -0.19	13.56 -0.05 -1.51	12.38 -0.06 -1.73	11.97 -0.05 -2.04	5.51 -0.01 -4.05	13.85 -0.05 -2.37	5.89 0.04 -13.30	22.55 -0.05 -3.80	18.89 -0.02 -3.19	20.73 -0.08 0.00	21.65 -0.10 -0.03	18.99 -0.11 -0.17	20.06 -0.13 0.00	18.14 -0.14 0.00	15.13 -0.16 0.00	17.79 -0.23 0.00	20.92 -0.21 0.00	29.78 -0.26 -0.04	34.18 -0.28 -0.55	29.78 -0.24 0.00	24.61 -0.23 0.00	21.06 -0.21 -0.12	20.74 -0.21 -0.28	18.73 -0.23 -0.17
NM_FRONTIER__DRP 24179	17.06 -1.15 -0.25	13.41 -0.70 -2.02	12.37 -0.65 -2.31	12.09 -0.62 -2.72	6.79 -0.08 -5.40	13.94 -0.75 -3.15	11.04 0.78 -17.71	22.28 -1.58 -5.06	18.63 -1.34 -4.25	19.28 -1.52 0.00	20.17 -1.59 -0.04	17.64 -1.51 -0.23	18.74 -1.46 0.00	16.88 -1.40 0.00	14.01 -1.28 0.00	16.28 -1.74 0.00	19.14 -2.00 0.00	27.23 -2.83 -0.06	31.73 -2.93 -0.75	27.43 -2.59 0.00	22.69 -2.15 0.00	19.33 -1.98 -0.16	19.15 -1.90 -0.38	17.23 -1.79 -0.24
NM_ST_REGIS__HYD 24053	17.77 -0.22 -0.03	12.14 -0.18 -0.22	10.81 -0.16 -0.26	10.16 -0.13 -0.30	2.04 -0.03 -0.60	11.69 -0.20 -0.35	-5.47 0.02 -1.96	19.04 -0.32 -0.56	15.96 -0.23 -0.47	20.55 -0.25 0.00	21.31 -0.41 0.00	18.51 -0.44 -0.03	19.79 -0.41 0.00	17.87 -0.41 0.00	15.01 -0.28 0.00	17.81 -0.22 0.00	20.76 -0.37 0.00	29.56 -0.44 -0.01	33.42 -0.57 -0.08	0.04 -0.71 29.27	-9.64 -0.55 33.93	-11.73 -0.50 32.39	-12.03 -0.56 32.15	-9.48 -0.46 27.81
NORTHPORT__1 23551	20.50 1.59 -0.95	20.93 1.09 -7.74	20.38 0.96 -8.72	21.14 0.91 -10.24	21.95 0.12 -20.36	24.37 0.94 -11.90	58.84 -0.59 -66.88	39.46 1.57 -19.08	33.20 1.43 -16.05	22.46 1.66 0.00	23.81 1.95 -0.14	21.66 1.87 -0.87	22.10 1.91 0.00	19.96 1.68 0.00	16.65 1.37 0.00	19.37 1.35 0.00	22.75 1.62 0.00	32.69 2.47 -0.22	39.69 2.86 -2.93	32.60 2.57 0.00	26.84 1.99 0.00	23.39 1.62 -0.61	23.75 1.61 -1.46	21.27 1.56 -0.92
NORTHPORT__2 23552	20.50 1.59 -0.95	20.93 1.09 -7.74	20.38 0.96 -8.72	21.14 0.91 -10.24	21.95 0.12 -20.36	24.37 0.94 -11.90	58.84 -0.59 -66.88	39.46 1.57 -19.08	33.20 1.43 -16.05	22.46 1.66 0.00	23.81 1.95 -0.14	21.66 1.87 -0.87	22.10 1.91 0.00	19.96 1.68 0.00	16.65 1.37 0.00	19.37 1.35 0.00	22.75 1.62 0.00	32.69 2.47 -0.22	39.69 2.86 -2.93	32.60 2.57 0.00	26.84 1.99 0.00	23.39 1.62 -0.61	23.75 1.61 -1.46	21.27 1.56 -0.92

NORTHPORT___3 23553	20.31 1.40 -0.95	20.80 0.96 -7.74	20.26 0.84 -8.72	21.03 0.79 -10.24	21.94 0.11 -20.36	24.30 0.86 -11.90	58.88 -0.55 -66.88	39.35 1.47 -19.08	33.08 1.31 -16.05	22.35 1.55 0.00	23.67 1.81 -0.14	21.50 1.71 -0.87	21.95 1.76 0.00	19.84 1.56 0.00	16.57 1.28 0.00	19.33 1.30 0.00	22.67 1.54 0.00	32.57 2.35 -0.22	39.58 2.75 -2.93	32.45 2.43 0.00	26.77 1.92 0.00	23.34 1.57 -0.61	23.66 1.52 -1.46	21.15 1.45 -0.92
NORTHPORT___4 23650	20.31 1.40 -0.95	20.80 0.96 -7.74	20.26 0.84 -8.72	21.03 0.79 -10.24	21.94 0.11 -20.36	24.30 0.86 -11.90	58.88 -0.55 -66.88	39.35 1.47 -19.08	33.08 1.31 -16.05	22.35 1.55 0.00	23.67 1.81 -0.14	21.50 1.71 -0.87	21.95 1.76 0.00	19.84 1.56 0.00	16.57 1.28 0.00	19.33 1.30 0.00	22.67 1.54 0.00	32.57 2.35 -0.22	39.58 2.75 -2.93	32.45 2.43 0.00	26.77 1.92 0.00	23.34 1.57 -0.61	23.66 1.52 -1.46	21.15 1.45 -0.92
NORTHPORT___IC 23718	20.50 1.59 -0.95	20.93 1.09 -7.74	20.38 0.96 -8.72	21.14 0.91 -10.24	21.95 0.12 -20.36	24.37 0.94 -11.90	58.84 -0.59 -66.88	39.46 1.57 -19.08	33.20 1.43 -16.05	22.46 1.66 0.00	23.81 1.95 -0.14	21.66 1.87 -0.87	22.10 1.91 0.00	19.96 1.68 0.00	16.65 1.37 0.00	19.37 1.35 0.00	22.75 1.62 0.00	32.69 2.47 -0.22	39.69 2.86 -2.93	32.60 2.57 0.00	26.84 1.99 0.00	23.39 1.62 -0.61	23.75 1.61 -1.46	21.27 1.56 -0.92
NORTH___COUNTRY_ESR 323785	17.63 -0.33 0.00	11.86 -0.23 0.00	10.51 -0.20 0.00	9.82 -0.17 0.00	1.45 -0.02 0.00	11.31 -0.23 0.00	-7.40 0.05 0.00	18.31 -0.49 0.00	15.32 -0.40 0.00	20.48 -0.33 0.00	21.21 -0.50 0.00	18.22 -0.70 0.00	19.52 -0.68 0.00	17.67 -0.61 0.00	14.78 -0.51 0.00	17.56 -0.46 0.00	20.53 -0.60 0.00	29.07 -0.93 0.00	32.84 -1.06 0.00	-15.76 -1.48 44.31	-20.46 -1.16 44.15	-20.24 -0.98 40.42	-20.38 -1.05 40.00	-20.66 -0.93 38.52
NPX_GEN_1385_PROXY 323591	20.33 1.42 -0.95	20.91 1.06 -7.74	20.42 1.00 -8.72	21.18 0.95 -10.24	21.93 0.10 -20.36	24.22 0.79 -11.90	58.92 -0.51 -66.88	43.39 1.38 -23.20	38.07 1.36 -20.98	21.83 1.03 0.00	23.26 1.22 -0.33	21.20 1.41 -0.87	21.71 1.52 0.00	19.55 1.28 0.00	16.26 0.98 0.00	18.78 0.76 0.00	22.38 1.24 0.00	32.38 2.16 -0.22	38.96 2.13 -2.93	34.06 2.35 -1.69	27.08 1.54 -0.70	22.78 1.01 -0.61	23.12 0.98 -1.46	20.78 1.07 -0.92
NPX_GEN_CSC 323557	20.61 1.70 -0.95	21.02 1.18 -7.74	20.45 1.03 -8.72	21.22 0.99 -10.24	21.95 0.12 -20.36	24.39 0.95 -11.90	58.69 -0.74 -66.88	43.81 1.80 -23.20	38.39 1.69 -20.98	22.57 1.77 0.00	24.01 1.97 -0.33	21.66 1.88 -0.87	22.16 1.96 0.00	20.04 1.76 0.00	16.71 1.43 0.00	19.44 1.41 0.00	22.83 1.69 0.00	33.22 3.01 -0.22	40.20 3.37 -2.93	34.82 3.10 -1.69	27.60 2.06 -0.70	23.46 1.69 -0.61	23.88 1.74 -1.46	21.43 1.72 -0.92
NSINS_S_GLNS_FALLS 23858	19.93 0.75 -1.22	22.53 0.55 -9.88	22.51 0.55 -11.25	23.74 0.52 -13.23	27.85 0.09 -26.29	27.61 0.71 -15.36	78.39 -0.51 -86.35	44.75 1.32 -24.63	37.43 0.99 -20.71	22.06 1.26 0.00	23.16 1.27 -0.18	21.09 1.05 -1.12	21.17 0.98 0.00	19.09 0.81 0.00	15.97 0.68 0.00	18.73 0.70 0.00	22.14 1.00 0.00	31.68 1.40 -0.28	39.44 1.78 -3.76	31.24 1.22 0.00	25.92 1.08 0.00	22.90 0.95 -0.79	23.55 1.01 -1.87	20.84 0.87 -1.18
NUCOR_STEEL___DRP 24197	18.37 0.19 -0.23	14.07 0.12 -1.85	12.91 0.09 -2.12	12.56 0.09 -2.49	6.43 0.02 -4.94	14.55 0.13 -2.89	8.72 -0.07 -16.24	23.69 0.26 -4.64	19.89 0.28 -3.90	21.11 0.31 0.00	22.07 0.32 -0.03	19.34 0.21 -0.21	20.43 0.24 0.00	18.49 0.21 0.00	15.44 0.15 0.00	18.07 0.04 0.00	21.17 0.04 0.00	30.10 0.04 -0.05	34.71 0.15 -0.66	30.18 0.16 0.00	24.96 0.11 0.00	21.27 -0.02 -0.14	21.04 0.04 -0.33	19.00 0.01 -0.21
NUMBER_THREE_WT_PWR 323818	17.78 -0.25 -0.07	12.38 -0.33 -0.61	11.15 -0.25 -0.70	10.72 -0.09 -0.82	3.05 -0.05 -1.63	12.18 -0.31 -0.95	-2.11 -0.01 -5.35	20.03 -0.30 -1.52	16.81 -0.19 -1.28	20.53 -0.27 0.00	21.19 -0.54 -0.01	18.46 -0.53 -0.07	19.49 -0.70 0.00	17.50 -0.78 0.00	14.69 -0.60 0.00	17.39 -0.64 0.00	20.45 -0.69 0.00	29.17 -0.85 -0.02	33.17 -0.96 -0.23	21.73 -1.01 7.28	15.64 -0.86 8.35	12.53 -0.72 7.90	12.08 -0.81 7.78	11.21 -0.77 6.80
NYISO_LBMP_REFERENCE 24008	17.96 0.00 0.00	12.10 0.00 0.00	10.70 0.00 0.00	9.98 0.00 0.00	1.47 0.00 0.00	11.54 0.00 0.00	-7.45 0.00 0.00	18.80 0.00 0.00	15.72 0.00 0.00	20.80 0.00 0.00	21.71 0.00 0.00	18.92 0.00 0.00	20.20 0.00 0.00	18.28 0.00 0.00	15.29 0.00 0.00	18.03 0.00 0.00	21.14 0.00 0.00	30.00 0.00 0.00	33.90 0.00 0.00	30.02 0.00 0.00	24.85 0.00 0.00	21.16 0.00 0.00	20.67 0.00 0.00	18.78 0.00 0.00
NYPA_BRENTWD___GT 24164	20.68 1.77 -0.95	21.04 1.20 -7.74	20.47 1.05 -8.72	21.22 0.99 -10.24	21.97 0.14 -20.36	24.51 1.08 -11.90	58.72 -0.71 -66.88	39.74 1.86 -19.08	33.43 1.66 -16.05	22.76 1.96 0.00	24.08 2.22 -0.14	21.87 2.08 -0.87	22.33 2.14 0.00	20.18 1.90 0.00	16.84 1.55 0.00	19.63 1.61 0.00	23.06 1.92 0.00	33.15 2.94 -0.22	40.30 3.47 -2.93	33.06 3.04 0.00	27.23 2.39 0.00	23.72 1.95 -0.61	24.04 1.90 -1.46	21.50 1.80 -0.92
NYPA_GOWANUS___GT5 24156	20.32 1.41 -0.96	20.76 0.92 -7.74	20.24 0.82 -8.72	21.02 0.79 -10.25	21.96 0.12 -20.37	24.38 0.94 -11.90	58.88 -0.58 -66.91	39.48 1.58 -19.09	33.13 1.36 -16.05	22.49 1.69 0.00	23.79 1.94 -0.14	21.58 1.79 -0.87	22.00 1.81 0.00	19.97 1.69 0.00	16.67 1.38 0.00	19.50 1.47 0.00	22.84 1.71 0.00	32.60 2.38 -0.22	39.55 2.71 -2.93	32.57 2.55 0.00	26.94 2.09 0.00	23.53 1.76 -0.61	23.85 1.72 -1.46	21.24 1.53 -0.92
NYPA_GOWANUS___GT6 24157	20.32 1.41 -0.96	20.76 0.92 -7.74	20.24 0.82 -8.72	21.02 0.79 -10.25	21.96 0.12 -20.37	24.38 0.94 -11.90	58.88 -0.58 -66.91	39.48 1.58 -19.09	33.13 1.36 -16.05	22.49 1.69 0.00	23.79 1.94 -0.14	21.58 1.79 -0.87	22.00 1.81 0.00	19.97 1.69 0.00	16.67 1.38 0.00	19.50 1.47 0.00	22.84 1.71 0.00	32.60 2.38 -0.22	39.55 2.71 -2.93	32.57 2.55 0.00	26.94 2.09 0.00	23.53 1.76 -0.61	23.85 1.72 -1.46	21.24 1.53 -0.92
NYPA_HARLEM__RVR__GT1 24160	20.26 1.35 -0.96	20.72 0.87 -7.74	20.19 0.77 -8.72	20.98 0.74 -10.25	21.95 0.11 -20.37	24.31 0.87 -11.90	58.92 -0.54 -66.91	39.36 1.47 -19.09	33.04 1.27 -16.05	22.38 1.57 0.00	23.66 1.81 -0.14	21.49 1.70 -0.87	21.90 1.70 0.00	19.87 1.59 0.00	16.59 1.30 0.00	19.41 1.39 0.00	22.72 1.59 0.00	32.39 2.17 -0.22	39.44 2.61 -2.93	32.29 2.27 0.00	26.74 1.90 0.00	23.40 1.63 -0.61	23.72 1.58 -1.46	21.15 1.44 -0.92
NYPA_HARLEM__RVR__GT2 24161	20.26 1.35 -0.96	20.72 0.87 -7.74	20.19 0.77 -8.72	20.98 0.74 -10.25	21.95 0.11 -20.37	24.31 0.87 -11.90	58.92 -0.54 -66.91	39.36 1.47 -19.09	33.04 1.27 -16.05	22.38 1.57 0.00	23.66 1.81 -0.14	21.49 1.70 -0.87	21.90 1.70 0.00	19.87 1.59 0.00	16.59 1.30 0.00	19.41 1.39 0.00	22.72 1.59 0.00	32.39 2.17 -0.22	39.44 2.61 -2.93	32.29 2.27 0.00	26.74 1.90 0.00	23.40 1.63 -0.61	23.72 1.58 -1.46	21.15 1.44 -0.92

NYPA_KENT____GT 24152	20.31 1.39 -0.96	20.76 0.91 -7.74	20.23 0.80 -8.72	21.00 0.76 -10.25	21.95 0.11 -20.37	24.34 0.90 -11.90	58.89 -0.57 -66.91	39.44 1.55 -19.09	33.10 1.33 -16.05	22.46 1.66 0.00	23.75 1.90 -0.14	21.54 1.75 -0.87	21.97 1.78 0.00	19.93 1.65 0.00	16.65 1.36 0.00	19.47 1.45 0.00	22.80 1.67 0.00	32.55 2.33 -0.22	39.52 2.68 -2.93	32.48 2.46 0.00	26.86 2.01 0.00	23.47 1.69 -0.61	23.79 1.66 -1.46	21.18 1.48 -0.92
NYPA_POUCH1____GT 24155	20.34 1.42 -0.96	20.78 0.93 -7.74	20.26 0.83 -8.72	21.04 0.80 -10.25	21.96 0.12 -20.37	24.40 0.95 -11.90	58.87 -0.59 -66.91	39.50 1.61 -19.09	33.16 1.38 -16.05	22.52 1.72 0.00	23.82 1.97 -0.14	21.60 1.81 -0.87	22.03 1.83 0.00	19.98 1.70 0.00	16.68 1.40 0.00	19.52 1.49 0.00	22.86 1.73 0.00	32.61 2.39 -0.22	39.55 2.72 -2.93	32.61 2.59 0.00	26.98 2.14 0.00	23.57 1.79 -0.61	23.88 1.74 -1.46	21.26 1.56 -0.92
NYPA_VERNON____GT2 24162	20.29 1.38 -0.96	20.75 0.90 -7.74	20.21 0.79 -8.72	20.97 0.73 -10.25	21.95 0.11 -20.37	24.31 0.87 -11.90	58.90 -0.56 -66.91	39.40 1.51 -19.09	33.08 1.30 -16.05	22.43 1.63 0.00	23.71 1.86 -0.14	21.51 1.72 -0.87	21.93 1.74 0.00	19.90 1.62 0.00	16.63 1.34 0.00	19.45 1.42 0.00	22.76 1.63 0.00	32.51 2.29 -0.22	39.48 2.64 -2.93	32.39 2.37 0.00	26.78 1.94 0.00	23.40 1.63 -0.61	23.73 1.59 -1.46	21.13 1.42 -0.92
NYPA_VERNON____GT3 24163	20.29 1.38 -0.96	20.75 0.90 -7.74	20.21 0.79 -8.72	20.97 0.73 -10.25	21.95 0.11 -20.37	24.31 0.87 -11.90	58.90 -0.56 -66.91	39.40 1.51 -19.09	33.08 1.30 -16.05	22.43 1.63 0.00	23.71 1.86 -0.14	21.51 1.72 -0.87	21.93 1.74 0.00	19.90 1.62 0.00	16.63 1.34 0.00	19.45 1.42 0.00	22.76 1.63 0.00	32.51 2.29 -0.22	39.48 2.64 -2.93	32.39 2.37 0.00	26.78 1.94 0.00	23.40 1.63 -0.61	23.73 1.59 -1.46	21.13 1.42 -0.92
NYPA__ASTORIA_CC1 323568	20.28 1.37 -0.96	20.74 0.89 -7.74	20.20 0.78 -8.72	20.96 0.73 -10.25	21.95 0.11 -20.37	24.30 0.85 -11.90	58.91 -0.55 -66.91	39.38 1.49 -19.09	33.06 1.28 -16.05	22.41 1.60 0.00	23.69 1.83 -0.14	21.49 1.70 -0.87	21.91 1.71 0.00	19.88 1.60 0.00	16.62 1.33 0.00	19.43 1.41 0.00	22.74 1.60 0.00	32.47 2.25 -0.22	39.43 2.60 -2.93	32.35 2.33 0.00	26.74 1.90 0.00	23.37 1.60 -0.61	23.71 1.57 -1.46	21.11 1.40 -0.92
NYPA__ASTORIA_CC2 323569	20.28 1.37 -0.96	20.74 0.89 -7.74	20.20 0.78 -8.72	20.96 0.73 -10.25	21.95 0.11 -20.37	24.30 0.85 -11.90	58.91 -0.55 -66.91	39.38 1.49 -19.09	33.06 1.28 -16.05	22.41 1.60 0.00	23.69 1.83 -0.14	21.49 1.70 -0.87	21.91 1.71 0.00	19.88 1.60 0.00	16.62 1.33 0.00	19.43 1.41 0.00	22.74 1.60 0.00	32.47 2.25 -0.22	39.43 2.60 -2.93	32.35 2.33 0.00	26.74 1.90 0.00	23.37 1.60 -0.61	23.71 1.57 -1.46	21.11 1.40 -0.92
NYPA__HOLTSVILL 23794	20.58 1.68 -0.95	20.98 1.14 -7.74	20.42 1.00 -8.72	21.18 0.95 -10.24	21.96 0.13 -20.36	24.43 0.99 -11.90	58.76 -0.67 -66.88	39.62 1.73 -19.08	33.34 1.57 -16.05	22.61 1.81 0.00	23.92 2.06 -0.14	21.74 1.96 -0.87	22.21 2.01 0.00	20.06 1.79 0.00	16.74 1.46 0.00	19.51 1.48 0.00	22.89 1.75 0.00	32.98 2.76 -0.22	40.06 3.23 -2.93	32.87 2.85 0.00	27.01 2.16 0.00	23.55 1.78 -0.61	23.90 1.76 -1.46	21.40 1.70 -0.92
NYPA____HELLGATE_GT1 24158	20.26 1.35 -0.96	20.72 0.87 -7.74	20.19 0.77 -8.72	20.98 0.74 -10.25	21.95 0.11 -20.37	24.31 0.87 -11.90	58.94 -0.53 -66.91	39.33 1.44 -19.09	33.03 1.26 -16.05	22.38 1.57 0.00	23.66 1.81 -0.14	21.49 1.70 -0.87	21.90 1.70 0.00	19.87 1.59 0.00	16.59 1.30 0.00	19.41 1.39 0.00	22.72 1.59 0.00	32.36 2.14 -0.22	39.39 2.55 -2.93	32.31 2.29 0.00	26.74 1.90 0.00	23.40 1.63 -0.61	23.72 1.58 -1.46	21.15 1.44 -0.92
NYPA____HELLGATE_GT2 24159	20.26 1.35 -0.96	20.72 0.87 -7.74	20.19 0.77 -8.72	20.98 0.74 -10.25	21.95 0.11 -20.37	24.31 0.87 -11.90	58.94 -0.53 -66.91	39.33 1.44 -19.09	33.03 1.26 -16.05	22.38 1.57 0.00	23.66 1.81 -0.14	21.49 1.70 -0.87	21.90 1.70 0.00	19.87 1.59 0.00	16.59 1.30 0.00	19.41 1.39 0.00	22.72 1.59 0.00	32.36 2.14 -0.22	39.39 2.55 -2.93	32.31 2.29 0.00	26.74 1.90 0.00	23.40 1.63 -0.61	23.72 1.58 -1.46	21.15 1.44 -0.92
NYS_BARGE__HYD 23848	17.36 -0.85 -0.25	13.58 -0.52 -2.00	12.51 -0.48 -2.29	12.22 -0.45 -2.69	6.75 -0.06 -5.34	14.09 -0.56 -3.12	10.63 0.57 -17.51	22.66 -1.13 -5.00	18.98 -0.94 -4.20	19.77 -1.04 0.00	20.65 -1.10 -0.04	18.03 -1.12 -0.23	19.14 -1.06 0.00	17.24 -1.04 0.00	14.31 -0.97 0.00	16.68 -1.35 0.00	19.62 -1.52 0.00	27.99 -2.07 -0.05	32.56 -2.09 -0.74	28.18 -1.84 0.00	23.28 -1.56 0.00	19.80 -1.51 -0.16	19.65 -1.39 -0.37	17.63 -1.38 -0.23
OAK ORCHARD__HYD 24046	17.82 -0.36 -0.22	13.71 -0.21 -1.82	12.59 -0.20 -2.09	12.24 -0.20 -2.45	6.32 -0.02 -4.87	14.17 -0.22 -2.85	8.77 0.22 -15.99	22.97 -0.39 -4.56	19.22 -0.34 -3.84	20.42 -0.38 0.00	21.34 -0.41 -0.03	18.66 -0.46 -0.21	19.77 -0.43 0.00	17.84 -0.44 0.00	14.85 -0.43 0.00	17.43 -0.60 0.00	20.51 -0.63 0.00	29.21 -0.84 -0.05	33.83 -0.75 -0.68	29.32 -0.71 0.00	24.23 -0.61 0.00	20.66 -0.64 -0.14	20.37 -0.64 -0.34	18.32 -0.68 -0.21
OAKDALE__35_KV_LOAD 356122	18.60 0.24 -0.40	15.49 0.14 -3.24	14.53 0.11 -3.71	14.47 0.12 -4.37	10.17 0.02 -8.68	16.76 0.14 -5.07	21.00 -0.07 -28.52	27.22 0.28 -8.14	22.77 0.21 -6.84	21.02 0.22 0.00	22.06 0.29 -0.06	19.47 0.17 -0.37	20.37 0.17 0.00	18.42 0.14 0.00	15.35 0.06 0.00	18.03 0.01 0.00	21.21 0.08 0.00	30.30 0.21 -0.09	35.34 0.22 -1.22	30.25 0.23 0.00	24.99 0.14 0.00	21.47 0.05 -0.26	21.37 0.09 -0.61	19.23 0.06 -0.38
OCC_CHEM__DRP 24175	17.09 -1.11 -0.25	13.44 -0.68 -2.02	12.39 -0.62 -2.32	12.11 -0.60 -2.72	6.79 -0.08 -5.40	13.97 -0.72 -3.15	11.04 0.76 -17.72	22.32 -1.54 -5.06	18.68 -1.30 -4.25	19.34 -1.46 0.00	20.22 -1.54 -0.04	17.69 -1.47 -0.23	18.78 -1.41 0.00	16.92 -1.36 0.00	14.04 -1.24 0.00	16.32 -1.71 0.00	19.19 -1.95 0.00	27.31 -2.75 -0.06	31.82 -2.83 -0.75	27.51 -2.51 0.00	22.76 -2.09 0.00	19.38 -1.93 -0.16	19.20 -1.85 -0.38	17.28 -1.75 -0.24
OH_GEN_PROXY 24063	17.27 -0.94 -0.25	13.53 -0.57 -2.00	12.47 -0.53 -2.30	12.18 -0.50 -2.70	6.76 -0.07 -5.36	14.04 -0.63 -3.13	10.74 0.60 -17.59	26.71 -1.23 -9.14	23.84 -1.03 -9.15	19.64 -1.16 0.00	20.75 -1.20 -0.23	17.97 -1.18 -0.23	35.11 -1.10 -16.01	30.93 -1.07 -13.72	14.28 -1.01 0.00	16.63 -1.40 0.00	37.22 -1.60 -17.68	45.14 -2.19 -17.32	55.43 -2.25 -23.78	43.68 -1.96 -15.62	23.89 -1.66 -0.70	28.39 -1.58 -8.81	19.57 -1.48 -0.37	17.58 -1.44 -0.24
OLIN_CORP_DRP 24177	17.09 -1.12 -0.25	13.43 -0.70 -2.03	12.38 -0.65 -2.33	12.12 -0.61 -2.74	6.82 -0.08 -5.43	13.97 -0.73 -3.17	11.07 0.71 -17.81	22.43 -1.45 -5.08	18.80 -1.20 -4.27	19.45 -1.35 0.00	20.33 -1.43 -0.04	17.76 -1.39 -0.23	18.86 -1.34 0.00	16.99 -1.29 0.00	14.10 -1.18 0.00	16.40 -1.63 0.00	19.29 -1.84 0.00	27.48 -2.58 -0.06	32.00 -2.66 -0.76	27.68 -2.34 0.00	22.88 -1.97 0.00	19.48 -1.83 -0.16	19.30 -1.76 -0.38	17.36 -1.66 -0.24

