

Day Ahead Market Generator LBMP

Generator Data		--- LBMP \$										--- Marginal Cost of Losses										--- Marginal Cost of Congestion										11/09/2023			
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00										
59TH STREET_GT_1	24138	24.50	21.84	21.02	20.81	21.68	25.18	33.68	36.45	34.07	34.00	34.58	33.85	31.89	31.67	32.14	33.13	39.13	50.80	38.57	34.34	30.93	27.52	25.34	23.88										
		1.41	1.30	1.21	1.17	1.30	1.54	2.08	2.26	2.44	2.43	2.32	2.35	2.35	2.41	2.39	2.20	2.52	2.68	2.57	2.38	2.16	1.74	1.56	1.27										
		0.00	0.00	0.00	-1.10	-0.38	0.00	-3.13	-6.93	-2.15	-3.27	-3.97	-3.17	-1.25	-0.91	-1.63	-3.72	-8.22	-19.62	-7.51	-4.33	-2.15	-3.13	-3.06	-3.97										
74TH STREET_GT_1	24260	24.50	21.84	21.02	20.79	21.66	25.16	33.62	36.34	33.98	33.94	34.55	33.79	31.86	31.62	32.08	33.14	39.07	50.74	38.52	34.28	30.90	27.50	25.33	23.87										
		1.41	1.29	1.21	1.15	1.28	1.51	2.02	2.15	2.36	2.38	2.29	2.29	2.32	2.35	2.33	2.20	2.47	2.62	2.51	2.32	2.13	1.72	1.53	1.25										
		0.00	0.00	0.00	-1.10	-0.38	0.00	-3.14	-6.94	-2.15	-3.27	-3.97	-3.17	-1.25	-0.91	-1.63	-3.72	-8.23	-19.63	-7.51	-4.33	-2.15	-3.13	-3.06	-3.97										
74TH STREET_GT_2	24261	24.50	21.84	21.02	20.79	21.66	25.16	33.62	36.34	33.98	33.94	34.55	33.79	31.86	31.62	32.08	33.14	39.07	50.74	38.52	34.28	30.90	27.50	25.33	23.87										
		1.41	1.29	1.21	1.15	1.28	1.51	2.02	2.15	2.36	2.38	2.29	2.29	2.32	2.35	2.33	2.20	2.47	2.62	2.51	2.32	2.13	1.72	1.53	1.25										
		0.00	0.00	0.00	-1.10	-0.38	0.00	-3.14	-6.94	-2.15	-3.27	-3.97	-3.17	-1.25	-0.91	-1.63	-3.72	-8.23	-19.63	-7.51	-4.33	-2.15	-3.13	-3.06	-3.97										
ADK HUDSON___FALLS	24011	24.71	21.99	21.16	21.26	22.01	25.56	34.41	38.00	34.28	34.40	35.41	34.54	32.00	31.34	31.99	33.75	40.35	55.28	39.70	34.61	31.27	28.05	25.93	24.96										
		1.62	1.44	1.35	1.30	1.52	1.92	1.91	1.83	2.03	1.90	2.01	2.12	2.09	1.81	1.77	1.74	1.39	1.54	1.54	1.41	1.89	1.38	1.26	1.21										
		0.00	0.00	0.00	-1.42	-0.49	0.00	-4.03	-8.92	-2.77	-4.21	-5.11	-4.09	-1.61	-1.17	-2.10	-4.80	-10.58	-25.24	-9.66	-5.57	-2.76	-4.03	-3.94	-5.10										
ADK RESOURCE___RCVRY	23798	24.84	22.09	21.28	21.37	22.15	25.73	34.61	38.20	34.51	34.63	35.62	34.76	32.23	31.54	32.16	33.91	40.50	55.46	39.90	34.75	31.46	28.17	26.03	25.06										
		1.75	1.54	1.47	1.41	1.66	2.08	2.11	2.02	2.27	2.12	2.21	2.35	2.32	2.01	1.94	1.90	1.53	1.71	1.74	1.55	2.08	1.49	1.37	1.30										
		0.00	0.00	0.00	-1.42	-0.49	0.00	-4.03	-8.92	-2.77	-4.22	-5.11	-4.09	-1.61	-1.18	-2.10	-4.80	-10.58	-25.26	-9.67	-5.57	-2.76	-4.03	-3.94	-5.11										
ADK S GLENS___FALLS	24028	24.71	21.99	21.16	21.26	22.01	25.56	34.41	38.00	34.28	34.40	35.41	34.54	32.00	31.34	31.99	33.75	40.35	55.28	39.70	34.61	31.27	28.05	25.93	24.96										
		1.62	1.44	1.35	1.30	1.52	1.92	1.91	1.83	2.03	1.90	2.01	2.12	2.09	1.81	1.77	1.74	1.39	1.54	1.54	1.41	1.89	1.38	1.26	1.21										
		0.00	0.00	0.00	-1.42	-0.49	0.00	-4.03	-8.92	-2.77	-4.21	-5.11	-4.09	-1.61	-1.17	-2.10	-4.80	-10.58	-25.24	-9.66	-5.57	-2.76	-4.03	-3.94	-5.10										
ADK_NYS___DAM	23527	24.06	21.47	20.70	20.80	21.45	24.90	33.99	37.55	33.86	33.98	34.88	33.92	31.52	31.13	31.78	33.45	40.29	54.59	39.55	34.62	30.89	27.81	25.63	24.57										
		0.97	0.93	0.89	0.89	0.98	1.25	1.62	1.66	1.71	1.61	1.64	1.64	1.67	1.64	1.63	1.60	1.67	1.68	1.71	1.60	1.60	1.27	1.10	0.99										
		0.00	0.00	0.00	-1.37	-0.47	0.00	-3.90	-8.63	-2.68	-4.07	-4.94	-3.95	-1.56	-1.14	-2.03	-4.64	-10.23	-24.41	-9.35	-5.38	-2.67	-3.89	-3.81	-4.94										
AIR_PRODUCTS___DRP	24190	23.41	20.94	20.21	20.30	20.91	24.12	33.01	36.57	32.88	33.07	33.96	33.01	30.58	30.22	30.88	32.60	39.33	53.63	38.62	33.75	30.01	27.03	24.97	23.91										
		0.32	0.39	0.40	0.39	0.44	0.47	0.65	0.71	0.74	0.71	0.74	0.74	0.74	0.74	0.73	0.76	0.74	0.77	0.80	0.75	0.72	0.50	0.44	0.34										
		0.00	0.00	0.00	-1.37	-0.47	0.00	-3.89	-8.61	-2.68	-4.07	-4.93	-3.95	-1.55	-1.13	-2.02	-4.63	-10.21	-24.37	-9.33	-5.37	-2.67	-3.89	-3.80	-4.93										
AKWESSNE_115KV_BK	355683	23.00	20.41	19.65	18.38	19.78	23.41	28.13	27.01	29.24	28.12	28.10	28.15	28.15	28.15	27.90	26.96	28.10	28.07	28.07	27.36	26.28	22.35	17.55	18.38										
		-0.09	-0.14	-0.16	-0.17	-0.22	-0.24	-0.34	-0.25	-0.24	-0.17	-0.20	-0.17	-0.14	-0.20	-0.22	-0.24	-0.28	-0.43	-0.43	-0.28	-0.35	-0.29	-0.31	-0.26										
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.87	0.00										
ALBANY___1	23571	23.41	20.94	20.21	20.30	20.91	24.12	33.01	36.57	32.88	33.07	33.96	33.01	30.58	30.22	30.88	32.60	39.33	53.63	38.62	33.75	30.01	27.03	24.97	23.91										
		0.32	0.39	0.40	0.39	0.44	0.47	0.65	0.71	0.74	0.71	0.74	0.74	0.74	0.74	0.73	0.76	0.74	0.77	0.80	0.75	0.72	0.50	0.44	0.34										
		0.00	0.00	0.00	-1.37	-0.47	0.00	-3.89	-8.61	-2.68	-4.07	-4.93	-3.95	-1.55	-1.13	-2.02	-4.63	-10.21	-24.37	-9.33	-5.37	-2.67	-3.89	-3.80	-4.93										
ALBANY___2	23572	23.41	20.94	20.21	20.30	20.91	24.12	33.01	36.57	32.88	33.07	33.96	33.01	30.58	30.22	30.88	32.60	39.33	53.63	38.62	33.75	30.01	27.03	24.97	23.91										
		0.32	0.39	0.40	0.39	0.44	0.47	0.65	0.71	0.74	0.71	0.74	0.74	0.74	0.74	0.73	0.76	0.74	0.77	0.80	0.75	0.72	0.50	0.44	0.34										
		0.00	0.00	0.00	-1.37	-0.47	0.00	-3.89	-8.61	-2.68	-4.07	-4.93	-3.95	-1.55	-1.13	-2.02	-4.63	-10.21	-24.37	-9.33	-5.37	-2.67	-3.89	-3.80	-4.93										
ALBANY___3	23573	23.41	20.94	20.21	20.30	20.91	24.12	33.01	36.57	32.88	33.07	33.96	33.01	30.58	30.22	30.88	32.60	39.33	53.63	38.62	33.75	30.01	27.03	24.97	23.91										
		0.32	0.39	0.40	0.39	0.44	0.47	0.65	0.71	0.74	0.71	0.74	0.74	0.74	0.74	0.73	0.76	0.74	0.77	0.80	0.75	0.72	0.50	0.44	0.34										
		0.00	0.00	0.00	-1.37	-0.47	0.00	-3.89	-8.61	-2.68	-4.07	-4.93	-3.95	-1.55	-1.13	-2.02	-4.63	-10.21	-24.37	-9.33	-5.37	-2.67	-3.89	-3.80	-4.93										

ALBANY___4 23574	23.41 0.32 0.00	20.94 0.39 0.00	20.21 0.40 0.00	20.30 0.39 -1.37	20.91 0.44 -0.47	24.12 0.47 0.00	33.01 0.65 -3.89	36.57 0.71 -8.61	32.88 0.74 -2.68	33.07 0.71 -4.07	33.96 0.74 -4.93	33.01 0.74 -3.95	30.58 0.74 -1.55	30.22 0.74 -1.13	30.88 0.73 -2.02	32.60 0.76 -4.63	39.33 0.74 -10.21	53.63 0.77 -24.37	38.62 0.80 -9.33	33.75 0.75 -5.37	30.01 0.72 -2.67	27.03 0.50 -3.89	24.97 0.44 -3.80	23.91 0.34 -4.93
ALBANY___LFGE 323615	23.69 0.60 0.00	21.17 0.62 0.00	20.43 0.61 0.00	20.52 0.59 -1.38	21.14 0.66 -0.47	24.43 0.78 0.00	33.43 1.02 -3.94	37.03 1.06 -8.71	33.30 1.12 -2.71	33.48 1.07 -4.11	34.39 1.10 -4.99	33.42 1.10 -3.99	30.97 1.10 -1.57	30.60 1.10 -1.15	31.26 1.10 -2.05	32.93 1.03 -4.68	39.76 1.05 -10.33	54.22 1.08 -24.65	39.04 1.11 -9.43	34.09 1.02 -5.43	30.31 0.99 -2.70	27.30 0.72 -3.93	25.21 0.64 -3.84	24.13 0.50 -4.98
ALCOA_PA_115KV_PL-6C 55860	23.14 0.05 0.00	20.53 -0.02 0.00	19.77 -0.04 0.00	18.49 -0.06 0.00	19.90 -0.10 0.00	23.58 -0.07 0.00	28.32 -0.14 0.00	27.20 -0.05 0.00	29.41 -0.06 0.00	28.29 0.00 0.00	28.27 -0.03 0.00	28.32 0.00 0.00	28.32 0.03 0.00	28.32 -0.03 0.00	28.07 -0.06 0.00	27.10 -0.11 0.00	28.21 -0.17 0.00	28.18 -0.31 0.00	28.21 -0.28 0.00	27.49 -0.14 0.00	26.41 -0.21 0.00	22.49 -0.16 0.00	17.77 -0.19 2.78	18.96 -0.17 -0.48
ALCOA_RYNLDS___DRP 24188	23.14 0.05 0.00	20.53 -0.02 0.00	19.77 -0.04 0.00	18.49 -0.06 0.00	19.90 -0.10 0.00	23.58 -0.07 0.00	28.32 -0.14 0.00	27.20 -0.05 0.00	29.41 -0.06 0.00	28.29 0.00 0.00	28.27 -0.03 0.00	28.32 0.00 0.00	28.32 0.03 0.00	28.32 -0.03 0.00	28.07 -0.06 0.00	27.10 -0.11 0.00	28.21 -0.17 0.00	28.18 -0.31 0.00	28.21 -0.28 0.00	27.49 -0.14 0.00	26.41 -0.21 0.00	22.49 -0.16 0.00	17.77 -0.19 2.78	18.96 -0.17 -0.48
ALCOA___DSASP 323711	23.14 0.05 0.00	20.53 -0.02 0.00	19.77 -0.04 0.00	18.49 -0.06 0.00	19.90 -0.10 0.00	23.58 -0.07 0.00	28.33 -0.14 0.00	27.17 -0.08 0.00	29.41 -0.06 0.00	28.29 0.00 0.00	28.32 0.03 0.00	28.35 0.03 0.00	28.35 0.06 0.00	28.32 -0.03 0.00	28.07 -0.06 0.00	27.10 -0.11 0.00	28.21 -0.17 0.00	28.18 -0.31 0.00	28.21 -0.28 0.00	27.49 -0.14 0.00	26.41 -0.21 0.00	22.49 -0.16 0.00	17.77 -0.19 2.78	18.96 -0.17 -0.48
ALLEGHENY___COGEN 23514	22.98 -0.11 0.00	20.45 -0.10 0.00	19.73 -0.08 0.00	18.69 -0.17 -0.31	20.05 -0.06 -0.11	23.69 0.05 0.00	29.54 0.14 -0.93	29.20 -0.08 -2.03	28.70 -0.41 0.36	27.23 -0.71 0.36	27.89 -0.85 -0.45	26.78 -0.88 0.67	27.17 -1.05 0.08	26.95 -1.05 0.35	26.91 -1.10 0.12	26.62 -0.73 -0.15	30.16 -0.62 -2.40	34.34 0.11 -5.73	31.09 0.40 -2.19	28.87 -0.03 -1.26	27.39 0.13 -0.63	23.39 -0.18 -0.92	21.43 -0.21 -0.90	19.78 -0.04 -1.17
ALTAMONT_115KV_TB 2 55880	23.71 0.62 0.00	21.17 0.62 0.00	20.41 0.59 0.00	20.51 0.59 -1.37	21.11 0.64 -0.47	24.43 0.78 0.00	33.36 1.00 -3.89	36.91 1.04 -8.62	33.24 1.09 -2.68	33.38 1.02 -4.07	34.28 1.05 -4.93	33.29 1.02 -3.95	30.87 1.02 -1.55	30.51 1.02 -1.13	31.19 1.04 -2.03	32.87 1.03 -4.63	39.65 1.05 -10.22	53.96 1.08 -24.38	38.94 1.11 -9.33	34.06 1.05 -5.38	30.30 1.01 -2.67	27.31 0.77 -3.89	25.22 0.68 -3.80	24.16 0.58 -4.93
ALTONA_WT_PWR 323606	23.44 0.35 0.00	20.67 0.12 0.00	19.83 0.02 0.00	18.43 -0.11 0.00	19.70 -0.30 0.00	23.36 -0.28 0.00	28.01 -0.46 0.00	26.68 -0.57 0.00	29.12 -0.35 0.00	28.27 -0.03 0.00	28.55 0.25 0.00	28.75 0.43 0.00	28.78 0.48 0.00	28.72 0.37 0.00	28.29 0.17 0.00	27.13 -0.08 0.00	28.07 -0.31 0.00	27.81 -0.68 0.00	27.75 -0.74 0.00	27.02 -0.61 0.00	25.88 -0.75 0.00	21.81 -0.84 0.00	16.92 -0.97 2.84	0.19 -0.89 17.56
AMERICAN_REF_FUEL 24010	21.13 -1.96 0.00	18.95 -1.60 0.00	18.37 -1.45 0.00	17.31 -1.52 -0.29	18.58 -1.52 -0.10	21.85 -1.80 0.00	26.92 -2.42 -0.88	26.19 -2.84 -1.77	25.98 -3.30 0.19	24.92 -3.28 0.10	25.63 -3.31 -0.65	24.74 -3.20 0.38	24.98 -3.31 0.00	24.83 -3.26 0.27	24.85 -3.29 -0.01	24.69 -2.91 -0.39	27.19 -3.29 -2.10	30.67 -2.82 -5.00	27.96 -2.45 -1.92	25.84 -2.90 -1.11	24.70 -2.48 -0.55	21.36 -2.15 -0.87	19.69 -1.89 -0.85	18.24 -1.51 -1.10
ARKWRIGHT___SUMMIT_WT_PWR 323751	21.43 -1.66 0.00	19.13 -1.42 0.00	18.52 -1.29 0.00	17.39 -1.47 -0.31	18.63 -1.48 -0.11	22.16 -1.49 0.00	27.34 -2.05 -0.92	26.78 -2.37 -1.90	26.60 -2.68 0.19	25.62 -2.57 0.10	26.28 -2.66 -0.65	25.37 -2.58 0.38	25.61 -2.69 0.00	25.37 -2.72 0.26	25.46 -2.67 -0.01	25.15 -2.45 -0.39	28.11 -2.53 -2.25	31.84 -2.02 -5.37	28.76 -1.79 -2.06	26.58 -2.24 -1.19	25.30 -1.92 -0.59	21.80 -1.77 -0.92	20.01 -1.62 -0.90	18.48 -1.32 -1.16
ARTHUR_KILL_GT_1 23520	24.66 1.57 0.00	21.97 1.42 0.00	21.14 1.33 0.00	20.91 1.26 -1.10	21.76 1.38 -0.38	25.11 1.47 0.00	33.51 1.91 -3.14	35.98 1.80 -6.93	33.75 2.12 -2.15	33.74 2.18 -3.27	34.15 1.90 -3.96	33.56 2.07 -3.17	31.61 2.06 -1.25	31.36 2.10 -0.91	31.86 2.11 -1.63	32.86 1.93 -3.72	38.84 2.24 -8.22	50.51 2.39 -19.62	38.28 2.28 -7.51	34.13 2.18 -4.32	30.74 1.97 -2.15	27.43 1.65 -3.13	25.28 1.49 -3.06	23.92 1.30 -3.97
ARTHUR_KILL_2 23512	24.61 1.52 0.00	21.93 1.38 0.00	21.10 1.29 0.00	20.87 1.22 -1.10	21.72 1.34 -0.38	25.06 1.42 0.00	33.45 1.85 -3.14	35.93 1.75 -6.93	33.69 2.06 -2.15	33.66 2.09 -3.27	34.09 1.84 -3.96	33.48 1.98 -3.17	31.55 2.01 -1.25	31.31 2.04 -0.91	31.80 2.05 -1.63	32.81 1.88 -3.72	38.75 2.16 -8.22	50.42 2.31 -19.62	38.19 2.19 -7.51	34.05 2.10 -4.32	30.66 1.89 -2.15	27.36 1.58 -3.13	25.24 1.45 -3.06	23.88 1.27 -3.97
ARTHUR_KILL_3 23513	24.34 1.25 0.00	21.68 1.13 0.00	20.88 1.07 0.00	20.68 1.04 -1.10	21.54 1.16 -0.38	25.02 1.37 0.00	33.45 1.85 -3.14	36.21 2.02 -6.93	33.80 2.18 -2.15	33.74 2.18 -3.27	34.32 2.06 -3.97	33.59 2.10 -3.17	31.67 2.12 -1.25	31.42 2.15 -0.91	31.89 2.14 -1.63	32.92 1.99 -3.72	38.88 2.27 -8.23	50.51 2.39 -19.63	38.26 2.25 -7.51	34.09 2.13 -4.33	30.69 1.92 -2.15	27.34 1.56 -3.13	25.18 1.39 -3.06	23.71 1.10 -3.97
ARTHUR_KILL_COGEN 323718	24.66 1.57 0.00	21.97 1.42 0.00	21.14 1.33 0.00	20.91 1.26 -1.10	21.76 1.38 -0.38	25.11 1.47 0.00	33.51 1.91 -3.14	35.98 1.80 -6.93	33.75 2.12 -2.15	33.74 2.18 -3.27	34.15 1.90 -3.96	33.56 2.07 -3.17	31.61 2.06 -1.25	31.36 2.10 -0.91	31.86 2.11 -1.63	32.86 1.93 -3.72	38.84 2.24 -8.22	50.51 2.39 -19.62	38.28 2.28 -7.51	34.13 2.18 -4.32	30.74 1.97 -2.15	27.43 1.65 -3.13	25.28 1.49 -3.06	23.92 1.30 -3.97
ASHOKAN____ 23654	24.52 1.43 0.00	21.88 1.33 0.00	21.08 1.27 0.00	20.02 0.26 -1.22	20.84 0.42 -0.42	25.23 1.58 0.00	32.68 0.74 -3.47	35.70 0.76 -7.68	32.56 0.71 -2.38	32.48 0.57 -3.62	33.08 0.40 -4.39	32.14 0.31 -3.51	29.88 0.20 -1.38	29.64 0.28 -1.01	30.23 0.31 -1.80	31.73 0.41 -4.12	38.08 0.60 -9.11	51.00 0.77 -21.73	37.58 0.77 -8.32	33.20 0.77 -4.79	29.61 0.61 -2.38	26.50 0.38 -3.47	24.28 0.17 -3.39	23.08 0.04 -4.40

ASTORIA_EAST_ENERGY_CC1 323581	24.38	21.80	20.98	20.76	21.60	24.80	33.16	35.93	33.59	33.57	34.12	33.42	31.49	31.24	31.71	32.72	38.70	50.34	38.11	33.91	30.55	27.19	25.05	23.79
	1.29	1.25	1.17	1.11	1.22	1.16	1.56	1.75	1.97	2.01	1.87	1.93	1.95	1.98	1.97	1.80	2.10	2.22	2.11	1.96	1.78	1.43	1.26	1.18
	0.00	0.00	0.00	-1.10	-0.38	0.00	-3.13	-6.93	-2.14	-3.26	-3.96	-3.17	-1.24	-0.90	-1.62	-3.72	-8.22	-19.62	-7.51	-4.32	-2.14	-3.12	-3.05	-3.97
ASTORIA_EAST_ENERGY_CC2 323582	24.38	21.80	20.98	20.76	21.60	24.80	33.16	35.93	33.59	33.57	34.12	33.42	31.49	31.24	31.71	32.72	38.70	50.34	38.11	33.91	30.55	27.19	25.05	23.79
	1.29	1.25	1.17	1.11	1.22	1.16	1.56	1.75	1.97	2.01	1.87	1.93	1.95	1.98	1.97	1.80	2.10	2.22	2.11	1.96	1.78	1.43	1.26	1.18
	0.00	0.00	0.00	-1.10	-0.38	0.00	-3.13	-6.93	-2.14	-3.26	-3.96	-3.17	-1.24	-0.90	-1.62	-3.72	-8.22	-19.62	-7.51	-4.32	-2.14	-3.12	-3.05	-3.97
ASTORIA_GT2_1 24094	24.41	21.82	20.98	20.78	21.62	24.85	33.20	35.94	33.60	33.57	34.19	33.45	31.52	31.28	31.75	32.78	38.73	50.37	38.15	33.92	30.55	27.20	25.08	23.79
	1.32	1.27	1.17	1.13	1.24	1.21	1.59	1.74	1.97	2.01	1.92	1.95	1.98	2.01	2.00	1.85	2.13	2.25	2.14	1.96	1.78	1.43	1.29	1.17
	0.00	0.00	0.00	-1.10	-0.38	0.00	-3.14	-6.94	-2.15	-3.27	-3.97	-3.17	-1.25	-0.91	-1.63	-3.72	-8.23	-19.63	-7.51	-4.33	-2.15	-3.13	-3.06	-3.97
ASTORIA_GT2_2 24095	24.41	21.82	20.98	20.78	21.62	24.85	33.20	35.94	33.60	33.57	34.19	33.45	31.52	31.28	31.75	32.78	38.73	50.37	38.15	33.92	30.55	27.20	25.08	23.79
	1.32	1.27	1.17	1.13	1.24	1.21	1.59	1.74	1.97	2.01	1.92	1.95	1.98	2.01	2.00	1.85	2.13	2.25	2.14	1.96	1.78	1.43	1.29	1.17
	0.00	0.00	0.00	-1.10	-0.38	0.00	-3.14	-6.94	-2.15	-3.27	-3.97	-3.17	-1.25	-0.91	-1.63	-3.72	-8.23	-19.63	-7.51	-4.33	-2.15	-3.13	-3.06	-3.97
ASTORIA_GT2_3 24096	24.41	21.82	20.98	20.78	21.62	24.85	33.20	35.94	33.60	33.57	34.19	33.45	31.52	31.28	31.75	32.78	38.73	50.37	38.15	33.92	30.55	27.20	25.08	23.79
	1.32	1.27	1.17	1.13	1.24	1.21	1.59	1.74	1.97	2.01	1.92	1.95	1.98	2.01	2.00	1.85	2.13	2.25	2.14	1.96	1.78	1.43	1.29	1.17
	0.00	0.00	0.00	-1.10	-0.38	0.00	-3.14	-6.94	-2.15	-3.27	-3.97	-3.17	-1.25	-0.91	-1.63	-3.72	-8.23	-19.63	-7.51	-4.33	-2.15	-3.13	-3.06	-3.97
ASTORIA_GT2_4 24097	24.41	21.82	20.98	20.78	21.62	24.85	33.20	35.94	33.60	33.57	34.19	33.45	31.52	31.28	31.75	32.78	38.73	50.37	38.15	33.92	30.55	27.20	25.08	23.79
	1.32	1.27	1.17	1.13	1.24	1.21	1.59	1.74	1.97	2.01	1.92	1.95	1.98	2.01	2.00	1.85	2.13	2.25	2.14	1.96	1.78	1.43	1.29	1.17
	0.00	0.00	0.00	-1.10	-0.38	0.00	-3.14	-6.94	-2.15	-3.27	-3.97	-3.17	-1.25	-0.91	-1.63	-3.72	-8.23	-19.63	-7.51	-4.33	-2.15	-3.13	-3.06	-3.97
ASTORIA_GT3_1 24098	24.41	21.82	20.98	20.78	21.62	24.85	33.20	35.94	33.60	33.57	34.19	33.45	31.52	31.28	31.75	32.78	38.73	50.37	38.15	33.92	30.55	27.20	25.08	23.79
	1.32	1.27	1.17	1.13	1.24	1.21	1.59	1.74	1.97	2.01	1.92	1.95	1.98	2.01	2.00	1.85	2.13	2.25	2.14	1.96	1.78	1.43	1.29	1.17
	0.00	0.00	0.00	-1.10	-0.38	0.00	-3.14	-6.94	-2.15	-3.27	-3.97	-3.17	-1.25	-0.91	-1.63	-3.72	-8.23	-19.63	-7.51	-4.33	-2.15	-3.13	-3.06	-3.97
ASTORIA_GT3_2 24099	24.41	21.82	20.98	20.78	21.62	24.85	33.20	35.94	33.60	33.57	34.19	33.45	31.52	31.28	31.75	32.78	38.73	50.37	38.15	33.92	30.55	27.20	25.08	23.79
	1.32	1.27	1.17	1.13	1.24	1.21	1.59	1.74	1.97	2.01	1.92	1.95	1.98	2.01	2.00	1.85	2.13	2.25	2.14	1.96	1.78	1.43	1.29	1.17
	0.00	0.00	0.00	-1.10	-0.38	0.00	-3.14	-6.94	-2.15	-3.27	-3.97	-3.17	-1.25	-0.91	-1.63	-3.72	-8.23	-19.63	-7.51	-4.33	-2.15	-3.13	-3.06	-3.97
ASTORIA_GT3_3 24100	24.41	21.82	20.98	20.78	21.62	24.85	33.20	35.94	33.60	33.57	34.19	33.45	31.52	31.28	31.75	32.78	38.73	50.37	38.15	33.92	30.55	27.20	25.08	23.79
	1.32	1.27	1.17	1.13	1.24	1.21	1.59	1.74	1.97	2.01	1.92	1.95	1.98	2.01	2.00	1.85	2.13	2.25	2.14	1.96	1.78	1.43	1.29	1.17
	0.00	0.00	0.00	-1.10	-0.38	0.00	-3.14	-6.94	-2.15	-3.27	-3.97	-3.17	-1.25	-0.91	-1.63	-3.72	-8.23	-19.63	-7.51	-4.33	-2.15	-3.13	-3.06	-3.97
ASTORIA_GT3_4 24101	24.41	21.82	20.98	20.78	21.62	24.85	33.20	35.94	33.60	33.57	34.19	33.45	31.52	31.28	31.75	32.78	38.73	50.37	38.15	33.92	30.55	27.20	25.08	23.79
	1.32	1.27	1.17	1.13	1.24	1.21	1.59	1.74	1.97	2.01	1.92	1.95	1.98	2.01	2.00	1.85	2.13	2.25	2.14	1.96	1.78	1.43	1.29	1.17
	0.00	0.00	0.00	-1.10	-0.38	0.00	-3.14	-6.94	-2.15	-3.27	-3.97	-3.17	-1.25	-0.91	-1.63	-3.72	-8.23	-19.63	-7.51	-4.33	-2.15	-3.13	-3.06	-3.97
ASTORIA_GT4_1 24102	24.41	21.82	20.98	20.78	21.62	24.85	33.20	35.94	33.60	33.57	34.19	33.45	31.52	31.28	31.75	32.78	38.73	50.37	38.15	33.92	30.55	27.20	25.08	23.79
	1.32	1.27	1.17	1.13	1.24	1.21	1.59	1.74	1.97	2.01	1.92	1.95	1.98	2.01	2.00	1.85	2.13	2.25	2.14	1.96	1.78	1.43	1.29	1.17
	0.00	0.00	0.00	-1.10	-0.38	0.00	-3.14	-6.94	-2.15	-3.27	-3.97	-3.17	-1.25	-0.91	-1.63	-3.72	-8.23	-19.63	-7.51	-4.33	-2.15	-3.13	-3.06	-3.97
ASTORIA_GT4_2 24103	24.41	21.82	20.98	20.78	21.62	24.85	33.20	35.94	33.60	33.57	34.19	33.45	31.52	31.28	31.75	32.78	38.73	50.37	38.15	33.92	30.55	27.20	25.08	23.79
	1.32	1.27	1.17	1.13	1.24	1.21	1.59	1.74	1.97	2.01	1.92	1.95	1.98	2.01	2.00	1.85	2.13	2.25	2.14	1.96	1.78	1.43	1.29	1.17
	0.00	0.00	0.00	-1.10	-0.38	0.00	-3.14	-6.94	-2.15	-3.27	-3.97	-3.17	-1.25	-0.91	-1.63	-3.72	-8.23	-19.63	-7.51	-4.33	-2.15	-3.13	-3.06	-3.97
ASTORIA_GT4_3 24104	24.41	21.82	20.98	20.78	21.62	24.85	33.20	35.94	33.60	33.57	34.19	33.45	31.52	31.28	31.75	32.78	38.73	50.37	38.15	33.92	30.55	27.20	25.08	23.79
	1.32	1.27	1.17	1.13	1.24	1.21	1.59	1.74	1.97	2.01	1.92	1.95	1.98	2.01	2.00	1.85	2.13	2.25	2.14	1.96	1.78	1.43	1.29	1.17
	0.00	0.00	0.00	-1.10	-0.38	0.00	-3.14	-6.94	-2.15	-3.27	-3.97	-3.17	-1.25	-0.91	-1.63	-3.72	-8.23	-19.63	-7.51	-4.33	-2.15	-3.13	-3.06	-3.97
ASTORIA_GT4_4 24105	24.41	21.82	20.98	20.78	21.62	24.85	33.20	35.94	33.60	33.57	34.19	33.45	31.52	31.28	31.75	32.78	38.73	50.37	38.15	33.92	30.55	27.20	25.08	23.79
	1.32	1.27	1.17	1.13	1.24	1.21	1.59	1.74	1.97	2.01	1.92	1.95	1.98	2.01	2.00	1.85	2.13	2.25	2.14	1.96	1.78	1.43	1.29	1.17
	0.00	0.00	0.00	-1.10	-0.38	0.00	-3.14	-6.94	-2.15	-3.27	-3.97	-3.17	-1.25	-0.91	-1.63	-3.72	-8.23	-19.63	-7.51	-4.33	-2.15	-3.13	-3.06	-3.97
ASTORIA_GT_1 23523	24.43	21.84	21.02	20.80	21.64	24.85	33.24	36.01	33.68	33.62	34.20	33.47	31.57	31.30	31.77	32.78	38.75	50.42	38.19	34.00	30.60	27.24	25.09	23.83
	1.34	1.30	1.21	1.15	1.26	1.21	1.65	1.83	2.06	2.06	1.95	1.98	2.04	2.04	2.03	1.85	2.16	2.31	2.19	2.04	1.84	1.47	1.31	1.21
	0.00	0.00	0.00	-1.10	-0.38	0.00	-3.13	-6.93	-2.14	-3.26	-3.96	-3.17	-1.24	-0.90	-1.62	-3.72	-8.22	-19.62	-7.51	-4.32	-2.14	-3.12	-3.05	-3.97

ASTORIA_GT_10 24110	24.43 1.34 0.00	21.80 1.25 0.00	20.98 1.17 0.00	20.78 1.13 -1.10	21.62 1.24 -0.38	25.02 1.37 0.00	33.40 1.79 -3.14	36.15 1.96 -6.94	33.77 2.15 -2.15	33.74 2.18 -3.27	34.35 2.09 -3.97	33.62 2.12 -3.17	31.69 2.15 -1.25	31.45 2.18 -0.91	31.92 2.17 -1.63	32.95 2.01 -3.72	38.93 2.33 -8.23	50.57 2.45 -19.63	38.32 2.31 -7.51	34.11 2.16 -4.33	30.71 1.94 -2.15	27.34 1.56 -3.13	25.20 1.41 -3.06	23.81 1.19 -3.97
ASTORIA_GT_11 24225	24.43 1.34 0.00	21.80 1.25 0.00	20.98 1.17 0.00	20.78 1.13 -1.10	21.62 1.24 -0.38	25.02 1.37 0.00	33.40 1.79 -3.14	36.15 1.96 -6.94	33.77 2.15 -2.15	33.74 2.18 -3.27	34.35 2.09 -3.97	33.62 2.12 -3.17	31.69 2.15 -1.25	31.45 2.18 -0.91	31.92 2.17 -1.63	32.95 2.01 -3.72	38.93 2.33 -8.23	50.57 2.45 -19.63	38.32 2.31 -7.51	34.11 2.16 -4.33	30.71 1.94 -2.15	27.34 1.56 -3.13	25.20 1.41 -3.06	23.81 1.19 -3.97
ASTORIA_GT_12 24226	24.43 1.34 0.00	21.80 1.25 0.00	20.98 1.17 0.00	20.78 1.13 -1.10	21.62 1.24 -0.38	25.02 1.37 0.00	33.40 1.79 -3.14	36.15 1.96 -6.94	33.77 2.15 -2.15	33.74 2.18 -3.27	34.35 2.09 -3.97	33.62 2.12 -3.17	31.69 2.15 -1.25	31.45 2.18 -0.91	31.92 2.17 -1.63	32.95 2.01 -3.72	38.93 2.33 -8.23	50.57 2.45 -19.63	38.32 2.31 -7.51	34.11 2.16 -4.33	30.71 1.94 -2.15	27.34 1.56 -3.13	25.20 1.41 -3.06	23.81 1.19 -3.97
ASTORIA_GT_13 24227	24.43 1.34 0.00	21.80 1.25 0.00	20.98 1.17 0.00	20.78 1.13 -1.10	21.62 1.24 -0.38	25.02 1.37 0.00	33.40 1.79 -3.14	36.15 1.96 -6.94	33.77 2.15 -2.15	33.74 2.18 -3.27	34.35 2.09 -3.97	33.62 2.12 -3.17	31.69 2.15 -1.25	31.45 2.18 -0.91	31.92 2.17 -1.63	32.95 2.01 -3.72	38.93 2.33 -8.23	50.57 2.45 -19.63	38.32 2.31 -7.51	34.11 2.16 -4.33	30.71 1.94 -2.15	27.34 1.56 -3.13	25.20 1.41 -3.06	23.81 1.19 -3.97
ASTORIA_GT_5 24106	24.43 1.34 0.00	21.84 1.30 0.00	21.02 1.21 0.00	20.80 1.15 -1.10	21.64 1.26 -0.38	24.85 1.21 0.00	33.24 1.65 -3.13	36.01 1.83 -6.93	33.68 2.06 -2.14	33.62 2.06 -3.26	34.20 1.95 -3.96	33.47 1.98 -3.17	31.57 2.04 -1.24	31.30 2.04 -0.90	31.77 2.03 -1.62	32.78 1.85 -3.72	38.75 2.16 -8.22	50.42 2.31 -19.62	38.19 2.19 -7.51	34.00 2.04 -4.32	30.60 1.84 -2.14	27.24 1.47 -3.12	25.09 1.31 -3.05	23.83 1.21 -3.97
ASTORIA_GT_7 24107	24.43 1.34 0.00	21.84 1.30 0.00	21.02 1.21 0.00	20.80 1.15 -1.10	21.64 1.26 -0.38	24.85 1.21 0.00	33.24 1.65 -3.13	36.01 1.83 -6.93	33.68 2.06 -2.14	33.62 2.06 -3.26	34.20 1.95 -3.96	33.47 1.98 -3.17	31.57 2.04 -1.24	31.30 2.03 -0.90	31.77 2.03 -1.62	32.78 1.85 -3.72	38.75 2.16 -8.22	50.42 2.31 -19.62	38.19 2.19 -7.51	34.00 2.04 -4.32	30.60 1.84 -2.14	27.24 1.47 -3.12	25.09 1.31 -3.05	23.83 1.21 -3.97
ASTORIA_GT_8 24108	24.43 1.34 0.00	21.84 1.29 0.00	21.02 1.21 0.00	20.79 1.15 -1.10	21.64 1.26 -0.38	24.88 1.23 0.00	33.22 1.62 -3.14	35.99 1.80 -6.94	33.66 2.03 -2.15	33.63 2.07 -3.27	34.21 1.95 -3.97	33.51 2.01 -3.17	31.58 2.04 -1.25	31.33 2.07 -0.91	31.80 2.05 -1.63	32.84 1.90 -3.72	38.76 2.16 -8.23	50.43 2.31 -19.63	38.20 2.19 -7.51	33.98 2.02 -4.33	30.61 1.84 -2.15	27.25 1.47 -3.13	25.10 1.31 -3.06	23.83 1.21 -3.97
ASTORIA___2 24149	24.38 1.29 0.00	21.80 1.25 0.00	20.98 1.17 0.00	20.78 1.13 -1.10	21.60 1.22 -0.38	24.83 1.18 0.00	33.19 1.59 -3.13	35.95 1.77 -6.93	33.62 2.01 -2.14	33.57 2.01 -3.26	34.15 1.90 -3.96	33.44 1.95 -3.17	31.52 1.98 -1.24	31.24 1.98 -0.90	31.74 2.00 -1.62	32.75 1.82 -3.72	38.70 2.10 -8.22	50.37 2.25 -19.62	38.14 2.14 -7.51	33.94 1.99 -4.32	30.57 1.81 -2.14	27.19 1.43 -3.12	25.07 1.29 -3.05	23.79 1.18 -3.97
ASTORIA___3 23516	24.43 1.34 0.00	21.78 1.23 0.00	20.98 1.17 0.00	20.78 1.13 -1.10	21.60 1.22 -0.38	24.99 1.35 0.00	33.43 1.82 -3.14	36.15 1.96 -6.94	33.80 2.18 -2.15	33.77 2.21 -3.27	34.33 2.06 -3.97	33.62 2.13 -3.17	31.69 2.15 -1.25	31.42 2.15 -0.91	31.89 2.14 -1.63	32.92 1.99 -3.72	38.90 2.30 -8.23	50.57 2.45 -19.63	38.32 2.31 -7.51	34.12 2.16 -4.33	30.71 1.94 -2.15	27.34 1.56 -3.13	25.20 1.41 -3.06	23.81 1.19 -3.97
ASTORIA___4 23517	24.43 1.34 0.00	21.80 1.25 0.00	20.98 1.17 0.00	20.78 1.13 -1.10	21.62 1.24 -0.38	25.02 1.37 0.00	33.40 1.79 -3.14	36.15 1.96 -6.94	33.77 2.15 -2.15	33.74 2.18 -3.27	34.35 2.09 -3.97	33.62 2.12 -3.17	31.69 2.15 -1.25	31.45 2.18 -0.91	31.92 2.17 -1.63	32.95 2.01 -3.72	38.93 2.33 -8.23	50.57 2.45 -19.63	38.32 2.31 -7.51	34.11 2.16 -4.33	30.71 1.94 -2.15	27.34 1.56 -3.13	25.20 1.41 -3.06	23.81 1.19 -3.97
ASTORIA___5 23518	24.43 1.34 0.00	21.78 1.23 0.00	20.98 1.17 0.00	20.78 1.13 -1.10	21.60 1.22 -0.38	24.99 1.35 0.00	33.43 1.82 -3.14	36.15 1.96 -6.94	33.80 2.18 -2.15	33.77 2.21 -3.27	34.33 2.06 -3.97	33.62 2.13 -3.17	31.69 2.15 -1.25	31.42 2.15 -0.91	31.89 2.14 -1.63	32.92 1.99 -3.72	38.90 2.30 -8.23	50.57 2.45 -19.63	38.32 2.31 -7.51	34.12 2.16 -4.33	30.71 1.94 -2.15	27.34 1.56 -3.13	25.20 1.41 -3.06	23.81 1.19 -3.97
AST_ENERGY_2_CC3 323677	24.34 1.25 0.00	21.70 1.15 0.00	20.88 1.07 0.00	20.68 1.04 -1.10	21.54 1.16 -0.38	24.99 1.35 0.00	28.98 1.85 1.34	31.87 1.99 -2.63	29.39 2.15 2.23	32.09 2.15 -1.65	34.28 2.04 -3.95	33.55 2.07 -3.16	31.62 2.09 -1.23	31.37 2.13 -0.90	31.84 2.11 -1.61	32.88 1.96 -3.71	35.05 2.24 -4.43	47.52 2.39 -16.63	35.26 2.28 -4.49	33.28 2.13 -3.52	30.67 1.92 -2.13	27.30 1.54 -3.11	25.16 1.39 -3.04	23.73 1.12 -3.97
AST_ENERGY_2_CC4 323678	24.34 1.25 0.00	21.70 1.15 0.00	20.88 1.07 0.00	20.68 1.04 -1.10	21.54 1.16 -0.38	24.99 1.35 0.00	28.98 1.85 1.34	31.87 1.99 -2.63	29.39 2.15 2.23	32.09 2.15 -1.65	34.28 2.04 -3.95	33.55 2.07 -3.16	31.62 2.09 -1.23	31.37 2.13 -0.90	31.84 2.11 -1.61	32.88 1.96 -3.71	35.05 2.24 -4.43	47.52 2.39 -16.63	35.26 2.28 -4.49	33.28 2.13 -3.52	30.67 1.92 -2.13	27.30 1.54 -3.11	25.16 1.39 -3.04	23.73 1.12 -3.97
ATHENS_STG_1 23668	23.76 0.67 0.00	21.19 0.64 0.00	20.44 0.63 0.00	20.40 0.63 -1.23	21.10 0.68 -0.42	24.47 0.83 0.00	33.07 1.11 -3.49	36.12 1.14 -7.72	33.08 1.21 -2.40	33.13 1.19 -3.64	33.88 1.16 -4.42	33.02 1.16 -3.54	30.85 1.16 -1.39	30.56 1.19 -1.02	31.12 1.18 -1.81	32.47 1.12 -4.15	38.78 1.25 -9.16	51.63 1.28 -21.85	38.14 1.28 -8.36	33.64 1.19 -4.82	30.16 1.14 -2.39	27.01 0.88 -3.48	24.92 0.79 -3.41	23.72 0.65 -4.42
ATHENS_STG_2 23670	23.76 0.67 0.00	21.19 0.64 0.00	20.44 0.63 0.00	20.40 0.63 -1.23	21.10 0.68 -0.42	24.47 0.83 0.00	33.07 1.11 -3.49	36.12 1.14 -7.72	33.08 1.21 -2.40	33.13 1.19 -3.64	33.88 1.16 -4.42	33.02 1.16 -3.54	30.85 1.16 -1.39	30.56 1.19 -1.02	31.12 1.18 -1.81	32.47 1.12 -4.15	38.78 1.25 -9.16	51.63 1.28 -21.85	38.14 1.28 -8.36	33.64 1.19 -4.82	30.16 1.14 -2.39	27.01 0.88 -3.48	24.92 0.79 -3.41	23.72 0.65 -4.42

ATHENS_STG_3 23677	23.76 0.67 0.00	21.19 0.64 0.00	20.44 0.63 0.00	20.40 0.63 -1.23	21.10 0.68 -0.42	24.47 0.83 0.00	33.07 1.11 -3.49	36.12 1.14 -7.72	33.08 1.21 -2.40	33.13 1.19 -3.64	33.88 1.16 -4.42	33.02 1.16 -3.54	30.85 1.16 -1.39	30.56 1.19 -1.02	31.12 1.18 -1.81	32.47 1.12 -4.15	38.78 1.25 -9.16	51.63 1.28 -21.85	38.14 1.28 -8.36	33.64 1.19 -4.82	30.16 1.14 -2.39	27.01 0.88 -3.48	24.92 0.79 -3.41	23.72 0.65 -4.42
AUBURN___LFGE 323710	23.09 0.00 0.00	20.55 0.00 0.00	19.81 0.00 0.00	18.76 -0.04 -0.26	20.09 0.00 -0.09	23.69 0.05 0.00	29.30 0.09 -0.75	28.83 -0.08 -1.66	30.17 0.09 -0.61	29.24 0.06 -0.89	29.40 0.14 -0.96	29.34 0.11 -0.91	28.66 0.03 -0.34	28.70 0.06 -0.29	28.58 0.03 -0.43	28.19 0.05 -0.93	30.43 0.09 -1.97	33.54 0.34 -4.70	30.64 0.34 -1.80	28.81 0.14 -1.04	27.30 0.16 -0.51	23.35 -0.05 -0.75	21.42 -0.04 -0.73	19.60 0.00 -0.95
BABYLON_RES_REC 323704	29.99 1.64 -5.26	28.02 1.48 -5.99	27.41 1.43 -6.17	26.45 1.35 -6.55	28.17 1.50 -6.67	31.69 1.85 -6.19	33.96 2.36 -3.13	36.64 2.45 -6.93	35.21 2.71 -3.02	34.16 2.60 -3.27	34.81 2.55 -3.96	35.20 2.58 -4.30	34.46 2.57 -3.59	33.15 2.64 -2.16	33.62 2.64 -2.86	35.67 2.50 -5.96	50.92 2.84 -19.71	63.59 2.99 -32.10	50.03 2.91 -18.63	42.22 2.71 -11.88	38.01 2.56 -8.83	32.75 1.97 -8.13	28.34 1.97 -5.64	24.27 1.66 -3.97
BABYLON__69_KV_BK2 356345	30.13 1.78 -5.26	28.16 1.62 -5.99	27.53 1.55 -6.17	26.56 1.46 -6.55	28.31 1.64 -6.67	31.85 2.01 -6.19	34.22 2.62 -3.13	36.83 2.64 -6.93	35.44 2.95 -3.02	34.42 2.86 -3.27	35.06 2.80 -3.96	35.43 2.80 -4.30	34.72 2.83 -3.59	33.40 2.89 -2.16	33.85 2.87 -2.86	35.91 2.75 -5.96	51.15 3.06 -19.71	63.85 3.25 -32.10	50.29 3.16 -18.63	42.47 2.96 -11.88	38.22 2.77 -8.83	32.95 2.17 -8.13	25.95 2.16 -3.06	24.42 1.81 -3.97
BALL_HILL_WT_PWR 323825	21.75 -1.34 0.00	19.44 -1.11 0.00	18.82 -0.99 0.00	17.64 -1.21 -0.30	18.89 -1.22 -0.10	22.46 -1.18 0.00	27.65 -1.74 -0.92	27.03 -2.10 -1.87	26.80 -2.48 0.20	25.81 -2.38 0.11	26.45 -2.49 -0.64	25.55 -2.38 0.39	25.86 -2.43 0.00	25.65 -2.44 0.27	25.68 -2.45 -0.01	25.30 -2.29 -0.38	28.22 -2.38 -2.22	31.88 -1.91 -5.30	28.90 -1.62 -2.03	26.70 -2.10 -1.17	25.45 -1.76 -0.58	21.95 -1.61 -0.91	20.19 -1.43 -0.89	18.62 -1.17 -1.15
BARON_WINDS___WT_PWR 323822	22.26 -0.83 0.00	19.85 -0.70 0.00	19.18 -0.63 0.00	18.11 -0.80 -0.36	19.35 -0.78 -0.12	22.94 -0.71 0.00	28.56 -0.97 -1.06	28.36 -1.17 -2.27	27.67 -1.38 0.41	26.46 -1.39 0.45	27.24 -1.47 -0.42	26.15 -1.39 0.78	26.72 -1.47 0.10	26.52 -1.44 0.38	26.47 -1.49 0.16	25.94 -1.36 -0.09	29.71 -1.36 -2.69	33.90 -1.02 -6.43	30.16 -0.80 -2.46	27.89 -1.16 -1.42	26.37 -0.96 -0.71	22.77 -0.93 -1.05	20.91 -0.85 -1.03	19.27 -0.71 -1.34
BARRETT_IC_1 23704	29.88 1.52 -5.26	27.95 1.42 -5.99	27.33 1.35 -6.17	26.38 1.28 -6.55	28.09 1.42 -6.67	31.52 1.68 -6.19	33.76 2.16 -3.13	36.40 2.21 -6.93	34.94 2.44 -3.02	33.94 2.38 -3.27	34.55 2.29 -3.96	34.95 2.32 -4.30	34.21 2.32 -3.59	32.89 2.38 -2.16	33.31 2.33 -2.86	35.37 2.20 -5.96	50.55 2.47 -19.71	63.13 2.54 -32.10	49.63 2.51 -18.63	41.86 2.35 -11.88	37.66 2.21 -8.83	32.57 1.79 -8.13	28.17 1.80 -5.64	24.14 1.53 -3.97
BARRETT_IC_10 23701	29.88 1.52 -5.26	27.95 1.42 -5.99	27.33 1.35 -6.17	26.38 1.28 -6.55	28.09 1.42 -6.67	31.52 1.68 -6.19	33.76 2.16 -3.13	36.40 2.21 -6.93	34.94 2.44 -3.02	33.94 2.38 -3.27	34.55 2.29 -3.96	34.95 2.32 -4.30	34.21 2.32 -3.59	32.89 2.38 -2.16	33.31 2.33 -2.86	35.37 2.20 -5.96	50.55 2.47 -19.71	63.13 2.54 -32.10	49.63 2.51 -18.63	41.86 2.35 -11.88	37.66 2.21 -8.83	32.57 1.79 -8.13	28.17 1.80 -5.64	24.14 1.53 -3.97
BARRETT_IC_11 23702	29.88 1.52 -5.26	27.95 1.42 -5.99	27.33 1.35 -6.17	26.38 1.28 -6.55	28.09 1.42 -6.67	31.52 1.68 -6.19	33.76 2.16 -3.13	36.40 2.21 -6.93	34.94 2.44 -3.02	33.94 2.38 -3.27	34.55 2.29 -3.96	34.95 2.32 -4.30	34.21 2.32 -3.59	32.89 2.38 -2.16	33.31 2.33 -2.86	35.37 2.20 -5.96	50.55 2.47 -19.71	63.13 2.54 -32.10	49.63 2.51 -18.63	41.86 2.35 -11.88	37.66 2.21 -8.83	32.57 1.79 -8.13	28.17 1.80 -5.64	24.14 1.53 -3.97
BARRETT_IC_12 23703	29.88 1.52 -5.26	27.95 1.42 -5.99	27.33 1.35 -6.17	26.38 1.28 -6.55	28.09 1.42 -6.67	31.52 1.68 -6.19	33.76 2.16 -3.13	36.40 2.21 -6.93	34.94 2.44 -3.02	33.94 2.38 -3.27	34.55 2.29 -3.96	34.95 2.32 -4.30	34.21 2.32 -3.59	32.89 2.38 -2.16	33.31 2.33 -2.86	35.37 2.20 -5.96	50.55 2.47 -19.71	63.13 2.54 -32.10	49.63 2.51 -18.63	41.86 2.35 -11.88	37.66 2.21 -8.83	32.57 1.79 -8.13	28.17 1.80 -5.64	24.14 1.53 -3.97
BARRETT_IC_2 23705	29.88 1.52 -5.26	27.95 1.42 -5.99	27.33 1.35 -6.17	26.38 1.28 -6.55	28.09 1.42 -6.67	31.52 1.68 -6.19	33.76 2.16 -3.13	36.40 2.21 -6.93	34.94 2.44 -3.02	33.94 2.38 -3.27	34.55 2.29 -3.96	34.95 2.32 -4.30	34.21 2.32 -3.59	32.89 2.38 -2.16	33.31 2.33 -2.86	35.37 2.20 -5.96	50.55 2.47 -19.71	63.13 2.54 -32.10	49.63 2.51 -18.63	41.86 2.35 -11.88	37.66 2.21 -8.83	32.57 1.79 -8.13	28.17 1.80 -5.64	24.14 1.53 -3.97
BARRETT_IC_3 23706	29.88 1.52 -5.26	27.95 1.42 -5.99	27.33 1.35 -6.17	26.38 1.28 -6.55	28.09 1.42 -6.67	31.52 1.68 -6.19	33.76 2.16 -3.13	36.40 2.21 -6.93	34.94 2.44 -3.02	33.94 2.38 -3.27	34.55 2.29 -3.96	34.95 2.32 -4.30	34.21 2.32 -3.59	32.89 2.38 -2.16	33.31 2.33 -2.86	35.37 2.20 -5.96	50.55 2.47 -19.71	63.13 2.54 -32.10	49.63 2.51 -18.63	41.86 2.35 -11.88	37.66 2.21 -8.83	32.57 1.79 -8.13	28.17 1.80 -5.64	24.14 1.53 -3.97
BARRETT_IC_4 23707	29.88 1.52 -5.26	27.95 1.42 -5.99	27.33 1.35 -6.17	26.38 1.28 -6.55	28.09 1.42 -6.67	31.52 1.68 -6.19	33.76 2.16 -3.13	36.40 2.21 -6.93	34.94 2.44 -3.02	33.94 2.38 -3.27	34.55 2.29 -3.96	34.95 2.32 -4.30	34.21 2.32 -3.59	32.89 2.38 -2.16	33.31 2.33 -2.86	35.37 2.20 -5.96	50.55 2.47 -19.71	63.13 2.54 -32.10	49.63 2.51 -18.63	41.86 2.35 -11.88	37.66 2.21 -8.83	32.57 1.79 -8.13	28.17 1.80 -5.64	24.14 1.53 -3.97
BARRETT_IC_5 23708	29.88 1.52 -5.26	27.95 1.42 -5.99	27.33 1.35 -6.17	26.38 1.28 -6.55	28.09 1.42 -6.67	31.52 1.68 -6.19	33.76 2.16 -3.13	36.40 2.21 -6.93	34.94 2.44 -3.02	33.94 2.38 -3.27	34.55 2.29 -3.96	34.95 2.32 -4.30	34.21 2.32 -3.59	32.89 2.38 -2.16	33.31 2.33 -2.86	35.37 2.20 -5.96	50.55 2.47 -19.71	63.13 2.54 -32.10	49.63 2.51 -18.63	41.86 2.35 -11.88	37.66 2.21 -8.83	32.57 1.79 -8.13	28.17 1.80 -5.64	24.14 1.53 -3.97
BARRETT_IC_6 23709	29.88 1.52 -5.26	27.95 1.42 -5.99	27.33 1.35 -6.17	26.38 1.28 -6.55	28.09 1.42 -6.67	31.52 1.68 -6.19	33.76 2.16 -3.13	36.40 2.21 -6.93	34.94 2.44 -3.02	33.94 2.38 -3.27	34.55 2.29 -3.96	34.95 2.32 -4.30	34.21 2.32 -3.59	32.89 2.38 -2.16	33.31 2.33 -2.86	35.37 2.20 -5.96	50.55 2.47 -19.71	63.13 2.54 -32.10	49.63 2.51 -18.63	41.86 2.35 -11.88	37.66 2.21 -8.83	32.57 1.79 -8.13	28.17 1.80 -5.64	24.14 1.53 -3.97

BARRETT_IC_7 23710	29.90 1.55 -5.26	27.95 1.42 -5.99	27.33 1.35 -6.17	26.38 1.28 -6.55	28.09 1.42 -6.67	31.52 1.68 -6.19	33.74 2.13 -3.13	36.37 2.18 -6.93	34.91 2.42 -3.02	33.97 2.41 -3.27	34.58 2.32 -3.96	34.95 2.32 -4.30	34.21 2.32 -3.59	32.89 2.38 -2.16	33.34 2.36 -2.86	35.40 2.23 -5.96	50.55 2.47 -19.71	63.14 2.54 -32.10	49.63 2.51 -18.63	41.86 2.35 -11.88	37.66 2.21 -8.83	32.57 1.79 -8.13	25.59 1.80 -3.06	24.14 1.53 -3.97
BARRETT_IC_8 23711	29.88 1.52 -5.26	27.95 1.42 -5.99	27.33 1.35 -6.17	26.38 1.28 -6.55	28.09 1.42 -6.67	31.52 1.68 -6.19	33.76 2.16 -3.13	36.40 2.21 -6.93	34.94 2.44 -3.02	33.94 2.38 -3.27	34.55 2.29 -3.96	34.95 2.32 -4.30	34.21 2.32 -3.59	32.89 2.38 -2.16	33.31 2.33 -2.86	35.37 2.20 -5.96	50.55 2.47 -19.71	63.13 2.54 -32.10	49.63 2.51 -18.63	41.86 2.35 -11.88	37.66 2.21 -8.83	32.57 1.79 -8.13	28.17 1.80 -5.64	24.14 1.53 -3.97
BARRETT_IC_9 23700	29.88 1.52 -5.26	27.95 1.42 -5.99	27.33 1.35 -6.17	26.38 1.28 -6.55	28.09 1.42 -6.67	31.52 1.68 -6.19	33.76 2.16 -3.13	36.40 2.21 -6.93	34.94 2.44 -3.02	33.94 2.38 -3.27	34.55 2.29 -3.96	34.95 2.32 -4.30	34.21 2.32 -3.59	32.89 2.38 -2.16	33.31 2.33 -2.86	35.37 2.20 -5.96	50.55 2.47 -19.71	63.13 2.54 -32.10	49.63 2.51 -18.63	41.86 2.35 -11.88	37.66 2.21 -8.83	32.57 1.79 -8.13	28.17 1.80 -5.64	24.14 1.53 -3.97
BARRETT___1 23545	29.88 1.52 -5.26	27.95 1.42 -5.99	27.33 1.35 -6.17	26.38 1.28 -6.55	28.09 1.42 -6.67	31.52 1.68 -6.19	33.76 2.16 -3.13	36.40 2.21 -6.93	34.94 2.44 -3.02	33.94 2.38 -3.27	34.55 2.29 -3.96	34.95 2.32 -4.30	34.21 2.32 -3.59	32.89 2.38 -2.16	33.31 2.33 -2.86	35.37 2.20 -5.96	50.55 2.47 -19.71	63.13 2.54 -32.10	49.63 2.51 -18.63	41.86 2.35 -11.88	37.66 2.21 -8.83	32.57 1.79 -8.13	28.17 1.80 -5.64	24.14 1.53 -3.97
BARRETT___2 23546	29.88 1.52 -5.26	27.95 1.42 -5.99	27.33 1.35 -6.17	26.38 1.28 -6.55	28.09 1.42 -6.67	31.52 1.68 -6.19	33.76 2.16 -3.13	36.40 2.21 -6.93	34.94 2.44 -3.02	33.94 2.38 -3.27	34.55 2.29 -3.96	34.95 2.32 -4.30	34.21 2.32 -3.59	32.89 2.38 -2.16	33.31 2.33 -2.86	35.37 2.20 -5.96	50.55 2.47 -19.71	63.13 2.54 -32.10	49.63 2.51 -18.63	41.86 2.35 -11.88	37.66 2.21 -8.83	32.57 1.79 -8.13	28.17 1.80 -5.64	24.14 1.53 -3.97
BATAVIA___115KV_TB1 55881	21.98 -1.11 0.00	19.65 -0.90 0.00	19.02 -0.79 0.00	17.99 -0.83 -0.28	19.30 -0.80 -0.10	22.70 -0.95 0.00	28.12 -1.20 -0.85	27.34 -1.69 -1.77	27.27 -2.00 0.19	26.23 -1.98 0.09	27.25 -1.70 -0.65	25.97 -1.98 0.37	26.20 -2.09 0.00	26.01 -2.07 0.27	26.09 -2.05 -0.02	25.65 -1.96 -0.40	28.50 -1.99 -2.10	32.08 -1.42 -5.01	29.25 -1.17 -1.92	27.11 -1.63 -1.11	25.84 -1.33 -0.55	22.25 -1.25 -0.85	20.46 -1.10 -0.83	18.92 -0.80 -1.07
BAYONEEC___CTG1 323682	24.38 1.29 0.00	21.74 1.19 0.00	20.94 1.13 0.00	20.72 1.08 -1.10	21.58 1.20 -0.38	25.06 1.42 0.00	33.51 1.91 -3.14	36.26 2.07 -6.93	33.86 2.24 -2.15	33.80 2.23 -3.27	34.38 2.12 -3.97	33.65 2.15 -3.17	31.72 2.18 -1.25	31.48 2.21 -0.91	31.94 2.19 -1.63	32.97 2.04 -3.72	38.93 2.33 -8.23	50.60 2.48 -19.63	38.34 2.34 -7.51	34.17 2.21 -4.33	30.77 2.00 -2.15	27.38 1.61 -3.13	25.22 1.43 -3.06	23.77 1.16 -3.97
BAYONEEC___CTG10 323750	24.38 1.29 0.00	21.74 1.19 0.00	20.94 1.13 0.00	20.72 1.08 -1.10	21.58 1.20 -0.38	25.06 1.42 0.00	33.51 1.91 -3.14	36.26 2.07 -6.93	33.86 2.24 -2.15	33.80 2.23 -3.27	34.38 2.12 -3.97	33.65 2.15 -3.17	31.72 2.18 -1.25	31.48 2.21 -0.91	31.94 2.19 -1.63	32.97 2.04 -3.72	38.93 2.33 -8.23	50.60 2.48 -19.63	38.34 2.34 -7.51	34.17 2.21 -4.33	30.77 2.00 -2.15	27.38 1.61 -3.13	25.22 1.43 -3.06	23.77 1.16 -3.97
BAYONEEC___CTG2 323683	24.38 1.29 0.00	21.74 1.19 0.00	20.94 1.13 0.00	20.72 1.08 -1.10	21.58 1.20 -0.38	25.06 1.42 0.00	33.51 1.91 -3.14	36.26 2.07 -6.93	33.86 2.24 -2.15	33.80 2.23 -3.27	34.38 2.12 -3.97	33.65 2.15 -3.17	31.72 2.18 -1.25	31.48 2.21 -0.91	31.94 2.19 -1.63	32.97 2.04 -3.72	38.93 2.33 -8.23	50.60 2.48 -19.63	38.34 2.34 -7.51	34.17 2.21 -4.33	30.77 2.00 -2.15	27.38 1.61 -3.13	25.22 1.43 -3.06	23.77 1.16 -3.97
BAYONEEC___CTG3 323684	24.38 1.29 0.00	21.74 1.19 0.00	20.94 1.13 0.00	20.72 1.08 -1.10	21.58 1.20 -0.38	25.06 1.42 0.00	33.51 1.91 -3.14	36.26 2.07 -6.93	33.86 2.24 -2.15	33.80 2.23 -3.27	34.38 2.12 -3.97	33.65 2.15 -3.17	31.72 2.18 -1.25	31.48 2.21 -0.91	31.94 2.19 -1.63	32.97 2.04 -3.72	38.93 2.33 -8.23	50.60 2.48 -19.63	38.34 2.34 -7.51	34.17 2.21 -4.33	30.77 2.00 -2.15	27.38 1.61 -3.13	25.22 1.43 -3.06	23.77 1.16 -3.97
BAYONEEC___CTG4 323685	24.38 1.29 0.00	21.74 1.19 0.00	20.94 1.13 0.00	20.72 1.08 -1.10	21.58 1.20 -0.38	25.06 1.42 0.00	33.51 1.91 -3.14	36.26 2.07 -6.93	33.86 2.24 -2.15	33.80 2.23 -3.27	34.38 2.12 -3.97	33.65 2.15 -3.17	31.72 2.18 -1.25	31.48 2.21 -0.91	31.94 2.19 -1.63	32.97 2.04 -3.72	38.93 2.33 -8.23	50.60 2.48 -19.63	38.34 2.34 -7.51	34.17 2.21 -4.33	30.77 2.00 -2.15	27.38 1.61 -3.13	25.22 1.43 -3.06	23.77 1.16 -3.97
BAYONEEC___CTG5 323686	24.38 1.29 0.00	21.74 1.19 0.00	20.94 1.13 0.00	20.72 1.08 -1.10	21.58 1.20 -0.38	25.06 1.42 0.00	33.51 1.91 -3.14	36.26 2.07 -6.93	33.86 2.24 -2.15	33.80 2.23 -3.27	34.38 2.12 -3.97	33.65 2.15 -3.17	31.72 2.18 -1.25	31.48 2.21 -0.91	31.94 2.19 -1.63	32.97 2.04 -3.72	38.93 2.33 -8.23	50.60 2.48 -19.63	38.34 2.34 -7.51	34.17 2.21 -4.33	30.77 2.00 -2.15	27.38 1.61 -3.13	25.22 1.43 -3.06	23.77 1.16 -3.97
BAYONEEC___CTG6 323687	24.38 1.29 0.00	21.74 1.19 0.00	20.94 1.13 0.00	20.72 1.08 -1.10	21.58 1.20 -0.38	25.06 1.42 0.00	33.51 1.91 -3.14	36.26 2.07 -6.93	33.86 2.24 -2.15	33.80 2.23 -3.27	34.38 2.12 -3.97	33.65 2.15 -3.17	31.72 2.18 -1.25	31.48 2.21 -0.91	31.94 2.19 -1.63	32.97 2.04 -3.72	38.93 2.33 -8.23	50.60 2.48 -19.63	38.34 2.34 -7.51	34.17 2.21 -4.33	30.77 2.00 -2.15	27.38 1.61 -3.13	25.22 1.43 -3.06	23.77 1.16 -3.97
BAYONEEC___CTG7 323688	24.38 1.29 0.00	21.74 1.19 0.00	20.94 1.13 0.00	20.72 1.08 -1.10	21.58 1.20 -0.38	25.06 1.42 0.00	33.51 1.91 -3.14	36.26 2.07 -6.93	33.86 2.24 -2.15	33.80 2.23 -3.27	34.38 2.12 -3.97	33.65 2.15 -3.17	31.72 2.18 -1.25	31.48 2.21 -0.91	31.94 2.19 -1.63	32.97 2.04 -3.72	38.93 2.33 -8.23	50.60 2.48 -19.63	38.34 2.34 -7.51	34.17 2.21 -4.33	30.77 2.00 -2.15	27.38 1.61 -3.13	25.22 1.43 -3.06	23.77 1.16 -3.97
BAYONEEC___CTG8 323689	24.38 1.29 0.00	21.74 1.19 0.00	20.94 1.13 0.00	20.72 1.08 -1.10	21.58 1.20 -0.38	25.06 1.42 0.00	33.51 1.91 -3.14	36.26 2.07 -6.93	33.86 2.24 -2.15	33.80 2.23 -3.27	34.38 2.12 -3.97	33.65 2.15 -3.17	31.72 2.18 -1.25	31.48 2.21 -0.91	31.94 2.19 -1.63	32.97 2.04 -3.72	38.93 2.33 -8.23	50.60 2.48 -19.63	38.34 2.34 -7.51	34.17 2.21 -4.33	30.77 2.00 -2.15	27.38 1.61 -3.13	25.22 1.43 -3.06	23.77 1.16 -3.97

