

Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion										
Generator Data																									02/14/2024			
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00			
59TH STREET_GT_1		31.63	29.13	28.25	28.25	29.09	33.04	45.83	47.73	45.09	43.39	43.30	42.97	42.95	42.59	42.63	42.74	47.00	50.88	55.02	49.22	43.37	42.78	38.50	35.97			
24138		2.17	2.13	2.09	2.06	2.16	2.35	2.88	3.43	3.65	3.30	3.32	3.29	3.28	3.15	3.09	3.13	3.32	4.15	4.45	4.32	3.70	3.31	3.13	2.86			
		-2.02	0.00	0.00	-0.05	0.00	-3.09	-11.01	-9.28	-7.35	-9.29	-9.21	-8.98	-9.31	-10.26	-11.21	-10.11	-12.94	-9.01	-9.75	-4.87	-5.15	-7.64	-4.69	-3.57			
74TH STREET_GT_1		31.74	29.21	28.36	28.38	29.20	33.13	45.92	47.82	45.07	43.57	43.48	43.18	43.17	42.83	42.93	42.95	47.22	50.99	55.19	49.35	43.42	42.86	38.56	36.05			
24260		2.28	2.21	2.20	2.20	2.26	2.43	2.97	3.50	3.61	3.30	3.32	3.29	3.28	3.15	3.12	3.13	3.32	4.15	4.45	4.36	3.73	3.37	3.16	2.95			
		-2.02	0.00	0.00	-0.05	0.00	-3.09	-11.01	-9.30	-7.36	-9.47	-9.39	-9.19	-9.53	-10.50	-11.48	-10.32	-13.16	-9.12	-9.92	-4.97	-5.16	-7.65	-4.73	-3.57			
74TH STREET_GT_2		31.74	29.21	28.36	28.38	29.20	33.13	45.92	47.82	45.07	43.57	43.48	43.18	43.17	42.83	42.93	42.95	47.22	50.99	55.19	49.35	43.42	42.86	38.56	36.05			
24261		2.28	2.21	2.20	2.20	2.26	2.43	2.97	3.50	3.61	3.30	3.32	3.29	3.28	3.15	3.12	3.13	3.32	4.15	4.45	4.36	3.73	3.37	3.16	2.95			
		-2.02	0.00	0.00	-0.05	0.00	-3.09	-11.01	-9.30	-7.36	-9.47	-9.39	-9.19	-9.53	-10.50	-11.48	-10.32	-13.16	-9.12	-9.92	-4.97	-5.16	-7.65	-4.73	-3.57			
ADK HUDSON___FALLS		31.78	28.78	27.88	27.95	28.71	32.76	47.32	48.52	45.11	34.84	34.21	32.68	31.61	30.46	29.61	32.59	37.17	45.46	46.65	43.65	43.09	43.22	36.69	35.59			
24011		1.81	1.78	1.73	1.75	1.78	1.30	1.63	1.89	1.84	1.57	1.45	1.38	1.24	1.28	1.28	1.36	1.78	2.26	2.61	2.36	2.14	1.85	1.72	1.62			
		-2.53	0.00	0.00	-0.06	0.00	-3.86	-13.76	-11.61	-9.18	-2.47	-2.00	-0.59	0.00	0.00	0.00	-1.73	-4.65	-5.48	-3.22	-1.26	-6.43	-9.54	-4.29	-4.44			
ADK RESOURCE___RCVRY		31.86	28.86	27.91	27.98	28.79	32.79	47.39	48.46	45.07	34.91	34.19	32.65	31.61	30.46	29.58	32.57	37.22	45.52	46.71	43.68	43.11	43.20	36.68	35.63			
23798		1.89	1.86	1.75	1.78	1.86	1.33	1.69	1.92	1.87	1.66	1.42	1.35	1.25	1.28	1.25	1.33	1.81	2.30	2.65	2.40	2.21	1.91	1.75	1.65			
		-2.53	0.00	0.00	-0.06	0.00	-3.86	-13.76	-11.52	-9.11	-2.45	-2.01	-0.59	0.00	0.00	0.00	-1.74	-4.67	-5.50	-3.23	-1.25	-6.38	-9.46	-4.26	-4.45			
ADK S GLENS___FALLS		31.78	28.78	27.88	27.95	28.71	32.76	47.32	48.52	45.11	34.84	34.21	32.68	31.61	30.46	29.61	32.59	37.17	45.46	46.65	43.65	43.09	43.22	36.69	35.59			
24028		1.81	1.78	1.73	1.75	1.78	1.30	1.63	1.89	1.84	1.57	1.45	1.38	1.24	1.28	1.28	1.36	1.78	2.26	2.61	2.36	2.14	1.85	1.72	1.62			
		-2.53	0.00	0.00	-0.06	0.00	-3.86	-13.76	-11.61	-9.18	-2.47	-2.00	-0.59	0.00	0.00	0.00	-1.73	-4.65	-5.48	-3.22	-1.26	-6.43	-9.54	-4.29	-4.44			
ADK_NYS___DAM		31.83	28.91	27.99	28.02	28.88	33.35	47.64	48.96	45.68	35.73	35.24	33.82	32.82	31.54	30.66	33.52	37.74	46.18	47.37	44.59	43.53	43.54	37.27	36.24			
23527		1.95	1.92	1.83	1.83	1.94	2.01	2.40	2.90	2.86	2.59	2.55	2.55	2.46	2.36	2.32	2.36	2.55	3.20	3.47	3.36	2.90	2.64	2.52	2.45			
		-2.44	0.00	0.00	-0.06	0.00	-3.73	-13.30	-11.04	-8.72	-2.35	-1.92	-0.57	0.00	0.00	0.00	-1.66	-4.45	-5.25	-3.08	-1.20	-6.11	-9.07	-4.08	-4.26			
AIR_PRODUCTS___DRP		31.29	28.40	27.54	27.58	28.34	32.76	46.60	47.44	44.09	34.30	33.88	32.51	31.49	30.32	29.44	32.28	36.33	44.29	45.30	42.53	41.83	42.08	35.95	35.06			
24190		1.40	1.40	1.39	1.39	1.40	1.41	1.31	1.16	1.09	1.11	1.17	1.23	1.12	1.14	1.11	1.09	1.08	1.24	1.35	1.28	1.07	0.99	1.10	1.21			
		-2.45	0.00	0.00	-0.06	0.00	-3.74	-13.35	-11.27	-8.91	-2.40	-1.94	-0.58	0.00	0.00	0.00	-1.69	-4.52	-5.33	-3.13	-1.22	-6.24	-9.26	-4.17	-4.33			
AKWESSNE_115KV_BK		26.92	26.46	25.61	25.61	26.37	26.83	30.91	33.90	32.96	29.75	29.75	29.75	29.61	28.42	27.60	28.79	29.72	36.44	39.48	38.78	33.52	30.88	29.85	28.73			
355683		-0.52	-0.54	-0.55	-0.52	-0.57	-0.77	-1.02	-1.12	-1.12	-1.05	-1.02	-0.95	-0.76	-0.76	-0.74	-0.71	-1.01	-1.28	-1.35	-1.24	-1.00	-0.95	-0.83	-0.80			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY_1_SOLAR		31.46	28.67	27.70	27.76	28.58	32.93	46.74	47.70	44.35	34.59	34.12	32.71	31.73	30.55	29.70	32.51	36.65	44.73	45.90	43.10	42.27	42.43	36.31	35.37			
323833		1.62	1.67	1.54	1.57	1.64	1.66	1.72	1.68	1.57	1.45	1.45	1.44	1.37	1.37	1.36	1.36	1.48	1.77	2.00	1.88	1.66	1.56	1.56	1.59			
		-2.40	0.00	0.00	-0.06	0.00	-3.67	-13.08	-11.00	-8.70	-2.34	-1.91	-0.57	0.00	0.00	0.00	-1.66	-4.44	-5.23	-3.07	-1.20	-6.09	-9.04	-4.07	-4.25			
ALBANY_2_SOLAR		31.46	28.67	27.70	27.76	28.58	32.93	46.74	47.67	44.35	34.59	34.09	32.71	31.73	30.52	29.70	32.51	36.65	44.73	45.86	43.10	42.27	42.40	36.31	35.37			
323834		1.62	1.67	1.54	1.57	1.64	1.66	1.72	1.65	1.57	1.45	1.42	1.44	1.37	1.34	1.36	1.36	1.48	1.77	1.96	1.88	1.66	1.53	1.56	1.59			
		-2.40	0.00	0.00	-0.06	0.00	-3.67	-13.09	-11.00	-8.70	-2.34	-1.91	-0.57	0.00	0.00	0.00	-1.66	-4.44	-5.23	-3.07	-1.20	-6.09	-9.04	-4.07	-4.25			
ALBANY___1		31.29	28.40	27.54	27.58	28.34	32.76	46.60	47.44	44.09	34.30	33.88	32.51	31.49	30.32	29.44	32.28	36.33	44.29	45.30	42.53	41.83	42.08	35.95	35.06			
23571		1.40	1.40	1.39	1.39	1.40	1.41	1.31	1.16	1.09	1.11	1.17	1.23	1.12	1.14	1.11	1.09	1.08	1.24	1.35	1.28	1.07	0.99	1.10	1.21			
		-2.45	0.00	0.00	-0.06	0.00	-3.74	-13.35	-11.27	-8.91	-2.40	-1.94	-0.58	0.00	0.00	0.00	-1.69	-4.52	-5.33	-3.13	-1.22	-6.24	-9.26	-4.17	-4.33			

ALBANY___2 23572	31.29 1.40 -2.45	28.40 1.40 0.00	27.54 1.39 0.00	27.58 1.39 -0.06	28.34 1.40 0.00	32.76 1.41 -3.74	46.60 1.31 -13.35	47.44 1.16 -11.27	44.09 1.09 -8.91	34.30 1.11 -2.40	33.88 1.17 -1.94	32.51 1.23 -0.58	31.49 1.12 0.00	30.32 1.14 0.00	29.44 1.11 0.00	32.28 1.09 -1.69	36.33 1.08 -4.52	44.29 1.24 -5.33	45.30 1.35 -3.13	42.53 1.28 -1.22	41.83 1.07 -6.24	42.08 0.99 -9.26	35.95 1.10 -4.17	35.06 1.21 -4.33
ALBANY___3 23573	31.29 1.40 -2.45	28.40 1.40 0.00	27.54 1.39 0.00	27.58 1.39 -0.06	28.34 1.40 0.00	32.76 1.41 -3.74	46.60 1.31 -13.35	47.44 1.16 -11.27	44.09 1.09 -8.91	34.30 1.11 -2.40	33.88 1.17 -1.94	32.51 1.23 -0.58	31.49 1.12 0.00	30.32 1.14 0.00	29.44 1.11 0.00	32.28 1.09 -1.69	36.33 1.08 -4.52	44.29 1.24 -5.33	45.30 1.35 -3.13	42.53 1.28 -1.22	41.83 1.07 -6.24	42.08 0.99 -9.26	35.95 1.10 -4.17	35.06 1.21 -4.33
ALBANY___4 23574	31.29 1.40 -2.45	28.40 1.40 0.00	27.54 1.39 0.00	27.58 1.39 -0.06	28.34 1.40 0.00	32.76 1.41 -3.74	46.60 1.31 -13.35	47.44 1.16 -11.27	44.09 1.09 -8.91	34.30 1.11 -2.40	33.88 1.17 -1.94	32.51 1.23 -0.58	31.49 1.12 0.00	30.32 1.14 0.00	29.44 1.11 0.00	32.28 1.09 -1.69	36.33 1.08 -4.52	44.29 1.24 -5.33	45.30 1.35 -3.13	42.53 1.28 -1.22	41.83 1.07 -6.24	42.08 0.99 -9.26	35.95 1.10 -4.17	35.06 1.21 -4.33
ALBANY___LFGE 323615	31.45 1.54 -2.47	28.56 1.57 0.00	27.65 1.49 0.00	27.68 1.49 -0.06	28.50 1.56 0.00	32.96 1.57 -3.78	46.96 1.56 -13.46	47.79 1.47 -11.30	44.45 1.43 -8.93	34.62 1.42 -2.40	34.17 1.45 -1.96	32.76 1.47 -0.58	31.73 1.37 0.00	30.55 1.37 0.00	29.70 1.36 0.00	32.56 1.36 -1.70	36.68 1.38 -4.56	44.75 1.66 -5.37	45.77 1.79 -3.15	42.93 1.68 -1.23	42.23 1.45 -6.26	42.45 1.34 -9.28	36.23 1.38 -4.18	35.37 1.48 -4.36
ALCOA_PA_115KV_PL-6C 55860	27.03 -0.41 0.00	26.54 -0.46 0.00	25.69 -0.47 0.00	25.72 -0.42 0.00	26.45 -0.48 0.00	26.89 -0.72 0.00	30.98 -0.96 0.00	34.00 -1.02 0.00	33.03 -1.06 0.00	29.82 -0.99 0.00	29.81 -0.95 0.00	29.85 -0.86 0.00	29.70 -0.67 0.00	28.51 -0.67 0.00	27.65 -0.68 0.00	28.88 -0.62 0.00	29.79 -0.95 0.00	36.51 -1.21 0.00	39.60 -1.22 0.00	38.90 -1.12 0.00	33.63 -0.90 0.00	30.94 -0.89 0.00	29.94 -0.74 0.00	28.82 -0.71 0.00
ALCOA_RYNLDS___DRP 24188	27.03 -0.41 0.00	26.54 -0.46 0.00	25.69 -0.47 0.00	25.72 -0.42 0.00	26.45 -0.48 0.00	26.89 -0.72 0.00	30.98 -0.96 0.00	34.00 -1.02 0.00	33.03 -1.06 0.00	29.82 -0.99 0.00	29.81 -0.95 0.00	29.85 -0.86 0.00	29.70 -0.67 0.00	28.51 -0.67 0.00	27.65 -0.68 0.00	28.88 -0.62 0.00	29.79 -0.95 0.00	36.51 -1.21 0.00	39.60 -1.22 0.00	38.90 -1.12 0.00	33.63 -0.90 0.00	30.94 -0.89 0.00	29.94 -0.74 0.00	28.82 -0.71 0.00
ALCOA___DSASP 323711	27.03 -0.41 0.00	26.54 -0.46 0.00	25.74 -0.42 0.00	25.72 -0.42 0.00	26.48 -0.46 0.00	26.89 -0.72 0.00	30.98 -0.96 0.00	34.00 -1.02 0.00	33.03 -1.06 0.00	29.81 -0.99 0.00	29.81 -0.95 0.00	29.85 -0.86 0.00	29.70 -0.67 0.00	28.51 -0.67 0.00	27.65 -0.68 0.00	28.88 -0.62 0.00	29.78 -0.95 0.00	36.51 -1.21 0.00	39.60 -1.22 0.00	38.90 -1.12 0.00	33.63 -0.90 0.00	30.94 -0.89 0.00	29.97 -0.70 0.00	28.82 -0.71 0.00
ALLEGHENY___COGEN 23514	28.20 0.36 -0.41	27.46 0.46 0.00	26.47 0.32 0.00	26.51 0.37 -0.01	27.39 0.46 0.00	29.17 0.94 -0.62	35.72 1.56 -2.22	38.50 1.61 -1.87	36.86 1.30 -1.48	32.15 0.96 -0.40	31.86 0.77 -0.33	31.45 0.65 -0.10	30.79 0.42 0.00	29.65 0.47 0.00	28.79 0.45 0.00	30.28 0.50 -0.28	32.81 1.32 -0.76	40.65 2.04 -0.89	43.80 2.45 -0.52	42.27 2.04 -0.20	37.22 1.66 -1.04	34.90 1.53 -1.54	32.53 1.17 -0.69	31.64 1.39 -0.72
ALTAMONT_115KV_TB 2 55880	31.09 1.21 -2.45	28.21 1.21 0.00	27.34 1.18 0.00	27.37 1.18 -0.06	28.15 1.21 0.00	32.59 1.24 -3.74	46.67 1.41 -13.33	47.74 1.47 -11.25	44.45 1.47 -8.89	34.52 1.32 -2.39	34.04 1.32 -1.95	32.60 1.32 -0.58	31.64 1.28 0.00	30.43 1.25 0.00	29.55 1.22 0.00	32.43 1.24 -1.69	36.59 1.32 -4.53	44.68 1.62 -5.34	45.67 1.71 -3.14	42.93 1.68 -1.22	42.20 1.45 -6.23	42.41 1.34 -9.24	36.15 1.32 -4.16	35.16 1.30 -4.33
ALTONA_WT_PWR 323606	27.19 -0.25 0.00	26.65 -0.35 0.00	25.74 -0.42 0.00	25.61 -0.52 0.00	26.32 -0.62 0.00	26.70 -0.91 0.00	30.66 -1.28 0.00	33.55 -1.47 0.00	32.42 -1.67 0.00	29.26 -1.54 0.00	29.14 -1.63 0.00	29.14 -1.56 0.00	28.88 -1.49 0.00	27.69 -1.49 0.00	26.86 -1.47 0.00	28.11 -1.39 0.00	29.08 -1.66 0.00	35.76 -1.96 0.00	38.86 -1.96 0.00	38.22 -1.80 0.00	33.14 -1.38 0.00	30.52 -1.31 0.00	29.60 -1.07 0.00	28.55 -0.97 0.00
AMERICAN_REF_FUEL 24010	25.29 -2.47 -0.32	24.81 -2.19 0.00	23.78 -2.38 0.00	23.79 -2.35 -0.01	24.40 -2.53 0.00	26.08 -2.01 -0.48	31.14 -2.52 -1.73	33.22 -3.26 -1.46	32.07 -3.17 -1.15	28.49 -2.62 -0.31	28.47 -2.55 -0.25	28.20 -2.58 -0.07	27.57 -2.79 0.00	26.67 -2.51 0.00	25.78 -2.55 0.00	27.01 -2.71 -0.22	28.68 -2.64 -0.59	34.94 -3.47 -0.69	37.03 -4.20 -0.41	36.02 -4.16 -0.16	31.91 -3.42 -0.81	29.97 -3.06 -1.20	28.24 -2.97 -0.54	27.96 -2.13 -0.56
ARKWRIGHT___SUMMIT_WT_PWR 323751	25.61 -2.20 -0.36	25.40 -1.59 0.00	24.06 -2.09 0.00	24.18 -1.96 -0.01	25.24 -1.70 0.00	26.62 -1.55 -0.55	32.28 -1.63 -1.98	34.65 -2.03 -1.67	33.39 -2.01 -1.32	29.52 -1.63 -0.35	29.46 -1.60 -0.29	29.16 -1.63 -0.09	29.03 -1.34 0.00	28.04 -1.14 0.00	27.09 -1.25 0.00	27.89 -1.86 -0.25	29.75 -1.66 -0.67	36.63 -1.88 -0.79	38.84 -2.45 -0.47	37.72 -2.48 -0.18	33.44 -2.00 -0.92	31.48 -1.72 -1.37	29.54 -1.75 -0.62	29.19 -0.97 -0.64
ARTHUR KILL_GT_1 23520	31.61 2.14 -2.03	29.08 2.08 -0.01	28.18 2.01 -0.01	28.21 2.01 -0.06	29.05 2.10 -0.01	32.94 2.24 -3.10	45.67 2.71 -11.02	47.52 3.22 -9.29	47.34 3.31 -9.95	43.21 2.96 -9.45	44.81 2.98 -11.06	44.63 2.95 -10.98	44.60 2.92 -11.32	42.46 2.80 -10.48	42.54 2.75 -11.46	47.29 2.83 -14.96	50.15 3.04 -16.37	57.86 3.81 -16.33	140.95 4.12 -96.00	82.47 4.04 -38.40	52.14 3.45 -14.16	42.61 3.12 -7.66	38.36 2.95 -4.74	35.89 2.77 -3.58
ARTHUR_KILL_2 23512	31.53 2.06 -2.03	29.00 2.00 -0.01	28.13 1.96 -0.01	28.13 1.93 -0.06	28.96 2.02 -0.01	32.86 2.15 -3.10	45.58 2.62 -11.02	47.42 3.12 -9.29	47.21 3.17 -9.95	43.12 2.86 -9.45	44.72 2.89 -11.06	44.54 2.86 -10.98	44.54 2.85 -11.32	42.37 2.71 -10.48	42.49 2.69 -11.46	47.20 2.74 -14.96	50.03 2.92 -16.37	57.71 3.66 -16.33	140.83 4.00 -96.00	82.31 3.88 -38.40	52.00 3.31 -14.16	42.51 3.03 -7.66	38.27 2.85 -4.74	35.80 2.69 -3.58
ARTHUR_KILL_3 23513	31.41 1.95 -2.02	28.89 1.89 0.00	28.02 1.86 0.00	28.01 1.83 -0.05	28.85 1.91 0.00	32.80 2.10 -3.09	45.47 2.52 -11.01	47.35 3.04 -9.29	45.62 3.13 -8.40	43.05 2.86 -9.38	44.63 2.89 -10.98	44.45 2.86 -10.88	44.44 2.85 -11.22	42.31 2.74 -10.38	42.38 2.69 -11.35	44.30 2.71 -12.09	49.85 2.83 -16.29	53.24 3.54 -11.97	136.53 3.84 -91.87	77.38 3.72 -33.63	46.51 3.21 -8.78	42.41 2.93 -7.65	38.15 2.76 -4.72	35.67 2.57 -3.57

ARTHUR_KILL_COGEN 323718	31.61 2.14 -2.03	29.08 2.08 -0.01	28.18 2.01 -0.01	28.21 2.01 -0.06	29.05 2.10 -0.01	32.94 2.24 -3.10	45.67 2.71 -11.02	47.52 3.22 -9.29	47.34 3.31 -9.95	43.21 2.96 -9.45	44.81 2.98 -11.06	44.63 2.95 -10.98	44.60 2.92 -11.32	42.46 2.80 -10.48	42.54 2.75 -11.46	47.29 2.83 -14.96	50.15 3.04 -16.37	57.86 3.81 -16.33	140.95 4.12 -96.00	82.47 4.04 -38.40	52.14 3.45 -14.16	42.61 3.12 -7.66	38.36 2.95 -4.74	35.89 2.77 -3.58
ASHOKAN____ 23654	30.83 1.18 -2.21	29.32 2.32 0.00	27.52 1.36 0.00	27.84 1.65 -0.05	29.28 2.34 0.00	32.31 1.33 -3.38	45.46 1.47 -12.05	46.48 1.33 -10.14	43.22 1.12 -8.01	33.75 0.80 -2.15	33.26 0.74 -1.76	31.90 0.67 -0.52	31.67 1.30 0.00	30.41 1.23 0.00	29.64 1.30 0.00	31.73 0.71 -1.53	35.69 0.86 -4.09	43.67 1.13 -4.82	45.25 1.59 -2.83	42.37 1.24 -1.10	41.17 1.03 -5.61	41.05 0.89 -8.33	35.37 0.95 -3.75	34.32 0.89 -3.91
ASTORIA_EAST_ENERGY_CC1 323581	31.53 2.06 -2.03	29.03 2.03 -0.01	28.13 1.96 -0.01	28.15 1.96 -0.06	29.02 2.07 -0.01	32.97 2.26 -3.10	45.67 2.71 -11.02	47.52 3.22 -9.29	44.81 3.38 -7.34	43.36 3.11 -9.45	43.27 3.14 -9.37	42.97 3.10 -9.16	42.97 3.10 -9.50	42.63 2.98 -10.47	42.70 2.92 -11.45	42.74 2.95 -10.29	46.97 3.10 -13.13	50.71 3.89 -9.10	54.93 4.21 -9.90	49.06 4.08 -4.95	43.15 3.49 -5.15	42.64 3.18 -7.63	38.36 2.97 -4.71	35.80 2.69 -3.58
ASTORIA_EAST_ENERGY_CC2 323582	31.53 2.06 -2.03	29.03 2.03 -0.01	28.13 1.96 -0.01	28.15 1.96 -0.06	29.02 2.07 -0.01	32.97 2.26 -3.10	45.67 2.71 -11.02	47.52 3.22 -9.29	44.81 3.38 -7.34	43.36 3.11 -9.45	43.27 3.14 -9.37	42.97 3.10 -9.16	42.97 3.10 -9.50	42.63 2.98 -10.47	42.70 2.92 -11.45	42.74 2.95 -10.29	46.97 3.10 -13.13	50.71 3.89 -9.10	54.93 4.21 -9.90	49.06 4.08 -4.95	43.15 3.49 -5.15	42.64 3.18 -7.63	38.36 2.97 -4.71	35.80 2.69 -3.58
ASTORIA_GT2_1 24094	31.52 2.06 -2.02	29.02 2.02 0.00	28.17 2.01 0.00	28.20 2.01 -0.05	29.04 2.10 0.00	32.99 2.29 -3.09	45.66 2.71 -11.01	47.50 3.19 -9.30	44.79 3.34 -7.36	43.36 3.11 -9.45	43.27 3.14 -9.37	42.97 3.10 -9.16	42.97 3.10 -9.50	42.66 3.01 -10.47	42.73 2.95 -11.45	42.77 2.98 -10.29	47.01 3.14 -13.13	50.71 3.89 -9.10	54.93 4.20 -9.90	49.10 4.12 -4.95	43.20 3.52 -5.16	42.66 3.18 -7.65	38.40 3.01 -4.72	35.79 2.69 -3.57
ASTORIA_GT2_2 24095	31.52 2.06 -2.02	29.02 2.02 0.00	28.17 2.01 0.00	28.20 2.01 -0.05	29.04 2.10 0.00	32.99 2.29 -3.09	45.66 2.71 -11.01	47.50 3.19 -9.30	44.79 3.34 -7.36	43.36 3.11 -9.45	43.27 3.14 -9.37	42.97 3.10 -9.16	42.97 3.10 -9.50	42.66 3.01 -10.47	42.73 2.95 -11.45	42.77 2.98 -10.29	47.01 3.14 -13.13	50.71 3.89 -9.10	54.93 4.20 -9.90	49.10 4.12 -4.95	43.20 3.52 -5.16	42.66 3.18 -7.65	38.40 3.01 -4.72	35.79 2.69 -3.57
ASTORIA_GT2_3 24096	31.52 2.06 -2.02	29.02 2.02 0.00	28.17 2.01 0.00	28.20 2.01 -0.05	29.04 2.10 0.00	32.99 2.29 -3.09	45.66 2.71 -11.01	47.50 3.19 -9.30	44.79 3.34 -7.36	43.36 3.11 -9.45	43.27 3.14 -9.37	42.97 3.10 -9.16	42.97 3.10 -9.50	42.66 3.01 -10.47	42.73 2.95 -11.45	42.77 2.98 -10.29	47.01 3.14 -13.13	50.71 3.89 -9.10	54.93 4.20 -9.90	49.10 4.12 -4.95	43.20 3.52 -5.16	42.66 3.18 -7.65	38.40 3.01 -4.72	35.79 2.69 -3.57
ASTORIA_GT2_4 24097	31.52 2.06 -2.02	29.02 2.02 0.00	28.17 2.01 0.00	28.20 2.01 -0.05	29.04 2.10 0.00	32.99 2.29 -3.09	45.66 2.71 -11.01	47.50 3.19 -9.30	44.79 3.34 -7.36	43.36 3.11 -9.45	43.27 3.14 -9.37	42.97 3.10 -9.16	42.97 3.10 -9.50	42.66 3.01 -10.47	42.73 2.95 -11.45	42.77 2.98 -10.29	47.01 3.14 -13.13	50.71 3.89 -9.10	54.93 4.20 -9.90	49.10 4.12 -4.95	43.20 3.52 -5.16	42.66 3.18 -7.65	38.40 3.01 -4.72	35.79 2.69 -3.57
ASTORIA_GT3_1 24098	31.52 2.06 -2.02	29.02 2.02 0.00	28.17 2.01 0.00	28.20 2.01 -0.05	29.04 2.10 0.00	32.99 2.29 -3.09	45.66 2.71 -11.01	47.50 3.19 -9.30	44.79 3.34 -7.36	43.36 3.11 -9.45	43.27 3.14 -9.37	42.97 3.10 -9.16	42.97 3.10 -9.50	42.66 3.01 -10.47	42.73 2.95 -11.45	42.77 2.98 -10.29	47.01 3.14 -13.13	50.71 3.89 -9.10	54.93 4.20 -9.90	49.10 4.12 -4.95	43.20 3.52 -5.16	42.66 3.18 -7.65	38.40 3.01 -4.72	35.79 2.69 -3.57
ASTORIA_GT3_2 24099	31.52 2.06 -2.02	29.02 2.02 0.00	28.17 2.01 0.00	28.20 2.01 -0.05	29.04 2.10 0.00	32.99 2.29 -3.09	45.66 2.71 -11.01	47.50 3.19 -9.30	44.79 3.34 -7.36	43.36 3.11 -9.45	43.27 3.14 -9.37	42.97 3.10 -9.16	42.97 3.10 -9.50	42.66 3.01 -10.47	42.73 2.95 -11.45	42.77 2.98 -10.29	47.01 3.14 -13.13	50.71 3.89 -9.10	54.93 4.20 -9.90	49.10 4.12 -4.95	43.20 3.52 -5.16	42.66 3.18 -7.65	38.40 3.01 -4.72	35.79 2.69 -3.57
ASTORIA_GT3_3 24100	31.52 2.06 -2.02	29.02 2.02 0.00	28.17 2.01 0.00	28.20 2.01 -0.05	29.04 2.10 0.00	32.99 2.29 -3.09	45.66 2.71 -11.01	47.50 3.19 -9.30	44.79 3.34 -7.36	43.36 3.11 -9.45	43.27 3.14 -9.37	42.97 3.10 -9.16	42.97 3.10 -9.50	42.66 3.01 -10.47	42.73 2.95 -11.45	42.77 2.98 -10.29	47.01 3.14 -13.13	50.71 3.89 -9.10	54.93 4.20 -9.90	49.10 4.12 -4.95	43.20 3.52 -5.16	42.66 3.18 -7.65	38.40 3.01 -4.72	35.79 2.69 -3.57
ASTORIA_GT3_4 24101	31.52 2.06 -2.02	29.02 2.02 0.00	28.17 2.01 0.00	28.20 2.01 -0.05	29.04 2.10 0.00	32.99 2.29 -3.09	45.66 2.71 -11.01	47.50 3.19 -9.30	44.79 3.34 -7.36	43.36 3.11 -9.45	43.27 3.14 -9.37	42.97 3.10 -9.16	42.97 3.10 -9.50	42.66 3.01 -10.47	42.73 2.95 -11.45	42.77 2.98 -10.29	47.01 3.14 -13.13	50.71 3.89 -9.10	54.93 4.20 -9.90	49.10 4.12 -4.95	43.20 3.52 -5.16	42.66 3.18 -7.65	38.40 3.01 -4.72	35.79 2.69 -3.57
ASTORIA_GT4_1 24102	31.52 2.06 -2.02	29.02 2.02 0.00	28.17 2.01 0.00	28.20 2.01 -0.05	29.04 2.10 0.00	32.99 2.29 -3.09	45.66 2.71 -11.01	47.50 3.19 -9.30	44.79 3.34 -7.36	43.36 3.11 -9.45	43.27 3.14 -9.37	42.97 3.10 -9.16	42.97 3.10 -9.50	42.66 3.01 -10.47	42.73 2.95 -11.45	42.77 2.98 -10.29	47.01 3.14 -13.13	50.71 3.89 -9.10	54.93 4.20 -9.90	49.10 4.12 -4.95	43.20 3.52 -5.16	42.66 3.18 -7.65	38.40 3.01 -4.72	35.79 2.69 -3.57
ASTORIA_GT4_2 24103	31.52 2.06 -2.02	29.02 2.02 0.00	28.17 2.01 0.00	28.20 2.01 -0.05	29.04 2.10 0.00	32.99 2.29 -3.09	45.66 2.71 -11.01	47.50 3.19 -9.30	44.79 3.34 -7.36	43.36 3.11 -9.45	43.27 3.14 -9.37	42.97 3.10 -9.16	42.97 3.10 -9.50	42.66 3.01 -10.47	42.73 2.95 -11.45	42.77 2.98 -10.29	47.01 3.14 -13.13	50.71 3.89 -9.10	54.93 4.20 -9.90	49.10 4.12 -4.95	43.20 3.52 -5.16	42.66 3.18 -7.65	38.40 3.01 -4.72	35.79 2.69 -3.57
ASTORIA_GT4_3 24104	31.52 2.06 -2.02	29.02 2.02 0.00	28.17 2.01 0.00	28.20 2.01 -0.05	29.04 2.10 0.00	32.99 2.29 -3.09	45.66 2.71 -11.01	47.50 3.19 -9.30	44.79 3.34 -7.36	43.36 3.11 -9.45	43.27 3.14 -9.37	42.97 3.10 -9.16	42.97 3.10 -9.50	42.66 3.01 -10.47	42.73 2.95 -11.45	42.77 2.98 -10.29	47.01 3.14 -13.13	50.71 3.89 -9.10	54.93 4.20 -9.90	49.10 4.12 -4.95	43.20 3.52 -5.16	42.66 3.18 -7.65	38.40 3.01 -4.72	35.79 2.69 -3.57

ASTORIA_GT4_4 24105	31.52 2.06 -2.02	29.02 2.02 0.00	28.17 2.01 0.00	28.20 2.01 -0.05	29.04 2.10 0.00	32.99 2.29 -3.09	45.66 2.71 -11.01	47.50 3.19 -9.30	44.79 3.34 -7.36	43.36 3.11 -9.45	43.27 3.14 -9.37	42.97 3.10 -9.16	42.97 3.10 -9.50	42.66 3.01 -10.47	42.73 2.95 -11.45	42.77 2.98 -10.29	47.01 3.14 -13.13	50.71 3.89 -9.10	54.93 4.20 -9.90	49.10 4.12 -4.95	43.20 3.52 -5.16	42.66 3.18 -7.65	38.40 3.01 -4.72	35.79 2.69 -3.57
ASTORIA_GT_1 23523	31.59 2.11 -2.03	29.08 2.08 -0.01	28.18 2.01 -0.01	28.21 2.01 -0.06	29.07 2.13 -0.01	33.03 2.32 -3.10	45.74 2.78 -11.02	47.60 3.29 -9.29	44.91 3.48 -7.34	43.42 3.17 -9.45	43.33 3.20 -9.37	43.03 3.16 -9.16	43.03 3.16 -9.50	42.72 3.06 -10.47	42.76 2.97 -11.45	42.83 3.04 -10.29	47.07 3.20 -13.13	50.82 4.00 -9.10	55.01 4.29 -9.90	49.17 4.20 -4.95	43.26 3.59 -5.15	42.71 3.25 -7.63	38.45 3.07 -4.71	35.86 2.75 -3.58
ASTORIA_GT_10 24110	31.63 2.17 -2.02	29.10 2.11 0.00	28.25 2.09 0.00	28.28 2.09 -0.05	29.09 2.15 0.00	33.02 2.32 -3.09	45.73 2.78 -11.01	47.61 3.29 -9.30	47.42 3.37 -9.96	43.34 3.08 -9.46	47.41 3.11 -13.54	47.41 3.07 -13.63	47.41 3.07 -13.98	42.64 2.98 -10.48	42.71 2.92 -11.46	47.41 2.95 -14.96	55.00 3.07 -21.19	57.90 3.85 -16.33	61.70 4.16 -16.71	56.94 4.04 -12.88	52.18 3.49 -14.17	42.65 3.15 -7.67	38.39 2.98 -4.74	35.88 2.78 -3.57
ASTORIA_GT_11 24225	31.63 2.17 -2.02	29.10 2.11 0.00	28.25 2.09 0.00	28.28 2.09 -0.05	29.09 2.15 0.00	33.02 2.32 -3.09	45.73 2.78 -11.01	47.61 3.29 -9.30	47.42 3.37 -9.96	43.34 3.08 -9.46	47.41 3.11 -13.54	47.41 3.07 -13.63	47.41 3.07 -13.98	42.64 2.98 -10.48	42.71 2.92 -11.46	47.41 2.95 -14.96	55.00 3.07 -21.19	57.90 3.85 -16.33	61.70 4.16 -16.71	56.94 4.04 -12.88	52.18 3.49 -14.17	42.65 3.15 -7.67	38.39 2.98 -4.74	35.88 2.78 -3.57
ASTORIA_GT_12 24226	31.63 2.17 -2.02	29.10 2.11 0.00	28.25 2.09 0.00	28.28 2.09 -0.05	29.09 2.15 0.00	33.02 2.32 -3.09	45.73 2.78 -11.01	47.61 3.29 -9.30	47.42 3.37 -9.96	43.34 3.08 -9.46	47.41 3.11 -13.54	47.41 3.07 -13.63	47.41 3.07 -13.98	42.64 2.98 -10.48	42.71 2.92 -11.46	47.41 2.95 -14.96	55.00 3.07 -21.19	57.90 3.85 -16.33	61.70 4.16 -16.71	56.94 4.04 -12.88	52.18 3.49 -14.17	42.65 3.15 -7.67	38.39 2.98 -4.74	35.88 2.78 -3.57
ASTORIA_GT_13 24227	31.63 2.17 -2.02	29.10 2.11 0.00	28.25 2.09 0.00	28.28 2.09 -0.05	29.09 2.15 0.00	33.02 2.32 -3.09	45.73 2.78 -11.01	47.61 3.29 -9.30	47.42 3.37 -9.96	43.34 3.08 -9.46	47.41 3.11 -13.54	47.41 3.07 -13.63	47.41 3.07 -13.98	42.64 2.98 -10.48	42.71 2.92 -11.46	47.41 2.95 -14.96	55.00 3.07 -21.19	57.90 3.85 -16.33	61.70 4.16 -16.71	56.94 4.04 -12.88	52.18 3.49 -14.17	42.65 3.15 -7.67	38.39 2.98 -4.74	35.88 2.78 -3.57
ASTORIA_GT_5 24106	31.58 2.11 -2.02	29.08 2.08 0.00	28.22 2.07 0.00	28.22 2.04 -0.05	29.09 2.15 0.00	33.02 2.32 -3.09	45.73 2.78 -11.01	47.57 3.26 -9.30	44.86 3.41 -7.36	43.42 3.17 -9.45	43.33 3.20 -9.37	43.03 3.16 -9.16	43.03 3.16 -9.50	42.72 3.06 -10.47	42.79 3.00 -11.45	42.83 3.04 -10.29	47.07 3.20 -13.13	50.82 4.00 -9.10	55.01 4.29 -9.90	49.18 4.20 -4.95	43.27 3.59 -5.16	42.72 3.25 -7.65	38.46 3.07 -4.72	35.85 2.75 -3.57
ASTORIA_GT_7 24107	31.58 2.11 -2.02	29.08 2.08 0.00	28.22 2.07 0.00	28.22 2.04 -0.05	29.09 2.15 0.00	33.02 2.32 -3.09	45.73 2.78 -11.01	47.57 3.26 -9.30	44.86 3.41 -7.36	43.42 3.17 -9.45	43.33 3.20 -9.37	43.03 3.16 -9.16	43.03 3.16 -9.50	42.72 3.06 -10.47	42.79 3.00 -11.45	42.83 3.04 -10.29	47.07 3.20 -13.13	50.82 4.00 -9.10	55.01 4.29 -9.90	49.18 4.20 -4.95	43.27 3.59 -5.16	42.72 3.25 -7.65	38.46 3.07 -4.72	35.85 2.75 -3.57
ASTORIA_GT_8 24108	31.58 2.11 -2.02	29.08 2.08 0.00	28.22 2.07 0.00	28.22 2.04 -0.05	29.09 2.15 0.00	33.02 2.32 -3.09	45.73 2.78 -11.01	47.57 3.26 -9.30	44.86 3.41 -7.36	43.42 3.17 -9.45	43.33 3.20 -9.37	43.03 3.16 -9.16	43.03 3.16 -9.50	42.72 3.06 -10.47	42.79 3.00 -11.45	42.83 3.04 -10.29	47.07 3.20 -13.13	50.82 4.00 -9.10	55.01 4.29 -9.90	49.18 4.20 -4.95	43.27 3.59 -5.16	42.72 3.25 -7.65	38.46 3.07 -4.72	35.85 2.75 -3.57
ASTORIA___2 24149	31.53 2.06 -2.03	29.03 2.03 -0.01	28.15 1.99 -0.01	28.18 1.99 -0.06	29.05 2.10 -0.01	33.00 2.29 -3.10	45.71 2.75 -11.02	47.52 3.22 -9.29	44.84 3.41 -7.34	43.36 3.11 -9.45	43.27 3.14 -9.37	42.97 3.10 -9.16	42.97 3.10 -9.50	42.66 3.01 -10.47	42.70 2.92 -11.45	42.77 2.98 -10.29	47.01 3.14 -13.13	50.74 3.92 -9.10	54.93 4.21 -9.90	49.09 4.12 -4.95	43.19 3.52 -5.15	42.64 3.18 -7.63	38.39 3.01 -4.71	35.80 2.69 -3.58
ASTORIA___3 23516	31.64 2.17 -2.03	29.11 2.11 -0.01	28.23 2.07 -0.01	28.26 2.06 -0.06	29.10 2.16 -0.01	33.03 2.32 -3.10	45.77 2.81 -11.02	47.63 3.33 -9.29	47.41 3.38 -9.95	43.33 3.08 -9.45	47.41 3.11 -13.54	47.41 3.07 -13.63	47.41 3.07 -13.98	42.64 2.98 -10.48	42.68 2.89 -11.46	47.41 2.95 -14.96	55.00 3.07 -21.19	57.90 3.85 -16.33	61.70 4.17 -16.71	56.94 4.04 -12.88	52.17 3.49 -14.16	42.64 3.15 -7.66	38.39 2.97 -4.74	35.89 2.77 -3.58
ASTORIA___4 23517	31.63 2.17 -2.02	29.10 2.11 0.00	28.25 2.09 0.00	28.28 2.09 -0.05	29.09 2.15 0.00	33.02 2.32 -3.09	45.73 2.78 -11.01	47.61 3.29 -9.30	47.42 3.37 -9.96	43.34 3.08 -9.46	47.41 3.11 -13.54	47.41 3.07 -13.63	47.41 3.07 -13.98	42.64 2.98 -10.48	42.71 2.92 -11.46	47.41 2.95 -14.96	55.00 3.07 -21.19	57.90 3.85 -16.33	61.70 4.16 -16.71	56.94 4.04 -12.88	52.18 3.49 -14.17	42.65 3.15 -7.67	38.39 2.98 -4.74	35.88 2.78 -3.57
ASTORIA___5 23518	31.64 2.17 -2.03	29.11 2.11 -0.01	28.23 2.07 -0.01	28.26 2.06 -0.06	29.10 2.16 -0.01	33.03 2.32 -3.10	45.77 2.81 -11.02	47.63 3.33 -9.29	47.41 3.38 -9.95	43.33 3.08 -9.45	47.41 3.11 -13.54	47.41 3.07 -13.63	47.41 3.07 -13.98	42.64 2.98 -10.48	42.68 2.89 -11.46	47.41 2.95 -14.96	55.00 3.07 -21.19	57.90 3.85 -16.33	61.70 4.17 -16.71	56.94 4.04 -12.88	52.17 3.49 -14.16	42.64 3.15 -7.66	38.39 2.97 -4.74	35.89 2.77 -3.58
AST_ENERGY_2_CC3 323677	31.52 2.06 -2.02	29.00 2.00 0.00	28.12 1.96 0.00	28.12 1.93 -0.05	28.98 2.05 0.00	32.91 2.21 -3.09	45.63 2.68 -11.01	47.48 3.19 -9.28	44.71 3.27 -7.35	43.14 2.96 -9.38	43.05 2.98 -9.30	42.74 2.95 -9.09	42.73 2.94 -9.42	42.39 2.83 -10.38	42.46 2.78 -11.35	42.52 2.80 -10.22	46.74 2.95 -13.05	50.48 3.70 -9.06	54.66 4.00 -9.83	48.82 3.88 -4.92	42.99 3.31 -5.15	42.49 3.03 -7.64	38.23 2.85 -4.71	35.76 2.66 -3.57
AST_ENERGY_2_CC4 323678	31.52 2.06 -2.02	29.00 2.00 0.00	28.12 1.96 0.00	28.12 1.93 -0.05	28.98 2.05 0.00	32.91 2.21 -3.09	45.63 2.68 -11.01	47.48 3.19 -9.28	44.71 3.27 -7.35	43.14 2.96 -9.38	43.05 2.98 -9.30	42.74 2.95 -9.09	42.73 2.94 -9.42	42.39 2.83 -10.38	42.46 2.78 -11.35	42.52 2.80 -10.22	46.74 2.95 -13.05	50.48 3.70 -9.06	54.66 4.00 -9.83	48.82 3.88 -4.92	42.99 3.31 -5.15	42.49 3.03 -7.64	38.23 2.85 -4.71	35.76 2.66 -3.57

ATHENS_STG_1 23668	30.99 1.34 -2.20	28.32 1.32 0.00	27.44 1.28 0.00	27.47 1.28 -0.05	28.28 1.35 0.00	32.41 1.43 -3.37	45.66 1.72 -12.00	47.06 1.92 -10.12	44.03 1.94 -8.00	34.71 1.75 -2.15	34.31 1.78 -1.76	32.97 1.75 -0.52	32.09 1.73 0.00	30.84 1.66 0.00	29.98 1.64 0.00	32.68 1.65 -1.52	36.57 1.75 -4.09	44.69 2.15 -4.82	45.94 2.28 -2.83	43.40 2.28 -1.10	42.06 1.93 -5.60	41.96 1.81 -8.31	36.13 1.72 -3.74	35.05 1.62 -3.90
ATHENS_STG_2 23670	30.99 1.34 -2.20	28.32 1.32 0.00	27.44 1.28 0.00	27.47 1.28 -0.05	28.28 1.35 0.00	32.41 1.43 -3.37	45.66 1.72 -12.00	47.06 1.92 -10.12	44.03 1.94 -8.00	34.71 1.75 -2.15	34.31 1.78 -1.76	32.97 1.75 -0.52	32.09 1.73 0.00	30.84 1.66 0.00	29.98 1.64 0.00	32.68 1.65 -1.52	36.57 1.75 -4.09	44.69 2.15 -4.82	45.94 2.28 -2.83	43.40 2.28 -1.10	42.06 1.93 -5.60	41.96 1.81 -8.31	36.13 1.72 -3.74	35.05 1.62 -3.90
ATHENS_STG_3 23677	30.99 1.34 -2.20	28.32 1.32 0.00	27.44 1.28 0.00	27.47 1.28 -0.05	28.28 1.35 0.00	32.41 1.43 -3.37	45.66 1.72 -12.00	47.06 1.92 -10.12	44.03 1.94 -8.00	34.71 1.75 -2.15	34.31 1.78 -1.76	32.97 1.75 -0.52	32.09 1.73 0.00	30.84 1.66 0.00	29.98 1.64 0.00	32.68 1.65 -1.52	36.57 1.75 -4.09	44.69 2.15 -4.82	45.94 2.28 -2.83	43.40 2.28 -1.10	42.06 1.93 -5.60	41.96 1.81 -8.31	36.13 1.72 -3.74	35.05 1.62 -3.90
AUBURN___LFGE 323710	27.54 -0.19 -0.29	26.81 -0.19 0.00	25.98 -0.18 0.00	25.93 -0.21 -0.01	26.77 -0.16 0.00	28.14 0.08 -0.45	33.78 0.26 -1.59	36.71 0.35 -1.34	35.42 0.27 -1.06	31.33 0.25 -0.29	31.15 0.15 -0.23	30.84 0.06 -0.07	30.30 -0.06 0.00	29.12 -0.06 0.00	28.25 -0.09 0.00	29.58 -0.12 -0.20	31.43 0.15 -0.54	38.74 0.38 -0.64	41.65 0.45 -0.38	40.53 0.36 -0.15	35.47 0.21 -0.74	33.13 0.19 -1.10	31.23 0.06 -0.50	30.16 0.12 -0.52
BABYLON_RES_REC 323704	37.89 2.72 -7.74	33.95 2.67 -4.28	30.93 2.59 -2.18	30.77 2.59 -2.05	30.60 2.69 -0.97	36.24 2.90 -5.74	48.64 3.54 -13.16	51.12 4.09 -12.01	49.66 4.12 -11.45	47.90 3.69 -13.40	43.85 3.72 -9.36	41.14 3.65 -6.78	37.00 3.61 -3.03	35.53 3.50 -2.85	36.53 3.43 -4.77	42.55 3.51 -9.54	55.06 3.78 -20.55	62.94 4.75 -20.46	64.77 5.14 -18.81	63.03 5.00 -18.00	60.83 4.25 -22.06	49.03 3.85 -13.35	42.90 3.56 -8.67	41.73 3.34 -8.87
BABYLON__69_KV_BK2 356345	38.22 3.05 -7.74	34.28 3.00 -4.28	31.29 2.96 -2.18	31.11 2.93 -2.05	30.92 3.02 -0.97	36.57 3.23 -5.74	49.09 3.99 -13.16	51.63 4.59 -12.03	50.12 4.57 -11.46	48.30 4.10 -13.40	44.22 4.09 -9.36	41.48 3.99 -6.78	37.34 3.95 -3.03	35.85 3.82 -2.85	36.87 3.77 -4.77	42.91 3.86 -9.54	55.46 4.18 -20.55	63.50 5.32 -20.46	65.43 5.80 -18.81	63.63 5.60 -18.01	61.36 4.76 -22.07	49.49 4.30 -13.37	43.31 3.96 -8.67	42.11 3.72 -8.87
BALL_HILL_WT_PWR 323825	25.84 -1.95 -0.34	25.62 -1.38 0.00	24.27 -1.88 0.00	24.31 -1.83 -0.01	25.37 -1.56 0.00	26.67 -1.46 -0.52	32.11 -1.69 -1.87	34.39 -2.20 -1.57	33.12 -2.22 -1.24	29.35 -1.79 -0.33	29.32 -1.72 -0.27	29.00 -1.78 -0.08	28.82 -1.55 0.00	27.87 -1.31 0.00	26.92 -1.42 0.00	27.76 -1.98 -0.24	29.56 -1.81 -0.64	36.24 -2.23 -0.75	38.45 -2.82 -0.44	37.35 -2.84 -0.17	33.08 -2.31 -0.87	31.09 -2.04 -1.29	29.20 -2.05 -0.58	28.83 -1.30 -0.60
BARON_WINDS___WT_PWR 323822	27.70 -0.27 -0.53	27.11 0.11 0.00	25.90 -0.26 0.00	25.94 -0.21 -0.01	27.13 0.19 0.00	28.58 0.17 -0.81	35.18 0.35 -2.89	37.80 0.35 -2.44	36.26 0.24 -1.93	31.56 0.25 -0.52	31.38 0.19 -0.42	30.89 0.06 -0.13	30.70 0.33 0.00	29.53 0.35 0.00	28.62 0.28 0.00	29.75 -0.12 -0.37	32.00 0.28 -0.98	39.52 0.64 -1.16	42.24 0.74 -0.68	41.01 0.72 -0.26	36.39 0.52 -1.35	34.37 0.54 -2.00	31.91 0.34 -0.90	31.03 0.56 -0.94
BARRETT_IC_1 23704	37.45 2.28 -7.74	33.57 2.29 -4.28	30.56 2.22 -2.18	30.38 2.20 -2.05	30.22 2.32 -0.97	35.80 2.46 -5.74	48.03 2.94 -13.15	50.42 3.40 -12.01	48.97 3.44 -11.44	47.27 3.08 -13.39	43.26 3.14 -9.35	40.58 3.10 -6.77	36.51 3.13 -3.02	35.06 3.03 -2.84	36.04 2.95 -4.76	41.99 2.95 -9.54	54.44 3.17 -20.54	62.10 3.92 -20.46	63.79 4.17 -18.80	62.15 4.12 -18.00	60.13 3.56 -22.05	48.42 3.25 -13.34	42.31 2.97 -8.66	41.20 2.81 -8.86
BARRETT_IC_10 23701	37.45 2.28 -7.74	33.57 2.29 -4.28	30.56 2.22 -2.18	30.38 2.20 -2.05	30.22 2.32 -0.97	35.80 2.46 -5.74	48.03 2.94 -13.15	50.42 3.40 -12.01	48.97 3.44 -11.44	47.27 3.08 -13.39	43.26 3.14 -9.35	40.58 3.10 -6.77	36.51 3.13 -3.02	35.06 3.03 -2.84	36.04 2.95 -4.76	41.99 2.95 -9.54	54.44 3.17 -20.54	62.10 3.92 -20.46	63.79 4.17 -18.80	62.15 4.12 -18.00	60.13 3.56 -22.05	48.42 3.25 -13.34	42.31 2.97 -8.66	41.20 2.81 -8.86
BARRETT_IC_11 23702	37.45 2.28 -7.74	33.57 2.29 -4.28	30.56 2.22 -2.18	30.38 2.20 -2.05	30.22 2.32 -0.97	35.80 2.46 -5.74	48.03 2.94 -13.15	50.42 3.40 -12.01	48.97 3.44 -11.44	47.27 3.08 -13.39	43.26 3.14 -9.35	40.58 3.10 -6.77	36.51 3.13 -3.02	35.06 3.03 -2.84	36.04 2.95 -4.76	41.99 2.95 -9.54	54.44 3.17 -20.54	62.10 3.92 -20.46	63.79 4.17 -18.80	62.15 4.12 -18.00	60.13 3.56 -22.05	48.42 3.25 -13.34	42.31 2.97 -8.66	41.20 2.81 -8.86
BARRETT_IC_12 23703	37.45 2.28 -7.74	33.57 2.29 -4.28	30.56 2.22 -2.18	30.38 2.20 -2.05	30.22 2.32 -0.97	35.80 2.46 -5.74	48.03 2.94 -13.15	50.42 3.40 -12.01	48.97 3.44 -11.44	47.27 3.08 -13.39	43.26 3.14 -9.35	40.58 3.10 -6.77	36.51 3.13 -3.02	35.06 3.03 -2.84	36.04 2.95 -4.76	41.99 2.95 -9.54	54.44 3.17 -20.54	62.10 3.92 -20.46	63.79 4.17 -18.80	62.15 4.12 -18.00	60.13 3.56 -22.05	48.42 3.25 -13.34	42.31 2.97 -8.66	41.20 2.81 -8.86
BARRETT_IC_2 23705	37.45 2.28 -7.74	33.57 2.29 -4.28	30.56 2.22 -2.18	30.38 2.20 -2.05	30.22 2.32 -0.97	35.80 2.46 -5.74	48.03 2.94 -13.15	50.42 3.40 -12.01	48.97 3.44 -11.44	47.27 3.08 -13.39	43.26 3.14 -9.35	40.58 3.10 -6.77	36.51 3.13 -3.02	35.06 3.03 -2.84	36.04 2.95 -4.76	41.99 2.95 -9.54	54.44 3.17 -20.54	62.10 3.92 -20.46	63.79 4.17 -18.80	62.15 4.12 -18.00	60.13 3.56 -22.05	48.42 3.25 -13.34	42.31 2.97 -8.66	41.20 2.81 -8.86
BARRETT_IC_3 23706	37.45 2.28 -7.74	33.57 2.29 -4.28	30.56 2.22 -2.18	30.38 2.20 -2.05	30.22 2.32 -0.97	35.80 2.46 -5.74	48.03 2.94 -13.15	50.42 3.40 -12.01	48.97 3.44 -11.44	47.27 3.08 -13.39	43.26 3.14 -9.35	40.58 3.10 -6.77	36.51 3.13 -3.02	35.06 3.03 -2.84	36.04 2.95 -4.76	41.99 2.95 -9.54	54.44 3.17 -20.54	62.10 3.92 -20.46	63.79 4.17 -18.80	62.15 4.12 -18.00	60.13 3.56 -22.05	48.42 3.25 -13.34	42.31 2.97 -8.66	41.20 2.81 -8.86
BARRETT_IC_4 23707	37.45 2.28 -7.74	33.57 2.29 -4.28	30.56 2.22 -2.18	30.38 2.20 -2.05	30.22 2.32 -0.97	35.80 2.46 -5.74	48.03 2.94 -13.15	50.42 3.40 -12.01	48.97 3.44 -11.44	47.27 3.08 -13.39	43.26 3.14 -9.35	40.58 3.10 -6.77	36.51 3.13 -3.02	35.06 3.03 -2.84	36.04 2.95 -4.76	41.99 2.95 -9.54	54.44 3.17 -20.54	62.10 3.92 -20.46	63.79 4.17 -18.80	62.15 4.12 -18.00	60.13 3.56 -22.05	48.42 3.25 -13.34	42.31 2.97 -8.66	41.20 2.81 -8.86

BARRETT_IC_5 23708	37.45 2.28 -7.74	33.57 2.29 -4.28	30.56 2.22 -2.18	30.38 2.20 -2.05	30.22 2.32 -0.97	35.80 2.46 -5.74	48.03 2.94 -13.15	50.42 3.40 -12.01	48.97 3.44 -11.44	47.27 3.08 -13.39	43.26 3.14 -9.35	40.58 3.10 -6.77	36.51 3.13 -3.02	35.06 3.03 -2.84	36.04 2.95 -4.76	41.99 2.95 -9.54	54.44 3.17 -20.54	62.10 3.92 -20.46	63.79 4.17 -18.80	62.15 4.12 -18.00	60.13 3.56 -22.05	48.42 3.25 -13.34	42.31 2.97 -8.66	41.20 2.81 -8.86
BARRETT_IC_6 23709	37.45 2.28 -7.74	33.57 2.29 -4.28	30.56 2.22 -2.18	30.38 2.20 -2.05	30.22 2.32 -0.97	35.80 2.46 -5.74	48.03 2.94 -13.15	50.42 3.40 -12.01	48.97 3.44 -11.44	47.27 3.08 -13.39	43.26 3.14 -9.35	40.58 3.10 -6.77	36.51 3.13 -3.02	35.06 3.03 -2.84	36.04 2.95 -4.76	41.99 2.95 -9.54	54.44 3.17 -20.54	62.10 3.92 -20.46	63.79 4.17 -18.80	62.15 4.12 -18.00	60.13 3.56 -22.05	48.42 3.25 -13.34	42.31 2.97 -8.66	41.20 2.81 -8.86
BARRETT_IC_7 23710	37.45 2.28 -7.74	33.58 2.29 -4.28	30.59 2.25 -2.18	30.43 2.25 -2.05	30.22 2.32 -0.97	35.80 2.46 -5.74	48.03 2.94 -13.15	50.44 3.40 -12.02	48.99 3.44 -11.46	47.31 3.11 -13.40	43.26 3.14 -9.35	40.58 3.10 -6.77	36.51 3.13 -3.02	35.06 3.03 -2.84	36.04 2.95 -4.76	41.99 2.95 -9.54	54.44 3.17 -20.54	62.10 3.92 -20.46	63.79 4.16 -18.80	62.15 4.12 -18.00	60.14 3.56 -22.06	48.44 3.25 -13.36	42.32 2.98 -8.67	41.19 2.81 -8.86
BARRETT_IC_8 23711	37.45 2.28 -7.74	33.57 2.29 -4.28	30.56 2.22 -2.18	30.38 2.20 -2.05	30.22 2.32 -0.97	35.80 2.46 -5.74	48.03 2.94 -13.15	50.42 3.40 -12.01	48.97 3.44 -11.44	47.27 3.08 -13.39	43.26 3.14 -9.35	40.58 3.10 -6.77	36.51 3.13 -3.02	35.06 3.03 -2.84	36.04 2.95 -4.76	41.99 2.95 -9.54	54.44 3.17 -20.54	62.10 3.92 -20.46	63.79 4.17 -18.80	62.15 4.12 -18.00	60.13 3.56 -22.05	48.42 3.25 -13.34	42.31 2.97 -8.66	41.20 2.81 -8.86
BARRETT_IC_9 23700	37.45 2.28 -7.74	33.57 2.29 -4.28	30.56 2.22 -2.18	30.38 2.20 -2.05	30.22 2.32 -0.97	35.80 2.46 -5.74	48.03 2.94 -13.15	50.42 3.40 -12.01	48.97 3.44 -11.44	47.27 3.08 -13.39	43.26 3.14 -9.35	40.58 3.10 -6.77	36.51 3.13 -3.02	35.06 3.03 -2.84	36.04 2.95 -4.76	41.99 2.95 -9.54	54.44 3.17 -20.54	62.10 3.92 -20.46	63.79 4.17 -18.80	62.15 4.12 -18.00	60.13 3.56 -22.05	48.42 3.25 -13.34	42.31 2.97 -8.66	41.20 2.81 -8.86
BARRETT___1 23545	37.45 2.28 -7.74	33.57 2.29 -4.28	30.56 2.22 -2.18	30.38 2.20 -2.05	30.22 2.32 -0.97	35.80 2.46 -5.74	48.03 2.94 -13.15	50.42 3.40 -12.01	48.97 3.44 -11.44	47.27 3.08 -13.39	43.26 3.14 -9.35	40.58 3.10 -6.77	36.51 3.13 -3.02	35.06 3.03 -2.84	36.04 2.95 -4.76	41.99 2.95 -9.54	54.44 3.17 -20.54	62.10 3.92 -20.46	63.79 4.17 -18.80	62.15 4.12 -18.00	60.13 3.56 -22.05	48.42 3.25 -13.34	42.31 2.97 -8.66	41.20 2.81 -8.86
BARRETT___2 23546	37.45 2.28 -7.74	33.57 2.29 -4.28	30.56 2.22 -2.18	30.38 2.20 -2.05	30.22 2.32 -0.97	35.80 2.46 -5.74	48.03 2.94 -13.15	50.42 3.40 -12.01	48.97 3.44 -11.44	47.27 3.08 -13.39	43.26 3.14 -9.35	40.58 3.10 -6.77	36.51 3.13 -3.02	35.06 3.03 -2.84	36.04 2.95 -4.76	41.99 2.95 -9.54	54.44 3.17 -20.54	62.10 3.92 -20.46	63.79 4.17 -18.80	62.15 4.12 -18.00	60.13 3.56 -22.05	48.42 3.25 -13.34	42.31 2.97 -8.66	41.20 2.81 -8.86
BATAVIA__115KV_TB1 55881	26.42 -1.32 -0.30	25.78 -1.21 0.00	24.98 -1.18 0.00	24.86 -1.28 -0.01	25.62 -1.32 0.00	27.27 -0.80 -0.46	32.77 -0.80 -1.63	35.21 -1.19 -1.38	33.92 -1.26 -1.09	30.02 -1.08 -0.29	29.96 -1.05 -0.24	29.61 -1.17 -0.07	28.88 -1.49 0.00	27.87 -1.31 0.00	27.03 -1.30 0.00	28.32 -1.39 -0.21	30.25 -1.05 -0.56	37.06 -1.32 -0.66	39.54 -1.67 -0.39	38.29 -1.88 -0.15	33.73 -1.55 -0.76	31.63 -1.34 -1.13	29.87 -1.32 -0.51	29.29 -0.77 -0.53
BAYONEEC___CTG1 323682	31.50 2.03 -2.02	28.97 1.97 0.00	28.09 1.94 0.00	28.09 1.91 -0.05	28.96 2.02 0.00	32.88 2.18 -3.09	45.57 2.62 -11.01	47.45 3.15 -9.28	44.68 3.24 -7.35	43.11 2.93 -9.38	43.02 2.95 -9.30	42.71 2.92 -9.09	42.70 2.92 -9.42	42.39 2.83 -10.38	42.46 2.78 -11.35	42.52 2.80 -10.22	46.71 2.92 -13.05	50.44 3.66 -9.06	54.62 3.96 -9.84	48.78 3.84 -4.92	42.99 3.31 -5.15	42.49 3.03 -7.64	38.20 2.82 -4.71	35.73 2.63 -3.57
BAYONEEC___CTG10 323750	31.50 2.03 -2.02	28.97 1.97 0.00	28.09 1.94 0.00	28.09 1.91 -0.05	28.96 2.02 0.00	32.88 2.18 -3.09	45.57 2.62 -11.01	47.45 3.15 -9.28	44.68 3.24 -7.35	43.11 2.93 -9.38	43.02 2.95 -9.30	42.71 2.92 -9.09	42.70 2.92 -9.42	42.39 2.83 -10.38	42.46 2.78 -11.35	42.52 2.80 -10.22	46.71 2.92 -13.05	50.44 3.66 -9.06	54.62 3.96 -9.84	48.78 3.84 -4.92	42.99 3.31 -5.15	42.49 3.03 -7.64	38.20 2.82 -4.71	35.73 2.63 -3.57
BAYONEEC___CTG2 323683	31.50 2.03 -2.02	28.97 1.97 0.00	28.09 1.94 0.00	28.09 1.91 -0.05	28.96 2.02 0.00	32.88 2.18 -3.09	45.57 2.62 -11.01	47.45 3.15 -9.28	44.68 3.24 -7.35	43.11 2.93 -9.38	43.02 2.95 -9.30	42.71 2.92 -9.09	42.70 2.92 -9.42	42.39 2.83 -10.38	42.46 2.78 -11.35	42.52 2.80 -10.22	46.71 2.92 -13.05	50.44 3.66 -9.06	54.62 3.96 -9.84	48.78 3.84 -4.92	42.99 3.31 -5.15	42.49 3.03 -7.64	38.20 2.82 -4.71	35.73 2.63 -3.57
BAYONEEC___CTG3 323684	31.50 2.03 -2.02	28.97 1.97 0.00	28.09 1.94 0.00	28.09 1.91 -0.05	28.96 2.02 0.00	32.88 2.18 -3.09	45.57 2.62 -11.01	47.45 3.15 -9.28	44.68 3.24 -7.35	43.11 2.93 -9.38	43.02 2.95 -9.30	42.71 2.92 -9.09	42.70 2.92 -9.42	42.39 2.83 -10.38	42.46 2.78 -11.35	42.52 2.80 -10.22	46.71 2.92 -13.05	50.44 3.66 -9.06	54.62 3.96 -9.84	48.78 3.84 -4.92	42.99 3.31 -5.15	42.49 3.03 -7.64	38.20 2.82 -4.71	35.73 2.63 -3.57
BAYONEEC___CTG4 323685	31.50 2.03 -2.02	28.97 1.97 0.00	28.09 1.94 0.00	28.09 1.91 -0.05	28.96 2.02 0.00	32.88 2.18 -3.09	45.57 2.62 -11.01	47.45 3.15 -9.28	44.68 3.24 -7.35	43.11 2.93 -9.38	43.02 2.95 -9.30	42.71 2.92 -9.09	42.70 2.92 -9.42	42.39 2.83 -10.38	42.46 2.78 -11.35	42.52 2.80 -10.22	46.71 2.92 -13.05	50.44 3.66 -9.06	54.62 3.96 -9.84	48.78 3.84 -4.92	42.99 3.31 -5.15	42.49 3.03 -7.64	38.20 2.82 -4.71	35.73 2.63 -3.57
BAYONEEC___CTG5 323686	31.50 2.03 -2.02	28.97 1.97 0.00	28.09 1.94 0.00	28.09 1.91 -0.05	28.96 2.02 0.00	32.88 2.18 -3.09	45.57 2.62 -11.01	47.45 3.15 -9.28	44.68 3.24 -7.35	43.11 2.93 -9.38	43.02 2.95 -9.30	42.71 2.92 -9.09	42.70 2.92 -9.42	42.39 2.83 -10.38	42.46 2.78 -11.35	42.52 2.80 -10.22	46.71 2.92 -13.05	50.44 3.66 -9.06	54.62 3.96 -9.84	48.78 3.84 -4.92	42.99 3.31 -5.15	42.49 3.03 -7.64	38.20 2.82 -4.71	35.73 2.63 -3.57
BAYONEEC___CTG6 323687	31.50 2.03 -2.02	28.97 1.97 0.00	28.09 1.94 0.00	28.09 1.91 -0.05	28.96 2.02 0.00	32.88 2.18 -3.09	45.57 2.62 -11.01	47.45 3.15 -9.28	44.68 3.24 -7.35	43.11 2.93 -9.38	43.02 2.95 -9.30	42.71 2.92 -9.09	42.70 2.92 -9.42	42.39 2.83 -10.38	42.46 2.78 -11.35	42.52 2.80 -10.22	46.71 2.92 -13.05	50.44 3.66 -9.06	54.62 3.96 -9.84	48.78 3.84 -4.92	42.99 3.31 -5.15	42.49 3.03 -7.64	38.20 2.82 -4.71	35.73 2.63 -3.57