OLIN_CORP_DSASP 323712	17.10 -1.11 -0.25	13.45 -0.67 -2.02	12.41 -0.61 -2.32	12.12 -0.58 -2.72	6.79 -0.08 -5.40	13.97 -0.72 -3.15	11.02 0.75 -17.72	22.33 -1.54 -5.06	18.68 -1.30 -4.25	19.34 -1.46 0.00	20.22 -1.53 -0.04	17.68 -1.47 -0.23	18.78 -1.41 0.00	16.92 -1.36 0.00	14.04 -1.24 0.00	16.33 -1.70 0.00	19.18 -1.96 0.00	27.31 -2.75 -0.06	31.83 -2.83 -0.75	27.51 -2.51 0.00	22.77 -2.08 0.00	19.39 -1.93 -0.16	19.25 -1.80 -0.38	17.29 -1.74 -0.24
ONEIDA_HERK_LFGE 323681	18.20 0.17 -0.06	12.69 0.05 -0.53	11.38 0.06 -0.61	10.82 0.11 -0.72	2.89 0.00 -1.42	12.40 0.03 -0.83	-2.93 -0.15 -4.67	20.35 0.21 -1.33	17.07 0.23 -1.12	21.00 0.20 0.00	21.79 0.07 -0.01	18.98 0.00 -0.06	20.11 -0.08 0.00	18.14 -0.14 0.00	15.18 -0.10 0.00	17.92 -0.10 0.00	21.14 0.00 0.00	30.20 0.18 -0.01	34.21 0.11 -0.20	28.12 0.10 2.00	22.48 -0.03 2.34	18.93 -0.03 2.20	18.51 -0.04 2.13	16.85 -0.08 1.85
ONEIDA___115KV_TB4 55905	18.51 0.44 -0.11	13.32 0.29 -0.93	12.03 0.26 -1.07	11.49 0.25 -1.25	3.99 0.03 -2.49	13.26 0.26 -1.46	0.48 -0.25 -8.18	21.73 0.59 -2.33	18.21 0.52 -1.96	21.34 0.54 0.00	22.17 0.44 -0.02	19.35 0.32 -0.11	20.44 0.25 0.00	18.48 0.20 0.00	15.43 0.15 0.00	18.20 0.17 0.00	21.53 0.40 0.00	30.76 0.73 -0.02	34.96 0.72 -0.34	30.71 0.69 0.00	25.27 0.43 0.00	21.57 0.34 -0.07	21.19 0.35 -0.17	19.15 0.26 -0.11
ONONDAGA_REF_OCCRA 23987	18.24 0.07 -0.21	13.84 0.04 -1.70	12.68 0.02 -1.95	12.30 0.03 -2.29	6.02 0.01 -4.55	14.24 0.04 -2.66	7.48 -0.02 -14.95	23.18 0.11 -4.27	19.41 0.11 -3.59	20.88 0.08 0.00	21.81 0.06 -0.03	19.14 0.03 -0.19	20.20 0.00 0.00	18.26 -0.02 0.00	15.23 -0.05 0.00	17.91 -0.12 0.00	21.06 -0.07 0.00	30.01 -0.04 -0.05	34.49 -0.03 -0.62	30.00 -0.02 0.00	24.79 -0.06 0.00	21.21 -0.07 -0.13	20.92 -0.07 -0.31	18.88 -0.10 -0.19
ONONDAGA___COGEN 23986	18.23 0.07 -0.21	13.81 0.04 -1.67	12.64 0.02 -1.92	12.26 0.02 -2.25	5.95 0.01 -4.48	14.20 0.04 -2.62	7.24 -0.02 -14.71	23.10 0.10 -4.20	19.36 0.11 -3.53	20.88 0.08 0.00	21.83 0.08 -0.03	19.26 0.15 -0.19	20.34 0.15 0.00	18.39 0.12 0.00	15.34 0.05 0.00	17.97 -0.05 0.00	21.01 -0.12 0.00	29.95 -0.09 -0.04	34.39 -0.11 -0.60	29.93 -0.09 0.00	24.72 -0.12 0.00	21.15 -0.13 -0.13	20.87 -0.10 -0.30	18.85 -0.12 -0.19
ONTARIO___LFGE 23819	18.25 0.04 -0.25	14.10 0.01 -1.99	12.97 -0.01 -2.29	12.67 0.00 -2.69	6.81 0.00 -5.34	14.67 0.01 -3.12	10.13 0.02 -17.55	23.92 0.10 -5.01	20.00 0.06 -4.21	20.79 -0.01 0.00	21.69 -0.06 -0.04	18.98 -0.16 -0.23	20.03 -0.16 0.00	18.08 -0.20 0.00	15.06 -0.23 0.00	17.72 -0.31 0.00	20.89 -0.24 0.00	29.85 -0.20 -0.05	34.37 -0.27 -0.74	29.91 -0.11 0.00	24.64 -0.20 0.00	21.02 -0.30 -0.15	20.80 -0.24 -0.37	18.72 -0.29 -0.23
ORANGEVILLE_WT_PWR 323706	17.48 -0.76 -0.28	13.84 -0.52 -2.26	12.81 -0.49 -2.59	12.59 -0.44 -3.04	7.46 -0.06 -6.05	14.52 -0.56 -3.53	12.93 0.52 -19.86	23.44 -1.03 -5.67	19.54 -0.95 -4.77	19.71 -1.09 0.00	20.69 -1.07 -0.04	18.01 -1.17 -0.26	19.03 -1.17 0.00	17.15 -1.13 0.00	14.19 -1.09 0.00	16.59 -1.44 0.00	19.64 -1.50 0.00	28.06 -2.01 -0.06	32.70 -2.05 -0.84	28.14 -1.88 0.00	23.18 -1.67 0.00	19.74 -1.60 -0.18	19.62 -1.48 -0.42	17.63 -1.42 -0.27
ORANGEVILLE___ESR 323794	17.48 -0.76 -0.28	13.84 -0.52 -2.26	12.81 -0.49 -2.59	12.59 -0.44 -3.04	7.46 -0.06 -6.05	14.52 -0.56 -3.53	12.93 0.52 -19.86	23.44 -1.03 -5.67	19.54 -0.95 -4.77	19.71 -1.09 0.00	20.69 -1.07 -0.04	18.01 -1.17 -0.26	19.03 -1.17 0.00	17.15 -1.13 0.00	14.19 -1.09 0.00	16.59 -1.44 0.00	19.64 -1.50 0.00	28.06 -2.01 -0.06	32.70 -2.05 -0.84	28.14 -1.88 0.00	23.18 -1.67 0.00	19.74 -1.60 -0.18	19.62 -1.48 -0.42	17.63 -1.42 -0.27
OSWEGATCHIE___HYD 24044	17.67 -0.34 -0.06	12.23 -0.31 -0.45	10.94 -0.27 -0.51	10.41 -0.18 -0.60	2.62 -0.04 -1.20	11.94 -0.30 -0.70	-3.46 0.05 -3.94	19.56 -0.36 -1.12	16.38 -0.28 -0.94	20.43 -0.37 0.00	21.14 -0.59 -0.01	18.43 -0.55 -0.05	19.59 -0.61 0.00	17.62 -0.66 0.00	14.81 -0.48 0.00	17.54 -0.49 0.00	20.54 -0.60 0.00	29.27 -0.74 -0.01	33.23 -0.83 -0.17	9.91 -0.92 19.19	2.21 -0.72 21.91	-0.28 -0.63 20.81	-0.66 -0.73 20.61	0.10 -0.66 18.02
OSWEGO___5 23606	17.71 -0.39 -0.14	12.97 -0.26 -1.14	11.77 -0.24 -1.30	11.29 -0.22 -1.53	4.48 -0.03 -3.04	13.05 -0.26 -1.78	2.71 0.18 -9.98	21.22 -0.42 -2.85	17.77 -0.34 -2.39	20.32 -0.48 0.00	21.23 -0.51 -0.02	18.56 -0.49 -0.13	19.67 -0.53 0.00	17.80 -0.48 0.00	14.87 -0.42 0.00	17.56 -0.47 0.00	20.65 -0.48 0.00	29.38 -0.65 -0.04	33.66 -0.73 -0.49	29.38 -0.64 0.00	24.30 -0.54 0.00	20.80 -0.46 -0.10	20.47 -0.44 -0.24	18.50 -0.43 -0.15
OSWEGO___6 23613	17.71 -0.39 -0.14	12.97 -0.26 -1.14	11.77 -0.24 -1.30	11.29 -0.22 -1.53	4.48 -0.03 -3.04	13.05 -0.26 -1.78	2.71 0.18 -9.98	21.22 -0.42 -2.85	17.77 -0.34 -2.39	20.32 -0.48 0.00	21.23 -0.51 -0.02	18.56 -0.49 -0.13	19.67 -0.53 0.00	17.80 -0.48 0.00	14.87 -0.42 0.00	17.56 -0.47 0.00	20.65 -0.48 0.00	29.38 -0.65 -0.04	33.66 -0.73 -0.49	29.38 -0.64 0.00	24.30 -0.54 0.00	20.80 -0.46 -0.10	20.47 -0.44 -0.24	18.50 -0.43 -0.15
OUTOKUMPU-AB___DRP 24206	17.52 -0.69 -0.25	13.72 -0.42 -2.04	12.65 -0.39 -2.34	12.36 -0.38 -2.75	6.87 -0.05 -5.45	14.26 -0.46 -3.18	10.97 0.53 -17.89	22.92 -0.99 -5.11	19.19 -0.83 -4.29	19.90 -0.90 0.00	20.81 -0.94 -0.04	18.18 -0.98 -0.23	19.30 -0.90 0.00	17.39 -0.89 0.00	14.43 -0.86 0.00	16.80 -1.23 0.00	19.76 -1.37 0.00	28.20 -1.85 -0.06	32.80 -1.86 -0.76	28.40 -1.63 0.00	23.45 -1.40 0.00	19.95 -1.37 -0.16	19.75 -1.31 -0.38	17.75 -1.28 -0.24
OXBOW___ 24026	17.36 -0.84 -0.25	13.62 -0.51 -2.03	12.57 -0.46 -2.33	12.28 -0.45 -2.74	6.84 -0.06 -5.43	14.15 -0.56 -3.17	10.97 0.61 -17.81	22.67 -1.21 -5.08	18.98 -1.02 -4.27	19.68 -1.12 0.00	20.58 -1.18 -0.04	17.99 -1.17 -0.23	19.10 -1.10 0.00	17.20 -1.07 0.00	14.28 -1.01 0.00	16.62 -1.41 0.00	19.53 -1.61 0.00	27.85 -2.21 -0.06	32.41 -2.25 -0.76	28.04 -1.98 0.00	23.17 -1.67 0.00	19.72 -1.59 -0.16	19.58 -1.47 -0.38	17.57 -1.45 -0.24
OXY_CHEM_DSASP 323612	17.09 -1.11 -0.25	13.44 -0.68 -2.02	12.39 -0.62 -2.32	12.11 -0.60 -2.72	6.79 -0.08 -5.40	13.97 -0.72 -3.15	11.04 0.76 -17.72	22.32 -1.54 -5.06	18.68 -1.30 -4.25	19.34 -1.46 0.00	20.22 -1.54 -0.04	17.69 -1.47 -0.23	18.78 -1.41 0.00	16.92 -1.36 0.00	14.04 -1.24 0.00	16.32 -1.71 0.00	19.19 -1.95 0.00	27.31 -2.75 -0.06	31.82 -2.83 -0.75	27.51 -2.51 0.00	22.76 -2.09 0.00	19.38 -1.93 -0.16	19.20 -1.85 -0.38	17.28 -1.75 -0.24
OZONE_PARK_ESR 323760	20.41 1.50 -0.95	20.83 0.99 -7.74	20.29 0.86 -8.72	21.04 0.80 -10.25	21.96 0.12 -20.37	24.39 0.95 -11.90	58.81 -0.64 -66.90	39.59 1.69 -19.09	33.20 1.42 -16.05	22.59 1.79 0.00	23.91 2.06 -0.14	21.66 1.88 -0.87	22.10 1.90 0.00	20.03 1.75 0.00	16.73 1.44 0.00	19.58 1.56 0.00	22.94 1.81 0.00	32.80 2.58 -0.22	39.79 2.96 -2.93	32.64 2.62 0.00	27.00 2.16 0.00	23.57 1.80 -0.61	23.92 1.79 -1.46	21.28 1.57 -0.92

PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	17.09 -1.11 -0.25	13.44 -0.68 -2.02	12.39 -0.62 -2.32	12.11 -0.60 -2.72	6.79 -0.08 -5.40	13.97 -0.72 -3.15	11.04 0.76 -17.72	22.32 -1.54 -5.06	18.68 -1.30 -4.25	19.34 -1.46 0.00	20.22 -1.54 -0.04	17.69 -1.47 -0.23	18.78 -1.41 0.00	16.92 -1.36 0.00	14.04 -1.24 0.00	16.32 -1.71 0.00	19.19 -1.95 0.00	27.31 -2.75 -0.06	31.82 -2.83 -0.75	27.51 -2.51 0.00	22.76 -2.09 0.00	19.38 -1.93 -0.16	19.20 -1.85 -0.38	17.28 -1.75 -0.24
PACKARD__115KV_DUPONT_184 80571	17.09 -1.11 -0.25	13.44 -0.68 -2.02	12.39 -0.62 -2.32	12.11 -0.60 -2.72	6.79 -0.08 -5.40	13.97 -0.72 -3.15	11.04 0.76 -17.72	22.32 -1.54 -5.06	18.68 -1.30 -4.25	19.34 -1.46 0.00	20.22 -1.54 -0.04	17.69 -1.47 -0.23	18.78 -1.41 0.00	16.92 -1.36 0.00	14.04 -1.24 0.00	16.32 -1.71 0.00	19.19 -1.95 0.00	27.31 -2.75 -0.06	31.82 -2.83 -0.75	27.51 -2.51 0.00	22.76 -2.09 0.00	19.38 -1.93 -0.16	19.20 -1.85 -0.38	17.28 -1.75 -0.24
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	20.27 1.36 -0.95	20.73 0.88 -7.74	20.21 0.78 -8.72	20.97 0.73 -10.25	21.95 0.11 -20.37	24.30 0.86 -11.90	58.91 -0.54 -66.91	39.38 1.48 -19.09	33.05 1.28 -16.05	22.38 1.58 0.00	23.66 1.81 -0.14	21.47 1.69 -0.87	21.88 1.69 0.00	19.85 1.58 0.00	16.57 1.29 0.00	19.39 1.36 0.00	22.70 1.56 0.00	32.40 2.18 -0.22	39.42 2.59 -2.93	32.31 2.29 0.00	26.72 1.87 0.00	23.37 1.60 -0.61	23.70 1.57 -1.46	21.11 1.41 -0.92
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	20.34 1.43 -0.95	20.78 0.94 -7.74	20.25 0.83 -8.72	21.02 0.78 -10.25	21.95 0.11 -20.37	24.32 0.88 -11.90	58.91 -0.55 -66.91	39.42 1.53 -19.09	33.14 1.37 -16.05	22.44 1.64 0.00	23.69 1.84 -0.14	21.48 1.70 -0.87	21.91 1.71 0.00	19.86 1.58 0.00	16.58 1.29 0.00	19.39 1.37 0.00	22.71 1.58 0.00	32.47 2.25 -0.22	39.46 2.63 -2.93	32.40 2.38 0.00	26.74 1.89 0.00	23.40 1.62 -0.61	23.74 1.60 -1.46	21.17 1.46 -0.92
PATROON__115KV_TB1 80586	19.63 0.49 -1.19	22.09 0.37 -9.63	21.99 0.32 -10.96	23.16 0.29 -12.89	27.12 0.04 -25.61	26.82 0.32 -14.97	76.44 -0.22 -84.11	43.41 0.63 -23.98	36.40 0.51 -20.16	21.43 0.63 0.00	22.60 0.71 -0.18	20.60 0.59 -1.09	20.78 0.59 0.00	18.82 0.54 0.00	15.79 0.50 0.00	18.54 0.52 0.00	21.77 0.63 0.00	31.20 0.92 -0.27	38.66 1.09 -3.67	30.86 0.83 0.00	25.57 0.72 0.00	22.57 0.64 -0.77	23.12 0.62 -1.83	20.54 0.61 -1.15
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	17.94 -0.28 -0.26	14.04 -0.19 -2.13	12.95 -0.20 -2.44	12.68 -0.18 -2.87	7.14 -0.01 -5.69	14.64 -0.22 -3.32	11.54 0.33 -18.66	23.68 -0.44 -5.32	19.80 -0.40 -4.48	20.45 -0.35 0.00	21.39 -0.37 -0.04	18.67 -0.49 -0.24	19.82 -0.38 0.00	17.86 -0.42 0.00	14.80 -0.48 0.00	17.28 -0.74 0.00	20.35 -1.00 0.00	29.06 -0.96 -0.06	33.73 -0.80 -0.79	29.22 -0.80 0.00	24.10 -0.75 0.00	20.49 -0.83 0.00	20.30 -0.77 -0.17	18.27 -0.77 -0.25
PAWLING_115_KV_BK3_REV_LBMP_H 345028	20.30 1.38 -0.96	20.81 0.92 -7.79	20.35 0.80 -8.85	21.14 0.75 -10.40	22.25 0.11 -20.67	24.52 0.90 -12.08	59.82 -0.62 -67.88	39.79 1.62 -19.37	33.36 1.35 -16.29	22.48 1.67 0.00	23.71 1.85 -0.14	21.44 1.64 -0.88	21.86 1.67 0.00	19.79 1.51 0.00	16.53 1.24 0.00	19.40 1.38 0.00	22.78 1.64 0.00	32.64 2.42 -0.22	39.71 2.84 -2.97	32.47 2.45 0.00	26.85 2.00 0.00	23.46 1.67 -0.62	23.80 1.64 -1.48	21.16 1.44 -0.93
PEEKSKILL____ 23653	20.03 1.13 -0.94	20.46 0.75 -7.61	20.00 0.68 -8.62	20.75 0.64 -10.13	21.70 0.09 -20.14	24.08 0.77 -11.77	58.15 -0.53 -66.13	39.04 1.37 -18.87	32.74 1.15 -15.87	22.21 1.41 0.00	23.47 1.62 -0.14	21.25 1.47 -0.86	21.68 1.48 0.00	19.63 1.35 0.00	16.39 1.11 0.00	19.22 1.19 0.00	22.55 1.42 0.00	32.29 2.08 -0.21	39.20 2.40 -2.90	32.10 2.07 0.00	26.54 1.69 0.00	23.19 1.42 -0.61	23.52 1.40 -1.45	20.94 1.25 -0.91
PGE MADISON__WINDPWR 24146	19.63 1.29 -0.38	16.02 0.81 -3.11	14.94 0.68 -3.56	14.82 0.65 -4.18	9.89 0.10 -8.32	17.21 0.81 -4.86	19.35 -0.51 -27.32	27.30 0.70 -7.79	23.03 0.75 -6.55	21.64 0.84 0.00	22.40 0.63 -0.06	19.63 0.35 -0.36	20.36 0.16 0.00	18.35 0.07 0.00	15.29 0.01 0.00	18.46 0.43 0.00	22.10 0.97 0.00	31.78 1.69 -0.09	36.87 1.80 -1.16	31.74 1.72 0.00	26.06 1.22 0.00	22.26 0.86 -0.24	22.12 0.86 -0.58	19.89 0.74 -0.37
PIERCEFIELD__HYD 23852	17.73 -0.25 -0.03	12.14 -0.20 -0.25	10.80 -0.18 -0.28	10.16 -0.15 -0.33	2.09 -0.03 -0.65	11.69 -0.23 -0.38	-5.25 0.06 -2.15	19.05 -0.36 -0.61	15.98 -0.26 -0.51	20.48 -0.32 0.00	21.24 -0.47 0.00	18.51 -0.45 -0.03	19.77 -0.42 0.00	17.85 -0.42 0.00	15.01 -0.28 0.00	17.81 -0.22 0.00	20.75 -0.39 0.00	29.58 -0.43 -0.01	33.41 -0.58 -0.09	0.38 -0.64 29.01	-8.75 -0.50 33.10	-10.77 -0.46 31.46	-11.05 -0.51 31.22	-8.90 -0.40 27.29
PINELAWN_CC_1 323563	20.59 1.68 -0.95	20.97 1.13 -7.74	20.41 0.99 -8.72	21.17 0.94 -10.24	21.96 0.13 -20.36	24.48 1.04 -11.90	58.75 -0.68 -66.88	39.68 1.79 -19.08	33.36 1.58 -16.05	22.70 1.90 0.00	24.01 2.16 -0.14	21.79 2.00 -0.87	22.24 2.04 0.00	20.09 1.81 0.00	16.76 1.47 0.00	19.57 1.54 0.00	22.98 1.85 0.00	33.04 2.82 -0.22	40.17 3.34 -2.93	32.95 2.93 0.00	27.18 2.33 0.00	23.69 1.92 -0.61	23.99 1.86 -1.46	21.43 1.73 -0.92
PJM_GEN_HTP_PROXY 323702	20.24 1.33 -0.95	20.72 0.88 -7.74	20.19 0.77 -8.72	20.95 0.71 -10.25	21.94 0.10 -20.37	24.29 0.85 -11.90	58.88 -0.56 -66.90	42.39 1.49 -22.10	30.07 1.25 -13.10	22.37 1.57 0.00	23.67 1.81 -0.14	21.46 1.67 -0.87	21.89 1.70 0.00	19.84 1.56 0.00	14.87 1.28 1.70	19.40 1.38 0.00	22.72 1.58 0.00	32.49 2.27 -0.22	39.43 2.59 -2.93	32.32 2.30 0.00	26.73 1.88 0.00	23.35 1.57 -0.61	23.70 1.56 -1.46	21.10 1.40 -0.92
PJM_GEN_KEystone 24065	18.96 0.39 -0.61	17.31 0.26 -4.94	16.69 0.25 -5.74	16.97 0.24 -6.75	14.91 0.04 -13.41	19.27 0.28 -7.45	36.43 -0.14 -44.02	34.87 0.49 -15.57	24.50 0.36 -8.41	20.77 0.45 0.48	22.43 0.62 -0.09	20.02 0.52 -0.57	20.77 0.58 0.00	18.78 0.50 0.00	13.94 0.35 1.70	18.31 0.29 0.00	21.50 0.36 0.00	30.74 0.60 -0.14	36.55 0.73 -1.92	30.65 0.62 0.00	25.32 0.47 0.00	21.88 0.32 -0.40	22.02 0.39 -0.96	19.71 0.32 -0.60
PJM_GEN_NEPTUNE_PROXY 323594	20.29 1.38 -0.95	20.77 0.93 -7.74	20.23 0.81 -8.72	21.00 0.76 -10.24	21.94 0.11 -20.36	24.29 0.85 -11.90	58.88 -0.56 -66.88	42.37 1.47 -22.10	30.11 1.29 -13.10	22.36 1.56 0.00	23.67 1.81 -0.14	21.48 1.69 -0.87	21.91 1.72 0.00	19.82 1.54 0.00	14.87 1.28 1.70	19.35 1.33 0.00	22.70 1.56 0.00	32.59 2.37 -0.22	39.61 2.77 -2.93	32.46 2.44 0.00	26.79 1.94 0.00	23.37 1.60 -0.61	23.71 1.57 -1.46	21.16 1.46 -0.92
PJM_GEN_VFT_PROXY 323633	20.19 1.28 -0.95	20.69 0.85 -7.74	20.16 0.74 -8.72	20.92 0.68 -10.25	21.94 0.10 -20.37	24.24 0.80 -11.90	58.91 -0.54 -66.90	42.32 1.42 -22.10	30.01 1.19 -13.10	22.27 1.47 0.00	23.58 1.72 -0.14	21.38 1.59 -0.87	21.79 1.60 0.00	19.76 1.48 0.00	14.80 1.21 1.70	19.31 1.29 0.00	22.62 1.49 0.00	32.35 2.13 -0.22	39.27 2.43 -2.93	32.16 2.14 0.00	26.59 1.75 0.00	23.24 1.47 -0.61	23.60 1.47 -1.46	21.01 1.30 -0.92

PLATSBRG_115KV_PMLD1 355749	17.92 -0.04 0.00	12.05 -0.04 0.00	10.67 -0.03 0.00	9.98 0.00 0.00	1.47 0.00 0.00	11.46 -0.08 0.00	-7.50 -0.05 0.00	18.53 -0.27 0.00	15.49 -0.23 0.00	20.71 -0.09 0.00	21.42 -0.30 0.00	18.36 -0.56 0.00	19.71 -0.48 0.00	17.88 0.00 0.00	14.93 -0.36 0.00	17.77 -0.26 0.00	20.83 -0.30 0.00	29.52 -0.49 0.00	33.36 -0.54 0.00	-15.60 -1.15 44.47	-20.70 -0.89 44.66	-20.57 -0.74 40.98	-20.73 -0.83 40.57	-20.80 -0.74 38.84
PLEASANTVLY___LBMP 24000	20.03 1.08 -0.99	20.88 0.72 -8.06	20.47 0.63 -9.14	21.32 0.59 -10.74	22.90 0.09 -21.34	24.72 0.71 -12.47	62.17 -0.48 -70.10	40.05 1.25 -20.00	33.58 1.03 -16.82	22.09 1.29 0.00	23.34 1.48 -0.15	21.16 1.33 -0.91	21.55 1.35 0.00	19.50 1.22 0.00	16.29 1.01 0.00	19.12 1.09 0.00	22.43 1.29 0.00	32.11 1.88 -0.23	39.18 2.21 -3.07	31.90 1.88 0.00	26.39 1.55 0.00	23.11 1.31 -0.64	23.50 1.30 -1.53	20.91 1.16 -0.97
PLSNTVLE_13_KV_13.8KVDIST 80602	20.13 1.22 -0.96	20.70 0.81 -7.79	20.21 0.71 -8.79	20.99 0.67 -10.34	22.11 0.10 -20.54	24.34 0.80 -12.00	59.48 -0.54 -67.46	39.46 1.41 -19.25	33.09 1.18 -16.19	22.28 1.48 0.00	23.54 1.69 -0.14	21.32 1.53 -0.88	21.75 1.56 0.00	19.70 1.42 0.00	16.45 1.16 0.00	19.29 1.27 0.00	22.62 1.48 0.00	32.37 2.15 -0.22	39.36 2.50 -2.96	32.17 2.15 0.00	26.61 1.77 0.00	23.26 1.48 -0.62	23.62 1.48 -1.48	21.02 1.30 -0.93
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	20.13 1.22 -0.96	20.70 0.81 -7.79	20.21 0.71 -8.79	20.99 0.67 -10.34	22.11 0.10 -20.54	24.34 0.80 -12.00	59.48 -0.54 -67.46	39.46 1.41 -19.25	33.09 1.18 -16.19	22.28 1.48 0.00	23.54 1.69 -0.14	21.32 1.53 -0.88	21.75 1.56 0.00	19.70 1.42 0.00	16.45 1.16 0.00	19.29 1.27 0.00	22.62 1.48 0.00	32.37 2.15 -0.22	39.36 2.50 -2.96	32.17 2.15 0.00	26.61 1.77 0.00	23.26 1.48 -0.62	23.62 1.48 -1.48	21.02 1.30 -0.93
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	20.16 1.23 -0.97	20.83 0.82 -7.91	20.42 0.72 -8.99	21.23 0.67 -10.57	22.58 0.10 -21.01	24.62 0.80 -12.27	61.00 -0.54 -68.99	39.90 1.42 -19.69	33.46 1.19 -16.55	22.27 1.47 0.00	23.50 1.64 -0.15	21.26 1.45 -0.89	21.65 1.46 0.00	19.60 1.32 0.00	16.39 1.10 0.00	19.25 1.22 0.00	22.60 1.46 0.00	32.42 2.19 -0.22	39.47 2.56 -3.01	32.24 2.22 0.00	26.65 1.80 0.00	23.30 1.51 -0.63	23.66 1.49 -1.50	21.05 1.32 -0.94
POLETTI____ 23519	20.23 1.33 -0.95	20.72 0.87 -7.74	20.19 0.77 -8.72	20.94 0.71 -10.25	21.94 0.10 -20.37	24.27 0.82 -11.90	58.92 -0.53 -66.90	39.30 1.41 -19.09	32.97 1.20 -16.05	22.30 1.50 0.00	23.64 1.78 -0.14	21.44 1.65 -0.87	21.87 1.68 0.00	19.82 1.55 0.00	16.56 1.27 0.00	19.39 1.36 0.00	22.70 1.57 0.00	32.41 2.19 -0.22	39.33 2.49 -2.93	32.23 2.21 0.00	26.65 1.81 0.00	23.31 1.54 -0.61	23.69 1.55 -1.46	21.08 1.37 -0.92
POMONA___ESR 323819	19.82 0.99 -0.87	19.87 0.68 -7.10	19.75 0.68 -8.37	20.47 0.64 -9.84	21.12 0.09 -19.56	23.75 0.78 -11.43	56.25 -0.55 -64.24	38.53 1.40 -18.33	32.31 1.17 -15.42	22.22 1.42 0.00	23.48 1.63 -0.14	21.23 1.47 -0.83	21.67 1.48 0.00	19.62 1.34 0.00	16.38 1.10 0.00	19.21 1.19 0.00	22.57 1.43 0.00	32.33 2.12 -0.21	39.15 2.43 -2.82	32.12 2.10 0.00	26.54 1.69 0.00	23.17 1.42 -0.59	23.49 1.41 -1.40	20.92 1.25 -0.88
PORT_JEFF_3 23555	20.59 1.68 -0.95	20.99 1.15 -7.74	20.42 1.00 -8.72	21.19 0.95 -10.24	21.96 0.13 -20.36	24.43 0.99 -11.90	58.78 -0.65 -66.88	39.56 1.68 -19.08	33.31 1.55 -16.05	22.61 1.81 0.00	23.94 2.09 -0.14	21.75 1.97 -0.87	22.21 2.01 0.00	20.06 1.79 0.00	16.75 1.47 0.00	19.51 1.48 0.00	22.89 1.75 0.00	32.94 2.72 -0.22	39.98 3.14 -2.93	32.78 2.76 0.00	26.96 2.11 0.00	23.54 1.77 -0.61	23.91 1.77 -1.46	21.41 1.71 -0.92
PORT_JEFF_4 23616	20.59 1.68 -0.95	20.99 1.15 -7.74	20.42 1.00 -8.72	21.19 0.95 -10.24	21.96 0.13 -20.36	24.43 0.99 -11.90	58.78 -0.65 -66.88	39.56 1.68 -19.08	33.31 1.55 -16.05	22.61 1.81 0.00	23.94 2.09 -0.14	21.75 1.97 -0.87	22.21 2.01 0.00	20.06 1.79 0.00	16.75 1.47 0.00	19.51 1.48 0.00	22.89 1.75 0.00	32.94 2.72 -0.22	39.98 3.14 -2.93	32.78 2.76 0.00	26.96 2.11 0.00	23.54 1.77 -0.61	23.91 1.77 -1.46	21.41 1.71 -0.92
PORT_JEFF_IC 23713	20.61 1.70 -0.95	21.00 1.16 -7.74	20.43 1.01 -8.72	21.19 0.96 -10.24	21.96 0.13 -20.36	24.45 1.01 -11.90	58.76 -0.67 -66.88	39.62 1.73 -19.08	33.35 1.58 -16.05	22.64 1.84 0.00	23.96 2.11 -0.14	21.78 1.99 -0.87	22.23 2.04 0.00	20.09 1.81 0.00	16.78 1.49 0.00	19.53 1.50 0.00	22.92 1.79 0.00	33.01 2.79 -0.22	40.08 3.25 -2.93	32.87 2.85 0.00	27.02 2.18 0.00	23.59 1.81 -0.61	23.93 1.79 -1.46	21.44 1.73 -0.92
PPL PILGRIM_ST_GT1 24216	20.68 1.77 -0.95	21.04 1.20 -7.74	20.47 1.05 -8.72	21.22 0.99 -10.24	21.97 0.14 -20.36	24.51 1.08 -11.90	58.72 -0.71 -66.88	39.74 1.86 -19.08	33.43 1.66 -16.05	22.76 1.96 0.00	24.08 2.22 -0.14	21.87 2.08 -0.87	22.33 2.14 0.00	20.18 1.90 0.00	16.84 1.55 0.00	19.63 1.61 0.00	23.06 1.92 0.00	33.15 2.94 -0.22	40.30 3.47 -2.93	33.06 3.04 0.00	27.23 2.39 0.00	23.72 1.95 -0.61	24.04 1.90 -1.46	21.50 1.80 -0.92
PPL PILGRIM_ST_GT2 24217	20.68 1.77 -0.95	21.04 1.20 -7.74	20.47 1.05 -8.72	21.22 0.99 -10.24	21.97 0.14 -20.36	24.51 1.08 -11.90	58.72 -0.71 -66.88	39.74 1.86 -19.08	33.43 1.66 -16.05	22.76 1.96 0.00	24.08 2.22 -0.14	21.87 2.08 -0.87	22.33 2.14 0.00	20.18 1.90 0.00	16.84 1.55 0.00	19.63 1.61 0.00	23.06 1.92 0.00	33.15 2.94 -0.22	40.30 3.47 -2.93	33.06 3.04 0.00	27.23 2.39 0.00	23.72 1.95 -0.61	24.04 1.90 -1.46	21.50 1.80 -0.92
PPL_SHRM_GT3 24213	20.63 1.72 -0.95	21.03 1.19 -7.74	20.46 1.03 -8.72	21.23 1.00 -10.24	21.95 0.12 -20.36	24.40 0.96 -11.90	58.69 -0.74 -66.88	39.69 1.81 -19.08	33.47 1.70 -16.05	22.57 1.76 0.00	23.81 1.96 -0.14	21.65 1.87 -0.87	22.15 1.95 0.00	20.03 1.75 0.00	16.71 1.42 0.00	19.43 1.41 0.00	22.82 1.69 0.00	33.22 3.01 -0.22	40.19 3.36 -2.93	33.13 3.11 0.00	26.90 2.06 0.00	23.46 1.69 -0.61	23.89 1.75 -1.46	21.44 1.73 -0.92
PPL_SHRM_GT4 24214	20.63 1.72 -0.95	21.03 1.19 -7.74	20.46 1.03 -8.72	21.23 1.00 -10.24	21.95 0.12 -20.36	24.40 0.96 -11.90	58.69 -0.74 -66.88	39.69 1.81 -19.08	33.47 1.70 -16.05	22.57 1.76 0.00	23.81 1.96 -0.14	21.65 1.87 -0.87	22.15 1.95 0.00	20.03 1.75 0.00	16.71 1.42 0.00	19.43 1.41 0.00	22.82 1.69 0.00	33.22 3.01 -0.22	40.19 3.36 -2.93	33.13 3.11 0.00	26.90 2.06 0.00	23.46 1.69 -0.61	23.89 1.75 -1.46	21.44 1.73 -0.92
PROJECT___ORANGE I 24174	18.09 -0.06 -0.19	13.59 -0.04 -1.53	12.41 -0.05 -1.75	12.00 -0.04 -2.06	5.56 0.00 -4.09	13.89 -0.04 -2.39	6.04 0.04 -13.45	22.61 -0.03 -3.84	18.93 -0.01 -3.23	20.75 -0.06 0.00	21.67 -0.07 -0.03	19.01 -0.09 -0.18	20.08 -0.12 0.00	18.15 -0.13 0.00	15.14 -0.15 0.00	17.80 -0.23 0.00	20.93 -0.20 0.00	29.81 -0.24 -0.04	34.21 -0.25 -0.56	29.80 -0.22 0.00	24.63 -0.21 0.00	21.08 -0.20 -0.12	20.76 -0.19 -0.28	18.74 -0.22 -0.18