BAYONEEC___CTG9 323749	24.38 1.29 0.00	21.74 1.19 0.00	20.94 1.13 0.00	20.72 1.08 -1.10	21.58 1.20 -0.38	25.06 1.42 0.00	33.51 1.91 -3.14	36.26 2.07 -6.93	33.86 2.24 -2.15	33.80 2.23 -3.27	34.38 2.12 -3.97	33.65 2.15 -3.17	31.72 2.18 -1.25	31.48 2.21 -0.91	31.94 2.19 -1.63	32.97 2.04 -3.72	38.93 2.33 -8.23	50.60 2.48 -19.63	38.34 2.34 -7.51	34.17 2.21 -4.33	30.77 2.00 -2.15	27.38 1.61 -3.13	25.22 1.43 -3.06	23.77 1.16 -3.97
BEACON___LESR 323632	23.85 0.76 0.00	21.29 0.74 0.00	20.54 0.73 0.00	20.60 0.69 -1.37	21.25 0.78 -0.47	24.57 0.92 0.00	33.58 1.22 -3.89	37.17 1.31 -8.60	33.47 1.33 -2.67	33.60 1.24 -4.06	34.50 1.27 -4.93	33.51 1.24 -3.94	31.09 1.24 -1.55	30.70 1.22 -1.13	31.35 1.21 -2.02	33.06 1.23 -4.63	39.83 1.25 -10.20	54.18 1.34 -24.35	39.15 1.34 -9.32	34.24 1.24 -5.37	30.49 1.20 -2.66	27.44 0.91 -3.88	25.29 0.77 -3.80	24.21 0.63 -4.93
BEAVER RIVER___HYD 24048	23.21 0.12 0.00	20.61 0.06 0.00	19.85 0.04 0.00	18.64 0.02 -0.08	20.03 0.00 -0.03	23.74 0.09 0.00	29.06 0.37 -0.22	28.10 0.35 -0.49	29.89 0.26 -0.15	28.73 0.20 -0.23	28.83 0.25 -0.28	28.75 0.20 -0.23	28.55 0.17 -0.09	28.56 0.14 -0.06	28.32 0.08 -0.12	27.53 0.05 -0.26	29.01 0.06 -0.58	30.10 0.23 -1.38	29.25 0.23 -0.53	28.16 0.22 -0.30	26.91 0.13 -0.15	22.95 0.07 -0.23	20.11 0.00 0.62	20.03 -0.02 -1.40
BEEBEE_GT_13 23619	22.24 -0.85 0.00	19.85 -0.70 0.00	19.18 -0.63 0.00	18.23 -0.57 -0.26	19.55 -0.54 -0.09	22.89 -0.76 0.00	28.35 -0.91 -0.80	27.70 -1.34 -1.78	27.69 -1.59 0.19	26.61 -1.61 0.07	27.69 -1.27 -0.66	26.41 -1.56 0.35	26.65 -1.64 0.00	26.50 -1.59 0.27	26.55 -1.60 -0.03	26.05 -1.58 -0.42	29.02 -1.48 -2.11	32.54 -1.00 -5.05	29.60 -0.83 -1.93	27.50 -1.24 -1.11	26.16 -1.01 -0.55	22.47 -0.97 -0.80	20.68 -0.83 -0.78	19.06 -0.60 -1.01
BENSHRST_27_KV_BENSHRST_1 355998	24.64 1.55 0.00	21.95 1.40 0.00	21.12 1.31 0.00	20.89 1.24 -1.10	21.74 1.36 -0.38	25.16 1.51 0.00	33.62 2.02 -3.14	36.29 2.10 -6.94	33.98 2.36 -2.15	33.97 2.41 -3.27	34.55 2.29 -3.97	33.85 2.35 -3.17	31.92 2.38 -1.25	31.67 2.41 -0.91	32.14 2.39 -1.63	33.16 2.23 -3.72	39.19 2.58 -8.23	50.83 2.71 -19.63	38.60 2.59 -7.51	34.34 2.38 -4.33	30.95 2.18 -2.15	27.54 1.77 -3.13	25.35 1.55 -3.06	23.94 1.32 -3.97
BETHLEHEM___GRP 23843	23.41 0.32 0.00	20.94 0.39 0.00	20.21 0.40 0.00	20.30 0.39 -1.37	20.91 0.44 -0.47	24.12 0.65 0.00	33.01 0.71 -3.89	36.57 0.71 -8.61	32.88 0.74 -2.68	33.07 0.71 -4.07	33.96 0.74 -4.93	33.01 0.74 -3.95	30.58 0.74 -1.55	30.22 0.74 -1.13	30.88 0.73 -2.02	32.60 0.76 -4.63	39.33 0.74 -10.21	53.63 0.77 -24.37	38.62 0.80 -9.33	33.75 0.75 -5.37	30.01 0.72 -2.67	27.03 0.50 -3.89	24.97 0.44 -3.80	23.91 0.34 -4.93
BETHLEHEM___GS1 323560	23.41 0.32 0.00	20.94 0.39 0.00	20.21 0.40 0.00	20.30 0.39 -1.37	20.91 0.44 -0.47	24.12 0.65 0.00	33.01 0.66 -3.89	36.57 0.71 -8.61	32.88 0.74 -2.68	33.07 0.71 -4.07	33.93 0.71 -4.93	32.98 0.71 -3.95	30.58 0.73 -1.55	30.19 0.71 -1.13	30.85 0.70 -2.02	32.57 0.73 -4.63	39.33 0.74 -10.21	53.63 0.77 -24.37	38.62 0.80 -9.33	33.75 0.75 -5.37	30.01 0.72 -2.67	27.03 0.50 -3.89	24.97 0.44 -3.80	23.91 0.34 -4.93
BETHLEHEM___GS2 323561	23.41 0.32 0.00	20.94 0.39 0.00	20.21 0.40 0.00	20.30 0.39 -1.37	20.91 0.44 -0.47	24.12 0.65 0.00	33.01 0.66 -3.89	36.57 0.71 -8.61	32.88 0.74 -2.68	33.07 0.71 -4.07	33.93 0.71 -4.93	32.98 0.71 -3.95	30.58 0.73 -1.55	30.19 0.71 -1.13	30.85 0.70 -2.02	32.57 0.73 -4.63	39.33 0.74 -10.21	53.63 0.77 -24.37	38.62 0.80 -9.33	33.75 0.75 -5.37	30.01 0.72 -2.67	27.03 0.50 -3.89	24.97 0.44 -3.80	23.91 0.34 -4.93
BETHLEHEM___GS3 323562	23.41 0.32 0.00	20.94 0.39 0.00	20.21 0.40 0.00	20.30 0.39 -1.37	20.91 0.44 -0.47	24.12 0.65 0.00	33.01 0.66 -3.89	36.57 0.71 -8.61	32.88 0.74 -2.68	33.07 0.71 -4.07	33.93 0.71 -4.93	32.98 0.71 -3.95	30.58 0.73 -1.55	30.19 0.71 -1.13	30.85 0.70 -2.02	32.57 0.73 -4.63	39.33 0.74 -10.21	53.63 0.77 -24.37	38.62 0.80 -9.33	33.75 0.75 -5.37	30.01 0.72 -2.67	27.03 0.50 -3.89	24.97 0.44 -3.80	23.91 0.34 -4.93
BETHLEHEM___STEEL 23779	21.66 -1.43 0.00	19.42 -1.13 0.00	18.80 -1.01 0.00	17.60 -1.24 -0.30	18.85 -1.26 -0.10	22.39 -1.25 0.00	27.52 -1.85 -0.90	26.78 -2.32 -1.84	26.77 -2.51 0.20	25.78 -2.41 0.11	26.67 -2.26 -0.64	25.58 -2.35 0.39	25.83 -2.46 0.01	25.62 -2.47 0.27	25.68 -2.45 -0.01	25.38 -2.20 -0.38	28.04 -2.53 -2.18	31.61 -2.08 -5.20	28.69 -1.80 -1.99	26.57 -2.21 -1.15	25.33 -1.86 -0.57	21.85 -1.70 -0.90	20.10 -1.51 -0.88	18.56 -1.23 -1.14
BETHLHEM_115KV_TB1 79974	23.48 0.39 0.00	20.98 0.43 0.00	20.27 0.46 0.00	20.36 0.45 -1.37	20.95 0.48 -0.47	24.19 0.54 0.00	33.10 0.74 -3.89	36.65 0.79 -8.61	32.97 0.83 -2.67	33.15 0.79 -4.06	34.02 0.79 -4.93	33.06 0.79 -3.94	30.64 0.79 -1.55	30.28 0.79 -1.13	30.93 0.79 -2.02	32.65 0.82 -4.63	39.41 0.82 -10.21	53.70 0.85 -24.35	38.67 0.85 -9.32	33.83 0.83 -5.37	30.09 0.80 -2.66	27.10 0.57 -3.89	25.03 0.50 -3.80	23.97 0.39 -4.93
BETHPAGE_CC_5 323564	29.97 1.62 -5.26	28.02 1.48 -5.99	27.39 1.41 -6.17	26.43 1.34 -6.55	28.15 1.48 -6.67	31.64 1.80 -6.19	33.94 2.33 -3.13	36.56 2.37 -6.93	35.12 2.62 -3.02	34.11 2.55 -3.27	34.75 2.49 -3.96	35.14 2.52 -4.30	34.41 2.52 -3.59	33.09 2.58 -2.16	33.54 2.56 -2.86	35.59 2.42 -5.96	50.81 2.72 -19.71	63.48 2.88 -32.10	49.89 2.76 -18.63	42.11 2.60 -11.88	37.93 2.48 -8.83	32.72 1.95 -8.13	28.28 1.91 -5.64	24.22 1.60 -3.97
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	21.71 -1.39 0.00	19.44 -1.11 0.00	18.82 -0.99 0.00	17.57 -1.28 -0.30	18.81 -1.30 -0.10	22.42 -1.23 0.00	27.50 -1.88 -0.91	26.79 -2.32 -1.85	26.80 -2.48 0.19	25.84 -2.35 0.11	26.65 -2.29 -0.64	25.61 -2.32 0.39	25.89 -2.41 0.00	25.65 -2.44 0.27	25.74 -2.39 -0.01	25.47 -2.12 -0.38	28.05 -2.53 -2.20	31.65 -2.08 -5.23	28.71 -1.80 -2.01	26.58 -2.21 -1.16	25.34 -1.86 -0.58	21.83 -1.72 -0.91	20.08 -1.53 -0.89	18.55 -1.25 -1.15
BINGHAMTON___COGEN 23790	23.11 0.02 0.00	20.59 0.04 0.00	19.87 0.06 0.00	18.97 -0.04 -0.46	20.16 0.00 -0.16	23.74 0.09 0.00	29.94 0.14 -1.33	30.14 -0.03 -2.92	30.20 -0.21 -0.94	29.52 -0.20 -1.43	29.86 -0.17 -1.73	29.54 -0.17 -1.39	28.64 -0.20 -0.55	28.55 -0.20 -0.40	28.64 -0.20 -0.71	28.73 -0.11 -1.63	31.81 -0.03 -3.46	36.94 0.20 -8.25	31.88 0.23 -3.16	29.45 0.00 -1.82	27.58 0.05 -0.90	23.97 0.00 -1.33	22.03 0.00 -1.30	20.33 0.00 -1.68
BIXINCNT_115KV_LOAD 355685	21.36 -1.73 0.00	19.23 -1.32 0.00	18.60 -1.21 0.00	17.22 -1.63 -0.31	18.37 -1.74 -0.11	22.25 -1.40 0.00	27.23 -2.16 -0.93	26.58 -2.59 -1.91	26.49 -2.80 0.18	25.49 -2.72 0.09	26.15 -2.80 -0.66	25.21 -2.75 0.37	25.33 -2.97 0.00	25.15 -2.95 0.26	25.21 -2.92 -0.01	25.16 -2.45 -0.40	27.75 -2.89 -2.26	31.47 -2.42 -5.40	28.46 -2.11 -2.07	26.37 -2.46 -1.19	25.12 -2.10 -0.59	21.49 -2.08 -0.93	19.65 -1.99 -0.91	18.10 -1.72 -1.17

BLACK RIVER___HYD 24047	23.39 0.30 0.00	20.80 0.25 0.00	20.03 0.22 0.00	18.87 0.19 -0.14	20.25 0.20 -0.05	23.95 0.31 0.00	29.58 0.71 -0.40	28.74 0.60 -0.89	30.19 0.44 -0.28	29.03 0.31 -0.42	29.15 0.34 -0.51	28.96 0.23 -0.41	28.66 0.20 -0.16	28.69 0.23 -0.12	28.47 0.14 -0.21	27.88 0.19 -0.48	29.69 0.25 -1.05	31.60 0.60 -2.51	30.05 0.60 -0.96	28.71 0.52 -0.55	27.32 0.42 -0.27	23.39 0.34 -0.40	20.88 0.21 0.05	19.94 0.19 -1.11
BLACKRVR_115KV_TB2 79977	23.39 0.30 0.00	20.75 0.21 0.00	20.03 0.22 0.00	18.87 0.19 -0.14	20.25 0.20 -0.05	23.95 0.31 0.00	29.58 0.71 -0.40	28.74 0.60 -0.89	30.19 0.44 -0.28	29.03 0.31 -0.42	29.18 0.37 -0.51	28.96 0.23 -0.41	28.65 0.20 -0.16	28.70 0.23 -0.12	28.47 0.14 -0.21	27.88 0.19 -0.48	29.69 0.26 -1.05	31.60 0.60 -2.51	30.05 0.60 -0.96	28.71 0.52 -0.55	27.32 0.43 -0.27	23.38 0.34 -0.40	20.88 0.21 0.06	19.94 0.19 -1.11
BLISS_WT_PWR 323608	21.22 -1.87 0.00	19.11 -1.44 0.00	18.50 -1.31 0.00	17.09 -1.76 -0.31	18.25 -1.86 -0.11	22.16 -1.49 0.00	27.09 -2.30 -0.93	26.52 -2.64 -1.91	26.26 -3.03 0.18	25.18 -3.03 0.09	25.78 -3.17 -0.66	24.87 -3.09 0.37	24.99 -3.31 0.00	24.83 -3.26 0.26	24.82 -3.32 -0.01	24.39 -3.21 -0.40	27.58 -3.07 -2.26	31.33 -2.56 -5.40	28.34 -2.22 -2.07	26.26 -2.57 -1.19	25.01 -2.21 -0.59	21.35 -2.22 -0.92	19.49 -2.13 -0.90	17.95 -1.86 -1.17
BLUESTONE___WT_PWR 323821	24.38 1.29 0.00	21.68 1.13 0.00	20.90 1.09 0.00	19.96 0.95 -0.48	21.19 1.02 -0.16	25.02 1.37 0.00	31.77 1.94 -1.37	32.06 1.80 -3.00	32.44 1.62 -1.35	31.81 1.50 -2.02	32.08 1.53 -2.26	31.87 1.53 -2.02	30.58 1.53 -0.76	30.55 1.59 -0.61	30.63 1.52 -0.99	30.91 1.52 -2.18	33.70 1.76 -3.56	39.14 2.14 -8.50	33.80 2.05 -3.26	31.28 1.77 -1.88	29.23 1.68 -0.93	25.32 1.31 -1.36	23.16 1.10 -1.33	21.34 0.97 -1.72
BLUE_CIRC_CHEM_DRP 24182	23.67 0.58 0.00	21.12 0.58 0.00	20.39 0.57 0.00	20.46 0.56 -1.36	21.07 0.60 -0.47	24.36 0.71 0.00	33.28 0.94 -3.88	36.81 0.98 -8.57	33.17 1.03 -2.66	33.31 0.96 -4.05	34.20 0.99 -4.91	33.24 0.99 -3.93	30.83 0.99 -1.55	30.47 0.99 -1.13	31.12 0.98 -2.02	32.80 0.98 -4.61	39.57 1.02 -10.17	53.82 1.05 -24.27	38.84 1.05 -9.29	33.98 0.99 -5.35	30.24 0.96 -2.65	27.24 0.72 -3.87	25.16 0.64 -3.79	24.10 0.54 -4.91
BOC_GAS_DRP 24189	23.62 0.53 0.00	21.08 0.53 0.00	20.35 0.53 0.00	20.43 0.52 -1.36	21.03 0.56 -0.47	24.33 0.69 0.00	33.23 0.88 -3.88	36.76 0.93 -8.58	33.11 0.97 -2.67	33.28 0.93 -4.05	34.14 0.93 -4.91	33.19 0.93 -3.93	30.78 0.93 -1.55	30.42 0.94 -1.13	31.07 0.93 -2.02	32.75 0.93 -4.61	39.52 0.96 -10.17	53.77 1.00 -24.28	38.81 1.03 -9.29	33.95 0.97 -5.35	30.21 0.93 -2.66	27.22 0.70 -3.87	25.14 0.62 -3.79	24.08 0.52 -4.91
BOONVILLE_115KV_TB1 79983	23.58 0.48 0.00	20.96 0.41 0.00	20.21 0.40 0.00	18.97 0.35 -0.07	20.43 0.40 -0.03	24.17 0.52 0.00	29.53 0.88 -0.18	28.51 0.84 -0.41	30.37 0.77 -0.13	29.17 0.68 -0.19	29.29 0.76 -0.24	29.19 0.68 -0.19	29.05 0.68 -0.07	29.11 0.71 -0.05	28.87 0.65 -0.10	28.06 0.63 -0.22	29.49 0.62 -0.48	30.44 0.80 -1.15	29.71 0.77 -0.44	28.58 0.69 -0.25	27.36 0.61 -0.13	23.33 0.50 -0.18	21.10 0.39 0.03	19.67 0.35 -0.67
BORALEX_4TH_BRANCH 23824	24.08 0.99 0.00	21.49 0.95 0.00	20.70 0.89 0.00	20.80 0.89 -1.37	21.45 0.98 -0.47	24.90 1.25 0.00	33.99 1.62 -3.90	37.55 1.66 -8.63	33.86 1.71 -2.68	33.98 1.61 -4.07	34.91 1.67 -4.94	33.95 1.67 -3.95	31.52 1.67 -1.56	31.13 1.64 -1.14	31.78 1.63 -2.03	33.48 1.63 -4.64	40.29 1.67 -10.23	54.59 1.68 -24.41	39.55 1.71 -9.35	34.65 1.63 -5.38	30.92 1.62 -2.67	27.81 1.27 -3.89	25.64 1.10 -3.81	24.57 0.99 -4.94
BOWLINE___1 23526	24.13 1.04 0.00	21.52 0.97 0.00	20.72 0.91 0.00	20.48 0.87 -1.06	21.35 0.98 -0.36	24.83 1.18 0.00	33.06 1.56 -3.03	35.56 1.61 -6.70	33.29 1.74 -2.08	33.15 1.70 -3.16	33.77 1.64 -3.83	33.03 1.64 -3.07	31.20 1.70 -1.21	30.99 1.76 -0.88	31.41 1.72 -1.57	32.41 1.60 -3.60	38.17 1.84 -7.95	49.42 1.96 -18.97	37.63 1.88 -7.26	33.58 1.77 -4.18	30.38 1.68 -2.07	27.03 1.36 -3.02	24.93 1.24 -2.96	23.47 0.99 -3.83
BOWLINE___2 23595	24.15 1.06 0.00	21.52 0.97 0.00	20.72 0.91 0.00	20.50 0.89 -1.06	21.37 1.00 -0.36	24.85 1.21 0.00	33.09 1.59 -3.03	35.59 1.64 -6.70	33.32 1.77 -2.08	33.18 1.73 -3.16	33.80 1.67 -3.83	33.06 1.67 -3.07	31.20 1.70 -1.21	30.99 1.76 -0.88	31.44 1.74 -1.57	32.44 1.63 -3.60	38.20 1.87 -7.95	49.46 1.99 -18.97	37.69 1.94 -7.26	33.61 1.80 -4.18	30.38 1.68 -2.07	27.03 1.36 -3.02	24.93 1.24 -2.96	23.47 0.99 -3.83
BRADY___115KV_TB2 356060	23.37 0.28 0.00	20.71 0.16 0.00	19.95 0.14 0.00	18.66 0.11 0.00	20.06 0.06 0.00	23.79 0.14 0.00	28.67 0.20 0.00	27.53 0.27 0.00	29.74 0.27 0.00	28.61 0.31 0.00	28.61 0.31 0.00	28.63 0.31 0.00	28.63 0.34 0.00	28.63 0.28 0.00	28.32 0.20 0.00	27.32 0.11 0.00	28.46 0.09 0.00	28.49 0.00 0.00	28.49 0.00 0.00	27.77 0.14 0.00	26.65 0.03 0.00	22.69 0.05 0.00	18.10 -0.02 2.61	19.87 -0.02 -1.24
BRANSCOMB___SOLAR 323811	24.36 1.27 0.00	21.70 1.15 0.00	20.90 1.09 0.00	21.01 1.06 -1.41	21.69 1.20 -0.48	25.16 1.51 0.00	34.15 1.68 -4.01	37.79 1.66 -8.87	34.03 1.80 -2.76	34.18 1.70 -4.19	35.10 1.73 -5.08	34.20 1.81 -4.07	31.68 1.78 -1.60	31.19 1.67 -1.17	31.84 1.63 -2.08	33.58 1.60 -4.77	40.37 1.47 -10.52	55.16 1.57 -25.10	39.70 1.59 -9.61	34.63 1.46 -5.53	31.05 1.68 -2.75	27.89 1.24 -4.00	25.76 1.12 -3.91	24.74 1.02 -5.07
BRENTWOD_69_KV_W. BRTWOOD 56703	29.97 1.62 -5.26	28.04 1.50 -5.99	27.41 1.43 -6.17	26.47 1.37 -6.55	28.19 1.52 -6.67	31.71 1.87 -6.19	33.99 2.39 -3.13	36.64 2.45 -6.93	35.24 2.74 -3.02	34.19 2.63 -3.27	34.86 2.60 -3.96	35.20 2.58 -4.30	34.49 2.60 -3.59	33.20 2.69 -2.16	33.65 2.67 -2.86	35.72 2.56 -5.96	50.92 2.84 -19.71	63.59 2.99 -32.10	50.03 2.91 -18.63	42.22 2.71 -11.88	37.98 2.53 -8.83	32.75 1.97 -8.13	25.82 2.03 -3.06	24.33 1.72 -3.97
BRISTLHL_115KV_TB1 79998	22.77 -0.32 0.00	20.26 -0.29 0.00	19.53 -0.28 0.00	18.48 -0.26 -0.20	19.81 -0.26 -0.07	23.32 -0.33 0.00	28.67 -0.37 -0.58	28.04 -0.49 -1.28	29.19 -0.68 -0.40	28.22 -0.68 -0.61	28.44 -0.59 -0.74	28.29 -0.62 -0.59	27.85 -0.68 -0.23	27.87 -0.65 -0.17	27.75 -0.67 -0.30	27.28 -0.63 -0.69	29.27 -0.62 -1.51	31.62 -0.48 -3.61	29.36 -0.51 -1.38	27.82 -0.61 -0.80	26.46 -0.56 -0.39	22.88 -0.34 -0.58	21.02 -0.27 -0.56	19.17 -0.21 -0.73
BROOKHAVEN___DRP 24191	29.67 1.32 -5.26	27.91 1.38 -5.99	27.27 1.29 -6.17	26.36 1.26 -6.55	28.07 1.40 -6.67	31.54 1.70 -6.19	33.94 2.33 -3.13	36.42 2.23 -6.93	34.94 2.45 -3.02	33.88 2.32 -3.27	34.49 2.24 -3.96	34.83 2.21 -4.30	34.12 2.24 -3.59	32.89 2.38 -2.16	33.40 2.42 -2.86	35.48 2.31 -5.96	50.64 2.55 -19.71	63.36 2.76 -32.10	49.74 2.62 -18.63	41.94 2.43 -11.88	37.74 2.29 -8.83	32.57 1.79 -8.13	25.63 1.84 -3.06	24.20 1.58 -3.97

BROOKLYN_NAVY_YARD 23515	24.36 1.27 0.00	21.70 1.15 0.00	20.90 1.09 0.00	20.68 1.04 -1.10	21.54 1.16 -0.38	25.04 1.39 0.00	33.51 1.91 -3.14	36.29 2.10 -6.93	33.89 2.27 -2.15	33.83 2.26 -3.27	34.44 2.18 -3.97	33.71 2.21 -3.17	31.75 2.21 -1.25	31.50 2.24 -0.91	31.97 2.22 -1.63	33.00 2.07 -3.72	38.99 2.38 -8.23	50.66 2.54 -19.63	38.43 2.42 -7.51	34.23 2.27 -4.33	30.82 2.05 -2.15	27.41 1.63 -3.13	25.18 1.39 -3.06	23.71 1.10 -3.97
BROOKLYN___ARMY_DRP 323595	24.55 1.45 0.00	21.89 1.34 0.00	21.06 1.25 0.00	20.83 1.19 -1.10	21.68 1.30 -0.38	25.09 1.44 0.00	33.51 1.91 -3.14	36.21 2.02 -6.94	33.86 2.24 -2.15	33.86 2.29 -3.27	34.41 2.15 -3.97	33.73 2.24 -3.17	31.81 2.26 -1.25	31.56 2.30 -0.91	32.03 2.28 -1.63	33.05 2.12 -3.72	39.05 2.44 -8.23	50.72 2.59 -19.63	38.46 2.45 -7.51	34.23 2.27 -4.33	30.85 2.08 -2.15	27.45 1.68 -3.13	25.28 1.49 -3.06	23.88 1.27 -3.97
BROOKVLE_69_KV_TB1 55790	30.08 1.73 -5.26	28.10 1.56 -5.99	27.47 1.49 -6.17	26.51 1.41 -6.55	28.23 1.56 -6.67	31.76 1.92 -6.19	34.05 2.45 -3.13	36.72 2.53 -6.93	35.33 2.83 -3.02	34.36 2.80 -3.27	35.03 2.77 -3.96	35.40 2.78 -4.30	34.66 2.77 -3.59	33.32 2.81 -2.16	33.76 2.78 -2.86	35.83 2.67 -5.96	51.04 2.95 -19.71	63.68 3.08 -32.10	50.12 2.99 -18.63	42.30 2.79 -11.88	38.06 2.61 -8.83	32.86 2.08 -8.13	25.61 1.82 -3.06	24.13 1.51 -3.97
BROOME_2_LFGE 323671	23.11 0.02 0.00	20.59 0.04 0.00	19.87 0.06 0.00	18.97 -0.04 -0.46	20.16 0.00 -0.16	23.77 0.12 0.00	29.94 0.14 -1.33	30.20 0.03 -2.92	30.21 -0.20 -0.94	29.50 -0.23 -1.43	29.77 -0.26 -1.73	29.51 -0.20 -1.39	28.61 -0.23 -0.55	28.52 -0.23 -0.40	28.58 -0.25 -0.71	28.62 -0.22 -1.63	31.81 -0.03 -3.46	36.95 0.20 -8.25	31.88 0.23 -3.16	29.45 0.00 -1.82	27.58 0.05 -0.90	23.97 0.00 -1.32	22.02 0.00 -1.29	20.32 0.00 -1.68
BROOME___LFGE 323600	23.11 0.02 0.00	20.59 0.04 0.00	19.87 0.06 0.00	18.97 -0.04 -0.46	20.16 0.00 -0.16	23.77 0.12 0.00	29.94 0.14 -1.33	30.20 0.03 -2.92	30.21 -0.20 -0.94	29.50 -0.23 -1.43	29.77 -0.26 -1.73	29.51 -0.20 -1.39	28.61 -0.23 -0.55	28.52 -0.23 -0.40	28.58 -0.25 -0.71	28.62 -0.22 -1.63	31.81 -0.03 -3.46	36.95 0.20 -8.25	31.88 0.23 -3.16	29.45 0.00 -1.82	27.58 0.05 -0.90	23.97 0.00 -1.32	22.02 0.00 -1.29	20.32 0.00 -1.68
BROWNFLS_115KV_TB_3_5 80003	23.09 0.00 0.00	20.49 -0.06 0.00	19.73 -0.08 0.00	18.51 -0.09 -0.06	19.88 -0.14 -0.02	23.58 -0.07 0.00	28.68 0.06 -0.15	27.68 0.08 -0.34	29.67 0.09 -0.11	28.54 0.08 -0.16	28.61 0.11 -0.20	28.57 0.08 -0.16	28.44 0.08 -0.06	28.42 0.03 -0.05	28.15 -0.06 -0.08	27.23 -0.16 -0.19	28.58 -0.20 -0.40	29.32 -0.14 -0.96	28.69 -0.17 -0.37	27.76 -0.08 -0.21	26.54 -0.19 -0.11	22.64 -0.16 -0.15	19.15 -0.19 1.40	20.55 -0.19 -2.09
BROWNSV1_27_KV_LOAD 356125	24.55 1.45 0.00	21.89 1.34 0.00	21.06 1.25 0.00	20.83 1.19 -1.10	21.70 1.32 -0.38	25.21 1.56 0.00	33.71 2.11 -3.14	36.43 2.23 -6.93	34.13 2.51 -2.15	34.03 2.46 -3.27	34.64 2.38 -3.97	33.88 2.38 -3.17	31.95 2.41 -1.25	31.70 2.44 -0.91	32.17 2.42 -1.63	33.22 2.29 -3.72	39.19 2.58 -8.23	50.83 2.71 -19.63	38.63 2.62 -7.51	34.39 2.43 -4.33	30.98 2.21 -2.15	27.54 1.77 -3.13	25.37 1.58 -3.06	23.90 1.29 -3.97
BURROWS___LYONSDAL 23803	23.51 0.42 0.00	20.88 0.33 0.00	20.13 0.32 0.00	18.92 0.30 -0.08	20.35 0.32 -0.03	24.07 0.43 0.00	29.45 0.80 -0.19	28.41 0.74 -0.42	30.25 0.65 -0.13	29.09 0.59 -0.20	29.19 0.65 -0.25	29.11 0.59 -0.20	28.94 0.57 -0.08	29.00 0.60 -0.06	28.76 0.53 -0.10	27.96 0.52 -0.23	29.39 0.51 -0.50	30.38 0.68 -1.20	29.61 0.66 -0.46	28.48 0.58 -0.26	27.29 0.53 -0.13	23.24 0.41 -0.19	20.90 0.31 0.15	19.73 0.28 -0.81
CAITHNESS_CC_1 323624	29.67 1.32 -5.26	27.89 1.36 -5.99	27.25 1.27 -6.17	26.34 1.24 -6.55	27.99 1.32 -6.67	31.59 1.75 -6.19	33.88 2.28 -3.13	36.45 2.26 -6.93	34.94 2.44 -3.02	33.88 2.32 -3.27	34.47 2.21 -3.96	34.86 2.24 -4.30	34.15 2.26 -3.59	32.89 2.38 -2.16	33.37 2.39 -2.86	35.42 2.26 -5.96	50.64 2.56 -19.71	63.36 2.76 -32.10	49.74 2.62 -18.63	41.97 2.46 -11.88	37.77 2.32 -8.83	32.54 1.77 -8.13	28.22 1.84 -5.64	24.20 1.58 -3.97
CALPINE BETH_PAGE_GT4 24209	29.95 1.59 -5.26	27.97 1.44 -5.99	27.35 1.37 -6.17	26.39 1.30 -6.55	28.13 1.46 -6.67	31.61 1.77 -6.19	33.85 2.25 -3.13	36.42 2.23 -6.93	35.00 2.51 -3.02	34.02 2.46 -3.27	34.69 2.43 -3.96	35.06 2.44 -4.30	34.32 2.43 -3.59	33.01 2.49 -2.16	33.45 2.47 -2.86	35.53 2.37 -5.96	50.70 2.61 -19.71	63.36 2.76 -32.10	49.80 2.68 -18.63	42.00 2.49 -11.88	37.88 2.42 -8.83	32.70 1.92 -8.13	25.66 1.87 -3.06	24.18 1.57 -3.97
CALPINE_BETH_PAGE_GT_4 323586	29.94 1.59 -5.26	27.97 1.44 -5.99	27.35 1.37 -6.17	26.39 1.30 -6.55	28.11 1.44 -6.67	31.59 1.75 -6.19	33.88 2.28 -3.13	36.45 2.26 -6.93	35.00 2.50 -3.02	34.00 2.43 -3.27	34.66 2.40 -3.96	35.06 2.44 -4.30	34.32 2.43 -3.59	33.01 2.50 -2.16	33.45 2.48 -2.86	35.48 2.31 -5.96	50.69 2.61 -19.71	63.36 2.76 -32.10	49.80 2.68 -18.63	42.00 2.49 -11.88	37.90 2.45 -8.83	32.70 1.92 -8.13	28.24 1.87 -5.64	24.18 1.57 -3.97
CALPINE_BP_GT1 23823	29.94 1.59 -5.26	27.97 1.44 -5.99	27.35 1.37 -6.17	26.39 1.30 -6.55	28.11 1.44 -6.67	31.59 1.75 -6.19	33.88 2.28 -3.13	36.45 2.26 -6.93	35.00 2.50 -3.02	34.00 2.43 -3.27	34.66 2.40 -3.96	35.06 2.44 -4.30	34.32 2.43 -3.59	33.01 2.50 -2.16	33.45 2.48 -2.86	35.48 2.31 -5.96	50.69 2.61 -19.71	63.36 2.76 -32.10	49.80 2.68 -18.63	42.00 2.49 -11.88	37.90 2.45 -8.83	32.70 1.92 -8.13	28.24 1.87 -5.64	24.18 1.57 -3.97
CALSPAN___DRP 24200	21.66 -1.43 0.00	19.42 -1.13 0.00	18.80 -1.01 0.00	17.60 -1.24 -0.30	18.85 -1.26 -0.10	22.39 -1.25 0.00	27.52 -1.85 -0.90	26.78 -2.32 -1.84	26.77 -2.51 0.20	25.78 -2.41 0.11	26.67 -2.26 -0.64	25.58 -2.35 0.39	25.83 -2.46 0.01	25.62 -2.47 0.27	25.68 -2.45 -0.01	25.38 -2.20 -0.38	28.04 -2.53 -2.18	31.61 -2.08 -5.20	28.69 -1.80 -1.99	26.57 -2.21 -1.15	25.33 -1.86 -0.57	21.85 -1.70 -0.90	20.10 -1.51 -0.88	18.56 -1.23 -1.14
CALVERTON___SOLAR 323806	29.67 1.32 -5.26	27.93 1.40 -5.99	27.31 1.33 -6.17	26.39 1.30 -6.55	28.03 1.36 -6.67	31.66 1.82 -6.19	34.02 2.42 -3.13	36.53 2.34 -6.93	35.00 2.50 -3.02	33.88 2.32 -3.27	34.49 2.23 -3.96	34.86 2.24 -4.30	34.15 2.26 -3.59	32.92 2.41 -2.16	33.42 2.45 -2.86	35.50 2.34 -5.96	50.72 2.64 -19.71	63.45 2.85 -32.10	49.83 2.71 -18.63	42.02 2.51 -11.88	37.82 2.37 -8.83	32.61 1.83 -8.13	28.26 1.89 -5.64	24.25 1.64 -3.97
CANDIGU_WT_PWR 323617	22.26 -0.83 0.00	19.85 -0.70 0.00	19.18 -0.63 0.00	18.11 -0.80 -0.36	19.35 -0.78 -0.12	22.94 -0.71 0.00	28.56 -0.97 -1.06	28.36 -1.17 -2.27	27.67 -1.38 0.41	26.46 -1.39 0.45	27.24 -1.47 -0.42	26.15 -1.39 0.78	26.72 -1.47 0.10	26.52 -1.44 0.38	26.47 -1.49 0.16	25.94 -1.36 -0.09	29.71 -1.36 -2.69	33.90 -1.02 -6.43	30.16 -0.80 -2.46	27.89 -1.16 -1.42	26.37 -0.96 -0.71	22.77 -0.93 -1.05	20.91 -0.85 -1.03	19.27 -0.71 -1.34

CARR STREET_E__SYR 24060	22.86 -0.23 0.00	20.36 -0.19 0.00	19.63 -0.18 0.00	18.57 -0.19 -0.21	19.91 -0.16 -0.07	23.43 -0.21 0.00	28.86 -0.23 -0.63	28.32 -0.33 -1.39	29.43 -0.47 -0.43	28.47 -0.48 -0.66	28.64 -0.45 -0.80	28.54 -0.42 -0.64	28.07 -0.48 -0.25	28.08 -0.45 -0.18	28.00 -0.45 -0.33	27.58 -0.38 -0.75	29.60 -0.42 -1.64	32.13 -0.28 -3.92	29.68 -0.31 -1.50	28.08 -0.41 -0.86	26.68 -0.37 -0.43	23.03 -0.23 -0.61	21.14 -0.19 -0.59	19.30 -0.11 -0.77
CARTHAGE__PAPER 23857	23.25 0.16 0.00	20.65 0.10 0.00	19.89 0.08 0.00	18.72 0.06 -0.12	20.10 0.06 -0.04	23.79 0.14 0.00	29.28 0.48 -0.33	28.45 0.46 -0.73	30.06 0.35 -0.23	28.90 0.25 -0.35	29.00 0.28 -0.42	28.86 0.20 -0.34	28.57 0.14 -0.13	28.59 0.14 -0.10	28.38 0.08 -0.17	27.69 0.08 -0.40	29.39 0.14 -0.87	30.94 0.37 -2.07	29.66 0.37 -0.79	28.45 0.36 -0.46	27.12 0.27 -0.23	23.14 0.16 -0.34	20.52 0.06 0.27	19.89 0.02 -1.22
CASSADAGA_WT_PWR 323784	21.36 -1.73 0.00	19.09 -1.46 0.00	18.48 -1.33 0.00	17.31 -1.54 -0.31	18.53 -1.58 -0.11	22.13 -1.51 0.00	27.26 -2.14 -0.93	26.73 -2.43 -1.90	26.60 -2.68 0.19	25.65 -2.55 0.10	26.26 -2.69 -0.65	25.34 -2.61 0.38	25.61 -2.69 0.00	25.34 -2.75 0.26	25.43 -2.70 -0.01	25.07 -2.53 -0.39	28.11 -2.53 -2.26	31.88 -2.00 -5.38	28.79 -1.77 -2.06	26.61 -2.21 -1.19	25.30 -1.92 -0.59	21.80 -1.77 -0.92	19.97 -1.66 -0.90	18.45 -1.36 -1.16
CE_DUNWOOD__DRP 24194	24.29 1.20 0.00	21.64 1.09 0.00	20.84 1.03 0.00	20.64 1.00 -1.10	21.50 1.12 -0.38	24.99 1.35 0.00	33.39 1.79 -3.13	36.05 1.88 -6.92	33.65 2.03 -2.15	33.57 2.01 -3.26	34.20 1.95 -3.96	33.47 1.98 -3.17	31.52 1.98 -1.25	31.27 2.01 -0.91	31.74 2.00 -1.62	32.83 1.90 -3.71	38.71 2.13 -8.21	50.32 2.25 -19.58	38.15 2.17 -7.49	33.97 2.02 -4.32	30.63 1.86 -2.14	27.26 1.49 -3.12	25.15 1.37 -3.05	23.71 1.10 -3.96
CE_MILLWOOD__DRP 24193	24.25 1.15 0.00	21.60 1.05 0.00	20.80 0.99 0.00	20.60 0.96 -1.09	21.46 1.08 -0.37	24.95 1.30 0.00	33.32 1.74 -3.11	35.94 1.80 -6.89	33.55 1.95 -2.14	33.49 1.95 -3.25	34.13 1.90 -3.94	33.37 1.90 -3.15	31.43 1.90 -1.24	31.18 1.93 -0.91	31.65 1.91 -1.62	32.73 1.82 -3.70	38.59 2.04 -8.17	50.18 2.19 -19.49	38.04 2.08 -7.46	33.86 1.93 -4.30	30.57 1.81 -2.13	27.20 1.45 -3.11	25.08 1.31 -3.04	23.65 1.06 -3.94
CE_NYC2_DRP 24202	24.45 1.36 0.00	21.80 1.25 0.00	20.98 1.17 0.00	20.78 1.13 -1.10	21.62 1.24 -0.38	25.04 1.40 0.00	33.45 1.85 -3.14	36.18 1.99 -6.94	33.80 2.18 -2.15	33.77 2.21 -3.27	34.38 2.12 -3.97	33.65 2.15 -3.17	31.72 2.18 -1.25	31.47 2.21 -0.91	31.94 2.19 -1.63	32.97 2.04 -3.72	38.96 2.36 -8.23	50.60 2.48 -19.63	38.34 2.34 -7.51	34.14 2.18 -4.33	30.74 1.97 -2.15	27.36 1.59 -3.13	25.22 1.43 -3.06	23.81 1.19 -3.97
CE_NYC_DRP 24195	24.41 1.32 0.00	21.76 1.21 0.00	20.96 1.15 0.00	20.74 1.09 -1.10	21.60 1.22 -0.38	25.09 1.44 0.00	33.25 1.94 -2.85	35.99 2.07 -6.66	33.61 2.27 -1.87	33.72 2.26 -3.17	34.44 2.18 -3.97	33.71 2.21 -3.17	31.75 2.21 -1.25	31.53 2.27 -0.91	32.00 2.25 -1.63	33.03 2.10 -3.72	38.75 2.38 -7.98	50.44 2.51 -19.43	38.21 2.39 -7.32	34.15 2.24 -4.28	30.79 2.02 -2.15	27.41 1.63 -3.13	25.24 1.45 -3.06	23.79 1.17 -3.97
CHAFFEE__LFGE 323603	21.78 -1.32 0.00	19.48 -1.07 0.00	18.86 -0.95 0.00	17.64 -1.21 -0.30	18.91 -1.20 -0.10	22.49 -1.16 0.00	27.62 -1.76 -0.92	27.06 -2.07 -1.88	26.87 -2.42 0.19	25.88 -2.32 0.10	26.48 -2.46 -0.65	25.62 -2.32 0.38	25.89 -2.41 0.00	25.68 -2.41 0.26	25.71 -2.42 -0.01	25.31 -2.29 -0.39	28.19 -2.41 -2.22	31.85 -1.94 -5.30	28.84 -1.68 -2.03	26.68 -2.13 -1.17	25.45 -1.76 -0.58	21.92 -1.63 -0.91	20.17 -1.45 -0.89	18.62 -1.17 -1.15
CHATEAUG_35_KV_LOAD 355732	23.34 0.25 0.00	20.59 0.04 0.00	19.75 -0.06 0.00	18.38 -0.17 0.00	19.64 -0.36 0.00	23.27 -0.38 0.00	27.95 -0.51 0.00	26.68 -0.57 0.00	29.06 -0.41 0.00	28.21 -0.08 0.00	28.38 0.08 0.00	28.63 0.31 0.00	28.63 0.34 0.00	28.58 0.23 0.00	28.15 0.03 0.00	27.02 -0.19 0.00	27.98 -0.40 0.00	27.73 -0.77 0.00	27.67 -0.83 0.00	26.97 -0.66 0.00	25.82 -0.80 0.00	21.78 -0.86 0.00	16.97 -0.97 2.79	-1.06 -0.89 18.82
CHATEAUG_WT_PWR 323614	23.32 0.23 0.00	20.57 0.02 0.00	19.75 -0.06 0.00	18.36 -0.19 0.00	19.62 -0.38 0.00	23.27 -0.38 0.00	27.90 -0.57 0.00	26.58 -0.68 0.00	28.97 -0.50 0.00	28.15 -0.14 0.00	28.44 0.14 0.00	28.63 0.31 0.00	28.64 0.34 0.00	28.61 0.25 0.00	28.18 0.06 0.00	27.05 -0.16 0.00	27.98 -0.40 0.00	27.70 -0.80 0.00	27.61 -0.88 0.00	26.91 -0.72 0.00	25.77 -0.85 0.00	21.72 -0.93 0.00	16.83 -1.06 2.84	0.18 -0.95 17.51
CHAT_HIGH_FALL_HYD 323578	23.35 0.25 0.00	20.59 0.04 0.00	19.75 -0.06 0.00	18.38 -0.17 0.00	19.64 -0.36 0.00	23.27 -0.38 0.00	27.92 -0.54 0.00	26.63 -0.63 0.00	29.06 -0.41 0.00	28.21 -0.08 0.00	28.47 0.17 0.00	28.63 0.31 0.00	28.66 0.37 0.00	28.58 0.23 0.00	28.15 0.03 0.00	27.02 -0.19 0.00	27.98 -0.40 0.00	27.73 -0.77 0.00	27.67 -0.83 0.00	26.97 -0.66 0.00	25.83 -0.80 0.00	21.78 -0.86 0.00	16.97 -0.97 2.79	-1.06 -0.89 18.82
CHAUTAUQUA__LFGE 323629	21.75 -1.34 0.00	19.44 -1.11 0.00	18.82 -0.99 0.00	17.64 -1.21 -0.31	18.91 -1.20 -0.10	22.49 -1.16 0.00	27.71 -1.68 -0.92	27.10 -2.04 -1.89	26.92 -2.36 0.19	25.90 -2.29 0.10	26.54 -2.41 -0.65	25.64 -2.29 0.39	25.92 -2.38 0.00	25.71 -2.38 0.26	25.74 -2.39 -0.01	25.39 -2.20 -0.38	28.35 -2.27 -2.24	32.03 -1.79 -5.33	29.00 -1.54 -2.04	26.82 -1.99 -1.18	25.54 -1.68 -0.59	22.02 -1.54 -0.91	20.23 -1.39 -0.89	18.69 -1.12 -1.16
CHERRYST_13_KV_LD 356241	24.45 1.36 0.00	21.82 1.27 0.00	21.00 1.19 0.00	20.78 1.13 -1.10	21.66 1.28 -0.38	25.14 1.49 0.00	33.34 2.02 -2.85	36.07 2.15 -6.66	33.70 2.36 -1.87	33.81 2.35 -3.17	34.52 2.26 -3.97	33.79 2.29 -3.17	31.84 2.29 -1.25	31.62 2.35 -0.91	32.08 2.33 -1.63	33.11 2.18 -3.72	38.83 2.47 -7.98	50.52 2.59 -19.43	38.29 2.48 -7.32	34.20 2.29 -4.28	30.85 2.08 -2.15	27.47 1.70 -3.13	25.30 1.51 -3.06	23.85 1.23 -3.97
CHESTROR_138KV_BK263 355645	24.01 0.92 0.00	21.39 0.84 0.00	20.60 0.79 0.00	20.32 0.76 -1.01	21.21 0.86 -0.35	24.69 1.04 0.00	32.75 1.39 -2.89	35.06 1.42 -6.39	32.98 1.53 -1.98	32.80 1.50 -3.01	33.39 1.44 -3.65	32.69 1.44 -2.92	30.89 1.44 -1.15	30.69 1.50 -0.84	31.11 1.49 -1.50	32.08 1.44 -3.42	37.60 1.65 -7.57	48.33 1.77 -18.07	37.09 1.68 -6.92	33.19 1.58 -3.98	30.06 1.46 -1.98	26.71 1.18 -2.88	24.61 1.06 -2.82	23.14 0.84 -3.66
CH_MIDHUDSON__DRP 24192	24.25 1.15 0.00	21.62 1.07 0.00	20.82 1.01 0.00	20.63 0.96 -1.12	21.47 1.08 -0.38	24.97 1.32 0.00	33.40 1.74 -3.19	36.09 1.77 -7.06	33.58 1.92 -2.19	33.49 1.87 -3.33	34.14 1.81 -4.04	33.37 1.81 -3.23	31.35 1.78 -1.27	31.12 1.84 -0.93	31.61 1.83 -1.66	32.77 1.77 -3.79	38.74 1.99 -8.38	50.57 2.08 -19.99	38.17 2.02 -7.65	33.95 1.91 -4.41	30.57 1.76 -2.19	27.24 1.40 -3.19	25.09 1.24 -3.12	23.72 1.03 -4.04

CH_MISC_IPPS 23765	24.31 1.22 0.00	21.68 1.13 0.00	20.88 1.07 0.00	20.64 1.00 -1.10	21.54 1.16 -0.38	25.02 1.37 0.00	33.42 1.82 -3.13	36.04 1.85 -6.93	33.62 2.01 -2.15	33.51 1.95 -3.26	34.09 1.84 -3.96	33.33 1.84 -3.17	31.32 1.78 -1.25	31.13 1.87 -0.91	31.60 1.86 -1.62	32.72 1.80 -3.72	38.67 2.07 -8.22	50.30 2.19 -19.61	38.11 2.11 -7.51	33.92 1.96 -4.32	30.60 1.84 -2.15	27.22 1.45 -3.13	25.05 1.26 -3.05	23.65 1.04 -3.96
CH_RES_BVR_FALLS 23983	22.63 -0.46 0.00	20.00 -0.55 0.00	19.20 -0.61 0.00	17.95 -0.59 0.00	19.32 -0.68 0.00	22.82 -0.83 0.00	27.44 -1.02 0.00	26.36 -0.90 0.00	28.59 -0.88 0.00	27.47 -0.82 0.00	27.53 -0.76 0.00	27.59 -0.74 0.00	27.59 -0.71 0.00	27.59 -0.76 0.00	27.36 -0.76 0.00	26.48 -0.73 0.00	27.64 -0.74 0.00	27.73 -0.77 0.00	27.73 -0.77 0.00	26.91 -0.72 0.00	25.83 -0.80 0.00	21.94 -0.70 0.00	15.82 -0.66 4.24	18.03 -0.61 0.00
CH_RES_NIAGARA 23895	20.92 -2.17 0.00	18.76 -1.79 0.00	18.19 -1.62 0.00	17.18 -1.65 -0.29	18.44 -1.66 -0.10	21.61 -2.03 0.00	26.69 -2.65 -0.87	25.89 -3.11 -1.74	25.68 -3.60 0.19	24.64 -3.57 0.09	25.35 -3.59 -0.65	24.46 -3.48 0.38	24.73 -3.57 0.00	24.54 -3.54 0.26	24.57 -3.57 -0.02	24.47 -3.13 -0.39	26.87 -3.58 -2.07	30.31 -3.11 -4.92	27.65 -2.74 -1.89	25.60 -3.12 -1.09	24.45 -2.72 -0.54	21.16 -2.36 -0.87	19.52 -2.05 -0.85	18.08 -1.66 -1.10
CH_RES_SYRACUSE 23985	23.02 -0.07 0.00	20.49 -0.06 0.00	19.77 -0.04 0.00	18.72 -0.06 -0.23	20.06 -0.02 -0.08	23.60 -0.05 0.00	29.10 -0.03 -0.66	28.59 -0.14 -1.47	29.64 -0.29 -0.46	28.68 -0.31 -0.70	28.86 -0.28 -0.85	28.75 -0.26 -0.68	28.25 -0.31 -0.27	28.26 -0.28 -0.20	28.19 -0.28 -0.35	27.76 -0.25 -0.80	29.86 -0.26 -1.74	32.56 -0.09 -4.15	29.97 -0.11 -1.59	28.30 -0.25 -0.91	26.86 -0.21 -0.45	23.21 -0.09 -0.65	21.30 -0.06 -0.64	19.45 -0.02 -0.83
CLINTON_WT_PWR 323605	23.32 0.23 0.00	20.57 0.02 0.00	19.75 -0.06 0.00	18.36 -0.19 0.00	19.62 -0.38 0.00	23.27 -0.38 0.00	27.90 -0.57 0.00	26.58 -0.68 0.00	28.97 -0.50 0.00	28.15 -0.14 0.00	28.44 0.14 0.00	28.63 0.31 0.00	28.64 0.34 0.00	28.61 0.25 0.00	28.18 0.06 0.00	27.05 -0.16 0.00	27.98 -0.40 0.00	27.70 -0.80 0.00	27.61 -0.88 0.00	26.91 -0.72 0.00	25.77 -0.85 0.00	21.72 -0.93 0.00	16.83 -1.06 2.84	0.18 -0.95 17.51
CLINTON__LFGE 323618	23.58 0.49 0.00	20.78 0.23 0.00	19.93 0.12 0.00	18.53 -0.02 0.00	19.80 -0.20 0.00	23.51 -0.14 0.00	28.24 -0.23 0.00	26.90 -0.36 0.00	29.32 -0.15 0.00	28.49 0.20 0.00	28.75 0.45 0.00	28.95 0.62 0.00	28.95 0.65 0.00	28.89 0.54 0.00	28.46 0.34 0.00	27.29 0.08 0.00	28.27 -0.11 0.00	28.01 -0.48 0.00	27.95 -0.54 0.00	27.24 -0.39 0.00	26.06 -0.56 0.00	21.97 -0.68 0.00	17.05 -0.85 2.83	0.01 -0.78 17.85
COBBLENY_34_KV_TB1 80064	21.75 -1.34 0.00	19.48 -1.07 0.00	18.86 -0.95 0.00	17.64 -1.21 -0.30	18.89 -1.22 -0.10	22.46 -1.18 0.00	27.62 -1.76 -0.92	26.92 -2.21 -1.88	26.89 -2.39 0.19	25.96 -2.24 0.10	26.79 -2.15 -0.65	25.73 -2.21 0.38	26.00 -2.29 0.00	25.76 -2.32 0.26	25.83 -2.31 -0.01	25.56 -2.04 -0.39	28.19 -2.41 -2.22	31.85 -1.94 -5.30	28.84 -1.68 -2.03	26.70 -2.10 -1.17	25.45 -1.76 -0.58	21.93 -1.63 -0.91	20.17 -1.45 -0.89	18.63 -1.17 -1.16
COFFEEN__115KV_TB3 355620	23.53 0.44 0.00	20.88 0.33 0.00	20.15 0.34 0.00	18.97 0.28 -0.14	20.37 0.32 -0.05	24.10 0.45 0.00	29.78 0.91 -0.41	28.95 0.79 -0.90	30.37 0.62 -0.28	29.18 0.45 -0.43	29.32 0.51 -0.52	29.11 0.37 -0.42	28.80 0.34 -0.16	28.84 0.37 -0.12	28.62 0.28 -0.21	28.05 0.35 -0.49	29.87 0.43 -1.07	31.84 0.80 -2.55	30.30 0.83 -0.97	28.91 0.72 -0.56	27.51 0.61 -0.28	23.53 0.48 -0.41	21.03 0.33 0.04	20.04 0.30 -1.10
COLDSPRG_115KV_BK1 355956	22.07 -1.02 0.00	19.73 -0.82 0.00	19.08 -0.73 0.00	17.72 -1.13 -0.31	18.95 -1.16 -0.11	22.82 -0.83 0.00	27.98 -1.42 -0.93	27.42 -1.77 -1.93	27.44 -1.86 0.18	26.57 -1.64 0.09	27.17 -1.78 -0.66	26.26 -1.70 0.37	26.52 -1.78 -0.01	26.22 -1.87 0.26	26.34 -1.80 -0.02	26.16 -1.44 -0.40	28.80 -1.87 -2.29	32.56 -1.40 -5.46	29.39 -1.20 -2.09	27.15 -1.69 -1.21	25.84 -1.38 -0.60	22.24 -1.34 -0.93	20.38 -1.26 -0.91	18.79 -1.04 -1.18
COLONIE_LFGE__ 323577	23.97 0.88 0.00	21.37 0.82 0.00	20.60 0.79 0.00	20.71 0.78 -1.39	21.36 0.88 -0.48	24.73 1.09 0.00	33.79 1.37 -3.96	37.40 1.39 -8.75	33.64 1.44 -2.72	33.79 1.36 -4.13	34.70 1.39 -5.01	33.75 1.42 -4.01	31.29 1.41 -1.58	30.89 1.39 -1.15	31.56 1.38 -2.06	33.25 1.33 -4.71	40.10 1.33 -10.38	54.64 1.37 -24.78	39.37 1.40 -9.48	34.42 1.33 -5.46	30.69 1.36 -2.71	27.62 1.02 -3.95	25.50 0.91 -3.86	24.46 0.80 -5.01
COOPERNY_115KV_TB1 80082	23.76 0.67 0.00	21.17 0.62 0.00	20.41 0.59 0.00	19.91 0.57 -0.80	20.92 0.64 -0.27	24.43 0.78 0.00	31.79 1.05 -2.27	33.34 1.06 -5.02	32.23 1.24 -1.52	31.82 1.22 -2.31	32.28 1.19 -2.80	31.72 1.16 -2.24	30.36 1.19 -0.88	30.21 1.22 -0.64	30.48 1.21 -1.15	31.00 1.17 -2.62	35.58 1.25 -5.95	44.03 1.34 -14.20	35.21 1.28 -5.43	31.95 1.19 -3.13	29.27 1.09 -1.55	25.79 0.88 -2.27	23.75 0.81 -2.21	22.17 0.65 -2.87
COPENHAGEN_WT_PWR 323753	23.32 0.23 0.00	20.73 0.18 0.00	19.97 0.16 0.00	18.82 0.13 -0.15	20.19 0.14 -0.05	23.88 0.24 0.00	29.48 0.60 -0.42	28.67 0.49 -0.92	30.09 0.32 -0.29	28.93 0.20 -0.44	29.05 0.23 -0.53	28.89 0.14 -0.43	28.58 0.11 -0.17	28.59 0.11 -0.12	28.40 0.06 -0.22	27.82 0.11 -0.50	29.65 0.17 -1.10	31.59 0.48 -2.62	29.98 0.48 -1.00	28.60 0.39 -0.58	27.23 0.32 -0.29	23.31 0.25 -0.42	20.90 0.17 0.00	19.88 0.15 -1.08
CORNELL____ 23752	23.48 0.39 0.00	20.90 0.35 0.00	20.15 0.34 0.00	19.16 0.26 -0.36	20.44 0.32 -0.12	24.12 0.47 0.00	30.15 0.65 -1.03	30.01 0.49 -2.26	32.48 0.47 -2.54	32.29 0.40 -3.60	31.56 0.42 -2.85	32.75 0.40 -4.03	29.86 0.31 -1.26	30.09 0.34 -1.40	30.16 0.34 -1.70	30.77 0.41 -3.16	31.49 0.43 -2.68	35.61 0.71 -6.40	31.66 0.71 -2.45	29.51 0.47 -1.41	27.80 0.48 -0.70	24.06 0.38 -1.03	22.07 0.33 -1.01	20.27 0.32 -1.30
CORONAAV_69_KV_TB1 355595	30.04 1.69 -5.26	28.06 1.52 -5.99	27.43 1.45 -6.17	26.47 1.37 -6.55	28.19 1.52 -6.67	31.66 1.82 -6.19	33.96 2.36 -3.13	36.59 2.40 -6.93	35.12 2.62 -3.02	34.17 2.60 -3.27	34.81 2.55 -3.96	35.17 2.55 -4.30	34.43 2.55 -3.59	33.09 2.58 -2.16	33.54 2.56 -2.86	35.61 2.45 -5.96	50.78 2.70 -19.71	63.42 2.82 -32.10	49.89 2.76 -18.63	42.08 2.57 -11.88	37.88 2.42 -8.83	32.77 1.99 -8.13	25.68 1.89 -3.06	24.20 1.58 -3.97
CORTLAND_115KV_TB3 80093	23.32 0.23 0.00	20.75 0.21 0.00	20.03 0.22 0.00	19.00 0.15 -0.30	20.31 0.20 -0.10	23.93 0.28 0.00	29.79 0.46 -0.87	29.50 0.33 -1.92	30.82 0.27 -1.08	30.10 0.23 -1.58	30.10 0.28 -1.52	30.25 0.25 -1.67	29.06 0.20 -0.57	29.12 0.23 -0.54	29.11 0.22 -0.76	29.04 0.27 -1.56	30.94 0.28 -2.27	34.40 0.48 -5.42	31.03 0.46 -2.08	29.10 0.28 -1.20	27.51 0.29 -0.59	23.74 0.23 -0.87	21.77 0.19 -0.85	19.95 0.21 -1.10

COXSACKIE___GT 23611	24.75 1.66 0.00	22.11 1.56 0.00	21.30 1.49 0.00	20.98 1.15 -1.28	21.84 1.40 -0.44	25.51 1.87 0.00	34.25 2.14 -3.65	37.35 2.02 -8.08	34.16 2.18 -2.50	33.97 1.87 -3.81	34.61 1.70 -4.62	33.60 1.59 -3.70	31.22 1.47 -1.45	30.94 1.53 -1.06	31.53 1.52 -1.90	33.23 1.69 -4.33	39.83 1.87 -9.58	53.46 2.11 -22.85	39.35 2.11 -8.75	34.72 2.04 -5.04	31.01 1.89 -2.50	27.67 1.38 -3.65	25.33 1.04 -3.56	24.11 0.84 -4.62
CPV_VALLEY___CC1 323721	23.85 0.76 0.00	21.25 0.70 0.00	20.46 0.65 0.00	20.13 0.65 -0.94	21.04 0.72 -0.32	24.52 0.88 0.00	32.33 1.20 -2.67	34.38 1.23 -5.90	32.59 1.30 -1.83	32.35 1.27 -2.78	32.88 1.22 -3.37	32.24 1.22 -2.70	30.60 1.24 -1.06	30.43 1.30 -0.77	30.80 1.29 -1.38	31.57 1.20 -3.16	36.77 1.39 -7.00	46.70 1.51 -16.69	36.34 1.45 -6.39	32.64 1.33 -3.68	29.70 1.25 -1.83	26.30 1.00 -2.66	24.24 0.91 -2.60	22.75 0.73 -3.37
CPV_VALLEY___CC2 323722	23.85 0.76 0.00	21.25 0.70 0.00	20.46 0.65 0.00	20.13 0.65 -0.94	21.04 0.72 -0.32	24.52 0.88 0.00	32.33 1.20 -2.67	34.38 1.23 -5.90	32.59 1.30 -1.83	32.35 1.27 -2.78	32.88 1.22 -3.37	32.24 1.22 -2.70	30.60 1.24 -1.06	30.43 1.30 -0.77	30.80 1.29 -1.38	31.57 1.20 -3.16	36.77 1.39 -7.00	46.70 1.51 -16.69	36.34 1.45 -6.39	32.64 1.33 -3.68	29.70 1.25 -1.83	26.30 1.00 -2.66	24.24 0.91 -2.60	22.75 0.73 -3.37
CRESCENT___HYD 24018	23.97 0.88 0.00	21.37 0.82 0.00	20.60 0.79 0.00	20.71 0.78 -1.39	21.36 0.88 -0.48	24.73 1.09 0.00	33.79 1.37 -3.96	37.40 1.39 -8.75	33.64 1.44 -2.72	33.79 1.36 -4.13	34.70 1.39 -5.01	33.75 1.42 -4.01	31.29 1.41 -1.58	30.89 1.39 -1.15	31.56 1.38 -2.06	33.25 1.33 -4.71	40.10 1.33 -10.38	54.64 1.37 -24.78	39.37 1.40 -9.48	34.42 1.33 -5.46	30.69 1.36 -2.71	27.62 1.02 -3.95	25.50 0.91 -3.86	24.46 0.80 -5.01
CRICKET___VALLEY_CC1 323756	24.11 1.01 0.00	21.50 0.95 0.00	20.72 0.91 0.00	20.60 0.89 -1.16	21.38 0.98 -0.40	24.88 1.23 0.00	33.40 1.62 -3.31	36.27 1.69 -7.33	33.57 1.83 -2.27	33.51 1.75 -3.46	34.24 1.75 -4.19	33.43 1.76 -3.35	31.40 1.78 -1.32	31.10 1.79 -0.96	31.64 1.80 -1.72	32.86 1.72 -3.93	38.97 1.90 -8.69	51.17 1.94 -20.73	38.34 1.91 -7.94	34.00 1.80 -4.57	30.62 1.73 -2.27	27.29 1.34 -3.31	25.14 1.18 -3.23	23.84 1.01 -4.19
CRICKET___VALLEY_CC2 323757	24.11 1.01 0.00	21.50 0.95 0.00	20.72 0.91 0.00	20.60 0.89 -1.16	21.38 0.98 -0.40	24.88 1.23 0.00	33.40 1.62 -3.31	36.27 1.69 -7.33	33.57 1.83 -2.27	33.51 1.75 -3.46	34.24 1.75 -4.19	33.43 1.76 -3.35	31.40 1.78 -1.32	31.10 1.79 -0.96	31.64 1.80 -1.72	32.86 1.72 -3.93	38.97 1.90 -8.69	51.17 1.94 -20.73	38.34 1.91 -7.94	34.00 1.80 -4.57	30.62 1.73 -2.27	27.29 1.34 -3.31	25.14 1.18 -3.23	23.84 1.01 -4.19
CRICKET___VALLEY_CC3 323758	24.11 1.01 0.00	21.50 0.95 0.00	20.72 0.91 0.00	20.60 0.89 -1.16	21.38 0.98 -0.40	24.88 1.23 0.00	33.40 1.62 -3.31	36.27 1.69 -7.33	33.57 1.83 -2.27	33.51 1.75 -3.46	34.24 1.75 -4.19	33.43 1.76 -3.35	31.40 1.78 -1.32	31.10 1.79 -0.96	31.64 1.80 -1.72	32.86 1.72 -3.93	38.97 1.90 -8.69	51.17 1.94 -20.73	38.34 1.91 -7.94	34.00 1.80 -4.57	30.62 1.73 -2.27	27.29 1.34 -3.31	25.14 1.18 -3.23	23.84 1.01 -4.19
CRUCIBLE_METL_DRP 24180	23.02 -0.07 0.00	20.49 -0.06 0.00	19.77 -0.04 0.00	18.72 -0.06 -0.23	20.04 -0.04 -0.08	23.60 -0.05 0.00	29.10 -0.03 -0.66	28.56 -0.16 -1.47	29.64 -0.29 -0.46	28.71 -0.28 -0.70	28.94 -0.20 -0.85	28.78 -0.23 -0.68	28.28 -0.28 -0.27	28.29 -0.26 -0.20	28.19 -0.28 -0.35	27.76 -0.24 -0.80	29.86 -0.26 -1.74	32.56 -0.09 -4.15	29.97 -0.11 -1.59	28.30 -0.25 -0.91	26.86 -0.21 -0.45	23.22 -0.09 -0.66	21.31 -0.06 -0.65	19.47 -0.02 -0.84
DAHOWA___HYDRO 323763	24.48 1.39 0.00	21.78 1.23 0.00	20.98 1.17 0.00	21.09 1.13 -1.41	21.81 1.32 -0.48	25.30 1.65 0.00	34.28 1.79 -4.02	37.89 1.75 -8.89	34.12 1.89 -2.76	34.28 1.78 -4.20	35.22 1.84 -5.09	34.32 1.93 -4.07	31.79 1.90 -1.60	31.25 1.73 -1.17	31.90 1.69 -2.09	33.65 1.66 -4.78	40.40 1.47 -10.54	55.21 1.57 -25.15	39.72 1.59 -9.63	34.64 1.46 -5.55	31.16 1.78 -2.75	27.95 1.29 -4.01	25.81 1.16 -3.92	24.81 1.08 -5.09
DANC___LFGE 323619	23.09 0.00 0.00	20.53 -0.02 0.00	19.79 -0.02 0.00	18.67 -0.04 -0.17	20.04 -0.02 -0.06	23.65 0.00 0.00	29.17 0.23 -0.48	28.42 0.11 -1.06	29.74 -0.06 -0.33	28.66 -0.14 -0.50	28.79 -0.11 -0.61	28.64 -0.17 -0.49	28.26 -0.23 -0.19	28.29 -0.20 -0.14	28.12 -0.25 -0.25	27.59 -0.19 -0.57	29.46 -0.17 -1.25	31.57 0.09 -2.99	29.73 0.09 -1.15	28.29 0.00 -0.66	26.92 -0.03 -0.33	23.12 0.00 -0.47	20.90 -0.02 -0.19	19.63 0.00 -0.98
DANSKAMMER___1 23586	24.31 1.22 0.00	21.68 1.13 0.00	20.88 1.07 0.00	20.64 1.00 -1.10	21.54 1.16 -0.38	25.02 1.37 0.00	33.42 1.82 -3.13	36.04 1.85 -6.93	33.62 2.01 -2.15	33.51 1.95 -3.26	34.09 1.84 -3.96	33.33 1.84 -3.17	31.32 1.78 -1.25	31.13 1.87 -0.91	31.60 1.86 -1.62	32.72 1.80 -3.72	38.67 2.07 -8.22	50.30 2.19 -19.61	38.11 2.11 -7.51	33.92 1.96 -4.32	30.60 1.84 -2.15	27.22 1.45 -3.13	25.05 1.26 -3.05	23.65 1.04 -3.96
DANSKAMMER___2 23589	24.31 1.22 0.00	21.68 1.13 0.00	20.88 1.07 0.00	20.64 1.00 -1.10	21.54 1.16 -0.38	25.02 1.37 0.00	33.42 1.82 -3.13	36.04 1.85 -6.93	33.62 2.01 -2.15	33.51 1.95 -3.26	34.09 1.84 -3.96	33.33 1.84 -3.17	31.32 1.78 -1.25	31.13 1.87 -0.91	31.60 1.86 -1.62	32.72 1.80 -3.72	38.67 2.07 -8.22	50.30 2.19 -19.61	38.11 2.11 -7.51	33.92 1.96 -4.32	30.60 1.84 -2.15	27.22 1.45 -3.13	25.05 1.26 -3.05	23.65 1.04 -3.96
DANSKAMMER___3 23590	24.31 1.22 0.00	21.68 1.13 0.00	20.88 1.07 0.00	20.64 1.00 -1.10	21.54 1.16 -0.38	25.02 1.37 0.00	33.42 1.82 -3.13	36.04 1.85 -6.93	33.62 2.01 -2.15	33.51 1.95 -3.26	34.09 1.84 -3.96	33.33 1.84 -3.17	31.32 1.78 -1.25	31.13 1.87 -0.91	31.60 1.86 -1.62	32.72 1.80 -3.72	38.67 2.07 -8.22	50.30 2.19 -19.61	38.11 2.11 -7.51	33.92 1.96 -4.32	30.60 1.84 -2.15	27.22 1.45 -3.13	25.05 1.26 -3.05	23.65 1.04 -3.96
DANSKAMMER___4 23591	24.31 1.22 0.00	21.68 1.13 0.00	20.88 1.07 0.00	20.64 1.00 -1.10	21.54 1.16 -0.38	25.02 1.37 0.00	33.42 1.82 -3.13	36.04 1.85 -6.93	33.62 2.01 -2.15	33.51 1.95 -3.26	34.09 1.84 -3.96	33.33 1.84 -3.17	31.32 1.78 -1.25	31.13 1.87 -0.91	31.60 1.86 -1.62	32.72 1.80 -3.72	38.67 2.07 -8.22	50.30 2.19 -19.61	38.11 2.11 -7.51	33.92 1.96 -4.32	30.60 1.84 -2.15	27.22 1.45 -3.13	25.05 1.26 -3.05	23.65 1.04 -3.96
DANSKAMMER___DIESEL 23592	24.34 1.25 0.00	21.68 1.13 0.00	20.88 1.07 0.00	20.65 1.00 -1.10	21.54 1.16 -0.38	25.04 1.40 0.00	33.42 1.82 -3.13	36.01 1.83 -6.93	33.59 1.97 -2.15	33.51 1.95 -3.26	34.12 1.87 -3.96	33.36 1.87 -3.17	31.35 1.81 -1.25	31.16 1.90 -0.91	31.63 1.88 -1.62	32.75 1.82 -3.72	38.67 2.07 -8.22	50.30 2.19 -19.61	38.11 2.11 -7.51	33.92 1.96 -4.32	30.58 1.81 -2.15	27.22 1.45 -3.13	25.05 1.26 -3.06	23.65 1.04 -3.96