BAYONEEC___CTG7 323688	31.50 2.03 -2.02	28.97 1.97 0.00	28.09 1.94 0.00	28.09 1.91 -0.05	28.96 2.02 0.00	32.88 2.18 -3.09	45.57 2.62 -11.01	47.45 3.15 -9.28	44.68 3.24 -7.35	43.11 2.93 -9.38	43.02 2.95 -9.30	42.71 2.92 -9.09	42.70 2.92 -9.42	42.39 2.83 -10.38	42.46 2.78 -11.35	42.52 2.80 -10.22	46.71 2.92 -13.05	50.44 3.66 -9.06	54.62 3.96 -9.84	48.78 3.84 -4.92	42.99 3.31 -5.15	42.49 3.03 -7.64	38.20 2.82 -4.71	35.73 2.63 -3.57
BAYONEEC___CTG8 323689	31.50 2.03 -2.02	28.97 1.97 0.00	28.09 1.94 0.00	28.09 1.91 -0.05	28.96 2.02 0.00	32.88 2.18 -3.09	45.57 2.62 -11.01	47.45 3.15 -9.28	44.68 3.24 -7.35	43.11 2.93 -9.38	43.02 2.95 -9.30	42.71 2.92 -9.09	42.70 2.92 -9.42	42.39 2.83 -10.38	42.46 2.78 -11.35	42.52 2.80 -10.22	46.71 2.92 -13.05	50.44 3.66 -9.06	54.62 3.96 -9.84	48.78 3.84 -4.92	42.99 3.31 -5.15	42.49 3.03 -7.64	38.20 2.82 -4.71	35.73 2.63 -3.57
BAYONEEC___CTG9 323749	31.50 2.03 -2.02	28.97 1.97 0.00	28.09 1.94 0.00	28.09 1.91 -0.05	28.96 2.02 0.00	32.88 2.18 -3.09	45.57 2.62 -11.01	47.45 3.15 -9.28	44.68 3.24 -7.35	43.11 2.93 -9.38	43.02 2.95 -9.30	42.71 2.92 -9.09	42.70 2.92 -9.42	42.39 2.83 -10.38	42.46 2.78 -11.35	42.52 2.80 -10.22	46.71 2.92 -13.05	50.44 3.66 -9.06	54.62 3.96 -9.84	48.78 3.84 -4.92	42.99 3.31 -5.15	42.49 3.03 -7.64	38.20 2.82 -4.71	35.73 2.63 -3.57
BEACON___LESR 323632	31.70 1.81 -2.45	28.81 1.81 0.00	27.86 1.70 0.00	27.92 1.72 -0.06	28.74 1.80 0.00	33.20 1.85 -3.74	47.19 1.92 -13.34	48.06 1.85 -11.19	44.70 1.77 -8.84	34.90 1.72 -2.38	34.43 1.72 -1.94	33.00 1.72 -0.57	31.94 1.58 0.00	30.75 1.57 0.00	29.89 1.56 0.00	32.78 1.59 -1.68	36.97 1.72 -4.51	45.11 2.07 -5.32	46.19 2.24 -3.12	43.36 2.12 -1.22	42.58 1.86 -6.19	42.71 1.69 -9.19	36.53 1.72 -4.13	35.59 1.74 -4.32
BEAVER RIVER___HYD 24048	27.09 -0.44 -0.09	26.51 -0.49 0.00	25.69 -0.47 0.00	25.67 -0.47 0.00	26.58 -0.35 0.00	27.49 -0.25 -0.14	32.42 0.00 -0.48	35.53 0.11 -0.41	34.55 0.14 -0.32	30.92 0.03 -0.09	30.81 -0.03 -0.07	30.57 -0.15 -0.02	30.12 -0.24 0.00	28.95 -0.23 0.00	28.08 -0.26 0.00	29.21 -0.35 -0.06	30.72 -0.18 -0.16	37.91 0.00 -0.19	41.02 0.08 -0.11	40.35 0.28 -0.04	34.92 0.17 -0.23	32.20 0.03 -0.33	30.83 0.00 -0.15	29.54 -0.15 -0.16
BEEBEE_GT_13 23619	26.75 -0.96 -0.27	25.89 -1.11 0.00	25.09 -1.07 0.00	24.99 -1.15 -0.01	25.75 -1.19 0.00	27.44 -0.58 -0.42	32.88 -0.54 -1.49	35.43 -0.84 -1.26	34.20 -0.89 -0.99	30.33 -0.74 -0.27	30.28 -0.71 -0.22	29.97 -0.80 -0.06	29.12 -1.24 0.00	28.04 -1.14 0.00	27.20 -1.13 0.00	28.69 -1.00 -0.19	30.51 -0.74 -0.51	37.37 -0.94 -0.60	40.03 -1.14 -0.35	38.84 -1.32 -0.14	34.11 -1.10 -0.70	31.91 -0.95 -1.03	30.19 -0.95 -0.46	29.42 -0.59 -0.48
BENSHRST_27_KV_BENSHRST_1 355998	31.82 2.36 -2.02	29.29 2.29 0.00	28.43 2.28 0.00	28.43 2.25 -0.05	29.25 2.32 0.00	33.18 2.48 -3.09	45.98 3.03 -11.01	47.89 3.57 -9.30	47.73 3.68 -9.96	43.62 3.36 -9.46	47.69 3.38 -13.54	47.69 3.35 -13.63	47.65 3.31 -13.98	42.84 3.18 -10.48	42.94 3.15 -11.46	47.65 3.19 -14.96	55.28 3.35 -21.19	58.28 4.22 -16.33	141.44 4.61 -96.00	82.95 4.52 -38.40	52.56 3.87 -14.17	43.01 3.50 -7.67	38.70 3.28 -4.74	36.17 3.07 -3.57
BETHLEHEM___GRP 23843	31.29 1.40 -2.45	28.40 1.40 0.00	27.54 1.39 0.00	27.58 1.39 -0.06	28.34 1.40 0.00	32.76 1.41 -3.74	46.60 1.31 -13.35	47.44 1.16 -11.27	44.09 1.09 -8.91	34.30 1.11 -2.40	33.88 1.17 -1.94	32.51 1.23 -0.58	31.49 1.12 0.00	30.32 1.14 0.00	29.44 1.11 0.00	32.28 1.09 -1.69	36.33 1.08 -4.52	44.29 1.24 -5.33	45.30 1.35 -3.13	42.53 1.28 -1.22	41.83 1.07 -6.24	42.08 0.99 -9.26	35.95 1.10 -4.17	35.06 1.21 -4.33
BETHLEHEM___GS1 323560	31.29 1.40 -2.45	28.40 1.40 0.00	27.49 1.33 0.00	27.53 1.33 -0.06	28.34 1.40 0.00	32.76 1.41 -3.74	46.60 1.31 -13.35	47.34 1.12 -11.21	44.00 1.06 -8.86	34.29 1.11 -2.38	33.88 1.17 -1.94	32.51 1.23 -0.58	31.49 1.12 0.00	30.32 1.14 0.00	29.47 1.13 0.00	32.28 1.09 -1.69	36.33 1.08 -4.52	44.29 1.24 -5.33	45.30 1.35 -3.13	42.52 1.28 -1.22	41.80 1.07 -6.20	42.02 0.99 -9.20	35.89 1.07 -4.14	35.07 1.21 -4.33
BETHLEHEM___GS2 323561	31.29 1.40 -2.45	28.40 1.40 0.00	27.49 1.33 0.00	27.53 1.33 -0.06	28.34 1.40 0.00	32.76 1.41 -3.74	46.60 1.31 -13.35	47.34 1.12 -11.21	44.00 1.06 -8.86	34.29 1.11 -2.38	33.88 1.17 -1.94	32.51 1.23 -0.58	31.49 1.12 0.00	30.32 1.14 0.00	29.47 1.13 0.00	32.28 1.09 -1.69	36.33 1.08 -4.52	44.29 1.24 -5.33	45.30 1.35 -3.13	42.52 1.28 -1.22	41.80 1.07 -6.20	42.02 0.99 -9.20	35.89 1.07 -4.14	35.07 1.21 -4.33
BETHLEHEM___GS3 323562	31.29 1.40 -2.45	28.40 1.40 0.00	27.49 1.33 0.00	27.53 1.33 -0.06	28.34 1.40 0.00	32.76 1.41 -3.74	46.60 1.31 -13.35	47.34 1.12 -11.21	44.00 1.06 -8.86	34.29 1.11 -2.38	33.88 1.17 -1.94	32.51 1.23 -0.58	31.49 1.12 0.00	30.32 1.14 0.00	29.47 1.13 0.00	32.28 1.09 -1.69	36.33 1.08 -4.52	44.29 1.24 -5.33	45.30 1.35 -3.13	42.52 1.28 -1.22	41.80 1.07 -6.20	42.02 0.99 -9.20	35.89 1.07 -4.14	35.07 1.21 -4.33
BETHLEHEM___STEEL 23779	25.74 -2.03 -0.33	25.49 -1.51 0.00	24.69 -1.46 0.00	24.57 -1.57 -0.01	25.29 -1.64 0.00	26.57 -1.55 -0.51	31.89 -1.85 -1.81	34.16 -2.38 -1.53	32.91 -2.39 -1.21	29.15 -1.97 -0.32	29.12 -1.91 -0.26	28.85 -1.93 -0.08	28.63 -1.73 0.00	27.66 -1.52 0.00	26.78 -1.56 0.00	27.61 -2.12 -0.23	29.39 -1.97 -0.62	35.96 -2.49 -0.73	38.15 -3.10 -0.43	37.07 -3.12 -0.17	32.81 -2.55 -0.84	30.82 -2.26 -1.25	29.09 -2.15 -0.56	28.64 -1.48 -0.59
BETHLHEM_115KV_TB1 79974	31.32 1.43 -2.45	28.43 1.43 0.00	27.57 1.41 0.00	27.58 1.39 -0.06	28.36 1.43 0.00	32.79 1.44 -3.74	46.63 1.34 -13.35	47.48 1.19 -11.27	44.12 1.12 -8.91	34.34 1.14 -2.40	33.91 1.20 -1.94	32.54 1.26 -0.58	31.49 1.12 0.00	30.32 1.14 0.00	29.44 1.11 0.00	32.31 1.12 -1.69	36.36 1.11 -4.52	44.33 1.28 -5.33	45.34 1.39 -3.13	42.57 1.32 -1.22	41.87 1.10 -6.24	42.11 1.02 -9.26	35.98 1.13 -4.17	35.09 1.24 -4.33
BETHPAGE_CC_5 323564	37.67 2.50 -7.74	33.74 2.46 -4.28	30.72 2.38 -2.18	30.56 2.38 -2.05	30.38 2.48 -0.97	35.99 2.65 -5.74	48.23 3.13 -13.16	50.63 3.61 -12.01	49.19 3.65 -11.45	47.50 3.30 -13.40	43.48 3.35 -9.36	40.80 3.32 -6.78	36.70 3.31 -3.02	35.21 3.18 -2.85	36.22 3.12 -4.77	42.23 3.19 -9.54	54.63 3.35 -20.54	62.33 4.15 -20.46	64.12 4.49 -18.80	62.39 4.36 -18.00	60.31 3.73 -22.06	48.62 3.44 -13.35	42.53 3.19 -8.67	41.41 3.01 -8.87
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	25.66 -2.11 -0.34	25.59 -1.40 0.00	24.80 -1.36 0.00	24.68 -1.46 -0.01	25.43 -1.51 0.00	26.52 -1.60 -0.51	31.89 -1.88 -1.83	34.18 -2.38 -1.55	32.93 -2.39 -1.22	29.16 -1.97 -0.33	29.10 -1.94 -0.27	28.82 -1.97 -0.08	28.79 -1.58 0.00	27.81 -1.37 0.00	26.92 -1.42 0.00	27.58 -2.15 -0.23	29.36 -2.00 -0.62	36.00 -2.45 -0.74	38.15 -3.10 -0.43	37.11 -3.08 -0.17	32.83 -2.55 -0.86	30.84 -2.26 -1.27	29.10 -2.15 -0.57	28.62 -1.51 -0.60

BINGHAMTON___COGEN 23790	28.18 0.05 -0.68	27.24 0.24 0.00	26.39 0.24 0.00	26.36 0.21 -0.02	27.18 0.24 0.00	28.92 0.28 -1.04	36.09 0.45 -3.71	38.60 0.46 -3.13	36.97 0.41 -2.47	31.84 0.37 -0.66	31.65 0.34 -0.54	31.11 0.25 -0.16	30.73 0.36 0.00	29.56 0.38 0.00	28.68 0.34 0.00	30.09 0.12 -0.47	32.34 0.34 -1.26	39.77 0.57 -1.49	42.27 0.57 -0.87	40.88 0.52 -0.34	36.67 0.41 -1.73	34.78 0.38 -2.57	32.14 0.31 -1.16	31.12 0.38 -1.20
BIXINCNT_115KV_LOAD 355685	25.25 -2.55 -0.36	25.49 -1.51 0.00	24.75 -1.41 0.00	24.65 -1.49 -0.01	25.51 -1.43 0.00	26.39 -1.77 -0.55	31.88 -2.01 -1.96	34.33 -2.35 -1.66	33.01 -2.39 -1.31	29.03 -2.13 -0.35	28.93 -2.12 -0.29	28.70 -2.09 -0.09	29.06 -1.31 0.00	28.01 -1.17 0.00	27.12 -1.22 0.00	27.33 -2.42 -0.25	29.19 -2.21 -0.67	36.13 -2.38 -0.79	38.55 -2.74 -0.46	37.52 -2.68 -0.18	33.20 -2.24 -0.92	31.12 -2.07 -1.36	29.26 -2.02 -0.61	28.78 -1.39 -0.64
BLACK RIVER___HYD 24047	27.32 -0.25 -0.13	26.67 -0.32 0.00	25.85 -0.31 0.00	25.83 -0.31 0.00	26.72 -0.22 0.00	27.77 -0.03 -0.19	32.97 0.35 -0.68	36.08 0.49 -0.58	35.02 0.48 -0.45	31.26 0.34 -0.12	31.08 0.22 -0.10	30.73 0.00 -0.03	30.27 -0.09 0.00	29.12 -0.06 0.00	28.28 -0.06 0.00	29.50 -0.09 -0.09	31.21 0.24 -0.23	38.60 0.60 -0.27	41.76 0.77 -0.16	40.97 0.88 -0.06	35.46 0.62 -0.32	32.75 0.45 -0.47	31.23 0.34 -0.21	29.84 0.09 -0.22
BLACKRVR_115KV_TB2 79977	27.32 -0.25 -0.13	26.67 -0.32 0.00	25.82 -0.34 0.00	25.80 -0.34 0.00	26.72 -0.22 0.00	27.77 -0.03 -0.19	32.97 0.35 -0.68	36.08 0.49 -0.58	35.02 0.48 -0.45	31.26 0.34 -0.12	31.08 0.22 -0.10	30.73 0.00 -0.03	30.27 -0.09 0.00	29.12 -0.06 0.00	28.28 -0.06 0.00	29.50 -0.09 -0.09	31.22 0.25 -0.23	38.60 0.60 -0.27	41.76 0.78 -0.16	40.97 0.88 -0.06	35.46 0.62 -0.32	32.75 0.45 -0.47	31.10 0.21 -0.21	29.84 0.09 -0.22
BLISS_WT_PWR 323608	25.11 -2.69 -0.36	25.32 -1.67 0.00	23.60 -2.56 0.00	23.61 -2.53 -0.01	25.32 -1.62 0.00	26.31 -1.85 -0.55	31.79 -2.11 -1.96	34.25 -2.42 -1.65	32.91 -2.49 -1.31	28.97 -2.19 -0.35	28.87 -2.18 -0.29	28.61 -2.18 -0.09	28.97 -1.40 0.00	27.93 -1.25 0.00	26.95 -1.39 0.00	27.24 -2.51 -0.25	29.10 -2.31 -0.67	36.06 -2.45 -0.79	38.55 -2.73 -0.46	37.56 -2.64 -0.18	33.19 -2.24 -0.92	31.09 -2.10 -1.36	29.11 -2.18 -0.61	28.78 -1.39 -0.64
BLUESTONE___WT_PWR 323821	30.14 1.98 -0.73	29.00 2.00 0.00	27.96 1.80 0.00	27.95 1.80 -0.02	28.98 2.05 0.00	30.98 2.26 -1.11	38.93 3.04 -3.96	41.79 3.43 -3.34	40.00 3.27 -2.64	34.31 2.80 -0.71	34.02 2.68 -0.58	33.33 2.46 -0.17	32.73 2.37 0.00	31.52 2.34 0.00	30.57 2.24 0.00	32.19 2.18 -0.50	34.88 2.80 -1.35	43.16 3.85 -1.59	46.04 4.29 -0.93	44.59 4.20 -0.36	39.86 3.49 -1.85	37.73 3.15 -2.74	34.76 2.85 -1.23	33.44 2.63 -1.29
BLUE_CIRC_CHEM_DRP 24182	31.28 1.43 -2.41	28.43 1.43 0.00	27.57 1.41 0.00	27.61 1.41 -0.06	28.36 1.43 0.00	32.75 1.46 -3.68	46.59 1.53 -13.12	47.60 1.51 -11.08	44.31 1.47 -8.75	34.51 1.36 -2.35	34.04 1.35 -1.92	32.62 1.35 -0.57	31.64 1.28 0.00	30.46 1.28 0.00	29.58 1.25 0.00	32.43 1.27 -1.66	36.54 1.35 -4.45	44.59 1.62 -5.25	45.66 1.76 -3.08	42.95 1.72 -1.20	42.14 1.48 -6.13	42.30 1.37 -9.10	36.18 1.41 -4.09	35.20 1.42 -4.26
BOC_GAS_DRP 24189	31.00 1.13 -2.44	28.13 1.13 0.00	27.28 1.12 0.00	27.32 1.12 -0.06	28.09 1.16 0.00	32.52 1.19 -3.72	46.52 1.31 -13.28	47.59 1.37 -11.21	44.31 1.36 -8.86	34.45 1.26 -2.38	34.00 1.29 -1.94	32.57 1.29 -0.57	31.61 1.24 0.00	30.38 1.20 0.00	29.53 1.19 0.00	32.36 1.18 -1.68	36.48 1.23 -4.51	44.55 1.51 -5.32	45.54 1.59 -3.12	42.80 1.56 -1.22	42.07 1.35 -6.20	42.28 1.24 -9.21	36.05 1.23 -4.14	35.05 1.21 -4.31
BOONVILLE_115KV_TB1 79983	28.01 0.49 -0.07	27.48 0.49 0.00	26.63 0.47 0.00	26.61 0.47 0.00	27.53 0.59 0.00	28.47 0.75 -0.11	33.43 1.09 -0.41	36.62 1.26 -0.34	35.62 1.26 -0.27	31.95 1.08 -0.07	31.84 1.02 -0.06	31.64 0.92 -0.02	31.18 0.82 0.00	29.94 0.76 0.00	29.07 0.74 0.00	30.23 0.68 -0.05	31.80 0.92 -0.14	39.20 1.32 -0.16	42.39 1.47 -0.10	41.62 1.56 -0.04	35.96 1.24 -0.19	33.19 1.08 -0.28	31.72 0.92 -0.13	30.46 0.80 -0.13
BORALEX_4TH_BRANCH 23824	31.83 1.95 -2.44	28.91 1.92 0.00	28.04 1.88 0.00	28.08 1.88 -0.06	28.87 1.94 0.00	33.35 2.02 -3.73	47.64 2.40 -13.30	49.16 2.91 -11.23	45.83 2.86 -8.88	35.78 2.59 -2.39	35.24 2.55 -1.92	33.82 2.55 -0.57	32.82 2.46 0.00	31.54 2.36 0.00	30.66 2.32 0.00	33.52 2.36 -1.66	37.74 2.55 -4.45	46.18 3.21 -5.25	47.38 3.47 -3.08	44.61 3.36 -1.22	43.64 2.90 -6.22	43.70 2.64 -9.23	37.34 2.52 -4.15	36.24 2.45 -4.26
BOWLINE___1 23526	31.35 1.89 -2.02	28.86 1.86 0.00	27.94 1.78 0.00	27.96 1.78 -0.05	28.79 1.86 0.00	32.70 2.01 -3.08	45.36 2.43 -11.00	47.09 2.80 -9.27	44.21 2.80 -7.32	35.33 2.56 -1.97	34.96 2.58 -1.61	33.73 2.55 -0.48	32.94 2.58 0.00	31.66 2.48 0.00	30.77 2.44 0.00	33.34 2.45 -1.40	37.00 2.52 -3.74	45.34 3.20 -4.41	46.84 3.43 -2.59	44.39 3.36 -1.01	42.52 2.86 -5.13	42.05 2.61 -7.61	36.56 2.45 -3.43	35.37 2.27 -3.56
BOWLINE___2 23595	31.35 1.89 -2.02	28.86 1.86 0.00	27.94 1.78 0.00	27.96 1.78 -0.05	28.79 1.86 0.00	32.71 2.01 -3.08	45.40 2.46 -11.01	47.09 2.80 -9.27	44.18 2.76 -7.33	35.30 2.53 -1.97	34.93 2.55 -1.61	33.70 2.52 -0.48	32.92 2.55 0.00	31.63 2.45 0.00	30.74 2.41 0.00	33.32 2.42 -1.40	36.97 2.49 -3.74	45.30 3.17 -4.41	46.80 3.39 -2.59	44.35 3.32 -1.01	42.49 2.83 -5.13	42.02 2.58 -7.62	36.53 2.42 -3.43	35.34 2.24 -3.57
BRADY___115KV_TB2 356060	27.14 -0.30 0.00	26.65 -0.35 0.00	25.79 -0.37 0.00	25.82 -0.31 0.00	26.56 -0.38 0.00	27.00 -0.61 0.00	31.20 -0.73 0.00	34.28 -0.74 0.00	33.31 -0.78 0.00	30.03 -0.77 0.00	30.03 -0.74 0.00	30.03 -0.68 0.00	29.88 -0.49 0.00	28.68 -0.50 0.00	27.85 -0.48 0.00	29.06 -0.44 0.00	29.97 -0.77 0.00	36.78 -0.94 0.00	39.97 -0.86 0.00	39.26 -0.76 0.00	33.94 -0.59 0.00	31.19 -0.64 0.00	30.15 -0.52 0.00	29.03 -0.50 0.00
BRANSCOMB___SOLAR 323811	31.63 1.67 -2.51	28.67 1.67 0.00	27.75 1.60 0.00	27.79 1.59 -0.06	28.61 1.67 0.00	32.93 1.49 -3.84	47.41 1.79 -13.68	48.55 2.14 -11.40	45.11 2.01 -9.01	35.01 1.79 -2.42	34.47 1.72 -1.98	32.98 1.69 -0.59	31.94 1.58 0.00	30.75 1.57 0.00	29.86 1.53 0.00	32.81 1.59 -1.72	37.28 1.94 -4.60	45.64 2.49 -5.43	46.79 2.78 -3.19	43.86 2.60 -1.24	43.15 2.31 -6.31	43.26 2.07 -9.36	36.82 1.93 -4.21	35.82 1.89 -4.40
BRENTWOD_69_KV_W. BRTWOOD 56703	38.14 2.96 -7.74	34.20 2.92 -4.28	31.21 2.88 -2.18	31.03 2.85 -2.05	30.87 2.96 -0.97	36.46 3.12 -5.74	48.99 3.90 -13.16	51.49 4.45 -12.03	50.02 4.47 -11.46	48.21 4.00 -13.40	44.12 4.00 -9.36	41.41 3.93 -6.78	37.28 3.89 -3.03	35.80 3.76 -2.85	36.79 3.68 -4.77	42.82 3.78 -9.54	55.34 4.06 -20.55	63.31 5.13 -20.46	65.18 5.55 -18.81	63.43 5.40 -18.01	61.18 4.59 -22.07	49.37 4.17 -13.37	43.18 3.83 -8.67	42.00 3.60 -8.87

BRISTLHL_115KV_TB1 79998	26.90 -0.74 -0.20	26.24 -0.76 0.00	25.43 -0.73 0.00	25.38 -0.76 0.00	26.21 -0.73 0.00	27.33 -0.58 -0.30	32.43 -0.57 -1.07	35.26 -0.67 -0.91	34.12 -0.68 -0.72	30.38 -0.62 -0.19	30.28 -0.65 -0.16	30.01 -0.74 -0.05	29.51 -0.85 0.00	28.36 -0.82 0.00	27.54 -0.79 0.00	28.81 -0.83 -0.14	30.46 -0.65 -0.37	37.47 -0.68 -0.43	40.34 -0.73 -0.25	39.36 -0.76 -0.10	34.30 -0.72 -0.50	31.91 -0.67 -0.74	30.30 -0.71 -0.34	29.23 -0.65 -0.35
BROOKHAVEN___DRP 24191	38.14 2.96 -7.74	34.17 2.89 -4.28	31.19 2.85 -2.18	31.03 2.85 -2.05	30.84 2.94 -0.97	36.46 3.12 -5.74	48.96 3.86 -13.16	51.49 4.45 -12.03	49.98 4.43 -11.46	48.15 3.94 -13.40	44.03 3.91 -9.36	41.29 3.81 -6.78	37.19 3.80 -3.03	35.68 3.65 -2.85	36.70 3.60 -4.77	42.70 3.66 -9.55	55.31 4.03 -20.55	63.35 5.17 -20.46	65.30 5.67 -18.81	63.47 5.44 -18.01	61.22 4.63 -22.07	49.34 4.14 -13.37	43.12 3.77 -8.67	42.00 3.60 -8.87
BROOKLYN_NAVY_YARD 23515	31.50 2.03 -2.02	28.97 1.97 0.00	28.09 1.94 0.00	28.12 1.93 -0.05	28.93 1.99 0.00	32.88 2.18 -3.09	45.63 2.68 -11.01	47.52 3.22 -9.28	44.74 3.31 -7.35	43.17 2.99 -9.38	43.08 3.02 -9.30	42.77 2.98 -9.09	42.76 2.98 -9.42	42.42 2.86 -10.38	42.49 2.81 -11.35	42.58 2.86 -10.22	46.80 3.01 -13.05	50.56 3.77 -9.06	54.74 4.08 -9.84	48.90 3.96 -4.92	43.06 3.39 -5.15	42.53 3.06 -7.64	38.23 2.85 -4.71	35.76 2.66 -3.57
BROOKLYN___ARMY_DRP 323595	31.74 2.28 -2.02	29.18 2.19 0.00	28.33 2.17 0.00	28.35 2.17 -0.05	29.17 2.24 0.00	33.10 2.40 -3.09	45.86 2.91 -11.01	47.75 3.43 -9.30	47.59 3.55 -9.96	43.46 3.20 -9.46	47.53 3.23 -13.54	47.53 3.19 -13.63	47.53 3.19 -13.98	42.73 3.06 -10.48	42.82 3.03 -11.46	47.53 3.07 -14.96	55.15 3.23 -21.19	58.13 4.07 -16.33	141.24 4.41 -96.00	82.71 4.28 -38.40	52.39 3.69 -14.17	42.85 3.34 -7.67	38.55 3.13 -4.74	36.02 2.92 -3.57
BROOKVLE_69_KV_TB1 55790	37.76 2.58 -7.74	33.82 2.54 -4.28	30.82 2.49 -2.18	30.67 2.48 -2.05	30.46 2.56 -0.97	36.08 2.73 -5.74	48.29 3.19 -13.16	50.75 3.71 -12.03	49.30 3.75 -11.46	47.74 3.54 -13.40	43.69 3.57 -9.35	40.98 3.50 -6.78	36.88 3.49 -3.02	35.38 3.36 -2.85	36.39 3.29 -4.76	42.40 3.36 -9.54	54.72 3.44 -20.54	62.48 4.30 -20.46	64.32 4.69 -18.80	62.59 4.56 -18.00	60.46 3.87 -22.07	48.73 3.53 -13.36	42.75 3.40 -8.67	41.58 3.19 -8.86
BROOME_2_LFGE 323671	28.18 0.05 -0.68	27.24 0.24 0.00	26.18 0.03 0.00	26.20 0.05 -0.02	27.18 0.24 0.00	28.92 0.28 -1.04	36.09 0.45 -3.71	38.59 0.45 -3.12	36.97 0.41 -2.47	31.84 0.37 -0.66	31.65 0.34 -0.54	31.11 0.24 -0.16	30.70 0.33 0.00	29.56 0.38 0.00	28.65 0.31 0.00	30.09 0.12 -0.47	32.34 0.34 -1.26	39.77 0.57 -1.49	42.27 0.57 -0.87	40.88 0.52 -0.34	36.67 0.42 -1.73	34.78 0.38 -2.57	32.11 0.28 -1.15	31.11 0.38 -1.20
BROOME___LFGE 323600	28.18 0.05 -0.68	27.24 0.24 0.00	26.18 0.03 0.00	26.20 0.05 -0.02	27.18 0.24 0.00	28.92 0.28 -1.04	36.09 0.45 -3.71	38.59 0.45 -3.12	36.97 0.41 -2.47	31.84 0.37 -0.66	31.65 0.34 -0.54	31.11 0.24 -0.16	30.70 0.33 0.00	29.56 0.38 0.00	28.65 0.31 0.00	30.09 0.12 -0.47	32.34 0.34 -1.26	39.77 0.57 -1.49	42.27 0.57 -0.87	40.88 0.52 -0.34	36.67 0.42 -1.73	34.78 0.38 -2.57	32.11 0.28 -1.15	31.11 0.38 -1.20
BROWNFLS_115KV_TB_3_5 80003	26.82 -0.69 -0.06	26.27 -0.73 0.00	25.43 -0.73 0.00	25.43 -0.71 0.00	26.23 -0.70 0.00	26.93 -0.77 -0.09	31.51 -0.77 -0.34	34.56 -0.74 -0.28	33.60 -0.72 -0.22	30.15 -0.71 -0.06	30.11 -0.71 -0.05	30.01 -0.71 -0.01	29.67 -0.70 0.00	28.51 -0.67 0.00	27.65 -0.68 0.00	28.78 -0.77 -0.04	29.99 -0.86 -0.11	36.95 -0.91 -0.14	40.00 -0.90 -0.08	39.33 -0.72 -0.03	34.06 -0.62 -0.16	31.36 -0.70 -0.23	30.14 -0.64 -0.11	28.99 -0.65 -0.11
BROWNSV1_27_KV_LOAD 356125	31.74 2.28 -2.02	29.24 2.24 0.00	28.38 2.22 0.00	28.38 2.20 -0.05	29.20 2.26 0.00	33.16 2.46 -3.09	45.92 2.97 -11.01	47.85 3.54 -9.30	45.10 3.65 -7.36	43.48 3.30 -9.39	43.39 3.32 -9.30	43.08 3.29 -9.09	43.06 3.28 -9.42	42.71 3.15 -10.38	42.80 3.12 -11.35	42.87 3.16 -10.22	47.11 3.32 -13.05	50.93 4.15 -9.06	55.15 4.49 -9.84	49.35 4.40 -4.92	43.45 3.76 -5.16	42.89 3.41 -7.65	38.61 3.22 -4.71	36.08 2.98 -3.57
BURROWS___LYONSDAL 23803	27.79 0.27 -0.08	27.24 0.24 0.00	26.39 0.24 0.00	26.37 0.24 0.00	27.34 0.40 0.00	28.25 0.52 -0.12	33.22 0.86 -0.42	36.39 1.02 -0.36	35.43 1.06 -0.28	31.74 0.86 -0.08	31.63 0.80 -0.06	31.40 0.68 -0.02	30.97 0.61 0.00	29.73 0.55 0.00	28.87 0.54 0.00	30.00 0.44 -0.05	31.56 0.68 -0.14	38.91 1.02 -0.17	42.07 1.14 -0.10	41.34 1.28 -0.04	35.76 1.04 -0.20	32.98 0.86 -0.29	31.51 0.71 -0.13	30.29 0.62 -0.14
CAITHNESS_CC_1 323624	38.06 2.88 -7.74	34.09 2.81 -4.28	31.06 2.72 -2.18	30.90 2.72 -2.05	30.76 2.85 -0.97	36.38 3.04 -5.74	48.83 3.73 -13.16	51.37 4.34 -12.01	49.83 4.30 -11.45	48.02 3.82 -13.40	43.94 3.81 -9.36	41.23 3.74 -6.78	37.12 3.73 -3.03	35.62 3.59 -2.85	36.62 3.51 -4.77	42.64 3.60 -9.55	55.22 3.94 -20.55	63.24 5.06 -20.46	65.10 5.47 -18.81	63.31 5.28 -18.01	61.07 4.49 -22.06	49.22 4.04 -13.35	43.02 3.68 -8.67	41.88 3.48 -8.87
CALPINE BETH_PAGE_GT4 24209	37.56 2.39 -7.74	33.60 2.32 -4.28	30.64 2.30 -2.18	30.46 2.27 -2.05	30.25 2.34 -0.97	35.88 2.54 -5.74	48.13 3.03 -13.16	50.55 3.50 -12.03	49.10 3.55 -11.46	47.44 3.23 -13.40	43.38 3.26 -9.35	40.71 3.22 -6.78	36.58 3.19 -3.02	35.12 3.09 -2.85	36.13 3.03 -4.77	42.14 3.10 -9.54	54.54 3.26 -20.54	62.22 4.04 -20.46	64.00 4.37 -18.80	62.31 4.28 -18.01	60.22 3.62 -22.07	48.54 3.34 -13.36	42.48 3.13 -8.67	41.29 2.89 -8.86
CALPINE_BETH_PAGE_GT_4 323586	37.56 2.39 -7.74	33.60 2.32 -4.28	30.59 2.25 -2.18	30.43 2.25 -2.05	30.25 2.34 -0.97	35.88 2.54 -5.74	48.13 3.04 -13.16	50.53 3.50 -12.01	49.08 3.55 -11.45	47.43 3.23 -13.40	43.38 3.26 -9.35	40.71 3.22 -6.78	36.58 3.19 -3.02	35.12 3.09 -2.85	36.13 3.03 -4.77	42.14 3.10 -9.54	54.54 3.26 -20.54	62.22 4.04 -20.46	64.00 4.37 -18.80	62.31 4.28 -18.00	60.20 3.62 -22.06	48.52 3.34 -13.35	42.44 3.10 -8.67	41.29 2.90 -8.87
CALPINE_BP_GT1 23823	37.56 2.39 -7.74	33.60 2.32 -4.28	30.59 2.25 -2.18	30.43 2.25 -2.05	30.25 2.34 -0.97	35.88 2.54 -5.74	48.13 3.04 -13.16	50.53 3.50 -12.01	49.08 3.55 -11.45	47.43 3.23 -13.40	43.38 3.26 -9.35	40.71 3.22 -6.78	36.58 3.19 -3.02	35.12 3.09 -2.85	36.13 3.03 -4.77	42.14 3.10 -9.54	54.54 3.26 -20.54	62.22 4.04 -20.46	64.00 4.37 -18.80	62.31 4.28 -18.00	60.20 3.62 -22.06	48.52 3.34 -13.35	42.44 3.10 -8.67	41.29 2.90 -8.87
CALSPAN___DRP 24200	25.74 -2.03 -0.33	25.49 -1.51 0.00	24.69 -1.46 0.00	24.57 -1.57 -0.01	25.29 -1.64 0.00	26.57 -1.55 -0.51	31.89 -1.85 -1.81	34.16 -2.38 -1.53	32.91 -2.39 -1.21	29.15 -1.97 -0.32	29.12 -1.91 -0.26	28.85 -1.93 -0.08	28.63 -1.73 0.00	27.66 -1.52 0.00	26.78 -1.56 0.00	27.61 -2.12 -0.23	29.39 -1.97 -0.62	35.96 -2.49 -0.73	38.15 -3.10 -0.43	37.07 -3.12 -0.17	32.81 -2.55 -0.84	30.82 -2.26 -1.25	29.09 -2.15 -0.56	28.64 -1.48 -0.59

CALVERTON___SOLAR 323806	38.22 3.05 -7.74	34.28 3.00 -4.28	31.24 2.90 -2.18	31.06 2.87 -2.05	30.92 3.02 -0.97	36.54 3.20 -5.74	49.06 3.96 -13.16	51.65 4.62 -12.01	50.11 4.57 -11.45	48.24 4.03 -13.40	44.12 4.00 -9.36	41.38 3.90 -6.78	37.28 3.89 -3.03	35.77 3.74 -2.85	36.76 3.66 -4.77	42.79 3.75 -9.55	55.43 4.15 -20.55	63.54 5.35 -20.46	65.47 5.84 -18.81	63.67 5.64 -18.01	61.35 4.77 -22.06	49.45 4.27 -13.35	43.21 3.87 -8.67	42.09 3.69 -8.87
CANDIGU_WT_PWR 323617	27.70 -0.27 -0.53	27.11 0.11 0.00	25.90 -0.26 0.00	25.94 -0.21 -0.01	27.13 0.19 0.00	28.58 0.17 -0.81	35.18 0.35 -2.89	37.80 0.35 -2.44	36.26 0.24 -1.93	31.56 0.25 -0.52	31.38 0.19 -0.42	30.89 0.06 -0.13	30.70 0.33 0.00	29.53 0.35 0.00	28.62 0.28 0.00	29.75 -0.12 -0.37	32.00 0.28 -0.98	39.52 0.64 -1.16	42.24 0.74 -0.68	41.01 0.72 -0.26	36.39 0.52 -1.35	34.37 0.54 -2.00	31.91 0.34 -0.90	31.03 0.56 -0.94
CARR STREET_E_SYR 24060	27.14 -0.52 -0.22	26.46 -0.54 0.00	25.64 -0.52 0.00	25.62 -0.52 -0.01	26.40 -0.54 0.00	27.53 -0.41 -0.34	32.66 -0.48 -1.20	35.47 -0.56 -1.01	34.34 -0.55 -0.80	30.52 -0.49 -0.21	30.42 -0.52 -0.18	30.14 -0.61 -0.05	29.64 -0.73 0.00	28.48 -0.70 0.00	27.65 -0.68 0.00	28.94 -0.71 -0.15	30.59 -0.55 -0.41	37.64 -0.56 -0.48	40.45 -0.65 -0.28	39.45 -0.68 -0.11	34.46 -0.62 -0.56	32.06 -0.61 -0.83	30.37 -0.67 -0.37	29.36 -0.56 -0.39
CARTHAGE___PAPER 23857	27.11 -0.44 -0.11	26.48 -0.51 0.00	25.66 -0.50 0.00	25.64 -0.50 0.00	26.56 -0.38 0.00	27.53 -0.25 -0.17	32.60 0.06 -0.60	35.70 0.18 -0.51	34.66 0.17 -0.40	30.97 0.06 -0.11	30.83 -0.03 -0.09	30.55 -0.18 -0.03	30.09 -0.27 0.00	28.95 -0.23 0.00	28.11 -0.23 0.00	29.28 -0.29 -0.08	30.88 -0.06 -0.21	38.15 0.19 -0.24	41.25 0.29 -0.14	40.52 0.44 -0.06	35.08 0.27 -0.28	32.38 0.13 -0.42	30.93 0.06 -0.19	29.58 -0.15 -0.20
CASSADAGA_WT_PWR 323784	25.59 -2.22 -0.37	25.51 -1.48 0.00	24.01 -2.14 0.00	24.18 -1.96 -0.01	25.35 -1.59 0.00	26.54 -1.63 -0.56	32.34 -1.60 -2.00	34.74 -1.96 -1.68	33.48 -1.94 -1.33	29.56 -1.60 -0.36	29.49 -1.57 -0.29	29.19 -1.60 -0.09	29.24 -1.12 0.00	28.24 -0.93 0.00	27.32 -1.02 0.00	27.95 -1.80 -0.25	29.85 -1.57 -0.68	36.79 -1.73 -0.80	39.09 -2.21 -0.47	37.93 -2.28 -0.18	33.66 -1.80 -0.93	31.69 -1.53 -1.38	29.70 -1.60 -0.62	29.31 -0.86 -0.64
CE_DUNWOOD___DRP 24194	31.35 1.89 -2.02	28.86 1.86 0.00	27.99 1.83 0.00	28.01 1.83 -0.05	28.82 1.89 0.00	32.74 2.04 -3.09	45.42 2.49 -10.99	47.20 2.91 -9.28	44.39 2.97 -7.33	35.48 2.71 -1.97	35.11 2.74 -1.61	33.88 2.70 -0.48	33.07 2.70 0.00	31.78 2.60 0.00	30.91 2.58 0.00	33.49 2.60 -1.40	37.18 2.70 -3.74	45.52 3.39 -4.41	47.09 3.67 -2.59	44.63 3.60 -1.01	42.73 3.07 -5.14	42.22 2.77 -7.62	36.71 2.61 -3.43	35.48 2.39 -3.56
CE_MILLWOOD___DRP 24193	31.29 1.84 -2.01	28.81 1.81 0.00	27.94 1.78 0.00	27.96 1.78 -0.05	28.77 1.83 0.00	32.67 1.99 -3.07	45.30 2.40 -10.96	47.07 2.80 -9.26	44.23 2.83 -7.32	35.36 2.59 -1.97	34.99 2.62 -1.60	33.76 2.58 -0.47	32.95 2.58 0.00	31.66 2.48 0.00	30.80 2.47 0.00	33.37 2.48 -1.39	37.05 2.58 -3.73	45.36 3.24 -4.40	46.92 3.51 -2.58	44.47 3.44 -1.01	42.58 2.93 -5.12	42.11 2.67 -7.60	36.61 2.52 -3.42	35.42 2.33 -3.55
CE_NYC2_DRP 24202	31.63 2.17 -2.02	29.10 2.11 0.00	28.25 2.09 0.00	28.28 2.09 -0.05	29.09 2.15 0.00	33.02 2.32 -3.09	45.76 2.81 -11.01	47.61 3.29 -9.30	47.46 3.41 -9.96	43.37 3.11 -9.46	47.44 3.14 -13.54	47.44 3.10 -13.63	47.44 3.10 -13.98	42.64 2.98 -10.48	42.71 2.92 -11.46	47.41 2.95 -14.96	55.03 3.10 -21.19	57.94 3.89 -16.33	61.70 4.16 -16.71	56.98 4.08 -12.88	52.18 3.49 -14.17	42.69 3.18 -7.67	38.39 2.98 -4.74	35.88 2.78 -3.57
CE_NYC_DRP 24195	31.52 2.06 -2.02	29.00 2.00 0.00	28.15 1.99 0.00	28.14 1.96 -0.05	28.98 2.05 0.00	32.91 2.21 -3.09	45.63 2.68 -11.01	47.50 3.19 -9.30	44.73 3.27 -7.36	43.16 2.99 -9.37	43.06 3.02 -9.28	42.75 2.98 -9.07	42.74 2.98 -9.40	42.43 2.89 -10.36	42.49 2.83 -11.32	42.56 2.86 -10.20	46.78 3.01 -13.03	50.55 3.77 -9.05	54.68 4.04 -9.82	48.90 3.96 -4.91	43.07 3.38 -5.16	42.54 3.06 -7.65	38.27 2.88 -4.71	35.79 2.69 -3.57
CHAFFEE___LFGE 323603	25.70 -2.09 -0.35	25.57 -1.43 0.00	24.14 -2.01 0.00	24.16 -1.99 -0.01	25.29 -1.64 0.00	26.53 -1.60 -0.53	31.94 -1.88 -1.88	34.19 -2.42 -1.59	32.96 -2.39 -1.26	29.17 -1.97 -0.34	29.11 -1.94 -0.28	28.82 -1.97 -0.08	28.72 -1.64 0.00	27.75 -1.43 0.00	26.83 -1.50 0.00	27.62 -2.12 -0.24	29.38 -2.00 -0.64	36.03 -2.45 -0.76	38.20 -3.06 -0.44	37.12 -3.08 -0.17	32.88 -2.52 -0.88	30.88 -2.26 -1.30	28.99 -2.27 -0.59	28.64 -1.50 -0.61
CHATEAUG_35_KV_LOAD 355732	27.08 -0.36 0.00	26.54 -0.46 0.00	25.61 -0.55 0.00	25.51 -0.63 0.00	26.21 -0.73 0.00	26.61 -0.99 0.00	30.59 -1.34 0.00	33.48 -1.54 0.00	32.42 -1.67 0.00	29.23 -1.57 0.00	29.14 -1.63 0.00	29.14 -1.57 0.00	28.91 -1.46 0.00	27.69 -1.49 0.00	26.89 -1.45 0.00	28.17 -1.33 0.00	29.11 -1.63 0.00	35.80 -1.92 0.00	38.90 -1.92 0.00	38.26 -1.76 0.00	33.14 -1.38 0.00	30.49 -1.34 0.00	29.54 -1.13 0.00	28.49 -1.03 0.00
CHATEAUG_WT_PWR 323614	27.08 -0.36 0.00	26.54 -0.46 0.00	25.66 -0.50 0.00	25.51 -0.63 0.00	26.21 -0.73 0.00	26.59 -1.02 0.00	30.56 -1.37 0.00	33.44 -1.58 0.00	32.35 -1.74 0.00	29.17 -1.63 0.00	29.08 -1.69 0.00	29.05 -1.66 0.00	28.82 -1.55 0.00	27.60 -1.58 0.00	26.80 -1.53 0.00	28.06 -1.44 0.00	29.02 -1.72 0.00	35.65 -2.07 0.00	38.78 -2.04 0.00	38.14 -1.88 0.00	33.04 -1.48 0.00	30.43 -1.40 0.00	29.51 -1.17 0.00	28.44 -1.09 0.00
CHAT_HIGH_FALL_HYD 323578	27.08 -0.36 0.00	26.54 -0.46 0.00	25.61 -0.55 0.00	25.51 -0.63 0.00	26.21 -0.73 0.00	26.61 -0.99 0.00	30.59 -1.34 0.00	33.48 -1.54 0.00	32.42 -1.67 0.00	29.23 -1.57 0.00	29.14 -1.63 0.00	29.14 -1.57 0.00	28.91 -1.46 0.00	27.69 -1.49 0.00	26.89 -1.45 0.00	28.17 -1.33 0.00	29.11 -1.63 0.00	35.80 -1.92 0.00	38.90 -1.92 0.00	38.26 -1.76 0.00	33.14 -1.38 0.00	30.49 -1.34 0.00	29.54 -1.13 0.00	28.49 -1.03 0.00
CHAUTAUQUA___LFGE 323629	25.85 -1.95 -0.35	25.62 -1.38 0.00	24.30 -1.86 0.00	24.37 -1.78 -0.01	25.40 -1.53 0.00	26.77 -1.38 -0.54	32.33 -1.53 -1.92	34.64 -1.99 -1.62	33.39 -1.98 -1.28	29.54 -1.60 -0.34	29.48 -1.57 -0.28	29.19 -1.60 -0.08	29.00 -1.37 0.00	28.01 -1.17 0.00	27.09 -1.25 0.00	27.94 -1.80 -0.24	29.76 -1.63 -0.66	36.57 -1.92 -0.77	38.79 -2.49 -0.45	37.68 -2.52 -0.18	33.46 -1.97 -0.90	31.48 -1.69 -1.33	29.53 -1.75 -0.60	29.17 -0.97 -0.62
CHERRYST_13_KV_LD 356241	31.58 2.11 -2.02	29.05 2.05 0.00	28.20 2.04 0.00	28.22 2.04 -0.05	29.04 2.10 0.00	32.99 2.29 -3.09	45.73 2.78 -11.01	47.61 3.29 -9.30	44.86 3.41 -7.36	43.28 3.11 -9.37	43.19 3.14 -9.28	42.87 3.10 -9.07	42.86 3.10 -9.40	42.51 2.98 -10.36	42.57 2.92 -11.32	42.65 2.95 -10.20	46.87 3.10 -13.03	50.66 3.89 -9.05	54.81 4.16 -9.82	49.02 4.08 -4.91	43.17 3.49 -5.16	42.64 3.15 -7.65	38.36 2.98 -4.71	35.85 2.75 -3.57

CHESTROR_138KV_BK263 355645	30.71 1.43 -1.84	28.43 1.43 0.00	27.57 1.41 0.00	27.59 1.41 -0.05	28.39 1.45 0.00	32.00 1.57 -2.82	43.90 1.92 -10.04	45.70 2.21 -8.48	43.01 2.22 -6.70	34.60 2.00 -1.80	34.27 2.03 -1.47	33.11 1.97 -0.44	32.31 1.94 0.00	31.08 1.90 0.00	30.21 1.87 0.00	32.63 1.86 -1.28	36.15 2.00 -3.42	44.28 2.53 -4.03	45.96 2.78 -2.37	43.63 2.68 -0.92	41.50 2.28 -4.69	40.86 2.07 -6.96	35.74 1.93 -3.13	34.59 1.80 -3.26
CH_MIDHUDSON___DRP 24192	31.35 1.87 -2.05	28.83 1.84 0.00	27.96 1.80 0.00	27.99 1.80 -0.05	28.79 1.86 0.00	32.72 1.99 -3.12	45.50 2.43 -11.14	47.19 2.77 -9.40	44.28 2.76 -7.43	35.29 2.49 -2.00	34.89 2.49 -1.63	33.64 2.46 -0.48	32.79 2.43 0.00	31.54 2.36 0.00	30.66 2.32 0.00	33.27 2.36 -1.41	37.02 2.49 -3.79	45.32 3.13 -4.47	46.88 3.43 -2.62	44.33 3.28 -1.02	42.56 2.83 -5.21	42.13 2.58 -7.72	36.57 2.42 -3.48	35.41 2.27 -3.61
CH_MISC_IPPS 23765	31.39 1.95 -2.01	28.91 1.92 0.00	27.99 1.83 0.00	28.04 1.86 -0.05	28.88 1.94 0.00	32.77 2.10 -3.06	45.42 2.56 -10.93	47.13 2.90 -9.21	44.26 2.90 -7.28	35.31 2.56 -1.96	34.92 2.55 -1.60	33.66 2.49 -0.47	32.86 2.49 0.00	31.57 2.39 0.00	30.69 2.35 0.00	33.28 2.39 -1.39	37.00 2.55 -3.72	45.35 3.24 -4.38	46.95 3.55 -2.57	44.42 3.40 -1.00	42.52 2.90 -5.10	42.03 2.64 -7.56	36.56 2.48 -3.40	35.40 2.33 -3.54
CH_RES_BVR_FALLS 23983	26.76 -0.68 0.00	26.32 -0.67 0.00	25.56 -0.60 0.00	25.56 -0.58 0.00	26.37 -0.57 0.00	26.94 -0.66 0.00	31.14 -0.80 0.00	34.18 -0.84 0.00	33.24 -0.85 0.00	30.03 -0.77 0.00	30.00 -0.77 0.00	29.94 -0.77 0.00	29.64 -0.73 0.00	28.42 -0.76 0.00	27.54 -0.79 0.00	28.71 -0.80 0.00	29.78 -0.95 0.00	36.59 -1.13 0.00	39.72 -1.10 0.00	38.98 -1.04 0.00	33.69 -0.83 0.00	31.07 -0.76 0.00	30.03 -0.65 0.00	28.91 -0.62 0.00
CH_RES_NIAGARA 23895	25.34 -2.41 -0.31	24.57 -2.43 0.00	23.83 -2.33 0.00	23.84 -2.30 -0.01	24.38 -2.56 0.00	26.10 -1.99 -0.48	31.06 -2.59 -1.71	33.10 -3.36 -1.44	31.92 -3.31 -1.14	28.37 -2.74 -0.31	28.37 -2.65 -0.25	28.08 -2.70 -0.07	27.39 -2.97 0.00	26.50 -2.68 0.00	25.61 -2.72 0.00	26.91 -2.80 -0.22	28.55 -2.77 -0.58	34.75 -3.66 -0.69	36.82 -4.41 -0.40	35.82 -4.36 -0.16	31.73 -3.59 -0.80	29.83 -3.18 -1.18	28.11 -3.10 -0.53	27.87 -2.22 -0.56
CH_RES_SYRACUSE 23985	27.35 -0.33 -0.24	26.65 -0.35 0.00	25.82 -0.34 0.00	25.80 -0.34 -0.01	26.58 -0.35 0.00	27.81 -0.16 -0.37	33.16 -0.10 -1.32	35.99 -0.14 -1.11	34.80 -0.17 -0.88	30.88 -0.15 -0.24	30.75 -0.21 -0.19	30.49 -0.28 -0.06	29.97 -0.40 0.00	28.80 -0.38 0.00	27.94 -0.40 0.00	29.25 -0.41 -0.17	30.97 -0.21 -0.45	38.14 -0.11 -0.53	41.01 -0.12 -0.31	39.98 -0.16 -0.12	34.93 -0.21 -0.61	32.55 -0.19 -0.91	30.81 -0.28 -0.41	29.75 -0.21 -0.43
CLINTON_WT_PWR 323605	27.08 -0.36 0.00	26.54 -0.46 0.00	25.66 -0.50 0.00	25.51 -0.63 0.00	26.21 -0.73 0.00	26.59 -1.02 0.00	30.56 -1.37 0.00	33.44 -1.58 0.00	32.35 -1.74 0.00	29.17 -1.63 0.00	29.08 -1.69 0.00	29.05 -1.66 0.00	28.82 -1.55 0.00	27.60 -1.58 0.00	26.80 -1.53 0.00	28.06 -1.44 0.00	29.02 -1.72 0.00	35.65 -2.07 0.00	38.78 -2.04 0.00	38.14 -1.88 0.00	33.04 -1.48 0.00	30.43 -1.40 0.00	29.51 -1.17 0.00	28.44 -1.09 0.00
CLINTON___LFGE 323618	27.47 0.03 0.00	26.92 -0.08 0.00	26.00 -0.16 0.00	25.87 -0.26 0.00	26.61 -0.32 0.00	27.00 -0.61 0.00	31.01 -0.93 0.00	33.93 -1.09 0.00	32.79 -1.30 0.00	29.60 -1.20 0.00	29.48 -1.29 0.00	29.48 -1.23 0.00	29.18 -1.18 0.00	27.96 -1.22 0.00	27.15 -1.19 0.00	28.47 -1.03 0.00	29.45 -1.29 0.00	36.29 -1.43 0.00	39.44 -1.39 0.00	38.74 -1.28 0.00	33.63 -0.90 0.00	30.94 -0.89 0.00	30.00 -0.67 0.00	28.91 -0.62 0.00
COBBLENY_34_KV_TB1 80064	25.70 -2.09 -0.35	25.57 -1.43 0.00	24.77 -1.39 0.00	24.65 -1.49 -0.01	25.37 -1.56 0.00	26.53 -1.60 -0.53	31.94 -1.88 -1.88	34.23 -2.38 -1.59	32.96 -2.39 -1.26	29.17 -1.97 -0.34	29.11 -1.94 -0.28	28.82 -1.97 -0.08	28.72 -1.64 0.00	27.75 -1.43 0.00	26.86 -1.47 0.00	27.62 -2.12 -0.24	29.38 -2.00 -0.64	36.02 -2.45 -0.76	38.21 -3.06 -0.44	37.11 -3.08 -0.17	32.88 -2.52 -0.88	30.91 -2.23 -1.31	29.12 -2.15 -0.59	28.63 -1.51 -0.61
COFFEEN___115KV_TB3 355620	27.51 -0.05 -0.13	26.86 -0.13 0.00	26.00 -0.16 0.00	26.01 -0.13 0.00	26.91 -0.03 0.00	28.00 0.19 -0.20	33.27 0.64 -0.70	36.44 0.84 -0.59	35.37 0.82 -0.46	31.54 0.62 -0.12	31.36 0.49 -0.10	30.98 0.25 -0.03	30.49 0.12 0.00	29.33 0.15 0.00	28.51 0.17 0.00	29.74 0.15 -0.09	31.53 0.55 -0.24	39.06 1.06 -0.28	42.25 1.27 -0.16	41.41 1.32 -0.06	35.85 1.00 -0.32	33.11 0.80 -0.48	31.41 0.52 -0.22	30.11 0.35 -0.23
COLDSPRG_115KV_BK1 355956	25.96 -1.87 -0.38	26.27 -0.73 0.00	25.45 -0.71 0.00	25.41 -0.73 -0.01	26.15 -0.78 0.00	26.86 -1.33 -0.58	32.64 -1.37 -2.08	35.16 -1.61 -1.75	33.80 -1.67 -1.38	29.79 -1.39 -0.37	29.69 -1.38 -0.30	29.38 -1.41 -0.09	29.88 -0.49 0.00	28.83 -0.35 0.00	27.91 -0.43 0.00	28.11 -1.65 -0.26	30.03 -1.41 -0.71	37.04 -1.51 -0.83	39.31 -2.00 -0.49	38.17 -2.04 -0.19	33.80 -1.69 -0.97	31.77 -1.50 -1.44	29.82 -1.50 -0.65	29.29 -0.92 -0.67
COLONIE_LFGE___ 323577	31.46 1.54 -2.48	28.54 1.54 0.00	27.62 1.46 0.00	27.66 1.46 -0.06	28.47 1.53 0.00	32.94 1.55 -3.79	47.25 1.79 -13.52	48.50 2.27 -11.21	45.16 2.21 -8.85	35.21 2.03 -2.38	34.71 2.00 -1.94	33.28 1.99 -0.58	32.25 1.88 0.00	31.05 1.87 0.00	30.15 1.82 0.00	33.05 1.86 -1.69	37.29 2.03 -4.52	45.58 2.53 -5.33	46.73 2.78 -3.13	43.92 2.68 -1.22	43.07 2.35 -6.20	43.13 2.10 -9.20	36.84 2.02 -4.14	35.86 2.01 -4.33
COOPERNY_115KV_TB1 80082	30.04 1.10 -1.51	28.10 1.11 0.00	27.23 1.07 0.00	27.24 1.07 -0.04	28.04 1.10 0.00	31.12 1.21 -2.30	41.64 1.50 -8.21	43.70 1.75 -6.93	41.34 1.77 -5.48	33.87 1.60 -1.47	33.57 1.60 -1.20	32.63 1.57 -0.36	31.88 1.52 0.00	30.64 1.46 0.00	29.78 1.45 0.00	31.99 1.45 -1.04	35.10 1.57 -2.79	43.01 2.00 -3.29	44.92 2.16 -1.93	42.90 2.12 -0.75	40.19 1.83 -3.84	39.18 1.66 -5.69	34.77 1.53 -2.56	33.61 1.42 -2.66
COPENHAGEN_WT_PWR 323753	27.27 -0.30 -0.13	26.62 -0.38 0.00	25.82 -0.34 0.00	25.77 -0.37 0.00	26.67 -0.27 0.00	27.73 -0.08 -0.20	32.91 0.25 -0.72	36.01 0.39 -0.61	34.94 0.38 -0.48	31.18 0.25 -0.13	31.00 0.12 -0.11	30.67 -0.06 -0.03	30.18 -0.18 0.00	29.03 -0.15 0.00	28.22 -0.11 0.00	29.42 -0.18 -0.09	31.14 0.15 -0.25	38.50 0.49 -0.29	41.61 0.61 -0.17	40.77 0.68 -0.07	35.34 0.48 -0.34	32.65 0.32 -0.50	31.12 0.22 -0.22	29.76 0.00 -0.23
CORNELL_____ 23752	28.45 0.52 -0.49	27.54 0.54 0.00	26.68 0.52 0.00	26.67 0.52 -0.01	27.53 0.59 0.00	29.13 0.77 -0.74	35.68 1.09 -2.65	38.48 1.23 -2.24	36.95 1.09 -1.77	32.23 0.95 -0.48	32.02 0.86 -0.39	31.53 0.71 -0.12	31.03 0.67 0.00	29.82 0.64 0.00	28.93 0.60 0.00	30.37 0.53 -0.34	32.56 0.92 -0.90	40.18 1.40 -1.07	43.00 1.55 -0.63	41.75 1.48 -0.24	36.94 1.17 -1.24	34.72 1.05 -1.84	32.36 0.86 -0.83	31.25 0.86 -0.86

CORONA__69_KV_TB1 355595	37.62 2.44 -7.74	33.68 2.40 -4.28	30.69 2.35 -2.18	30.54 2.35 -2.05	30.33 2.42 -0.97	35.94 2.60 -5.74	48.19 3.10 -13.16	50.65 3.61 -12.03	49.19 3.65 -11.46	47.49 3.30 -13.40	43.47 3.35 -9.35	40.79 3.32 -6.77	36.69 3.31 -3.02	35.21 3.18 -2.84	36.21 3.12 -4.76	42.20 3.16 -9.54	54.54 3.26 -20.54	62.29 4.11 -20.46	64.07 4.45 -18.80	62.39 4.36 -18.00	60.32 3.73 -22.06	48.56 3.37 -13.36	42.56 3.22 -8.67	41.40 3.01 -8.86
CORTLAND__115KV_TB3 80093	28.11 0.27 -0.40	27.32 0.32 0.00	26.47 0.31 0.00	26.46 0.31 -0.01	27.29 0.35 0.00	28.71 0.50 -0.61	34.83 0.73 -2.16	37.65 0.81 -1.83	36.28 0.75 -1.44	31.84 0.65 -0.39	31.67 0.58 -0.32	31.26 0.46 -0.09	30.79 0.43 0.00	29.59 0.41 0.00	28.73 0.40 0.00	30.10 0.32 -0.27	32.09 0.61 -0.74	39.49 0.91 -0.87	42.31 0.98 -0.51	41.14 0.92 -0.20	36.26 0.72 -1.01	34.00 0.67 -1.50	31.87 0.52 -0.67	30.76 0.53 -0.70
COXSACKIE__GT 23611	32.31 2.55 -2.32	29.81 2.81 0.00	28.62 2.46 0.00	28.73 2.53 -0.06	29.76 2.83 0.00	33.86 2.71 -3.55	47.49 2.91 -12.65	48.35 2.70 -10.63	44.84 2.35 -8.40	34.94 1.88 -2.26	34.37 1.75 -1.85	32.94 1.69 -0.55	32.06 1.70 0.00	30.84 1.66 0.00	30.06 1.73 0.00	32.84 1.74 -1.60	37.05 2.03 -4.29	45.23 2.45 -5.06	46.86 3.06 -2.97	43.82 2.64 -1.16	42.69 2.28 -5.89	42.60 2.04 -8.73	36.72 2.11 -3.93	35.78 2.15 -4.10
CPV_VALLEY__CC1 323721	30.37 1.21 -1.73	28.24 1.24 0.00	27.34 1.18 0.00	27.35 1.18 -0.04	28.18 1.24 0.00	31.57 1.33 -2.64	42.96 1.63 -9.40	44.86 1.92 -7.92	42.29 1.94 -6.26	34.24 1.75 -1.68	33.93 1.78 -1.38	32.86 1.75 -0.41	32.09 1.73 0.00	30.84 1.66 0.00	29.95 1.61 0.00	32.31 1.62 -1.19	35.69 1.75 -3.20	43.71 2.22 -3.77	45.44 2.41 -2.21	43.20 2.32 -0.86	40.91 2.00 -4.38	40.15 1.81 -6.50	35.29 1.69 -2.93	34.14 1.56 -3.05
CPV_VALLEY__CC2 323722	30.37 1.21 -1.73	28.24 1.24 0.00	27.34 1.18 0.00	27.35 1.18 -0.04	28.18 1.24 0.00	31.57 1.33 -2.64	42.96 1.63 -9.40	44.86 1.92 -7.92	42.29 1.94 -6.26	34.24 1.75 -1.68	33.93 1.78 -1.38	32.86 1.75 -0.41	32.09 1.73 0.00	30.84 1.66 0.00	29.95 1.61 0.00	32.31 1.62 -1.19	35.69 1.75 -3.20	43.71 2.22 -3.77	45.44 2.41 -2.21	43.20 2.32 -0.86	40.91 2.00 -4.38	40.15 1.81 -6.50	35.29 1.69 -2.93	34.14 1.56 -3.05
CRESCENT__HYD 24018	31.46 1.54 -2.48	28.54 1.54 0.00	27.62 1.46 0.00	27.66 1.46 -0.06	28.47 1.53 0.00	32.94 1.55 -3.79	47.25 1.79 -13.52	48.50 2.27 -11.21	45.16 2.21 -8.85	35.21 2.03 -2.38	34.71 2.00 -1.94	33.28 1.99 -0.58	32.25 1.88 0.00	31.05 1.87 0.00	30.15 1.82 0.00	33.05 1.86 -1.69	37.29 2.03 -4.52	45.58 2.53 -5.33	46.73 2.78 -3.13	43.92 2.68 -1.22	43.07 2.35 -6.20	43.13 2.10 -9.20	36.84 2.02 -4.14	35.86 2.01 -4.33
CRICKET__VALLEY_CC1 323756	31.31 1.76 -2.12	28.75 1.75 0.00	27.83 1.68 0.00	27.86 1.67 -0.05	28.69 1.75 0.00	32.72 1.88 -3.23	45.73 2.27 -11.53	47.32 2.59 -9.71	44.39 2.63 -7.67	35.27 2.40 -2.06	34.86 2.40 -1.69	33.57 2.36 -0.50	32.76 2.40 0.00	31.52 2.34 0.00	30.60 2.27 0.00	33.27 2.30 -1.46	37.09 2.43 -3.92	45.40 3.05 -4.62	46.76 3.22 -2.71	44.28 3.20 -1.05	42.62 2.73 -5.37	42.29 2.48 -7.97	36.63 2.36 -3.59	35.47 2.22 -3.73
CRICKET__VALLEY_CC2 323757	31.31 1.76 -2.12	28.75 1.75 0.00	27.83 1.68 0.00	27.86 1.67 -0.05	28.69 1.75 0.00	32.72 1.88 -3.23	45.73 2.27 -11.53	47.32 2.59 -9.71	44.39 2.63 -7.67	35.27 2.40 -2.06	34.86 2.40 -1.69	33.57 2.36 -0.50	32.76 2.40 0.00	31.52 2.34 0.00	30.60 2.27 0.00	33.27 2.30 -1.46	37.09 2.43 -3.92	45.40 3.05 -4.62	46.76 3.22 -2.71	44.28 3.20 -1.05	42.62 2.73 -5.37	42.29 2.48 -7.97	36.63 2.36 -3.59	35.47 2.22 -3.73
CRICKET__VALLEY_CC3 323758	31.31 1.76 -2.12	28.75 1.75 0.00	27.83 1.68 0.00	27.86 1.67 -0.05	28.69 1.75 0.00	32.72 1.88 -3.23	45.73 2.27 -11.53	47.32 2.59 -9.71	44.39 2.63 -7.67	35.27 2.40 -2.06	34.86 2.40 -1.69	33.57 2.36 -0.50	32.76 2.40 0.00	31.52 2.34 0.00	30.60 2.27 0.00	33.27 2.30 -1.46	37.09 2.43 -3.92	45.40 3.05 -4.62	46.76 3.22 -2.71	44.28 3.20 -1.05	42.62 2.73 -5.37	42.29 2.48 -7.97	36.63 2.36 -3.59	35.47 2.22 -3.73
CRUCIBLE__METL_DRP 24180	27.35 -0.33 -0.24	26.65 -0.35 0.00	25.82 -0.34 0.00	25.77 -0.37 -0.01	26.59 -0.35 0.00	27.81 -0.17 -0.37	33.16 -0.10 -1.32	36.02 -0.11 -1.11	34.80 -0.17 -0.88	30.88 -0.15 -0.24	30.75 -0.22 -0.19	30.49 -0.28 -0.06	29.97 -0.39 0.00	28.80 -0.38 0.00	27.94 -0.40 0.00	29.25 -0.41 -0.17	30.97 -0.22 -0.45	38.14 -0.11 -0.53	41.01 -0.12 -0.31	39.98 -0.16 -0.12	34.93 -0.21 -0.62	32.55 -0.19 -0.91	30.84 -0.25 -0.41	29.75 -0.21 -0.43
DAHOWA__HYDRO 323763	31.69 1.73 -2.52	28.73 1.73 0.00	27.78 1.62 0.00	27.84 1.65 -0.06	28.66 1.73 0.00	32.89 1.43 -3.84	47.40 1.76 -13.71	48.56 2.10 -11.44	45.11 1.98 -9.04	34.99 1.75 -2.43	34.42 1.66 -1.99	32.92 1.63 -0.59	31.85 1.49 0.00	30.67 1.49 0.00	29.81 1.47 0.00	32.76 1.53 -1.72	37.26 1.91 -4.62	45.62 2.45 -5.45	46.76 2.74 -3.20	43.83 2.56 -1.24	43.17 2.31 -6.33	43.27 2.04 -9.40	36.81 1.90 -4.23	35.78 1.83 -4.42
DANC__LFGE 323619	27.13 -0.47 -0.16	26.46 -0.54 0.00	25.66 -0.50 0.00	25.64 -0.50 0.00	26.48 -0.46 0.00	27.57 -0.28 -0.24	32.69 -0.10 -0.85	35.70 -0.03 -0.72	34.59 -0.07 -0.57	30.89 -0.06 -0.15	30.74 -0.15 -0.12	30.43 -0.31 -0.04	29.94 -0.43 0.00	28.77 -0.41 0.00	27.97 -0.37 0.00	29.17 -0.44 -0.11	30.84 -0.18 -0.29	38.06 0.00 -0.34	41.07 0.04 -0.20	40.18 0.08 -0.08	34.89 -0.03 -0.40	32.36 -0.06 -0.59	30.79 -0.15 -0.27	29.57 -0.24 -0.28
DANSKAMMER__1 23586	31.39 1.95 -2.01	28.91 1.92 0.00	27.99 1.83 0.00	28.04 1.86 -0.05	28.88 1.94 0.00	32.77 2.10 -3.06	45.42 2.56 -10.93	47.13 2.90 -9.21	44.26 2.90 -7.28	35.31 2.56 -1.96	34.92 2.55 -1.60	33.66 2.49 -0.47	32.86 2.49 0.00	31.57 2.39 0.00	30.69 2.35 0.00	33.28 2.39 -1.39	37.00 2.55 -3.72	45.35 3.24 -4.38	46.95 3.55 -2.57	44.42 3.40 -1.00	42.52 2.90 -5.10	42.03 2.64 -7.56	36.56 2.48 -3.40	35.40 2.33 -3.54
DANSKAMMER__2 23589	31.39 1.95 -2.01	28.91 1.92 0.00	27.99 1.83 0.00	28.04 1.86 -0.05	28.88 1.94 0.00	32.77 2.10 -3.06	45.42 2.56 -10.93	47.13 2.90 -9.21	44.26 2.90 -7.28	35.31 2.56 -1.96	34.92 2.55 -1.60	33.66 2.49 -0.47	32.86 2.49 0.00	31.57 2.39 0.00	30.69 2.35 0.00	33.28 2.39 -1.39	37.00 2.55 -3.72	45.35 3.24 -4.38	46.95 3.55 -2.57	44.42 3.40 -1.00	42.52 2.90 -5.10	42.03 2.64 -7.56	36.56 2.48 -3.40	35.40 2.33 -3.54
DANSKAMMER__3 23590	31.39 1.95 -2.01	28.91 1.92 0.00	27.99 1.83 0.00	28.04 1.86 -0.05	28.88 1.94 0.00	32.77 2.10 -3.06	45.42 2.56 -10.93	47.13 2.90 -9.21	44.26 2.90 -7.28	35.31 2.56 -1.96	34.92 2.55 -1.60	33.66 2.49 -0.47	32.86 2.49 0.00	31.57 2.39 0.00	30.69 2.35 0.00	33.28 2.39 -1.39	37.00 2.55 -3.72	45.35 3.24 -4.38	46.95 3.55 -2.57	44.42 3.40 -1.00	42.52 2.90 -5.10	42.03 2.64 -7.56	36.56 2.48 -3.40	35.40 2.33 -3.54

