

Day Ahead Market Generator LBMP

Generator Data		--- LBMP \$																			--- Marginal Cost of Losses																			--- Marginal Cost of Congestion																			05/18/2025	
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	30.96	25.29	21.98	21.88	21.20	21.96	22.07	20.81	22.20	23.63	24.95	25.73	26.94	26.91	28.75	29.98	32.08	38.32	40.54	43.45	43.33	35.13	31.16	28.98																																			
		1.71	1.37	1.19	1.19	1.02	0.58	0.87	0.98	0.92	1.02	1.02	1.20	1.40	1.02	1.24	1.34	1.52	2.00	1.97	2.17	2.19	2.22	2.41	1.40																																			
		-12.81	-9.94	-8.02	-7.72	-9.02	-14.37	-11.00	-9.63	-11.78	-12.19	-13.29	-11.58	-10.64	-15.38	-14.57	-14.49	-14.18	-15.24	-17.60	-17.95	-17.03	-7.64	0.00	-9.40																																			
74TH STREET_GT_1	24260	30.94	25.31	21.99	21.88	21.21	21.97	22.08	20.82	22.99	25.36	26.83	27.75	27.46	27.47	29.60	29.97	32.08	38.32	40.54	43.45	43.33	35.13	31.16	28.98																																			
		1.68	1.38	1.20	1.19	1.03	0.58	0.88	0.97	0.91	1.01	1.01	1.19	1.39	1.01	1.24	1.33	1.52	2.00	1.97	2.17	2.19	2.22	2.41	1.40																																			
		-12.82	-9.94	-8.02	-7.72	-9.03	-14.37	-11.00	-9.65	-12.58	-13.93	-15.18	-13.61	-11.18	-15.94	-15.42	-14.49	-14.18	-15.24	-17.60	-17.95	-17.03	-7.64	0.00	-9.41																																			
74TH STREET_GT_2	24261	30.94	25.31	21.99	21.88	21.21	21.97	22.08	20.82	22.99	25.36	26.83	27.75	27.46	27.47	29.60	29.97	32.08	38.32	40.54	43.45	43.33	35.13	31.16	28.98																																			
		1.68	1.38	1.20	1.19	1.03	0.58	0.88	0.97	0.91	1.01	1.01	1.19	1.39	1.01	1.24	1.33	1.52	2.00	1.97	2.17	2.19	2.22	2.41	1.40																																			
		-12.82	-9.94	-8.02	-7.72	-9.03	-14.37	-11.00	-9.65	-12.58	-13.93	-15.18	-13.61	-11.18	-15.94	-15.42	-14.49	-14.18	-15.24	-17.60	-17.95	-17.03	-7.64	0.00	-9.41																																			
ADK HUDSON___FALLS	24011	34.13	27.77	23.94	23.77	23.60	26.16	25.05	23.22	23.62	23.10	24.47	24.35	28.35	29.90	30.83	33.83	35.75	42.14	45.15	48.18	47.83	36.70	30.27	31.39																																			
		0.90	0.76	0.65	0.69	0.60	0.33	0.45	0.44	0.41	0.45	0.48	0.58	0.67	0.47	0.65	0.74	0.84	1.12	1.13	1.38	1.45	1.44	1.52	0.91																																			
		-16.79	-13.03	-10.51	-10.12	-11.83	-18.81	-14.40	-12.57	-13.70	-12.22	-13.35	-10.82	-12.79	-18.91	-17.25	-18.95	-18.55	-19.95	-23.04	-23.47	-22.27	-10.00	0.00	-12.31																																			
ADK RESOURCE___RCVRY	23798	34.21	27.83	23.97	23.80	23.66	26.22	25.12	23.27	23.64	23.13	24.50	24.38	28.39	29.94	30.88	33.89	35.81	42.27	45.32	48.36	47.96	36.83	30.41	31.55																																			
		0.97	0.81	0.68	0.71	0.64	0.35	0.48	0.47	0.43	0.47	0.50	0.61	0.70	0.50	0.69	0.78	0.88	1.20	1.26	1.54	1.57	1.57	1.67	1.04																																			
		-16.80	-13.03	-10.52	-10.13	-11.86	-18.85	-14.43	-12.60	-13.71	-12.23	-13.36	-10.83	-12.79	-18.92	-17.25	-18.96	-18.55	-19.99	-23.09	-23.49	-22.28	-10.00	0.00	-12.34																																			
ADK S GLENS___FALLS	24028	34.13	27.77	23.94	23.77	23.60	26.16	25.05	23.22	23.62	23.10	24.47	24.35	28.35	29.90	30.83	33.83	35.75	42.14	45.15	48.18	47.83	36.70	30.27	31.39																																			
		0.90	0.76	0.65	0.69	0.60	0.33	0.45	0.44	0.41	0.45	0.48	0.58	0.67	0.47	0.65	0.74	0.84	1.12	1.13	1.38	1.45	1.44	1.52	0.91																																			
		-16.79	-13.03	-10.51	-10.12	-11.83	-18.81	-14.40	-12.57	-13.70	-12.22	-13.35	-10.82	-12.79	-18.91	-17.25	-18.95	-18.55	-19.95	-23.04	-23.47	-22.27	-10.00	0.00	-12.31																																			
ADK_NYS___DAM	23527	33.68	27.44	23.70	23.51	23.31	25.72	24.75	22.96	23.31	22.85	24.17	24.11	28.03	29.42	30.30	33.25	35.24	41.57	44.52	47.45	47.08	36.25	30.09	31.09																																			
		0.87	0.75	0.68	0.67	0.59	0.33	0.48	0.48	0.45	0.50	0.51	0.61	0.67	0.46	0.54	0.62	0.79	1.01	1.05	1.24	1.25	1.24	1.35	0.89																																			
		-16.37	-12.70	-10.25	-9.87	-11.56	-18.37	-14.07	-12.28	-13.36	-11.92	-13.02	-10.55	-12.47	-18.44	-16.82	-18.48	-18.08	-19.48	-22.51	-22.89	-21.72	-9.75	0.00	-12.03																																			
AIR_PRODUCTS___DRP	24190	33.02	26.92	23.32	23.14	22.94	25.41	24.38	22.53	22.92	22.42	23.74	23.62	27.50	28.99	29.84	32.73	34.58	40.65	43.56	46.41	46.01	35.33	29.15	30.38																																			
		0.31	0.31	0.36	0.36	0.31	0.15	0.21	0.14	0.13	0.15	0.16	0.18	0.21	0.15	0.18	0.21	0.23	0.23	0.25	0.33	0.31	0.38	0.40	0.27																																			
		-16.27	-12.62	-10.19	-9.81	-11.47	-18.23	-13.96	-12.19	-13.28	-11.85	-12.94	-10.49	-12.39	-18.33	-16.72	-18.37	-17.98	-19.33	-22.34	-22.76	-21.59	-9.69	0.00	-11.93																																			
AKWESSNE_115KV_BK	355683	16.08	13.70	12.53	12.73	10.94	6.89	10.03	10.04	9.36	10.24	10.45	12.77	14.70	10.35	12.72	13.88	16.09	20.66	20.53	22.70	23.48	24.73	28.20	17.79																																			
		-0.36	-0.28	-0.24	-0.23	-0.22	-0.13	-0.17	-0.16	-0.14	-0.19	-0.19	-0.18	-0.19	-0.17	-0.22	-0.27	-0.28	-0.42	-0.44	-0.63	-0.63	-0.53	-0.55	-0.38																																			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00																																			
ALBANY_1_SOLAR	323833	32.65	26.63	23.04	22.88	22.64	24.85	23.97	22.18	22.50	22.04	23.33	23.31	27.13	28.40	29.34	32.18	34.07	40.20	43.05	45.88	45.57	35.28	29.60	30.19																																			
		0.51	0.46	0.43	0.45	0.39	0.20	0.26	0.19	0.17	0.18	0.19	0.23	0.27	0.19	0.26	0.30	0.34	0.42	0.48	0.58	0.63	0.66	0.86	0.47																																			
		-15.70	-12.18	-9.83	-9.47	-11.09	-17.63	-13.50	-11.78	-12.83	-11.44	-12.50	-10.12	-11.97	-17.70	-16.14	-17.73	-17.35	-18.70	-21.60	-21.97	-20.84	-9.35	0.00	-11.54																																			
ALBANY_2_SOLAR	323834	32.66	26.62	23.04	22.89	22.64	24.85	23.97	22.18	22.50	22.04	23.33	23.31	27.12	28.41	29.34	32.18	34.06	40.20	43.06	45.88	45.56	35.28	29.60	30.19																																			
		0.51	0.45	0.43	0.45	0.39	0.20	0.26	0.19	0.17	0.18	0.19	0.23	0.25	0.19	0.26	0.30	0.33	0.42	0.48	0.58	0.60	0.66	0.86	0.47																																			
		-15.71	-12.19	-9.83	-9.47	-11.09	-17.64	-13.50	-11.79	-12.83	-11.44	-12.50	-10.13	-11.97	-17.70	-16.14	-17.74	-17.36	-18.70	-21.60	-21.97	-20.84	-9.36	0.00	-11.54																																			