DARBY___SOLAR 323810	24.38 1.29 0.00	21.70 1.15 0.00	20.92 1.11 0.00	21.03 1.08 -1.41	21.71 1.22 -0.48	25.18 1.54 0.00	34.18 1.71 -4.01	37.79 1.66 -8.87	34.03 1.80 -2.76	34.18 1.70 -4.19	35.13 1.75 -5.08	34.23 1.84 -4.07	31.71 1.81 -1.60	31.19 1.67 -1.17	31.84 1.63 -2.09	33.58 1.60 -4.77	40.35 1.45 -10.52	55.13 1.54 -25.10	39.67 1.57 -9.61	34.60 1.44 -5.53	31.05 1.68 -2.75	27.89 1.24 -4.00	25.76 1.12 -3.91	24.75 1.02 -5.07
DASHVILLE___HYD 23610	24.20 1.11 0.00	21.58 1.03 0.00	20.78 0.97 0.00	20.27 0.59 -1.13	21.15 0.76 -0.39	24.88 1.23 0.00	32.86 1.17 -3.22	35.61 1.23 -7.13	32.94 1.27 -2.20	32.92 1.27 -3.35	33.52 1.16 -4.06	32.74 1.16 -3.25	30.71 1.13 -1.28	30.50 1.22 -0.93	31.00 1.21 -1.67	32.19 1.17 -3.81	38.25 1.42 -8.46	50.18 1.51 -20.18	37.64 1.42 -7.72	33.43 1.35 -4.45	30.03 1.20 -2.21	26.84 0.97 -3.22	24.73 0.85 -3.15	23.38 0.65 -4.08
DEERFIELD_69_KV_DEERFIELD LD 355887	30.01 1.66 -5.26	28.26 1.73 -5.99	27.61 1.62 -6.17	26.65 1.56 -6.55	28.41 1.74 -6.67	31.99 2.15 -6.19	34.53 2.93 -3.13	37.00 2.81 -6.93	35.65 3.15 -3.02	34.51 2.94 -3.27	35.15 2.89 -3.96	35.48 2.86 -4.30	34.77 2.89 -3.59	33.54 3.03 -2.16	34.04 3.07 -2.86	36.13 2.97 -5.96	51.35 3.26 -19.71	64.13 3.53 -32.10	50.49 3.36 -18.63	42.63 3.12 -11.88	38.41 2.96 -8.83	33.04 2.26 -8.13	26.03 2.24 -3.06	24.54 1.92 -3.97
DELAWARE___LFGE 323621	23.74 0.65 0.00	21.15 0.60 0.00	20.43 0.61 0.00	19.65 0.56 -0.54	20.79 0.60 -0.19	24.43 0.78 0.00	31.11 1.08 -1.56	31.73 1.04 -3.44	31.66 1.00 -1.18	31.04 0.96 -1.79	31.39 0.99 -2.10	31.04 0.96 -1.76	29.93 0.96 -0.68	29.86 0.99 -0.51	29.96 0.96 -0.89	30.15 0.95 -1.99	33.54 1.08 -4.08	39.45 1.23 -9.73	33.42 1.20 -3.72	30.83 1.05 -2.15	28.67 0.99 -1.06	24.99 0.79 -1.56	22.94 0.68 -1.52	21.18 0.56 -1.97
DERFIELD_115KV_TB7 355931	23.16 0.07 0.00	20.61 0.06 0.00	19.87 0.06 0.00	18.63 0.06 -0.03	20.07 0.06 -0.01	23.72 0.07 0.00	28.68 0.14 -0.07	27.52 0.11 -0.15	29.64 0.12 -0.05	28.48 0.11 -0.07	28.50 0.11 -0.09	28.51 0.11 -0.07	28.46 0.14 -0.03	28.51 0.14 -0.02	28.30 0.14 -0.04	27.43 0.14 -0.08	28.70 0.14 -0.18	29.10 0.17 -0.43	28.83 0.17 -0.17	27.87 0.14 -0.10	26.80 0.13 -0.05	22.83 0.11 -0.07	21.06 0.10 -0.22	18.83 0.09 -0.09
DOGLEVILLE___HYD 23807	23.67 0.58 0.00	21.04 0.49 0.00	20.25 0.44 0.00	18.96 0.39 -0.03	20.43 0.42 -0.01	24.17 0.52 0.00	29.25 0.71 -0.07	28.09 0.68 -0.15	30.08 0.56 -0.05	28.93 0.57 -0.07	29.04 0.65 -0.09	29.13 0.74 -0.07	29.14 0.82 -0.03	29.25 0.88 -0.02	28.97 0.82 -0.04	28.00 0.71 -0.08	29.27 0.71 -0.18	29.70 0.77 -0.43	29.43 0.77 -0.17	28.42 0.69 -0.10	27.36 0.69 -0.05	23.47 0.75 -0.08	21.67 0.71 -0.24	19.38 0.63 -0.10
DUNKIRK___115KV_TB_200 55889	21.75 -1.34 0.00	19.48 -1.07 0.00	18.86 -0.95 0.00	17.68 -1.17 -0.31	18.93 -1.18 -0.10	22.49 -1.16 0.00	27.74 -1.65 -0.92	27.02 -2.13 -1.89	26.98 -2.30 0.19	26.01 -2.18 0.10	26.88 -2.07 -0.65	25.78 -2.15 0.39	26.06 -2.24 0.00	25.82 -2.27 0.26	25.88 -2.25 -0.01	25.61 -1.99 -0.38	28.37 -2.24 -2.24	32.05 -1.77 -5.33	29.03 -1.51 -2.04	26.85 -1.96 -1.18	25.59 -1.62 -0.59	22.05 -1.52 -0.92	20.26 -1.37 -0.90	18.71 -1.10 -1.16
DUNKIRK___1 23563	21.75 -1.34 0.00	19.48 -1.07 0.00	18.86 -0.95 0.00	17.68 -1.17 -0.31	18.93 -1.18 -0.10	22.49 -1.16 0.00	27.74 -1.65 -0.92	27.02 -2.13 -1.89	26.98 -2.30 0.19	26.01 -2.18 0.10	26.88 -2.07 -0.65	25.78 -2.15 0.39	26.06 -2.24 0.00	25.82 -2.27 0.26	25.88 -2.25 -0.01	25.61 -1.99 -0.38	28.37 -2.24 -2.24	32.05 -1.77 -5.33	29.03 -1.51 -2.04	26.85 -1.96 -1.18	25.59 -1.62 -0.59	22.05 -1.52 -0.92	20.26 -1.37 -0.90	18.71 -1.10 -1.16
DUNKIRK___2 23564	21.75 -1.34 0.00	19.48 -1.07 0.00	18.86 -0.95 0.00	17.68 -1.17 -0.31	18.93 -1.18 -0.10	22.49 -1.16 0.00	27.74 -1.65 -0.92	27.02 -2.13 -1.89	26.98 -2.30 0.19	26.01 -2.18 0.10	26.88 -2.07 -0.65	25.78 -2.15 0.39	26.06 -2.24 0.00	25.82 -2.27 0.26	25.88 -2.25 -0.01	25.61 -1.99 -0.38	28.37 -2.24 -2.24	32.05 -1.77 -5.33	29.03 -1.51 -2.04	26.85 -1.96 -1.18	25.59 -1.62 -0.59	22.05 -1.52 -0.92	20.26 -1.37 -0.90	18.71 -1.10 -1.16
DUNKIRK___3 23565	21.77 -1.32 0.00	19.48 -1.07 0.00	18.86 -0.95 0.00	17.66 -1.19 -0.31	18.91 -1.20 -0.10	22.49 -1.16 0.00	27.71 -1.68 -0.92	26.99 -2.15 -1.89	26.95 -2.33 0.19	25.95 -2.24 0.10	26.79 -2.15 -0.65	25.73 -2.21 0.39	26.03 -2.26 0.00	25.79 -2.30 0.26	25.88 -2.25 -0.01	25.61 -1.99 -0.38	28.35 -2.27 -2.24	32.01 -1.82 -5.34	29.00 -1.54 -2.05	26.80 -2.02 -1.18	25.54 -1.68 -0.59	22.00 -1.56 -0.92	20.24 -1.39 -0.90	18.67 -1.14 -1.17
DUNKIRK___4 23566	21.71 -1.39 0.00	19.44 -1.11 0.00	18.82 -0.99 0.00	17.64 -1.21 -0.30	18.89 -1.22 -0.10	22.44 -1.21 0.00	27.64 -1.74 -0.91	26.91 -2.21 -1.86	26.89 -2.39 0.20	25.89 -2.29 0.11	26.78 -2.15 -0.64	25.66 -2.27 0.39	25.94 -2.35 0.01	25.73 -2.35 0.27	25.79 -2.33 -0.01	25.52 -2.07 -0.38	28.23 -2.36 -2.21	31.87 -1.88 -5.26	28.89 -1.62 -2.01	26.72 -2.07 -1.16	25.47 -1.73 -0.58	21.95 -1.61 -0.91	20.19 -1.43 -0.89	18.62 -1.17 -1.15
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	24.31 1.22 0.00	21.68 1.13 0.00	20.88 1.07 0.00	20.66 1.02 -1.10	21.52 1.14 -0.38	25.04 1.40 0.00	33.45 1.85 -3.14	36.13 1.94 -6.94	33.72 2.09 -2.15	33.66 2.09 -3.27	34.30 2.04 -3.97	33.54 2.04 -3.17	31.58 2.04 -1.25	31.36 2.10 -0.91	31.83 2.08 -1.63	32.89 1.96 -3.72	38.82 2.21 -8.23	50.46 2.34 -19.63	38.26 2.25 -7.51	34.03 2.07 -4.33	30.69 1.92 -2.15	27.34 1.56 -3.13	25.20 1.41 -3.06	23.75 1.14 -3.97
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	24.15 1.06 0.00	21.52 0.97 0.00	20.72 0.91 0.00	20.46 0.85 -1.06	21.35 0.98 -0.36	24.83 1.18 0.00	33.06 1.57 -3.03	35.54 1.58 -6.70	33.26 1.71 -2.08	33.12 1.67 -3.16	33.73 1.61 -3.83	32.97 1.59 -3.06	31.08 1.58 -1.21	30.88 1.64 -0.88	31.32 1.63 -1.57	32.38 1.58 -3.59	38.14 1.82 -7.95	49.40 1.94 -18.97	37.61 1.85 -7.26	33.53 1.71 -4.18	30.30 1.60 -2.07	26.96 1.29 -3.02	24.83 1.14 -2.96	23.39 0.91 -3.84
E179THST_138_KV_TB4_REV_LBMP_J 345001	24.45 1.36 0.00	21.84 1.29 0.00	21.00 1.19 0.00	20.79 1.15 -1.10	21.64 1.26 -0.38	24.92 1.28 0.00	33.28 1.68 -3.14	36.02 1.83 -6.94	33.66 2.03 -2.15	33.63 2.07 -3.27	34.24 1.98 -3.97	33.51 2.01 -3.17	31.58 2.04 -1.25	31.33 2.07 -0.91	31.80 2.05 -1.63	32.84 1.90 -3.72	38.82 2.21 -8.23	50.46 2.34 -19.63	38.20 2.19 -7.51	33.98 2.02 -4.33	30.61 1.84 -2.15	27.25 1.47 -3.13	25.10 1.31 -3.06	23.81 1.19 -3.97
E179THST_13_KV_LOAD 356214	24.52 1.43 0.00	21.91 1.36 0.00	21.08 1.27 0.00	20.85 1.21 -1.10	21.70 1.32 -0.38	24.99 1.35 0.00	33.40 1.79 -3.14	36.13 1.94 -6.94	33.77 2.15 -2.15	33.77 2.21 -3.27	34.35 2.09 -3.97	33.65 2.15 -3.17	31.69 2.15 -1.25	31.45 2.18 -0.91	31.92 2.17 -1.63	32.95 2.01 -3.72	38.93 2.33 -8.23	50.60 2.48 -19.63	38.34 2.34 -7.51	34.11 2.16 -4.33	30.71 1.94 -2.15	27.34 1.56 -3.13	25.18 1.39 -3.06	23.87 1.25 -3.97

EAST HAMPTON___GT 23717	30.27 1.92 -5.26	28.45 1.91 -5.99	27.80 1.82 -6.17	26.84 1.74 -6.55	28.51 1.84 -6.67	32.32 2.48 -6.19	34.87 3.27 -3.13	37.38 3.19 -6.93	36.00 3.51 -3.02	34.84 3.28 -3.27	35.48 3.22 -3.96	35.85 3.23 -4.30	35.11 3.22 -3.59	33.91 3.40 -2.16	34.35 3.37 -2.86	36.48 3.32 -5.96	51.75 3.66 -19.71	64.53 3.93 -32.10	50.88 3.76 -18.63	43.02 3.51 -11.88	38.81 3.35 -8.83	33.29 2.51 -8.13	28.84 2.47 -5.64	24.72 2.11 -3.97
EAST RIVER___6 23660	24.41 1.32 0.00	21.78 1.23 0.00	20.98 1.17 0.00	20.76 1.11 -1.10	21.62 1.24 -0.38	25.06 1.42 0.00	33.25 1.94 -2.85	36.04 2.13 -6.66	33.67 2.33 -1.87	33.78 2.32 -3.17	34.50 2.23 -3.97	33.76 2.27 -3.17	31.81 2.26 -1.25	31.56 2.30 -0.91	32.03 2.28 -1.63	33.06 2.12 -3.72	38.83 2.47 -7.98	50.52 2.59 -19.43	38.29 2.48 -7.32	34.20 2.29 -4.28	30.82 2.05 -2.15	27.43 1.65 -3.13	25.28 1.49 -3.06	23.83 1.21 -3.97
EAST RIVER___7 23524	24.41 1.32 0.00	21.78 1.23 0.00	20.98 1.17 0.00	20.76 1.11 -1.10	21.62 1.24 -0.38	25.06 1.42 0.00	33.25 1.94 -2.85	36.04 2.13 -6.66	33.67 2.33 -1.87	33.78 2.32 -3.17	34.50 2.23 -3.97	33.76 2.27 -3.17	31.81 2.26 -1.25	31.56 2.30 -0.91	32.03 2.28 -1.63	33.06 2.12 -3.72	38.83 2.47 -7.98	50.52 2.59 -19.43	38.29 2.48 -7.32	34.20 2.29 -4.28	30.82 2.05 -2.15	27.43 1.65 -3.13	25.28 1.49 -3.06	23.83 1.21 -3.97
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	24.29 1.20 0.00	21.64 1.09 0.00	20.84 1.03 0.00	20.64 1.00 -1.10	21.50 1.12 -0.38	24.99 1.35 0.00	33.39 1.79 -3.13	36.05 1.88 -6.92	33.65 2.03 -2.15	33.57 2.01 -3.26	34.20 1.95 -3.96	33.47 1.98 -3.17	31.52 1.98 -1.25	31.27 2.01 -0.91	31.74 2.00 -1.62	32.83 1.90 -3.71	38.71 2.13 -8.21	50.32 2.25 -19.58	38.15 2.17 -7.49	33.97 2.02 -4.32	30.63 1.86 -2.14	27.26 1.49 -3.12	25.15 1.37 -3.05	23.71 1.10 -3.96
EAST_HAMPTON___DIESEL 23722	30.27 1.92 -5.26	28.45 1.91 -5.99	27.80 1.82 -6.17	26.84 1.74 -6.55	28.51 1.84 -6.67	32.32 2.48 -6.19	34.87 3.27 -3.13	37.38 3.19 -6.93	36.03 3.53 -3.02	34.84 3.28 -3.27	35.48 3.22 -3.96	35.85 3.23 -4.30	35.11 3.22 -3.59	33.91 3.40 -2.16	34.35 3.37 -2.86	36.51 3.35 -5.96	51.75 3.66 -19.71	64.53 3.93 -32.10	50.88 3.76 -18.63	43.02 3.51 -11.88	38.81 3.35 -8.83	33.31 2.54 -8.13	28.84 2.47 -5.64	24.74 2.12 -3.97
EAST_PULASKI___ESR 323781	22.88 -0.21 0.00	20.36 -0.18 0.00	19.65 -0.16 0.00	18.56 -0.17 -0.18	19.91 -0.16 -0.06	23.48 -0.17 0.00	28.91 -0.09 -0.53	28.19 -0.25 -1.18	29.43 -0.41 -0.37	28.43 -0.42 -0.56	28.61 -0.37 -0.68	28.44 -0.42 -0.55	28.03 -0.48 -0.21	28.05 -0.45 -0.16	27.92 -0.48 -0.28	27.39 -0.46 -0.64	29.35 -0.43 -1.40	31.61 -0.23 -3.34	29.52 -0.26 -1.28	28.01 -0.36 -0.74	26.67 -0.32 -0.37	22.97 -0.20 -0.53	20.94 -0.17 -0.38	19.21 -0.11 -0.68
EAST_RIVER___1 323558	24.41 1.32 0.00	21.76 1.21 0.00	20.96 1.15 0.00	20.74 1.09 -1.10	21.60 1.22 -0.38	25.09 1.44 0.00	33.25 1.94 -2.85	36.01 2.10 -6.66	33.61 2.27 -1.87	33.73 2.26 -3.17	34.44 2.18 -3.97	33.71 2.21 -3.17	31.75 2.21 -1.25	31.50 2.24 -0.91	31.97 2.22 -1.63	33.00 2.07 -3.72	38.75 2.38 -7.98	50.44 2.51 -19.43	38.21 2.39 -7.32	34.15 2.24 -4.28	30.79 2.02 -2.15	27.41 1.63 -3.13	25.24 1.45 -3.06	23.79 1.18 -3.97
EAST_RIVER___2 323559	24.41 1.32 0.00	21.78 1.23 0.00	20.98 1.17 0.00	20.76 1.11 -1.10	21.62 1.24 -0.38	25.06 1.42 0.00	33.25 1.94 -2.85	36.04 2.13 -6.66	33.67 2.33 -1.87	33.78 2.32 -3.17	34.50 2.23 -3.97	33.76 2.27 -3.17	31.81 2.26 -1.25	31.56 2.30 -0.91	32.03 2.28 -1.63	33.06 2.12 -3.72	38.83 2.47 -7.98	50.52 2.59 -19.43	38.29 2.48 -7.32	34.20 2.29 -4.28	30.82 2.05 -2.15	27.43 1.65 -3.13	25.28 1.49 -3.06	23.83 1.21 -3.97
EAST___DELAWARE_HYD 23607	24.36 1.27 0.00	21.70 1.15 0.00	20.90 1.09 0.00	20.54 1.02 -0.97	21.52 1.18 -0.33	25.02 1.37 0.00	33.09 1.85 -2.78	35.25 1.85 -6.14	33.20 1.86 -1.87	32.92 1.78 -2.84	33.41 1.67 -3.44	32.75 1.67 -2.76	31.02 1.64 -1.08	30.90 1.76 -0.79	31.25 1.72 -1.41	32.10 1.66 -3.23	37.56 1.90 -7.28	47.93 2.05 -17.38	37.11 1.96 -6.65	33.31 1.85 -3.83	30.20 1.68 -1.90	26.89 1.47 -2.77	24.72 1.29 -2.71	23.20 1.04 -3.51
EIGHT_POINT___WT_PWR 323820	22.33 -0.76 0.00	19.89 -0.66 0.00	19.22 -0.59 0.00	18.11 -0.78 -0.35	19.38 -0.74 -0.12	23.03 -0.61 0.00	28.64 -0.85 -1.03	28.44 -1.04 -2.22	27.53 -1.24 0.70	26.12 -1.30 0.88	27.04 -1.36 -0.11	25.76 -1.30 1.26	26.61 -1.44 0.24	26.39 -1.42 0.54	26.27 -1.49 0.37	25.63 -1.31 0.28	29.68 -1.33 -2.63	33.80 -0.97 -6.28	30.19 -0.71 -2.40	27.97 -1.05 -1.39	26.49 -0.83 -0.69	22.78 -0.88 -1.02	20.88 -0.85 -1.00	19.27 -0.67 -1.29
ELBRIDGE_115KV_TB2 80188	22.88 -0.21 0.00	20.38 -0.16 0.00	19.65 -0.16 0.00	18.61 -0.17 -0.23	19.94 -0.14 -0.08	23.46 -0.19 0.00	28.95 -0.20 -0.68	28.42 -0.35 -1.51	29.53 -0.44 -0.50	28.59 -0.45 -0.75	28.80 -0.37 -0.88	28.67 -0.40 -0.74	28.13 -0.45 -0.29	28.15 -0.43 -0.22	28.04 -0.45 -0.37	27.63 -0.41 -0.83	29.78 -0.40 -1.80	32.55 -0.23 -4.28	29.88 -0.26 -1.64	28.19 -0.39 -0.94	26.77 -0.32 -0.47	23.10 -0.23 -0.68	21.21 -0.19 -0.67	19.38 -0.13 -0.87
ELEC_TRO_TEK 24086	29.92 1.57 -5.26	27.95 1.42 -5.99	27.33 1.35 -6.17	26.38 1.28 -6.55	28.11 1.44 -6.67	31.57 1.73 -6.19	33.82 2.22 -3.13	36.48 2.29 -6.93	35.06 2.56 -3.02	34.08 2.52 -3.27	34.75 2.49 -3.96	35.12 2.49 -4.30	34.38 2.49 -3.59	33.06 2.55 -2.16	33.51 2.53 -2.86	35.56 2.39 -5.96	50.75 2.67 -19.71	63.39 2.79 -32.10	49.83 2.71 -18.63	42.02 2.51 -11.88	37.82 2.37 -8.83	32.66 1.88 -8.13	25.57 1.78 -3.06	24.11 1.49 -3.97
ELLENBURG_WT_PWR 323604	23.32 0.23 0.00	20.57 0.02 0.00	19.75 -0.06 0.00	18.36 -0.19 0.00	19.62 -0.38 0.00	23.27 -0.38 0.00	27.90 -0.57 0.00	26.58 -0.68 0.00	28.97 -0.50 0.00	28.15 -0.14 0.00	28.44 0.14 0.00	28.63 0.31 0.00	28.64 0.34 0.00	28.61 0.25 0.00	28.18 0.06 0.00	27.05 -0.16 0.00	27.98 -0.40 0.00	27.70 -0.80 0.00	27.61 -0.88 0.00	26.91 -0.72 0.00	25.77 -0.85 0.00	21.72 -0.93 0.00	16.83 -1.06 2.84	0.18 -0.95 17.51
ELM_ST_23_KV_LD_REV_LBMP_A 345012	21.52 -1.57 0.00	19.30 -1.25 0.00	18.70 -1.11 0.00	17.56 -1.28 -0.30	18.80 -1.30 -0.10	22.25 -1.40 0.00	27.40 -1.96 -0.90	26.62 -2.45 -1.81	26.59 -2.68 0.20	25.58 -2.60 0.11	26.53 -2.41 -0.64	25.38 -2.55 0.40	25.66 -2.63 0.01	25.44 -2.64 0.27	25.51 -2.62 -0.01	25.16 -2.42 -0.38	27.83 -2.70 -2.15	31.39 -2.22 -5.12	28.55 -1.91 -1.96	26.42 -2.35 -1.13	25.22 -1.97 -0.57	21.75 -1.79 -0.89	20.03 -1.58 -0.87	18.51 -1.27 -1.13
EMPIRE_CC_1 323656	23.71 0.62 0.00	21.17 0.62 0.00	20.43 0.61 0.00	20.47 0.61 -1.32	21.11 0.66 -0.45	24.45 0.80 0.00	33.18 0.97 -3.74	36.55 1.01 -8.28	33.08 1.03 -2.57	33.20 0.99 -3.91	34.06 1.02 -4.74	33.14 1.02 -3.80	30.81 1.02 -1.49	30.46 1.02 -1.09	31.08 1.01 -1.95	32.67 1.01 -4.45	39.20 0.99 -9.82	52.91 0.97 -23.44	38.49 1.02 -8.97	33.82 1.02 -5.17	30.17 0.99 -2.56	27.13 0.75 -3.74	25.11 0.73 -3.65	24.00 0.61 -4.74

EMPIRE_CC_2 323658	23.71 0.62 0.00	21.17 0.62 0.00	20.43 0.61 0.00	20.47 0.61 -1.32	21.11 0.66 -0.45	24.45 0.80 0.00	33.18 0.97 -3.74	36.55 1.01 -8.28	33.08 1.03 -2.57	33.20 0.99 -3.91	34.06 1.02 -4.74	33.14 1.02 -3.80	30.81 1.02 -1.49	30.46 1.02 -1.09	31.08 1.01 -1.95	32.67 1.01 -4.45	39.20 0.99 -9.82	52.91 0.97 -23.44	38.49 1.02 -8.97	33.82 1.02 -5.17	30.17 0.99 -2.56	27.13 0.75 -3.74	25.11 0.73 -3.65	24.00 0.61 -4.74
ENORWICH_115KV_TB1 80156	24.73 1.64 0.00	21.93 1.38 0.00	21.14 1.33 0.00	20.13 1.15 -0.44	21.39 1.24 -0.15	25.28 1.63 0.00	32.09 2.36 -1.26	32.18 2.15 -2.77	33.07 2.03 -1.57	32.43 1.84 -2.29	32.55 1.98 -2.27	32.66 1.93 -2.41	31.00 1.87 -0.84	31.05 1.93 -0.77	31.09 1.86 -1.11	31.47 1.96 -2.30	33.74 2.07 -3.29	38.88 2.54 -7.85	33.95 2.45 -3.00	31.49 2.13 -1.73	29.48 2.00 -0.86	25.53 1.63 -1.26	23.31 1.35 -1.23	21.44 1.19 -1.60
ERIE_ST__34_KV_TB1-2 80199	21.77 -1.32 0.00	19.48 -1.07 0.00	18.86 -0.95 0.00	17.47 -1.37 -0.30	18.69 -1.42 -0.10	22.49 -1.16 0.00	27.38 -1.99 -0.91	26.77 -2.34 -1.85	26.86 -2.42 0.19	26.02 -2.18 0.10	26.62 -2.32 -0.65	25.76 -2.18 0.38	26.00 -2.29 0.00	25.76 -2.32 0.26	25.88 -2.25 -0.01	25.69 -1.90 -0.39	28.08 -2.50 -2.20	31.65 -2.08 -5.24	28.65 -1.85 -2.01	26.52 -2.27 -1.16	25.31 -1.89 -0.58	21.74 -1.81 -0.91	20.00 -1.62 -0.89	18.43 -1.36 -1.15
ERIE_WT_PWR 323693	21.71 -1.38 0.00	19.44 -1.11 0.00	18.82 -0.99 0.00	17.62 -1.22 -0.30	18.87 -1.24 -0.10	22.44 -1.21 0.00	27.55 -1.82 -0.90	26.94 -2.15 -1.84	26.74 -2.53 0.20	25.72 -2.46 0.11	26.36 -2.57 -0.64	25.49 -2.44 0.39	25.74 -2.55 0.01	25.56 -2.52 0.27	25.57 -2.56 -0.01	25.22 -2.37 -0.38	28.04 -2.53 -2.18	31.64 -2.05 -5.20	28.72 -1.77 -1.99	26.57 -2.21 -1.15	25.33 -1.86 -0.57	21.84 -1.70 -0.90	20.11 -1.49 -0.88	18.57 -1.21 -1.14
ESPRGFLD_115KV_TB1 80157	23.83 0.74 0.00	21.21 0.66 0.00	20.46 0.65 0.00	19.02 0.59 0.12	20.66 0.70 0.04	24.59 0.95 0.00	29.58 1.45 0.34	27.92 1.42 0.76	30.75 1.50 0.22	29.34 1.39 0.34	29.33 1.44 0.41	29.35 1.36 0.33	29.47 1.30 0.13	29.56 1.30 0.09	29.19 1.24 0.17	28.05 1.22 0.39	28.76 1.28 0.90	27.89 1.54 2.14	29.21 1.54 0.82	28.49 1.33 0.47	27.61 1.22 0.23	23.23 0.93 0.34	21.10 0.70 0.33	18.77 0.56 0.43
ETNA_115_KV_TB1_REV_LBMP_C 345029	23.46 0.37 0.00	20.88 0.33 0.00	20.13 0.32 0.00	19.14 0.24 -0.35	20.42 0.30 -0.12	24.10 0.45 0.00	30.12 0.63 -1.03	29.97 0.46 -2.25	32.06 0.41 -2.18	31.73 0.34 -3.10	31.23 0.40 -2.54	32.12 0.37 -3.43	29.67 0.28 -1.09	29.84 0.31 -1.18	29.90 0.31 -1.47	30.36 0.38 -2.77	31.45 0.40 -2.67	35.53 0.66 -6.38	31.59 0.66 -2.44	29.48 0.44 -1.41	27.77 0.45 -0.70	24.03 0.36 -1.02	22.04 0.31 -1.00	20.24 0.30 -1.30
ETNA_____115KV_TB2 80207	23.46 0.37 0.00	20.88 0.33 0.00	20.13 0.32 0.00	19.14 0.24 -0.35	20.42 0.30 -0.12	24.10 0.45 0.00	30.12 0.63 -1.03	29.97 0.46 -2.25	32.06 0.41 -2.18	31.73 0.34 -3.10	31.23 0.40 -2.54	32.12 0.37 -3.43	29.67 0.28 -1.09	29.84 0.31 -1.18	29.90 0.31 -1.47	30.36 0.38 -2.77	31.45 0.40 -2.67	35.53 0.66 -6.38	31.59 0.66 -2.44	29.48 0.44 -1.41	27.77 0.45 -0.70	24.03 0.36 -1.02	22.04 0.31 -1.00	20.24 0.30 -1.30
EUCLID__115KV_TB2 356179	22.74 -0.35 0.00	20.26 -0.29 0.00	19.53 -0.28 0.00	18.49 -0.26 -0.21	19.81 -0.26 -0.07	23.32 -0.33 0.00	28.71 -0.37 -0.61	28.09 -0.52 -1.36	29.28 -0.62 -0.43	28.32 -0.62 -0.65	28.54 -0.54 -0.78	28.38 -0.57 -0.63	27.92 -0.62 -0.25	27.94 -0.60 -0.18	27.85 -0.59 -0.32	27.37 -0.57 -0.74	29.42 -0.57 -1.61	31.91 -0.43 -3.84	29.51 -0.46 -1.47	27.93 -0.55 -0.85	26.54 -0.51 -0.42	22.92 -0.34 -0.61	21.06 -0.27 -0.60	19.22 -0.21 -0.78
E_CANADA_CAP_HY 24051	23.83 0.74 0.00	21.23 0.68 0.00	20.44 0.63 0.00	20.91 0.61 -1.76	21.36 0.76 -0.60	24.69 1.04 0.00	35.03 1.56 -5.00	39.90 1.58 -11.07	34.60 1.68 -3.45	35.03 1.50 -5.24	36.15 1.50 -6.36	34.85 1.44 -5.09	31.65 1.36 -2.00	31.12 1.30 -1.46	32.02 1.29 -2.61	34.37 1.20 -5.97	42.78 1.28 -13.13	61.38 1.57 -31.32	42.05 1.57 -11.99	35.89 1.35 -6.91	31.38 1.33 -3.43	28.59 0.95 -4.99	26.32 0.71 -4.88	25.50 0.52 -6.33
E_CANADA_MHWK_HY 24050	23.67 0.58 0.00	21.04 0.49 0.00	20.25 0.44 0.00	18.96 0.39 -0.03	20.43 0.42 -0.01	24.17 0.52 0.00	29.25 0.71 -0.07	28.09 0.68 -0.15	30.08 0.56 -0.05	28.93 0.57 -0.07	29.04 0.65 -0.09	29.13 0.74 -0.07	29.14 0.82 -0.03	29.25 0.88 -0.02	28.97 0.82 -0.04	28.00 0.71 -0.08	29.27 0.71 -0.18	29.70 0.77 -0.43	29.43 0.77 -0.17	28.42 0.69 -0.10	27.36 0.69 -0.05	23.47 0.75 -0.08	21.67 0.71 -0.24	19.38 0.63 -0.10
E_FISHKILL__LBMP 23776	24.13 1.04 0.00	21.54 0.99 0.00	20.74 0.93 0.00	20.56 0.89 -1.13	21.39 1.00 -0.39	24.85 1.21 0.00	33.27 1.59 -3.21	36.02 1.66 -7.10	33.47 1.80 -2.20	33.42 1.78 -3.35	34.11 1.75 -4.06	33.33 1.76 -3.25	31.33 1.75 -1.28	31.07 1.79 -0.93	31.56 1.77 -1.67	32.73 1.71 -3.81	38.70 1.90 -8.42	50.58 1.99 -20.09	38.12 1.94 -7.69	33.86 1.80 -4.43	30.50 1.68 -2.20	27.19 1.34 -3.20	25.07 1.20 -3.13	23.70 0.99 -4.06
FALCON__SEABRD_CC1 323796	23.58 0.49 0.00	20.80 0.25 0.00	19.95 0.14 0.00	18.54 0.00 0.00	19.82 -0.18 0.00	23.51 -0.14 0.00	28.21 -0.26 0.00	26.87 -0.38 0.00	29.32 -0.15 0.00	28.47 0.17 0.00	28.75 0.45 0.00	28.95 0.62 0.00	28.97 0.68 0.00	28.89 0.54 0.00	28.46 0.34 0.00	27.32 0.11 0.00	28.27 -0.11 0.00	28.01 -0.48 0.00	27.95 -0.54 0.00	27.22 -0.41 0.00	26.04 -0.59 0.00	21.94 -0.70 0.00	17.05 -0.85 2.83	0.19 -0.78 17.67
FALCON__SEABRD_CC2 323797	23.58 0.49 0.00	20.80 0.25 0.00	19.95 0.14 0.00	18.54 0.00 0.00	19.82 -0.18 0.00	23.51 -0.14 0.00	28.21 -0.26 0.00	26.87 -0.38 0.00	29.32 -0.15 0.00	28.47 0.17 0.00	28.75 0.45 0.00	28.95 0.62 0.00	28.97 0.68 0.00	28.89 0.54 0.00	28.46 0.34 0.00	27.32 0.11 0.00	28.27 -0.11 0.00	28.01 -0.48 0.00	27.95 -0.54 0.00	27.22 -0.41 0.00	26.04 -0.59 0.00	21.94 -0.70 0.00	17.05 -0.85 2.83	0.19 -0.78 17.67
FAR ROCKAWAY__4 23548	30.29 1.94 -5.26	28.26 1.73 -5.99	27.63 1.64 -6.17	26.64 1.54 -6.55	28.39 1.72 -6.67	31.92 2.08 -6.19	34.31 2.70 -3.13	36.94 2.75 -6.93	35.47 2.98 -3.02	34.51 2.94 -3.27	35.17 2.91 -3.96	35.57 2.95 -4.30	34.83 2.94 -3.59	33.43 2.92 -2.16	33.90 2.92 -2.86	35.97 2.80 -5.96	51.04 2.95 -19.71	63.71 3.11 -32.10	50.14 3.02 -18.63	42.33 2.82 -11.88	38.22 2.77 -8.83	33.07 2.29 -8.13	25.97 2.18 -3.06	24.44 1.83 -3.97
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	24.43 1.34 0.00	21.76 1.21 0.00	20.96 1.15 0.00	20.74 1.09 -1.10	21.60 1.22 -0.38	25.09 1.44 0.00	33.54 1.94 -3.14	36.26 2.07 -6.93	33.92 2.30 -2.15	33.83 2.26 -3.27	34.44 2.18 -3.97	33.71 2.21 -3.17	31.78 2.24 -1.25	31.53 2.27 -0.91	32.00 2.25 -1.63	33.05 2.12 -3.72	38.99 2.38 -8.23	50.63 2.51 -19.63	38.40 2.39 -7.51	34.20 2.24 -4.33	30.79 2.02 -2.15	27.41 1.63 -3.13	25.26 1.47 -3.06	23.79 1.17 -3.97

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	24.43 1.34 0.00	21.78 1.23 0.00	20.96 1.15 0.00	20.74 1.09 -1.10	21.60 1.22 -0.38	25.11 1.47 0.00	33.54 1.94 -3.14	36.26 2.07 -6.93	33.89 2.27 -2.15	33.83 2.26 -3.27	34.44 2.18 -3.97	33.71 2.21 -3.17	31.78 2.24 -1.25	31.53 2.27 -0.91	32.00 2.25 -1.63	33.05 2.12 -3.72	38.99 2.38 -8.23	50.66 2.54 -19.63	38.43 2.42 -7.51	34.20 2.24 -4.33	30.79 2.02 -2.15	27.43 1.65 -3.13	25.26 1.47 -3.06	23.81 1.19 -3.97
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	24.41 1.32 0.00	21.76 1.21 0.00	20.94 1.13 0.00	20.74 1.09 -1.10	21.60 1.22 -0.38	25.09 1.44 0.00	33.54 1.94 -3.14	36.26 2.07 -6.93	33.86 2.24 -2.15	33.83 2.26 -3.27	34.44 2.18 -3.97	33.71 2.21 -3.17	31.75 2.21 -1.25	31.50 2.24 -0.91	31.97 2.22 -1.63	33.03 2.10 -3.72	38.96 2.36 -8.23	50.63 2.51 -19.63	38.40 2.39 -7.51	34.17 2.21 -4.33	30.79 2.02 -2.15	27.41 1.63 -3.13	25.24 1.45 -3.06	23.79 1.17 -3.97
FARRAGUT___LBMP 323566	24.41 1.32 0.00	21.74 1.19 0.00	20.94 1.13 0.00	20.72 1.08 -1.10	21.58 1.20 -0.38	25.07 1.42 0.00	33.51 1.91 -3.14	36.23 2.04 -6.93	33.86 2.24 -2.15	33.80 2.24 -3.27	34.41 2.15 -3.97	33.68 2.18 -3.17	31.72 2.18 -1.25	31.50 2.24 -0.91	31.97 2.22 -1.63	33.00 2.07 -3.72	38.96 2.36 -8.23	50.60 2.48 -19.63	38.37 2.37 -7.51	34.17 2.21 -4.33	30.77 2.00 -2.15	27.38 1.61 -3.13	25.24 1.45 -3.06	23.77 1.16 -3.97
FENNER___WINDPWR 24204	23.55 0.46 0.00	20.96 0.41 0.00	20.21 0.40 0.00	19.11 0.35 -0.22	20.48 0.40 -0.07	24.17 0.52 0.00	29.97 0.91 -0.59	29.41 0.85 -1.31	30.92 0.76 -0.68	29.95 0.65 -1.00	29.99 0.71 -0.99	30.08 0.71 -1.05	29.34 0.68 -0.36	29.40 0.71 -0.34	29.28 0.67 -0.49	28.89 0.68 -1.00	30.61 0.68 -1.55	33.05 0.85 -3.70	30.74 0.83 -1.42	29.14 0.69 -0.82	27.67 0.64 -0.40	23.72 0.45 -0.62	21.71 0.37 -0.61	19.79 0.35 -0.79
FIBERTEK___ENERGY 23856	23.02 -0.07 0.00	20.49 -0.06 0.00	19.77 -0.04 0.00	18.72 -0.06 -0.23	20.04 -0.04 -0.08	23.60 -0.05 0.00	29.10 -0.03 -0.66	28.56 -0.16 -1.47	29.64 -0.29 -0.46	28.71 -0.28 -0.70	28.94 -0.20 -0.85	28.78 -0.23 -0.68	28.28 -0.28 -0.27	28.29 -0.26 -0.20	28.19 -0.28 -0.35	27.76 -0.24 -0.80	29.86 -0.26 -1.74	32.56 -0.09 -4.15	29.97 -0.11 -1.59	28.30 -0.25 -0.91	26.86 -0.21 -0.45	23.22 -0.09 -0.66	21.31 -0.06 -0.65	19.47 -0.02 -0.84
FITZPATRICK____ 23598	22.47 -0.62 0.00	20.00 -0.55 0.00	19.28 -0.53 0.00	18.21 -0.50 -0.17	19.54 -0.52 -0.06	22.98 -0.66 0.00	28.15 -0.80 -0.48	27.39 -0.93 -1.06	28.71 -1.09 -0.33	27.72 -1.08 -0.50	27.86 -1.05 -0.61	27.76 -1.05 -0.49	27.41 -1.08 -0.19	27.44 -1.05 -0.14	27.33 -1.04 -0.25	26.80 -0.98 -0.57	28.61 -1.02 -1.25	30.55 -0.94 -2.99	28.70 -0.94 -1.14	27.30 -0.99 -0.66	26.05 -0.91 -0.33	22.44 -0.68 -0.47	20.63 -0.56 -0.46	18.78 -0.47 -0.60
FLOWRFLD_69_KV_BK1 356044	29.99 1.64 -5.26	28.10 1.56 -5.99	27.45 1.47 -6.17	26.51 1.41 -6.55	28.21 1.54 -6.67	31.73 1.89 -6.19	34.02 2.42 -3.13	36.64 2.45 -6.93	35.38 2.89 -3.02	34.34 2.77 -3.27	34.98 2.72 -3.96	35.34 2.72 -4.30	34.63 2.74 -3.59	33.35 2.84 -2.16	33.82 2.84 -2.86	35.89 2.72 -5.96	51.09 3.01 -19.71	63.82 3.22 -32.10	50.23 3.11 -18.63	42.38 2.87 -11.88	38.14 2.69 -8.83	32.77 1.99 -8.13	25.84 2.05 -3.06	24.35 1.73 -3.97
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	24.36 1.27 0.00	21.72 1.17 0.00	20.92 1.11 0.00	20.69 1.04 -1.10	21.58 1.20 -0.38	25.07 1.42 0.00	33.49 1.88 -3.14	36.09 1.88 -6.96	33.69 2.06 -2.16	33.61 2.04 -3.28	34.23 1.95 -3.98	33.43 1.93 -3.18	31.42 1.87 -1.25	31.22 1.96 -0.91	31.70 1.94 -1.63	32.85 1.90 -3.74	38.79 2.16 -8.25	50.46 2.28 -19.69	38.20 2.17 -7.54	34.02 2.04 -4.34	30.67 1.89 -2.15	27.28 1.49 -3.14	25.11 1.31 -3.07	23.71 1.08 -3.98
FORT ORANGE____ 23900	23.74 0.65 0.00	21.21 0.66 0.00	20.46 0.65 0.00	20.49 0.59 -1.36	21.15 0.68 -0.47	24.45 0.80 0.00	33.35 1.02 -3.86	36.86 1.06 -8.55	33.25 1.12 -2.65	33.35 1.02 -4.03	34.21 1.02 -4.89	33.23 0.99 -3.92	30.83 0.99 -1.54	30.47 0.99 -1.12	31.11 0.98 -2.01	32.81 1.01 -4.59	39.57 1.05 -10.14	53.79 1.11 -24.19	38.89 1.14 -9.26	34.04 1.08 -5.33	30.31 1.04 -2.65	27.25 0.75 -3.86	25.15 0.64 -3.77	24.06 0.52 -4.89
FORT_DRUM_COGEN 23780	23.39 0.30 0.00	20.75 0.21 0.00	20.03 0.22 0.00	18.87 0.19 -0.14	20.25 0.20 -0.05	23.95 0.31 0.00	29.58 0.71 -0.40	28.74 0.60 -0.89	30.19 0.44 -0.28	29.03 0.31 -0.42	29.18 0.37 -0.51	28.96 0.23 -0.41	28.65 0.20 -0.16	28.70 0.23 -0.12	28.47 0.14 -0.21	27.88 0.19 -0.48	29.69 0.26 -1.05	31.60 0.60 -2.51	30.05 0.60 -0.96	28.71 0.52 -0.55	27.32 0.43 -0.27	23.38 0.34 -0.40	20.88 0.21 0.06	19.94 0.19 -1.11
FOX_HILLS___ESR 323835	24.59 1.50 0.00	21.91 1.36 0.00	21.08 1.27 0.00	20.85 1.21 -1.10	21.70 1.32 -0.38	25.11 1.47 0.00	33.51 1.91 -3.14	36.15 1.96 -6.94	33.80 2.18 -2.15	33.83 2.26 -3.27	34.38 2.12 -3.97	33.71 2.21 -3.17	31.78 2.24 -1.25	31.53 2.27 -0.91	32.00 2.25 -1.63	33.03 2.10 -3.72	39.02 2.41 -8.23	50.69 2.56 -19.63	38.43 2.42 -7.51	34.20 2.24 -4.33	30.82 2.05 -2.15	27.45 1.68 -3.13	25.28 1.49 -3.06	23.90 1.29 -3.97
FPL_FAR_ROCK_GT1 24212	30.29 1.94 -5.26	28.26 1.73 -5.99	27.62 1.64 -6.17	26.63 1.54 -6.55	28.39 1.72 -6.67	31.92 2.08 -6.19	34.31 2.71 -3.13	37.00 2.81 -6.93	35.50 3.01 -3.02	34.51 2.94 -3.27	35.15 2.89 -3.96	35.57 2.95 -4.30	34.80 2.91 -3.59	33.43 2.92 -2.16	33.87 2.90 -2.86	35.91 2.75 -5.96	51.04 2.95 -19.71	63.71 3.11 -32.10	50.14 3.02 -18.63	42.33 2.82 -11.88	38.22 2.77 -8.83	33.06 2.29 -8.13	28.55 2.18 -5.64	24.44 1.83 -3.97
FPL_FAR_ROCK_GT2 23815	30.29 1.94 -5.26	28.26 1.73 -5.99	27.62 1.64 -6.17	26.63 1.54 -6.55	28.39 1.72 -6.67	31.92 2.08 -6.19	34.31 2.71 -3.13	37.00 2.81 -6.93	35.50 3.01 -3.02	34.51 2.94 -3.27	35.15 2.89 -3.96	35.57 2.95 -4.30	34.80 2.91 -3.59	33.43 2.92 -2.16	33.87 2.90 -2.86	35.91 2.75 -5.96	51.04 2.95 -19.71	63.71 3.11 -32.10	50.14 3.02 -18.63	42.33 2.82 -11.88	38.22 2.77 -8.83	33.06 2.29 -8.13	28.55 2.18 -5.64	24.44 1.83 -3.97
FRANKLIN_FALL_HYD 24054	23.44 0.35 0.00	20.69 0.14 0.00	19.87 0.06 0.00	18.51 -0.04 0.00	19.80 -0.20 0.00	23.53 -0.12 0.00	28.30 -0.17 0.00	27.04 -0.22 0.00	29.38 -0.09 0.00	28.46 0.17 0.00	28.63 0.34 0.00	28.80 0.48 0.00	28.80 0.51 0.00	28.75 0.40 0.00	28.32 0.20 0.00	27.18 -0.03 0.00	28.18 -0.20 0.00	28.01 -0.48 0.00	27.98 -0.51 0.00	27.27 -0.36 0.00	26.12 -0.51 0.00	22.10 -0.54 0.00	17.40 -0.66 2.66	30.03 -0.62 -12.00
FREEPORT_EQUS_GT1 23764	30.04 1.68 -5.26	28.06 1.52 -5.99	27.43 1.45 -6.17	26.47 1.37 -6.55	28.19 1.52 -6.67	31.69 1.85 -6.19	33.99 2.39 -3.13	36.64 2.45 -6.93	35.24 2.74 -3.02	34.22 2.66 -3.27	34.86 2.60 -3.96	35.26 2.63 -4.30	34.55 2.66 -3.59	33.21 2.69 -2.16	33.65 2.67 -2.86	35.70 2.53 -5.96	50.84 2.75 -19.71	63.51 2.91 -32.10	49.94 2.82 -18.63	42.14 2.63 -11.88	38.04 2.58 -8.83	32.79 2.01 -8.13	28.32 1.95 -5.64	24.23 1.62 -3.97

FREEPORT___CT2 23818	30.04 1.68 -5.26	28.06 1.52 -5.99	27.43 1.45 -6.17	26.47 1.37 -6.55	28.19 1.52 -6.67	31.69 1.85 -6.19	33.99 2.39 -3.13	36.64 2.45 -6.93	35.24 2.74 -3.02	34.22 2.66 -3.27	34.86 2.60 -3.96	35.26 2.63 -4.30	34.55 2.66 -3.59	33.21 2.69 -2.16	33.65 2.67 -2.86	35.70 2.53 -5.96	50.84 2.75 -19.71	63.51 2.91 -32.10	49.94 2.82 -18.63	42.14 2.63 -11.88	38.04 2.58 -8.83	32.79 2.01 -8.13	28.32 1.95 -5.64	24.23 1.62 -3.97
FRESHKLS_33_KV_LOAD 356253	24.66 1.57 0.00	21.97 1.42 0.00	21.14 1.33 0.00	20.91 1.26 -1.10	21.76 1.38 -0.38	25.11 1.47 0.00	33.51 1.91 -3.14	35.96 1.77 -6.94	33.63 2.00 -2.15	33.63 2.07 -3.27	34.19 1.92 -3.97	33.56 2.07 -3.17	31.61 2.07 -1.25	31.39 2.13 -0.91	31.86 2.11 -1.63	32.89 1.96 -3.72	38.85 2.24 -8.23	50.52 2.39 -19.63	38.29 2.28 -7.51	34.03 2.07 -4.33	30.74 1.97 -2.15	27.43 1.65 -3.13	25.28 1.49 -3.06	23.92 1.31 -3.97
FULTON COGEN____ 23766	22.77 -0.32 0.00	20.26 -0.29 0.00	19.53 -0.28 0.00	18.48 -0.26 -0.20	19.81 -0.26 -0.07	23.32 -0.33 0.00	28.67 -0.37 -0.58	28.04 -0.49 -1.28	29.19 -0.68 -0.40	28.22 -0.68 -0.61	28.44 -0.59 -0.74	28.29 -0.62 -0.59	27.85 -0.68 -0.23	27.87 -0.65 -0.17	27.75 -0.67 -0.30	27.28 -0.63 -0.69	29.27 -0.62 -1.51	31.62 -0.48 -3.61	29.36 -0.51 -1.38	27.82 -0.61 -0.80	26.46 -0.56 -0.39	22.88 -0.34 -0.58	21.02 -0.27 -0.56	19.17 -0.21 -0.73
FULTON___LFGE 323630	24.61 1.52 0.00	21.88 1.33 0.00	21.08 1.27 0.00	21.40 1.20 -1.65	22.07 1.50 -0.57	25.63 1.99 0.00	35.99 2.82 -4.71	40.45 2.78 -10.41	35.25 2.53 -3.24	35.57 2.35 -4.93	36.59 2.32 -5.98	35.45 2.35 -4.78	32.44 2.26 -1.88	31.99 2.27 -1.37	32.82 2.25 -2.45	35.00 2.18 -5.61	42.88 2.16 -12.35	60.38 2.42 -29.47	42.17 2.39 -11.28	36.26 2.13 -6.50	31.92 2.08 -3.22	29.09 1.74 -4.70	26.65 1.33 -4.59	25.65 1.04 -5.96
G.F.CEMENT___DRP 24184	24.71 1.62 0.00	21.99 1.44 0.00	21.16 1.35 0.00	21.26 1.30 -1.42	22.01 1.52 -0.49	25.56 1.92 0.00	34.41 1.91 -4.03	38.00 1.83 -8.92	34.28 2.03 -2.77	34.40 1.90 -4.21	35.41 2.01 -5.11	34.54 2.12 -4.09	32.00 2.09 -1.61	31.34 1.81 -1.17	31.99 1.77 -2.10	33.75 1.74 -4.80	40.35 1.39 -10.58	55.28 1.54 -25.24	39.70 1.54 -9.66	34.61 1.41 -5.57	31.27 1.89 -2.76	28.05 1.38 -4.03	25.93 1.26 -3.94	24.96 1.21 -5.10
GARDENVILLE___LBMP 24039	21.59 -1.50 0.00	19.36 -1.19 0.00	18.74 -1.07 0.00	17.56 -1.28 -0.30	18.81 -1.30 -0.10	22.32 -1.32 0.00	27.46 -1.91 -0.90	26.69 -2.40 -1.84	26.67 -2.59 0.21	25.68 -2.49 0.12	26.58 -2.35 -0.63	25.48 -2.44 0.41	25.74 -2.55 0.01	25.53 -2.53 0.27	25.59 -2.53 0.00	25.29 -2.29 -0.37	27.95 -2.61 -2.18	31.52 -2.17 -5.19	28.63 -1.85 -1.99	26.49 -2.29 -1.15	25.28 -1.92 -0.57	21.80 -1.74 -0.90	20.06 -1.55 -0.88	18.54 -1.25 -1.14
GARDNVLA_35_KV_LD 355827	21.71 -1.39 0.00	19.46 -1.09 0.00	18.84 -0.97 0.00	17.64 -1.21 -0.30	18.89 -1.22 -0.10	22.44 -1.21 0.00	27.58 -1.79 -0.90	26.83 -2.26 -1.84	26.80 -2.48 0.20	25.84 -2.35 0.11	26.73 -2.21 -0.64	25.64 -2.29 0.39	25.89 -2.41 0.00	25.67 -2.41 0.27	25.74 -2.39 -0.01	25.44 -2.15 -0.38	28.09 -2.47 -2.18	31.67 -2.02 -5.20	28.78 -1.71 -1.99	26.63 -2.16 -1.15	25.39 -1.81 -0.57	21.89 -1.65 -0.90	20.14 -1.47 -0.88	18.60 -1.19 -1.14
GELCKHM___115KV_LOAD 80723	22.84 -0.25 0.00	20.34 -0.21 0.00	19.61 -0.20 0.00	18.58 -0.19 -0.22	19.90 -0.18 -0.07	23.43 -0.21 0.00	28.87 -0.23 -0.63	28.27 -0.38 -1.40	29.44 -0.47 -0.44	28.48 -0.48 -0.67	28.71 -0.40 -0.81	28.55 -0.42 -0.65	28.07 -0.48 -0.26	28.08 -0.45 -0.19	27.98 -0.48 -0.33	27.53 -0.44 -0.76	29.61 -0.43 -1.66	32.17 -0.28 -3.96	29.70 -0.31 -1.52	28.06 -0.44 -0.87	26.68 -0.37 -0.43	23.03 -0.25 -0.63	21.14 -0.21 -0.62	19.32 -0.13 -0.80
GENERAL___MILLS 23808	21.66 -1.43 0.00	19.42 -1.13 0.00	18.80 -1.01 0.00	17.60 -1.24 -0.30	18.85 -1.26 -0.10	22.39 -1.25 0.00	27.52 -1.85 -0.90	26.78 -2.32 -1.84	26.77 -2.51 0.20	25.78 -2.41 0.11	26.67 -2.26 -0.64	25.58 -2.35 0.39	25.83 -2.46 0.01	25.62 -2.47 0.27	25.68 -2.45 -0.01	25.38 -2.20 -0.38	28.04 -2.53 -2.18	31.61 -2.08 -5.20	28.69 -1.80 -1.99	26.57 -2.21 -1.15	25.33 -1.86 -0.57	21.85 -1.70 -0.90	20.10 -1.51 -0.88	18.56 -1.23 -1.14
GE_PLASTICS___DRP 24183	23.64 0.55 0.00	21.10 0.55 0.00	20.37 0.55 0.00	20.44 0.54 -1.36	21.05 0.58 -0.47	24.36 0.71 0.00	33.25 0.91 -3.87	36.78 0.95 -8.57	33.13 1.00 -2.66	33.27 0.93 -4.04	34.16 0.96 -4.91	33.21 0.96 -3.93	30.80 0.96 -1.55	30.44 0.96 -1.13	31.09 0.96 -2.01	32.77 0.95 -4.61	39.53 0.99 -10.16	53.76 1.03 -24.24	38.80 1.03 -9.28	33.94 0.97 -5.35	30.21 0.93 -2.65	27.22 0.70 -3.87	25.13 0.62 -3.78	24.05 0.50 -4.91
GILBOA___1 23756	23.64 0.55 0.00	21.08 0.53 0.00	20.40 0.59 0.00	20.23 0.58 -1.11	20.94 0.56 -0.38	24.33 0.69 0.00	32.56 0.94 -3.15	35.18 0.95 -6.97	32.61 0.97 -2.17	32.52 0.93 -3.29	33.22 0.93 -4.00	32.45 0.93 -3.20	30.49 0.93 -1.26	30.23 0.96 -0.92	30.72 0.96 -1.64	31.86 0.90 -3.75	37.62 0.97 -8.27	49.23 1.00 -19.74	37.07 1.02 -7.56	32.95 0.97 -4.35	29.71 0.93 -2.16	26.52 0.72 -3.15	24.47 0.66 -3.08	23.18 0.54 -3.99
GILBOA___2 23757	23.64 0.55 0.00	21.08 0.53 0.00	20.40 0.59 0.00	20.23 0.58 -1.11	20.94 0.56 -0.38	24.33 0.69 0.00	32.56 0.94 -3.15	35.18 0.95 -6.97	32.61 0.97 -2.17	32.52 0.93 -3.29	33.22 0.93 -4.00	32.45 0.93 -3.20	30.49 0.93 -1.26	30.23 0.96 -0.92	30.72 0.96 -1.64	31.86 0.90 -3.75	37.62 0.97 -8.27	49.23 1.00 -19.74	37.07 1.02 -7.56	32.95 0.97 -4.35	29.71 0.93 -2.16	26.52 0.72 -3.15	24.47 0.66 -3.08	23.18 0.54 -3.99
GILBOA___3 23758	23.64 0.55 0.00	21.08 0.53 0.00	20.40 0.59 0.00	20.23 0.58 -1.11	20.94 0.56 -0.38	24.33 0.69 0.00	32.56 0.94 -3.15	35.18 0.95 -6.97	32.61 0.97 -2.17	32.52 0.93 -3.29	33.22 0.93 -4.00	32.45 0.93 -3.20	30.49 0.93 -1.26	30.23 0.96 -0.92	30.72 0.96 -1.64	31.86 0.90 -3.75	37.62 0.97 -8.27	49.23 1.00 -19.74	37.07 1.02 -7.56	32.95 0.97 -4.35	29.71 0.93 -2.16	26.52 0.72 -3.15	24.47 0.66 -3.08	23.18 0.54 -3.99
GILBOA___4 23759	23.64 0.55 0.00	21.08 0.53 0.00	20.40 0.59 0.00	20.23 0.58 -1.11	20.94 0.56 -0.38	24.33 0.69 0.00	32.56 0.94 -3.15	35.18 0.95 -6.97	32.61 0.97 -2.17	32.52 0.93 -3.29	33.22 0.93 -4.00	32.45 0.93 -3.20	30.49 0.93 -1.26	30.23 0.96 -0.92	30.72 0.96 -1.64	31.86 0.90 -3.75	37.62 0.97 -8.27	49.23 1.00 -19.74	37.07 1.02 -7.56	32.95 0.97 -4.35	29.71 0.93 -2.16	26.52 0.72 -3.15	24.47 0.66 -3.08	23.18 0.54 -3.99
GILBOA____ 23599	23.64 0.55 0.00	21.08 0.53 0.00	20.41 0.59 0.00	20.23 0.57 -1.11	20.94 0.56 -0.38	24.36 0.71 0.00	32.56 0.94 -3.15	35.16 0.93 -6.97	32.61 0.97 -2.17	32.55 0.96 -3.29	33.25 0.96 -4.00	32.46 0.93 -3.20	30.49 0.93 -1.26	30.23 0.96 -0.92	30.72 0.96 -1.64	31.89 0.93 -3.75	37.62 0.96 -8.27	49.23 1.00 -19.74	37.08 1.03 -7.56	32.95 0.97 -4.35	29.71 0.93 -2.16	26.52 0.72 -3.15	24.47 0.66 -3.08	23.18 0.54 -3.99

GINNA____ 23603	21.33 -1.76 0.00	18.99 -1.56 0.00	18.35 -1.47 0.00	17.46 -1.34 -0.25	18.71 -1.38 -0.09	21.94 -1.70 0.00	27.17 -2.08 -0.78	26.80 -2.21 -1.75	26.53 -2.68 0.26	25.53 -2.63 0.14	26.36 -2.60 -0.67	25.29 -2.58 0.46	25.57 -2.69 0.03	25.42 -2.61 0.33	25.54 -2.59 -0.01	25.33 -2.29 -0.41	27.95 -2.50 -2.07	31.33 -2.11 -4.95	28.34 -2.05 -1.89	26.37 -2.35 -1.09	25.01 -2.16 -0.54	21.52 -1.90 -0.77	19.77 -1.72 -0.76	18.23 -1.40 -0.98
GLEN PARK____ 23778	23.48 0.39 0.00	20.88 0.33 0.00	20.09 0.28 0.00	18.93 0.24 -0.14	20.31 0.26 -0.05	24.05 0.40 0.00	29.73 0.85 -0.41	28.89 0.74 -0.90	30.31 0.56 -0.28	29.12 0.40 -0.43	29.24 0.43 -0.52	29.05 0.31 -0.42	28.74 0.28 -0.16	28.78 0.31 -0.12	28.56 0.22 -0.21	28.00 0.30 -0.49	29.78 0.34 -1.06	31.77 0.74 -2.54	30.21 0.74 -0.97	28.83 0.64 -0.56	27.43 0.53 -0.28	23.48 0.43 -0.41	20.98 0.29 0.04	19.99 0.24 -1.10
GLENDALDE_27_KV_LOAD 356172	24.52 1.43 0.00	21.86 1.32 0.00	21.04 1.23 0.00	20.83 1.19 -1.10	21.68 1.30 -0.38	25.11 1.47 0.00	33.54 1.94 -3.14	36.29 2.10 -6.94	33.95 2.33 -2.15	33.91 2.35 -3.27	34.50 2.24 -3.97	33.79 2.29 -3.17	31.84 2.29 -1.25	31.59 2.32 -0.91	32.06 2.31 -1.63	33.08 2.15 -3.72	39.07 2.47 -8.23	50.74 2.62 -19.63	38.49 2.48 -7.51	34.25 2.29 -4.33	30.87 2.10 -2.15	27.45 1.68 -3.13	25.28 1.49 -3.06	23.88 1.27 -3.97
GLENWOOD_IC_1_G5 23712	30.04 1.69 -5.26	28.06 1.52 -5.99	27.43 1.45 -6.17	26.47 1.37 -6.55	28.19 1.52 -6.67	31.68 1.84 -6.19	33.99 2.39 -3.13	36.64 2.45 -6.93	35.24 2.74 -3.02	34.28 2.72 -3.27	34.95 2.69 -3.96	35.31 2.69 -4.30	34.58 2.69 -3.59	33.23 2.72 -2.16	33.68 2.70 -2.86	35.75 2.58 -5.96	50.95 2.87 -19.71	63.59 2.99 -32.10	50.03 2.91 -18.63	42.22 2.71 -11.88	37.98 2.53 -8.83	32.79 2.02 -8.13	25.51 1.72 -3.06	24.05 1.44 -3.97
GLENWOOD_IC_2_G1 23688	29.97 1.62 -5.26	27.99 1.46 -5.99	27.39 1.41 -6.17	26.43 1.34 -6.55	28.15 1.48 -6.67	31.61 1.77 -6.19	33.91 2.30 -3.13	36.59 2.40 -6.93	35.15 2.65 -3.02	34.16 2.60 -3.27	34.81 2.55 -3.96	35.20 2.58 -4.30	34.46 2.57 -3.59	33.12 2.61 -2.16	33.56 2.59 -2.86	35.61 2.45 -5.96	50.84 2.75 -19.71	63.48 2.88 -32.10	49.92 2.79 -18.63	42.11 2.60 -11.88	37.90 2.45 -8.83	32.72 1.95 -8.13	27.97 1.60 -5.64	23.92 1.30 -3.97
GLENWOOD_IC_3_G1 23689	29.97 1.62 -5.26	27.99 1.46 -5.99	27.39 1.41 -6.17	26.43 1.34 -6.55	28.15 1.48 -6.67	31.61 1.77 -6.19	33.91 2.30 -3.13	36.59 2.40 -6.93	35.15 2.65 -3.02	34.16 2.60 -3.27	34.81 2.55 -3.96	35.20 2.58 -4.30	34.46 2.57 -3.59	33.12 2.61 -2.16	33.56 2.59 -2.86	35.61 2.45 -5.96	50.84 2.75 -19.71	63.48 2.88 -32.10	49.92 2.79 -18.63	42.11 2.60 -11.88	37.90 2.45 -8.83	32.72 1.95 -8.13	27.97 1.60 -5.64	23.92 1.30 -3.97
GLENWOOD____4 23550	30.04 1.69 -5.26	28.06 1.52 -5.99	27.43 1.45 -6.17	26.47 1.37 -6.55	28.19 1.52 -6.67	31.68 1.84 -6.19	33.99 2.39 -3.13	36.64 2.45 -6.93	35.24 2.74 -3.02	34.28 2.72 -3.27	34.95 2.69 -3.96	35.31 2.69 -4.30	34.58 2.69 -3.59	33.23 2.72 -2.16	33.68 2.70 -2.86	35.75 2.58 -5.96	50.95 2.87 -19.71	63.59 2.99 -32.10	50.03 2.91 -18.63	42.22 2.71 -11.88	37.98 2.53 -8.83	32.79 2.02 -8.13	25.51 1.72 -3.06	24.05 1.44 -3.97
GLENWOOD____5 23614	30.04 1.69 -5.26	28.06 1.52 -5.99	27.43 1.45 -6.17	26.47 1.37 -6.55	28.19 1.52 -6.67	31.68 1.84 -6.19	33.99 2.39 -3.13	36.64 2.45 -6.93	35.24 2.74 -3.02	34.28 2.72 -3.27	34.95 2.69 -3.96	35.31 2.69 -4.30	34.58 2.69 -3.59	33.23 2.72 -2.16	33.68 2.70 -2.86	35.75 2.58 -5.96	50.95 2.87 -19.71	63.59 2.99 -32.10	50.03 2.91 -18.63	42.22 2.71 -11.88	37.98 2.53 -8.83	32.79 2.02 -8.13	25.51 1.72 -3.06	24.05 1.44 -3.97
GLOBAL GREEN_PORT_GT1 23814	30.22 1.87 -5.26	28.40 1.87 -5.99	27.76 1.78 -6.17	26.80 1.70 -6.55	28.47 1.80 -6.67	32.28 2.44 -6.19	34.82 3.22 -3.13	37.32 3.13 -6.93	35.91 3.42 -3.02	34.73 3.17 -3.27	35.37 3.11 -3.96	35.74 3.12 -4.30	35.00 3.11 -3.59	33.80 3.29 -2.16	34.27 3.29 -2.86	36.37 3.21 -5.96	51.66 3.58 -19.71	64.42 3.82 -32.10	50.80 3.68 -18.63	42.91 3.40 -11.88	38.67 3.22 -8.83	33.27 2.49 -8.13	28.80 2.42 -5.64	24.70 2.09 -3.97
GLOBE____DSASP 323697	20.83 -2.26 0.00	18.70 -1.85 0.00	18.13 -1.68 0.00	17.13 -1.71 -0.29	18.38 -1.72 -0.10	21.54 -2.10 0.00	26.61 -2.73 -0.87	25.64 -3.35 -1.74	25.63 -3.65 0.19	24.61 -3.59 0.09	25.72 -3.23 -0.65	24.46 -3.48 0.37	24.73 -3.57 0.00	24.51 -3.57 0.26	24.57 -3.57 -0.02	24.20 -3.40 -0.39	26.81 -3.63 -2.06	30.21 -3.19 -4.91	27.56 -2.82 -1.88	25.54 -3.18 -1.09	24.42 -2.74 -0.54	21.12 -2.40 -0.87	19.49 -2.09 -0.85	18.04 -1.72 -1.11
GOETHSLN____LBMP 323567	24.34 1.25 0.00	21.70 1.15 0.00	20.88 1.07 0.00	20.68 1.04 -1.10	21.54 1.16 -0.38	25.02 1.37 0.00	33.45 1.85 -3.14	36.18 1.99 -6.93	33.77 2.15 -2.15	33.74 2.18 -3.27	34.35 2.09 -3.97	33.62 2.12 -3.17	31.67 2.12 -1.25	31.45 2.18 -0.91	31.91 2.17 -1.63	32.95 2.01 -3.72	38.87 2.27 -8.23	50.51 2.39 -19.63	38.26 2.25 -7.51	34.09 2.13 -4.33	30.66 1.89 -2.15	27.32 1.54 -3.13	25.18 1.39 -3.06	23.72 1.10 -3.97
GOLAH____69_KV_TB 1_2 80279	22.24 -0.85 0.00	19.87 -0.68 0.00	19.20 -0.61 0.00	18.23 -0.57 -0.26	19.55 -0.54 -0.09	22.94 -0.71 0.00	28.33 -0.94 -0.80	27.62 -1.42 -1.78	27.60 -1.68 0.19	26.50 -1.73 0.07	27.57 -1.39 -0.66	26.30 -1.67 0.35	26.54 -1.75 0.00	26.35 -1.73 0.27	26.41 -1.74 -0.03	25.92 -1.71 -0.42	28.84 -1.65 -2.11	32.36 -1.17 -5.04	29.45 -0.97 -1.93	27.36 -1.38 -1.11	26.06 -1.12 -0.55	22.38 -1.06 -0.80	20.66 -0.85 -0.78	19.04 -0.62 -1.01
GOODYEAR_LAKE_HYD 323669	23.88 0.79 0.00	21.25 0.70 0.00	20.52 0.71 0.00	19.54 0.65 -0.35	20.84 0.72 -0.12	24.59 0.95 0.00	30.84 1.37 -1.01	30.78 1.31 -2.22	31.51 1.33 -0.72	30.63 1.24 -1.09	30.91 1.30 -1.32	30.62 1.25 -1.06	29.93 1.22 -0.42	29.90 1.25 -0.30	29.87 1.21 -0.54	29.64 1.20 -1.24	32.29 1.28 -2.63	36.25 1.48 -6.27	32.35 1.45 -2.40	30.29 1.27 -1.38	28.51 1.20 -0.69	24.58 0.93 -1.00	22.50 0.79 -0.98	20.57 0.65 -1.27
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	23.09 0.00 0.00	20.59 0.04 0.00	19.87 0.06 0.00	18.95 -0.06 -0.46	20.14 -0.02 -0.16	23.74 0.09 0.00	29.90 0.11 -1.32	30.10 -0.05 -2.90	30.17 -0.24 -0.94	29.49 -0.23 -1.43	29.80 -0.23 -1.73	29.48 -0.23 -1.38	28.58 -0.25 -0.54	28.52 -0.23 -0.40	28.58 -0.25 -0.71	28.70 -0.14 -1.62	31.74 -0.09 -3.44	36.85 0.14 -8.21	31.81 0.17 -3.14	29.39 -0.06 -1.81	27.52 0.00 -0.90	23.94 -0.02 -1.32	22.00 -0.02 -1.29	20.30 -0.02 -1.67
GOUDEY____7 23579	23.11 0.02 0.00	20.61 0.06 0.00	19.89 0.08 0.00	18.97 -0.04 -0.46	20.16 0.00 -0.16	23.76 0.12 0.00	29.93 0.14 -1.32	30.13 -0.03 -2.90	30.20 -0.21 -0.94	29.52 -0.20 -1.43	29.83 -0.20 -1.73	29.54 -0.17 -1.38	28.61 -0.23 -0.54	28.55 -0.20 -0.40	28.63 -0.20 -0.71	28.72 -0.11 -1.62	31.76 -0.06 -3.44	36.88 0.17 -8.21	31.84 0.20 -3.14	29.42 -0.03 -1.81	27.55 0.03 -0.90	23.97 0.00 -1.32	22.02 0.00 -1.29	20.32 0.00 -1.67

GOUDEY___8 23580	23.09 0.00 0.00	20.59 0.04 0.00	19.87 0.06 0.00	18.95 -0.06 -0.46	20.14 -0.02 -0.16	23.74 0.09 0.00	29.90 0.11 -1.32	30.10 -0.05 -2.90	30.17 -0.24 -0.94	29.49 -0.23 -1.43	29.80 -0.23 -1.73	29.48 -0.23 -1.38	28.58 -0.25 -0.54	28.52 -0.23 -0.40	28.58 -0.25 -0.71	28.70 -0.14 -1.62	31.74 -0.09 -3.44	36.85 0.14 -8.21	31.81 0.17 -3.14	29.39 -0.06 -1.81	27.52 0.00 -0.90	23.94 -0.02 -1.32	22.00 -0.02 -1.29	20.30 -0.02 -1.67
GOWANUS_GT1_1 24077	24.55 1.45 0.00	21.89 1.34 0.00	21.06 1.25 0.00	20.83 1.19 -1.10	21.68 1.30 -0.38	25.09 1.44 0.00	33.51 1.91 -3.14	36.21 2.02 -6.94	33.86 2.24 -2.15	33.86 2.29 -3.27	34.41 2.15 -3.97	33.73 2.24 -3.17	31.81 2.26 -1.25	31.56 2.30 -0.91	32.03 2.30 -1.63	33.05 2.12 -3.72	39.05 2.44 -8.23	50.72 2.59 -19.63	38.46 2.45 -7.51	34.23 2.27 -4.33	30.85 2.08 -2.15	27.45 1.68 -3.13	25.28 1.49 -3.06	23.88 1.27 -3.97
GOWANUS_GT1_2 24078	24.55 1.45 0.00	21.89 1.34 0.00	21.06 1.25 0.00	20.83 1.19 -1.10	21.68 1.30 -0.38	25.09 1.44 0.00	33.51 1.91 -3.14	36.21 2.02 -6.94	33.86 2.24 -2.15	33.86 2.29 -3.27	34.41 2.15 -3.97	33.73 2.24 -3.17	31.81 2.26 -1.25	31.56 2.30 -0.91	32.03 2.28 -1.63	33.05 2.12 -3.72	39.05 2.44 -8.23	50.72 2.59 -19.63	38.46 2.45 -7.51	34.23 2.27 -4.33	30.85 2.08 -2.15	27.45 1.68 -3.13	25.28 1.49 -3.06	23.88 1.27 -3.97
GOWANUS_GT1_3 24079	24.55 1.45 0.00	21.89 1.34 0.00	21.06 1.25 0.00	20.83 1.19 -1.10	21.68 1.30 -0.38	25.09 1.44 0.00	33.51 1.91 -3.14	36.21 2.02 -6.94	33.86 2.24 -2.15	33.86 2.29 -3.27	34.41 2.15 -3.97	33.73 2.24 -3.17	31.81 2.26 -1.25	31.56 2.30 -0.91	32.03 2.28 -1.63	33.05 2.12 -3.72	39.05 2.44 -8.23	50.72 2.59 -19.63	38.46 2.45 -7.51	34.23 2.27 -4.33	30.85 2.08 -2.15	27.45 1.68 -3.13	25.28 1.49 -3.06	23.88 1.27 -3.97
GOWANUS_GT1_4 24080	24.55 1.45 0.00	21.89 1.34 0.00	21.06 1.25 0.00	20.83 1.19 -1.10	21.68 1.30 -0.38	25.09 1.44 0.00	33.51 1.91 -3.14	36.21 2.02 -6.94	33.86 2.24 -2.15	33.86 2.29 -3.27	34.41 2.15 -3.97	33.73 2.24 -3.17	31.81 2.26 -1.25	31.56 2.30 -0.91	32.03 2.28 -1.63	33.05 2.12 -3.72	39.05 2.44 -8.23	50.72 2.59 -19.63	38.46 2.45 -7.51	34.23 2.27 -4.33	30.85 2.08 -2.15	27.45 1.68 -3.13	25.28 1.49 -3.06	23.88 1.27 -3.97
GOWANUS_GT1_5 24084	24.55 1.45 0.00	21.89 1.34 0.00	21.06 1.25 0.00	20.83 1.19 -1.10	21.68 1.30 -0.38	25.09 1.44 0.00	33.51 1.91 -3.14	36.21 2.02 -6.94	33.86 2.24 -2.15	33.86 2.29 -3.27	34.41 2.15 -3.97	33.73 2.24 -3.17	31.81 2.26 -1.25	31.56 2.30 -0.91	32.03 2.28 -1.63	33.05 2.12 -3.72	39.05 2.44 -8.23	50.72 2.59 -19.63	38.46 2.45 -7.51	34.23 2.27 -4.33	30.85 2.08 -2.15	27.45 1.68 -3.13	25.28 1.49 -3.06	23.88 1.27 -3.97
GOWANUS_GT1_6 24111	24.55 1.45 0.00	21.89 1.34 0.00	21.06 1.25 0.00	20.83 1.19 -1.10	21.68 1.30 -0.38	25.09 1.44 0.00	33.51 1.91 -3.14	36.21 2.02 -6.94	33.86 2.24 -2.15	33.86 2.29 -3.27	34.41 2.15 -3.97	33.73 2.24 -3.17	31.81 2.26 -1.25	31.56 2.30 -0.91	32.03 2.28 -1.63	33.05 2.12 -3.72	39.05 2.44 -8.23	50.72 2.59 -19.63	38.46 2.45 -7.51	34.23 2.27 -4.33	30.85 2.08 -2.15	27.45 1.68 -3.13	25.28 1.49 -3.06	23.88 1.27 -3.97
GOWANUS_GT1_7 24112	24.55 1.45 0.00	21.89 1.34 0.00	21.06 1.25 0.00	20.83 1.19 -1.10	21.68 1.30 -0.38	25.09 1.44 0.00	33.51 1.91 -3.14	36.21 2.02 -6.94	33.86 2.24 -2.15	33.86 2.29 -3.27	34.41 2.15 -3.97	33.73 2.24 -3.17	31.81 2.26 -1.25	31.56 2.30 -0.91	32.03 2.28 -1.63	33.05 2.12 -3.72	39.05 2.44 -8.23	50.72 2.59 -19.63	38.46 2.45 -7.51	34.23 2.27 -4.33	30.85 2.08 -2.15	27.45 1.68 -3.13	25.28 1.49 -3.06	23.88 1.27 -3.97
GOWANUS_GT1_8 24113	24.55 1.45 0.00	21.89 1.34 0.00	21.06 1.25 0.00	20.83 1.19 -1.10	21.68 1.30 -0.38	25.09 1.44 0.00	33.51 1.91 -3.14	36.21 2.02 -6.94	33.86 2.24 -2.15	33.86 2.29 -3.27	34.41 2.15 -3.97	33.73 2.24 -3.17	31.81 2.26 -1.25	31.56 2.30 -0.91	32.03 2.28 -1.63	33.05 2.12 -3.72	39.05 2.44 -8.23	50.72 2.59 -19.63	38.46 2.45 -7.51	34.23 2.27 -4.33	30.85 2.08 -2.15	27.45 1.68 -3.13	25.28 1.49 -3.06	23.88 1.27 -3.97
GOWANUS_GT2_1 24114	24.55 1.46 0.00	21.87 1.32 0.00	21.06 1.25 0.00	20.83 1.19 -1.10	21.68 1.30 -0.38	25.06 1.42 0.00	33.54 1.94 -3.14	36.24 2.05 -6.94	33.89 2.27 -2.15	33.89 2.32 -3.27	34.41 2.15 -3.97	33.73 2.24 -3.17	31.78 2.23 -1.25	31.53 2.27 -0.91	32.00 2.25 -1.63	33.00 2.07 -3.72	39.05 2.44 -8.23	50.72 2.59 -19.63	38.46 2.45 -7.51	34.28 2.32 -4.33	30.85 2.08 -2.15	27.45 1.68 -3.13	25.28 1.49 -3.06	23.88 1.27 -3.97
GOWANUS_GT2_2 24115	24.55 1.46 0.00	21.87 1.32 0.00	21.06 1.25 0.00	20.83 1.19 -1.10	21.68 1.30 -0.38	25.06 1.42 0.00	33.54 1.94 -3.14	36.24 2.05 -6.94	33.89 2.27 -2.15	33.89 2.32 -3.27	34.41 2.15 -3.97	33.73 2.24 -3.17	31.78 2.23 -1.25	31.53 2.27 -0.91	32.00 2.25 -1.63	33.00 2.07 -3.72	39.05 2.44 -8.23	50.72 2.59 -19.63	38.46 2.45 -7.51	34.28 2.32 -4.33	30.85 2.08 -2.15	27.45 1.68 -3.13	25.28 1.49 -3.06	23.88 1.27 -3.97
GOWANUS_GT2_3 24116	24.55 1.46 0.00	21.87 1.32 0.00	21.06 1.25 0.00	20.83 1.19 -1.10	21.68 1.30 -0.38	25.06 1.42 0.00	33.54 1.94 -3.14	36.24 2.05 -6.94	33.89 2.27 -2.15	33.89 2.32 -3.27	34.41 2.15 -3.97	33.73 2.24 -3.17	31.78 2.23 -1.25	31.53 2.27 -0.91	32.00 2.25 -1.63	33.00 2.07 -3.72	39.05 2.44 -8.23	50.72 2.59 -19.63	38.46 2.45 -7.51	34.28 2.32 -4.33	30.85 2.08 -2.15	27.45 1.68 -3.13	25.28 1.49 -3.06	23.88 1.27 -3.97
GOWANUS_GT2_4 24117	24.55 1.46 0.00	21.87 1.32 0.00	21.06 1.25 0.00	20.83 1.19 -1.10	21.68 1.30 -0.38	25.06 1.42 0.00	33.54 1.94 -3.14	36.24 2.05 -6.94	33.89 2.27 -2.15	33.89 2.32 -3.27	34.41 2.15 -3.97	33.73 2.24 -3.17	31.78 2.23 -1.25	31.53 2.27 -0.91	32.00 2.25 -1.63	33.00 2.07 -3.72	39.05 2.44 -8.23	50.72 2.59 -19.63	38.46 2.45 -7.51	34.28 2.32 -4.33	30.85 2.08 -2.15	27.45 1.68 -3.13	25.28 1.49 -3.06	23.88 1.27 -3.97
GOWANUS_GT2_5 24118	24.55 1.46 0.00	21.87 1.32 0.00	21.06 1.25 0.00	20.83 1.19 -1.10	21.68 1.30 -0.38	25.06 1.42 0.00	33.54 1.94 -3.14	36.24 2.05 -6.94	33.89 2.27 -2.15	33.89 2.32 -3.27	34.41 2.15 -3.97	33.73 2.24 -3.17	31.78 2.23 -1.25	31.53 2.27 -0.91	32.00 2.25 -1.63	33.00 2.07 -3.72	39.05 2.44 -8.23	50.72 2.59 -19.63	38.46 2.45 -7.51	34.28 2.32 -4.33	30.85 2.08 -2.15	27.45 1.68 -3.13	25.28 1.49 -3.06	23.88 1.27 -3.97
GOWANUS_GT2_6 24119	24.55 1.46 0.00	21.87 1.32 0.00	21.06 1.25 0.00	20.83 1.19 -1.10	21.68 1.30 -0.38	25.06 1.42 0.00	33.54 1.94 -3.14	36.24 2.05 -6.94	33.89 2.27 -2.15	33.89 2.32 -3.27	34.41 2.15 -3.97	33.73 2.24 -3.17	31.78 2.23 -1.25	31.53 2.27 -0.91	32.00 2.25 -1.63	33.00 2.07 -3.72	39.05 2.44 -8.23	50.72 2.59 -19.63	38.46 2.45 -7.51	34.28 2.32 -4.33	30.85 2.08 -2.15	27.45 1.68 -3.13	25.28 1.49 -3.06	23.88 1.27 -3.97