DANSKAMMER___4 23591	31.39 1.95 -2.01	28.91 1.92 0.00	27.99 1.83 0.00	28.04 1.86 -0.05	28.88 1.94 0.00	32.77 2.10 -3.06	45.42 2.56 -10.93	47.13 2.90 -9.21	44.26 2.90 -7.28	35.31 2.56 -1.96	34.92 2.55 -1.60	33.66 2.49 -0.47	32.86 2.49 0.00	31.57 2.39 0.00	30.69 2.35 0.00	33.28 2.39 -1.39	37.00 2.55 -3.72	45.35 3.24 -4.38	46.95 3.55 -2.57	44.42 3.40 -1.00	42.52 2.90 -5.10	42.03 2.64 -7.56	36.56 2.48 -3.40	35.40 2.33 -3.54
DANSKAMMER___DIESEL 23592	31.39 1.95 -2.01	28.91 1.92 0.00	28.04 1.88 0.00	28.07 1.88 -0.05	28.87 1.94 0.00	32.77 2.10 -3.06	45.42 2.55 -10.93	47.15 2.91 -9.23	44.24 2.86 -7.29	35.32 2.56 -1.96	34.92 2.55 -1.60	33.67 2.49 -0.47	32.85 2.49 0.00	31.57 2.39 0.00	30.72 2.38 0.00	33.28 2.39 -1.39	37.01 2.55 -3.72	45.31 3.21 -4.38	46.95 3.55 -2.57	44.43 3.40 -1.00	42.53 2.90 -5.11	42.05 2.64 -7.58	36.57 2.48 -3.41	35.40 2.33 -3.54
DARBY___SOLAR 323810	31.65 1.70 -2.51	28.67 1.67 0.00	27.75 1.60 0.00	27.79 1.59 -0.06	28.61 1.67 0.00	32.91 1.46 -3.84	47.38 1.76 -13.68	48.52 2.10 -11.40	45.15 2.05 -9.01	35.04 1.82 -2.42	34.47 1.72 -1.98	32.98 1.69 -0.59	31.94 1.58 0.00	30.75 1.57 0.00	29.89 1.56 0.00	32.84 1.62 -1.72	37.28 1.94 -4.60	45.60 2.45 -5.43	46.75 2.74 -3.19	43.83 2.56 -1.24	43.11 2.28 -6.31	43.23 2.04 -9.36	36.79 1.90 -4.21	35.79 1.86 -4.40
DASHVILLE___HYD 23610	30.74 1.23 -2.06	28.64 1.65 0.00	27.78 1.62 0.00	27.81 1.62 -0.05	28.61 1.67 0.00	32.16 1.41 -3.15	44.98 1.82 -11.22	46.63 2.14 -9.48	43.72 2.15 -7.49	34.72 1.91 -2.01	34.35 1.94 -1.64	33.06 1.87 -0.49	32.46 2.10 0.00	31.16 1.98 0.00	30.32 1.98 0.00	32.69 1.77 -1.42	36.43 1.88 -3.81	44.63 2.41 -4.50	46.12 2.65 -2.64	43.57 2.52 -1.03	41.94 2.17 -5.25	41.59 1.97 -7.78	35.99 1.81 -3.50	34.79 1.62 -3.64
DEERFIELD_69_KV_DEERFIELD LD 355887	38.61 3.43 -7.74	34.66 3.37 -4.28	31.63 3.30 -2.18	31.48 3.29 -2.05	31.27 3.37 -0.97	36.91 3.56 -5.74	49.54 4.44 -13.16	52.12 5.08 -12.03	50.56 5.01 -11.46	48.61 4.40 -13.40	44.46 4.34 -9.36	41.69 4.21 -6.78	37.55 4.16 -3.03	36.00 3.97 -2.85	37.01 3.91 -4.77	43.12 4.07 -9.55	55.80 4.52 -20.55	64.07 5.88 -20.46	66.12 6.49 -18.81	64.28 6.24 -18.01	61.84 5.25 -22.07	49.91 4.71 -13.37	43.61 4.26 -8.67	42.44 4.05 -8.87
DELAWARE___LFGE 323621	29.53 1.21 -0.89	28.21 1.21 0.00	27.36 1.20 0.00	27.36 1.20 -0.02	28.20 1.27 0.00	30.31 1.35 -1.35	38.49 1.72 -4.83	41.05 1.96 -4.08	39.25 1.94 -3.22	33.39 1.72 -0.87	33.17 1.69 -0.71	32.51 1.60 -0.21	31.94 1.58 0.00	30.73 1.55 0.00	29.84 1.50 0.00	31.59 1.48 -0.61	34.04 1.66 -1.64	41.85 2.19 -1.94	44.29 2.33 -1.14	42.79 2.32 -0.44	38.71 1.93 -2.26	36.99 1.81 -3.35	33.84 1.66 -1.51	32.66 1.56 -1.57
DERFIELD_115KV_TB7 355931	27.71 0.27 0.00	27.27 0.27 0.00	26.45 0.29 0.00	26.42 0.29 0.00	27.23 0.30 0.00	27.94 0.33 0.00	32.35 0.42 0.00	35.47 0.46 0.00	34.57 0.48 0.00	31.23 0.43 0.00	31.20 0.43 0.00	31.10 0.40 0.00	30.73 0.36 0.00	29.53 0.35 0.00	28.68 0.34 0.00	29.85 0.35 0.00	31.14 0.40 0.00	38.25 0.53 0.00	41.39 0.57 0.00	40.58 0.56 0.00	34.97 0.45 0.00	32.28 0.45 0.00	31.07 0.40 0.00	29.91 0.38 0.00
DOGLEVILLE___HYD 23807	27.58 0.14 0.00	27.05 0.05 0.00	26.16 0.00 0.00	26.08 -0.05 0.00	26.88 -0.05 0.00	27.64 0.03 0.00	31.94 0.00 0.00	35.02 0.00 0.00	34.12 0.03 0.00	30.80 0.00 0.00	30.80 0.03 0.00	30.67 -0.03 0.00	30.27 -0.09 0.00	29.06 -0.12 0.00	28.22 -0.11 0.00	29.35 -0.15 0.00	30.65 -0.09 0.00	37.68 -0.04 0.00	40.86 0.04 0.00	40.10 0.08 0.00	34.59 0.07 0.00	31.99 0.16 0.00	30.83 0.15 0.00	29.65 0.12 0.00
DUNKIRK___115KV_TB_200 55889	25.87 -1.92 -0.35	25.62 -1.38 0.00	24.82 -1.33 0.00	24.76 -1.39 -0.01	25.45 -1.48 0.00	26.76 -1.38 -0.54	32.29 -1.56 -1.92	34.64 -2.00 -1.62	33.36 -2.01 -1.28	29.51 -1.63 -0.34	29.45 -1.60 -0.28	29.16 -1.63 -0.08	28.97 -1.40 0.00	27.98 -1.20 0.00	27.09 -1.25 0.00	27.92 -1.83 -0.24	29.73 -1.66 -0.65	36.53 -1.96 -0.77	38.70 -2.57 -0.45	37.60 -2.60 -0.18	33.42 -2.00 -0.90	31.41 -1.75 -1.33	29.59 -1.69 -0.60	29.12 -1.03 -0.62
DUNKIRK___1 23563	25.87 -1.92 -0.35	25.62 -1.38 0.00	24.82 -1.33 0.00	24.76 -1.39 -0.01	25.45 -1.48 0.00	26.76 -1.38 -0.54	32.29 -1.56 -1.92	34.64 -2.00 -1.62	33.36 -2.01 -1.28	29.51 -1.63 -0.34	29.45 -1.60 -0.28	29.16 -1.63 -0.08	28.97 -1.40 0.00	27.98 -1.20 0.00	27.09 -1.25 0.00	27.92 -1.83 -0.24	29.73 -1.66 -0.65	36.53 -1.96 -0.77	38.70 -2.57 -0.45	37.60 -2.60 -0.18	33.42 -2.00 -0.90	31.41 -1.75 -1.33	29.59 -1.69 -0.60	29.12 -1.03 -0.62
DUNKIRK___2 23564	25.87 -1.92 -0.35	25.62 -1.38 0.00	24.82 -1.33 0.00	24.76 -1.39 -0.01	25.45 -1.48 0.00	26.76 -1.38 -0.54	32.29 -1.56 -1.92	34.64 -2.00 -1.62	33.36 -2.01 -1.28	29.51 -1.63 -0.34	29.45 -1.60 -0.28	29.16 -1.63 -0.08	28.97 -1.40 0.00	27.98 -1.20 0.00	27.09 -1.25 0.00	27.92 -1.83 -0.24	29.73 -1.66 -0.65	36.53 -1.96 -0.77	38.70 -2.57 -0.45	37.60 -2.60 -0.18	33.42 -2.00 -0.90	31.41 -1.75 -1.33	29.59 -1.69 -0.60	29.12 -1.03 -0.62
DUNKIRK___3 23565	25.87 -1.92 -0.35	25.67 -1.32 0.00	24.88 -1.28 0.00	24.78 -1.36 -0.01	25.51 -1.43 0.00	26.73 -1.41 -0.53	32.20 -1.63 -1.90	34.55 -2.07 -1.60	33.28 -2.08 -1.27	29.45 -1.69 -0.34	29.42 -1.63 -0.28	29.10 -1.69 -0.08	28.97 -1.40 0.00	27.98 -1.20 0.00	27.09 -1.25 0.00	27.85 -1.89 -0.24	29.66 -1.72 -0.65	36.41 -2.07 -0.76	38.62 -2.65 -0.45	37.52 -2.68 -0.17	33.20 -2.21 -0.89	31.24 -1.91 -1.32	29.43 -1.84 -0.59	28.93 -1.21 -0.62
DUNKIRK___4 23566	25.83 -1.95 -0.34	25.59 -1.40 0.00	24.80 -1.36 0.00	24.73 -1.41 -0.01	25.43 -1.51 0.00	26.69 -1.44 -0.52	32.13 -1.66 -1.85	34.48 -2.10 -1.57	33.21 -2.11 -1.24	29.41 -1.72 -0.33	29.38 -1.66 -0.27	29.07 -1.72 -0.08	28.91 -1.46 0.00	27.93 -1.25 0.00	27.00 -1.33 0.00	27.82 -1.92 -0.24	29.62 -1.75 -0.63	36.35 -2.11 -0.74	38.57 -2.69 -0.44	37.47 -2.72 -0.17	33.18 -2.21 -0.87	31.21 -1.91 -1.29	29.41 -1.84 -0.58	28.92 -1.21 -0.60
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	31.41 1.95 -2.02	28.89 1.89 0.00	28.04 1.88 0.00	28.07 1.88 -0.05	28.87 1.94 0.00	32.80 2.10 -3.09	45.51 2.55 -11.01	47.33 3.01 -9.30	44.51 3.07 -7.35	35.58 2.80 -1.98	35.21 2.83 -1.61	33.98 2.79 -0.48	33.16 2.79 0.00	31.86 2.68 0.00	31.00 2.66 0.00	33.58 2.68 -1.40	37.31 2.83 -3.75	45.68 3.55 -4.42	47.21 3.80 -2.59	44.76 3.72 -1.01	42.85 3.18 -5.15	42.37 2.90 -7.64	36.81 2.70 -3.44	35.58 2.48 -3.57
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	31.03 1.65 -1.94	28.64 1.65 0.00	27.78 1.62 0.00	27.78 1.59 -0.05	28.61 1.67 0.00	32.36 1.79 -2.96	44.67 2.17 -10.56	46.45 2.52 -8.92	43.62 2.49 -7.05	34.94 2.25 -1.89	34.56 2.25 -1.55	33.34 2.18 -0.46	32.52 2.16 0.00	31.25 2.07 0.00	30.40 2.07 0.00	32.91 2.07 -1.34	36.54 2.21 -3.59	44.78 2.83 -4.24	46.41 3.10 -2.49	43.95 2.96 -0.97	42.01 2.55 -4.94	41.48 2.32 -7.32	36.15 2.18 -3.30	34.96 2.01 -3.42

E179THST_138_KV_TB4_REV_LBMP_J 345001	31.58 2.11 -2.02	29.08 2.08 0.00	28.20 2.04 0.00	28.22 2.04 -0.05	29.09 2.15 0.00	32.99 2.29 -3.09	45.66 2.71 -11.01	47.47 3.15 -9.30	44.65 3.20 -7.36	35.99 2.96 -12.23	35.63 2.98 -1.88	34.43 2.95 -0.78	33.64 2.95 -0.33	32.37 2.83 -0.36	31.51 2.78 -0.40	34.04 2.83 -1.70	37.76 2.95 -4.07	45.99 3.70 -4.57	47.67 4.00 -2.84	45.05 3.88 -1.14	43.03 3.35 -5.16	42.50 3.02 -7.65	37.00 2.85 -3.47	35.76 2.66 -3.57
E179THST_13_KV_LOAD 356214	31.69 2.22 -2.02	29.18 2.19 0.00	28.30 2.14 0.00	28.33 2.14 -0.05	29.17 2.24 0.00	33.10 2.40 -3.09	45.79 2.84 -11.01	47.64 3.33 -9.30	44.82 3.37 -7.36	36.14 3.11 -12.23	35.78 3.14 -1.88	34.58 3.10 -0.78	33.76 3.07 -0.33	32.52 2.98 -0.36	31.65 2.92 -0.40	34.15 2.95 -1.70	37.91 3.10 -4.07	46.18 3.89 -4.57	47.87 4.20 -2.84	45.29 4.12 -1.14	43.20 3.52 -5.16	42.66 3.18 -7.65	37.16 3.01 -3.47	35.88 2.78 -3.57
EAST HAMPTON___GT 23717	38.74 3.57 -7.74	34.79 3.51 -4.28	31.71 3.38 -2.18	31.56 3.37 -2.05	31.35 3.45 -0.97	36.96 3.62 -5.74	49.60 4.50 -13.16	52.21 5.18 -12.01	50.62 5.08 -11.45	48.64 4.44 -13.40	44.49 4.37 -9.36	41.69 4.21 -6.78	37.52 4.13 -3.03	36.00 3.97 -2.85	36.99 3.88 -4.77	43.14 4.10 -9.55	55.87 4.58 -20.55	64.22 6.03 -20.46	66.29 6.66 -18.81	64.43 6.40 -18.01	61.97 5.38 -22.06	49.99 4.81 -13.35	43.64 4.29 -8.67	42.50 4.10 -8.87
EAST RIVER___6 23660	31.44 1.98 -2.02	28.91 1.92 0.00	28.07 1.91 0.00	28.07 1.88 -0.05	28.90 1.97 0.00	32.85 2.15 -3.09	45.60 2.65 -11.01	47.52 3.22 -9.28	44.81 3.38 -7.35	43.22 3.05 -9.36	43.13 3.08 -9.28	42.81 3.04 -9.07	42.80 3.04 -9.40	42.45 2.92 -10.36	42.52 2.86 -11.32	42.59 2.89 -10.20	46.84 3.07 -13.03	50.62 3.85 -9.05	54.68 4.04 -9.82	48.90 3.96 -4.91	43.06 3.39 -5.15	42.53 3.06 -7.64	38.23 2.85 -4.70	35.76 2.66 -3.57
EAST RIVER___7 23524	31.44 1.98 -2.02	28.91 1.92 0.00	28.07 1.91 0.00	28.07 1.88 -0.05	28.90 1.97 0.00	32.85 2.15 -3.09	45.60 2.65 -11.01	47.52 3.22 -9.28	44.81 3.38 -7.35	43.22 3.05 -9.36	43.13 3.08 -9.28	42.81 3.04 -9.07	42.80 3.04 -9.40	42.45 2.92 -10.36	42.52 2.86 -11.32	42.59 2.89 -10.20	46.84 3.07 -13.03	50.62 3.85 -9.05	54.68 4.04 -9.82	48.90 3.96 -4.91	43.06 3.39 -5.15	42.53 3.06 -7.64	38.23 2.85 -4.70	35.76 2.66 -3.57
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	31.35 1.89 -2.02	28.86 1.86 0.00	27.99 1.83 0.00	28.01 1.83 -0.05	28.82 1.89 0.00	32.74 2.04 -3.09	45.42 2.49 -10.99	47.20 2.91 -9.28	44.39 2.97 -7.33	35.48 2.71 -1.97	35.11 2.74 -1.61	33.88 2.70 -0.48	33.07 2.70 0.00	31.78 2.60 0.00	30.91 2.58 0.00	33.49 2.60 -1.40	37.18 2.70 -3.74	45.52 3.39 -4.41	47.09 3.67 -2.59	44.63 3.60 -1.01	42.73 3.07 -5.14	42.22 2.77 -7.62	36.71 2.61 -3.43	35.48 2.39 -3.56
EAST_HAMPTON___DIESEL 23722	38.72 3.54 -7.74	34.79 3.51 -4.28	31.69 3.35 -2.18	31.53 3.35 -2.05	31.33 3.42 -0.97	36.93 3.59 -5.74	49.57 4.47 -13.16	52.18 5.15 -12.01	50.58 5.04 -11.45	48.61 4.40 -13.40	44.46 4.34 -9.36	41.66 4.18 -6.78	37.49 4.10 -3.03	35.97 3.94 -2.85	36.96 3.85 -4.77	43.12 4.07 -9.55	55.83 4.55 -20.55	64.18 6.00 -20.46	66.24 6.61 -18.81	64.39 6.36 -18.01	61.93 5.35 -22.06	49.96 4.77 -13.35	43.61 4.26 -8.67	42.47 4.08 -8.87
EAST_PULASKI___ESR 323781	27.02 -0.60 -0.18	26.38 -0.62 0.00	25.53 -0.63 0.00	25.51 -0.63 0.00	26.34 -0.59 0.00	27.47 -0.41 -0.27	32.56 -0.35 -0.98	35.46 -0.39 -0.83	34.37 -0.37 -0.65	30.64 -0.34 -0.18	30.51 -0.40 -0.14	30.23 -0.52 -0.04	29.73 -0.64 0.00	28.60 -0.58 0.00	27.77 -0.57 0.00	29.01 -0.62 -0.12	30.64 -0.43 -0.33	37.74 -0.38 -0.39	40.65 -0.41 -0.23	39.71 -0.40 -0.09	34.57 -0.41 -0.46	32.10 -0.41 -0.68	30.52 -0.46 -0.31	29.40 -0.44 -0.32
EAST_RIVER___1 323558	31.52 2.06 -2.02	29.00 2.00 0.00	28.12 1.96 0.00	28.12 1.93 -0.05	28.96 2.02 0.00	32.91 2.21 -3.09	45.63 2.68 -11.01	47.52 3.22 -9.28	44.74 3.31 -7.35	43.15 2.99 -9.36	43.07 3.02 -9.28	42.75 2.98 -9.07	42.74 2.98 -9.40	42.43 2.89 -10.36	42.46 2.81 -11.32	42.56 2.86 -10.20	46.78 3.01 -13.03	50.55 3.77 -9.05	54.68 4.04 -9.82	48.90 3.96 -4.91	43.06 3.39 -5.15	42.53 3.06 -7.64	38.23 2.85 -4.70	35.79 2.69 -3.57
EAST_RIVER___2 323559	31.44 1.98 -2.02	28.91 1.92 0.00	28.07 1.91 0.00	28.07 1.88 -0.05	28.90 1.97 0.00	32.85 2.15 -3.09	45.60 2.65 -11.01	47.52 3.22 -9.28	44.81 3.38 -7.35	43.22 3.05 -9.36	43.13 3.08 -9.28	42.81 3.04 -9.07	42.80 3.04 -9.40	42.45 2.92 -10.36	42.52 2.86 -11.32	42.59 2.89 -10.20	46.84 3.07 -13.03	50.62 3.85 -9.05	54.68 4.04 -9.82	48.90 3.96 -4.91	43.06 3.39 -5.15	42.53 3.06 -7.64	38.23 2.85 -4.70	35.76 2.66 -3.57
EAST___DELAWARE_HYD 23607	30.48 1.24 -1.80	28.21 1.22 0.00	27.31 1.15 0.00	27.33 1.15 -0.04	28.18 1.24 0.00	31.76 1.41 -2.75	43.59 1.85 -9.80	45.45 2.17 -8.26	42.70 2.08 -6.53	34.28 1.72 -1.75	33.89 1.69 -1.43	32.73 1.60 -0.42	31.09 0.73 0.00	29.82 0.64 0.00	29.01 0.68 0.00	31.48 0.74 -1.24	34.99 0.92 -3.33	42.93 1.28 -3.93	44.68 1.55 -2.31	42.32 1.40 -0.90	41.20 2.11 -4.57	40.52 1.91 -6.78	35.51 1.78 -3.05	34.27 1.56 -3.18
EIGHT_POINT___WT_PWR 323820	27.94 0.03 -0.47	27.40 0.41 0.00	26.18 0.03 0.00	26.25 0.10 -0.01	27.47 0.54 0.00	28.91 0.58 -0.72	35.41 0.89 -2.58	38.24 1.05 -2.17	36.69 0.88 -1.72	32.06 0.80 -0.46	31.82 0.68 -0.38	31.31 0.49 -0.11	31.09 0.73 0.00	29.88 0.70 0.00	28.96 0.62 0.00	30.09 0.26 -0.33	32.45 0.83 -0.88	40.23 1.47 -1.04	43.19 1.75 -0.61	41.90 1.64 -0.24	37.04 1.31 -1.20	34.86 1.24 -1.79	32.43 0.95 -0.80	31.49 1.12 -0.84
ELBRIDGE_115KV_TB2 80188	27.23 -0.47 -0.25	26.51 -0.49 0.00	25.69 -0.47 0.00	25.67 -0.47 -0.01	26.48 -0.46 0.00	27.69 -0.30 -0.39	33.09 -0.22 -1.38	35.90 -0.28 -1.17	34.70 -0.31 -0.92	30.77 -0.28 -0.25	30.63 -0.34 -0.20	30.37 -0.40 -0.06	29.85 -0.52 0.00	28.68 -0.50 0.00	27.85 -0.48 0.00	29.14 -0.53 -0.18	30.90 -0.31 -0.47	38.01 -0.26 -0.55	40.86 -0.29 -0.33	39.79 -0.36 -0.13	34.82 -0.35 -0.65	32.47 -0.32 -0.96	30.71 -0.40 -0.43	29.65 -0.32 -0.45
ELEC_TRO_TEK 24086	37.51 2.33 -7.74	33.58 2.29 -4.28	30.61 2.28 -2.18	30.43 2.25 -2.05	30.25 2.34 -0.97	35.86 2.51 -5.74	48.09 3.00 -13.16	50.54 3.50 -12.03	49.09 3.55 -11.46	47.43 3.23 -13.40	43.38 3.26 -9.35	40.70 3.22 -6.77	36.60 3.22 -3.02	35.12 3.09 -2.85	36.13 3.03 -4.76	42.11 3.07 -9.54	54.54 3.26 -20.54	62.21 4.04 -20.46	63.99 4.37 -18.80	62.31 4.28 -18.00	60.25 3.66 -22.06	48.50 3.31 -13.36	42.44 3.10 -8.67	41.28 2.89 -8.86
ELLENBURG_WT_PWR 323604	27.08 -0.36 0.00	26.54 -0.46 0.00	25.66 -0.50 0.00	25.51 -0.63 0.00	26.21 -0.73 0.00	26.59 -1.02 0.00	30.56 -1.37 0.00	33.44 -1.58 0.00	32.35 -1.74 0.00	29.17 -1.63 0.00	29.08 -1.69 0.00	29.05 -1.66 0.00	28.82 -1.55 0.00	27.60 -1.58 0.00	26.80 -1.53 0.00	28.06 -1.44 0.00	29.02 -1.72 0.00	35.65 -2.07 0.00	38.78 -2.04 0.00	38.14 -1.88 0.00	33.04 -1.48 0.00	30.43 -1.40 0.00	29.51 -1.17 0.00	28.44 -1.09 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	25.71 -2.06 -0.33	25.35 -1.65 0.00	24.56 -1.60 0.00	24.44 -1.70 -0.01	25.13 -1.80 0.00	26.53 -1.57 -0.50	31.79 -1.92 -1.77	34.06 -2.45 -1.50	32.82 -2.45 -1.18	29.09 -2.03 -0.32	29.06 -1.97 -0.26	28.79 -2.00 -0.08	28.42 -1.94 0.00	27.46 -1.72 0.00	26.58 -1.76 0.00	27.57 -2.15 -0.23	29.28 -2.06 -0.60	35.83 -2.60 -0.71	37.97 -3.27 -0.42	36.94 -3.24 -0.16	32.69 -2.66 -0.83	30.70 -2.36 -1.23	29.02 -2.21 -0.55	28.57 -1.54 -0.58
EMPIRE_CC_1 323656	31.26 1.45 -2.37	28.48 1.48 0.00	27.57 1.41 0.00	27.60 1.41 -0.06	28.42 1.48 0.00	32.74 1.52 -3.61	46.54 1.72 -12.88	47.70 1.85 -10.83	44.49 1.84 -8.56	34.83 1.72 -2.30	34.40 1.75 -1.88	33.01 1.75 -0.56	32.00 1.64 0.00	30.78 1.60 0.00	29.92 1.59 0.00	32.72 1.59 -1.63	36.77 1.66 -4.37	44.91 2.04 -5.15	46.05 2.20 -3.02	43.32 2.12 -1.18	42.35 1.83 -5.99	42.41 1.69 -8.89	36.30 1.62 -4.00	35.37 1.65 -4.19
EMPIRE_CC_2 323658	31.26 1.45 -2.37	28.48 1.48 0.00	27.57 1.41 0.00	27.60 1.41 -0.06	28.42 1.48 0.00	32.74 1.52 -3.61	46.54 1.72 -12.88	47.70 1.85 -10.83	44.49 1.84 -8.56	34.83 1.72 -2.30	34.40 1.75 -1.88	33.01 1.75 -0.56	32.00 1.64 0.00	30.78 1.60 0.00	29.92 1.59 0.00	32.72 1.59 -1.63	36.77 1.66 -4.37	44.91 2.04 -5.15	46.05 2.20 -3.02	43.32 2.12 -1.18	42.35 1.83 -5.99	42.41 1.69 -8.89	36.30 1.62 -4.00	35.37 1.65 -4.19
ENORWICH_115KV_TB1 80156	30.48 2.39 -0.65	29.35 2.35 0.00	28.38 2.22 0.00	28.40 2.25 -0.02	29.36 2.42 0.00	31.31 2.71 -1.00	39.13 3.64 -3.55	42.15 4.13 -3.00	40.35 3.89 -2.37	34.67 3.23 -0.64	34.37 3.08 -0.52	33.68 2.82 -0.15	33.01 2.64 0.00	31.81 2.63 0.00	30.86 2.52 0.00	32.46 2.51 -0.45	35.27 3.32 -1.21	43.79 4.64 -1.43	46.93 5.27 -0.84	45.47 5.12 -0.33	40.40 4.21 -1.66	38.15 3.85 -2.46	35.19 3.40 -1.11	33.90 3.22 -1.15
ERIE_ST__34_KV_TB1-2 80199	25.34 -2.44 -0.34	26.13 -0.86 0.00	25.32 -0.84 0.00	25.20 -0.94 -0.01	25.97 -0.97 0.00	26.17 -1.96 -0.53	31.54 -2.27 -1.87	33.94 -2.66 -1.58	32.68 -2.66 -1.25	28.89 -2.25 -0.34	28.83 -2.22 -0.27	28.54 -2.24 -0.08	29.48 -0.88 0.00	28.48 -0.70 0.00	27.57 -0.77 0.00	27.32 -2.42 -0.24	29.10 -2.27 -0.64	35.79 -2.68 -0.75	38.00 -3.27 -0.44	36.87 -3.32 -0.17	32.60 -2.80 -0.88	30.62 -2.51 -1.30	28.81 -2.45 -0.58	28.31 -1.83 -0.61
ERIE_WT_PWR 323693	25.74 -2.03 -0.33	25.54 -1.46 0.00	24.22 -1.94 0.00	24.24 -1.91 -0.01	25.24 -1.70 0.00	26.57 -1.55 -0.51	31.92 -1.82 -1.81	34.16 -2.38 -1.52	32.91 -2.39 -1.20	29.19 -1.94 -0.32	29.15 -1.93 -0.26	28.85 -1.93 -0.08	28.64 -1.73 0.00	27.69 -1.49 0.00	26.78 -1.56 0.00	27.64 -2.09 -0.23	29.39 -1.97 -0.62	35.99 -2.45 -0.73	38.19 -3.06 -0.43	37.11 -3.08 -0.17	32.85 -2.52 -0.84	30.82 -2.26 -1.25	28.97 -2.27 -0.56	28.64 -1.48 -0.59
ESPRGFLD_115KV_TB1 80157	29.24 1.76 -0.04	28.81 1.81 0.00	27.91 1.75 0.00	27.89 1.75 0.00	28.79 1.86 0.00	29.74 2.07 -0.06	34.82 2.65 -0.23	38.15 2.94 -0.19	37.11 2.86 -0.15	33.31 2.46 -0.04	33.14 2.34 -0.04	32.93 2.21 -0.01	32.49 2.13 0.00	31.25 2.07 0.00	30.38 2.04 0.00	31.63 2.09 -0.03	33.34 2.52 -0.08	41.14 3.32 -0.10	44.55 3.67 -0.06	43.57 3.52 -0.02	37.63 3.00 -0.11	34.82 2.83 -0.16	33.26 2.52 -0.07	31.94 2.33 -0.07
ETNA_115_KV_TB1_REV_LBMP_C 345029	28.39 0.47 -0.48	27.51 0.51 0.00	26.66 0.50 0.00	26.64 0.50 -0.01	27.47 0.54 0.00	29.07 0.72 -0.74	35.60 1.02 -2.64	38.40 1.16 -2.23	36.87 1.02 -1.76	32.17 0.89 -0.47	31.95 0.80 -0.39	31.46 0.64 -0.11	30.97 0.61 0.00	29.76 0.58 0.00	28.87 0.54 0.00	30.31 0.47 -0.34	32.50 0.86 -0.90	40.06 1.28 -1.06	42.92 1.47 -0.62	41.63 1.36 -0.24	36.86 1.10 -1.23	34.65 0.99 -1.83	32.33 0.83 -0.82	31.18 0.80 -0.86
ETNA____115KV_TB2 80207	28.39 0.47 -0.48	27.51 0.51 0.00	26.66 0.50 0.00	26.64 0.50 -0.01	27.47 0.54 0.00	29.07 0.72 -0.74	35.60 1.02 -2.64	38.40 1.16 -2.23	36.87 1.02 -1.76	32.17 0.89 -0.47	31.95 0.80 -0.39	31.46 0.64 -0.11	30.97 0.61 0.00	29.76 0.58 0.00	28.87 0.54 0.00	30.31 0.47 -0.34	32.50 0.86 -0.90	40.06 1.28 -1.06	42.92 1.47 -0.62	41.63 1.36 -0.24	36.86 1.10 -1.23	34.65 0.99 -1.83	32.33 0.83 -0.82	31.18 0.80 -0.86
EUCLID__115KV_TB2 356179	26.96 -0.69 -0.21	26.30 -0.70 0.00	25.48 -0.68 0.00	25.46 -0.68 -0.01	26.23 -0.70 0.00	27.40 -0.52 -0.32	32.53 -0.54 -1.14	35.35 -0.63 -0.96	34.20 -0.65 -0.76	30.42 -0.59 -0.20	30.32 -0.62 -0.17	30.08 -0.68 -0.05	29.58 -0.79 0.00	28.42 -0.76 0.00	27.60 -0.74 0.00	28.88 -0.77 -0.15	30.51 -0.61 -0.39	37.50 -0.68 -0.46	40.36 -0.73 -0.27	39.37 -0.76 -0.10	34.33 -0.72 -0.53	31.95 -0.67 -0.79	30.36 -0.67 -0.36	29.28 -0.62 -0.37
E_CANADA_CAP_HY 24051	32.49 2.14 -2.91	29.18 2.19 0.00	28.20 2.04 0.00	28.27 2.06 -0.07	29.14 2.21 0.00	34.45 2.40 -4.44	50.69 2.91 -15.85	51.51 3.12 -13.38	47.62 2.96 -10.57	36.20 2.56 -2.84	35.46 2.37 -2.33	33.67 2.27 -0.69	32.55 2.19 0.00	31.34 2.16 0.00	30.46 2.13 0.00	33.76 2.24 -2.02	38.85 2.71 -5.41	47.64 3.54 -6.38	48.49 3.92 -3.74	45.12 3.64 -1.45	45.14 3.21 -7.40	45.94 3.12 -10.99	38.47 2.85 -4.94	37.35 2.66 -5.16
E_CANADA_MHWK_HY 24050	27.58 0.14 0.00	27.05 0.05 0.00	26.16 0.00 0.00	26.08 -0.05 0.00	26.88 -0.05 0.00	27.64 0.03 0.00	31.94 0.00 0.00	35.02 0.00 0.00	34.12 0.03 0.00	30.80 0.00 0.00	30.80 0.03 0.00	30.67 -0.03 0.00	30.27 -0.09 0.00	29.06 -0.12 0.00	28.22 -0.11 0.00	29.35 -0.15 0.00	30.65 -0.09 0.00	37.68 -0.04 0.00	40.86 0.04 0.00	40.10 0.08 0.00	34.59 0.07 0.00	31.99 0.16 0.00	30.83 0.15 0.00	29.65 0.12 0.00
E_FISHKILL__LBMP 23776	31.25 1.76 -2.05	28.73 1.73 0.00	27.86 1.70 0.00	27.86 1.67 -0.05	28.66 1.72 0.00	32.62 1.88 -3.14	45.39 2.27 -11.19	47.09 2.63 -9.45	44.21 2.66 -7.46	35.21 2.40 -2.01	34.84 2.43 -1.64	33.58 2.39 -0.48	32.76 2.40 0.00	31.49 2.31 0.00	30.60 2.27 0.00	33.22 2.30 -1.42	36.97 2.43 -3.81	45.22 3.02 -4.49	46.72 3.27 -2.63	44.25 3.20 -1.03	42.48 2.73 -5.23	42.07 2.48 -7.76	36.50 2.33 -3.49	35.34 2.19 -3.63
FALCON__SEABRD_CC1 323796	27.41 -0.03 0.00	26.89 -0.11 0.00	25.95 -0.21 0.00	25.82 -0.31 0.00	26.53 -0.40 0.00	26.92 -0.69 0.00	30.95 -0.99 0.00	33.83 -1.19 0.00	32.72 -1.36 0.00	29.51 -1.29 0.00	29.38 -1.38 0.00	29.39 -1.32 0.00	29.12 -1.25 0.00	27.93 -1.25 0.00	27.09 -1.25 0.00	28.38 -1.12 0.00	29.36 -1.38 0.00	36.10 -1.62 0.00	39.27 -1.55 0.00	38.58 -1.44 0.00	33.45 -1.07 0.00	30.81 -1.02 0.00	29.88 -0.80 0.00	28.82 -0.71 0.00
FALCON__SEABRD_CC2 323797	27.41 -0.03 0.00	26.89 -0.11 0.00	25.95 -0.21 0.00	25.82 -0.31 0.00	26.53 -0.40 0.00	26.92 -0.69 0.00	30.95 -0.99 0.00	33.83 -1.19 0.00	32.72 -1.36 0.00	29.51 -1.29 0.00	29.38 -1.38 0.00	29.39 -1.32 0.00	29.12 -1.25 0.00	27.93 -1.25 0.00	27.09 -1.25 0.00	28.38 -1.12 0.00	29.36 -1.38 0.00	36.10 -1.62 0.00	39.27 -1.55 0.00	38.58 -1.44 0.00	33.45 -1.07 0.00	30.81 -1.02 0.00	29.88 -0.80 0.00	28.82 -0.71 0.00

FAR ROCKAWAY___4 23548	37.84 2.66 -7.74	33.93 2.65 -4.28	30.93 2.59 -2.18	30.75 2.56 -2.05	30.55 2.64 -0.97	36.16 2.82 -5.74	48.41 3.32 -13.16	50.86 3.82 -12.03	49.40 3.85 -11.46	47.68 3.48 -13.40	43.75 3.63 -9.35	41.04 3.56 -6.77	36.94 3.55 -3.02	35.47 3.44 -2.84	36.47 3.37 -4.76	42.46 3.42 -9.54	54.54 3.26 -20.54	62.33 4.15 -20.46	64.11 4.49 -18.80	62.43 4.40 -18.00	60.31 3.73 -22.06	48.56 3.37 -13.36	42.84 3.50 -8.67	41.67 3.28 -8.86
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	31.55 2.09 -2.02	29.02 2.02 0.00	28.17 2.01 0.00	28.20 2.01 -0.05	29.01 2.07 0.00	32.94 2.24 -3.09	45.66 2.71 -11.01	47.54 3.22 -9.30	44.79 3.34 -7.36	43.24 3.05 -9.39	43.14 3.08 -9.30	42.83 3.04 -9.09	42.82 3.04 -9.42	42.48 2.92 -10.38	42.54 2.86 -11.35	42.61 2.89 -10.22	46.83 3.04 -13.05	50.59 3.81 -9.06	54.78 4.12 -9.84	48.95 4.00 -4.92	43.10 3.42 -5.16	42.60 3.12 -7.65	38.30 2.91 -4.71	35.82 2.72 -3.57
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	31.55 2.09 -2.02	29.02 2.02 0.00	28.17 2.01 0.00	28.20 2.01 -0.05	29.01 2.07 0.00	32.94 2.24 -3.09	45.66 2.71 -11.01	47.54 3.22 -9.30	44.76 3.31 -7.36	43.20 3.02 -9.39	43.11 3.05 -9.30	42.80 3.01 -9.09	42.79 3.01 -9.42	42.48 2.92 -10.38	42.54 2.86 -11.35	42.61 2.89 -10.22	46.83 3.04 -13.05	50.59 3.81 -9.06	54.74 4.08 -9.84	48.95 4.00 -4.92	43.10 3.42 -5.16	42.60 3.12 -7.65	38.30 2.91 -4.71	35.82 2.72 -3.57
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	31.52 2.06 -2.02	29.00 2.00 0.00	28.15 1.99 0.00	28.17 1.99 -0.05	28.98 2.05 0.00	32.91 2.21 -3.09	45.63 2.68 -11.01	47.50 3.19 -9.30	44.73 3.27 -7.36	43.17 2.99 -9.39	43.08 3.02 -9.30	42.77 2.98 -9.09	42.76 2.98 -9.42	42.45 2.89 -10.38	42.52 2.83 -11.35	42.58 2.86 -10.22	46.80 3.01 -13.05	50.52 3.73 -9.06	54.70 4.04 -9.84	48.91 3.96 -4.92	43.07 3.38 -5.16	42.57 3.09 -7.65	38.27 2.88 -4.71	35.79 2.69 -3.57
FARRAGUT___LBMP 323566	31.50 2.03 -2.02	29.00 2.00 0.00	28.15 1.99 0.00	28.14 1.96 -0.05	28.96 2.02 0.00	32.91 2.21 -3.09	45.60 2.65 -11.01	47.47 3.15 -9.30	44.69 3.24 -7.36	43.17 2.99 -9.39	43.08 3.02 -9.30	42.74 2.95 -9.09	42.73 2.95 -9.42	42.42 2.86 -10.38	42.49 2.81 -11.35	42.55 2.83 -10.22	46.77 2.98 -13.05	50.52 3.73 -9.06	54.66 4.00 -9.84	48.87 3.92 -4.92	43.04 3.35 -5.16	42.54 3.06 -7.65	38.24 2.85 -4.71	35.76 2.66 -3.57
FENNER___WINDPWR 24204	28.28 0.58 -0.27	27.59 0.59 0.00	26.68 0.52 0.00	26.69 0.55 -0.01	27.56 0.62 0.00	28.82 0.80 -0.41	34.51 1.12 -1.46	37.47 1.22 -1.23	36.25 1.19 -0.97	32.11 1.05 -0.26	31.97 0.98 -0.21	31.63 0.86 -0.06	31.15 0.79 0.00	29.94 0.76 0.00	29.07 0.74 0.00	30.39 0.71 -0.19	32.22 0.98 -0.50	39.62 1.32 -0.59	42.63 1.47 -0.34	41.56 1.40 -0.13	36.34 1.14 -0.68	33.86 1.02 -1.01	31.99 0.86 -0.45	30.80 0.80 -0.47
FIBERTEK___ENERGY 23856	27.35 -0.33 -0.24	26.65 -0.35 0.00	25.82 -0.34 0.00	25.77 -0.37 -0.01	26.59 -0.35 0.00	27.81 -0.17 -0.37	33.16 -0.10 -1.32	36.02 -0.11 -1.11	34.80 -0.17 -0.88	30.88 -0.15 -0.24	30.75 -0.22 -0.19	30.49 -0.28 -0.06	29.97 -0.39 0.00	28.80 -0.38 0.00	27.94 -0.40 0.00	29.25 -0.41 -0.17	30.97 -0.42 -0.45	38.14 -0.11 -0.53	41.01 -0.12 -0.31	39.98 -0.16 -0.12	34.93 -0.21 -0.62	32.55 -0.19 -0.91	30.84 -0.25 -0.41	29.75 -0.21 -0.43
FITZPATRICK___ 23598	26.55 -1.04 -0.15	25.94 -1.05 0.00	25.14 -1.02 0.00	25.12 -1.02 0.00	25.86 -1.08 0.00	26.91 -0.94 -0.24	31.76 -1.02 -0.84	34.57 -1.15 -0.71	33.49 -1.16 -0.56	29.90 -1.05 -0.15	29.85 -1.05 -0.12	29.64 -1.10 -0.04	29.18 -1.18 0.00	28.04 -1.14 0.00	27.23 -1.11 0.00	28.46 -1.15 -0.11	29.98 -1.05 -0.29	36.82 -1.24 -0.34	39.68 -1.35 -0.20	38.74 -1.36 -0.08	33.71 -1.21 -0.39	31.30 -1.11 -0.58	29.80 -1.13 -0.26	28.77 -1.03 -0.27
FLOWRFLD_69_KV_BK1 356044	38.11 2.94 -7.74	34.14 2.86 -4.28	31.16 2.83 -2.18	30.98 2.80 -2.05	30.79 2.88 -0.97	36.44 3.09 -5.74	48.96 3.86 -13.16	51.49 4.45 -12.03	49.98 4.43 -11.46	48.18 3.97 -13.40	44.06 3.94 -9.36	41.35 3.87 -6.78	37.22 3.83 -3.03	35.71 3.68 -2.85	36.70 3.60 -4.77	42.73 3.69 -9.54	55.31 4.03 -20.55	63.35 5.17 -20.46	65.22 5.59 -18.81	63.43 5.40 -18.01	61.22 4.63 -22.07	49.34 4.14 -13.37	43.12 3.77 -8.67	41.94 3.54 -8.87
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	31.46 2.00 -2.01	29.00 2.00 0.00	28.12 1.96 0.00	28.12 1.93 -0.05	28.93 1.99 0.00	32.84 2.15 -3.08	45.52 2.62 -10.97	47.25 2.98 -9.26	44.37 2.97 -7.32	35.39 2.62 -1.97	34.99 2.62 -1.60	33.73 2.55 -0.48	32.92 2.55 0.00	31.63 2.45 0.00	30.77 2.44 0.00	33.37 2.48 -1.39	37.08 2.61 -3.73	45.44 3.32 -4.40	47.04 3.63 -2.58	44.51 3.48 -1.01	42.65 3.00 -5.13	42.14 2.71 -7.61	36.67 2.58 -3.42	35.48 2.39 -3.56
FORT ORANGE___ 23900	31.44 1.56 -2.44	28.62 1.62 0.00	27.65 1.49 0.00	27.71 1.52 -0.06	28.55 1.62 0.00	32.93 1.60 -3.72	46.58 1.37 -13.27	47.38 1.22 -11.14	44.05 1.16 -8.80	34.34 1.17 -2.37	33.87 1.17 -1.93	32.47 1.20 -0.57	31.46 1.09 0.00	30.29 1.11 0.00	29.47 1.13 0.00	32.30 1.12 -1.68	36.39 1.17 -4.49	44.33 1.32 -5.29	45.40 1.47 -3.11	42.63 1.40 -1.21	41.86 1.17 -6.16	42.09 1.11 -9.15	35.99 1.20 -4.12	35.10 1.27 -4.30
FORT_DRUM_COGEN 23780	27.29 -0.27 -0.12	26.65 -0.35 0.00	25.82 -0.34 0.00	25.80 -0.34 0.00	26.72 -0.22 0.00	27.77 -0.03 -0.19	32.92 0.32 -0.67	36.03 0.46 -0.56	34.98 0.44 -0.45	31.23 0.31 -0.12	31.08 0.22 -0.10	30.73 0.00 -0.03	30.24 -0.12 0.00	29.09 -0.09 0.00	28.28 -0.06 0.00	29.47 -0.12 -0.08	31.18 0.22 -0.23	38.55 0.57 -0.27	41.72 0.73 -0.16	40.93 0.84 -0.06	35.42 0.59 -0.31	32.71 0.41 -0.46	31.07 0.18 -0.21	29.80 0.06 -0.22
FOX_HILLS___ESR 323835	31.66 2.20 -2.02	29.10 2.11 0.00	28.25 2.09 0.00	28.28 2.09 -0.05	29.09 2.15 0.00	32.99 2.29 -3.09	45.73 2.78 -11.01	47.61 3.29 -9.30	47.42 3.37 -9.96	43.31 3.05 -9.46	47.41 3.11 -13.54	47.38 3.04 -13.63	47.38 3.04 -13.98	42.58 2.92 -10.48	42.68 2.89 -11.46	47.38 2.92 -14.96	52.19 3.07 -18.38	57.94 3.89 -16.33	141.03 4.20 -96.00	82.55 4.12 -38.40	52.22 3.52 -14.17	42.72 3.21 -7.67	38.46 3.04 -4.74	35.93 2.83 -3.57
FPL_FAR_ROCK_GT1 24212	37.84 2.66 -7.74	33.93 2.65 -4.28	30.87 2.54 -2.18	30.72 2.53 -2.05	30.55 2.64 -0.97	36.16 2.82 -5.74	48.54 3.45 -13.16	51.01 3.99 -12.01	49.55 4.02 -11.44	47.80 3.60 -13.39	43.75 3.63 -9.35	41.04 3.56 -6.77	36.93 3.55 -3.02	35.47 3.44 -2.84	36.44 3.34 -4.76	42.46 3.42 -9.54	54.53 3.26 -20.54	62.33 4.15 -20.46	64.11 4.49 -18.80	62.43 4.40 -18.00	60.31 3.73 -22.05	48.55 3.37 -13.34	42.83 3.50 -8.66	41.67 3.28 -8.86
FPL_FAR_ROCK_GT2 23815	37.84 2.66 -7.74	33.93 2.65 -4.28	30.87 2.54 -2.18	30.72 2.53 -2.05	30.55 2.64 -0.97	36.16 2.82 -5.74	48.54 3.45 -13.16	51.01 3.99 -12.01	49.55 4.02 -11.44	47.80 3.60 -13.39	43.75 3.63 -9.35	41.04 3.56 -6.77	36.93 3.55 -3.02	35.47 3.44 -2.84	36.44 3.34 -4.76	42.46 3.42 -9.54	54.53 3.26 -20.54	62.33 4.15 -20.46	64.11 4.49 -18.80	62.43 4.40 -18.00	60.31 3.73 -22.05	48.55 3.37 -13.34	42.83 3.50 -8.66	41.67 3.28 -8.86

FRANKLIN_FALL_HYD 24054	27.25 -0.19 0.00	26.70 -0.30 0.00	25.77 -0.39 0.00	25.72 -0.42 0.00	26.42 -0.51 0.00	26.83 -0.77 0.00	30.82 -1.12 0.00	33.79 -1.23 0.00	32.73 -1.36 0.00	29.54 -1.26 0.00	29.48 -1.29 0.00	29.51 -1.20 0.00	29.27 -1.09 0.00	28.07 -1.11 0.00	27.26 -1.08 0.00	28.50 -1.00 0.00	29.45 -1.29 0.00	36.21 -1.51 0.00	39.35 -1.47 0.00	38.70 -1.32 0.00	33.56 -0.97 0.00	30.84 -0.99 0.00	29.88 -0.80 0.00	28.82 -0.71 0.00
FREEPORT_EQUS_GT1 23764	37.70 2.52 -7.74	33.76 2.48 -4.28	30.72 2.38 -2.18	30.56 2.38 -2.05	30.41 2.51 -0.97	36.02 2.68 -5.74	48.32 3.22 -13.16	50.77 3.75 -12.01	49.32 3.78 -11.44	47.62 3.42 -13.40	43.57 3.45 -9.35	40.86 3.38 -6.78	36.76 3.37 -3.02	35.30 3.27 -2.85	36.30 3.20 -4.77	42.32 3.27 -9.54	54.75 3.47 -20.54	62.29 4.11 -20.46	64.08 4.45 -18.80	62.39 4.36 -18.00	60.28 3.70 -22.06	48.77 3.60 -13.35	42.65 3.31 -8.66	41.49 3.10 -8.87
FREEPORT___CT2 23818	37.70 2.52 -7.74	33.76 2.48 -4.28	30.72 2.38 -2.18	30.56 2.38 -2.05	30.41 2.51 -0.97	36.02 2.68 -5.74	48.32 3.22 -13.16	50.77 3.75 -12.01	49.32 3.78 -11.44	47.62 3.42 -13.40	43.57 3.45 -9.35	40.86 3.38 -6.78	36.76 3.37 -3.02	35.30 3.27 -2.85	36.30 3.20 -4.77	42.32 3.27 -9.54	54.75 3.47 -20.54	62.29 4.11 -20.46	64.08 4.45 -18.80	62.39 4.36 -18.00	60.28 3.70 -22.06	48.77 3.60 -13.35	42.65 3.31 -8.66	41.49 3.10 -8.87
FRESHKLS_33_KV_LOAD 356253	31.60 2.14 -2.02	29.08 2.08 0.00	28.20 2.04 0.00	28.22 2.04 -0.05	29.04 2.10 0.00	32.94 2.24 -3.09	45.66 2.71 -11.01	47.50 3.19 -9.30	47.32 3.27 -9.96	43.22 2.96 -9.46	44.81 2.98 -11.06	44.63 2.95 -10.98	44.60 2.92 -11.32	42.46 2.80 -10.48	42.57 2.78 -11.46	47.29 2.83 -14.96	50.09 2.98 -16.37	57.82 3.77 -16.33	140.95 4.12 -96.00	82.47 4.04 -38.40	52.15 3.45 -14.17	42.62 3.12 -7.67	38.39 2.98 -4.74	35.88 2.78 -3.57
FULTON COGEN____ 23766	26.90 -0.74 -0.20	26.24 -0.76 0.00	25.43 -0.73 0.00	25.38 -0.76 0.00	26.21 -0.73 0.00	27.33 -0.58 -0.30	32.43 -0.57 -1.07	35.26 -0.67 -0.91	34.12 -0.68 -0.72	30.38 -0.62 -0.19	30.28 -0.65 -0.16	30.01 -0.74 -0.05	29.51 -0.85 0.00	28.36 -0.82 0.00	27.54 -0.79 0.00	28.81 -0.83 -0.14	30.46 -0.65 -0.37	37.47 -0.68 -0.43	40.34 -0.73 -0.25	39.36 -0.76 -0.10	34.30 -0.72 -0.50	31.91 -0.67 -0.74	30.30 -0.71 -0.34	29.23 -0.65 -0.35
FULTON___LFGE 323630	33.51 3.29 -2.78	30.32 3.32 0.00	29.27 3.11 0.00	29.34 3.13 -0.07	30.27 3.34 0.00	35.41 3.56 -4.24	51.44 4.38 -15.13	52.30 4.52 -12.77	48.37 4.19 -10.09	37.12 3.60 -2.71	36.25 3.26 -2.22	34.50 3.13 -0.66	33.40 3.04 0.00	32.13 2.95 0.00	31.28 2.95 0.00	34.67 3.25 -1.93	39.99 4.09 -5.16	49.09 5.28 -6.09	50.32 5.92 -3.58	46.81 5.40 -1.39	46.46 4.87 -7.07	46.77 4.46 -10.49	39.47 4.08 -4.72	38.35 3.90 -4.93
G.F.CEMENT___DRP 24184	31.78 1.81 -2.53	28.78 1.78 0.00	27.88 1.73 0.00	27.95 1.75 -0.06	28.71 1.78 0.00	32.76 1.30 -3.86	47.32 1.63 -13.76	48.52 1.89 -11.61	45.11 1.84 -9.18	34.84 1.57 -2.47	34.21 1.45 -2.00	32.68 1.38 -0.59	31.61 1.24 0.00	30.46 1.28 0.00	29.61 1.28 0.00	32.59 1.36 -1.73	37.17 1.78 -4.65	45.46 2.26 -5.48	46.65 2.61 -3.22	43.65 2.36 -1.26	43.09 2.14 -6.43	43.22 1.85 -9.54	36.69 1.72 -4.29	35.59 1.62 -4.44
GARDENVILLE___LBMP 24039	25.71 -2.06 -0.33	25.43 -1.57 0.00	24.62 -1.54 0.00	24.52 -1.62 -0.01	25.24 -1.70 0.00	26.54 -1.57 -0.50	31.84 -1.88 -1.79	34.11 -2.42 -1.51	32.86 -2.42 -1.19	29.12 -2.00 -0.32	29.09 -1.94 -0.26	28.79 -2.00 -0.08	28.54 -1.82 0.00	27.58 -1.60 0.00	26.69 -1.64 0.00	27.57 -2.15 -0.23	29.32 -2.03 -0.61	35.91 -2.53 -0.72	38.06 -3.18 -0.42	37.03 -3.16 -0.16	32.77 -2.59 -0.84	30.78 -2.29 -1.24	29.06 -2.18 -0.56	28.60 -1.51 -0.58
GARDNVLA_35_KV_LD 355827	25.77 -2.00 -0.33	25.54 -1.46 0.00	24.72 -1.44 0.00	24.63 -1.52 -0.01	25.35 -1.59 0.00	26.60 -1.52 -0.51	31.96 -1.79 -1.81	34.24 -2.31 -1.53	32.98 -2.32 -1.21	29.22 -1.91 -0.33	29.19 -1.85 -0.27	28.88 -1.90 -0.08	28.69 -1.67 0.00	27.72 -1.46 0.00	26.83 -1.50 0.00	27.67 -2.07 -0.23	29.42 -1.94 -0.62	36.03 -2.41 -0.73	38.23 -3.02 -0.43	37.15 -3.04 -0.17	32.85 -2.52 -0.85	30.86 -2.23 -1.26	29.12 -2.12 -0.57	28.67 -1.45 -0.59
GELCKHM___115KV_LOAD 80723	27.11 -0.55 -0.22	26.43 -0.57 0.00	25.61 -0.55 0.00	25.57 -0.57 -0.01	26.37 -0.57 0.00	27.53 -0.41 -0.34	32.76 -0.38 -1.21	35.62 -0.42 -1.02	34.45 -0.44 -0.81	30.62 -0.40 -0.22	30.48 -0.46 -0.18	30.24 -0.52 -0.05	29.73 -0.64 0.00	28.57 -0.61 0.00	27.74 -0.60 0.00	29.03 -0.62 -0.15	30.69 -0.46 -0.41	37.75 -0.45 -0.49	40.62 -0.49 -0.28	39.57 -0.56 -0.11	34.57 -0.52 -0.56	32.19 -0.48 -0.84	30.53 -0.52 -0.38	29.45 -0.47 -0.39
GENERAL___MILLS 23808	25.74 -2.03 -0.33	25.49 -1.51 0.00	24.69 -1.46 0.00	24.57 -1.57 -0.01	25.29 -1.64 0.00	26.57 -1.55 -0.51	31.89 -1.85 -1.81	34.16 -2.38 -1.53	32.91 -2.39 -1.21	29.15 -1.97 -0.32	29.12 -1.91 -0.26	28.85 -1.93 -0.08	28.63 -1.73 0.00	27.66 -1.52 0.00	26.78 -1.56 0.00	27.61 -2.12 -0.23	29.39 -1.97 -0.62	35.96 -2.49 -0.73	38.15 -3.10 -0.43	37.07 -3.12 -0.17	32.81 -2.55 -0.84	30.82 -2.26 -1.25	29.09 -2.15 -0.56	28.64 -1.48 -0.59
GE_PLASTICS___DRP 24183	31.17 1.29 -2.44	28.32 1.32 0.00	27.44 1.28 0.00	27.48 1.28 -0.06	28.26 1.32 0.00	32.68 1.35 -3.72	46.61 1.41 -13.27	47.62 1.40 -11.20	44.31 1.36 -8.85	34.47 1.29 -2.38	34.03 1.32 -1.94	32.60 1.32 -0.57	31.61 1.24 0.00	30.41 1.23 0.00	29.55 1.22 0.00	32.39 1.21 -1.68	36.50 1.26 -4.50	44.53 1.51 -5.31	45.57 1.63 -3.12	42.84 1.60 -1.22	42.07 1.35 -6.20	42.27 1.24 -9.20	36.07 1.26 -4.14	35.13 1.30 -4.31
GILBOA___1 23756	30.45 1.07 -1.94	28.08 1.08 0.00	27.18 1.02 0.00	27.20 1.02 -0.05	28.01 1.08 0.00	31.73 1.16 -2.96	43.86 1.37 -10.55	45.45 1.54 -8.90	42.66 1.54 -7.03	34.11 1.42 -1.89	33.73 1.42 -1.55	32.55 1.38 -0.46	31.73 1.37 0.00	30.49 1.31 0.00	29.61 1.28 0.00	32.14 1.30 -1.34	35.68 1.35 -3.59	43.58 1.62 -4.24	44.99 1.67 -2.49	42.71 1.72 -0.97	40.90 1.45 -4.93	40.57 1.43 -7.31	35.31 1.35 -3.29	34.26 1.30 -3.43
GILBOA___2 23757	30.45 1.07 -1.94	28.08 1.08 0.00	27.18 1.02 0.00	27.20 1.02 -0.05	28.01 1.08 0.00	31.73 1.16 -2.96	43.86 1.37 -10.55	45.45 1.54 -8.90	42.66 1.54 -7.03	34.11 1.42 -1.89	33.73 1.42 -1.55	32.55 1.38 -0.46	31.73 1.37 0.00	30.49 1.31 0.00	29.61 1.28 0.00	32.14 1.30 -1.34	35.68 1.35 -3.59	43.58 1.62 -4.24	44.99 1.67 -2.49	42.71 1.72 -0.97	40.90 1.45 -4.93	40.57 1.43 -7.31	35.31 1.35 -3.29	34.26 1.30 -3.43
GILBOA___3 23758	30.45 1.07 -1.94	28.08 1.08 0.00	27.18 1.02 0.00	27.20 1.02 -0.05	28.01 1.08 0.00	31.73 1.16 -2.96	43.86 1.37 -10.55	45.45 1.54 -8.90	42.66 1.54 -7.03	34.11 1.42 -1.89	33.73 1.42 -1.55	32.55 1.38 -0.46	31.73 1.37 0.00	30.49 1.31 0.00	29.61 1.28 0.00	32.14 1.30 -1.34	35.68 1.35 -3.59	43.58 1.62 -4.24	44.99 1.67 -2.49	42.71 1.72 -0.97	40.90 1.45 -4.93	40.57 1.43 -7.31	35.31 1.35 -3.29	34.26 1.30 -3.43

GILBOA___4 23759	30.45 1.07 -1.94	28.08 1.08 0.00	27.18 1.02 0.00	27.20 1.02 -0.05	28.01 1.08 0.00	31.73 1.16 -2.96	43.86 1.37 -10.55	45.45 1.54 -8.90	42.66 1.54 -7.03	34.11 1.42 -1.89	33.73 1.42 -1.55	32.55 1.38 -0.46	31.73 1.37 0.00	30.49 1.31 0.00	29.61 1.28 0.00	32.14 1.30 -1.34	35.68 1.35 -3.59	43.58 1.62 -4.24	44.99 1.67 -2.49	42.71 1.72 -0.97	40.90 1.45 -4.93	40.57 1.43 -7.31	35.31 1.35 -3.29	34.26 1.30 -3.43
GILBOA____ 23599	30.45 1.07 -1.94	28.08 1.08 0.00	27.23 1.07 0.00	27.23 1.05 -0.05	28.04 1.10 0.00	31.73 1.16 -2.96	43.86 1.37 -10.55	45.46 1.54 -8.91	42.66 1.53 -7.04	34.11 1.42 -1.89	33.73 1.42 -1.55	32.54 1.38 -0.46	31.73 1.37 0.00	30.49 1.31 0.00	29.64 1.30 0.00	32.14 1.30 -1.34	35.68 1.35 -3.59	43.58 1.62 -4.24	44.98 1.67 -2.49	42.71 1.72 -0.97	40.90 1.45 -4.93	40.58 1.43 -7.32	35.32 1.35 -3.29	34.26 1.30 -3.43
GINNA____ 23603	25.60 -2.11 -0.27	24.76 -2.24 0.00	24.14 -2.01 0.00	24.13 -2.01 -0.01	24.65 -2.29 0.00	26.25 -1.77 -0.41	31.54 -1.85 -1.46	34.04 -2.20 -1.23	32.81 -2.25 -0.97	29.06 -2.00 -0.26	28.98 -2.00 -0.21	28.71 -2.06 -0.06	27.88 -2.49 0.00	26.82 -2.36 0.00	26.01 -2.32 0.00	27.47 -2.21 -0.19	29.27 -1.97 -0.50	35.89 -2.41 -0.59	38.55 -2.61 -0.34	37.35 -2.80 -0.13	32.75 -2.45 -0.68	30.65 -2.20 -1.01	28.86 -2.27 -0.46	28.14 -1.86 -0.47
GLEN PARK____ 23778	27.43 -0.14 -0.13	26.78 -0.22 0.00	25.95 -0.21 0.00	25.93 -0.21 0.00	26.83 -0.11 0.00	27.91 0.11 -0.19	33.17 0.54 -0.69	36.30 0.70 -0.58	35.23 0.68 -0.46	31.42 0.49 -0.12	31.24 0.37 -0.10	30.89 0.15 -0.03	30.36 0.00 0.00	29.24 0.06 0.00	28.42 0.09 0.00	29.65 0.06 -0.09	31.40 0.43 -0.24	38.90 0.90 -0.28	42.09 1.10 -0.16	41.25 1.16 -0.06	35.71 0.86 -0.32	32.98 0.67 -0.48	31.41 0.52 -0.22	29.99 0.24 -0.22
GLENDALE_27_KV_LOAD 356172	31.74 2.28 -2.02	29.21 2.21 0.00	28.36 2.20 0.00	28.35 2.17 -0.05	29.20 2.26 0.00	33.13 2.43 -3.09	45.89 2.94 -11.01	47.78 3.47 -9.30	47.59 3.55 -9.96	43.49 3.23 -9.46	47.57 3.26 -13.54	47.56 3.22 -13.63	47.56 3.22 -13.98	42.78 3.12 -10.48	42.85 3.06 -11.46	47.56 3.10 -14.96	55.18 3.26 -21.19	58.13 4.07 -16.33	61.94 4.41 -16.71	57.18 4.28 -12.88	52.35 3.66 -14.17	42.85 3.34 -7.67	38.55 3.13 -4.74	36.02 2.92 -3.57
GLENWOOD_IC_1_G5 23712	37.67 2.50 -7.74	33.74 2.46 -4.28	30.74 2.41 -2.18	30.56 2.38 -2.05	30.38 2.48 -0.97	35.99 2.65 -5.74	48.06 2.97 -13.16	50.47 3.43 -12.03	49.06 3.51 -11.46	47.65 3.45 -13.40	43.57 3.45 -9.35	40.89 3.41 -6.77	36.79 3.40 -3.02	35.29 3.27 -2.85	36.30 3.20 -4.76	42.32 3.27 -9.54	54.48 3.20 -20.54	62.21 4.04 -20.46	63.99 4.37 -18.80	62.27 4.24 -18.00	60.21 3.62 -22.07	48.47 3.28 -13.36	42.66 3.31 -8.67	41.46 3.07 -8.86
GLENWOOD_IC_2_G1 23688	37.59 2.42 -7.74	33.66 2.38 -4.28	30.64 2.30 -2.18	30.49 2.30 -2.05	30.30 2.40 -0.97	35.91 2.57 -5.74	48.16 3.07 -13.16	50.60 3.57 -12.01	49.14 3.61 -11.44	47.52 3.33 -13.39	43.47 3.35 -9.35	40.79 3.32 -6.77	36.69 3.31 -3.02	35.21 3.18 -2.84	36.21 3.12 -4.76	42.23 3.19 -9.54	54.57 3.29 -20.54	62.29 4.11 -20.46	64.07 4.45 -18.80	62.35 4.32 -18.00	60.27 3.70 -22.05	48.55 3.37 -13.34	42.53 3.19 -8.66	41.37 2.98 -8.86
GLENWOOD_IC_3_G1 23689	37.59 2.42 -7.74	33.66 2.38 -4.28	30.64 2.30 -2.18	30.49 2.30 -2.05	30.30 2.40 -0.97	35.91 2.57 -5.74	48.16 3.07 -13.16	50.60 3.57 -12.01	49.14 3.61 -11.44	47.52 3.33 -13.39	43.47 3.35 -9.35	40.79 3.32 -6.77	36.69 3.31 -3.02	35.21 3.18 -2.84	36.21 3.12 -4.76	42.23 3.19 -9.54	54.57 3.29 -20.54	62.29 4.11 -20.46	64.07 4.45 -18.80	62.35 4.32 -18.00	60.27 3.70 -22.05	48.55 3.37 -13.34	42.53 3.19 -8.66	41.37 2.98 -8.86
GLENWOOD___4 23550	37.67 2.50 -7.74	33.74 2.46 -4.28	30.74 2.41 -2.18	30.56 2.38 -2.05	30.38 2.48 -0.97	35.99 2.65 -5.74	48.13 3.03 -13.16	50.58 3.54 -12.03	49.13 3.58 -11.46	47.65 3.45 -13.40	43.57 3.45 -9.35	40.89 3.41 -6.77	36.79 3.40 -3.02	35.29 3.27 -2.85	36.30 3.20 -4.76	42.32 3.27 -9.54	54.57 3.29 -20.54	62.29 4.11 -20.46	64.07 4.45 -18.80	62.39 4.36 -18.00	60.28 3.69 -22.07	48.57 3.37 -13.36	42.66 3.31 -8.67	41.46 3.07 -8.86
GLENWOOD___5 23614	37.67 2.50 -7.74	33.74 2.46 -4.28	30.74 2.41 -2.18	30.56 2.38 -2.05	30.38 2.48 -0.97	35.99 2.65 -5.74	48.13 3.03 -13.16	50.58 3.54 -12.03	49.13 3.58 -11.46	47.65 3.45 -13.40	43.57 3.45 -9.35	40.89 3.41 -6.77	36.79 3.40 -3.02	35.29 3.27 -2.85	36.30 3.20 -4.76	42.32 3.27 -9.54	54.57 3.29 -20.54	62.29 4.11 -20.46	64.07 4.45 -18.80	62.39 4.36 -18.00	60.28 3.69 -22.07	48.57 3.37 -13.36	42.66 3.31 -8.67	41.46 3.07 -8.86
GLOBAL GREEN_PORT_GT1 23814	38.77 3.59 -7.74	34.82 3.54 -4.28	31.74 3.40 -2.18	31.58 3.40 -2.05	31.41 3.50 -0.97	37.04 3.70 -5.74	49.70 4.60 -13.16	52.35 5.32 -12.01	50.75 5.22 -11.45	48.76 4.56 -13.40	44.62 4.49 -9.36	41.82 4.33 -6.78	37.64 4.25 -3.03	36.09 4.05 -2.85	37.10 4.00 -4.77	43.23 4.19 -9.55	55.99 4.70 -20.55	64.33 6.15 -20.46	66.41 6.78 -18.81	64.56 6.53 -18.01	62.07 5.49 -22.06	50.08 4.90 -13.35	43.76 4.42 -8.67	42.62 4.22 -8.87
GLOBE___DSASP 323697	25.31 -2.44 -0.31	24.65 -2.35 0.00	23.86 -2.30 0.00	23.74 -2.40 -0.01	24.40 -2.53 0.00	26.04 -2.04 -0.48	30.99 -2.65 -1.71	33.06 -3.40 -1.44	31.85 -3.37 -1.14	28.30 -2.80 -0.31	28.31 -2.71 -0.25	28.02 -2.76 -0.07	27.33 -3.04 0.00	26.44 -2.74 0.00	25.59 -2.75 0.00	26.86 -2.86 -0.22	28.46 -2.86 -0.58	34.67 -3.73 -0.69	36.69 -4.53 -0.40	35.74 -4.44 -0.16	31.66 -3.66 -0.80	29.77 -3.25 -1.18	28.17 -3.04 -0.53	27.78 -2.30 -0.55
GOETHSLN___LBMP 323567	31.39 1.92 -2.02	28.86 1.86 0.00	28.04 1.88 0.00	28.04 1.86 -0.05	28.85 1.91 0.00	32.80 2.10 -3.09	45.44 2.49 -11.01	47.29 2.98 -9.30	44.56 3.10 -7.36	43.02 2.83 -9.39	42.93 2.86 -9.30	42.62 2.82 -9.09	42.61 2.82 -9.42	42.30 2.74 -10.38	42.37 2.69 -11.35	42.43 2.71 -10.22	46.62 2.83 -13.05	50.33 3.55 -9.06	54.46 3.80 -9.84	48.67 3.72 -4.92	42.86 3.18 -5.16	42.41 2.93 -7.65	38.15 2.76 -4.71	35.64 2.54 -3.57
GOLAH___69_KV_TB 1_2 80279	26.70 -1.02 -0.28	25.89 -1.11 0.00	25.16 -0.99 0.00	25.07 -1.07 -0.01	25.83 -1.10 0.00	27.53 -0.50 -0.42	32.90 -0.54 -1.50	35.38 -0.91 -1.27	34.10 -0.99 -1.00	30.24 -0.83 -0.27	30.19 -0.80 -0.22	29.85 -0.92 -0.07	29.06 -1.31 0.00	27.98 -1.20 0.00	27.14 -1.19 0.00	28.60 -1.09 -0.19	30.45 -0.80 -0.51	37.31 -1.02 -0.60	40.03 -1.14 -0.35	38.84 -1.32 -0.14	34.16 -1.07 -0.70	31.95 -0.92 -1.04	30.19 -0.95 -0.47	29.51 -0.50 -0.49
GOODYEAR_LAKE_HYD 323669	29.54 1.45 -0.64	28.48 1.48 0.00	27.60 1.44 0.00	27.59 1.44 -0.02	28.47 1.54 0.00	30.27 1.68 -0.98	37.61 2.17 -3.51	40.46 2.49 -2.96	38.88 2.45 -2.34	33.56 2.13 -0.63	33.34 2.06 -0.51	32.82 1.97 -0.15	32.28 1.91 0.00	31.05 1.87 0.00	30.15 1.81 0.00	31.75 1.80 -0.45	34.05 2.12 -1.19	41.92 2.79 -1.41	44.67 3.02 -0.83	43.31 2.96 -0.32	38.65 2.49 -1.64	36.59 2.32 -2.43	33.82 2.06 -1.09	32.59 1.92 -1.14

GOUDEY_115_KV_TB6_REV_LBMP_C 345031	28.17 0.05 -0.68	27.27 0.27 0.00	26.42 0.26 0.00	26.39 0.24 -0.02	27.20 0.27 0.00	28.92 0.28 -1.03	36.07 0.45 -3.68	38.58 0.46 -3.11	36.96 0.41 -2.46	31.83 0.37 -0.66	31.65 0.34 -0.54	31.11 0.25 -0.16	30.73 0.36 0.00	29.56 0.38 0.00	28.68 0.34 0.00	30.09 0.12 -0.47	32.33 0.34 -1.25	39.76 0.57 -1.48	42.22 0.53 -0.87	40.88 0.52 -0.34	36.66 0.41 -1.72	34.77 0.38 -2.55	32.10 0.28 -1.15	31.11 0.38 -1.20
GOUDEY___7 23579	28.20 0.08 -0.68	27.27 0.27 0.00	26.42 0.26 0.00	26.41 0.26 -0.02	27.23 0.30 0.00	28.94 0.30 -1.03	36.10 0.48 -3.68	38.62 0.49 -3.11	36.99 0.44 -2.46	31.86 0.40 -0.66	31.68 0.37 -0.54	31.14 0.28 -0.16	30.76 0.39 0.00	29.59 0.41 0.00	28.70 0.37 0.00	30.12 0.15 -0.47	32.36 0.37 -1.25	39.80 0.60 -1.48	42.30 0.61 -0.87	40.92 0.56 -0.34	36.69 0.45 -1.72	34.80 0.41 -2.55	32.13 0.31 -1.15	31.14 0.41 -1.20
GOUDEY___8 23580	28.17 0.05 -0.68	27.27 0.27 0.00	26.42 0.26 0.00	26.39 0.24 -0.02	27.20 0.27 0.00	28.92 0.28 -1.03	36.07 0.45 -3.68	38.58 0.46 -3.11	36.96 0.41 -2.46	31.83 0.37 -0.66	31.65 0.34 -0.54	31.11 0.25 -0.16	30.73 0.36 0.00	29.56 0.38 0.00	28.68 0.34 0.00	30.09 0.12 -0.47	32.33 0.34 -1.25	39.76 0.57 -1.48	42.22 0.53 -0.87	40.88 0.52 -0.34	36.66 0.41 -1.72	34.77 0.38 -2.55	32.10 0.28 -1.15	31.11 0.38 -1.20
GOWANUS_GT1_1 24077	31.74 2.28 -2.02	29.18 2.19 0.00	28.33 2.17 0.00	28.35 2.17 -0.05	29.17 2.24 0.00	33.10 2.40 -3.09	45.86 2.91 -11.01	47.75 3.43 -9.30	47.59 3.55 -9.96	43.46 3.20 -9.46	47.53 3.23 -13.54	47.53 3.19 -13.63	47.53 3.19 -13.98	42.73 3.06 -10.48	42.82 3.03 -11.46	47.53 3.07 -14.96	55.15 3.23 -21.19	58.13 4.07 -16.33	141.24 4.41 -96.00	82.71 4.28 -38.40	52.39 3.69 -14.17	42.85 3.34 -7.67	38.55 3.13 -4.74	36.02 2.92 -3.57
GOWANUS_GT1_2 24078	31.74 2.28 -2.02	29.18 2.19 0.00	28.33 2.17 0.00	28.35 2.17 -0.05	29.17 2.24 0.00	33.10 2.40 -3.09	45.86 2.91 -11.01	47.75 3.43 -9.30	47.59 3.55 -9.96	43.46 3.20 -9.46	47.53 3.23 -13.54	47.53 3.19 -13.63	47.53 3.19 -13.98	42.73 3.06 -10.48	42.82 3.03 -11.46	47.53 3.07 -14.96	55.15 3.23 -21.19	58.13 4.07 -16.33	141.24 4.41 -96.00	82.71 4.28 -38.40	52.39 3.69 -14.17	42.85 3.34 -7.67	38.55 3.13 -4.74	36.02 2.92 -3.57
GOWANUS_GT1_3 24079	31.74 2.28 -2.02	29.18 2.19 0.00	28.33 2.17 0.00	28.35 2.17 -0.05	29.17 2.24 0.00	33.10 2.40 -3.09	45.86 2.91 -11.01	47.75 3.43 -9.30	47.59 3.55 -9.96	43.46 3.20 -9.46	47.53 3.23 -13.54	47.53 3.19 -13.63	47.53 3.19 -13.98	42.73 3.06 -10.48	42.82 3.03 -11.46	47.53 3.07 -14.96	55.15 3.23 -21.19	58.13 4.07 -16.33	141.24 4.41 -96.00	82.71 4.28 -38.40	52.39 3.69 -14.17	42.85 3.34 -7.67	38.55 3.13 -4.74	36.02 2.92 -3.57
GOWANUS_GT1_4 24080	31.74 2.28 -2.02	29.18 2.19 0.00	28.33 2.17 0.00	28.35 2.17 -0.05	29.17 2.24 0.00	33.10 2.40 -3.09	45.86 2.91 -11.01	47.75 3.43 -9.30	47.59 3.55 -9.96	43.46 3.20 -9.46	47.53 3.23 -13.54	47.53 3.19 -13.63	47.53 3.19 -13.98	42.73 3.06 -10.48	42.82 3.03 -11.46	47.53 3.07 -14.96	55.15 3.23 -21.19	58.13 4.07 -16.33	141.24 4.41 -96.00	82.71 4.28 -38.40	52.39 3.69 -14.17	42.85 3.34 -7.67	38.55 3.13 -4.74	36.02 2.92 -3.57
GOWANUS_GT1_5 24084	31.74 2.28 -2.02	29.18 2.19 0.00	28.33 2.17 0.00	28.35 2.17 -0.05	29.17 2.24 0.00	33.10 2.40 -3.09	45.86 2.91 -11.01	47.75 3.43 -9.30	47.59 3.55 -9.96	43.46 3.20 -9.46	47.53 3.23 -13.54	47.53 3.19 -13.63	47.53 3.19 -13.98	42.73 3.06 -10.48	42.82 3.03 -11.46	47.53 3.07 -14.96	55.15 3.23 -21.19	58.13 4.07 -16.33	141.24 4.41 -96.00	82.71 4.28 -38.40	52.39 3.69 -14.17	42.85 3.34 -7.67	38.55 3.13 -4.74	36.02 2.92 -3.57
GOWANUS_GT1_6 24111	31.74 2.28 -2.02	29.18 2.19 0.00	28.33 2.17 0.00	28.35 2.17 -0.05	29.17 2.24 0.00	33.10 2.40 -3.09	45.86 2.91 -11.01	47.75 3.43 -9.30	47.59 3.55 -9.96	43.46 3.20 -9.46	47.53 3.23 -13.54	47.53 3.19 -13.63	47.53 3.19 -13.98	42.73 3.06 -10.48	42.82 3.03 -11.46	47.53 3.07 -14.96	55.15 3.23 -21.19	58.13 4.07 -16.33	141.24 4.41 -96.00	82.71 4.28 -38.40	52.39 3.69 -14.17	42.85 3.34 -7.67	38.55 3.13 -4.74	36.02 2.92 -3.57
GOWANUS_GT1_7 24112	31.74 2.28 -2.02	29.18 2.19 0.00	28.33 2.17 0.00	28.35 2.17 -0.05	29.17 2.24 0.00	33.10 2.40 -3.09	45.86 2.91 -11.01	47.75 3.43 -9.30	47.59 3.55 -9.96	43.46 3.20 -9.46	47.53 3.23 -13.54	47.53 3.19 -13.63	47.53 3.19 -13.98	42.73 3.06 -10.48	42.82 3.03 -11.46	47.53 3.07 -14.96	55.15 3.23 -21.19	58.13 4.07 -16.33	141.24 4.41 -96.00	82.71 4.28 -38.40	52.39 3.69 -14.17	42.85 3.34 -7.67	38.55 3.13 -4.74	36.02 2.92 -3.57
GOWANUS_GT1_8 24113	31.74 2.28 -2.02	29.18 2.19 0.00	28.33 2.17 0.00	28.35 2.17 -0.05	29.17 2.24 0.00	33.10 2.40 -3.09	45.86 2.91 -11.01	47.75 3.43 -9.30	47.59 3.55 -9.96	43.46 3.20 -9.46	47.53 3.23 -13.54	47.53 3.19 -13.63	47.53 3.19 -13.98	42.73 3.06 -10.48	42.82 3.03 -11.46	47.53 3.07 -14.96	55.15 3.23 -21.19	58.13 4.07 -16.33	141.24 4.41 -96.00	82.71 4.28 -38.40	52.39 3.69 -14.17	42.85 3.34 -7.67	38.55 3.13 -4.74	36.02 2.92 -3.57
GOWANUS_GT2_1 24114	31.75 2.28 -2.03	29.19 2.19 -0.01	28.31 2.15 -0.01	28.34 2.14 -0.06	29.18 2.23 -0.01	33.11 2.40 -3.10	45.86 2.91 -11.02	47.77 3.47 -9.29	47.58 3.55 -9.95	43.46 3.20 -9.45	47.53 3.23 -13.54	47.53 3.19 -13.63	47.53 3.19 -13.98	42.73 3.06 -10.48	42.79 3.00 -11.46	47.53 3.07 -14.96	55.18 3.26 -21.19	58.13 4.08 -16.33	141.24 4.41 -96.00	82.71 4.28 -38.40	52.38 3.70 -14.16	42.83 3.34 -7.66	38.54 3.13 -4.74	36.04 2.92 -3.58
GOWANUS_GT2_2 24115	31.75 2.28 -2.03	29.19 2.19 -0.01	28.31 2.15 -0.01	28.34 2.14 -0.06	29.18 2.23 -0.01	33.11 2.40 -3.10	45.86 2.91 -11.02	47.77 3.47 -9.29	47.58 3.55 -9.95	43.46 3.20 -9.45	47.53 3.23 -13.54	47.53 3.19 -13.63	47.53 3.19 -13.98	42.73 3.06 -10.48	42.79 3.00 -11.46	47.53 3.07 -14.96	55.18 3.26 -21.19	58.13 4.08 -16.33	141.24 4.41 -96.00	82.71 4.28 -38.40	52.38 3.70 -14.16	42.83 3.34 -7.66	38.54 3.13 -4.74	36.04 2.92 -3.58
GOWANUS_GT2_3 24116	31.75 2.28 -2.03	29.19 2.19 -0.01	28.31 2.15 -0.01	28.34 2.14 -0.06	29.18 2.23 -0.01	33.11 2.40 -3.10	45.86 2.91 -11.02	47.77 3.47 -9.29	47.58 3.55 -9.95	43.46 3.20 -9.45	47.53 3.23 -13.54	47.53 3.19 -13.63	47.53 3.19 -13.98	42.73 3.06 -10.48	42.79 3.00 -11.46	47.53 3.07 -14.96	55.18 3.26 -21.19	58.13 4.08 -16.33	141.24 4.41 -96.00	82.71 4.28 -38.40	52.38 3.70 -14.16	42.83 3.34 -7.66	38.54 3.13 -4.74	36.04 2.92 -3.58
GOWANUS_GT2_4 24117	31.75 2.28 -2.03	29.19 2.19 -0.01	28.31 2.15 -0.01	28.34 2.14 -0.06	29.18 2.23 -0.01	33.11 2.40 -3.10	45.86 2.91 -11.02	47.77 3.47 -9.29	47.58 3.55 -9.95	43.46 3.20 -9.45	47.53 3.23 -13.54	47.53 3.19 -13.63	47.53 3.19 -13.98	42.73 3.06 -10.48	42.79 3.00 -11.46	47.53 3.07 -14.96	55.18 3.26 -21.19	58.13 4.08 -16.33	141.24 4.41 -96.00	82.71 4.28 -38.40	52.38 3.70 -14.16	42.83 3.34 -7.66	38.54 3.13 -4.74	36.04 2.92 -3.58