PROJECT___ORANGE 2 24166	18.09 -0.06 -0.19	13.59 -0.04 -1.53	12.41 -0.05 -1.75	12.00 -0.04 -2.06	5.56 0.00 -4.09	13.89 -0.04 -2.39	6.04 0.04 -13.45	22.61 -0.03 -3.84	18.93 -0.01 -3.23	20.75 -0.06 0.00	21.67 -0.07 -0.03	19.01 -0.09 -0.18	20.08 -0.12 0.00	18.15 -0.13 0.00	15.14 -0.15 0.00	17.80 -0.23 0.00	20.93 -0.20 0.00	29.81 -0.24 -0.04	34.21 -0.25 -0.56	29.80 -0.22 0.00	24.63 -0.21 0.00	21.08 -0.20 -0.12	20.76 -0.19 -0.28	18.74 -0.22 -0.18
PUCKETT___SOLAR 323809	18.86 0.50 -0.41	15.69 0.30 -3.30	14.73 0.25 -3.78	14.68 0.25 -4.44	10.33 0.04 -8.82	17.02 0.32 -5.16	21.34 -0.19 -28.97	27.61 0.54 -8.27	23.10 0.42 -6.95	21.23 0.43 0.00	22.16 0.39 -0.06	19.50 0.20 -0.38	20.35 0.16 0.00	18.37 0.09 0.00	15.33 0.05 0.00	18.05 0.03 0.00	21.34 0.21 0.00	30.62 0.53 -0.09	35.75 0.62 -1.24	30.59 0.57 0.00	25.27 0.42 0.00	21.68 0.26 -0.26	21.58 0.29 -0.62	19.38 0.21 -0.39
PYRITES___HYD 24023	18.03 0.05 -0.03	12.33 0.01 -0.23	10.96 0.00 -0.26	10.30 0.01 -0.31	2.07 -0.01 -0.61	11.85 -0.04 -0.36	-5.53 -0.08 -1.99	19.36 -0.01 -0.57	16.25 0.05 -0.48	20.78 -0.02 0.00	21.52 -0.20 0.00	18.76 -0.19 -0.03	20.08 -0.12 0.00	18.17 -0.11 0.00	15.26 -0.02 0.00	18.13 0.10 0.00	21.15 0.01 0.00	30.20 0.19 -0.01	34.04 0.05 -0.08	0.08 0.04 29.97	-9.28 -0.03 34.10	-11.29 -0.06 32.39	-11.54 -0.09 32.13	-9.41 -0.05 28.15
QUAKERRD_115KV_BK1 80622	17.48 -0.70 -0.22	13.45 -0.44 -1.79	12.35 -0.41 -2.05	12.01 -0.39 -2.41	6.21 -0.05 -4.79	13.90 -0.43 -2.80	8.64 0.35 -15.74	22.57 -0.73 -4.49	18.90 -0.60 -3.78	20.03 -0.77 0.00	20.93 -0.81 -0.03	18.31 -0.81 -0.20	19.37 -0.82 0.00	17.49 -0.78 0.00	14.57 -0.71 0.00	17.13 -0.90 0.00	20.16 -0.98 0.00	28.72 -1.33 -0.05	33.18 -1.39 -0.67	28.78 -1.24 0.00	23.77 -1.08 0.00	20.29 -1.01 -0.14	20.00 -1.01 -0.33	18.00 -0.99 -0.21
QUENSBRY_115KV_TB8 356137	20.00 0.83 -1.22	22.58 0.60 -9.88	22.55 0.59 -11.26	23.78 0.56 -13.23	27.87 0.10 -26.30	27.69 0.78 -15.37	78.37 -0.56 -86.38	44.91 1.47 -24.64	37.53 1.09 -20.72	22.19 1.39 0.00	23.29 1.40 -0.18	21.19 1.15 -1.12	21.25 1.06 0.00	19.18 0.90 0.00	16.03 0.75 0.00	18.83 0.80 0.00	22.28 1.14 0.00	31.84 1.56 -0.28	39.68 2.02 -3.76	31.39 1.37 0.00	26.05 1.20 0.00	23.00 1.06 -0.79	23.64 1.09 -1.88	20.90 0.94 -1.18
RAMAPO___LBMP 323565	19.80 0.97 -0.87	19.87 0.66 -7.11	19.68 0.64 -8.34	20.39 0.60 -9.80	21.04 0.09 -19.48	23.66 0.74 -11.39	56.03 -0.52 -64.00	38.39 1.33 -18.26	32.18 1.10 -15.36	22.13 1.33 0.00	23.39 1.53 -0.13	21.14 1.38 -0.83	21.59 1.39 0.00	19.54 1.26 0.00	16.32 1.03 0.00	19.14 1.11 0.00	22.46 1.32 0.00	32.18 1.97 -0.21	38.99 2.29 -2.81	31.98 1.96 0.00	26.43 1.59 0.00	23.08 1.33 -0.59	23.41 1.33 -1.40	20.85 1.18 -0.88
RANKINE____ 23646	17.66 -0.56 -0.26	13.86 -0.35 -2.11	12.79 -0.34 -2.42	12.51 -0.32 -2.84	7.07 -0.04 -5.63	14.44 -0.38 -3.29	11.45 0.43 -18.47	23.32 -0.75 -5.27	19.50 -0.65 -4.43	20.12 -0.69 0.00	21.05 -0.70 -0.04	18.38 -0.78 -0.24	19.49 -0.70 0.00	17.56 -0.72 0.00	14.55 -0.73 0.00	16.97 -1.06 0.00	20.00 -1.14 0.00	28.54 -1.52 -0.06	33.20 -1.49 -0.79	28.71 -1.31 0.00	23.69 -1.16 0.00	20.15 -1.17 -0.16	19.95 -1.12 -0.39	17.95 -1.08 -0.25
RAVENSWOOD_GT2_1 24244	20.25 1.34 -0.95	20.73 0.88 -7.74	20.20 0.77 -8.72	20.95 0.71 -10.25	21.94 0.11 -20.37	24.29 0.85 -11.90	58.90 -0.56 -66.91	39.38 1.49 -19.09	33.03 1.26 -16.05	22.38 1.58 0.00	23.68 1.82 -0.14	21.47 1.68 -0.87	21.89 1.70 0.00	19.84 1.56 0.00	16.58 1.29 0.00	19.41 1.39 0.00	22.73 1.60 0.00	32.50 2.28 -0.22	39.44 2.61 -2.93	32.32 2.30 0.00	26.73 1.88 0.00	23.35 1.58 -0.61	23.72 1.58 -1.46	21.11 1.40 -0.92
RAVENSWOOD_GT2_2 24245	20.25 1.34 -0.95	20.73 0.88 -7.74	20.20 0.77 -8.72	20.95 0.71 -10.25	21.94 0.11 -20.37	24.29 0.85 -11.90	58.90 -0.56 -66.91	39.38 1.49 -19.09	33.03 1.26 -16.05	22.38 1.58 0.00	23.68 1.82 -0.14	21.47 1.68 -0.87	21.89 1.70 0.00	19.84 1.56 0.00	16.58 1.29 0.00	19.41 1.39 0.00	22.73 1.60 0.00	32.50 2.28 -0.22	39.44 2.61 -2.93	32.32 2.30 0.00	26.73 1.88 0.00	23.35 1.58 -0.61	23.72 1.58 -1.46	21.11 1.40 -0.92
RAVENSWOOD_GT2_3 24246	20.25 1.34 -0.95	20.73 0.89 -7.74	20.20 0.78 -8.72	20.95 0.72 -10.25	21.94 0.10 -20.37	24.29 0.85 -11.90	58.89 -0.56 -66.91	39.38 1.49 -19.09	33.04 1.26 -16.05	22.38 1.58 0.00	23.68 1.83 -0.14	21.47 1.68 -0.87	21.90 1.71 0.00	19.85 1.57 0.00	16.58 1.29 0.00	19.41 1.39 0.00	22.73 1.60 0.00	32.50 2.28 -0.22	39.45 2.62 -2.93	32.32 2.30 0.00	26.74 1.89 0.00	23.35 1.58 -0.61	23.72 1.58 -1.46	21.11 1.40 -0.92
RAVENSWOOD_GT2_4 24247	20.25 1.34 -0.95	20.73 0.89 -7.74	20.20 0.78 -8.72	20.95 0.72 -10.25	21.94 0.10 -20.37	24.29 0.85 -11.90	58.89 -0.56 -66.91	39.38 1.49 -19.09	33.04 1.26 -16.05	22.38 1.58 0.00	23.68 1.83 -0.14	21.47 1.68 -0.87	21.90 1.71 0.00	19.85 1.57 0.00	16.58 1.29 0.00	19.41 1.39 0.00	22.73 1.60 0.00	32.50 2.28 -0.22	39.45 2.62 -2.93	32.32 2.30 0.00	26.74 1.89 0.00	23.35 1.58 -0.61	23.72 1.58 -1.46	21.11 1.40 -0.92
RAVENSWOOD_GT3_1 24248	20.25 1.34 -0.95	20.73 0.89 -7.74	20.20 0.77 -8.72	20.95 0.72 -10.25	21.94 0.10 -20.37	24.29 0.85 -11.90	58.90 -0.56 -66.91	39.38 1.49 -19.09	33.04 1.26 -16.05	22.38 1.58 0.00	23.68 1.82 -0.14	21.47 1.68 -0.87	21.89 1.70 0.00	19.84 1.56 0.00	16.58 1.29 0.00	19.41 1.39 0.00	22.73 1.60 0.00	32.50 2.28 -0.22	39.43 2.60 -2.93	32.32 2.30 0.00	26.73 1.88 0.00	23.35 1.58 -0.61	23.72 1.58 -1.46	21.11 1.40 -0.92
RAVENSWOOD_GT3_2 24249	20.25 1.34 -0.95	20.73 0.89 -7.74	20.20 0.77 -8.72	20.95 0.72 -10.25	21.94 0.10 -20.37	24.29 0.85 -11.90	58.90 -0.56 -66.91	39.38 1.49 -19.09	33.04 1.26 -16.05	22.38 1.58 0.00	23.68 1.82 -0.14	21.47 1.68 -0.87	21.89 1.70 0.00	19.84 1.56 0.00	16.58 1.29 0.00	19.41 1.39 0.00	22.73 1.60 0.00	32.50 2.28 -0.22	39.43 2.60 -2.93	32.32 2.30 0.00	26.73 1.88 0.00	23.35 1.58 -0.61	23.72 1.58 -1.46	21.11 1.40 -0.92
RAVENSWOOD_GT3_3 24250	20.27 1.37 -0.95	20.74 0.90 -7.74	20.21 0.79 -8.72	20.97 0.73 -10.25	21.95 0.11 -20.37	24.30 0.86 -11.90	58.88 -0.58 -66.91	39.41 1.51 -19.09	33.06 1.28 -16.05	22.41 1.61 0.00	23.72 1.87 -0.14	21.50 1.71 -0.87	21.93 1.74 0.00	19.87 1.60 0.00	16.60 1.32 0.00	19.44 1.41 0.00	22.77 1.64 0.00	32.56 2.34 -0.22	39.50 2.66 -2.93	32.37 2.35 0.00	26.78 1.93 0.00	23.39 1.62 -0.61	23.75 1.61 -1.46	21.13 1.42 -0.92
RAVENSWOOD_GT3_4 24251	20.27 1.37 -0.95	20.74 0.90 -7.74	20.21 0.79 -8.72	20.97 0.73 -10.25	21.95 0.11 -20.37	24.30 0.86 -11.90	58.88 -0.58 -66.91	39.41 1.51 -19.09	33.06 1.28 -16.05	22.41 1.61 0.00	23.72 1.87 -0.14	21.50 1.71 -0.87	21.93 1.74 0.00	19.87 1.60 0.00	16.60 1.32 0.00	19.44 1.41 0.00	22.77 1.64 0.00	32.56 2.34 -0.22	39.50 2.66 -2.93	32.37 2.35 0.00	26.78 1.93 0.00	23.39 1.62 -0.61	23.75 1.61 -1.46	21.13 1.42 -0.92



RAVENSWOOD_GT_1 23729	20.29 1.38 -0.95	20.74 0.90 -7.74	20.22 0.79 -8.72	20.97 0.74 -10.25	21.95 0.11 -20.37	24.31 0.87 -11.90	58.90 -0.56 -66.91	39.40 1.51 -19.09	33.07 1.30 -16.05	22.43 1.62 0.00	23.72 1.86 -0.14	21.51 1.72 -0.87	21.93 1.74 0.00	19.90 1.62 0.00	16.63 1.34 0.00	19.45 1.42 0.00	22.76 1.63 0.00	32.51 2.29 -0.22	39.48 2.64 -2.93	32.39 2.37 0.00	26.78 1.93 0.00	23.40 1.63 -0.61	23.74 1.61 -1.46	21.13 1.42 -0.92
RAVENSWOOD_GT_10 24258	20.25 1.34 -0.95	20.73 0.89 -7.74	20.20 0.78 -8.72	20.95 0.72 -10.25	21.94 0.10 -20.37	24.29 0.85 -11.90	58.89 -0.56 -66.91	39.38 1.49 -19.09	33.04 1.26 -16.05	22.38 1.58 0.00	23.68 1.82 -0.14	21.47 1.68 -0.87	21.89 1.70 0.00	19.85 1.57 0.00	16.58 1.29 0.00	19.41 1.39 0.00	22.73 1.60 0.00	32.50 2.28 -0.22	39.44 2.61 -2.93	32.32 2.30 0.00	26.73 1.88 0.00	23.35 1.58 -0.61	23.72 1.58 -1.46	21.11 1.40 -0.92
RAVENSWOOD_GT_11 24259	20.25 1.34 -0.95	20.73 0.89 -7.74	20.20 0.78 -8.72	20.95 0.72 -10.25	21.94 0.10 -20.37	24.29 0.85 -11.90	58.89 -0.56 -66.91	39.38 1.49 -19.09	33.04 1.26 -16.05	22.38 1.58 0.00	23.68 1.82 -0.14	21.47 1.68 -0.87	21.89 1.70 0.00	19.85 1.57 0.00	16.58 1.29 0.00	19.41 1.39 0.00	22.73 1.60 0.00	32.50 2.28 -0.22	39.44 2.61 -2.93	32.32 2.30 0.00	26.73 1.88 0.00	23.35 1.58 -0.61	23.72 1.58 -1.46	21.11 1.40 -0.92
RAVENSWOOD_GT_4 24252	20.24 1.33 -0.95	20.73 0.88 -7.74	20.19 0.77 -8.72	20.95 0.71 -10.25	21.94 0.11 -20.37	24.29 0.84 -11.90	58.89 -0.57 -66.91	39.38 1.49 -19.09	33.02 1.25 -16.05	22.37 1.57 0.00	23.68 1.82 -0.14	21.46 1.67 -0.87	21.89 1.70 0.00	19.84 1.56 0.00	16.57 1.28 0.00	19.41 1.38 0.00	22.73 1.60 0.00	32.50 2.28 -0.22	39.44 2.60 -2.93	32.32 2.30 0.00	26.73 1.88 0.00	23.35 1.58 -0.61	23.72 1.58 -1.46	21.10 1.40 -0.92
RAVENSWOOD_GT_5 24254	20.24 1.33 -0.95	20.73 0.88 -7.74	20.19 0.77 -8.72	20.95 0.71 -10.25	21.94 0.11 -20.37	24.29 0.84 -11.90	58.89 -0.57 -66.91	39.38 1.49 -19.09	33.02 1.25 -16.05	22.37 1.57 0.00	23.68 1.82 -0.14	21.46 1.67 -0.87	21.89 1.70 0.00	19.84 1.56 0.00	16.57 1.28 0.00	19.41 1.38 0.00	22.73 1.60 0.00	32.50 2.28 -0.22	39.44 2.60 -2.93	32.32 2.30 0.00	26.73 1.88 0.00	23.35 1.58 -0.61	23.72 1.58 -1.46	21.10 1.40 -0.92
RAVENSWOOD_GT_6 24253	20.24 1.33 -0.95	20.73 0.88 -7.74	20.19 0.77 -8.72	20.95 0.71 -10.25	21.94 0.11 -20.37	24.29 0.84 -11.90	58.89 -0.57 -66.91	39.38 1.49 -19.09	33.02 1.25 -16.05	22.37 1.57 0.00	23.68 1.82 -0.14	21.46 1.67 -0.87	21.89 1.70 0.00	19.84 1.56 0.00	16.57 1.28 0.00	19.41 1.38 0.00	22.73 1.60 0.00	32.50 2.28 -0.22	39.44 2.60 -2.93	32.32 2.30 0.00	26.73 1.88 0.00	23.35 1.58 -0.61	23.72 1.58 -1.46	21.10 1.40 -0.92
RAVENSWOOD_GT_7 24255	20.24 1.33 -0.95	20.73 0.88 -7.74	20.19 0.77 -8.72	20.95 0.71 -10.25	21.94 0.11 -20.37	24.29 0.84 -11.90	58.89 -0.57 -66.91	39.38 1.49 -19.09	33.02 1.25 -16.05	22.37 1.57 0.00	23.68 1.82 -0.14	21.46 1.67 -0.87	21.89 1.70 0.00	19.84 1.56 0.00	16.57 1.28 0.00	19.41 1.38 0.00	22.73 1.60 0.00	32.50 2.28 -0.22	39.44 2.60 -2.93	32.32 2.30 0.00	26.73 1.88 0.00	23.35 1.58 -0.61	23.72 1.58 -1.46	21.10 1.40 -0.92
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	20.25 1.34 -0.95	20.73 0.89 -7.74	20.20 0.78 -8.72	20.95 0.72 -10.25	21.94 0.10 -20.37	24.29 0.85 -11.90	58.89 -0.56 -66.91	39.38 1.49 -19.09	33.04 1.26 -16.05	22.38 1.58 0.00	23.68 1.82 -0.14	21.47 1.68 -0.87	21.89 1.70 0.00	19.85 1.57 0.00	16.58 1.29 0.00	19.41 1.39 0.00	22.73 1.60 0.00	32.50 2.28 -0.22	39.44 2.61 -2.93	32.32 2.30 0.00	26.73 1.88 0.00	23.35 1.58 -0.61	23.72 1.58 -1.46	21.11 1.40 -0.92
RAVENSWOOD_GT_9 24257	20.25 1.34 -0.95	20.73 0.89 -7.74	20.20 0.78 -8.72	20.95 0.72 -10.25	21.94 0.10 -20.37	24.29 0.85 -11.90	58.89 -0.56 -66.91	39.38 1.49 -19.09	33.04 1.26 -16.05	22.38 1.58 0.00	23.68 1.82 -0.14	21.47 1.68 -0.87	21.89 1.70 0.00	19.85 1.57 0.00	16.58 1.29 0.00	19.41 1.39 0.00	22.73 1.60 0.00	32.50 2.28 -0.22	39.44 2.61 -2.93	32.32 2.30 0.00	26.73 1.88 0.00	23.35 1.58 -0.61	23.72 1.58 -1.46	21.11 1.40 -0.92
RAVENSWOOD___1 23533	20.29 1.38 -0.96	20.75 0.90 -7.74	20.21 0.79 -8.72	20.97 0.73 -10.25	21.95 0.11 -20.37	24.31 0.87 -11.90	58.90 -0.56 -66.91	39.40 1.51 -19.09	33.08 1.30 -16.05	22.43 1.63 0.00	23.71 1.86 -0.14	21.51 1.72 -0.87	21.93 1.74 0.00	19.90 1.62 0.00	16.63 1.34 0.00	19.45 1.42 0.00	22.76 1.63 0.00	32.51 2.29 -0.22	39.48 2.64 -2.93	32.39 2.37 0.00	26.78 1.94 0.00	23.40 1.63 -0.61	23.73 1.59 -1.46	21.13 1.42 -0.92
RAVENSWOOD___2 23534	20.29 1.38 -0.96	20.75 0.90 -7.74	20.21 0.79 -8.72	20.97 0.73 -10.25	21.95 0.11 -20.37	24.31 0.87 -11.90	58.90 -0.56 -66.91	39.40 1.51 -19.09	33.08 1.30 -16.05	22.43 1.63 0.00	23.71 1.86 -0.14	21.51 1.72 -0.87	21.93 1.74 0.00	19.90 1.62 0.00	16.63 1.34 0.00	19.45 1.42 0.00	22.76 1.63 0.00	32.51 2.29 -0.22	39.48 2.64 -2.93	32.39 2.37 0.00	26.78 1.94 0.00	23.40 1.63 -0.61	23.73 1.59 -1.46	21.13 1.42 -0.92
RAVENSWOOD___3 23535	20.24 1.33 -0.95	20.73 0.88 -7.74	20.19 0.77 -8.72	20.95 0.71 -10.25	21.94 0.10 -20.37	24.29 0.84 -11.90	58.89 -0.57 -66.91	39.38 1.49 -19.09	33.03 1.26 -16.05	22.38 1.58 0.00	23.68 1.82 -0.14	21.46 1.67 -0.87	21.89 1.70 0.00	19.84 1.56 0.00	16.57 1.29 0.00	19.41 1.38 0.00	22.73 1.60 0.00	32.50 2.28 -0.22	39.44 2.60 -2.93	32.32 2.30 0.00	26.73 1.89 0.00	23.35 1.58 -0.61	23.70 1.56 -1.46	21.11 1.40 -0.92
RAVENSWOOD___4 23820	20.29 1.38 -0.96	20.75 0.90 -7.74	20.21 0.79 -8.72	20.97 0.73 -10.25	21.95 0.11 -20.37	24.31 0.87 -11.90	58.90 -0.56 -66.91	39.40 1.51 -19.09	33.08 1.30 -16.05	22.43 1.63 0.00	23.71 1.86 -0.14	21.51 1.72 -0.87	21.93 1.74 0.00	19.90 1.62 0.00	16.63 1.34 0.00	19.45 1.42 0.00	22.76 1.63 0.00	32.51 2.29 -0.22	39.48 2.64 -2.93	32.39 2.37 0.00	26.78 1.94 0.00	23.40 1.63 -0.61	23.73 1.59 -1.46	21.13 1.42 -0.92
RCPI_TRUST___DRP 24196	20.27 1.36 -0.95	20.74 0.90 -7.74	20.21 0.79 -8.72	20.97 0.73 -10.25	21.94 0.11 -20.37	24.31 0.87 -11.90	58.87 -0.58 -66.90	39.41 1.52 -19.09	33.06 1.28 -16.05	22.42 1.62 0.00	23.73 1.87 -0.14	21.52 1.73 -0.87	21.95 1.76 0.00	19.89 1.61 0.00	16.62 1.33 0.00	19.46 1.43 0.00	22.77 1.64 0.00	32.57 2.36 -0.22	39.50 2.67 -2.93	32.39 2.37 0.00	26.79 1.94 0.00	23.39 1.62 -0.61	23.76 1.62 -1.46	21.14 1.43 -0.92
RED___ROCHESTER 323720	17.91 -0.27 -0.22	13.77 -0.15 -1.82	12.63 -0.15 -2.08	12.28 -0.15 -2.44	6.31 -0.01 -4.85	14.23 -0.15 -2.84	8.68 0.18 -15.94	23.08 -0.27 -4.55	19.31 -0.24 -3.83	20.55 -0.25 0.00	21.47 -0.27 -0.03	18.77 -0.36 -0.21	19.88 -0.31 0.00	17.95 -0.33 0.00	14.94 -0.34 0.00	17.54 -0.48 0.00	20.65 -0.49 0.00	29.39 -0.66 -0.05	34.05 -0.52 -0.68	29.50 -0.52 0.00	24.40 -0.45 0.00	20.79 -0.51 -0.14	20.48 -0.53 -0.34	18.41 -0.59 -0.21