GOWANUS_GT2_7 24120	24.55 1.46 0.00	21.87 1.32 0.00	21.06 1.25 0.00	20.83 1.19 -1.10	21.68 1.30 -0.38	25.06 1.42 0.00	33.54 1.94 -3.14	36.24 2.05 -6.94	33.89 2.27 -2.15	33.89 2.32 -3.27	34.41 2.15 -3.97	33.73 2.24 -3.17	31.78 2.23 -1.25	31.53 2.27 -0.91	32.00 2.25 -1.63	33.00 2.07 -3.72	39.05 2.44 -8.23	50.72 2.59 -19.63	38.46 2.45 -7.51	34.28 2.32 -4.33	30.85 2.08 -2.15	27.45 1.68 -3.13	25.28 1.49 -3.06	23.88 1.27 -3.97
GOWANUS_GT2_8 24121	24.55 1.46 0.00	21.87 1.32 0.00	21.06 1.25 0.00	20.83 1.19 -1.10	21.68 1.30 -0.38	25.06 1.42 0.00	33.54 1.94 -3.14	36.24 2.05 -6.94	33.89 2.27 -2.15	33.89 2.32 -3.27	34.41 2.15 -3.97	33.73 2.24 -3.17	31.78 2.23 -1.25	31.53 2.27 -0.91	32.00 2.25 -1.63	33.00 2.07 -3.72	39.05 2.44 -8.23	50.72 2.59 -19.63	38.46 2.45 -7.51	34.28 2.32 -4.33	30.85 2.08 -2.15	27.45 1.68 -3.13	25.28 1.49 -3.06	23.88 1.27 -3.97
GOWANUS_GT3_1 24122	24.55 1.46 0.00	21.87 1.32 0.00	21.06 1.25 0.00	20.83 1.19 -1.10	21.68 1.30 -0.38	25.06 1.42 0.00	33.54 1.94 -3.14	36.24 2.05 -6.94	33.89 2.27 -2.15	33.89 2.32 -3.27	34.41 2.15 -3.97	33.73 2.24 -3.17	31.78 2.23 -1.25	31.53 2.27 -0.91	32.00 2.25 -1.63	33.00 2.07 -3.72	39.05 2.44 -8.23	50.72 2.59 -19.63	38.46 2.45 -7.51	34.28 2.32 -4.33	30.85 2.08 -2.15	27.45 1.68 -3.13	25.28 1.49 -3.06	23.88 1.27 -3.97
GOWANUS_GT3_2 24123	24.55 1.46 0.00	21.87 1.32 0.00	21.06 1.25 0.00	20.83 1.19 -1.10	21.68 1.30 -0.38	25.06 1.42 0.00	33.54 1.94 -3.14	36.24 2.05 -6.94	33.89 2.27 -2.15	33.89 2.32 -3.27	34.41 2.15 -3.97	33.73 2.24 -3.17	31.78 2.23 -1.25	31.53 2.27 -0.91	32.00 2.25 -1.63	33.00 2.07 -3.72	39.05 2.44 -8.23	50.72 2.59 -19.63	38.46 2.45 -7.51	34.28 2.32 -4.33	30.85 2.08 -2.15	27.45 1.68 -3.13	25.28 1.49 -3.06	23.88 1.27 -3.97
GOWANUS_GT3_3 24124	24.55 1.46 0.00	21.87 1.32 0.00	21.06 1.25 0.00	20.83 1.19 -1.10	21.68 1.30 -0.38	25.06 1.42 0.00	33.54 1.94 -3.14	36.24 2.05 -6.94	33.89 2.27 -2.15	33.89 2.32 -3.27	34.41 2.15 -3.97	33.73 2.24 -3.17	31.78 2.23 -1.25	31.53 2.27 -0.91	32.00 2.25 -1.63	33.00 2.07 -3.72	39.05 2.44 -8.23	50.72 2.59 -19.63	38.46 2.45 -7.51	34.28 2.32 -4.33	30.85 2.08 -2.15	27.45 1.68 -3.13	25.28 1.49 -3.06	23.88 1.27 -3.97
GOWANUS_GT3_4 24125	24.55 1.46 0.00	21.87 1.32 0.00	21.06 1.25 0.00	20.83 1.19 -1.10	21.68 1.30 -0.38	25.06 1.42 0.00	33.54 1.94 -3.14	36.24 2.05 -6.94	33.89 2.27 -2.15	33.89 2.32 -3.27	34.41 2.15 -3.97	33.73 2.24 -3.17	31.78 2.23 -1.25	31.53 2.27 -0.91	32.00 2.25 -1.63	33.00 2.07 -3.72	39.05 2.44 -8.23	50.72 2.59 -19.63	38.46 2.45 -7.51	34.28 2.32 -4.33	30.85 2.08 -2.15	27.45 1.68 -3.13	25.28 1.49 -3.06	23.88 1.27 -3.97
GOWANUS_GT3_5 24126	24.55 1.46 0.00	21.87 1.32 0.00	21.06 1.25 0.00	20.83 1.19 -1.10	21.68 1.30 -0.38	25.06 1.42 0.00	33.54 1.94 -3.14	36.24 2.05 -6.94	33.89 2.27 -2.15	33.89 2.32 -3.27	34.41 2.15 -3.97	33.73 2.24 -3.17	31.78 2.23 -1.25	31.53 2.27 -0.91	32.00 2.25 -1.63	33.00 2.07 -3.72	39.05 2.44 -8.23	50.72 2.59 -19.63	38.46 2.45 -7.51	34.28 2.32 -4.33	30.85 2.08 -2.15	27.45 1.68 -3.13	25.28 1.49 -3.06	23.88 1.27 -3.97
GOWANUS_GT3_6 24127	24.55 1.46 0.00	21.87 1.32 0.00	21.06 1.25 0.00	20.83 1.19 -1.10	21.68 1.30 -0.38	25.06 1.42 0.00	33.54 1.94 -3.14	36.24 2.05 -6.94	33.89 2.27 -2.15	33.89 2.32 -3.27	34.41 2.15 -3.97	33.73 2.24 -3.17	31.78 2.23 -1.25	31.53 2.27 -0.91	32.00 2.25 -1.63	33.00 2.07 -3.72	39.05 2.44 -8.23	50.72 2.59 -19.63	38.46 2.45 -7.51	34.28 2.32 -4.33	30.85 2.08 -2.15	27.45 1.68 -3.13	25.28 1.49 -3.06	23.88 1.27 -3.97
GOWANUS_GT3_7 24128	24.55 1.46 0.00	21.87 1.32 0.00	21.06 1.25 0.00	20.83 1.19 -1.10	21.68 1.30 -0.38	25.06 1.42 0.00	33.54 1.94 -3.14	36.24 2.05 -6.94	33.89 2.27 -2.15	33.89 2.32 -3.27	34.41 2.15 -3.97	33.73 2.24 -3.17	31.78 2.23 -1.25	31.53 2.27 -0.91	32.00 2.25 -1.63	33.00 2.07 -3.72	39.05 2.44 -8.23	50.72 2.59 -19.63	38.46 2.45 -7.51	34.28 2.32 -4.33	30.85 2.08 -2.15	27.45 1.68 -3.13	25.28 1.49 -3.06	23.88 1.27 -3.97
GOWANUS_GT3_8 24129	24.55 1.46 0.00	21.87 1.32 0.00	21.06 1.25 0.00	20.83 1.19 -1.10	21.68 1.30 -0.38	25.06 1.42 0.00	33.54 1.94 -3.14	36.24 2.05 -6.94	33.89 2.27 -2.15	33.89 2.32 -3.27	34.41 2.15 -3.97	33.73 2.24 -3.17	31.78 2.23 -1.25	31.53 2.27 -0.91	32.00 2.25 -1.63	33.00 2.07 -3.72	39.05 2.44 -8.23	50.72 2.59 -19.63	38.46 2.45 -7.51	34.28 2.32 -4.33	30.85 2.08 -2.15	27.45 1.68 -3.13	25.28 1.49 -3.06	23.88 1.27 -3.97
GOWANUS_GT4_1 24130	24.55 1.45 0.00	21.89 1.34 0.00	21.06 1.25 0.00	20.83 1.19 -1.10	21.68 1.30 -0.38	25.09 1.44 0.00	33.51 1.91 -3.14	36.21 2.02 -6.94	33.86 2.24 -2.15	33.86 2.29 -3.27	34.41 2.15 -3.97	33.73 2.24 -3.17	31.81 2.26 -1.25	31.56 2.30 -0.91	32.03 2.28 -1.63	33.05 2.12 -3.72	39.05 2.44 -8.23	50.72 2.59 -19.63	38.46 2.45 -7.51	34.23 2.27 -4.33	30.85 2.08 -2.15	27.45 1.68 -3.13	25.28 1.49 -3.06	23.88 1.27 -3.97
GOWANUS_GT4_2 24131	24.55 1.45 0.00	21.89 1.34 0.00	21.06 1.25 0.00	20.83 1.19 -1.10	21.68 1.30 -0.38	25.09 1.44 0.00	33.51 1.91 -3.14	36.21 2.02 -6.94	33.86 2.24 -2.15	33.86 2.29 -3.27	34.41 2.15 -3.97	33.73 2.24 -3.17	31.81 2.26 -1.25	31.56 2.30 -0.91	32.03 2.28 -1.63	33.05 2.12 -3.72	39.05 2.44 -8.23	50.72 2.59 -19.63	38.46 2.45 -7.51	34.23 2.27 -4.33	30.85 2.08 -2.15	27.45 1.68 -3.13	25.28 1.49 -3.06	23.88 1.27 -3.97
GOWANUS_GT4_3 24132	24.55 1.45 0.00	21.89 1.34 0.00	21.06 1.25 0.00	20.83 1.19 -1.10	21.68 1.30 -0.38	25.09 1.44 0.00	33.51 1.91 -3.14	36.21 2.02 -6.94	33.86 2.24 -2.15	33.86 2.29 -3.27	34.41 2.15 -3.97	33.73 2.24 -3.17	31.81 2.26 -1.25	31.56 2.30 -0.91	32.03 2.28 -1.63	33.05 2.12 -3.72	39.05 2.44 -8.23	50.72 2.59 -19.63	38.46 2.45 -7.51	34.23 2.27 -4.33	30.85 2.08 -2.15	27.45 1.68 -3.13	25.28 1.49 -3.06	23.88 1.27 -3.97
GOWANUS_GT4_4 24133	24.55 1.45 0.00	21.89 1.34 0.00	21.06 1.25 0.00	20.83 1.19 -1.10	21.68 1.30 -0.38	25.09 1.44 0.00	33.51 1.91 -3.14	36.21 2.02 -6.94	33.86 2.24 -2.15	33.86 2.29 -3.27	34.41 2.15 -3.97	33.73 2.24 -3.17	31.81 2.26 -1.25	31.56 2.30 -0.91	32.03 2.28 -1.63	33.05 2.12 -3.72	39.05 2.44 -8.23	50.72 2.59 -19.63	38.46 2.45 -7.51	34.23 2.27 -4.33	30.85 2.08 -2.15	27.45 1.68 -3.13	25.28 1.49 -3.06	23.88 1.27 -3.97
GOWANUS_GT4_5 24134	24.55 1.45 0.00	21.89 1.34 0.00	21.06 1.25 0.00	20.83 1.19 -1.10	21.68 1.30 -0.38	25.09 1.44 0.00	33.51 1.91 -3.14	36.21 2.02 -6.94	33.86 2.24 -2.15	33.86 2.29 -3.27	34.41 2.15 -3.97	33.73 2.24 -3.17	31.81 2.26 -1.25	31.56 2.30 -0.91	32.03 2.28 -1.63	33.05 2.12 -3.72	39.05 2.44 -8.23	50.72 2.59 -19.63	38.46 2.45 -7.51	34.23 2.27 -4.33	30.85 2.08 -2.15	27.45 1.68 -3.13	25.28 1.49 -3.06	23.88 1.27 -3.97

GOWANUS_GT4_6 24135	24.55 1.45 0.00	21.89 1.34 0.00	21.06 1.25 0.00	20.83 1.19 -1.10	21.68 1.30 -0.38	25.09 1.44 0.00	33.51 1.91 -3.14	36.21 2.02 -6.94	33.86 2.24 -2.15	33.86 2.29 -3.27	34.41 2.15 -3.97	33.73 2.24 -3.17	31.81 2.26 -1.25	31.56 2.30 -0.91	32.03 2.28 -1.63	33.05 2.12 -3.72	39.05 2.44 -8.23	50.72 2.59 -19.63	38.46 2.45 -7.51	34.23 2.27 -4.33	30.85 2.08 -2.15	27.45 1.68 -3.13	25.28 1.49 -3.06	23.88 1.27 -3.97
GOWANUS_GT4_7 24136	24.55 1.45 0.00	21.89 1.34 0.00	21.06 1.25 0.00	20.83 1.19 -1.10	21.68 1.30 -0.38	25.09 1.44 0.00	33.51 1.91 -3.14	36.21 2.02 -6.94	33.86 2.24 -2.15	33.86 2.29 -3.27	34.41 2.15 -3.97	33.73 2.24 -3.17	31.81 2.26 -1.25	31.56 2.30 -0.91	32.03 2.28 -1.63	33.05 2.12 -3.72	39.05 2.44 -8.23	50.72 2.59 -19.63	38.46 2.45 -7.51	34.23 2.27 -4.33	30.85 2.08 -2.15	27.45 1.68 -3.13	25.28 1.49 -3.06	23.88 1.27 -3.97
GOWANUS_GT4_8 24137	24.55 1.45 0.00	21.89 1.34 0.00	21.06 1.25 0.00	20.83 1.19 -1.10	21.68 1.30 -0.38	25.09 1.44 0.00	33.51 1.91 -3.14	36.21 2.02 -6.94	33.86 2.24 -2.15	33.86 2.29 -3.27	34.41 2.15 -3.97	33.73 2.24 -3.17	31.81 2.26 -1.25	31.56 2.30 -0.91	32.03 2.28 -1.63	33.05 2.12 -3.72	39.05 2.44 -8.23	50.72 2.59 -19.63	38.46 2.45 -7.51	34.23 2.27 -4.33	30.85 2.08 -2.15	27.45 1.68 -3.13	25.28 1.49 -3.06	23.88 1.27 -3.97
GREENBSH_115KV_TB3 55895	23.55 0.46 0.00	21.04 0.49 0.00	20.33 0.52 0.00	20.39 0.48 -1.37	21.01 0.54 -0.47	24.26 0.61 0.00	33.18 0.83 -3.89	36.73 0.87 -8.60	33.06 0.91 -2.67	33.23 0.88 -4.06	34.10 0.88 -4.93	33.14 0.88 -3.94	30.72 0.88 -1.55	30.36 0.88 -1.13	31.02 0.87 -2.02	32.73 0.90 -4.63	39.49 0.91 -10.20	53.78 0.94 -24.35	38.75 0.94 -9.32	33.88 0.88 -5.37	30.14 0.85 -2.66	27.14 0.61 -3.89	25.07 0.54 -3.80	24.00 0.43 -4.93
GREENDGE_115KV_TB5 80291	22.86 -0.23 0.00	20.36 -0.18 0.00	19.65 -0.16 0.00	18.62 -0.26 -0.33	19.92 -0.20 -0.11	23.55 -0.09 0.00	29.34 -0.11 -0.98	29.08 -0.33 -2.15	28.61 -0.44 0.42	27.20 -0.48 0.62	27.93 -0.37 -0.01	27.03 -0.45 0.84	27.60 -0.57 0.13	27.51 -0.54 0.30	27.28 -0.56 0.28	26.47 -0.46 0.28	30.44 -0.48 -2.55	34.31 -0.26 -6.08	30.82 0.00 -2.33	28.61 -0.36 -1.34	27.02 -0.27 -0.67	23.31 -0.32 -0.98	21.38 -0.31 -0.96	19.67 -0.22 -1.24
GREENIDGE___3 23582	22.86 -0.23 0.00	20.36 -0.18 0.00	19.65 -0.16 0.00	18.62 -0.26 -0.33	19.92 -0.20 -0.11	23.55 -0.09 0.00	29.34 -0.11 -0.98	29.08 -0.33 -2.15	28.61 -0.44 0.42	27.20 -0.48 0.62	27.93 -0.37 -0.01	27.03 -0.45 0.84	27.60 -0.57 0.13	27.51 -0.54 0.30	27.28 -0.56 0.28	26.47 -0.46 0.28	30.44 -0.48 -2.55	34.31 -0.26 -6.08	30.82 0.00 -2.33	28.61 -0.36 -1.34	27.02 -0.27 -0.67	23.31 -0.32 -0.98	21.38 -0.31 -0.96	19.67 -0.22 -1.24
GREENIDGE___4 23583	22.88 -0.21 0.00	20.36 -0.19 0.00	19.65 -0.16 0.00	18.62 -0.26 -0.33	19.92 -0.20 -0.11	23.58 -0.07 0.00	29.36 -0.09 -0.98	29.16 -0.25 -2.15	28.58 -0.47 0.42	27.14 -0.54 0.62	27.79 -0.51 -0.01	27.00 -0.48 0.84	27.57 -0.60 0.13	27.48 -0.57 0.30	27.22 -0.62 0.28	26.44 -0.49 0.28	30.44 -0.48 -2.55	34.31 -0.26 -6.08	30.82 0.00 -2.33	28.61 -0.36 -1.34	27.02 -0.27 -0.67	23.33 -0.30 -0.98	21.37 -0.31 -0.95	19.66 -0.22 -1.24
GREENLWN_69_KV_BK 3 55738	30.06 1.71 -5.26	28.10 1.56 -5.99	27.47 1.49 -6.17	26.51 1.41 -6.55	28.23 1.56 -6.67	31.66 1.82 -6.19	33.74 2.13 -3.13	36.42 2.23 -6.93	34.97 2.48 -3.02	34.00 2.43 -3.27	34.66 2.41 -3.96	35.03 2.41 -4.30	34.32 2.43 -3.59	33.01 2.49 -2.16	33.48 2.50 -2.86	35.50 2.34 -5.96	50.70 2.61 -19.71	63.36 2.76 -32.10	49.77 2.65 -18.63	42.00 2.49 -11.88	37.77 2.32 -8.83	32.61 1.83 -8.13	25.78 1.99 -3.06	24.29 1.68 -3.97
GREENWD_138_KV_38B11_REV_LBMP_J 345004	24.55 1.45 0.00	21.89 1.34 0.00	21.06 1.25 0.00	20.83 1.19 -1.10	21.68 1.30 -0.38	25.09 1.44 0.00	33.51 1.91 -3.14	36.21 2.02 -6.94	33.86 2.24 -2.15	33.86 2.29 -3.27	34.41 2.15 -3.97	33.73 2.24 -3.17	31.81 2.26 -1.25	31.56 2.30 -0.91	32.03 2.28 -1.63	33.05 2.12 -3.72	39.05 2.44 -8.23	50.72 2.59 -19.63	38.46 2.45 -7.51	34.23 2.27 -4.33	30.85 2.08 -2.15	27.45 1.68 -3.13	25.28 1.49 -3.06	23.88 1.27 -3.97
GRISSOM___SOLAR 323813	24.61 1.52 0.00	21.88 1.33 0.00	21.08 1.27 0.00	21.40 1.20 -1.65	22.07 1.50 -0.57	25.63 1.99 0.00	35.99 2.82 -4.71	40.45 2.78 -10.41	35.25 2.53 -3.24	35.57 2.35 -4.93	36.59 2.32 -5.98	35.45 2.35 -4.78	32.44 2.26 -1.88	31.99 2.27 -1.37	32.82 2.25 -2.45	35.00 2.18 -5.61	42.88 2.16 -12.35	60.38 2.42 -29.47	42.17 2.39 -11.28	36.26 2.13 -6.50	31.92 2.08 -3.22	29.09 1.74 -4.70	26.65 1.33 -4.59	25.65 1.04 -5.96
GROVEVILLE___HYD 323602	24.36 1.27 0.00	21.72 1.17 0.00	20.92 1.11 0.00	20.69 1.04 -1.10	21.58 1.20 -0.38	25.07 1.42 0.00	33.49 1.88 -3.14	36.09 1.88 -6.96	33.69 2.06 -2.16	33.61 2.04 -3.28	34.23 1.95 -3.98	33.43 1.93 -3.18	31.42 1.87 -1.25	31.22 1.96 -0.91	31.70 1.94 -1.63	32.85 1.90 -3.74	38.79 2.16 -8.25	50.46 2.28 -19.69	38.20 2.17 -7.54	34.02 2.04 -4.34	30.67 1.89 -2.15	27.28 1.49 -3.14	25.11 1.31 -3.07	23.71 1.08 -3.98
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	23.02 -0.07 0.00	20.49 -0.06 0.00	19.77 -0.04 0.00	18.72 -0.06 -0.23	20.04 -0.04 -0.08	23.60 -0.05 0.00	29.10 -0.03 -0.66	28.56 -0.16 -1.47	29.64 -0.29 -0.46	28.71 -0.28 -0.70	28.94 -0.20 -0.85	28.78 -0.23 -0.68	28.28 -0.28 -0.27	28.29 -0.26 -0.20	28.19 -0.28 -0.35	27.76 -0.24 -0.80	29.86 -0.26 -1.74	32.56 -0.09 -4.15	29.97 -0.11 -1.59	28.30 -0.25 -0.91	26.86 -0.21 -0.45	23.22 -0.09 -0.66	21.31 -0.06 -0.65	19.47 -0.02 -0.84
HAMLTNNY_34_KV_TB 80303	23.00 -0.09 0.00	20.47 -0.08 0.00	19.75 -0.06 0.00	18.70 -0.07 -0.23	20.04 -0.04 -0.08	23.60 -0.05 0.00	29.10 -0.06 -0.69	28.56 -0.22 -1.52	29.68 -0.27 -0.48	28.74 -0.28 -0.73	28.98 -0.20 -0.88	28.80 -0.23 -0.71	28.26 -0.31 -0.28	28.30 -0.26 -0.20	28.20 -0.28 -0.36	27.79 -0.24 -0.83	29.96 -0.23 -1.81	32.77 -0.03 -4.31	30.09 -0.06 -1.65	28.36 -0.22 -0.95	26.93 -0.16 -0.47	23.20 -0.14 -0.69	21.30 -0.10 -0.67	19.48 -0.04 -0.87
HAMPSHIRE___PAPER_HYD 323593	23.09 0.00 0.00	20.51 -0.04 0.00	19.73 -0.08 0.00	18.51 -0.09 -0.06	19.88 -0.14 -0.02	23.58 -0.07 0.00	28.68 0.06 -0.15	27.68 0.08 -0.34	29.67 0.09 -0.11	28.54 0.09 -0.16	28.63 0.14 -0.20	28.57 0.09 -0.16	28.44 0.09 -0.06	28.45 0.06 -0.05	28.15 -0.06 -0.08	27.23 -0.16 -0.19	28.59 -0.20 -0.40	29.32 -0.14 -0.96	28.69 -0.17 -0.37	27.76 -0.08 -0.21	26.54 -0.19 -0.11	22.65 -0.16 -0.16	19.16 -0.19 1.39	20.56 -0.19 -2.10
HARDSCRABBLE_WT_PWR 323673	23.39 0.30 0.00	20.78 0.23 0.00	20.01 0.20 0.00	18.74 0.17 -0.03	20.17 0.16 -0.01	23.86 0.21 0.00	28.88 0.34 -0.07	27.74 0.33 -0.15	29.75 0.23 -0.05	28.65 0.28 -0.07	28.78 0.40 -0.09	28.90 0.51 -0.07	28.92 0.60 -0.03	29.02 0.65 -0.02	28.75 0.59 -0.04	27.78 0.49 -0.08	29.01 0.45 -0.18	29.44 0.51 -0.43	29.17 0.51 -0.17	28.20 0.47 -0.10	27.12 0.45 -0.05	23.25 0.52 -0.08	21.46 0.50 -0.24	19.20 0.45 -0.10

HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	24.20 1.11 0.00	21.56 1.01 0.00	20.76 0.95 0.00	20.48 0.91 -1.03	21.37 1.02 -0.35	24.88 1.23 0.00	33.01 1.62 -2.92	35.36 1.64 -6.47	33.21 1.74 -2.00	33.04 1.70 -3.05	33.63 1.64 -3.70	32.92 1.64 -2.96	31.10 1.64 -1.16	30.93 1.73 -0.85	31.33 1.69 -1.52	32.31 1.63 -3.47	37.95 1.90 -7.67	48.82 2.02 -18.30	37.44 1.94 -7.01	33.46 1.80 -4.04	30.28 1.65 -2.00	26.95 1.38 -2.92	24.81 1.22 -2.85	23.32 0.97 -3.70
HARSNRAD_115KV_TB1 81005	21.36 -1.73 0.00	19.15 -1.40 0.00	18.56 -1.25 0.00	17.49 -1.34 -0.29	18.76 -1.34 -0.10	22.09 -1.56 0.00	27.26 -2.08 -0.87	26.38 -2.64 -1.77	26.33 -2.95 0.20	25.31 -2.89 0.10	26.37 -2.57 -0.65	25.11 -2.83 0.38	25.37 -2.91 0.01	25.19 -2.89 0.27	25.24 -2.90 -0.01	24.85 -2.75 -0.39	27.56 -2.92 -2.10	31.05 -2.45 -5.00	28.31 -2.11 -1.92	26.20 -2.54 -1.11	25.02 -2.16 -0.55	21.61 -1.90 -0.87	19.90 -1.68 -0.85	18.42 -1.32 -1.10
HARZA MOOSE__RIVER 24016	23.51 0.42 0.00	20.88 0.33 0.00	20.13 0.32 0.00	18.92 0.30 -0.08	20.35 0.32 -0.03	24.07 0.43 0.00	29.45 0.80 -0.19	28.41 0.74 -0.42	30.25 0.65 -0.13	29.09 0.59 -0.20	29.19 0.65 -0.25	29.11 0.59 -0.20	28.94 0.57 -0.08	29.00 0.60 -0.06	28.76 0.53 -0.10	27.96 0.52 -0.23	29.39 0.51 -0.50	30.38 0.68 -1.20	29.61 0.66 -0.46	28.48 0.58 -0.26	27.29 0.53 -0.13	23.24 0.41 -0.19	20.90 0.31 0.15	19.73 0.28 -0.81
HDSNBRDG_115KV_BRDG_TB1 355580	22.84 -0.25 0.00	20.34 -0.21 0.00	19.63 -0.18 0.00	18.57 -0.19 -0.21	19.90 -0.18 -0.07	23.43 -0.21 0.00	28.87 -0.23 -0.63	28.27 -0.38 -1.39	29.44 -0.47 -0.44	28.48 -0.48 -0.67	28.71 -0.40 -0.81	28.54 -0.42 -0.65	28.07 -0.48 -0.25	28.08 -0.45 -0.19	28.00 -0.45 -0.33	27.56 -0.41 -0.76	29.61 -0.43 -1.65	32.15 -0.28 -3.94	29.69 -0.31 -1.51	28.09 -0.41 -0.87	26.68 -0.37 -0.43	23.03 -0.25 -0.63	21.16 -0.19 -0.62	19.31 -0.13 -0.80
HELLGATE_13_KV_LD 55870	24.45 1.36 0.00	21.80 1.25 0.00	21.00 1.19 0.00	20.78 1.13 -1.10	21.62 1.24 -0.38	25.02 1.37 0.00	33.40 1.79 -3.14	36.15 1.96 -6.94	33.77 2.15 -2.15	33.77 2.21 -3.27	34.35 2.09 -3.97	33.62 2.12 -3.17	31.69 2.15 -1.25	31.45 2.18 -0.91	31.92 2.17 -1.63	32.95 2.01 -3.72	38.93 2.33 -8.23	50.57 2.45 -19.63	38.32 2.31 -7.51	34.11 2.16 -4.33	30.71 1.94 -2.15	27.34 1.56 -3.13	25.20 1.41 -3.06	23.81 1.19 -3.97
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	24.45 1.36 0.00	21.80 1.25 0.00	21.00 1.19 0.00	20.78 1.13 -1.10	21.62 1.24 -0.38	25.02 1.37 0.00	33.40 1.79 -3.14	36.15 1.96 -6.94	33.77 2.15 -2.15	33.77 2.21 -3.27	34.35 2.09 -3.97	33.62 2.12 -3.17	31.69 2.15 -1.25	31.45 2.18 -0.91	31.92 2.17 -1.63	32.95 2.01 -3.72	38.93 2.33 -8.23	50.57 2.45 -19.63	38.32 2.31 -7.51	34.11 2.16 -4.33	30.71 1.94 -2.15	27.34 1.56 -3.13	25.20 1.41 -3.06	23.81 1.19 -3.97
HEMPSTEAD____ 23647	29.90 1.55 -5.26	27.93 1.40 -5.99	27.33 1.35 -6.17	26.38 1.28 -6.55	28.09 1.42 -6.67	31.57 1.73 -6.19	33.85 2.25 -3.13	36.50 2.32 -6.93	35.09 2.59 -3.02	34.08 2.52 -3.27	34.75 2.49 -3.96	35.14 2.52 -4.30	34.41 2.52 -3.59	33.06 2.55 -2.16	33.51 2.53 -2.86	35.56 2.39 -5.96	50.75 2.67 -19.71	63.42 2.82 -32.10	49.86 2.74 -18.63	42.05 2.54 -11.88	37.88 2.42 -8.83	32.66 1.88 -8.13	28.11 1.74 -5.64	24.07 1.46 -3.97
HEWLETT__69_KV_BK3 55828	30.13 1.78 -5.26	28.14 1.60 -5.99	27.51 1.53 -6.17	26.52 1.43 -6.55	28.27 1.60 -6.67	31.78 1.94 -6.19	34.08 2.48 -3.13	36.72 2.53 -6.93	35.27 2.77 -3.02	34.28 2.72 -3.27	34.95 2.69 -3.96	35.34 2.72 -4.30	34.58 2.69 -3.59	33.23 2.72 -2.16	33.68 2.70 -2.86	35.75 2.58 -5.96	50.87 2.78 -19.71	63.53 2.93 -32.10	49.97 2.85 -18.63	42.16 2.65 -11.88	38.01 2.56 -8.83	32.88 2.11 -8.13	25.80 2.01 -3.06	24.31 1.70 -3.97
HICKLING____1 23621	22.86 -0.23 0.00	20.38 -0.16 0.00	19.65 -0.16 0.00	18.60 -0.33 -0.39	19.84 -0.30 -0.13	23.53 -0.12 0.00	29.38 -0.23 -1.14	29.24 -0.49 -2.48	28.34 -0.44 0.69	27.01 -0.42 0.86	28.06 -0.40 -0.16	26.67 -0.40 1.26	27.59 -0.48 0.23	27.35 -0.45 0.54	27.31 -0.45 0.36	26.67 -0.30 0.24	30.84 -0.48 -2.94	35.37 -0.14 -7.01	31.15 -0.03 -2.69	28.79 -0.39 -1.55	27.13 -0.27 -0.77	23.40 -0.38 -1.14	21.49 -0.35 -1.11	19.81 -0.28 -1.44
HICKLING____2 23622	22.86 -0.23 0.00	20.38 -0.16 0.00	19.65 -0.16 0.00	18.60 -0.33 -0.39	19.84 -0.30 -0.13	23.53 -0.12 0.00	29.38 -0.23 -1.14	29.24 -0.49 -2.48	28.34 -0.44 0.69	27.01 -0.42 0.86	28.06 -0.40 -0.16	26.67 -0.40 1.26	27.59 -0.48 0.23	27.35 -0.45 0.54	27.31 -0.45 0.36	26.67 -0.30 0.24	30.84 -0.48 -2.94	35.37 -0.14 -7.01	31.15 -0.03 -2.69	28.79 -0.39 -1.55	27.13 -0.27 -0.77	23.40 -0.38 -1.14	21.49 -0.35 -1.11	19.81 -0.28 -1.44
HIGH FALLS____HY 23754	24.34 1.25 0.00	21.68 1.13 0.00	20.86 1.05 0.00	20.61 0.98 -1.09	21.50 1.12 -0.37	24.99 1.35 0.00	33.36 1.79 -3.10	35.88 1.77 -6.85	33.38 1.80 -2.11	33.29 1.78 -3.21	33.86 1.67 -3.89	33.08 1.64 -3.11	31.10 1.58 -1.23	30.97 1.73 -0.89	31.43 1.72 -1.60	32.49 1.63 -3.65	38.46 1.96 -8.13	49.97 2.08 -19.39	37.91 1.99 -7.42	33.79 1.88 -4.28	30.42 1.68 -2.12	27.21 1.47 -3.09	25.04 1.29 -3.02	23.61 1.04 -3.92
HILLBURN____GT 23639	24.20 1.11 0.00	21.56 1.01 0.00	20.76 0.95 0.00	20.49 0.91 -1.04	21.40 1.04 -0.36	24.88 1.23 0.00	33.09 1.65 -2.97	35.54 1.72 -6.57	33.25 1.74 -2.04	33.12 1.73 -3.09	33.69 1.64 -3.75	33.00 1.67 -3.00	31.17 1.70 -1.18	30.97 1.76 -0.86	31.41 1.74 -1.54	32.34 1.60 -3.52	38.07 1.90 -7.79	49.10 2.02 -18.59	37.55 1.94 -7.11	33.52 1.80 -4.10	30.31 1.65 -2.03	27.04 1.43 -2.96	24.91 1.29 -2.90	23.43 1.02 -3.76
HILLSIDE_115KV_TB1 80332	22.63 -0.46 0.00	20.18 -0.37 0.00	19.47 -0.34 0.00	18.44 -0.50 -0.40	19.64 -0.50 -0.14	23.29 -0.35 0.00	29.09 -0.54 -1.16	29.00 -0.79 -2.54	28.03 -0.80 0.64	26.74 -0.76 0.79	27.76 -0.76 -0.23	26.38 -0.76 1.17	27.30 -0.79 0.20	27.07 -0.77 0.52	27.04 -0.76 0.32	26.44 -0.60 0.17	30.57 -0.82 -3.01	35.13 -0.54 -7.18	30.82 -0.43 -2.75	28.47 -0.75 -1.58	26.80 -0.61 -0.79	23.22 -0.59 -1.16	21.33 -0.54 -1.14	19.65 -0.47 -1.47
HISHELDN_WT_PWR 323625	21.71 -1.38 0.00	19.42 -1.13 0.00	18.80 -1.01 0.00	17.65 -1.21 -0.31	18.91 -1.20 -0.11	22.42 -1.23 0.00	27.67 -1.74 -0.94	27.16 -2.04 -1.94	26.78 -2.42 0.27	25.66 -2.41 0.23	26.39 -2.46 -0.56	25.42 -2.38 0.52	25.79 -2.46 0.04	25.61 -2.44 0.31	25.60 -2.47 0.05	25.23 -2.26 -0.28	28.27 -2.41 -2.31	31.97 -2.02 -5.49	28.92 -1.68 -2.11	26.77 -2.07 -1.22	25.47 -1.76 -0.61	21.97 -1.61 -0.93	20.19 -1.45 -0.91	18.66 -1.17 -1.18
HOLTSVILLE_IC_1 23690	29.78 1.43 -5.26	27.93 1.40 -5.99	27.31 1.33 -6.17	26.38 1.28 -6.55	28.05 1.38 -6.67	31.61 1.77 -6.19	33.91 2.30 -3.13	36.50 2.32 -6.93	35.06 2.56 -3.02	34.00 2.43 -3.27	34.61 2.35 -3.96	34.97 2.35 -4.30	34.27 2.38 -3.59	33.01 2.50 -2.16	33.48 2.50 -2.86	35.53 2.37 -5.96	50.75 2.67 -19.71	63.45 2.85 -32.10	49.86 2.74 -18.63	42.05 2.54 -11.88	37.85 2.40 -8.83	32.61 1.83 -8.13	28.28 1.91 -5.64	24.23 1.62 -3.97

HOLTSVILLE_IC_10 23699	29.85 1.50 -5.26	28.02 1.48 -5.99	27.39 1.41 -6.17	26.45 1.35 -6.55	28.13 1.46 -6.67	31.71 1.87 -6.19	34.05 2.45 -3.13	36.64 2.45 -6.93	35.27 2.77 -3.02	34.16 2.60 -3.27	34.78 2.52 -3.96	35.17 2.55 -4.30	34.46 2.57 -3.59	33.17 2.66 -2.16	33.65 2.67 -2.86	35.70 2.53 -5.96	50.95 2.87 -19.71	63.68 3.08 -32.10	50.06 2.94 -18.63	42.25 2.74 -11.88	38.04 2.58 -8.83	32.72 1.95 -8.13	28.36 1.99 -5.64	24.31 1.70 -3.97
HOLTSVILLE_IC_2 23691	29.78 1.43 -5.26	27.93 1.40 -5.99	27.31 1.33 -6.17	26.38 1.28 -6.55	28.05 1.38 -6.67	31.61 1.77 -6.19	33.91 2.30 -3.13	36.50 2.32 -6.93	35.06 2.56 -3.02	34.00 2.43 -3.27	34.61 2.35 -3.96	34.97 2.35 -4.30	34.27 2.38 -3.59	33.01 2.50 -2.16	33.48 2.50 -2.86	35.53 2.37 -5.96	50.75 2.67 -19.71	63.45 2.85 -32.10	49.86 2.74 -18.63	42.05 2.54 -11.88	37.85 2.40 -8.83	32.61 1.83 -8.13	28.28 1.91 -5.64	24.23 1.62 -3.97
HOLTSVILLE_IC_3 23692	29.78 1.43 -5.26	27.93 1.40 -5.99	27.31 1.33 -6.17	26.38 1.28 -6.55	28.05 1.38 -6.67	31.61 1.77 -6.19	33.91 2.30 -3.13	36.50 2.32 -6.93	35.06 2.56 -3.02	34.00 2.43 -3.27	34.61 2.35 -3.96	34.97 2.35 -4.30	34.27 2.38 -3.59	33.01 2.50 -2.16	33.48 2.50 -2.86	35.53 2.37 -5.96	50.75 2.67 -19.71	63.45 2.85 -32.10	49.86 2.74 -18.63	42.05 2.54 -11.88	37.85 2.40 -8.83	32.61 1.83 -8.13	28.28 1.91 -5.64	24.23 1.62 -3.97
HOLTSVILLE_IC_4 23693	29.78 1.43 -5.26	27.93 1.40 -5.99	27.31 1.33 -6.17	26.38 1.28 -6.55	28.05 1.38 -6.67	31.61 1.77 -6.19	33.91 2.30 -3.13	36.50 2.32 -6.93	35.06 2.56 -3.02	34.00 2.43 -3.27	34.61 2.35 -3.96	34.97 2.35 -4.30	34.27 2.38 -3.59	33.01 2.50 -2.16	33.48 2.50 -2.86	35.53 2.37 -5.96	50.75 2.67 -19.71	63.45 2.85 -32.10	49.86 2.74 -18.63	42.05 2.54 -11.88	37.85 2.40 -8.83	32.61 1.83 -8.13	28.28 1.91 -5.64	24.23 1.62 -3.97
HOLTSVILLE_IC_5 23694	29.78 1.43 -5.26	27.93 1.40 -5.99	27.31 1.33 -6.17	26.38 1.28 -6.55	28.05 1.38 -6.67	31.61 1.77 -6.19	33.91 2.30 -3.13	36.50 2.32 -6.93	35.06 2.56 -3.02	34.00 2.43 -3.27	34.61 2.35 -3.96	34.97 2.35 -4.30	34.27 2.38 -3.59	33.01 2.50 -2.16	33.48 2.50 -2.86	35.53 2.37 -5.96	50.75 2.67 -19.71	63.45 2.85 -32.10	49.86 2.74 -18.63	42.05 2.54 -11.88	37.85 2.40 -8.83	32.61 1.83 -8.13	28.28 1.91 -5.64	24.23 1.62 -3.97
HOLTSVILLE_IC_6 23695	29.85 1.50 -5.26	28.02 1.48 -5.99	27.39 1.41 -6.17	26.45 1.35 -6.55	28.13 1.46 -6.67	31.71 1.87 -6.19	34.05 2.45 -3.13	36.64 2.45 -6.93	35.27 2.77 -3.02	34.16 2.60 -3.27	34.78 2.52 -3.96	35.17 2.55 -4.30	34.46 2.57 -3.59	33.17 2.66 -2.16	33.65 2.67 -2.86	35.70 2.53 -5.96	50.95 2.87 -19.71	63.68 3.08 -32.10	50.06 2.94 -18.63	42.25 2.74 -11.88	38.04 2.58 -8.83	32.72 1.95 -8.13	28.36 1.99 -5.64	24.31 1.70 -3.97
HOLTSVILLE_IC_7 23696	29.85 1.50 -5.26	28.02 1.48 -5.99	27.39 1.41 -6.17	26.45 1.35 -6.55	28.13 1.46 -6.67	31.71 1.87 -6.19	34.05 2.45 -3.13	36.64 2.45 -6.93	35.27 2.77 -3.02	34.16 2.60 -3.27	34.78 2.52 -3.96	35.17 2.55 -4.30	34.46 2.57 -3.59	33.17 2.66 -2.16	33.65 2.67 -2.86	35.70 2.53 -5.96	50.95 2.87 -19.71	63.68 3.08 -32.10	50.06 2.94 -18.63	42.25 2.74 -11.88	38.04 2.58 -8.83	32.72 1.95 -8.13	28.36 1.99 -5.64	24.31 1.70 -3.97
HOLTSVILLE_IC_8 23697	29.85 1.50 -5.26	28.02 1.48 -5.99	27.39 1.41 -6.17	26.45 1.35 -6.55	28.13 1.46 -6.67	31.71 1.87 -6.19	34.05 2.45 -3.13	36.64 2.45 -6.93	35.27 2.77 -3.02	34.16 2.60 -3.27	34.78 2.52 -3.96	35.17 2.55 -4.30	34.46 2.57 -3.59	33.17 2.66 -2.16	33.65 2.67 -2.86	35.70 2.53 -5.96	50.95 2.87 -19.71	63.68 3.08 -32.10	50.06 2.94 -18.63	42.25 2.74 -11.88	38.04 2.58 -8.83	32.72 1.95 -8.13	28.36 1.99 -5.64	24.31 1.70 -3.97
HOLTSVILLE_IC_9 23698	29.85 1.50 -5.26	28.02 1.48 -5.99	27.39 1.41 -6.17	26.45 1.35 -6.55	28.13 1.46 -6.67	31.71 1.87 -6.19	34.05 2.45 -3.13	36.64 2.45 -6.93	35.27 2.77 -3.02	34.16 2.60 -3.27	34.78 2.52 -3.96	35.17 2.55 -4.30	34.46 2.57 -3.59	33.17 2.66 -2.16	33.65 2.67 -2.86	35.70 2.53 -5.96	50.95 2.87 -19.71	63.68 3.08 -32.10	50.06 2.94 -18.63	42.25 2.74 -11.88	38.04 2.58 -8.83	32.72 1.95 -8.13	28.36 1.99 -5.64	24.31 1.70 -3.97
HOMER_HL_115KV_TB2 355744	21.96 -1.13 0.00	19.62 -0.92 0.00	18.96 -0.85 0.00	17.45 -1.41 -0.31	18.65 -1.46 -0.11	22.65 -0.99 0.00	27.53 -1.88 -0.94	27.06 -2.15 -1.96	27.06 -2.24 0.17	26.27 -1.95 0.08	26.62 -2.35 -0.67	25.93 -2.04 0.36	26.24 -2.07 -0.01	25.97 -2.13 0.25	26.12 -2.02 -0.02	26.01 -1.61 -0.41	28.46 -2.24 -2.32	32.17 -1.85 -5.53	28.90 -1.71 -2.12	26.73 -2.13 -1.22	25.40 -1.84 -0.61	21.84 -1.74 -0.94	20.05 -1.60 -0.92	18.44 -1.40 -1.19
HOWARD_WT_PWR 323690	22.33 -0.76 0.00	19.89 -0.66 0.00	19.22 -0.59 0.00	18.13 -0.76 -0.35	19.38 -0.74 -0.12	23.06 -0.59 0.00	28.67 -0.83 -1.03	28.48 -1.01 -2.23	27.54 -1.18 0.75	26.10 -1.24 0.95	27.04 -1.30 -0.05	25.74 -1.25 1.34	26.65 -1.39 0.26	26.43 -1.36 0.56	26.29 -1.43 0.40	25.58 -1.28 0.35	29.75 -1.28 -2.65	33.90 -0.91 -6.32	30.26 -0.65 -2.42	28.01 -1.02 -1.40	26.52 -0.80 -0.69	22.81 -0.86 -1.03	20.90 -0.83 -1.00	19.28 -0.67 -1.30
HQ_GEN_CEDARS 23644	23.14 0.05 0.00	20.53 -0.02 0.00	19.77 -0.04 0.00	18.49 -0.06 0.00	19.88 -0.12 0.00	23.58 -0.07 0.00	28.32 -0.14 0.00	27.20 -0.05 0.00	29.41 -0.06 0.00	28.29 0.00 0.00	28.27 -0.03 0.00	28.32 0.00 0.00	28.32 0.03 0.00	28.32 -0.03 0.00	28.07 -0.06 0.00	27.07 -0.14 0.00	28.21 -0.17 0.00	28.18 -0.31 0.00	28.18 -0.31 0.00	27.47 -0.17 0.00	26.38 -0.24 0.00	22.46 -0.18 0.00	17.81 -0.21 0.71	19.27 -0.17 -0.79
HQ_GEN_CEDARS_PROXY 323590	23.14 0.05 0.00	20.53 -0.02 0.00	19.77 -0.04 0.00	18.49 -0.06 0.00	19.88 -0.12 0.00	23.55 -0.09 0.00	28.33 -0.14 0.00	28.32 -0.08 -1.14	28.27 -0.06 1.14	28.32 0.03 0.00	28.35 0.06 0.00	28.35 0.03 0.00	28.35 0.06 0.00	28.35 0.00 0.00	28.07 -0.06 0.00	27.07 -0.14 0.00	28.21 -0.17 0.00	28.18 -0.31 0.00	28.18 -0.31 0.00	27.47 -0.16 0.00	26.38 -0.24 0.00	22.46 -0.18 0.00	17.81 -0.21 0.71	19.27 -0.17 -0.79
HQ_GEN_IMPORT 323601	23.02 -0.07 0.00	20.47 -0.08 0.00	19.71 -0.10 0.00	18.45 -0.09 0.00	19.88 -0.12 0.00	23.51 -0.14 0.00	28.21 -0.26 0.00	28.21 -0.19 -1.14	28.21 -0.12 1.14	28.21 -0.08 0.00	28.21 -0.08 0.00	28.21 -0.11 0.00	28.21 -0.08 0.00	28.21 -0.14 0.00	28.01 -0.11 0.00	27.07 -0.14 0.00	28.21 -0.17 0.00	28.21 -0.28 0.00	28.21 -0.28 0.00	27.47 -0.16 0.00	26.44 -0.19 0.00	22.46 -0.18 0.00	20.28 -0.19 0.26	18.48 -0.17 0.00
HQ_GEN_WHEEL 23651	23.02 -0.07 0.00	20.47 -0.08 0.00	19.71 -0.10 0.00	18.45 -0.09 0.00	19.88 -0.12 0.00	23.51 -0.14 0.00	28.21 -0.26 0.00	28.21 -0.19 -1.14	28.21 -0.12 1.14	28.21 -0.08 0.00	28.21 -0.08 0.00	28.21 -0.11 0.00	28.21 -0.08 0.00	28.21 -0.14 0.00	28.01 -0.11 0.00	27.07 -0.14 0.00	28.21 -0.17 0.00	28.21 -0.28 0.00	28.21 -0.28 0.00	27.47 -0.16 0.00	26.44 -0.19 0.00	22.46 -0.18 0.00	20.28 -0.19 0.26	18.48 -0.17 0.00

HUDSON AVE_GT_3 23810	24.41 1.32 0.00	21.76 1.21 0.00	20.96 1.15 0.00	20.74 1.09 -1.10	21.60 1.22 -0.38	25.09 1.44 0.00	33.54 1.94 -3.14	36.26 2.07 -6.93	33.89 2.27 -2.15	33.86 2.29 -3.27	34.47 2.21 -3.97	33.71 2.21 -3.17	31.78 2.24 -1.25	31.53 2.27 -0.91	32.00 2.25 -1.63	33.05 2.12 -3.72	38.99 2.38 -8.23	50.66 2.54 -19.63	38.43 2.42 -7.51	34.20 2.24 -4.33	30.79 2.02 -2.15	27.43 1.65 -3.13	25.24 1.45 -3.06	23.79 1.17 -3.97
HUDSON AVE_GT_4 23540	24.41 1.32 0.00	21.76 1.21 0.00	20.96 1.15 0.00	20.74 1.09 -1.10	21.60 1.22 -0.38	25.09 1.44 0.00	33.54 1.94 -3.14	36.26 2.07 -6.93	33.89 2.27 -2.15	33.86 2.29 -3.27	34.47 2.21 -3.97	33.71 2.21 -3.17	31.78 2.24 -1.25	31.53 2.27 -0.91	32.00 2.25 -1.63	33.05 2.12 -3.72	38.99 2.38 -8.23	50.66 2.54 -19.63	38.43 2.42 -7.51	34.20 2.24 -4.33	30.79 2.02 -2.15	27.43 1.65 -3.13	25.24 1.45 -3.06	23.79 1.17 -3.97
HUDSON AVE_GT_5 23657	24.41 1.32 0.00	21.76 1.21 0.00	20.96 1.15 0.00	20.74 1.09 -1.10	21.60 1.22 -0.38	25.09 1.44 0.00	33.54 1.94 -3.14	36.26 2.07 -6.93	33.89 2.27 -2.15	33.86 2.29 -3.27	34.47 2.21 -3.97	33.71 2.21 -3.17	31.78 2.24 -1.25	31.53 2.27 -0.91	32.00 2.25 -1.63	33.05 2.12 -3.72	38.99 2.38 -8.23	50.66 2.54 -19.63	38.43 2.42 -7.51	34.20 2.24 -4.33	30.79 2.02 -2.15	27.43 1.65 -3.13	25.24 1.45 -3.06	23.79 1.17 -3.97
HUDSON_AVE_10 24168	24.36 1.27 0.00	21.72 1.17 0.00	20.90 1.09 0.00	20.68 1.04 -1.10	21.54 1.16 -0.38	25.04 1.40 0.00	33.51 1.91 -3.14	36.26 2.07 -6.93	33.89 2.27 -2.15	33.83 2.26 -3.27	34.44 2.18 -3.97	33.71 2.21 -3.17	31.75 2.21 -1.25	31.53 2.27 -0.91	32.00 2.25 -1.63	33.03 2.10 -3.72	38.99 2.38 -8.23	50.66 2.54 -19.63	38.43 2.42 -7.51	34.20 2.24 -4.33	30.79 2.02 -2.15	27.41 1.63 -3.13	25.18 1.39 -3.06	23.72 1.10 -3.97
HUDSON___115KV_TB 4 355613	24.29 1.20 0.00	21.70 1.15 0.00	20.92 1.11 0.00	20.75 0.89 -1.32	21.54 1.08 -0.45	25.07 1.42 0.00	33.88 1.65 -3.76	37.18 1.61 -8.31	33.76 1.71 -2.58	33.75 1.53 -3.92	34.52 1.47 -4.76	33.55 1.42 -3.81	31.15 1.36 -1.50	30.81 1.36 -1.09	31.42 1.35 -1.95	33.12 1.44 -4.47	39.74 1.50 -9.86	53.68 1.65 -23.53	39.18 1.68 -9.01	34.39 1.58 -5.19	30.69 1.49 -2.57	27.49 1.09 -3.76	25.27 0.87 -3.67	24.12 0.71 -4.76
HUNTER MOUNT___DRP 323613	24.38 1.29 0.00	21.80 1.25 0.00	21.02 1.21 0.00	20.72 0.89 -1.28	21.56 1.12 -0.44	25.16 1.51 0.00	33.77 1.65 -3.65	36.91 1.58 -8.08	33.72 1.74 -2.50	33.60 1.50 -3.81	34.36 1.44 -4.62	33.38 1.36 -3.70	31.02 1.27 -1.45	30.69 1.28 -1.06	31.31 1.29 -1.90	32.96 1.41 -4.33	39.43 1.48 -9.58	52.97 1.62 -22.85	38.90 1.65 -8.75	34.25 1.58 -5.04	30.61 1.49 -2.50	27.33 1.04 -3.65	25.10 0.81 -3.56	23.92 0.65 -4.62
HUNTINGTON_RES_REC 323705	30.02 1.66 -5.26	28.08 1.54 -5.99	27.45 1.47 -6.17	26.51 1.41 -6.55	28.17 1.50 -6.67	31.64 1.80 -6.19	33.85 2.25 -3.13	36.53 2.34 -6.93	35.15 2.65 -3.02	34.11 2.55 -3.27	34.75 2.49 -3.96	35.12 2.49 -4.30	34.41 2.52 -3.59	33.12 2.61 -2.16	33.59 2.62 -2.86	35.61 2.45 -5.96	50.87 2.78 -19.71	63.56 2.96 -32.10	49.97 2.85 -18.63	42.16 2.65 -11.88	37.96 2.50 -8.83	32.66 1.88 -8.13	28.38 2.01 -5.64	24.29 1.68 -3.97
HUNTLEY___63 23557	21.47 -1.62 0.00	19.25 -1.29 0.00	18.66 -1.15 0.00	17.57 -1.26 -0.29	18.82 -1.28 -0.10	22.18 -1.47 0.00	27.38 -1.96 -0.88	26.50 -2.53 -1.78	26.48 -2.80 0.19	25.45 -2.74 0.10	26.51 -2.43 -0.65	25.28 -2.66 0.38	25.55 -2.74 0.00	25.33 -2.75 0.27	25.38 -2.76 -0.01	25.01 -2.58 -0.39	27.68 -2.81 -2.11	31.22 -2.31 -5.03	28.43 -1.99 -1.93	26.31 -2.43 -1.11	25.13 -2.05 -0.56	21.71 -1.81 -0.88	19.99 -1.60 -0.86	18.49 -1.27 -1.11
HUNTLEY___64 23558	21.47 -1.62 0.00	19.25 -1.29 0.00	18.66 -1.15 0.00	17.57 -1.26 -0.29	18.82 -1.28 -0.10	22.18 -1.47 0.00	27.38 -1.96 -0.88	26.50 -2.53 -1.78	26.48 -2.80 0.19	25.45 -2.74 0.10	26.51 -2.43 -0.65	25.28 -2.66 0.38	25.55 -2.74 0.00	25.33 -2.75 0.27	25.38 -2.76 -0.01	25.01 -2.58 -0.39	27.68 -2.81 -2.11	31.22 -2.31 -5.03	28.43 -1.99 -1.93	26.31 -2.43 -1.11	25.13 -2.05 -0.56	21.71 -1.81 -0.88	19.99 -1.60 -0.86	18.49 -1.27 -1.11
HUNTLEY___65 23559	21.47 -1.62 0.00	19.25 -1.29 0.00	18.66 -1.15 0.00	17.57 -1.26 -0.29	18.82 -1.28 -0.10	22.18 -1.47 0.00	27.38 -1.96 -0.88	26.50 -2.53 -1.78	26.48 -2.80 0.19	25.45 -2.74 0.10	26.51 -2.43 -0.65	25.28 -2.66 0.38	25.55 -2.74 0.00	25.33 -2.75 0.27	25.38 -2.76 -0.01	25.01 -2.58 -0.39	27.68 -2.81 -2.11	31.22 -2.31 -5.03	28.43 -1.99 -1.93	26.31 -2.43 -1.11	25.13 -2.05 -0.56	21.71 -1.81 -0.88	19.99 -1.60 -0.86	18.49 -1.27 -1.11
HUNTLEY___66 23560	21.47 -1.62 0.00	19.25 -1.29 0.00	18.66 -1.15 0.00	17.57 -1.26 -0.29	18.82 -1.28 -0.10	22.18 -1.47 0.00	27.38 -1.96 -0.88	26.50 -2.53 -1.78	26.48 -2.80 0.19	25.45 -2.74 0.10	26.51 -2.43 -0.65	25.28 -2.66 0.38	25.55 -2.74 0.00	25.33 -2.75 0.27	25.38 -2.76 -0.01	25.01 -2.58 -0.39	27.68 -2.81 -2.11	31.22 -2.31 -5.03	28.43 -1.99 -1.93	26.31 -2.43 -1.11	25.13 -2.05 -0.56	21.71 -1.81 -0.88	19.99 -1.60 -0.86	18.49 -1.27 -1.11
HUNTLEY___67 23561	21.41 -1.69 0.00	19.19 -1.36 0.00	18.58 -1.23 0.00	17.48 -1.35 -0.29	18.74 -1.36 -0.10	22.11 -1.54 0.00	27.25 -2.11 -0.89	26.43 -2.62 -1.79	26.39 -2.89 0.20	25.36 -2.83 0.11	26.36 -2.57 -0.64	25.19 -2.75 0.39	25.46 -2.83 0.01	25.25 -2.84 0.27	25.29 -2.84 -0.01	24.95 -2.64 -0.38	27.63 -2.87 -2.12	31.12 -2.42 -5.05	28.35 -2.08 -1.94	26.24 -2.51 -1.12	25.05 -2.13 -0.56	21.63 -1.90 -0.89	19.94 -1.66 -0.87	18.43 -1.34 -1.13
HUNTLEY___68 23562	21.41 -1.69 0.00	19.19 -1.36 0.00	18.58 -1.23 0.00	17.48 -1.35 -0.29	18.74 -1.36 -0.10	22.11 -1.54 0.00	27.25 -2.11 -0.89	26.43 -2.62 -1.79	26.39 -2.89 0.20	25.36 -2.83 0.11	26.36 -2.57 -0.64	25.19 -2.75 0.39	25.46 -2.83 0.01	25.25 -2.84 0.27	25.29 -2.84 -0.01	24.95 -2.64 -0.38	27.63 -2.87 -2.12	31.12 -2.42 -5.05	28.35 -2.08 -1.94	26.24 -2.51 -1.12	25.05 -2.13 -0.56	21.63 -1.90 -0.89	19.94 -1.66 -0.87	18.43 -1.34 -1.13
HYLAND___LFGE 323620	23.07 -0.02 0.00	20.49 -0.06 0.00	19.77 -0.04 0.00	18.74 -0.11 -0.31	20.11 0.00 -0.11	23.79 0.14 0.00	29.65 0.26 -0.93	29.31 0.03 -2.03	28.82 -0.29 0.36	27.31 -0.62 0.36	27.92 -0.82 -0.45	26.80 -0.85 0.67	27.20 -1.02 0.08	26.95 -1.05 0.35	26.94 -1.07 0.12	26.68 -0.68 -0.15	30.24 -0.54 -2.40	34.48 0.26 -5.73	31.26 0.57 -2.19	29.04 0.14 -1.26	27.52 0.27 -0.63	23.48 -0.09 -0.92	21.51 -0.12 -0.90	19.84 0.02 -1.17
INDECK___CORINTH 23802	24.66 1.57 0.00	21.93 1.38 0.00	21.12 1.31 0.00	21.22 1.26 -1.42	21.95 1.46 -0.49	25.49 1.85 0.00	34.01 1.51 -4.04	37.61 1.42 -8.94	33.84 1.59 -2.78	34.01 1.50 -4.22	35.00 1.58 -5.12	34.15 1.73 -4.10	31.63 1.73 -1.61	30.94 1.42 -1.18	31.57 1.35 -2.10	33.35 1.33 -4.81	39.91 0.94 -10.60	54.84 1.05 -25.29	39.23 1.05 -9.68	34.17 0.97 -5.58	31.12 1.73 -2.77	27.90 1.22 -4.03	25.85 1.18 -3.94	24.95 1.19 -5.11

INDECK___ILION 23567	23.41 0.32 0.00	20.82 0.27 0.00	20.07 0.26 0.00	18.81 0.24 -0.03	20.27 0.26 -0.01	23.95 0.31 0.00	28.96 0.43 -0.07	27.82 0.41 -0.15	29.87 0.35 -0.05	28.74 0.37 -0.07	28.78 0.40 -0.09	28.82 0.42 -0.07	28.80 0.48 -0.03	28.88 0.51 -0.02	28.61 0.45 -0.04	27.70 0.41 -0.08	28.99 0.43 -0.18	29.41 0.48 -0.43	29.15 0.48 -0.17	28.14 0.41 -0.10	27.07 0.40 -0.05	23.14 0.43 -0.07	21.35 0.39 -0.22	19.07 0.34 -0.09
INDECK___OLEAN 23982	21.98 -1.11 0.00	19.62 -0.92 0.00	18.96 -0.85 0.00	17.45 -1.41 -0.31	18.65 -1.46 -0.11	22.70 -0.95 0.00	27.53 -1.88 -0.94	27.11 -2.10 -1.96	26.97 -2.33 0.17	26.12 -2.09 0.08	26.50 -2.46 -0.67	25.73 -2.24 0.36	26.07 -2.24 -0.01	25.80 -2.30 0.25	25.84 -2.31 -0.02	25.00 -2.61 -0.41	28.46 -2.24 -2.32	32.17 -1.85 -5.53	28.91 -1.71 -2.12	26.70 -2.16 -1.22	25.40 -1.84 -0.61	21.84 -1.74 -0.94	20.05 -1.60 -0.91	18.43 -1.40 -1.19
INDECK___OSWEGO 23783	22.65 -0.44 0.00	20.16 -0.39 0.00	19.46 -0.36 0.00	18.38 -0.35 -0.19	19.71 -0.36 -0.07	23.20 -0.45 0.00	28.51 -0.51 -0.56	27.86 -0.63 -1.23	29.06 -0.79 -0.39	28.09 -0.79 -0.59	28.24 -0.76 -0.71	28.13 -0.76 -0.57	27.73 -0.79 -0.22	27.72 -0.79 -0.16	27.63 -0.79 -0.29	27.14 -0.73 -0.67	29.07 -0.76 -1.46	31.35 -0.63 -3.48	29.17 -0.65 -1.33	27.68 -0.72 -0.77	26.34 -0.66 -0.38	22.74 -0.45 -0.55	20.83 -0.37 -0.47	19.04 -0.30 -0.69
INDECK___YERKES 23781	21.52 -1.57 0.00	19.28 -1.27 0.00	18.68 -1.13 0.00	17.57 -1.26 -0.29	18.84 -1.26 -0.10	22.23 -1.42 0.00	27.41 -1.94 -0.88	26.67 -2.37 -1.78	26.48 -2.80 0.19	25.42 -2.77 0.10	26.11 -2.83 -0.65	25.25 -2.69 0.38	25.49 -2.80 0.00	25.31 -2.78 0.27	25.32 -2.81 -0.01	25.12 -2.48 -0.39	27.68 -2.81 -2.11	31.25 -2.28 -5.03	28.46 -1.97 -1.93	26.34 -2.40 -1.11	25.13 -2.05 -0.56	21.73 -1.79 -0.87	20.01 -1.58 -0.85	18.50 -1.25 -1.11
INDIAN POINT_GT_1 24139	24.22 1.13 0.00	21.58 1.03 0.00	20.78 0.97 0.00	20.58 0.95 -1.09	21.44 1.06 -0.37	24.92 1.28 0.00	33.25 1.68 -3.10	35.85 1.74 -6.85	33.51 1.92 -2.13	33.42 1.90 -3.23	34.05 1.84 -3.92	33.30 1.84 -3.14	31.37 1.84 -1.23	31.15 1.90 -0.90	31.61 1.88 -1.61	32.66 1.77 -3.68	38.52 2.01 -8.13	50.03 2.14 -19.40	37.97 2.05 -7.43	33.82 1.91 -4.28	30.50 1.76 -2.12	27.17 1.43 -3.10	25.04 1.29 -3.03	23.61 1.04 -3.92
INDIAN POINT_GT_2 23659	24.22 1.13 0.00	21.58 1.03 0.00	20.78 0.97 0.00	20.58 0.95 -1.09	21.44 1.06 -0.37	24.92 1.28 0.00	33.25 1.68 -3.10	35.85 1.74 -6.85	33.51 1.92 -2.13	33.42 1.90 -3.23	34.05 1.84 -3.92	33.30 1.84 -3.14	31.37 1.84 -1.23	31.15 1.90 -0.90	31.61 1.88 -1.61	32.66 1.77 -3.68	38.52 2.01 -8.13	50.03 2.14 -19.40	37.97 2.05 -7.43	33.82 1.91 -4.28	30.50 1.76 -2.12	27.17 1.43 -3.10	25.04 1.29 -3.03	23.61 1.04 -3.92
INDIAN POINT_GT_3 24019	24.22 1.13 0.00	21.58 1.03 0.00	20.78 0.97 0.00	20.58 0.95 -1.09	21.44 1.06 -0.37	24.92 1.28 0.00	33.25 1.68 -3.10	35.85 1.74 -6.85	33.51 1.92 -2.13	33.42 1.90 -3.23	34.05 1.84 -3.92	33.30 1.84 -3.14	31.37 1.84 -1.23	31.15 1.90 -0.90	31.61 1.88 -1.61	32.66 1.77 -3.68	38.52 2.01 -8.13	50.03 2.14 -19.40	37.97 2.05 -7.43	33.82 1.91 -4.28	30.50 1.76 -2.12	27.17 1.43 -3.10	25.04 1.29 -3.03	23.61 1.04 -3.92
INDIAN POINT___2 23530	24.20 1.11 0.00	21.56 1.01 0.00	20.76 0.95 0.00	20.52 0.91 -1.07	21.39 1.02 -0.37	24.88 1.23 0.00	33.17 1.65 -3.05	35.75 1.75 -6.75	33.42 1.86 -2.09	33.32 1.84 -3.18	33.91 1.75 -3.86	33.17 1.76 -3.09	31.29 1.78 -1.22	31.08 1.84 -0.89	31.53 1.83 -1.58	32.55 1.72 -3.62	38.34 1.96 -8.01	49.71 2.11 -19.11	37.83 2.02 -7.31	33.72 1.88 -4.21	30.44 1.73 -2.09	27.10 1.40 -3.05	24.99 1.29 -2.98	23.53 1.02 -3.86
INDIAN POINT___3 23531	24.20 1.11 0.00	21.58 1.03 0.00	20.76 0.95 0.00	20.56 0.93 -1.09	21.42 1.04 -0.37	24.90 1.25 0.00	33.22 1.65 -3.10	35.83 1.72 -6.86	33.46 1.86 -2.13	33.37 1.84 -3.23	34.00 1.78 -3.92	33.25 1.78 -3.14	31.34 1.81 -1.24	31.12 1.87 -0.90	31.59 1.86 -1.61	32.63 1.74 -3.68	38.50 1.99 -8.13	49.99 2.08 -19.41	37.95 2.02 -7.43	33.79 1.88 -4.28	30.50 1.76 -2.12	27.15 1.40 -3.10	25.04 1.29 -3.03	23.60 1.03 -3.93
INGHAM_C_115KV_TB7 356103	23.67 0.58 0.00	21.02 0.47 0.00	20.25 0.44 0.00	18.96 0.39 -0.03	20.43 0.42 -0.01	24.17 0.52 0.00	29.25 0.71 -0.07	28.06 0.65 -0.15	30.05 0.53 -0.05	28.93 0.57 -0.07	29.03 0.65 -0.09	29.13 0.74 -0.07	29.14 0.82 -0.03	29.25 0.88 -0.02	28.97 0.82 -0.04	27.97 0.68 -0.08	29.24 0.68 -0.18	29.70 0.77 -0.43	29.43 0.77 -0.17	28.42 0.69 -0.10	27.36 0.69 -0.05	23.46 0.75 -0.07	21.66 0.70 -0.22	19.37 0.63 -0.09
IP CORINTH___1 23988	24.66 1.57 0.00	21.95 1.40 0.00	21.12 1.31 0.00	21.22 1.26 -1.42	21.95 1.46 -0.49	25.49 1.84 0.00	34.19 1.68 -4.04	37.77 1.58 -8.94	34.02 1.77 -2.78	34.18 1.67 -4.22	35.17 1.75 -5.12	34.32 1.90 -4.10	31.77 1.87 -1.61	31.09 1.56 -1.18	31.74 1.52 -2.10	33.51 1.50 -4.81	40.06 1.08 -10.60	55.01 1.23 -25.29	39.40 1.23 -9.68	34.31 1.11 -5.58	31.12 1.73 -2.77	27.90 1.22 -4.03	25.85 1.18 -3.94	24.93 1.17 -5.11
IP___TICONDEROGA 23804	25.63 2.54 0.00	22.77 2.22 0.00	21.89 2.08 0.00	21.95 1.98 -1.42	22.83 2.34 -0.49	26.60 2.96 0.00	35.72 3.22 -4.03	39.29 3.11 -8.92	35.66 3.42 -2.77	35.71 3.20 -4.22	36.77 3.37 -5.11	35.93 3.51 -4.09	33.33 3.42 -1.61	32.56 3.03 -1.18	33.14 2.92 -2.10	34.89 2.88 -4.80	41.40 2.44 -10.58	56.49 2.74 -25.26	40.90 2.74 -9.67	35.66 2.46 -5.57	32.34 2.96 -2.76	28.87 2.20 -4.03	26.60 1.93 -3.94	25.52 1.77 -5.11
ISLIP_RES_REC 323679	29.94 1.59 -5.26	28.08 1.54 -5.99	27.45 1.47 -6.17	26.51 1.41 -6.55	28.19 1.52 -6.67	31.83 1.99 -6.19	34.19 2.59 -3.13	36.81 2.62 -6.93	35.41 2.92 -3.02	34.34 2.77 -3.27	34.95 2.69 -3.96	35.32 2.69 -4.30	34.60 2.72 -3.59	33.32 2.81 -2.16	33.79 2.81 -2.86	35.86 2.69 -5.96	51.12 3.04 -19.71	63.85 3.25 -32.10	50.23 3.11 -18.63	42.41 2.90 -11.88	38.20 2.74 -8.83	32.84 2.06 -8.13	28.46 2.09 -5.64	24.38 1.77 -3.97
JAMAICA__27_KV_LOAD 355505	24.43 1.34 0.00	21.78 1.23 0.00	20.96 1.15 0.00	20.74 1.09 -1.10	21.60 1.22 -0.38	25.18 1.54 0.00	33.71 2.11 -3.14	36.51 2.32 -6.93	34.22 2.59 -2.15	34.17 2.60 -3.27	34.75 2.49 -3.97	34.02 2.52 -3.17	32.06 2.52 -1.25	31.84 2.58 -0.91	32.31 2.56 -1.63	33.33 2.39 -3.72	39.33 2.72 -8.23	51.00 2.88 -19.63	38.77 2.76 -7.51	34.56 2.60 -4.33	31.14 2.37 -2.15	27.66 1.88 -3.13	25.22 1.43 -3.06	23.72 1.10 -3.97
JANIS___SOLAR 323808	24.08 0.99 0.00	21.41 0.86 0.00	20.62 0.81 0.00	19.63 0.69 -0.40	20.92 0.78 -0.14	24.71 1.07 0.00	31.13 1.51 -1.15	31.16 1.36 -2.54	32.44 1.15 -1.83	31.90 0.96 -2.64	31.65 0.96 -2.39	32.13 0.96 -2.85	30.14 0.91 -0.94	30.23 0.93 -0.94	30.29 0.90 -1.27	30.69 0.98 -2.51	32.55 1.16 -3.01	37.27 1.59 -7.19	32.81 1.57 -2.75	30.52 1.30 -1.58	28.64 1.23 -0.79	24.77 0.97 -1.15	22.66 0.81 -1.12	20.85 0.75 -1.46