ALBANY___1	23571	33.02	26.92	23.32	23.14	22.94	25.41	24.38	22.53	22.92	22.42	23.74	23.62	27.50	28.99	29.84	32.73	34.58	40.65	43.56	46.41	46.01	35.33	29.15	30.38																																			
		0.31	0.31	0.36	0.36	0.31	0.15	0.21	0.14	0.13	0.15	0.16	0.18	0.21	0.15	0.18	0.21	0.23	0.23	0.25	0.33	0.31	0.38	0.40	0.27																																			
		-16.27	-12.62	-10.19	-9.81	-11.47	-18.23	-13.96	-12.19	-13.28	-11.85	-12.94	-10.49	-12.39	-18.33	-16.72	-18.37	-17.98	-19.33	-22.34	-22.76	-21.59	-9.69	0.00	-11.93																																			

ALBANY___2 23572	33.02 0.31 -16.27	26.92 0.31 -12.62	23.32 0.36 -10.19	23.14 0.36 -9.81	22.94 0.31 -11.47	25.41 0.15 -18.23	24.38 0.21 -13.96	22.53 0.14 -12.19	22.92 0.13 -13.28	22.42 0.15 -11.85	23.74 0.16 -12.94	23.62 0.18 -10.49	27.50 0.21 -12.39	28.99 0.15 -18.33	29.84 0.18 -16.72	32.73 0.21 -18.37	34.58 0.23 -17.98	40.65 0.23 -19.33	43.56 0.25 -22.34	46.41 0.33 -22.76	46.01 0.31 -21.59	35.33 0.38 -9.69	29.15 0.40 0.00	30.38 0.27 -11.93
ALBANY___3 23573	33.02 0.31 -16.27	26.92 0.31 -12.62	23.32 0.36 -10.19	23.14 0.36 -9.81	22.94 0.31 -11.47	25.41 0.15 -18.23	24.38 0.21 -13.96	22.53 0.14 -12.19	22.92 0.13 -13.28	22.42 0.15 -11.85	23.74 0.16 -12.94	23.62 0.18 -10.49	27.50 0.21 -12.39	28.99 0.15 -18.33	29.84 0.18 -16.72	32.73 0.21 -18.37	34.58 0.23 -17.98	40.65 0.23 -19.33	43.56 0.25 -22.34	46.41 0.33 -22.76	46.01 0.31 -21.59	35.33 0.38 -9.69	29.15 0.40 0.00	30.38 0.27 -11.93
ALBANY___4 23574	33.02 0.31 -16.27	26.92 0.31 -12.62	23.32 0.36 -10.19	23.14 0.36 -9.81	22.94 0.31 -11.47	25.41 0.15 -18.23	24.38 0.21 -13.96	22.53 0.14 -12.19	22.92 0.13 -13.28	22.42 0.15 -11.85	23.74 0.16 -12.94	23.62 0.18 -10.49	27.50 0.21 -12.39	28.99 0.15 -18.33	29.84 0.18 -16.72	32.73 0.21 -18.37	34.58 0.23 -17.98	40.65 0.23 -19.33	43.56 0.25 -22.34	46.41 0.33 -22.76	46.01 0.31 -21.59	35.33 0.38 -9.69	29.15 0.40 0.00	30.38 0.27 -11.93
ALBANY___LFGE 323615	33.32 0.46 -16.42	27.14 0.42 -12.74	23.49 0.43 -10.28	23.32 0.45 -9.90	23.14 0.39 -11.59	25.65 0.20 -18.43	24.60 0.29 -14.11	22.74 0.21 -12.32	23.11 0.20 -13.41	22.61 0.23 -11.96	23.94 0.24 -13.06	23.82 0.28 -10.58	27.73 0.33 -12.51	29.25 0.24 -18.50	30.11 0.30 -16.87	33.02 0.34 -18.53	34.89 0.38 -18.14	41.04 0.42 -19.54	43.99 0.44 -22.58	46.83 0.54 -22.96	46.42 0.53 -21.78	35.65 0.61 -9.78	29.40 0.66 0.00	30.65 0.42 -12.06
ALCOA_PA_115KV_PL-6C 55860	16.06 -0.38 0.00	13.69 -0.29 0.00	12.52 -0.26 0.00	12.72 -0.25 0.00	10.93 -0.23 0.00	6.88 -0.13 0.00	10.03 -0.17 0.00	10.03 -0.17 0.00	9.35 -0.15 0.00	10.22 -0.21 0.00	10.44 -0.20 0.00	12.75 -0.19 0.00	14.67 -0.22 0.00	10.33 -0.19 0.00	12.69 -0.25 0.00	13.85 -0.30 0.00	16.06 -0.31 0.00	20.61 -0.46 0.00	20.49 -0.48 0.00	22.68 -0.65 0.00	23.46 -0.65 0.00	24.71 -0.56 0.00	28.17 -0.57 0.00	17.77 -0.40 0.00
ALCOA_RYNLDS___DRP 24188	16.06 -0.38 0.00	13.69 -0.29 0.00	12.52 -0.26 0.00	12.72 -0.25 0.00	10.93 -0.23 0.00	6.88 -0.13 0.00	10.03 -0.17 0.00	10.03 -0.17 0.00	9.35 -0.15 0.00	10.22 -0.21 0.00	10.44 -0.20 0.00	12.75 -0.19 0.00	14.67 -0.22 0.00	10.33 -0.19 0.00	12.69 -0.25 0.00	13.85 -0.30 0.00	16.06 -0.31 0.00	20.61 -0.46 0.00	20.49 -0.48 0.00	22.68 -0.65 0.00	23.46 -0.65 0.00	24.71 -0.56 0.00	28.17 -0.57 0.00	17.77 -0.40 0.00
ALCOA___DSASP 323711	16.06 -0.38 0.00	13.69 -0.29 0.00	12.52 -0.26 0.00	12.72 -0.25 0.00	10.93 -0.23 0.00	6.88 -0.13 0.00	10.03 -0.17 0.00	10.03 -0.17 0.00	9.35 -0.15 0.00	10.22 -0.21 0.00	10.44 -0.20 0.00	12.75 -0.19 0.00	14.67 -0.22 0.00	10.33 -0.19 0.00	12.69 -0.25 0.00	13.85 -0.30 0.00	16.06 -0.31 0.00	20.59 -0.48 0.00	20.49 -0.48 0.00	22.68 -0.65 0.00	23.48 -0.63 0.00	24.71 -0.56 0.00	28.17 -0.57 0.00	17.77 -0.40 0.00
ALLEGHENY___COGEN 23514	18.54 -0.18 -2.28	15.54 -0.21 -1.77	14.03 -0.17 -1.43	14.15 -0.18 -1.37	12.63 -0.16 -1.63	9.68 -0.13 -2.80	12.13 -0.21 -2.14	11.77 -0.31 -1.87	11.16 -0.39 -2.04	11.75 -0.50 -1.82	12.04 -0.60 -1.99	13.67 -0.89 -1.61	24.46 -1.10 -10.67	12.60 -0.74 -2.82	14.67 -0.84 -2.57	17.75 -0.85 -4.44	24.47 -0.97 -9.06	37.49 -1.03 -17.44	23.79 -0.61 -3.43	26.84 0.02 -3.48	27.51 0.10 -3.31	26.47 -0.28 -1.48	28.25 -0.49 0.00	19.93 -0.07 -1.83
ALTAMONT_115KV_TB 2 55880	33.17 0.51 -16.22	27.00 0.43 -12.58	23.34 0.41 -10.15	23.16 0.41 -9.78	22.96 0.37 -11.43	25.38 0.19 -18.18	24.38 0.27 -13.91	22.60 0.24 -12.15	22.97 0.23 -13.24	22.49 0.25 -11.81	23.79 0.26 -12.90	23.70 0.30 -10.45	27.59 0.34 -12.35	29.04 0.25 -18.27	29.91 0.31 -16.66	32.80 0.34 -18.31	34.69 0.39 -17.92	40.84 0.48 -19.27	43.76 0.52 -22.26	46.62 0.61 -22.68	46.25 0.63 -21.52	35.56 0.63 -9.66	29.46 0.72 0.00	30.52 0.45 -11.90
ALTONA_WT_PWR 323606	15.85 -0.59 0.00	13.54 -0.45 0.00	12.42 -0.36 0.00	12.64 -0.32 0.00	10.88 -0.28 0.00	6.87 -0.15 0.00	10.03 -0.17 0.00	10.05 -0.15 0.00	9.38 -0.12 0.00	10.26 -0.17 0.00	10.48 -0.16 0.00	12.81 -0.14 0.00	14.73 -0.16 0.00	10.37 -0.15 0.00	12.75 -0.19 0.00	13.88 -0.27 0.00	16.05 -0.33 0.00	20.49 -0.59 0.00	20.30 -0.67 0.00	22.42 -0.91 0.00	23.14 -0.97 0.00	24.33 -0.93 0.00	27.71 -1.03 0.00	17.50 -0.67 0.00
AMERICAN_REF_FUEL 24010	17.02 -1.45 -2.03	14.34 -1.22 -1.58	13.01 -1.03 -1.27	13.12 -1.06 -1.22	11.71 -0.88 -1.43	8.94 -0.56 -2.49	11.25 -0.86 -1.90	10.89 -0.98 -1.66	10.40 -0.89 -1.79	11.08 -0.94 -1.60	11.38 -1.00 -1.74	12.94 -1.42 -1.41	13.01 -1.42 0.47	11.89 -1.09 -2.47	13.85 -1.35 -2.25	14.87 -1.36 -2.08	15.81 -1.52 -0.96	18.42 -1.90 0.76	21.85 -2.16 -3.04	24.44 -1.98 -3.10	24.85 -2.19 -2.94	23.88 -2.70 -1.32	25.78 -2.96 0.00	18.42 -1.38 -1.63
ARKWRIGHT___SUMMIT_WT_PWR 323751	17.25 -1.50 -2.31	14.50 -1.27 -1.79	13.08 -1.14 -1.44	13.19 -1.17 -1.39	11.82 -0.98 -1.64	9.22 -0.62 -2.82	11.42 -0.94 -2.16	11.08 -1.01 -1.88	10.64 -0.91 -2.04	11.26 -0.99 -1.82	11.61 -1.02 -1.99	13.12 -1.44 -1.61	13.07 -1.67 0.15	12.23 -1.10 -2.82	14.17 -1.35 -2.57	15.18 -1.41 -2.44	16.02 -1.67 -1.31	18.66 -2.06 0.36	22.56 -1.87 -3.45	25.28 -1.56 -3.51	25.90 -1.54 -3.33	24.87 -1.90 -1.50	27.08 -1.67 0.00	19.27 -0.75 -1.85