REGAN____SOLAR 323812	20.50 1.13 -1.42	24.39 0.80 -11.49	24.53 0.72 -13.11	26.05 0.66 -15.41	32.18 0.08 -30.62	30.19 0.75 -17.89	92.60 -0.53 -100.58	48.67 1.17 -28.69	40.71 0.86 -24.13	21.08 0.27 0.00	22.26 0.33 -0.21	20.53 0.31 -1.31	20.50 0.30 0.00	18.49 0.21 0.00	15.50 0.21 0.00	18.53 0.50 0.00	22.33 1.19 0.00	32.93 2.61 -0.32	40.71 2.42 -4.39	32.34 2.32 0.00	26.47 1.62 0.00	23.48 1.40 -0.92	24.34 1.48 -2.19	21.47 1.30 -1.38
RENSSELAER____COGEN 23796	19.53 0.40 -1.17	21.93 0.31 -9.52	21.82 0.27 -10.84	22.98 0.24 -12.75	26.84 0.03 -25.34	26.61 0.26 -14.81	75.58 -0.18 -83.21	43.05 0.53 -23.72	36.09 0.42 -19.94	21.32 0.52 0.00	22.47 0.59 -0.17	20.49 0.49 -1.08	20.67 0.47 0.00	18.72 0.44 0.00	15.71 0.42 0.00	18.45 0.42 0.00	21.64 0.51 0.00	31.00 0.73 -0.27	38.42 0.89 -3.63	30.69 0.67 0.00	25.44 0.59 0.00	22.46 0.54 -0.76	22.99 0.50 -1.81	20.44 0.52 -1.14
REPUBLIC_115KV_BARTNBRK 55605	20.84 1.67 -1.22	23.14 1.16 -9.88	23.01 1.06 -11.25	24.21 0.99 -13.23	27.92 0.16 -26.29	28.18 1.28 -15.36	77.94 -0.95 -86.34	46.02 2.60 -24.63	38.25 1.82 -20.71	23.04 2.24 0.00	24.16 2.27 -0.18	21.89 1.85 -1.12	21.78 1.59 0.00	19.77 1.49 0.00	16.62 1.33 0.00	19.64 1.62 0.00	23.45 2.32 0.00	33.32 3.04 -0.28	41.42 3.76 -3.76	32.93 2.91 0.00	27.10 2.26 0.00	23.88 1.93 -0.79	24.45 1.91 -1.87	21.58 1.61 -1.18
REVERE_CPPR_DRP 24186	18.58 0.53 -0.10	13.23 0.33 -0.81	11.92 0.30 -0.92	11.37 0.30 -1.09	3.66 0.03 -2.16	13.09 0.29 -1.26	-0.67 -0.30 -7.08	21.51 0.69 -2.02	18.03 0.61 -1.70	21.45 0.65 0.00	22.24 0.51 -0.02	19.38 0.36 -0.09	20.47 0.28 0.00	18.50 0.22 0.00	15.46 0.17 0.00	18.24 0.21 0.00	21.62 0.48 0.00	30.91 0.89 -0.02	35.07 0.87 -0.30	29.88 0.82 0.96	24.28 0.50 1.07	20.62 0.40 0.95	20.23 0.41 0.85	18.28 0.29 0.80
REYNOLDS_115KV_TB3 80639	19.67 0.54 -1.18	22.04 0.40 -9.54	21.92 0.35 -10.86	23.08 0.32 -12.77	26.90 0.04 -25.38	26.74 0.37 -14.83	75.67 -0.24 -83.36	43.24 0.67 -23.77	36.24 0.53 -19.98	21.48 0.68 0.00	22.65 0.76 -0.17	20.65 0.64 -1.08	20.83 0.63 0.00	18.86 0.58 0.00	15.80 0.52 0.00	18.56 0.54 0.00	21.78 0.65 0.00	31.18 0.91 -0.27	38.65 1.11 -3.64	30.85 0.83 0.00	25.61 0.76 0.00	22.61 0.69 -0.76	23.15 0.66 -1.81	20.56 0.63 -1.14
RIVERBAY____ 323610	20.34 1.43 -0.95	20.78 0.94 -7.74	20.25 0.83 -8.72	21.02 0.78 -10.25	21.95 0.11 -20.37	24.32 0.88 -11.90	58.91 -0.55 -66.91	39.42 1.53 -19.09	33.14 1.37 -16.05	22.44 1.64 0.00	23.69 1.84 -0.14	21.48 1.70 -0.87	21.91 1.71 0.00	19.86 1.58 0.00	16.58 1.29 0.00	19.39 1.37 0.00	22.71 1.58 0.00	32.47 2.25 -0.22	39.46 2.63 -2.93	32.40 2.38 0.00	26.74 1.89 0.00	23.40 1.62 -0.61	23.74 1.60 -1.46	21.17 1.46 -0.92
RIVERSDE_115KV_TB3 55908	19.61 0.47 -1.18	22.02 0.36 -9.57	21.91 0.32 -10.89	23.08 0.29 -12.80	26.96 0.04 -25.45	26.73 0.32 -14.87	75.91 -0.21 -83.58	43.24 0.62 -23.82	36.24 0.49 -20.03	21.41 0.61 0.00	22.58 0.69 -0.18	20.58 0.58 -1.08	20.77 0.57 0.00	18.81 0.53 0.00	15.77 0.48 0.00	18.52 0.49 0.00	21.74 0.60 0.00	31.12 0.86 -0.27	38.58 1.03 -3.65	30.80 0.78 0.00	25.54 0.70 0.00	22.55 0.63 -0.76	23.09 0.60 -1.82	20.52 0.59 -1.15
ROARING____BROOK_WT_PWR 323790	17.30 -0.65 0.00	11.66 -0.44 0.00	10.32 -0.39 0.00	9.60 -0.39 0.00	1.40 -0.06 0.00	11.05 -0.49 0.00	-7.17 0.28 0.00	17.99 -0.81 0.00	14.98 -0.74 0.00	19.82 -0.98 0.00	20.74 -0.98 0.00	18.16 -0.76 0.00	19.38 -0.81 0.00	17.52 -0.76 0.00	14.68 -0.61 0.00	17.39 -0.64 0.00	20.30 -0.84 0.00	28.65 -1.35 0.00	32.28 -1.63 0.00	-27.58 -1.37 56.23	-39.00 -1.15 62.70	-39.00 -0.88 59.27	-39.00 -0.85 58.83	-34.23 -0.80 52.22
ROCHESRG_115KV_T4 355643	17.75 -0.43 -0.22	13.64 -0.26 -1.81	12.53 -0.25 -2.07	12.18 -0.24 -2.44	6.28 -0.03 -4.84	14.09 -0.27 -2.83	8.70 0.27 -15.88	22.84 -0.49 -4.53	19.12 -0.41 -3.81	20.32 -0.48 0.00	21.24 -0.51 -0.03	18.57 -0.55 -0.21	19.68 -0.52 0.00	17.76 -0.51 0.00	14.79 -0.50 0.00	17.35 -0.68 0.00	20.41 -0.73 0.00	29.06 -0.99 -0.05	33.65 -0.93 -0.67	29.17 -0.85 0.00	24.11 -0.74 0.00	20.55 -0.74 -0.14	20.26 -0.75 -0.34	18.24 -0.76 -0.21
ROCHESTER_9_IC 23652	17.84 -0.34 -0.22	13.71 -0.20 -1.82	12.59 -0.20 -2.08	12.23 -0.19 -2.44	6.30 -0.02 -4.85	14.17 -0.21 -2.84	8.72 0.22 -15.94	22.98 -0.37 -4.55	19.23 -0.31 -3.83	20.45 -0.35 0.00	21.37 -0.38 -0.03	18.68 -0.44 -0.21	19.79 -0.40 0.00	17.86 -0.42 0.00	14.87 -0.42 0.00	17.45 -0.57 0.00	20.54 -0.60 0.00	29.25 -0.81 -0.05	33.87 -0.71 -0.68	29.35 -0.67 0.00	24.26 -0.59 0.00	20.68 -0.62 -0.14	20.37 -0.65 -0.34	18.33 -0.67 -0.21
ROCKVIEW_13_KV_LD 356306	20.23 1.32 -0.95	20.73 0.88 -7.74	20.19 0.77 -8.72	20.96 0.72 -10.25	21.94 0.10 -20.37	24.30 0.86 -11.90	58.88 -0.58 -66.90	39.41 1.52 -19.09	33.06 1.28 -16.05	22.40 1.60 0.00	23.68 1.82 -0.14	21.44 1.65 -0.87	21.87 1.68 0.00	19.81 1.54 0.00	16.55 1.27 0.00	19.40 1.37 0.00	22.74 1.61 0.00	32.56 2.34 -0.22	39.54 2.70 -2.93	32.37 2.35 0.00	26.77 1.92 0.00	23.38 1.61 -0.61	23.73 1.60 -1.46	21.12 1.42 -0.92
ROME____115KV_TB2 80656	18.58 0.53 -0.10	13.23 0.33 -0.81	11.92 0.30 -0.92	11.37 0.30 -1.09	3.66 0.03 -2.16	13.09 0.29 -1.26	-0.67 -0.30 -7.08	21.51 0.69 -2.02	18.03 0.61 -1.70	21.45 0.65 0.00	22.24 0.51 -0.02	19.38 0.36 -0.09	20.47 0.28 0.00	18.50 0.22 0.00	15.46 0.17 0.00	18.24 0.21 0.00	21.62 0.48 0.00	30.91 0.89 -0.02	35.07 0.87 -0.30	29.88 0.82 0.96	24.28 0.50 1.07	20.62 0.40 0.95	20.23 0.41 0.85	18.28 0.29 0.80
ROSETON____1 23587	19.91 1.01 -0.94	20.42 0.68 -7.64	20.03 0.61 -8.72	20.80 0.57 -10.25	21.92 0.08 -20.37	24.13 0.69 -11.90	58.98 -0.46 -66.89	39.10 1.21 -19.09	32.78 1.01 -16.05	22.05 1.25 0.00	23.28 1.43 -0.14	21.08 1.29 -0.87	21.50 1.30 0.00	19.46 1.18 0.00	16.26 0.97 0.00	19.08 1.05 0.00	22.38 1.25 0.00	32.04 1.82 -0.22	38.97 2.13 -2.93	31.84 1.82 0.00	26.34 1.49 0.00	23.03 1.26 -0.61	23.38 1.24 -1.46	20.82 1.11 -0.92
ROSETON____2 23588	19.91 1.01 -0.94	20.42 0.68 -7.64	20.03 0.61 -8.72	20.80 0.57 -10.25	21.92 0.08 -20.37	24.13 0.69 -11.90	58.98 -0.46 -66.89	39.10 1.21 -19.09	32.78 1.01 -16.05	22.05 1.25 0.00	23.28 1.43 -0.14	21.08 1.29 -0.87	21.50 1.30 0.00	19.46 1.18 0.00	16.26 0.97 0.00	19.08 1.05 0.00	22.38 1.25 0.00	32.04 1.82 -0.22	38.97 2.13 -2.93	31.84 1.82 0.00	26.34 1.49 0.00	23.03 1.26 -0.61	23.38 1.24 -1.46	20.82 1.11 -0.92
ROTTDRAM_115KV_TB3 80664	19.86 0.67 -1.23	22.54 0.46 -9.98	22.49 0.42 -11.37	23.74 0.39 -13.37	28.09 0.06 -26.57	27.54 0.47 -15.52	79.47 -0.33 -87.25	44.53 0.84 -24.89	37.35 0.70 -20.93	21.65 0.85 0.00	22.80 0.90 -0.18	20.81 0.76 -1.13	20.95 0.76 0.00	18.95 0.68 0.00	15.85 0.57 0.00	18.65 0.62 0.00	21.93 0.80 0.00	31.49 1.21 -0.28	39.12 1.41 -3.80	31.17 1.15 0.00	25.81 0.97 0.00	22.79 0.83 -0.80	23.41 0.84 -1.90	20.72 0.74 -1.20

RUSSELL___1 23602	17.91 -0.27 -0.22	13.76 -0.16 -1.82	12.62 -0.16 -2.08	12.27 -0.16 -2.44	6.31 -0.01 -4.85	14.23 -0.15 -2.84	8.68 0.19 -15.94	23.09 -0.27 -4.55	19.31 -0.23 -3.83	20.55 -0.25 0.00	21.47 -0.27 -0.03	18.77 -0.36 -0.21	19.88 -0.31 0.00	17.95 -0.33 0.00	14.94 -0.34 0.00	17.54 -0.48 0.00	20.65 -0.49 0.00	29.39 -0.66 -0.05	34.06 -0.52 -0.68	29.49 -0.53 0.00	24.40 -0.45 0.00	20.78 -0.52 -0.14	20.45 -0.56 -0.34	18.40 -0.60 -0.21
RUSSELL___2 23532	17.91 -0.27 -0.22	13.76 -0.16 -1.82	12.62 -0.16 -2.08	12.27 -0.16 -2.44	6.31 -0.01 -4.85	14.23 -0.15 -2.84	8.68 0.19 -15.94	23.09 -0.27 -4.55	19.31 -0.23 -3.83	20.55 -0.25 0.00	21.47 -0.27 -0.03	18.77 -0.36 -0.21	19.88 -0.31 0.00	17.95 -0.33 0.00	14.94 -0.34 0.00	17.54 -0.48 0.00	20.65 -0.49 0.00	29.39 -0.66 -0.05	34.06 -0.52 -0.68	29.49 -0.53 0.00	24.40 -0.45 0.00	20.78 -0.52 -0.14	20.45 -0.56 -0.34	18.40 -0.60 -0.21
RUSSELL___3 23549	17.91 -0.27 -0.22	13.76 -0.16 -1.82	12.62 -0.16 -2.08	12.27 -0.16 -2.44	6.31 -0.01 -4.85	14.23 -0.15 -2.84	8.68 0.19 -15.94	23.09 -0.27 -4.55	19.31 -0.23 -3.83	20.55 -0.25 0.00	21.47 -0.27 -0.03	18.77 -0.36 -0.21	19.88 -0.31 0.00	17.95 -0.33 0.00	14.94 -0.34 0.00	17.54 -0.48 0.00	20.65 -0.49 0.00	29.39 -0.66 -0.05	34.06 -0.52 -0.68	29.49 -0.53 0.00	24.40 -0.45 0.00	20.78 -0.52 -0.14	20.45 -0.56 -0.34	18.40 -0.60 -0.21
RUSSELL___4 23556	17.91 -0.27 -0.22	13.76 -0.16 -1.82	12.62 -0.16 -2.08	12.27 -0.16 -2.44	6.31 -0.01 -4.85	14.23 -0.15 -2.84	8.68 0.19 -15.94	23.09 -0.27 -4.55	19.31 -0.23 -3.83	20.55 -0.25 0.00	21.47 -0.27 -0.03	18.77 -0.36 -0.21	19.88 -0.31 0.00	17.95 -0.33 0.00	14.94 -0.34 0.00	17.54 -0.48 0.00	20.65 -0.49 0.00	29.39 -0.66 -0.05	34.06 -0.52 -0.68	29.49 -0.53 0.00	24.40 -0.45 0.00	20.78 -0.52 -0.14	20.45 -0.56 -0.34	18.40 -0.60 -0.21
RUSSELL___STATION 23914	17.91 -0.27 -0.22	13.76 -0.16 -1.82	12.62 -0.16 -2.08	12.27 -0.16 -2.44	6.31 -0.01 -4.85	14.23 -0.15 -2.84	8.68 0.19 -15.94	23.09 -0.27 -4.55	19.31 -0.23 -3.83	20.55 -0.25 0.00	21.47 -0.27 -0.03	18.77 -0.36 -0.21	19.88 -0.31 0.00	17.95 -0.33 0.00	14.94 -0.34 0.00	17.54 -0.48 0.00	20.65 -0.49 0.00	29.39 -0.66 -0.05	34.06 -0.52 -0.68	29.49 -0.53 0.00	24.40 -0.45 0.00	20.78 -0.52 -0.14	20.45 -0.56 -0.34	18.40 -0.60 -0.21
S SALMON___HYD 24043	17.78 -0.33 -0.15	13.06 -0.27 -1.23	11.87 -0.24 -1.41	11.44 -0.20 -1.65	4.72 -0.03 -3.29	13.21 -0.24 -1.92	3.46 0.12 -10.79	21.58 -0.30 -3.08	18.05 -0.26 -2.59	20.43 -0.37 0.00	21.21 -0.52 -0.02	18.78 -0.30 -0.15	19.83 -0.36 0.00	17.86 -0.42 0.00	14.88 -0.41 0.00	17.45 -0.58 0.00	20.56 -0.73 0.00	29.30 -0.76 -0.03	33.61 -0.76 -0.47	26.50 -0.74 2.79	21.12 -0.62 3.11	17.81 -0.51 2.84	17.47 -0.52 2.68	15.82 -0.52 2.44
S.PERRY___115KV_TB1 80734	18.29 0.06 -0.27	14.30 0.02 -2.19	13.18 -0.03 -2.50	12.90 -0.03 -2.94	7.34 0.00 -5.87	14.93 -0.05 -3.43	11.95 0.10 -19.30	24.29 -0.02 -5.51	20.31 -0.04 -4.63	20.53 -0.27 0.00	21.36 -0.39 -0.04	18.59 -0.58 -0.25	19.63 -0.56 0.00	17.70 -0.58 0.00	14.69 -0.60 0.00	17.22 -0.80 0.00	20.49 -0.64 0.00	29.60 -0.46 -0.06	34.46 -0.26 -0.82	29.86 -0.16 0.00	24.51 -0.34 0.00	20.87 -0.45 -0.17	20.64 -0.44 -0.41	18.54 -0.50 -0.26
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	17.46 -0.75 -0.25	13.70 -0.46 -2.07	12.64 -0.43 -2.37	12.35 -0.42 -2.78	6.93 -0.05 -5.51	14.25 -0.50 -3.22	11.17 0.53 -18.09	22.95 -1.01 -5.16	19.21 -0.85 -4.34	19.87 -0.92 0.00	20.80 -0.95 -0.04	18.17 -0.98 -0.23	19.29 -0.91 0.00	17.38 -0.90 0.00	14.41 -0.88 0.00	16.79 -1.24 0.00	19.76 -1.38 0.00	28.17 -1.88 -0.06	32.79 -1.88 -0.77	28.37 -1.65 0.00	23.43 -1.41 0.00	19.94 -1.38 -0.16	19.73 -1.33 -0.38	17.74 -1.28 -0.24
SAWYER___23_KV_LOAD 55526	17.46 -0.75 -0.25	13.70 -0.46 -2.07	12.64 -0.43 -2.37	12.35 -0.42 -2.78	6.93 -0.05 -5.51	14.25 -0.50 -3.22	11.17 0.53 -18.09	22.95 -1.01 -5.16	19.21 -0.85 -4.34	19.87 -0.92 0.00	20.80 -0.95 -0.04	18.17 -0.98 -0.23	19.29 -0.91 0.00	17.38 -0.90 0.00	14.41 -0.88 0.00	16.79 -1.24 0.00	19.76 -1.38 0.00	28.17 -1.88 -0.06	32.79 -1.88 -0.77	28.37 -1.65 0.00	23.43 -1.41 0.00	19.94 -1.38 -0.16	19.73 -1.33 -0.38	17.74 -1.28 -0.24
SELKIRK___I 23801	19.75 0.64 -1.15	21.90 0.46 -9.35	21.75 0.40 -10.65	22.87 0.37 -12.52	26.40 0.05 -24.88	26.51 0.43 -14.54	73.97 -0.29 -81.70	42.83 0.71 -23.32	35.93 0.60 -19.61	21.57 0.76 0.00	22.67 0.78 -0.17	20.64 0.66 -1.06	20.86 0.66 0.00	18.88 0.60 0.00	15.83 0.54 0.00	18.61 0.58 0.00	21.86 0.73 0.00	31.32 1.05 -0.26	38.71 1.24 -3.57	31.02 1.00 0.00	25.70 0.86 0.00	22.66 0.75 -0.75	23.17 0.71 -1.78	20.59 0.68 -1.12
SELKIRK___II 23799	19.65 0.53 -1.17	21.94 0.38 -9.46	21.81 0.33 -10.78	22.96 0.31 -12.67	26.69 0.04 -25.18	26.60 0.35 -14.71	75.02 -0.23 -82.70	43.01 0.61 -23.60	36.08 0.51 -19.85	21.44 0.64 0.00	22.58 0.69 -0.17	20.58 0.59 -1.07	20.78 0.58 0.00	18.81 0.53 0.00	15.76 0.48 0.00	18.52 0.50 0.00	21.74 0.61 0.00	31.15 0.88 -0.27	38.57 1.05 -3.62	30.85 0.83 0.00	25.57 0.72 0.00	22.55 0.64 -0.76	23.09 0.61 -1.80	20.51 0.59 -1.14
SENECA OSWGO___HYD 24041	17.86 -0.26 -0.17	13.27 -0.19 -1.36	12.09 -0.17 -1.56	11.66 -0.16 -1.83	5.09 -0.02 -3.64	13.48 -0.19 -2.13	4.63 0.13 -11.96	21.93 -0.28 -3.41	18.36 -0.23 -2.87	20.46 -0.34 0.00	21.40 -0.34 -0.03	19.13 0.04 -0.17	20.21 0.02 0.00	18.26 -0.02 0.00	15.18 -0.11 0.00	17.65 -0.38 0.00	20.76 -0.37 0.00	29.56 -0.48 -0.04	33.88 -0.54 -0.53	29.54 -0.48 0.00	24.43 -0.42 0.00	20.91 -0.35 -0.11	20.59 -0.34 -0.26	18.59 -0.36 -0.16
SENECA___115KV_TB3 355854	17.68 -0.53 -0.26	13.88 -0.33 -2.11	12.80 -0.32 -2.42	12.52 -0.30 -2.84	7.06 -0.03 -5.63	14.46 -0.36 -3.29	11.45 0.42 -18.47	23.35 -0.72 -5.27	19.52 -0.63 -4.43	20.15 -0.66 0.00	21.09 -0.67 -0.04	18.41 -0.76 -0.24	19.53 -0.67 0.00	17.59 -0.69 0.00	14.58 -0.71 0.00	16.99 -1.03 0.00	20.03 -1.11 0.00	28.58 -1.47 -0.06	33.25 -1.44 -0.79	28.76 -1.26 0.00	23.73 -1.12 0.00	20.19 -1.13 -0.16	19.98 -1.08 -0.39	17.98 -1.06 -0.25
SENECA___ENERGY 23797	18.09 -0.10 -0.23	13.91 -0.08 -1.89	12.79 -0.08 -2.17	12.46 -0.07 -2.55	6.53 0.00 -5.07	14.45 -0.05 -2.96	9.26 0.06 -16.65	23.54 -0.02 -4.75	19.69 -0.03 -4.00	20.73 -0.08 0.00	21.63 -0.12 -0.04	18.98 -0.15 -0.21	20.04 -0.15 0.00	18.12 -0.16 0.00	15.10 -0.19 0.00	17.71 -0.31 0.00	20.77 -0.36 0.00	29.59 -0.46 -0.05	34.14 -0.44 -0.68	29.68 -0.34 0.00	24.52 -0.33 0.00	20.92 -0.39 -0.14	20.65 -0.36 -0.34	18.62 -0.38 -0.21
SHOEMAKER___GT 23640	19.66 0.88 -0.83	19.46 0.58 -6.78	19.12 0.54 -7.88	19.75 0.50 -9.26	19.95 0.08 -18.41	22.93 0.63 -10.76	52.58 -0.42 -60.45	37.17 1.11 -17.25	31.13 0.91 -14.50	21.92 1.11 0.00	23.07 1.23 -0.13	20.80 1.10 -0.78	21.29 1.09 0.00	19.27 0.99 0.00	16.10 0.81 0.00	18.91 0.88 0.00	22.22 1.08 0.00	31.80 1.60 -0.19	38.46 1.91 -2.65	31.63 1.61 0.00	26.20 1.35 0.00	22.85 1.14 -0.55	23.09 1.09 -1.32	20.59 0.98 -0.83