GOWANUS_GT2_5 24118	31.75 2.28 -2.03	29.19 2.19 -0.01	28.31 2.15 -0.01	28.34 2.14 -0.06	29.18 2.23 -0.01	33.11 2.40 -3.10	45.86 2.91 -11.02	47.77 3.47 -9.29	47.58 3.55 -9.95	43.46 3.20 -9.45	47.53 3.23 -13.54	47.53 3.19 -13.63	47.53 3.19 -13.98	42.73 3.06 -10.48	42.79 3.00 -11.46	47.53 3.07 -14.96	55.18 3.26 -21.19	58.13 4.08 -16.33	141.24 4.41 -96.00	82.71 4.28 -38.40	52.38 3.70 -14.16	42.83 3.34 -7.66	38.54 3.13 -4.74	36.04 2.92 -3.58
GOWANUS_GT2_6 24119	31.75 2.28 -2.03	29.19 2.19 -0.01	28.31 2.15 -0.01	28.34 2.14 -0.06	29.18 2.23 -0.01	33.11 2.40 -3.10	45.86 2.91 -11.02	47.77 3.47 -9.29	47.58 3.55 -9.95	43.46 3.20 -9.45	47.53 3.23 -13.54	47.53 3.19 -13.63	47.53 3.19 -13.98	42.73 3.06 -10.48	42.79 3.00 -11.46	47.53 3.07 -14.96	55.18 3.26 -21.19	58.13 4.08 -16.33	141.24 4.41 -96.00	82.71 4.28 -38.40	52.38 3.70 -14.16	42.83 3.34 -7.66	38.54 3.13 -4.74	36.04 2.92 -3.58
GOWANUS_GT2_7 24120	31.75 2.28 -2.03	29.19 2.19 -0.01	28.31 2.15 -0.01	28.34 2.14 -0.06	29.18 2.23 -0.01	33.11 2.40 -3.10	45.86 2.91 -11.02	47.77 3.47 -9.29	47.58 3.55 -9.95	43.46 3.20 -9.45	47.53 3.23 -13.54	47.53 3.19 -13.63	47.53 3.19 -13.98	42.73 3.06 -10.48	42.79 3.00 -11.46	47.53 3.07 -14.96	55.18 3.26 -21.19	58.13 4.08 -16.33	141.24 4.41 -96.00	82.71 4.28 -38.40	52.38 3.70 -14.16	42.83 3.34 -7.66	38.54 3.13 -4.74	36.04 2.92 -3.58
GOWANUS_GT2_8 24121	31.75 2.28 -2.03	29.19 2.19 -0.01	28.31 2.15 -0.01	28.34 2.14 -0.06	29.18 2.23 -0.01	33.11 2.40 -3.10	45.86 2.91 -11.02	47.77 3.47 -9.29	47.58 3.55 -9.95	43.46 3.20 -9.45	47.53 3.23 -13.54	47.53 3.19 -13.63	47.53 3.19 -13.98	42.73 3.06 -10.48	42.79 3.00 -11.46	47.53 3.07 -14.96	55.18 3.26 -21.19	58.13 4.08 -16.33	141.24 4.41 -96.00	82.71 4.28 -38.40	52.38 3.70 -14.16	42.83 3.34 -7.66	38.54 3.13 -4.74	36.04 2.92 -3.58
GOWANUS_GT3_1 24122	31.75 2.28 -2.03	29.19 2.19 -0.01	28.31 2.15 -0.01	28.34 2.14 -0.06	29.18 2.23 -0.01	33.11 2.40 -3.10	45.86 2.91 -11.02	47.77 3.47 -9.29	47.58 3.55 -9.95	43.46 3.20 -9.45	47.53 3.23 -13.54	47.53 3.19 -13.63	47.53 3.19 -13.98	42.73 3.06 -10.48	42.79 3.00 -11.46	47.53 3.07 -14.96	55.18 3.26 -21.19	58.13 4.08 -16.33	141.24 4.41 -96.00	82.71 4.28 -38.40	52.38 3.70 -14.16	42.83 3.34 -7.66	38.54 3.13 -4.74	36.04 2.92 -3.58
GOWANUS_GT3_2 24123	31.75 2.28 -2.03	29.19 2.19 -0.01	28.31 2.15 -0.01	28.34 2.14 -0.06	29.18 2.23 -0.01	33.11 2.40 -3.10	45.86 2.91 -11.02	47.77 3.47 -9.29	47.58 3.55 -9.95	43.46 3.20 -9.45	47.53 3.23 -13.54	47.53 3.19 -13.63	47.53 3.19 -13.98	42.73 3.06 -10.48	42.79 3.00 -11.46	47.53 3.07 -14.96	55.18 3.26 -21.19	58.13 4.08 -16.33	141.24 4.41 -96.00	82.71 4.28 -38.40	52.38 3.70 -14.16	42.83 3.34 -7.66	38.54 3.13 -4.74	36.04 2.92 -3.58
GOWANUS_GT3_3 24124	31.75 2.28 -2.03	29.19 2.19 -0.01	28.31 2.15 -0.01	28.34 2.14 -0.06	29.18 2.23 -0.01	33.11 2.40 -3.10	45.86 2.91 -11.02	47.77 3.47 -9.29	47.58 3.55 -9.95	43.46 3.20 -9.45	47.53 3.23 -13.54	47.53 3.19 -13.63	47.53 3.19 -13.98	42.73 3.06 -10.48	42.79 3.00 -11.46	47.53 3.07 -14.96	55.18 3.26 -21.19	58.13 4.08 -16.33	141.24 4.41 -96.00	82.71 4.28 -38.40	52.38 3.70 -14.16	42.83 3.34 -7.66	38.54 3.13 -4.74	3

GOWANUS_GT4_4 24133	31.74 2.28 -2.02	29.18 2.19 0.00	28.33 2.17 0.00	28.35 2.17 -0.05	29.17 2.24 0.00	33.10 2.40 -3.09	45.86 2.91 -11.01	47.75 3.43 -9.30	47.59 3.55 -9.96	43.46 3.20 -9.46	47.53 3.23 -13.54	47.53 3.19 -13.63	47.53 3.19 -13.98	42.73 3.06 -10.48	42.82 3.03 -11.46	47.53 3.07 -14.96	55.15 3.23 -21.19	58.13 4.07 -16.33	141.24 4.41 -96.00	82.71 4.28 -38.40	52.39 3.69 -14.17	42.85 3.34 -7.67	38.55 3.13 -4.74	36.02 2.92 -3.57
GOWANUS_GT4_5 24134	31.74 2.28 -2.02	29.18 2.19 0.00	28.33 2.17 0.00	28.35 2.17 -0.05	29.17 2.24 0.00	33.10 2.40 -3.09	45.86 2.91 -11.01	47.75 3.43 -9.30	47.59 3.55 -9.96	43.46 3.20 -9.46	47.53 3.23 -13.54	47.53 3.19 -13.63	47.53 3.19 -13.98	42.73 3.06 -10.48	42.82 3.03 -11.46	47.53 3.07 -14.96	55.15 3.23 -21.19	58.13 4.07 -16.33	141.24 4.41 -96.00	82.71 4.28 -38.40	52.39 3.69 -14.17	42.85 3.34 -7.67	38.55 3.13 -4.74	36.02 2.92 -3.57
GOWANUS_GT4_6 24135	31.74 2.28 -2.02	29.18 2.19 0.00	28.33 2.17 0.00	28.35 2.17 -0.05	29.17 2.24 0.00	33.10 2.40 -3.09	45.86 2.91 -11.01	47.75 3.43 -9.30	47.59 3.55 -9.96	43.46 3.20 -9.46	47.53 3.23 -13.54	47.53 3.19 -13.63	47.53 3.19 -13.98	42.73 3.06 -10.48	42.82 3.03 -11.46	47.53 3.07 -14.96	55.15 3.23 -21.19	58.13 4.07 -16.33	141.24 4.41 -96.00	82.71 4.28 -38.40	52.39 3.69 -14.17	42.85 3.34 -7.67	38.55 3.13 -4.74	36.02 2.92 -3.57
GOWANUS_GT4_7 24136	31.74 2.28 -2.02	29.18 2.19 0.00	28.33 2.17 0.00	28.35 2.17 -0.05	29.17 2.24 0.00	33.10 2.40 -3.09	45.86 2.91 -11.01	47.75 3.43 -9.30	47.59 3.55 -9.96	43.46 3.20 -9.46	47.53 3.23 -13.54	47.53 3.19 -13.63	47.53 3.19 -13.98	42.73 3.06 -10.48	42.82 3.03 -11.46	47.53 3.07 -14.96	55.15 3.23 -21.19	58.13 4.07 -16.33	141.24 4.41 -96.00	82.71 4.28 -38.40	52.39 3.69 -14.17	42.85 3.34 -7.67	38.55 3.13 -4.74	36.02 2.92 -3.57
GOWANUS_GT4_8 24137	31.74 2.28 -2.02	29.18 2.19 0.00	28.33 2.17 0.00	28.35 2.17 -0.05	29.17 2.24 0.00	33.10 2.40 -3.09	45.86 2.91 -11.01	47.75 3.43 -9.30	47.59 3.55 -9.96	43.46 3.20 -9.46	47.53 3.23 -13.54	47.53 3.19 -13.63	47.53 3.19 -13.98	42.73 3.06 -10.48	42.82 3.03 -11.46	47.53 3.07 -14.96	55.15 3.23 -21.19	58.13 4.07 -16.33	141.24 4.41 -96.00	82.71 4.28 -38.40	52.39 3.69 -14.17	42.85 3.34 -7.67	38.55 3.13 -4.74	36.02 2.92 -3.57
GREENBSH_115KV_TB3 55895	31.32 1.43 -2.45	28.46 1.46 0.00	27.57 1.41 0.00	27.61 1.41 -0.06	28.39 1.45 0.00	32.81 1.46 -3.74	46.68 1.41 -13.34	47.61 1.33 -11.26	44.25 1.26 -8.90	34.46 1.26 -2.39	34.00 1.29 -1.94	32.60 1.32 -0.57	31.58 1.21 0.00	30.41 1.23 0.00	29.53 1.19 0.00	32.39 1.21 -1.68	36.48 1.23 -4.51	44.47 1.43 -5.32	45.50 1.55 -3.12	42.73 1.48 -1.22	42.03 1.28 -6.23	42.22 1.15 -9.25	36.06 1.23 -4.16	35.18 1.33 -4.32
GREENDGE_115KV_TB5 80291	27.94 0.05 -0.45	27.19 0.19 0.00	26.34 0.18 0.00	26.30 0.16 -0.01	27.18 0.24 0.00	28.73 0.44 -0.68	34.93 0.57 -2.42	37.66 0.60 -2.05	36.15 0.44 -1.62	31.82 0.59 -0.43	31.62 0.49 -0.36	31.12 0.31 -0.11	30.67 0.30 0.00	29.47 0.29 0.00	28.56 0.23 0.00	29.90 0.09 -0.31	32.09 0.52 -0.83	39.37 0.68 -0.97	42.21 0.82 -0.57	40.97 0.72 -0.22	36.14 0.48 -1.13	34.15 0.64 -1.68	31.89 0.46 -0.76	30.88 0.56 -0.79
GREENIDGE___3 23582	27.94 0.05 -0.45	27.19 0.19 0.00	26.34 0.18 0.00	26.30 0.16 -0.01	27.18 0.24 0.00	28.73 0.44 -0.68	34.93 0.57 -2.42	37.66 0.60 -2.05	36.15 0.44 -1.62	31.82 0.59 -0.43	31.62 0.49 -0.36	31.12 0.31 -0.11	30.67 0.30 0.00	29.47 0.29 0.00	28.56 0.23 0.00	29.90 0.09 -0.31	32.09 0.52 -0.83	39.37 0.68 -0.97	42.21 0.82 -0.57	40.97 0.72 -0.22	36.14 0.48 -1.13	34.15 0.64 -1.68	31.89 0.46 -0.76	30.88 0.56 -0.79
GREENIDGE___4 23583	27.94 0.05 -0.45	27.19 0.19 0.00	26.16 0.00 0.00	26.20 0.05 -0.01	27.15 0.21 0.00	28.73 0.44 -0.68	34.94 0.58 -2.42	37.65 0.59 -2.04	36.15 0.44 -1.62	31.82 0.58 -0.43	31.61 0.49 -0.36	31.12 0.31 -0.11	30.64 0.27 0.00	29.47 0.29 0.00	28.56 0.23 0.00	29.90 0.09 -0.31	32.09 0.52 -0.83	39.37 0.68 -0.97	42.21 0.82 -0.57	40.97 0.72 -0.22	36.14 0.48 -1.13	34.15 0.64 -1.68	31.83 0.40 -0.76	30.88 0.56 -0.79
GREENLWN_69_KV_BK 3 55738	37.62 2.44 -7.74	33.68 2.40 -4.28	30.69 2.35 -2.18	30.54 2.35 -2.05	30.33 2.42 -0.97	35.94 2.60 -5.74	48.29 3.19 -13.16	50.69 3.64 -12.03	49.27 3.72 -11.46	47.59 3.39 -13.40	43.51 3.38 -9.36	40.83 3.35 -6.78	36.73 3.34 -3.03	35.24 3.21 -2.85	36.25 3.15 -4.77	42.26 3.22 -9.54	54.70 3.41 -20.55	62.37 4.19 -20.46	64.04 4.41 -18.81	62.43 4.40 -18.01	60.46 3.87 -22.07	48.70 3.50 -13.37	42.60 3.25 -8.67	41.41 3.01 -8.87
GREENWD_138_KV_38B11_REV_LBMP_J 345004	31.74 2.28 -2.02	29.18 2.19 0.00	28.33 2.17 0.00	28.35 2.17 -0.05	29.17 2.24 0.00	33.10 2.40 -3.09	45.86 2.91 -11.01	47.75 3.43 -9.30	47.59 3.55 -9.96	43.46 3.20 -9.46	47.53 3.23 -13.54	47.53 3.19 -13.63	47.53 3.19 -13.98	42.73 3.06 -10.48	42.82 3.03 -11.46	47.53 3.07 -14.96	55.15 3.23 -21.19	58.13 4.07 -16.33	141.24 4.41 -96.00	82.71 4.28 -38.40	52.39 3.69 -14.17	42.85 3.34 -7.67	38.55 3.13 -4.74	36.02 2.92 -3.57
GRISSOM___SOLAR 323813	33.51 3.29 -2.78	30.32 3.32 0.00	29.27 3.11 0.00	29.34 3.13 -0.07	30.27 3.34 0.00	35.41 3.56 -4.24	51.44 4.38 -15.13	52.30 4.52 -12.77	48.37 4.19 -10.09	37.12 3.60 -2.71	36.25 3.26 -2.22	34.50 3.13 -0.66	33.40 3.04 0.00	32.13 2.95 0.00	31.28 2.95 0.00	34.67 3.25 -1.93	39.99 4.09 -5.16	49.09 5.28 -6.09	50.32 5.92 -3.58	46.81 5.40 -1.39	46.46 4.87 -7.07	46.77 4.46 -10.49	39.47 4.08 -4.72	38.35 3.90 -4.93
GROVEVILLE___HYD 323602	31.46 2.00 -2.01	29.00 2.00 0.00	28.12 1.96 0.00	28.12 1.93 -0.05	28.93 1.99 0.00	32.84 2.15 -3.08	45.52 2.62 -10.97	47.25 2.98 -9.26	44.37 2.97 -7.32	35.39 2.62 -1.97	34.99 2.62 -1.60	33.73 2.55 -0.48	32.92 2.55 0.00	31.63 2.45 0.00	30.77 2.44 0.00	33.37 2.48 -1.39	37.08 2.61 -3.73	45.44 3.32 -4.40	47.04 3.63 -2.58	44.51 3.48 -1.01	42.65 3.00 -5.13	42.14 2.71 -7.61	36.67 2.58 -3.42	35.48 2.39 -3.56
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	27.35 -0.33 -0.24	26.65 -0.35 0.00	25.82 -0.34 0.00	25.77 -0.37 -0.01	26.59 -0.35 0.00	27.81 -0.17 -0.37	33.16 -0.10 -1.32	36.02 -0.11 -1.11	34.80 -0.17 -0.88	30.88 -0.15 -0.24	30.75 -0.22 -0.19	30.49 -0.28 -0.06	29.97 -0.39 0.00	28.80 -0.38 0.00	27.94 -0.40 0.00	29.25 -0.41 -0.17	30.97 -0.45 -0.53	38.14 -0.11 -0.53	41.01 -0.12 -0.31	39.98 -0.16 -0.12	34.93 -0.21 -0.62	32.55 -0.19 -0.91	30.84 -0.25 -0.41	29.75 -0.21 -0.43
HAMLTNNY_34_KV_TB 80303	27.39 -0.30 -0.25	26.67 -0.32 0.00	25.84 -0.31 0.00	25.83 -0.31 -0.01	26.64 -0.30 0.00	27.89 -0.11 -0.39	33.32 0.00 -1.39	36.19 0.00 -1.17	34.95 -0.07 -0.92	30.99 -0.06 -0.25	30.85 -0.12 -0.20	30.55 -0.21 -0.06	30.03 -0.33 0.00	28.86 -0.32 0.00	27.99 -0.34 0.00	29.32 -0.35 -0.18	31.12 -0.09 -0.47	38.28 0.00 -0.56	41.15 0.00 -0.33	40.11 -0.04 -0.13	35.07 -0.10 -0.65	32.70 -0.10 -0.96	30.92 -0.18 -0.43	29.86 -0.12 -0.45

HAMPSHIRE___PAPER_HYD 323593	26.82 -0.68 -0.06	26.27 -0.73 0.00	25.48 -0.68 0.00	25.43 -0.70 0.00	26.26 -0.67 0.00	26.93 -0.77 -0.09	31.51 -0.77 -0.34	34.56 -0.74 -0.28	33.60 -0.72 -0.22	30.15 -0.71 -0.06	30.11 -0.71 -0.05	30.01 -0.70 -0.01	29.67 -0.70 0.00	28.48 -0.70 0.00	27.65 -0.68 0.00	28.78 -0.77 -0.04	29.99 -0.86 -0.11	36.95 -0.91 -0.14	40.00 -0.90 -0.08	39.34 -0.72 -0.03	34.06 -0.62 -0.16	31.36 -0.70 -0.23	30.23 -0.55 -0.10	28.99 -0.65 -0.11
HARDSCRABBLE_WT_PWR 323673	27.50 0.05 0.00	26.94 -0.05 0.00	26.05 -0.10 0.00	25.98 -0.16 0.00	26.77 -0.16 0.00	27.50 -0.11 0.00	31.81 -0.13 0.00	34.88 -0.14 0.00	33.99 -0.10 0.00	30.68 -0.12 0.00	30.68 -0.09 0.00	30.55 -0.15 0.00	30.12 -0.24 0.00	28.92 -0.26 0.00	28.08 -0.26 0.00	29.21 -0.29 0.00	30.49 -0.25 0.00	37.53 -0.19 0.00	40.66 -0.16 0.00	39.94 -0.08 0.00	34.45 -0.07 0.00	31.86 0.03 0.00	30.71 0.03 0.00	29.53 0.00 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	30.98 1.67 -1.87	28.64 1.65 0.00	27.78 1.62 0.00	27.80 1.62 -0.05	28.61 1.67 0.00	32.28 1.82 -2.85	44.33 2.24 -10.16	46.15 2.56 -8.58	43.42 2.56 -6.78	34.93 2.31 -1.82	34.56 2.31 -1.49	33.42 2.27 -0.44	32.58 2.22 0.00	31.34 2.16 0.00	30.46 2.13 0.00	32.91 2.12 -1.29	36.50 2.31 -3.46	44.70 2.90 -4.07	46.40 3.18 -2.39	44.00 3.04 -0.93	41.89 2.62 -4.75	41.23 2.36 -7.04	36.05 2.21 -3.17	34.86 2.04 -3.29
HARSNRAD_115KV_TB1 81005	25.61 -2.14 -0.31	25.08 -1.92 0.00	24.27 -1.88 0.00	24.16 -1.99 -0.01	24.83 -2.10 0.00	26.40 -1.68 -0.47	31.58 -2.04 -1.69	33.78 -2.66 -1.42	32.56 -2.66 -1.12	28.92 -2.19 -0.30	28.89 -2.12 -0.25	28.60 -2.18 -0.07	28.00 -2.37 0.00	27.08 -2.10 0.00	26.21 -2.13 0.00	27.38 -2.33 -0.21	29.10 -2.21 -0.57	35.53 -2.87 -0.68	37.67 -3.55 -0.40	36.62 -3.56 -0.15	32.38 -2.93 -0.79	30.42 -2.58 -1.17	28.78 -2.42 -0.53	28.36 -1.71 -0.55
HARZA MOOSE___RIVER 24016	27.79 0.27 -0.08	27.24 0.24 0.00	26.39 0.24 0.00	26.37 0.24 0.00	27.34 0.40 0.00	28.25 0.52 -0.12	33.22 0.86 -0.42	36.39 1.02 -0.36	35.43 1.06 -0.28	31.74 0.86 -0.08	31.63 0.80 -0.06	31.40 0.68 -0.02	30.97 0.61 0.00	29.73 0.55 0.00	28.87 0.54 0.00	30.00 0.44 -0.05	31.56 0.68 -0.14	38.91 1.02 -0.17	42.07 1.14 -0.10	41.34 1.28 -0.04	35.76 1.04 -0.20	32.98 0.86 -0.29	31.51 0.71 -0.13	30.29 0.62 -0.14
HDSNBRDG_115KV_BRDG_TB1 355580	27.14 -0.52 -0.22	26.46 -0.54 0.00	25.64 -0.52 0.00	25.59 -0.55 -0.01	26.40 -0.54 0.00	27.56 -0.39 -0.34	32.76 -0.38 -1.21	35.58 -0.46 -1.02	34.45 -0.44 -0.81	30.62 -0.40 -0.22	30.48 -0.46 -0.18	30.24 -0.52 -0.05	29.73 -0.64 0.00	28.57 -0.61 0.00	27.74 -0.60 0.00	29.01 -0.65 -0.15	30.69 -0.46 -0.41	37.75 -0.45 -0.49	40.58 -0.53 -0.29	39.57 -0.56 -0.11	34.54 -0.55 -0.57	32.16 -0.51 -0.84	30.50 -0.55 -0.38	29.45 -0.47 -0.39
HELLGATE_13_KV_LD 55870	31.63 2.17 -2.02	29.10 2.11 0.00	28.25 2.09 0.00	28.28 2.09 -0.05	29.09 2.15 0.00	33.02 2.32 -3.09	45.76 2.81 -11.01	47.61 3.29 -9.30	47.42 3.37 -9.96	43.34 3.08 -9.46	47.41 3.11 -13.54	47.41 3.07 -13.63	47.41 3.07 -13.98	42.64 2.98 -10.48	42.71 2.92 -11.46	47.41 2.95 -14.96	55.00 3.07 -21.19	57.90 3.85 -16.33	61.70 4.16 -16.71	56.98 4.08 -12.88	52.18 3.49 -14.17	42.69 3.18 -7.67	38.39 2.98 -4.74	35.88 2.78 -3.57
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	31.63 2.17 -2.02	29.10 2.11 0.00	28.25 2.09 0.00	28.28 2.09 -0.05	29.09 2.15 0.00	33.02 2.32 -3.09	45.76 2.81 -11.01	47.61 3.29 -9.30	47.42 3.37 -9.96	43.34 3.08 -9.46	47.41 3.11 -13.54	47.41 3.07 -13.63	47.41 3.07 -13.98	42.64 2.98 -10.48	42.71 2.92 -11.46	47.41 2.95 -14.96	55.00 3.07 -21.19	57.90 3.85 -16.33	61.70 4.16 -16.71	56.98 4.08 -12.88	52.18 3.49 -14.17	42.69 3.18 -7.67	38.39 2.98 -4.74	35.88 2.78 -3.57
HEMPSTEAD___ 23647	37.54 2.36 -7.74	33.60 2.32 -4.28	30.59 2.25 -2.18	30.41 2.22 -2.05	30.25 2.34 -0.97	35.86 2.51 -5.74	48.10 3.00 -13.16	50.53 3.50 -12.01	49.08 3.55 -11.44	47.46 3.26 -13.40	43.41 3.29 -9.35	40.70 3.22 -6.78	36.60 3.22 -3.02	35.15 3.12 -2.85	36.13 3.03 -4.76	42.14 3.10 -9.54	54.51 3.23 -20.54	62.22 4.04 -20.46	63.95 4.33 -18.80	62.27 4.24 -18.00	60.17 3.59 -22.06	48.49 3.31 -13.35	42.47 3.13 -8.66	41.32 2.92 -8.87
HEWLETT___69_KV_BK3 55828	37.70 2.52 -7.74	33.79 2.51 -4.28	30.80 2.46 -2.18	30.64 2.46 -2.05	30.44 2.53 -0.97	36.05 2.71 -5.74	48.28 3.19 -13.16	50.75 3.71 -12.03	49.30 3.75 -11.46	47.59 3.39 -13.40	43.59 3.48 -9.35	40.89 3.41 -6.77	36.78 3.40 -3.02	35.32 3.30 -2.84	36.33 3.23 -4.76	42.31 3.27 -9.54	54.57 3.29 -20.54	62.33 4.15 -20.46	64.11 4.49 -18.80	62.39 4.36 -18.00	60.31 3.73 -22.06	48.56 3.37 -13.36	42.69 3.34 -8.67	41.52 3.13 -8.86
HICKLING___1 23621	28.00 0.00 -0.56	27.38 0.38 0.00	26.52 0.37 0.00	26.51 0.37 -0.01	27.37 0.43 0.00	28.85 0.39 -0.85	35.59 0.61 -3.05	38.22 0.63 -2.57	36.63 0.51 -2.03	31.84 0.49 -0.55	31.64 0.43 -0.45	31.14 0.31 -0.13	30.91 0.55 0.00	29.73 0.55 0.00	28.82 0.48 0.00	29.95 0.06 -0.39	32.24 0.46 -1.04	39.74 0.79 -1.22	42.40 0.86 -0.72	41.10 0.80 -0.28	36.53 0.59 -1.42	34.52 0.57 -2.11	32.05 0.43 -0.95	31.14 0.62 -0.99
HICKLING___2 23622	28.00 0.00 -0.56	27.38 0.38 0.00	26.52 0.37 0.00	26.51 0.37 -0.01	27.37 0.43 0.00	28.85 0.39 -0.85	35.59 0.61 -3.05	38.22 0.63 -2.57	36.63 0.51 -2.03	31.84 0.49 -0.55	31.64 0.43 -0.45	31.14 0.31 -0.13	30.91 0.55 0.00	29.73 0.55 0.00	28.82 0.48 0.00	29.95 0.06 -0.39	32.24 0.46 -1.04	39.74 0.79 -1.22	42.40 0.86 -0.72	41.10 0.80 -0.28	36.53 0.59 -1.42	34.52 0.57 -2.11	32.05 0.43 -0.95	31.14 0.62 -0.99
HIGH FALLS___HY 23754	31.16 1.73 -1.99	28.70 1.70 0.00	27.86 1.70 0.00	27.86 1.67 -0.05	28.69 1.75 0.00	32.57 1.93 -3.03	45.28 2.52 -10.82	47.06 2.91 -9.14	44.17 2.86 -7.22	35.21 2.46 -1.94	34.78 2.43 -1.58	33.51 2.33 -0.47	32.43 2.06 0.00	31.13 1.96 0.00	30.32 1.98 0.00	32.88 2.01 -1.37	36.66 2.24 -3.68	44.96 2.90 -4.34	46.64 3.27 -2.55	44.10 3.08 -0.99	42.48 2.90 -5.06	41.94 2.61 -7.50	36.47 2.42 -3.38	35.22 2.19 -3.51
HILLBURN___GT 23639	31.01 1.67 -1.89	28.64 1.65 0.00	27.75 1.60 0.00	27.75 1.57 -0.05	28.61 1.67 0.00	32.29 1.79 -2.89	44.44 2.20 -10.30	46.29 2.59 -8.68	43.57 2.63 -6.86	35.02 2.37 -1.84	34.68 2.40 -1.51	33.52 2.36 -0.45	32.70 2.34 0.00	31.43 2.25 0.00	30.55 2.21 0.00	33.02 2.21 -1.31	36.58 2.33 -3.50	44.83 2.98 -4.13	46.47 3.22 -2.43	44.09 3.12 -0.94	41.99 2.66 -4.80	41.38 2.42 -7.13	36.12 2.24 -3.21	34.94 2.07 -3.34
HILLSIDE_115KV_TB1 80332	27.63 -0.38 -0.57	27.00 0.00 0.00	26.16 0.00 0.00	26.15 0.00 0.00	26.96 0.03 0.00	28.43 -0.06 -0.88	35.12 0.06 -3.12	37.65 0.00 -2.63	36.10 -0.07 -2.08	31.33 -0.03 -0.56	31.19 -0.03 -0.46	30.69 -0.15 -0.14	30.49 0.12 0.00	29.33 0.15 0.00	28.45 0.11 0.00	29.54 -0.35 -0.40	31.74 -0.06 -1.06	39.09 0.11 -1.25	41.60 0.04 -0.74	40.31 0.00 -0.29	35.91 -0.07 -1.46	34.00 0.00 -2.16	31.53 -0.12 -0.97	30.63 0.09 -1.01

HISHELDN_WT_PWR 323625	25.49 -2.28 -0.32	25.13 -1.86 0.00	23.99 -2.17 0.00	24.03 -2.12 -0.01	24.91 -2.02 0.00	26.37 -1.74 -0.50	31.63 -2.08 -1.77	33.84 -2.66 -1.49	32.64 -2.62 -1.18	28.93 -2.19 -0.32	28.90 -2.12 -0.26	28.63 -2.15 -0.08	28.27 -2.09 0.00	27.31 -1.87 0.00	26.41 -1.93 0.00	27.39 -2.33 -0.22	29.16 -2.18 -0.60	35.68 -2.75 -0.71	37.89 -3.35 -0.42	36.86 -3.32 -0.16	32.62 -2.73 -0.83	30.64 -2.42 -1.22	28.80 -2.42 -0.55	28.48 -1.62 -0.58
HOLTSVILLE_IC_1 23690	38.03 2.85 -7.74	34.09 2.81 -4.28	31.06 2.72 -2.18	30.90 2.72 -2.05	30.73 2.83 -0.97	36.35 3.01 -5.74	48.80 3.70 -13.16	51.33 4.31 -12.01	49.83 4.30 -11.45	48.02 3.82 -13.40	43.94 3.81 -9.36	41.23 3.74 -6.78	37.12 3.73 -3.03	35.62 3.59 -2.85	36.62 3.51 -4.77	42.64 3.60 -9.55	55.19 3.90 -20.55	63.16 4.98 -20.46	65.02 5.39 -18.81	63.23 5.20 -18.01	61.04 4.46 -22.06	49.19 4.01 -13.35	42.99 3.65 -8.67	41.85 3.45 -8.87
HOLTSVILLE_IC_10 23699	38.19 3.02 -7.74	34.22 2.94 -4.28	31.19 2.85 -2.18	31.04 2.85 -2.05	30.87 2.96 -0.97	36.52 3.17 -5.74	49.02 3.93 -13.16	51.61 4.59 -12.01	50.07 4.53 -11.45	48.24 4.03 -13.40	44.15 4.03 -9.36	41.42 3.93 -6.78	37.28 3.89 -3.03	35.80 3.77 -2.85	36.76 3.66 -4.77	42.82 3.78 -9.54	55.40 4.12 -20.55	63.46 5.28 -20.46	65.39 5.76 -18.81	63.59 5.56 -18.01	61.31 4.73 -22.06	49.42 4.23 -13.35	43.18 3.83 -8.67	42.06 3.66 -8.87
HOLTSVILLE_IC_2 23691	38.03 2.85 -7.74	34.09 2.81 -4.28	31.06 2.72 -2.18	30.90 2.72 -2.05	30.73 2.83 -0.97	36.35 3.01 -5.74	48.80 3.70 -13.16	51.33 4.31 -12.01	49.83 4.30 -11.45	48.02 3.82 -13.40	43.94 3.81 -9.36	41.23 3.74 -6.78	37.12 3.73 -3.03	35.62 3.59 -2.85	36.62 3.51 -4.77	42.64 3.60 -9.55	55.19 3.90 -20.55	63.16 4.98 -20.46	65.02 5.39 -18.81	63.23 5.20 -18.01	61.04 4.46 -22.06	49.19 4.01 -13.35	42.99 3.65 -8.67	41.85 3.45 -8.87
HOLTSVILLE_IC_3 23692	38.03 2.85 -7.74	34.09 2.81 -4.28	31.06 2.72 -2.18	30.90 2.72 -2.05	30.73 2.83 -0.97	36.35 3.01 -5.74	48.80 3.70 -13.16	51.33 4.31 -12.01	49.83 4.30 -11.45	48.02 3.82 -13.40	43.94 3.81 -9.36	41.23 3.74 -6.78	37.12 3.73 -3.03	35.62 3.59 -2.85	36.62 3.51 -4.77	42.64 3.60 -9.55	55.19 3.90 -20.55	63.16 4.98 -20.46	65.02 5.39 -18.81	63.23 5.20 -18.01	61.04 4.46 -22.06	49.19 4.01 -13.35	42.99 3.65 -8.67	41.85 3.45 -8.87
HOLTSVILLE_IC_4 23693	38.03 2.85 -7.74	34.09 2.81 -4.28	31.06 2.72 -2.18	30.90 2.72 -2.05	30.73 2.83 -0.97	36.35 3.01 -5.74	48.80 3.70 -13.16	51.33 4.31 -12.01	49.83 4.30 -11.45	48.02 3.82 -13.40	43.94 3.81 -9.36	41.23 3.74 -6.78	37.12 3.73 -3.03	35.62 3.59 -2.85	36.62 3.51 -4.77	42.64 3.60 -9.55	55.19 3.90 -20.55	63.16 4.98 -20.46	65.02 5.39 -18.81	63.23 5.20 -18.01	61.04 4.46 -22.06	49.19 4.01 -13.35	42.99 3.65 -8.67	41.85 3.45 -8.87
HOLTSVILLE_IC_5 23694	38.03 2.85 -7.74	34.09 2.81 -4.28	31.06 2.72 -2.18	30.90 2.72 -2.05	30.73 2.83 -0.97	36.35 3.01 -5.74	48.80 3.70 -13.16	51.33 4.31 -12.01	49.83 4.30 -11.45	48.02 3.82 -13.40	43.94 3.81 -9.36	41.23 3.74 -6.78	37.12 3.73 -3.03	35.62 3.59 -2.85	36.62 3.51 -4.77	42.64 3.60 -9.55	55.19 3.90 -20.55	63.16 4.98 -20.46	65.02 5.39 -18.81	63.23 5.20 -18.01	61.04 4.46 -22.06	49.19 4.01 -13.35	42.99 3.65 -8.67	41.85 3.45 -8.87
HOLTSVILLE_IC_6 23695	38.19 3.02 -7.74	34.22 2.94 -4.28	31.19 2.85 -2.18	31.04 2.85 -2.05	30.87 2.96 -0.97	36.52 3.17 -5.74	49.02 3.93 -13.16	51.61 4.59 -12.01	50.07 4.53 -11.45	48.24 4.03 -13.40	44.15 4.03 -9.36	41.42 3.93 -6.78	37.28 3.89 -3.03	35.80 3.77 -2.85	36.76 3.66 -4.77	42.82 3.78 -9.54	55.40 4.12 -20.55	63.46 5.28 -20.46	65.39 5.76 -18.81	63.59 5.56 -18.01	61.31 4.73 -22.06	49.42 4.23 -13.35	43.18 3.83 -8.67	42.06 3.66 -8.87
HOLTSVILLE_IC_7 23696	38.19 3.02 -7.74	34.22 2.94 -4.28	31.19 2.85 -2.18	31.04 2.85 -2.05	30.87 2.96 -0.97	36.52 3.17 -5.74	49.02 3.93 -13.16	51.61 4.59 -12.01	50.07 4.53 -11.45	48.24 4.03 -13.40	44.15 4.03 -9.36	41.42 3.93 -6.78	37.28 3.89 -3.03	35.80 3.77 -2.85	36.76 3.66 -4.77	42.82 3.78 -9.54	55.40 4.12 -20.55	63.46 5.28 -20.46	65.39 5.76 -18.81	63.59 5.56 -18.01	61.31 4.73 -22.06	49.42 4.23 -13.35	43.18 3.83 -8.67	42.06 3.66 -8.87
HOLTSVILLE_IC_8 23697	38.19 3.02 -7.74	34.22 2.94 -4.28	31.19 2.85 -2.18	31.04 2.85 -2.05	30.87 2.96 -0.97	36.52 3.17 -5.74	49.02 3.93 -13.16	51.61 4.59 -12.01	50.07 4.53 -11.45	48.24 4.03 -13.40	44.15 4.03 -9.36	41.42 3.93 -6.78	37.28 3.89 -3.03	35.80 3.77 -2.85	36.76 3.66 -4.77	42.82 3.78 -9.54	55.40 4.12 -20.55	63.46 5.28 -20.46	65.39 5.76 -18.81	63.59 5.56 -18.01	61.31 4.73 -22.06	49.42 4.23 -13.35	43.18 3.83 -8.67	42.06 3.66 -8.87
HOLTSVILLE_IC_9 23698	38.19 3.02 -7.74	34.22 2.94 -4.28	31.19 2.85 -2.18	31.04 2.85 -2.05	30.87 2.96 -0.97	36.52 3.17 -5.74	49.02 3.93 -13.16	51.61 4.59 -12.01	50.07 4.53 -11.45	48.24 4.03 -13.40	44.15 4.03 -9.36	41.42 3.93 -6.78	37.28 3.89 -3.03	35.80 3.77 -2.85	36.76 3.66 -4.77	42.82 3.78 -9.54	55.40 4.12 -20.55	63.46 5.28 -20.46	65.39 5.76 -18.81	63.59 5.56 -18.01	61.31 4.73 -22.06	49.42 4.23 -13.35	43.18 3.83 -8.67	42.06 3.66 -8.87
HOMER_HL_115KV_TB2 355744	25.44 -2.39 -0.38	26.24 -0.76 0.00	25.40 -0.76 0.00	25.33 -0.81 -0.01	26.10 -0.83 0.00	26.29 -1.90 -0.59	31.86 -2.17 -2.10	34.26 -2.52 -1.77	32.93 -2.56 -1.40	29.02 -2.16 -0.38	28.95 -2.12 -0.31	28.62 -2.18 -0.09	29.64 -0.73 0.00	28.63 -0.55 0.00	27.68 -0.65 0.00	27.41 -2.36 -0.27	29.27 -2.18 -0.71	36.03 -2.53 -0.84	38.26 -3.06 -0.49	37.13 -3.08 -0.19	32.95 -2.55 -0.98	30.99 -2.29 -1.45	29.06 -2.27 -0.65	28.53 -1.68 -0.68
HOWARD_WT_PWR 323690	27.84 -0.08 -0.48	27.32 0.33 0.00	26.11 -0.05 0.00	26.17 0.03 -0.01	27.39 0.46 0.00	28.84 0.50 -0.73	35.37 0.83 -2.61	38.16 0.95 -2.20	36.61 0.78 -1.74	31.98 0.71 -0.47	31.73 0.58 -0.38	31.22 0.40 -0.11	31.00 0.64 0.00	29.82 0.64 0.00	28.87 0.54 0.00	30.01 0.18 -0.33	32.39 0.77 -0.89	40.16 1.40 -1.05	43.07 1.63 -0.61	41.82 1.56 -0.24	36.98 1.24 -1.22	34.81 1.18 -1.80	32.38 0.89 -0.81	31.47 1.09 -0.85
HQ_GEN_CEDARS 23644	26.97 -0.47 0.00	26.48 -0.51 0.00	25.64 -0.52 0.00	25.64 -0.50 0.00	26.37 -0.57 0.00	26.81 -0.80 0.00	30.88 -1.05 0.00	33.90 -1.12 0.00	32.93 -1.16 0.00	29.75 -1.05 0.00	29.75 -1.02 0.00	29.78 -0.92 0.00	29.64 -0.73 0.00	28.45 -0.73 0.00	27.60 -0.74 0.00	28.79 -0.71 0.00	29.69 -1.05 0.00	36.40 -1.32 0.00	39.48 -1.35 0.00	38.78 -1.24 0.00	33.56 -0.97 0.00	30.88 -0.95 0.00	29.88 -0.80 0.00	28.76 -0.77 0.00
HQ_GEN_CEDARS_PROXY 323590	26.97 -0.47 0.00	26.48 -0.51 0.00	25.69 -0.47 0.00	25.66 -0.47 0.00	26.40 -0.54 0.00	26.81 -0.80 0.00	30.88 -1.05 0.00	33.89 -1.12 0.00	32.93 -1.16 0.00	29.75 -1.05 0.00	29.75 -1.01 0.00	29.78 -0.92 0.00	29.64 -0.73 0.00	28.45 -0.73 0.00	27.60 -0.74 0.00	28.79 -0.71 0.00	29.69 -1.05 0.00	36.40 -1.32 0.00	39.48 -1.35 0.00	38.78 -1.24 0.00	33.56 -0.97 0.00	30.88 -0.95 0.00	29.91 -0.77 0.00	28.76 -0.77 0.00

HQ_GEN_IMPORT 323601	27.00 -0.44 0.00	26.56 -0.43 0.00	25.74 -0.42 0.00	25.72 -0.42 0.00	26.50 -0.43 0.00	27.00 -0.61 0.00	31.14 -0.80 0.00	34.14 -0.87 0.00	33.24 -0.85 0.00	30.00 -0.80 0.00	30.00 -0.77 0.00	30.00 -0.70 0.00	29.76 -0.61 0.00	28.60 -0.58 0.00	27.77 -0.57 0.00	28.94 -0.56 0.00	30.00 -0.74 0.00	36.74 -0.98 0.00	39.80 -1.02 0.00	39.06 -0.96 0.00	33.73 -0.79 0.00	31.07 -0.76 0.00	30.00 -0.67 0.00	28.85 -0.68 0.00
HQ_GEN_WHEEL 23651	27.00 -0.44 0.00	26.56 -0.43 0.00	25.74 -0.42 0.00	25.72 -0.42 0.00	26.50 -0.43 0.00	27.00 -0.61 0.00	31.14 -0.80 0.00	34.14 -0.87 0.00	33.24 -0.85 0.00	30.00 -0.80 0.00	30.00 -0.77 0.00	30.00 -0.70 0.00	29.76 -0.61 0.00	28.60 -0.58 0.00	27.77 -0.57 0.00	28.94 -0.56 0.00	30.00 -0.74 0.00	36.74 -0.98 0.00	39.80 -1.02 0.00	39.06 -0.96 0.00	33.73 -0.79 0.00	31.07 -0.76 0.00	30.00 -0.67 0.00	28.85 -0.68 0.00
HUDSON_AVE_GT_3 23810	31.55 2.09 -2.02	29.02 2.02 0.00	28.17 2.01 0.00	28.17 1.99 -0.05	29.01 2.07 0.00	32.94 2.24 -3.09	45.66 2.71 -11.01	47.54 3.22 -9.30	44.76 3.31 -7.36	43.20 3.02 -9.39	43.11 3.05 -9.30	42.80 3.01 -9.09	42.79 3.01 -9.42	42.48 2.92 -10.38	42.54 2.86 -11.35	42.61 2.89 -10.22	46.80 3.01 -13.05	50.56 3.77 -9.06	54.74 4.08 -9.84	48.95 4.00 -4.92	43.10 3.42 -5.16	42.60 3.12 -7.65	38.30 2.91 -4.71	35.82 2.72 -3.57
HUDSON_AVE_GT_4 23540	31.55 2.09 -2.02	29.02 2.02 0.00	28.17 2.01 0.00	28.17 1.99 -0.05	29.01 2.07 0.00	32.94 2.24 -3.09	45.66 2.71 -11.01	47.54 3.22 -9.30	44.76 3.31 -7.36	43.20 3.02 -9.39	43.11 3.05 -9.30	42.80 3.01 -9.09	42.79 3.01 -9.42	42.48 2.92 -10.38	42.54 2.86 -11.35	42.61 2.89 -10.22	46.80 3.01 -13.05	50.56 3.77 -9.06	54.74 4.08 -9.84	48.95 4.00 -4.92	43.10 3.42 -5.16	42.60 3.12 -7.65	38.30 2.91 -4.71	35.82 2.72 -3.57
HUDSON_AVE_GT_5 23657	31.55 2.09 -2.02	29.02 2.02 0.00	28.17 2.01 0.00	28.17 1.99 -0.05	29.01 2.07 0.00	32.94 2.24 -3.09	45.66 2.71 -11.01	47.54 3.22 -9.30	44.76 3.31 -7.36	43.20 3.02 -9.39	43.11 3.05 -9.30	42.80 3.01 -9.09	42.79 3.01 -9.42	42.48 2.92 -10.38	42.54 2.86 -11.35	42.61 2.89 -10.22	46.80 3.01 -13.05	50.56 3.77 -9.06	54.74 4.08 -9.84	48.95 4.00 -4.92	43.10 3.42 -5.16	42.60 3.12 -7.65	38.30 2.91 -4.71	35.82 2.72 -3.57
HUDSON_AVE_10 24168	31.50 2.03 -2.02	28.97 1.97 0.00	28.12 1.96 0.00	28.12 1.93 -0.05	28.93 1.99 0.00	32.88 2.18 -3.09	45.63 2.68 -11.01	47.50 3.19 -9.30	44.76 3.31 -7.36	43.17 3.02 -9.39	43.08 3.02 -9.30	42.77 2.98 -9.09	42.76 2.98 -9.42	42.42 2.86 -10.38	42.49 2.81 -11.35	42.58 2.86 -10.22	46.80 3.01 -13.05	50.56 3.77 -9.06	54.74 4.08 -9.84	48.91 3.96 -4.92	43.07 3.38 -5.16	42.54 3.06 -7.65	38.24 2.85 -4.71	35.76 2.66 -3.57
HUDSON___115KV_TB 4 355613	31.69 1.87 -2.39	29.00 2.00 0.00	28.09 1.94 0.00	28.13 1.93 -0.06	28.93 1.99 0.00	33.19 1.93 -3.65	46.82 1.88 -13.00	47.78 1.79 -10.98	44.40 1.64 -8.68	34.58 1.45 -2.33	34.05 1.38 -1.90	32.65 1.38 -0.56	31.70 1.34 0.00	30.52 1.34 0.00	29.67 1.33 0.00	32.50 1.36 -1.64	36.62 1.48 -4.41	44.72 1.81 -5.19	46.00 2.12 -3.05	43.14 1.92 -1.19	42.26 1.66 -6.08	42.38 1.53 -9.02	36.30 1.56 -4.06	35.37 1.62 -4.22
HUNTER MOUNT___DRP 323613	31.74 1.98 -2.32	29.24 2.24 0.00	28.30 2.14 0.00	28.34 2.14 -0.06	29.17 2.24 0.00	33.20 2.04 -3.55	46.63 2.04 -12.65	47.58 1.89 -10.68	44.20 1.67 -8.44	34.46 1.39 -2.27	33.94 1.32 -1.85	32.54 1.29 -0.55	31.70 1.34 0.00	30.49 1.31 0.00	29.70 1.36 0.00	32.40 1.30 -1.60	36.50 1.48 -4.29	44.55 1.77 -5.06	45.96 2.16 -2.97	43.10 1.92 -1.16	42.09 1.66 -5.91	42.10 1.50 -8.77	36.19 1.56 -3.95	35.28 1.65 -4.10
HUNTINGTON_RES_REC 323705	37.84 2.66 -7.74	33.90 2.62 -4.28	30.87 2.54 -2.18	30.70 2.51 -2.05	30.55 2.64 -0.97	36.16 2.82 -5.74	48.58 3.48 -13.16	51.02 3.99 -12.01	49.59 4.05 -11.45	47.83 3.63 -13.40	43.75 3.63 -9.36	41.04 3.56 -6.78	36.94 3.55 -3.03	35.44 3.41 -2.85	36.45 3.34 -4.77	42.47 3.42 -9.54	55.00 3.72 -20.55	62.86 4.68 -20.46	64.65 5.02 -18.81	62.95 4.92 -18.01	60.83 4.25 -22.06	49.00 3.82 -13.35	42.84 3.50 -8.67	41.68 3.28 -8.87
HUNTLEY___63 23557	25.75 -2.00 -0.32	25.27 -1.73 0.00	24.46 -1.70 0.00	24.34 -1.80 -0.01	25.02 -1.91 0.00	26.55 -1.55 -0.49	31.75 -1.92 -1.73	33.99 -2.49 -1.46	32.76 -2.49 -1.15	29.05 -2.06 -0.31	29.02 -2.00 -0.25	28.72 -2.06 -0.08	28.21 -2.16 0.00	27.28 -1.90 0.00	26.41 -1.93 0.00	27.51 -2.21 -0.22	29.24 -2.09 -0.59	35.77 -2.64 -0.69	37.88 -3.35 -0.41	36.86 -3.32 -0.16	32.60 -2.73 -0.81	30.61 -2.42 -1.20	28.95 -2.27 -0.54	28.50 -1.59 -0.56
HUNTLEY___64 23558	25.75 -2.00 -0.32	25.27 -1.73 0.00	24.46 -1.70 0.00	24.34 -1.80 -0.01	25.02 -1.91 0.00	26.55 -1.55 -0.49	31.75 -1.92 -1.73	33.99 -2.49 -1.46	32.76 -2.49 -1.15	29.05 -2.06 -0.31	29.02 -2.00 -0.25	28.72 -2.06 -0.08	28.21 -2.16 0.00	27.28 -1.90 0.00	26.41 -1.93 0.00	27.51 -2.21 -0.22	29.24 -2.09 -0.59	35.77 -2.64 -0.69	37.88 -3.35 -0.41	36.86 -3.32 -0.16	32.60 -2.73 -0.81	30.61 -2.42 -1.20	28.95 -2.27 -0.54	28.50 -1.59 -0.56
HUNTLEY___65 23559	25.75 -2.00 -0.32	25.27 -1.73 0.00	24.46 -1.70 0.00	24.34 -1.80 -0.01	25.02 -1.91 0.00	26.55 -1.55 -0.49	31.75 -1.92 -1.73	33.99 -2.49 -1.46	32.76 -2.49 -1.15	29.05 -2.06 -0.31	29.02 -2.00 -0.25	28.72 -2.06 -0.08	28.21 -2.16 0.00	27.28 -1.90 0.00	26.41 -1.93 0.00	27.51 -2.21 -0.22	29.24 -2.09 -0.59	35.77 -2.64 -0.69	37.88 -3.35 -0.41	36.86 -3.32 -0.16	32.60 -2.73 -0.81	30.61 -2.42 -1.20	28.95 -2.27 -0.54	28.50 -1.59 -0.56
HUNTLEY___66 23560	25.75 -2.00 -0.32	25.27 -1.73 0.00	24.46 -1.70 0.00	24.34 -1.80 -0.01	25.02 -1.91 0.00	26.55 -1.55 -0.49	31.75 -1.92 -1.73	33.99 -2.49 -1.46	32.76 -2.49 -1.15	29.05 -2.06 -0.31	29.02 -2.00 -0.25	28.72 -2.06 -0.08	28.21 -2.16 0.00	27.28 -1.90 0.00	26.41 -1.93 0.00	27.51 -2.21 -0.22	29.24 -2.09 -0.59	35.77 -2.64 -0.69	37.88 -3.35 -0.41	36.86 -3.32 -0.16	32.60 -2.73 -0.81	30.61 -2.42 -1.20	28.95 -2.27 -0.54	28.50 -1.59 -0.56
HUNTLEY___67 23561	25.65 -2.11 -0.32	25.19 -1.81 0.00	24.41 -1.75 0.00	24.29 -1.86 -0.01	24.97 -1.97 0.00	26.44 -1.66 -0.49	31.67 -2.01 -1.75	33.87 -2.63 -1.48	32.63 -2.62 -1.17	28.96 -2.16 -0.31	28.96 -2.06 -0.26	28.66 -2.12 -0.08	28.21 -2.16 0.00	27.25 -1.93 0.00	26.38 -1.96 0.00	27.45 -2.27 -0.22	29.15 -2.18 -0.60	35.59 -2.83 -0.70	37.73 -3.51 -0.41	36.70 -3.48 -0.16	32.51 -2.83 -0.82	30.53 -2.51 -1.21	28.86 -2.36 -0.55	28.44 -1.65 -0.57
HUNTLEY___68 23562	25.65 -2.11 -0.32	25.19 -1.81 0.00	24.41 -1.75 0.00	24.29 -1.86 -0.01	24.97 -1.97 0.00	26.44 -1.66 -0.49	31.67 -2.01 -1.75	33.87 -2.63 -1.48	32.63 -2.62 -1.17	28.96 -2.16 -0.31	28.96 -2.06 -0.26	28.66 -2.12 -0.08	28.21 -2.16 0.00	27.25 -1.93 0.00	26.38 -1.96 0.00	27.45 -2.27 -0.22	29.15 -2.18 -0.60	35.59 -2.83 -0.70	37.73 -3.51 -0.41	36.70 -3.48 -0.16	32.51 -2.83 -0.82	30.53 -2.51 -1.21	28.86 -2.36 -0.55	28.44 -1.65 -0.57

HYLAND___LFGE 323620	28.31 0.47 -0.41	27.57 0.57 0.00	26.58 0.42 0.00	26.59 0.44 -0.01	27.50 0.57 0.00	29.31 1.08 -0.62	35.91 1.76 -2.22	38.71 1.82 -1.87	37.03 1.46 -1.48	32.28 1.08 -0.40	31.95 0.86 -0.33	31.51 0.71 -0.10	30.85 0.48 0.00	29.71 0.53 0.00	28.85 0.51 0.00	30.37 0.59 -0.28	32.97 1.48 -0.76	40.87 2.26 -0.89	44.08 2.74 -0.52	42.51 2.28 -0.20	37.39 1.83 -1.04	35.09 1.72 -1.54	32.68 1.32 -0.69	31.78 1.53 -0.72
INDECK___CORINTH 23802	31.59 1.62 -2.53	28.62 1.62 0.00	27.67 1.52 0.00	27.74 1.54 -0.06	28.55 1.62 0.00	32.30 0.83 -3.86	46.77 1.05 -13.78	47.79 1.22 -11.55	44.41 1.19 -9.12	34.27 1.01 -2.45	33.64 0.86 -2.01	32.13 0.83 -0.59	31.06 0.70 0.00	29.94 0.76 0.00	29.10 0.77 0.00	32.04 0.80 -1.74	36.57 1.17 -4.67	44.73 1.51 -5.50	45.85 1.79 -3.23	42.84 1.56 -1.25	42.40 1.48 -6.39	42.55 1.24 -9.48	36.08 1.14 -4.27	35.02 1.03 -4.46
INDECK___ILION 23567	27.74 0.30 0.00	27.27 0.27 0.00	26.39 0.24 0.00	26.37 0.24 0.00	27.18 0.24 0.00	27.91 0.30 0.00	32.32 0.38 0.00	35.44 0.42 0.00	34.53 0.44 0.00	31.17 0.37 0.00	31.17 0.40 0.00	31.07 0.37 0.00	30.67 0.30 0.00	29.44 0.26 0.00	28.62 0.28 0.00	29.77 0.27 0.00	31.08 0.34 0.00	38.21 0.49 0.00	41.35 0.53 0.00	40.58 0.56 0.00	34.97 0.45 0.00	32.28 0.45 0.00	31.07 0.40 0.00	29.91 0.38 0.00
INDECK___OLEAN 23982	25.44 -2.39 -0.38	26.24 -0.76 0.00	23.88 -2.28 0.00	23.90 -2.25 -0.01	26.05 -0.89 0.00	26.29 -1.90 -0.59	31.86 -2.17 -2.10	34.23 -2.55 -1.77	32.93 -2.56 -1.40	29.02 -2.16 -0.38	28.95 -2.12 -0.31	28.62 -2.18 -0.09	29.61 -0.76 0.00	28.62 -0.56 0.00	27.63 -0.71 0.00	27.41 -2.36 -0.27	29.27 -2.18 -0.71	36.03 -2.53 -0.84	38.26 -3.06 -0.49	37.13 -3.08 -0.19	32.95 -2.55 -0.98	30.99 -2.29 -1.45	28.97 -2.36 -0.65	28.53 -1.68 -0.68
INDECK___OSWEGO 23783	26.78 -0.85 -0.19	26.13 -0.86 0.00	25.32 -0.84 0.00	25.30 -0.84 0.00	26.07 -0.86 0.00	27.18 -0.72 -0.29	32.24 -0.73 -1.04	35.05 -0.84 -0.87	33.96 -0.82 -0.69	30.25 -0.74 -0.19	30.15 -0.77 -0.15	29.92 -0.83 -0.04	29.42 -0.94 0.00	28.28 -0.90 0.00	27.46 -0.88 0.00	28.72 -0.91 -0.13	30.32 -0.77 -0.35	37.27 -0.87 -0.42	40.13 -0.94 -0.24	39.16 -0.96 -0.09	34.15 -0.86 -0.48	31.75 -0.79 -0.72	30.17 -0.83 -0.32	29.10 -0.77 -0.34
INDECK___YERKES 23781	25.78 -1.98 -0.32	25.27 -1.73 0.00	24.25 -1.91 0.00	24.26 -1.88 -0.01	24.97 -1.97 0.00	26.57 -1.52 -0.49	31.78 -1.88 -1.73	33.95 -2.52 -1.46	32.76 -2.49 -1.15	29.08 -2.03 -0.31	29.05 -1.97 -0.25	28.75 -2.03 -0.08	28.24 -2.13 0.00	27.31 -1.87 0.00	26.41 -1.93 0.00	27.54 -2.18 -0.22	29.27 -2.06 -0.59	35.77 -2.64 -0.69	37.96 -3.27 -0.41	36.90 -3.28 -0.16	32.64 -2.69 -0.81	30.64 -2.39 -1.20	28.82 -2.39 -0.54	28.53 -1.57 -0.56
INDIAN POINT_GT_1 24139	31.22 1.78 -2.00	28.75 1.75 0.00	27.88 1.73 0.00	27.91 1.72 -0.05	28.71 1.78 0.00	32.56 1.90 -3.05	45.14 2.33 -10.87	46.93 2.73 -9.18	44.10 2.76 -7.25	35.28 2.53 -1.95	34.91 2.55 -1.59	33.69 2.52 -0.47	32.88 2.52 0.00	31.60 2.42 0.00	30.72 2.38 0.00	33.27 2.39 -1.38	36.96 2.52 -3.70	45.29 3.21 -4.36	46.85 3.47 -2.56	44.38 3.36 -1.00	42.47 2.87 -5.08	41.98 2.61 -7.54	36.52 2.45 -3.39	35.33 2.27 -3.52
INDIAN POINT_GT_2 23659	31.22 1.78 -2.00	28.75 1.75 0.00	27.88 1.73 0.00	27.91 1.72 -0.05	28.71 1.78 0.00	32.56 1.90 -3.05	45.14 2.33 -10.87	46.93 2.73 -9.18	44.10 2.76 -7.25	35.28 2.53 -1.95	34.91 2.55 -1.59	33.69 2.52 -0.47	32.88 2.52 0.00	31.60 2.42 0.00	30.72 2.38 0.00	33.27 2.39 -1.38	36.96 2.52 -3.70	45.29 3.21 -4.36	46.85 3.47 -2.56	44.38 3.36 -1.00	42.47 2.87 -5.08	41.98 2.61 -7.54	36.52 2.45 -3.39	35.33 2.27 -3.52
INDIAN POINT_GT_3 24019	31.22 1.78 -2.00	28.75 1.75 0.00	27.88 1.73 0.00	27.91 1.72 -0.05	28.71 1.78 0.00	32.56 1.90 -3.05	45.14 2.33 -10.87	46.93 2.73 -9.18	44.10 2.76 -7.25	35.28 2.53 -1.95	34.91 2.55 -1.59	33.69 2.52 -0.47	32.88 2.52 0.00	31.60 2.42 0.00	30.72 2.38 0.00	33.27 2.39 -1.38	36.96 2.52 -3.70	45.29 3.21 -4.36	46.85 3.47 -2.56	44.38 3.36 -1.00	42.47 2.87 -5.08	41.98 2.61 -7.54	36.52 2.45 -3.39	35.33 2.27 -3.52
INDIAN POINT___2 23530	31.09 1.70 -1.94	28.67 1.67 0.00	27.78 1.62 0.00	27.80 1.62 -0.05	28.63 1.70 0.00	32.40 1.82 -2.97	44.75 2.23 -10.58	46.56 2.63 -8.91	43.83 2.69 -7.04	35.13 2.43 -1.89	34.78 2.46 -1.55	33.59 2.43 -0.46	32.76 2.40 0.00	31.52 2.34 0.00	30.60 2.27 0.00	33.15 2.30 -1.34	36.76 2.43 -3.60	45.02 3.05 -4.24	46.62 3.31 -2.49	44.20 3.20 -0.97	42.18 2.73 -4.93	41.64 2.48 -7.32	36.30 2.33 -3.29	35.12 2.15 -3.43
INDIAN POINT___3 23531	31.34 1.87 -2.03	28.83 1.84 0.00	27.96 1.80 0.00	27.99 1.80 -0.05	28.79 1.86 0.00	32.72 2.02 -3.10	45.43 2.43 -11.07	47.16 2.80 -9.34	44.30 2.83 -7.38	35.37 2.59 -1.99	35.00 2.62 -1.62	33.76 2.58 -0.48	32.95 2.58 0.00	31.69 2.51 0.00	30.80 2.47 0.00	33.38 2.48 -1.40	37.08 2.58 -3.76	45.40 3.24 -4.44	46.94 3.51 -2.61	44.44 3.40 -1.02	42.60 2.90 -5.17	42.15 2.64 -7.67	36.64 2.52 -3.45	35.42 2.30 -3.59
INGHAM_C_115KV_TB7 356103	27.58 0.14 0.00	27.05 0.05 0.00	26.16 0.00 0.00	26.08 -0.05 0.00	26.88 -0.05 0.00	27.64 0.03 0.00	31.94 0.00 0.00	35.02 0.00 0.00	34.12 0.03 0.00	30.80 0.00 0.00	30.80 0.03 0.00	30.67 -0.03 0.00	30.27 -0.09 0.00	29.06 -0.12 0.00	28.22 -0.11 0.00	29.35 -0.15 0.00	30.65 -0.09 0.00	37.68 -0.04 0.00	40.86 0.04 0.00	40.10 0.08 0.00	34.59 0.07 0.00	31.99 0.16 0.00	30.80 0.12 0.00	29.65 0.12 0.00
IP CORINTH___1 23988	31.59 1.62 -2.53	28.62 1.62 0.00	27.70 1.54 0.00	27.77 1.57 -0.06	28.55 1.62 0.00	32.44 0.97 -3.86	46.96 1.25 -13.78	48.09 1.44 -11.63	44.71 1.43 -9.19	34.47 1.20 -2.47	33.82 1.05 -2.01	32.28 0.98 -0.59	31.25 0.88 0.00	30.08 0.90 0.00	29.24 0.91 0.00	32.22 0.97 -1.74	36.76 1.35 -4.67	44.96 1.74 -5.50	46.10 2.04 -3.23	43.09 1.80 -1.26	42.65 1.69 -6.44	42.82 1.43 -9.55	36.29 1.32 -4.30	35.19 1.21 -4.46
IP___TICONDEROGA 23804	32.41 2.44 -2.53	29.45 2.46 0.00	28.49 2.33 0.00	28.58 2.38 -0.06	29.36 2.42 0.00	33.40 1.93 -3.86	48.16 2.46 -13.76	49.37 2.73 -11.62	46.24 2.97 -9.18	35.77 2.49 -2.47	34.90 2.12 -2.01	33.36 2.06 -0.59	32.07 1.70 0.00	30.93 1.75 0.00	30.06 1.73 0.00	33.10 1.86 -1.74	37.96 2.55 -4.67	46.43 3.21 -5.50	47.81 3.76 -3.23	44.61 3.32 -1.26	44.06 3.11 -6.43	44.05 2.67 -9.54	37.45 2.48 -4.30	36.34 2.36 -4.45
ISLIP_RES_REC 323679	38.30 3.13 -7.74	34.36 3.08 -4.28	31.29 2.96 -2.18	31.14 2.95 -2.05	31.00 3.10 -0.97	36.66 3.31 -5.74	49.22 4.12 -13.16	51.83 4.80 -12.01	50.27 4.74 -11.45	48.39 4.19 -13.40	44.31 4.18 -9.36	41.57 4.08 -6.78	37.43 4.04 -3.03	35.94 3.91 -2.85	36.90 3.80 -4.77	42.97 3.92 -9.54	55.59 4.30 -20.55	63.73 5.55 -20.46	65.67 6.04 -18.81	63.83 5.80 -18.01	61.52 4.94 -22.06	49.60 4.42 -13.35	43.33 3.99 -8.67	42.18 3.78 -8.87