ARTHUR KILL_GT_1 23520	31.07 1.81 -12.82	25.46 1.52 -9.95	22.15 1.35 -8.02	22.04 1.35 -7.73	21.35 1.16 -9.03	22.02 0.63 -14.37	22.14 0.94 -11.00	20.83 0.98 -9.65	22.54 0.83 -12.21	24.46 0.93 -13.11	25.86 0.93 -14.30	26.71 1.10 -12.66	27.11 1.28 -10.93	27.14 0.94 -15.68	33.00 1.15 -18.90	30.04 1.37 -14.51	32.13 1.56 -14.21	38.24 1.90 -15.26	40.50 1.89 -17.65	43.35 2.08 -17.95	43.26 2.12 -17.03	35.29 2.37 -7.65	31.40 2.64 -0.01	29.12 1.54 -9.41
ARTHUR_KILL_2 23512	31.03 1.76 -12.83	25.42 1.48 -9.95	22.12 1.32 -8.03	22.01 1.32 -7.73	21.35 1.14 -9.05	22.04 0.62 -14.41	22.14 0.91 -11.03	20.83 0.95 -9.67	22.52 0.81 -12.21	24.44 0.91 -13.11	25.84 0.90 -14.30	26.68 1.07 -12.66	27.08 1.25 -10.94	27.11 0.91 -15.68	32.97 1.13 -18.90	29.98 1.32 -14.51	32.08 1.51 -14.20	38.21 1.83 -15.30	40.51 1.85 -17.69	43.31 2.03 -17.95	43.31 2.17 -17.03	35.27 2.35 -7.65	31.25 2.50 -0.01	29.09 1.49 -9.43
ARTHUR_KILL_3 23513	30.79 1.53 -12.82	25.17 1.24 -9.94	21.87 1.07 -8.02	21.75 1.06 -7.72	21.13 0.92 -9.05	21.94 0.51 -14.41	22.02 0.79 -11.03	20.76 0.89 -9.67	22.55 0.85 -12.20	24.47 0.94 -13.10	25.85 0.93 -14.29	26.70 1.10 -12.65	27.10 1.28 -10.93	27.12 0.93 -15.68	32.98 1.14 -18.90	29.88 1.23 -14.50	31.94 1.38 -14.19	38.23 1.86 -15.29	40.50 1.85 -17.68	43.31 2.03 -17.95	43.21 2.07 -17.03	34.93 2.02 -7.64	30.84 2.10 0.00	28.82 1.22 -9.43

ARTHUR_KILL_COGEN 323718	31.07 1.81 -12.83	25.46 1.52 -9.95	22.16 1.35 -8.03	22.05 1.36 -7.73	21.38 1.16 -9.05	22.06 0.63 -14.41	22.17 0.94 -11.03	20.86 0.98 -9.67	22.54 0.83 -12.21	24.46 0.93 -13.11	25.86 0.93 -14.30	26.71 1.10 -12.66	27.13 1.30 -10.94	27.15 0.95 -15.68	33.00 1.15 -18.90	30.01 1.34 -14.51	32.13 1.56 -14.20	38.28 1.90 -15.30	40.57 1.91 -17.69	43.38 2.10 -17.95	43.38 2.24 -17.03	35.34 2.43 -7.65	31.34 2.59 -0.01	29.15 1.54 -9.43
ASHOKAN____ 23654	31.30 0.49 -14.36	25.53 0.41 -11.15	22.02 0.26 -8.99	21.92 0.30 -8.66	21.57 0.26 -10.15	23.25 0.09 -16.14	22.69 0.13 -12.36	21.16 0.16 -10.79	21.40 0.15 -11.74	21.05 0.16 -10.47	22.16 0.08 -11.44	22.31 0.09 -9.27	26.00 0.15 -10.96	26.83 0.12 -16.20	27.87 0.16 -14.78	30.54 0.16 -16.23	32.49 0.23 -15.89	38.62 0.42 -17.12	41.27 0.52 -19.77	44.05 0.61 -20.11	43.86 0.67 -19.08	34.41 0.58 -8.56	30.58 1.84 0.00	28.88 0.14 -10.57
ASTORIA_EAST_ENERGY_CC1 323581	30.80 1.54 -12.81	25.15 1.23 -9.94	21.88 1.09 -8.02	21.75 1.08 -7.71	21.13 0.93 -9.05	21.92 0.51 -14.40	22.01 0.79 -11.02	20.81 0.95 -9.66	22.57 0.87 -12.20	24.52 0.98 -13.11	25.89 0.97 -14.28	26.73 1.14 -12.64	27.14 1.33 -10.92	27.15 0.97 -15.67	29.12 1.18 -15.01	29.92 1.29 -14.48	31.93 1.39 -14.17	38.22 1.88 -15.27	40.52 1.91 -17.64	43.25 1.98 -17.94	43.08 1.95 -17.02	34.82 1.92 -7.64	30.72 1.98 0.01	28.74 1.15 -9.42
ASTORIA_EAST_ENERGY_CC2 323582	30.80 1.54 -12.81	25.15 1.23 -9.94	21.88 1.09 -8.02	21.75 1.08 -7.71	21.12 0.92 -9.05	21.92 0.51 -14.40	22.01 0.79 -11.02	20.81 0.95 -9.66	22.57 0.87 -12.20	24.52 0.98 -13.11	25.89 0.97 -14.28	26.73 1.14 -12.64	27.14 1.33 -10.92	27.15 0.97 -15.67	29.12 1.18 -15.01	29.92 1.29 -14.48	31.93 1.39 -14.17	38.22 1.88 -15.27	40.52 1.91 -17.64	43.25 1.98 -17.94	43.08 1.95 -17.02	34.82 1.92 -7.64	30.72 1.98 0.01	28.74 1.15 -9.42
ASTORIA_GT2_1 24094	30.81 1.55 -12.82	25.17 1.24 -9.94	21.89 1.10 -8.02	21.76 1.08 -7.72	21.11 0.93 -9.03	21.89 0.51 -14.37	21.99 0.79 -11.00	20.79 0.95 -9.63	22.57 0.87 -12.19	24.51 0.98 -13.11	25.89 0.97 -14.28	26.73 1.14 -12.64	27.14 1.33 -10.92	27.15 0.97 -15.67	29.14 1.19 -15.01	29.91 1.27 -14.49	31.95 1.39 -14.18	38.17 1.85 -15.24	40.31 1.74 -17.60	43.12 1.84 -17.95	43.02 1.88 -17.03	34.78 1.87 -7.64	30.78 2.04 0.00	28.74 1.16 -9.41
ASTORIA_GT2_2 24095	30.81 1.55 -12.82	25.17 1.24 -9.94	21.89 1.10 -8.02	21.76 1.08 -7.72	21.11 0.93 -9.03	21.89 0.51 -14.37	21.99 0.79 -11.00	20.79 0.95 -9.63	22.57 0.87 -12.19	24.51 0.98 -13.11	25.89 0.97 -14.28	26.73 1.14 -12.64	27.14 1.33 -10.92	27.15 0.97 -15.67	29.14 1.19 -15.01	29.91 1.27 -14.49	31.95 1.39 -14.18	38.17 1.85 -15.24	40.31 1.74 -17.60	43.12 1.84 -17.95	43.02 1.88 -17.03	34.78 1.87 -7.64	30.78 2.04 0.00	28.74 1.16 -9.41
ASTORIA_GT2_3 24096	30.81 1.55 -12.82	25.17 1.24 -9.94	21.89 1.10 -8.02	21.76 1.08 -7.72	21.11 0.93 -9.03	21.89 0.51 -14.37	21.99 0.79 -11.00	20.79 0.95 -9.63	22.57 0.87 -12.19	24.51 0.98 -13.11	25.89 0.97 -14.28	26.73 1.14 -12.64	27.14 1.33 -10.92	27.15 0.97 -15.67	29.14 1.19 -15.01	29.91 1.27 -14.49	31.95 1.39 -14.18	38.17 1.85 -15.24	40.31 1.74 -17.60	43.12 1.84 -17.95	43.02 1.88 -17.03	34.78 1.87 -7.64	30.78 2.04 0.00	28.74 1.16 -9.41
ASTORIA_GT2_4 24097	30.81 1.55 -12.82	25.17 1.24 -9.94	21.89 1.10 -8.02	21.76 1.08 -7.72	21.11 0.93 -9.03	21.89 0.51 -14.37	21.99 0.79 -11.00	20.79 0.95 -9.63	22.57 0.87 -12.19	24.51 0.98 -13.11	25.89 0.97 -14.28	26.73 1.14 -12.64	27.14 1.33 -10.92	27.15 0.97 -15.67	29.14 1.19 -15.01	29.91 1.27 -14.49	31.95 1.39 -14.18	38.17 1.85 -15.24	40.31 1.74 -17.60	43.12 1.84 -17.95	43.02 1.88 -17.03	34.78 1.87 -7.64	30.78 2.04 0.00	28.74 1.16 -9.41
ASTORIA_GT3_1 24098	30.81 1.55 -12.82	25.17 1.24 -9.94	21.89 1.10 -8.02	21.76 1.08 -7.72	21.11 0.93 -9.03	21.89 0.51 -14.37	21.99 0.79 -11.00	20.79 0.95 -9.63	22.57 0.87 -12.19	24.51 0.98 -13.11	25.89 0.97 -14.28	26.73 1.14 -12.64	27.14 1.33 -10.92	27.15 0.97 -15.67	29.14 1.19 -15.01	29.91 1.27 -14.49	31.95 1.39 -14.18	38.17 1.85 -15.24	40.31 1.74 -17.60	43.12 1.84 -17.95	43.02 1.88 -17.03	34.78 1.87 -7.64	30.78 2.04 0.00	28.74 1.16 -9.41
ASTORIA_GT3_2 24099	30.81 1.55 -12.82	25.17 1.24 -9.94	21.89 1.10 -8.02	21.76 1.08 -7.72	21.11 0.93 -9.03	21.89 0.51 -14.37	21.99 0.79 -11.00	20.79 0.95 -9.63	22.57 0.87 -12.19	24.51 0.98 -13.11	25.89 0.97 -14.28	26.73 1.14 -12.64	27.14 1.33 -10.92	27.15 0.97 -15.67	29.14 1.19 -15.01	29.91 1.27 -14.49	31.95 1.39 -14.18	38.17 1.85 -15.24	40.31 1.74 -17.60	43.12 1.84 -17.95	43.02 1.88 -17.03	34.78 1.87 -7.64	30.78 2.04 0.00	28.74 1.16 -9.41
ASTORIA_GT3_3 24100	30.81 1.55 -12.82	25.17 1.24 -9.94	21.89 1.10 -8.02	21.76 1.08 -7.72	21.11 0.93 -9.03	21.89 0.51 -14.37	21.99 0.79 -11.00	20.79 0.95 -9.63	22.57 0.87 -12.19	24.51 0.98 -13.11	25.89 0.97 -14.28	26.73 1.14 -12.64	27.14 1.33 -10.92	27.15 0.97 -15.67	29.14 1.19 -15.01	29.91 1.27 -14.49	31.95 1.39 -14.18	38.17 1.85 -15.24	40.31 1.74 -17.60	43.12 1.84 -17.95	43.02 1.88 -17.03	34.78 1.87 -7.64	30.78 2.04 0.00	28.74 1.16 -9.41