SHOEMAKR_138KV_BK 111 55601	19.64 0.86 -0.83	19.40 0.58 -6.73	19.05 0.53 -7.81	19.68 0.50 -9.19	19.80 0.08 -18.26	22.83 0.62 -10.67	52.11 -0.42 -59.98	37.02 1.10 -17.11	31.02 0.91 -14.39	21.91 1.11 0.00	23.08 1.24 -0.13	20.80 1.10 -0.78	21.30 1.10 0.00	19.28 1.00 0.00	16.11 0.82 0.00	18.92 0.89 0.00	22.21 1.08 0.00	31.80 1.61 -0.19	38.43 1.90 -2.63	31.64 1.61 0.00	26.18 1.34 0.00	22.84 1.13 -0.55	23.09 1.10 -1.31	20.59 0.98 -0.83
SHOREHAM_IC_1 23715	20.63 1.72 -0.95	21.03 1.19 -7.74	20.46 1.03 -8.72	21.23 1.00 -10.24	21.95 0.12 -20.36	24.40 0.96 -11.90	58.69 -0.74 -66.88	39.69 1.81 -19.08	33.47 1.70 -16.05	22.57 1.76 0.00	23.81 1.96 -0.14	21.65 1.87 -0.87	22.15 1.95 0.00	20.03 1.75 0.00	16.71 1.42 0.00	19.43 1.41 0.00	22.82 1.69 0.00	33.22 3.01 -0.22	40.19 3.36 -2.93	33.13 3.11 0.00	26.90 2.06 0.00	23.46 1.69 -0.61	23.89 1.75 -1.46	21.44 1.73 -0.92
SHOREHAM_IC_2 23716	20.63 1.72 -0.95	21.03 1.19 -7.74	20.46 1.03 -8.72	21.23 1.00 -10.24	21.95 0.12 -20.36	24.40 0.96 -11.90	58.69 -0.74 -66.88	39.69 1.81 -19.08	33.47 1.70 -16.05	22.57 1.76 0.00	23.81 1.96 -0.14	21.65 1.87 -0.87	22.15 1.95 0.00	20.03 1.75 0.00	16.71 1.42 0.00	19.43 1.41 0.00	22.82 1.69 0.00	33.22 3.01 -0.22	40.19 3.36 -2.93	33.13 3.11 0.00	26.90 2.06 0.00	23.46 1.69 -0.61	23.89 1.75 -1.46	21.44 1.73 -0.92
SISSONVILLE____ 23735	17.73 -0.25 -0.03	12.14 -0.20 -0.25	10.80 -0.18 -0.28	10.16 -0.15 -0.33	2.09 -0.03 -0.65	11.69 -0.23 -0.38	-5.25 0.06 -2.15	19.05 -0.36 -0.61	15.98 -0.26 -0.51	20.48 -0.32 0.00	21.24 -0.47 0.00	18.51 -0.45 -0.03	19.77 -0.42 0.00	17.85 -0.42 0.00	15.01 -0.28 0.00	17.81 -0.22 0.00	20.75 -0.39 0.00	29.58 -0.43 -0.01	33.41 -0.58 -0.09	0.38 -0.64 29.01	-8.75 -0.50 33.10	-10.77 -0.46 31.46	-11.05 -0.51 31.22	-8.90 -0.40 27.29
SITHE_IND_GS1 24169	17.65 -0.45 -0.14	12.96 -0.30 -1.17	11.76 -0.27 -1.34	11.30 -0.25 -1.57	4.55 -0.04 -3.12	13.06 -0.31 -1.82	3.00 0.21 -10.24	21.22 -0.50 -2.92	17.77 -0.40 -2.46	20.25 -0.56 0.00	21.15 -0.59 -0.02	18.50 -0.55 -0.13	19.60 -0.60 0.00	17.73 -0.55 0.00	14.81 -0.48 0.00	17.46 -0.57 0.00	20.52 -0.61 0.00	29.19 -0.85 -0.03	33.42 -0.94 -0.46	29.19 -0.83 0.00	24.15 -0.69 0.00	20.67 -0.58 -0.10	20.35 -0.56 -0.23	18.39 -0.54 -0.15
SITHE_IND_GS2 24170	17.65 -0.45 -0.14	12.96 -0.30 -1.17	11.76 -0.27 -1.34	11.30 -0.25 -1.57	4.55 -0.04 -3.12	13.06 -0.31 -1.82	3.00 0.21 -10.24	21.22 -0.50 -2.92	17.77 -0.40 -2.46	20.25 -0.56 0.00	21.15 -0.59 -0.02	18.50 -0.55 -0.13	19.60 -0.60 0.00	17.73 -0.55 0.00	14.81 -0.48 0.00	17.46 -0.57 0.00	20.52 -0.61 0.00	29.19 -0.85 -0.03	33.42 -0.94 -0.46	29.19 -0.83 0.00	24.15 -0.69 0.00	20.67 -0.58 -0.10	20.35 -0.56 -0.23	18.39 -0.54 -0.15
SITHE_IND_GS3 24171	17.65 -0.45 -0.14	12.96 -0.30 -1.17	11.76 -0.27 -1.34	11.30 -0.25 -1.57	4.55 -0.04 -3.12	13.06 -0.31 -1.82	3.00 0.21 -10.24	21.22 -0.50 -2.92	17.77 -0.40 -2.46	20.25 -0.56 0.00	21.15 -0.59 -0.02	18.50 -0.55 -0.13	19.60 -0.60 0.00	17.73 -0.55 0.00	14.81 -0.48 0.00	17.46 -0.57 0.00	20.52 -0.61 0.00	29.19 -0.85 -0.03	33.42 -0.94 -0.46	29.19 -0.83 0.00	24.15 -0.69 0.00	20.67 -0.58 -0.10	20.35 -0.56 -0.23	18.39 -0.54 -0.15
SITHE_IND_GS4 24172	17.65 -0.45 -0.14	12.96 -0.30 -1.17	11.76 -0.27 -1.34	11.30 -0.25 -1.57	4.55 -0.04 -3.12	13.06 -0.31 -1.82	3.00 0.21 -10.24	21.22 -0.50 -2.92	17.77 -0.40 -2.46	20.25 -0.56 0.00	21.15 -0.59 -0.02	18.50 -0.55 -0.13	19.60 -0.60 0.00	17.73 -0.55 0.00	14.81 -0.48 0.00	17.46 -0.57 0.00	20.52 -0.61 0.00	29.19 -0.85 -0.03	33.42 -0.94 -0.46	29.19 -0.83 0.00	24.15 -0.69 0.00	20.67 -0.58 -0.10	20.35 -0.56 -0.23	18.39 -0.54 -0.15
SITHE____BATAVIA 24024	17.95 -0.24 -0.24	13.91 -0.13 -1.94	12.79 -0.14 -2.22	12.47 -0.13 -2.61	6.64 -0.01 -5.18	14.40 -0.16 -3.02	9.79 0.24 -17.00	23.32 -0.33 -4.85	19.54 -0.26 -4.08	20.49 -0.31 0.00	21.33 -0.41 -0.04	18.59 -0.55 -0.22	19.69 -0.50 0.00	17.74 -0.54 0.00	14.76 -0.53 0.00	17.32 -0.70 0.00	20.43 -0.70 0.00	29.21 -0.84 -0.05	33.91 -0.71 -0.72	29.40 -0.62 0.00	24.25 -0.60 0.00	20.62 -0.69 -0.15	20.39 -0.64 -0.36	18.29 -0.72 -0.23
SITHE____INDEPEND 23800	17.65 -0.45 -0.14	12.96 -0.31 -1.17	11.76 -0.28 -1.34	11.30 -0.26 -1.57	4.55 -0.04 -3.12	13.06 -0.31 -1.82	3.00 0.21 -10.24	21.22 -0.50 -2.92	17.77 -0.40 -2.46	20.25 -0.56 0.00	21.15 -0.59 -0.02	18.50 -0.55 -0.13	19.60 -0.60 0.00	17.73 -0.55 0.00	14.81 -0.48 0.00	17.46 -0.57 0.00	20.52 -0.61 0.00	29.19 -0.85 -0.03	33.42 -0.94 -0.46	29.18 -0.84 0.00	24.15 -0.69 0.00	20.67 -0.59 -0.10	20.34 -0.56 -0.23	18.39 -0.54 -0.15
SITHE____MASSENA 23902	17.85 -0.10 0.00	12.02 -0.08 0.00	10.63 -0.07 0.00	9.92 -0.07 0.00	1.45 -0.02 0.00	11.43 -0.11 0.00	-7.41 0.03 0.00	18.60 -0.20 0.00	15.55 -0.17 0.00	20.62 -0.18 0.00	21.46 -0.26 0.00	18.70 -0.22 0.00	20.02 -0.17 0.00	18.13 -0.15 0.00	15.20 -0.08 0.00	18.00 -0.02 0.00	20.99 -0.14 0.00	29.81 -0.20 0.00	33.61 -0.29 0.00	-6.56 -0.27 36.32	-16.02 -0.23 40.64	-17.51 -0.21 38.46	-17.71 -0.21 38.17	-15.17 -0.15 33.80
SITHE____OGDNSBRG 24021	18.05 0.07 -0.02	12.32 0.03 -0.19	10.94 0.02 -0.22	10.27 0.02 -0.26	1.98 0.00 -0.52	11.84 0.00 -0.30	-5.82 -0.08 -1.71	19.33 0.04 -0.49	16.18 0.05 -0.41	20.81 0.01 0.00	21.56 -0.16 0.00	18.80 -0.14 -0.02	20.13 -0.06 0.00	18.24 -0.04 0.00	15.31 0.03 0.00	18.19 0.16 0.00	21.22 0.08 0.00	30.22 0.21 -0.01	34.13 0.16 -0.07	-1.72 0.11 31.85	-11.11 0.07 36.03	-12.99 0.02 34.18	-13.25 -0.02 33.91	-11.02 0.01 29.81
SITHE____STERLING 23777	18.51 0.44 -0.11	13.32 0.29 -0.93	12.03 0.26 -1.07	11.49 0.25 -1.25	3.99 0.03 -2.49	13.26 0.26 -1.46	0.49 -0.25 -8.18	21.73 0.59 -2.33	18.20 0.52 -1.96	21.34 0.54 0.00	22.17 0.43 -0.02	19.34 0.31 -0.11	20.44 0.25 0.00	18.48 0.20 0.00	15.43 0.15 0.00	18.20 0.17 0.00	21.53 0.40 0.00	30.76 0.73 -0.02	34.96 0.72 -0.34	30.71 0.69 0.00	25.27 0.42 0.00	21.57 0.34 -0.07	21.20 0.36 -0.17	19.15 0.26 -0.11
SLEIGHT__34_KV_TB1 80719	17.89 -0.29 -0.22	13.72 -0.18 -1.80	12.59 -0.18 -2.07	12.24 -0.17 -2.43	6.28 -0.02 -4.83	14.18 -0.18 -2.82	8.56 0.15 -15.85	23.08 -0.25 -4.52	19.34 -0.18 -3.80	20.53 -0.27 0.00	21.45 -0.30 -0.03	18.76 -0.37 -0.20	19.84 -0.36 0.00	17.91 -0.37 0.00	14.92 -0.36 0.00	17.54 -0.48 0.00	20.64 -0.49 0.00	29.42 -0.63 -0.05	33.94 -0.63 -0.67	29.47 -0.55 0.00	24.32 -0.53 0.00	20.74 -0.56 -0.14	20.46 -0.55 -0.33	18.42 -0.57 -0.21
SOUTH CAIRO____GT 23612	20.16 1.10 -1.11	21.82 0.74 -8.98	21.59 0.65 -10.23	22.62 0.60 -12.03	25.48 0.10 -23.91	26.26 0.75 -13.97	70.56 -0.52 -78.53	42.63 1.42 -22.40	35.70 1.14 -18.84	22.25 1.45 0.00	23.05 1.17 -0.16	20.80 0.86 -1.02	21.05 0.86 0.00	19.05 0.77 0.00	16.00 0.71 0.00	18.93 0.90 0.00	22.37 1.23 0.00	32.20 1.95 -0.25	39.82 2.48 -3.44	32.05 2.03 0.00	26.57 1.72 0.00	23.32 1.44 -0.72	23.69 1.31 -1.71	21.07 1.21 -1.08

SOUTH HAMPTN___IC 23720	20.92 2.01 -0.95	21.22 1.38 -7.74	20.63 1.21 -8.72	21.38 1.15 -10.24	21.99 0.15 -20.36	24.64 1.21 -11.90	58.55 -0.88 -66.88	40.11 2.22 -19.08	33.77 2.00 -16.05	23.03 2.22 0.00	24.30 2.44 -0.14	22.06 2.27 -0.87	22.56 2.37 0.00	20.40 2.12 0.00	17.03 1.74 0.00	19.83 1.81 0.00	23.31 2.17 0.00	33.78 3.56 -0.22	41.00 4.17 -2.93	33.70 3.68 0.00	27.54 2.69 0.00	23.98 2.20 -0.61	24.28 2.15 -1.46	21.76 2.06 -0.92
SOUTHDOW_115KV_TB1 355954	18.19 -0.04 -0.27	14.29 -0.01 -2.21	13.18 -0.05 -2.52	12.93 -0.03 -2.97	7.33 0.01 -5.85	14.94 -0.01 -3.41	11.83 0.13 -19.16	24.32 0.06 -5.47	20.30 -0.02 -4.60	20.86 0.06 0.00	21.91 0.15 -0.04	19.13 -0.04 -0.25	20.26 0.07 0.00	18.22 -0.06 0.00	15.09 -0.19 0.00	17.61 -0.41 0.00	20.74 -0.39 0.00	29.64 -0.42 -0.06	34.51 -0.21 -0.82	29.77 -0.25 0.00	24.52 -0.33 0.00	20.85 -0.48 -0.17	20.63 -0.45 -0.41	18.63 -0.41 -0.26
SOUTHOLD_69_KV_BK 2 55809	21.13 2.22 -0.95	21.36 1.52 -7.74	20.75 1.33 -8.72	21.51 1.27 -10.24	22.00 0.17 -20.36	24.79 1.35 -11.90	58.45 -0.99 -66.88	40.36 2.48 -19.08	33.97 2.20 -16.05	23.30 2.50 0.00	24.60 2.74 -0.14	22.30 2.51 -0.87	22.81 2.62 0.00	20.62 2.34 0.00	17.22 1.93 0.00	20.07 2.04 0.00	23.61 2.47 0.00	34.19 3.97 -0.22	41.54 4.71 -2.93	34.13 4.11 0.00	27.92 3.08 0.00	24.29 2.52 -0.61	24.58 2.44 -1.46	21.98 2.28 -0.92
SOUTHOLD___IC 23719	21.13 2.22 -0.95	21.36 1.52 -7.74	20.75 1.33 -8.72	21.50 1.27 -10.24	22.00 0.17 -20.36	24.79 1.35 -11.90	58.45 -0.99 -66.88	40.37 2.48 -19.08	33.98 2.21 -16.05	23.30 2.50 0.00	24.60 2.74 -0.14	22.30 2.51 -0.87	22.81 2.62 0.00	20.62 2.34 0.00	17.22 1.93 0.00	20.07 2.04 0.00	23.61 2.47 0.00	34.19 3.98 -0.22	41.54 4.70 -2.93	34.13 4.11 0.00	27.92 3.07 0.00	24.29 2.52 -0.61	24.54 2.41 -1.46	21.98 2.28 -0.92
SOUTH_FORK_WT_PWR 323839	21.19 2.27 -0.95	21.40 1.56 -7.74	20.78 1.36 -8.72	21.53 1.30 -10.24	22.01 0.18 -20.36	24.85 1.41 -11.90	58.41 -1.02 -66.88	40.46 2.57 -19.08	34.03 2.26 -16.05	23.41 2.61 0.00	24.73 2.87 -0.14	22.41 2.63 -0.87	22.93 2.73 0.00	20.73 2.45 0.00	17.30 2.02 0.00	20.17 2.15 0.00	23.74 2.60 0.00	34.30 4.08 -0.22	41.75 4.92 -2.93	34.24 4.22 0.00	28.08 3.23 0.00	24.42 2.65 -0.61	24.66 2.52 -1.46	22.05 2.35 -0.92
SPIERFLS_115KV_TB 1 80737	19.78 0.60 -1.22	22.44 0.45 -9.89	22.44 0.47 -11.27	23.68 0.45 -13.24	27.87 0.08 -26.32	27.54 0.62 -15.38	78.54 -0.45 -86.45	44.63 1.17 -24.66	37.34 0.88 -20.74	21.94 1.14 0.00	23.03 1.14 -0.18	20.98 0.94 -1.12	21.06 0.87 0.00	18.97 0.69 0.00	15.86 0.57 0.00	18.58 0.56 0.00	21.94 0.80 0.00	31.40 1.12 -0.28	39.12 1.46 -3.76	30.95 0.93 0.00	25.71 0.86 0.00	22.72 0.77 -0.79	23.42 0.87 -1.88	20.72 0.74 -1.18
ST LAWRENCE___ 23600	17.68 -0.28 0.00	11.90 -0.20 0.00	10.53 -0.17 0.00	9.82 -0.17 0.00	1.44 -0.03 0.00	11.33 -0.21 0.00	-7.33 0.12 0.00	18.41 -0.39 0.00	15.39 -0.33 0.00	20.42 -0.38 0.00	21.28 -0.43 0.00	18.54 -0.37 0.00	19.86 -0.34 0.00	17.98 -0.29 0.00	15.08 -0.21 0.00	17.85 -0.18 0.00	20.81 -0.33 0.00	29.50 -0.50 0.00	33.29 -0.61 0.00	-8.38 -0.55 37.85	-17.80 -0.44 42.21	-19.13 -0.39 39.90	-19.32 -0.39 39.60	-16.68 -0.31 35.15
STATE_CA_115KV_115_LB 55624	19.63 0.49 -1.19	22.10 0.37 -9.64	22.00 0.32 -10.97	23.17 0.29 -12.90	27.14 0.04 -25.63	26.83 0.32 -14.98	76.50 -0.22 -84.17	43.43 0.63 -23.99	36.41 0.51 -20.18	21.43 0.63 0.00	22.60 0.71 -0.18	20.60 0.59 -1.09	20.79 0.59 0.00	18.82 0.54 0.00	15.79 0.50 0.00	18.54 0.52 0.00	21.77 0.63 0.00	31.20 0.92 -0.27	38.66 1.09 -3.67	30.86 0.84 0.00	25.57 0.72 0.00	22.57 0.64 -0.77	23.12 0.62 -1.83	20.55 0.61 -1.16
STATE_ST_34_KV_LOAD 55959	18.38 0.19 -0.23	14.11 0.13 -1.88	12.96 0.09 -2.16	12.61 0.09 -2.54	6.54 0.03 -5.04	14.70 0.22 -2.95	9.01 -0.10 -16.56	23.93 0.40 -4.72	19.99 0.30 -3.97	21.24 0.44 0.00	22.20 0.45 -0.04	19.45 0.32 -0.21	20.54 0.34 0.00	18.57 0.29 0.00	15.51 0.22 0.00	18.17 0.15 0.00	21.31 0.18 0.00	30.13 0.08 -0.05	34.95 0.37 -0.67	30.20 0.18 0.00	25.12 0.28 0.00	21.42 0.12 -0.14	21.09 0.08 -0.34	19.04 0.04 -0.21
STATION 5_MISC_HYD 23604	17.84 -0.34 -0.22	13.72 -0.19 -1.82	12.59 -0.19 -2.08	12.24 -0.18 -2.44	6.30 -0.02 -4.85	14.17 0.22 -2.84	8.71 0.22 -15.94	22.98 -0.37 -4.55	19.23 -0.32 -3.83	20.45 -0.35 0.00	21.37 -0.38 -0.03	18.68 -0.44 -0.21	19.79 -0.40 0.00	17.86 -0.42 0.00	14.87 -0.42 0.00	17.46 -0.57 0.00	20.54 -0.60 0.00	29.24 -0.81 -0.05	33.86 -0.71 -0.68	29.35 -0.67 0.00	24.27 -0.58 0.00	20.68 -0.62 -0.14	20.40 -0.62 -0.34	18.34 -0.66 -0.21
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	18.08 -0.10 -0.23	13.87 -0.06 -1.83	12.73 -0.07 -2.09	12.38 -0.07 -2.46	6.35 0.00 -4.89	14.34 -0.06 -2.86	8.69 0.08 -16.05	23.33 -0.05 -4.58	19.54 -0.04 -3.85	20.72 -0.08 0.00	21.64 -0.11 -0.03	18.93 -0.20 -0.21	20.01 -0.19 0.00	18.07 -0.21 0.00	15.06 -0.23 0.00	17.70 -0.32 0.00	20.82 -0.31 0.00	29.70 -0.35 -0.05	34.27 -0.31 -0.67	29.77 -0.25 0.00	24.56 -0.28 0.00	20.94 -0.36 -0.14	20.65 -0.36 -0.34	18.59 -0.40 -0.21
STA_56_34_KV_BUS2_REV_LBMP_B 345033	17.76 -0.42 -0.22	13.65 -0.26 -1.81	12.53 -0.25 -2.07	12.18 -0.24 -2.44	6.28 -0.03 -4.84	14.11 -0.25 -2.83	8.69 0.25 -15.89	22.90 -0.44 -4.54	19.17 -0.36 -3.81	20.37 -0.43 0.00	21.29 -0.46 -0.03	18.62 -0.51 -0.21	19.71 -0.48 0.00	17.79 -0.49 0.00	14.82 -0.47 0.00	17.40 -0.62 0.00	20.49 -0.65 0.00	29.17 -0.88 -0.05	33.76 -0.82 -0.67	29.26 -0.76 0.00	24.18 -0.67 0.00	20.61 -0.69 -0.14	20.30 -0.71 -0.34	18.27 -0.73 -0.21
STA_56___34_KV_BUS2 355983	17.76 -0.42 -0.22	13.65 -0.26 -1.81	12.53 -0.25 -2.07	12.18 -0.24 -2.44	6.28 -0.03 -4.84	14.11 -0.25 -2.83	8.69 0.25 -15.89	22.90 -0.44 -4.54	19.17 -0.36 -3.81	20.37 -0.43 0.00	21.29 -0.46 -0.03	18.62 -0.51 -0.21	19.71 -0.48 0.00	17.79 -0.49 0.00	14.82 -0.47 0.00	17.40 -0.62 0.00	20.49 -0.65 0.00	29.17 -0.88 -0.05	33.76 -0.82 -0.67	29.26 -0.76 0.00	24.18 -0.67 0.00	20.61 -0.69 -0.14	20.30 -0.71 -0.34	18.27 -0.73 -0.21
STA_67___115KV_BK2 355882	17.80 -0.38 -0.22	13.69 -0.22 -1.82	12.56 -0.22 -2.08	12.21 -0.21 -2.44	6.30 -0.03 -4.85	14.15 -0.23 -2.83	8.73 0.25 -15.93	22.93 -0.41 -4.55	19.20 -0.35 -3.82	20.40 -0.40 0.00	21.32 -0.43 -0.03	18.65 -0.48 -0.21	19.75 -0.44 0.00	17.83 -0.45 0.00	14.84 -0.45 0.00	17.41 -0.62 0.00	20.49 -0.64 0.00	29.18 -0.88 -0.05	33.79 -0.79 -0.68	29.28 -0.74 0.00	24.21 -0.64 0.00	20.63 -0.67 -0.14	20.32 -0.69 -0.34	18.30 -0.70 -0.21
STA_7___115KV_9TRANS 80674	17.91 -0.27 -0.22	13.76 -0.16 -1.82	12.62 -0.16 -2.08	12.27 -0.16 -2.44	6.31 -0.01 -4.85	14.23 -0.15 -2.84	8.68 0.19 -15.94	23.09 -0.27 -4.55	19.31 -0.23 -3.83	20.55 -0.25 0.00	21.47 -0.27 -0.03	18.77 -0.36 -0.21	19.88 -0.31 0.00	17.95 -0.33 0.00	14.94 -0.34 0.00	17.54 -0.48 0.00	20.65 -0.49 0.00	29.39 -0.66 -0.05	34.06 -0.52 -0.68	29.49 -0.53 0.00	24.40 -0.45 0.00	20.78 -0.52 -0.14	20.45 -0.56 -0.34	18.40 -0.60 -0.21