JAMAICA__27_KV_LOAD 355505	31.69 2.22 -2.02	29.13 2.13 0.00	28.30 2.14 0.00	28.30 2.12 -0.05	29.09 2.15 0.00	33.07 2.37 -3.09	45.92 2.97 -11.01	47.89 3.57 -9.30	45.14 3.68 -7.36	43.48 3.30 -9.39	43.39 3.32 -9.30	43.05 3.25 -9.09	43.03 3.25 -9.42	42.68 3.12 -10.38	42.74 3.06 -11.35	42.84 3.13 -10.22	47.14 3.35 -13.05	51.01 4.22 -9.06	55.23 4.57 -9.84	49.43 4.48 -4.92	43.48 3.80 -5.16	42.86 3.37 -7.65	38.52 3.13 -4.71	36.02 2.92 -3.57
JANIS__SOLAR 323808	29.42 1.40 -0.58	28.40 1.40 0.00	27.39 1.23 0.00	27.40 1.25 -0.01	28.39 1.45 0.00	30.20 1.71 -0.88	37.44 2.36 -3.14	40.29 2.63 -2.65	38.57 2.39 -2.09	33.34 1.97 -0.56	33.01 1.78 -0.46	32.41 1.57 -0.14	31.79 1.43 0.00	30.58 1.40 0.00	29.70 1.36 0.00	31.26 1.36 -0.40	33.84 2.03 -1.07	41.93 2.94 -1.26	44.95 3.39 -0.74	43.59 3.28 -0.29	38.65 2.66 -1.47	36.40 2.39 -2.18	33.77 2.11 -0.98	32.53 1.98 -1.02
JARVIS____ 23743	27.71 0.27 0.00	27.27 0.27 0.00	26.42 0.26 0.00	26.40 0.26 0.00	27.23 0.30 0.00	27.94 0.33 0.00	32.35 0.41 0.00	35.47 0.45 0.00	34.57 0.48 0.00	31.23 0.43 0.00	31.20 0.43 0.00	31.10 0.40 0.00	30.73 0.37 0.00	29.53 0.35 0.00	28.68 0.34 0.00	29.86 0.36 0.00	31.14 0.40 0.00	38.25 0.53 0.00	41.39 0.57 0.00	40.58 0.56 0.00	34.97 0.45 0.00	32.28 0.45 0.00	31.07 0.40 0.00	29.91 0.38 0.00
JENNISON____1 23625	29.95 1.78 -0.73	28.83 1.84 0.00	27.91 1.75 0.00	27.90 1.75 -0.02	28.82 1.89 0.00	30.79 2.07 -1.11	38.68 2.78 -3.96	41.48 3.12 -3.34	39.73 3.00 -2.64	34.04 2.53 -0.71	33.78 2.43 -0.58	33.12 2.24 -0.17	32.52 2.16 0.00	31.28 2.10 0.00	30.38 2.04 0.00	31.98 1.98 -0.50	34.64 2.55 -1.35	42.82 3.51 -1.59	45.68 3.92 -0.93	44.19 3.80 -0.36	39.55 3.18 -1.85	37.44 2.86 -2.75	34.43 2.52 -1.24	33.21 2.39 -1.29
JENNISON____2 23626	29.95 1.78 -0.73	28.83 1.84 0.00	27.91 1.75 0.00	27.90 1.75 -0.02	28.82 1.89 0.00	30.79 2.07 -1.11	38.68 2.78 -3.96	41.48 3.12 -3.34	39.73 3.00 -2.64	34.04 2.53 -0.71	33.78 2.43 -0.58	33.12 2.24 -0.17	32.52 2.16 0.00	31.28 2.10 0.00	30.38 2.04 0.00	31.98 1.98 -0.50	34.64 2.55 -1.35	42.82 3.51 -1.59	45.68 3.92 -0.93	44.19 3.80 -0.36	39.55 3.18 -1.85	37.44 2.86 -2.75	34.43 2.52 -1.24	33.21 2.39 -1.29
JERICOHO_RISE_WT_PWR 323719	26.97 -0.47 0.00	26.43 -0.57 0.00	25.56 -0.60 0.00	25.43 -0.70 0.00	26.13 -0.81 0.00	26.53 -1.08 0.00	30.47 -1.47 0.00	33.37 -1.65 0.00	32.28 -1.81 0.00	29.14 -1.66 0.00	29.05 -1.72 0.00	29.05 -1.66 0.00	28.82 -1.55 0.00	27.60 -1.58 0.00	26.80 -1.53 0.00	28.06 -1.44 0.00	28.99 -1.75 0.00	35.61 -2.11 0.00	38.70 -2.12 0.00	38.06 -1.96 0.00	32.97 -1.55 0.00	30.37 -1.46 0.00	29.45 -1.23 0.00	28.38 -1.15 0.00
KATONAH__115KV_46KV_TB4 355592	31.49 2.00 -2.05	28.97 1.97 0.00	28.09 1.94 0.00	28.12 1.93 -0.05	28.87 1.94 0.00	32.86 2.13 -3.13	45.67 2.59 -11.14	47.47 3.05 -9.41	44.63 3.10 -7.44	35.60 2.80 -2.00	35.20 2.80 -1.63	33.92 2.73 -0.48	33.13 2.76 0.00	31.84 2.66 0.00	30.97 2.64 0.00	33.57 2.66 -1.41	37.33 2.80 -3.79	45.74 3.55 -4.47	47.24 3.80 -2.62	44.73 3.68 -1.02	42.94 3.21 -5.21	42.46 2.90 -7.73	36.82 2.67 -3.48	35.62 2.48 -3.61
KCE_NY_1 323755	31.69 1.73 -2.52	28.73 1.73 0.00	27.78 1.62 0.00	27.84 1.65 -0.06	28.63 1.70 0.00	33.03 1.57 -3.85	47.56 1.88 -13.74	48.72 2.21 -11.49	45.32 2.15 -9.08	35.15 1.91 -2.44	34.58 1.81 -2.00	33.08 1.78 -0.59	32.03 1.67 0.00	30.84 1.66 0.00	29.98 1.64 0.00	32.94 1.71 -1.73	37.41 2.03 -4.64	45.72 2.53 -5.47	46.85 2.81 -3.21	43.91 2.64 -1.25	43.23 2.35 -6.36	43.37 2.10 -9.44	36.92 1.99 -4.25	35.88 1.92 -4.43
KCE_NY_6_ESR 323823	25.74 -2.03 -0.33	25.54 -1.46 0.00	24.22 -1.94 0.00	24.24 -1.91 -0.01	25.24 -1.70 0.00	26.57 -1.55 -0.51	31.92 -1.82 -1.81	34.16 -2.38 -1.52	32.91 -2.39 -1.20	29.19 -1.94 -0.32	29.15 -1.88 -0.26	28.85 -1.93 -0.08	28.64 -1.73 0.00	27.69 -1.49 0.00	26.78 -1.56 0.00	27.64 -2.09 -0.23	29.39 -1.97 -0.62	35.99 -2.45 -0.73	38.19 -3.06 -0.43	37.11 -3.08 -0.17	32.85 -2.52 -0.84	30.82 -2.26 -1.25	28.97 -2.27 -0.56	28.64 -1.48 -0.59
KEDC PORT_JEFF_GT2 24210	38.17 2.99 -7.74	34.20 2.92 -4.28	31.16 2.83 -2.18	31.01 2.82 -2.05	30.84 2.94 -0.97	36.49 3.15 -5.74	48.99 3.89 -13.16	51.55 4.52 -12.01	50.00 4.46 -11.45	48.18 3.97 -13.40	44.10 3.97 -9.36	41.38 3.90 -6.78	37.25 3.86 -3.03	35.74 3.71 -2.85	36.70 3.60 -4.77	42.73 3.69 -9.54	55.31 4.03 -20.55	63.35 5.17 -20.46	65.27 5.64 -18.81	63.47 5.44 -18.01	61.21 4.63 -22.06	49.32 4.14 -13.35	43.11 3.77 -8.67	41.97 3.57 -8.87
KEDC PORT_JEFF_GT3 24211	38.17 2.99 -7.74	34.20 2.92 -4.28	31.16 2.83 -2.18	31.01 2.82 -2.05	30.84 2.94 -0.97	36.49 3.15 -5.74	48.99 3.89 -13.16	51.55 4.52 -12.01	50.00 4.46 -11.45	48.18 3.97 -13.40	44.10 3.97 -9.36	41.38 3.90 -6.78	37.25 3.86 -3.03	35.74 3.71 -2.85	36.70 3.60 -4.77	42.73 3.69 -9.54	55.31 4.03 -20.55	63.35 5.17 -20.46	65.27 5.64 -18.81	63.47 5.44 -18.01	61.21 4.63 -22.06	49.32 4.14 -13.35	43.11 3.77 -8.67	41.97 3.57 -8.87
KEDC_GLWD_GT4 24219	37.67 2.50 -7.74	33.74 2.46 -4.28	30.69 2.36 -2.18	30.54 2.35 -2.05	30.36 2.45 -0.97	35.99 2.65 -5.74	48.06 2.97 -13.16	50.49 3.47 -12.01	49.04 3.51 -11.44	47.65 3.45 -13.40	43.57 3.45 -9.35	40.89 3.41 -6.77	36.79 3.40 -3.02	35.29 3.27 -2.85	36.30 3.20 -4.76	42.32 3.27 -9.54	54.48 3.20 -20.54	62.22 4.04 -20.46	64.00 4.37 -18.80	62.27 4.24 -18.00	60.20 3.62 -22.05	48.46 3.28 -13.35	42.62 3.28 -8.66	41.46 3.07 -8.87
KEDC_GLWD_GT5 24220	37.67 2.50 -7.74	33.74 2.46 -4.28	30.69 2.36 -2.18	30.54 2.35 -2.05	30.36 2.45 -0.97	35.99 2.65 -5.74	48.06 2.97 -13.16	50.49 3.47 -12.01	49.04 3.51 -11.44	47.65 3.45 -13.40	43.57 3.45 -9.35	40.89 3.41 -6.77	36.79 3.40 -3.02	35.29 3.27 -2.85	36.30 3.20 -4.76	42.32 3.27 -9.54	54.48 3.20 -20.54	62.22 4.04 -20.46	64.00 4.37 -18.80	62.27 4.24 -18.00	60.20 3.62 -22.05	48.46 3.28 -13.35	42.62 3.28 -8.66	41.46 3.07 -8.87
KENSICO____ 23655	31.35 1.89 -2.02	28.86 1.86 0.00	27.99 1.83 0.00	28.01 1.83 -0.05	28.82 1.89 0.00	32.74 2.04 -3.09	45.42 2.49 -10.99	47.20 2.91 -9.28	44.39 2.97 -7.33	35.48 2.71 -1.97	35.11 2.74 -1.61	33.88 2.70 -0.48	33.07 2.70 0.00	31.78 2.60 0.00	30.91 2.58 0.00	33.49 2.60 -1.40	37.18 2.70 -3.74	45.52 3.39 -4.41	47.09 3.67 -2.59	44.63 3.60 -1.01	42.73 3.07 -5.14	42.22 2.77 -7.62	36.71 2.61 -3.43	35.48 2.39 -3.56
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	31.08 1.76 -1.88	28.75 1.75 0.00	27.88 1.73 0.00	27.91 1.72 -0.05	28.71 1.78 0.00	32.44 1.96 -2.87	44.68 2.49 -10.25	46.54 2.87 -8.65	43.72 2.80 -6.84	35.04 2.40 -1.84	34.64 2.37 -1.50	33.42 2.27 -0.44	32.31 1.94 0.00	31.02 1.84 0.00	30.21 1.87 0.00	32.72 1.92 -1.30	36.34 2.12 -3.49	44.62 2.79 -4.11	46.38 3.14 -2.41	43.93 2.96 -0.94	42.14 2.83 -4.79	41.49 2.55 -7.11	36.27 2.39 -3.20	35.01 2.16 -3.32

KIAC_JFK_GT1 23816	31.60 2.14 -2.02	29.05 2.05 0.00	28.22 2.07 0.00	28.22 2.04 -0.05	29.01 2.07 0.00	32.99 2.29 -3.09	45.82 2.87 -11.01	47.75 3.43 -9.30	45.00 3.55 -7.36	43.36 3.17 -9.39	43.27 3.20 -9.30	42.95 3.16 -9.09	42.94 3.16 -9.42	42.60 3.03 -10.38	42.66 2.98 -11.35	42.72 3.01 -10.22	47.02 3.23 -13.05	50.86 4.07 -9.06	55.07 4.41 -9.84	49.27 4.32 -4.92	43.38 3.69 -5.16	42.76 3.28 -7.65	38.39 3.01 -4.71	35.90 2.81 -3.57
KIAC_JFK_GT2 23817	31.60 2.14 -2.02	29.05 2.05 0.00	28.22 2.07 0.00	28.22 2.04 -0.05	29.01 2.07 0.00	32.99 2.29 -3.09	45.82 2.87 -11.01	47.75 3.43 -9.30	45.00 3.55 -7.36	43.36 3.17 -9.39	43.27 3.20 -9.30	42.95 3.16 -9.09	42.94 3.16 -9.42	42.60 3.03 -10.38	42.66 2.98 -11.35	42.72 3.01 -10.22	47.02 3.23 -13.05	50.86 4.07 -9.06	55.07 4.41 -9.84	49.27 4.32 -4.92	43.38 3.69 -5.16	42.76 3.28 -7.65	38.39 3.01 -4.71	35.90 2.81 -3.57
KIAC_JFK____ 323774	31.61 2.14 -2.02	29.05 2.05 0.00	28.20 2.04 0.00	28.20 2.01 -0.05	29.01 2.07 0.00	32.99 2.29 -3.09	45.83 2.88 -11.01	47.76 3.47 -9.28	44.98 3.55 -7.35	43.36 3.17 -9.38	43.27 3.20 -9.30	42.95 3.16 -9.09	42.94 3.16 -9.42	42.60 3.03 -10.38	42.66 2.97 -11.35	42.73 3.01 -10.22	47.02 3.23 -13.05	50.86 4.08 -9.06	55.07 4.41 -9.84	49.27 4.32 -4.92	43.37 3.70 -5.15	42.75 3.28 -7.64	38.39 3.01 -4.71	35.91 2.81 -3.57
KINTIGH____ 23543	26.06 -1.67 -0.29	25.19 -1.81 0.00	24.41 -1.75 0.00	24.29 -1.86 -0.01	25.00 -1.94 0.00	26.78 -1.27 -0.45	31.99 -1.53 -1.59	34.29 -2.07 -1.34	33.07 -2.08 -1.06	29.39 -1.69 -0.28	29.37 -1.63 -0.23	29.09 -1.69 -0.07	28.21 -2.16 0.00	27.22 -1.96 0.00	26.38 -1.96 0.00	27.87 -1.83 -0.20	29.56 -1.72 -0.54	36.09 -2.26 -0.64	38.38 -2.82 -0.37	37.33 -2.84 -0.15	32.95 -2.31 -0.74	30.90 -2.04 -1.10	29.24 -1.93 -0.50	28.69 -1.36 -0.52
KNTFSRNC_46_KV_46KV_LOAD 80397	27.47 0.03 0.00	26.92 -0.08 0.00	25.95 -0.21 0.00	25.87 -0.26 0.00	26.59 -0.35 0.00	27.00 -0.61 0.00	31.01 -0.93 0.00	33.93 -1.09 0.00	32.79 -1.30 0.00	29.60 -1.20 0.00	29.48 -1.29 0.00	29.48 -1.23 0.00	29.18 -1.18 0.00	27.95 -1.23 0.00	27.14 -1.19 0.00	28.47 -1.03 0.00	29.45 -1.29 0.00	36.29 -1.43 0.00	39.44 -1.39 0.00	38.78 -1.24 0.00	33.63 -0.90 0.00	30.94 -0.89 0.00	29.97 -0.71 0.00	28.91 -0.62 0.00
LACHUTE____HYDRO 323717	32.41 2.44 -2.53	29.45 2.46 0.00	28.46 2.30 0.00	28.52 2.33 -0.06	29.36 2.43 0.00	33.40 1.93 -3.86	48.16 2.46 -13.76	49.24 2.70 -11.52	46.06 2.86 -9.11	35.74 2.49 -2.45	34.90 2.12 -2.01	33.36 2.06 -0.59	32.06 1.70 0.00	30.93 1.75 0.00	30.06 1.73 0.00	33.10 1.86 -1.74	37.96 2.55 -4.67	46.43 3.20 -5.50	47.81 3.75 -3.23	44.60 3.32 -1.25	44.01 3.11 -6.38	43.97 2.67 -9.46	37.42 2.48 -4.26	36.34 2.36 -4.45
LAWRNCV_115KV_TB1 80681	26.67 -0.77 0.00	26.16 -0.84 0.00	25.32 -0.84 0.00	25.32 -0.81 0.00	26.02 -0.92 0.00	26.37 -1.24 0.00	30.43 -1.50 0.00	33.44 -1.58 0.00	32.52 -1.57 0.00	29.32 -1.48 0.00	29.41 -1.35 0.00	29.48 -1.23 0.00	29.30 -1.06 0.00	28.13 -1.05 0.00	27.31 -1.02 0.00	28.44 -1.06 0.00	29.23 -1.51 0.00	35.91 -1.81 0.00	38.99 -1.84 0.00	38.30 -1.72 0.00	33.14 -1.38 0.00	30.46 -1.37 0.00	29.54 -1.13 0.00	28.47 -1.06 0.00
LEDERLE____ 23769	31.29 1.89 -1.95	28.86 1.86 0.00	27.99 1.83 0.00	27.99 1.80 -0.05	28.79 1.86 0.00	32.61 2.02 -2.99	45.04 2.46 -10.65	46.84 2.84 -8.99	44.02 2.83 -7.10	35.30 2.59 -1.91	34.94 2.62 -1.56	33.75 2.58 -0.46	32.92 2.55 0.00	31.66 2.48 0.00	30.77 2.44 0.00	33.30 2.45 -1.35	36.91 2.55 -3.62	45.20 3.21 -4.27	46.84 3.51 -2.51	44.40 3.40 -0.98	42.40 2.90 -4.98	41.82 2.61 -7.38	36.48 2.48 -3.32	35.25 2.27 -3.45
LIGHTHSE_115KV_TB6 355974	27.04 -0.58 -0.18	26.40 -0.59 0.00	25.56 -0.60 0.00	25.54 -0.60 0.00	26.37 -0.57 0.00	27.49 -0.39 -0.27	32.60 -0.29 -0.96	35.51 -0.32 -0.81	34.42 -0.31 -0.64	30.70 -0.28 -0.17	30.57 -0.34 -0.14	30.29 -0.46 -0.04	29.79 -0.58 0.00	28.63 -0.55 0.00	27.80 -0.54 0.00	29.03 -0.59 -0.12	30.66 -0.40 -0.33	37.76 -0.34 -0.38	40.72 -0.33 -0.23	39.79 -0.32 -0.09	34.59 -0.38 -0.45	32.14 -0.35 -0.66	30.57 -0.40 -0.30	29.43 -0.41 -0.31
LINDEN COGEN____ 23786	31.38 1.92 -2.02	28.86 1.86 0.00	27.99 1.83 0.00	27.99 1.80 -0.05	28.85 1.91 0.00	32.77 2.07 -3.09	45.44 2.49 -11.01	47.31 3.01 -9.28	44.54 3.10 -7.35	43.01 2.83 -9.38	42.93 2.86 -9.30	42.61 2.82 -9.09	42.61 2.82 -9.42	42.27 2.71 -10.38	42.34 2.66 -11.35	42.40 2.68 -10.22	46.59 2.80 -13.05	50.29 3.51 -9.06	54.46 3.80 -9.84	48.62 3.68 -4.92	42.85 3.17 -5.15	42.37 2.90 -7.64	38.11 2.73 -4.71	35.64 2.54 -3.57
LINDHRST_69_KV_BK1 356055	38.03 2.85 -7.74	34.09 2.81 -4.28	31.08 2.75 -2.18	30.90 2.72 -2.05	30.73 2.83 -0.97	36.35 3.01 -5.74	48.80 3.70 -13.16	51.32 4.27 -12.03	49.81 4.26 -11.46	48.05 3.85 -13.40	43.97 3.85 -9.36	41.26 3.78 -6.78	37.12 3.73 -3.02	35.65 3.62 -2.85	36.64 3.54 -4.77	42.67 3.63 -9.54	55.22 3.93 -20.55	63.12 4.94 -20.46	65.02 5.39 -18.81	63.23 5.20 -18.01	61.05 4.45 -22.07	49.24 4.04 -13.37	43.06 3.71 -8.67	41.88 3.48 -8.87
LIPA_MISC_IPP 23656	38.14 2.96 -7.74	34.17 2.89 -4.28	31.19 2.85 -2.18	31.03 2.85 -2.05	30.84 2.94 -0.97	36.46 3.12 -5.74	48.96 3.86 -13.16	51.49 4.45 -12.03	49.98 4.43 -11.46	48.15 3.94 -13.40	44.03 3.91 -9.36	41.29 3.81 -6.78	37.19 3.80 -3.03	35.68 3.65 -2.85	36.70 3.60 -4.77	42.70 3.66 -9.55	55.31 4.03 -20.55	63.35 5.17 -20.46	65.30 5.67 -18.81	63.47 5.44 -18.01	61.22 4.63 -22.07	49.34 4.14 -13.37	43.12 3.77 -8.67	42.00 3.60 -8.87
LISF____SOLAR 323691	38.19 3.02 -7.74	34.25 2.97 -4.28	31.19 2.85 -2.18	31.04 2.85 -2.05	30.87 2.96 -0.97	36.52 3.17 -5.74	49.02 3.93 -13.16	51.58 4.55 -12.01	50.04 4.50 -11.45	48.18 3.97 -13.40	44.10 3.97 -9.36	41.35 3.87 -6.78	37.25 3.86 -3.03	35.74 3.71 -2.85	36.73 3.63 -4.77	42.79 3.75 -9.55	55.40 4.12 -20.55	63.50 5.32 -20.46	65.39 5.76 -18.81	63.59 5.56 -18.01	61.31 4.73 -22.06	49.42 4.23 -13.35	43.18 3.83 -8.67	42.06 3.66 -8.87
LITTLE FALLS____HYD 24013	27.58 0.14 0.00	27.05 0.05 0.00	26.16 0.00 0.00	26.08 -0.05 0.00	26.88 -0.05 0.00	27.64 0.03 0.00	31.94 0.00 0.00	35.02 0.00 0.00	34.12 0.03 0.00	30.80 0.00 0.00	30.80 0.03 0.00	30.67 -0.03 0.00	30.27 -0.09 0.00	29.06 -0.12 0.00	28.22 -0.11 0.00	29.35 -0.15 0.00	30.65 -0.09 0.00	37.68 -0.04 0.00	40.86 0.04 0.00	40.10 0.08 0.00	34.59 0.07 0.00	31.99 0.16 0.00	30.80 0.12 0.00	29.65 0.12 0.00
LITTLRIV_115KV_TB1 356100	27.00 -0.44 0.00	26.48 -0.51 0.00	25.61 -0.55 0.00	25.66 -0.47 0.00	26.34 -0.59 0.00	26.72 -0.88 0.00	30.95 -0.99 0.00	34.04 -0.98 0.00	33.10 -0.99 0.00	29.85 -0.95 0.00	29.88 -0.89 0.00	29.91 -0.80 0.00	29.76 -0.61 0.00	28.57 -0.61 0.00	27.74 -0.60 0.00	28.85 -0.65 0.00	29.69 -1.05 0.00	36.48 -1.24 0.00	39.64 -1.18 0.00	38.98 -1.04 0.00	33.69 -0.83 0.00	30.94 -0.89 0.00	29.94 -0.74 0.00	28.82 -0.71 0.00

LI_NEWBRDGE___DRP 323616	37.48 2.30 -7.74	33.55 2.27 -4.28	30.56 2.22 -2.18	30.41 2.22 -2.05	30.20 2.29 -0.97	35.80 2.46 -5.74	48.07 2.97 -13.16	50.48 3.43 -12.03	49.03 3.48 -11.46	47.38 3.17 -13.40	43.33 3.20 -9.36	40.65 3.16 -6.78	36.55 3.16 -3.03	35.10 3.06 -2.85	36.11 3.00 -4.77	42.08 3.04 -9.55	54.48 3.20 -20.55	62.18 4.00 -20.46	63.92 4.29 -18.81	62.23 4.20 -18.01	60.18 3.59 -22.07	48.48 3.28 -13.37	42.42 3.07 -8.68	41.26 2.86 -8.87
LOCKPORT_115KV_TB60_63_64 80432	25.61 -2.14 -0.31	25.08 -1.92 0.00	24.27 -1.88 0.00	24.16 -1.99 -0.01	24.83 -2.10 0.00	26.42 -1.66 -0.47	31.57 -2.04 -1.68	33.81 -2.63 -1.42	32.59 -2.62 -1.12	28.92 -2.19 -0.30	28.89 -2.12 -0.25	28.60 -2.18 -0.07	28.00 -2.37 0.00	27.08 -2.10 0.00	26.21 -2.13 0.00	27.38 -2.33 -0.21	29.13 -2.18 -0.57	35.57 -2.83 -0.67	37.71 -3.51 -0.40	36.66 -3.52 -0.15	32.41 -2.90 -0.79	30.45 -2.55 -1.16	28.78 -2.42 -0.52	28.36 -1.71 -0.55
LOCKPORT___CC1 323769	25.61 -2.14 -0.31	25.11 -1.89 0.00	24.09 -2.07 0.00	24.10 -2.04 -0.01	24.75 -2.18 0.00	26.40 -1.68 -0.47	31.58 -2.04 -1.69	33.71 -2.73 -1.42	32.55 -2.66 -1.12	28.92 -2.19 -0.30	28.89 -2.12 -0.25	28.60 -2.18 -0.07	28.00 -2.37 0.00	27.08 -2.10 0.00	26.18 -2.15 0.00	27.38 -2.33 -0.21	29.10 -2.21 -0.57	35.49 -2.90 -0.68	37.67 -3.55 -0.40	36.62 -3.56 -0.15	32.38 -2.93 -0.79	30.42 -2.58 -1.17	28.62 -2.58 -0.53	28.36 -1.71 -0.55
LOCKPORT___CC2 323770	25.61 -2.14 -0.31	25.11 -1.89 0.00	24.09 -2.07 0.00	24.10 -2.04 -0.01	24.75 -2.18 0.00	26.40 -1.68 -0.47	31.58 -2.04 -1.69	33.71 -2.73 -1.42	32.55 -2.66 -1.12	28.92 -2.19 -0.30	28.89 -2.12 -0.25	28.60 -2.18 -0.07	28.00 -2.37 0.00	27.08 -2.10 0.00	26.18 -2.15 0.00	27.38 -2.33 -0.21	29.10 -2.21 -0.57	35.49 -2.90 -0.68	37.67 -3.55 -0.40	36.62 -3.56 -0.15	32.38 -2.93 -0.79	30.42 -2.58 -1.17	28.62 -2.58 -0.53	28.36 -1.71 -0.55
LOCKPORT___CC3 323771	25.61 -2.14 -0.31	25.11 -1.89 0.00	24.09 -2.07 0.00	24.10 -2.04 -0.01	24.75 -2.18 0.00	26.40 -1.68 -0.47	31.58 -2.04 -1.69	33.71 -2.73 -1.42	32.55 -2.66 -1.12	28.92 -2.19 -0.30	28.89 -2.12 -0.25	28.60 -2.18 -0.07	28.00 -2.37 0.00	27.08 -2.10 0.00	26.18 -2.15 0.00	27.38 -2.33 -0.21	29.10 -2.21 -0.57	35.49 -2.90 -0.68	37.67 -3.55 -0.40	36.62 -3.56 -0.15	32.38 -2.93 -0.79	30.42 -2.58 -1.17	28.62 -2.58 -0.53	28.36 -1.71 -0.55
LONG_LAKE_PHOENIX 24014	26.90 -0.74 -0.20	26.24 -0.76 0.00	25.43 -0.73 0.00	25.38 -0.76 0.00	26.21 -0.73 0.00	27.33 -0.58 -0.30	32.43 -0.57 -1.07	35.26 -0.67 -0.91	34.12 -0.68 -0.72	30.38 -0.62 -0.19	30.28 -0.65 -0.16	30.01 -0.74 -0.05	29.51 -0.85 0.00	28.36 -0.82 0.00	27.54 -0.79 0.00	28.81 -0.83 -0.14	30.46 -0.65 -0.37	37.47 -0.68 -0.43	40.34 -0.73 -0.25	39.36 -0.76 -0.10	34.30 -0.72 -0.50	31.91 -0.67 -0.74	30.30 -0.71 -0.34	29.23 -0.65 -0.35
LOVETT___3 23632	31.32 1.89 -1.99	28.86 1.86 0.00	27.99 1.83 0.00	28.01 1.83 -0.05	28.82 1.89 0.00	32.68 2.04 -3.03	45.22 2.46 -10.82	46.99 2.84 -9.14	44.11 2.80 -7.22	35.30 2.56 -1.94	34.94 2.58 -1.58	33.75 2.58 -0.47	32.95 2.58 0.00	31.69 2.51 0.00	30.80 2.47 0.00	33.35 2.48 -1.37	36.97 2.55 -3.68	45.27 3.21 -4.34	46.84 3.47 -2.55	44.38 3.36 -0.99	42.48 2.90 -5.06	41.95 2.61 -7.51	36.54 2.48 -3.38	35.31 2.27 -3.51
LOVETT___4 23642	31.32 1.89 -1.99	28.86 1.86 0.00	27.99 1.83 0.00	28.01 1.83 -0.05	28.82 1.89 0.00	32.68 2.04 -3.03	45.22 2.46 -10.82	46.99 2.84 -9.14	44.11 2.80 -7.22	35.30 2.56 -1.94	34.94 2.58 -1.58	33.75 2.58 -0.47	32.95 2.58 0.00	31.69 2.51 0.00	30.80 2.47 0.00	33.35 2.48 -1.37	36.97 2.55 -3.68	45.27 3.21 -4.34	46.84 3.47 -2.55	44.38 3.36 -0.99	42.48 2.90 -5.06	41.95 2.61 -7.51	36.54 2.48 -3.38	35.31 2.27 -3.51
LOVETT___5 23593	31.32 1.89 -1.99	28.86 1.86 0.00	27.99 1.83 0.00	28.01 1.83 -0.05	28.82 1.89 0.00	32.68 2.04 -3.03	45.22 2.46 -10.82	46.99 2.84 -9.14	44.11 2.80 -7.22	35.30 2.56 -1.94	34.94 2.58 -1.58	33.75 2.58 -0.47	32.95 2.58 0.00	31.69 2.51 0.00	30.80 2.47 0.00	33.35 2.48 -1.37	36.97 2.55 -3.68	45.27 3.21 -4.34	46.84 3.47 -2.55	44.38 3.36 -0.99	42.48 2.90 -5.06	41.95 2.61 -7.51	36.54 2.48 -3.38	35.31 2.27 -3.51
LOWER RAQUET___HYD 24057	26.59 -0.88 -0.03	26.08 -0.92 0.00	25.27 -0.89 0.00	25.25 -0.89 0.00	25.94 -1.00 0.00	26.28 -1.38 -0.05	30.49 -1.63 -0.18	33.49 -1.68 -0.15	32.51 -1.70 -0.12	29.23 -1.60 -0.03	29.32 -1.48 -0.03	29.39 -1.32 -0.01	29.21 -1.15 0.00	28.04 -1.14 0.00	27.23 -1.11 0.00	28.34 -1.18 -0.02	29.17 -1.63 -0.06	35.83 -1.96 -0.07	38.87 -2.00 -0.04	38.20 -1.84 -0.02	33.09 -1.52 -0.08	30.46 -1.50 -0.12	29.53 -1.20 -0.06	28.43 -1.15 -0.06
LOWER___HUDSON 24059	31.46 1.54 -2.48	28.54 1.54 0.00	27.62 1.46 0.00	27.66 1.46 -0.06	28.47 1.53 0.00	32.94 1.55 -3.79	47.25 1.79 -13.52	48.50 2.27 -11.21	45.16 2.21 -8.85	35.21 2.03 -2.38	34.71 2.00 -1.94	33.28 1.99 -0.58	32.25 1.88 0.00	31.05 1.87 0.00	30.15 1.82 0.00	33.05 1.86 -1.69	37.29 2.03 -4.52	45.58 2.53 -5.33	46.73 2.78 -3.13	43.92 2.68 -1.22	43.07 2.35 -6.20	43.13 2.10 -9.20	36.84 2.02 -4.14	35.86 2.01 -4.33
LOWVILLE_115KV_TB2 356335	27.39 -0.14 -0.08	26.81 -0.19 0.00	25.98 -0.18 0.00	25.95 -0.18 0.00	26.96 0.03 0.00	27.90 0.17 -0.13	32.87 0.48 -0.45	36.03 0.63 -0.38	35.04 0.65 -0.30	31.41 0.52 -0.08	31.27 0.43 -0.07	31.03 0.31 -0.02	30.55 0.18 0.00	29.35 0.18 0.00	28.48 0.14 0.00	29.56 0.00 -0.06	31.11 0.22 -0.15	38.39 0.49 -0.18	41.54 0.61 -0.11	40.91 0.84 -0.04	35.39 0.66 -0.21	32.62 0.48 -0.31	31.15 0.34 -0.14	29.94 0.27 -0.15
LUTHERFT_115KV_GLOB_FND_222 355753	31.66 1.70 -2.52	28.70 1.70 0.00	27.81 1.65 0.00	27.84 1.65 -0.06	28.63 1.70 0.00	33.04 1.57 -3.85	47.56 1.88 -13.74	48.79 2.17 -11.60	45.41 2.15 -9.17	35.15 1.88 -2.47	34.58 1.82 -2.00	33.08 1.78 -0.59	32.03 1.67 0.00	30.81 1.63 0.00	29.95 1.62 0.00	32.91 1.68 -1.73	37.38 2.00 -4.64	45.68 2.49 -5.47	46.81 2.78 -3.21	43.89 2.60 -1.26	43.29 2.35 -6.42	43.46 2.10 -9.53	36.93 1.96 -4.29	35.85 1.89 -4.43
LUTHERNY_35_KV_BK2 355980	31.69 1.73 -2.52	28.73 1.73 0.00	27.83 1.67 0.00	27.87 1.67 -0.06	28.66 1.72 0.00	33.04 1.57 -3.85	47.56 1.88 -13.74	48.83 2.21 -11.60	45.44 2.18 -9.17	35.18 1.91 -2.47	34.58 1.82 -2.00	33.08 1.78 -0.59	32.03 1.67 0.00	30.84 1.66 0.00	29.98 1.64 0.00	32.94 1.71 -1.73	37.41 2.03 -4.64	45.72 2.53 -5.47	46.85 2.82 -3.21	43.93 2.64 -1.26	43.29 2.35 -6.42	43.46 2.10 -9.53	36.96 1.99 -4.29	35.88 1.92 -4.43
LWR___OSWEGATCHIE_HYD 23850	26.82 -0.69 -0.06	26.27 -0.73 0.00	25.43 -0.73 0.00	25.43 -0.71 0.00	26.23 -0.70 0.00	26.93 -0.77 -0.09	31.51 -0.77 -0.34	34.56 -0.74 -0.28	33.60 -0.72 -0.22	30.15 -0.71 -0.06	30.11 -0.71 -0.05	30.01 -0.71 -0.01	29.67 -0.70 0.00	28.51 -0.67 0.00	27.65 -0.68 0.00	28.78 -0.77 -0.04	29.99 -0.86 -0.11	36.95 -0.91 -0.14	40.00 -0.90 -0.08	39.33 -0.72 -0.03	34.06 -0.62 -0.16	31.36 -0.70 -0.23	30.14 -0.64 -0.11	28.99 -0.65 -0.11

LYONS_FALL_HYD 23570	27.79 0.27 -0.08	27.24 0.24 0.00	26.39 0.23 0.00	26.37 0.23 0.00	27.34 0.40 0.00	28.25 0.52 -0.12	33.22 0.86 -0.42	36.39 1.02 -0.36	35.43 1.06 -0.28	31.74 0.86 -0.08	31.63 0.80 -0.06	31.40 0.67 -0.02	30.94 0.58 0.00	29.73 0.55 0.00	28.87 0.54 0.00	30.00 0.44 -0.05	31.56 0.68 -0.14	38.91 1.02 -0.17	42.06 1.14 -0.10	41.34 1.28 -0.04	35.75 1.03 -0.20	32.98 0.86 -0.29	31.57 0.77 -0.13	30.29 0.62 -0.14
MADISON___COUNTY_LFGE 323628	28.43 0.85 -0.13	27.83 0.84 0.00	26.97 0.81 0.00	26.95 0.81 0.00	27.85 0.92 0.00	28.92 1.10 -0.21	34.17 1.50 -0.73	37.32 1.68 -0.62	36.22 1.64 -0.49	32.35 1.42 -0.13	32.23 1.35 -0.11	31.97 1.23 -0.03	31.52 1.15 0.00	30.26 1.08 0.00	29.38 1.05 0.00	30.63 1.03 -0.09	32.31 1.32 -0.25	39.79 1.77 -0.30	42.92 1.92 -0.17	41.97 1.88 -0.07	36.42 1.55 -0.34	33.71 1.37 -0.51	32.07 1.17 -0.23	30.86 1.09 -0.24
MALONE___115KV_TB1 356076	27.25 -0.19 0.00	26.70 -0.30 0.00	25.77 -0.39 0.00	25.72 -0.42 0.00	26.42 -0.51 0.00	26.83 -0.77 0.00	30.82 -1.12 0.00	33.79 -1.23 0.00	32.73 -1.36 0.00	29.54 -1.26 0.00	29.48 -1.29 0.00	29.51 -1.20 0.00	29.27 -1.09 0.00	28.07 -1.11 0.00	27.26 -1.08 0.00	28.50 -1.00 0.00	29.45 -1.29 0.00	36.21 -1.51 0.00	39.35 -1.47 0.00	38.70 -1.32 0.00	33.56 -0.97 0.00	30.84 -0.99 0.00	29.88 -0.80 0.00	28.82 -0.71 0.00
MAPLEWOD_115KV_TB3 80458	31.50 1.59 -2.47	28.59 1.59 0.00	27.70 1.54 0.00	27.74 1.54 -0.06	28.52 1.59 0.00	33.01 1.63 -3.77	47.10 1.72 -13.44	48.15 1.79 -11.35	44.73 1.67 -8.97	34.81 1.60 -2.41	34.35 1.63 -1.95	32.91 1.63 -0.58	31.88 1.52 0.00	30.70 1.52 0.00	29.81 1.47 0.00	32.69 1.50 -1.69	36.80 1.54 -4.52	45.05 2.00 -5.33	46.12 2.16 -3.13	43.34 2.08 -1.23	42.60 1.80 -6.28	42.78 1.62 -9.32	36.50 1.63 -4.19	35.54 1.65 -4.35
MAPLE_RIDGE_WT_1 323574	26.73 -0.71 0.00	26.32 -0.67 0.00	25.58 -0.58 0.00	25.58 -0.55 0.00	26.40 -0.54 0.00	27.03 -0.58 0.00	31.26 -0.67 0.00	34.32 -0.70 0.00	33.41 -0.68 0.00	30.19 -0.62 0.00	30.15 -0.62 0.00	30.06 -0.65 0.00	29.70 -0.67 0.00	28.45 -0.73 0.00	27.57 -0.76 0.00	28.71 -0.80 0.00	29.85 -0.89 0.00	36.70 -1.02 0.00	39.84 -0.98 0.00	39.14 -0.88 0.00	33.80 -0.73 0.00	31.16 -0.67 0.00	30.12 -0.55 0.00	29.03 -0.50 0.00
MAPLE_RIDGE_WT_2 323611	26.73 -0.71 0.00	26.32 -0.67 0.00	25.58 -0.58 0.00	25.58 -0.55 0.00	26.40 -0.54 0.00	27.03 -0.58 0.00	31.26 -0.67 0.00	34.32 -0.70 0.00	33.41 -0.68 0.00	30.19 -0.62 0.00	30.15 -0.62 0.00	30.06 -0.65 0.00	29.70 -0.67 0.00	28.45 -0.73 0.00	27.57 -0.76 0.00	28.71 -0.80 0.00	29.85 -0.89 0.00	36.70 -1.02 0.00	39.84 -0.98 0.00	39.14 -0.88 0.00	33.80 -0.73 0.00	31.16 -0.67 0.00	30.12 -0.55 0.00	29.03 -0.50 0.00
MARBLE_RIVER_WT_PWR 323696	27.03 -0.41 0.00	26.48 -0.51 0.00	25.58 -0.58 0.00	25.45 -0.68 0.00	26.15 -0.78 0.00	26.53 -1.08 0.00	30.50 -1.44 0.00	33.37 -1.65 0.00	32.28 -1.81 0.00	29.11 -1.69 0.00	29.02 -1.75 0.00	29.02 -1.69 0.00	28.75 -1.61 0.00	27.58 -1.60 0.00	26.78 -1.56 0.00	28.00 -1.50 0.00	28.95 -1.78 0.00	35.61 -2.11 0.00	38.70 -2.12 0.00	38.02 -2.00 0.00	32.97 -1.55 0.00	30.37 -1.46 0.00	29.45 -1.23 0.00	28.38 -1.15 0.00
MARSHVLE_115KV_TB1 80742	32.52 2.20 -2.89	29.24 2.24 0.00	28.33 2.17 0.00	28.38 2.17 -0.07	29.20 2.26 0.00	34.48 2.46 -4.41	50.67 3.00 -15.73	51.52 3.22 -13.28	47.69 3.10 -10.50	36.27 2.65 -2.82	35.54 2.46 -2.31	33.72 2.33 -0.68	32.64 2.28 0.00	31.40 2.22 0.00	30.52 2.18 0.00	33.83 2.33 -2.00	38.90 2.80 -5.37	47.71 3.66 -6.33	48.62 4.08 -3.72	45.27 3.80 -1.44	45.22 3.35 -7.35	45.95 3.21 -10.91	38.50 2.91 -4.91	37.37 2.72 -5.12
MARSH_HILL_WT_PWR 323713	27.94 0.03 -0.47	27.40 0.41 0.00	26.18 0.03 0.00	26.25 0.10 -0.01	27.47 0.54 0.00	28.91 0.58 -0.72	35.41 0.89 -2.58	38.24 1.05 -2.17	36.69 0.88 -1.72	32.06 0.80 -0.46	31.82 0.68 -0.38	31.31 0.49 -0.11	31.09 0.73 0.00	29.88 0.70 0.00	28.96 0.62 0.00	30.09 0.26 -0.33	32.45 0.83 -0.88	40.23 1.47 -1.04	43.19 1.75 -0.61	41.90 1.64 -0.24	37.04 1.31 -1.20	34.86 1.24 -1.79	32.43 0.95 -0.80	31.49 1.12 -0.84
MCINTYRE_115KV_TB2 80467	27.19 -0.25 0.00	26.67 -0.32 0.00	25.82 -0.34 0.00	25.87 -0.26 0.00	26.64 -0.30 0.00	27.03 -0.58 0.00	31.26 -0.67 0.00	34.42 -0.60 0.00	33.44 -0.65 0.00	30.15 -0.65 0.00	30.18 -0.58 0.00	30.15 -0.55 0.00	30.03 -0.33 0.00	28.86 -0.32 0.00	28.02 -0.31 0.00	29.18 -0.32 0.00	30.06 -0.68 0.00	36.93 -0.79 0.00	40.13 -0.69 0.00	39.46 -0.56 0.00	34.11 -0.41 0.00	31.32 -0.51 0.00	30.28 -0.40 0.00	29.11 -0.41 0.00
MECO_____69_KV_BK1 80468	33.51 3.29 -2.78	30.32 3.32 0.00	29.32 3.17 0.00	29.42 3.21 -0.07	30.28 3.34 0.00	35.41 3.56 -4.24	51.44 4.38 -15.13	52.31 4.52 -12.77	48.44 4.26 -10.09	37.12 3.60 -2.71	36.25 3.26 -2.22	34.49 3.13 -0.66	33.40 3.04 0.00	32.13 2.95 0.00	31.28 2.95 0.00	34.67 3.25 -1.93	39.99 4.09 -5.16	49.09 5.28 -6.09	50.32 5.92 -3.58	46.81 5.40 -1.39	46.46 4.87 -7.07	46.78 4.46 -10.49	39.48 4.08 -4.72	38.35 3.90 -4.93
MENANDS___115KV_TB5 355628	31.44 1.54 -2.46	28.54 1.54 0.00	27.68 1.52 0.00	27.71 1.52 -0.06	28.50 1.56 0.00	32.94 1.57 -3.76	46.98 1.63 -13.42	47.99 1.65 -11.33	44.64 1.60 -8.95	34.75 1.54 -2.41	34.29 1.57 -1.95	32.88 1.60 -0.58	31.82 1.46 0.00	30.64 1.46 0.00	29.75 1.42 0.00	32.64 1.45 -1.69	36.75 1.48 -4.53	44.88 1.81 -5.34	45.92 1.96 -3.14	43.14 1.88 -1.23	42.42 1.62 -6.27	42.60 1.46 -9.30	36.37 1.50 -4.19	35.44 1.56 -4.35
MG INDUSTRY___DRP 24185	31.28 1.43 -2.41	28.43 1.43 0.00	27.57 1.41 0.00	27.61 1.41 -0.06	28.36 1.43 0.00	32.75 1.46 -3.68	46.59 1.53 -13.12	47.60 1.51 -11.08	44.31 1.47 -8.75	34.51 1.36 -2.35	34.04 1.35 -1.92	32.62 1.35 -0.57	31.64 1.28 0.00	30.46 1.28 0.00	29.58 1.25 0.00	32.43 1.27 -1.66	36.54 1.35 -4.45	44.59 1.62 -5.25	45.66 1.76 -3.08	42.95 1.72 -1.20	42.14 1.48 -6.13	42.30 1.37 -9.10	36.18 1.41 -4.09	35.20 1.42 -4.26
MID___OSWEGATCHIE_HYD 23849	26.82 -0.69 -0.06	26.27 -0.73 0.00	25.43 -0.73 0.00	25.43 -0.71 0.00	26.23 -0.70 0.00	26.93 -0.77 -0.09	31.51 -0.77 -0.34	34.56 -0.74 -0.28	33.60 -0.72 -0.22	30.15 -0.71 -0.06	30.11 -0.71 -0.05	30.01 -0.71 -0.01	29.67 -0.70 0.00	28.51 -0.67 0.00	27.65 -0.68 0.00	28.78 -0.77 -0.04	29.99 -0.86 -0.11	36.95 -0.91 -0.14	40.00 -0.90 -0.08	39.33 -0.72 -0.03	34.06 -0.62 -0.16	31.36 -0.70 -0.23	30.14 -0.64 -0.11	28.99 -0.65 -0.11
MID___RAQUETTE_HYD 23851	26.60 -0.88 -0.03	26.08 -0.92 0.00	25.22 -0.94 0.00	25.25 -0.89 0.00	25.91 -1.02 0.00	26.28 -1.38 -0.05	30.49 -1.63 -0.18	33.49 -1.68 -0.15	32.51 -1.70 -0.12	29.23 -1.60 -0.03	29.32 -1.48 -0.03	29.39 -1.32 -0.01	29.21 -1.15 0.00	28.04 -1.14 0.00	27.20 -1.13 0.00	28.34 -1.18 -0.02	29.17 -1.63 -0.06	35.83 -1.96 -0.07	38.87 -2.00 -0.04	38.20 -1.84 -0.02	33.09 -1.52 -0.08	30.46 -1.50 -0.12	29.47 -1.26 -0.06	28.44 -1.15 -0.06

MILLIKEN___1 23584	28.32 0.44 -0.44	27.46 0.46 0.00	26.60 0.44 0.00	26.59 0.44 -0.01	27.45 0.51 0.00	28.97 0.69 -0.67	35.33 0.99 -2.40	38.16 1.12 -2.03	36.68 0.99 -1.60	32.09 0.86 -0.43	31.89 0.77 -0.35	31.42 0.61 -0.10	30.94 0.58 0.00	29.71 0.53 0.00	28.82 0.48 0.00	30.25 0.44 -0.31	32.39 0.83 -0.82	39.93 1.24 -0.96	42.82 1.43 -0.57	41.56 1.32 -0.22	36.68 1.04 -1.12	34.42 0.92 -1.67	32.19 0.77 -0.75	31.08 0.77 -0.78
MILLIKEN___2 23585	28.32 0.44 -0.44	27.46 0.46 0.00	26.60 0.44 0.00	26.59 0.44 -0.01	27.45 0.51 0.00	28.97 0.69 -0.67	35.33 0.99 -2.40	38.16 1.12 -2.03	36.68 0.99 -1.60	32.09 0.86 -0.43	31.89 0.77 -0.35	31.42 0.61 -0.10	30.94 0.58 0.00	29.71 0.53 0.00	28.82 0.48 0.00	30.25 0.44 -0.31	32.39 0.83 -0.82	39.93 1.24 -0.96	42.82 1.43 -0.57	41.56 1.32 -0.22	36.68 1.04 -1.12	34.42 0.92 -1.67	32.19 0.77 -0.75	31.08 0.77 -0.78
MILLIKEN___DIESEL 23629	28.32 0.44 -0.44	27.46 0.46 0.00	26.60 0.44 0.00	26.59 0.44 -0.01	27.45 0.51 0.00	28.97 0.69 -0.67	35.33 0.99 -2.40	38.16 1.12 -2.03	36.68 0.99 -1.60	32.09 0.86 -0.43	31.89 0.77 -0.35	31.42 0.61 -0.10	30.94 0.58 0.00	29.71 0.53 0.00	28.82 0.48 0.00	30.25 0.44 -0.31	32.39 0.83 -0.82	39.93 1.24 -0.96	42.82 1.43 -0.57	41.56 1.32 -0.22	36.68 1.04 -1.12	34.42 0.92 -1.67	32.19 0.77 -0.75	31.08 0.77 -0.78
MILLSEAT___LFGE 323607	26.12 -1.62 -0.30	25.59 -1.41 0.00	24.59 -1.57 0.00	24.60 -1.54 -0.01	25.27 -1.67 0.00	26.99 -1.08 -0.46	32.37 -1.21 -1.65	34.69 -1.71 -1.39	33.45 -1.74 -1.10	29.65 -1.45 -0.30	29.59 -1.41 -0.24	29.27 -1.50 -0.07	28.57 -1.79 0.00	27.60 -1.58 0.00	26.72 -1.61 0.00	28.00 -1.71 -0.21	29.85 -1.44 -0.56	36.53 -1.85 -0.66	38.97 -2.25 -0.39	37.73 -2.44 -0.15	33.29 -2.00 -0.77	31.19 -1.78 -1.14	29.35 -1.84 -0.51	28.97 -1.09 -0.54
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	31.29 1.84 -2.01	28.81 1.81 0.00	27.94 1.78 0.00	27.96 1.78 -0.05	28.77 1.83 0.00	32.67 1.99 -3.07	45.30 2.40 -10.96	47.07 2.80 -9.26	44.23 2.83 -7.32	35.36 2.59 -1.97	34.99 2.62 -1.60	33.76 2.58 -0.47	32.95 2.58 0.00	31.66 2.48 0.00	30.80 2.47 0.00	33.37 2.48 -1.39	37.05 2.58 -3.73	45.36 3.24 -4.40	46.92 3.51 -2.58	44.47 3.44 -1.01	42.58 2.93 -5.12	42.11 2.67 -7.60	36.61 2.52 -3.42	35.42 2.33 -3.55
MILLWOOD_13_KV_LOAD 356217	31.35 1.89 -2.01	28.86 1.86 0.00	27.99 1.83 0.00	28.01 1.83 -0.05	28.79 1.86 0.00	32.70 2.02 -3.07	45.36 2.46 -10.96	47.14 2.87 -9.26	44.34 2.93 -7.32	35.45 2.68 -1.97	35.08 2.71 -1.60	33.82 2.64 -0.47	33.01 2.64 0.00	31.75 2.57 0.00	30.86 2.52 0.00	33.43 2.54 -1.39	37.14 2.67 -3.73	45.47 3.36 -4.40	47.04 3.63 -2.58	44.55 3.52 -1.01	42.69 3.04 -5.12	42.17 2.74 -7.60	36.67 2.58 -3.42	35.48 2.39 -3.55
MODEL_CITY_ENERGY 24167	25.37 -2.39 -0.31	24.89 -2.11 0.00	23.86 -2.30 0.00	23.87 -2.27 -0.01	24.48 -2.45 0.00	26.15 -1.93 -0.48	31.24 -2.40 -1.70	33.34 -3.12 -1.44	32.19 -3.03 -1.14	28.61 -2.49 -0.31	28.59 -2.43 -0.25	28.29 -2.49 -0.07	27.66 -2.70 0.00	26.76 -2.42 0.00	25.90 -2.44 0.00	27.12 -2.60 -0.22	28.80 -2.52 -0.58	35.08 -3.32 -0.68	37.23 -4.00 -0.40	36.18 -4.00 -0.16	32.04 -3.28 -0.80	30.08 -2.93 -1.18	28.32 -2.88 -0.53	28.07 -2.01 -0.55
MODERN_LFGE___ 323580	25.37 -2.39 -0.31	24.89 -2.11 0.00	23.86 -2.30 0.00	23.87 -2.27 -0.01	24.48 -2.45 0.00	26.15 -1.93 -0.48	31.24 -2.40 -1.70	33.34 -3.12 -1.44	32.19 -3.03 -1.14	28.61 -2.49 -0.31	28.59 -2.43 -0.25	28.29 -2.49 -0.07	27.66 -2.70 0.00	26.76 -2.42 0.00	25.90 -2.44 0.00	27.12 -2.60 -0.22	28.80 -2.52 -0.58	35.08 -3.32 -0.68	37.23 -4.00 -0.40	36.18 -4.00 -0.16	32.04 -3.28 -0.80	30.08 -2.93 -1.18	28.32 -2.88 -0.53	28.07 -2.01 -0.55
MOHAWK_PAPER___DRP 24187	31.50 1.59 -2.47	28.59 1.59 0.00	27.70 1.54 0.00	27.74 1.54 -0.06	28.52 1.59 0.00	33.01 1.63 -3.77	47.10 1.72 -13.44	48.15 1.79 -11.35	44.73 1.67 -8.97	34.81 1.60 -2.41	34.35 1.63 -1.95	32.91 1.63 -0.58	31.88 1.52 0.00	30.70 1.52 0.00	29.81 1.47 0.00	32.69 1.50 -1.69	36.80 1.54 -4.52	45.05 2.00 -5.33	46.12 2.16 -3.13	43.34 2.08 -1.23	42.60 1.80 -6.28	42.78 1.62 -9.32	36.50 1.63 -4.19	35.54 1.65 -4.35
MOHICAN__35_KV_115KV_LD 80490	31.78 1.81 -2.53	28.78 1.78 0.00	27.88 1.73 0.00	27.95 1.75 -0.06	28.71 1.78 0.00	32.76 1.30 -3.86	47.32 1.63 -13.76	48.52 1.89 -11.61	45.11 1.84 -9.18	34.84 1.57 -2.47	34.21 1.45 -2.00	32.68 1.38 -0.59	31.61 1.24 0.00	30.46 1.28 0.00	29.61 1.28 0.00	32.59 1.36 -1.73	37.17 1.78 -4.65	45.46 2.26 -5.48	46.65 2.61 -3.22	43.65 2.36 -1.26	43.09 2.14 -6.43	43.22 1.85 -9.54	36.69 1.72 -4.29	35.59 1.62 -4.44
MONGAUP___HYD 23641	30.76 1.51 -1.81	28.48 1.48 0.00	27.57 1.41 0.00	27.59 1.41 -0.05	28.44 1.51 0.00	32.04 1.66 -2.77	43.57 1.76 -9.88	45.34 1.99 -8.33	42.58 1.91 -6.58	34.14 1.57 -1.77	34.00 1.78 -1.45	32.85 1.72 -0.43	32.00 1.64 0.00	30.78 1.60 0.00	29.92 1.59 0.00	32.44 1.68 -1.25	35.73 1.63 -3.36	43.83 2.15 -3.96	45.64 2.49 -2.33	43.21 2.28 -0.90	41.06 1.93 -4.61	40.39 1.72 -6.84	35.65 1.90 -3.08	34.21 1.48 -3.20
MONTAUK___DIESEL 23721	38.74 3.57 -7.74	34.79 3.51 -4.28	31.76 3.43 -2.18	31.61 3.42 -2.05	31.35 3.45 -0.97	36.96 3.62 -5.74	49.63 4.53 -13.16	52.23 5.18 -12.03	50.67 5.11 -11.46	48.67 4.47 -13.40	44.49 4.37 -9.36	41.69 4.21 -6.78	37.52 4.13 -3.03	36.00 3.97 -2.85	37.01 3.91 -4.77	43.15 4.10 -9.55	55.86 4.58 -20.55	64.22 6.04 -20.46	66.32 6.70 -18.81	64.44 6.40 -18.01	61.98 5.39 -22.07	50.00 4.81 -13.37	43.67 4.33 -8.67	42.50 4.10 -8.87
MOONROAD_115KV_HARTFLD_TB1-2 355988	25.61 -2.20 -0.37	25.49 -1.51 0.00	24.72 -1.44 0.00	24.78 -1.36 -0.01	25.40 -1.54 0.00	26.54 -1.63 -0.56	32.34 -1.60 -2.00	34.74 -1.96 -1.69	33.48 -1.94 -1.33	29.56 -1.60 -0.36	29.49 -1.57 -0.29	29.19 -1.60 -0.09	29.27 -1.09 0.00	28.25 -0.93 0.00	27.34 -0.99 0.00	27.95 -1.80 -0.25	29.85 -1.57 -0.68	36.79 -1.74 -0.80	39.09 -2.20 -0.47	37.93 -2.28 -0.18	33.66 -1.80 -0.93	31.69 -1.53 -1.39	29.80 -1.50 -0.62	29.32 -0.86 -0.65
MORTIMER_115KV_TB3 55949	26.73 -0.99 -0.27	25.86 -1.13 0.00	25.06 -1.10 0.00	24.97 -1.18 -0.01	25.72 -1.21 0.00	27.42 -0.61 -0.42	32.82 -0.61 -1.50	35.40 -0.88 -1.26	34.13 -0.95 -1.00	30.27 -0.80 -0.27	30.22 -0.77 -0.22	29.94 -0.83 -0.06	29.09 -1.28 0.00	28.01 -1.17 0.00	27.17 -1.16 0.00	28.66 -1.03 -0.19	30.48 -0.77 -0.51	37.34 -0.98 -0.60	39.99 -1.18 -0.35	38.80 -1.36 -0.14	34.08 -1.14 -0.70	31.88 -0.99 -1.04	30.13 -1.01 -0.47	29.39 -0.62 -0.49
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	31.50 2.03 -2.02	29.00 2.00 0.00	28.15 1.99 0.00	28.14 1.96 -0.05	28.96 2.02 0.00	32.91 2.21 -3.09	45.60 2.65 -11.02	47.47 3.15 -9.30	44.69 3.24 -7.37	43.29 2.96 -9.54	43.21 2.98 -9.45	42.91 2.95 -9.26	42.92 2.95 -9.61	42.60 2.83 -10.59	42.69 2.78 -11.58	42.70 2.80 -10.39	46.93 2.95 -13.24	50.57 3.70 -9.16	54.81 4.00 -9.98	48.90 3.88 -5.00	43.00 3.31 -5.16	42.51 3.02 -7.65	38.27 2.85 -4.74	35.73 2.63 -3.57

MUNSVILLE_WIND_PWR 323609	30.64 2.55 -0.65	29.48 2.48 0.00	28.41 2.25 0.00	28.42 2.27 -0.02	29.47 2.53 0.00	31.48 2.87 -1.00	39.35 3.86 -3.55	42.42 4.41 -3.00	40.61 4.16 -2.37	34.89 3.45 -0.64	34.58 3.29 -0.52	33.87 3.01 -0.15	33.16 2.79 0.00	31.98 2.80 0.00	31.03 2.69 0.00	32.64 2.68 -0.45	35.45 3.50 -1.21	44.09 4.94 -1.43	47.25 5.59 -0.84	45.83 5.48 -0.33	40.70 4.52 -1.66	38.40 4.11 -2.46	35.59 3.80 -1.11	34.17 3.48 -1.15
N SALMON___HYD 24042	27.25 -0.19 0.00	26.70 -0.30 0.00	25.82 -0.34 0.00	25.74 -0.39 0.00	26.45 -0.48 0.00	26.83 -0.77 0.00	30.82 -1.12 0.00	33.79 -1.23 0.00	32.72 -1.36 0.00	29.54 -1.26 0.00	29.48 -1.29 0.00	29.51 -1.20 0.00	29.27 -1.09 0.00	28.07 -1.11 0.00	27.26 -1.08 0.00	28.50 -1.00 0.00	29.45 -1.29 0.00	36.21 -1.51 0.00	39.36 -1.47 0.00	38.70 -1.32 0.00	33.56 -0.97 0.00	30.84 -0.99 0.00	29.91 -0.77 0.00	28.82 -0.71 0.00
N.AKRON__115KV_KNAPP 355671	26.13 -1.62 -0.30	25.54 -1.46 0.00	24.75 -1.41 0.00	24.63 -1.52 -0.01	25.35 -1.59 0.00	26.97 -1.10 -0.46	32.35 -1.25 -1.66	34.73 -1.68 -1.40	33.46 -1.74 -1.10	29.62 -1.48 -0.30	29.60 -1.42 -0.24	29.24 -1.54 -0.07	28.57 -1.79 0.00	27.60 -1.58 0.00	26.75 -1.59 0.00	28.00 -1.71 -0.21	29.86 -1.44 -0.56	36.54 -1.85 -0.66	38.89 -2.33 -0.39	37.69 -2.48 -0.15	33.26 -2.04 -0.77	31.20 -1.78 -1.15	29.47 -1.72 -0.52	28.97 -1.09 -0.54
N.BELMOR_69_KV_BK1 55787	37.65 2.47 -7.74	33.71 2.43 -4.28	30.74 2.41 -2.18	30.56 2.38 -2.05	30.36 2.45 -0.97	35.97 2.62 -5.74	48.29 3.19 -13.16	50.72 3.68 -12.03	49.26 3.72 -11.46	47.59 3.39 -13.40	43.51 3.38 -9.35	40.83 3.35 -6.78	36.73 3.34 -3.02	35.24 3.21 -2.85	36.27 3.17 -4.77	42.26 3.22 -9.54	54.69 3.41 -20.54	62.33 4.15 -20.46	64.12 4.49 -18.80	62.43 4.40 -18.00	60.32 3.73 -22.07	48.73 3.53 -13.36	42.63 3.28 -8.67	41.46 3.07 -8.86
N.E_GEN_SANDY PD 24062	36.36 1.73 -7.19	34.61 1.73 -5.88	33.51 1.65 -5.70	33.28 1.65 -5.50	34.33 1.73 -5.67	37.25 1.82 -7.82	47.93 2.17 -13.83	52.70 2.45 -15.23	49.09 2.46 -12.54	42.24 2.25 -9.19	42.44 2.24 -9.42	41.00 2.24 -8.05	40.00 2.22 -7.42	40.00 2.16 -8.66	39.28 2.10 -8.85	43.00 2.13 -11.37	50.29 2.24 -17.31	59.00 2.79 -18.49	55.00 3.02 -11.16	52.04 2.96 -9.06	50.07 2.52 -13.03	46.29 2.32 -12.14	41.77 2.21 -8.88	38.85 2.10 -7.23
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	31.28 1.87 -1.97	28.83 1.84 0.00	27.96 1.80 0.00	27.99 1.80 -0.05	28.79 1.86 0.00	32.63 2.02 -3.01	45.13 2.46 -10.74	46.88 2.80 -9.06	44.05 2.80 -7.16	35.28 2.56 -1.93	34.92 2.58 -1.57	33.72 2.55 -0.47	32.92 2.55 0.00	31.66 2.48 0.00	30.77 2.44 0.00	33.31 2.45 -1.36	36.91 2.52 -3.65	45.23 3.21 -4.31	46.82 3.47 -2.53	44.37 3.36 -0.98	42.41 2.87 -5.02	41.89 2.61 -7.44	36.48 2.45 -3.35	35.28 2.27 -3.48
N.QUEENS_27_KV_LOAD 356247	31.58 2.11 -2.02	29.08 2.08 0.00	28.22 2.07 0.00	28.22 2.04 -0.05	29.09 2.15 0.00	33.02 2.32 -3.09	45.73 2.78 -11.01	47.57 3.26 -9.30	44.86 3.41 -7.36	43.42 3.17 -9.45	43.33 3.20 -9.37	43.03 3.16 -9.16	43.03 3.16 -9.50	42.72 3.06 -10.47	42.79 3.00 -11.45	42.83 3.04 -10.29	47.07 3.20 -13.13	50.82 4.00 -9.10	55.01 4.29 -9.90	49.18 4.20 -4.95	43.27 3.59 -5.16	42.72 3.25 -7.65	38.46 3.07 -4.72	35.85 2.75 -3.57
N.TROY___115KV_TB1 355778	31.46 1.54 -2.48	28.54 1.54 0.00	27.65 1.49 0.00	27.69 1.49 -0.06	28.47 1.54 0.00	32.95 1.55 -3.79	47.25 1.79 -13.52	48.71 2.28 -11.42	45.36 2.25 -9.02	35.26 2.03 -2.43	34.71 2.00 -1.94	33.28 2.00 -0.58	32.25 1.88 0.00	31.05 1.87 0.00	30.15 1.81 0.00	33.05 1.86 -1.69	37.29 2.03 -4.52	45.61 2.56 -5.33	46.73 2.78 -3.13	43.95 2.68 -1.24	43.19 2.35 -6.32	43.31 2.10 -9.38	36.92 2.02 -4.22	35.86 2.01 -4.33
NARROWS_GT1_1 24228	31.75 2.28 -2.03	29.19 2.19 -0.01	28.31 2.15 -0.01	28.34 2.14 -0.06	29.18 2.23 -0.01	33.11 2.40 -3.10	45.86 2.91 -11.02	47.77 3.47 -9.29	47.58 3.55 -9.95	43.46 3.20 -9.45	47.53 3.23 -13.54	47.53 3.19 -13.63	47.53 3.19 -13.98	42.73 3.06 -10.48	42.79 3.00 -11.46	47.53 3.07 -14.96	55.18 3.26 -21.19	58.13 4.08 -16.33	141.24 4.41 -96.00	82.71 4.28 -38.40	52.38 3.70 -14.16	42.83 3.34 -7.66	38.54 3.13 -4.74	36.04 2.92 -3.58
NARROWS_GT1_2 24229	31.75 2.28 -2.03	29.19 2.19 -0.01	28.31 2.15 -0.01	28.34 2.14 -0.06	29.18 2.23 -0.01	33.11 2.40 -3.10	45.86 2.91 -11.02	47.77 3.47 -9.29	47.58 3.55 -9.95	43.46 3.20 -9.45	47.53 3.23 -13.54	47.53 3.19 -13.63	47.53 3.19 -13.98	42.73 3.06 -10.48	42.79 3.00 -11.46	47.53 3.07 -14.96	55.18 3.26 -21.19	58.13 4.08 -16.33	141.24 4.41 -96.00	82.71 4.28 -38.40	52.38 3.70 -14.16	42.83 3.34 -7.66	38.54 3.13 -4.74	36.04 2.92 -3.58
NARROWS_GT1_3 24230	31.75 2.28 -2.03	29.19 2.19 -0.01	28.31 2.15 -0.01	28.34 2.14 -0.06	29.18 2.23 -0.01	33.11 2.40 -3.10	45.86 2.91 -11.02	47.77 3.47 -9.29	47.58 3.55 -9.95	43.46 3.20 -9.45	47.53 3.23 -13.54	47.53 3.19 -13.63	47.53 3.19 -13.98	42.73 3.06 -10.48	42.79 3.00 -11.46	47.53 3.07 -14.96	55.18 3.26 -21.19	58.13 4.08 -16.33	141.24 4.41 -96.00	82.71 4.28 -38.40	52.38 3.70 -14.16	42.83 3.34 -7.66	38.54 3.13 -4.74	36.04 2.92 -3.58
NARROWS_GT1_4 24231	31.75 2.28 -2.03	29.19 2.19 -0.01	28.31 2.15 -0.01	28.34 2.14 -0.06	29.18 2.23 -0.01	33.11 2.40 -3.10	45.86 2.91 -11.02	47.77 3.47 -9.29	47.58 3.55 -9.95	43.46 3.20 -9.45	47.53 3.23 -13.54	47.53 3.19 -13.63	47.53 3.19 -13.98	42.73 3.06 -10.48	42.79 3.00 -11.46	47.53 3.07 -14.96	55.18 3.26 -21.19	58.13 4.08 -16.33	141.24 4.41 -96.00	82.71 4.28 -38.40	52.38 3.70 -14.16	42.83 3.34 -7.66	38.54 3.13 -4.74	36.04 2.92 -3.58
NARROWS_GT1_5 24232	31.75 2.28 -2.03	29.19 2.19 -0.01	28.31 2.15 -0.01	28.34 2.14 -0.06	29.18 2.23 -0.01	33.11 2.40 -3.10	45.86 2.91 -11.02	47.77 3.47 -9.29	47.58 3.55 -9.95	43.46 3.20 -9.45	47.53 3.23 -13.54	47.53 3.19 -13.63	47.53 3.19 -13.98	42.73 3.06 -10.48	42.79 3.00 -11.46	47.53 3.07 -14.96	55.18 3.26 -21.19	58.13 4.08 -16.33	141.24 4.41 -96.00	82.71 4.28 -38.40	52.38 3.70 -14.16	42.83 3.34 -7.66	38.54 3.13 -4.74	36.04 2.92 -3.58
NARROWS_GT1_6 24233	31.75 2.28 -2.03	29.19 2.19 -0.01	28.31 2.15 -0.01	28.34 2.14 -0.06	29.18 2.23 -0.01	33.11 2.40 -3.10	45.86 2.91 -11.02	47.77 3.47 -9.29	47.58 3.55 -9.95	43.46 3.20 -9.45	47.53 3.23 -13.54	47.53 3.19 -13.63	47.53 3.19 -13.98	42.73 3.06 -10.48	42.79 3.00 -11.46	47.53 3.07 -14.96	55.18 3.26 -21.19	58.13 4.08 -16.33	141.24 4.41 -96.00	82.71 4.28 -38.40	52.38 3.70 -14.16	42.83 3.34 -7.66	38.54 3.13 -4.74	36.04 2.92 -3.58
NARROWS_GT1_7 24234	31.75 2.28 -2.03	29.19 2.19 -0.01	28.31 2.15 -0.01	28.34 2.14 -0.06	29.18 2.23 -0.01	33.11 2.40 -3.10	45.86 2.91 -11.02	47.77 3.47 -9.29	47.58 3.55 -9.95	43.46 3.20 -9.45	47.53 3.23 -13.54	47.53 3.19 -13.63	47.53 3.19 -13.98	42.73 3.06 -10.48	42.79 3.00 -11.46	47.53 3.07 -14.96	55.18 3.26 -21.19	58.13 4.08 -16.33	141.24 4.41 -96.00	82.71 4.28 -38.40	52.38 3.70 -14.16	42.83 3.34 -7.66	38.54 3.13 -4.74	36.04 2.92 -3.58