ASTORIA_GT3_4 24101	30.81 1.55 -12.82	25.17 1.24 -9.94	21.89 1.10 -8.02	21.76 1.08 -7.72	21.11 0.93 -9.03	21.89 0.51 -14.37	21.99 0.79 -11.00	20.79 0.95 -9.63	22.57 0.87 -12.19	24.51 0.98 -13.11	25.89 0.97 -14.28	26.73 1.14 -12.64	27.14 1.33 -10.92	27.15 0.97 -15.67	29.14 1.19 -15.01	29.91 1.27 -14.49	31.95 1.39 -14.18	38.17 1.85 -15.24	40.31 1.74 -17.60	43.12 1.84 -17.95	43.02 1.88 -17.03	34.78 1.87 -7.64	30.78 2.04 0.00	28.74 1.16 -9.41
ASTORIA_GT4_1 24102	30.81 1.55 -12.82	25.17 1.24 -9.94	21.89 1.10 -8.02	21.76 1.08 -7.72	21.11 0.93 -9.03	21.89 0.51 -14.37	21.99 0.79 -11.00	20.79 0.95 -9.63	22.57 0.87 -12.19	24.51 0.98 -13.11	25.89 0.97 -14.28	26.73 1.14 -12.64	27.14 1.33 -10.92	27.15 0.97 -15.67	29.14 1.19 -15.01	29.91 1.27 -14.49	31.95 1.39 -14.18	38.17 1.85 -15.24	40.31 1.74 -17.60	43.12 1.84 -17.95	43.02 1.88 -17.03	34.78 1.87 -7.64	30.78 2.04 0.00	28.74 1.16 -9.41
ASTORIA_GT4_2 24103	30.81 1.55 -12.82	25.17 1.24 -9.94	21.89 1.10 -8.02	21.76 1.08 -7.72	21.11 0.93 -9.03	21.89 0.51 -14.37	21.99 0.79 -11.00	20.79 0.95 -9.63	22.57 0.87 -12.19	24.51 0.98 -13.11	25.89 0.97 -14.28	26.73 1.14 -12.64	27.14 1.33 -10.92	27.15 0.97 -15.67	29.14 1.19 -15.01	29.91 1.27 -14.49	31.95 1.39 -14.18	38.17 1.85 -15.24	40.31 1.74 -17.60	43.12 1.84 -17.95	43.02 1.88 -17.03	34.78 1.87 -7.64	30.78 2.04 0.00	28.74 1.16 -9.41
ASTORIA_GT4_3 24104	30.81 1.55 -12.82	25.17 1.24 -9.94	21.89 1.10 -8.02	21.76 1.08 -7.72	21.11 0.93 -9.03	21.89 0.51 -14.37	21.99 0.79 -11.00	20.79 0.95 -9.63	22.57 0.87 -12.19	24.51 0.98 -13.11	25.89 0.97 -14.28	26.73 1.14 -12.64	27.14 1.33 -10.92	27.15 0.97 -15.67	29.14 1.19 -15.01	29.91 1.27 -14.49	31.95 1.39 -14.18	38.17 1.85 -15.24	40.31 1.74 -17.60	43.12 1.84 -17.95	43.02 1.88 -17.03	34.78 1.87 -7.64	30.78 2.04 0.00	28.74 1.16 -9.41

ASTORIA_GT4_4 24105	30.81 1.55 -12.82	25.17 1.24 -9.94	21.89 1.10 -8.02	21.76 1.08 -7.72	21.11 0.93 -9.03	21.89 0.51 -14.37	21.99 0.79 -11.00	20.79 0.95 -9.63	22.57 0.87 -12.19	24.51 0.98 -13.11	25.89 0.97 -14.28	26.73 1.14 -12.64	27.14 1.33 -10.92	27.15 0.97 -15.67	29.14 1.19 -15.01	29.91 1.27 -14.49	31.95 1.39 -14.18	38.17 1.85 -15.24	40.31 1.74 -17.60	43.12 1.84 -17.95	43.02 1.88 -17.03	34.78 1.87 -7.64	30.78 2.04 0.00	28.74 1.16 -9.41
ASTORIA_GT_1 23523	30.84 1.58 -12.82	25.19 1.26 -9.94	21.90 1.11 -8.02	21.79 1.10 -7.72	21.12 0.94 -9.03	21.91 0.52 -14.37	22.01 0.81 -11.00	20.81 0.97 -9.63	22.59 0.89 -12.19	24.53 1.00 -13.11	25.91 0.99 -14.28	26.76 1.17 -12.64	27.17 1.36 -10.92	27.17 0.99 -15.67	29.15 1.20 -15.01	29.94 1.30 -14.49	31.98 1.42 -14.18	38.21 1.90 -15.24	40.35 1.78 -17.60	43.17 1.89 -17.95	43.07 1.93 -17.03	34.83 1.92 -7.64	30.84 2.10 0.00	28.76 1.18 -9.41
ASTORIA_GT_10 24110	30.90 1.64 -12.82	25.28 1.36 -9.94	21.98 1.19 -8.02	21.86 1.18 -7.72	21.19 1.00 -9.03	21.95 0.56 -14.37	22.05 0.85 -11.00	20.79 0.94 -9.65	22.95 0.86 -12.58	25.32 0.97 -13.93	26.78 0.96 -15.18	27.69 1.13 -13.61	27.38 1.31 -11.18	27.41 0.96 -15.94	29.52 1.16 -15.42	29.91 1.27 -14.49	31.98 1.42 -14.18	38.17 1.85 -15.24	40.40 1.82 -17.60	43.28 2.01 -17.95	43.16 2.03 -17.03	34.98 2.07 -7.64	31.01 2.27 0.00	28.89 1.31 -9.41
ASTORIA_GT_11 24225	30.90 1.64 -12.82	25.28 1.36 -9.94	21.98 1.19 -8.02	21.86 1.18 -7.72	21.19 1.00 -9.03	21.95 0.56 -14.37	22.05 0.85 -11.00	20.79 0.94 -9.65	22.95 0.86 -12.58	25.32 0.97 -13.93	26.78 0.96 -15.18	27.69 1.13 -13.61	27.38 1.31 -11.18	27.41 0.96 -15.94	29.52 1.16 -15.42	29.91 1.27 -14.49	31.98 1.42 -14.18	38.17 1.85 -15.24	40.40 1.82 -17.60	43.28 2.01 -17.95	43.16 2.03 -17.03	34.98 2.07 -7.64	31.01 2.27 0.00	28.89 1.31 -9.41
ASTORIA_GT_12 24226	30.90 1.64 -12.82	25.28 1.36 -9.94	21.98 1.19 -8.02	21.86 1.18 -7.72	21.19 1.00 -9.03	21.95 0.56 -14.37	22.05 0.85 -11.00	20.79 0.94 -9.65	22.95 0.86 -12.58	25.32 0.97 -13.93	26.78 0.96 -15.18	27.69 1.13 -13.61	27.38 1.31 -11.18	27.41 0.96 -15.94	29.52 1.16 -15.42	29.91 1.27 -14.49	31.98 1.42 -14.18	38.17 1.85 -15.24	40.40 1.82 -17.60	43.28 2.01 -17.95	43.16 2.03 -17.03	34.98 2.07 -7.64	31.01 2.27 0.00	28.89 1.31 -9.41
ASTORIA_GT_13 24227	30.90 1.64 -12.82	25.28 1.36 -9.94	21.98 1.19 -8.02	21.86 1.18 -7.72	21.19 1.00 -9.03	21.95 0.56 -14.37	22.05 0.85 -11.00	20.79 0.94 -9.65	22.95 0.86 -12.58	25.32 0.97 -13.93	26.78 0.96 -15.18	27.69 1.13 -13.61	27.38 1.31 -11.18	27.41 0.96 -15.94	29.52 1.16 -15.42	29.91 1.27 -14.49	31.98 1.42 -14.18	38.17 1.85 -15.24	40.40 1.82 -17.60	43.28 2.01 -17.95	43.16 2.03 -17.03	34.98 2.07 -7.64	31.01 2.27 0.00	28.89 1.31 -9.41
ASTORIA_GT_5 24106	30.84 1.58 -12.82	25.19 1.26 -9.94	21.90 1.11 -8.02	21.79 1.10 -7.72	21.12 0.94 -9.03	21.91 0.52 -14.37	22.01 0.81 -11.00	20.81 0.97 -9.63	22.59 0.89 -12.19	24.53 1.00 -13.11	25.91 0.99 -14.28	26.76 1.17 -12.64	27.17 1.36 -10.92	27.17 0.99 -15.67	29.15 1.20 -15.01	29.94 1.30 -14.49	31.98 1.42 -14.18	38.21 1.90 -15.24	40.35 1.78 -17.60	43.17 1.89 -17.95	43.07 1.93 -17.03	34.83 1.92 -7.64	30.84 2.10 0.00	28.76 1.18 -9.41
ASTORIA_GT_7 24107	30.84 1.58 -12.82	25.19 1.26 -9.94	21.90 1.11 -8.02	21.79 1.10 -7.72	21.12 0.94 -9.03	21.91 0.52 -14.37	22.01 0.81 -11.00	20.81 0.97 -9.63	22.59 0.89 -12.19	24.53 1.00 -13.11	25.91 0.99 -14.28	26.76 1.17 -12.64	27.17 1.36 -10.92	27.17 0.99 -15.67	29.15 1.20 -15.01	29.94 1.30 -14.49	31.98 1.42 -14.18	38.21 1.90 -15.24	40.35 1.78 -17.60	43.17 1.89 -17.95	43.07 1.93 -17.03	34.83 1.92 -7.64	30.84 2.10 0.00	28.76 1.18 -9.41
ASTORIA_GT_8 24108	30.84 1.58 -12.82	25.19 1.26 -9.94	21.90 1.11 -8.02	21.79 1.10 -7.72	21.12 0.94 -9.03	21.91 0.52 -14.37	22.01 0.81 -11.00	20.81 0.97 -9.63	22.59 0.89 -12.19	24.53 1.00 -13.11	25.91 0.99 -14.28	26.76 1.17 -12.64	27.17 1.36 -10.92	27.17 0.99 -15.67	29.15 1.20 -15.01	29.94 1.30 -14.49	31.98 1.42 -14.18	38.21 1.90 -15.24	40.35 1.78 -17.60	43.17 1.89 -17.95	43.07 1.93 -17.03	34.83 1.92 -7.64	30.84 2.10 0.00	28.76 1.18 -9.41
ASTORIA___2 24149	30.80 1.54 -12.81	25.15 1.23 -9.94	21.89 1.10 -8.02	21.76 1.09 -7.71	21.13 0.93 -9.05	21.92 0.51 -14.40	22.01 0.79 -11.02	20.81 0.95 -9.66	22.57 0.87 -12.20	24.52 0.98 -13.11	25.89 0.97 -14.28	26.73 1.14 -12.64	27.14 1.33 -10.92	27.15 0.97 -15.67	29.14 1.19 -15.01	29.93 1.30 -14.48	31.93 1.39 -14.17	38.22 1.88 -15.27	40.52 1.91 -17.64	43.25 1.98 -17.94	43.08 1.95 -17.02	34.85 1.95 -7.64	30.72 1.98 0.01	28.74 1.15 -9.42