STA_82___115KV_TB1 80780	17.82 -0.36 -0.22	13.70 -0.22 -1.82	12.57 -0.21 -2.08	12.23 -0.21 -2.45	6.31 -0.02 -4.87	14.16 -0.22 -2.84	8.77 0.24 -15.98	22.96 -0.40 -4.56	19.22 -0.34 -3.84	20.41 -0.39 0.00	21.34 -0.41 -0.03	18.65 -0.48 -0.21	19.76 -0.44 0.00	17.84 -0.45 0.00	14.85 -0.44 0.00	17.42 -0.60 0.00	20.50 -0.63 0.00	29.20 -0.86 -0.05	33.82 -0.76 -0.68	29.31 -0.72 0.00	24.23 -0.62 0.00	20.65 -0.65 -0.14	20.34 -0.67 -0.34	18.30 -0.69 -0.21
STEEL___WIND 323596	17.66 -0.55 -0.26	13.87 -0.34 -2.11	12.80 -0.32 -2.42	12.52 -0.30 -2.84	7.07 -0.04 -5.63	14.44 -0.38 -3.29	11.45 0.43 -18.47	23.31 -0.76 -5.27	19.49 -0.66 -4.43	20.10 -0.70 0.00	21.05 -0.70 -0.04	18.37 -0.79 -0.24	19.49 -0.70 0.00	17.56 -0.72 0.00	14.55 -0.74 0.00	16.96 -1.06 0.00	19.98 -1.15 0.00	28.54 -1.52 -0.06	33.19 -1.50 -0.79	28.70 -1.32 0.00	23.69 -1.16 0.00	20.15 -1.17 -0.16	19.99 -1.07 -0.39	17.95 -1.08 -0.25
STEPHTWN_115KV_BK_2 55603	19.81 0.68 -1.17	22.12 0.50 -9.52	21.96 0.41 -10.84	23.12 0.39 -12.75	26.86 0.06 -25.34	26.78 0.43 -14.81	75.47 -0.30 -83.21	43.35 0.84 -23.72	36.33 0.66 -19.94	21.44 0.64 0.00	22.58 0.69 -0.17	20.57 0.57 -1.08	20.78 0.58 0.00	18.81 0.53 0.00	15.79 0.50 0.00	18.56 0.54 0.00	21.78 0.65 0.00	31.46 1.19 -0.27	38.91 1.37 -3.63	31.16 1.14 0.00	25.78 0.93 0.00	22.72 0.80 -0.76	23.29 0.81 -1.81	20.70 0.77 -1.14
STEBEN_REC_LFGE 323667	17.92 -0.35 -0.31	14.25 -0.36 -2.51	13.18 -0.40 -2.88	13.01 -0.36 -3.38	8.20 -0.05 -6.78	15.00 -0.52 -3.98	15.35 0.44 -22.36	24.41 -0.78 -6.38	20.23 -0.86 -5.37	19.81 -1.00 0.00	20.73 -1.04 -0.05	18.14 -1.07 -0.29	19.10 -1.09 0.00	17.17 -1.11 0.00	14.21 -1.08 0.00	16.63 -1.40 0.00	19.84 -1.29 0.00	28.37 -1.70 -0.07	33.21 -1.64 -0.95	28.33 -1.69 0.00	23.40 -1.45 0.00	19.94 -1.41 -0.20	19.79 -1.36 -0.47	17.85 -1.23 -0.30
STILLWATER___SOLAR 323814	20.01 0.84 -1.21	22.54 0.60 -9.85	22.47 0.55 -11.21	23.69 0.52 -13.18	27.75 0.08 -26.20	27.50 0.65 -15.31	78.14 -0.45 -86.04	44.52 1.18 -24.54	37.28 0.93 -20.64	21.96 1.16 0.00	23.10 1.20 -0.18	21.04 1.01 -1.12	21.19 1.00 0.00	19.15 0.87 0.00	16.02 0.73 0.00	18.83 0.81 0.00	22.19 1.06 0.00	31.81 1.53 -0.28	39.51 1.86 -3.74	31.42 1.40 0.00	26.08 1.24 0.00	23.00 1.06 -0.78	23.59 1.05 -1.87	20.90 0.94 -1.18
STONY___BROOK 24151	20.59 1.68 -0.95	20.98 1.14 -7.74	20.42 1.00 -8.72	21.18 0.95 -10.24	21.97 0.14 -20.36	24.48 1.04 -11.90	58.75 -0.68 -66.88	39.69 1.80 -19.08	33.36 1.59 -16.05	22.71 1.91 0.00	24.04 2.19 -0.14	21.84 2.05 -0.87	22.30 2.10 0.00	20.14 1.87 0.00	16.82 1.53 0.00	19.60 1.58 0.00	23.01 1.87 0.00	33.04 2.82 -0.22	40.24 3.40 -2.93	32.90 2.88 0.00	27.15 2.30 0.00	23.68 1.91 -0.61	23.95 1.81 -1.46	21.44 1.74 -0.92
STURGEON_POOL_HYD 23609	20.09 1.17 -0.96	20.68 0.76 -7.83	20.33 0.68 -8.94	21.14 0.64 -10.51	22.45 0.09 -20.89	24.51 0.76 -12.21	60.64 -0.53 -68.62	39.75 1.37 -19.58	33.35 1.17 -16.46	22.23 1.43 0.00	23.46 1.61 -0.14	21.25 1.44 -0.89	21.65 1.45 0.00	19.57 1.30 0.00	16.35 1.06 0.00	19.17 1.15 0.00	22.50 1.37 0.00	32.32 2.09 -0.22	39.28 2.36 -3.01	32.14 2.12 0.00	26.51 1.66 0.00	23.17 1.38 -0.63	23.59 1.42 -1.50	20.97 1.24 -0.94
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	19.77 0.96 -0.85	19.68 0.64 -6.94	19.39 0.60 -8.08	20.06 0.57 -9.50	20.44 0.08 -18.89	23.26 0.68 -11.04	54.10 -0.48 -62.03	37.72 1.22 -17.70	31.62 1.03 -14.87	22.04 1.23 0.00	23.24 1.40 -0.13	20.97 1.24 -0.80	21.45 1.26 0.00	19.41 1.14 0.00	16.22 0.93 0.00	19.03 1.01 0.00	22.35 1.22 0.00	32.05 1.84 -0.20	38.71 2.09 -2.72	31.84 1.82 0.00	26.31 1.46 0.00	22.96 1.23 -0.57	23.27 1.24 -1.35	20.73 1.09 -0.85
SWANROAD_115KV_TB1 355699	17.10 -1.11 -0.25	13.42 -0.70 -2.02	12.37 -0.64 -2.31	12.10 -0.60 -2.72	6.79 -0.07 -5.40	13.96 -0.73 -3.15	10.96 0.70 -17.71	22.41 -1.44 -5.05	18.78 -1.19 -4.25	19.46 -1.34 0.00	20.33 -1.42 -0.04	17.77 -1.38 -0.23	18.86 -1.34 0.00	16.99 -1.29 0.00	14.11 -1.18 0.00	16.40 -1.62 0.00	19.30 -1.84 0.00	27.49 -2.57 -0.06	32.02 -2.64 -0.75	27.69 -2.33 0.00	22.89 -1.96 0.00	19.49 -1.83 -0.16	19.31 -1.74 -0.37	17.37 -1.66 -0.24
SYNERGY___BIOGAS 323694	17.95 -0.24 -0.24	13.91 -0.13 -1.94	12.79 -0.14 -2.22	12.47 -0.13 -2.61	6.64 -0.01 -5.18	14.40 -0.16 -3.02	9.79 0.24 -17.00	23.32 -0.33 -4.85	19.54 -0.26 -4.08	20.49 -0.31 0.00	21.33 -0.41 -0.04	18.59 -0.55 -0.22	19.69 -0.50 0.00	17.74 -0.54 0.00	14.76 -0.53 0.00	17.32 -0.70 0.00	20.43 -0.70 0.00	29.21 -0.84 -0.05	33.91 -0.71 -0.72	29.40 -0.62 0.00	24.25 -0.60 0.00	20.62 -0.69 -0.15	20.39 -0.64 -0.36	18.29 -0.72 -0.23
SYRACUSE___ENERGY_ST1 323597	18.23 0.07 -0.21	13.81 0.04 -1.67	12.64 0.02 -1.92	12.26 0.02 -2.25	5.95 0.01 -4.48	14.20 0.04 -2.62	7.24 -0.02 -14.71	23.10 0.10 -4.20	19.36 0.11 -3.53	20.88 0.08 0.00	21.83 0.08 -0.03	19.26 0.15 -0.19	20.34 0.15 0.00	18.39 0.12 0.00	15.34 0.05 0.00	17.97 -0.05 0.00	21.01 -0.12 0.00	29.95 -0.09 -0.04	34.39 -0.11 -0.60	29.93 -0.09 0.00	24.72 -0.12 0.00	21.15 -0.13 -0.13	20.87 -0.10 -0.30	18.85 -0.12 -0.19
SYRACUSE___ENERGY_ST2 323598	18.23 0.07 -0.21	13.81 0.04 -1.67	12.64 0.02 -1.92	12.26 0.02 -2.25	5.95 0.01 -4.48	14.20 0.04 -2.62	7.24 -0.02 -14.71	23.10 0.10 -4.20	19.36 0.11 -3.53	20.88 0.08 0.00	21.83 0.08 -0.03	19.26 0.15 -0.19	20.34 0.15 0.00	18.39 0.12 0.00	15.34 0.05 0.00	17.97 -0.05 0.00	21.01 -0.12 0.00	29.95 -0.09 -0.04	34.39 -0.11 -0.60	29.93 -0.09 0.00	24.72 -0.12 0.00	21.15 -0.13 -0.13	20.87 -0.10 -0.30	18.85 -0.12 -0.19
SYRACUSE___POWER 24017	18.21 0.05 -0.21	13.80 0.03 -1.68	12.63 0.01 -1.92	12.26 0.01 -2.26	5.96 0.01 -4.49	14.19 0.03 -2.62	7.28 -0.01 -14.74	23.10 0.09 -4.21	19.34 0.08 -3.54	20.86 0.05 0.00	21.78 0.03 -0.03	19.12 0.01 -0.19	20.18 -0.01 0.00	18.25 -0.03 0.00	15.22 -0.07 0.00	17.89 -0.14 0.00	21.04 -0.10 0.00	29.97 -0.07 -0.05	34.44 -0.07 -0.61	29.97 -0.05 0.00	24.76 -0.09 0.00	21.19 -0.09 -0.13	20.89 -0.09 -0.30	18.85 -0.12 -0.19
TALLMAN___138KV_BK151 55660	19.83 1.00 -0.87	19.86 0.68 -7.08	19.70 0.67 -8.32	20.40 0.63 -9.78	21.00 0.09 -19.44	23.67 0.77 -11.36	55.86 -0.54 -63.85	38.42 1.39 -18.22	32.20 1.16 -15.33	22.20 1.40 0.00	23.46 1.61 -0.13	21.21 1.46 -0.83	21.66 1.47 0.00	19.61 1.33 0.00	16.37 1.09 0.00	19.20 1.18 0.00	22.54 1.41 0.00	32.30 2.09 -0.21	39.11 2.40 -2.80	32.09 2.07 0.00	26.51 1.67 0.00	23.14 1.40 -0.59	23.47 1.40 -1.40	20.90 1.24 -0.88
TEALLAVE_115KV_TB7 355573	18.07 -0.07 -0.19	13.56 -0.05 -1.51	12.38 -0.06 -1.73	11.97 -0.05 -2.04	5.51 -0.01 -4.05	13.85 -0.05 -2.37	5.89 0.04 -13.30	22.55 -0.05 -3.80	18.89 -0.02 -3.19	20.73 -0.08 0.00	21.65 -0.10 -0.03	18.99 -0.11 -0.17	20.06 -0.13 0.00	18.14 -0.14 0.00	15.13 -0.16 0.00	17.79 -0.23 0.00	20.92 -0.21 0.00	29.78 -0.26 -0.04	34.18 -0.28 -0.55	29.78 -0.24 0.00	24.61 -0.23 0.00	21.06 -0.21 -0.12	20.74 -0.21 -0.28	18.73 -0.23 -0.17

TELGRAPH_34_KV_EAST 80808	17.55 -0.65 -0.24	13.67 -0.40 -1.97	12.58 -0.38 -2.26	12.28 -0.36 -2.66	6.70 -0.04 -5.27	14.18 -0.43 -3.08	10.33 0.47 -17.31	22.87 -0.87 -4.94	19.17 -0.70 -4.15	20.02 -0.79 0.00	20.89 -0.86 -0.04	18.23 -0.91 -0.22	19.35 -0.84 0.00	17.43 -0.85 0.00	14.48 -0.80 0.00	16.91 -1.12 0.00	19.90 -1.23 0.00	28.41 -1.65 -0.05	33.01 -1.62 -0.74	28.59 -1.43 0.00	23.60 -1.24 0.00	20.08 -1.23 -0.15	19.86 -1.18 -0.37	17.85 -1.17 -0.23
TEMPLE___115KV_TB 2 55572	18.09 -0.06 -0.19	13.59 -0.04 -1.53	12.41 -0.05 -1.75	12.00 -0.04 -2.06	5.56 0.00 -4.09	13.89 -0.04 -2.39	6.04 0.04 -13.45	22.61 -0.03 -3.84	18.93 -0.01 -3.23	20.75 -0.06 0.00	21.67 -0.07 -0.03	19.01 -0.09 -0.18	20.08 -0.12 0.00	18.15 -0.13 0.00	15.14 -0.15 0.00	17.80 -0.23 0.00	20.93 -0.20 0.00	29.81 -0.24 -0.04	34.21 -0.25 -0.56	29.80 -0.22 0.00	24.63 -0.21 0.00	21.08 -0.20 -0.12	20.76 -0.19 -0.28	18.74 -0.22 -0.18
TIANA___69_KV_BK 1 55817	20.85 1.94 -0.95	21.17 1.33 -7.74	20.59 1.17 -8.72	21.34 1.11 -10.24	21.98 0.15 -20.36	24.58 1.15 -11.90	58.59 -0.84 -66.88	40.00 2.11 -19.08	33.67 1.91 -16.05	22.91 2.11 0.00	24.19 2.33 -0.14	21.97 2.18 -0.87	22.46 2.27 0.00	20.31 2.03 0.00	16.95 1.66 0.00	19.74 1.71 0.00	23.20 2.06 0.00	33.63 3.42 -0.22	40.81 3.98 -2.93	33.55 3.53 0.00	27.40 2.55 0.00	23.86 2.09 -0.61	24.21 2.08 -1.46	21.69 1.98 -0.92
TILDEN___115KV_TB1 80814	18.21 0.05 -0.21	13.80 0.03 -1.68	12.63 0.01 -1.92	12.26 0.01 -2.26	5.96 0.01 -4.49	14.19 0.03 -2.62	7.28 -0.01 -14.74	23.10 0.09 -4.21	19.34 0.08 -3.54	20.86 0.05 0.00	21.78 0.03 -0.03	19.12 0.01 -0.19	20.18 -0.01 0.00	18.25 -0.03 0.00	15.22 -0.07 0.00	17.89 -0.14 0.00	21.04 -0.10 0.00	29.97 -0.07 -0.05	34.44 -0.07 -0.61	29.97 -0.05 0.00	24.76 -0.09 0.00	21.19 -0.09 -0.13	20.89 -0.09 -0.30	18.85 -0.12 -0.19
TRIGEN___CC 323695	20.38 1.46 -0.95	20.82 0.98 -7.74	20.27 0.85 -8.72	21.04 0.80 -10.24	21.95 0.11 -20.36	24.35 0.91 -11.90	58.85 -0.59 -66.88	39.43 1.55 -19.08	33.13 1.36 -16.05	22.46 1.66 0.00	23.77 1.91 -0.14	21.57 1.78 -0.87	22.01 1.82 0.00	19.90 1.62 0.00	16.62 1.34 0.00	19.44 1.41 0.00	22.79 1.65 0.00	32.73 2.51 -0.22	39.76 2.93 -2.93	32.61 2.59 0.00	26.93 2.08 0.00	23.50 1.72 -0.61	23.84 1.70 -1.46	21.25 1.55 -0.92
TRINITY___115KV__ 4 BK 55933	19.55 0.42 -1.18	21.97 0.32 -9.55	21.86 0.28 -10.87	23.02 0.26 -12.78	26.91 0.04 -25.40	26.66 0.28 -14.84	75.79 -0.19 -83.43	43.14 0.56 -23.77	36.15 0.44 -19.99	21.34 0.54 0.00	22.52 0.63 -0.17	20.52 0.52 -1.08	20.71 0.51 0.00	18.75 0.47 0.00	15.73 0.45 0.00	18.47 0.45 0.00	21.68 0.54 0.00	31.04 0.77 -0.27	38.48 0.93 -3.64	30.72 0.70 0.00	25.47 0.63 0.00	22.48 0.56 -0.76	23.03 0.54 -1.82	20.47 0.54 -1.15
UNION___PROCESSING_DRP 323587	17.82 -0.36 -0.22	13.71 -0.22 -1.82	12.58 -0.21 -2.09	12.23 -0.20 -2.45	6.32 -0.02 -4.87	14.17 -0.22 -2.85	8.78 0.23 -15.99	22.97 -0.39 -4.56	19.22 -0.33 -3.84	20.42 -0.38 0.00	21.34 -0.41 -0.03	18.66 -0.46 -0.21	19.76 -0.43 0.00	17.84 -0.44 0.00	14.85 -0.43 0.00	17.43 -0.60 0.00	20.51 -0.62 0.00	29.21 -0.85 -0.05	33.83 -0.75 -0.68	29.31 -0.71 0.00	24.23 -0.61 0.00	20.65 -0.65 -0.14	20.34 -0.67 -0.34	18.31 -0.69 -0.21
UPPER HUDSON___HYD 24058	19.78 0.60 -1.22	22.44 0.45 -9.89	22.44 0.47 -11.27	23.68 0.45 -13.24	27.87 0.08 -26.32	27.54 0.62 -15.38	78.54 -0.45 -86.45	44.63 1.17 -24.66	37.34 0.88 -20.74	21.94 1.13 0.00	23.03 1.14 -0.18	20.98 0.94 -1.12	21.06 0.86 0.00	18.97 0.69 0.00	15.86 0.57 0.00	18.58 0.56 0.00	21.94 0.80 0.00	31.40 1.12 -0.28	39.12 1.46 -3.76	30.95 0.93 0.00	25.71 0.86 0.00	22.72 0.77 -0.79	23.41 0.86 -1.88	20.72 0.74 -1.18
UPPER RAQUET___HYD 24056	17.73 -0.25 -0.03	12.14 -0.20 -0.25	10.80 -0.18 -0.28	10.16 -0.15 -0.33	2.09 -0.03 -0.65	11.69 -0.23 -0.38	-5.25 0.06 -2.15	19.05 -0.36 -0.61	15.98 -0.26 -0.51	20.48 -0.32 0.00	21.24 -0.47 0.00	18.51 -0.44 -0.03	19.77 -0.42 0.00	17.85 -0.42 0.00	15.01 -0.28 0.00	17.81 -0.22 0.00	20.75 -0.39 0.00	29.57 -0.43 -0.01	33.41 -0.58 -0.09	0.37 -0.64 29.01	-8.75 -0.50 33.10	-10.77 -0.47 31.46	-11.05 -0.51 31.22	-8.90 -0.40 27.29
VALLEY44_115KV_TB2 355964	18.44 0.20 -0.27	14.44 0.11 -2.23	13.31 0.05 -2.56	13.06 0.07 -3.01	7.41 0.02 -5.92	15.05 0.06 -3.45	12.04 0.11 -19.38	24.43 0.10 -5.53	20.33 -0.04 -4.65	20.89 0.09 0.00	21.99 0.24 -0.04	19.26 0.09 -0.25	20.45 0.25 0.00	18.45 0.17 0.00	15.28 0.00 0.00	17.88 -0.15 0.00	21.04 -0.10 0.00	30.00 -0.07 -0.06	34.70 -0.03 -0.82	30.03 0.01 0.00	24.78 -0.07 0.00	21.08 -0.26 -0.17	20.95 -0.14 -0.41	18.88 -0.16 -0.26
VALLEY___115KV_TB 1-4 80826	18.39 0.41 -0.03	12.60 0.28 -0.22	11.21 0.26 -0.24	10.52 0.24 -0.29	2.07 0.03 -0.58	12.10 0.23 -0.34	-5.80 -0.23 -1.88	19.81 0.47 -0.54	16.63 0.46 -0.45	21.09 0.28 0.00	21.94 0.22 0.00	19.07 0.12 -0.03	20.18 -0.02 0.00	18.25 -0.03 0.00	15.27 -0.02 0.00	18.05 0.03 0.00	21.29 0.15 0.00	30.65 0.64 -0.01	34.55 0.57 -0.08	32.77 0.59 -2.16	27.56 0.30 -2.41	23.72 0.27 -2.29	23.28 0.31 -2.30	21.05 0.24 -2.03
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	19.21 0.78 -0.47	16.42 0.51 -3.82	15.52 0.45 -4.37	15.54 0.42 -5.13	11.74 0.07 -10.20	18.06 0.56 -5.96	25.70 -0.36 -33.52	29.35 0.98 -9.56	24.59 0.82 -8.04	21.84 1.04 0.00	22.89 1.11 -0.07	20.29 0.93 -0.44	21.13 0.93 0.00	19.10 0.82 0.00	15.94 0.65 0.00	18.72 0.69 0.00	22.01 0.87 0.00	31.38 1.27 -0.11	36.91 1.56 -1.45	31.39 1.37 0.00	25.97 1.12 0.00	22.37 0.91 -0.30	22.28 0.88 -0.72	20.00 0.75 -0.45
VISCHER___FERRY HYD 24020	19.87 0.72 -1.19	22.31 0.51 -9.70	22.20 0.46 -11.04	23.39 0.42 -12.98	27.33 0.07 -25.80	27.12 0.51 -15.08	76.95 -0.34 -84.74	43.86 0.89 -24.16	36.76 0.72 -20.32	21.68 0.88 0.00	22.86 0.96 -0.18	20.83 0.81 -1.10	20.99 0.80 0.00	18.98 0.71 0.00	15.89 0.60 0.00	18.67 0.64 0.00	21.97 0.84 0.00	31.50 1.23 -0.27	39.05 1.47 -3.68	31.12 1.10 0.00	25.84 0.99 0.00	22.80 0.87 -0.77	23.35 0.84 -1.84	20.71 0.77 -1.16
V_A_10_SYNC_DSASP 323832	17.44 -0.76 -0.23	13.55 -0.46 -1.91	12.47 -0.42 -2.19	12.16 -0.40 -2.57	6.52 -0.06 -5.11	14.02 -0.50 -2.98	9.78 0.48 -16.76	22.61 -0.97 -4.78	18.92 -0.82 -4.02	19.86 -0.94 0.00	20.80 -0.95 -0.04	18.20 -0.94 -0.22	19.32 -0.88 0.00	17.42 -0.86 0.00	14.47 -0.82 0.00	16.89 -1.13 0.00	19.85 -1.28 0.00	28.30 -1.75 -0.05	32.84 -1.78 -0.71	28.45 -1.58 0.00	23.51 -1.34 0.00	20.03 -1.28 -0.15	19.83 -1.20 -0.36	17.83 -1.18 -0.22
V_CMM_10_SYNC_DSASP 323787	17.76 -0.20 0.00	11.96 -0.14 0.00	10.58 -0.13 0.00	9.86 -0.12 0.00	1.45 -0.02 0.00	11.38 -0.16 0.00	-7.36 0.09 0.00	18.51 -0.30 0.00	15.46 -0.26 0.00	20.52 -0.29 0.00	21.38 -0.34 0.00	18.63 -0.29 0.00	19.95 -0.25 0.00	18.07 -0.21 0.00	15.14 -0.14 0.00	17.93 -0.10 0.00	20.90 -0.23 0.00	29.64 -0.36 0.00	33.45 -0.46 0.00	-8.25 -0.42 37.85	-17.69 -0.33 42.21	-19.04 -0.30 39.90	-19.23 -0.30 39.60	-16.60 -0.23 35.15