JARVIS____ 23743	23.16 0.07 0.00	20.61 0.06 0.00	19.87 0.06 0.00	18.63 0.06 -0.03	20.07 0.06 -0.01	23.72 0.07 0.00	28.68 0.14 -0.07	27.55 0.14 -0.15	29.64 0.12 -0.05	28.48 0.11 -0.07	28.50 0.11 -0.09	28.51 0.11 -0.07	28.46 0.14 -0.03	28.51 0.14 -0.02	28.30 0.14 -0.04	27.43 0.14 -0.08	28.70 0.14 -0.18	29.10 0.17 -0.43	28.83 0.17 -0.17	27.87 0.14 -0.10	26.80 0.13 -0.05	22.84 0.11 -0.08	21.07 0.10 -0.24	18.84 0.09 -0.10
JENNISON____1 23625	24.25 1.15 0.00	21.54 0.99 0.00	20.80 0.99 0.00	19.85 0.83 -0.48	21.09 0.92 -0.16	24.88 1.23 0.00	31.57 1.74 -1.37	31.84 1.58 -3.00	32.25 1.47 -1.31	31.60 1.36 -1.95	31.89 1.44 -2.15	31.71 1.42 -1.97	30.41 1.39 -0.73	30.40 1.45 -0.60	30.49 1.41 -0.96	30.74 1.44 -2.09	33.50 1.56 -3.56	38.91 1.91 -8.50	33.60 1.85 -3.26	31.08 1.58 -1.88	29.05 1.49 -0.93	25.19 1.18 -1.36	23.06 1.00 -1.33	21.23 0.86 -1.73
JENNISON____2 23626	24.25 1.15 0.00	21.54 0.99 0.00	20.80 0.99 0.00	19.85 0.83 -0.48	21.09 0.92 -0.16	24.88 1.23 0.00	31.57 1.74 -1.37	31.84 1.58 -3.00	32.25 1.47 -1.31	31.60 1.36 -1.95	31.89 1.44 -2.15	31.71 1.42 -1.97	30.41 1.39 -0.73	30.40 1.45 -0.60	30.49 1.41 -0.96	30.74 1.44 -2.09	33.50 1.56 -3.56	38.91 1.91 -8.50	33.60 1.85 -3.26	31.08 1.58 -1.88	29.05 1.49 -0.93	25.19 1.18 -1.36	23.06 1.00 -1.33	21.23 0.86 -1.73
JERICHO_RISE_WT_PWR 323719	23.27 0.18 0.00	20.53 -0.02 0.00	19.69 -0.12 0.00	18.32 -0.22 0.00	19.58 -0.42 0.00	23.20 -0.45 0.00	27.84 -0.63 0.00	26.55 -0.71 0.00	28.97 -0.50 0.00	28.13 -0.17 0.00	28.38 0.09 0.00	28.55 0.23 0.00	28.58 0.28 0.00	28.52 0.17 0.00	28.09 -0.03 0.00	26.94 -0.27 0.00	27.90 -0.48 0.00	27.64 -0.85 0.00	27.58 -0.91 0.00	26.89 -0.74 0.00	25.75 -0.88 0.00	21.72 -0.93 0.00	16.91 -1.04 2.79	-1.15 -0.95 18.84
KATONAH____115KV_46KV_TB4 355592	24.38 1.29 0.00	21.70 1.15 0.00	20.90 1.09 0.00	20.72 1.06 -1.12	21.61 1.22 -0.38	25.14 1.49 0.00	33.58 1.94 -3.18	36.31 2.02 -7.03	33.86 2.21 -2.18	33.85 2.24 -3.32	34.47 2.15 -4.02	33.69 2.15 -3.22	31.57 2.01 -1.27	31.35 2.07 -0.92	31.83 2.05 -1.65	32.92 1.93 -3.78	38.91 2.19 -8.34	50.82 2.42 -19.91	38.37 2.25 -7.62	34.09 2.07 -4.39	30.74 1.94 -2.18	27.38 1.56 -3.18	25.20 1.37 -3.10	23.79 1.12 -4.03
KCE_NY_1 323755	24.41 1.32 0.00	21.74 1.19 0.00	20.94 1.13 0.00	21.05 1.09 -1.42	21.73 1.24 -0.48	25.21 1.56 0.00	34.29 1.79 -4.03	37.94 1.77 -8.91	34.16 1.91 -2.77	34.32 1.81 -4.21	35.27 1.87 -5.11	34.33 1.93 -4.09	31.80 1.90 -1.61	31.31 1.79 -1.17	31.96 1.74 -2.10	33.72 1.72 -4.79	40.57 1.62 -10.57	55.42 1.71 -25.22	39.89 1.74 -9.65	34.79 1.60 -5.56	31.14 1.76 -2.76	27.98 1.31 -4.02	25.82 1.16 -3.93	24.79 1.04 -5.10
KCE_NY_6_ESR 323823	21.71 -1.38 0.00	19.44 -1.11 0.00	18.82 -0.99 0.00	17.62 -1.22 -0.30	18.87 -1.24 -0.10	22.44 -1.21 0.00	27.55 -1.82 -0.90	26.94 -2.15 -1.84	26.74 -2.53 0.20	25.72 -2.46 0.11	26.36 -2.57 -0.64	25.49 -2.44 0.39	25.74 -2.55 0.01	25.56 -2.52 0.27	25.57 -2.56 -0.01	25.22 -2.37 -0.38	28.04 -2.53 -2.18	31.64 -2.05 -5.20	28.72 -1.77 -1.99	26.57 -2.21 -1.15	25.33 -1.86 -0.57	21.84 -1.70 -0.90	20.11 -1.49 -0.88	18.57 -1.21 -1.14
KEDC_PORT_JEFF_GT2 24210	29.85 1.50 -5.26	27.99 1.46 -5.99	27.37 1.39 -6.17	26.43 1.34 -6.55	28.11 1.44 -6.67	31.69 1.85 -6.19	34.02 2.42 -3.13	36.61 2.42 -6.93	35.21 2.71 -3.02	34.11 2.55 -3.27	34.75 2.49 -3.96	35.12 2.49 -4.30	34.41 2.52 -3.59	33.12 2.61 -2.16	33.59 2.62 -2.86	35.67 2.50 -5.96	50.90 2.81 -19.71	63.62 3.02 -32.10	50.00 2.88 -18.63	42.19 2.68 -11.88	37.98 2.53 -8.83	32.70 1.92 -8.13	28.36 1.99 -5.64	24.29 1.68 -3.97
KEDC_PORT_JEFF_GT3 24211	29.85 1.50 -5.26	27.99 1.46 -5.99	27.37 1.39 -6.17	26.43 1.34 -6.55	28.11 1.44 -6.67	31.69 1.85 -6.19	34.02 2.42 -3.13	36.61 2.42 -6.93	35.21 2.71 -3.02	34.11 2.55 -3.27	34.75 2.49 -3.96	35.12 2.49 -4.30	34.41 2.52 -3.59	33.12 2.61 -2.16	33.59 2.62 -2.86	35.67 2.50 -5.96	50.90 2.81 -19.71	63.62 3.02 -32.10	50.00 2.88 -18.63	42.19 2.68 -11.88	37.98 2.53 -8.83	32.70 1.92 -8.13	28.36 1.99 -5.64	24.29 1.68 -3.97
KEDC_GLWD_GT4 24219	30.04 1.68 -5.26	28.06 1.52 -5.99	27.43 1.45 -6.17	26.47 1.37 -6.55	28.19 1.52 -6.67	31.69 1.85 -6.19	33.99 2.39 -3.13	36.67 2.48 -6.93	35.27 2.77 -3.02	34.25 2.69 -3.27	34.92 2.66 -3.96	35.32 2.69 -4.30	34.58 2.69 -3.59	33.23 2.72 -2.16	33.68 2.70 -2.86	35.70 2.53 -5.96	50.92 2.84 -19.71	63.59 2.99 -32.10	50.03 2.91 -18.63	42.22 2.71 -11.88	37.98 2.53 -8.83	32.79 2.01 -8.13	28.09 1.72 -5.64	24.05 1.44 -3.97
KEDC_GLWD_GT5 24220	30.04 1.68 -5.26	28.06 1.52 -5.99	27.43 1.45 -6.17	26.47 1.37 -6.55	28.19 1.52 -6.67	31.69 1.85 -6.19	33.99 2.39 -3.13	36.67 2.48 -6.93	35.27 2.77 -3.02	34.25 2.69 -3.27	34.92 2.66 -3.96	35.32 2.69 -4.30	34.58 2.69 -3.59	33.23 2.72 -2.16	33.68 2.70 -2.86	35.70 2.53 -5.96	50.92 2.84 -19.71	63.59 2.99 -32.10	50.03 2.91 -18.63	42.22 2.71 -11.88	37.98 2.53 -8.83	32.79 2.01 -8.13	28.09 1.72 -5.64	24.05 1.44 -3.97
KENSICO____ 23655	24.29 1.20 0.00	21.64 1.09 0.00	20.84 1.03 0.00	20.64 1.00 -1.10	21.50 1.12 -0.38	24.99 1.35 0.00	33.39 1.79 -3.13	36.05 1.88 -6.92	33.65 2.03 -2.15	33.57 2.01 -3.26	34.20 1.95 -3.96	33.47 1.98 -3.17	31.52 1.98 -1.25	31.27 2.01 -0.91	31.74 2.00 -1.62	32.83 1.90 -3.71	38.71 2.13 -8.21	50.32 2.25 -19.58	38.15 2.17 -7.49	33.97 2.02 -4.32	30.63 1.86 -2.14	27.26 1.49 -3.12	25.15 1.37 -3.05	23.71 1.10 -3.96
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	24.38 1.29 0.00	21.72 1.17 0.00	20.90 1.09 0.00	20.59 1.02 -1.02	21.53 1.18 -0.35	25.04 1.40 0.00	33.24 1.85 -2.92	35.56 1.85 -6.46	33.36 1.92 -1.98	33.17 1.87 -3.00	33.67 1.73 -3.64	32.97 1.73 -2.92	31.11 1.67 -1.15	30.97 1.79 -0.84	31.39 1.77 -1.50	32.37 1.74 -3.42	38.02 1.99 -7.66	48.90 2.14 -18.27	37.54 2.05 -6.99	33.59 1.93 -4.03	30.38 1.76 -2.00	27.08 1.52 -2.91	24.89 1.31 -2.85	23.40 1.06 -3.70
KIAC_JFK_GT1 23816	24.38 1.29 0.00	21.72 1.17 0.00	20.90 1.09 0.00	20.70 1.06 -1.10	21.56 1.18 -0.38	25.11 1.47 0.00	33.65 2.05 -3.14	36.43 2.23 -6.93	34.16 2.53 -2.15	34.11 2.55 -3.27	34.69 2.43 -3.97	33.96 2.46 -3.17	32.01 2.52 -1.25	31.79 2.50 -0.91	32.25 2.50 -1.63	33.27 2.34 -3.72	39.24 2.64 -8.23	50.91 2.79 -19.63	38.71 2.71 -7.51	34.47 2.51 -4.33	31.06 2.29 -2.15	27.59 1.81 -3.13	25.16 1.37 -3.06	23.66 1.04 -3.97
KIAC_JFK_GT2 23817	24.38 1.29 0.00	21.72 1.17 0.00	20.90 1.09 0.00	20.70 1.06 -1.10	21.56 1.18 -0.38	25.11 1.47 0.00	33.65 2.05 -3.14	36.43 2.23 -6.93	34.16 2.53 -2.15	34.11 2.55 -3.27	34.69 2.43 -3.97	33.96 2.46 -3.17	32.01 2.52 -1.25	31.79 2.50 -0.91	32.25 2.50 -1.63	33.27 2.34 -3.72	39.24 2.64 -8.23	50.91 2.79 -19.63	38.71 2.71 -7.51	34.47 2.51 -4.33	31.06 2.29 -2.15	27.59 1.81 -3.13	25.16 1.37 -3.06	23.66 1.04 -3.97

KIAC_JFK____ 323774	24.36 1.27 0.00	21.72 1.17 0.00	20.90 1.09 0.00	20.70 1.06 -1.10	21.54 1.16 -0.38	25.11 1.47 0.00	33.65 2.05 -3.14	36.45 2.26 -6.93	34.16 2.53 -2.15	34.11 2.55 -3.27	34.66 2.40 -3.97	33.96 2.46 -3.17	32.00 2.46 -1.25	31.78 2.52 -0.91	32.25 2.50 -1.63	33.24 2.31 -3.72	39.24 2.64 -8.23	50.91 2.79 -19.63	38.72 2.71 -7.51	34.47 2.51 -4.33	31.09 2.32 -2.15	27.59 1.81 -3.13	25.16 1.37 -3.06	23.66 1.04 -3.97
KINTIGH____ 23543	21.52 -1.57 0.00	19.28 -1.27 0.00	18.68 -1.13 0.00	17.72 -1.09 -0.27	19.04 -1.06 -0.09	22.23 -1.42 0.00	27.54 -1.76 -0.84	26.88 -2.32 -1.94	26.61 -2.68 0.18	25.54 -2.69 0.07	26.69 -2.26 -0.66	25.37 -2.61 0.35	25.61 -2.69 0.00	25.45 -2.64 0.26	25.48 -2.67 -0.03	25.04 -2.58 -0.41	28.13 -2.55 -2.30	31.91 -2.08 -5.49	28.83 -1.77 -2.10	26.63 -2.21 -1.21	25.36 -1.86 -0.60	21.85 -1.63 -0.83	20.14 -1.41 -0.82	18.58 -1.12 -1.06
KNTFSRNC_46_KV_46KV_LOAD 80397	23.58 0.48 0.00	20.78 0.23 0.00	19.93 0.12 0.00	18.53 -0.02 0.00	19.80 -0.20 0.00	23.50 -0.14 0.00	28.24 -0.23 0.00	26.93 -0.33 0.00	29.32 -0.15 0.00	28.46 0.17 0.00	28.69 0.40 0.00	28.92 0.59 0.00	28.95 0.65 0.00	28.89 0.54 0.00	28.43 0.31 0.00	27.29 0.08 0.00	28.27 -0.11 0.00	28.01 -0.48 0.00	27.95 -0.54 0.00	27.24 -0.39 0.00	26.06 -0.56 0.00	21.97 -0.68 0.00	17.05 -0.85 2.83	0.01 -0.78 17.85
LACHUTE____HYDRO 323717	25.63 2.54 0.00	22.77 2.22 0.00	21.89 2.08 0.00	21.95 1.99 -1.42	22.83 2.34 -0.49	26.60 2.96 0.00	35.72 3.22 -4.03	39.31 3.13 -8.92	35.66 3.42 -2.77	35.71 3.20 -4.22	36.72 3.31 -5.11	35.93 3.51 -4.09	33.33 3.42 -1.61	32.56 3.04 -1.18	33.12 2.90 -2.10	34.86 2.86 -4.80	41.41 2.44 -10.58	56.49 2.74 -25.26	40.90 2.74 -9.67	35.66 2.46 -5.57	32.34 2.95 -2.76	28.87 2.20 -4.03	26.59 1.93 -3.94	25.52 1.77 -5.11
LAWRNCALV_115KV_TB1 80681	23.18 0.09 0.00	20.55 0.00 0.00	19.77 -0.04 0.00	18.52 -0.06 -0.03	19.89 -0.12 -0.01	23.58 -0.07 0.00	28.46 -0.09 -0.07	27.42 0.00 -0.16	29.55 0.03 -0.05	28.46 0.08 -0.08	28.47 0.08 -0.10	28.51 0.11 -0.08	28.47 0.14 -0.03	28.43 0.06 -0.02	28.10 -0.06 -0.04	27.08 -0.22 -0.09	28.29 -0.28 -0.20	28.56 -0.40 -0.47	28.27 -0.40 -0.18	27.49 -0.25 -0.10	26.33 -0.35 -0.05	22.49 -0.23 -0.07	18.18 -0.23 2.32	20.80 -0.21 -2.36
LEDERLE____ 23769	24.27 1.18 0.00	21.62 1.07 0.00	20.80 0.99 0.00	20.56 0.96 -1.05	21.44 1.08 -0.36	24.95 1.30 0.00	33.18 1.71 -3.00	35.65 1.74 -6.65	33.42 1.89 -2.06	33.29 1.87 -3.13	33.90 1.81 -3.80	33.18 1.81 -3.04	31.30 1.90 -1.20	31.12 1.88 -0.87	31.57 1.77 -1.56	32.54 1.77 -3.57	38.30 2.04 -7.88	49.47 2.17 -18.81	37.77 2.08 -7.20	33.71 1.93 -4.15	30.49 1.81 -2.06	27.14 1.49 -3.00	25.01 1.35 -2.93	23.51 1.06 -3.80
LIGHTHSE_115KV_TB6 355974	22.95 -0.14 0.00	20.41 -0.14 0.00	19.69 -0.12 0.00	18.60 -0.13 -0.18	19.95 -0.12 -0.06	23.53 -0.12 0.00	28.99 0.00 -0.52	28.28 -0.14 -1.16	29.51 -0.32 -0.36	28.48 -0.37 -0.55	28.68 -0.28 -0.67	28.49 -0.37 -0.54	28.08 -0.42 -0.21	28.11 -0.40 -0.15	27.98 -0.42 -0.28	27.43 -0.41 -0.63	29.39 -0.37 -1.38	31.61 -0.17 -3.29	29.58 -0.17 -1.26	28.08 -0.28 -0.72	26.72 -0.27 -0.36	23.01 -0.16 -0.52	20.95 -0.12 -0.34	19.24 -0.07 -0.66
LINDEN COGEN____ 23786	24.34 1.25 0.00	21.68 1.13 0.00	20.88 1.07 0.00	20.68 1.04 -1.10	21.52 1.14 -0.38	24.99 1.35 0.00	33.45 1.85 -3.14	36.18 1.99 -6.93	33.80 2.18 -2.15	33.74 2.18 -3.27	34.32 2.06 -3.97	33.59 2.10 -3.17	31.67 2.12 -1.25	31.42 2.15 -0.91	31.89 2.14 -1.63	32.92 1.99 -3.72	38.85 2.24 -8.23	50.51 2.39 -19.63	38.26 2.25 -7.51	34.09 2.13 -4.33	30.66 1.89 -2.15	27.32 1.54 -3.13	25.18 1.39 -3.06	23.71 1.10 -3.97
LINDHRST_69_KV_BK1 356055	30.08 1.73 -5.26	28.12 1.58 -5.99	27.47 1.49 -6.17	26.52 1.43 -6.55	28.25 1.58 -6.67	31.78 1.94 -6.19	34.11 2.51 -3.13	36.72 2.53 -6.93	35.35 2.86 -3.02	34.34 2.77 -3.27	35.00 2.74 -3.96	35.37 2.75 -4.30	34.63 2.74 -3.59	33.32 2.81 -2.16	33.76 2.78 -2.86	35.83 2.67 -5.96	51.07 2.98 -19.71	63.73 3.13 -32.10	50.17 3.05 -18.63	42.36 2.85 -11.88	38.14 2.69 -8.83	32.88 2.11 -8.13	25.86 2.07 -3.06	24.35 1.73 -3.97
LIPA_MISC_IPP 23656	29.67 1.32 -5.26	27.91 1.38 -5.99	27.27 1.29 -6.17	26.36 1.26 -6.55	28.07 1.40 -6.67	31.54 1.70 -6.19	33.94 2.33 -3.13	36.42 2.23 -6.93	34.94 2.45 -3.02	33.88 2.32 -3.27	34.49 2.24 -3.96	34.83 2.21 -4.30	34.12 2.24 -3.59	32.89 2.38 -2.16	33.40 2.42 -2.86	35.48 2.31 -5.96	50.64 2.55 -19.71	63.36 2.76 -32.10	49.74 2.62 -18.63	41.94 2.43 -11.88	37.74 2.29 -8.83	32.57 1.79 -8.13	25.63 1.84 -3.06	24.20 1.58 -3.97
LISF____SOLAR 323691	29.69 1.34 -5.26	27.93 1.40 -5.99	27.29 1.31 -6.17	26.38 1.28 -6.55	28.01 1.34 -6.67	31.64 1.80 -6.19	33.99 2.39 -3.13	36.50 2.32 -6.93	34.97 2.48 -3.02	33.88 2.32 -3.27	34.47 2.21 -3.96	34.83 2.21 -4.30	34.12 2.23 -3.59	32.89 2.38 -2.16	33.37 2.39 -2.86	35.45 2.29 -5.96	50.67 2.58 -19.71	63.39 2.79 -32.10	49.77 2.65 -18.63	42.00 2.49 -11.88	37.80 2.34 -8.83	32.61 1.83 -8.13	28.26 1.89 -5.64	24.23 1.62 -3.97
LITTLE FALLS____HYD 24013	23.67 0.58 0.00	21.02 0.47 0.00	20.25 0.44 0.00	18.96 0.39 -0.03	20.43 0.42 -0.01	24.17 0.52 0.00	29.25 0.71 -0.07	28.06 0.65 -0.15	30.05 0.53 -0.05	28.93 0.57 -0.07	29.03 0.65 -0.09	29.13 0.74 -0.07	29.14 0.82 -0.03	29.25 0.88 -0.02	28.97 0.82 -0.04	27.97 0.68 -0.08	29.24 0.68 -0.18	29.70 0.77 -0.43	29.43 0.77 -0.17	28.42 0.69 -0.10	27.36 0.69 -0.05	23.46 0.75 -0.07	21.66 0.70 -0.22	19.37 0.63 -0.09
LITTLRIV_115KV_TB1 356100	23.44 0.35 0.00	20.75 0.21 0.00	19.99 0.18 0.00	18.72 0.15 -0.03	20.11 0.10 -0.01	23.86 0.21 0.00	28.86 0.31 -0.08	27.81 0.38 -0.18	29.88 0.35 -0.06	28.77 0.40 -0.08	28.82 0.42 -0.10	28.83 0.42 -0.08	28.81 0.48 -0.03	28.77 0.40 -0.02	28.42 0.25 -0.04	27.41 0.11 -0.10	28.62 0.03 -0.21	28.93 -0.06 -0.50	28.63 -0.06 -0.19	27.82 0.08 -0.11	26.65 -0.03 -0.05	22.79 0.07 -0.08	18.46 0.00 2.27	21.23 -0.02 -2.60
LI_NEWBRDGE____DRP 323616	29.90 1.55 -5.26	27.95 1.42 -5.99	27.31 1.33 -6.17	26.38 1.28 -6.55	28.09 1.42 -6.67	31.54 1.70 -6.19	33.76 2.16 -3.13	36.42 2.23 -6.93	35.00 2.51 -3.02	34.02 2.46 -3.27	34.66 2.41 -3.96	35.03 2.41 -4.30	34.32 2.43 -3.59	32.98 2.47 -2.16	33.42 2.45 -2.86	35.50 2.34 -5.96	50.67 2.58 -19.71	63.33 2.74 -32.10	49.77 2.65 -18.63	41.97 2.46 -11.88	37.74 2.29 -8.83	32.61 1.83 -8.13	25.59 1.80 -3.06	24.13 1.51 -3.97
LOCKPORT_115KV_TB60_63_64 80432	21.36 -1.73 0.00	19.15 -1.40 0.00	18.56 -1.25 0.00	17.49 -1.34 -0.28	18.78 -1.32 -0.10	22.09 -1.56 0.00	27.28 -2.05 -0.86	26.38 -2.64 -1.77	26.36 -2.92 0.19	25.31 -2.89 0.09	26.37 -2.57 -0.65	25.14 -2.80 0.38	25.40 -2.89 0.00	25.19 -2.89 0.27	25.24 -2.90 -0.02	24.88 -2.72 -0.39	27.56 -2.92 -2.10	31.08 -2.42 -5.01	28.33 -2.08 -1.92	26.20 -2.54 -1.11	25.05 -2.13 -0.55	21.61 -1.90 -0.86	19.91 -1.66 -0.84	18.43 -1.31 -1.09

LOCKPORT___CC1 323769	21.38 -1.71 0.00	19.15 -1.40 0.00	18.56 -1.25 0.00	17.49 -1.34 -0.29	18.78 -1.32 -0.10	22.11 -1.54 0.00	27.26 -2.08 -0.87	26.55 -2.48 -1.77	26.30 -2.98 0.20	25.25 -2.94 0.10	25.94 -3.00 -0.65	25.05 -2.89 0.38	25.32 -2.97 0.01	25.13 -2.95 0.27	25.15 -2.98 -0.01	24.99 -2.61 -0.39	27.53 -2.95 -2.10	31.05 -2.45 -5.00	28.31 -2.11 -1.92	26.17 -2.57 -1.11	25.02 -2.16 -0.55	21.60 -1.90 -0.86	19.89 -1.68 -0.84	18.41 -1.32 -1.09
LOCKPORT___CC2 323770	21.38 -1.71 0.00	19.15 -1.40 0.00	18.56 -1.25 0.00	17.49 -1.34 -0.29	18.78 -1.32 -0.10	22.11 -1.54 0.00	27.26 -2.08 -0.87	26.55 -2.48 -1.77	26.30 -2.98 0.20	25.25 -2.94 0.10	25.94 -3.00 -0.65	25.05 -2.89 0.38	25.32 -2.97 0.01	25.13 -2.95 0.27	25.15 -2.98 -0.01	24.99 -2.61 -0.39	27.53 -2.95 -2.10	31.05 -2.45 -5.00	28.31 -2.11 -1.92	26.17 -2.57 -1.11	25.02 -2.16 -0.55	21.60 -1.90 -0.86	19.89 -1.68 -0.84	18.41 -1.32 -1.09
LOCKPORT___CC3 323771	21.38 -1.71 0.00	19.15 -1.40 0.00	18.56 -1.25 0.00	17.49 -1.34 -0.29	18.78 -1.32 -0.10	22.11 -1.54 0.00	27.26 -2.08 -0.87	26.55 -2.48 -1.77	26.30 -2.98 0.20	25.25 -2.94 0.10	25.94 -3.00 -0.65	25.05 -2.89 0.38	25.32 -2.97 0.01	25.13 -2.95 0.27	25.15 -2.98 -0.01	24.99 -2.61 -0.39	27.53 -2.95 -2.10	31.05 -2.45 -5.00	28.31 -2.11 -1.92	26.17 -2.57 -1.11	25.02 -2.16 -0.55	21.60 -1.90 -0.86	19.89 -1.68 -0.84	18.41 -1.32 -1.09
LONG_LAKE_PHOENIX 24014	22.77 -0.32 0.00	20.26 -0.29 0.00	19.53 -0.28 0.00	18.48 -0.26 -0.20	19.81 -0.26 -0.07	23.32 -0.33 0.00	28.67 -0.37 -0.58	28.04 -0.49 -1.28	29.19 -0.68 -0.40	28.22 -0.68 -0.61	28.44 -0.59 -0.74	28.29 -0.62 -0.59	27.85 -0.68 -0.23	27.87 -0.65 -0.17	27.75 -0.67 -0.30	27.28 -0.63 -0.69	29.27 -0.62 -1.51	31.62 -0.48 -3.61	29.36 -0.51 -1.38	27.82 -0.61 -0.80	26.46 -0.56 -0.39	22.88 -0.34 -0.58	21.02 -0.27 -0.56	19.17 -0.21 -0.73
LOVETT___3 23632	24.18 1.09 0.00	21.54 0.99 0.00	20.72 0.91 0.00	20.49 0.89 -1.06	21.37 1.00 -0.36	24.85 1.21 0.00	33.05 1.57 -3.02	35.54 1.61 -6.67	33.31 1.77 -2.07	33.19 1.75 -3.15	33.81 1.70 -3.82	33.07 1.70 -3.05	31.22 1.73 -1.20	31.01 1.79 -0.88	31.46 1.77 -1.57	32.45 1.66 -3.58	38.20 1.90 -7.91	49.40 2.02 -18.89	37.66 1.94 -7.23	33.59 1.80 -4.16	30.37 1.68 -2.07	27.04 1.38 -3.01	24.94 1.26 -2.95	23.47 1.01 -3.82
LOVETT___4 23642	24.18 1.09 0.00	21.54 0.99 0.00	20.72 0.91 0.00	20.49 0.89 -1.06	21.37 1.00 -0.36	24.85 1.21 0.00	33.05 1.57 -3.02	35.54 1.61 -6.67	33.31 1.77 -2.07	33.19 1.75 -3.15	33.81 1.70 -3.82	33.07 1.70 -3.05	31.22 1.73 -1.20	31.01 1.79 -0.88	31.46 1.77 -1.57	32.45 1.66 -3.58	38.20 1.90 -7.91	49.40 2.02 -18.89	37.66 1.94 -7.23	33.59 1.80 -4.16	30.37 1.68 -2.07	27.04 1.38 -3.01	24.94 1.26 -2.95	23.47 1.01 -3.82
LOVETT___5 23593	24.18 1.09 0.00	21.54 0.99 0.00	20.72 0.91 0.00	20.49 0.89 -1.06	21.37 1.00 -0.36	24.85 1.21 0.00	33.05 1.57 -3.02	35.54 1.61 -6.67	33.31 1.77 -2.07	33.19 1.75 -3.15	33.81 1.70 -3.82	33.07 1.70 -3.05	31.22 1.73 -1.20	31.01 1.79 -0.88	31.46 1.77 -1.57	32.45 1.66 -3.58	38.20 1.90 -7.91	49.40 2.02 -18.89	37.66 1.94 -7.23	33.59 1.80 -4.16	30.37 1.68 -2.07	27.04 1.38 -3.01	24.94 1.26 -2.95	23.47 1.01 -3.82
LOWER RAQUET___HYD 24057	23.18 0.09 0.00	20.55 0.00 0.00	19.79 -0.02 0.00	18.52 -0.06 -0.03	19.89 -0.12 -0.01	23.58 -0.07 0.00	28.49 -0.06 -0.08	27.44 0.00 -0.19	29.56 0.03 -0.06	28.50 0.11 -0.09	28.57 0.17 -0.11	28.55 0.14 -0.09	28.53 0.20 -0.03	28.46 0.09 -0.02	28.11 -0.06 -0.04	27.09 -0.22 -0.10	28.29 -0.31 -0.22	28.59 -0.43 -0.52	28.27 -0.43 -0.20	27.47 -0.28 -0.12	26.31 -0.37 -0.06	22.49 -0.25 -0.09	18.28 -0.25 2.21	21.27 -0.22 -2.84
LOWER___HUDSON 24059	23.97 0.88 0.00	21.37 0.82 0.00	20.60 0.79 0.00	20.71 0.78 -1.39	21.36 0.88 -0.48	24.73 1.09 0.00	33.79 1.37 -3.96	37.40 1.39 -8.75	33.64 1.44 -2.72	33.79 1.36 -4.13	34.70 1.39 -5.01	33.75 1.42 -4.01	31.29 1.41 -1.58	30.89 1.39 -1.15	31.56 1.38 -2.06	33.25 1.33 -4.71	40.10 1.33 -10.38	54.64 1.37 -24.78	39.37 1.40 -9.48	34.42 1.33 -5.46	30.69 1.36 -2.71	27.62 1.02 -3.95	25.50 0.91 -3.86	24.46 0.80 -5.01
LOWVILLE_115KV_TB2 356335	23.41 0.32 0.00	20.80 0.25 0.00	20.05 0.24 0.00	18.83 0.20 -0.08	20.25 0.22 -0.03	23.98 0.33 0.00	29.36 0.68 -0.21	28.34 0.63 -0.46	30.14 0.53 -0.14	28.96 0.45 -0.22	29.07 0.51 -0.26	28.99 0.45 -0.21	28.80 0.42 -0.08	28.84 0.43 -0.06	28.60 0.37 -0.11	27.81 0.35 -0.25	29.29 0.37 -0.54	30.32 0.54 -1.29	29.53 0.54 -0.49	28.39 0.47 -0.28	27.16 0.40 -0.14	23.15 0.29 -0.21	20.55 0.21 0.39	19.93 0.19 -1.10
LUTHERFT_115KV_GLOB_FND_222 355753	24.38 1.29 0.00	21.72 1.17 0.00	20.94 1.13 0.00	21.03 1.08 -1.42	21.73 1.24 -0.48	25.18 1.54 0.00	34.26 1.76 -4.03	37.91 1.74 -8.91	34.13 1.89 -2.77	34.29 1.78 -4.21	35.27 1.87 -5.11	34.31 1.90 -4.09	31.77 1.87 -1.61	31.28 1.76 -1.17	31.96 1.74 -2.10	33.72 1.71 -4.79	40.54 1.59 -10.57	55.40 1.68 -25.22	39.86 1.71 -9.65	34.77 1.58 -5.56	31.11 1.73 -2.76	27.96 1.29 -4.02	25.82 1.16 -3.93	24.79 1.04 -5.10
LUTHERNY_35_KV_BK2 355980	24.41 1.32 0.00	21.74 1.19 0.00	20.94 1.13 0.00	21.05 1.09 -1.42	21.75 1.26 -0.48	25.21 1.56 0.00	34.29 1.79 -4.03	37.94 1.77 -8.91	34.16 1.92 -2.77	34.31 1.81 -4.21	35.30 1.90 -5.11	34.33 1.93 -4.09	31.80 1.90 -1.61	31.31 1.79 -1.17	31.96 1.74 -2.10	33.74 1.74 -4.79	40.57 1.62 -10.57	55.42 1.71 -25.22	39.89 1.74 -9.65	34.80 1.60 -5.56	31.14 1.76 -2.76	27.98 1.31 -4.02	25.82 1.16 -3.93	24.79 1.04 -5.10
LWR___OSWEGATCHIE_HYD 23850	23.09 0.00 0.00	20.49 -0.06 0.00	19.73 -0.08 0.00	18.51 -0.09 -0.06	19.88 -0.14 -0.02	23.58 -0.07 0.00	28.68 0.06 -0.15	27.68 0.08 -0.34	29.67 0.09 -0.11	28.54 0.08 -0.16	28.61 0.11 -0.20	28.57 0.08 -0.16	28.44 0.08 -0.06	28.42 0.03 -0.05	28.15 -0.06 -0.08	27.23 -0.16 -0.19	28.58 -0.20 -0.40	29.32 -0.14 -0.96	28.69 -0.17 -0.37	27.76 -0.08 -0.21	26.54 -0.19 -0.11	22.64 -0.16 -0.15	19.15 -0.19 1.40	20.55 -0.19 -2.09
LYONS_FALL_HYD 23570	23.51 0.42 0.00	20.90 0.35 0.00	20.13 0.32 0.00	18.92 0.30 -0.08	20.35 0.32 -0.03	24.07 0.43 0.00	29.45 0.80 -0.19	28.44 0.76 -0.42	30.25 0.65 -0.13	29.09 0.60 -0.20	29.19 0.65 -0.25	29.11 0.60 -0.20	28.94 0.57 -0.08	29.00 0.60 -0.06	28.76 0.53 -0.10	27.95 0.52 -0.23	29.39 0.51 -0.50	30.37 0.68 -1.20	29.61 0.66 -0.46	28.48 0.58 -0.26	27.29 0.53 -0.13	23.27 0.41 -0.22	20.92 0.31 0.12	19.76 0.28 -0.84
MADISON___COUNTY_LFGE 323628	23.74 0.65 0.00	21.10 0.55 0.00	20.37 0.55 0.00	19.17 0.50 -0.13	20.61 0.56 -0.04	24.36 0.71 0.00	30.02 1.25 -0.31	29.08 1.14 -0.67	30.77 1.09 -0.21	29.58 0.96 -0.32	29.73 1.05 -0.39	29.63 0.99 -0.31	29.41 0.99 -0.12	29.49 1.05 -0.09	29.27 0.98 -0.16	28.56 0.98 -0.37	30.14 0.96 -0.80	31.54 1.14 -1.91	30.34 1.11 -0.73	29.02 0.97 -0.42	27.74 0.91 -0.21	23.56 0.61 -0.30	21.55 0.52 -0.30	19.54 0.50 -0.39

MALONE___115KV_TB1 356076	23.44 0.35 0.00	20.69 0.14 0.00	19.87 0.06 0.00	18.51 -0.04 0.00	19.80 -0.20 0.00	23.53 -0.12 0.00	28.30 -0.17 0.00	27.04 -0.22 0.00	29.38 -0.09 0.00	28.46 0.17 0.00	28.63 0.34 0.00	28.80 0.48 0.00	28.80 0.51 0.00	28.75 0.40 0.00	28.32 0.20 0.00	27.18 -0.03 0.00	28.18 -0.20 0.00	28.01 -0.48 0.00	27.98 -0.51 0.00	27.27 -0.36 0.00	26.12 -0.51 0.00	22.10 -0.54 0.00	17.40 -0.66 2.66	30.03 -0.62 -12.00
MAPLEWOD_115KV_TB3 80458	23.90 0.81 0.00	21.33 0.78 0.00	20.56 0.75 0.00	20.67 0.74 -1.38	21.30 0.82 -0.47	24.64 0.99 0.00	33.68 1.28 -3.93	37.26 1.31 -8.70	33.59 1.41 -2.70	33.73 1.33 -4.11	34.64 1.36 -4.98	33.67 1.36 -3.99	31.22 1.36 -1.57	30.86 1.36 -1.15	31.49 1.32 -2.04	33.16 1.28 -4.68	39.95 1.25 -10.32	54.42 1.31 -24.62	39.23 1.31 -9.42	34.30 1.24 -5.43	30.54 1.22 -2.69	27.47 0.91 -3.92	25.35 0.79 -3.83	24.29 0.67 -4.97
MAPLE_RIDGE_WT_1 323574	22.40 -0.69 0.00	19.75 -0.80 0.00	18.92 -0.89 0.00	17.67 -0.87 0.00	19.02 -0.98 0.00	22.46 -1.18 0.00	27.02 -1.45 0.00	25.95 -1.31 0.00	28.18 -1.30 0.00	27.11 -1.19 0.00	27.19 -1.10 0.00	27.25 -1.08 0.00	27.22 -1.08 0.00	27.24 -1.11 0.00	27.02 -1.10 0.00	26.17 -1.03 0.00	27.36 -1.02 0.00	27.44 -1.05 0.00	27.44 -1.05 0.00	26.61 -1.02 0.00	25.53 -1.09 0.00	21.67 -0.97 0.00	15.55 -0.93 4.24	17.79 -0.86 0.00
MAPLE_RIDGE_WT_2 323611	22.40 -0.69 0.00	19.75 -0.80 0.00	18.92 -0.89 0.00	17.67 -0.87 0.00	19.02 -0.98 0.00	22.46 -1.18 0.00	27.02 -1.45 0.00	25.95 -1.31 0.00	28.18 -1.30 0.00	27.11 -1.19 0.00	27.19 -1.10 0.00	27.25 -1.08 0.00	27.22 -1.08 0.00	27.24 -1.11 0.00	27.02 -1.10 0.00	26.17 -1.03 0.00	27.36 -1.02 0.00	27.44 -1.05 0.00	27.44 -1.05 0.00	26.61 -1.02 0.00	25.53 -1.09 0.00	21.67 -0.97 0.00	15.55 -0.93 4.24	17.79 -0.86 0.00
MARBLE_RIVER_WT_PWR 323696	23.32 0.23 0.00	20.55 0.00 0.00	19.71 -0.10 0.00	18.34 -0.20 0.00	19.60 -0.40 0.00	23.22 -0.42 0.00	27.84 -0.63 0.00	26.55 -0.71 0.00	28.97 -0.50 0.00	28.13 -0.17 0.00	28.41 0.11 0.00	28.61 0.28 0.00	28.64 0.34 0.00	28.55 0.20 0.00	28.12 0.00 0.00	26.96 -0.25 0.00	27.90 -0.48 0.00	27.67 -0.83 0.00	27.61 -0.88 0.00	26.89 -0.74 0.00	25.75 -0.88 0.00	21.72 -0.93 0.00	16.83 -1.06 2.84	0.17 -0.97 17.51
MARSHVLE_115KV_TB1 80742	23.90 0.81 0.00	21.27 0.72 0.00	20.50 0.69 0.00	20.93 0.65 -1.74	21.42 0.82 -0.60	24.76 1.11 0.00	35.07 1.65 -4.95	39.88 1.66 -10.96	34.68 1.80 -3.41	35.10 1.61 -5.19	36.23 1.64 -6.29	34.92 1.56 -5.04	31.75 1.47 -1.98	31.22 1.42 -1.45	32.11 1.41 -2.58	34.45 1.33 -5.91	42.74 1.36 -13.00	61.17 1.65 -31.02	42.05 1.68 -11.87	35.94 1.46 -6.84	31.43 1.41 -3.39	28.61 1.02 -4.95	26.31 0.75 -4.84	25.50 0.58 -6.27
MARSH_HILL_WT_PWR 323713	22.33 -0.76 0.00	19.89 -0.66 0.00	19.22 -0.59 0.00	18.11 -0.78 -0.35	19.38 -0.74 -0.12	23.03 -0.61 0.00	28.64 -0.85 -1.03	28.44 -1.04 -2.22	27.53 -1.24 0.70	26.12 -1.30 0.88	27.04 -1.36 -0.11	25.76 -1.30 1.26	26.61 -1.44 0.24	26.39 -1.42 0.54	26.27 -1.49 0.37	25.63 -1.31 0.28	29.68 -1.33 -2.63	33.80 -0.97 -6.28	30.19 -0.71 -2.40	27.97 -1.05 -1.39	26.49 -0.83 -0.69	22.78 -0.88 -1.02	20.88 -0.85 -1.00	19.27 -0.67 -1.29
MCINTYRE_115KV_TB2 80467	23.55 0.46 0.00	20.86 0.31 0.00	20.09 0.28 0.00	18.81 0.24 -0.03	20.21 0.20 -0.01	23.98 0.33 0.00	28.99 0.46 -0.07	27.96 0.55 -0.16	30.05 0.53 -0.05	28.94 0.57 -0.08	28.95 0.57 -0.09	28.96 0.57 -0.07	28.95 0.62 -0.03	28.91 0.54 -0.02	28.58 0.42 -0.04	27.59 0.30 -0.09	28.85 0.28 -0.19	29.14 0.20 -0.45	28.87 0.20 -0.17	28.09 0.36 -0.10	26.89 0.21 -0.05	22.92 0.20 -0.07	18.48 0.10 2.35	20.97 0.09 -2.23
MECO___69_KV_BK1 80468	24.61 1.52 0.00	21.89 1.34 0.00	21.08 1.27 0.00	21.40 1.21 -1.65	22.07 1.50 -0.57	25.63 1.99 0.00	35.96 2.79 -4.71	40.42 2.75 -10.41	35.25 2.53 -3.24	35.57 2.35 -4.93	36.65 2.38 -5.98	35.45 2.35 -4.78	32.47 2.29 -1.88	32.02 2.30 -1.37	32.85 2.28 -2.45	35.02 2.20 -5.61	42.88 2.16 -12.35	60.38 2.42 -29.47	42.17 2.39 -11.28	36.26 2.13 -6.50	31.92 2.08 -3.22	29.09 1.74 -4.70	26.65 1.33 -4.59	25.65 1.04 -5.96
MENANDS__115KV_TB5 355628	23.81 0.72 0.00	21.25 0.70 0.00	20.50 0.69 0.00	20.59 0.67 -1.38	21.22 0.74 -0.47	24.54 0.90 0.00	33.53 1.14 -3.93	37.14 1.20 -8.69	33.44 1.27 -2.70	33.61 1.22 -4.10	34.52 1.24 -4.98	33.55 1.25 -3.98	31.11 1.24 -1.57	30.74 1.25 -1.14	31.40 1.24 -2.04	33.00 1.12 -4.67	39.79 1.11 -10.30	54.22 1.14 -24.59	39.07 1.17 -9.41	34.16 1.11 -5.42	30.38 1.06 -2.69	27.35 0.79 -3.91	25.24 0.68 -3.83	24.19 0.58 -4.96
MG INDUSTRY___DRP 24185	23.67 0.58 0.00	21.12 0.58 0.00	20.39 0.57 0.00	20.46 0.56 -1.36	21.07 0.60 -0.47	24.36 0.71 0.00	33.28 0.94 -3.88	36.81 0.98 -8.57	33.17 1.03 -2.66	33.31 0.96 -4.05	34.20 0.99 -4.91	33.24 0.99 -3.93	30.83 0.99 -1.55	30.47 0.99 -1.13	31.12 0.98 -2.02	32.80 0.98 -4.61	39.57 1.02 -10.17	53.82 1.05 -24.27	38.84 1.05 -9.29	33.98 0.99 -5.35	30.24 0.96 -2.65	27.24 0.72 -3.87	25.16 0.64 -3.79	24.10 0.54 -4.91
MID___OSWEGATCHIE_HYD 23849	23.09 0.00 0.00	20.49 -0.06 0.00	19.73 -0.08 0.00	18.51 -0.09 -0.06	19.88 -0.14 -0.02	23.58 -0.07 0.00	28.68 0.06 -0.15	27.68 0.08 -0.34	29.67 0.09 -0.11	28.54 0.08 -0.16	28.61 0.11 -0.20	28.57 0.08 -0.16	28.44 0.08 -0.06	28.42 0.03 -0.05	28.15 -0.06 -0.08	27.23 -0.16 -0.19	28.58 -0.20 -0.40	29.32 -0.14 -0.96	28.69 -0.17 -0.37	27.76 -0.08 -0.21	26.54 -0.19 -0.11	22.64 -0.16 -0.15	19.15 -0.19 1.40	20.55 -0.19 -2.09
MID___RAQUETTE_HYD 23851	23.18 0.09 0.00	20.55 0.00 0.00	19.79 -0.02 0.00	18.52 -0.06 -0.03	19.89 -0.12 -0.01	23.58 -0.07 0.00	28.49 -0.06 -0.08	27.47 0.03 -0.19	29.56 0.03 -0.06	28.47 0.08 -0.09	28.52 0.11 -0.11	28.55 0.14 -0.09	28.50 0.17 -0.03	28.46 0.09 -0.02	28.11 -0.06 -0.04	27.06 -0.24 -0.10	28.29 -0.31 -0.22	28.59 -0.43 -0.52	28.27 -0.43 -0.20	27.47 -0.28 -0.12	26.31 -0.37 -0.06	22.48 -0.25 -0.08	18.27 -0.25 2.21	21.26 -0.22 -2.83
MILLIKEN___1 23584	23.46 0.37 0.00	20.88 0.33 0.00	20.15 0.34 0.00	19.14 0.26 -0.33	20.44 0.32 -0.11	24.10 0.45 0.00	30.06 0.63 -0.96	29.84 0.46 -2.12	31.72 0.41 -1.84	31.26 0.34 -2.62	30.90 0.40 -2.21	31.55 0.34 -2.89	29.50 0.28 -0.93	29.65 0.31 -0.98	29.65 0.28 -1.25	29.95 0.35 -2.39	31.26 0.37 -2.51	35.14 0.66 -5.99	31.44 0.66 -2.29	29.40 0.44 -1.32	27.73 0.45 -0.66	23.97 0.36 -0.96	21.98 0.31 -0.94	20.16 0.30 -1.22
MILLIKEN___2 23585	23.46 0.37 0.00	20.88 0.33 0.00	20.15 0.34 0.00	19.14 0.26 -0.33	20.44 0.32 -0.11	24.10 0.45 0.00	30.06 0.63 -0.96	29.84 0.46 -2.12	31.72 0.41 -1.84	31.26 0.34 -2.62	30.90 0.40 -2.21	31.55 0.34 -2.89	29.50 0.28 -0.93	29.65 0.31 -0.98	29.65 0.28 -1.25	29.95 0.35 -2.39	31.26 0.37 -2.51	35.14 0.66 -5.99	31.44 0.66 -2.29	29.40 0.44 -1.32	27.73 0.45 -0.66	23.97 0.36 -0.96	21.98 0.31 -0.94	20.16 0.30 -1.22

MILLIKEN___DIESEL 23629	23.46 0.37 0.00	20.88 0.33 0.00	20.15 0.34 0.00	19.14 0.26 -0.33	20.44 0.32 -0.11	24.10 0.45 0.00	30.06 0.63 -0.96	29.84 0.46 -2.12	31.72 0.41 -1.84	31.26 0.34 -2.62	30.90 0.40 -2.21	31.55 0.34 -2.89	29.50 0.28 -0.93	29.65 0.31 -0.98	29.65 0.28 -1.25	29.95 0.35 -2.39	31.26 0.37 -2.51	35.14 0.66 -5.99	31.44 0.66 -2.29	29.40 0.44 -1.32	27.73 0.45 -0.66	23.97 0.36 -0.96	21.98 0.31 -0.94	20.16 0.30 -1.22
MILLSEAT___LFGE 323607	21.80 -1.29 0.00	19.48 -1.07 0.00	18.86 -0.95 0.00	17.80 -1.02 -0.28	19.12 -0.98 -0.10	22.51 -1.13 0.00	27.84 -1.48 -0.85	27.17 -1.85 -1.77	26.95 -2.33 0.19	25.88 -2.32 0.09	26.57 -2.38 -0.65	25.66 -2.29 0.37	25.86 -2.43 0.00	25.70 -2.38 0.27	25.75 -2.39 -0.02	25.57 -2.04 -0.40	28.18 -2.30 -2.10	31.77 -1.74 -5.01	28.96 -1.45 -1.92	26.80 -1.93 -1.11	25.58 -1.60 -0.55	22.02 -1.47 -0.84	20.27 -1.29 -0.83	18.75 -0.97 -1.07
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	24.25 1.15 0.00	21.60 1.05 0.00	20.80 0.99 0.00	20.60 0.96 -1.09	21.46 1.08 -0.37	24.95 1.30 0.00	33.32 1.74 -3.11	35.94 1.80 -6.89	33.55 1.95 -2.14	33.49 1.95 -3.25	34.13 1.90 -3.94	33.37 1.90 -3.15	31.43 1.90 -1.24	31.18 1.93 -0.91	31.65 1.91 -1.62	32.73 1.82 -3.70	38.59 2.04 -8.17	50.18 2.19 -19.49	38.04 2.08 -7.46	33.86 1.93 -4.30	30.57 1.81 -2.13	27.20 1.45 -3.11	25.08 1.31 -3.04	23.65 1.06 -3.94
MILLWOOD_13_KV_LOAD 356217	24.29 1.20 0.00	21.64 1.09 0.00	20.84 1.03 0.00	20.64 1.00 -1.09	21.52 1.14 -0.37	25.02 1.37 0.00	33.37 1.79 -3.11	36.02 1.88 -6.89	33.64 2.03 -2.14	33.58 2.04 -3.25	34.21 1.98 -3.94	33.46 1.98 -3.15	31.49 1.95 -1.24	31.24 1.98 -0.91	31.71 1.97 -1.62	32.78 1.88 -3.70	38.68 2.13 -8.17	50.27 2.28 -19.49	38.12 2.17 -7.46	33.92 1.99 -4.30	30.62 1.86 -2.13	27.25 1.49 -3.11	25.12 1.35 -3.04	23.69 1.10 -3.94
MODEL_CITY_ENERGY 24167	21.20 -1.89 0.00	18.99 -1.56 0.00	18.41 -1.41 0.00	17.37 -1.47 -0.29	18.64 -1.46 -0.10	21.90 -1.75 0.00	27.03 -2.30 -0.87	26.30 -2.73 -1.77	26.07 -3.21 0.19	25.00 -3.20 0.09	25.72 -3.23 -0.65	24.83 -3.12 0.38	25.06 -3.23 0.00	24.91 -3.17 0.27	24.93 -3.21 -0.01	24.77 -2.83 -0.39	27.30 -3.18 -2.10	30.78 -2.71 -4.99	28.05 -2.36 -1.92	25.95 -2.79 -1.11	24.78 -2.40 -0.55	21.43 -2.08 -0.86	19.75 -1.82 -0.84	18.29 -1.45 -1.09
MODERN_LFGE___ 323580	21.20 -1.89 0.00	18.99 -1.56 0.00	18.41 -1.41 0.00	17.37 -1.47 -0.29	18.64 -1.46 -0.10	21.90 -1.75 0.00	27.03 -2.30 -0.87	26.30 -2.73 -1.77	26.07 -3.21 0.19	25.00 -3.20 0.09	25.72 -3.23 -0.65	24.83 -3.12 0.38	25.06 -3.23 0.00	24.91 -3.17 0.27	24.93 -3.21 -0.01	24.77 -2.83 -0.39	27.30 -3.18 -2.10	30.78 -2.71 -4.99	28.05 -2.36 -1.92	25.95 -2.79 -1.11	24.78 -2.40 -0.55	21.43 -2.08 -0.86	19.75 -1.82 -0.84	18.29 -1.45 -1.09
MOHAWK_PAPER___DRP 24187	23.90 0.81 0.00	21.33 0.78 0.00	20.56 0.75 0.00	20.67 0.74 -1.38	21.30 0.82 -0.47	24.64 0.99 0.00	33.68 1.28 -3.93	37.26 1.31 -8.70	33.59 1.41 -2.70	33.73 1.33 -4.11	34.64 1.36 -4.98	33.67 1.36 -3.99	31.22 1.36 -1.57	30.86 1.36 -1.15	31.49 1.32 -2.04	33.16 1.28 -4.68	39.95 1.25 -10.32	54.42 1.31 -24.62	39.23 1.31 -9.42	34.30 1.24 -5.43	30.54 1.22 -2.69	27.47 0.91 -3.92	25.35 0.79 -3.83	24.29 0.67 -4.97
MOHICAN___35_KV_115KV_LD 80490	24.71 1.62 0.00	21.99 1.44 0.00	21.16 1.35 0.00	21.26 1.30 -1.42	22.01 1.52 -0.49	25.56 1.92 0.00	34.41 1.91 -4.03	38.00 1.83 -8.92	34.28 2.03 -2.77	34.40 1.90 -4.21	35.41 2.01 -5.11	34.54 2.12 -4.09	32.00 2.09 -1.61	31.34 1.81 -1.17	31.99 1.77 -2.10	33.75 1.74 -4.80	40.35 1.39 -10.58	55.28 1.54 -25.24	39.70 1.54 -9.66	34.61 1.41 -5.57	31.27 1.89 -2.76	28.05 1.38 -4.03	25.93 1.26 -3.94	24.96 1.21 -5.10
MONGAUP___HYD 23641	24.13 1.04 0.00	21.50 0.95 0.00	20.70 0.89 0.00	20.37 0.84 -0.99	21.30 0.96 -0.34	24.78 1.13 0.00	32.83 1.54 -2.83	35.04 1.53 -6.26	32.94 1.44 -1.94	32.69 1.36 -2.95	33.23 1.36 -3.58	32.54 1.36 -2.86	30.78 1.36 -1.13	30.59 1.42 -0.82	31.00 1.41 -1.47	31.95 1.39 -3.36	37.39 1.59 -7.43	47.81 1.59 -17.72	36.96 1.68 -6.78	33.17 1.63 -3.91	30.08 1.52 -1.94	26.69 1.22 -2.83	24.53 1.04 -2.76	23.07 0.84 -3.58
MONTAUK___DIESEL 23721	30.27 1.92 -5.26	28.45 1.91 -5.99	27.80 1.82 -6.17	26.84 1.74 -6.55	28.61 1.94 -6.67	32.23 2.39 -6.19	34.87 3.27 -3.13	37.35 3.16 -6.93	36.00 3.51 -3.02	34.85 3.28 -3.27	35.51 3.25 -3.96	35.85 3.23 -4.30	35.11 3.23 -3.59	33.91 3.40 -2.16	34.44 3.46 -2.86	36.51 3.35 -5.96	51.75 3.66 -19.71	64.53 3.93 -32.10	50.88 3.76 -18.63	42.99 3.48 -11.88	38.78 3.33 -8.83	33.29 2.51 -8.13	26.26 2.47 -3.06	24.72 2.11 -3.97
MOONROAD_115KV_HARTFLD_TB1-2 355988	21.34 -1.75 0.00	19.09 -1.46 0.00	18.48 -1.33 0.00	17.31 -1.54 -0.31	18.51 -1.60 -0.11	22.11 -1.54 0.00	27.26 -2.14 -0.93	26.63 -2.53 -1.90	26.66 -2.62 0.19	25.74 -2.46 0.10	26.54 -2.41 -0.65	25.45 -2.49 0.38	25.69 -2.60 0.00	25.43 -2.66 0.26	25.57 -2.56 -0.01	25.39 -2.20 -0.39	28.11 -2.53 -2.26	31.88 -1.99 -5.38	28.79 -1.77 -2.06	26.61 -2.21 -1.19	25.33 -1.89 -0.59	21.80 -1.77 -0.92	19.98 -1.66 -0.90	18.46 -1.36 -1.17
MORTIMER_115KV_TB3 55949	22.19 -0.90 0.00	19.81 -0.74 0.00	19.14 -0.67 0.00	18.19 -0.61 -0.26	19.51 -0.58 -0.09	22.87 -0.78 0.00	28.30 -0.97 -0.80	27.65 -1.39 -1.78	27.63 -1.65 0.19	26.56 -1.67 0.07	27.63 -1.33 -0.67	26.36 -1.61 0.35	26.59 -1.70 0.00	26.44 -1.64 0.27	26.49 -1.66 -0.03	26.00 -1.63 -0.42	28.96 -1.53 -2.11	32.45 -1.08 -5.04	29.51 -0.91 -1.93	27.44 -1.30 -1.11	26.08 -1.09 -0.55	22.45 -1.00 -0.80	20.64 -0.87 -0.78	19.02 -0.63 -1.01
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	24.38 1.29 0.00	21.74 1.19 0.00	20.92 1.11 0.00	20.72 1.08 -1.10	21.58 1.20 -0.38	25.07 1.42 0.00	33.48 1.88 -3.14	36.18 1.99 -6.94	33.80 2.18 -2.15	33.74 2.18 -3.27	34.35 2.09 -3.97	33.62 2.12 -3.17	31.67 2.12 -1.25	31.45 2.18 -0.91	31.92 2.17 -1.63	32.97 2.04 -3.72	38.90 2.30 -8.23	50.55 2.42 -19.63	38.32 2.31 -7.51	34.11 2.16 -4.33	30.74 1.97 -2.15	27.36 1.59 -3.13	25.22 1.43 -3.06	23.79 1.17 -3.97
MUNSVILLE_WIND_PWR 323609	24.84 1.75 0.00	22.05 1.50 0.00	21.22 1.41 0.00	20.19 1.20 -0.44	21.45 1.30 -0.15	25.37 1.73 0.00	32.23 2.51 -1.26	32.34 2.32 -2.77	33.22 2.18 -1.57	32.57 1.98 -2.29	32.63 2.06 -2.27	32.80 2.07 -2.41	31.17 2.04 -0.84	31.22 2.10 -0.77	31.26 2.03 -1.11	31.57 2.07 -2.30	33.88 2.22 -3.29	39.05 2.71 -7.85	34.15 2.65 -3.00	31.65 2.29 -1.73	29.61 2.13 -0.86	25.62 1.72 -1.25	23.39 1.43 -1.23	21.51 1.27 -1.59
N SALMON___HYD 24042	23.44 0.35 0.00	20.69 0.14 0.00	19.87 0.06 0.00	18.51 -0.04 0.00	19.80 -0.20 0.00	23.53 -0.12 0.00	28.30 -0.17 0.00	27.01 -0.25 0.00	29.38 -0.09 0.00	28.49 0.20 0.00	28.69 0.40 0.00	28.80 0.48 0.00	28.83 0.54 0.00	28.75 0.40 0.00	28.32 0.20 0.00	27.18 -0.03 0.00	28.21 -0.17 0.00	28.01 -0.48 0.00	27.98 -0.51 0.00	27.27 -0.36 0.00	26.12 -0.51 0.00	22.10 -0.54 0.00	17.40 -0.66 2.66	30.03 -0.61 -12.00

N.AKRON__115KV_KNAPP 355671	21.75 -1.34 0.00	19.46 -1.09 0.00	18.86 -0.95 0.00	17.81 -1.02 -0.28	19.10 -1.00 -0.10	22.49 -1.16 0.00	27.81 -1.51 -0.85	27.01 -2.02 -1.77	26.95 -2.33 0.19	25.88 -2.32 0.09	26.94 -2.01 -0.65	25.68 -2.27 0.37	25.91 -2.38 0.00	25.73 -2.35 0.27	25.78 -2.36 -0.02	25.38 -2.23 -0.40	28.15 -2.33 -2.10	31.71 -1.80 -5.01	28.91 -1.51 -1.92	26.78 -1.96 -1.11	25.55 -1.62 -0.55	22.03 -1.47 -0.85	20.26 -1.31 -0.83	18.74 -0.99 -1.08
N.BELMOR_69_KV_BK1 55787	30.01 1.66 -5.26	28.04 1.50 -5.99	27.41 1.43 -6.17	26.45 1.35 -6.55	28.17 1.50 -6.67	31.66 1.82 -6.19	33.94 2.33 -3.13	36.59 2.40 -6.93	35.21 2.71 -3.02	34.22 2.66 -3.27	34.86 2.60 -3.96	35.26 2.63 -4.30	34.52 2.63 -3.59	33.18 2.66 -2.16	33.62 2.64 -2.86	35.69 2.53 -5.96	50.84 2.75 -19.71	63.51 2.91 -32.10	49.94 2.82 -18.63	42.14 2.63 -11.88	37.98 2.53 -8.83	32.77 1.99 -8.13	25.70 1.91 -3.06	24.20 1.58 -3.97
N.E_GEN_SANDY PD 24062	23.99 0.90 0.00	21.41 0.86 0.00	20.64 0.83 0.00	20.60 0.82 -1.24	21.33 0.90 -0.42	24.76 1.11 0.00	33.47 1.48 -3.52	37.72 1.53 -8.94	32.37 1.62 -1.28	33.50 1.53 -3.68	34.31 1.56 -4.46	33.45 1.56 -3.57	31.26 1.56 -1.41	30.96 1.59 -1.03	31.53 1.57 -1.83	32.92 1.52 -4.19	39.27 1.65 -9.25	52.21 1.65 -22.06	38.62 1.68 -8.44	34.07 1.57 -4.86	30.58 1.54 -2.41	27.34 1.18 -3.52	25.23 1.06 -3.44	24.00 0.89 -4.46
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	24.20 1.11 0.00	21.56 1.01 0.00	20.76 0.95 0.00	20.51 0.91 -1.06	21.41 1.04 -0.36	24.90 1.25 0.00	33.10 1.62 -3.01	35.58 1.66 -6.66	33.33 1.80 -2.07	33.22 1.78 -3.14	33.83 1.73 -3.81	33.10 1.73 -3.05	31.25 1.75 -1.20	31.04 1.81 -0.87	31.48 1.80 -1.56	32.47 1.69 -3.57	38.21 1.93 -7.90	49.39 2.05 -18.85	37.67 1.97 -7.21	33.64 1.85 -4.16	30.42 1.73 -2.06	27.08 1.43 -3.01	24.95 1.29 -2.94	23.48 1.03 -3.81
N.QUEENS_27_KV_LOAD 356247	24.43 1.34 0.00	21.84 1.29 0.00	21.02 1.21 0.00	20.79 1.15 -1.10	21.64 1.26 -0.38	24.88 1.23 0.00	33.22 1.62 -3.14	35.99 1.80 -6.94	33.66 2.03 -2.15	33.63 2.07 -3.27	34.21 1.95 -3.97	33.51 2.01 -3.17	31.58 2.04 -1.25	31.33 2.07 -0.91	31.80 2.05 -1.63	32.84 1.90 -3.72	38.76 2.16 -8.23	50.43 2.31 -19.63	38.20 2.19 -7.51	33.98 2.02 -4.33	30.61 1.84 -2.15	27.25 1.47 -3.13	25.10 1.31 -3.06	23.83 1.21 -3.97
N.TROY___115KV_TB1 355778	23.97 0.88 0.00	21.37 0.82 0.00	20.60 0.79 0.00	20.71 0.78 -1.39	21.36 0.88 -0.48	24.73 1.09 0.00	33.79 1.37 -3.96	37.40 1.39 -8.75	33.64 1.44 -2.72	33.82 1.39 -4.13	34.72 1.41 -5.01	33.75 1.42 -4.01	31.29 1.41 -1.58	30.89 1.39 -1.15	31.56 1.38 -2.06	33.28 1.36 -4.71	40.10 1.33 -10.38	54.64 1.37 -24.78	39.38 1.40 -9.48	34.42 1.33 -5.46	30.69 1.36 -2.71	27.62 1.02 -3.95	25.51 0.91 -3.86	24.46 0.80 -5.01
NARROWS_GT1_1 24228	24.55 1.46 0.00	21.87 1.32 0.00	21.06 1.25 0.00	20.83 1.19 -1.10	21.68 1.30 -0.38	25.06 1.42 0.00	33.54 1.94 -3.14	36.24 2.05 -6.94	33.89 2.27 -2.15	33.89 2.32 -3.27	34.41 2.15 -3.97	33.73 2.24 -3.17	31.78 2.23 -1.25	31.53 2.27 -0.91	32.00 2.25 -1.63	33.00 2.07 -3.72	39.05 2.44 -8.23	50.72 2.59 -19.63	38.46 2.45 -7.51	34.28 2.32 -4.33	30.85 2.08 -2.15	27.45 1.68 -3.13	25.28 1.49 -3.06	23.88 1.27 -3.97
NARROWS_GT1_2 24229	24.55 1.46 0.00	21.87 1.32 0.00	21.06 1.25 0.00	20.83 1.19 -1.10	21.68 1.30 -0.38	25.06 1.42 0.00	33.54 1.94 -3.14	36.24 2.05 -6.94	33.89 2.27 -2.15	33.89 2.32 -3.27	34.41 2.15 -3.97	33.73 2.24 -3.17	31.78 2.23 -1.25	31.53 2.27 -0.91	32.00 2.25 -1.63	33.00 2.07 -3.72	39.05 2.44 -8.23	50.72 2.59 -19.63	38.46 2.45 -7.51	34.28 2.32 -4.33	30.85 2.08 -2.15	27.45 1.68 -3.13	25.28 1.49 -3.06	23.88 1.27 -3.97
NARROWS_GT1_3 24230	24.55 1.46 0.00	21.87 1.32 0.00	21.06 1.25 0.00	20.83 1.19 -1.10	21.68 1.30 -0.38	25.06 1.42 0.00	33.54 1.94 -3.14	36.24 2.05 -6.94	33.89 2.27 -2.15	33.89 2.32 -3.27	34.41 2.15 -3.97	33.73 2.24 -3.17	31.78 2.23 -1.25	31.53 2.27 -0.91	32.00 2.25 -1.63	33.00 2.07 -3.72	39.05 2.44 -8.23	50.72 2.59 -19.63	38.46 2.45 -7.51	34.28 2.32 -4.33	30.85 2.08 -2.15	27.45 1.68 -3.13	25.28 1.49 -3.06	23.88 1.27 -3.97
NARROWS_GT1_4 24231	24.55 1.46 0.00	21.87 1.32 0.00	21.06 1.25 0.00	20.83 1.19 -1.10	21.68 1.30 -0.38	25.06 1.42 0.00	33.54 1.94 -3.14	36.24 2.05 -6.94	33.89 2.27 -2.15	33.89 2.32 -3.27	34.41 2.15 -3.97	33.73 2.24 -3.17	31.78 2.23 -1.25	31.53 2.27 -0.91	32.00 2.25 -1.63	33.00 2.07 -3.72	39.05 2.44 -8.23	50.72 2.59 -19.63	38.46 2.45 -7.51	34.28 2.32 -4.33	30.85 2.08 -2.15	27.45 1.68 -3.13	25.28 1.49 -3.06	23.88 1.27 -3.97
NARROWS_GT1_5 24232	24.55 1.46 0.00	21.87 1.32 0.00	21.06 1.25 0.00	20.83 1.19 -1.10	21.68 1.30 -0.38	25.06 1.42 0.00	33.54 1.94 -3.14	36.24 2.05 -6.94	33.89 2.27 -2.15	33.89 2.32 -3.27	34.41 2.15 -3.97	33.73 2.24 -3.17	31.78 2.23 -1.25	31.53 2.27 -0.91	32.00 2.25 -1.63	33.00 2.07 -3.72	39.05 2.44 -8.23	50.72 2.59 -19.63	38.46 2.45 -7.51	34.28 2.32 -4.33	30.85 2.08 -2.15	27.45 1.68 -3.13	25.28 1.49 -3.06	23.88 1.27 -3.97
NARROWS_GT1_6 24233	24.55 1.46 0.00	21.87 1.32 0.00	21.06 1.25 0.00	20.83 1.19 -1.10	21.68 1.30 -0.38	25.06 1.42 0.00	33.54 1.94 -3.14	36.24 2.05 -6.94	33.89 2.27 -2.15	33.89 2.32 -3.27	34.41 2.15 -3.97	33.73 2.24 -3.17	31.78 2.23 -1.25	31.53 2.27 -0.91	32.00 2.25 -1.63	33.00 2.07 -3.72	39.05 2.44 -8.23	50.72 2.59 -19.63	38.46 2.45 -7.51	34.28 2.32 -4.33	30.85 2.08 -2.15	27.45 1.68 -3.13	25.28 1.49 -3.06	23.88 1.27 -3.97
NARROWS_GT1_7 24234	24.55 1.46 0.00	21.87 1.32 0.00	21.06 1.25 0.00	20.83 1.19 -1.10	21.68 1.30 -0.38	25.06 1.42 0.00	33.54 1.94 -3.14	36.24 2.05 -6.94	33.89 2.27 -2.15	33.89 2.32 -3.27	34.41 2.15 -3.97	33.73 2.24 -3.17	31.78 2.23 -1.25	31.53 2.27 -0.91	32.00 2.25 -1.63	33.00 2.07 -3.72	39.05 2.44 -8.23	50.72 2.59 -19.63	38.46 2.45 -7.51	34.28 2.32 -4.33	30.85 2.08 -2.15	27.45 1.68 -3.13	25.28 1.49 -3.06	23.88 1.27 -3.97
NARROWS_GT1_8 24235	24.55 1.46 0.00	21.87 1.32 0.00	21.06 1.25 0.00	20.83 1.19 -1.10	21.68 1.30 -0.38	25.06 1.42 0.00	33.54 1.94 -3.14	36.24 2.05 -6.94	33.89 2.27 -2.15	33.89 2.32 -3.27	34.41 2.15 -3.97	33.73 2.24 -3.17	31.78 2.23 -1.25	31.53 2.27 -0.91	32.00 2.25 -1.63	33.00 2.07 -3.72	39.05 2.44 -8.23	50.72 2.59 -19.63	38.46 2.45 -7.51	34.28 2.32 -4.33	30.85 2.08 -2.15	27.45 1.68 -3.13	25.28 1.49 -3.06	23.88 1.27 -3.97
NARROWS_GT2_1 24236	24.55 1.46 0.00	21.87 1.32 0.00	21.06 1.25 0.00	20.83 1.19 -1.10	21.68 1.30 -0.38	25.06 1.42 0.00	33.54 1.94 -3.14	36.24 2.05 -6.94	33.89 2.27 -2.15	33.89 2.32 -3.27	34.41 2.15 -3.97	33.73 2.24 -3.17	31.78 2.23 -1.25	31.53 2.27 -0.91	32.00 2.25 -1.63	33.00 2.07 -3.72	39.05 2.44 -8.23	50.72 2.59 -19.63	38.46 2.45 -7.51	34.28 2.32 -4.33	30.85 2.08 -2.15	27.45 1.68 -3.13	25.28 1.49 -3.06	23.88 1.27 -3.97