NARROWS_GT1_8 24235	31.75 2.28 -2.03	29.19 2.19 -0.01	28.31 2.15 -0.01	28.34 2.14 -0.06	29.18 2.23 -0.01	33.11 2.40 -3.10	45.86 2.91 -11.02	47.77 3.47 -9.29	47.58 3.55 -9.95	43.46 3.20 -9.45	47.53 3.23 -13.54	47.53 3.19 -13.63	47.53 3.19 -13.98	42.73 3.06 -10.48	42.79 3.00 -11.46	47.53 3.07 -14.96	55.18 3.26 -21.19	58.13 4.08 -16.33	141.24 4.41 -96.00	82.71 4.28 -38.40	52.38 3.70 -14.16	42.83 3.34 -7.66	38.54 3.13 -4.74	36.04 2.92 -3.58
NARROWS_GT2_1 24236	31.75 2.28 -2.03	29.19 2.19 -0.01	28.31 2.15 -0.01	28.34 2.14 -0.06	29.18 2.23 -0.01	33.11 2.40 -3.10	45.86 2.91 -11.02	47.77 3.47 -9.29	47.58 3.55 -9.95	43.46 3.20 -9.45	47.53 3.23 -13.54	47.53 3.19 -13.63	47.53 3.19 -13.98	42.73 3.06 -10.48	42.79 3.00 -11.46	47.53 3.07 -14.96	55.18 3.26 -21.19	58.13 4.08 -16.33	141.24 4.41 -96.00	82.71 4.28 -38.40	52.38 3.70 -14.16	42.83 3.34 -7.66	38.54 3.13 -4.74	36.04 2.92 -3.58
NARROWS_GT2_2 24237	31.75 2.28 -2.03	29.19 2.19 -0.01	28.31 2.15 -0.01	28.34 2.14 -0.06	29.18 2.23 -0.01	33.11 2.40 -3.10	45.86 2.91 -11.02	47.77 3.47 -9.29	47.58 3.55 -9.95	43.46 3.20 -9.45	47.53 3.23 -13.54	47.53 3.19 -13.63	47.53 3.19 -13.98	42.73 3.06 -10.48	42.79 3.00 -11.46	47.53 3.07 -14.96	55.18 3.26 -21.19	58.13 4.08 -16.33	141.24 4.41 -96.00	82.71 4.28 -38.40	52.38 3.70 -14.16	42.83 3.34 -7.66	38.54 3.13 -4.74	36.04 2.92 -3.58
NARROWS_GT2_3 24238	31.75 2.28 -2.03	29.19 2.19 -0.01	28.31 2.15 -0.01	28.34 2.14 -0.06	29.18 2.23 -0.01	33.11 2.40 -3.10	45.86 2.91 -11.02	47.77 3.47 -9.29	47.58 3.55 -9.95	43.46 3.20 -9.45	47.53 3.23 -13.54	47.53 3.19 -13.63	47.53 3.19 -13.98	42.73 3.06 -10.48	42.79 3.00 -11.46	47.53 3.07 -14.96	55.18 3.26 -21.19	58.13 4.08 -16.33	141.24 4.41 -96.00	82.71 4.28 -38.40	52.38 3.70 -14.16	42.83 3.34 -7.66	38.54 3.13 -4.74	36.04 2.92 -3.58
NARROWS_GT2_4 24239	31.75 2.28 -2.03	29.19 2.19 -0.01	28.31 2.15 -0.01	28.34 2.14 -0.06	29.18 2.23 -0.01	33.11 2.40 -3.10	45.86 2.91 -11.02	47.77 3.47 -9.29	47.58 3.55 -9.95	43.46 3.20 -9.45	47.53 3.23 -13.54	47.53 3.19 -13.63	47.53 3.19 -13.98	42.73 3.06 -10.48	42.79 3.00 -11.46	47.53 3.07 -14.96	55.18 3.26 -21.19	58.13 4.08 -16.33	141.24 4.41 -96.00	82.71 4.28 -38.40	52.38 3.70 -14.16	42.83 3.34 -7.66	38.54 3.13 -4.74	36.04 2.92 -3.58
NARROWS_GT2_5 24240	31.75 2.28 -2.03	29.19 2.19 -0.01	28.31 2.15 -0.01	28.34 2.14 -0.06	29.18 2.23 -0.01	33.11 2.40 -3.10	45.86 2.91 -11.02	47.77 3.47 -9.29	47.58 3.55 -9.95	43.46 3.20 -9.45	47.53 3.23 -13.54	47.53 3.19 -13.63	47.53 3.19 -13.98	42.73 3.06 -10.48	42.79 3.00 -11.46	47.53 3.07 -14.96	55.18 3.26 -21.19	58.13 4.08 -16.33	141.24 4.41 -96.00	82.71 4.28 -38.40	52.38 3.70 -14.16	42.83 3.34 -7.66	38.54 3.13 -4.74	36.04 2.92 -3.58
NARROWS_GT2_6 24241	31.75 2.28 -2.03	29.19 2.19 -0.01	28.31 2.15 -0.01	28.34 2.14 -0.06	29.18 2.23 -0.01	33.11 2.40 -3.10	45.86 2.91 -11.02	47.77 3.47 -9.29	47.58 3.55 -9.95	43.46 3.20 -9.45	47.53 3.23 -13.54	47.53 3.19 -13.63	47.53 3.19 -13.98	42.73 3.06 -10.48	42.79 3.00 -11.46	47.53 3.07 -14.96	55.18 3.26 -21.19	58.13 4.08 -16.33	141.24 4.41 -96.00	82.71 4.28 -38.40	52.38 3.70 -14.16	42.83 3.34 -7.66	38.54 3.13 -4.74	36.04 2.92 -3.58
NARROWS_GT2_7 24242	31.75 2.28 -2.03	29.19 2.19 -0.01	28.31 2.15 -0.01	28.34 2.14 -0.06	29.18 2.23 -0.01	33.11 2.40 -3.10	45.86 2.91 -11.02	47.77 3.47 -9.29	47.58 3.55 -9.95	43.46 3.20 -9.45	47.53 3.23 -13.54	47.53 3.19 -13.63	47.53 3.19 -13.98	42.73 3.06 -10.48	42.79 3.00 -11.46	47.53 3.07 -14.96	55.18 3.26 -21.19	58.13 4.08 -16.33	141.24 4.41 -96.00	82.71 4.28 -38.40	52.38 3.70 -14.16	42.83 3.34 -7.66	38.54 3.13 -4.74	36.04 2.92 -3.58
NARROWS_GT2_8 24243	31.75 2.28 -2.03	29.19 2.19 -0.01	28.31 2.15 -0.01	28.34 2.14 -0.06	29.18 2.23 -0.01	33.11 2.40 -3.10	45.86 2.91 -11.02	47.77 3.47 -9.29	47.58 3.55 -9.95	43.46 3.20 -9.45	47.53 3.23 -13.54	47.53 3.19 -13.63	47.53 3.19 -13.98	42.73 3.06 -10.48	42.79 3.00 -11.46	47.53 3.07 -14.96	55.18 3.26 -21.19	58.13 4.08 -16.33	141.24 4.41 -96.00	82.71 4.28 -38.40	52.38 3.70 -14.16	42.83 3.34 -7.66	38.54 3.13 -4.74	36.04 2.92 -3.58
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	31.74 1.98 -2.32	29.24 2.24 0.00	28.30 2.14 0.00	28.34 2.14 -0.06	29.17 2.24 0.00	33.20 2.04 -3.55	46.63 2.04 -12.65	47.58 1.89 -10.68	44.20 1.67 -8.44	34.46 1.39 -2.27	33.94 1.32 -1.85	32.54 1.29 -0.55	31.70 1.34 0.00	30.49 1.31 0.00	29.70 1.36 0.00	32.40 1.30 -1.60	36.50 1.48 -4.29	44.55 1.77 -5.06	45.96 2.16 -2.97	43.10 1.92 -1.16	42.09 1.66 -5.91	42.10 1.50 -8.77	36.19 1.56 -3.95	35.28 1.65 -4.10
NCHELSEA_115KV_TR2 355582	31.40 1.95 -2.01	28.94 1.94 0.00	28.07 1.91 0.00	28.09 1.91 -0.05	28.90 1.97 0.00	32.78 2.10 -3.07	45.44 2.55 -10.95	47.16 2.91 -9.24	44.29 2.90 -7.30	35.35 2.59 -1.96	34.95 2.58 -1.60	33.70 2.52 -0.47	32.85 2.49 0.00	31.57 2.39 0.00	30.72 2.38 0.00	33.31 2.42 -1.39	37.04 2.58 -3.72	45.35 3.24 -4.39	46.99 3.59 -2.58	44.43 3.40 -1.00	42.57 2.93 -5.11	42.09 2.67 -7.59	36.61 2.52 -3.42	35.41 2.33 -3.55
NEG CAPITAL___MECHNVIL 23645	31.68 1.73 -2.51	28.73 1.73 0.00	27.78 1.62 0.00	27.82 1.62 -0.06	28.63 1.70 0.00	33.07 1.63 -3.84	47.56 1.95 -13.68	48.72 2.31 -11.39	45.34 2.25 -9.00	35.25 2.03 -2.42	34.69 1.94 -1.98	33.23 1.94 -0.59	32.19 1.82 0.00	30.96 1.78 0.00	30.09 1.76 0.00	33.05 1.83 -1.72	37.49 2.15 -4.60	45.82 2.68 -5.42	46.99 2.98 -3.18	44.06 2.80 -1.24	43.32 2.49 -6.30	43.41 2.23 -9.36	37.00 2.11 -4.21	35.96 2.04 -4.40
NEG CENTRAL_HIGH_ACRES 23767	26.39 -1.32 -0.27	25.57 -1.43 0.00	24.88 -1.28 0.00	24.89 -1.25 -0.01	25.43 -1.51 0.00	27.05 -0.97 -0.41	32.45 -0.96 -1.47	35.03 -1.23 -1.24	33.81 -1.26 -0.98	29.96 -1.11 -0.26	29.88 -1.11 -0.22	29.57 -1.20 -0.06	28.75 -1.61 0.00	27.69 -1.49 0.00	26.83 -1.50 0.00	28.30 -1.39 -0.19	30.13 -1.11 -0.50	36.95 -1.36 -0.59	39.66 -1.51 -0.35	38.48 -1.68 -0.13	33.76 -1.45 -0.69	31.54 -1.31 -1.02	29.72 -1.41 -0.46	28.97 -1.03 -0.48
NEG CENTRAL___DRP 24199	27.55 -0.19 -0.30	26.86 -0.13 0.00	26.03 -0.13 0.00	25.99 -0.16 -0.01	26.85 -0.08 0.00	28.23 0.17 -0.46	33.89 0.32 -1.63	36.71 0.32 -1.38	35.42 0.24 -1.09	31.34 0.25 -0.29	31.16 0.15 -0.24	30.81 0.03 -0.07	30.30 -0.06 0.00	29.12 -0.06 0.00	28.25 -0.09 0.00	29.56 -0.15 -0.21	31.48 0.18 -0.56	38.75 0.38 -0.66	41.66 0.45 -0.39	40.49 0.32 -0.15	35.49 0.21 -0.76	33.19 0.22 -1.13	31.28 0.09 -0.51	30.24 0.18 -0.53
NEG CENTRAL___INDECK 23768	28.01 0.17 -0.41	27.24 0.24 0.00	26.26 0.11 0.00	26.30 0.16 -0.01	27.18 0.24 0.00	28.92 0.69 -0.62	35.34 1.18 -2.22	38.08 1.19 -1.87	36.52 0.95 -1.48	31.94 0.74 -0.40	31.71 0.62 -0.33	31.32 0.52 -0.10	30.73 0.37 0.00	29.56 0.38 0.00	28.68 0.34 0.00	30.14 0.36 -0.28	32.54 1.05 -0.76	40.23 1.62 -0.89	43.27 1.92 -0.52	41.83 1.60 -0.20	36.84 1.28 -1.04	34.55 1.18 -1.54	32.23 0.86 -0.69	31.37 1.12 -0.72

NEG CENTRAL___SENECA 23627	27.74 -0.03 -0.33	27.05 0.05 0.00	26.21 0.05 0.00	26.17 0.03 -0.01	27.04 0.11 0.00	28.47 0.36 -0.50	34.28 0.54 -1.80	37.13 0.60 -1.52	35.73 0.44 -1.20	31.62 0.49 -0.32	31.43 0.40 -0.26	31.03 0.25 -0.08	30.52 0.15 0.00	29.33 0.15 0.00	28.45 0.11 0.00	29.73 0.00 -0.23	31.78 0.43 -0.61	39.08 0.64 -0.72	41.98 0.73 -0.42	40.83 0.64 -0.16	35.78 0.41 -0.84	33.56 0.48 -1.25	31.54 0.31 -0.56	30.56 0.44 -0.58
NEG CENTRAL___STATE_STREET 24147	27.54 -0.19 -0.29	26.81 -0.19 0.00	25.98 -0.18 0.00	25.93 -0.21 -0.01	26.77 -0.16 0.00	28.14 0.08 -0.45	33.78 0.26 -1.59	36.71 0.35 -1.34	35.42 0.27 -1.06	31.33 0.25 -0.29	31.15 0.15 -0.23	30.84 0.06 -0.07	30.30 -0.06 0.00	29.12 -0.06 0.00	28.25 -0.09 0.00	29.58 -0.12 -0.20	31.43 0.15 -0.54	38.74 0.38 -0.64	41.65 0.45 -0.38	40.53 0.36 -0.15	35.47 0.21 -0.74	33.13 0.19 -1.10	31.23 0.06 -0.50	30.16 0.12 -0.52
NEG MILLWOOD___DRP 24198	31.56 2.09 -2.04	29.05 2.05 0.00	28.17 2.01 0.00	28.22 2.04 -0.05	28.96 2.02 0.00	32.93 2.21 -3.11	45.71 2.68 -11.09	47.53 3.15 -9.36	44.66 3.17 -7.40	35.62 2.83 -1.99	35.22 2.83 -1.62	33.95 2.76 -0.48	33.13 2.76 0.00	31.84 2.66 0.00	30.97 2.64 0.00	33.56 2.66 -1.41	37.34 2.83 -3.77	45.75 3.58 -4.45	47.31 3.88 -2.61	44.80 3.76 -1.02	42.95 3.25 -5.18	42.45 2.93 -7.69	36.86 2.73 -3.46	35.66 2.54 -3.59
NEG NORTH_FLCN_SEA 23793	27.41 -0.03 0.00	26.89 -0.11 0.00	25.92 -0.24 0.00	25.82 -0.31 0.00	26.50 -0.43 0.00	26.92 -0.69 0.00	30.95 -0.99 0.00	33.83 -1.19 0.00	32.73 -1.36 0.00	29.51 -1.29 0.00	29.41 -1.35 0.00	29.38 -1.32 0.00	29.12 -1.24 0.00	27.93 -1.25 0.00	27.09 -1.25 0.00	28.38 -1.12 0.00	29.35 -1.38 0.00	36.10 -1.62 0.00	39.27 -1.55 0.00	38.58 -1.44 0.00	33.45 -1.07 0.00	30.81 -1.02 0.00	29.85 -0.83 0.00	28.82 -0.71 0.00
NEG NORTH_KES_CHATEGAY 23792	27.08 -0.36 0.00	26.54 -0.46 0.00	25.61 -0.55 0.00	25.51 -0.63 0.00	26.21 -0.73 0.00	26.61 -0.99 0.00	30.59 -1.34 0.00	33.48 -1.54 0.00	32.42 -1.67 0.00	29.23 -1.57 0.00	29.14 -1.63 0.00	29.14 -1.57 0.00	28.91 -1.46 0.00	27.69 -1.49 0.00	26.89 -1.45 0.00	28.17 -1.33 0.00	29.11 -1.63 0.00	35.80 -1.92 0.00	38.90 -1.92 0.00	38.26 -1.76 0.00	33.14 -1.38 0.00	30.49 -1.34 0.00	29.54 -1.13 0.00	28.49 -1.03 0.00
NEG NORTH___ALICE_FALLS 23915	27.47 0.03 0.00	26.92 -0.08 0.00	25.95 -0.21 0.00	25.87 -0.26 0.00	26.59 -0.35 0.00	27.00 -0.61 0.00	31.01 -0.93 0.00	33.93 -1.09 0.00	32.79 -1.30 0.00	29.60 -1.20 0.00	29.48 -1.29 0.00	29.48 -1.23 0.00	29.18 -1.18 0.00	27.95 -1.23 0.00	27.14 -1.19 0.00	28.47 -1.03 0.00	29.45 -1.29 0.00	36.29 -1.43 0.00	39.44 -1.39 0.00	38.78 -1.24 0.00	33.63 -0.90 0.00	30.94 -0.89 0.00	29.97 -0.71 0.00	28.91 -0.62 0.00
NEG NORTH___LWR_SARANAC 23913	27.47 0.03 0.00	26.92 -0.08 0.00	25.95 -0.21 0.00	25.87 -0.26 0.00	26.59 -0.35 0.00	27.00 -0.61 0.00	31.01 -0.93 0.00	33.93 -1.09 0.00	32.79 -1.30 0.00	29.60 -1.20 0.00	29.48 -1.29 0.00	29.48 -1.23 0.00	29.18 -1.18 0.00	27.95 -1.23 0.00	27.14 -1.19 0.00	28.47 -1.03 0.00	29.45 -1.29 0.00	36.29 -1.43 0.00	39.44 -1.39 0.00	38.78 -1.24 0.00	33.63 -0.90 0.00	30.94 -0.89 0.00	29.97 -0.71 0.00	28.91 -0.62 0.00
NEG NORTH___PLATTSBURG 23628	27.47 0.03 0.00	26.92 -0.08 0.00	26.00 -0.16 0.00	25.87 -0.26 0.00	26.61 -0.32 0.00	27.00 -0.61 0.00	31.01 -0.93 0.00	33.93 -1.09 0.00	32.79 -1.30 0.00	29.60 -1.20 0.00	29.48 -1.29 0.00	29.48 -1.23 0.00	29.18 -1.18 0.00	27.96 -1.22 0.00	27.15 -1.19 0.00	28.47 -1.03 0.00	29.45 -1.29 0.00	36.29 -1.43 0.00	39.44 -1.39 0.00	38.74 -1.28 0.00	33.63 -0.90 0.00	30.94 -0.89 0.00	30.00 -0.67 0.00	28.91 -0.62 0.00
NEG WEST_LEA_LOCKPORT 23791	25.61 -2.14 -0.31	25.08 -1.92 0.00	24.27 -1.88 0.00	24.16 -1.99 -0.01	24.83 -2.10 0.00	26.40 -1.68 -0.47	31.58 -2.04 -1.69	33.78 -2.66 -1.42	32.56 -2.66 -1.12	28.92 -2.19 -0.30	28.89 -2.12 -0.25	28.60 -2.18 -0.07	28.00 -2.37 0.00	27.08 -2.10 0.00	26.21 -2.13 0.00	27.38 -2.33 -0.21	29.10 -2.21 -0.57	35.53 -2.87 -0.68	37.67 -3.55 -0.40	36.62 -3.56 -0.15	32.38 -2.93 -0.79	30.42 -2.58 -1.17	28.78 -2.42 -0.53	28.36 -1.71 -0.55
NEG WEST___LANCASTR 23811	25.10 -2.69 -0.35	26.11 -0.89 0.00	25.27 -0.89 0.00	25.18 -0.97 -0.01	25.94 -1.00 0.00	25.91 -2.24 -0.54	31.28 -2.59 -1.93	33.60 -3.05 -1.63	32.34 -3.03 -1.29	28.56 -2.59 -0.35	28.50 -2.55 -0.28	28.21 -2.58 -0.08	29.42 -0.94 0.00	28.42 -0.76 0.00	27.48 -0.85 0.00	27.00 -2.74 -0.24	28.78 -2.61 -0.66	35.36 -3.13 -0.77	37.52 -3.76 -0.45	36.44 -3.76 -0.18	32.25 -3.18 -0.90	30.33 -2.83 -1.34	28.52 -2.76 -0.60	28.03 -2.13 -0.63
NEG_PENN_ALLEGHNY 23528	28.17 0.05 -0.68	27.24 0.24 0.00	26.21 0.05 0.00	26.20 0.05 -0.02	27.18 0.24 0.00	28.95 0.30 -1.04	36.12 0.48 -3.70	38.63 0.49 -3.12	37.00 0.44 -2.47	31.86 0.40 -0.66	31.68 0.37 -0.54	31.14 0.28 -0.16	30.73 0.37 0.00	29.56 0.38 0.00	28.68 0.34 0.00	30.09 0.12 -0.47	32.37 0.37 -1.26	39.81 0.60 -1.49	42.31 0.61 -0.87	40.92 0.56 -0.34	36.70 0.45 -1.73	34.81 0.41 -2.56	32.10 0.28 -1.15	31.14 0.41 -1.20
NEG___GEN_MONROE 24207	26.70 -1.02 -0.28	25.89 -1.11 0.00	25.16 -0.99 0.00	25.07 -1.07 -0.01	25.83 -1.10 0.00	27.53 -0.50 -0.42	32.90 -0.54 -1.50	35.38 -0.91 -1.27	34.10 -0.99 -1.00	30.24 -0.83 -0.27	30.19 -0.80 -0.22	29.85 -0.92 -0.07	29.06 -1.31 0.00	27.98 -1.20 0.00	27.14 -1.19 0.00	28.60 -1.09 -0.19	30.45 -0.80 -0.51	37.31 -1.02 -0.60	40.03 -1.14 -0.35	38.84 -1.32 -0.14	34.16 -1.07 -0.70	31.95 -0.92 -1.04	30.19 -0.95 -0.47	29.51 -0.50 -0.49
NEPA___ENERGY 23901	25.99 -1.81 -0.36	25.84 -1.16 0.00	25.03 -1.12 0.00	24.94 -1.20 -0.01	25.70 -1.24 0.00	26.80 -1.35 -0.55	32.32 -1.56 -1.95	34.67 -2.00 -1.65	33.38 -2.01 -1.30	29.52 -1.63 -0.35	29.48 -1.57 -0.29	29.16 -1.63 -0.08	29.15 -1.21 0.00	28.16 -1.02 0.00	27.23 -1.11 0.00	27.92 -1.83 -0.25	29.74 -1.66 -0.66	36.50 -2.00 -0.78	38.71 -2.57 -0.46	37.60 -2.60 -0.18	33.29 -2.14 -0.91	31.34 -1.85 -1.35	29.47 -1.81 -0.61	29.01 -1.15 -0.63
NEVERSINK___HYD 23608	30.66 1.43 -1.79	28.40 1.40 0.00	27.49 1.33 0.00	27.51 1.33 -0.04	28.36 1.43 0.00	31.94 1.60 -2.73	43.76 2.07 -9.75	45.61 2.38 -8.22	42.90 2.32 -6.49	34.49 1.94 -1.75	34.10 1.91 -1.43	32.94 1.81 -0.42	31.18 0.82 0.00	29.94 0.76 0.00	29.13 0.79 0.00	31.56 0.82 -1.24	35.07 1.01 -3.32	43.06 1.43 -3.91	44.83 1.71 -2.30	42.44 1.52 -0.89	41.42 2.35 -4.55	40.71 2.13 -6.75	35.70 1.99 -3.04	34.46 1.77 -3.16
NEWKRMKL_115KV_TB1 55635	31.41 1.51 -2.46	28.51 1.51 0.00	27.65 1.49 0.00	27.69 1.49 -0.06	28.47 1.54 0.00	32.92 1.55 -3.76	46.86 1.50 -13.42	47.75 1.40 -11.33	44.37 1.33 -8.96	34.53 1.32 -2.41	34.08 1.35 -1.95	32.70 1.41 -0.58	31.64 1.28 0.00	30.46 1.28 0.00	29.58 1.25 0.00	32.46 1.27 -1.70	36.57 1.29 -4.54	44.62 1.55 -5.36	45.60 1.63 -3.14	42.82 1.56 -1.23	42.14 1.35 -6.27	42.35 1.21 -9.31	36.18 1.32 -4.19	35.27 1.39 -4.35

NEWTON___FALLS_HYD 23847	26.82 -0.69 -0.06	26.27 -0.73 0.00	25.43 -0.73 0.00	25.43 -0.71 0.00	26.23 -0.70 0.00	26.93 -0.77 -0.09	31.51 -0.77 -0.34	34.56 -0.74 -0.28	33.60 -0.72 -0.22	30.15 -0.71 -0.06	30.11 -0.71 -0.05	30.01 -0.71 -0.01	29.67 -0.70 0.00	28.51 -0.67 0.00	27.65 -0.68 0.00	28.78 -0.77 -0.04	29.99 -0.86 -0.11	36.95 -0.91 -0.14	40.00 -0.90 -0.08	39.33 -0.72 -0.03	34.06 -0.62 -0.16	31.36 -0.70 -0.23	30.14 -0.64 -0.11	28.99 -0.65 -0.11
NGRID_A1_DSASP 323792	25.34 -2.41 -0.31	24.57 -2.43 0.00	23.83 -2.33 0.00	23.84 -2.30 -0.01	24.38 -2.56 0.00	26.10 -1.99 -0.48	31.06 -2.59 -1.71	33.10 -3.36 -1.44	31.92 -3.31 -1.14	28.37 -2.74 -0.31	28.37 -2.65 -0.25	28.08 -2.70 -0.07	27.39 -2.97 0.00	26.50 -2.68 0.00	25.61 -2.72 0.00	26.91 -2.80 -0.22	28.55 -2.77 -0.58	34.75 -3.66 -0.69	36.82 -4.41 -0.40	35.82 -4.36 -0.16	31.73 -3.59 -0.80	29.83 -3.18 -1.18	28.11 -3.10 -0.53	27.87 -2.22 -0.56
NGRID_A2_DSASP 323793	25.34 -2.41 -0.31	24.57 -2.43 0.00	23.83 -2.33 0.00	23.84 -2.30 -0.01	24.38 -2.56 0.00	26.10 -1.99 -0.48	31.06 -2.59 -1.71	33.10 -3.36 -1.44	31.92 -3.31 -1.14	28.37 -2.74 -0.31	28.37 -2.65 -0.25	28.08 -2.70 -0.07	27.39 -2.97 0.00	26.50 -2.68 0.00	25.61 -2.72 0.00	26.91 -2.80 -0.22	28.55 -2.77 -0.58	34.75 -3.66 -0.69	36.82 -4.41 -0.40	35.82 -4.36 -0.16	31.73 -3.59 -0.80	29.83 -3.18 -1.18	28.11 -3.10 -0.53	27.87 -2.22 -0.56
NGRID_A4_DSASP 323807	25.34 -2.41 -0.31	24.57 -2.43 0.00	23.83 -2.33 0.00	23.84 -2.30 -0.01	24.38 -2.56 0.00	26.10 -1.99 -0.48	31.06 -2.59 -1.71	33.10 -3.36 -1.44	31.92 -3.31 -1.14	28.37 -2.74 -0.31	28.37 -2.65 -0.25	28.08 -2.70 -0.07	27.39 -2.97 0.00	26.50 -2.68 0.00	25.61 -2.72 0.00	26.91 -2.80 -0.22	28.55 -2.77 -0.58	34.75 -3.66 -0.69	36.82 -4.41 -0.40	35.82 -4.36 -0.16	31.73 -3.59 -0.80	29.83 -3.18 -1.18	28.11 -3.10 -0.53	27.87 -2.22 -0.56
NIAGARA_115E_LBMP 323715	25.23 -2.52 -0.32	24.76 -2.24 0.00	23.73 -2.43 0.00	23.74 -2.40 -0.01	24.35 -2.59 0.00	25.99 -2.10 -0.48	31.07 -2.59 -1.72	33.10 -3.36 -1.45	31.99 -3.24 -1.14	28.40 -2.71 -0.31	28.40 -2.62 -0.25	28.11 -2.67 -0.07	27.48 -2.89 0.00	26.58 -2.60 0.00	25.73 -2.61 0.00	26.94 -2.77 -0.22	28.59 -2.74 -0.58	34.82 -3.58 -0.69	36.94 -4.29 -0.40	35.90 -4.28 -0.16	31.80 -3.52 -0.80	29.87 -3.15 -1.19	28.14 -3.07 -0.53	27.90 -2.18 -0.56
NIAGARA_115W_LBMP 323714	25.28 -2.47 -0.31	24.51 -2.48 0.00	23.78 -2.38 0.00	23.79 -2.35 -0.01	24.32 -2.61 0.00	26.04 -2.04 -0.48	30.99 -2.65 -1.71	33.03 -3.43 -1.44	31.85 -3.38 -1.14	28.30 -2.80 -0.31	28.31 -2.71 -0.25	28.02 -2.76 -0.07	27.33 -3.04 0.00	26.44 -2.74 0.00	25.56 -2.78 0.00	26.86 -2.86 -0.22	28.46 -2.86 -0.58	34.63 -3.77 -0.69	36.74 -4.49 -0.40	35.70 -4.48 -0.16	31.66 -3.66 -0.80	29.74 -3.28 -1.18	28.05 -3.16 -0.53	27.78 -2.30 -0.56
NIAGARA_230_LBMP 323716	25.55 -2.20 -0.31	24.94 -2.05 0.00	24.04 -2.12 0.00	24.05 -2.09 -0.01	24.65 -2.29 0.00	26.31 -1.77 -0.47	31.46 -2.17 -1.69	33.54 -2.91 -1.43	32.32 -2.90 -1.13	28.76 -2.34 -0.30	28.77 -2.24 -0.25	28.48 -2.30 -0.07	27.81 -2.55 0.00	26.90 -2.28 0.00	26.01 -2.32 0.00	27.27 -2.45 -0.22	28.92 -2.40 -0.58	35.19 -3.21 -0.68	37.34 -3.88 -0.40	36.34 -3.84 -0.16	32.17 -3.14 -0.79	30.20 -2.80 -1.17	28.47 -2.73 -0.53	28.22 -1.86 -0.55
NIAGARA___115KV_198_GIBSON 55903	25.31 -2.44 -0.31	24.65 -2.35 0.00	23.86 -2.30 0.00	23.74 -2.40 -0.01	24.40 -2.53 0.00	26.04 -2.04 -0.48	30.99 -2.65 -1.71	33.06 -3.40 -1.44	31.85 -3.37 -1.14	28.30 -2.80 -0.31	28.31 -2.71 -0.25	28.02 -2.76 -0.07	27.33 -3.04 0.00	26.44 -2.74 0.00	25.59 -2.75 0.00	26.86 -2.86 -0.22	28.46 -2.86 -0.58	34.67 -3.73 -0.69	36.69 -4.53 -0.40	35.74 -4.44 -0.16	31.66 -3.66 -0.80	29.77 -3.25 -1.18	28.17 -3.04 -0.53	27.78 -2.30 -0.55
NIAGARA____ 23760	25.56 -2.20 -0.31	24.94 -2.05 0.00	24.04 -2.12 0.00	24.05 -2.09 -0.01	24.65 -2.29 0.00	26.32 -1.77 -0.48	31.47 -2.17 -1.71	33.55 -2.91 -1.44	32.33 -2.90 -1.14	28.76 -2.34 -0.31	28.77 -2.24 -0.25	28.48 -2.30 -0.07	27.81 -2.55 0.00	26.90 -2.28 0.00	26.01 -2.32 0.00	27.27 -2.45 -0.22	28.92 -2.40 -0.58	35.20 -3.21 -0.68	37.35 -3.88 -0.40	36.34 -3.84 -0.16	32.18 -3.14 -0.79	30.21 -2.80 -1.18	28.48 -2.73 -0.53	28.23 -1.86 -0.56
NINE_MILE_1 23575	26.56 -1.04 -0.16	25.94 -1.05 0.00	25.14 -1.02 0.00	25.12 -1.02 0.00	25.86 -1.08 0.00	26.91 -0.94 -0.24	31.78 -1.02 -0.87	34.60 -1.15 -0.73	33.51 -1.16 -0.58	29.91 -1.05 -0.16	29.85 -1.05 -0.13	29.64 -1.10 -0.04	29.18 -1.18 0.00	28.04 -1.14 0.00	27.23 -1.11 0.00	28.46 -1.15 -0.11	29.99 -1.05 -0.30	36.83 -1.24 -0.35	39.64 -1.39 -0.21	38.70 -1.40 -0.08	33.72 -1.21 -0.41	31.32 -1.11 -0.60	29.81 -1.13 -0.27	28.78 -1.03 -0.28
NINE_MILE_2 23744	26.56 -1.04 -0.16	25.94 -1.05 0.00	25.14 -1.02 0.00	25.12 -1.02 0.00	25.86 -1.08 0.00	26.91 -0.94 -0.24	31.78 -1.02 -0.87	34.59 -1.15 -0.73	33.51 -1.16 -0.58	29.91 -1.05 -0.16	29.85 -1.05 -0.13	29.64 -1.10 -0.04	29.18 -1.18 0.00	28.04 -1.14 0.00	27.23 -1.11 0.00	28.46 -1.15 -0.11	29.99 -1.05 -0.30	36.82 -1.24 -0.35	39.64 -1.39 -0.20	38.74 -1.36 -0.08	33.72 -1.21 -0.41	31.32 -1.11 -0.60	29.81 -1.13 -0.27	28.78 -1.03 -0.28
NM_CAPITAL___DRP 24208	31.41 1.51 -2.46	28.54 1.54 0.00	27.65 1.49 0.00	27.69 1.49 -0.06	28.47 1.54 0.00	32.91 1.55 -3.75	46.89 1.56 -13.39	47.89 1.58 -11.30	44.52 1.50 -8.93	34.65 1.45 -2.40	34.19 1.48 -1.95	32.82 1.54 -0.58	31.76 1.40 0.00	30.58 1.40 0.00	29.70 1.36 0.00	32.57 1.39 -1.69	36.67 1.41 -4.52	44.75 1.70 -5.33	45.79 1.84 -3.13	43.01 1.76 -1.23	42.30 1.52 -6.26	42.48 1.37 -9.28	36.29 1.44 -4.18	35.37 1.51 -4.33
NM_CENTRAL___DRP 24181	27.16 -0.49 -0.21	26.48 -0.51 0.00	25.66 -0.50 0.00	25.62 -0.52 -0.01	26.42 -0.51 0.00	27.58 -0.36 -0.33	32.75 -0.35 -1.17	35.62 -0.39 -0.99	34.46 -0.41 -0.78	30.64 -0.37 -0.21	30.54 -0.40 -0.17	30.26 -0.49 -0.05	29.76 -0.61 0.00	28.60 -0.58 0.00	27.77 -0.57 0.00	29.06 -0.59 -0.15	30.74 -0.40 -0.40	37.77 -0.41 -0.47	40.61 -0.49 -0.28	39.61 -0.52 -0.11	34.59 -0.48 -0.55	32.16 -0.48 -0.81	30.52 -0.52 -0.36	29.47 -0.44 -0.38
NM_FRONTIER___DRP 24179	25.31 -2.44 -0.31	24.65 -2.35 0.00	23.86 -2.30 0.00	23.74 -2.40 -0.01	24.40 -2.53 0.00	26.04 -2.04 -0.48	30.99 -2.65 -1.71	33.06 -3.40 -1.44	31.85 -3.37 -1.14	28.30 -2.80 -0.31	28.31 -2.71 -0.25	28.02 -2.76 -0.07	27.33 -3.04 0.00	26.44 -2.74 0.00	25.59 -2.75 0.00	26.86 -2.86 -0.22	28.46 -2.86 -0.58	34.67 -3.73 -0.69	36.69 -4.53 -0.40	35.74 -4.44 -0.16	31.66 -3.66 -0.80	29.77 -3.25 -1.18	28.17 -3.04 -0.53	27.78 -2.30 -0.55
NM_ST_REGIS___HYD 24053	26.67 -0.77 0.00	26.16 -0.84 0.00	25.30 -0.86 0.00	25.30 -0.84 0.00	25.97 -0.97 0.00	26.31 -1.30 0.00	30.40 -1.53 0.00	33.41 -1.61 0.00	32.42 -1.67 0.00	29.23 -1.57 0.00	29.29 -1.48 0.00	29.35 -1.35 0.00	29.15 -1.21 0.00	27.98 -1.20 0.00	27.17 -1.16 0.00	28.29 -1.21 0.00	29.11 -1.63 0.00	35.76 -1.96 0.00	38.86 -1.96 0.00	38.22 -1.80 0.00	33.07 -1.45 0.00	30.40 -1.43 0.00	29.48 -1.20 0.00	28.41 -1.12 0.00

NORTHPORT___1 23551	37.84 2.66 -7.74	33.90 2.62 -4.28	30.90 2.57 -2.18	30.75 2.56 -2.05	30.57 2.67 -0.97	36.16 2.82 -5.74	48.55 3.45 -13.16	51.02 3.99 -12.01	49.52 3.99 -11.45	47.80 3.60 -13.40	43.78 3.66 -9.36	41.11 3.62 -6.78	37.00 3.61 -3.03	35.50 3.47 -2.85	36.50 3.40 -4.77	42.50 3.45 -9.55	54.94 3.66 -20.55	62.75 4.56 -20.46	64.49 4.86 -18.81	62.79 4.76 -18.01	60.65 4.07 -22.06	48.90 3.72 -13.35	42.81 3.47 -8.67	41.65 3.25 -8.87
NORTHPORT___2 23552	37.84 2.66 -7.74	33.87 2.59 -4.28	30.93 2.59 -2.18	30.77 2.59 -2.05	30.60 2.69 -0.97	36.19 2.84 -5.74	48.55 3.45 -13.16	51.02 3.99 -12.01	49.49 3.95 -11.45	47.77 3.57 -13.40	43.78 3.66 -9.36	41.14 3.65 -6.78	37.03 3.64 -3.03	35.56 3.53 -2.85	36.56 3.46 -4.77	42.50 3.45 -9.55	54.91 3.63 -20.55	62.67 4.49 -20.46	64.36 4.73 -18.81	62.67 4.64 -18.01	60.62 4.04 -22.06	48.87 3.69 -13.35	42.78 3.43 -8.67	41.65 3.25 -8.87
NORTHPORT___3 23553	37.56 2.39 -7.74	33.63 2.35 -4.28	30.61 2.27 -2.18	30.46 2.27 -2.05	30.28 2.37 -0.97	35.88 2.54 -5.74	48.19 3.10 -13.16	50.53 3.50 -12.01	49.22 3.68 -11.45	47.53 3.33 -13.40	43.45 3.32 -9.36	40.77 3.29 -6.78	36.67 3.28 -3.03	35.18 3.15 -2.85	36.19 3.09 -4.77	42.20 3.16 -9.55	54.64 3.35 -20.55	62.26 4.08 -20.46	63.92 4.29 -18.81	62.31 4.28 -18.01	60.38 3.80 -22.06	48.62 3.44 -13.35	42.53 3.19 -8.67	41.38 2.98 -8.87
NORTHPORT___4 23650	37.56 2.39 -7.74	33.63 2.35 -4.28	30.61 2.27 -2.18	30.46 2.27 -2.05	30.28 2.37 -0.97	35.88 2.54 -5.74	48.19 3.10 -13.16	50.53 3.50 -12.01	49.22 3.68 -11.45	47.53 3.33 -13.40	43.45 3.32 -9.36	40.77 3.29 -6.78	36.67 3.28 -3.03	35.18 3.15 -2.85	36.19 3.09 -4.77	42.20 3.16 -9.55	54.64 3.35 -20.55	62.26 4.08 -20.46	63.92 4.29 -18.81	62.31 4.28 -18.01	60.38 3.80 -22.06	48.62 3.44 -13.35	42.53 3.19 -8.67	41.38 2.98 -8.87
NORTHPORT___IC 23718	37.84 2.66 -7.74	33.87 2.59 -4.28	30.93 2.59 -2.18	30.77 2.59 -2.05	30.60 2.69 -0.97	36.19 2.84 -5.74	48.55 3.45 -13.16	51.02 3.99 -12.01	49.49 3.95 -11.45	47.77 3.57 -13.40	43.78 3.66 -9.36	41.14 3.65 -6.78	37.03 3.64 -3.03	35.56 3.53 -2.85	36.56 3.46 -4.77	42.50 3.45 -9.55	54.91 3.63 -20.55	62.67 4.49 -20.46	64.36 4.73 -18.81	62.67 4.64 -18.01	60.62 4.04 -22.06	48.87 3.69 -13.35	42.78 3.43 -8.67	41.65 3.25 -8.87
NORTH___COUNTRY_ESR 323785	26.97 -0.47 0.00	26.43 -0.57 0.00	25.56 -0.60 0.00	25.43 -0.70 0.00	26.13 -0.81 0.00	26.53 -1.08 0.00	30.47 -1.47 0.00	33.37 -1.65 0.00	32.28 -1.81 0.00	29.14 -1.66 0.00	29.05 -1.72 0.00	29.05 -1.66 0.00	28.82 -1.55 0.00	27.60 -1.58 0.00	26.80 -1.53 0.00	28.06 -1.44 0.00	28.99 -1.75 0.00	35.61 -2.11 0.00	38.70 -2.12 0.00	38.06 -1.96 0.00	32.97 -1.55 0.00	30.37 -1.46 0.00	29.45 -1.23 0.00	28.38 -1.15 0.00
NPX_GEN_1385_PROXY 323591	38.17 2.99 -7.74	34.22 2.94 -4.28	31.50 3.16 -2.18	31.40 3.21 -2.05	31.30 3.39 -0.97	36.60 3.26 -5.74	48.93 3.83 -13.16	51.83 4.80 -12.01	49.94 4.40 -11.45	48.02 3.82 -13.40	44.40 4.28 -9.36	42.00 4.52 -6.78	40.00 4.55 -5.08	38.90 4.38 -5.34	41.00 4.28 -8.39	43.00 3.95 -9.55	55.16 3.87 -20.55	62.94 4.75 -20.46	64.65 5.02 -18.81	62.83 4.80 -18.01	60.62 4.04 -22.06	49.00 3.82 -13.35	43.11 3.77 -8.67	41.97 3.57 -8.87
NPX_GEN_CSC 323557	38.25 3.07 -7.74	34.28 3.00 -4.28	31.24 2.90 -2.18	31.09 2.90 -2.05	30.92 3.02 -0.97	36.57 3.23 -5.74	49.09 3.99 -13.16	51.65 4.62 -12.01	50.11 4.57 -11.45	48.24 4.03 -13.40	44.15 4.03 -9.36	41.42 3.93 -6.78	37.28 3.89 -3.03	35.80 3.77 -2.85	36.76 3.66 -4.77	42.82 3.78 -9.55	55.43 4.15 -20.55	63.58 5.39 -20.46	65.51 5.88 -18.81	63.71 5.68 -18.01	61.38 4.80 -22.06	49.48 4.30 -13.35	43.24 3.90 -8.67	42.12 3.72 -8.87
NSINS_S_GLNS_FALLS 23858	31.75 1.78 -2.53	28.78 1.78 0.00	27.86 1.70 0.00	27.92 1.72 -0.06	28.69 1.75 0.00	32.68 1.21 -3.86	47.23 1.53 -13.77	48.42 1.79 -11.62	45.01 1.74 -9.18	34.75 1.48 -2.47	34.12 1.35 -2.00	32.59 1.29 -0.59	31.52 1.15 0.00	30.35 1.17 0.00	29.50 1.16 0.00	32.48 1.24 -1.74	37.05 1.66 -4.66	45.32 2.11 -5.49	46.50 2.45 -3.22	43.49 2.20 -1.26	42.99 2.04 -6.43	43.13 1.75 -9.54	36.57 1.60 -4.30	35.48 1.51 -4.45
NUCOR_STEEL___DRP 24197	27.58 -0.14 -0.28	26.84 -0.16 0.00	26.00 -0.16 0.00	25.98 -0.16 -0.01	26.80 -0.13 0.00	28.12 0.08 -0.43	33.72 0.26 -1.53	36.55 0.25 -1.29	35.28 0.17 -1.02	31.23 0.15 -0.27	31.08 0.09 -0.22	30.77 0.00 -0.07	30.24 -0.12 0.00	29.06 -0.12 0.00	28.19 -0.14 0.00	29.52 -0.18 -0.19	31.38 0.12 -0.52	38.64 0.30 -0.61	41.51 0.33 -0.36	40.44 0.28 -0.14	35.38 0.14 -0.72	33.02 0.13 -1.06	31.18 0.03 -0.48	30.11 0.09 -0.50
NUMBER_THREE_WT_PWR 323818	27.33 -0.19 -0.08	26.75 -0.24 0.00	25.92 -0.24 0.00	25.90 -0.24 0.00	26.91 -0.03 0.00	27.85 0.11 -0.13	32.81 0.41 -0.46	35.96 0.56 -0.38	34.97 0.58 -0.30	31.31 0.43 -0.08	31.21 0.37 -0.07	30.94 0.22 -0.02	30.49 0.12 0.00	29.27 0.09 0.00	28.42 0.09 0.00	29.47 -0.09 -0.06	31.02 0.12 -0.16	38.28 0.38 -0.18	41.42 0.49 -0.11	40.79 0.72 -0.04	35.29 0.55 -0.21	32.56 0.41 -0.32	31.19 0.37 -0.14	29.85 0.18 -0.15
NYISO_LBMP_REFERENCE 24008	27.44 0.00 0.00	27.00 0.00 0.00	26.16 0.00 0.00	26.13 0.00 0.00	26.94 0.00 0.00	27.61 0.00 0.00	31.94 0.00 0.00	35.02 0.00 0.00	34.09 0.00 0.00	30.80 0.00 0.00	30.77 0.00 0.00	30.70 0.00 0.00	30.36 0.00 0.00	29.18 0.00 0.00	28.33 0.00 0.00	29.50 0.00 0.00	30.74 0.00 0.00	37.72 0.00 0.00	40.82 0.00 0.00	40.02 0.00 0.00	34.52 0.00 0.00	31.83 0.00 0.00	30.67 0.00 0.00	29.53 0.00 0.00
NYPA_BRENTWD___GT 24164	38.14 2.96 -7.74	34.20 2.92 -4.28	31.16 2.83 -2.18	31.01 2.82 -2.05	30.84 2.94 -0.97	36.46 3.12 -5.74	48.96 3.86 -13.16	51.51 4.48 -12.01	49.97 4.43 -11.45	48.18 3.97 -13.40	44.12 4.00 -9.36	41.42 3.93 -6.78	37.31 3.92 -3.03	35.80 3.77 -2.85	36.79 3.68 -4.77	42.82 3.78 -9.54	55.34 4.06 -20.55	63.31 5.13 -20.46	65.18 5.55 -18.81	63.43 5.40 -18.01	61.17 4.59 -22.06	49.35 4.17 -13.35	43.18 3.83 -8.67	42.00 3.60 -8.87
NYPA_GOWANUS___GT5 24156	31.75 2.28 -2.03	29.19 2.19 -0.01	28.31 2.15 -0.01	28.34 2.14 -0.06	29.18 2.23 -0.01	33.11 2.40 -3.10	45.86 2.91 -11.02	47.77 3.47 -9.29	47.58 3.55 -9.95	43.46 3.20 -9.45	47.53 3.23 -13.54	47.53 3.19 -13.63	47.53 3.19 -13.98	42.73 3.06 -10.48	42.79 3.00 -11.46	47.53 3.07 -14.96	55.15 3.23 -21.19	58.13 4.08 -16.33	141.24 4.41 -96.00	82.71 4.28 -38.40	52.38 3.70 -14.16	42.83 3.34 -7.66	38.54 3.13 -4.74	36.04 2.92 -3.58
NYPA_GOWANUS___GT6 24157	31.75 2.28 -2.03	29.19 2.19 -0.01	28.31 2.15 -0.01	28.34 2.14 -0.06	29.18 2.23 -0.01	33.11 2.40 -3.10	45.86 2.91 -11.02	47.77 3.47 -9.29	47.58 3.55 -9.95	43.46 3.20 -9.45	47.53 3.23 -13.54	47.53 3.19 -13.63	47.53 3.19 -13.98	42.73 3.06 -10.48	42.79 3.00 -11.46	47.53 3.07 -14.96	55.15 3.23 -21.19	58.13 4.08 -16.33	141.24 4.41 -96.00	82.71 4.28 -38.40	52.38 3.70 -14.16	42.83 3.34 -7.66	38.54 3.13 -4.74	36.04 2.92 -3.58

NYPA_HARLEM__RVR__GT1 24160	31.56 2.08 -2.03	29.06 2.05 -0.01	28.15 1.99 -0.01	28.18 1.99 -0.06	29.05 2.10 -0.01	33.00 2.29 -3.10	45.71 2.75 -11.02	47.52 3.22 -9.29	44.77 3.34 -7.34	36.79 3.08 -2.91	36.46 3.11 -2.58	35.34 3.07 -1.56	34.62 3.07 -1.19	33.44 2.95 -1.31	32.66 2.89 -1.44	34.93 2.92 -2.51	38.73 3.07 -4.92	46.57 3.85 -5.00	48.45 4.12 -3.51	45.56 4.04 -1.50	43.12 3.45 -5.15	42.61 3.15 -7.63	37.20 2.95 -3.58	35.80 2.69 -3.58
NYPA_HARLEM__RVR__GT2 24161	31.56 2.08 -2.03	29.06 2.05 -0.01	28.15 1.99 -0.01	28.18 1.99 -0.06	29.05 2.10 -0.01	33.00 2.29 -3.10	45.71 2.75 -11.02	47.52 3.22 -9.29	44.77 3.34 -7.34	36.79 3.08 -2.91	36.46 3.11 -2.58	35.34 3.07 -1.56	34.62 3.07 -1.19	33.44 2.95 -1.31	32.66 2.89 -1.44	34.93 2.92 -2.51	38.73 3.07 -4.92	46.57 3.85 -5.00	48.45 4.12 -3.51	45.56 4.04 -1.50	43.12 3.45 -5.15	42.61 3.15 -7.63	37.20 2.95 -3.58	35.80 2.69 -3.58
NYPA_KENT____GT 24152	31.69 2.22 -2.03	29.17 2.16 -0.01	28.28 2.12 -0.01	28.28 2.09 -0.06	29.12 2.18 -0.01	33.08 2.37 -3.10	45.83 2.88 -11.02	47.70 3.40 -9.29	47.51 3.48 -9.95	43.40 3.14 -9.45	47.50 3.20 -13.54	47.50 3.16 -13.63	47.47 3.13 -13.98	42.70 3.03 -10.48	42.74 2.95 -11.46	47.47 3.01 -14.96	55.09 3.17 -21.19	58.01 3.96 -16.33	180.76 4.29 -135.65	95.39 4.20 -51.16	52.27 3.59 -14.16	42.77 3.28 -7.66	38.48 3.07 -4.74	35.97 2.86 -3.58
NYPA_POUCH1____GT 24155	31.67 2.20 -2.03	29.11 2.11 -0.01	28.23 2.07 -0.01	28.26 2.06 -0.06	29.10 2.16 -0.01	33.00 2.29 -3.10	45.77 2.81 -11.02	47.63 3.33 -9.29	47.44 3.41 -9.95	43.31 3.05 -9.45	48.56 3.11 -14.68	48.61 3.04 -14.87	48.61 3.04 -15.21	42.58 2.92 -10.48	42.65 2.86 -11.46	47.38 2.92 -14.96	49.94 3.10 -16.10	57.94 3.89 -16.33	141.03 4.21 -96.00	82.55 4.12 -38.40	52.21 3.52 -14.16	42.70 3.21 -7.66	38.45 3.04 -4.74	35.95 2.84 -3.58
NYPA_VERNON____GT2 24162	31.64 2.17 -2.03	29.11 2.11 -0.01	28.23 2.07 -0.01	28.26 2.06 -0.06	29.10 2.16 -0.01	33.03 2.32 -3.10	45.77 2.81 -11.02	47.67 3.36 -9.29	47.44 3.41 -9.95	43.36 3.11 -9.45	47.44 3.14 -13.54	47.44 3.10 -13.63	47.44 3.10 -13.98	42.64 2.98 -10.48	42.71 2.92 -11.46	47.41 2.95 -14.96	55.03 3.10 -21.19	57.94 3.89 -16.33	61.70 4.17 -16.71	56.98 4.08 -12.88	52.17 3.49 -14.16	42.67 3.18 -7.66	38.39 2.97 -4.74	35.92 2.81 -3.58
NYPA_VERNON____GT3 24163	31.64 2.17 -2.03	29.11 2.11 -0.01	28.23 2.07 -0.01	28.26 2.06 -0.06	29.10 2.16 -0.01	33.03 2.32 -3.10	45.77 2.81 -11.02	47.67 3.36 -9.29	47.44 3.41 -9.95	43.36 3.11 -9.45	47.44 3.14 -13.54	47.44 3.10 -13.63	47.44 3.10 -13.98	42.64 2.98 -10.48	42.71 2.92 -11.46	47.41 2.95 -14.96	55.03 3.10 -21.19	57.94 3.89 -16.33	61.70 4.17 -16.71	56.98 4.08 -12.88	52.17 3.49 -14.16	42.67 3.18 -7.66	38.39 2.97 -4.74	35.92 2.81 -3.58
NYPA__ASTORIA_CC1 323568	31.64 2.17 -2.03	29.11 2.11 -0.01	28.23 2.07 -0.01	28.26 2.06 -0.06	29.10 2.16 -0.01	33.03 2.32 -3.10	45.77 2.81 -11.02	47.63 3.33 -9.29	47.41 3.38 -9.95	43.33 3.08 -9.45	47.41 3.11 -13.54	47.41 3.07 -13.63	47.41 3.07 -13.98	42.64 2.98 -10.48	42.68 2.89 -11.46	47.41 2.95 -14.96	55.00 3.07 -21.19	57.90 3.85 -16.33	61.70 4.17 -16.71	56.94 4.04 -12.88	52.17 3.49 -14.16	42.64 3.15 -7.66	38.39 2.97 -4.74	35.89 2.77 -3.58
NYPA__ASTORIA_CC2 323569	31.64 2.17 -2.03	29.11 2.11 -0.01	28.23 2.07 -0.01	28.26 2.06 -0.06	29.10 2.16 -0.01	33.03 2.32 -3.10	45.77 2.81 -11.02	47.63 3.33 -9.29	47.41 3.38 -9.95	43.33 3.08 -9.45	47.41 3.11 -13.54	47.41 3.07 -13.63	47.41 3.07 -13.98	42.64 2.98 -10.48	42.68 2.89 -11.46	47.41 2.95 -14.96	55.00 3.07 -21.19	57.90 3.85 -16.33	61.70 4.17 -16.71	56.94 4.04 -12.88	52.17 3.49 -14.16	42.64 3.15 -7.66	38.39 2.97 -4.74	35.89 2.77 -3.58
NYPA__HOLTSVILL 23794	38.03 2.85 -7.74	34.09 2.81 -4.28	31.06 2.72 -2.18	30.90 2.72 -2.05	30.73 2.83 -0.97	36.35 3.01 -5.74	48.80 3.70 -13.16	51.33 4.31 -12.01	49.83 4.30 -11.45	48.02 3.82 -13.40	43.94 3.81 -9.36	41.23 3.74 -6.78	37.12 3.73 -3.03	35.62 3.59 -2.85	36.62 3.51 -4.77	42.64 3.60 -9.55	55.19 3.90 -20.55	63.16 4.98 -20.46	65.02 5.39 -18.81	63.23 5.20 -18.01	61.04 4.46 -22.06	49.19 4.01 -13.35	42.99 3.65 -8.67	41.85 3.45 -8.87
NYPA__HELLGATE_GT1 24158	31.56 2.08 -2.03	29.06 2.05 -0.01	28.15 1.99 -0.01	28.18 1.99 -0.06	29.05 2.10 -0.01	33.00 2.29 -3.10	45.71 2.75 -11.02	47.52 3.22 -9.29	44.77 3.34 -7.34	49.87 3.08 -15.99	50.03 3.11 -16.16	50.54 3.07 -16.77	51.26 3.07 -17.83	51.77 2.95 -19.65	52.70 2.89 -21.47	50.51 2.92 -18.08	55.16 3.07 -21.35	54.78 3.85 -13.21	61.24 4.12 -16.30	52.47 4.04 -8.40	43.12 3.45 -5.15	42.61 3.15 -7.63	39.46 2.95 -5.84	35.80 2.69 -3.58
NYPA__HELLGATE_GT2 24159	31.56 2.08 -2.03	29.06 2.05 -0.01	28.15 1.99 -0.01	28.18 1.99 -0.06	29.05 2.10 -0.01	33.00 2.29 -3.10	45.71 2.75 -11.02	47.52 3.22 -9.29	44.77 3.34 -7.34	49.87 3.08 -15.99	50.03 3.11 -16.16	50.54 3.07 -16.77	51.26 3.07 -17.83	51.77 2.95 -19.65	52.70 2.89 -21.47	50.51 2.92 -18.08	55.16 3.07 -21.35	54.78 3.85 -13.21	61.24 4.12 -16.30	52.47 4.04 -8.40	43.12 3.45 -5.15	42.61 3.15 -7.63	39.46 2.95 -5.84	35.80 2.69 -3.58
NYS_BARGE__HYD 23848	25.61 -2.14 -0.31	25.13 -1.86 0.00	24.09 -2.07 0.00	24.10 -2.04 -0.01	24.75 -2.18 0.00	26.42 -1.66 -0.47	31.57 -2.04 -1.68	33.74 -2.70 -1.42	32.55 -2.66 -1.12	28.92 -2.19 -0.30	28.89 -2.12 -0.25	28.60 -2.18 -0.07	28.00 -2.37 0.00	27.08 -2.10 0.00	26.18 -2.15 0.00	27.38 -2.33 -0.21	29.13 -2.18 -0.57	35.53 -2.87 -0.67	37.75 -3.47 -0.40	36.66 -3.52 -0.15	32.41 -2.90 -0.78	30.42 -2.58 -1.16	28.65 -2.55 -0.52	28.36 -1.71 -0.55
OAK ORCHARD__HYD 24046	26.73 -0.99 -0.27	25.86 -1.13 0.00	25.19 -0.97 0.00	25.17 -0.97 -0.01	25.67 -1.27 0.00	27.42 -0.61 -0.42	32.82 -0.61 -1.50	35.37 -0.91 -1.26	34.13 -0.95 -1.00	30.27 -0.80 -0.27	30.22 -0.77 -0.22	29.94 -0.83 -0.06	29.06 -1.30 0.00	28.01 -1.17 0.00	27.15 -1.19 0.00	28.66 -1.03 -0.19	30.48 -0.77 -0.51	37.34 -0.98 -0.60	39.99 -1.19 -0.35	38.80 -1.36 -0.14	34.08 -1.14 -0.70	31.88 -0.99 -1.04	30.04 -1.10 -0.47	29.39 -0.62 -0.49
OAKDALE__35_KV_LOAD 356122	28.14 0.03 -0.68	27.21 0.22 0.00	26.37 0.21 0.00	26.33 0.18 -0.02	27.15 0.22 0.00	28.89 0.25 -1.03	36.00 0.38 -3.68	38.54 0.42 -3.11	36.92 0.37 -2.46	31.80 0.34 -0.66	31.61 0.31 -0.54	31.11 0.25 -0.16	30.70 0.33 0.00	29.53 0.35 0.00	28.65 0.31 0.00	30.06 0.09 -0.47	32.30 0.31 -1.25	39.73 0.53 -1.48	42.18 0.49 -0.87	40.84 0.48 -0.34	36.62 0.38 -1.72	34.73 0.35 -2.55	32.10 0.28 -1.15	31.08 0.35 -1.20
OCC_CHEM__DRP 24175	25.34 -2.41 -0.31	24.70 -2.29 0.00	23.91 -2.25 0.00	23.79 -2.35 -0.01	24.46 -2.48 0.00	26.10 -1.99 -0.48	31.06 -2.59 -1.71	33.13 -3.33 -1.44	31.92 -3.31 -1.14	28.37 -2.74 -0.31	28.37 -2.65 -0.25	28.08 -2.70 -0.07	27.42 -2.95 0.00	26.50 -2.68 0.00	25.64 -2.69 0.00	26.92 -2.80 -0.22	28.55 -2.77 -0.58	34.75 -3.66 -0.69	36.82 -4.41 -0.40	35.82 -4.36 -0.16	31.73 -3.59 -0.80	29.83 -3.18 -1.19	28.23 -2.98 -0.53	27.87 -2.21 -0.56

OH_GEN_PROXY 24063	25.61 -2.14 -0.31	25.00 -2.00 0.00	24.09 -2.07 0.00	24.10 -2.04 -0.01	24.70 -2.24 0.00	26.35 -1.74 -0.48	31.50 -2.14 -1.70	33.65 -2.80 -1.44	32.43 -2.79 -1.14	28.83 -2.28 -0.31	28.86 -2.15 -0.25	28.54 -2.24 -0.07	27.91 -2.46 0.00	26.99 -2.19 0.00	26.10 -2.24 0.00	27.36 -2.36 -0.22	29.01 -2.31 -0.58	35.35 -3.05 -0.68	37.47 -3.76 -0.40	36.46 -3.72 -0.16	32.28 -3.04 -0.80	30.34 -2.67 -1.18	28.57 -2.64 -0.53	28.28 -1.80 -0.55
OLIN_CORP_DRP 24177	25.31 -2.44 -0.32	24.73 -2.27 0.00	23.93 -2.22 0.00	23.82 -2.33 -0.01	24.48 -2.45 0.00	26.08 -2.02 -0.48	31.14 -2.52 -1.73	33.32 -3.15 -1.46	32.10 -3.14 -1.15	28.49 -2.62 -0.31	28.47 -2.55 -0.25	28.20 -2.58 -0.07	27.57 -2.79 0.00	26.67 -2.51 0.00	25.81 -2.52 0.00	27.01 -2.71 -0.22	28.68 -2.64 -0.59	34.94 -3.47 -0.69	37.03 -4.20 -0.41	36.02 -4.16 -0.16	31.88 -3.45 -0.81	29.97 -3.06 -1.20	28.36 -2.85 -0.54	27.96 -2.13 -0.56
OLIN_CORP_DSASP 323712	25.34 -2.41 -0.31	24.57 -2.43 0.00	23.83 -2.33 0.00	23.84 -2.30 -0.01	24.38 -2.56 0.00	26.10 -1.99 -0.48	31.06 -2.59 -1.71	33.10 -3.36 -1.44	31.92 -3.31 -1.14	28.37 -2.74 -0.31	28.37 -2.65 -0.25	28.08 -2.70 -0.07	27.39 -2.97 0.00	26.50 -2.68 0.00	25.61 -2.72 0.00	26.91 -2.80 -0.22	28.55 -2.77 -0.58	34.75 -3.66 -0.69	36.82 -4.41 -0.40	35.82 -4.36 -0.16	31.73 -3.59 -0.80	29.83 -3.18 -1.18	28.11 -3.10 -0.53	27.87 -2.22 -0.56
ONEIDA_HERK_LFGE 323681	28.03 0.52 -0.07	27.48 0.49 0.00	26.63 0.47 0.00	26.61 0.47 0.00	27.53 0.59 0.00	28.46 0.75 -0.11	33.41 1.09 -0.39	36.57 1.22 -0.33	35.61 1.26 -0.26	31.95 1.08 -0.07	31.84 1.01 -0.06	31.64 0.92 -0.02	31.18 0.82 0.00	29.94 0.76 0.00	29.07 0.74 0.00	30.23 0.68 -0.05	31.79 0.92 -0.13	39.20 1.32 -0.16	42.38 1.47 -0.09	41.58 1.52 -0.04	35.94 1.24 -0.18	33.18 1.08 -0.27	31.78 0.98 -0.12	30.45 0.80 -0.13
ONEIDA___115KV_TB4 55905	28.43 0.85 -0.13	27.83 0.84 0.00	26.97 0.81 0.00	26.95 0.81 0.00	27.85 0.92 0.00	28.92 1.10 -0.21	34.17 1.50 -0.73	37.32 1.68 -0.62	36.22 1.64 -0.49	32.35 1.42 -0.13	32.23 1.35 -0.11	31.97 1.23 -0.03	31.52 1.15 0.00	30.26 1.08 0.00	29.38 1.05 0.00	30.63 1.03 -0.09	32.31 1.32 -0.25	39.79 1.77 -0.30	42.92 1.92 -0.17	41.97 1.88 -0.07	36.42 1.55 -0.34	33.71 1.37 -0.51	32.07 1.17 -0.23	30.86 1.09 -0.24
ONONDAGA_REF_OCCRA 23987	27.37 -0.33 -0.26	26.67 -0.32 0.00	25.84 -0.31 0.00	25.80 -0.34 -0.01	26.64 -0.30 0.00	27.83 -0.17 -0.39	33.24 -0.10 -1.40	36.09 -0.11 -1.18	34.89 -0.14 -0.93	30.93 -0.12 -0.25	30.82 -0.15 -0.21	30.52 -0.25 -0.06	30.03 -0.33 0.00	28.86 -0.32 0.00	27.99 -0.34 0.00	29.30 -0.38 -0.18	31.06 -0.15 -0.48	38.21 -0.08 -0.56	41.07 -0.08 -0.33	40.03 -0.12 -0.13	35.01 -0.17 -0.65	32.64 -0.16 -0.97	30.87 -0.25 -0.44	29.78 -0.21 -0.46
ONONDAGA___COGEN 23986	27.35 -0.33 -0.24	26.65 -0.35 0.00	25.82 -0.34 0.00	25.77 -0.37 -0.01	26.59 -0.35 0.00	27.81 -0.17 -0.37	33.16 -0.10 -1.32	36.02 -0.11 -1.11	34.80 -0.17 -0.88	30.88 -0.15 -0.24	30.75 -0.22 -0.19	30.49 -0.28 -0.06	29.97 -0.39 0.00	28.80 -0.38 0.00	27.94 -0.40 0.00	29.25 -0.41 -0.17	30.97 -0.22 -0.45	38.14 -0.11 -0.53	41.01 -0.12 -0.31	39.98 -0.16 -0.12	34.93 -0.21 -0.62	32.55 -0.19 -0.91	30.84 -0.25 -0.41	29.75 -0.21 -0.43
ONTARIO___LFGE 23819	27.74 -0.03 -0.33	27.05 0.05 0.00	26.11 -0.05 0.00	26.12 -0.03 -0.01	27.02 0.08 0.00	28.47 0.36 -0.50	34.28 0.54 -1.80	37.09 0.56 -1.52	35.73 0.44 -1.20	31.61 0.49 -0.32	31.43 0.40 -0.26	31.03 0.24 -0.08	30.49 0.12 0.00	29.33 0.15 0.00	28.42 0.09 0.00	29.73 0.00 -0.23	31.78 0.43 -0.61	39.08 0.64 -0.72	41.98 0.74 -0.42	40.83 0.64 -0.16	35.78 0.42 -0.84	33.55 0.48 -1.25	31.48 0.24 -0.56	30.56 0.44 -0.58
ORANGEVILLE_WT_PWR 323706	25.40 -2.36 -0.32	25.08 -1.92 0.00	23.93 -2.22 0.00	23.97 -2.17 -0.01	24.89 -2.05 0.00	26.34 -1.77 -0.50	31.60 -2.11 -1.77	33.78 -2.73 -1.49	32.57 -2.69 -1.18	28.90 -2.22 -0.32	28.87 -2.15 -0.26	28.57 -2.21 -0.08	28.21 -2.16 0.00	27.28 -1.90 0.00	26.35 -1.98 0.00	27.34 -2.39 -0.22	29.13 -2.21 -0.60	35.64 -2.79 -0.71	37.89 -3.35 -0.42	36.86 -3.32 -0.16	32.62 -2.73 -0.83	30.64 -2.42 -1.22	28.80 -2.42 -0.55	28.48 -1.62 -0.58
ORANGEVILLE___ESR 323794	25.40 -2.36 -0.32	25.08 -1.92 0.00	23.93 -2.22 0.00	23.97 -2.17 -0.01	24.89 -2.05 0.00	26.34 -1.77 -0.50	31.60 -2.11 -1.77	33.78 -2.73 -1.49	32.57 -2.69 -1.18	28.90 -2.22 -0.32	28.87 -2.15 -0.26	28.57 -2.21 -0.08	28.21 -2.16 0.00	27.28 -1.90 0.00	26.35 -1.98 0.00	27.34 -2.39 -0.22	29.13 -2.21 -0.60	35.64 -2.79 -0.71	37.89 -3.35 -0.42	36.86 -3.32 -0.16	32.62 -2.73 -0.83	30.64 -2.42 -1.22	28.80 -2.42 -0.55	28.48 -1.62 -0.58
OSWEGATCHIE___HYD 24044	26.82 -0.68 -0.06	26.27 -0.73 0.00	25.48 -0.68 0.00	25.43 -0.70 0.00	26.26 -0.67 0.00	26.93 -0.77 -0.09	31.51 -0.77 -0.34	34.56 -0.74 -0.28	33.60 -0.72 -0.22	30.15 -0.71 -0.06	30.11 -0.71 -0.05	30.01 -0.70 -0.01	29.67 -0.70 0.00	28.48 -0.70 0.00	27.65 -0.68 0.00	28.78 -0.77 -0.04	29.99 -0.86 -0.11	36.95 -0.91 -0.14	40.00 -0.90 -0.08	39.34 -0.72 -0.03	34.06 -0.62 -0.16	31.36 -0.70 -0.23	30.23 -0.55 -0.10	28.99 -0.65 -0.11
OSWEGO___5 23606	26.80 -0.82 -0.18	26.16 -0.84 0.00	25.35 -0.81 0.00	25.33 -0.81 0.00	26.07 -0.86 0.00	27.16 -0.72 -0.27	32.15 -0.77 -0.98	34.97 -0.87 -0.82	33.89 -0.85 -0.65	30.21 -0.77 -0.17	30.11 -0.80 -0.14	29.89 -0.86 -0.04	29.42 -0.94 0.00	28.28 -0.90 0.00	27.46 -0.88 0.00	28.71 -0.91 -0.12	30.27 -0.80 -0.33	37.21 -0.91 -0.39	40.03 -1.02 -0.23	39.07 -1.04 -0.09	34.05 -0.93 -0.46	31.68 -0.83 -0.68	30.09 -0.89 -0.30	29.08 -0.77 -0.32
OSWEGO___6 23613	26.80 -0.82 -0.18	26.16 -0.84 0.00	25.35 -0.81 0.00	25.33 -0.81 0.00	26.07 -0.86 0.00	27.16 -0.72 -0.27	32.15 -0.77 -0.98	34.97 -0.87 -0.82	33.89 -0.85 -0.65	30.21 -0.77 -0.17	30.11 -0.80 -0.14	29.89 -0.86 -0.04	29.42 -0.94 0.00	28.28 -0.90 0.00	27.46 -0.88 0.00	28.71 -0.91 -0.12	30.27 -0.80 -0.33	37.21 -0.91 -0.39	40.03 -1.02 -0.23	39.07 -1.04 -0.09	34.05 -0.93 -0.46	31.68 -0.83 -0.68	30.09 -0.89 -0.30	29.08 -0.77 -0.32
OUTOKUMPU-AB___DRP 24206	25.75 -2.00 -0.32	25.27 -1.73 0.00	24.46 -1.70 0.00	24.34 -1.80 -0.01	25.02 -1.91 0.00	26.55 -1.55 -0.49	31.75 -1.92 -1.73	33.99 -2.49 -1.46	32.76 -2.49 -1.15	29.05 -2.06 -0.31	29.02 -2.00 -0.25	28.72 -2.06 -0.08	28.21 -2.16 0.00	27.28 -1.90 0.00	26.41 -1.93 0.00	27.51 -2.21 -0.22	29.24 -2.09 -0.59	35.77 -2.64 -0.69	37.88 -3.35 -0.41	36.86 -3.32 -0.16	32.60 -2.73 -0.81	30.61 -2.42 -1.20	28.95 -2.27 -0.54	28.50 -1.59 -0.56
OXBOW___BTM 323836	25.56 -2.20 -0.32	24.92 -2.08 0.00	24.04 -2.12 0.00	24.05 -2.09 -0.01	24.67 -2.26 0.00	26.35 -1.74 -0.48	31.45 -2.20 -1.72	33.56 -2.91 -1.45	32.37 -2.86 -1.15	28.74 -2.37 -0.31	28.71 -2.31 -0.25	28.44 -2.33 -0.07	27.81 -2.55 0.00	26.90 -2.28 0.00	26.01 -2.32 0.00	27.24 -2.48 -0.22	28.93 -2.40 -0.59	35.28 -3.13 -0.69	37.43 -3.80 -0.41	36.38 -3.80 -0.16	32.22 -3.11 -0.80	30.25 -2.77 -1.19	28.48 -2.73 -0.54	28.20 -1.89 -0.56