ASTORIA___3 23516	30.90 1.64 -12.82	25.28 1.36 -9.94	21.99 1.19 -8.02	21.86 1.18 -7.72	21.22 1.00 -9.05	21.99 0.56 -14.41	22.08 0.85 -11.03	20.82 0.94 -9.67	22.95 0.86 -12.58	25.32 0.97 -13.93	26.78 0.96 -15.19	27.69 1.13 -13.61	27.39 1.31 -11.18	27.41 0.96 -15.94	29.52 1.17 -15.42	29.93 1.29 -14.49	31.98 1.42 -14.18	38.21 1.86 -15.28	40.46 1.85 -17.65	43.33 2.05 -17.95	43.26 2.12 -17.03	35.03 2.12 -7.64	30.96 2.21 0.00	28.89 1.29 -9.43
ASTORIA___4 23517	30.90 1.64 -12.82	25.28 1.36 -9.94	21.98 1.19 -8.02	21.86 1.18 -7.72	21.19 1.00 -9.03	21.95 0.56 -14.37	22.05 0.85 -11.00	20.79 0.94 -9.65	22.95 0.86 -12.58	25.32 0.97 -13.93	26.78 0.96 -15.18	27.69 1.13 -13.61	27.38 1.31 -11.18	27.41 0.96 -15.94	29.52 1.16 -15.42	29.91 1.27 -14.49	31.98 1.42 -14.18	38.17 1.85 -15.24	40.40 1.82 -17.60	43.28 2.01 -17.95	43.16 2.03 -17.03	34.98 2.07 -7.64	31.01 2.27 0.00	28.89 1.31 -9.41
ASTORIA___5 23518	30.90 1.64 -12.82	25.28 1.36 -9.94	21.99 1.19 -8.02	21.86 1.18 -7.72	21.22 1.00 -9.05	21.99 0.56 -14.41	22.08 0.85 -11.03	20.82 0.94 -9.67	22.95 0.86 -12.58	25.32 0.97 -13.93	26.78 0.96 -15.19	27.69 1.13 -13.61	27.39 1.31 -11.18	27.41 0.96 -15.94	29.52 1.17 -15.42	29.93 1.29 -14.49	31.98 1.42 -14.18	38.21 1.86 -15.28	40.46 1.85 -17.65	43.33 2.05 -17.95	43.26 2.12 -17.03	35.03 2.12 -7.64	30.96 2.21 0.00	28.89 1.29 -9.43
AST_ENERGY_2_CC3 323677	29.66 1.56 -11.66	25.23 1.30 -9.94	21.91 1.11 -8.02	21.80 1.11 -7.72	21.17 0.96 -9.05	21.96 0.53 -14.41	22.04 0.81 -11.03	20.78 0.91 -9.67	22.55 0.85 -12.20	24.47 0.94 -13.10	25.87 0.94 -14.29	26.70 1.10 -12.65	27.09 1.28 -10.91	27.10 0.93 -15.66	29.08 1.14 -15.00	29.87 1.25 -14.47	30.90 1.39 -13.14	30.90 1.86 -7.97	30.90 1.85 -8.08	34.23 2.03 -8.87	34.16 2.10 -7.95	30.90 2.07 -3.56	30.90 2.16 0.00	28.86 1.25 -9.43
AST_ENERGY_2_CC4 323678	29.66 1.56 -11.66	25.23 1.30 -9.94	21.91 1.11 -8.02	21.80 1.11 -7.72	21.17 0.96 -9.05	21.96 0.53 -14.41	22.04 0.81 -11.03	20.78 0.91 -9.67	22.55 0.85 -12.20	24.47 0.94 -13.10	25.87 0.94 -14.29	26.70 1.10 -12.65	27.09 1.28 -10.91	27.10 0.93 -15.66	29.08 1.14 -15.00	29.87 1.25 -14.47	30.90 1.39 -13.14	30.90 1.86 -7.97	30.90 1.85 -8.08	34.23 2.03 -8.87	34.16 2.10 -7.95	30.90 2.07 -3.56	30.90 2.16 0.00	28.86 1.25 -9.43

ATHENS_STG_1 23668	31.71 0.72 -14.55	25.86 0.59 -11.29	22.42 0.54 -9.11	22.28 0.54 -8.77	21.91 0.47 -10.28	23.62 0.25 -16.35	23.09 0.37 -12.52	21.51 0.38 -10.93	21.75 0.35 -11.89	21.43 0.40 -10.61	22.62 0.39 -11.59	22.80 0.47 -9.39	26.53 0.54 -11.10	27.32 0.39 -16.41	28.39 0.48 -14.97	31.12 0.52 -16.44	33.05 0.59 -16.09	39.18 0.76 -17.34	41.75 0.75 -20.03	44.56 0.86 -20.37	44.33 0.89 -19.33	34.80 0.86 -8.67	29.69 0.95 0.00	29.55 0.67 -10.70
ATHENS_STG_2 23670	31.71 0.72 -14.55	25.86 0.59 -11.29	22.42 0.54 -9.11	22.28 0.54 -8.77	21.91 0.47 -10.28	23.62 0.25 -16.35	23.09 0.37 -12.52	21.51 0.38 -10.93	21.75 0.35 -11.89	21.43 0.40 -10.61	22.62 0.39 -11.59	22.80 0.47 -9.39	26.53 0.54 -11.10	27.32 0.39 -16.41	28.39 0.48 -14.97	31.12 0.52 -16.44	33.05 0.59 -16.09	39.18 0.76 -17.34	41.75 0.75 -20.03	44.56 0.86 -20.37	44.33 0.89 -19.33	34.80 0.86 -8.67	29.69 0.95 0.00	29.55 0.67 -10.70
ATHENS_STG_3 23677	31.71 0.72 -14.55	25.86 0.59 -11.29	22.42 0.54 -9.11	22.28 0.54 -8.77	21.91 0.47 -10.28	23.62 0.25 -16.35	23.09 0.37 -12.52	21.51 0.38 -10.93	21.75 0.35 -11.89	21.43 0.40 -10.61	22.62 0.39 -11.59	22.80 0.47 -9.39	26.53 0.54 -11.10	27.32 0.39 -16.41	28.39 0.48 -14.97	31.12 0.52 -16.44	33.05 0.59 -16.09	39.18 0.76 -17.34	41.75 0.75 -20.03	44.56 0.86 -20.37	44.33 0.89 -19.33	34.80 0.86 -8.67	29.69 0.95 0.00	29.55 0.67 -10.70
AUBURN____LFGE 323710	17.95 -0.07 -1.57	15.13 -0.07 -1.22	13.68 -0.08 -0.98	13.82 -0.09 -0.95	12.19 -0.08 -1.11	8.74 -0.13 -1.86	11.42 -0.20 -1.42	11.23 -0.21 -1.24	10.85 -0.19 -1.54	11.62 -0.18 -1.37	11.96 -0.18 -1.50	13.90 -0.26 -1.21	16.61 -0.31 -2.03	12.53 -0.19 -2.20	14.73 -0.22 -2.01	16.25 -0.21 -2.32	18.67 -0.29 -2.59	23.26 -0.36 -2.54	23.00 -0.25 -2.28	25.87 -0.09 -2.63	26.49 -0.12 -2.50	26.08 -0.30 -1.12	28.14 -0.60 0.00	19.17 -0.22 -1.22
BABYLON_RES_REC 323704	42.83 2.04 -24.36	44.23 1.59 -28.65	45.07 1.39 -30.90	43.68 1.40 -29.32	32.54 1.21 -20.17	25.44 0.70 -17.72	26.92 1.03 -15.68	20.96 1.11 -9.64	26.46 1.04 -15.92	26.86 1.13 -15.31	28.42 1.09 -16.69	33.93 1.27 -19.71	39.23 1.44 -22.90	39.23 1.07 -27.65	42.92 1.31 -28.67	46.72 1.39 -31.19	48.68 1.54 -30.77	55.67 2.04 -32.55	51.54 2.08 -28.49	60.69 2.31 -35.05	65.12 2.39 -38.63	48.69 2.40 -21.02	47.52 2.62 -16.16	40.72 1.65 -20.89
BALL_HILL_WT_PWR 323825	17.47 -1.20 -2.23	14.70 -1.02 -1.73	13.29 -0.88 -1.40	13.40 -0.91 -1.35	11.99 -0.76 -1.59	9.27 -0.48 -2.73	11.55 -0.74 -2.09	11.19 -0.84 -1.83	10.73 -0.75 -1.98	11.39 -0.79 -1.76	11.72 -0.84 -1.93	13.29 -1.22 -1.56	12.64 -1.38 0.87	12.32 -0.93 -2.73	14.29 -1.14 -2.49	15.21 -1.17 -2.23	15.71 -1.42 -0.76	17.79 -1.77 1.52	22.64 -1.68 -3.35	25.31 -1.42 -3.40	25.82 -1.52 -3.23	24.74 -1.97 -1.45	26.88 -1.87 0.00	19.07 -0.89 -1.79
BARON_WINDS____WT_PWR 323822	18.54 -0.84 -2.94	15.54 -0.73 -2.28	13.96 -0.65 -1.84	14.05 -0.69 -1.77	12.73 -0.57 -2.14	10.22 -0.39 -3.59	12.36 -0.59 -2.75	11.94 -0.66 -2.40	11.52 -0.62 -2.64	12.10 -0.68 -2.35	12.49 -0.72 -2.57	14.02 -1.01 -2.08	1.80 -1.18 11.92	13.37 -0.79 -3.64	15.30 -0.96 -3.32	14.14 -1.00 -0.99	8.25 -1.19 6.93	-0.56 -1.45 20.19	24.11 -1.26 -4.40	26.83 -0.98 -4.48	27.34 -1.01 -4.25	25.83 -1.34 -1.91	27.42 -1.32 0.00	19.87 -0.65 -2.35
BARRETT_IC_1 23704	42.71 1.78 -24.49	42.26 1.36 -26.92	42.29 1.20 -28.31	41.46 1.18 -27.32	31.33 1.03 -19.14	25.02 0.59 -17.41	26.33 0.88 -15.25	20.84 0.99 -9.64	25.80 0.89 -15.40	26.14 0.99 -14.73	27.67 0.97 -16.06	32.69 1.13 -18.62	37.86 1.30 -21.67	37.88 0.95 -26.42	41.32 1.15 -27.22	44.99 1.20 -29.64	46.91 1.31 -29.23	52.77 1.69 -30.01	50.15 1.70 -27.48	58.68 1.89 -33.46	62.68 1.95 -36.62	46.92 2.00 -19.66	45.62 2.21 -14.66	39.38 1.38 -19.83
BARRETT_IC_10 23701	42.71 1.78 -24.49	42.26 1.36 -26.92	42.29 1.20 -28.31	41.46 1.18 -27.32	31.33 1.03 -19.14	25.02 0.59 -17.41	26.33 0.88 -15.25	20.84 0.99 -9.64	25.80 0.89 -15.40	26.14 0.99 -14.73	27.67 0.97 -16.06	32.69 1.13 -18.62	37.86 1.30 -21.67	37.88 0.95 -26.42	41.32 1.15 -27.22	44.99 1.20 -29.64	46.91 1.31 -29.23	52.77 1.69 -30.01	50.15 1.70 -27.48	58.68 1.89 -33.46	62.68 1.95 -36.62	46.92 2.00 -19.66	45.62 2.21 -14.66	39.38 1.38 -19.83