V_CMP_10_SYNC_DSASP 323788	17.92 -0.04 0.00	12.05 -0.04 0.00	10.67 -0.03 0.00	9.98 0.00 0.00	1.47 0.00 0.00	11.46 -0.08 0.00	-7.49 -0.04 0.00	18.53 -0.27 0.00	15.50 -0.22 0.00	20.71 -0.09 0.00	21.42 -0.30 0.00	18.36 -0.56 0.00	19.72 -0.48 0.00	17.88 -0.40 0.00	14.93 -0.36 0.00	17.77 -0.26 0.00	20.83 -0.30 0.00	29.52 -0.49 0.00	33.36 -0.54 0.00	-15.60 -1.15 44.47	-20.70 -0.90 44.66	-20.57 -0.74 40.98	-20.73 -0.83 40.57	-20.81 -0.75 38.84
V_E_10_SYNC_DSASP 323830	19.63 1.29 -0.38	16.02 0.81 -3.11	14.94 0.68 -3.56	14.82 0.65 -4.18	9.89 0.10 -8.32	17.21 0.81 -4.86	19.35 -0.51 -27.32	27.30 0.70 -7.79	23.03 0.75 -6.55	21.64 0.84 0.00	22.40 0.63 -0.06	19.63 0.35 -0.36	20.36 0.16 0.00	18.35 0.07 0.00	15.29 0.01 0.00	18.46 0.43 0.00	22.10 0.97 0.00	31.78 1.69 -0.09	36.87 1.80 -1.16	31.74 1.72 0.00	26.06 1.22 0.00	22.26 0.86 -0.24	22.12 0.86 -0.58	19.89 0.74 -0.37
V_F_30_NSYNC___DSASP 323816	20.04 0.87 -1.22	22.58 0.61 -9.87	22.50 0.56 -11.24	23.72 0.53 -13.21	27.81 0.08 -26.25	27.55 0.67 -15.34	78.31 -0.46 -86.22	44.61 1.21 -24.59	37.35 0.95 -20.68	21.99 1.19 0.00	23.13 1.23 -0.18	21.07 1.03 -1.12	21.22 1.03 0.00	19.17 0.90 0.00	16.04 0.76 0.00	18.87 0.84 0.00	22.23 1.09 0.00	31.86 1.58 -0.28	39.56 1.91 -3.75	31.48 1.45 0.00	26.13 1.28 0.00	23.04 1.10 -0.79	23.62 1.07 -1.87	20.93 0.96 -1.18
V_F_30_SYNC_DSASP 323786	19.63 0.49 -1.19	22.09 0.37 -9.63	21.99 0.32 -10.96	23.16 0.29 -12.89	27.12 0.04 -25.61	26.82 0.32 -14.97	76.44 -0.22 -84.11	43.41 0.63 -23.98	36.40 0.51 -20.16	21.43 0.63 0.00	22.60 0.71 -0.18	20.60 0.59 -1.09	20.78 0.59 0.00	18.82 0.54 0.00	15.79 0.50 0.00	18.54 0.52 0.00	21.77 0.63 0.00	31.20 0.92 -0.27	38.66 1.09 -3.67	30.86 0.83 0.00	25.57 0.72 0.00	22.57 0.64 -0.77	23.12 0.62 -1.83	20.54 0.61 -1.15
V_XM_10_SYNC_DSASP 323789	17.92 -0.04 0.00	12.05 -0.04 0.00	10.67 -0.03 0.00	9.98 0.00 0.00	1.47 0.00 0.00	11.46 -0.08 0.00	-7.49 -0.04 0.00	18.53 -0.27 0.00	15.50 -0.22 0.00	20.71 -0.09 0.00	21.42 -0.30 0.00	18.36 -0.56 0.00	19.72 -0.48 0.00	17.88 -0.40 0.00	14.93 -0.36 0.00	17.77 -0.26 0.00	20.83 -0.30 0.00	29.52 -0.49 0.00	33.36 -0.54 0.00	-15.60 -1.15 44.47	-20.70 -0.90 44.66	-20.57 -0.74 40.98	-20.73 -0.83 40.57	-20.81 -0.75 38.84
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	19.87 1.04 -0.87	19.90 0.71 -7.10	19.78 0.70 -8.37	20.50 0.66 -9.85	21.14 0.10 -19.57	23.78 0.81 -11.43	56.25 -0.57 -64.27	38.60 1.46 -18.34	32.36 1.22 -15.42	22.28 1.48 0.00	23.54 1.69 -0.14	21.27 1.51 -0.83	21.73 1.53 0.00	19.67 1.39 0.00	16.42 1.14 0.00	19.26 1.24 0.00	22.61 1.47 0.00	32.41 2.20 -0.21	39.24 2.52 -2.82	32.20 2.18 0.00	26.60 1.76 0.00	23.22 1.47 -0.59	23.55 1.47 -1.41	20.96 1.29 -0.88
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	20.24 1.33 -0.95	20.72 0.88 -7.74	20.19 0.77 -8.72	20.95 0.71 -10.25	21.94 0.11 -20.37	24.29 0.85 -11.90	58.88 -0.56 -66.90	39.38 1.49 -19.09	33.02 1.25 -16.05	22.36 1.56 0.00	23.67 1.81 -0.14	21.46 1.67 -0.87	21.89 1.70 0.00	19.84 1.56 0.00	16.57 1.28 0.00	19.40 1.38 0.00	22.72 1.58 0.00	32.49 2.27 -0.22	39.43 2.59 -2.93	32.31 2.29 0.00	26.73 1.88 0.00	23.34 1.57 -0.61	23.71 1.57 -1.46	21.10 1.39 -0.92
W50THST__13_KV_LOAD 356117	20.37 1.45 -0.95	20.80 0.96 -7.74	20.26 0.84 -8.72	21.01 0.78 -10.25	21.95 0.11 -20.37	24.37 0.92 -11.90	58.84 -0.61 -66.90	39.51 1.62 -19.09	33.17 1.39 -16.05	22.58 1.78 0.00	23.91 2.06 -0.14	21.68 1.90 -0.87	22.14 1.94 0.00	20.07 1.79 0.00	16.78 1.50 0.00	19.65 1.63 0.00	23.01 1.87 0.00	32.86 2.64 -0.22	39.80 2.97 -2.93	32.68 2.66 0.00	27.03 2.18 0.00	23.59 1.82 -0.61	23.95 1.82 -1.46	21.30 1.59 -0.92
WADING RIVER_IC_1 23522	20.61 1.70 -0.95	21.02 1.18 -7.74	20.45 1.03 -8.72	21.22 0.99 -10.24	21.95 0.12 -20.36	24.39 0.95 -11.90	58.69 -0.74 -66.88	39.69 1.81 -19.08	33.47 1.70 -16.05	22.57 1.76 0.00	23.82 1.96 -0.14	21.66 1.87 -0.87	22.16 1.96 0.00	20.04 1.76 0.00	16.71 1.43 0.00	19.43 1.41 0.00	22.83 1.69 0.00	33.23 3.02 -0.22	40.21 3.37 -2.93	33.13 3.11 0.00	26.90 2.05 0.00	23.45 1.68 -0.61	23.88 1.74 -1.46	21.43 1.72 -0.92
WADING RIVER_IC_2 23547	20.61 1.70 -0.95	21.02 1.18 -7.74	20.45 1.03 -8.72	21.22 0.99 -10.24	21.95 0.12 -20.36	24.39 0.95 -11.90	58.69 -0.74 -66.88	39.69 1.81 -19.08	33.47 1.70 -16.05	22.57 1.76 0.00	23.82 1.96 -0.14	21.66 1.87 -0.87	22.16 1.96 0.00	20.04 1.76 0.00	16.71 1.43 0.00	19.43 1.41 0.00	22.83 1.69 0.00	33.23 3.02 -0.22	40.21 3.37 -2.93	33.13 3.11 0.00	26.90 2.05 0.00	23.45 1.68 -0.61	23.88 1.74 -1.46	21.43 1.72 -0.92
WADING RIVER_IC_3 23601	20.61 1.70 -0.95	21.02 1.18 -7.74	20.45 1.03 -8.72	21.22 0.99 -10.24	21.95 0.12 -20.36	24.39 0.95 -11.90	58.69 -0.74 -66.88	39.69 1.81 -19.08	33.47 1.70 -16.05	22.57 1.76 0.00	23.82 1.96 -0.14	21.66 1.87 -0.87	22.16 1.96 0.00	20.04 1.76 0.00	16.71 1.43 0.00	19.43 1.41 0.00	22.83 1.69 0.00	33.23 3.02 -0.22	40.21 3.37 -2.93	33.13 3.11 0.00	26.90 2.05 0.00	23.45 1.68 -0.61	23.88 1.74 -1.46	21.43 1.72 -0.92
WALDENNY_12_KV_BK2 80841	17.66 -0.55 -0.26	13.86 -0.34 -2.10	12.78 -0.33 -2.41	12.50 -0.31 -2.83	7.04 -0.03 -5.61	14.43 -0.38 -3.27	11.37 0.43 -18.39	23.30 -0.75 -5.25	19.50 -0.63 -4.41	20.14 -0.66 0.00	21.08 -0.67 -0.04	18.40 -0.76 -0.24	19.52 -0.67 0.00	17.58 -0.69 0.00	14.58 -0.71 0.00	16.99 -1.03 0.00	20.01 -1.12 0.00	28.56 -1.50 -0.06	33.23 -1.46 -0.78	28.74 -1.28 0.00	23.72 -1.13 0.00	20.17 -1.15 -0.16	19.96 -1.10 -0.39	17.95 -1.07 -0.25
WALDEN___HYDRO 24148	20.05 1.18 -0.91	20.27 0.78 -7.39	19.90 0.72 -8.48	20.63 0.68 -9.96	21.38 0.10 -19.81	23.94 0.83 -11.57	57.02 -0.58 -65.05	38.86 1.50 -18.56	32.58 1.25 -15.61	22.29 1.49 0.00	23.41 1.56 -0.14	21.10 1.35 -0.84	21.55 1.35 0.00	19.51 1.23 0.00	16.29 1.00 0.00	19.12 1.10 0.00	22.49 1.35 0.00	32.34 2.13 -0.21	39.25 2.51 -2.84	32.20 2.18 0.00	26.61 1.76 0.00	23.22 1.47 -0.59	23.53 1.44 -1.41	20.95 1.28 -0.89
WARRENSBURG____ 23737	19.78 0.60 -1.22	22.44 0.45 -9.89	22.44 0.47 -11.27	23.68 0.45 -13.24	27.87 0.08 -26.32	27.54 0.62 -15.38	78.54 -0.45 -86.45	44.63 1.17 -24.66	37.34 0.88 -20.74	21.94 1.13 0.00	23.03 1.14 -0.18	20.98 0.94 -1.12	21.06 0.86 0.00	18.97 0.69 0.00	15.86 0.57 0.00	18.58 0.56 0.00	21.94 0.80 0.00	31.40 1.12 -0.28	39.12 1.46 -3.76	30.95 0.93 0.00	25.71 0.86 0.00	22.72 0.77 -0.79	23.41 0.86 -1.88	20.72 0.74 -1.18
WATERSIDE___6 8 9 23538	20.29 1.38 -0.95	20.74 0.90 -7.74	20.22 0.79 -8.72	20.97 0.74 -10.25	21.95 0.11 -20.37	24.31 0.87 -11.90	58.90 -0.56 -66.91	39.40 1.51 -19.09	33.07 1.30 -16.05	22.43 1.62 0.00	23.72 1.86 -0.14	21.51 1.72 -0.87	21.93 1.74 0.00	19.90 1.62 0.00	16.63 1.34 0.00	19.45 1.42 0.00	22.76 1.63 0.00	32.51 2.29 -0.22	39.48 2.64 -2.93	32.39 2.37 0.00	26.78 1.93 0.00	23.40 1.63 -0.61	23.74 1.61 -1.46	21.13 1.42 -0.92



WATKINRD_115KV_LN8_ILLION 55919	18.29 0.31 -0.03	12.53 0.21 -0.22	11.14 0.19 -0.24	10.46 0.18 -0.29	2.06 0.02 -0.58	12.05 0.17 -0.34	-5.74 -0.18 -1.88	19.71 0.37 -0.54	16.53 0.36 -0.45	21.04 0.24 0.00	21.93 0.21 0.00	19.06 0.12 -0.03	20.24 0.05 0.00	18.30 0.02 0.00	15.30 0.02 0.00	18.08 0.06 0.00	21.30 0.16 0.00	30.54 0.53 -0.01	34.50 0.52 -0.08	32.68 0.50 -2.16	27.56 0.30 -2.41	23.73 0.28 -2.29	23.28 0.30 -2.30	21.05 0.24 -2.03
WATSON___69_KV_BK 1 55734	20.77 1.86 -0.95	21.10 1.26 -7.74	20.52 1.10 -8.72	21.27 1.04 -10.24	21.97 0.14 -20.36	24.57 1.13 -11.90	58.67 -0.76 -66.88	39.86 1.98 -19.08	33.53 1.76 -16.05	22.88 2.07 0.00	24.19 2.33 -0.14	21.96 2.17 -0.87	22.41 2.22 0.00	20.25 1.97 0.00	16.90 1.62 0.00	19.71 1.69 0.00	23.16 2.03 0.00	33.37 3.15 -0.22	40.54 3.71 -2.93	33.29 3.26 0.00	27.39 2.54 0.00	23.86 2.09 -0.61	24.19 2.06 -1.46	21.61 1.90 -0.92
WDELAWARE___HYD 323627	19.91 1.12 -0.83	19.57 0.74 -6.74	19.10 0.67 -7.73	19.70 0.63 -9.08	19.61 0.09 -18.05	22.83 0.74 -10.55	51.28 -0.55 -59.28	37.11 1.40 -16.91	31.14 1.20 -14.22	22.16 1.36 0.00	23.27 1.44 -0.12	20.93 1.24 -0.77	21.42 1.23 0.00	19.42 1.14 0.00	16.18 0.89 0.00	19.02 1.00 0.00	22.39 1.26 0.00	32.27 2.08 -0.19	38.84 2.35 -2.60	32.15 2.13 0.00	26.47 1.63 0.00	23.05 1.35 -0.54	23.35 1.39 -1.29	20.81 1.21 -0.82
WEST BABYLON___IC 23714	20.71 1.80 -0.95	21.05 1.21 -7.74	20.48 1.06 -8.72	21.24 1.00 -10.24	21.97 0.14 -20.36	24.54 1.11 -11.90	58.70 -0.73 -66.88	39.80 1.91 -19.08	33.46 1.70 -16.05	22.82 2.02 0.00	24.16 2.30 -0.14	21.91 2.12 -0.87	22.37 2.18 0.00	20.21 1.93 0.00	16.87 1.58 0.00	19.68 1.66 0.00	23.12 1.99 0.00	33.27 3.05 -0.22	40.44 3.60 -2.93	33.20 3.18 0.00	27.36 2.51 0.00	23.84 2.07 -0.61	24.16 2.02 -1.46	21.56 1.86 -0.92
WEST CANADA___HYD 24049	18.05 0.07 -0.03	12.36 0.05 -0.22	10.99 0.04 -0.24	10.31 0.04 -0.29	2.05 0.01 -0.58	11.92 0.05 -0.34	-5.61 -0.04 -1.88	19.44 0.10 -0.54	16.26 0.09 -0.45	20.89 0.09 0.00	21.80 0.08 0.00	19.00 0.06 -0.03	20.23 0.04 0.00	18.31 0.04 0.00	15.31 0.03 0.00	18.07 0.04 0.00	21.21 0.08 0.00	30.13 0.12 -0.01	34.14 0.15 -0.08	32.30 0.12 -2.16	27.36 0.10 -2.41	23.54 0.09 -2.29	23.06 0.08 -2.30	20.88 0.06 -2.03
WESTERN_NY_WIND 24143	17.92 -0.28 -0.24	13.89 -0.16 -1.95	12.77 -0.16 -2.23	12.45 -0.16 -2.63	6.67 -0.01 -5.21	14.40 -0.18 -3.04	9.91 0.27 -17.10	23.31 -0.37 -4.88	19.54 -0.28 -4.10	20.47 -0.33 0.00	21.30 -0.45 -0.04	18.56 -0.58 -0.22	19.66 -0.53 0.00	17.71 -0.57 0.00	14.73 -0.55 0.00	17.29 -0.74 0.00	20.40 -0.74 0.00	29.15 -0.90 -0.05	33.85 -0.78 -0.73	29.35 -0.67 0.00	24.20 -0.65 0.00	20.58 -0.73 -0.15	20.32 -0.72 -0.36	18.25 -0.76 -0.23
WESTOVER___LESR 323668	18.64 0.29 -0.40	15.52 0.17 -3.25	14.56 0.14 -3.73	14.50 0.14 -4.38	10.20 0.03 -8.70	16.79 0.17 -5.09	21.06 -0.08 -28.59	27.28 0.32 -8.16	22.82 0.24 -6.86	21.05 0.25 0.00	22.10 0.33 -0.06	19.49 0.20 -0.37	20.40 0.20 0.00	18.45 0.17 0.00	15.37 0.08 0.00	18.06 0.03 0.00	21.25 0.11 0.00	30.36 0.27 -0.09	35.40 0.27 -1.22	30.31 0.29 0.00	25.03 0.19 0.00	21.50 0.09 -0.26	21.41 0.13 -0.61	19.26 0.10 -0.38
WETHRSFD_WT_PWR 323626	17.49 -0.74 -0.28	13.85 -0.52 -2.27	12.82 -0.48 -2.60	12.61 -0.44 -3.06	7.49 -0.06 -6.08	14.54 -0.55 -3.55	13.03 0.51 -19.97	23.49 -1.01 -5.70	19.57 -0.94 -4.79	19.71 -1.09 0.00	20.69 -1.07 -0.04	18.02 -1.17 -0.26	19.03 -1.17 0.00	17.15 -1.13 0.00	14.19 -1.09 0.00	16.59 -1.43 0.00	19.65 -1.49 0.00	28.06 -2.00 -0.06	32.71 -2.05 -0.85	28.14 -1.88 0.00	23.18 -1.66 0.00	19.75 -1.59 -0.18	19.62 -1.48 -0.42	17.64 -1.41 -0.27
WHAVSTOR_138KV_BK127 55557	19.78 0.95 -0.87	19.85 0.65 -7.10	19.75 0.66 -8.39	20.47 0.63 -9.86	21.15 0.09 -19.59	23.74 0.76 -11.45	56.37 -0.53 -64.35	38.52 1.36 -18.36	32.30 1.14 -15.44	22.18 1.38 0.00	23.44 1.58 -0.14	21.19 1.43 -0.84	21.64 1.44 0.00	19.59 1.31 0.00	16.36 1.07 0.00	19.18 1.15 0.00	22.51 1.37 0.00	32.25 2.04 -0.21	39.08 2.35 -2.82	32.05 2.03 0.00	26.48 1.64 0.00	23.12 1.37 -0.59	23.46 1.38 -1.41	20.89 1.22 -0.89
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	19.78 0.95 -0.87	19.85 0.65 -7.10	19.75 0.66 -8.39	20.47 0.63 -9.86	21.15 0.09 -19.59	23.74 0.76 -11.45	56.37 -0.53 -64.35	38.52 1.36 -18.36	32.30 1.14 -15.44	22.18 1.38 0.00	23.44 1.58 -0.14	21.19 1.43 -0.84	21.64 1.44 0.00	19.59 1.31 0.00	16.36 1.07 0.00	19.18 1.15 0.00	22.51 1.37 0.00	32.25 2.04 -0.21	39.08 2.35 -2.82	32.05 2.03 0.00	26.48 1.64 0.00	23.12 1.37 -0.59	23.46 1.38 -1.41	20.89 1.22 -0.89
WHITEHAL_115KV_TB1 80871	20.40 1.23 -1.22	22.85 0.87 -9.88	22.76 0.80 -11.25	23.98 0.76 -13.23	27.89 0.13 -26.29	27.93 1.03 -15.36	78.14 -0.75 -86.34	45.45 2.02 -24.63	37.81 1.38 -20.71	22.48 1.68 0.00	23.55 1.66 -0.18	21.44 1.40 -1.12	21.37 1.17 0.00	19.38 1.10 0.00	16.22 0.93 0.00	19.18 1.15 0.00	22.85 1.71 0.00	32.48 2.20 -0.28	40.59 2.93 -3.76	32.06 2.04 0.00	26.48 1.63 0.00	23.38 1.43 -0.79	23.91 1.37 -1.87	21.13 1.16 -1.18
WHITEPLN_13_KV_LOAD 356215	20.27 1.36 -0.95	20.74 0.90 -7.73	20.20 0.79 -8.70	20.96 0.75 -10.22	21.89 0.11 -20.32	24.28 0.86 -11.87	58.69 -0.59 -66.74	39.37 1.53 -19.04	33.07 1.33 -16.02	22.40 1.60 0.00	23.67 1.82 -0.14	21.43 1.65 -0.87	21.87 1.68 0.00	19.80 1.52 0.00	16.54 1.25 0.00	19.39 1.37 0.00	22.74 1.60 0.00	32.67 2.45 -0.22	39.53 2.70 -2.93	32.47 2.45 0.00	26.76 1.91 0.00	23.37 1.60 -0.61	23.76 1.63 -1.46	21.15 1.44 -0.92
WM_FLOYD_69_KV_BK2 356380	20.67 1.75 -0.95	21.04 1.20 -7.74	20.47 1.05 -8.72	21.24 1.00 -10.24	21.96 0.13 -20.36	24.43 0.99 -11.90	58.71 -0.73 -66.88	39.70 1.82 -19.08	33.44 1.67 -16.05	22.63 1.83 0.00	23.89 2.04 -0.14	21.73 1.94 -0.87	22.20 2.00 0.00	20.06 1.79 0.00	16.74 1.46 0.00	19.50 1.47 0.00	22.89 1.76 0.00	33.20 2.98 -0.22	40.23 3.39 -2.93	33.10 3.08 0.00	27.03 2.18 0.00	23.56 1.79 -0.61	23.99 1.85 -1.46	21.48 1.78 -0.92
WOODARD___115KV_TB2 355635	18.03 -0.11 -0.19	13.56 -0.08 -1.54	12.38 -0.08 -1.76	11.99 -0.07 -2.07	5.58 -0.01 -4.12	13.87 -0.08 -2.41	6.14 0.06 -13.53	22.56 -0.10 -3.86	18.90 -0.07 -3.25	20.67 -0.14 0.00	21.59 -0.15 -0.03	18.99 -0.11 -0.18	20.06 -0.13 0.00	18.13 -0.14 0.00	15.13 -0.16 0.00	17.77 -0.25 0.00	20.87 -0.27 0.00	29.72 -0.33 -0.04	34.11 -0.35 -0.56	29.71 -0.31 0.00	24.56 -0.29 0.00	21.02 -0.26 -0.12	20.71 -0.24 -0.28	18.70 -0.26 -0.18
YORK___WARBASSE 23770	20.32 1.41 -0.95	20.77 0.92 -7.74	20.25 0.82 -8.72	21.03 0.79 -10.25	21.95 0.12 -20.37	24.38 0.94 -11.90	58.88 -0.58 -66.91	39.48 1.58 -19.09	33.13 1.36 -16.05	22.49 1.68 0.00	23.79 1.94 -0.14	21.58 1.79 -0.87	22.00 1.81 0.00	19.97 1.69 0.00	16.67 1.38 0.00	19.50 1.47 0.00	22.83 1.70 0.00	32.59 2.37 -0.22	39.55 2.72 -2.93	32.57 2.55 0.00	26.94 2.09 0.00	23.53 1.76 -0.61	23.86 1.73 -1.46	21.24 1.53 -0.92