OXBOW____ 24026	25.56 -2.20 -0.32	25.00 -2.00 0.00	24.20 -1.96 0.00	24.08 -2.06 -0.01	24.75 -2.18 0.00	26.35 -1.74 -0.48	31.42 -2.24 -1.72	33.60 -2.87 -1.45	32.37 -2.86 -1.15	28.74 -2.37 -0.31	28.71 -2.31 -0.25	28.45 -2.33 -0.07	27.84 -2.52 0.00	26.90 -2.28 0.00	26.07 -2.27 0.00	27.24 -2.48 -0.22	28.93 -2.40 -0.59	35.32 -3.09 -0.69	37.43 -3.80 -0.41	36.38 -3.80 -0.16	32.22 -3.11 -0.80	30.25 -2.77 -1.19	28.64 -2.58 -0.54	28.20 -1.89 -0.56
OXY_CHEM_DSASP 323612	25.34 -2.41 -0.31	24.70 -2.29 0.00	23.91 -2.25 0.00	23.79 -2.35 -0.01	24.46 -2.48 0.00	26.10 -1.99 -0.48	31.06 -2.59 -1.71	33.13 -3.33 -1.44	31.92 -3.31 -1.14	28.37 -2.74 -0.31	28.37 -2.65 -0.25	28.08 -2.70 -0.07	27.42 -2.95 0.00	26.50 -2.68 0.00	25.64 -2.69 0.00	26.92 -2.80 -0.22	28.55 -2.77 -0.58	34.75 -3.66 -0.69	36.82 -4.41 -0.40	35.82 -4.36 -0.16	31.73 -3.59 -0.80	29.83 -3.18 -1.19	28.23 -2.98 -0.53	27.87 -2.21 -0.56
OZONE_PARK_ESR 323760	31.74 2.28 -2.02	29.24 2.24 0.00	28.38 2.22 0.00	28.38 2.20 -0.05	29.20 2.26 0.00	33.16 2.46 -3.09	45.92 2.97 -11.01	47.85 3.54 -9.30	45.10 3.65 -7.36	43.48 3.30 -9.39	43.39 3.32 -9.30	43.08 3.29 -9.09	43.06 3.28 -9.42	42.71 3.15 -10.38	42.77 3.09 -11.35	42.84 3.13 -10.22	47.11 3.32 -13.05	50.93 4.15 -9.06	55.15 4.49 -9.84	49.35 4.40 -4.92	43.45 3.76 -5.16	42.89 3.41 -7.65	38.61 3.22 -4.71	36.08 2.98 -3.57
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	25.34 -2.41 -0.31	24.70 -2.29 0.00	23.91 -2.25 0.00	23.79 -2.35 -0.01	24.46 -2.48 0.00	26.10 -1.99 -0.48	31.06 -2.59 -1.71	33.13 -3.33 -1.44	31.92 -3.31 -1.14	28.37 -2.74 -0.31	28.37 -2.65 -0.25	28.08 -2.70 -0.07	27.42 -2.95 0.00	26.50 -2.68 0.00	25.64 -2.69 0.00	26.92 -2.80 -0.22	28.55 -2.77 -0.58	34.75 -3.66 -0.69	36.82 -4.41 -0.40	35.82 -4.36 -0.16	31.73 -3.59 -0.80	29.83 -3.18 -1.19	28.23 -2.98 -0.53	27.87 -2.21 -0.56
PACKARD__115KV_DUPONT_184 80571	25.34 -2.41 -0.31	24.70 -2.29 0.00	23.91 -2.25 0.00	23.79 -2.35 -0.01	24.46 -2.48 0.00	26.10 -1.99 -0.48	31.06 -2.59 -1.71	33.13 -3.33 -1.44	31.92 -3.31 -1.14	28.37 -2.74 -0.31	28.37 -2.65 -0.25	28.08 -2.70 -0.07	27.42 -2.95 0.00	26.50 -2.68 0.00	25.64 -2.69 0.00	26.92 -2.80 -0.22	28.55 -2.77 -0.58	34.75 -3.66 -0.69	36.82 -4.41 -0.40	35.82 -4.36 -0.16	31.73 -3.59 -0.80	29.83 -3.18 -1.19	28.23 -2.98 -0.53	27.87 -2.21 -0.56
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	31.58 2.11 -2.02	29.08 2.08 0.00	28.20 2.04 0.00	28.22 2.04 -0.05	29.06 2.13 0.00	32.99 2.29 -3.09	45.66 2.71 -11.01	47.47 3.15 -9.30	44.65 3.20 -7.36	35.96 2.93 -2.23	35.60 2.95 -1.88	34.40 2.92 -0.78	33.61 2.92 -0.33	32.34 2.80 -0.36	31.48 2.75 -0.40	34.01 2.80 -1.70	37.73 2.92 -4.07	45.95 3.66 -4.57	47.63 3.96 -2.84	45.05 3.88 -1.14	42.99 3.31 -5.16	42.50 3.02 -7.65	36.97 2.82 -3.47	35.73 2.63 -3.57
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	31.88 2.41 -2.02	29.37 2.38 0.00	28.51 2.35 0.00	28.54 2.35 -0.05	29.39 2.45 0.00	33.29 2.60 -3.09	46.02 3.07 -11.01	47.85 3.54 -9.30	45.03 3.58 -7.36	36.27 3.23 -2.23	35.94 3.29 -1.88	34.70 3.22 -0.78	33.91 3.22 -0.33	32.66 3.12 -0.36	31.79 3.06 -0.40	34.30 3.10 -1.70	38.10 3.29 -4.07	46.41 4.11 -4.57	48.08 4.41 -2.84	45.49 4.32 -1.14	43.37 3.69 -5.16	42.85 3.37 -7.65	37.34 3.19 -3.47	36.08 2.98 -3.57
PATROON__115KV_TB1 80586	31.45 1.54 -2.47	28.56 1.57 0.00	27.68 1.52 0.00	27.71 1.52 -0.06	28.50 1.56 0.00	32.96 1.57 -3.78	46.96 1.56 -13.46	47.89 1.51 -11.37	44.50 1.43 -8.98	34.63 1.42 -2.42	34.17 1.45 -1.96	32.76 1.47 -0.58	31.73 1.37 0.00	30.55 1.37 0.00	29.67 1.33 0.00	32.56 1.36 -1.70	36.68 1.38 -4.56	44.75 1.66 -5.37	45.77 1.80 -3.15	42.94 1.68 -1.23	42.26 1.45 -6.29	42.50 1.34 -9.34	36.26 1.38 -4.20	35.37 1.48 -4.36
PATTRSNVILLE__SOLAR 323815	31.43 1.40 -2.59	28.40 1.40 0.00	27.52 1.36 0.00	27.56 1.36 -0.06	28.34 1.40 0.00	33.01 1.44 -3.96	47.79 1.72 -14.13	48.77 1.82 -11.93	45.32 1.81 -9.43	34.94 1.60 -2.54	34.35 1.51 -2.08	32.79 1.47 -0.61	31.76 1.40 0.00	30.55 1.37 0.00	29.70 1.36 0.00	32.72 1.42 -1.80	37.22 1.66 -4.83	45.48 2.07 -5.69	46.41 2.25 -3.34	43.48 2.16 -1.30	43.03 1.90 -6.60	43.38 1.75 -9.80	36.71 1.63 -4.41	35.67 1.54 -4.60
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	25.26 -2.52 -0.35	26.11 -0.89 0.00	25.27 -0.89 0.00	25.18 -0.97 -0.01	25.94 -1.00 0.00	26.07 -2.07 -0.53	31.46 -2.36 -1.89	33.81 -2.80 -1.59	32.52 -2.83 -1.26	28.77 -2.37 -0.34	28.71 -2.34 -0.28	28.39 -2.39 -0.08	29.42 -0.94 0.00	28.42 -0.76 0.00	27.51 -0.82 0.00	27.20 -2.54 -0.24	28.98 -2.40 -0.64	35.61 -2.87 -0.76	37.80 -3.47 -0.44	36.71 -3.48 -0.17	32.47 -2.93 -0.88	30.50 -2.64 -1.31	28.69 -2.58 -0.59	28.19 -1.95 -0.61
PAWLING_115_KV_BK3_REV_LBMP_H 345028	31.56 2.09 -2.04	29.05 2.05 0.00	28.17 2.01 0.00	28.22 2.04 -0.05	28.96 2.02 0.00	32.93 2.21 -3.11	45.71 2.68 -11.09	47.53 3.15 -9.36	44.66 3.17 -7.40	35.62 2.83 -1.99	35.22 2.83 -1.62	33.95 2.76 -0.48	33.13 2.76 0.00	31.84 2.66 0.00	30.97 2.64 0.00	33.56 2.66 -1.41	37.34 2.83 -3.77	45.75 3.58 -4.45	47.31 3.88 -2.61	44.80 3.76 -1.02	42.95 3.25 -5.18	42.45 2.93 -7.69	36.86 2.73 -3.46	35.66 2.54 -3.59
PEEKSKILL____ 23653	31.22 1.78 -2.00	28.75 1.75 0.00	27.86 1.70 0.00	27.88 1.70 -0.05	28.71 1.78 0.00	32.56 1.90 -3.05	45.14 2.33 -10.87	46.91 2.73 -9.16	44.12 2.80 -7.24	35.27 2.53 -1.95	34.91 2.55 -1.59	33.69 2.52 -0.47	32.88 2.52 0.00	31.60 2.42 0.00	30.72 2.38 0.00	33.27 2.39 -1.38	36.96 2.52 -3.70	45.28 3.20 -4.36	46.85 3.47 -2.56	44.38 3.36 -1.00	42.46 2.86 -5.07	41.96 2.61 -7.52	36.52 2.45 -3.39	35.33 2.27 -3.52
PGE MADISON__WINDPWR 24146	30.64 2.55 -0.65	29.48 2.48 0.00	28.41 2.25 0.00	28.42 2.27 -0.02	29.47 2.53 0.00	31.48 2.87 -1.00	39.35 3.86 -3.55	42.42 4.41 -3.00	40.61 4.16 -2.37	34.89 3.45 -0.64	34.58 3.29 -0.52	33.87 3.01 -0.15	33.16 2.79 0.00	31.98 2.80 0.00	31.03 2.69 0.00	32.64 2.68 -0.45	35.45 3.50 -1.21	44.09 4.94 -1.43	47.25 5.59 -0.84	45.83 5.48 -0.33	40.70 4.52 -1.66	38.40 4.11 -2.46	35.59 3.80 -1.11	34.17 3.48 -1.15
PIERCEFIELD__HYD 23852	26.60 -0.88 -0.03	26.08 -0.92 0.00	25.22 -0.94 0.00	25.25 -0.89 0.00	25.91 -1.02 0.00	26.28 -1.38 -0.05	30.49 -1.63 -0.18	33.49 -1.68 -0.15	32.51 -1.70 -0.12	29.23 -1.60 -0.03	29.32 -1.48 -0.03	29.39 -1.32 -0.01	29.21 -1.15 0.00	28.04 -1.14 0.00	27.20 -1.13 0.00	28.34 -1.18 -0.02	29.17 -1.63 -0.06	35.83 -1.96 -0.07	38.87 -2.00 -0.04	38.20 -1.84 -0.02	33.09 -1.52 -0.08	30.46 -1.50 -0.12	29.47 -1.26 -0.06	28.44 -1.15 -0.06
PINELAWN_CC_1 323563	37.89 2.72 -7.74	33.95 2.67 -4.28	30.93 2.59 -2.18	30.77 2.59 -2.05	30.60 2.69 -0.97	36.24 2.90 -5.74	48.64 3.54 -13.16	51.12 4.09 -12.01	49.66 4.12 -11.45	47.90 3.69 -13.40	43.85 3.72 -9.36	41.14 3.65 -6.78	37.00 3.61 -3.03	35.53 3.50 -2.85	36.53 3.43 -4.77	42.55 3.51 -9.54	55.06 3.78 -20.55	62.94 4.75 -20.46	64.77 5.14 -18.81	63.03 5.00 -18.00	60.83 4.25 -22.06	49.03 3.85 -13.35	42.90 3.56 -8.67	41.73 3.34 -8.87

PJM_GEN_HTP_PROXY 323702	31.47 2.00 -2.02	28.94 1.94 0.00	28.07 1.91 0.00	28.09 1.91 -0.05	28.93 1.99 0.00	32.88 2.18 -3.09	45.60 2.65 -11.01	47.45 3.15 -9.28	44.68 3.24 -7.35	43.04 2.96 -9.28	42.95 2.98 -9.19	42.62 2.95 -8.97	42.60 2.94 -9.29	42.25 2.83 -10.24	42.31 2.78 -11.19	42.40 2.80 -10.10	46.61 2.95 -12.93	50.42 3.70 -9.00	54.52 3.96 -9.74	48.77 3.88 -4.86	42.99 3.31 -5.15	42.49 3.03 -7.64	38.18 2.82 -4.69	35.73 2.63 -3.57
PJM_GEN_KEystone 24065	28.62 -0.03 -1.21	27.24 0.24 0.00	26.13 -0.03 0.00	26.16 0.00 -0.03	27.13 0.19 0.00	29.68 0.22 -1.85	38.85 0.32 -6.60	40.89 0.31 -5.56	38.79 0.31 -4.39	32.90 0.40 -1.70	32.70 0.43 -1.50	31.99 0.40 -0.89	31.54 0.52 -0.66	30.49 0.58 -0.73	29.64 0.51 -0.79	31.19 0.23 -1.45	34.00 0.37 -2.90	41.18 0.49 -2.97	43.25 0.37 -2.06	41.22 0.32 -0.88	37.88 0.27 -3.08	36.68 0.29 -4.57	33.03 0.22 -2.14	32.08 0.41 -2.14
PJM_GEN_NEPTUNE_PROXY 323594	37.45 2.28 -7.74	33.52 2.24 -4.28	30.51 2.17 -2.18	30.35 2.17 -2.05	30.17 2.26 -0.97	35.77 2.43 -5.74	48.03 2.94 -13.16	50.46 3.43 -12.01	49.01 3.48 -11.44	47.37 3.17 -13.40	43.32 3.20 -9.35	40.64 3.16 -6.77	36.54 3.16 -3.02	35.06 3.03 -2.85	36.07 2.97 -4.76	42.05 3.01 -9.54	54.45 3.17 -20.54	62.14 3.96 -20.46	63.87 4.25 -18.80	62.19 4.16 -18.00	60.13 3.56 -22.05	48.42 3.25 -13.35	42.38 3.04 -8.66	41.23 2.84 -8.86
PJM_GEN_VFT_PROXY 323633	31.38 1.92 -2.02	28.86 1.86 0.00	27.99 1.83 0.00	27.99 1.80 -0.05	28.85 1.91 0.00	32.77 2.07 -3.09	45.44 2.49 -11.01	47.31 3.01 -9.28	44.54 3.10 -7.35	43.01 2.83 -9.38	42.93 2.86 -9.30	42.61 2.82 -9.09	42.61 2.82 -9.42	42.27 2.71 -10.38	42.34 2.66 -11.35	42.40 2.68 -10.22	46.59 2.80 -13.05	50.29 3.51 -9.06	54.46 3.80 -9.84	48.62 3.68 -4.92	42.85 3.17 -5.15	42.37 2.90 -7.64	38.11 2.73 -4.71	35.64 2.54 -3.57
PLATSBURG_115KV_PMLD1 355749	27.39 -0.05 0.00	26.86 -0.13 0.00	25.90 -0.26 0.00	25.79 -0.34 0.00	26.48 -0.46 0.00	26.89 -0.72 0.00	30.91 -1.02 0.00	33.79 -1.23 0.00	32.69 -1.40 0.00	29.48 -1.32 0.00	29.38 -1.38 0.00	29.35 -1.35 0.00	29.09 -1.28 0.00	27.90 -1.28 0.00	27.06 -1.28 0.00	28.35 -1.15 0.00	29.32 -1.41 0.00	36.06 -1.66 0.00	39.23 -1.59 0.00	38.54 -1.48 0.00	33.42 -1.10 0.00	30.78 -1.05 0.00	29.82 -0.86 0.00	28.79 -0.74 0.00
PLEASANTVLY___LBMP 24000	31.30 1.76 -2.10	28.73 1.73 0.00	27.86 1.70 0.00	27.86 1.67 -0.05	28.69 1.75 0.00	32.69 1.88 -3.21	45.61 2.24 -11.44	47.27 2.59 -9.66	44.35 2.62 -7.63	35.26 2.40 -2.05	34.87 2.43 -1.67	33.60 2.39 -0.50	32.73 2.37 0.00	31.49 2.31 0.00	30.60 2.27 0.00	33.22 2.27 -1.45	37.03 2.40 -3.89	45.33 3.02 -4.59	46.74 3.23 -2.69	44.23 3.16 -1.05	42.60 2.73 -5.35	42.25 2.48 -7.93	36.58 2.33 -3.57	35.42 2.19 -3.71
PLSNTVLE_13_KV_13.8KVDIST 80602	31.37 1.89 -2.04	28.86 1.86 0.00	27.99 1.83 0.00	28.01 1.83 -0.05	28.82 1.89 0.00	32.76 2.04 -3.11	45.50 2.49 -11.08	47.27 2.91 -9.35	44.48 3.00 -7.39	35.50 2.71 -1.99	35.13 2.74 -1.62	33.89 2.70 -0.48	33.07 2.70 0.00	31.78 2.60 0.00	30.91 2.58 0.00	33.50 2.60 -1.41	37.24 2.74 -3.77	45.59 3.43 -4.44	47.11 3.67 -2.61	44.64 3.60 -1.02	42.77 3.07 -5.18	42.31 2.80 -7.68	36.74 2.61 -3.46	35.54 2.42 -3.59
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	31.37 1.89 -2.04	28.86 1.86 0.00	27.99 1.83 0.00	28.01 1.83 -0.05	28.82 1.89 0.00	32.76 2.04 -3.11	45.50 2.49 -11.08	47.27 2.91 -9.35	44.48 3.00 -7.39	35.50 2.71 -1.99	35.13 2.74 -1.62	33.89 2.70 -0.48	33.07 2.70 0.00	31.78 2.60 0.00	30.91 2.58 0.00	33.50 2.60 -1.41	37.24 2.74 -3.77	45.59 3.43 -4.44	47.11 3.67 -2.61	44.64 3.60 -1.02	42.77 3.07 -5.18	42.31 2.80 -7.68	36.74 2.61 -3.46	35.54 2.42 -3.59
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	31.42 1.92 -2.05	28.91 1.92 0.00	28.04 1.88 0.00	28.04 1.86 -0.05	28.85 1.91 0.00	32.82 2.07 -3.14	45.65 2.52 -11.19	47.30 2.84 -9.45	44.38 2.83 -7.47	35.33 2.53 -2.01	34.93 2.52 -1.64	33.68 2.49 -0.48	32.82 2.46 0.00	31.54 2.36 0.00	30.69 2.35 0.00	33.31 2.39 -1.42	37.09 2.55 -3.81	45.41 3.21 -4.49	46.97 3.51 -2.63	44.41 3.36 -1.03	42.65 2.90 -5.23	42.23 2.64 -7.76	36.65 2.48 -3.49	35.49 2.33 -3.62
POLETTI_____ 23519	31.52 2.06 -2.02	29.00 2.00 0.00	28.15 1.99 0.00	28.14 1.96 -0.05	28.98 2.05 0.00	32.91 2.21 -3.09	45.60 2.65 -11.01	47.47 3.15 -9.30	44.69 3.24 -7.36	43.14 2.96 -9.39	43.05 2.98 -9.30	42.74 2.95 -9.09	42.73 2.95 -9.42	42.39 2.83 -10.38	42.46 2.78 -11.35	42.52 2.80 -10.22	46.74 2.95 -13.05	50.48 3.70 -9.06	54.66 4.00 -9.83	48.83 3.88 -4.92	43.04 3.35 -5.16	42.51 3.02 -7.65	38.24 2.85 -4.71	35.76 2.66 -3.57
POMONA____ESR 323819	31.28 1.87 -1.97	28.83 1.84 0.00	27.94 1.78 0.00	27.96 1.78 -0.05	28.79 1.86 0.00	32.63 2.01 -3.01	45.13 2.46 -10.74	46.90 2.84 -9.05	44.03 2.80 -7.15	35.28 2.56 -1.92	34.92 2.58 -1.57	33.72 2.55 -0.47	32.92 2.55 0.00	31.66 2.48 0.00	30.74 2.41 0.00	33.31 2.45 -1.36	36.91 2.52 -3.65	45.23 3.20 -4.31	46.82 3.47 -2.53	44.37 3.36 -0.98	42.39 2.86 -5.01	41.87 2.61 -7.43	36.47 2.45 -3.34	35.28 2.27 -3.48
PORT_JEFF_3 23555	38.14 2.96 -7.74	34.17 2.89 -4.28	31.14 2.80 -2.18	30.98 2.80 -2.05	30.82 2.91 -0.97	36.46 3.12 -5.74	48.96 3.86 -13.16	51.51 4.48 -12.01	49.97 4.43 -11.45	48.14 3.94 -13.40	44.10 3.97 -9.36	41.35 3.87 -6.78	37.22 3.83 -3.03	35.74 3.71 -2.85	36.64 3.54 -4.77	42.70 3.66 -9.55	55.25 3.97 -20.55	63.27 5.09 -20.46	65.14 5.51 -18.81	63.39 5.36 -18.01	61.14 4.56 -22.06	49.26 4.08 -13.35	43.05 3.71 -8.67	41.91 3.51 -8.87
PORT_JEFF_4 23616	38.14 2.96 -7.74	34.17 2.89 -4.28	31.14 2.80 -2.18	30.98 2.80 -2.05	30.82 2.91 -0.97	36.46 3.12 -5.74	48.96 3.86 -13.16	51.51 4.48 -12.01	49.97 4.43 -11.45	48.14 3.94 -13.40	44.10 3.97 -9.36	41.35 3.87 -6.78	37.22 3.83 -3.03	35.74 3.71 -2.85	36.64 3.54 -4.77	42.70 3.66 -9.55	55.25 3.97 -20.55	63.27 5.09 -20.46	65.14 5.51 -18.81	63.39 5.36 -18.01	61.14 4.56 -22.06	49.26 4.08 -13.35	43.05 3.71 -8.67	41.91 3.51 -8.87
PORT_JEFF_IC 23713	38.17 2.99 -7.74	34.20 2.92 -4.28	31.16 2.83 -2.18	31.01 2.82 -2.05	30.84 2.94 -0.97	36.49 3.15 -5.74	48.99 3.89 -13.16	51.55 4.52 -12.01	50.00 4.46 -11.45	48.18 3.97 -13.40	44.10 3.97 -9.36	41.38 3.90 -6.78	37.25 3.86 -3.03	35.74 3.71 -2.85	36.70 3.60 -4.77	42.73 3.69 -9.54	55.31 4.03 -20.55	63.35 5.17 -20.46	65.27 5.64 -18.81	63.47 5.44 -18.01	61.21 4.63 -22.06	49.32 4.14 -13.35	43.11 3.77 -8.67	41.97 3.57 -8.87
PPL PILGRIM_ST_GT1 24216	38.14 2.96 -7.74	34.20 2.92 -4.28	31.16 2.83 -2.18	31.01 2.82 -2.05	30.84 2.94 -0.97	36.46 3.12 -5.74	48.96 3.86 -13.16	51.51 4.48 -12.01	49.97 4.43 -11.45	48.18 3.97 -13.40	44.12 4.00 -9.36	41.42 3.93 -6.78	37.31 3.92 -3.03	35.80 3.77 -2.85	36.79 3.68 -4.77	42.82 3.78 -9.54	55.34 4.06 -20.55	63.31 5.13 -20.46	65.18 5.55 -18.81	63.43 5.40 -18.01	61.17 4.59 -22.06	49.35 4.17 -13.35	43.18 3.83 -8.67	42.00 3.60 -8.87

PPL PILGRIM_ST_GT2 24217	38.14 2.96 -7.74	34.20 2.92 -4.28	31.16 2.83 -2.18	31.01 2.82 -2.05	30.84 2.94 -0.97	36.46 3.12 -5.74	48.96 3.86 -13.16	51.51 4.48 -12.01	49.97 4.43 -11.45	48.18 3.97 -13.40	44.12 4.00 -9.36	41.42 3.93 -6.78	37.31 3.92 -3.03	35.80 3.77 -2.85	36.79 3.68 -4.77	42.82 3.78 -9.54	55.34 4.06 -20.55	63.31 5.13 -20.46	65.18 5.55 -18.81	63.43 5.40 -18.01	61.17 4.59 -22.06	49.35 4.17 -13.35	43.18 3.83 -8.67	42.00 3.60 -8.87
PPL_SHRM_GT3 24213	38.28 3.10 -7.74	34.30 3.02 -4.28	31.27 2.93 -2.18	31.11 2.93 -2.05	30.95 3.04 -0.97	36.60 3.26 -5.74	49.12 4.02 -13.16	51.69 4.66 -12.01	50.14 4.60 -11.45	48.27 4.07 -13.40	44.15 4.03 -9.36	41.42 3.93 -6.78	37.31 3.92 -3.03	35.80 3.77 -2.85	36.79 3.68 -4.77	42.85 3.81 -9.55	55.46 4.18 -20.55	63.62 5.43 -20.46	65.55 5.92 -18.81	63.75 5.72 -18.01	61.42 4.83 -22.06	49.51 4.33 -13.35	43.27 3.93 -8.67	42.15 3.75 -8.87
PPL_SHRM_GT4 24214	38.28 3.10 -7.74	34.30 3.02 -4.28	31.27 2.93 -2.18	31.11 2.93 -2.05	30.95 3.04 -0.97	36.60 3.26 -5.74	49.12 4.02 -13.16	51.69 4.66 -12.01	50.14 4.60 -11.45	48.27 4.07 -13.40	44.15 4.03 -9.36	41.42 3.93 -6.78	37.31 3.92 -3.03	35.80 3.77 -2.85	36.79 3.68 -4.77	42.85 3.81 -9.55	55.46 4.18 -20.55	63.62 5.43 -20.46	65.55 5.92 -18.81	63.75 5.72 -18.01	61.42 4.83 -22.06	49.51 4.33 -13.35	43.27 3.93 -8.67	42.15 3.75 -8.87
PROJECT___ORANGE 1 24174	27.16 -0.49 -0.22	26.51 -0.49 0.00	25.69 -0.47 0.00	25.64 -0.50 -0.01	26.45 -0.48 0.00	27.61 -0.33 -0.33	32.80 -0.32 -1.18	35.63 -0.39 -1.00	34.50 -0.37 -0.79	30.67 -0.34 -0.21	30.57 -0.37 -0.17	30.30 -0.46 -0.05	29.79 -0.58 0.00	28.63 -0.55 0.00	27.80 -0.54 0.00	29.06 -0.59 -0.15	30.74 -0.40 -0.40	37.82 -0.38 -0.48	40.65 -0.45 -0.28	39.65 -0.48 -0.11	34.59 -0.48 -0.55	32.21 -0.45 -0.82	30.55 -0.49 -0.37	29.47 -0.44 -0.38
PROJECT___ORANGE 2 24166	27.16 -0.49 -0.22	26.51 -0.49 0.00	25.69 -0.47 0.00	25.64 -0.50 -0.01	26.45 -0.48 0.00	27.61 -0.33 -0.33	32.80 -0.32 -1.18	35.63 -0.39 -1.00	34.50 -0.37 -0.79	30.67 -0.34 -0.21	30.57 -0.37 -0.17	30.30 -0.46 -0.05	29.79 -0.58 0.00	28.63 -0.55 0.00	27.80 -0.54 0.00	29.06 -0.59 -0.15	30.74 -0.40 -0.40	37.82 -0.38 -0.48	40.65 -0.45 -0.28	39.65 -0.48 -0.11	34.59 -0.48 -0.55	32.21 -0.45 -0.82	30.55 -0.49 -0.37	29.47 -0.44 -0.38
PUCKETT___SOLAR 323809	28.85 0.71 -0.70	27.86 0.86 0.00	26.81 0.65 0.00	26.81 0.65 -0.02	27.80 0.86 0.00	29.66 0.99 -1.06	37.09 1.37 -3.79	39.71 1.50 -3.19	38.01 1.40 -2.52	32.65 1.17 -0.68	32.40 1.08 -0.55	31.76 0.89 -0.16	31.27 0.91 0.00	30.09 0.91 0.00	29.18 0.85 0.00	30.75 0.77 -0.48	33.22 1.20 -1.29	41.01 1.77 -1.52	43.63 1.92 -0.89	42.21 1.84 -0.35	37.81 1.52 -1.77	35.85 1.40 -2.62	33.05 1.20 -1.18	31.97 1.21 -1.23
PYRITES___HYD 24023	27.19 -0.25 0.00	26.70 -0.30 0.00	25.82 -0.34 0.00	25.85 -0.29 0.00	26.53 -0.40 0.00	26.92 -0.69 0.00	31.20 -0.73 0.00	34.35 -0.67 0.00	33.44 -0.65 0.00	30.12 -0.68 0.00	30.12 -0.65 0.00	30.12 -0.58 0.00	30.00 -0.36 0.00	28.80 -0.38 0.00	27.97 -0.37 0.00	29.06 -0.44 0.00	29.91 -0.83 0.00	36.78 -0.94 0.00	39.97 -0.86 0.00	39.30 -0.72 0.00	33.97 -0.55 0.00	31.16 -0.67 0.00	30.12 -0.55 0.00	28.97 -0.56 0.00
QUAKERRD_115KV_BK1 80622	26.23 -1.48 -0.27	25.40 -1.59 0.00	24.62 -1.54 0.00	24.55 -1.59 -0.01	25.29 -1.64 0.00	26.89 -1.13 -0.41	32.22 -1.18 -1.46	34.78 -1.47 -1.23	33.53 -1.53 -0.98	29.74 -1.32 -0.26	29.66 -1.32 -0.21	29.39 -1.38 -0.06	28.57 -1.79 0.00	27.52 -1.66 0.00	26.69 -1.64 0.00	28.12 -1.56 -0.19	29.91 -1.32 -0.50	36.69 -1.62 -0.59	39.33 -1.84 -0.34	38.16 -2.00 -0.13	33.48 -1.73 -0.68	31.32 -1.53 -1.01	29.60 -1.53 -0.46	28.79 -1.21 -0.48
QUENSBRY_115KV_TB8 356137	31.72 1.76 -2.53	28.75 1.75 0.00	27.86 1.70 0.00	27.90 1.70 -0.06	28.69 1.75 0.00	32.63 1.16 -3.86	47.18 1.47 -13.77	48.33 1.68 -11.63	44.98 1.70 -9.19	34.72 1.45 -2.47	34.01 1.23 -2.01	32.50 1.20 -0.59	31.43 1.06 0.00	30.29 1.11 0.00	29.44 1.11 0.00	32.39 1.15 -1.74	37.00 1.60 -4.67	45.26 2.04 -5.50	46.42 2.37 -3.23	43.41 2.12 -1.26	42.93 1.97 -6.44	43.07 1.69 -9.55	36.51 1.53 -4.30	35.43 1.45 -4.45
RAMAPO___LBMP 323565	30.87 1.54 -1.89	28.51 1.51 0.00	27.68 1.52 0.00	27.67 1.49 -0.05	28.50 1.56 0.00	32.18 1.68 -2.89	44.27 2.04 -10.29	46.12 2.42 -8.69	43.38 2.42 -6.87	34.87 2.22 -1.85	34.52 2.25 -1.51	33.36 2.21 -0.45	32.55 2.19 0.00	31.31 2.13 0.00	30.40 2.07 0.00	32.87 2.07 -1.31	36.45 2.21 -3.50	44.64 2.79 -4.13	46.27 3.02 -2.42	43.89 2.92 -0.94	41.82 2.49 -4.81	41.23 2.26 -7.14	36.00 2.12 -3.21	34.82 1.95 -3.34
RANKINE___ 23646	25.74 -2.03 -0.33	25.49 -1.51 0.00	24.69 -1.46 0.00	24.57 -1.57 -0.01	25.29 -1.64 0.00	26.57 -1.55 -0.51	31.89 -1.85 -1.81	34.16 -2.38 -1.53	32.91 -2.39 -1.21	29.15 -1.97 -0.32	29.12 -1.91 -0.26	28.85 -1.93 -0.08	28.63 -1.73 0.00	27.66 -1.52 0.00	26.78 -1.56 0.00	27.61 -2.12 -0.23	29.39 -1.97 -0.62	35.96 -2.49 -0.73	38.15 -3.10 -0.43	37.07 -3.12 -0.17	32.81 -2.55 -0.84	30.82 -2.26 -1.25	29.09 -2.15 -0.56	28.64 -1.48 -0.59
RAVENSWOOD_GT2_1 24244	31.52 2.06 -2.02	29.00 2.00 0.00	28.15 1.99 0.00	28.14 1.96 -0.05	28.98 2.05 0.00	32.91 2.21 -3.09	45.63 2.68 -11.01	47.47 3.15 -9.30	44.69 3.24 -7.36	43.22 2.96 -9.46	43.13 2.98 -9.37	42.82 2.95 -9.17	42.82 2.95 -9.51	42.52 2.86 -10.48	42.60 2.81 -11.46	42.63 2.83 -10.30	46.86 2.98 -13.14	50.53 3.70 -9.11	54.73 4.00 -9.91	48.90 3.92 -4.96	43.04 3.35 -5.16	42.54 3.06 -7.65	38.25 2.85 -4.73	35.76 2.66 -3.57
RAVENSWOOD_GT2_2 24245	31.52 2.06 -2.02	29.00 2.00 0.00	28.15 1.99 0.00	28.14 1.96 -0.05	28.98 2.05 0.00	32.91 2.21 -3.09	45.63 2.68 -11.01	47.47 3.15 -9.30	44.69 3.24 -7.36	43.22 2.96 -9.46	43.13 2.98 -9.37	42.82 2.95 -9.17	42.82 2.95 -9.51	42.52 2.86 -10.48	42.60 2.81 -11.46	42.63 2.83 -10.30	46.86 2.98 -13.14	50.53 3.70 -9.11	54.73 4.00 -9.91	48.90 3.92 -4.96	43.04 3.35 -5.16	42.54 3.06 -7.65	38.25 2.85 -4.73	35.76 2.66 -3.57
RAVENSWOOD_GT2_3 24246	31.52 2.06 -2.02	29.00 2.00 0.00	28.15 1.99 0.00	28.17 1.99 -0.05	28.98 2.05 0.00	32.91 2.21 -3.09	45.63 2.68 -11.01	47.50 3.19 -9.30	44.73 3.27 -7.36	43.27 2.99 -9.48	43.18 3.02 -9.39	42.88 2.98 -9.19	42.88 2.98 -9.54	42.55 2.86 -10.51	42.63 2.81 -11.49	42.66 2.83 -10.33	46.89 2.98 -13.17	50.58 3.73 -9.12	54.79 4.04 -9.93	48.91 3.92 -4.97	43.04 3.35 -5.16	42.54 3.06 -7.65	38.29 2.88 -4.73	35.76 2.66 -3.57
RAVENSWOOD_GT2_4 24247	31.52 2.06 -2.02	29.00 2.00 0.00	28.15 1.99 0.00	28.17 1.99 -0.05	28.98 2.05 0.00	32.91 2.21 -3.09	45.63 2.68 -11.01	47.50 3.19 -9.30	44.73 3.27 -7.36	43.27 2.99 -9.48	43.18 3.02 -9.39	42.88 2.98 -9.19	42.88 2.98 -9.54	42.55 2.86 -10.51	42.63 2.81 -11.49	42.66 2.83 -10.33	46.89 2.98 -13.17	50.58 3.73 -9.12	54.79 4.04 -9.93	48.91 3.92 -4.97	43.04 3.35 -5.16	42.54 3.06 -7.65	38.29 2.88 -4.73	35.76 2.66 -3.57

RAVENSWOOD_GT3_1 24248	31.52 2.06 -2.02	29.00 2.00 0.00	28.15 1.99 0.00	28.14 1.96 -0.05	28.98 2.05 0.00	32.91 2.21 -3.09	45.63 2.68 -11.01	47.47 3.15 -9.30	44.69 3.24 -7.36	43.22 2.96 -9.46	43.13 2.98 -9.37	42.82 2.95 -9.17	42.82 2.95 -9.51	42.52 2.86 -10.48	42.60 2.81 -11.46	42.64 2.83 -10.30	46.86 2.98 -13.14	50.53 3.70 -9.11	54.73 4.00 -9.91	48.90 3.92 -4.96	43.04 3.35 -5.16	42.54 3.06 -7.65	38.25 2.85 -4.73	35.76 2.66 -3.57
RAVENSWOOD_GT3_2 24249	31.52 2.06 -2.02	29.00 2.00 0.00	28.15 1.99 0.00	28.14 1.96 -0.05	28.98 2.05 0.00	32.91 2.21 -3.09	45.63 2.68 -11.01	47.47 3.15 -9.30	44.69 3.24 -7.36	43.22 2.96 -9.46	43.13 2.98 -9.37	42.82 2.95 -9.17	42.82 2.95 -9.51	42.52 2.86 -10.48	42.60 2.81 -11.46	42.64 2.83 -10.30	46.86 2.98 -13.14	50.53 3.70 -9.11	54.73 4.00 -9.91	48.90 3.92 -4.96	43.04 3.35 -5.16	42.54 3.06 -7.65	38.25 2.85 -4.73	35.76 2.66 -3.57
RAVENSWOOD_GT3_3 24250	31.52 2.06 -2.02	29.00 2.00 0.00	28.15 1.99 0.00	28.14 1.96 -0.05	28.98 2.05 0.00	32.91 2.21 -3.09	45.63 2.68 -11.01	47.47 3.15 -9.30	44.69 3.24 -7.36	43.22 2.96 -9.46	43.13 2.98 -9.37	42.82 2.95 -9.17	42.82 2.95 -9.51	42.52 2.86 -10.48	42.60 2.81 -11.46	42.63 2.83 -10.30	46.86 2.98 -13.14	50.53 3.70 -9.11	54.73 4.00 -9.91	48.90 3.92 -4.96	43.04 3.35 -5.16	42.54 3.06 -7.65	38.25 2.85 -4.73	35.76 2.66 -3.57
RAVENSWOOD_GT3_4 24251	31.52 2.06 -2.02	29.00 2.00 0.00	28.15 1.99 0.00	28.14 1.96 -0.05	28.98 2.05 0.00	32.91 2.21 -3.09	45.63 2.68 -11.01	47.47 3.15 -9.30	44.69 3.24 -7.36	43.22 2.96 -9.46	43.13 2.98 -9.37	42.82 2.95 -9.17	42.82 2.95 -9.51	42.52 2.86 -10.48	42.60 2.81 -11.46	42.63 2.83 -10.30	46.86 2.98 -13.14	50.53 3.70 -9.11	54.73 4.00 -9.91	48.90 3.92 -4.96	43.04 3.35 -5.16	42.54 3.06 -7.65	38.25 2.85 -4.73	35.76 2.66 -3.57
RAVENSWOOD_GT_1 23729	31.63 2.17 -2.02	29.10 2.11 0.00	28.25 2.09 0.00	28.28 2.09 -0.05	29.09 2.15 0.00	33.02 2.32 -3.09	45.76 2.81 -11.01	47.64 3.33 -9.30	47.46 3.41 -9.96	43.37 3.11 -9.46	47.44 3.14 -13.54	47.44 3.10 -13.63	47.44 3.10 -13.98	42.64 2.98 -10.48	42.71 2.92 -11.46	47.41 2.95 -14.96	55.03 3.10 -21.19	57.94 3.89 -16.33	61.70 4.16 -16.71	56.98 4.08 -12.88	52.18 3.49 -14.17	42.69 3.18 -7.67	38.39 2.98 -4.74	35.90 2.81 -3.57
RAVENSWOOD_GT_10 24258	31.52 2.06 -2.02	29.00 2.00 0.00	28.15 1.99 0.00	28.14 1.96 -0.05	28.98 2.05 0.00	32.91 2.21 -3.09	45.63 2.68 -11.01	47.47 3.15 -9.30	44.69 3.24 -7.36	43.22 2.96 -9.46	43.13 2.98 -9.37	42.82 2.95 -9.17	42.82 2.95 -9.51	42.52 2.86 -10.48	42.60 2.81 -11.46	42.63 2.83 -10.30	46.86 2.98 -13.14	50.53 3.70 -9.11	54.73 4.00 -9.91	48.90 3.92 -4.96	43.04 3.35 -5.16	42.54 3.06 -7.65	38.25 2.85 -4.73	35.76 2.66 -3.57
RAVENSWOOD_GT_11 24259	31.52 2.06 -2.02	29.00 2.00 0.00	28.15 1.99 0.00	28.14 1.96 -0.05	28.98 2.05 0.00	32.91 2.21 -3.09	45.63 2.68 -11.01	47.47 3.15 -9.30	44.69 3.24 -7.36	43.22 2.96 -9.46	43.13 2.98 -9.37	42.82 2.95 -9.17	42.82 2.95 -9.51	42.52 2.86 -10.48	42.60 2.81 -11.46	42.63 2.83 -10.30	46.86 2.98 -13.14	50.53 3.70 -9.11	54.73 4.00 -9.91	48.90 3.92 -4.96	43.04 3.35 -5.16	42.54 3.06 -7.65	38.25 2.85 -4.73	35.76 2.66 -3.57
RAVENSWOOD_GT_4 24252	31.50 2.03 -2.02	28.97 1.97 0.00	28.12 1.96 0.00	28.14 1.96 -0.05	28.96 2.02 0.00	32.88 2.18 -3.09	45.60 2.65 -11.01	47.43 3.12 -9.30	44.69 3.24 -7.36	43.22 2.96 -9.46	43.13 2.98 -9.37	42.82 2.95 -9.17	42.79 2.92 -9.51	42.49 2.83 -10.48	42.57 2.78 -11.46	42.60 2.80 -10.30	46.83 2.95 -13.14	50.53 3.70 -9.11	54.69 3.96 -9.91	48.86 3.88 -4.96	43.00 3.31 -5.16	42.51 3.02 -7.65	38.22 2.82 -4.73	35.73 2.63 -3.57
RAVENSWOOD_GT_5 24254	31.50 2.03 -2.02	28.97 1.97 0.00	28.12 1.96 0.00	28.14 1.96 -0.05	28.96 2.02 0.00	32.88 2.18 -3.09	45.60 2.65 -11.01	47.43 3.12 -9.30	44.69 3.24 -7.36	43.22 2.96 -9.46	43.13 2.98 -9.37	42.82 2.95 -9.17	42.79 2.92 -9.51	42.49 2.83 -10.48	42.57 2.78 -11.46	42.60 2.80 -10.30	46.83 2.95 -13.14	50.53 3.70 -9.11	54.69 3.96 -9.91	48.86 3.88 -4.96	43.00 3.31 -5.16	42.51 3.02 -7.65	38.22 2.82 -4.73	35.73 2.63 -3.57
RAVENSWOOD_GT_6 24253	31.50 2.03 -2.02	28.97 1.97 0.00	28.12 1.96 0.00	28.14 1.96 -0.05	28.96 2.02 0.00	32.88 2.18 -3.09	45.60 2.65 -11.01	47.43 3.12 -9.30	44.69 3.24 -7.36	43.22 2.96 -9.46	43.13 2.98 -9.37	42.82 2.95 -9.17	42.79 2.92 -9.51	42.49 2.83 -10.48	42.57 2.78 -11.46	42.60 2.80 -10.30	46.83 2.95 -13.14	50.53 3.70 -9.11	54.69 3.96 -9.91	48.86 3.88 -4.96	43.00 3.31 -5.16	42.51 3.02 -7.65	38.22 2.82 -4.73	35.73 2.63 -3.57
RAVENSWOOD_GT_7 24255	31.50 2.03 -2.02	28.97 1.97 0.00	28.12 1.96 0.00	28.14 1.96 -0.05	28.96 2.02 0.00	32.88 2.18 -3.09	45.60 2.65 -11.01	47.43 3.12 -9.30	44.69 3.24 -7.36	43.22 2.96 -9.46	43.13 2.98 -9.37	42.82 2.95 -9.17	42.79 2.92 -9.51	42.49 2.83 -10.48	42.57 2.78 -11.46	42.60 2.80 -10.30	46.83 2.95 -13.14	50.53 3.70 -9.11	54.69 3.96 -9.91	48.86 3.88 -4.96	43.00 3.31 -5.16	42.51 3.02 -7.65	38.22 2.82 -4.73	35.73 2.63 -3.57
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	31.52 2.06 -2.02	29.00 2.00 0.00	28.15 1.99 0.00	28.14 1.96 -0.05	28.98 2.05 0.00	32.91 2.21 -3.09	45.63 2.68 -11.01	47.47 3.15 -9.30	44.69 3.24 -7.36	43.22 2.96 -9.46	43.13 2.98 -9.37	42.82 2.95 -9.17	42.82 2.95 -9.51	42.52 2.86 -10.48	42.60 2.81 -11.46	42.63 2.83 -10.30	46.86 2.98 -13.14	50.53 3.70 -9.11	54.73 4.00 -9.91	48.90 3.92 -4.96	43.04 3.35 -5.16	42.54 3.06 -7.65	38.25 2.85 -4.73	35.76 2.66 -3.57
RAVENSWOOD_GT_9 24257	31.52 2.06 -2.02	29.00 2.00 0.00	28.15 1.99 0.00	28.14 1.96 -0.05	28.98 2.05 0.00	32.91 2.21 -3.09	45.63 2.68 -11.01	47.47 3.15 -9.30	44.69 3.24 -7.36	43.22 2.96 -9.46	43.13 2.98 -9.37	42.82 2.95 -9.17	42.82 2.95 -9.51	42.52 2.86 -10.48	42.60 2.81 -11.46	42.63 2.83 -10.30	46.86 2.98 -13.14	50.53 3.70 -9.11	54.73 4.00 -9.91	48.90 3.92 -4.96	43.04 3.35 -5.16	42.54 3.06 -7.65	38.25 2.85 -4.73	35.76 2.66 -3.57
RAVENSWOOD___1 23533	31.64 2.17 -2.03	29.11 2.11 -0.01	28.23 2.07 -0.01	28.26 2.06 -0.06	29.10 2.16 -0.01	33.03 2.32 -3.10	45.77 2.81 -11.02	47.67 3.36 -9.29	47.44 3.41 -9.95	43.36 3.11 -9.45	47.44 3.14 -13.54	47.44 3.10 -13.63	47.44 3.10 -13.98	42.64 2.98 -10.48	42.71 2.92 -11.46	47.41 2.95 -14.96	55.03 3.10 -21.19	57.94 3.89 -16.33	61.70 4.17 -16.71	56.98 4.08 -12.88	52.17 3.49 -14.16	42.67 3.18 -7.66	38.39 2.97 -4.74	35.92 2.81 -3.58
RAVENSWOOD___2 23534	31.64 2.17 -2.03	29.11 2.11 -0.01	28.23 2.07 -0.01	28.26 2.06 -0.06	29.10 2.16 -0.01	33.03 2.32 -3.10	45.77 2.81 -11.02	47.67 3.36 -9.29	47.44 3.41 -9.95	43.36 3.11 -9.45	47.44 3.14 -13.54	47.44 3.10 -13.63	47.44 3.10 -13.98	42.64 2.98 -10.48	42.71 2.92 -11.46	47.41 2.95 -14.96	55.03 3.10 -21.19	57.94 3.89 -16.33	61.70 4.17 -16.71	56.98 4.08 -12.88	52.17 3.49 -14.16	42.67 3.18 -7.66	38.39 2.97 -4.74	35.92 2.81 -3.58

RAVENSWOOD___3 23535	31.52 2.06 -2.02	29.00 2.00 0.00	28.12 1.96 0.00	28.12 1.93 -0.05	28.96 2.02 0.00	32.91 2.21 -3.09	45.63 2.68 -11.01	47.48 3.19 -9.28	44.71 3.27 -7.35	43.22 2.96 -9.46	43.14 2.98 -9.38	42.84 2.95 -9.18	42.84 2.94 -9.53	42.54 2.86 -10.50	42.59 2.78 -11.47	42.65 2.83 -10.31	46.84 2.95 -13.16	50.54 3.70 -9.12	54.74 4.00 -9.92	48.91 3.92 -4.96	43.02 3.35 -5.15	42.49 3.03 -7.64	38.25 2.85 -4.72	35.76 2.66 -3.57
RAVENSWOOD___4 23820	31.64 2.17 -2.03	29.11 2.11 -0.01	28.23 2.07 -0.01	28.26 2.06 -0.06	29.10 2.16 -0.01	33.03 2.32 -3.10	45.77 2.81 -11.02	47.67 3.36 -9.29	47.44 3.41 -9.95	43.36 3.11 -9.45	47.44 3.14 -13.54	47.44 3.10 -13.63	47.44 3.10 -13.98	42.64 2.98 -10.48	42.71 2.92 -11.46	47.41 2.95 -14.96	55.03 3.10 -21.19	57.94 3.89 -16.33	61.70 4.17 -16.71	56.98 4.08 -12.88	52.17 3.49 -14.16	42.67 3.18 -7.66	38.39 2.97 -4.74	35.92 2.81 -3.58
RCPL_TRUST___DRP 24196	31.52 2.06 -2.02	29.00 2.00 0.00	28.15 1.99 0.00	28.14 1.96 -0.05	28.98 2.05 0.00	32.91 2.21 -3.09	45.63 2.68 -11.01	47.50 3.19 -9.30	44.79 3.34 -7.36	43.15 3.05 -9.30	43.06 3.08 -9.21	42.74 3.04 -8.99	42.72 3.04 -9.32	42.36 2.92 -10.26	42.42 2.86 -11.22	42.51 2.89 -10.12	46.73 3.04 -12.95	50.54 3.81 -9.01	54.66 4.08 -9.75	48.90 4.00 -4.88	43.10 3.42 -5.16	42.57 3.09 -7.65	38.29 2.91 -4.70	35.79 2.69 -3.57
RED___ROCHESTER 323720	26.83 -0.88 -0.27	26.00 -1.00 0.00	25.30 -0.86 0.00	25.30 -0.84 -0.01	25.81 -1.13 0.00	27.56 -0.47 -0.42	33.04 -0.38 -1.49	35.60 -0.67 -1.25	34.33 -0.75 -0.99	30.48 -0.59 -0.27	30.40 -0.59 -0.22	30.09 -0.68 -0.06	29.24 -1.12 0.00	28.16 -1.02 0.00	27.32 -1.02 0.00	28.81 -0.88 -0.19	30.66 -0.58 -0.51	37.60 -0.72 -0.60	40.31 -0.86 -0.35	39.08 -1.08 -0.14	34.32 -0.90 -0.69	32.07 -0.79 -1.03	30.22 -0.92 -0.46	29.54 -0.47 -0.48
REGAN___SOLAR 323812	33.51 3.29 -2.78	30.32 3.32 0.00	29.27 3.11 0.00	29.34 3.13 -0.07	30.27 3.34 0.00	35.41 3.56 -4.24	51.44 4.38 -15.13	52.30 4.52 -12.77	48.37 4.19 -10.09	37.12 3.60 -2.71	36.25 3.26 -2.22	34.50 3.13 -0.66	33.40 3.04 0.00	32.13 2.95 0.00	31.28 2.95 0.00	34.67 3.25 -1.93	39.99 4.09 -5.16	49.09 5.28 -6.09	50.32 5.92 -3.58	46.81 5.40 -1.39	46.46 4.87 -7.07	46.77 4.46 -10.49	39.47 4.08 -4.72	38.35 3.90 -4.93
RENSSELAER___COGEN 23796	31.31 1.43 -2.45	28.45 1.46 0.00	27.54 1.39 0.00	27.58 1.38 -0.06	28.39 1.45 0.00	32.81 1.46 -3.74	46.67 1.40 -13.34	47.50 1.30 -11.19	44.19 1.26 -8.84	34.44 1.26 -2.38	34.00 1.29 -1.94	32.60 1.32 -0.57	31.58 1.22 0.00	30.41 1.23 0.00	29.55 1.22 0.00	32.39 1.21 -1.68	36.48 1.23 -4.51	44.47 1.43 -5.32	45.50 1.55 -3.12	42.72 1.48 -1.22	41.99 1.28 -6.19	42.16 1.14 -9.19	36.04 1.23 -4.13	35.18 1.33 -4.32
REPUBLIC_115KV_BARTNBRK 55605	32.55 2.58 -2.53	29.59 2.59 0.00	28.62 2.46 0.00	28.68 2.48 -0.06	29.47 2.53 0.00	33.51 2.04 -3.86	48.32 2.62 -13.76	49.54 2.91 -11.62	46.41 3.14 -9.18	35.92 2.65 -2.47	35.05 2.28 -2.01	33.48 2.18 -0.59	32.19 1.82 0.00	31.05 1.87 0.00	30.21 1.87 0.00	33.25 2.01 -1.74	38.14 2.74 -4.67	46.69 3.47 -5.50	48.06 4.00 -3.23	44.85 3.56 -1.26	44.30 3.35 -6.43	44.24 2.86 -9.54	37.61 2.64 -4.30	36.49 2.51 -4.45
REVERE_CPPR_DRP 24186	28.63 1.07 -0.11	28.05 1.05 0.00	27.18 1.02 0.00	27.16 1.02 0.00	28.07 1.13 0.00	29.14 1.35 -0.18	34.38 1.82 -0.63	37.61 2.07 -0.53	36.55 2.05 -0.42	32.67 1.76 -0.11	32.55 1.69 -0.09	32.30 1.57 -0.03	31.82 1.46 0.00	30.55 1.37 0.00	29.67 1.33 0.00	30.91 1.33 -0.08	32.61 1.66 -0.21	40.20 2.23 -0.25	43.42 2.45 -0.15	42.52 2.44 -0.06	36.82 2.00 -0.29	34.02 1.75 -0.43	32.37 1.50 -0.20	31.12 1.39 -0.20
REYNOLDS_115KV_TB3 80639	31.40 1.51 -2.45	28.54 1.54 0.00	27.65 1.49 0.00	27.69 1.49 -0.06	28.47 1.54 0.00	32.93 1.57 -3.75	46.95 1.66 -13.36	48.04 1.75 -11.28	44.67 1.67 -8.91	34.80 1.60 -2.40	34.34 1.63 -1.94	32.94 1.66 -0.57	31.91 1.55 0.00	30.70 1.52 0.00	29.81 1.47 0.00	32.69 1.50 -1.68	36.81 1.57 -4.51	44.96 1.92 -5.31	45.99 2.04 -3.12	43.21 1.96 -1.23	42.46 1.69 -6.24	42.65 1.56 -9.26	36.41 1.56 -4.17	35.44 1.59 -4.32
RIVERBAY____ 323610	31.88 2.41 -2.02	29.37 2.38 0.00	28.51 2.35 0.00	28.54 2.35 -0.05	29.39 2.45 0.00	33.29 2.60 -3.09	46.02 3.07 -11.01	47.85 3.54 -9.30	45.03 3.58 -7.36	36.27 3.23 -2.23	35.94 3.29 -1.88	34.70 3.22 -0.78	33.91 3.22 -0.33	32.66 3.12 -0.36	31.79 3.06 -0.40	34.30 3.10 -1.70	38.10 3.29 -4.07	46.41 4.11 -4.57	48.08 4.41 -2.84	45.49 4.32 -1.14	43.37 3.69 -5.16	42.85 3.37 -7.65	37.34 3.19 -3.47	36.08 2.98 -3.57
RIVERSDE_115KV_TB3 55908	31.41 1.51 -2.46	28.54 1.54 0.00	27.65 1.49 0.00	27.69 1.49 -0.06	28.47 1.54 0.00	32.91 1.55 -3.75	46.89 1.56 -13.39	47.89 1.58 -11.30	44.52 1.50 -8.93	34.65 1.45 -2.40	34.19 1.48 -1.95	32.82 1.54 -0.58	31.76 1.40 0.00	30.58 1.40 0.00	29.70 1.36 0.00	32.57 1.39 -1.69	36.67 1.41 -4.52	44.75 1.70 -5.33	45.79 1.84 -3.13	43.01 1.76 -1.23	42.30 1.52 -6.26	42.48 1.37 -9.28	36.29 1.44 -4.18	35.37 1.51 -4.33
ROARING___BROOK_WT_PWR 323790	26.73 -0.71 0.00	26.32 -0.67 0.00	25.58 -0.58 0.00	25.58 -0.55 0.00	26.40 -0.54 0.00	27.03 -0.58 0.00	31.26 -0.67 0.00	34.32 -0.70 0.00	33.41 -0.68 0.00	30.19 -0.62 0.00	30.15 -0.62 0.00	30.06 -0.65 0.00	29.70 -0.67 0.00	28.45 -0.73 0.00	27.57 -0.76 0.00	28.71 -0.80 0.00	29.85 -0.89 0.00	36.70 -1.02 0.00	39.84 -0.98 0.00	39.14 -0.88 0.00	33.80 -0.73 0.00	31.16 -0.67 0.00	30.12 -0.55 0.00	29.03 -0.50 0.00
ROCHESRG_115KV_T4 355643	26.61 -1.10 -0.27	25.76 -1.24 0.00	24.96 -1.20 0.00	24.86 -1.28 -0.01	25.62 -1.32 0.00	27.28 -0.75 -0.41	32.65 -0.77 -1.48	35.18 -1.09 -1.25	33.95 -1.12 -0.99	30.11 -0.95 -0.26	30.06 -0.92 -0.22	29.79 -0.98 -0.06	28.94 -1.43 0.00	27.90 -1.28 0.00	27.03 -1.30 0.00	28.51 -1.18 -0.19	30.32 -0.92 -0.50	37.11 -1.21 -0.59	39.74 -1.43 -0.35	38.56 -1.60 -0.14	33.90 -1.31 -0.69	31.68 -1.18 -1.02	30.00 -1.13 -0.46	29.24 -0.77 -0.48
ROCHESTER_9_IC 23652	26.75 -0.96 -0.27	25.89 -1.11 0.00	25.09 -1.07 0.00	24.99 -1.15 -0.01	25.75 -1.19 0.00	27.44 -0.58 -0.42	32.88 -0.54 -1.49	35.43 -0.84 -1.26	34.20 -0.89 -0.99	30.33 -0.74 -0.27	30.28 -0.71 -0.22	29.97 -0.80 -0.06	29.12 -1.24 0.00	28.04 -1.14 0.00	27.20 -1.13 0.00	28.69 -1.00 -0.19	30.51 -0.74 -0.51	37.37 -0.94 -0.60	40.03 -1.14 -0.35	38.84 -1.32 -0.14	34.11 -1.10 -0.70	31.91 -0.95 -1.03	30.19 -0.95 -0.46	29.42 -0.59 -0.48
ROCKVIEW_13_KV_LD 356306	31.44 1.98 -2.02	28.94 1.94 0.00	28.09 1.94 0.00	28.09 1.91 -0.05	28.93 1.99 0.00	32.85 2.15 -3.09	45.57 2.62 -11.01	47.43 3.12 -9.30	44.64 3.20 -7.35	35.70 2.93 -1.98	35.33 2.95 -1.61	34.10 2.92 -0.48	33.28 2.92 0.00	31.98 2.80 0.00	31.08 2.75 0.00	33.70 2.80 -1.40	37.40 2.92 -3.75	45.80 3.66 -4.42	47.38 3.96 -2.59	44.92 3.88 -1.01	42.98 3.31 -5.15	42.46 2.99 -7.64	36.87 2.76 -3.44	35.67 2.57 -3.57

ROME____115KV_TB2 80656	28.63 1.07 -0.11	28.05 1.05 0.00	27.18 1.02 0.00	27.16 1.02 0.00	28.07 1.13 0.00	29.14 1.35 -0.18	34.38 1.82 -0.63	37.61 2.07 -0.53	36.55 2.05 -0.42	32.67 1.76 -0.11	32.55 1.69 -0.09	32.30 1.57 -0.03	31.82 1.46 0.00	30.55 1.37 0.00	29.67 1.33 0.00	30.91 1.33 -0.08	32.61 1.66 -0.21	40.20 2.23 -0.25	43.42 2.45 -0.15	42.52 2.44 -0.06	36.82 2.00 -0.29	34.02 1.75 -0.43	32.37 1.50 -0.20	31.12 1.39 -0.20
ROSETON____1 23587	31.09 1.65 -2.00	28.62 1.62 0.00	27.73 1.57 0.00	27.75 1.57 -0.05	28.58 1.64 0.00	32.44 1.77 -3.06	44.99 2.14 -10.92	46.70 2.49 -9.20	43.88 2.52 -7.27	35.03 2.28 -1.95	34.67 2.31 -1.60	33.45 2.27 -0.47	32.61 2.25 0.00	31.37 2.19 0.00	30.46 2.13 0.00	33.04 2.15 -1.39	36.73 2.27 -3.71	44.96 2.87 -4.38	46.50 3.10 -2.57	44.03 3.00 -1.00	42.21 2.59 -5.09	41.74 2.36 -7.56	36.28 2.21 -3.40	35.14 2.07 -3.54
ROSETON____2 23588	31.09 1.65 -2.00	28.62 1.62 0.00	27.73 1.57 0.00	27.75 1.57 -0.05	28.58 1.64 0.00	32.44 1.77 -3.06	44.99 2.14 -10.92	46.70 2.49 -9.20	43.88 2.52 -7.27	35.03 2.28 -1.95	34.67 2.31 -1.60	33.45 2.27 -0.47	32.61 2.25 0.00	31.37 2.19 0.00	30.46 2.13 0.00	33.04 2.15 -1.39	36.73 2.27 -3.71	44.96 2.87 -4.38	46.50 3.10 -2.57	44.03 3.00 -1.00	42.21 2.59 -5.09	41.74 2.36 -7.56	36.28 2.21 -3.40	35.14 2.07 -3.54
ROTTTRDAM_115KV_TB3 80664	31.17 1.18 -2.55	28.19 1.19 0.00	27.31 1.15 0.00	27.35 1.15 -0.06	28.12 1.19 0.00	32.70 1.19 -3.90	47.28 1.44 -13.91	48.23 1.47 -11.74	44.87 1.50 -9.28	34.62 1.32 -2.50	34.10 1.29 -2.04	32.57 1.26 -0.60	31.55 1.18 0.00	30.35 1.17 0.00	29.50 1.16 0.00	32.45 1.18 -1.77	36.84 1.35 -4.75	44.98 1.66 -5.60	45.91 1.80 -3.29	43.02 1.72 -1.28	42.54 1.52 -6.50	42.88 1.40 -9.64	36.33 1.32 -4.34	35.30 1.24 -4.53
RUSSELL____1 23602	26.84 -0.88 -0.27	26.00 -1.00 0.00	25.19 -0.97 0.00	25.10 -1.05 -0.01	25.86 -1.08 0.00	27.56 -0.47 -0.42	33.04 -0.38 -1.49	35.61 -0.67 -1.26	34.37 -0.72 -0.99	30.48 -0.59 -0.27	30.40 -0.58 -0.22	30.09 -0.68 -0.06	29.24 -1.12 0.00	28.16 -1.02 0.00	27.31 -1.02 0.00	28.80 -0.89 -0.19	30.66 -0.58 -0.51	37.60 -0.72 -0.60	40.32 -0.86 -0.35	39.08 -1.08 -0.14	34.32 -0.90 -0.70	32.07 -0.80 -1.03	30.31 -0.83 -0.46	29.54 -0.47 -0.48
RUSSELL____2 23532	26.84 -0.88 -0.27	26.00 -1.00 0.00	25.19 -0.97 0.00	25.10 -1.05 -0.01	25.86 -1.08 0.00	27.56 -0.47 -0.42	33.04 -0.38 -1.49	35.61 -0.67 -1.26	34.37 -0.72 -0.99	30.48 -0.59 -0.27	30.40 -0.58 -0.22	30.09 -0.68 -0.06	29.24 -1.12 0.00	28.16 -1.02 0.00	27.31 -1.02 0.00	28.80 -0.89 -0.19	30.66 -0.58 -0.51	37.60 -0.72 -0.60	40.32 -0.86 -0.35	39.08 -1.08 -0.14	34.32 -0.90 -0.70	32.07 -0.80 -1.03	30.31 -0.83 -0.46	29.54 -0.47 -0.48
RUSSELL____3 23549	26.84 -0.88 -0.27	26.00 -1.00 0.00	25.19 -0.97 0.00	25.10 -1.05 -0.01	25.86 -1.08 0.00	27.56 -0.47 -0.42	33.04 -0.38 -1.49	35.61 -0.67 -1.26	34.37 -0.72 -0.99	30.48 -0.59 -0.27	30.40 -0.58 -0.22	30.09 -0.68 -0.06	29.24 -1.12 0.00	28.16 -1.02 0.00	27.31 -1.02 0.00	28.80 -0.89 -0.19	30.66 -0.58 -0.51	37.60 -0.72 -0.60	40.32 -0.86 -0.35	39.08 -1.08 -0.14	34.32 -0.90 -0.70	32.07 -0.80 -1.03	30.31 -0.83 -0.46	29.54 -0.47 -0.48
RUSSELL____4 23556	26.84 -0.88 -0.27	26.00 -1.00 0.00	25.19 -0.97 0.00	25.10 -1.05 -0.01	25.86 -1.08 0.00	27.56 -0.47 -0.42	33.04 -0.38 -1.49	35.61 -0.67 -1.26	34.37 -0.72 -0.99	30.48 -0.59 -0.27	30.40 -0.58 -0.22	30.09 -0.68 -0.06	29.24 -1.12 0.00	28.16 -1.02 0.00	27.31 -1.02 0.00	28.80 -0.89 -0.19	30.66 -0.58 -0.51	37.60 -0.72 -0.60	40.32 -0.86 -0.35	39.08 -1.08 -0.14	34.32 -0.90 -0.70	32.07 -0.80 -1.03	30.31 -0.83 -0.46	29.54 -0.47 -0.48
RUSSELL____STATION 23914	26.84 -0.88 -0.27	26.00 -1.00 0.00	25.19 -0.97 0.00	25.10 -1.05 -0.01	25.86 -1.08 0.00	27.56 -0.47 -0.42	33.04 -0.38 -1.49	35.61 -0.67 -1.26	34.37 -0.72 -0.99	30.48 -0.59 -0.27	30.40 -0.58 -0.22	30.09 -0.68 -0.06	29.24 -1.12 0.00	28.16 -1.02 0.00	27.31 -1.02 0.00	28.80 -0.89 -0.19	30.66 -0.58 -0.51	37.60 -0.72 -0.60	40.32 -0.86 -0.35	39.08 -1.08 -0.14	34.32 -0.90 -0.70	32.07 -0.80 -1.03	30.31 -0.83 -0.46	29.54 -0.47 -0.48
S SALMON____HYD 24043	27.04 -0.58 -0.18	26.40 -0.59 0.00	25.58 -0.58 0.00	25.56 -0.58 0.00	26.37 -0.57 0.00	27.49 -0.39 -0.27	32.60 -0.29 -0.96	35.51 -0.32 -0.81	34.39 -0.34 -0.64	30.69 -0.28 -0.17	30.57 -0.34 -0.14	30.29 -0.46 -0.04	29.79 -0.58 0.00	28.62 -0.56 0.00	27.80 -0.54 0.00	29.03 -0.59 -0.12	30.66 -0.40 -0.33	37.76 -0.34 -0.38	40.72 -0.33 -0.23	39.79 -0.32 -0.09	34.59 -0.38 -0.45	32.14 -0.35 -0.66	30.57 -0.40 -0.30	29.43 -0.41 -0.31
S.PERRY__115KV_TB1 80734	28.01 0.16 -0.41	27.24 0.24 0.00	26.39 0.24 0.00	26.35 0.21 -0.01	27.20 0.27 0.00	28.92 0.69 -0.62	35.34 1.18 -2.22	38.08 1.19 -1.88	36.53 0.95 -1.48	31.94 0.74 -0.40	31.71 0.62 -0.33	31.32 0.52 -0.10	30.73 0.36 0.00	29.56 0.38 0.00	28.70 0.37 0.00	30.14 0.35 -0.28	32.54 1.05 -0.76	40.23 1.62 -0.89	43.27 1.92 -0.52	41.83 1.60 -0.20	36.84 1.28 -1.04	34.55 1.18 -1.54	32.32 0.95 -0.69	31.37 1.12 -0.72
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	25.73 -2.03 -0.32	25.24 -1.75 0.00	24.46 -1.70 0.00	24.34 -1.80 -0.01	25.02 -1.91 0.00	26.50 -1.60 -0.49	31.74 -1.95 -1.75	33.97 -2.52 -1.48	32.73 -2.52 -1.17	29.05 -2.06 -0.31	29.02 -2.00 -0.26	28.72 -2.06 -0.08	28.27 -2.10 0.00	27.31 -1.87 0.00	26.46 -1.87 0.00	27.54 -2.18 -0.22	29.24 -2.09 -0.60	35.71 -2.72 -0.70	37.89 -3.35 -0.41	36.82 -3.36 -0.16	32.61 -2.73 -0.82	30.62 -2.42 -1.21	28.95 -2.27 -0.55	28.50 -1.59 -0.57
SAWYER__23_KV_LOAD 55526	25.73 -2.03 -0.32	25.24 -1.75 0.00	24.46 -1.70 0.00	24.34 -1.80 -0.01	25.02 -1.91 0.00	26.50 -1.60 -0.49	31.74 -1.95 -1.75	33.97 -2.52 -1.48	32.73 -2.52 -1.17	29.05 -2.06 -0.31	29.02 -2.00 -0.26	28.72 -2.06 -0.08	28.27 -2.10 0.00	27.31 -1.87 0.00	26.46 -1.87 0.00	27.54 -2.18 -0.22	29.24 -2.09 -0.60	35.71 -2.72 -0.70	37.89 -3.35 -0.41	36.82 -3.36 -0.16	32.61 -2.73 -0.82	30.62 -2.42 -1.21	28.95 -2.27 -0.55	28.50 -1.59 -0.57
SELKIRK____I 23801	31.28 1.43 -2.41	28.43 1.43 0.00	27.52 1.36 0.00	27.55 1.36 -0.06	28.36 1.43 0.00	32.75 1.46 -3.68	46.59 1.53 -13.12	47.56 1.50 -11.04	44.24 1.43 -8.72	34.50 1.35 -2.34	34.04 1.35 -1.92	32.62 1.35 -0.57	31.64 1.28 0.00	30.46 1.28 0.00	29.58 1.25 0.00	32.43 1.27 -1.66	36.54 1.35 -4.45	44.59 1.62 -5.25	45.66 1.75 -3.08	42.94 1.72 -1.20	42.12 1.48 -6.11	42.26 1.37 -9.06	36.14 1.38 -4.08	35.20 1.42 -4.26
SELKIRK____II 23799	31.17 1.29 -2.44	28.32 1.32 0.00	27.39 1.23 0.00	27.45 1.25 -0.06	28.25 1.32 0.00	32.68 1.35 -3.72	46.61 1.40 -13.27	47.57 1.40 -11.16	44.27 1.36 -8.82	34.46 1.29 -2.37	34.03 1.32 -1.94	32.60 1.32 -0.57	31.61 1.25 0.00	30.41 1.23 0.00	29.55 1.22 0.00	32.39 1.21 -1.68	36.50 1.26 -4.50	44.54 1.51 -5.31	45.57 1.63 -3.12	42.84 1.60 -1.21	42.04 1.35 -6.18	42.23 1.24 -9.16	36.06 1.26 -4.12	35.13 1.30 -4.31