BARRETT_IC_11 23702	42.71 1.78 -24.49	42.26 1.36 -26.92	42.29 1.20 -28.31	41.46 1.18 -27.32	31.33 1.03 -19.14	25.02 0.59 -17.41	26.33 0.88 -15.25	20.84 0.99 -9.64	25.80 0.89 -15.40	26.14 0.99 -14.73	27.67 0.97 -16.06	32.69 1.13 -18.62	37.86 1.30 -21.67	37.88 0.95 -26.42	41.32 1.15 -27.22	44.99 1.20 -29.64	46.91 1.31 -29.23	52.77 1.69 -30.01	50.15 1.70 -27.48	58.68 1.89 -33.46	62.68 1.95 -36.62	46.92 2.00 -19.66	45.62 2.21 -14.66	39.38 1.38 -19.83
BARRETT_IC_12 23703	42.71 1.78 -24.49	42.26 1.36 -26.92	42.29 1.20 -28.31	41.46 1.18 -27.32	31.33 1.03 -19.14	25.02 0.59 -17.41	26.33 0.88 -15.25	20.84 0.99 -9.64	25.80 0.89 -15.40	26.14 0.99 -14.73	27.67 0.97 -16.06	32.69 1.13 -18.62	37.86 1.30 -21.67	37.88 0.95 -26.42	41.32 1.15 -27.22	44.99 1.20 -29.64	46.91 1.31 -29.23	52.77 1.69 -30.01	50.15 1.70 -27.48	58.68 1.89 -33.46	62.68 1.95 -36.62	46.92 2.00 -19.66	45.62 2.21 -14.66	39.38 1.38 -19.83
BARRETT_IC_2 23705	42.71 1.78 -24.49	42.26 1.36 -26.92	42.29 1.20 -28.31	41.46 1.18 -27.32	31.33 1.03 -19.14	25.02 0.59 -17.41	26.33 0.88 -15.25	20.84 0.99 -9.64	25.80 0.89 -15.40	26.14 0.99 -14.73	27.67 0.97 -16.06	32.69 1.13 -18.62	37.86 1.30 -21.67	37.88 0.95 -26.42	41.32 1.15 -27.22	44.99 1.20 -29.64	46.91 1.31 -29.23	52.77 1.69 -30.01	50.15 1.70 -27.48	58.68 1.89 -33.46	62.68 1.95 -36.62	46.92 2.00 -19.66	45.62 2.21 -14.66	39.38 1.38 -19.83
BARRETT_IC_3 23706	42.71 1.78 -24.49	42.26 1.36 -26.92	42.29 1.20 -28.31	41.46 1.18 -27.32	31.33 1.03 -19.14	25.02 0.59 -17.41	26.33 0.88 -15.25	20.84 0.99 -9.64	25.80 0.89 -15.40	26.14 0.99 -14.73	27.67 0.97 -16.06	32.69 1.13 -18.62	37.86 1.30 -21.67	37.88 0.95 -26.42	41.32 1.15 -27.22	44.99 1.20 -29.64	46.91 1.31 -29.23	52.77 1.69 -30.01	50.15 1.70 -27.48	58.68 1.89 -33.46	62.68 1.95 -36.62	46.92 2.00 -19.66	45.62 2.21 -14.66	39.38 1.38 -19.83
BARRETT_IC_4 23707	42.71 1.78 -24.49	42.26 1.36 -26.92	42.29 1.20 -28.31	41.46 1.18 -27.32	31.33 1.03 -19.14	25.02 0.59 -17.41	26.33 0.88 -15.25	20.84 0.99 -9.64	25.80 0.89 -15.40	26.14 0.99 -14.73	27.67 0.97 -16.06	32.69 1.13 -18.62	37.86 1.30 -21.67	37.88 0.95 -26.42	41.32 1.15 -27.22	44.99 1.20 -29.64	46.91 1.31 -29.23	52.77 1.69 -30.01	50.15 1.70 -27.48	58.68 1.89 -33.46	62.68 1.95 -36.62	46.92 2.00 -19.66	45.62 2.21 -14.66	39.38 1.38 -19.83
BARRETT_IC_5 23708	42.71 1.78 -24.49	42.26 1.36 -26.92	42.29 1.20 -28.31	41.46 1.18 -27.32	31.33 1.03 -19.14	25.02 0.59 -17.41	26.33 0.88 -15.25	20.84 0.99 -9.64	25.80 0.89 -15.40	26.14 0.99 -14.73	27.67 0.97 -16.06	32.69 1.13 -18.62	37.86 1.30 -21.67	37.88 0.95 -26.42	41.32 1.15 -27.22	44.99 1.20 -29.64	46.91 1.31 -29.23	52.77 1.69 -30.01	50.15 1.70 -27.48	58.68 1.89 -33.46	62.68 1.95 -36.62	46.92 2.00 -19.66	45.62 2.21 -14.66	39.38 1.38 -19.83

BARRETT_IC_6 23709	42.71 1.78 -24.49	42.26 1.36 -26.92	42.29 1.20 -28.31	41.46 1.18 -27.32	31.33 1.03 -19.14	25.02 0.59 -17.41	26.33 0.88 -15.25	20.84 0.99 -9.64	25.80 0.89 -15.40	26.14 0.99 -14.73	27.67 0.97 -16.06	32.69 1.13 -18.62	37.86 1.30 -21.67	37.88 0.95 -26.42	41.32 1.15 -27.22	44.99 1.20 -29.64	46.91 1.31 -29.23	52.77 1.69 -30.01	50.15 1.70 -27.48	58.68 1.89 -33.46	62.68 1.95 -36.62	46.92 2.00 -19.66	45.62 2.21 -14.66	39.38 1.38 -19.83
BARRETT_IC_7 23710	42.71 1.78 -24.49	42.26 1.36 -26.92	42.28 1.19 -28.31	41.45 1.17 -27.32	31.30 1.03 -19.11	24.98 0.59 -17.38	26.30 0.88 -15.22	20.81 0.99 -9.62	25.80 0.89 -15.40	26.14 0.99 -14.73	27.67 0.97 -16.06	32.69 1.13 -18.62	37.86 1.30 -21.67	37.89 0.96 -26.42	41.33 1.16 -27.22	44.98 1.19 -29.64	46.91 1.31 -29.23	52.73 1.69 -29.97	50.09 1.68 -27.44	58.63 1.84 -33.46	62.61 1.88 -36.62	46.89 1.97 -19.66	45.70 2.30 -14.66	39.41 1.44 -19.80
BARRETT_IC_8 23711	42.71 1.78 -24.49	42.26 1.36 -26.92	42.29 1.20 -28.31	41.46 1.18 -27.32	31.33 1.03 -19.14	25.02 0.59 -17.41	26.33 0.88 -15.25	20.84 0.99 -9.64	25.80 0.89 -15.40	26.14 0.99 -14.73	27.67 0.97 -16.06	32.69 1.13 -18.62	37.86 1.30 -21.67	37.88 0.95 -26.42	41.32 1.15 -27.22	44.99 1.20 -29.64	46.91 1.31 -29.23	52.77 1.69 -30.01	50.15 1.70 -27.48	58.68 1.89 -33.46	62.68 1.95 -36.62	46.92 2.00 -19.66	45.62 2.21 -14.66	39.38 1.38 -19.83
BARRETT_IC_9 23700	42.71 1.78 -24.49	42.26 1.36 -26.92	42.29 1.20 -28.31	41.46 1.18 -27.32	31.33 1.03 -19.14	25.02 0.59 -17.41	26.33 0.88 -15.25	20.84 0.99 -9.64	25.80 0.89 -15.40	26.14 0.99 -14.73	27.67 0.97 -16.06	32.69 1.13 -18.62	37.86 1.30 -21.67	37.88 0.95 -26.42	41.32 1.15 -27.22	44.99 1.20 -29.64	46.91 1.31 -29.23	52.77 1.69 -30.01	50.15 1.70 -27.48	58.68 1.89 -33.46	62.68 1.95 -36.62	46.92 2.00 -19.66	45.62 2.21 -14.66	39.38 1.38 -19.83
BARRETT___1 23545	42.71 1.78 -24.49	42.26 1.36 -26.92	42.29 1.20 -28.31	41.46 1.18 -27.32	31.33 1.03 -19.14	25.02 0.59 -17.41	26.33 0.88 -15.25	20.84 0.99 -9.64	25.80 0.89 -15.40	26.14 0.99 -14.73	27.67 0.97 -16.06	32.69 1.13 -18.62	37.86 1.30 -21.67	37.88 0.95 -26.42	41.32 1.15 -27.22	44.99 1.20 -29.64	46.91 1.31 -29.23	52.77 1.69 -30.01	50.15 1.70 -27.48	58.68 1.89 -33.46	62.68 1.95 -36.62	46.92 2.00 -19.66	45.62 2.21 -14.66	39.38 1.38 -19.83
BARRETT___2 23546	42.71 1.78 -24.49	42.26 1.36 -26.92	42.29 1.20 -28.31	41.46 1.18 -27.32	31.33 1.03 -19.14	25.02 0.59 -17.41	26.33 0.88 -15.25	20.84 0.99 -9.64	25.80 0.89 -15.40	26.14 0.99 -14.73	27.67 0.97 -16.06	32.69 1.13 -18.62	37.86 1.30 -21.67	37.88 0.95 -26.42	41.32 1.15 -27.22	44.99 1.20 -29.64	46.91 1.31 -29.23	52.77 1.69 -30.01	50.15 1.70 -27.48	58.68 1.89 -33.46	62.68 1.95 -36.62	46.92 2.00 -19.66	45.62 2.21 -14.66	39.38 1.38 -19.83
BATAVIA___115KV_TB1 55881	17.61 -0.67 -1.84	14.82 -0.59 -1.43	13.46 -0.47 -1.15	13.58 -0.49 -1.11	12.06 -0.40 -1.30	8.78 -0.27 -2.04	11.34 -0.43 -1.56	11.05 -0.52 -1.36	10.66 -0.48 -1.64	11.36 -0.53 -1.47	11.72 -0.52 -1.60	13.39 -0.85 -1.30	14.07 -0.89 -0.07	12.12 -0.63 -2.23	14.21 -0.76 -2.03	15.35 -0.76 -1.97	16.59 -0.92 -1.13	19.97 -1.05 0.06	22.38 -1.09 -2.50	25.45 -0.70 -2.82	25.99 -0.80 -2.67	25.15 -1.31 -1.20	26.99 -1.75 0.00	18.89 -0.62 -1.33
BAYONEEC___CTG1 323682	30.85 1.59 -12.82	25.23 1.30 -9.94	21.92 1.12 -8.02	21.80 1.11 -7.72	21.17 0.96 -9.05	21.97 0.54 -14.41	22.05 0.82 -11.03	20.79 0.92 -9.67	22.57 0.86 -12.20	24.49 0.96 -13.10	25.89 0.96 -14.29	26.73 1.13 -12.65	27.13 1.31 -10.93	27.15 0.96 -15.68	29.71 1.17 -15.61	29.92 1.27 -14.49	31.98 1.42 -14.18	38.26 1.90 -15.28	40.51 1.89 -17.65	43.35 2.08 -17.95	43.28 2.14 -17.03	35.03 2.12 -7.64	30.93 2.18 0.00	28.89 1.29 -9.43