NARROWS_GT2_2 24237	24.55 1.46 0.00	21.87 1.32 0.00	21.06 1.25 0.00	20.83 1.19 -1.10	21.68 1.30 -0.38	25.06 1.42 0.00	33.54 1.94 -3.14	36.24 2.05 -6.94	33.89 2.27 -2.15	33.89 2.32 -3.27	34.41 2.15 -3.97	33.73 2.24 -3.17	31.78 2.23 -1.25	31.53 2.27 -0.91	32.00 2.25 -1.63	33.00 2.07 -3.72	39.05 2.44 -8.23	50.72 2.59 -19.63	38.46 2.45 -7.51	34.28 2.32 -4.33	30.85 2.08 -2.15	27.45 1.68 -3.13	25.28 1.49 -3.06	23.88 1.27 -3.97
NARROWS_GT2_3 24238	24.55 1.46 0.00	21.87 1.32 0.00	21.06 1.25 0.00	20.83 1.19 -1.10	21.68 1.30 -0.38	25.06 1.42 0.00	33.54 1.94 -3.14	36.24 2.05 -6.94	33.89 2.27 -2.15	33.89 2.32 -3.27	34.41 2.15 -3.97	33.73 2.24 -3.17	31.78 2.23 -1.25	31.53 2.27 -0.91	32.00 2.25 -1.63	33.00 2.07 -3.72	39.05 2.44 -8.23	50.72 2.59 -19.63	38.46 2.45 -7.51	34.28 2.32 -4.33	30.85 2.08 -2.15	27.45 1.68 -3.13	25.28 1.49 -3.06	23.88 1.27 -3.97
NARROWS_GT2_4 24239	24.55 1.46 0.00	21.87 1.32 0.00	21.06 1.25 0.00	20.83 1.19 -1.10	21.68 1.30 -0.38	25.06 1.42 0.00	33.54 1.94 -3.14	36.24 2.05 -6.94	33.89 2.27 -2.15	33.89 2.32 -3.27	34.41 2.15 -3.97	33.73 2.24 -3.17	31.78 2.23 -1.25	31.53 2.27 -0.91	32.00 2.25 -1.63	33.00 2.07 -3.72	39.05 2.44 -8.23	50.72 2.59 -19.63	38.46 2.45 -7.51	34.28 2.32 -4.33	30.85 2.08 -2.15	27.45 1.68 -3.13	25.28 1.49 -3.06	23.88 1.27 -3.97
NARROWS_GT2_5 24240	24.55 1.46 0.00	21.87 1.32 0.00	21.06 1.25 0.00	20.83 1.19 -1.10	21.68 1.30 -0.38	25.06 1.42 0.00	33.54 1.94 -3.14	36.24 2.05 -6.94	33.89 2.27 -2.15	33.89 2.32 -3.27	34.41 2.15 -3.97	33.73 2.24 -3.17	31.78 2.23 -1.25	31.53 2.27 -0.91	32.00 2.25 -1.63	33.00 2.07 -3.72	39.05 2.44 -8.23	50.72 2.59 -19.63	38.46 2.45 -7.51	34.28 2.32 -4.33	30.85 2.08 -2.15	27.45 1.68 -3.13	25.28 1.49 -3.06	23.88 1.27 -3.97
NARROWS_GT2_6 24241	24.55 1.46 0.00	21.87 1.32 0.00	21.06 1.25 0.00	20.83 1.19 -1.10	21.68 1.30 -0.38	25.06 1.42 0.00	33.54 1.94 -3.14	36.24 2.05 -6.94	33.89 2.27 -2.15	33.89 2.32 -3.27	34.41 2.15 -3.97	33.73 2.24 -3.17	31.78 2.23 -1.25	31.53 2.27 -0.91	32.00 2.25 -1.63	33.00 2.07 -3.72	39.05 2.44 -8.23	50.72 2.59 -19.63	38.46 2.45 -7.51	34.28 2.32 -4.33	30.85 2.08 -2.15	27.45 1.68 -3.13	25.28 1.49 -3.06	23.88 1.27 -3.97
NARROWS_GT2_7 24242	24.55 1.46 0.00	21.87 1.32 0.00	21.06 1.25 0.00	20.83 1.19 -1.10	21.68 1.30 -0.38	25.06 1.42 0.00	33.54 1.94 -3.14	36.24 2.05 -6.94	33.89 2.27 -2.15	33.89 2.32 -3.27	34.41 2.15 -3.97	33.73 2.24 -3.17	31.78 2.23 -1.25	31.53 2.27 -0.91	32.00 2.25 -1.63	33.00 2.07 -3.72	39.05 2.44 -8.23	50.72 2.59 -19.63	38.46 2.45 -7.51	34.28 2.32 -4.33	30.85 2.08 -2.15	27.45 1.68 -3.13	25.28 1.49 -3.06	23.88 1.27 -3.97
NARROWS_GT2_8 24243	24.55 1.46 0.00	21.87 1.32 0.00	21.06 1.25 0.00	20.83 1.19 -1.10	21.68 1.30 -0.38	25.06 1.42 0.00	33.54 1.94 -3.14	36.24 2.05 -6.94	33.89 2.27 -2.15	33.89 2.32 -3.27	34.41 2.15 -3.97	33.73 2.24 -3.17	31.78 2.23 -1.25	31.53 2.27 -0.91	32.00 2.25 -1.63	33.00 2.07 -3.72	39.05 2.44 -8.23	50.72 2.59 -19.63	38.46 2.45 -7.51	34.28 2.32 -4.33	30.85 2.08 -2.15	27.45 1.68 -3.13	25.28 1.49 -3.06	23.88 1.27 -3.97
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	24.38 1.29 0.00	21.80 1.25 0.00	21.02 1.21 0.00	20.72 0.89 -1.28	21.56 1.12 -0.44	25.16 1.51 0.00	33.77 1.65 -3.65	36.91 1.58 -8.08	33.72 1.74 -2.50	33.60 1.50 -3.81	34.36 1.44 -4.62	33.38 1.36 -3.70	31.02 1.27 -1.45	30.69 1.28 -1.06	31.31 1.29 -1.90	32.96 1.41 -4.33	39.43 1.48 -9.58	52.97 1.62 -22.85	38.90 1.65 -8.75	34.25 1.58 -5.04	30.61 1.49 -2.50	27.33 1.04 -3.65	25.10 0.81 -3.56	23.92 0.65 -4.62
NCHELSEA_115KV_TR2 355582	24.34 1.25 0.00	21.70 1.15 0.00	20.90 1.09 0.00	20.67 1.02 -1.10	21.54 1.16 -0.38	25.04 1.40 0.00	33.43 1.82 -3.14	36.05 1.85 -6.94	33.66 2.03 -2.15	33.55 1.98 -3.27	34.16 1.90 -3.97	33.40 1.90 -3.18	31.38 1.84 -1.25	31.19 1.93 -0.91	31.66 1.91 -1.63	32.79 1.85 -3.73	38.71 2.10 -8.23	50.36 2.22 -19.65	38.15 2.14 -7.52	33.95 1.99 -4.33	30.61 1.84 -2.15	27.25 1.47 -3.14	25.08 1.29 -3.07	23.69 1.06 -3.98
NEG CAPITAL___MECHNVIL 23645	24.38 1.29 0.00	21.72 1.17 0.00	20.92 1.11 0.00	21.03 1.08 -1.41	21.73 1.24 -0.48	25.18 1.54 0.00	34.30 1.82 -4.01	37.92 1.80 -8.86	34.17 1.94 -2.75	34.32 1.84 -4.19	35.27 1.90 -5.08	34.34 1.95 -4.06	31.82 1.92 -1.60	31.33 1.82 -1.17	32.01 1.80 -2.08	33.72 1.74 -4.77	40.57 1.67 -10.51	55.38 1.80 -25.09	39.89 1.80 -9.60	34.82 1.66 -5.53	31.15 1.78 -2.74	27.98 1.34 -4.00	25.82 1.18 -3.91	24.76 1.04 -5.07
NEG CENTRAL_HIGH_ACRES 23767	21.98 -1.11 0.00	19.58 -0.97 0.00	18.92 -0.89 0.00	17.98 -0.82 -0.25	19.27 -0.82 -0.09	22.63 -1.02 0.00	27.96 -1.28 -0.78	27.52 -1.47 -1.73	27.42 -1.89 0.16	26.40 -1.87 0.02	27.19 -1.81 -0.71	26.23 -1.78 0.31	26.41 -1.90 -0.01	26.28 -1.82 0.26	26.35 -1.83 -0.06	26.16 -1.52 -0.47	28.70 -1.73 -2.06	32.09 -1.31 -4.91	29.12 -1.25 -1.88	27.14 -1.57 -1.08	25.75 -1.41 -0.54	22.17 -1.25 -0.77	20.36 -1.12 -0.75	18.74 -0.88 -0.97
NEG CENTRAL___DRP 24199	22.91 -0.18 0.00	20.41 -0.14 0.00	19.67 -0.14 0.00	18.62 -0.19 -0.26	19.95 -0.14 -0.09	23.55 -0.09 0.00	29.16 -0.09 -0.78	28.70 -0.27 -1.71	29.71 -0.41 -0.65	28.64 -0.45 -0.79	28.63 -0.31 -0.65	28.84 -0.40 -0.92	28.12 -0.51 -0.34	28.29 -0.45 -0.39	27.99 -0.48 -0.34	27.42 -0.44 -0.65	30.02 -0.40 -2.03	33.23 -0.11 -4.85	30.30 -0.06 -1.86	28.40 -0.30 -1.07	26.91 -0.24 -0.53	23.17 -0.25 -0.77	21.26 -0.23 -0.76	19.48 -0.15 -0.98
NEG CENTRAL___INDECK 23768	22.84 -0.25 0.00	20.32 -0.23 0.00	19.61 -0.20 0.00	18.60 -0.26 -0.31	19.93 -0.18 -0.11	23.55 -0.09 0.00	29.31 -0.09 -0.93	28.96 -0.33 -2.03	28.44 -0.68 0.36	27.05 -0.88 0.36	27.78 -0.96 -0.44	26.72 -0.93 0.67	27.11 -1.10 0.08	26.92 -1.08 0.35	26.88 -1.13 0.12	26.57 -0.79 -0.15	29.99 -0.79 -2.40	34.06 -0.17 -5.73	30.78 0.09 -2.20	28.54 -0.36 -1.27	27.07 -0.19 -0.63	23.23 -0.34 -0.92	21.30 -0.33 -0.90	19.65 -0.17 -1.17
NEG CENTRAL___SENECA 23627	22.88 -0.21 0.00	20.38 -0.16 0.00	19.67 -0.14 0.00	18.62 -0.20 -0.28	19.96 -0.14 -0.10	23.58 -0.07 0.00	29.22 -0.09 -0.83	28.80 -0.30 -1.85	29.72 -0.50 -0.75	28.57 -0.54 -0.82	28.40 -0.37 -0.48	28.88 -0.48 -1.04	28.04 -0.62 -0.37	28.30 -0.57 -0.52	27.82 -0.62 -0.32	27.20 -0.52 -0.51	30.09 -0.48 -2.19	33.55 -0.17 -5.22	30.47 -0.03 -2.00	28.42 -0.36 -1.15	26.93 -0.27 -0.57	23.18 -0.29 -0.83	21.25 -0.29 -0.81	19.52 -0.19 -1.06
NEG CENTRAL___STATE_STREET 24147	23.09 0.00 0.00	20.55 0.00 0.00	19.81 0.00 0.00	18.76 -0.04 -0.26	20.09 0.00 -0.09	23.69 0.05 0.00	29.30 0.09 -0.75	28.83 -0.08 -1.66	30.17 0.09 -0.61	29.24 0.06 -0.89	29.40 0.14 -0.96	29.34 0.11 -0.91	28.66 0.03 -0.34	28.70 0.06 -0.29	28.58 0.03 -0.43	28.19 0.05 -0.93	30.43 0.09 -1.97	33.54 0.34 -4.70	30.64 0.34 -1.80	28.81 0.14 -1.04	27.30 0.16 -0.51	23.35 -0.05 -0.75	21.42 -0.04 -0.73	19.60 0.00 -0.95

NEG MILLWOOD___DRP 24198	24.43 1.34 0.00	21.76 1.21 0.00	20.96 1.15 0.00	20.75 1.09 -1.11	21.66 1.28 -0.38	25.18 1.54 0.00	33.66 2.02 -3.17	36.35 2.07 -7.02	33.89 2.24 -2.18	33.87 2.26 -3.31	34.49 2.18 -4.01	33.72 2.18 -3.21	31.57 2.01 -1.26	31.34 2.07 -0.92	31.82 2.05 -1.65	32.94 1.96 -3.77	38.95 2.24 -8.32	50.81 2.45 -19.86	38.38 2.28 -7.60	34.11 2.10 -4.38	30.77 1.97 -2.17	27.40 1.59 -3.17	25.20 1.37 -3.10	23.80 1.14 -4.02
NEG NORTH_FLCN_SEA 23793	23.58 0.48 0.00	20.80 0.25 0.00	19.95 0.14 0.00	18.54 0.00 0.00	19.82 -0.18 0.00	23.50 -0.14 0.00	28.21 -0.26 0.00	26.90 -0.35 0.00	29.29 -0.18 0.00	28.46 0.17 0.00	28.66 0.37 0.00	28.92 0.59 0.00	28.95 0.65 0.00	28.89 0.54 0.00	28.46 0.34 0.00	27.32 0.11 0.00	28.27 -0.11 0.00	28.01 -0.48 0.00	27.95 -0.54 0.00	27.22 -0.41 0.00	26.04 -0.59 0.00	21.94 -0.70 0.00	17.05 -0.85 2.83	0.19 -0.78 17.67
NEG NORTH_KES_CHATEGAY 23792	23.34 0.25 0.00	20.59 0.04 0.00	19.75 -0.06 0.00	18.38 -0.17 0.00	19.64 -0.36 0.00	23.27 -0.38 0.00	27.95 -0.51 0.00	26.68 -0.57 0.00	29.06 -0.41 0.00	28.21 -0.08 0.00	28.38 0.08 0.00	28.63 0.31 0.00	28.63 0.34 0.00	28.58 0.23 0.00	28.15 0.03 0.00	27.02 -0.19 0.00	27.98 -0.40 0.00	27.73 -0.77 0.00	27.67 -0.83 0.00	26.97 -0.66 0.00	25.82 -0.80 0.00	21.78 -0.86 0.00	16.97 -0.97 2.79	-1.06 -0.89 18.82
NEG NORTH___ALICE_FALLS 23915	23.58 0.48 0.00	20.78 0.23 0.00	19.93 0.12 0.00	18.53 -0.02 0.00	19.80 -0.20 0.00	23.50 -0.14 0.00	28.24 -0.23 0.00	26.93 -0.33 0.00	29.32 -0.15 0.00	28.46 0.17 0.00	28.69 0.40 0.00	28.92 0.59 0.00	28.95 0.65 0.00	28.89 0.54 0.00	28.43 0.31 0.00	27.29 0.08 0.00	28.27 -0.11 0.00	28.01 -0.48 0.00	27.95 -0.54 0.00	27.24 -0.39 0.00	26.06 -0.56 0.00	21.97 -0.68 0.00	17.05 -0.85 2.83	0.01 -0.78 17.85
NEG NORTH___LWR_SARANAC 23913	23.58 0.48 0.00	20.78 0.23 0.00	19.93 0.12 0.00	18.53 -0.02 0.00	19.80 -0.20 0.00	23.50 -0.14 0.00	28.24 -0.23 0.00	26.93 -0.33 0.00	29.32 -0.15 0.00	28.46 0.17 0.00	28.69 0.40 0.00	28.92 0.59 0.00	28.95 0.65 0.00	28.89 0.54 0.00	28.43 0.31 0.00	27.29 0.08 0.00	28.27 -0.11 0.00	28.01 -0.48 0.00	27.95 -0.54 0.00	27.24 -0.39 0.00	26.06 -0.56 0.00	21.97 -0.68 0.00	17.05 -0.85 2.83	0.01 -0.78 17.85
NEG NORTH___PLATTSBURG 23628	23.58 0.49 0.00	20.78 0.23 0.00	19.93 0.12 0.00	18.53 -0.02 0.00	19.80 -0.20 0.00	23.51 -0.14 0.00	28.24 -0.23 0.00	26.90 -0.36 0.00	29.32 -0.15 0.00	28.49 0.20 0.00	28.75 0.45 0.00	28.95 0.62 0.00	28.95 0.65 0.00	28.89 0.54 0.00	28.46 0.34 0.00	27.29 0.08 0.00	28.27 -0.11 0.00	28.01 -0.48 0.00	27.95 -0.54 0.00	27.24 -0.39 0.00	26.06 -0.56 0.00	21.97 -0.68 0.00	17.05 -0.85 2.83	0.01 -0.78 17.85
NEG WEST_LEA_LOCKPORT 23791	21.36 -1.73 0.00	19.15 -1.40 0.00	18.56 -1.25 0.00	17.49 -1.34 -0.29	18.76 -1.34 -0.10	22.09 -1.56 0.00	27.26 -2.08 -0.87	26.38 -2.64 -1.77	26.33 -2.95 0.20	25.31 -2.89 0.10	26.37 -2.57 -0.65	25.11 -2.83 0.38	25.37 -2.91 0.01	25.19 -2.89 0.27	25.24 -2.90 -0.01	24.85 -2.75 -0.39	27.56 -2.92 -2.10	31.05 -2.45 -5.00	28.31 -2.11 -1.92	26.20 -2.54 -1.11	25.02 -2.16 -0.55	21.61 -1.90 -0.87	19.90 -1.68 -0.85	18.42 -1.32 -1.10
NEG WEST___LANCASTR 23811	21.68 -1.41 0.00	19.40 -1.15 0.00	18.76 -1.05 0.00	17.18 -1.67 -0.31	18.39 -1.72 -0.11	22.39 -1.25 0.00	27.00 -2.39 -0.92	26.54 -2.62 -1.90	26.67 -2.62 0.18	25.97 -2.24 0.09	26.26 -2.69 -0.66	25.63 -2.32 0.37	25.89 -2.41 0.00	25.63 -2.47 0.26	25.77 -2.36 -0.01	25.70 -1.90 -0.39	27.91 -2.72 -2.25	31.47 -2.39 -5.37	28.33 -2.22 -2.06	26.22 -2.60 -1.19	25.01 -2.21 -0.59	21.44 -2.13 -0.92	19.70 -1.93 -0.90	18.17 -1.64 -1.17
NEG_PENN_ALLEGHNY 23528	23.16 0.07 0.00	20.63 0.08 0.00	19.91 0.10 0.00	19.00 0.00 -0.46	20.20 0.04 -0.16	23.81 0.17 0.00	29.99 0.20 -1.33	30.25 0.08 -2.91	30.29 -0.12 -0.94	29.55 -0.17 -1.43	29.86 -0.17 -1.73	29.60 -0.11 -1.39	28.67 -0.17 -0.55	28.61 -0.14 -0.40	28.67 -0.17 -0.71	28.70 -0.14 -1.63	31.89 0.06 -3.45	37.02 0.28 -8.24	31.94 0.28 -3.16	29.51 0.06 -1.82	27.63 0.11 -0.90	24.01 0.05 -1.32	22.06 0.04 -1.29	20.36 0.04 -1.67
NEG___GEN_MONROE 24207	22.24 -0.85 0.00	19.87 -0.68 0.00	19.20 -0.61 0.00	18.23 -0.57 -0.26	19.55 -0.54 -0.09	22.94 -0.71 0.00	28.33 -0.94 -0.80	27.62 -1.42 -1.78	27.60 -1.68 0.19	26.50 -1.73 0.07	27.57 -1.39 -0.66	26.30 -1.67 0.35	26.54 -1.75 0.00	26.35 -1.73 0.27	26.41 -1.74 -0.03	25.92 -1.71 -0.42	28.84 -1.65 -2.11	32.36 -1.17 -5.04	29.45 -0.97 -1.93	27.36 -1.38 -1.11	26.06 -1.12 -0.55	22.38 -1.06 -0.80	20.66 -0.85 -0.78	19.04 -0.62 -1.01
NEPA___ENERGY 23901	21.91 -1.18 0.00	19.60 -0.95 0.00	18.96 -0.85 0.00	17.74 -1.11 -0.31	18.99 -1.12 -0.11	22.63 -1.02 0.00	27.86 -1.54 -0.93	27.17 -2.02 -1.93	27.08 -2.21 0.18	26.11 -2.09 0.10	26.88 -2.07 -0.65	25.85 -2.10 0.38	26.17 -2.12 0.00	25.97 -2.13 0.26	26.05 -2.08 -0.01	25.78 -1.82 -0.39	28.59 -2.07 -2.29	32.32 -1.62 -5.45	29.22 -1.37 -2.09	26.99 -1.85 -1.21	25.68 -1.54 -0.60	22.13 -1.45 -0.93	20.36 -1.29 -0.91	18.75 -1.08 -1.18
NEVERSINK___HYD 23608	24.36 1.27 0.00	21.70 1.15 0.00	20.90 1.09 0.00	20.53 1.02 -0.97	21.51 1.18 -0.33	25.02 1.37 0.00	33.08 1.85 -2.76	35.19 1.83 -6.10	33.15 1.83 -1.86	32.90 1.78 -2.82	33.38 1.67 -3.42	32.73 1.67 -2.74	31.01 1.64 -1.08	30.90 1.76 -0.79	31.24 1.72 -1.40	32.08 1.66 -3.21	37.52 1.90 -7.24	47.79 2.02 -17.28	37.07 1.96 -6.61	33.26 1.82 -3.81	30.19 1.68 -1.89	26.87 1.47 -2.75	24.71 1.29 -2.69	23.18 1.04 -3.49
NEWKRMKL_115KV_TB1 55635	23.60 0.51 0.00	21.10 0.55 0.00	20.37 0.55 0.00	20.46 0.54 -1.38	21.07 0.60 -0.47	24.33 0.69 0.00	33.30 0.91 -3.92	36.88 0.95 -8.67	33.17 1.00 -2.70	33.35 0.96 -4.10	34.25 0.99 -4.97	33.29 0.99 -3.98	30.85 0.99 -1.56	30.49 0.99 -1.14	31.15 0.98 -2.04	32.85 0.98 -4.66	39.63 0.96 -10.29	54.04 1.00 -24.55	38.89 1.00 -9.40	33.98 0.94 -5.41	30.21 0.91 -2.68	27.22 0.66 -3.91	25.14 0.58 -3.83	24.08 0.47 -4.96
NEWTON___FALLS_HYD 23847	23.09 0.00 0.00	20.49 -0.06 0.00	19.73 -0.08 0.00	18.51 -0.09 -0.06	19.88 -0.14 -0.02	23.58 -0.07 0.00	28.68 0.06 -0.15	27.68 0.08 -0.34	29.67 0.09 -0.11	28.54 0.08 -0.16	28.61 0.11 -0.20	28.57 0.08 -0.16	28.44 0.08 -0.06	28.42 0.03 -0.05	28.15 -0.06 -0.08	27.23 -0.16 -0.19	28.58 -0.20 -0.40	29.32 -0.14 -0.96	28.69 -0.17 -0.37	27.76 -0.08 -0.21	26.54 -0.19 -0.11	22.64 -0.16 -0.15	19.15 -0.19 1.40	20.55 -0.19 -2.09
NGRID_A1_DSASP 323792	20.92 -2.17 0.00	18.76 -1.79 0.00	18.19 -1.62 0.00	17.18 -1.65 -0.29	18.44 -1.66 -0.10	21.61 -2.03 0.00	26.69 -2.65 -0.87	25.89 -3.11 -1.74	25.68 -3.60 0.19	24.64 -3.57 0.09	25.35 -3.48 -0.65	24.46 -3.57 0.38	24.73 -3.57 0.00	24.54 -3.54 0.26	24.57 -3.57 -0.02	24.47 -3.13 -0.39	26.87 -3.58 -2.07	30.31 -3.11 -4.92	27.65 -2.74 -1.89	25.60 -3.12 -1.09	24.45 -2.72 -0.54	21.16 -2.36 -0.87	19.52 -2.05 -0.85	18.08 -1.66 -1.10

NGRID_A2_DSASP 323793	20.92 -2.17 0.00	18.76 -1.79 0.00	18.19 -1.62 0.00	17.18 -1.65 -0.29	18.44 -1.66 -0.10	21.61 -2.03 0.00	26.69 -2.65 -0.87	25.89 -3.11 -1.74	25.68 -3.60 0.19	24.64 -3.57 0.09	25.35 -3.59 -0.65	24.46 -3.48 0.38	24.73 -3.57 0.00	24.54 -3.54 0.26	24.57 -3.57 -0.02	24.47 -3.13 -0.39	26.87 -3.58 -2.07	30.31 -3.11 -4.92	27.65 -2.74 -1.89	25.60 -3.12 -1.09	24.45 -2.72 -0.54	21.16 -2.36 -0.87	19.52 -2.05 -0.85	18.08 -1.66 -1.10
NGRID_A4_DSASP 323807	20.92 -2.17 0.00	18.76 -1.79 0.00	18.19 -1.62 0.00	17.18 -1.65 -0.29	18.44 -1.66 -0.10	21.61 -2.03 0.00	26.69 -2.65 -0.87	25.89 -3.11 -1.74	25.68 -3.60 0.19	24.64 -3.57 0.09	25.35 -3.59 -0.65	24.46 -3.48 0.38	24.73 -3.57 0.00	24.54 -3.54 0.26	24.57 -3.57 -0.02	24.47 -3.13 -0.39	26.87 -3.58 -2.07	30.31 -3.11 -4.92	27.65 -2.74 -1.89	25.60 -3.12 -1.09	24.45 -2.72 -0.54	21.16 -2.36 -0.87	19.52 -2.05 -0.85	18.08 -1.66 -1.10
NIAGARA_115E_LBMP 323715	21.08 -2.01 0.00	18.90 -1.64 0.00	18.33 -1.49 0.00	17.27 -1.56 -0.29	18.54 -1.56 -0.10	21.80 -1.84 0.00	26.89 -2.45 -0.87	26.13 -2.89 -1.77	25.92 -3.36 0.19	24.86 -3.34 0.10	25.58 -3.37 -0.65	24.69 -3.26 0.38	24.92 -3.37 0.00	24.77 -3.32 0.27	24.79 -3.35 -0.01	24.64 -2.97 -0.39	27.12 -3.35 -2.09	30.61 -2.88 -4.99	27.90 -2.51 -1.91	25.78 -2.96 -1.10	24.64 -2.53 -0.55	21.32 -2.20 -0.87	19.65 -1.93 -0.85	18.20 -1.55 -1.10
NIAGARA_115W_LBMP 323714	20.85 -2.24 0.00	18.70 -1.85 0.00	18.13 -1.68 0.00	17.13 -1.71 -0.29	18.38 -1.72 -0.10	21.57 -2.08 0.00	26.61 -2.73 -0.87	25.83 -3.16 -1.74	25.63 -3.66 0.19	24.58 -3.62 0.09	25.29 -3.65 -0.65	24.41 -3.54 0.37	24.67 -3.62 0.00	24.49 -3.60 0.26	24.51 -3.63 -0.02	24.42 -3.18 -0.39	26.81 -3.63 -2.06	30.21 -3.19 -4.91	27.56 -2.82 -1.88	25.54 -3.18 -1.09	24.40 -2.77 -0.54	21.11 -2.40 -0.87	19.48 -2.09 -0.85	18.05 -1.70 -1.10
NIAGARA_230_LBMP 323716	21.20 -1.89 0.00	19.01 -1.54 0.00	18.41 -1.41 0.00	17.38 -1.45 -0.29	18.66 -1.44 -0.10	21.90 -1.75 0.00	27.00 -2.33 -0.87	26.24 -2.73 -1.71	26.04 -3.24 0.19	24.98 -3.23 0.09	25.69 -3.25 -0.65	24.81 -3.14 0.37	25.07 -3.23 0.00	24.88 -3.20 0.26	24.93 -3.21 -0.02	24.77 -2.83 -0.40	27.23 -3.18 -2.02	30.61 -2.71 -4.82	27.98 -2.36 -1.85	25.91 -2.79 -1.07	24.76 -2.40 -0.53	21.42 -2.08 -0.86	19.77 -1.80 -0.84	18.28 -1.45 -1.09
NIAGARA__115KV_198_GIBSON 55903	20.83 -2.26 0.00	18.70 -1.85 0.00	18.13 -1.68 0.00	17.13 -1.71 -0.29	18.38 -1.72 -0.10	21.54 -2.10 0.00	26.61 -2.73 -0.87	25.64 -3.35 -1.74	25.63 -3.65 0.19	24.61 -3.59 0.09	25.72 -3.23 -0.65	24.46 -3.48 0.37	24.73 -3.57 0.00	24.51 -3.57 0.26	24.57 -3.57 -0.02	24.20 -3.40 -0.39	26.81 -3.63 -2.06	30.21 -3.19 -4.91	27.56 -2.82 -1.88	25.54 -3.18 -1.09	24.42 -2.74 -0.54	21.12 -2.40 -0.87	19.49 -2.09 -0.85	18.04 -1.72 -1.11
NIAGARA____ 23760	21.20 -1.89 0.00	19.01 -1.54 0.00	18.41 -1.41 0.00	17.39 -1.45 -0.29	18.66 -1.44 -0.10	21.90 -1.75 0.00	27.00 -2.33 -0.87	26.26 -2.73 -1.73	26.04 -3.24 0.19	24.98 -3.23 0.09	25.69 -3.25 -0.65	24.81 -3.14 0.37	25.07 -3.23 0.00	24.88 -3.20 0.26	24.93 -3.21 -0.02	24.77 -2.83 -0.39	27.25 -3.18 -2.05	30.67 -2.71 -4.88	28.00 -2.36 -1.87	25.92 -2.79 -1.08	24.77 -2.40 -0.54	21.43 -2.08 -0.86	19.77 -1.80 -0.84	18.29 -1.45 -1.10
NINE_MILE_1 23575	22.44 -0.65 0.00	20.00 -0.55 0.00	19.28 -0.53 0.00	18.22 -0.50 -0.17	19.54 -0.52 -0.06	22.98 -0.66 0.00	28.16 -0.80 -0.49	27.42 -0.93 -1.09	28.72 -1.09 -0.34	27.74 -1.08 -0.52	27.88 -1.05 -0.63	27.78 -1.05 -0.50	27.42 -1.08 -0.20	27.45 -1.05 -0.14	27.34 -1.04 -0.26	26.82 -0.98 -0.59	28.65 -1.02 -1.29	30.67 -0.91 -3.09	28.74 -0.94 -1.18	27.32 -0.99 -0.68	26.06 -0.91 -0.34	22.45 -0.68 -0.49	20.65 -0.56 -0.48	18.80 -0.47 -0.62
NINE_MILE_2 23744	22.47 -0.62 0.00	20.00 -0.55 0.00	19.28 -0.53 0.00	18.22 -0.50 -0.17	19.54 -0.52 -0.06	22.98 -0.66 0.00	28.16 -0.80 -0.49	27.42 -0.93 -1.09	28.72 -1.09 -0.34	27.74 -1.08 -0.52	27.88 -1.05 -0.63	27.78 -1.05 -0.50	27.42 -1.08 -0.20	27.45 -1.05 -0.14	27.34 -1.04 -0.26	26.82 -0.98 -0.59	28.65 -1.02 -1.29	30.66 -0.91 -3.08	28.73 -0.94 -1.18	27.32 -0.99 -0.68	26.05 -0.91 -0.34	22.45 -0.68 -0.49	20.65 -0.56 -0.47	18.80 -0.47 -0.62
NM_CAPITAL____DRP 24208	23.58 0.48 0.00	21.08 0.53 0.00	20.35 0.53 0.00	20.43 0.52 -1.37	21.05 0.58 -0.47	24.31 0.66 0.00	33.25 0.88 -3.90	36.80 0.93 -8.62	33.12 0.97 -2.68	33.30 0.93 -4.07	34.19 0.96 -4.94	33.24 0.96 -3.95	30.81 0.96 -1.55	30.45 0.96 -1.13	31.10 0.96 -2.03	32.90 1.06 -4.63	39.65 1.05 -10.22	53.94 1.05 -24.39	38.91 1.08 -9.34	34.03 1.02 -5.38	30.30 1.01 -2.67	27.27 0.72 -3.90	25.19 0.64 -3.82	24.12 0.52 -4.95
NM_CENTRAL____DRP 24181	22.88 -0.21 0.00	20.36 -0.18 0.00	19.65 -0.16 0.00	18.59 -0.17 -0.21	19.93 -0.14 -0.07	23.46 -0.19 0.00	28.88 -0.20 -0.62	28.27 -0.35 -1.36	29.46 -0.44 -0.43	28.49 -0.45 -0.65	28.72 -0.37 -0.79	28.56 -0.40 -0.63	28.09 -0.45 -0.25	28.11 -0.43 -0.18	28.02 -0.42 -0.32	27.57 -0.38 -0.74	29.60 -0.40 -1.62	32.10 -0.26 -3.86	29.69 -0.28 -1.48	28.07 -0.41 -0.85	26.70 -0.35 -0.42	23.06 -0.20 -0.62	21.17 -0.17 -0.60	19.33 -0.09 -0.78
NM_FRONTIER____DRP 24179	20.83 -2.26 0.00	18.70 -1.85 0.00	18.13 -1.68 0.00	17.13 -1.71 -0.29	18.38 -1.72 -0.10	21.54 -2.10 0.00	26.61 -2.73 -0.87	25.64 -3.35 -1.74	25.63 -3.65 0.19	24.61 -3.59 0.09	25.72 -3.23 -0.65	24.46 -3.48 0.37	24.73 -3.57 0.00	24.51 -3.57 0.26	24.57 -3.57 -0.02	24.20 -3.40 -0.39	26.81 -3.63 -2.06	30.21 -3.19 -4.91	27.56 -2.82 -1.88	25.54 -3.18 -1.09	24.42 -2.74 -0.54	21.12 -2.40 -0.87	19.49 -2.09 -0.85	18.04 -1.72 -1.11
NM_ST_REGIS____HYD 24053	23.25 0.16 0.00	20.57 0.02 0.00	19.79 -0.02 0.00	18.52 -0.06 -0.03	19.85 -0.16 -0.01	23.55 -0.09 0.00	28.43 -0.11 -0.08	27.37 -0.05 -0.17	29.52 0.00 -0.05	28.49 0.11 -0.08	28.56 0.17 -0.10	28.63 0.23 -0.08	28.58 0.25 -0.03	28.52 0.14 -0.02	28.16 0.00 -0.04	27.11 -0.19 -0.09	28.30 -0.28 -0.20	28.52 -0.46 -0.48	28.22 -0.46 -0.18	27.43 -0.30 -0.11	26.25 -0.43 -0.05	22.38 -0.34 -0.08	18.06 -0.37 2.30	23.05 -0.34 -4.74
NORTHPORT____1 23551	29.67 1.32 -5.26	27.79 1.25 -5.99	27.15 1.17 -6.17	26.25 1.15 -6.55	27.95 1.28 -6.67	31.40 1.56 -6.19	33.54 1.94 -3.13	36.23 2.05 -6.93	34.73 2.24 -3.02	33.71 2.15 -3.27	34.32 2.06 -3.96	34.69 2.07 -4.30	34.01 2.12 -3.59	32.72 2.21 -2.16	33.14 2.17 -2.86	35.18 2.01 -5.96	50.36 2.27 -19.71	62.99 2.39 -32.10	49.43 2.31 -18.63	41.69 2.18 -11.88	37.50 2.05 -8.83	32.38 1.61 -8.13	28.13 1.76 -5.64	24.09 1.47 -3.97
NORTHPORT____2 23552	29.67 1.32 -5.26	27.79 1.25 -5.99	27.15 1.17 -6.17	26.25 1.15 -6.55	27.95 1.28 -6.67	31.40 1.56 -6.19	33.54 1.94 -3.13	36.23 2.05 -6.93	34.73 2.24 -3.02	33.71 2.15 -3.27	34.32 2.06 -3.96	34.69 2.07 -4.30	34.01 2.12 -3.59	32.72 2.21 -2.16	33.14 2.17 -2.86	35.18 2.01 -5.96	50.36 2.27 -19.71	62.99 2.39 -32.10	49.43 2.31 -18.63	41.69 2.18 -11.88	37.50 2.05 -8.83	32.38 1.61 -8.13	28.13 1.76 -5.64	24.09 1.47 -3.97

NORTHPORT___3 23553	30.06 1.71 -5.26	28.10 1.56 -5.99	27.47 1.49 -6.17	26.51 1.41 -6.55	28.23 1.56 -6.67	31.57 1.73 -6.19	33.68 2.08 -3.13	36.37 2.18 -6.93	34.91 2.42 -3.02	33.91 2.35 -3.27	34.55 2.29 -3.96	34.95 2.32 -4.30	34.24 2.35 -3.59	32.95 2.44 -2.16	33.40 2.42 -2.86	35.40 2.23 -5.96	50.61 2.52 -19.71	63.28 2.68 -32.10	49.72 2.59 -18.63	41.91 2.40 -11.88	37.72 2.26 -8.83	32.57 1.79 -8.13	28.36 1.99 -5.64	24.29 1.68 -3.97
NORTHPORT___4 23650	30.06 1.71 -5.26	28.10 1.56 -5.99	27.47 1.49 -6.17	26.51 1.41 -6.55	28.23 1.56 -6.67	31.57 1.73 -6.19	33.68 2.08 -3.13	36.37 2.18 -6.93	34.91 2.42 -3.02	33.91 2.35 -3.27	34.55 2.29 -3.96	34.95 2.32 -4.30	34.24 2.35 -3.59	32.95 2.44 -2.16	33.40 2.42 -2.86	35.40 2.23 -5.96	50.61 2.52 -19.71	63.28 2.68 -32.10	49.72 2.59 -18.63	41.91 2.40 -11.88	37.72 2.26 -8.83	32.57 1.79 -8.13	28.36 1.99 -5.64	24.29 1.68 -3.97
NORTHPORT___IC 23718	29.67 1.32 -5.26	27.79 1.25 -5.99	27.15 1.17 -6.17	26.25 1.15 -6.55	27.95 1.28 -6.67	31.40 1.56 -6.19	33.54 1.94 -3.13	36.23 2.05 -6.93	34.73 2.24 -3.02	33.71 2.15 -3.27	34.32 2.06 -3.96	34.69 2.07 -4.30	34.01 2.12 -3.59	32.72 2.21 -2.16	33.14 2.17 -2.86	35.18 2.01 -5.96	50.36 2.27 -19.71	62.99 2.39 -32.10	49.43 2.31 -18.63	41.69 2.18 -11.88	37.50 2.05 -8.83	32.38 1.61 -8.13	28.13 1.76 -5.64	24.09 1.47 -3.97
NORTH___COUNTRY_ESR 323785	23.27 0.18 0.00	20.53 -0.02 0.00	19.69 -0.12 0.00	18.32 -0.22 0.00	19.58 -0.42 0.00	23.20 -0.45 0.00	27.84 -0.63 0.00	26.55 -0.71 0.00	28.97 -0.50 0.00	28.13 -0.17 0.00	28.38 0.09 0.00	28.55 0.23 0.00	28.58 0.28 0.00	28.52 0.17 0.00	28.09 -0.03 0.00	26.94 -0.27 0.00	27.90 -0.48 0.00	27.64 -0.85 0.00	27.58 -0.91 0.00	26.89 -0.74 0.00	25.75 -0.88 0.00	21.72 -0.93 0.00	16.91 -1.04 2.79	-1.15 -0.95 18.84
NPX_GEN_1385_PROXY 323591	29.16 0.81 -5.26	27.36 0.82 -5.99	26.75 0.77 -6.17	25.95 0.85 -6.55	27.75 1.08 -6.67	31.19 1.35 -6.19	33.45 1.85 -3.13	37.38 2.05 -8.08	33.21 1.86 -1.88	33.23 1.67 -3.27	33.81 1.56 -3.96	34.10 1.47 -4.30	33.50 1.61 -3.59	32.38 1.87 -2.16	32.61 1.63 -2.86	34.66 1.50 -5.96	49.56 1.47 -19.71	62.08 1.48 -32.10	48.55 1.42 -18.63	41.00 1.49 -11.88	36.89 1.44 -8.83	32.27 1.49 -8.13	27.99 1.62 -5.64	24.03 1.42 -3.97
NPX_GEN_CSC 323557	29.53 1.18 -5.26	27.87 1.33 -5.99	27.23 1.25 -6.17	26.34 1.24 -6.55	27.93 1.26 -6.67	31.59 1.75 -6.19	33.94 2.33 -3.13	37.54 2.21 -8.08	33.68 2.33 -1.88	33.69 2.12 -3.27	34.30 2.04 -3.96	34.66 2.04 -4.30	33.95 2.06 -3.59	32.75 2.24 -2.16	33.25 2.28 -2.86	35.34 2.18 -5.96	50.53 2.44 -19.71	63.25 2.65 -32.10	49.63 2.51 -18.63	41.83 2.32 -11.88	37.66 2.21 -8.83	32.52 1.74 -8.13	28.16 1.78 -5.64	24.18 1.57 -3.97
NSINS_S_GLNS_FALLS 23858	24.73 1.64 0.00	22.01 1.46 0.00	21.20 1.39 0.00	21.30 1.34 -1.42	22.03 1.54 -0.49	25.59 1.94 0.00	34.38 1.88 -4.04	37.98 1.80 -8.93	34.25 2.00 -2.77	34.38 1.87 -4.22	35.39 1.98 -5.11	34.51 2.10 -4.09	31.97 2.07 -1.61	31.31 1.79 -1.18	31.94 1.72 -2.10	33.72 1.71 -4.80	40.30 1.33 -10.59	55.24 1.48 -25.26	39.65 1.48 -9.67	34.56 1.35 -5.57	31.28 1.89 -2.76	28.03 1.36 -4.03	25.95 1.29 -3.94	24.98 1.23 -5.11
NUCOR_STEEL___DRP 24197	23.16 0.07 0.00	20.61 0.06 0.00	19.87 0.06 0.00	18.81 0.02 -0.25	20.15 0.06 -0.09	23.74 0.09 0.00	29.31 0.11 -0.73	28.82 -0.05 -1.62	29.96 -0.12 -0.60	29.06 -0.14 -0.90	29.23 -0.08 -1.02	29.11 -0.11 -0.90	28.46 -0.17 -0.34	28.48 -0.14 -0.27	28.40 -0.17 -0.45	28.05 -0.14 -0.98	30.19 -0.11 -1.92	33.19 0.11 -4.59	30.36 0.11 -1.76	28.59 -0.06 -1.01	27.13 0.00 -0.50	23.38 0.00 -0.73	21.47 0.02 -0.72	19.63 0.06 -0.93
NUMBER_THREE_WT_PWR 323818	23.39 0.30 0.00	20.78 0.23 0.00	20.01 0.20 0.00	18.81 0.19 -0.08	20.21 0.18 -0.03	23.93 0.28 0.00	29.30 0.63 -0.21	28.31 0.60 -0.46	30.12 0.50 -0.14	28.94 0.43 -0.22	29.04 0.48 -0.27	28.96 0.43 -0.21	28.77 0.40 -0.08	28.81 0.40 -0.06	28.54 0.31 -0.11	27.76 0.30 -0.25	29.24 0.31 -0.54	30.28 0.48 -1.30	29.48 0.48 -0.50	28.36 0.44 -0.29	27.11 0.35 -0.14	23.14 0.27 -0.23	20.52 0.19 0.40	19.95 0.15 -1.16
NYISO_LBMP_REFERENCE 24008	23.09 0.00 0.00	20.55 0.00 0.00	19.81 0.00 0.00	18.54 0.00 0.00	20.00 0.00 0.00	23.65 0.00 0.00	28.47 0.00 0.00	27.26 0.00 0.00	29.47 0.00 0.00	28.29 0.00 0.00	28.29 0.00 0.00	28.32 0.00 0.00	28.29 0.00 0.00	28.35 0.00 0.00	28.12 0.00 0.00	27.21 0.00 0.00	28.38 0.00 0.00	28.49 0.00 0.00	28.49 0.00 0.00	27.63 0.00 0.00	26.62 0.00 0.00	22.65 0.00 0.00	20.73 0.00 0.00	18.65 0.00 0.00
NYPA_BRENTWD___GT 24164	29.97 1.62 -5.26	28.03 1.50 -5.99	27.41 1.43 -6.17	26.47 1.37 -6.55	28.17 1.50 -6.67	31.71 1.87 -6.19	34.02 2.42 -3.13	36.67 2.48 -6.93	35.24 2.74 -3.02	34.19 2.63 -3.27	34.83 2.57 -3.96	35.20 2.58 -4.30	34.49 2.60 -3.59	33.21 2.69 -2.16	33.62 2.64 -2.86	35.67 2.50 -5.96	50.92 2.84 -19.71	63.59 2.99 -32.10	50.03 2.91 -18.63	42.22 2.71 -11.88	38.01 2.56 -8.83	32.75 1.97 -8.13	28.40 2.03 -5.64	24.33 1.71 -3.97
NYPA_GOWANUS___GT5 24156	24.55 1.46 0.00	21.87 1.32 0.00	21.06 1.25 0.00	20.83 1.19 -1.10	21.68 1.30 -0.38	25.06 1.42 0.00	33.54 1.94 -3.14	36.24 2.05 -6.94	33.89 2.27 -2.15	33.89 2.32 -3.27	34.41 2.15 -3.97	33.73 2.24 -3.17	31.78 2.23 -1.25	31.53 2.27 -0.91	32.00 2.25 -1.63	33.00 2.07 -3.72	39.05 2.44 -8.23	50.72 2.59 -19.63	38.46 2.45 -7.51	34.28 2.32 -4.33	30.85 2.08 -2.15	27.45 1.68 -3.13	25.28 1.49 -3.06	23.88 1.27 -3.97
NYPA_GOWANUS___GT6 24157	24.55 1.46 0.00	21.87 1.32 0.00	21.06 1.25 0.00	20.83 1.19 -1.10	21.68 1.30 -0.38	25.06 1.42 0.00	33.54 1.94 -3.14	36.24 2.05 -6.94	33.89 2.27 -2.15	33.89 2.32 -3.27	34.41 2.15 -3.97	33.73 2.24 -3.17	31.78 2.23 -1.25	31.53 2.27 -0.91	32.00 2.25 -1.63	33.00 2.07 -3.72	39.05 2.44 -8.23	50.72 2.59 -19.63	38.46 2.45 -7.51	34.28 2.32 -4.33	30.85 2.08 -2.15	27.45 1.68 -3.13	25.28 1.49 -3.06	23.88 1.27 -3.97
NYPA_HARLEM__RVR__GT1 24160	24.41 1.32 0.00	21.82 1.27 0.00	21.00 1.19 0.00	20.78 1.13 -1.10	21.62 1.24 -0.38	24.85 1.21 0.00	33.22 1.62 -3.13	35.98 1.80 -6.93	33.65 2.03 -2.14	33.59 2.04 -3.26	34.18 1.92 -3.96	33.44 1.95 -3.17	31.52 1.98 -1.24	31.27 2.01 -0.90	31.74 2.00 -1.62	32.78 1.85 -3.72	38.73 2.13 -8.22	50.39 2.28 -19.62	38.16 2.16 -7.51	33.97 2.02 -4.32	30.57 1.81 -2.14	27.22 1.45 -3.12	25.07 1.29 -3.05	23.81 1.19 -3.97
NYPA_HARLEM__RVR__GT2 24161	24.41 1.32 0.00	21.82 1.27 0.00	21.00 1.19 0.00	20.78 1.13 -1.10	21.62 1.24 -0.38	24.85 1.21 0.00	33.22 1.62 -3.13	35.98 1.80 -6.93	33.65 2.03 -2.14	33.59 2.04 -3.26	34.18 1.92 -3.96	33.44 1.95 -3.17	31.52 1.98 -1.24	31.27 2.01 -0.90	31.74 2.00 -1.62	32.78 1.85 -3.72	38.73 2.13 -8.22	50.39 2.28 -19.62	38.16 2.16 -7.51	33.97 2.02 -4.32	30.57 1.81 -2.14	27.22 1.45 -3.12	25.07 1.29 -3.05	23.81 1.19 -3.97

NYPA_KENT____GT 24152	24.50 1.41 0.00	21.84 1.30 0.00	21.02 1.21 0.00	20.80 1.15 -1.10	21.64 1.26 -0.38	25.04 1.39 0.00	33.48 1.88 -3.14	36.21 2.02 -6.94	33.86 2.24 -2.15	33.83 2.26 -3.27	34.38 2.12 -3.97	33.68 2.18 -3.17	31.75 2.21 -1.25	31.50 2.24 -0.91	31.97 2.22 -1.63	32.97 2.04 -3.72	38.99 2.38 -8.23	50.66 2.54 -19.63	38.40 2.39 -7.51	34.23 2.27 -4.33	30.79 2.02 -2.15	27.41 1.63 -3.13	25.24 1.45 -3.06	23.84 1.23 -3.97
NYPA_POUCH1____GT 24155	24.57 1.48 0.00	21.91 1.36 0.00	21.08 1.27 0.00	20.85 1.20 -1.10	21.70 1.32 -0.38	25.09 1.44 0.00	33.56 1.96 -3.14	36.24 2.05 -6.94	33.95 2.33 -2.15	33.91 2.35 -3.27	34.44 2.18 -3.97	33.76 2.27 -3.17	31.81 2.26 -1.25	31.56 2.30 -0.91	32.03 2.28 -1.63	33.06 2.12 -3.72	39.07 2.47 -8.23	50.74 2.62 -19.63	38.52 2.51 -7.51	34.31 2.35 -4.33	30.87 2.10 -2.15	27.47 1.70 -3.13	25.30 1.51 -3.06	23.90 1.29 -3.97
NYPA_VERNON____GT2 24162	24.43 1.34 0.00	21.80 1.25 0.00	20.98 1.17 0.00	20.78 1.13 -1.10	21.62 1.24 -0.38	25.02 1.37 0.00	33.45 1.85 -3.14	36.21 2.02 -6.94	33.83 2.21 -2.15	33.80 2.23 -3.27	34.35 2.09 -3.97	33.65 2.15 -3.17	31.72 2.18 -1.25	31.48 2.21 -0.91	31.94 2.19 -1.63	32.95 2.01 -3.72	38.96 2.35 -8.23	50.60 2.48 -19.63	38.37 2.36 -7.51	34.17 2.21 -4.33	30.77 2.00 -2.15	27.38 1.61 -3.13	25.22 1.43 -3.06	23.81 1.19 -3.97
NYPA_VERNON____GT3 24163	24.43 1.34 0.00	21.80 1.25 0.00	20.98 1.17 0.00	20.78 1.13 -1.10	21.62 1.24 -0.38	25.02 1.37 0.00	33.45 1.85 -3.14	36.21 2.02 -6.94	33.83 2.21 -2.15	33.80 2.23 -3.27	34.35 2.09 -3.97	33.65 2.15 -3.17	31.72 2.18 -1.25	31.48 2.21 -0.91	31.94 2.19 -1.63	32.95 2.01 -3.72	38.96 2.35 -8.23	50.60 2.48 -19.63	38.37 2.36 -7.51	34.17 2.21 -4.33	30.77 2.00 -2.15	27.38 1.61 -3.13	25.22 1.43 -3.06	23.81 1.19 -3.97
NYPA__ASTORIA_CC1 323568	24.43 1.34 0.00	21.78 1.23 0.00	20.98 1.17 0.00	20.78 1.13 -1.10	21.60 1.22 -0.38	24.99 1.35 0.00	33.43 1.82 -3.14	36.15 1.96 -6.94	33.80 2.18 -2.15	33.77 2.21 -3.27	34.33 2.06 -3.97	33.62 2.13 -3.17	31.69 2.15 -1.25	31.42 2.15 -0.91	31.89 2.14 -1.63	32.92 1.99 -3.72	38.90 2.30 -8.23	50.57 2.45 -19.63	38.32 2.31 -7.51	34.12 2.16 -4.33	30.71 1.94 -2.15	27.34 1.56 -3.13	25.20 1.41 -3.06	23.81 1.19 -3.97
NYPA__ASTORIA_CC2 323569	24.43 1.34 0.00	21.78 1.23 0.00	20.98 1.17 0.00	20.78 1.13 -1.10	21.60 1.22 -0.38	24.99 1.35 0.00	33.43 1.82 -3.14	36.15 1.96 -6.94	33.80 2.18 -2.15	33.77 2.21 -3.27	34.33 2.06 -3.97	33.62 2.13 -3.17	31.69 2.15 -1.25	31.42 2.15 -0.91	31.89 2.14 -1.63	32.92 1.99 -3.72	38.90 2.30 -8.23	50.57 2.45 -19.63	38.32 2.31 -7.51	34.12 2.16 -4.33	30.71 1.94 -2.15	27.34 1.56 -3.13	25.20 1.41 -3.06	23.81 1.19 -3.97
NYPA__HOLTSVILL 23794	29.78 1.43 -5.26	27.93 1.40 -5.99	27.31 1.33 -6.17	26.38 1.28 -6.55	28.05 1.38 -6.67	31.61 1.77 -6.19	33.91 2.30 -3.13	36.50 2.32 -6.93	35.06 2.56 -3.02	34.00 2.43 -3.27	34.61 2.35 -3.96	34.97 2.35 -4.30	34.27 2.38 -3.59	33.01 2.50 -2.16	33.48 2.50 -2.86	35.53 2.37 -5.96	50.75 2.67 -19.71	63.45 2.85 -32.10	49.86 2.74 -18.63	42.05 2.54 -11.88	37.85 2.40 -8.83	32.61 1.83 -8.13	28.28 1.91 -5.64	24.23 1.62 -3.97
NYPA____HELLGATE_GT1 24158	24.41 1.32 0.00	21.82 1.27 0.00	21.00 1.19 0.00	20.78 1.13 -1.10	21.62 1.24 -0.38	24.85 1.21 0.00	33.22 1.62 -3.13	35.98 1.80 -6.93	33.65 2.03 -2.14	33.59 2.04 -3.26	34.18 1.92 -3.96	33.44 1.95 -3.17	31.52 1.98 -1.24	31.27 2.01 -0.90	31.74 2.00 -1.62	32.78 1.85 -3.72	38.70 2.10 -8.22	50.37 2.25 -19.62	38.14 2.14 -7.51	33.94 1.99 -4.32	30.57 1.81 -2.14	27.22 1.45 -3.12	25.07 1.29 -3.05	23.81 1.19 -3.97
NYPA____HELLGATE_GT2 24159	24.41 1.32 0.00	21.82 1.27 0.00	21.00 1.19 0.00	20.78 1.13 -1.10	21.62 1.24 -0.38	24.85 1.21 0.00	33.22 1.62 -3.13	35.98 1.80 -6.93	33.65 2.03 -2.14	33.59 2.04 -3.26	34.18 1.92 -3.96	33.44 1.95 -3.17	31.52 1.98 -1.24	31.27 2.01 -0.90	31.74 2.00 -1.62	32.78 1.85 -3.72	38.70 2.10 -8.22	50.37 2.25 -19.62	38.14 2.14 -7.51	33.94 1.99 -4.32	30.57 1.81 -2.14	27.22 1.45 -3.12	25.07 1.29 -3.05	23.81 1.19 -3.97
NYS_BARGE__HYD 23848	21.38 -1.71 0.00	19.15 -1.40 0.00	18.56 -1.25 0.00	17.49 -1.34 -0.28	18.78 -1.32 -0.10	22.11 -1.54 0.00	27.28 -2.05 -0.86	26.55 -2.48 -1.77	26.33 -2.95 0.19	25.29 -2.91 0.09	25.97 -2.97 -0.65	25.09 -2.86 0.38	25.32 -2.97 0.00	25.16 -2.92 0.27	25.19 -2.95 -0.02	25.02 -2.59 -0.39	27.56 -2.92 -2.10	31.08 -2.42 -5.01	28.34 -2.08 -1.92	26.20 -2.54 -1.11	25.02 -2.16 -0.55	21.60 -1.90 -0.86	19.91 -1.66 -0.84	18.43 -1.31 -1.09
OAK_ORCHARD__HYD 24046	22.21 -0.88 0.00	19.81 -0.74 0.00	19.14 -0.67 0.00	18.19 -0.61 -0.26	19.53 -0.56 -0.09	22.87 -0.78 0.00	28.30 -0.97 -0.80	27.78 -1.25 -1.78	27.63 -1.65 0.19	26.53 -1.70 0.07	27.29 -1.67 -0.67	26.36 -1.61 0.35	26.56 -1.73 0.00	26.44 -1.65 0.27	26.49 -1.66 -0.03	26.33 -1.31 -0.42	28.96 -1.53 -2.11	32.45 -1.08 -5.04	29.51 -0.91 -1.93	27.42 -1.33 -1.11	26.08 -1.09 -0.55	22.44 -1.00 -0.79	20.63 -0.87 -0.77	19.01 -0.63 -1.00
OAKDALE__35_KV_LOAD 356122	23.09 0.00 0.00	20.57 0.02 0.00	19.85 0.04 0.00	18.95 -0.06 -0.46	20.12 -0.04 -0.16	23.72 0.07 0.00	29.87 0.09 -1.32	30.07 -0.08 -2.90	30.11 -0.29 -0.94	29.44 -0.28 -1.43	29.77 -0.25 -1.73	29.45 -0.25 -1.38	28.56 -0.28 -0.54	28.49 -0.26 -0.40	28.55 -0.28 -0.71	28.67 -0.16 -1.62	31.73 -0.09 -3.43	36.83 0.14 -8.19	31.80 0.17 -3.14	29.38 -0.06 -1.81	27.52 0.00 -0.90	23.94 -0.02 -1.32	22.00 -0.02 -1.29	20.30 -0.02 -1.67
OCC_CHEM__DRP 24175	20.87 -2.22 0.00	18.76 -1.79 0.00	18.19 -1.62 0.00	17.18 -1.65 -0.29	18.42 -1.68 -0.10	21.59 -2.06 0.00	26.69 -2.65 -0.87	25.73 -3.27 -1.74	25.71 -3.57 0.19	24.69 -3.51 0.09	25.77 -3.17 -0.65	24.52 -3.43 0.38	24.78 -3.51 0.00	24.60 -3.49 0.26	24.62 -3.52 -0.02	24.26 -3.35 -0.39	26.87 -3.58 -2.07	30.31 -3.11 -4.92	27.65 -2.74 -1.89	25.63 -3.09 -1.09	24.48 -2.69 -0.54	21.16 -2.36 -0.87	19.53 -2.05 -0.85	18.09 -1.66 -1.11
OH_GEN_PROXY 24063	21.24 -1.85 0.00	19.05 -1.50 0.00	18.44 -1.37 0.00	17.42 -1.41 -0.29	18.70 -1.40 -0.10	21.97 -1.68 0.00	27.09 -2.25 -0.87	27.64 -2.64 -3.02	24.99 -3.15 1.33	25.07 -3.14 0.08	25.78 -3.17 -0.66	24.90 -3.06 0.36	25.15 -3.14 0.00	25.00 -3.09 0.26	25.02 -3.12 -0.02	24.89 -2.72 -0.40	27.54 -3.07 -2.23	31.19 -2.62 -5.32	28.28 -2.25 -2.04	26.10 -2.71 -1.17	24.89 -2.32 -0.58	21.49 -2.02 -0.86	19.81 -1.76 -0.84	18.32 -1.42 -1.09
OLIN_CORP_DRP 24177	21.10 -1.99 0.00	18.95 -1.60 0.00	18.36 -1.45 0.00	17.31 -1.52 -0.29	18.58 -1.52 -0.10	21.80 -1.84 0.00	26.92 -2.42 -0.88	26.03 -3.00 -1.77	25.98 -3.30 0.19	24.97 -3.23 0.10	26.03 -2.91 -0.65	24.80 -3.14 0.38	25.07 -3.23 0.00	24.85 -3.23 0.27	24.90 -3.07 -0.01	24.53 -3.07 -0.39	27.19 -3.29 -2.10	30.67 -2.82 -5.00	27.96 -2.45 -1.92	25.87 -2.87 -1.11	24.73 -2.45 -0.55	21.37 -2.15 -0.88	19.70 -1.89 -0.86	18.25 -1.51 -1.11

OLIN_CORP_DSASP 323712	20.92 -2.17 0.00	18.76 -1.79 0.00	18.19 -1.62 0.00	17.18 -1.65 -0.29	18.44 -1.66 -0.10	21.61 -2.03 0.00	26.69 -2.65 -0.87	25.89 -3.11 -1.74	25.68 -3.60 0.19	24.64 -3.57 0.09	25.35 -3.59 -0.65	24.46 -3.48 0.38	24.73 -3.57 0.00	24.54 -3.54 0.26	24.57 -3.57 -0.02	24.47 -3.13 -0.39	26.87 -3.58 -2.07	30.31 -3.11 -4.92	27.65 -2.74 -1.89	25.60 -3.12 -1.09	24.45 -2.72 -0.54	21.16 -2.36 -0.87	19.52 -2.05 -0.85	18.08 -1.66 -1.10
ONEIDA_HERK_LFGE 323681	23.58 0.49 0.00	20.96 0.41 0.00	20.21 0.40 0.00	18.97 0.35 -0.07	20.41 0.38 -0.02	24.14 0.50 0.00	29.50 0.85 -0.18	28.46 0.82 -0.39	30.33 0.74 -0.12	29.13 0.65 -0.19	29.23 0.71 -0.23	29.18 0.68 -0.18	29.04 0.68 -0.07	29.08 0.68 -0.05	28.83 0.62 -0.09	28.05 0.63 -0.21	29.47 0.62 -0.46	30.37 0.77 -1.11	29.66 0.74 -0.42	28.54 0.66 -0.24	27.33 0.58 -0.12	23.32 0.48 -0.20	21.14 0.39 -0.01	19.65 0.34 -0.67
ONEIDA___115KV_TB4 55905	23.74 0.65 0.00	21.10 0.55 0.00	20.37 0.55 0.00	19.17 0.50 -0.13	20.61 0.56 -0.04	24.36 0.71 0.00	30.02 1.25 -0.31	29.08 1.14 -0.67	30.77 1.09 -0.21	29.58 0.96 -0.32	29.73 1.05 -0.39	29.63 0.99 -0.31	29.41 0.99 -0.12	29.49 1.05 -0.09	29.27 0.98 -0.16	28.56 0.98 -0.37	30.14 0.96 -0.80	31.54 1.14 -1.91	30.34 1.11 -0.73	29.02 0.97 -0.42	27.74 0.91 -0.21	23.56 0.61 -0.30	21.55 0.52 -0.30	19.54 0.50 -0.39
ONONDAGA_REF_OCCRA 23987	22.98 -0.12 0.00	20.45 -0.10 0.00	19.73 -0.08 0.00	18.68 -0.09 -0.23	20.00 -0.08 -0.08	23.55 -0.09 0.00	29.09 -0.06 -0.68	28.57 -0.19 -1.50	29.77 -0.27 -0.56	28.85 -0.28 -0.84	29.01 -0.23 -0.95	28.94 -0.23 -0.84	28.33 -0.28 -0.32	28.35 -0.26 -0.25	28.25 -0.28 -0.41	27.88 -0.24 -0.91	29.94 -0.23 -1.78	32.67 -0.09 -4.26	30.01 -0.11 -1.63	28.32 -0.25 -0.94	26.90 -0.19 -0.47	23.21 -0.11 -0.68	21.31 -0.08 -0.66	19.47 -0.04 -0.86
ONONDAGA___COGEN 23986	23.02 -0.07 0.00	20.49 -0.06 0.00	19.77 -0.04 0.00	18.72 -0.06 -0.23	20.04 -0.04 -0.08	23.60 -0.05 0.00	29.10 -0.03 -0.66	28.56 -0.16 -1.47	29.64 -0.29 -0.46	28.71 -0.28 -0.70	28.94 -0.20 -0.85	28.78 -0.23 -0.68	28.28 -0.28 -0.27	28.29 -0.26 -0.20	28.19 -0.28 -0.35	27.76 -0.24 -0.80	29.86 -0.26 -1.74	32.56 -0.09 -4.15	29.97 -0.11 -1.59	28.30 -0.25 -0.91	26.86 -0.21 -0.45	23.22 -0.09 -0.66	21.31 -0.06 -0.65	19.47 -0.02 -0.84
ONTARIO___LFGE 23819	22.91 -0.19 0.00	20.38 -0.17 0.00	19.67 -0.14 0.00	18.62 -0.20 -0.28	19.96 -0.14 -0.10	23.58 -0.07 0.00	29.24 -0.06 -0.83	28.88 -0.22 -1.85	29.72 -0.50 -0.75	28.55 -0.57 -0.82	28.23 -0.54 -0.48	28.82 -0.54 -1.04	28.02 -0.65 -0.37	28.27 -0.60 -0.52	27.80 -0.65 -0.32	27.23 -0.49 -0.51	30.09 -0.48 -2.19	33.55 -0.17 -5.22	30.47 -0.03 -2.00	28.42 -0.36 -1.15	26.93 -0.27 -0.57	23.18 -0.30 -0.83	21.25 -0.29 -0.81	19.51 -0.19 -1.05
ORANGEVILLE_WT_PWR 323706	21.78 -1.32 0.00	19.48 -1.07 0.00	18.84 -0.97 0.00	17.72 -1.15 -0.32	18.95 -1.16 -0.11	22.49 -1.16 0.00	27.80 -1.62 -0.96	27.31 -1.93 -1.99	26.91 -2.27 0.30	25.76 -2.26 0.27	26.51 -2.32 -0.53	25.52 -2.24 0.57	25.90 -2.35 0.05	25.71 -2.32 0.32	25.69 -2.36 0.07	25.33 -2.12 -0.24	28.47 -2.27 -2.36	32.22 -1.91 -5.63	29.11 -1.54 -2.16	26.94 -1.93 -1.25	25.59 -1.65 -0.62	22.06 -1.54 -0.95	20.27 -1.39 -0.93	18.73 -1.12 -1.21
ORANGEVILLE___ESR 323794	21.78 -1.32 0.00	19.48 -1.07 0.00	18.84 -0.97 0.00	17.72 -1.15 -0.32	18.95 -1.16 -0.11	22.49 -1.16 0.00	27.80 -1.62 -0.96	27.31 -1.93 -1.99	26.91 -2.27 0.30	25.76 -2.26 0.27	26.51 -2.32 -0.53	25.52 -2.24 0.57	25.90 -2.35 0.05	25.71 -2.32 0.32	25.69 -2.36 0.07	25.33 -2.12 -0.24	28.47 -2.27 -2.36	32.22 -1.91 -5.63	29.11 -1.54 -2.16	26.94 -1.93 -1.25	25.59 -1.65 -0.62	22.06 -1.54 -0.95	20.27 -1.39 -0.93	18.73 -1.12 -1.21
OSWEGATCHIE___HYD 24044	23.09 0.00 0.00	20.51 -0.04 0.00	19.73 -0.08 0.00	18.51 -0.09 -0.06	19.88 -0.14 -0.02	23.58 -0.07 0.00	28.68 0.06 -0.15	27.68 0.08 -0.34	29.67 0.09 -0.11	28.54 0.09 -0.16	28.63 0.14 -0.20	28.57 0.09 -0.16	28.44 0.09 -0.06	28.45 0.06 -0.05	28.15 -0.06 -0.08	27.23 -0.16 -0.19	28.59 -0.20 -0.40	29.32 -0.14 -0.96	28.69 -0.17 -0.37	27.76 -0.08 -0.21	26.54 -0.19 -0.11	22.65 -0.16 -0.16	19.16 -0.19 1.39	20.56 -0.19 -2.10
OSWEGO___5 23606	22.60 -0.49 0.00	20.12 -0.43 0.00	19.42 -0.40 0.00	18.34 -0.39 -0.18	19.67 -0.40 -0.06	23.15 -0.50 0.00	28.42 -0.57 -0.53	27.71 -0.71 -1.17	28.98 -0.86 -0.37	28.00 -0.85 -0.56	28.15 -0.82 -0.67	28.04 -0.82 -0.54	27.66 -0.85 -0.21	27.68 -0.82 -0.15	27.58 -0.82 -0.28	27.08 -0.76 -0.63	28.97 -0.79 -1.38	31.11 -0.68 -3.30	29.07 -0.68 -1.26	27.59 -0.77 -0.73	26.29 -0.69 -0.36	22.65 -0.52 -0.52	20.80 -0.44 -0.51	18.97 -0.34 -0.66
OSWEGO___6 23613	22.60 -0.49 0.00	20.12 -0.43 0.00	19.42 -0.40 0.00	18.34 -0.39 -0.18	19.67 -0.40 -0.06	23.15 -0.50 0.00	28.42 -0.57 -0.53	27.71 -0.71 -1.17	28.98 -0.86 -0.37	28.00 -0.85 -0.56	28.15 -0.82 -0.67	28.04 -0.82 -0.54	27.66 -0.85 -0.21	27.68 -0.82 -0.15	27.58 -0.82 -0.28	27.08 -0.76 -0.63	28.97 -0.79 -1.38	31.11 -0.68 -3.30	29.07 -0.68 -1.26	27.59 -0.77 -0.73	26.29 -0.69 -0.36	22.65 -0.52 -0.52	20.80 -0.44 -0.51	18.97 -0.34 -0.66
OUTOKUMPU-AB___DRP 24206	21.47 -1.62 0.00	19.25 -1.29 0.00	18.66 -1.15 0.00	17.57 -1.26 -0.29	18.82 -1.28 -0.10	22.18 -1.47 0.00	27.38 -1.96 -0.88	26.50 -2.53 -1.78	26.48 -2.80 0.19	25.45 -2.74 0.10	26.51 -2.43 -0.65	25.28 -2.66 0.38	25.55 -2.74 0.00	25.33 -2.75 0.27	25.38 -2.76 -0.01	25.01 -2.58 -0.39	27.68 -2.81 -2.11	31.22 -2.31 -5.03	28.43 -1.99 -1.93	26.31 -2.43 -1.11	25.13 -2.05 -0.56	21.71 -1.81 -0.88	19.99 -1.60 -0.86	18.49 -1.27 -1.11
OXBOW___ 24026	21.24 -1.85 0.00	19.05 -1.50 0.00	18.46 -1.35 0.00	17.41 -1.43 -0.29	18.68 -1.42 -0.10	21.97 -1.68 0.00	27.09 -2.25 -0.88	26.35 -2.67 -1.76	26.13 -3.15 0.19	25.09 -3.11 0.10	25.80 -3.14 -0.65	24.91 -3.03 0.38	25.18 -3.11 0.00	24.97 -3.12 0.27	25.01 -3.12 -0.01	24.85 -2.75 -0.39	27.35 -3.12 -2.09	30.82 -2.65 -4.98	28.10 -2.31 -1.91	26.03 -2.71 -1.10	24.86 -2.32 -0.55	21.50 -2.02 -0.87	19.80 -1.78 -0.85	18.33 -1.42 -1.10
OXY_CHEM_DSASP 323612	20.87 -2.22 0.00	18.76 -1.79 0.00	18.19 -1.62 0.00	17.18 -1.65 -0.29	18.42 -1.68 -0.10	21.59 -2.06 0.00	26.69 -2.65 -0.87	25.73 -3.27 -1.74	25.71 -3.57 0.19	24.69 -3.51 0.09	25.77 -3.17 -0.65	24.52 -3.43 0.38	24.78 -3.51 0.00	24.60 -3.49 0.26	24.62 -3.52 -0.02	24.26 -3.35 -0.39	26.87 -3.58 -2.07	30.31 -3.11 -4.92	27.65 -2.74 -1.89	25.63 -3.09 -1.09	24.48 -2.69 -0.54	21.16 -2.36 -0.87	19.53 -2.05 -0.85	18.09 -1.66 -1.11
OZONE_PARK_ESR 323760	24.55 1.45 0.00	21.89 1.34 0.00	21.06 1.25 0.00	20.83 1.19 -1.10	21.70 1.32 -0.38	25.23 1.58 0.00	33.71 2.11 -3.14	36.43 2.23 -6.93	34.13 2.51 -2.15	34.03 2.46 -3.27	34.64 2.38 -3.97	33.90 2.41 -3.17	31.95 2.41 -1.25	31.70 2.44 -0.91	32.17 2.42 -1.63	33.22 2.29 -3.72	39.19 2.58 -8.23	50.86 2.74 -19.63	38.63 2.62 -7.51	34.39 2.43 -4.33	30.98 2.21 -2.15	27.57 1.79 -3.13	25.37 1.58 -3.06	23.90 1.29 -3.97

PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	20.87 -2.22 0.00	18.76 -1.79 0.00	18.19 -1.62 0.00	17.18 -1.65 -0.29	18.42 -1.68 -0.10	21.59 -2.06 0.00	26.69 -2.65 -0.87	25.73 -3.27 -1.74	25.71 -3.57 0.19	24.69 -3.51 0.09	25.77 -3.17 -0.65	24.52 -3.43 0.38	24.78 -3.51 0.00	24.60 -3.49 0.26	24.62 -3.52 -0.02	24.26 -3.35 -0.39	26.87 -3.58 -2.07	30.31 -3.11 -4.92	27.65 -2.74 -1.89	25.63 -3.09 -1.09	24.48 -2.69 -0.54	21.16 -2.36 -0.87	19.53 -2.05 -0.85	18.09 -1.66 -1.11
PACKARD__115KV_DUPONT_184 80571	20.87 -2.22 0.00	18.76 -1.79 0.00	18.19 -1.62 0.00	17.18 -1.65 -0.29	18.42 -1.68 -0.10	21.59 -2.06 0.00	26.69 -2.65 -0.87	25.73 -3.27 -1.74	25.71 -3.57 0.19	24.69 -3.51 0.09	25.77 -3.17 -0.65	24.52 -3.43 0.38	24.78 -3.51 0.00	24.60 -3.49 0.26	24.62 -3.52 -0.02	24.26 -3.35 -0.39	26.87 -3.58 -2.07	30.31 -3.11 -4.92	27.65 -2.74 -1.89	25.63 -3.09 -1.09	24.48 -2.69 -0.54	21.16 -2.36 -0.87	19.53 -2.05 -0.85	18.09 -1.66 -1.11
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	24.45 1.36 0.00	21.84 1.29 0.00	21.00 1.19 0.00	20.79 1.15 -1.10	21.62 1.24 -0.38	24.90 1.25 0.00	33.28 1.68 -3.14	36.02 1.83 -6.94	33.66 2.03 -2.15	33.63 2.07 -3.27	34.21 1.95 -3.97	33.51 2.01 -3.17	31.55 2.01 -1.25	31.30 2.04 -0.91	31.77 2.02 -1.63	32.81 1.88 -3.72	38.79 2.19 -8.23	50.46 2.34 -19.63	38.20 2.19 -7.51	33.98 2.02 -4.33	30.61 1.84 -2.15	27.25 1.47 -3.13	25.10 1.31 -3.06	23.79 1.17 -3.97
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	24.66 1.57 0.00	22.03 1.48 0.00	21.20 1.39 0.00	20.96 1.32 -1.10	21.82 1.44 -0.38	25.14 1.49 0.00	33.57 1.96 -3.14	36.29 2.10 -6.94	33.80 2.18 -2.15	33.74 2.18 -3.27	34.33 2.07 -3.97	33.59 2.10 -3.17	31.67 2.12 -1.25	31.42 2.15 -0.91	31.89 2.14 -1.63	32.95 2.01 -3.72	38.93 2.33 -8.23	50.57 2.45 -19.63	38.34 2.34 -7.51	34.11 2.16 -4.33	30.71 1.94 -2.15	27.45 1.68 -3.13	25.28 1.49 -3.06	23.96 1.34 -3.97
PATROON__115KV_TB1 80586	23.69 0.60 0.00	21.17 0.62 0.00	20.43 0.61 0.00	20.52 0.59 -1.38	21.14 0.66 -0.47	24.43 0.78 0.00	33.43 1.02 -3.94	37.03 1.06 -8.71	33.30 1.12 -2.71	33.48 1.08 -4.11	34.39 1.10 -4.99	33.42 1.10 -3.99	31.00 1.13 -1.57	30.60 1.11 -1.15	31.27 1.10 -2.05	32.95 1.06 -4.68	39.76 1.05 -10.33	54.22 1.08 -24.65	39.04 1.11 -9.43	34.09 1.02 -5.43	30.30 0.99 -2.70	27.30 0.72 -3.93	25.21 0.64 -3.84	24.13 0.50 -4.98
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	21.71 -1.39 0.00	19.44 -1.11 0.00	18.82 -0.99 0.00	17.38 -1.46 -0.30	18.59 -1.52 -0.10	22.42 -1.23 0.00	27.24 -2.14 -0.91	26.67 -2.45 -1.86	26.75 -2.53 0.19	25.96 -2.24 0.10	26.48 -2.46 -0.65	25.68 -2.27 0.38	25.92 -2.38 0.00	25.68 -2.41 0.26	25.80 -2.33 -0.01	25.64 -1.96 -0.39	27.98 -2.61 -2.21	31.54 -2.22 -5.27	28.52 -1.99 -2.02	26.39 -2.40 -1.17	25.18 -2.02 -0.58	21.63 -1.92 -0.91	19.90 -1.72 -0.89	18.35 -1.45 -1.15
PAWLING_115_KV_BK3_REV_LBMP_H 345028	24.43 1.34 0.00	21.76 1.21 0.00	20.96 1.15 0.00	20.75 1.09 -1.11	21.66 1.28 -0.38	25.18 1.54 0.00	33.66 2.02 -3.17	36.35 2.07 -7.02	33.89 2.24 -2.18	33.87 2.26 -3.31	34.49 2.18 -4.01	33.72 2.18 -3.21	31.57 2.01 -1.26	31.34 2.07 -0.92	31.82 2.05 -1.65	32.94 1.96 -3.77	38.95 2.24 -8.32	50.81 2.45 -19.86	38.38 2.28 -7.60	34.11 2.10 -4.38	30.77 1.97 -2.17	27.40 1.59 -3.17	25.20 1.37 -3.10	23.80 1.14 -4.02
PEEKSKILL____ 23653	24.22 1.13 0.00	21.58 1.03 0.00	20.78 0.97 0.00	20.58 0.95 -1.09	21.44 1.06 -0.37	24.92 1.28 0.00	33.27 1.71 -3.10	35.88 1.77 -6.85	33.51 1.91 -2.13	33.42 1.90 -3.23	34.03 1.81 -3.92	33.30 1.84 -3.14	31.37 1.84 -1.23	31.12 1.87 -0.90	31.59 1.86 -1.61	32.63 1.74 -3.68	38.52 2.02 -8.13	50.03 2.14 -19.40	37.97 2.05 -7.43	33.81 1.91 -4.28	30.53 1.78 -2.12	27.17 1.43 -3.09	25.04 1.29 -3.02	23.61 1.04 -3.92
PGE MADISON__WINDPWR 24146	24.84 1.75 0.00	22.05 1.50 0.00	21.22 1.41 0.00	20.19 1.20 -0.44	21.45 1.30 -0.15	25.37 1.73 0.00	32.23 2.51 -1.26	32.34 2.32 -2.77	33.22 2.18 -1.57	32.57 1.98 -2.29	32.63 2.06 -2.27	32.80 2.07 -2.41	31.17 2.04 -0.84	31.22 2.10 -0.77	31.26 2.03 -1.11	31.57 2.07 -2.30	33.88 2.22 -3.29	39.05 2.71 -7.85	34.15 2.65 -3.00	31.65 2.29 -1.73	29.61 2.13 -0.86	25.62 1.72 -1.25	23.39 1.43 -1.23	21.51 1.27 -1.59
PIERCEFIELD__HYD 23852	23.18 0.09 0.00	20.55 0.00 0.00	19.79 -0.02 0.00	18.52 -0.06 -0.03	19.89 -0.12 -0.01	23.58 -0.07 0.00	28.49 -0.06 -0.08	27.47 0.03 -0.19	29.56 0.03 -0.06	28.47 0.08 -0.09	28.52 0.11 -0.11	28.55 0.14 -0.09	28.50 0.17 -0.03	28.46 0.09 -0.02	28.11 -0.06 -0.04	27.06 -0.24 -0.10	28.29 -0.31 -0.22	28.59 -0.43 -0.52	28.27 -0.43 -0.20	27.47 -0.28 -0.12	26.31 -0.37 -0.06	22.48 -0.25 -0.08	18.27 -0.25 2.21	21.26 -0.22 -2.83
PINELAWN_CC_1 323563	29.99 1.64 -5.26	28.02 1.48 -5.99	27.41 1.43 -6.17	26.45 1.35 -6.55	28.17 1.50 -6.67	31.69 1.85 -6.19	33.96 2.36 -3.13	36.64 2.45 -6.93	35.21 2.71 -3.02	34.16 2.60 -3.27	34.81 2.55 -3.96	35.20 2.58 -4.30	34.46 2.57 -3.59	33.15 2.64 -2.16	33.62 2.64 -2.86	35.67 2.50 -5.96	50.92 2.84 -19.71	63.59 2.99 -32.10	50.03 2.91 -18.63	42.22 2.71 -11.88	38.01 2.56 -8.83	32.75 1.97 -8.13	28.34 1.97 -5.64	24.27 1.66 -3.97
PJM_GEN_HTP_PROXY 323702	24.36 1.27 0.00	21.72 1.17 0.00	20.92 1.11 0.00	20.72 1.08 -1.10	21.58 1.20 -0.38	25.04 1.39 0.00	33.51 1.91 -3.13	37.38 2.05 -8.08	32.69 2.21 -1.01	33.77 2.21 -3.27	34.35 2.09 -3.97	33.62 2.13 -3.17	31.69 2.15 -1.25	31.45 2.18 -0.91	31.91 2.17 -1.63	32.94 2.01 -3.72	38.90 2.30 -8.22	50.57 2.45 -19.62	38.34 2.34 -7.51	34.14 2.18 -4.33	30.74 1.97 -2.15	27.36 1.58 -3.13	25.22 1.43 -3.06	23.77 1.16 -3.97
PJM_GEN_KEystone 24065	23.00 -0.09 0.00	20.51 -0.04 0.00	19.79 -0.02 0.00	19.14 -0.13 -0.72	20.17 -0.08 -0.25	23.67 0.02 0.00	30.54 0.00 -2.08	32.85 -0.11 -5.70	29.12 -0.27 0.09	29.72 -0.26 -1.68	30.34 -0.34 -2.38	29.55 -0.28 -1.51	28.70 -0.26 -0.66	28.49 -0.23 -0.37	28.76 -0.23 -0.86	29.10 -0.25 -2.14	33.70 -0.08 -5.40	41.56 0.17 -12.89	33.66 0.23 -4.94	30.42 -0.06 -2.84	28.06 0.03 -1.41	24.67 -0.05 -2.07	22.73 -0.02 -2.02	21.20 -0.07 -2.62
PJM_GEN_NEPTUNE_PROXY 323594	29.88 1.52 -5.26	27.93 1.40 -5.99	27.31 1.33 -6.17	26.38 1.28 -6.55	28.09 1.42 -6.67	31.54 1.70 -6.19	33.79 2.19 -3.13	37.59 2.26 -8.08	33.86 2.50 -1.88	34.00 2.43 -3.27	34.64 2.38 -3.96	35.03 2.41 -4.30	34.29 2.40 -3.59	32.98 2.47 -2.16	33.42 2.45 -2.86	35.45 2.29 -5.96	50.67 2.58 -19.71	63.33 2.74 -32.10	49.77 2.65 -18.63	41.97 2.46 -11.88	37.77 2.32 -8.83	32.61 1.83 -8.13	28.17 1.80 -5.64	24.12 1.51 -3.97
PJM_GEN_VFT_PROXY 323633	24.34 1.25 0.00	21.68 1.13 0.00	20.88 1.07 0.00	20.68 1.04 -1.10	21.52 1.14 -0.38	24.99 1.35 0.00	33.45 1.85 -3.14	37.32 1.99 -8.08	32.66 2.18 -1.01	33.74 2.18 -3.27	34.32 2.06 -3.97	33.59 2.10 -3.17	31.67 2.12 -1.25	31.42 2.15 -0.91	31.89 2.14 -1.63	32.92 1.99 -3.72	38.85 2.24 -8.23	50.51 2.39 -19.63	38.26 2.25 -7.51	34.09 2.13 -4.33	30.66 1.89 -2.15	27.32 1.54 -3.13	25.18 1.39 -3.06	23.71 1.10 -3.97

PLATSBRG_115KV_PMLD1 355749	23.55 0.46 0.00	20.78 0.23 0.00	19.93 0.12 0.00	18.53 -0.02 0.00	19.80 -0.20 0.00	23.50 -0.14 0.00	28.21 -0.26 0.00	26.87 -0.38 0.00	29.29 -0.18 0.00	28.44 0.14 0.00	28.66 0.37 0.00	28.92 0.59 0.00	28.92 0.62 0.00	28.86 0.51 0.00	28.43 0.31 0.00	27.29 0.08 0.00	28.24 -0.14 0.00	27.98 -0.51 0.00	27.93 -0.57 0.00	27.19 -0.44 0.00	26.04 -0.59 0.00	21.92 -0.72 0.00	17.03 -0.87 2.83	0.18 -0.80 17.67
PLEASANTVLY___LBMP 24000	24.13 1.04 0.00	21.52 0.97 0.00	20.72 0.91 0.00	20.59 0.89 -1.15	21.38 0.98 -0.40	24.85 1.21 0.00	33.35 1.59 -3.28	36.18 1.66 -7.27	33.52 1.80 -2.25	33.48 1.75 -3.43	34.18 1.73 -4.16	33.38 1.73 -3.33	31.33 1.73 -1.31	31.09 1.79 -0.96	31.60 1.77 -1.71	32.80 1.69 -3.90	38.87 1.87 -8.62	51.02 1.97 -20.56	38.27 1.91 -7.87	33.93 1.77 -4.53	30.55 1.68 -2.25	27.24 1.31 -3.28	25.12 1.18 -3.21	23.77 0.97 -4.16
PLSNTVLE_13_KV_13.8KVDIST 80602	24.29 1.20 0.00	21.66 1.11 0.00	20.86 1.05 0.00	20.66 1.00 -1.11	21.52 1.14 -0.38	25.04 1.40 0.00	33.45 1.82 -3.16	36.16 1.91 -6.99	33.73 2.09 -2.17	33.66 2.07 -3.30	34.30 2.01 -4.00	33.53 2.01 -3.20	31.56 2.01 -1.26	31.31 2.04 -0.92	31.82 2.05 -1.64	32.89 1.93 -3.75	38.86 2.19 -8.29	50.59 2.31 -19.79	38.26 2.19 -7.58	34.01 2.02 -4.36	30.68 1.89 -2.16	27.32 1.52 -3.16	25.18 1.37 -3.09	23.77 1.12 -4.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	24.29 1.20 0.00	21.66 1.11 0.00	20.86 1.05 0.00	20.66 1.00 -1.11	21.52 1.14 -0.38	25.04 1.40 0.00	33.45 1.82 -3.16	36.16 1.91 -6.99	33.73 2.09 -2.17	33.66 2.07 -3.30	34.30 2.01 -4.00	33.53 2.01 -3.20	31.56 2.01 -1.26	31.31 2.04 -0.92	31.82 2.05 -1.64	32.89 1.93 -3.75	38.86 2.19 -8.29	50.59 2.31 -19.79	38.26 2.19 -7.58	34.01 2.02 -4.36	30.68 1.89 -2.16	27.32 1.52 -3.16	25.18 1.37 -3.09	23.77 1.12 -4.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	24.31 1.22 0.00	21.68 1.13 0.00	20.88 1.07 0.00	20.68 1.02 -1.12	21.55 1.16 -0.38	25.04 1.40 0.00	33.48 1.82 -3.19	36.17 1.85 -7.06	33.69 2.03 -2.19	33.60 1.98 -3.33	34.23 1.90 -4.04	33.42 1.87 -3.23	31.40 1.84 -1.27	31.21 1.93 -0.93	31.69 1.91 -1.66	32.85 1.85 -3.79	38.85 2.10 -8.37	50.66 2.19 -19.97	38.25 2.11 -7.64	34.02 1.99 -4.40	30.67 1.86 -2.18	27.30 1.47 -3.19	25.13 1.29 -3.12	23.75 1.06 -4.04
POLETTI____ 23519	24.34 1.25 0.00	21.70 1.15 0.00	20.88 1.07 0.00	20.68 1.04 -1.10	21.54 1.16 -0.38	25.02 1.37 0.00	28.95 1.82 1.34	31.84 1.96 -2.63	29.36 2.12 2.23	32.09 2.15 -1.65	34.31 2.07 -3.95	33.58 2.10 -3.16	31.62 2.09 -1.23	31.37 2.13 -0.90	31.87 2.14 -1.61	32.90 1.99 -3.71	35.05 2.24 -4.43	47.52 2.39 -16.63	35.26 2.28 -4.49	33.25 2.10 -3.52	30.67 1.92 -2.13	27.30 1.54 -3.12	25.16 1.39 -3.04	23.73 1.12 -3.97
POMONA___ESR 323819	24.20 1.11 0.00	21.56 1.01 0.00	20.76 0.95 0.00	20.51 0.91 -1.06	21.38 1.02 -0.36	24.88 1.23 0.00	33.13 1.65 -3.01	35.61 1.69 -6.66	33.33 1.80 -2.07	33.22 1.78 -3.14	33.80 1.70 -3.81	33.07 1.70 -3.05	31.25 1.75 -1.20	31.04 1.82 -0.87	31.49 1.80 -1.56	32.44 1.66 -3.57	38.21 1.93 -7.90	49.39 2.05 -18.85	37.67 1.96 -7.21	33.64 1.85 -4.16	30.41 1.73 -2.06	27.08 1.43 -3.01	24.95 1.29 -2.94	23.48 1.02 -3.81
PORT_JEFF_3 23555	29.83 1.48 -5.26	27.97 1.44 -5.99	27.35 1.37 -6.17	26.41 1.32 -6.55	28.09 1.42 -6.67	31.66 1.82 -6.19	33.99 2.39 -3.13	36.59 2.40 -6.93	35.15 2.65 -3.02	34.08 2.52 -3.27	34.69 2.43 -3.96	35.06 2.44 -4.30	34.35 2.46 -3.59	33.09 2.58 -2.16	33.54 2.56 -2.86	35.61 2.45 -5.96	50.84 2.75 -19.71	63.53 2.94 -32.10	49.94 2.82 -18.63	42.16 2.65 -11.88	37.93 2.48 -8.83	32.68 1.90 -8.13	28.32 1.95 -5.64	24.27 1.66 -3.97
PORT_JEFF_4 23616	29.83 1.48 -5.26	27.97 1.44 -5.99	27.35 1.37 -6.17	26.41 1.32 -6.55	28.09 1.42 -6.67	31.66 1.82 -6.19	33.99 2.39 -3.13	36.59 2.40 -6.93	35.15 2.65 -3.02	34.08 2.52 -3.27	34.69 2.43 -3.96	35.06 2.44 -4.30	34.35 2.46 -3.59	33.09 2.58 -2.16	33.54 2.56 -2.86	35.61 2.45 -5.96	50.84 2.75 -19.71	63.53 2.94 -32.10	49.94 2.82 -18.63	42.16 2.65 -11.88	37.93 2.48 -8.83	32.68 1.90 -8.13	28.32 1.95 -5.64	24.27 1.66 -3.97
PORT_JEFF_IC 23713	29.85 1.50 -5.26	27.99 1.46 -5.99	27.37 1.39 -6.17	26.43 1.34 -6.55	28.11 1.44 -6.67	31.69 1.85 -6.19	34.02 2.42 -3.13	36.61 2.42 -6.93	35.21 2.71 -3.02	34.11 2.55 -3.27	34.75 2.49 -3.96	35.12 2.49 -4.30	34.41 2.52 -3.59	33.12 2.61 -2.16	33.59 2.62 -2.86	35.67 2.50 -5.96	50.90 2.81 -19.71	63.62 3.02 -32.10	50.00 2.88 -18.63	42.19 2.68 -11.88	37.98 2.53 -8.83	32.70 1.92 -8.13	28.36 1.99 -5.64	24.29 1.68 -3.97
PPL PILGRIM_ST_GT1 24216	29.97 1.62 -5.26	28.03 1.50 -5.99	27.41 1.43 -6.17	26.47 1.37 -6.55	28.17 1.50 -6.67	31.71 1.87 -6.19	34.02 2.42 -3.13	36.67 2.48 -6.93	35.24 2.74 -3.02	34.19 2.63 -3.27	34.83 2.57 -3.96	35.20 2.58 -4.30	34.49 2.60 -3.59	33.21 2.69 -2.16	33.62 2.64 -2.86	35.67 2.50 -5.96	50.92 2.84 -19.71	63.59 2.99 -32.10	50.03 2.91 -18.63	42.22 2.71 -11.88	38.01 2.56 -8.83	32.75 1.97 -8.13	28.40 2.03 -5.64	24.33 1.71 -3.97
PPL PILGRIM_ST_GT2 24217	29.97 1.62 -5.26	28.03 1.50 -5.99	27.41 1.43 -6.17	26.47 1.37 -6.55	28.17 1.50 -6.67	31.71 1.87 -6.19	34.02 2.42 -3.13	36.67 2.48 -6.93	35.24 2.74 -3.02	34.19 2.63 -3.27	34.83 2.57 -3.96	35.20 2.58 -4.30	34.49 2.60 -3.59	33.21 2.69 -2.16	33.62 2.64 -2.86	35.67 2.50 -5.96	50.92 2.84 -19.71	63.59 2.99 -32.10	50.03 2.91 -18.63	42.22 2.71 -11.88	38.01 2.56 -8.83	32.75 1.97 -8.13	28.40 2.03 -5.64	24.33 1.71 -3.97
PPL_SHRM_GT3 24213	29.53 1.18 -5.26	27.89 1.36 -5.99	27.25 1.27 -6.17	26.34 1.24 -6.55	27.95 1.28 -6.67	31.61 1.77 -6.19	33.96 2.36 -3.13	36.42 2.24 -6.93	34.85 2.36 -3.02	33.69 2.12 -3.27	34.30 2.04 -3.96	34.66 2.04 -4.30	33.93 2.04 -3.59	32.75 2.24 -2.16	33.25 2.28 -2.86	35.34 2.18 -5.96	50.53 2.44 -19.71	63.25 2.65 -32.10	49.63 2.51 -18.63	41.83 2.32 -11.88	37.66 2.21 -8.83	32.52 1.74 -8.13	28.17 1.80 -5.64	24.20 1.58 -3.97
PPL_SHRM_GT4 24214	29.53 1.18 -5.26	27.89 1.36 -5.99	27.25 1.27 -6.17	26.34 1.24 -6.55	27.95 1.28 -6.67	31.61 1.77 -6.19	33.96 2.36 -3.13	36.42 2.24 -6.93	34.85 2.36 -3.02	33.69 2.12 -3.27	34.30 2.04 -3.96	34.66 2.04 -4.30	33.93 2.04 -3.59	32.75 2.24 -2.16	33.25 2.28 -2.86	35.34 2.18 -5.96	50.53 2.44 -19.71	63.25 2.65 -32.10	49.63 2.51 -18.63	41.83 2.32 -11.88	37.66 2.21 -8.83	32.52 1.74 -8.13	28.17 1.80 -5.64	24.20 1.58 -3.97
PROJECT___ORANGE I 24174	22.88 -0.21 0.00	20.38 -0.16 0.00	19.65 -0.16 0.00	18.61 -0.15 -0.21	19.93 -0.14 -0.07	23.48 -0.17 0.00	28.92 -0.17 -0.62	28.30 -0.33 -1.37	29.49 -0.41 -0.43	28.53 -0.42 -0.66	28.75 -0.34 -0.80	28.59 -0.37 -0.64	28.12 -0.42 -0.25	28.14 -0.40 -0.18	28.05 -0.39 -0.33	27.60 -0.35 -0.75	29.64 -0.37 -1.63	32.16 -0.23 -3.89	29.73 -0.26 -1.49	28.10 -0.39 -0.86	26.73 -0.32 -0.43	23.06 -0.20 -0.62	21.19 -0.15 -0.61	19.34 -0.09 -0.79

PROJECT___ORANGE 2 24166	22.88 -0.21 0.00	20.38 -0.16 0.00	19.65 -0.16 0.00	18.61 -0.15 -0.21	19.93 -0.14 -0.07	23.48 -0.17 0.00	28.92 -0.17 -0.62	28.30 -0.33 -1.37	29.49 -0.41 -0.43	28.53 -0.42 -0.66	28.75 -0.34 -0.80	28.59 -0.37 -0.64	28.12 -0.42 -0.25	28.14 -0.40 -0.18	28.05 -0.39 -0.33	27.60 -0.35 -0.75	29.64 -0.37 -1.63	32.16 -0.23 -3.89	29.73 -0.26 -1.49	28.10 -0.39 -0.86	26.73 -0.32 -0.43	23.06 -0.20 -0.62	21.19 -0.15 -0.61	19.34 -0.09 -0.79
PUCKETT___SOLAR 323809	23.55 0.46 0.00	20.98 0.43 0.00	20.23 0.42 0.00	19.32 0.31 -0.47	20.52 0.36 -0.16	24.21 0.57 0.00	30.60 0.80 -1.34	30.85 0.65 -2.94	30.98 0.44 -1.06	30.24 0.34 -1.61	30.51 0.34 -1.87	30.25 0.34 -1.59	29.21 0.31 -0.61	29.16 0.34 -0.47	29.23 0.31 -0.79	29.34 0.35 -1.78	32.44 0.57 -3.49	37.68 0.85 -8.33	32.54 0.85 -3.19	30.08 0.61 -1.84	28.15 0.61 -0.91	24.43 0.45 -1.33	22.43 0.39 -1.30	20.67 0.34 -1.69
PYRITES___HYD 24023	23.53 0.44 0.00	20.84 0.29 0.00	20.07 0.26 0.00	18.80 0.22 -0.03	20.19 0.18 -0.01	23.95 0.31 0.00	29.00 0.46 -0.08	27.97 0.55 -0.17	30.03 0.50 -0.05	28.91 0.54 -0.08	28.93 0.54 -0.10	28.97 0.57 -0.08	28.92 0.59 -0.03	28.88 0.51 -0.02	28.56 0.39 -0.04	27.52 0.22 -0.09	28.75 0.17 -0.20	29.07 0.09 -0.49	28.77 0.09 -0.19	27.96 0.22 -0.11	26.78 0.11 -0.05	22.88 0.16 -0.08	18.53 0.08 2.28	21.25 0.07 -2.53
QUAKERRD_115KV_BK1 80622	21.87 -1.22 0.00	19.48 -1.07 0.00	18.80 -1.01 0.00	17.89 -0.91 -0.25	19.17 -0.92 -0.09	22.49 -1.16 0.00	27.77 -1.48 -0.78	27.23 -1.77 -1.75	27.16 -2.06 0.25	26.13 -2.04 0.13	27.22 -1.75 -0.68	25.90 -1.98 0.44	26.17 -2.09 0.03	26.02 -2.01 0.32	26.11 -2.02 -0.01	25.64 -1.99 -0.42	28.52 -1.93 -2.07	31.90 -1.54 -4.95	28.93 -1.45 -1.89	26.95 -1.77 -1.09	25.59 -1.57 -0.54	22.04 -1.38 -0.78	20.27 -1.22 -0.76	18.65 -0.99 -0.99
QUENSBRY_115KV_TB8 356137	24.82 1.73 0.00	22.07 1.52 0.00	21.26 1.45 0.00	21.35 1.39 -1.42	22.11 1.62 -0.49	25.68 2.03 0.00	34.50 1.99 -4.04	38.09 1.91 -8.93	34.40 2.15 -2.77	34.55 2.04 -4.22	35.56 2.15 -5.12	34.68 2.27 -4.09	32.14 2.24 -1.61	31.45 1.93 -1.18	32.08 1.86 -2.10	33.86 1.85 -4.80	40.42 1.45 -10.59	55.36 1.60 -25.27	39.79 1.62 -9.67	34.67 1.46 -5.57	31.41 2.02 -2.76	28.10 1.43 -4.03	26.00 1.33 -3.94	25.04 1.29 -5.11
RAMAPO___LBMP 323565	24.13 1.04 0.00	21.49 0.95 0.00	20.70 0.89 0.00	20.45 0.85 -1.05	21.32 0.96 -0.36	24.80 1.16 0.00	33.00 1.54 -3.00	35.47 1.58 -6.63	33.24 1.71 -2.06	33.12 1.70 -3.13	33.73 1.64 -3.79	33.00 1.64 -3.03	31.16 1.67 -1.19	30.95 1.73 -0.87	31.39 1.72 -1.56	32.37 1.61 -3.56	38.09 1.84 -7.87	49.24 1.97 -18.78	37.59 1.91 -7.19	33.51 1.74 -4.14	30.30 1.62 -2.05	26.98 1.34 -3.00	24.86 1.20 -2.93	23.41 0.97 -3.80
RANKINE____ 23646	21.66 -1.43 0.00	19.42 -1.13 0.00	18.80 -1.01 0.00	17.60 -1.24 -0.30	18.85 -1.26 -0.10	22.39 -1.25 0.00	27.52 -1.85 -0.90	26.78 -2.32 -1.84	26.77 -2.51 0.20	25.78 -2.41 0.11	26.67 -2.26 -0.64	25.58 -2.35 0.39	25.83 -2.46 0.01	25.62 -2.47 0.27	25.68 -2.45 -0.01	25.38 -2.20 -0.38	28.04 -2.53 -2.18	31.61 -2.08 -5.20	28.69 -1.80 -1.99	26.57 -2.21 -1.15	25.33 -1.86 -0.57	21.85 -1.70 -0.90	20.10 -1.51 -0.88	18.56 -1.23 -1.14
RAVENSWOOD_GT2_1 24244	24.38 1.29 0.00	21.74 1.19 0.00	20.94 1.13 0.00	20.72 1.08 -1.10	21.58 1.20 -0.38	25.07 1.42 0.00	33.48 1.88 -3.14	36.21 2.02 -6.94	33.80 2.18 -2.15	33.77 2.21 -3.27	34.38 2.12 -3.97	33.62 2.12 -3.17	31.69 2.15 -1.25	31.45 2.18 -0.91	31.92 2.17 -1.63	32.97 2.04 -3.72	38.90 2.30 -8.23	50.57 2.45 -19.63	38.34 2.34 -7.51	34.11 2.16 -4.33	30.74 1.97 -2.15	27.36 1.59 -3.13	25.22 1.43 -3.06	23.79 1.17 -3.97
RAVENSWOOD_GT2_2 24245	24.38 1.29 0.00	21.74 1.19 0.00	20.94 1.13 0.00	20.72 1.08 -1.10	21.58 1.20 -0.38	25.07 1.42 0.00	33.48 1.88 -3.14	36.21 2.02 -6.94	33.80 2.18 -2.15	33.77 2.21 -3.27	34.38 2.12 -3.97	33.62 2.12 -3.17	31.69 2.15 -1.25	31.45 2.18 -0.91	31.92 2.17 -1.63	32.97 2.04 -3.72	38.90 2.30 -8.23	50.57 2.45 -19.63	38.34 2.34 -7.51	34.11 2.16 -4.33	30.74 1.97 -2.15	27.36 1.59 -3.13	25.22 1.43 -3.06	23.79 1.17 -3.97
RAVENSWOOD_GT2_3 24246	24.41 1.32 0.00	21.76 1.21 0.00	20.94 1.13 0.00	20.72 1.08 -1.10	21.58 1.20 -0.38	25.07 1.42 0.00	33.48 1.88 -3.14	36.21 2.02 -6.94	33.83 2.21 -2.15	33.77 2.21 -3.27	34.38 2.12 -3.97	33.65 2.15 -3.17	31.69 2.15 -1.25	31.47 2.21 -0.91	31.94 2.19 -1.63	32.97 2.04 -3.72	38.93 2.33 -8.23	50.57 2.45 -19.63	38.34 2.34 -7.51	34.14 2.18 -4.33	30.77 2.00 -2.15	27.38 1.61 -3.13	25.24 1.45 -3.06	23.79 1.17 -3.97
RAVENSWOOD_GT2_4 24247	24.41 1.32 0.00	21.76 1.21 0.00	20.94 1.13 0.00	20.72 1.08 -1.10	21.58 1.20 -0.38	25.07 1.42 0.00	33.48 1.88 -3.14	36.21 2.02 -6.94	33.83 2.21 -2.15	33.77 2.21 -3.27	34.38 2.12 -3.97	33.65 2.15 -3.17	31.69 2.15 -1.25	31.47 2.21 -0.91	31.94 2.19 -1.63	32.97 2.04 -3.72	38.93 2.33 -8.23	50.57 2.45 -19.63	38.34 2.34 -7.51	34.14 2.18 -4.33	30.77 2.00 -2.15	27.38 1.61 -3.13	25.24 1.45 -3.06	23.79 1.17 -3.97
RAVENSWOOD_GT3_1 24248	24.38 1.29 0.00	21.74 1.19 0.00	20.94 1.13 0.00	20.72 1.08 -1.10	21.58 1.20 -0.38	25.07 1.42 0.00	33.48 1.88 -3.14	36.21 2.02 -6.94	33.80 2.18 -2.15	33.77 2.21 -3.27	34.38 2.12 -3.97	33.62 2.12 -3.17	31.69 2.15 -1.25	31.45 2.18 -0.91	31.92 2.17 -1.63	32.97 2.04 -3.72	38.90 2.30 -8.23	50.57 2.45 -19.63	38.34 2.34 -7.51	34.11 2.16 -4.33	30.74 1.97 -2.15	27.38 1.61 -3.13	25.22 1.43 -3.06	23.79 1.17 -3.97
RAVENSWOOD_GT3_2 24249	24.38 1.29 0.00	21.74 1.19 0.00	20.94 1.13 0.00	20.72 1.08 -1.10	21.58 1.20 -0.38	25.07 1.42 0.00	33.48 1.88 -3.14	36.21 2.02 -6.94	33.80 2.18 -2.15	33.77 2.21 -3.27	34.38 2.12 -3.97	33.62 2.12 -3.17	31.69 2.15 -1.25	31.45 2.18 -0.91	31.92 2.17 -1.63	32.97 2.04 -3.72	38.90 2.30 -8.23	50.57 2.45 -19.63	38.34 2.34 -7.51	34.11 2.16 -4.33	30.74 1.97 -2.15	27.38 1.61 -3.13	25.22 1.43 -3.06	23.79 1.17 -3.97
RAVENSWOOD_GT3_3 24250	24.41 1.32 0.00	21.76 1.21 0.00	20.96 1.15 0.00	20.74 1.09 -1.10	21.60 1.22 -0.38	25.09 1.44 0.00	33.51 1.91 -3.14	36.24 2.04 -6.94	33.86 2.24 -2.15	33.80 2.24 -3.27	34.41 2.15 -3.97	33.68 2.18 -3.17	31.72 2.18 -1.25	31.50 2.24 -0.91	31.97 2.22 -1.63	33.00 2.07 -3.72	38.96 2.36 -8.23	50.60 2.48 -19.63	38.37 2.37 -7.51	34.17 2.21 -4.33	30.77 2.00 -2.15	27.41 1.63 -3.13	25.24 1.45 -3.06	23.81 1.19 -3.97
RAVENSWOOD_GT3_4 24251	24.41 1.32 0.00	21.76 1.21 0.00	20.96 1.15 0.00	20.74 1.09 -1.10	21.60 1.22 -0.38	25.09 1.44 0.00	33.51 1.91 -3.14	36.24 2.04 -6.94	33.86 2.24 -2.15	33.80 2.24 -3.27	34.41 2.15 -3.97	33.68 2.18 -3.17	31.72 2.18 -1.25	31.50 2.24 -0.91	31.97 2.22 -1.63	33.00 2.07 -3.72	38.96 2.36 -8.23	50.60 2.48 -19.63	38.37 2.37 -7.51	34.17 2.21 -4.33	30.77 2.00 -2.15	27.41 1.63 -3.13	25.24 1.45 -3.06	23.81 1.19 -3.97

RAVENSWOOD_GT_1 23729	24.45 1.36 0.00	21.80 1.25 0.00	20.98 1.17 0.00	20.78 1.13 -1.10	21.62 1.24 -0.38	25.04 1.40 0.00	33.45 1.85 -3.14	36.18 1.99 -6.94	33.80 2.18 -2.15	33.80 2.24 -3.27	34.38 2.12 -3.97	33.65 2.15 -3.17	31.72 2.18 -1.25	31.47 2.21 -0.91	31.94 2.19 -1.63	32.97 2.04 -3.72	38.96 2.36 -8.23	50.60 2.48 -19.63	38.37 2.37 -7.51	34.14 2.18 -4.33	30.74 1.97 -2.15	27.38 1.61 -3.13	25.22 1.43 -3.06	23.81 1.19 -3.97
RAVENSWOOD_GT_10 24258	24.38 1.29 0.00	21.74 1.19 0.00	20.92 1.11 0.00	20.72 1.08 -1.10	21.58 1.20 -0.38	25.07 1.42 0.00	33.48 1.88 -3.14	36.21 2.02 -6.94	33.80 2.18 -2.15	33.77 2.21 -3.27	34.38 2.12 -3.97	33.62 2.12 -3.17	31.69 2.15 -1.25	31.45 2.18 -0.91	31.92 2.17 -1.63	32.97 2.04 -3.72	38.90 2.30 -8.23	50.57 2.45 -19.63	38.34 2.34 -7.51	34.11 2.16 -4.33	30.74 1.97 -2.15	27.38 1.61 -3.13	25.22 1.43 -3.06	23.79 1.17 -3.97
RAVENSWOOD_GT_11 24259	24.38 1.29 0.00	21.74 1.19 0.00	20.92 1.11 0.00	20.72 1.08 -1.10	21.58 1.20 -0.38	25.07 1.42 0.00	33.48 1.88 -3.14	36.21 2.02 -6.94	33.80 2.18 -2.15	33.77 2.21 -3.27	34.38 2.12 -3.97	33.62 2.12 -3.17	31.69 2.15 -1.25	31.45 2.18 -0.91	31.92 2.17 -1.63	32.97 2.04 -3.72	38.90 2.30 -8.23	50.57 2.45 -19.63	38.34 2.34 -7.51	34.11 2.16 -4.33	30.74 1.97 -2.15	27.38 1.61 -3.13	25.22 1.43 -3.06	23.79 1.17 -3.97
RAVENSWOOD_GT_4 24252	24.38 1.29 0.00	21.74 1.19 0.00	20.92 1.11 0.00	20.70 1.06 -1.10	21.58 1.20 -0.38	25.07 1.42 0.00	33.51 1.91 -3.14	36.21 2.02 -6.94	33.80 2.18 -2.15	33.74 2.18 -3.27	34.38 2.12 -3.97	33.62 2.12 -3.17	31.69 2.15 -1.25	31.45 2.18 -0.91	31.92 2.17 -1.63	32.97 2.04 -3.72	38.90 2.30 -8.23	50.54 2.42 -19.63	38.34 2.34 -7.51	34.11 2.16 -4.33	30.74 1.97 -2.15	27.38 1.61 -3.13	25.22 1.43 -3.06	23.77 1.16 -3.97
RAVENSWOOD_GT_5 24254	24.38 1.29 0.00	21.74 1.19 0.00	20.92 1.11 0.00	20.70 1.06 -1.10	21.58 1.20 -0.38	25.07 1.42 0.00	33.51 1.91 -3.14	36.21 2.02 -6.94	33.80 2.18 -2.15	33.74 2.18 -3.27	34.38 2.12 -3.97	33.62 2.12 -3.17	31.69 2.15 -1.25	31.45 2.18 -0.91	31.92 2.17 -1.63	32.97 2.04 -3.72	38.90 2.30 -8.23	50.54 2.42 -19.63	38.34 2.34 -7.51	34.11 2.16 -4.33	30.74 1.97 -2.15	27.38 1.61 -3.13	25.22 1.43 -3.06	23.77 1.16 -3.97
RAVENSWOOD_GT_6 24253	24.38 1.29 0.00	21.74 1.19 0.00	20.92 1.11 0.00	20.70 1.06 -1.10	21.58 1.20 -0.38	25.07 1.42 0.00	33.51 1.91 -3.14	36.21 2.02 -6.94	33.80 2.18 -2.15	33.74 2.18 -3.27	34.38 2.12 -3.97	33.62 2.12 -3.17	31.69 2.15 -1.25	31.45 2.18 -0.91	31.92 2.17 -1.63	32.97 2.04 -3.72	38.90 2.30 -8.23	50.54 2.42 -19.63	38.34 2.34 -7.51	34.11 2.16 -4.33	30.74 1.97 -2.15	27.38 1.61 -3.13	25.22 1.43 -3.06	23.77 1.16 -3.97
RAVENSWOOD_GT_7 24255	24.38 1.29 0.00	21.74 1.19 0.00	20.92 1.11 0.00	20.70 1.06 -1.10	21.58 1.20 -0.38	25.07 1.42 0.00	33.51 1.91 -3.14	36.21 2.02 -6.94	33.80 2.18 -2.15	33.74 2.18 -3.27	34.38 2.12 -3.97	33.62 2.12 -3.17	31.69 2.15 -1.25	31.45 2.18 -0.91	31.92 2.17 -1.63	32.97 2.04 -3.72	38.90 2.30 -8.23	50.54 2.42 -19.63	38.34 2.34 -7.51	34.11 2.16 -4.33	30.74 1.97 -2.15	27.38 1.61 -3.13	25.22 1.43 -3.06	23.77 1.16 -3.97
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	24.38 1.29 0.00	21.74 1.19 0.00	20.92 1.11 0.00	20.72 1.08 -1.10	21.58 1.20 -0.38	25.07 1.42 0.00	33.48 1.88 -3.14	36.21 2.02 -6.94	33.80 2.18 -2.15	33.77 2.21 -3.27	34.38 2.12 -3.97	33.62 2.12 -3.17	31.69 2.15 -1.25	31.45 2.18 -0.91	31.92 2.17 -1.63	32.97 2.04 -3.72	38.90 2.30 -8.23	50.57 2.45 -19.63	38.34 2.34 -7.51	34.11 2.16 -4.33	30.74 1.97 -2.15	27.38 1.61 -3.13	25.22 1.43 -3.06	23.79 1.17 -3.97
RAVENSWOOD_GT_9 24257	24.38 1.29 0.00	21.74 1.19 0.00	20.92 1.11 0.00	20.72 1.08 -1.10	21.58 1.20 -0.38	25.07 1.42 0.00	33.48 1.88 -3.14	36.21 2.02 -6.94	33.80 2.18 -2.15	33.77 2.21 -3.27	34.38 2.12 -3.97	33.62 2.12 -3.17	31.69 2.15 -1.25	31.45 2.18 -0.91	31.92 2.17 -1.63	32.97 2.04 -3.72	38.90 2.30 -8.23	50.57 2.45 -19.63	38.34 2.34 -7.51	34.11 2.16 -4.33	30.74 1.97 -2.15	27.38 1.61 -3.13	25.22 1.43 -3.06	23.79 1.17 -3.97
RAVENSWOOD___1 23533	24.43 1.34 0.00	21.80 1.25 0.00	20.98 1.17 0.00	20.78 1.13 -1.10	21.62 1.24 -0.38	25.02 1.37 0.00	33.45 1.85 -3.14	36.21 2.02 -6.94	33.83 2.21 -2.15	33.80 2.23 -3.27	34.35 2.09 -3.97	33.65 2.15 -3.17	31.72 2.18 -1.25	31.48 2.21 -0.91	31.94 2.19 -1.63	32.95 2.01 -3.72	38.96 2.35 -8.23	50.60 2.48 -19.63	38.37 2.36 -7.51	34.17 2.21 -4.33	30.77 2.00 -2.15	27.38 1.61 -3.13	25.22 1.43 -3.06	23.81 1.19 -3.97
RAVENSWOOD___2 23534	24.43 1.34 0.00	21.80 1.25 0.00	20.98 1.17 0.00	20.78 1.13 -1.10	21.62 1.24 -0.38	25.02 1.37 0.00	33.45 1.85 -3.14	36.21 2.02 -6.94	33.83 2.21 -2.15	33.80 2.23 -3.27	34.35 2.09 -3.97	33.65 2.15 -3.17	31.72 2.18 -1.25	31.48 2.21 -0.91	31.94 2.19 -1.63	32.95 2.01 -3.72	38.96 2.35 -8.23	50.60 2.48 -19.63	38.37 2.36 -7.51	34.17 2.21 -4.33	30.77 2.00 -2.15	27.38 1.61 -3.13	25.22 1.43 -3.06	23.81 1.19 -3.97
RAVENSWOOD___3 23535	24.38 1.29 0.00	21.74 1.19 0.00	20.94 1.13 0.00	20.72 1.08 -1.10	21.58 1.20 -0.38	25.04 1.39 0.00	33.51 1.91 -3.14	36.24 2.05 -6.94	33.83 2.21 -2.15	33.77 2.21 -3.27	34.35 2.09 -3.97	33.62 2.13 -3.17	31.69 2.15 -1.25	31.45 2.18 -0.91	31.92 2.17 -1.63	32.95 2.01 -3.72	38.90 2.30 -8.23	50.57 2.45 -19.63	38.35 2.34 -7.51	34.14 2.18 -4.33	30.74 1.97 -2.15	27.38 1.61 -3.13	25.22 1.43 -3.06	23.79 1.18 -3.97
RAVENSWOOD___4 23820	24.43 1.34 0.00	21.80 1.25 0.00	20.98 1.17 0.00	20.78 1.13 -1.10	21.62 1.24 -0.38	25.02 1.37 0.00	33.45 1.85 -3.14	36.21 2.02 -6.94	33.83 2.21 -2.15	33.80 2.23 -3.27	34.35 2.09 -3.97	33.65 2.15 -3.17	31.72 2.18 -1.25	31.48 2.21 -0.91	31.94 2.19 -1.63	32.95 2.01 -3.72	38.96 2.35 -8.23	50.60 2.48 -19.63	38.37 2.36 -7.51	34.17 2.21 -4.33	30.77 2.00 -2.15	27.38 1.61 -3.13	25.22 1.43 -3.06	23.81 1.19 -3.97
RCPI_TRUST___DRP 24196	24.50 1.41 0.00	21.84 1.29 0.00	21.02 1.21 0.00	20.79 1.15 -1.10	21.66 1.28 -0.38	25.18 1.54 0.00	33.68 2.08 -3.13	36.40 2.21 -6.93	34.04 2.42 -2.15	33.97 2.41 -3.27	34.58 2.32 -3.97	33.85 2.35 -3.17	31.89 2.35 -1.25	31.67 2.41 -0.91	32.14 2.39 -1.63	33.16 2.23 -3.72	39.13 2.53 -8.22	50.80 2.68 -19.62	38.54 2.54 -7.51	34.31 2.35 -4.33	30.90 2.13 -2.15	27.50 1.72 -3.13	25.32 1.53 -3.06	23.86 1.25 -3.97
RED___ROCHESTER 323720	22.33 -0.76 0.00	19.91 -0.64 0.00	19.24 -0.58 0.00	18.28 -0.52 -0.26	19.61 -0.48 -0.09	23.01 -0.64 0.00	28.47 -0.80 -0.80	27.95 -1.09 -1.78	27.81 -1.47 0.19	26.73 -1.50 0.07	27.49 -1.47 -0.66	26.56 -1.42 0.35	26.76 -1.53 0.00	26.64 -1.44 0.27	26.69 -1.46 -0.03	26.51 -1.12 -0.42	29.16 -1.33 -2.11	32.71 -0.83 -5.05	29.74 -0.68 -1.93	27.64 -1.11 -1.11	26.27 -0.91 -0.55	22.55 -0.88 -0.79	20.74 -0.77 -0.77	19.11 -0.54 -1.00

REGAN___SOLAR 323812	24.61 1.52 0.00	21.88 1.33 0.00	21.08 1.27 0.00	21.40 1.20 -1.65	22.07 1.50 -0.57	25.63 1.99 0.00	35.99 2.82 -4.71	40.45 2.78 -10.41	35.25 2.53 -3.24	35.57 2.35 -4.93	36.59 2.32 -5.98	35.45 2.35 -4.78	32.44 2.26 -1.88	31.99 2.27 -1.37	32.82 2.25 -2.45	35.00 2.18 -5.61	42.88 2.16 -12.35	60.38 2.42 -29.47	42.17 2.39 -11.28	36.26 2.13 -6.50	31.92 2.08 -3.22	29.09 1.74 -4.70	26.65 1.33 -4.59	25.65 1.04 -5.96
RENSSELAER___COGEN 23796	23.55 0.46 0.00	21.04 0.49 0.00	20.33 0.51 0.00	20.39 0.48 -1.37	21.01 0.54 -0.47	24.26 0.61 0.00	33.18 0.83 -3.89	36.73 0.87 -8.60	33.06 0.91 -2.67	33.20 0.85 -4.06	34.10 0.88 -4.93	33.14 0.88 -3.94	30.72 0.88 -1.55	30.36 0.88 -1.13	31.02 0.87 -2.02	32.70 0.87 -4.63	39.49 0.91 -10.20	53.78 0.94 -24.35	38.75 0.94 -9.32	33.88 0.88 -5.37	30.14 0.85 -2.66	27.14 0.61 -3.88	25.07 0.54 -3.80	24.00 0.43 -4.93
REPUBLIC_115KV_BARTNBRK 55605	25.79 2.70 0.00	22.89 2.34 0.00	22.01 2.20 0.00	22.08 2.11 -1.42	22.97 2.48 -0.49	26.77 3.12 0.00	35.95 3.44 -4.03	39.53 3.35 -8.92	35.90 3.65 -2.77	35.93 3.42 -4.22	36.97 3.57 -5.11	36.15 3.74 -4.09	33.55 3.65 -1.61	32.76 3.23 -1.18	33.34 3.12 -2.10	35.08 3.07 -4.80	41.58 2.61 -10.58	56.69 2.93 -25.26	41.07 2.91 -9.67	35.83 2.63 -5.57	32.50 3.11 -2.76	29.03 2.36 -4.03	26.72 2.05 -3.94	25.64 1.88 -5.11
REVERE_CPPR_DRP 24186	23.92 0.83 0.00	21.27 0.72 0.00	20.50 0.69 0.00	19.28 0.63 -0.11	20.72 0.68 -0.04	24.52 0.87 0.00	30.18 1.45 -0.26	29.20 1.36 -0.59	30.95 1.30 -0.18	29.74 1.16 -0.28	29.91 1.27 -0.34	29.78 1.19 -0.27	29.62 1.22 -0.11	29.68 1.25 -0.08	29.44 1.18 -0.14	28.70 1.17 -0.32	30.21 1.14 -0.70	31.52 1.37 -1.66	30.44 1.31 -0.63	29.16 1.16 -0.37	27.90 1.09 -0.18	23.72 0.82 -0.26	21.59 0.68 -0.17	19.60 0.62 -0.34
REYNOLDS_115KV_TB3 80639	23.74 0.65 0.00	21.21 0.66 0.00	20.46 0.65 0.00	20.54 0.63 -1.37	21.17 0.70 -0.47	24.47 0.83 0.00	33.45 1.08 -3.90	37.00 1.12 -8.62	33.33 1.18 -2.68	33.50 1.13 -4.07	34.39 1.16 -4.94	33.44 1.16 -3.95	31.01 1.16 -1.56	30.65 1.16 -1.14	31.30 1.15 -2.03	32.99 1.14 -4.64	39.74 1.14 -10.23	54.04 1.14 -24.41	39.01 1.17 -9.34	34.12 1.11 -5.38	30.38 1.09 -2.67	27.35 0.82 -3.89	25.26 0.73 -3.81	24.20 0.62 -4.94
RIVERBAY____ 323610	24.66 1.57 0.00	22.03 1.48 0.00	21.20 1.39 0.00	20.96 1.32 -1.10	21.82 1.44 -0.38	25.14 1.49 0.00	33.57 1.96 -3.14	36.29 2.10 -6.94	33.80 2.18 -2.15	33.74 2.18 -3.27	34.33 2.07 -3.97	33.59 2.10 -3.17	31.67 2.12 -1.25	31.42 2.15 -0.91	31.89 2.14 -1.63	32.95 2.01 -3.72	38.93 2.33 -8.23	50.57 2.45 -19.63	38.34 2.34 -7.51	34.11 2.16 -4.33	30.71 1.94 -2.15	27.45 1.68 -3.13	25.28 1.49 -3.06	23.96 1.34 -3.97
RIVERSDE_115KV_TB3 55908	23.58 0.48 0.00	21.08 0.53 0.00	20.35 0.53 0.00	20.43 0.52 -1.37	21.05 0.58 -0.47	24.31 0.66 0.00	33.25 0.88 -3.90	36.80 0.93 -8.62	33.12 0.97 -2.68	33.30 0.93 -4.07	34.19 0.96 -4.94	33.24 0.96 -3.95	30.81 0.96 -1.55	30.45 0.96 -1.13	31.10 0.96 -2.03	32.90 1.06 -4.63	39.65 1.05 -10.22	53.94 1.05 -24.39	38.91 1.08 -9.34	34.03 1.02 -5.38	30.30 1.01 -2.67	27.27 0.72 -3.90	25.19 0.64 -3.82	24.12 0.52 -4.95
ROARING___BROOK_WT_PWR 323790	22.40 -0.69 0.00	19.75 -0.80 0.00	18.92 -0.89 0.00	17.67 -0.87 0.00	19.02 -0.98 0.00	22.46 -1.18 0.00	27.02 -1.45 0.00	25.95 -1.31 0.00	28.18 -1.30 0.00	27.11 -1.19 0.00	27.19 -1.10 0.00	27.25 -1.08 0.00	27.22 -1.08 0.00	27.24 -1.11 0.00	27.02 -1.10 0.00	26.17 -1.03 0.00	27.36 -1.02 0.00	27.44 -1.05 0.00	27.44 -1.05 0.00	26.61 -1.02 0.00	25.53 -1.09 0.00	21.67 -0.97 0.00	15.55 -0.93 4.24	17.79 -0.86 0.00
ROCHESRG_115KV_T4 355643	22.10 -0.99 0.00	19.73 -0.82 0.00	19.08 -0.73 0.00	18.12 -0.69 -0.26	19.43 -0.66 -0.09	22.75 -0.90 0.00	28.15 -1.11 -0.80	27.49 -1.55 -1.79	27.46 -1.83 0.18	26.36 -1.87 0.06	27.46 -1.50 -0.67	26.19 -1.78 0.34	26.43 -1.87 0.00	26.27 -1.81 0.26	26.33 -1.83 -0.03	25.84 -1.80 -0.42	28.80 -1.70 -2.12	32.30 -1.25 -5.06	29.35 -1.08 -1.94	27.28 -1.46 -1.11	25.95 -1.22 -0.55	22.33 -1.11 -0.80	20.55 -0.95 -0.78	18.93 -0.73 -1.01
ROCHESTER_9_IC 23652	22.24 -0.85 0.00	19.85 -0.70 0.00	19.18 -0.63 0.00	18.23 -0.57 -0.26	19.55 -0.54 -0.09	22.89 -0.76 0.00	28.35 -0.91 -0.80	27.70 -1.34 -1.78	27.69 -1.59 0.19	26.61 -1.61 0.07	27.69 -1.27 -0.66	26.41 -1.56 0.35	26.65 -1.64 0.00	26.50 -1.59 0.27	26.55 -1.60 -0.03	26.05 -1.58 -0.42	29.02 -1.48 -2.11	32.54 -1.00 -5.05	29.60 -0.83 -1.93	27.50 -1.24 -1.11	26.16 -1.01 -0.55	22.47 -0.97 -0.80	20.68 -0.83 -0.78	19.06 -0.60 -1.01
ROCKVIEW_13_KV_LD 356306	24.38 1.29 0.00	21.72 1.17 0.00	20.92 1.11 0.00	20.70 1.06 -1.10	21.58 1.20 -0.38	25.11 1.47 0.00	33.54 1.94 -3.14	36.21 2.02 -6.94	33.83 2.21 -2.15	33.77 2.21 -3.27	34.41 2.15 -3.97	33.65 2.15 -3.17	31.69 2.15 -1.25	31.45 2.18 -0.91	31.92 2.17 -1.63	32.97 2.04 -3.72	38.90 2.30 -8.23	50.57 2.45 -19.63	38.34 2.34 -7.51	34.11 2.16 -4.33	30.77 2.00 -2.15	27.38 1.61 -3.13	25.26 1.47 -3.06	23.81 1.19 -3.97
ROME____115KV_TB2 80656	23.92 0.83 0.00	21.27 0.72 0.00	20.50 0.69 0.00	19.28 0.63 -0.11	20.72 0.68 -0.04	24.52 0.87 0.00	30.18 1.45 -0.26	29.20 1.36 -0.59	30.95 1.30 -0.18	29.74 1.16 -0.28	29.91 1.27 -0.34	29.78 1.19 -0.27	29.62 1.22 -0.11	29.68 1.25 -0.08	29.44 1.18 -0.14	28.70 1.17 -0.32	30.21 1.14 -0.70	31.52 1.37 -1.66	30.44 1.31 -0.63	29.16 1.16 -0.37	27.90 1.09 -0.18	23.72 0.82 -0.26	21.59 0.68 -0.17	19.60 0.62 -0.34
ROSETON___1 23587	24.08 0.99 0.00	21.47 0.93 0.00	20.68 0.87 0.00	20.50 0.85 -1.10	21.32 0.94 -0.38	24.78 1.13 0.00	33.14 1.54 -3.13	35.80 1.61 -6.93	33.33 1.71 -2.15	33.23 1.67 -3.27	33.87 1.61 -3.97	33.14 1.64 -3.17	31.18 1.64 -1.25	30.93 1.67 -0.91	31.41 1.66 -1.63	32.51 1.58 -3.72	38.39 1.79 -8.22	50.00 1.88 -19.62	37.83 1.83 -7.51	33.67 1.71 -4.33	30.37 1.60 -2.15	27.04 1.27 -3.13	24.93 1.14 -3.06	23.55 0.93 -3.97
ROSETON___2 23588	24.08 0.99 0.00	21.47 0.93 0.00	20.68 0.87 0.00	20.50 0.85 -1.10	21.32 0.94 -0.38	24.78 1.13 0.00	33.14 1.54 -3.13	35.80 1.61 -6.93	33.33 1.71 -2.15	33.23 1.67 -3.27	33.87 1.61 -3.97	33.14 1.64 -3.17	31.18 1.64 -1.25	30.93 1.67 -0.91	31.41 1.66 -1.63	32.51 1.58 -3.72	38.39 1.79 -8.22	50.00 1.88 -19.62	37.83 1.83 -7.51	33.67 1.71 -4.33	30.37 1.60 -2.15	27.04 1.27 -3.13	24.93 1.14 -3.06	23.55 0.93 -3.97
ROTTDRAM_115KV_TB3 80664	23.95 0.85 0.00	21.33 0.78 0.00	20.56 0.75 0.00	20.72 0.74 -1.43	21.31 0.82 -0.49	24.66 1.02 0.00	33.80 1.25 -4.08	37.56 1.28 -9.03	33.60 1.33 -2.81	33.83 1.27 -4.26	34.77 1.30 -5.17	33.76 1.30 -4.14	31.23 1.30 -1.63	30.79 1.25 -1.19	31.48 1.24 -2.12	33.29 1.22 -4.86	40.28 1.19 -10.71	55.33 1.28 -25.55	39.56 1.28 -9.78	34.45 1.19 -5.63	30.64 1.22 -2.79	27.67 0.95 -4.07	25.56 0.85 -3.98	24.54 0.73 -5.17

RUSSELL___1 23602	22.31 -0.79 0.00	19.91 -0.64 0.00	19.24 -0.57 0.00	18.28 -0.52 -0.26	19.61 -0.48 -0.09	22.98 -0.66 0.00	28.47 -0.80 -0.80	27.81 -1.23 -1.78	27.81 -1.47 0.19	26.76 -1.47 0.07	27.83 -1.13 -0.66	26.56 -1.42 0.35	26.79 -1.50 0.00	26.64 -1.45 0.27	26.72 -1.43 -0.03	26.19 -1.44 -0.42	29.16 -1.33 -2.11	32.72 -0.83 -5.05	29.74 -0.68 -1.93	27.64 -1.11 -1.11	26.27 -0.91 -0.55	22.56 -0.88 -0.80	20.74 -0.77 -0.78	19.12 -0.54 -1.01
RUSSELL___2 23532	22.31 -0.79 0.00	19.91 -0.64 0.00	19.24 -0.57 0.00	18.28 -0.52 -0.26	19.61 -0.48 -0.09	22.98 -0.66 0.00	28.47 -0.80 -0.80	27.81 -1.23 -1.78	27.81 -1.47 0.19	26.76 -1.47 0.07	27.83 -1.13 -0.66	26.56 -1.42 0.35	26.79 -1.50 0.00	26.64 -1.45 0.27	26.72 -1.43 -0.03	26.19 -1.44 -0.42	29.16 -1.33 -2.11	32.72 -0.83 -5.05	29.74 -0.68 -1.93	27.64 -1.11 -1.11	26.27 -0.91 -0.55	22.56 -0.88 -0.80	20.74 -0.77 -0.78	19.12 -0.54 -1.01
RUSSELL___3 23549	22.31 -0.79 0.00	19.91 -0.64 0.00	19.24 -0.57 0.00	18.28 -0.52 -0.26	19.61 -0.48 -0.09	22.98 -0.66 0.00	28.47 -0.80 -0.80	27.81 -1.23 -1.78	27.81 -1.47 0.19	26.76 -1.47 0.07	27.83 -1.13 -0.66	26.56 -1.42 0.35	26.79 -1.50 0.00	26.64 -1.45 0.27	26.72 -1.43 -0.03	26.19 -1.44 -0.42	29.16 -1.33 -2.11	32.72 -0.83 -5.05	29.74 -0.68 -1.93	27.64 -1.11 -1.11	26.27 -0.91 -0.55	22.56 -0.88 -0.80	20.74 -0.77 -0.78	19.12 -0.54 -1.01
RUSSELL___4 23556	22.31 -0.79 0.00	19.91 -0.64 0.00	19.24 -0.57 0.00	18.28 -0.52 -0.26	19.61 -0.48 -0.09	22.98 -0.66 0.00	28.47 -0.80 -0.80	27.81 -1.23 -1.78	27.81 -1.47 0.19	26.76 -1.47 0.07	27.83 -1.13 -0.66	26.56 -1.42 0.35	26.79 -1.50 0.00	26.64 -1.45 0.27	26.72 -1.43 -0.03	26.19 -1.44 -0.42	29.16 -1.33 -2.11	32.72 -0.83 -5.05	29.74 -0.68 -1.93	27.64 -1.11 -1.11	26.27 -0.91 -0.55	22.56 -0.88 -0.80	20.74 -0.77 -0.78	19.12 -0.54 -1.01
RUSSELL___STATION 23914	22.31 -0.79 0.00	19.91 -0.64 0.00	19.24 -0.57 0.00	18.28 -0.52 -0.26	19.61 -0.48 -0.09	22.98 -0.66 0.00	28.47 -0.80 -0.80	27.81 -1.23 -1.78	27.81 -1.47 0.19	26.76 -1.47 0.07	27.83 -1.13 -0.66	26.56 -1.42 0.35	26.79 -1.50 0.00	26.64 -1.45 0.27	26.72 -1.43 -0.03	26.19 -1.44 -0.42	29.16 -1.33 -2.11	32.72 -0.83 -5.05	29.74 -0.68 -1.93	27.64 -1.11 -1.11	26.27 -0.91 -0.55	22.56 -0.88 -0.80	20.74 -0.77 -0.78	19.12 -0.54 -1.01
S SALMON___HYD 24043	22.95 -0.14 0.00	20.43 -0.12 0.00	19.69 -0.12 0.00	18.60 -0.13 -0.18	19.95 -0.12 -0.06	23.53 -0.12 0.00	28.99 0.00 -0.52	28.28 -0.14 -1.16	29.51 -0.32 -0.36	28.48 -0.37 -0.55	28.63 -0.34 -0.67	28.49 -0.37 -0.54	28.08 -0.42 -0.21	28.11 -0.40 -0.15	27.98 -0.42 -0.28	27.46 -0.38 -0.63	29.39 -0.37 -1.38	31.61 -0.17 -3.29	29.58 -0.17 -1.26	28.08 -0.28 -0.72	26.72 -0.27 -0.36	23.01 -0.16 -0.52	20.94 -0.12 -0.33	19.23 -0.07 -0.66
S.PERRY___115KV_TB1 80734	22.81 -0.28 0.00	20.32 -0.23 0.00	19.61 -0.20 0.00	18.60 -0.26 -0.31	19.93 -0.18 -0.11	23.53 -0.12 0.00	29.31 -0.09 -0.93	28.82 -0.46 -2.03	28.43 -0.68 0.36	27.11 -0.82 0.36	28.06 -0.68 -0.44	26.77 -0.88 0.67	27.17 -1.05 0.08	26.95 -1.05 0.35	26.93 -1.07 0.12	26.46 -0.90 -0.15	29.99 -0.79 -2.40	34.06 -0.17 -5.73	30.78 0.09 -2.20	28.54 -0.36 -1.27	27.09 -0.16 -0.63	23.24 -0.34 -0.93	21.31 -0.33 -0.91	19.66 -0.17 -1.18
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	21.45 -1.64 0.00	19.23 -1.32 0.00	18.64 -1.17 0.00	17.54 -1.30 -0.29	18.78 -1.32 -0.10	22.16 -1.49 0.00	27.33 -2.02 -0.89	26.48 -2.56 -1.79	26.44 -2.83 0.20	25.44 -2.74 0.11	26.45 -2.49 -0.64	25.24 -2.69 0.39	25.52 -2.77 0.01	25.33 -2.75 0.27	25.37 -2.76 -0.01	25.03 -2.56 -0.38	27.69 -2.81 -2.12	31.21 -2.34 -5.05	28.44 -1.99 -1.94	26.32 -2.43 -1.12	25.13 -2.05 -0.56	21.70 -1.83 -0.89	19.98 -1.62 -0.87	18.48 -1.29 -1.12
SAWYER___23_KV_LOAD 55526	21.45 -1.64 0.00	19.23 -1.32 0.00	18.64 -1.17 0.00	17.54 -1.30 -0.29	18.78 -1.32 -0.10	22.16 -1.49 0.00	27.33 -2.02 -0.89	26.48 -2.56 -1.79	26.44 -2.83 0.20	25.44 -2.74 0.11	26.45 -2.49 -0.64	25.24 -2.69 0.39	25.52 -2.77 0.01	25.33 -2.75 0.27	25.37 -2.76 -0.01	25.03 -2.56 -0.38	27.69 -2.81 -2.12	31.21 -2.34 -5.05	28.44 -1.99 -1.94	26.32 -2.43 -1.12	25.13 -2.05 -0.56	21.70 -1.83 -0.89	19.98 -1.62 -0.87	18.48 -1.29 -1.12
SELKIRK___I 23801	23.67 0.58 0.00	21.12 0.57 0.00	20.39 0.57 0.00	20.46 0.56 -1.36	21.07 0.60 -0.47	24.36 0.71 0.00	33.28 0.94 -3.88	36.81 0.98 -8.57	33.17 1.03 -2.66	33.31 0.96 -4.05	34.17 0.96 -4.91	33.22 0.96 -3.93	30.80 0.96 -1.55	30.47 0.99 -1.13	31.12 0.98 -2.02	32.77 0.95 -4.61	39.57 1.02 -10.17	53.82 1.05 -24.27	38.84 1.05 -9.29	33.98 0.99 -5.35	30.23 0.96 -2.65	27.24 0.72 -3.87	25.16 0.64 -3.78	24.10 0.54 -4.91
SELKIRK___II 23799	23.64 0.55 0.00	21.10 0.56 0.00	20.37 0.55 0.00	20.44 0.54 -1.36	21.05 0.58 -0.47	24.33 0.69 0.00	33.25 0.91 -3.87	36.78 0.95 -8.57	33.14 1.00 -2.66	33.27 0.93 -4.04	34.13 0.93 -4.91	33.18 0.93 -3.93	30.77 0.93 -1.55	30.44 0.96 -1.13	31.09 0.96 -2.01	32.77 0.95 -4.61	39.53 0.99 -10.16	53.76 1.02 -24.24	38.80 1.02 -9.28	33.94 0.97 -5.35	30.21 0.93 -2.65	27.22 0.70 -3.87	25.13 0.62 -3.78	24.05 0.50 -4.90
SENECA OSWGO___HYD 24041	22.77 -0.32 0.00	20.26 -0.29 0.00	19.53 -0.28 0.00	18.48 -0.26 -0.20	19.81 -0.26 -0.07	23.32 -0.33 0.00	28.67 -0.37 -0.58	28.07 -0.46 -1.28	29.19 -0.68 -0.40	28.22 -0.68 -0.61	28.38 -0.65 -0.74	28.26 -0.65 -0.59	27.85 -0.68 -0.23	27.87 -0.65 -0.17	27.75 -0.68 -0.30	27.30 -0.60 -0.69	29.27 -0.62 -1.51	31.62 -0.48 -3.61	29.36 -0.51 -1.38	27.82 -0.61 -0.80	26.46 -0.56 -0.39	22.87 -0.34 -0.57	21.01 -0.27 -0.55	19.16 -0.20 -0.72
SENECA___115KV_TB3 355854	21.71 -1.39 0.00	19.44 -1.11 0.00	18.84 -0.97 0.00	17.64 -1.21 -0.30	18.89 -1.22 -0.10	22.42 -1.23 0.00	27.58 -1.79 -0.90	26.81 -2.29 -1.84	26.80 -2.48 0.20	25.84 -2.35 0.11	26.70 -2.24 -0.64	25.61 -2.32 0.39	25.88 -2.41 0.01	25.67 -2.41 0.27	25.74 -2.39 -0.01	25.44 -2.15 -0.38	28.06 -2.50 -2.18	31.67 -2.02 -5.20	28.75 -1.74 -1.99	26.60 -2.18 -1.15	25.39 -1.81 -0.57	21.87 -1.68 -0.90	20.12 -1.49 -0.88	18.60 -1.19 -1.14
SENECA___ENERGY 23797	22.75 -0.35 0.00	20.24 -0.31 0.00	19.53 -0.28 0.00	18.49 -0.32 -0.26	19.81 -0.28 -0.09	23.39 -0.26 0.00	28.95 -0.28 -0.76	28.51 -0.44 -1.69	29.51 -0.62 -0.66	28.49 -0.68 -0.87	28.46 -0.65 -0.81	28.63 -0.65 -0.96	27.91 -0.74 -0.35	28.03 -0.68 -0.36	27.79 -0.73 -0.40	27.41 -0.60 -0.80	29.76 -0.62 -2.01	32.94 -0.34 -4.78	30.07 -0.26 -1.83	28.19 -0.50 -1.05	26.72 -0.43 -0.52	22.99 -0.41 -0.76	21.10 -0.37 -0.74	19.32 -0.28 -0.96
SHOEMAKER___GT 23640	23.95 0.85 0.00	21.33 0.78 0.00	20.56 0.75 0.00	20.24 0.70 -0.99	21.14 0.80 -0.34	24.62 0.97 0.00	32.61 1.31 -2.83	34.83 1.31 -6.26	32.86 1.44 -1.94	32.63 1.39 -2.95	33.20 1.33 -3.58	32.52 1.33 -2.86	30.75 1.33 -1.13	30.56 1.39 -0.82	30.97 1.38 -1.47	31.87 1.31 -3.36	37.34 1.53 -7.43	47.84 1.62 -17.72	36.84 1.57 -6.78	33.00 1.46 -3.91	29.92 1.36 -1.94	26.53 1.06 -2.83	24.45 0.95 -2.76	22.99 0.76 -3.58