SENECA OSWGO___HYD 24041	26.90 -0.74 -0.20	26.24 -0.76 0.00	25.43 -0.73 0.00	25.41 -0.73 0.00	26.18 -0.75 0.00	27.33 -0.58 -0.30	32.44 -0.57 -1.07	35.25 -0.67 -0.91	34.12 -0.68 -0.72	30.38 -0.62 -0.19	30.28 -0.65 -0.16	30.01 -0.74 -0.05	29.51 -0.85 0.00	28.36 -0.82 0.00	27.54 -0.79 0.00	28.81 -0.83 -0.14	30.46 -0.65 -0.37	37.47 -0.68 -0.43	40.34 -0.73 -0.25	39.36 -0.76 -0.10	34.30 -0.73 -0.50	31.90 -0.67 -0.74	30.27 -0.74 -0.33	29.23 -0.65 -0.35
SENECA___115KV_TB3 355854	25.77 -2.00 -0.33	25.54 -1.46 0.00	24.75 -1.41 0.00	24.63 -1.52 -0.01	25.35 -1.59 0.00	26.60 -1.52 -0.51	31.95 -1.79 -1.81	34.23 -2.31 -1.53	32.98 -2.32 -1.21	29.22 -1.91 -0.32	29.19 -1.85 -0.26	28.88 -1.90 -0.08	28.69 -1.67 0.00	27.72 -1.46 0.00	26.83 -1.50 0.00	27.66 -2.07 -0.23	29.42 -1.94 -0.62	36.03 -2.41 -0.73	38.23 -3.02 -0.43	37.15 -3.04 -0.17	32.88 -2.49 -0.84	30.89 -2.20 -1.25	29.15 -2.09 -0.56	28.67 -1.45 -0.59
SENECA___ENERGY 23797	27.33 -0.41 -0.30	26.62 -0.38 0.00	25.74 -0.42 0.00	25.75 -0.39 -0.01	26.58 -0.35 0.00	28.01 -0.06 -0.45	33.61 0.06 -1.61	36.41 0.04 -1.36	35.13 -0.03 -1.08	31.09 0.00 -0.29	30.94 -0.06 -0.24	30.59 -0.18 -0.07	30.06 -0.30 0.00	28.89 -0.29 0.00	28.02 -0.31 0.00	29.32 -0.38 -0.21	31.23 -0.06 -0.55	38.44 0.08 -0.65	41.29 0.08 -0.38	40.17 0.00 -0.15	35.17 -0.10 -0.75	32.89 -0.06 -1.12	30.97 -0.21 -0.50	29.99 -0.06 -0.52
SHOEMAKER___GT 23640	30.63 1.37 -1.81	28.37 1.38 0.00	27.47 1.31 0.00	27.49 1.31 -0.05	28.31 1.37 0.00	31.87 1.49 -2.77	43.64 1.82 -9.88	45.44 2.10 -8.33	42.75 2.08 -6.58	34.42 1.85 -1.77	34.09 1.88 -1.45	32.94 1.81 -0.43	32.16 1.79 0.00	30.90 1.72 0.00	30.03 1.70 0.00	32.49 1.74 -1.25	35.94 1.84 -3.36	44.06 2.38 -3.96	45.72 2.57 -2.33	43.41 2.48 -0.90	41.24 2.11 -4.61	40.61 1.94 -6.84	35.56 1.81 -3.08	34.42 1.68 -3.20
SHOEMAKR_138KV_BK 111 55601	30.61 1.37 -1.80	28.35 1.35 0.00	27.49 1.33 0.00	27.51 1.33 -0.04	28.31 1.37 0.00	31.85 1.49 -2.75	43.57 1.82 -9.82	45.40 2.10 -8.29	42.72 2.08 -6.55	34.44 1.88 -1.76	34.08 1.88 -1.44	32.97 1.84 -0.43	32.16 1.79 0.00	30.93 1.75 0.00	30.06 1.73 0.00	32.49 1.74 -1.25	35.95 1.88 -3.34	44.03 2.38 -3.94	45.75 2.61 -2.31	43.41 2.48 -0.90	41.25 2.14 -4.59	40.58 1.94 -6.81	35.58 1.84 -3.06	34.39 1.68 -3.18
SHOREHAM_IC_1 23715	38.28 3.10 -7.74	34.30 3.02 -4.28	31.27 2.93 -2.18	31.11 2.93 -2.05	30.95 3.04 -0.97	36.60 3.26 -5.74	49.12 4.02 -13.16	51.69 4.66 -12.01	50.14 4.60 -11.45	48.27 4.07 -13.40	44.15 4.03 -9.36	41.42 3.93 -6.78	37.31 3.92 -3.03	35.80 3.77 -2.85	36.79 3.68 -4.77	42.85 3.81 -9.55	55.46 4.18 -20.55	63.62 5.43 -20.46	65.55 5.92 -18.81	63.75 5.72 -18.01	61.42 4.83 -22.06	49.51 4.33 -13.35	43.27 3.93 -8.67	42.15 3.75 -8.87
SHOREHAM_IC_2 23716	38.28 3.10 -7.74	34.30 3.02 -4.28	31.27 2.93 -2.18	31.11 2.93 -2.05	30.95 3.04 -0.97	36.60 3.26 -5.74	49.12 4.02 -13.16	51.69 4.66 -12.01	50.14 4.60 -11.45	48.27 4.07 -13.40	44.15 4.03 -9.36	41.42 3.93 -6.78	37.31 3.92 -3.03	35.80 3.77 -2.85	36.79 3.68 -4.77	42.85 3.81 -9.55	55.46 4.18 -20.55	63.62 5.43 -20.46	65.55 5.92 -18.81	63.75 5.72 -18.01	61.42 4.83 -22.06	49.51 4.33 -13.35	43.27 3.93 -8.67	42.15 3.75 -8.87
SISSONVILLE___ 23735	26.60 -0.88 -0.03	26.08 -0.92 0.00	25.22 -0.94 0.00	25.25 -0.89 0.00	25.91 -1.02 0.00	26.28 -1.38 -0.05	30.49 -1.63 -0.18	33.49 -1.68 -0.15	32.51 -1.70 -0.12	29.23 -1.60 -0.03	29.32 -1.48 -0.03	29.39 -1.32 -0.01	29.21 -1.15 0.00	28.04 -1.14 0.00	27.20 -1.13 0.00	28.34 -1.18 -0.02	29.17 -1.63 -0.06	35.83 -1.96 -0.07	38.87 -2.00 -0.04	38.20 -1.84 -0.02	33.09 -1.52 -0.08	30.46 -1.50 -0.12	29.47 -1.26 -0.06	28.44 -1.15 -0.06
SITHE_IND_GS1 24169	26.53 -1.07 -0.16	25.92 -1.08 0.00	25.11 -1.05 0.00	25.09 -1.05 0.00	25.83 -1.11 0.00	26.89 -0.97 -0.25	31.76 -1.05 -0.88	34.57 -1.19 -0.74	33.48 -1.19 -0.59	29.88 -1.08 -0.16	29.82 -1.08 -0.13	29.61 -1.14 -0.04	29.15 -1.22 0.00	28.01 -1.17 0.00	27.20 -1.13 0.00	28.43 -1.18 -0.11	29.96 -1.08 -0.30	36.79 -1.28 -0.35	39.60 -1.43 -0.21	38.67 -1.44 -0.08	33.69 -1.24 -0.41	31.30 -1.14 -0.61	29.78 -1.17 -0.27	28.75 -1.06 -0.29
SITHE_IND_GS2 24170	26.53 -1.07 -0.16	25.92 -1.08 0.00	25.11 -1.05 0.00	25.09 -1.05 0.00	25.83 -1.11 0.00	26.89 -0.97 -0.25	31.76 -1.05 -0.88	34.57 -1.19 -0.74	33.48 -1.19 -0.59	29.88 -1.08 -0.16	29.82 -1.08 -0.13	29.61 -1.14 -0.04	29.15 -1.22 0.00	28.01 -1.17 0.00	27.20 -1.13 0.00	28.43 -1.18 -0.11	29.96 -1.08 -0.30	36.79 -1.28 -0.35	39.60 -1.43 -0.21	38.67 -1.44 -0.08	33.69 -1.24 -0.41	31.30 -1.14 -0.61	29.78 -1.17 -0.27	28.75 -1.06 -0.29
SITHE_IND_GS3 24171	26.53 -1.07 -0.16	25.92 -1.08 0.00	25.11 -1.05 0.00	25.09 -1.05 0.00	25.83 -1.11 0.00	26.89 -0.97 -0.25	31.76 -1.05 -0.88	34.57 -1.19 -0.74	33.48 -1.19 -0.59	29.88 -1.08 -0.16	29.82 -1.08 -0.13	29.61 -1.14 -0.04	29.15 -1.22 0.00	28.01 -1.17 0.00	27.20 -1.13 0.00	28.43 -1.18 -0.11	29.96 -1.08 -0.30	36.79 -1.28 -0.35	39.60 -1.43 -0.21	38.67 -1.44 -0.08	33.69 -1.24 -0.41	31.30 -1.14 -0.61	29.78 -1.17 -0.27	28.75 -1.06 -0.29
SITHE_IND_GS4 24172	26.53 -1.07 -0.16	25.92 -1.08 0.00	25.11 -1.05 0.00	25.09 -1.05 0.00	25.83 -1.11 0.00	26.89 -0.97 -0.25	31.76 -1.05 -0.88	34.57 -1.19 -0.74	33.48 -1.19 -0.59	29.88 -1.08 -0.16	29.82 -1.08 -0.13	29.61 -1.14 -0.04	29.15 -1.22 0.00	28.01 -1.17 0.00	27.20 -1.13 0.00	28.43 -1.18 -0.11	29.96 -1.08 -0.30	36.79 -1.28 -0.35	39.60 -1.43 -0.21	38.67 -1.44 -0.08	33.69 -1.24 -0.41	31.30 -1.14 -0.61	29.78 -1.17 -0.27	28.75 -1.06 -0.29
SITHE___BATAVIA 24024	26.48 -1.26 -0.30	25.89 -1.11 0.00	24.93 -1.23 0.00	24.94 -1.20 -0.01	25.59 -1.35 0.00	27.32 -0.74 -0.46	32.83 -0.73 -1.62	35.23 -1.15 -1.37	33.94 -1.23 -1.08	30.08 -1.02 -0.29	30.02 -0.99 -0.24	29.67 -1.10 -0.07	28.91 -1.46 0.00	27.93 -1.25 0.00	27.03 -1.30 0.00	28.38 -1.33 -0.21	30.31 -0.98 -0.55	37.13 -1.24 -0.65	39.65 -1.55 -0.38	38.37 -1.80 -0.15	33.80 -1.48 -0.76	31.65 -1.31 -1.12	29.80 -1.38 -0.51	29.35 -0.71 -0.53
SITHE___INDEPEND 23800	26.53 -1.07 -0.16	25.92 -1.08 0.00	25.11 -1.05 0.00	25.07 -1.07 0.00	25.86 -1.08 0.00	26.89 -0.97 -0.25	31.76 -1.05 -0.88	34.57 -1.19 -0.74	33.48 -1.19 -0.59	29.88 -1.08 -0.16	29.82 -1.08 -0.13	29.61 -1.14 -0.04	29.15 -1.21 0.00	28.01 -1.17 0.00	27.20 -1.13 0.00	28.43 -1.18 -0.11	29.96 -1.08 -0.30	36.79 -1.28 -0.35	39.60 -1.43 -0.21	38.66 -1.44 -0.08	33.69 -1.24 -0.41	31.30 -1.15 -0.61	29.81 -1.13 -0.27	28.75 -1.06 -0.29
SITHE___MASSENA 23902	27.03 -0.41 0.00	26.54 -0.46 0.00	25.74 -0.42 0.00	25.72 -0.42 0.00	26.48 -0.46 0.00	26.89 -0.72 0.00	30.98 -0.96 0.00	34.00 -1.02 0.00	33.03 -1.06 0.00	29.81 -0.99 0.00	29.81 -0.95 0.00	29.85 -0.86 0.00	29.70 -0.67 0.00	28.51 -0.67 0.00	27.65 -0.68 0.00	28.88 -0.62 0.00	29.75 -0.98 0.00	36.51 -1.21 0.00	39.60 -1.22 0.00	38.86 -1.16 0.00	33.63 -0.90 0.00	30.94 -0.89 0.00	29.97 -0.70 0.00	28.82 -0.71 0.00

SITHE___OGDNSBRG 24021	27.17 -0.27 0.00	26.67 -0.32 0.00	25.79 -0.37 0.00	25.85 -0.29 0.00	26.61 -0.32 0.00	27.03 -0.58 0.00	31.26 -0.67 0.00	34.39 -0.63 0.00	33.41 -0.68 0.00	30.12 -0.68 0.00	30.12 -0.65 0.00	30.12 -0.58 0.00	30.00 -0.36 0.00	28.80 -0.38 0.00	27.97 -0.37 0.00	29.15 -0.35 0.00	30.03 -0.71 0.00	36.89 -0.83 0.00	40.09 -0.73 0.00	39.42 -0.60 0.00	34.07 -0.45 0.00	31.29 -0.54 0.00	30.25 -0.43 0.00	29.09 -0.44 0.00
SITHE___STERLING 23777	28.43 0.85 -0.13	27.84 0.84 0.00	26.94 0.78 0.00	26.95 0.81 0.00	27.82 0.89 0.00	28.92 1.11 -0.21	34.17 1.50 -0.73	37.32 1.68 -0.62	36.22 1.64 -0.49	32.35 1.42 -0.13	32.23 1.35 -0.11	31.97 1.23 -0.03	31.52 1.15 0.00	30.26 1.08 0.00	29.38 1.05 0.00	30.63 1.03 -0.09	32.31 1.32 -0.25	39.79 1.77 -0.30	42.92 1.92 -0.17	41.97 1.88 -0.07	36.42 1.55 -0.34	33.71 1.37 -0.51	32.10 1.20 -0.23	30.86 1.09 -0.24
SLEIGHT__34_KV_TB1 80719	26.89 -0.82 -0.27	26.08 -0.92 0.00	25.24 -0.92 0.00	25.20 -0.94 -0.01	25.99 -0.94 0.00	27.55 -0.47 -0.41	33.06 -0.35 -1.48	35.77 -0.49 -1.25	34.50 -0.58 -0.99	30.57 -0.49 -0.27	30.46 -0.52 -0.22	30.15 -0.61 -0.06	29.39 -0.97 0.00	28.25 -0.93 0.00	27.40 -0.94 0.00	28.83 -0.86 -0.19	30.72 -0.52 -0.50	37.75 -0.57 -0.59	40.52 -0.65 -0.35	39.36 -0.80 -0.14	34.49 -0.72 -0.69	32.19 -0.67 -1.02	30.40 -0.74 -0.46	29.51 -0.50 -0.48
SOUTH CAIRO___GT 23612	32.09 2.33 -2.32	29.59 2.59 0.00	28.41 2.25 0.00	28.52 2.33 -0.06	29.52 2.59 0.00	33.58 2.43 -3.55	47.14 2.56 -12.65	48.00 2.35 -10.63	44.54 2.05 -8.40	34.75 1.69 -2.26	34.21 1.60 -1.85	32.79 1.53 -0.55	31.91 1.55 0.00	30.70 1.52 0.00	29.92 1.59 0.00	32.66 1.56 -1.60	36.81 1.78 -4.29	44.96 2.19 -5.06	46.49 2.69 -2.97	43.54 2.36 -1.16	42.44 2.04 -5.89	42.38 1.81 -8.73	36.51 1.90 -3.93	35.58 1.95 -4.10
SOUTH HAMPTN___IC 23720	38.50 3.32 -7.74	34.55 3.27 -4.28	31.47 3.14 -2.18	31.32 3.13 -2.05	31.16 3.26 -0.97	36.79 3.45 -5.74	49.38 4.28 -13.16	52.00 4.97 -12.01	50.41 4.87 -11.45	48.48 4.28 -13.40	44.40 4.28 -9.36	41.63 4.14 -6.78	37.49 4.10 -3.03	35.97 3.94 -2.85	36.96 3.85 -4.77	43.03 3.98 -9.55	55.71 4.43 -20.55	63.91 5.73 -20.46	65.91 6.28 -18.81	64.11 6.08 -18.01	61.69 5.11 -22.06	49.77 4.58 -13.35	43.48 4.14 -8.67	42.36 3.96 -8.87
SOUTHDOW__115KV_TB1 355954	26.01 -1.81 -0.38	26.16 -0.84 0.00	25.35 -0.81 0.00	25.31 -0.84 -0.01	26.05 -0.89 0.00	26.94 -1.24 -0.58	32.72 -1.28 -2.07	35.26 -1.51 -1.75	33.93 -1.53 -1.38	29.91 -1.26 -0.37	29.81 -1.26 -0.30	29.50 -1.29 -0.09	29.79 -0.58 0.00	28.77 -0.41 0.00	27.82 -0.51 0.00	28.23 -1.53 -0.26	30.15 -1.29 -0.70	37.15 -1.40 -0.83	39.43 -1.88 -0.49	38.29 -1.92 -0.19	33.94 -1.55 -0.97	31.90 -1.37 -1.43	29.94 -1.38 -0.64	29.40 -0.80 -0.67
SOUTHOLD_69_KV_BK 2 55809	38.77 3.59 -7.74	34.82 3.54 -4.28	31.82 3.48 -2.18	31.64 3.45 -2.05	31.41 3.50 -0.97	37.04 3.70 -5.74	49.73 4.63 -13.16	52.37 5.32 -12.03	50.77 5.22 -11.46	48.79 4.59 -13.40	44.62 4.49 -9.36	41.81 4.33 -6.78	37.64 4.25 -3.03	36.09 4.06 -2.85	37.10 4.00 -4.77	43.23 4.19 -9.55	55.99 4.70 -20.55	64.33 6.15 -20.46	66.45 6.82 -18.81	64.56 6.52 -18.01	62.08 5.49 -22.07	50.10 4.90 -13.37	43.77 4.42 -8.67	42.62 4.22 -8.87
SOUTHOLD___IC 23719	38.77 3.59 -7.74	34.82 3.54 -4.28	31.74 3.40 -2.18	31.58 3.40 -2.05	31.41 3.50 -0.97	37.04 3.70 -5.74	49.70 4.60 -13.16	52.35 5.32 -12.01	50.75 5.22 -11.45	48.76 4.56 -13.40	44.62 4.49 -9.36	41.82 4.33 -6.78	37.64 4.25 -3.03	36.09 4.05 -2.85	37.10 4.00 -4.77	43.23 4.19 -9.55	55.99 4.70 -20.55	64.33 6.15 -20.46	66.41 6.78 -18.81	64.56 6.53 -18.01	62.07 5.49 -22.06	50.08 4.90 -13.35	43.76 4.42 -8.67	42.62 4.22 -8.87
SOUTH_FORK_WT_PWR 323839	38.72 3.54 -7.74	34.79 3.51 -4.28	31.69 3.35 -2.18	31.53 3.35 -2.05	31.33 3.42 -0.97	36.93 3.59 -5.74	49.57 4.47 -13.16	52.18 5.15 -12.01	50.58 5.04 -11.45	48.61 4.40 -13.40	44.46 4.34 -9.36	41.66 4.18 -6.78	37.49 4.10 -3.03	35.97 3.94 -2.85	36.96 3.85 -4.77	43.12 4.07 -9.55	55.83 4.55 -20.55	64.18 6.00 -20.46	66.24 6.61 -18.81	64.39 6.36 -18.01	61.93 5.35 -22.06	49.96 4.77 -13.35	43.61 4.26 -8.67	42.47 4.08 -8.87
SPIERFLS_115KV_TB 1 80737	31.59 1.62 -2.53	28.62 1.62 0.00	27.70 1.54 0.00	27.77 1.57 -0.06	28.55 1.62 0.00	32.44 0.97 -3.86	46.96 1.25 -13.78	48.09 1.44 -11.63	44.71 1.43 -9.19	34.47 1.20 -2.47	33.82 1.05 -2.01	32.28 0.98 -0.59	31.25 0.88 0.00	30.08 0.90 0.00	29.24 0.91 0.00	32.22 0.97 -1.74	36.76 1.35 -4.67	44.96 1.74 -5.50	46.10 2.04 -3.23	43.09 1.80 -1.26	42.65 1.69 -6.44	42.82 1.43 -9.55	36.29 1.32 -4.30	35.19 1.21 -4.46
ST LAWRENCE____ 23600	26.78 -0.66 0.00	26.32 -0.67 0.00	25.53 -0.63 0.00	25.51 -0.63 0.00	26.23 -0.70 0.00	26.70 -0.91 0.00	30.75 -1.18 0.00	33.76 -1.26 0.00	32.79 -1.30 0.00	29.63 -1.17 0.00	29.60 -1.17 0.00	29.63 -1.08 0.00	29.48 -0.88 0.00	28.31 -0.87 0.00	27.46 -0.88 0.00	28.67 -0.83 0.00	29.57 -1.17 0.00	36.25 -1.47 0.00	39.31 -1.51 0.00	38.58 -1.44 0.00	33.35 -1.17 0.00	30.72 -1.11 0.00	29.69 -0.98 0.00	28.55 -0.97 0.00
STATE_CA_115KV_115_LB 55624	31.48 1.56 -2.47	28.56 1.57 0.00	27.68 1.52 0.00	27.71 1.52 -0.06	28.50 1.56 0.00	32.96 1.57 -3.78	46.97 1.56 -13.47	47.90 1.51 -11.37	44.51 1.43 -8.99	34.63 1.42 -2.42	34.18 1.45 -1.96	32.76 1.47 -0.58	31.73 1.37 0.00	30.55 1.37 0.00	29.67 1.33 0.00	32.56 1.36 -1.70	36.68 1.38 -4.56	44.76 1.66 -5.38	45.78 1.80 -3.16	42.98 1.72 -1.24	42.27 1.45 -6.30	42.51 1.34 -9.34	36.26 1.38 -4.20	35.37 1.48 -4.37
STATE_ST_34_KV_LOAD 55959	27.54 -0.19 -0.29	26.81 -0.19 0.00	25.98 -0.18 0.00	25.93 -0.21 -0.01	26.77 -0.16 0.00	28.14 0.08 -0.45	33.78 0.26 -1.59	36.71 0.35 -1.34	35.42 0.27 -1.06	31.33 0.25 -0.29	31.15 0.15 -0.23	30.84 0.06 -0.07	30.30 -0.06 0.00	29.12 -0.06 0.00	28.25 -0.09 0.00	29.58 -0.12 -0.20	31.43 0.15 -0.54	38.74 0.38 -0.64	41.65 0.45 -0.38	40.53 0.36 -0.15	35.47 0.21 -0.74	33.13 0.19 -1.10	31.23 0.06 -0.50	30.16 0.12 -0.52
STATION 5_MISC_HYD 23604	26.75 -0.96 -0.27	25.89 -1.11 0.00	25.19 -0.97 0.00	25.20 -0.94 -0.01	25.70 -1.24 0.00	27.44 -0.58 -0.42	32.88 -0.54 -1.49	35.40 -0.87 -1.25	34.16 -0.92 -0.99	30.33 -0.74 -0.27	30.28 -0.71 -0.22	29.97 -0.80 -0.06	29.09 -1.27 0.00	28.04 -1.14 0.00	27.17 -1.16 0.00	28.69 -1.00 -0.19	30.51 -0.74 -0.51	37.38 -0.94 -0.60	40.03 -1.14 -0.35	38.84 -1.32 -0.14	34.11 -1.11 -0.69	31.91 -0.95 -1.03	30.10 -1.04 -0.46	29.42 -0.59 -0.48
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	27.20 -0.52 -0.28	26.43 -0.57 0.00	25.61 -0.55 0.00	25.54 -0.60 -0.01	26.34 -0.59 0.00	27.92 -0.11 -0.42	33.51 0.06 -1.51	36.26 -0.04 -1.28	34.96 -0.14 -1.01	30.95 -0.12 -0.27	30.87 -0.12 -0.22	30.52 -0.25 -0.07	29.79 -0.58 0.00	28.65 -0.53 0.00	27.80 -0.54 0.00	29.22 -0.47 -0.19	31.13 -0.12 -0.52	38.25 -0.08 -0.61	41.10 -0.08 -0.36	39.88 -0.28 -0.14	34.95 -0.28 -0.71	32.66 -0.22 -1.05	30.84 -0.31 -0.47	29.93 -0.09 -0.49

STA_56___34_KV_BUS2_REV_LBMP_B 345033	26.64 -1.07 -0.27	25.78 -1.21 0.00	24.98 -1.18 0.00	24.91 -1.23 -0.01	25.67 -1.27 0.00	27.31 -0.72 -0.42	32.75 -0.67 -1.48	35.32 -0.95 -1.25	34.09 -0.99 -0.99	30.24 -0.83 -0.27	30.15 -0.83 -0.22	29.88 -0.89 -0.06	29.03 -1.34 0.00	27.95 -1.23 0.00	27.12 -1.22 0.00	28.60 -1.09 -0.19	30.41 -0.83 -0.50	37.30 -1.02 -0.60	39.95 -1.22 -0.35	38.76 -1.40 -0.14	34.04 -1.17 -0.69	31.81 -1.05 -1.03	30.06 -1.07 -0.46	29.27 -0.74 -0.48
STA_56___34_KV_BUS2 355983	26.64 -1.07 -0.27	25.78 -1.21 0.00	24.98 -1.18 0.00	24.91 -1.23 -0.01	25.67 -1.27 0.00	27.31 -0.72 -0.42	32.75 -0.67 -1.48	35.32 -0.95 -1.25	34.09 -0.99 -0.99	30.24 -0.83 -0.27	30.15 -0.83 -0.22	29.88 -0.89 -0.06	29.03 -1.34 0.00	27.95 -1.23 0.00	27.12 -1.22 0.00	28.60 -1.09 -0.19	30.41 -0.83 -0.50	37.30 -1.02 -0.60	39.95 -1.22 -0.35	38.76 -1.40 -0.14	34.04 -1.17 -0.69	31.81 -1.05 -1.03	30.06 -1.07 -0.46	29.27 -0.74 -0.48
STA_67___115KV_BK2 355882	26.70 -1.02 -0.27	25.84 -1.16 0.00	25.03 -1.12 0.00	24.94 -1.20 -0.01	25.70 -1.24 0.00	27.39 -0.63 -0.42	32.78 -0.64 -1.49	35.33 -0.95 -1.25	34.09 -0.99 -0.99	30.24 -0.83 -0.27	30.19 -0.80 -0.22	29.91 -0.86 -0.06	29.06 -1.31 0.00	27.98 -1.20 0.00	27.14 -1.19 0.00	28.63 -1.06 -0.19	30.44 -0.80 -0.51	37.30 -1.02 -0.60	39.91 -1.27 -0.35	38.76 -1.40 -0.14	34.04 -1.17 -0.69	31.84 -1.02 -1.03	30.10 -1.04 -0.46	29.36 -0.65 -0.48
STA_7___115KV_9TRANS 80674	26.84 -0.88 -0.27	26.00 -1.00 0.00	25.19 -0.97 0.00	25.10 -1.05 -0.01	25.86 -1.08 0.00	27.56 -0.47 -0.42	33.04 -0.38 -1.49	35.61 -0.67 -1.26	34.37 -0.72 -0.99	30.48 -0.59 -0.27	30.40 -0.58 -0.22	30.09 -0.68 -0.06	29.24 -1.12 0.00	28.16 -1.02 0.00	27.31 -1.02 0.00	28.80 -0.89 -0.19	30.66 -0.58 -0.51	37.60 -0.72 -0.60	40.32 -0.86 -0.35	39.08 -1.08 -0.14	34.32 -0.90 -0.70	32.07 -0.80 -1.03	30.31 -0.83 -0.46	29.54 -0.47 -0.48
STA_82___115KV_TB1 80780	26.70 -1.02 -0.27	25.86 -1.13 0.00	25.03 -1.12 0.00	24.97 -1.18 -0.01	25.72 -1.21 0.00	27.39 -0.63 -0.42	32.82 -0.61 -1.49	35.37 -0.91 -1.26	34.13 -0.95 -1.00	30.27 -0.80 -0.27	30.22 -0.77 -0.22	29.91 -0.86 -0.06	29.06 -1.31 0.00	27.98 -1.20 0.00	27.14 -1.19 0.00	28.63 -1.06 -0.19	30.45 -0.80 -0.51	37.30 -1.02 -0.60	39.95 -1.22 -0.35	38.76 -1.40 -0.14	34.08 -1.14 -0.70	31.85 -1.02 -1.04	30.13 -1.01 -0.47	29.36 -0.65 -0.49
STEEL___WIND 323596	25.74 -2.03 -0.33	25.54 -1.46 0.00	24.22 -1.94 0.00	24.24 -1.91 -0.01	25.24 -1.70 0.00	26.57 -1.55 -0.51	31.92 -1.82 -1.81	34.16 -2.38 -1.52	32.91 -2.39 -1.20	29.19 -1.94 -0.32	29.15 -1.88 -0.26	28.85 -1.93 -0.08	28.64 -1.73 0.00	27.69 -1.49 0.00	26.78 -1.56 0.00	27.64 -2.09 -0.23	29.39 -1.97 -0.62	35.99 -2.45 -0.73	38.19 -3.06 -0.43	37.11 -3.08 -0.17	32.85 -2.52 -0.84	30.82 -2.26 -1.25	28.97 -2.27 -0.56	28.64 -1.48 -0.59
STEPHTWN_115KV_BK_2 55603	31.70 1.81 -2.45	28.81 1.81 0.00	27.91 1.75 0.00	27.95 1.75 -0.06	28.74 1.80 0.00	33.20 1.85 -3.74	47.19 1.92 -13.34	48.13 1.86 -11.26	44.79 1.81 -8.90	34.92 1.72 -2.39	34.43 1.72 -1.94	33.00 1.72 -0.57	31.94 1.58 0.00	30.76 1.58 0.00	29.89 1.56 0.00	32.78 1.59 -1.68	36.97 1.72 -4.51	45.11 2.07 -5.32	46.19 2.25 -3.12	43.37 2.12 -1.22	42.62 1.86 -6.23	42.76 1.69 -9.25	36.55 1.72 -4.16	35.59 1.74 -4.32
STEUBEN_REC_LFGE 323667	27.85 -0.08 -0.49	27.38 0.38 0.00	26.52 0.37 0.00	26.54 0.39 -0.01	27.45 0.51 0.00	28.88 0.52 -0.75	35.45 0.83 -2.68	38.26 0.98 -2.27	36.66 0.78 -1.79	31.99 0.71 -0.48	31.75 0.58 -0.39	31.22 0.40 -0.12	31.03 0.67 0.00	29.85 0.67 0.00	28.90 0.57 0.00	29.99 0.15 -0.34	32.39 0.74 -0.91	40.12 1.32 -1.08	43.01 1.55 -0.63	41.75 1.48 -0.25	36.92 1.14 -1.25	34.77 1.08 -1.86	32.40 0.89 -0.84	31.43 1.03 -0.87
STILLWATER___SOLAR 323814	31.66 1.70 -2.52	28.70 1.70 0.00	27.75 1.60 0.00	27.79 1.59 -0.06	28.61 1.67 0.00	33.00 1.55 -3.85	47.50 1.85 -13.71	48.64 2.17 -11.45	45.25 2.11 -9.05	35.11 1.88 -2.43	34.54 1.78 -1.99	33.07 1.78 -0.59	32.03 1.67 0.00	30.81 1.63 0.00	29.95 1.61 0.00	32.91 1.68 -1.73	37.36 2.00 -4.62	45.66 2.49 -5.45	46.80 2.78 -3.20	43.87 2.60 -1.24	43.17 2.31 -6.34	43.30 2.07 -9.40	36.87 1.96 -4.23	35.84 1.89 -4.42
STONY___BROOK 24151	38.11 2.94 -7.74	34.17 2.89 -4.28	31.11 2.77 -2.18	30.96 2.77 -2.05	30.79 2.88 -0.97	36.44 3.09 -5.74	48.93 3.83 -13.16	51.48 4.45 -12.01	49.97 4.43 -11.45	48.14 3.94 -13.40	44.10 3.97 -9.36	41.35 3.87 -6.78	37.22 3.83 -3.03	35.74 3.71 -2.85	36.67 3.57 -4.77	42.73 3.69 -9.54	55.31 4.03 -20.55	63.35 5.17 -20.46	65.22 5.59 -18.81	63.43 5.40 -18.01	61.17 4.59 -22.06	49.32 4.14 -13.35	43.11 3.77 -8.67	41.94 3.54 -8.87
STURGEON_POOL_HYD 23609	30.95 1.45 -2.05	28.64 1.65 0.00	27.78 1.62 0.00	27.81 1.62 -0.05	28.61 1.67 0.00	32.37 1.63 -3.13	45.22 2.11 -11.18	46.94 2.49 -9.44	44.03 2.49 -7.46	35.02 2.22 -2.00	34.65 2.25 -1.63	33.37 2.18 -0.48	32.64 2.28 0.00	31.37 2.19 0.00	30.49 2.15 0.00	32.98 2.07 -1.42	36.72 2.18 -3.80	44.99 2.79 -4.48	46.47 3.02 -2.63	43.97 2.92 -1.02	42.27 2.52 -5.22	41.87 2.29 -7.75	36.28 2.12 -3.49	35.07 1.92 -3.62
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	30.78 1.48 -1.85	28.46 1.46 0.00	27.60 1.44 0.00	27.62 1.44 -0.05	28.42 1.48 0.00	32.04 1.60 -2.83	44.01 1.98 -10.10	45.85 2.31 -8.52	43.14 2.32 -6.74	34.71 2.09 -1.81	34.34 2.09 -1.48	33.20 2.06 -0.44	32.40 2.03 0.00	31.13 1.96 0.00	30.26 1.93 0.00	32.73 1.95 -1.28	36.26 2.09 -3.43	44.41 2.64 -4.05	46.06 2.86 -2.38	43.71 2.76 -0.93	41.59 2.35 -4.72	40.96 2.13 -7.00	35.82 1.99 -3.15	34.66 1.86 -3.27
SWANROAD_115KV_TB1 355699	25.26 -2.50 -0.31	24.70 -2.29 0.00	23.91 -2.25 0.00	23.79 -2.35 -0.01	24.46 -2.48 0.00	26.04 -2.04 -0.48	31.12 -2.52 -1.71	33.27 -3.19 -1.44	32.06 -3.17 -1.14	28.46 -2.65 -0.31	28.46 -2.55 -0.25	28.17 -2.61 -0.07	27.57 -2.79 0.00	26.64 -2.54 0.00	25.81 -2.52 0.00	26.97 -2.74 -0.22	28.65 -2.67 -0.58	34.94 -3.47 -0.69	37.02 -4.20 -0.40	35.98 -4.20 -0.16	31.87 -3.45 -0.80	29.96 -3.06 -1.19	28.36 -2.85 -0.53	27.96 -2.13 -0.56
SYNERGY___BIOGAS 323694	26.48 -1.26 -0.30	25.89 -1.11 0.00	24.93 -1.23 0.00	24.94 -1.20 -0.01	25.59 -1.35 0.00	27.32 -0.74 -0.46	32.83 -0.73 -1.62	35.23 -1.15 -1.37	33.94 -1.23 -1.08	30.08 -1.02 -0.29	30.02 -0.99 -0.24	29.67 -1.10 -0.07	28.91 -1.46 0.00	27.93 -1.25 0.00	27.03 -1.30 0.00	28.38 -1.33 -0.21	30.31 -0.98 -0.55	37.13 -1.24 -0.65	39.65 -1.55 -0.38	38.37 -1.80 -0.15	33.80 -1.48 -0.76	31.65 -1.31 -1.12	29.80 -1.38 -0.51	29.35 -0.71 -0.53
SYRACUSE___ENERGY_ST1 323597	27.35 -0.33 -0.24	26.65 -0.35 0.00	25.82 -0.34 0.00	25.77 -0.37 -0.01	26.59 -0.35 0.00	27.81 -0.17 -0.37	33.16 -0.10 -1.32	36.02 -0.11 -1.11	34.80 -0.17 -0.88	30.88 -0.15 -0.24	30.75 -0.22 -0.19	30.49 -0.28 -0.06	29.97 -0.39 0.00	28.80 -0.38 0.00	27.94 -0.40 0.00	29.25 -0.41 -0.17	30.97 -0.22 -0.45	38.14 -0.11 -0.53	41.01 -0.12 -0.31	39.98 -0.16 -0.12	34.93 -0.21 -0.62	32.55 -0.19 -0.91	30.84 -0.25 -0.41	29.75 -0.21 -0.43

SYRACUSE___ENERGY_ST2 323598	27.35 -0.33 -0.24	26.65 -0.35 0.00	25.82 -0.34 0.00	25.77 -0.37 -0.01	26.59 -0.35 0.00	27.81 -0.17 -0.37	33.16 -0.10 -1.32	36.02 -0.11 -1.11	34.80 -0.17 -0.88	30.88 -0.15 -0.24	30.75 -0.22 -0.19	30.49 -0.28 -0.06	29.97 -0.39 0.00	28.80 -0.38 0.00	27.94 -0.40 0.00	29.25 -0.41 -0.17	30.97 -0.22 -0.45	38.14 -0.11 -0.53	41.01 -0.12 -0.31	39.98 -0.16 -0.12	34.93 -0.21 -0.62	32.55 -0.19 -0.91	30.84 -0.25 -0.41	29.75 -0.21 -0.43
SYRACUSE___POWER 24017	27.33 -0.36 -0.25	26.65 -0.35 0.00	25.82 -0.34 0.00	25.77 -0.37 -0.01	26.59 -0.35 0.00	27.80 -0.19 -0.38	33.17 -0.13 -1.36	36.03 -0.14 -1.15	34.83 -0.17 -0.91	30.89 -0.15 -0.24	30.75 -0.22 -0.20	30.46 -0.31 -0.06	29.97 -0.39 0.00	28.80 -0.38 0.00	27.97 -0.37 0.00	29.26 -0.41 -0.17	30.99 -0.22 -0.46	38.15 -0.11 -0.55	40.98 -0.16 -0.32	39.95 -0.20 -0.13	34.92 -0.24 -0.64	32.55 -0.22 -0.95	30.79 -0.31 -0.43	29.74 -0.24 -0.44
TALLMAN__138KV_BK151 55660	31.06 1.70 -1.92	28.67 1.67 0.00	27.81 1.65 0.00	27.83 1.65 -0.05	28.63 1.70 0.00	32.37 1.82 -2.94	44.65 2.24 -10.47	46.45 2.59 -8.84	43.70 2.62 -6.99	35.05 2.37 -1.88	34.73 2.43 -1.53	33.52 2.36 -0.45	32.73 2.37 0.00	31.49 2.31 0.00	30.57 2.24 0.00	33.07 2.24 -1.33	36.67 2.37 -3.56	44.90 2.98 -4.20	46.52 3.23 -2.47	44.15 3.16 -0.96	42.11 2.69 -4.89	41.51 2.42 -7.26	36.21 2.27 -3.27	35.02 2.10 -3.40
TEALLAVE_115KV_TB7 355573	27.16 -0.49 -0.21	26.48 -0.51 0.00	25.66 -0.50 0.00	25.62 -0.52 -0.01	26.42 -0.51 0.00	27.58 -0.36 -0.33	32.75 -0.35 -1.17	35.62 -0.39 -0.99	34.46 -0.41 -0.78	30.64 -0.37 -0.21	30.54 -0.40 -0.17	30.26 -0.49 -0.05	29.76 -0.61 0.00	28.60 -0.58 0.00	27.77 -0.57 0.00	29.06 -0.59 -0.15	30.74 -0.40 -0.40	37.77 -0.41 -0.47	40.61 -0.49 -0.28	39.61 -0.52 -0.11	34.59 -0.48 -0.55	32.16 -0.48 -0.81	30.52 -0.52 -0.36	29.47 -0.44 -0.38
TELGRAPH_34_KV_EAST 80808	25.99 -1.76 -0.30	25.40 -1.59 0.00	24.59 -1.57 0.00	24.47 -1.67 -0.01	25.18 -1.75 0.00	26.80 -1.27 -0.46	32.12 -1.47 -1.65	34.45 -1.96 -1.40	33.18 -2.01 -1.10	29.43 -1.66 -0.30	29.38 -1.63 -0.24	29.06 -1.72 -0.07	28.42 -1.94 0.00	27.46 -1.72 0.00	26.61 -1.73 0.00	27.82 -1.89 -0.21	29.64 -1.66 -0.56	36.23 -2.15 -0.66	38.56 -2.65 -0.39	37.41 -2.76 -0.15	33.02 -2.28 -0.77	30.97 -2.01 -1.15	29.26 -1.93 -0.52	28.77 -1.30 -0.54
TEMPLE___115KV_TB 2 55572	27.16 -0.49 -0.22	26.51 -0.49 0.00	25.69 -0.47 0.00	25.64 -0.50 -0.01	26.45 -0.48 0.00	27.61 -0.33 -0.33	32.80 -0.32 -1.18	35.63 -0.39 -1.00	34.50 -0.37 -0.79	30.67 -0.34 -0.21	30.57 -0.37 -0.17	30.30 -0.46 -0.05	29.79 -0.58 0.00	28.63 -0.55 0.00	27.80 -0.54 0.00	29.06 -0.59 -0.15	30.74 -0.40 -0.40	37.82 -0.38 -0.48	40.65 -0.45 -0.28	39.65 -0.48 -0.11	34.59 -0.48 -0.55	32.21 -0.45 -0.82	30.55 -0.49 -0.37	29.47 -0.44 -0.38
TIANA____69_KV_BK 1 55817	38.44 3.27 -7.74	34.47 3.19 -4.28	31.48 3.14 -2.18	31.30 3.11 -2.05	31.11 3.21 -0.97	36.74 3.40 -5.74	49.35 4.25 -13.16	51.91 4.87 -12.03	50.39 4.84 -11.46	48.49 4.28 -13.40	44.34 4.22 -9.36	41.57 4.08 -6.78	37.43 4.04 -3.03	35.94 3.91 -2.85	36.93 3.83 -4.77	43.00 3.95 -9.55	55.65 4.36 -20.55	63.84 5.66 -20.46	65.83 6.21 -18.81	64.03 6.00 -18.01	61.63 5.04 -22.07	49.72 4.52 -13.37	43.46 4.11 -8.67	42.29 3.90 -8.87
TILDEN___115KV_TB1 80814	27.33 -0.36 -0.25	26.65 -0.35 0.00	25.82 -0.34 0.00	25.77 -0.37 -0.01	26.59 -0.35 0.00	27.80 -0.19 -0.38	33.17 -0.13 -1.36	36.03 -0.14 -1.15	34.83 -0.17 -0.91	30.89 -0.15 -0.24	30.75 -0.22 -0.20	30.46 -0.31 -0.06	29.97 -0.39 0.00	28.80 -0.38 0.00	27.97 -0.37 0.00	29.26 -0.41 -0.17	30.99 -0.22 -0.46	38.15 -0.11 -0.55	40.98 -0.16 -0.32	39.95 -0.20 -0.13	34.92 -0.24 -0.64	32.55 -0.22 -0.95	30.79 -0.31 -0.43	29.74 -0.24 -0.44
TRIGEN___CC 323695	37.51 2.33 -7.74	33.58 2.29 -4.28	30.61 2.28 -2.18	30.43 2.25 -2.05	30.25 2.34 -0.97	35.86 2.51 -5.74	48.09 3.00 -13.16	50.54 3.50 -12.03	49.09 3.55 -11.46	47.43 3.23 -13.40	43.38 3.26 -9.35	40.70 3.22 -6.77	36.60 3.22 -3.02	35.12 3.09 -2.85	36.13 3.03 -4.76	42.11 3.07 -9.54	54.54 3.26 -20.54	62.21 4.04 -20.46	63.99 4.37 -18.80	62.31 4.28 -18.00	60.25 3.66 -22.06	48.50 3.31 -13.36	42.44 3.10 -8.67	41.28 2.89 -8.86
TRINITY__115KV__ 4 BK 55933	31.38 1.48 -2.45	28.48 1.48 0.00	27.62 1.46 0.00	27.66 1.46 -0.06	28.42 1.48 0.00	32.87 1.52 -3.75	46.77 1.47 -13.37	47.74 1.44 -11.28	44.37 1.36 -8.92	34.52 1.32 -2.40	34.10 1.38 -1.94	32.69 1.41 -0.58	31.67 1.31 0.00	30.49 1.31 0.00	29.61 1.28 0.00	32.48 1.30 -1.69	36.55 1.29 -4.52	44.59 1.55 -5.33	45.63 1.67 -3.13	42.85 1.60 -1.23	42.15 1.38 -6.25	42.34 1.24 -9.27	36.16 1.32 -4.17	35.28 1.42 -4.33
UNION___PROCESSING_DRP 323587	26.73 -0.99 -0.27	25.86 -1.13 0.00	25.06 -1.10 0.00	24.97 -1.18 -0.01	25.72 -1.21 0.00	27.42 -0.61 -0.42	32.82 -0.61 -1.50	35.40 -0.88 -1.26	34.13 -0.95 -1.00	30.27 -0.80 -0.27	30.22 -0.77 -0.22	29.94 -0.83 -0.06	29.09 -1.28 0.00	28.01 -1.17 0.00	27.17 -1.16 0.00	28.66 -1.03 -0.19	30.48 -0.77 -0.51	37.34 -0.98 -0.60	39.99 -1.18 -0.35	38.80 -1.36 -0.14	34.08 -1.14 -0.70	31.88 -0.99 -1.04	30.13 -1.01 -0.47	29.39 -0.62 -0.49
UPPER HUDSON___HYD 24058	31.59 1.62 -2.53	28.62 1.62 0.00	27.67 1.52 0.00	27.74 1.54 -0.06	28.55 1.62 0.00	32.44 0.97 -3.86	46.96 1.24 -13.78	47.96 1.40 -11.55	44.58 1.36 -9.12	34.45 1.20 -2.45	33.82 1.05 -2.01	32.28 0.98 -0.59	31.25 0.88 0.00	30.09 0.91 0.00	29.24 0.91 0.00	32.21 0.97 -1.74	36.76 1.35 -4.67	44.96 1.74 -5.50	46.10 2.04 -3.23	43.08 1.80 -1.25	42.60 1.69 -6.39	42.75 1.43 -9.48	36.23 1.29 -4.27	35.19 1.21 -4.46
UPPER RAQUET___HYD 24056	26.59 -0.88 -0.03	26.08 -0.92 0.00	25.27 -0.89 0.00	25.25 -0.89 0.00	25.94 -1.00 0.00	26.28 -1.38 -0.05	30.49 -1.63 -0.18	33.49 -1.68 -0.15	32.51 -1.70 -0.12	29.23 -1.60 -0.03	29.32 -1.48 -0.03	29.39 -1.32 -0.01	29.21 -1.15 0.00	28.04 -1.14 0.00	27.23 -1.11 0.00	28.34 -1.18 -0.02	29.17 -1.63 -0.06	35.83 -1.96 -0.07	38.87 -2.00 -0.04	38.20 -1.84 -0.02	33.09 -1.52 -0.08	30.46 -1.50 -0.12	29.53 -1.20 -0.06	28.43 -1.15 -0.06
VALLEY44_115KV_TB2 355964	25.46 -2.36 -0.38	26.16 -0.84 0.00	25.35 -0.81 0.00	25.26 -0.89 -0.01	26.02 -0.92 0.00	26.28 -1.90 -0.58	31.82 -2.17 -2.05	34.19 -2.56 -1.73	32.87 -2.59 -1.37	28.98 -2.19 -0.37	28.91 -2.15 -0.30	28.61 -2.18 -0.09	29.54 -0.82 0.00	28.54 -0.64 0.00	27.60 -0.74 0.00	27.40 -2.36 -0.26	29.22 -2.21 -0.70	35.94 -2.60 -0.82	38.16 -3.14 -0.48	37.05 -3.16 -0.19	32.82 -2.66 -0.96	30.90 -2.36 -1.42	28.98 -2.33 -0.64	28.48 -1.71 -0.67
VALLEY___115KV_TB 1-4 80826	27.63 0.19 0.00	27.11 0.11 0.00	26.21 0.05 0.00	26.16 0.03 0.00	26.96 0.03 0.00	27.69 0.08 0.00	32.03 0.10 0.00	35.16 0.14 0.00	34.26 0.17 0.00	30.92 0.12 0.00	30.92 0.15 0.00	30.80 0.09 0.00	30.36 0.00 0.00	29.18 0.00 0.00	28.31 -0.03 0.00	29.44 -0.06 0.00	30.77 0.03 0.00	37.83 0.11 0.00	40.99 0.16 0.00	40.22 0.20 0.00	34.70 0.17 0.00	32.05 0.22 0.00	30.86 0.18 0.00	29.71 0.18 0.00

VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	30.49 2.17 -0.89	29.16 2.16 0.00	28.28 2.12 0.00	28.27 2.12 -0.02	29.14 2.21 0.00	31.34 2.37 -1.35	39.77 3.00 -4.83	42.49 3.40 -4.08	40.65 3.34 -3.22	34.59 2.93 -0.87	34.31 2.83 -0.71	33.62 2.70 -0.21	32.98 2.61 0.00	31.69 2.51 0.00	30.77 2.44 0.00	32.53 2.42 -0.61	35.15 2.77 -1.64	43.24 3.58 -1.94	45.88 3.92 -1.14	44.39 3.92 -0.44	40.09 3.31 -2.26	38.24 3.06 -3.35	34.94 2.76 -1.51	33.67 2.57 -1.57
VISCHER___FERRY HYD 24020	31.46 1.54 -2.48	28.54 1.54 0.00	27.62 1.46 0.00	27.66 1.46 -0.06	28.47 1.53 0.00	32.94 1.55 -3.79	47.25 1.79 -13.52	48.50 2.27 -11.21	45.16 2.21 -8.85	35.21 2.03 -2.38	34.71 2.00 -1.94	33.28 1.99 -0.58	32.25 1.88 0.00	31.05 1.87 0.00	30.15 1.82 0.00	33.05 1.86 -1.69	37.29 2.03 -4.52	45.58 2.53 -5.33	46.73 2.78 -3.13	43.92 2.68 -1.22	43.07 2.35 -6.20	43.13 2.10 -9.20	36.84 2.02 -4.14	35.86 2.01 -4.33
V_A_10_SYNC_DSASP 323832	26.06 -1.67 -0.29	25.19 -1.81 0.00	24.54 -1.62 0.00	24.55 -1.60 -0.01	24.94 -1.99 0.00	26.78 -1.27 -0.45	31.99 -1.53 -1.59	34.26 -2.10 -1.34	33.07 -2.08 -1.06	29.39 -1.69 -0.28	29.37 -1.63 -0.23	29.09 -1.69 -0.07	28.18 -2.19 0.00	27.23 -1.95 0.00	26.35 -1.98 0.00	27.87 -1.83 -0.20	29.56 -1.72 -0.54	36.06 -2.30 -0.64	38.38 -2.82 -0.37	37.33 -2.84 -0.15	32.95 -2.31 -0.74	30.89 -2.04 -1.10	29.12 -2.05 -0.50	28.69 -1.36 -0.52
V_CMM_10_SYNC_DSASP 323787	26.89 -0.55 0.00	26.43 -0.57 0.00	25.64 -0.52 0.00	25.61 -0.52 0.00	26.37 -0.57 0.00	26.81 -0.80 0.00	30.88 -1.05 0.00	33.86 -1.15 0.00	32.93 -1.16 0.00	29.72 -1.08 0.00	29.72 -1.05 0.00	29.72 -0.98 0.00	29.57 -0.79 0.00	28.39 -0.79 0.00	27.57 -0.76 0.00	28.76 -0.74 0.00	29.69 -1.05 0.00	36.40 -1.32 0.00	39.44 -1.39 0.00	38.74 -1.28 0.00	33.49 -1.03 0.00	30.84 -0.99 0.00	29.85 -0.83 0.00	28.70 -0.83 0.00
V_CMP_10_SYNC_DSASP 323788	27.39 -0.05 0.00	26.86 -0.13 0.00	25.95 -0.21 0.00	25.79 -0.34 0.00	26.50 -0.43 0.00	26.89 -0.72 0.00	30.91 -1.02 0.00	33.79 -1.23 0.00	32.69 -1.40 0.00	29.48 -1.32 0.00	29.38 -1.38 0.00	29.35 -1.35 0.00	29.09 -1.27 0.00	27.90 -1.28 0.00	27.06 -1.27 0.00	28.35 -1.15 0.00	29.32 -1.41 0.00	36.06 -1.66 0.00	39.23 -1.59 0.00	38.54 -1.48 0.00	33.42 -1.11 0.00	30.78 -1.05 0.00	29.85 -0.83 0.00	28.79 -0.74 0.00
V_D_10_SYNC_DSASP 323841	27.03 -0.41 0.00	26.54 -0.46 0.00	25.74 -0.42 0.00	25.72 -0.42 0.00	26.48 -0.46 0.00	26.89 -0.72 0.00	30.98 -0.96 0.00	34.00 -1.02 0.00	33.03 -1.06 0.00	29.81 -0.99 0.00	29.81 -0.95 0.00	29.85 -0.86 0.00	29.70 -0.67 0.00	28.51 -0.67 0.00	27.65 -0.68 0.00	28.88 -0.62 0.00	29.78 -0.95 0.00	36.51 -1.21 0.00	39.60 -1.22 0.00	38.90 -1.12 0.00	33.63 -0.90 0.00	30.94 -0.89 0.00	29.97 -0.70 0.00	28.82 -0.71 0.00
V_E_10_SYNC_DSASP 323830	30.64 2.55 -0.65	29.48 2.48 0.00	28.41 2.25 0.00	28.42 2.27 -0.02	29.47 2.53 0.00	31.48 2.87 -1.00	39.35 3.86 -3.55	42.42 4.41 -3.00	40.61 4.16 -2.37	34.89 3.45 -0.64	34.58 3.29 -0.52	33.87 3.01 -0.15	33.16 2.79 0.00	31.98 2.80 0.00	31.03 2.69 0.00	32.64 2.68 -0.45	35.45 3.50 -1.21	44.09 4.94 -1.43	47.25 5.59 -0.84	45.83 5.48 -0.33	40.70 4.52 -1.66	38.40 4.11 -2.46	35.59 3.80 -1.11	34.17 3.48 -1.15
V_F_30_NSYNC___DSASP 323816	31.67 1.70 -2.52	28.70 1.70 0.00	27.78 1.62 0.00	27.82 1.62 -0.06	28.63 1.70 0.00	33.03 1.57 -3.85	47.56 1.88 -13.74	48.68 2.17 -11.49	45.28 2.11 -9.08	35.12 1.88 -2.44	34.58 1.81 -2.00	33.08 1.78 -0.59	32.03 1.67 0.00	30.81 1.63 0.00	29.95 1.61 0.00	32.91 1.68 -1.73	37.38 2.00 -4.64	45.68 2.49 -5.47	46.82 2.78 -3.21	43.87 2.60 -1.25	43.20 2.31 -6.36	43.34 2.07 -9.44	36.89 1.96 -4.25	35.85 1.89 -4.43
V_F_30_SYNC_DSASP 323786	31.45 1.54 -2.47	28.56 1.57 0.00	27.68 1.52 0.00	27.71 1.52 -0.06	28.50 1.56 0.00	32.96 1.57 -3.78	46.96 1.56 -13.46	47.89 1.51 -11.37	44.50 1.43 -8.98	34.63 1.42 -2.42	34.17 1.45 -1.96	32.76 1.47 -0.58	31.73 1.37 0.00	30.55 1.37 0.00	29.67 1.33 0.00	32.56 1.36 -1.70	36.68 1.38 -4.56	44.75 1.66 -5.37	45.77 1.80 -3.15	42.94 1.68 -1.23	42.26 1.45 -6.29	42.50 1.34 -9.34	36.26 1.38 -4.20	35.37 1.48 -4.36
V_XM_10_SYNC_DSASP 323789	27.39 -0.05 0.00	26.86 -0.13 0.00	25.95 -0.21 0.00	25.79 -0.34 0.00	26.50 -0.43 0.00	26.89 -0.72 0.00	30.91 -1.02 0.00	33.79 -1.23 0.00	32.69 -1.40 0.00	29.48 -1.32 0.00	29.38 -1.38 0.00	29.35 -1.35 0.00	29.09 -1.27 0.00	27.90 -1.28 0.00	27.06 -1.27 0.00	28.35 -1.15 0.00	29.32 -1.41 0.00	36.06 -1.66 0.00	39.23 -1.59 0.00	38.54 -1.48 0.00	33.42 -1.11 0.00	30.78 -1.05 0.00	29.85 -0.83 0.00	28.79 -0.74 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	31.33 1.92 -1.97	28.89 1.89 0.00	28.02 1.86 0.00	28.04 1.86 -0.05	28.85 1.91 0.00	32.69 2.07 -3.01	45.21 2.52 -10.75	46.96 2.87 -9.08	44.12 2.86 -7.17	35.35 2.62 -1.93	34.99 2.65 -1.57	33.78 2.61 -0.47	32.98 2.61 0.00	31.69 2.51 0.00	30.80 2.47 0.00	33.34 2.48 -1.36	36.98 2.58 -3.66	45.28 3.24 -4.31	46.91 3.55 -2.53	44.45 3.44 -0.99	42.48 2.93 -5.02	41.93 2.64 -7.45	36.54 2.52 -3.35	35.32 2.30 -3.49
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	31.63 2.17 -2.02	29.10 2.11 0.00	28.25 2.09 0.00	28.25 2.06 -0.05	29.09 2.15 0.00	33.02 2.32 -3.09	45.79 2.84 -11.01	47.71 3.40 -9.30	45.03 3.58 -7.36	43.36 3.26 -9.30	43.27 3.29 -9.21	42.94 3.25 -8.98	42.92 3.25 -9.31	42.56 3.12 -10.26	42.63 3.09 -11.21	42.71 3.10 -10.11	46.97 3.29 -12.94	50.80 4.07 -9.01	54.94 4.37 -9.75	49.18 4.28 -4.87	43.31 3.62 -5.16	42.76 3.28 -7.65	38.47 3.10 -4.70	35.93 2.83 -3.57
W50THST__13_KV_LOAD 356117	31.63 2.17 -2.02	29.13 2.13 0.00	28.28 2.12 0.00	28.28 2.09 -0.05	29.12 2.18 0.00	33.05 2.35 -3.09	45.82 2.87 -11.01	47.71 3.40 -9.30	45.07 3.61 -7.36	43.39 3.30 -9.30	43.30 3.32 -9.21	42.97 3.29 -8.98	42.95 3.28 -9.31	42.59 3.15 -10.26	42.66 3.12 -11.21	42.74 3.13 -10.11	47.00 3.32 -12.94	50.84 4.11 -9.01	54.98 4.41 -9.75	49.22 4.32 -4.87	43.35 3.66 -5.16	42.79 3.31 -7.65	38.50 3.13 -4.70	35.96 2.86 -3.57
WADING RIVER_IC_1 23522	38.25 3.07 -7.74	34.30 3.02 -4.28	31.24 2.90 -2.18	31.09 2.90 -2.05	30.92 3.02 -0.97	36.57 3.23 -5.74	49.09 3.99 -13.16	51.69 4.66 -12.01	50.14 4.60 -11.45	48.27 4.07 -13.40	44.15 4.03 -9.36	41.42 3.93 -6.78	37.31 3.92 -3.03	35.80 3.77 -2.85	36.79 3.68 -4.77	42.82 3.78 -9.55	55.46 4.18 -20.55	63.58 5.39 -20.46	65.51 5.88 -18.81	63.71 5.68 -18.01	61.38 4.80 -22.06	49.51 4.33 -13.35	43.24 3.90 -8.67	42.12 3.72 -8.87
WADING RIVER_IC_2 23547	38.25 3.07 -7.74	34.30 3.02 -4.28	31.24 2.90 -2.18	31.09 2.90 -2.05	30.92 3.02 -0.97	36.57 3.23 -5.74	49.09 3.99 -13.16	51.69 4.66 -12.01	50.14 4.60 -11.45	48.27 4.07 -13.40	44.15 4.03 -9.36	41.42 3.93 -6.78	37.31 3.92 -3.03	35.80 3.77 -2.85	36.79 3.68 -4.77	42.82 3.78 -9.55	55.46 4.18 -20.55	63.58 5.39 -20.46	65.51 5.88 -18.81	63.71 5.68 -18.01	61.38 4.80 -22.06	49.51 4.33 -13.35	43.24 3.90 -8.67	42.12 3.72 -8.87

WADING RIVER_IC_3 23601	38.25 3.07 -7.74	34.30 3.02 -4.28	31.24 2.90 -2.18	31.09 2.90 -2.05	30.92 3.02 -0.97	36.57 3.23 -5.74	49.09 3.99 -13.16	51.69 4.66 -12.01	50.14 4.60 -11.45	48.27 4.07 -13.40	44.15 4.03 -9.36	41.42 3.93 -6.78	37.31 3.92 -3.03	35.80 3.77 -2.85	36.79 3.68 -4.77	42.82 3.78 -9.55	55.46 4.18 -20.55	63.58 5.39 -20.46	65.51 5.88 -18.81	63.71 5.68 -18.01	61.38 4.80 -22.06	49.51 4.33 -13.35	43.24 3.90 -8.67	42.12 3.72 -8.87
WALDENNY_I2_KV_BK2 80841	25.77 -2.00 -0.33	25.49 -1.51 0.00	24.69 -1.46 0.00	24.57 -1.57 -0.01	25.29 -1.64 0.00	26.59 -1.52 -0.50	31.91 -1.82 -1.80	34.22 -2.31 -1.52	32.97 -2.32 -1.20	29.21 -1.91 -0.32	29.19 -1.85 -0.26	28.88 -1.90 -0.08	28.63 -1.73 0.00	27.66 -1.52 0.00	26.78 -1.56 0.00	27.66 -2.07 -0.23	29.41 -1.94 -0.61	36.03 -2.41 -0.72	38.19 -3.06 -0.42	37.15 -3.04 -0.16	32.84 -2.52 -0.84	30.85 -2.23 -1.25	29.12 -2.12 -0.56	28.67 -1.45 -0.58
WALDEN___HYDRO 24148	31.14 1.76 -1.94	28.73 1.73 0.00	27.86 1.70 0.00	27.88 1.70 -0.05	28.69 1.75 0.00	32.47 1.90 -2.96	44.83 2.33 -10.56	46.59 2.66 -8.92	43.76 2.62 -7.05	35.01 2.31 -1.89	34.62 2.31 -1.55	33.40 2.24 -0.46	32.55 2.19 0.00	31.28 2.10 0.00	30.43 2.10 0.00	32.96 2.12 -1.34	36.67 2.34 -3.59	44.94 2.98 -4.24	46.62 3.31 -2.49	44.11 3.12 -0.97	42.15 2.69 -4.94	41.57 2.42 -7.32	36.27 2.30 -3.30	35.05 2.10 -3.42
WARRENSBURG____ 23737	31.59 1.62 -2.53	28.62 1.62 0.00	27.67 1.52 0.00	27.74 1.54 -0.06	28.55 1.62 0.00	32.44 0.97 -3.86	46.96 1.24 -13.78	47.96 1.40 -11.55	44.58 1.36 -9.12	34.45 1.20 -2.45	33.82 1.05 -2.01	32.28 0.98 -0.59	31.25 0.88 0.00	30.09 0.91 0.00	29.24 0.91 0.00	32.21 0.97 -1.74	36.76 1.35 -4.67	44.96 1.74 -5.50	46.10 2.04 -3.23	43.08 1.80 -1.25	42.60 1.69 -6.39	42.75 1.43 -9.48	36.23 1.29 -4.27	35.19 1.21 -4.46
WATERSIDE___6 8 9 23538	31.63 2.17 -2.02	29.10 2.11 0.00	28.25 2.09 0.00	28.28 2.09 -0.05	29.09 2.15 0.00	33.02 2.32 -3.09	45.76 2.81 -11.01	47.64 3.33 -9.30	47.46 3.41 -9.96	43.37 3.11 -9.46	47.44 3.14 -13.54	47.44 3.10 -13.63	47.44 3.10 -13.98	42.64 2.98 -10.48	42.71 2.92 -11.46	47.41 2.95 -14.96	55.03 3.10 -21.19	57.94 3.89 -16.33	61.70 4.16 -16.71	56.98 4.08 -12.88	52.18 3.49 -14.17	42.69 3.18 -7.67	38.39 2.98 -4.74	35.90 2.81 -3.57
WATKINRD_115KV_LN8_IL 55919	27.74 0.30 0.00	27.27 0.27 0.00	26.39 0.24 0.00	26.37 0.24 0.00	27.18 0.24 0.00	27.91 0.30 0.00	32.32 0.38 0.00	35.44 0.42 0.00	34.53 0.44 0.00	31.17 0.37 0.00	31.17 0.40 0.00	31.07 0.37 0.00	30.67 0.30 0.00	29.44 0.26 0.00	28.62 0.28 0.00	29.77 0.27 0.00	31.08 0.34 0.00	38.21 0.49 0.00	41.35 0.53 0.00	40.58 0.56 0.00	34.97 0.45 0.00	32.28 0.45 0.00	31.07 0.40 0.00	29.91 0.38 0.00
WATSON___69_KV_BK 1 55734	38.33 3.16 -7.74	34.39 3.10 -4.28	31.37 3.03 -2.18	31.22 3.03 -2.05	31.03 3.12 -0.97	36.68 3.34 -5.74	49.25 4.15 -13.16	51.81 4.76 -12.03	50.29 4.74 -11.46	48.42 4.22 -13.40	44.34 4.22 -9.36	41.60 4.11 -6.78	37.46 4.07 -3.03	35.97 3.94 -2.85	36.96 3.85 -4.77	43.03 3.98 -9.54	55.62 4.33 -20.55	63.73 5.54 -20.46	65.67 6.04 -18.81	63.87 5.84 -18.01	61.56 4.97 -22.07	49.65 4.46 -13.37	43.43 4.08 -8.67	42.23 3.84 -8.87
WDELAWARE___HYD 323627	30.50 1.26 -1.80	28.21 1.22 0.00	27.34 1.18 0.00	27.36 1.18 -0.04	28.20 1.27 0.00	31.79 1.43 -2.75	43.61 1.88 -9.79	45.44 2.17 -8.25	42.72 2.11 -6.52	34.31 1.75 -1.75	33.92 1.72 -1.43	32.76 1.63 -0.42	31.09 0.73 0.00	29.82 0.64 0.00	29.04 0.71 0.00	31.48 0.74 -1.24	34.99 0.92 -3.33	42.97 1.32 -3.93	44.68 1.55 -2.31	42.32 1.40 -0.90	41.23 2.14 -4.57	40.52 1.91 -6.78	35.50 1.78 -3.05	34.30 1.59 -3.18
WEST BABYLON___IC 23714	38.17 2.99 -7.74	34.20 2.92 -4.28	31.21 2.88 -2.18	31.03 2.85 -2.05	30.87 2.96 -0.97	36.49 3.15 -5.74	48.99 3.90 -13.16	51.53 4.48 -12.03	50.02 4.47 -11.46	48.21 4.00 -13.40	44.12 4.00 -9.36	41.41 3.93 -6.78	37.28 3.89 -3.03	35.77 3.74 -2.85	36.79 3.68 -4.77	42.82 3.78 -9.54	55.37 4.09 -20.55	63.39 5.21 -20.46	65.30 5.67 -18.81	63.51 5.48 -18.01	61.25 4.66 -22.07	49.40 4.20 -13.37	43.21 3.87 -8.67	42.03 3.63 -8.87
WEST CANADA___HYD 24049	27.71 0.27 0.00	27.27 0.27 0.00	26.42 0.26 0.00	26.40 0.26 0.00	27.23 0.30 0.00	27.94 0.33 0.00	32.35 0.41 0.00	35.47 0.45 0.00	34.57 0.48 0.00	31.23 0.43 0.00	31.20 0.43 0.00	31.10 0.40 0.00	30.73 0.37 0.00	29.53 0.35 0.00	28.68 0.34 0.00	29.86 0.36 0.00	31.14 0.40 0.00	38.25 0.53 0.00	41.39 0.57 0.00	40.58 0.56 0.00	34.97 0.45 0.00	32.28 0.45 0.00	31.07 0.40 0.00	29.91 0.38 0.00
WESTERN_NY_WIND 24143	26.42 -1.32 -0.30	25.78 -1.21 0.00	24.98 -1.18 0.00	24.86 -1.28 -0.01	25.62 -1.32 0.00	27.27 -0.80 -0.46	32.77 -0.80 -1.63	35.21 -1.19 -1.38	33.92 -1.26 -1.09	30.02 -1.08 -0.29	29.96 -1.05 -0.24	29.61 -1.17 -0.07	28.88 -1.49 0.00	27.87 -1.31 0.00	27.03 -1.30 0.00	28.32 -1.39 -0.21	30.25 -1.05 -0.56	37.06 -1.32 -0.66	39.54 -1.67 -0.39	38.29 -1.88 -0.15	33.73 -1.55 -0.76	31.63 -1.34 -1.13	29.87 -1.32 -0.51	29.29 -0.77 -0.53
WESTOVER___LESR 323668	28.20 0.08 -0.68	27.27 0.27 0.00	26.42 0.26 0.00	26.41 0.26 -0.02	27.23 0.30 0.00	28.94 0.30 -1.03	36.10 0.48 -3.68	38.62 0.49 -3.11	36.99 0.44 -2.46	31.86 0.40 -0.66	31.68 0.37 -0.54	31.14 0.28 -0.16	30.76 0.39 0.00	29.59 0.41 0.00	28.70 0.37 0.00	30.12 0.15 -0.47	32.36 0.37 -1.25	39.80 0.60 -1.48	42.30 0.61 -0.87	40.92 0.56 -0.34	36.69 0.45 -1.72	34.80 0.41 -2.55	32.13 0.31 -1.15	31.14 0.41 -1.20
WETHRSFD_WT_PWR 323626	25.40 -2.36 -0.32	25.05 -1.94 0.00	23.93 -2.22 0.00	23.97 -2.17 -0.01	24.86 -2.07 0.00	26.31 -1.79 -0.50	31.56 -2.14 -1.77	33.78 -2.73 -1.49	32.57 -2.69 -1.18	28.90 -2.22 -0.32	28.84 -2.18 -0.26	28.57 -2.21 -0.08	28.21 -2.16 0.00	27.25 -1.93 0.00	26.35 -1.98 0.00	27.34 -2.39 -0.22	29.10 -2.24 -0.60	35.64 -2.79 -0.71	37.89 -3.35 -0.42	36.86 -3.32 -0.16	32.59 -2.76 -0.83	30.64 -2.42 -1.22	28.80 -2.42 -0.55	28.48 -1.62 -0.58
WHAVSTOR_138KV_BK127 55557	31.32 1.89 -1.98	28.86 1.86 0.00	27.99 1.83 0.00	27.99 1.80 -0.05	28.82 1.89 0.00	32.65 2.02 -3.03	45.20 2.46 -10.80	46.97 2.84 -9.12	44.09 2.80 -7.21	35.30 2.56 -1.94	34.93 2.58 -1.58	33.75 2.58 -0.47	32.95 2.58 0.00	31.69 2.51 0.00	30.80 2.47 0.00	33.32 2.45 -1.37	36.96 2.55 -3.67	45.26 3.21 -4.33	46.84 3.47 -2.54	44.38 3.36 -0.99	42.47 2.90 -5.05	41.93 2.61 -7.49	36.53 2.48 -3.37	35.31 2.27 -3.50
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	31.32 1.89 -1.98	28.86 1.86 0.00	27.99 1.83 0.00	27.99 1.80 -0.05	28.82 1.89 0.00	32.65 2.02 -3.03	45.20 2.46 -10.80	46.97 2.84 -9.12	44.09 2.80 -7.21	35.30 2.56 -1.94	34.93 2.58 -1.58	33.75 2.58 -0.47	32.95 2.58 0.00	31.69 2.51 0.00	30.80 2.47 0.00	33.32 2.45 -1.37	36.96 2.55 -3.67	45.26 3.21 -4.33	46.84 3.47 -2.54	44.38 3.36 -0.99	42.47 2.90 -5.05	41.93 2.61 -7.49	36.53 2.48 -3.37	35.31 2.27 -3.50

WHITEHAL_115KV_TB1 80871	32.00 2.03 -2.53	29.02 2.02 0.00	28.09 1.94 0.00	28.16 1.96 -0.06	28.96 2.02 0.00	32.96 1.49 -3.86	47.62 1.92 -13.76	48.81 2.17 -11.62	45.66 2.39 -9.18	35.27 2.00 -2.47	34.50 1.72 -2.01	32.96 1.66 -0.59	31.73 1.37 0.00	30.58 1.40 0.00	29.72 1.39 0.00	32.72 1.48 -1.74	37.40 2.00 -4.67	45.79 2.56 -5.50	47.04 2.98 -3.23	43.93 2.64 -1.26	43.44 2.49 -6.43	43.48 2.10 -9.54	36.90 1.93 -4.30	35.81 1.83 -4.45
WHITEPLN_13_KV_LOAD 356215	31.60 2.14 -2.02	29.13 2.13 0.00	28.20 2.04 0.00	28.20 2.01 -0.05	29.04 2.10 0.00	32.96 2.26 -3.09	45.67 2.75 -10.99	47.62 3.33 -9.28	44.87 3.44 -7.33	35.88 3.11 -1.97	35.55 3.17 -1.61	34.31 3.13 -0.48	33.49 3.13 0.00	32.19 3.01 0.00	31.31 2.98 0.00	33.90 3.01 -1.40	37.64 3.17 -3.74	46.05 3.92 -4.41	47.66 4.25 -2.59	45.19 4.16 -1.01	43.18 3.52 -5.14	42.60 3.15 -7.62	37.02 2.91 -3.43	35.81 2.72 -3.56
WM_FLOYD_69_KV_BK2 356380	38.25 3.07 -7.74	34.28 3.00 -4.28	31.29 2.96 -2.18	31.11 2.93 -2.05	30.92 3.02 -0.97	36.57 3.23 -5.74	49.12 4.02 -13.16	51.67 4.62 -12.03	50.15 4.60 -11.46	48.27 4.07 -13.40	44.16 4.03 -9.36	41.41 3.93 -6.78	37.31 3.92 -3.03	35.80 3.76 -2.85	36.79 3.68 -4.77	42.85 3.81 -9.55	55.46 4.18 -20.55	63.58 5.39 -20.46	65.51 5.88 -18.81	63.71 5.68 -18.01	61.39 4.80 -22.07	49.49 4.30 -13.37	43.28 3.93 -8.67	42.11 3.72 -8.87
WOODARD__115KV_TB2 355635	27.08 -0.58 -0.22	26.40 -0.59 0.00	25.58 -0.58 0.00	25.56 -0.57 -0.01	26.37 -0.57 0.00	27.50 -0.44 -0.33	32.70 -0.42 -1.18	35.53 -0.49 -1.00	34.40 -0.48 -0.79	30.58 -0.43 -0.21	30.48 -0.46 -0.17	30.20 -0.55 -0.05	29.73 -0.64 0.00	28.57 -0.61 0.00	27.71 -0.62 0.00	29.00 -0.65 -0.15	30.68 -0.46 -0.40	37.70 -0.49 -0.48	40.53 -0.57 -0.28	39.53 -0.60 -0.11	34.52 -0.55 -0.55	32.14 -0.51 -0.82	30.49 -0.55 -0.37	29.41 -0.50 -0.38
YORK__WARBASSE 23770	31.74 2.28 -2.02	29.18 2.19 0.00	28.33 2.17 0.00	28.35 2.17 -0.05	29.17 2.24 0.00	33.10 2.40 -3.09	45.86 2.91 -11.01	47.75 3.43 -9.30	47.59 3.55 -9.96	43.46 3.20 -9.46	47.53 3.23 -13.54	47.53 3.19 -13.63	47.53 3.19 -13.98	42.73 3.06 -10.48	42.82 3.03 -11.46	47.53 3.07 -14.96	55.15 3.23 -21.19	58.13 4.07 -16.33	141.24 4.41 -96.00	82.71 4.28 -38.40	52.39 3.69 -14.17	42.85 3.34 -7.67	38.55 3.13 -4.74	36.02 2.92 -3.57