BAYONEEC___CTG10 323750	30.85 1.59 -12.82	25.23 1.30 -9.94	21.92 1.12 -8.02	21.80 1.11 -7.72	21.17 0.96 -9.05	21.97 0.54 -14.41	22.05 0.82 -11.03	20.79 0.92 -9.67	22.57 0.86 -12.20	24.49 0.96 -13.10	25.89 0.96 -14.29	26.73 1.13 -12.65	27.13 1.31 -10.93	27.15 0.96 -15.68	29.71 1.17 -15.61	29.92 1.27 -14.49	31.98 1.42 -14.18	38.26 1.90 -15.28	40.51 1.89 -17.65	43.35 2.08 -17.95	43.28 2.14 -17.03	35.03 2.12 -7.64	30.93 2.18 0.00	28.89 1.29 -9.43
BAYONEEC___CTG2 323683	30.85 1.59 -12.82	25.23 1.30 -9.94	21.92 1.12 -8.02	21.80 1.11 -7.72	21.17 0.96 -9.05	21.97 0.54 -14.41	22.05 0.82 -11.03	20.79 0.92 -9.67	22.57 0.86 -12.20	24.49 0.96 -13.10	25.89 0.96 -14.29	26.73 1.13 -12.65	27.13 1.31 -10.93	27.15 0.96 -15.68	29.71 1.17 -15.61	29.92 1.27 -14.49	31.98 1.42 -14.18	38.26 1.90 -15.28	40.51 1.89 -17.65	43.35 2.08 -17.95	43.28 2.14 -17.03	35.03 2.12 -7.64	30.93 2.18 0.00	28.89 1.29 -9.43
BAYONEEC___CTG3 323684	30.85 1.59 -12.82	25.23 1.30 -9.94	21.92 1.12 -8.02	21.80 1.11 -7.72	21.17 0.96 -9.05	21.97 0.54 -14.41	22.05 0.82 -11.03	20.79 0.92 -9.67	22.57 0.86 -12.20	24.49 0.96 -13.10	25.89 0.96 -14.29	26.73 1.13 -12.65	27.13 1.31 -10.93	27.15 0.96 -15.68	29.71 1.17 -15.61	29.92 1.27 -14.49	31.98 1.42 -14.18	38.26 1.90 -15.28	40.51 1.89 -17.65	43.35 2.08 -17.95	43.28 2.14 -17.03	35.03 2.12 -7.64	30.93 2.18 0.00	28.89 1.29 -9.43
BAYONEEC___CTG4 323685	30.85 1.59 -12.82	25.23 1.30 -9.94	21.92 1.12 -8.02	21.80 1.11 -7.72	21.17 0.96 -9.05	21.97 0.54 -14.41	22.05 0.82 -11.03	20.79 0.92 -9.67	22.57 0.86 -12.20	24.49 0.96 -13.10	25.89 0.96 -14.29	26.73 1.13 -12.65	27.13 1.31 -10.93	27.15 0.96 -15.68	29.71 1.17 -15.61	29.92 1.27 -14.49	31.98 1.42 -14.18	38.26 1.90 -15.28	40.51 1.89 -17.65	43.35 2.08 -17.95	43.28 2.14 -17.03	35.03 2.12 -7.64	30.93 2.18 0.00	28.89 1.29 -9.43
BAYONEEC___CTG5 323686	30.85 1.59 -12.82	25.23 1.30 -9.94	21.92 1.12 -8.02	21.80 1.11 -7.72	21.17 0.96 -9.05	21.97 0.54 -14.41	22.05 0.82 -11.03	20.79 0.92 -9.67	22.57 0.86 -12.20	24.49 0.96 -13.10	25.89 0.96 -14.29	26.73 1.13 -12.65	27.13 1.31 -10.93	27.15 0.96 -15.68	29.71 1.17 -15.61	29.92 1.27 -14.49	31.98 1.42 -14.18	38.26 1.90 -15.28	40.51 1.89 -17.65	43.35 2.08 -17.95	43.28 2.14 -17.03	35.03 2.12 -7.64	30.93 2.18 0.00	28.89 1.29 -9.43
BAYONEEC___CTG6 323687	30.85 1.59 -12.82	25.23 1.30 -9.94	21.92 1.12 -8.02	21.80 1.11 -7.72	21.17 0.96 -9.05	21.97 0.54 -14.41	22.05 0.82 -11.03	20.79 0.92 -9.67	22.57 0.86 -12.20	24.49 0.96 -13.10	25.89 0.96 -14.29	26.73 1.13 -12.65	27.13 1.31 -10.93	27.15 0.96 -15.68	29.71 1.17 -15.61	29.92 1.27 -14.49	31.98 1.42 -14.18	38.26 1.90 -15.28	40.51 1.89 -17.65	43.35 2.08 -17.95	43.28 2.14 -17.03	35.03 2.12 -7.64	30.93 2.18 0.00	28.89 1.29 -9.43
BAYONEEC___CTG7 323688	30.85 1.59 -12.82	25.23 1.30 -9.94	21.92 1.12 -8.02	21.80 1.11 -7.72	21.17 0.96 -9.05	21.97 0.54 -14.41	22.05 0.82 -11.03	20.79 0.92 -9.67	22.57 0.86 -12.20	24.49 0.96 -13.10	25.89 0.96 -14.29	26.73 1.13 -12.65	27.13 1.31 -10.93	27.15 0.96 -15.68	29.71 1.17 -15.61	29.92 1.27 -14.49	31.98 1.42 -14.18	38.26 1.90 -15.28	40.51 1.89 -17.65	43.35 2.08 -17.95	43.28 2.14 -17.03	35.03 2.12 -7.64	30.93 2.18 0.00	28.89 1.29 -9.43

BAYONEEC___CTG8 323689	30.85 1.59 -12.82	25.23 1.30 -9.94	21.92 1.12 -8.02	21.80 1.11 -7.72	21.17 0.96 -9.05	21.97 0.54 -14.41	22.05 0.82 -11.03	20.79 0.92 -9.67	22.57 0.86 -12.20	24.49 0.96 -13.10	25.89 0.96 -14.29	26.73 1.13 -12.65	27.13 1.31 -10.93	27.15 0.96 -15.68	29.71 1.17 -15.61	29.92 1.27 -14.49	31.98 1.42 -14.18	38.26 1.90 -15.28	40.51 1.89 -17.65	43.35 2.08 -17.95	43.28 2.14 -17.03	35.03 2.12 -7.64	30.93 2.18 0.00	28.89 1.29 -9.43
BAYONEEC___CTG9 323749	30.85 1.59 -12.82	25.23 1.30 -9.94	21.92 1.12 -8.02	21.80 1.11 -7.72	21.17 0.96 -9.05	21.97 0.54 -14.41	22.05 0.82 -11.03	20.79 0.92 -9.67	22.57 0.86 -12.20	24.49 0.96 -13.10	25.89 0.96 -14.29	26.73 1.13 -12.65	27.13 1.31 -10.93	27.15 0.96 -15.68	29.71 1.17 -15.61	29.92 1.27 -14.49	31.98 1.42 -14.18	38.26 1.90 -15.28	40.51 1.89 -17.65	43.35 2.08 -17.95	43.28 2.14 -17.03	35.03 2.12 -7.64	30.93 2.18 0.00	28.89 1.29 -9.43
BEACON___LESR 323632	33.25 0.54 -16.27	27.10 0.49 -12.62	23.46 0.50 -10.18	23.29 0.52 -9.81	23.10 0.45 -11.49	25.51 0.23 -18.26	24.51 0.33 -13.98	22.67 0.26 -12.21	23.03 0.25 -13.28	22.56 0.28 -11.85	23.88 0.30 -12.94	23.80 0.36 -10.49	27.69 0.40 -12.39	29.14 0.29 -18.33	30.03 0.38 -16.72	32.94 0.42 -18.37	34.82 0.48 -17.97	40.99 0.55 -19.37	43.93 0.59 -22.37	46.78 0.70 -22.75	46.39 0.70 -21.58	35.74 0.78 -9.69	29.60 0.86 0.00	30.65 0.53 -11.95
BEAVER RIVER___HYD 24048	16.68 -0.25 -0.48	14.12 -0.24 -0.38	12.84 -0.24 -0.30	13.03 -0.22 -0.29	11.37 -0.17 -0.38	7.59 -0.14 -0.71	10.54 -0.21 -0.55	10.46 -0.22 -0.48	9.74 -0.28 -0.52	10.56 -0.33 -0.47	10.82 -0.33 -0.51	12.93 -0.43 -0.41	14.88 -0.51 -0.49	10.89 -0.35 -0.72	13.16 -0.44 -0.66	14.41 -0.47 -0.72	16.58 -0.49 -0.70	21.31 -0.53 -0.76	21.49 -0.36 -0.87	23.96 -0.26 -0.89	24.83 -0.12 -0.84	25.44 -0.20 -0.38	28.37 -0.37 0.00	18.39 -0.25 -0.47
BEEBEE_GT_13 23619	17.55 -0.48 -1.59	14.78 -0.43 -1.23	13.41 -0.36 -0.99	13.56 -0.36 -0.96	11.98 -0.30 -1.12	8.50 -0.24 -1.73	11.16 -0.37 -1.32	10.95 -0.41 -1.15	10.55 -0.37 -1.42	11.32 -0.38 -1.27	11.66 -0.36 -1.38	13.49 -0.58 -1.12	15.09 -0.69 -0.88	12.00 -0.42 -1.91	14.19 -0.49 -1.74	15.48 -0.50 -1.83	17.19 -0.74 -1.55	22.00 -0.91 -1.83	22.27 -0.82 -2.11	25.18 -0.58 -2.43	25.74 -0.68 -2.31	25.24 -1.06 -1.04	27.16 -1.58 0.00	18.74 -0.56 -1.13
BENSHRST_27_KV_BENSHRST_1 355998	31.07 1.81 -12.82	25.42 1.48 -9.95	22.10 1.30 -8.02	21.99 1.30 -7.73	21.29 1.11 -9.03	22.00 0.61 -14.37	22.12 0.92 -11.00	20.85 0.90 -9.65	22.99 1.02 -12.58	25.37 1.02 -13.93	26.84 1.02 -15.18	27.78 1.22 -13.61	27.49 1.41 -11.18	27.49 1.03 -15.94	35.61 1.27 -21.40	30.08 1.41 -14.51	32.17 1.59 -14.21	38.38 2.04 -15.26	40.66 2.03 -17.66	43.52 2.24 -17.95	43.40 2.27 -17.03	35.27 2.35 -7.65	31.34 2.59 -0.01	29.07 1.49 -9.41
BETHLEHEM___GRP 23843	33.02 0.31 -16.27	26.92 0.31 -12.62	23.32 0.36 -10.19	23.14 0.36 -9.81	22.94 0.31 -11.47	25.41 0.15 -18.23	24.38 0.21 -13.96	22.53 0.14 -12.19	22.92 0.13 -13.28	22.42 0.15 -11.85	23.74 0.16 -12.94	23.62 0.18 -10.49	27.50 0.21 -12.39	28.99 0.15 -18.33	29.84 0.18 -16.72	32.73 0.21 -18.37	34.58 0.23 -17.98	40.65 0.23 -19.33	43.56 0.25 -22.34	46.41 0.33 -22.76	46.01 0.31 -21.59	35.33 0.38 -9.69	29.15 0.40 0.00	30.38 0.27 -11.93