SHOEMAKR_138KV_BK 111 55601	23.95 0.85 0.00	21.33 0.78 0.00	20.54 0.73 0.00	20.23 0.70 -0.99	21.14 0.80 -0.34	24.62 0.97 0.00	32.56 1.28 -2.81	34.78 1.31 -6.21	32.81 1.41 -1.93	32.61 1.39 -2.93	33.20 1.36 -3.55	32.49 1.33 -2.84	30.74 1.33 -1.12	30.56 1.39 -0.82	30.96 1.38 -1.46	31.87 1.33 -3.33	37.28 1.53 -7.37	47.70 1.62 -17.58	36.79 1.57 -6.73	32.97 1.46 -3.88	29.90 1.36 -1.92	26.51 1.06 -2.81	24.43 0.95 -2.74	22.97 0.76 -3.56
SHOREHAM_IC_1 23715	29.53 1.18 -5.26	27.89 1.36 -5.99	27.25 1.27 -6.17	26.34 1.24 -6.55	27.95 1.28 -6.67	31.61 1.77 -6.19	33.96 2.36 -3.13	36.42 2.24 -6.93	34.85 2.36 -3.02	33.69 2.12 -3.27	34.30 2.04 -3.96	34.66 2.04 -4.30	33.93 2.04 -3.59	32.75 2.24 -2.16	33.25 2.28 -2.86	35.34 2.18 -5.96	50.53 2.44 -19.71	63.25 2.65 -32.10	49.63 2.51 -18.63	41.83 2.32 -11.88	37.66 2.21 -8.83	32.52 1.74 -8.13	28.17 1.80 -5.64	24.20 1.58 -3.97
SHOREHAM_IC_2 23716	29.53 1.18 -5.26	27.89 1.36 -5.99	27.25 1.27 -6.17	26.34 1.24 -6.55	27.95 1.28 -6.67	31.61 1.77 -6.19	33.96 2.36 -3.13	36.42 2.24 -6.93	34.85 2.36 -3.02	33.69 2.12 -3.27	34.30 2.04 -3.96	34.66 2.04 -4.30	33.93 2.04 -3.59	32.75 2.24 -2.16	33.25 2.28 -2.86	35.34 2.18 -5.96	50.53 2.44 -19.71	63.25 2.65 -32.10	49.63 2.51 -18.63	41.83 2.32 -11.88	37.66 2.21 -8.83	32.52 1.74 -8.13	28.17 1.80 -5.64	24.20 1.58 -3.97
SISSONVILLE____ 23735	23.18 0.09 0.00	20.55 0.00 0.00	19.79 -0.02 0.00	18.52 -0.06 -0.03	19.89 -0.12 -0.01	23.58 -0.07 0.00	28.49 -0.06 -0.08	27.47 0.03 -0.19	29.56 0.03 -0.06	28.47 0.08 -0.09	28.52 0.11 -0.11	28.55 0.14 -0.09	28.50 0.17 -0.03	28.46 0.09 -0.02	28.11 -0.06 -0.04	27.06 -0.24 -0.10	28.29 -0.31 -0.22	28.59 -0.43 -0.52	28.27 -0.43 -0.20	27.47 -0.28 -0.12	26.31 -0.37 -0.06	22.48 -0.25 -0.08	18.27 -0.25 2.21	21.26 -0.22 -2.83
SITHE_IND_GS1 24169	22.47 -0.62 0.00	20.01 -0.53 0.00	19.30 -0.52 0.00	18.24 -0.48 -0.17	19.56 -0.50 -0.06	23.01 -0.64 0.00	28.17 -0.80 -0.50	27.44 -0.93 -1.11	28.70 -1.12 -0.35	27.75 -1.08 -0.53	27.86 -1.08 -0.64	27.79 -1.05 -0.51	27.42 -1.08 -0.20	27.42 -1.08 -0.15	27.32 -1.07 -0.26	26.80 -1.01 -0.60	28.64 -1.05 -1.31	30.69 -0.94 -3.13	28.75 -0.94 -1.20	27.30 -1.02 -0.69	26.03 -0.93 -0.34	22.46 -0.68 -0.49	20.65 -0.56 -0.48	18.82 -0.45 -0.63
SITHE_IND_GS2 24170	22.47 -0.62 0.00	20.01 -0.53 0.00	19.30 -0.52 0.00	18.24 -0.48 -0.17	19.56 -0.50 -0.06	23.01 -0.64 0.00	28.17 -0.80 -0.50	27.44 -0.93 -1.11	28.70 -1.12 -0.35	27.75 -1.08 -0.53	27.86 -1.08 -0.64	27.79 -1.05 -0.51	27.42 -1.08 -0.20	27.42 -1.08 -0.15	27.32 -1.07 -0.26	26.80 -1.01 -0.60	28.64 -1.05 -1.31	30.69 -0.94 -3.13	28.75 -0.94 -1.20	27.30 -1.02 -0.69	26.03 -0.93 -0.34	22.46 -0.68 -0.49	20.65 -0.56 -0.48	18.82 -0.45 -0.63
SITHE_IND_GS3 24171	22.47 -0.62 0.00	20.01 -0.53 0.00	19.30 -0.52 0.00	18.24 -0.48 -0.17	19.56 -0.50 -0.06	23.01 -0.64 0.00	28.17 -0.80 -0.50	27.44 -0.93 -1.11	28.70 -1.12 -0.35	27.75 -1.08 -0.53	27.86 -1.08 -0.64	27.79 -1.05 -0.51	27.42 -1.08 -0.20	27.42 -1.08 -0.15	27.32 -1.07 -0.26	26.80 -1.01 -0.60	28.64 -1.05 -1.31	30.69 -0.94 -3.13	28.75 -0.94 -1.20	27.30 -1.02 -0.69	26.03 -0.93 -0.34	22.46 -0.68 -0.49	20.65 -0.56 -0.48	18.82 -0.45 -0.63
SITHE_IND_GS4 24172	22.47 -0.62 0.00	20.01 -0.53 0.00	19.30 -0.52 0.00	18.24 -0.48 -0.17	19.56 -0.50 -0.06	23.01 -0.64 0.00	28.17 -0.80 -0.50	27.44 -0.93 -1.11	28.70 -1.12 -0.35	27.75 -1.08 -0.53	27.86 -1.08 -0.64	27.79 -1.05 -0.51	27.42 -1.08 -0.20	27.42 -1.08 -0.15	27.32 -1.07 -0.26	26.80 -1.01 -0.60	28.64 -1.05 -1.31	30.69 -0.94 -3.13	28.75 -0.94 -1.20	27.30 -1.02 -0.69	26.03 -0.93 -0.34	22.46 -0.68 -0.49	20.65 -0.56 -0.48	18.82 -0.45 -0.63
SITHE____BATAVIA 24024	22.03 -1.06 0.00	19.69 -0.86 0.00	19.04 -0.77 0.00	18.01 -0.82 -0.28	19.34 -0.76 -0.09	22.77 -0.87 0.00	28.17 -1.14 -0.84	27.56 -1.47 -1.77	27.31 -1.97 0.19	26.23 -1.98 0.09	26.91 -2.04 -0.65	26.00 -1.95 0.37	26.17 -2.12 0.00	26.04 -2.04 0.27	26.09 -2.05 -0.02	25.90 -1.71 -0.40	28.55 -1.93 -2.10	32.14 -1.37 -5.02	29.31 -1.11 -1.92	27.14 -1.60 -1.11	25.87 -1.30 -0.55	22.28 -1.20 -0.84	20.49 -1.06 -0.82	18.94 -0.77 -1.06
SITHE____INDEPEND 23800	22.47 -0.62 0.00	20.02 -0.53 0.00	19.30 -0.52 0.00	18.24 -0.48 -0.17	19.56 -0.50 -0.06	23.01 -0.64 0.00	28.17 -0.80 -0.50	27.41 -0.95 -1.11	28.70 -1.12 -0.35	27.75 -1.08 -0.53	27.92 -1.02 -0.64	27.79 -1.05 -0.51	27.42 -1.08 -0.20	27.45 -1.05 -0.15	27.32 -1.07 -0.26	26.80 -1.01 -0.60	28.64 -1.05 -1.31	30.69 -0.94 -3.13	28.75 -0.94 -1.20	27.33 -0.99 -0.69	26.03 -0.93 -0.34	22.47 -0.68 -0.50	20.66 -0.56 -0.49	18.83 -0.45 -0.63
SITHE____MASSENA 23902	23.14 0.05 0.00	20.53 -0.02 0.00	19.77 -0.04 0.00	18.49 -0.06 0.00	19.90 -0.10 0.00	23.58 -0.07 0.00	28.33 -0.14 0.00	27.17 -0.08 0.00	29.41 -0.06 0.00	28.32 0.03 0.00	28.35 0.03 0.00	28.35 0.03 0.00	28.35 0.06 0.00	28.35 0.00 0.00	28.07 -0.06 0.00	27.10 -0.11 0.00	28.21 -0.17 0.00	28.18 -0.31 0.00	28.21 -0.28 0.00	27.49 -0.14 0.00	26.41 -0.21 0.00	22.49 -0.16 0.00	17.77 -0.19 2.77	18.99 -0.17 -0.51
SITHE____OGDNSBRG 24021	23.48 0.39 0.00	20.82 0.27 0.00	20.05 0.24 0.00	18.77 0.20 -0.02	20.17 0.16 -0.01	23.93 0.28 0.00	28.90 0.37 -0.07	27.87 0.46 -0.15	29.99 0.47 -0.05	28.87 0.51 -0.07	28.86 0.48 -0.09	28.90 0.51 -0.07	28.86 0.54 -0.03	28.82 0.45 -0.02	28.52 0.37 -0.03	27.53 0.24 -0.08	28.78 0.23 -0.17	29.05 0.14 -0.42	28.80 0.14 -0.16	28.00 0.28 -0.09	26.83 0.16 -0.05	22.87 0.16 -0.07	18.40 0.08 2.41	20.65 0.06 -1.95
SITHE____STERLING 23777	23.74 0.65 0.00	21.12 0.57 0.00	20.37 0.55 0.00	19.17 0.50 -0.13	20.61 0.56 -0.04	24.36 0.71 0.00	30.02 1.25 -0.31	29.10 1.17 -0.67	30.77 1.09 -0.21	29.58 0.96 -0.32	29.70 1.02 -0.39	29.63 0.99 -0.31	29.41 0.99 -0.12	29.49 1.05 -0.09	29.27 0.98 -0.16	28.53 0.95 -0.37	30.15 0.97 -0.80	31.55 1.14 -1.91	30.34 1.11 -0.73	29.02 0.97 -0.42	27.74 0.91 -0.21	23.62 0.61 -0.36	21.60 0.52 -0.36	19.61 0.50 -0.46
SLEIGHT__34_KV_TB1 80719	22.40 -0.69 0.00	19.95 -0.60 0.00	19.26 -0.55 0.00	18.30 -0.50 -0.25	19.61 -0.48 -0.09	23.06 -0.59 0.00	28.50 -0.74 -0.77	27.99 -0.98 -1.72	28.18 -1.24 0.06	27.18 -1.22 -0.11	28.08 -0.96 -0.75	27.02 -1.16 0.14	27.07 -1.27 -0.05	26.94 -1.22 0.19	26.99 -1.24 -0.11	26.55 -1.20 -0.54	29.28 -1.14 -2.04	32.59 -0.77 -4.87	29.65 -0.71 -1.86	27.68 -1.02 -1.07	26.25 -0.91 -0.53	22.60 -0.82 -0.77	20.76 -0.73 -0.75	19.08 -0.54 -0.98
SOUTH CAIRO____GT 23612	24.59 1.50 0.00	21.97 1.42 0.00	21.18 1.37 0.00	20.85 1.02 -1.28	21.70 1.26 -0.44	25.37 1.73 0.00	34.05 1.94 -3.65	37.16 1.83 -8.08	33.95 1.97 -2.50	33.80 1.70 -3.81	34.50 1.58 -4.62	33.52 1.50 -3.70	31.14 1.39 -1.45	30.83 1.42 -1.06	31.45 1.43 -1.90	33.09 1.55 -4.33	39.66 1.70 -9.58	53.26 1.91 -22.85	39.18 1.94 -8.75	34.52 1.85 -5.04	30.85 1.73 -2.50	27.54 1.24 -3.65	25.23 0.93 -3.56	24.03 0.76 -4.62

SOUTH HAMPTN___IC 23720	29.88 1.52 -5.26	28.14 1.60 -5.99	27.49 1.50 -6.17	26.56 1.46 -6.55	28.21 1.54 -6.67	31.92 2.08 -6.19	34.36 2.76 -3.13	36.86 2.67 -6.93	35.41 2.92 -3.02	34.25 2.69 -3.27	34.89 2.63 -3.96	35.26 2.63 -4.30	34.52 2.63 -3.59	33.29 2.78 -2.16	33.79 2.81 -2.86	35.89 2.72 -5.96	51.12 3.04 -19.71	63.87 3.28 -32.10	50.23 3.11 -18.63	42.41 2.90 -11.88	38.20 2.74 -8.83	32.88 2.11 -8.13	28.46 2.09 -5.64	24.44 1.83 -3.97
SOUTHDOW_115KV_TB1 355954	22.01 -1.09 0.00	19.67 -0.88 0.00	19.04 -0.77 0.00	17.76 -1.09 -0.31	18.99 -1.12 -0.11	22.77 -0.87 0.00	28.03 -1.37 -0.93	27.41 -1.77 -1.92	27.43 -1.86 0.18	26.54 -1.67 0.09	27.23 -1.73 -0.66	26.22 -1.73 0.37	26.49 -1.81 0.00	26.19 -1.90 0.26	26.31 -1.83 -0.01	26.11 -1.50 -0.40	28.79 -1.87 -2.28	32.59 -1.34 -5.43	29.44 -1.14 -2.08	27.20 -1.63 -1.20	25.89 -1.33 -0.60	22.31 -1.27 -0.93	20.44 -1.20 -0.91	18.86 -0.97 -1.18
SOUTHOLD_69_KV_BK 2 55809	30.22 1.87 -5.26	28.41 1.87 -5.99	27.76 1.78 -6.17	26.80 1.71 -6.55	28.57 1.90 -6.67	32.20 2.36 -6.19	34.82 3.22 -3.13	37.30 3.11 -6.93	35.91 3.42 -3.02	34.76 3.20 -3.27	35.40 3.14 -3.96	35.77 3.14 -4.30	35.03 3.14 -3.59	33.80 3.29 -2.16	34.32 3.35 -2.86	36.40 3.24 -5.96	51.66 3.58 -19.71	64.42 3.82 -32.10	50.80 3.68 -18.63	42.91 3.40 -11.88	38.67 3.22 -8.83	33.27 2.49 -8.13	26.22 2.43 -3.06	24.70 2.09 -3.97
SOUTHOLD___IC 23719	30.22 1.87 -5.26	28.40 1.87 -5.99	27.76 1.78 -6.17	26.80 1.70 -6.55	28.47 1.80 -6.67	32.28 2.44 -6.19	34.82 3.22 -3.13	37.32 3.13 -6.93	35.91 3.42 -3.02	34.73 3.17 -3.27	35.37 3.11 -3.96	35.74 3.12 -4.30	35.00 3.11 -3.59	33.80 3.29 -2.16	34.27 3.29 -2.86	36.37 3.21 -5.96	51.66 3.58 -19.71	64.42 3.82 -32.10	50.80 3.68 -18.63	42.91 3.40 -11.88	38.67 3.22 -8.83	33.27 2.49 -8.13	28.80 2.42 -5.64	24.70 2.09 -3.97
SOUTH_FORK_WT_PWR 323839	30.27 1.92 -5.26	28.45 1.91 -5.99	27.80 1.82 -6.17	26.84 1.74 -6.55	28.61 1.94 -6.67	32.25 2.41 -6.19	34.87 3.27 -3.13	37.35 3.16 -6.93	36.00 3.51 -3.02	34.85 3.28 -3.27	35.51 3.25 -3.96	35.85 3.23 -4.30	35.11 3.23 -3.59	33.94 3.43 -2.16	34.44 3.46 -2.86	36.51 3.35 -5.96	51.75 3.66 -19.71	64.53 3.93 -32.10	50.88 3.76 -18.63	43.02 3.51 -11.88	38.81 3.35 -8.83	33.31 2.54 -8.13	26.26 2.47 -3.06	24.74 2.13 -3.97
SPIERFLS_115KV_TB 1 80737	24.66 1.57 0.00	21.95 1.40 0.00	21.12 1.31 0.00	21.22 1.26 -1.42	21.95 1.46 -0.49	25.49 1.84 0.00	34.19 1.68 -4.04	37.77 1.58 -8.94	34.02 1.77 -2.78	34.18 1.67 -4.22	35.17 1.75 -5.12	34.32 1.90 -4.10	31.77 1.87 -1.61	31.09 1.56 -1.18	31.74 1.52 -2.10	33.51 1.50 -4.81	40.06 1.08 -10.60	55.01 1.23 -25.29	39.40 1.23 -9.68	34.31 1.11 -5.58	31.12 1.73 -2.77	27.90 1.22 -4.03	25.85 1.18 -3.94	24.93 1.17 -5.11
ST LAWRENCE___ 23600	22.91 -0.19 0.00	20.32 -0.23 0.00	19.57 -0.24 0.00	18.30 -0.24 0.00	19.70 -0.30 0.00	23.32 -0.33 0.00	27.98 -0.48 0.00	26.85 -0.41 0.00	29.12 -0.35 0.00	28.01 -0.28 0.00	28.04 -0.26 0.00	28.04 -0.28 0.00	28.04 -0.26 0.00	28.04 -0.31 0.00	27.81 -0.31 0.00	26.88 -0.33 0.00	27.98 -0.40 0.00	27.95 -0.54 0.00	27.95 -0.54 0.00	27.24 -0.39 0.00	26.17 -0.45 0.00	22.26 -0.39 0.00	17.49 -0.37 2.87	18.29 -0.35 0.00
STATE_CA_115KV_115_LB 55624	23.69 0.60 0.00	21.17 0.62 0.00	20.43 0.61 0.00	20.52 0.59 -1.38	21.14 0.66 -0.47	24.43 0.78 0.00	33.43 1.02 -3.94	37.03 1.06 -8.72	33.33 1.15 -2.71	33.49 1.08 -4.12	34.39 1.10 -4.99	33.42 1.10 -4.00	31.00 1.13 -1.57	30.60 1.11 -1.15	31.27 1.10 -2.05	32.96 1.06 -4.69	39.77 1.05 -10.34	54.24 1.08 -24.67	39.05 1.11 -9.44	34.09 1.02 -5.44	30.33 1.01 -2.70	27.30 0.72 -3.93	25.22 0.64 -3.84	24.13 0.50 -4.98
STATE_ST_34_KV_LOAD 55959	23.09 0.00 0.00	20.55 0.00 0.00	19.81 0.00 0.00	18.76 -0.04 -0.26	20.09 0.00 -0.09	23.69 0.05 0.00	29.30 0.09 -0.75	28.83 -0.08 -1.66	30.17 0.09 -0.61	29.24 0.06 -0.89	29.40 0.14 -0.96	29.34 0.11 -0.91	28.66 0.03 -0.34	28.70 0.06 -0.29	28.58 0.03 -0.43	28.19 0.05 -0.93	30.43 0.09 -1.97	33.54 0.34 -4.70	30.64 0.34 -1.80	28.81 0.14 -1.04	27.30 0.16 -0.51	23.35 -0.05 -0.75	21.42 -0.04 -0.73	19.60 0.00 -0.95
STATION 5_MISC_HYD 23604	22.26 -0.83 0.00	19.85 -0.70 0.00	19.18 -0.63 0.00	18.23 -0.58 -0.26	19.55 -0.54 -0.09	22.91 -0.73 0.00	28.35 -0.91 -0.80	27.84 -1.20 -1.78	27.69 -1.59 0.19	26.58 -1.64 0.07	27.35 -1.61 -0.66	26.41 -1.56 0.35	26.62 -1.67 0.00	26.50 -1.59 0.27	26.55 -1.60 -0.03	26.38 -1.25 -0.42	29.02 -1.48 -2.11	32.54 -1.00 -5.05	29.60 -0.83 -1.93	27.50 -1.24 -1.11	26.14 -1.04 -0.55	22.46 -0.97 -0.79	20.67 -0.83 -0.77	19.05 -0.60 -1.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	22.63 -0.46 0.00	20.14 -0.41 0.00	19.43 -0.38 0.00	18.47 -0.33 -0.26	19.79 -0.30 -0.09	23.27 -0.38 0.00	28.79 -0.46 -0.78	28.26 -0.74 -1.74	28.17 -0.97 0.33	27.09 -0.99 0.21	28.22 -0.74 -0.66	26.83 -0.93 0.56	27.19 -1.05 0.06	26.98 -0.99 0.38	27.12 -0.98 0.02	26.61 -0.98 -0.39	29.56 -0.88 -2.06	32.92 -0.48 -4.91	29.98 -0.40 -1.88	27.97 -0.75 -1.08	26.55 -0.61 -0.54	22.83 -0.59 -0.78	20.97 -0.52 -0.76	19.28 -0.35 -0.99
STA_56_34_KV_BUS2_REV_LBMP_B 345033	22.14 -0.95 0.00	19.75 -0.80 0.00	19.08 -0.73 0.00	18.13 -0.67 -0.26	19.45 -0.64 -0.09	22.80 -0.85 0.00	28.21 -1.05 -0.79	27.61 -1.42 -1.77	27.58 -1.68 0.22	26.53 -1.67 0.10	27.60 -1.36 -0.67	26.31 -1.61 0.39	26.55 -1.73 0.02	26.41 -1.64 0.29	26.48 -1.66 -0.02	25.99 -1.63 -0.42	28.95 -1.53 -2.10	32.42 -1.08 -5.01	29.44 -0.97 -1.92	27.38 -1.35 -1.10	26.03 -1.14 -0.55	22.37 -1.06 -0.79	20.57 -0.93 -0.77	18.96 -0.69 -1.00
STA_56___34_KV_BUS2 355983	22.14 -0.95 0.00	19.75 -0.80 0.00	19.08 -0.73 0.00	18.13 -0.67 -0.26	19.45 -0.64 -0.09	22.80 -0.85 0.00	28.21 -1.05 -0.79	27.61 -1.42 -1.77	27.58 -1.68 0.22	26.53 -1.67 0.10	27.60 -1.36 -0.67	26.31 -1.61 0.39	26.55 -1.73 0.02	26.41 -1.64 0.29	26.48 -1.66 -0.02	25.99 -1.63 -0.42	28.95 -1.53 -2.10	32.42 -1.08 -5.01	29.44 -0.97 -1.92	27.38 -1.35 -1.10	26.03 -1.14 -0.55	22.37 -1.06 -0.79	20.57 -0.93 -0.77	18.96 -0.69 -1.00
STA_67___115KV_BK2 355882	22.19 -0.90 0.00	19.81 -0.74 0.00	19.16 -0.65 0.00	18.19 -0.61 -0.26	19.53 -0.56 -0.09	22.87 -0.78 0.00	28.30 -0.97 -0.80	27.65 -1.39 -1.78	27.63 -1.65 0.19	26.56 -1.67 0.07	27.63 -1.33 -0.66	26.36 -1.61 0.35	26.59 -1.70 0.00	26.44 -1.64 0.27	26.49 -1.66 -0.03	26.00 -1.63 -0.42	28.96 -1.53 -2.11	32.49 -1.05 -5.05	29.54 -0.88 -1.93	27.45 -1.30 -1.11	26.11 -1.06 -0.55	22.45 -1.00 -0.80	20.64 -0.87 -0.78	19.02 -0.63 -1.01
STA_7___115KV_9TRANS 80674	22.31 -0.79 0.00	19.91 -0.64 0.00	19.24 -0.57 0.00	18.28 -0.52 -0.26	19.61 -0.48 -0.09	22.98 -0.66 0.00	28.47 -0.80 -0.80	27.81 -1.23 -1.78	27.81 -1.47 0.19	26.76 -1.47 0.07	27.83 -1.13 -0.66	26.56 -1.42 0.35	26.79 -1.50 0.00	26.64 -1.45 0.27	26.72 -1.43 -0.03	26.19 -1.44 -0.42	29.16 -1.33 -2.11	32.72 -0.83 -5.05	29.74 -0.68 -1.93	27.64 -1.11 -1.11	26.27 -0.91 -0.55	22.56 -0.88 -0.80	20.74 -0.77 -0.78	19.12 -0.54 -1.01

STA_82___115KV_TB1 80780	22.19 -0.90 0.00	19.81 -0.74 0.00	19.14 -0.67 0.00	18.19 -0.61 -0.26	19.51 -0.58 -0.09	22.84 -0.80 0.00	28.27 -1.00 -0.80	27.62 -1.42 -1.78	27.60 -1.68 0.19	26.53 -1.70 0.07	27.63 -1.33 -0.66	26.35 -1.61 0.35	26.56 -1.73 0.00	26.44 -1.64 0.27	26.49 -1.66 -0.03	26.00 -1.63 -0.42	28.93 -1.56 -2.11	32.45 -1.08 -5.04	29.51 -0.91 -1.93	27.42 -1.33 -1.11	26.08 -1.09 -0.55	22.42 -1.02 -0.80	20.64 -0.87 -0.78	19.02 -0.63 -1.01
STEEL___WIND 323596	21.71 -1.38 0.00	19.44 -1.11 0.00	18.82 -0.99 0.00	17.62 -1.22 -0.30	18.87 -1.24 -0.10	22.44 -1.21 0.00	27.55 -1.82 -0.90	26.94 -2.15 -1.84	26.74 -2.53 0.20	25.72 -2.46 0.11	26.36 -2.57 -0.64	25.49 -2.44 0.39	25.74 -2.55 0.01	25.56 -2.52 0.27	25.57 -2.56 -0.01	25.22 -2.37 -0.38	28.04 -2.53 -2.18	31.64 -2.05 -5.20	28.72 -1.77 -1.99	26.57 -2.21 -1.15	25.33 -1.86 -0.57	21.84 -1.70 -0.90	20.11 -1.49 -0.88	18.57 -1.21 -1.14
STEPHTWN_115KV_BK_2 55603	23.85 0.76 0.00	21.31 0.76 0.00	20.54 0.73 0.00	20.60 0.69 -1.37	21.25 0.78 -0.47	24.57 0.92 0.00	33.58 1.22 -3.89	37.17 1.31 -8.60	33.47 1.33 -2.67	33.60 1.24 -4.06	34.50 1.27 -4.93	33.54 1.27 -3.94	31.09 1.24 -1.55	30.70 1.22 -1.13	31.35 1.21 -2.02	33.09 1.25 -4.63	39.83 1.25 -10.20	54.18 1.34 -24.35	39.15 1.34 -9.32	34.24 1.24 -5.37	30.48 1.20 -2.66	27.44 0.91 -3.89	25.30 0.77 -3.80	24.21 0.63 -4.93
STEBEN_REC_LFGE 323667	22.54 -0.55 0.00	20.10 -0.45 0.00	19.40 -0.42 0.00	18.31 -0.59 -0.36	19.59 -0.54 -0.12	23.27 -0.38 0.00	29.01 -0.51 -1.05	28.75 -0.79 -2.28	27.73 -0.80 0.94	26.22 -0.85 1.22	27.42 -0.74 0.14	25.82 -0.85 1.66	26.95 -0.99 0.35	26.69 -0.99 0.67	26.55 -1.04 0.53	25.82 -0.82 0.57	30.12 -0.96 -2.71	34.38 -0.57 -6.46	30.63 -0.34 -2.47	28.37 -0.69 -1.42	26.83 -0.51 -0.71	23.04 -0.66 -1.05	21.11 -0.64 -1.03	19.49 -0.48 -1.33
STILLWATER___SOLAR 323814	24.36 1.27 0.00	21.70 1.15 0.00	20.90 1.09 0.00	21.01 1.06 -1.41	21.69 1.20 -0.48	25.16 1.51 0.00	34.22 1.74 -4.02	37.84 1.69 -8.89	34.09 1.86 -2.76	34.25 1.75 -4.20	35.20 1.81 -5.09	34.24 1.84 -4.08	31.74 1.84 -1.60	31.25 1.73 -1.17	31.90 1.69 -2.09	33.65 1.66 -4.78	40.46 1.53 -10.55	55.31 1.65 -25.16	39.78 1.65 -9.63	34.70 1.52 -5.55	31.08 1.70 -2.75	27.93 1.27 -4.01	25.79 1.14 -3.92	24.76 1.03 -5.09
STONY___BROOK 24151	29.94 1.59 -5.26	28.06 1.52 -5.99	27.43 1.45 -6.17	26.49 1.39 -6.55	28.17 1.50 -6.67	31.73 1.89 -6.19	34.05 2.45 -3.13	36.67 2.48 -6.93	35.35 2.86 -3.02	34.28 2.72 -3.27	34.89 2.63 -3.96	35.29 2.66 -4.30	34.58 2.78 -3.59	33.29 2.78 -2.16	33.73 2.76 -2.86	35.80 2.64 -5.96	51.04 2.95 -19.71	63.76 3.16 -32.10	50.17 3.05 -18.63	42.36 2.85 -11.88	38.12 2.66 -8.83	32.75 1.97 -8.13	28.40 2.03 -5.64	24.33 1.71 -3.97
STURGEON_POOL_HYD 23609	24.20 1.11 0.00	21.58 1.03 0.00	20.78 0.97 0.00	20.43 0.76 -1.13	21.29 0.90 -0.39	24.88 1.23 0.00	33.10 1.42 -3.21	35.83 1.47 -7.10	33.20 1.53 -2.19	33.16 1.53 -3.33	33.75 1.41 -4.04	32.98 1.42 -3.24	30.96 1.39 -1.27	30.78 1.50 -0.93	31.27 1.49 -1.66	32.42 1.41 -3.80	38.47 1.67 -8.42	50.35 1.77 -20.09	37.87 1.68 -7.69	33.66 1.60 -4.43	30.26 1.44 -2.20	27.05 1.20 -3.20	24.92 1.06 -3.13	23.55 0.84 -4.06
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	24.06 0.97 0.00	21.43 0.88 0.00	20.64 0.83 0.00	20.36 0.80 -1.02	21.25 0.90 -0.35	24.73 1.09 0.00	32.82 1.45 -2.90	35.15 1.47 -6.42	33.02 1.56 -1.99	32.85 1.53 -3.03	33.44 1.47 -3.67	32.73 1.47 -2.94	30.92 1.47 -1.16	30.75 1.56 -0.84	31.17 1.55 -1.51	32.12 1.47 -3.45	37.67 1.67 -7.62	48.47 1.80 -18.18	37.19 1.74 -6.96	33.24 1.60 -4.01	30.10 1.49 -1.99	26.77 1.22 -2.90	24.66 1.10 -2.83	23.20 0.88 -3.68
SWANROAD_115KV_TB1 355699	21.10 -1.99 0.00	18.95 -1.60 0.00	18.36 -1.45 0.00	17.31 -1.52 -0.29	18.56 -1.54 -0.10	21.83 -1.82 0.00	26.95 -2.39 -0.87	26.03 -3.00 -1.77	25.98 -3.30 0.19	24.97 -3.23 0.10	26.03 -2.91 -0.65	24.80 -3.14 0.38	25.06 -3.23 0.00	24.85 -3.23 0.27	24.90 -3.23 -0.01	24.53 -3.07 -0.39	27.18 -3.29 -2.10	30.69 -2.79 -4.99	27.96 -2.45 -1.91	25.86 -2.87 -1.11	24.73 -2.45 -0.55	21.36 -2.15 -0.87	19.70 -1.89 -0.85	18.24 -1.51 -1.10
SYNERGY___BIOGAS 323694	22.03 -1.06 0.00	19.69 -0.86 0.00	19.04 -0.77 0.00	18.01 -0.82 -0.28	19.34 -0.76 -0.09	22.77 -0.87 0.00	28.17 -1.14 -0.84	27.56 -1.47 -1.77	27.31 -1.97 0.19	26.23 -1.98 0.09	26.91 -2.04 -0.65	26.00 -1.95 0.37	26.17 -2.12 0.00	26.04 -2.04 0.27	26.09 -2.05 -0.02	25.90 -1.71 -0.40	28.55 -1.93 -2.10	32.14 -1.37 -5.02	29.31 -1.11 -1.92	27.14 -1.60 -1.11	25.87 -1.30 -0.55	22.28 -1.20 -0.84	20.49 -1.06 -0.82	18.94 -0.77 -1.06
SYRACUSE___ENERGY_ST1 323597	23.02 -0.07 0.00	20.49 -0.06 0.00	19.77 -0.04 0.00	18.72 -0.06 -0.23	20.04 -0.04 -0.08	23.60 -0.05 0.00	29.10 -0.03 -0.66	28.56 -0.16 -1.47	29.64 -0.29 -0.46	28.71 -0.28 -0.70	28.94 -0.20 -0.85	28.78 -0.23 -0.68	28.28 -0.28 -0.27	28.29 -0.26 -0.20	28.19 -0.28 -0.35	27.76 -0.24 -0.80	29.86 -0.26 -1.74	32.56 -0.09 -4.15	29.97 -0.11 -1.59	28.30 -0.25 -0.91	26.86 -0.21 -0.45	23.22 -0.09 -0.66	21.31 -0.06 -0.65	19.47 -0.02 -0.84
SYRACUSE___ENERGY_ST2 323598	23.02 -0.07 0.00	20.49 -0.06 0.00	19.77 -0.04 0.00	18.72 -0.06 -0.23	20.04 -0.04 -0.08	23.60 -0.05 0.00	29.10 -0.03 -0.66	28.56 -0.16 -1.47	29.64 -0.29 -0.46	28.71 -0.28 -0.70	28.94 -0.20 -0.85	28.78 -0.23 -0.68	28.28 -0.28 -0.27	28.29 -0.26 -0.20	28.19 -0.28 -0.35	27.76 -0.24 -0.80	29.86 -0.26 -1.74	32.56 -0.09 -4.15	29.97 -0.11 -1.59	28.30 -0.25 -0.91	26.86 -0.21 -0.45	23.22 -0.09 -0.66	21.31 -0.06 -0.65	19.47 -0.02 -0.84
SYRACUSE___POWER 24017	22.95 -0.14 0.00	20.45 -0.10 0.00	19.71 -0.10 0.00	18.66 -0.11 -0.23	20.00 -0.08 -0.08	23.55 -0.09 0.00	29.05 -0.09 -0.67	28.52 -0.22 -1.48	29.64 -0.29 -0.47	28.69 -0.31 -0.71	28.93 -0.23 -0.86	28.76 -0.25 -0.69	28.25 -0.31 -0.27	28.27 -0.28 -0.20	28.19 -0.28 -0.35	27.77 -0.24 -0.81	29.88 -0.26 -1.76	32.58 -0.11 -4.20	29.96 -0.14 -1.61	28.31 -0.25 -0.93	26.87 -0.21 -0.46	23.20 -0.11 -0.67	21.30 -0.08 -0.65	19.46 -0.04 -0.85
TALLMAN___138KV_BK151 55660	24.18 1.09 0.00	21.56 1.01 0.00	20.74 0.93 0.00	20.48 0.89 -1.05	21.38 1.02 -0.36	24.88 1.23 0.00	33.05 1.59 -2.99	35.51 1.64 -6.62	33.29 1.77 -2.05	33.17 1.75 -3.12	33.78 1.70 -3.78	33.05 1.70 -3.03	31.21 1.73 -1.19	31.03 1.81 -0.87	31.47 1.80 -1.55	32.45 1.69 -3.55	38.16 1.93 -7.85	49.28 2.05 -18.73	37.63 1.97 -7.17	33.59 1.82 -4.13	30.38 1.70 -2.05	27.04 1.40 -2.99	24.92 1.26 -2.92	23.44 1.01 -3.79
TEALLAVE_115KV_TB7 355573	22.88 -0.21 0.00	20.36 -0.18 0.00	19.65 -0.16 0.00	18.59 -0.17 -0.21	19.93 -0.14 -0.07	23.46 -0.19 0.00	28.88 -0.20 -0.62	28.27 -0.35 -1.36	29.46 -0.44 -0.43	28.49 -0.45 -0.65	28.72 -0.37 -0.79	28.56 -0.40 -0.63	28.09 -0.45 -0.25	28.11 -0.43 -0.18	28.02 -0.42 -0.32	27.57 -0.38 -0.74	29.60 -0.40 -1.62	32.10 -0.26 -3.86	29.69 -0.28 -1.48	28.07 -0.41 -0.85	26.70 -0.35 -0.42	23.06 -0.20 -0.62	21.17 -0.17 -0.60	19.33 -0.09 -0.78

TELGRAPH_34_KV_EAST 80808	21.64 -1.45 0.00	19.38 -1.17 0.00	18.76 -1.05 0.00	17.71 -1.11 -0.28	19.00 -1.10 -0.10	22.37 -1.28 0.00	27.64 -1.68 -0.85	26.82 -2.21 -1.77	26.77 -2.51 0.19	25.74 -2.46 0.09	26.80 -2.15 -0.65	25.54 -2.41 0.37	25.77 -2.52 0.00	25.59 -2.49 0.27	25.64 -2.50 -0.02	25.24 -2.37 -0.40	27.98 -2.50 -2.10	31.54 -1.97 -5.01	28.73 -1.68 -1.92	26.61 -2.13 -1.11	25.39 -1.78 -0.55	21.89 -1.61 -0.85	20.15 -1.41 -0.83	18.65 -1.08 -1.08
TEMPLE___115KV_TB 2 55572	22.88 -0.21 0.00	20.38 -0.16 0.00	19.65 -0.16 0.00	18.61 -0.15 -0.21	19.93 -0.14 -0.07	23.48 -0.17 0.00	28.92 -0.17 -0.62	28.30 -0.33 -1.37	29.49 -0.41 -0.43	28.53 -0.42 -0.66	28.75 -0.34 -0.80	28.59 -0.37 -0.64	28.12 -0.42 -0.25	28.14 -0.40 -0.18	28.05 -0.39 -0.33	27.60 -0.35 -0.75	29.64 -0.37 -1.63	32.16 -0.23 -3.89	29.73 -0.26 -1.49	28.10 -0.39 -0.86	26.73 -0.32 -0.43	23.06 -0.20 -0.62	21.19 -0.15 -0.61	19.34 -0.09 -0.79
TIANA___69_KV_BK 1 55817	29.81 1.45 -5.26	28.08 1.54 -5.99	27.43 1.45 -6.17	26.51 1.41 -6.55	28.23 1.56 -6.67	31.76 1.92 -6.19	34.25 2.65 -3.13	36.70 2.51 -6.93	35.27 2.77 -3.02	34.14 2.57 -3.27	34.78 2.52 -3.96	35.12 2.49 -4.30	34.41 2.52 -3.59	33.20 2.69 -2.16	33.68 2.70 -2.86	35.78 2.61 -5.96	50.98 2.89 -19.71	63.73 3.13 -32.10	50.09 2.96 -18.63	42.27 2.76 -11.88	38.06 2.61 -8.83	32.79 2.02 -8.13	25.82 2.03 -3.06	24.37 1.75 -3.97
TILDEN___115KV_TB1 80814	22.95 -0.14 0.00	20.45 -0.10 0.00	19.71 -0.10 0.00	18.66 -0.11 -0.23	20.00 -0.08 -0.08	23.55 -0.09 0.00	29.05 -0.09 -0.67	28.52 -0.22 -1.48	29.64 -0.29 -0.47	28.69 -0.31 -0.71	28.93 -0.23 -0.86	28.76 -0.25 -0.69	28.25 -0.31 -0.27	28.27 -0.28 -0.20	28.19 -0.28 -0.35	27.77 -0.24 -0.81	29.88 -0.26 -1.76	32.58 -0.11 -4.20	29.96 -0.14 -1.61	28.31 -0.25 -0.93	26.87 -0.21 -0.46	23.20 -0.11 -0.67	21.30 -0.08 -0.65	19.46 -0.04 -0.85
TRIGEN___CC 323695	29.92 1.57 -5.26	27.95 1.42 -5.99	27.33 1.35 -6.17	26.38 1.28 -6.55	28.11 1.44 -6.67	31.57 1.73 -6.19	33.82 2.22 -3.13	36.48 2.29 -6.93	35.06 2.56 -3.02	34.08 2.52 -3.27	34.75 2.49 -3.96	35.12 2.49 -4.30	34.38 2.49 -3.59	33.06 2.55 -2.16	33.51 2.53 -2.86	35.56 2.39 -5.96	50.75 2.67 -19.71	63.39 2.79 -32.10	49.83 2.71 -18.63	42.02 2.51 -11.88	37.82 2.37 -8.83	32.66 1.88 -8.13	25.57 1.78 -3.06	24.11 1.49 -3.97
TRINITY___115KV__ 4 BK 55933	23.53 0.44 0.00	21.04 0.49 0.00	20.31 0.50 0.00	20.39 0.48 -1.37	21.01 0.54 -0.47	24.26 0.61 0.00	33.16 0.80 -3.89	36.74 0.87 -8.61	33.06 0.91 -2.68	33.24 0.88 -4.07	34.13 0.91 -4.93	33.15 0.88 -3.95	30.75 0.91 -1.55	30.36 0.88 -1.13	31.02 0.87 -2.02	32.79 0.95 -4.63	39.53 0.94 -10.22	53.84 0.97 -24.38	38.82 1.00 -9.33	33.95 0.94 -5.37	30.20 0.91 -2.67	27.20 0.66 -3.90	25.12 0.58 -3.81	24.05 0.47 -4.94
UNION___PROCESSING_DRP 323587	22.19 -0.90 0.00	19.81 -0.74 0.00	19.14 -0.67 0.00	18.19 -0.61 -0.26	19.51 -0.58 -0.09	22.87 -0.78 0.00	28.30 -0.97 -0.80	27.65 -1.39 -1.78	27.63 -1.65 0.19	26.56 -1.67 0.07	27.63 -1.33 -0.67	26.36 -1.61 0.35	26.59 -1.70 0.00	26.44 -1.64 0.27	26.49 -1.66 -0.03	26.00 -1.63 -0.42	28.96 -1.53 -2.11	32.45 -1.08 -5.04	29.51 -0.91 -1.93	27.44 -1.30 -1.11	26.08 -1.09 -0.55	22.45 -1.00 -0.80	20.64 -0.87 -0.78	19.02 -0.63 -1.01
UPPER HUDSON___HYD 24058	24.66 1.57 0.00	21.93 1.38 0.00	21.12 1.31 0.00	21.22 1.26 -1.42	21.95 1.46 -0.49	25.49 1.85 0.00	34.19 1.68 -4.04	37.77 1.58 -8.94	34.02 1.77 -2.78	34.16 1.64 -4.22	35.14 1.73 -5.12	34.32 1.90 -4.10	31.77 1.87 -1.61	31.09 1.56 -1.18	31.74 1.52 -2.10	33.48 1.47 -4.81	40.06 1.08 -10.60	55.01 1.22 -25.29	39.40 1.22 -9.68	34.31 1.11 -5.58	31.12 1.73 -2.77	27.90 1.22 -4.03	25.85 1.18 -3.94	24.95 1.19 -5.11
UPPER RAQUET___HYD 24056	23.18 0.09 0.00	20.55 0.00 0.00	19.79 -0.02 0.00	18.52 -0.06 -0.03	19.89 -0.12 -0.01	23.58 -0.07 0.00	28.49 -0.06 -0.08	27.44 0.00 -0.19	29.56 0.03 -0.06	28.50 0.11 -0.09	28.57 0.17 -0.11	28.55 0.14 -0.09	28.53 0.20 -0.03	28.46 0.09 -0.02	28.11 -0.06 -0.04	27.09 -0.22 -0.10	28.29 -0.31 -0.22	28.59 -0.43 -0.52	28.27 -0.43 -0.20	27.47 -0.28 -0.12	26.31 -0.37 -0.06	22.49 -0.25 -0.09	18.28 -0.25 2.21	21.27 -0.22 -2.84
VALLEY44_115KV_TB2 355964	21.91 -1.18 0.00	19.58 -0.97 0.00	18.94 -0.87 0.00	17.45 -1.41 -0.31	18.65 -1.46 -0.11	22.61 -1.04 0.00	27.50 -1.91 -0.94	27.00 -2.21 -1.95	27.00 -2.30 0.17	26.21 -2.01 0.08	26.59 -2.38 -0.67	25.87 -2.10 0.36	26.15 -2.15 -0.01	25.92 -2.18 0.25	26.06 -2.08 -0.02	25.93 -1.69 -0.41	28.39 -2.30 -2.31	32.07 -1.94 -5.51	28.87 -1.74 -2.11	26.67 -2.18 -1.22	25.37 -1.86 -0.61	21.82 -1.77 -0.94	20.05 -1.60 -0.92	18.44 -1.40 -1.19
VALLEY___115KV_TB 1-4 80826	23.39 0.30 0.00	20.78 0.23 0.00	20.03 0.22 0.00	18.76 0.19 -0.03	20.19 0.18 -0.01	23.88 0.24 0.00	28.91 0.37 -0.07	27.76 0.35 -0.15	29.78 0.27 -0.05	28.65 0.28 -0.07	28.78 0.40 -0.09	28.88 0.48 -0.07	28.89 0.57 -0.03	28.97 0.60 -0.02	28.69 0.53 -0.04	27.73 0.44 -0.08	28.99 0.43 -0.18	29.41 0.48 -0.43	29.15 0.48 -0.17	28.14 0.41 -0.10	27.07 0.40 -0.05	23.19 0.48 -0.07	21.41 0.46 -0.22	19.14 0.41 -0.09
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	24.27 1.18 0.00	21.60 1.05 0.00	20.88 1.07 0.00	20.05 0.96 -0.54	21.23 1.04 -0.19	24.95 1.30 0.00	31.85 1.82 -1.56	32.44 1.74 -3.44	32.54 1.89 -1.18	31.89 1.81 -1.79	32.32 1.92 -2.10	31.95 1.87 -1.76	30.84 1.87 -0.68	30.79 1.93 -0.51	30.86 1.86 -0.89	31.02 1.82 -1.99	34.39 1.93 -4.08	40.36 2.14 -9.73	34.27 2.05 -3.72	31.60 1.82 -2.15	29.42 1.73 -1.06	25.54 1.34 -1.56	23.39 1.14 -1.52	21.59 0.97 -1.97
VISCHER___FERRY HYD 24020	23.97 0.88 0.00	21.37 0.82 0.00	20.60 0.79 0.00	20.71 0.78 -1.39	21.36 0.88 -0.48	24.73 1.09 0.00	33.79 1.37 -3.96	37.40 1.39 -8.75	33.64 1.44 -2.72	33.79 1.36 -4.13	34.70 1.39 -5.01	33.75 1.42 -4.01	31.29 1.41 -1.58	30.89 1.39 -1.15	31.56 1.38 -2.06	33.25 1.33 -4.71	40.10 1.33 -10.38	54.64 1.37 -24.78	39.37 1.40 -9.48	34.42 1.33 -5.46	30.69 1.36 -2.71	27.62 1.02 -3.95	25.50 0.91 -3.86	24.46 0.80 -5.01
V_A_10_SYNC_DSASP 323832	21.54 -1.55 0.00	19.28 -1.27 0.00	18.68 -1.13 0.00	17.72 -1.09 -0.27	19.04 -1.06 -0.09	22.25 -1.40 0.00	27.54 -1.76 -0.84	27.04 -2.15 -1.94	26.61 -2.68 0.18	25.51 -2.72 0.07	26.29 -2.66 -0.66	25.37 -2.61 0.35	25.58 -2.72 0.00	25.46 -2.64 0.26	25.48 -2.67 -0.03	25.42 -2.20 -0.41	28.13 -2.55 -2.30	31.91 -2.08 -5.49	28.83 -1.77 -2.10	26.63 -2.21 -1.21	25.33 -1.89 -0.60	21.87 -1.61 -0.83	20.13 -1.41 -0.81	18.58 -1.12 -1.05
V_CMM_10_SYNC_DSASP 323787	22.98 -0.11 0.00	20.38 -0.17 0.00	19.63 -0.18 0.00	18.36 -0.19 0.00	19.76 -0.24 0.00	23.39 -0.26 0.00	28.10 -0.37 0.00	26.96 -0.30 0.00	29.23 -0.24 0.00	28.10 -0.20 0.00	28.13 -0.17 0.00	28.13 -0.20 0.00	28.15 -0.14 0.00	28.12 -0.23 0.00	27.90 -0.23 0.00	26.96 -0.25 0.00	28.07 -0.31 0.00	28.04 -0.46 0.00	28.04 -0.46 0.00	27.33 -0.30 0.00	26.28 -0.35 0.00	22.35 -0.30 0.00	17.55 -0.31 2.87	18.37 -0.28 0.00

V_CMP_10_SYNC_DSASP 323788	23.55 0.46 0.00	20.78 0.23 0.00	19.93 0.12 0.00	18.53 -0.02 0.00	19.80 -0.20 0.00	23.51 -0.14 0.00	28.18 -0.28 0.00	26.85 -0.41 0.00	29.30 -0.18 0.00	28.44 0.14 0.00	28.72 0.43 0.00	28.92 0.60 0.00	28.95 0.65 0.00	28.89 0.54 0.00	28.46 0.34 0.00	27.29 0.08 0.00	28.24 -0.14 0.00	27.98 -0.51 0.00	27.93 -0.57 0.00	27.19 -0.44 0.00	26.04 -0.59 0.00	21.92 -0.73 0.00	17.03 -0.87 2.83	0.18 -0.80 17.67
V_E_10_SYNC_DSASP 323830	24.84 1.75 0.00	22.05 1.50 0.00	21.22 1.41 0.00	20.19 1.20 -0.44	21.45 1.30 -0.15	25.37 1.73 0.00	32.23 2.51 -1.26	32.34 2.32 -2.77	33.22 2.18 -1.57	32.57 1.98 -2.29	32.63 2.06 -2.27	32.80 2.07 -2.41	31.17 2.04 -0.84	31.22 2.10 -0.77	31.26 2.03 -1.11	31.57 2.07 -2.30	33.88 2.22 -3.29	39.05 2.71 -7.85	34.15 2.65 -3.00	31.65 2.29 -1.73	29.61 2.13 -0.86	25.62 1.72 -1.25	23.39 1.43 -1.23	21.51 1.27 -1.59
V_F_30_NSYNC___DSASP 323816	24.38 1.29 0.00	21.72 1.17 0.00	20.94 1.13 0.00	21.03 1.08 -1.42	21.73 1.24 -0.48	25.18 1.54 0.00	34.26 1.77 -4.03	37.91 1.75 -8.91	34.13 1.89 -2.77	34.29 1.78 -4.21	35.24 1.84 -5.11	34.31 1.90 -4.09	31.77 1.87 -1.61	31.28 1.76 -1.17	31.93 1.72 -2.10	33.69 1.69 -4.79	40.54 1.59 -10.57	55.40 1.68 -25.22	39.86 1.71 -9.65	34.77 1.57 -5.56	31.11 1.73 -2.76	27.96 1.29 -4.02	25.82 1.16 -3.93	24.79 1.04 -5.10
V_F_30_SYNC_DSASP 323786	23.69 0.60 0.00	21.17 0.62 0.00	20.43 0.61 0.00	20.52 0.59 -1.38	21.14 0.66 -0.47	24.43 0.78 0.00	33.43 1.02 -3.94	37.03 1.06 -8.71	33.30 1.12 -2.71	33.48 1.08 -4.11	34.39 1.10 -4.99	33.42 1.10 -3.99	31.00 1.13 -1.57	30.60 1.11 -1.15	31.27 1.10 -2.05	32.95 1.06 -4.68	39.76 1.05 -10.33	54.22 1.08 -24.65	39.04 1.11 -9.43	34.09 1.02 -5.43	30.30 0.99 -2.70	27.30 0.72 -3.93	25.21 0.64 -3.84	24.13 0.50 -4.98
V_XM_10_SYNC_DSASP 323789	23.55 0.46 0.00	20.78 0.23 0.00	19.93 0.12 0.00	18.53 -0.02 0.00	19.80 -0.20 0.00	23.51 -0.14 0.00	28.18 -0.28 0.00	26.85 -0.41 0.00	29.30 -0.18 0.00	28.44 0.14 0.00	28.72 0.43 0.00	28.92 0.60 0.00	28.95 0.65 0.00	28.89 0.54 0.00	28.46 0.34 0.00	27.29 0.08 0.00	28.24 -0.14 0.00	27.98 -0.51 0.00	27.93 -0.57 0.00	27.19 -0.44 0.00	26.04 -0.59 0.00	21.92 -0.73 0.00	17.03 -0.87 2.83	0.18 -0.80 17.67
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	24.25 1.15 0.00	21.60 1.05 0.00	20.80 0.99 0.00	20.55 0.95 -1.06	21.45 1.08 -0.36	24.95 1.30 0.00	33.16 1.68 -3.01	35.63 1.72 -6.66	33.39 1.86 -2.07	33.27 1.84 -3.14	33.89 1.78 -3.81	33.15 1.78 -3.05	31.30 1.81 -1.20	31.10 1.87 -0.88	31.54 1.86 -1.56	32.55 1.77 -3.57	38.30 2.01 -7.90	49.48 2.14 -18.85	37.76 2.05 -7.22	33.70 1.91 -4.16	30.47 1.78 -2.06	27.12 1.47 -3.01	25.00 1.33 -2.94	23.50 1.04 -3.81
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	24.41 1.32 0.00	21.76 1.21 0.00	20.96 1.15 0.00	20.74 1.09 -1.10	21.60 1.22 -0.38	25.09 1.44 0.00	33.54 1.94 -3.13	36.26 2.07 -6.93	33.86 2.24 -2.15	33.83 2.26 -3.27	34.44 2.18 -3.97	33.71 2.21 -3.17	31.75 2.21 -1.25	31.50 2.24 -0.91	31.97 2.22 -1.63	33.03 2.10 -3.72	38.99 2.38 -8.22	50.63 2.51 -19.62	38.40 2.39 -7.51	34.17 2.21 -4.33	30.79 2.02 -2.15	27.41 1.63 -3.13	25.26 1.47 -3.06	23.79 1.17 -3.97
W50THST__13_KV_LOAD 356117	24.52 1.43 0.00	21.84 1.29 0.00	21.04 1.23 0.00	20.81 1.17 -1.10	21.68 1.30 -0.38	25.21 1.56 0.00	33.68 2.08 -3.13	36.42 2.23 -6.93	34.04 2.42 -2.15	34.00 2.43 -3.27	34.61 2.35 -3.97	33.88 2.38 -3.17	31.92 2.38 -1.25	31.67 2.41 -0.91	32.17 2.42 -1.63	33.19 2.26 -3.72	39.16 2.55 -8.22	50.80 2.68 -19.62	38.57 2.56 -7.51	34.33 2.38 -4.33	30.93 2.16 -2.15	27.52 1.74 -3.13	25.35 1.55 -3.06	23.88 1.27 -3.97
WADING RIVER_IC_1 23522	29.51 1.15 -5.26	27.87 1.33 -5.99	27.23 1.25 -6.17	26.34 1.24 -6.55	27.93 1.26 -6.67	31.59 1.75 -6.19	33.94 2.33 -3.13	36.40 2.21 -6.93	34.82 2.33 -3.02	33.69 2.12 -3.27	34.27 2.01 -3.96	34.66 2.04 -4.30	33.93 2.04 -3.59	32.75 2.24 -2.16	33.23 2.25 -2.86	35.31 2.15 -5.96	50.50 2.41 -19.71	63.25 2.65 -32.10	49.60 2.48 -18.63	41.83 2.32 -11.88	37.64 2.18 -8.83	32.50 1.72 -8.13	28.16 1.78 -5.64	24.18 1.57 -3.97
WADING RIVER_IC_2 23547	29.51 1.15 -5.26	27.87 1.33 -5.99	27.23 1.25 -6.17	26.34 1.24 -6.55	27.93 1.26 -6.67	31.59 1.75 -6.19	33.94 2.33 -3.13	36.40 2.21 -6.93	34.82 2.33 -3.02	33.69 2.12 -3.27	34.27 2.01 -3.96	34.66 2.04 -4.30	33.93 2.04 -3.59	32.75 2.24 -2.16	33.23 2.25 -2.86	35.31 2.15 -5.96	50.50 2.41 -19.71	63.25 2.65 -32.10	49.60 2.48 -18.63	41.83 2.32 -11.88	37.64 2.18 -8.83	32.50 1.72 -8.13	28.16 1.78 -5.64	24.18 1.57 -3.97
WADING RIVER_IC_3 23601	29.51 1.15 -5.26	27.87 1.33 -5.99	27.23 1.25 -6.17	26.34 1.24 -6.55	27.93 1.26 -6.67	31.59 1.75 -6.19	33.94 2.33 -3.13	36.40 2.21 -6.93	34.82 2.33 -3.02	33.69 2.12 -3.27	34.27 2.01 -3.96	34.66 2.04 -4.30	33.93 2.04 -3.59	32.75 2.24 -2.16	33.23 2.25 -2.86	35.31 2.15 -5.96	50.50 2.41 -19.71	63.25 2.65 -32.10	49.60 2.48 -18.63	41.83 2.32 -11.88	37.64 2.18 -8.83	32.50 1.72 -8.13	28.16 1.78 -5.64	24.18 1.57 -3.97
WALDENNY_12_KV_BK2 80841	21.68 -1.41 0.00	19.42 -1.13 0.00	18.82 -0.99 0.00	17.64 -1.21 -0.30	18.88 -1.22 -0.10	22.39 -1.25 0.00	27.57 -1.79 -0.90	26.80 -2.29 -1.83	26.77 -2.51 0.20	25.78 -2.41 0.11	26.70 -2.24 -0.64	25.58 -2.35 0.39	25.86 -2.43 0.01	25.65 -2.44 0.27	25.71 -2.42 -0.01	25.39 -2.20 -0.38	28.02 -2.53 -2.17	31.62 -2.05 -5.17	28.74 -1.74 -1.98	26.59 -2.18 -1.15	25.36 -1.84 -0.57	21.87 -1.68 -0.90	20.12 -1.49 -0.88	18.59 -1.19 -1.14
WALDEN___HYDRO 24148	24.20 1.11 0.00	21.56 1.01 0.00	20.76 0.95 0.00	20.50 0.89 -1.06	21.39 1.02 -0.36	24.88 1.23 0.00	33.12 1.62 -3.03	35.62 1.66 -6.70	33.29 1.74 -2.08	33.12 1.67 -3.16	33.71 1.58 -3.83	32.97 1.59 -3.06	31.06 1.56 -1.21	30.87 1.64 -0.88	31.32 1.63 -1.57	32.35 1.55 -3.59	38.17 1.84 -7.95	49.45 1.99 -18.97	37.69 1.94 -7.26	33.61 1.80 -4.18	30.38 1.68 -2.07	27.00 1.34 -3.02	24.87 1.18 -2.96	23.43 0.95 -3.83
WARRENSBURG____ 23737	24.66 1.57 0.00	21.93 1.38 0.00	21.12 1.31 0.00	21.22 1.26 -1.42	21.95 1.46 -0.49	25.49 1.85 0.00	34.19 1.68 -4.04	37.77 1.58 -8.94	34.02 1.77 -2.78	34.16 1.64 -4.22	35.14 1.73 -5.12	34.32 1.90 -4.10	31.77 1.87 -1.61	31.09 1.56 -1.18	31.74 1.52 -2.10	33.48 1.47 -4.81	40.06 1.08 -10.60	55.01 1.22 -25.29	39.40 1.22 -9.68	34.31 1.11 -5.58	31.12 1.73 -2.77	27.90 1.22 -4.03	25.85 1.18 -3.94	24.95 1.19 -5.11
WATERSIDE___6 8 9 23538	24.45 1.36 0.00	21.80 1.25 0.00	20.98 1.17 0.00	20.78 1.13 -1.10	21.62 1.24 -0.38	25.04 1.40 0.00	33.45 1.85 -3.14	36.18 1.99 -6.94	33.80 2.18 -2.15	33.80 2.24 -3.27	34.38 2.12 -3.97	33.65 2.15 -3.17	31.72 2.18 -1.25	31.47 2.21 -0.91	31.94 2.19 -1.63	32.97 2.04 -3.72	38.96 2.36 -8.23	50.60 2.48 -19.63	38.37 2.37 -7.51	34.14 2.18 -4.33	30.74 1.97 -2.15	27.38 1.61 -3.13	25.22 1.43 -3.06	23.81 1.19 -3.97

WATKINRD_115KV_LN8_ILLION 55919	23.41 0.32 0.00	20.82 0.27 0.00	20.07 0.26 0.00	18.81 0.24 -0.03	20.27 0.26 -0.01	23.95 0.31 0.00	28.96 0.43 -0.07	27.82 0.41 -0.15	29.87 0.35 -0.05	28.74 0.37 -0.07	28.78 0.40 -0.09	28.82 0.42 -0.07	28.80 0.48 -0.03	28.88 0.51 -0.02	28.61 0.45 -0.04	27.70 0.41 -0.08	28.99 0.43 -0.18	29.41 0.48 -0.43	29.15 0.48 -0.17	28.14 0.41 -0.10	27.07 0.40 -0.05	23.14 0.43 -0.07	21.35 0.39 -0.22	19.07 0.34 -0.09
WATSON___69_KV_BK 1 55734	30.11 1.75 -5.26	28.16 1.62 -5.99	27.53 1.55 -6.17	26.58 1.48 -6.55	28.31 1.64 -6.67	31.87 2.03 -6.19	34.25 2.65 -3.13	36.86 2.67 -6.93	35.47 2.98 -3.02	34.42 2.86 -3.27	35.06 2.80 -3.96	35.43 2.80 -4.30	34.72 2.83 -3.59	33.40 2.89 -2.16	33.87 2.90 -2.86	35.94 2.78 -5.96	51.18 3.09 -19.71	63.90 3.31 -32.10	50.31 3.19 -18.63	42.47 2.96 -11.88	38.22 2.77 -8.83	32.95 2.17 -8.13	25.97 2.18 -3.06	24.44 1.83 -3.97
WDELAWARE___HYD 323627	24.36 1.27 0.00	21.70 1.15 0.00	20.90 1.09 0.00	20.54 1.02 -0.97	21.52 1.18 -0.33	25.02 1.37 0.00	33.09 1.85 -2.77	35.24 1.85 -6.13	33.19 1.86 -1.87	32.91 1.78 -2.84	33.40 1.67 -3.44	32.75 1.67 -2.75	31.02 1.64 -1.08	30.90 1.76 -0.79	31.25 1.72 -1.41	32.10 1.66 -3.23	37.56 1.90 -7.28	47.91 2.05 -17.36	37.10 1.96 -6.65	33.31 1.85 -3.83	30.20 1.68 -1.90	26.88 1.47 -2.77	24.72 1.29 -2.71	23.20 1.04 -3.51
WEST BABYLON___IC 23714	30.11 1.75 -5.26	28.16 1.62 -5.99	27.51 1.53 -6.17	26.56 1.46 -6.55	28.29 1.62 -6.67	31.83 1.99 -6.19	34.19 2.59 -3.13	36.80 2.62 -6.93	35.41 2.92 -3.02	34.39 2.83 -3.27	35.03 2.77 -3.96	35.40 2.78 -4.30	34.69 2.80 -3.59	33.37 2.86 -2.16	33.82 2.84 -2.86	35.89 2.72 -5.96	51.12 3.04 -19.71	63.82 3.22 -32.10	50.26 3.13 -18.63	42.41 2.90 -11.88	38.20 2.74 -8.83	32.93 2.15 -8.13	25.93 2.14 -3.06	24.40 1.79 -3.97
WEST CANADA___HYD 24049	23.16 0.07 0.00	20.61 0.06 0.00	19.87 0.06 0.00	18.63 0.06 -0.03	20.07 0.06 -0.01	23.72 0.07 0.00	28.68 0.14 -0.07	27.55 0.14 -0.15	29.64 0.12 -0.05	28.48 0.11 -0.07	28.50 0.11 -0.09	28.51 0.11 -0.07	28.46 0.14 -0.03	28.51 0.14 -0.02	28.30 0.14 -0.04	27.43 0.14 -0.08	28.70 0.14 -0.18	29.10 0.17 -0.43	28.83 0.17 -0.17	27.87 0.14 -0.10	26.80 0.13 -0.05	22.84 0.11 -0.08	21.07 0.10 -0.24	18.84 0.09 -0.10
WESTERN_NY_WIND 24143	21.98 -1.11 0.00	19.65 -0.90 0.00	19.02 -0.79 0.00	17.99 -0.83 -0.28	19.30 -0.80 -0.10	22.70 -0.95 0.00	28.12 -1.20 -0.85	27.34 -1.69 -1.77	27.27 -2.00 0.19	26.23 -1.98 0.09	27.25 -1.70 -0.65	25.97 -1.98 0.37	26.20 -2.09 0.00	26.01 -2.07 0.27	26.09 -2.05 -0.02	25.65 -1.96 -0.40	28.50 -1.99 -2.10	32.08 -1.42 -5.01	29.25 -1.17 -1.92	27.11 -1.63 -1.11	25.84 -1.33 -0.55	22.25 -1.25 -0.85	20.46 -1.10 -0.83	18.92 -0.80 -1.07
WESTOVER___LESR 323668	23.11 0.02 0.00	20.61 0.06 0.00	19.89 0.08 0.00	18.97 -0.04 -0.46	20.16 0.00 -0.16	23.76 0.12 0.00	29.93 0.14 -1.32	30.13 -0.03 -2.90	30.20 -0.21 -0.94	29.52 -0.20 -1.43	29.83 -0.20 -1.73	29.54 -0.17 -1.38	28.61 -0.23 -0.54	28.55 -0.20 -0.40	28.63 -0.20 -0.71	28.72 -0.11 -1.62	31.76 -0.06 -3.44	36.88 0.17 -8.21	31.84 0.20 -3.14	29.42 -0.03 -1.81	27.55 0.03 -0.90	23.97 0.00 -1.32	22.02 0.00 -1.29	20.32 0.00 -1.67
WETHRSFD_WT_PWR 323626	21.80 -1.29 0.00	19.50 -1.05 0.00	18.86 -0.95 0.00	17.74 -1.13 -0.32	18.97 -1.14 -0.11	22.51 -1.13 0.00	27.84 -1.59 -0.96	27.38 -1.88 -2.01	26.93 -2.24 0.30	25.78 -2.24 0.28	26.53 -2.29 -0.52	25.53 -2.21 0.58	25.92 -2.32 0.05	25.73 -2.30 0.32	25.71 -2.33 0.08	25.35 -2.09 -0.23	28.54 -2.21 -2.38	32.31 -1.85 -5.67	29.16 -1.51 -2.17	26.98 -1.91 -1.25	25.62 -1.62 -0.62	22.08 -1.52 -0.96	20.30 -1.37 -0.93	18.74 -1.12 -1.21
WHAVSTOR_138KV_BK127 55557	24.18 1.09 0.00	21.54 0.99 0.00	20.72 0.91 0.00	20.49 0.89 -1.06	21.37 1.00 -0.36	24.85 1.21 0.00	33.05 1.57 -3.02	35.53 1.61 -6.67	33.28 1.74 -2.07	33.16 1.73 -3.14	33.78 1.67 -3.81	33.05 1.67 -3.05	31.22 1.73 -1.20	31.01 1.79 -0.88	31.46 1.77 -1.56	32.45 1.66 -3.58	38.16 1.87 -7.91	49.37 1.99 -18.88	37.66 1.94 -7.23	33.59 1.80 -4.16	30.37 1.68 -2.06	27.04 1.38 -3.01	24.94 1.26 -2.94	23.47 1.01 -3.82
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	24.18 1.09 0.00	21.54 0.99 0.00	20.72 0.91 0.00	20.49 0.89 -1.06	21.37 1.00 -0.36	24.85 1.21 0.00	33.05 1.57 -3.02	35.53 1.61 -6.67	33.28 1.74 -2.07	33.16 1.73 -3.14	33.78 1.67 -3.81	33.05 1.67 -3.05	31.22 1.73 -1.20	31.01 1.79 -0.88	31.46 1.77 -1.56	32.45 1.66 -3.58	38.16 1.87 -7.91	49.37 1.99 -18.88	37.66 1.94 -7.23	33.59 1.80 -4.16	30.37 1.68 -2.06	27.04 1.38 -3.01	24.94 1.26 -2.94	23.47 1.01 -3.82
WHITEHAL_115KV_TB1 80871	25.03 1.94 0.00	22.25 1.71 0.00	21.42 1.60 0.00	21.50 1.54 -1.42	22.31 1.82 -0.49	25.94 2.29 0.00	34.89 2.39 -4.03	38.47 2.29 -8.92	34.87 2.62 -2.77	34.94 2.43 -4.22	35.95 2.55 -5.11	35.10 2.69 -4.09	32.54 2.63 -1.61	31.82 2.30 -1.18	32.44 2.22 -2.10	34.21 2.20 -4.80	40.75 1.79 -10.58	55.77 2.02 -25.26	40.19 2.02 -9.67	35.02 1.82 -5.57	31.73 2.34 -2.76	28.33 1.65 -4.03	26.14 1.47 -3.94	25.15 1.40 -5.11
WHITEPLN_13_KV_LOAD 356215	24.48 1.39 0.00	21.80 1.25 0.00	20.98 1.17 0.00	20.77 1.13 -1.10	21.66 1.28 -0.38	25.25 1.61 0.00	33.70 2.11 -3.13	36.38 2.21 -6.92	33.89 2.27 -2.15	33.82 2.26 -3.26	34.46 2.21 -3.96	33.70 2.21 -3.17	31.72 2.18 -1.25	31.47 2.21 -0.91	31.94 2.19 -1.62	32.99 2.07 -3.71	38.94 2.36 -8.21	50.58 2.51 -19.58	38.35 2.37 -7.49	34.13 2.18 -4.32	30.79 2.02 -2.14	27.49 1.72 -3.12	25.32 1.53 -3.05	23.86 1.25 -3.96
WM_FLOYD_69_KV_BK2 356380	29.74 1.39 -5.26	27.97 1.44 -5.99	27.33 1.35 -6.17	26.41 1.32 -6.55	28.13 1.46 -6.67	31.64 1.80 -6.19	34.05 2.45 -3.13	36.53 2.34 -6.93	35.03 2.53 -3.02	33.97 2.41 -3.27	34.55 2.29 -3.96	34.92 2.29 -4.30	34.21 2.32 -3.59	32.98 2.47 -2.16	33.48 2.50 -2.86	35.56 2.39 -5.96	50.75 2.67 -19.71	63.48 2.88 -32.10	49.86 2.74 -18.63	42.05 2.54 -11.88	37.85 2.40 -8.83	32.66 1.88 -8.13	25.72 1.93 -3.06	24.27 1.66 -3.97
WOODARD___115KV_TB2 355635	22.84 -0.25 0.00	20.34 -0.21 0.00	19.61 -0.20 0.00	18.57 -0.19 -0.21	19.90 -0.18 -0.07	23.41 -0.24 0.00	28.83 -0.26 -0.62	28.25 -0.38 -1.38	29.40 -0.50 -0.43	28.44 -0.51 -0.66	28.67 -0.42 -0.80	28.51 -0.45 -0.64	28.06 -0.48 -0.25	28.05 -0.48 -0.18	27.97 -0.48 -0.33	27.52 -0.44 -0.75	29.56 -0.45 -1.64	32.08 -0.31 -3.90	29.65 -0.34 -1.49	28.05 -0.44 -0.86	26.65 -0.40 -0.43	23.02 -0.25 -0.62	21.13 -0.21 -0.61	19.30 -0.13 -0.79
YORK___WARBASSE 23770	24.55 1.45 0.00	21.89 1.34 0.00	21.06 1.25 0.00	20.83 1.19 -1.10	21.68 1.30 -0.38	25.09 1.44 0.00	33.51 1.91 -3.14	36.21 2.02 -6.94	33.86 2.24 -2.15	33.86 2.29 -3.27	34.41 2.15 -3.97	33.73 2.24 -3.17	31.81 2.26 -1.25	31.56 2.30 -0.91	32.03 2.28 -1.63	33.05 2.12 -3.72	39.05 2.44 -8.23	50.72 2.59 -19.63	38.46 2.45 -7.51	34.23 2.27 -4.33	30.85 2.08 -2.15	27.45 1.68 -3.13	25.28 1.49 -3.06	23.88 1.27 -3.97