BETHLEHEM___GS1 323560	33.02 0.31 -16.27	26.92 0.31 -12.62	23.32 0.36 -10.19	23.14 0.36 -9.81	22.96 0.31 -11.49	25.44 0.15 -18.27	24.40 0.21 -13.98	22.55 0.14 -12.21	22.92 0.13 -13.29	22.42 0.15 -11.85	23.74 0.16 -12.94	23.62 0.18 -10.49	27.50 0.21 -12.40	28.99 0.15 -18.33	29.84 0.18 -16.72	32.73 0.21 -18.37	34.58 0.23 -17.97	40.68 0.23 -19.37	43.60 0.25 -22.37	46.39 0.30 -22.76	45.99 0.29 -21.59	35.33 0.38 -9.69	29.17 0.43 0.00	30.38 0.25 -11.95
BETHLEHEM___GS2 323561	33.02 0.31 -16.27	26.92 0.31 -12.62	23.32 0.36 -10.19	23.14 0.36 -9.81	22.96 0.31 -11.49	25.44 0.15 -18.27	24.40 0.21 -13.98	22.55 0.14 -12.21	22.92 0.13 -13.29	22.42 0.15 -11.85	23.74 0.16 -12.94	23.62 0.18 -10.49	27.50 0.21 -12.40	28.99 0.15 -18.33	29.84 0.18 -16.72	32.73 0.21 -18.37	34.58 0.23 -17.97	40.68 0.23 -19.37	43.60 0.25 -22.37	46.39 0.30 -22.76	45.99 0.29 -21.59	35.33 0.38 -9.69	29.17 0.43 0.00	30.38 0.25 -11.95
BETHLEHEM___GS3 323562	33.02 0.31 -16.27	26.92 0.31 -12.62	23.32 0.36 -10.19	23.14 0.36 -9.81	22.96 0.31 -11.49	25.44 0.15 -18.27	24.40 0.21 -13.98	22.55 0.14 -12.21	22.92 0.13 -13.29	22.42 0.15 -11.85	23.74 0.16 -12.94	23.62 0.18 -10.49	27.50 0.21 -12.40	28.99 0.15 -18.33	29.84 0.18 -16.72	32.73 0.21 -18.37	34.58 0.23 -17.97	40.68 0.23 -19.37	43.60 0.25 -22.37	46.39 0.30 -22.76	45.99 0.29 -21.59	35.33 0.38 -9.69	29.17 0.43 0.00	30.38 0.25 -11.95
BETHLEHEM___STEEL 23779	17.41 -1.22 -2.19	14.65 -1.03 -1.70	13.25 -0.89 -1.37	13.38 -0.91 -1.32	11.95 -0.76 -1.54	9.00 -0.48 -2.47	11.35 -0.74 -1.89	11.01 -0.85 -1.65	10.69 -0.76 -1.95	11.36 -0.80 -1.74	11.69 -0.85 -1.90	13.26 -1.23 -1.54	12.64 -1.41 0.84	12.25 -0.94 -2.67	14.23 -1.15 -2.44	15.16 -1.17 -2.19	15.60 -1.47 -0.70	17.54 -1.83 1.70	22.25 -1.74 -3.02	25.20 -1.47 -3.34	25.69 -1.59 -3.17	24.57 -2.12 -1.42	26.47 -2.27 0.00	18.77 -1.02 -1.62
BETHLHEM_115KV_TB1 79974	33.05 0.36 -16.25	26.93 0.34 -12.61	23.32 0.37 -10.17	23.14 0.38 -9.80	22.94 0.32 -11.46	25.39 0.16 -18.21	24.38 0.23 -13.94	22.55 0.17 -12.17	22.92 0.15 -13.27	22.43 0.17 -11.84	23.75 0.18 -12.93	23.63 0.21 -10.47	27.51 0.24 -12.38	28.99 0.17 -18.31	29.85 0.21 -16.70	32.74 0.24 -18.35	34.59 0.26 -17.96	40.67 0.27 -19.31	43.57 0.29 -22.31	46.43 0.37 -22.73	46.06 0.39 -21.56	35.37 0.43 -9.68	29.20 0.46 0.00	30.40 0.31 -11.92
BETHPAGE_CC_5 323564	42.70 1.99 -24.27	45.34 1.55 -29.81	46.15 1.35 -32.02	44.97 1.36 -30.65	33.19 1.17 -20.86	25.62 0.68 -17.92	27.17 1.00 -15.97	20.94 1.09 -9.64	26.78 1.02 -16.26	27.23 1.12 -15.69	28.83 1.09 -17.11	34.66 1.28 -20.43	40.05 1.44 -23.71	40.04 1.06 -28.46	43.87 1.29 -29.63	47.75 1.39 -32.21	49.68 1.52 -31.78	55.94 2.02 -32.84	52.14 2.01 -29.16	61.67 2.24 -36.10	66.37 2.31 -39.95	49.33 2.32 -21.74	48.43 2.53 -17.15	41.35 1.58 -21.59
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	17.39 -1.27 -2.22	14.64 -1.06 -1.72	13.25 -0.92 -1.39	13.36 -0.95 -1.34	11.93 -0.79 -1.56	9.02 -0.51 -2.50	11.34 -0.78 -1.92	11.01 -0.87 -1.67	10.70 -0.78 -1.98	11.35 -0.83 -1.76	11.69 -0.87 -1.92	13.25 -1.26 -1.56	12.78 -1.44 0.67	12.27 -0.96 -2.71	14.23 -1.18 -2.47	15.18 -1.22 -2.25	15.72 -1.49 -0.84	17.80 -1.85 1.42	22.25 -1.78 -3.07	25.20 -1.52 -3.38	25.68 -1.64 -3.21	24.56 -2.15 -1.44	26.56 -2.18 0.00	18.76 -1.05 -1.64
BINGHAMTON___COGEN 23790	20.77 0.02 -4.31	17.32 -0.01 -3.35	15.48 0.00 -2.70	15.55 -0.01 -2.60	14.21 0.01 -3.04	12.03 -0.05 -5.07	14.01 -0.07 -3.88	13.50 -0.09 -3.39	13.22 -0.09 -3.80	13.74 -0.07 -3.39	14.25 -0.10 -3.70	15.78 -0.17 -3.00	18.62 -0.19 -3.92	15.69 -0.09 -5.27	17.63 -0.12 -4.80	19.38 -0.11 -5.35	21.66 -0.15 -5.43	26.28 -0.17 -5.37	27.09 -0.08 -6.20	29.91 0.07 -6.51	30.33 0.05 -6.18	27.91 -0.13 -2.77	28.57 -0.17 0.00	21.47 -0.02 -3.31

BIXINCNT_115KV_LOAD 355685	17.12 -1.68 -2.35	14.37 -1.44 -1.83	12.97 -1.28 -1.47	13.01 -1.37 -1.42	11.64 -1.18 -1.66	8.96 -0.72 -2.67	11.14 -1.10 -2.04	10.78 -1.20 -1.78	10.50 -1.09 -2.09	11.13 -1.16 -1.87	11.44 -1.23 -2.04	12.94 -1.66 -1.65	13.18 -1.97 -0.25	12.09 -1.30 -2.88	13.96 -1.60 -2.62	15.05 -1.67 -2.57	16.02 -1.95 -1.59	18.76 -2.38 -0.06	21.99 -2.24 -3.27	24.86 -2.05 -3.58	25.41 -2.10 -3.40	24.24 -2.55 -1.53	26.44 -2.30 0.00	18.68 -1.24 -1.75
BLACK RIVER___HYD 24047	17.06 -0.05 -0.67	14.42 -0.08 -0.52	13.08 -0.12 -0.42	13.29 -0.08 -0.41	11.65 -0.03 -0.52	7.93 -0.08 -0.99	10.82 -0.14 -0.76	10.70 -0.16 -0.66	9.97 -0.26 -0.73	10.79 -0.28 -0.65	11.06 -0.29 -0.71	13.13 -0.39 -0.57	15.10 -0.48 -0.68	11.20 -0.32 -1.00	13.48 -0.38 -0.91	14.76 -0.40 -1.00	16.96 -0.39 -0.98	21.77 -0.36 -1.05	22.06 -0.13 -1.21	24.66 0.09 -1.24	25.57 0.29 -1.17	25.94 0.15 -0.53	28.71 -0.03 0.00	18.80 -0.02 -0.65
BLACKRVR_115KV_TB2 79977	17.06 -0.05 -0.67	14.42 -0.08 -0.52	13.08 -0.11 -0.42	13.29 -0.08 -0.41	11.60 -0.03 -0.47	7.76 -0.08 -0.82	10.69 -0.14 -0.63	10.59 -0.16 -0.55	9.97 -0.26 -0.72	10.79 -0.28 -0.64	11.05 -0.29 -0.70	13.13 -0.39 -0.57	15.09 -0.48 -0.67	11.20 -0.32 -1.00	13.48 -0.38 -0.91	14.76 -0.40 -1.00	16.96 -0.39 -0.98	21.59 -0.36 -0.87	21.85 -0.13 -1.01	24.66 0.09 -1.24	25.57 0.29 -1.17	25.94 0.15 -0.53	28.69 -0.06 0.00	18.69 -0.02 -0.54
BLDWN_LI_69_KV_BK4 356085	42.47 1.92 -24.10	47.49 1.50 -32.01	48.56 1.32 -34.47	47.45 1.30 -33.20	34.43 1.13 -22.14	25.95 0.65 -18.28	27.65 0.96 -16.49	20.89 1.06 -9.62	27.40 0.98 -16.92	27.92 1.07 -16.43	29.61 1.06 -17.91	36.01 1.24 -21.82	41.59 1.43 -25.26	41.60 1.05 -30.03	45.70 1.28 -31.48	49.68 1.34 -34.18	51.62 1.51 -33.75	57.43 1.96 -34.39	53.33 1.97 -30.39	63.64 2.19 -38.12	68.85 2.24 -42.50	50.80 2.27 -23.26	50.39 2.59 -19.06	42.69 1.60 -22.92
BLISS_WT_PWR 323608	16.98 -1.81 -2.35	14.26 -1.55 -1.83	12.87 -1.38 -1.47	12.89 -1.49 -1.42	11.55 -1.29 -1.68	9.11 -0.79 -2.88	11.21 -1.19 -2.20	10.82 -1.31 -1.92	10.40 -1.19 -2.09	11.02 -1.26 -1.86	11.33 -1.34 -2.03	12.81 -1.79 -1.65	13.02 -2.12 -0.24	11.98 -1.41 -2.88	13.84 -1.72 -2.62	14.92 -1.80 -2.57	15.90 -2.10 -1.62	18.83 -2.53 -0.29	22.08 -2.41 -3.52	24.67 -2.24 -3.58	25.22 -2.29 -3.40	24.09 -2.70 -1.53	26.47 -2.27 0.00	18.77 -1.29 -1.88
BLUESTONE___WT_PWR 323821	21.65 0.58 -4.64	18.03 0.45 -3.60	16.06 0.38 -2.90	16.17 0.41 -2.79	14.95 0.40 -3.39	12.75 0.20 -5.52	14.71 0.28 -4.23	14.17 0.28 -3.69	13.73 0.19 -4.03	14.25 0.23 -3.60	14.81 0.24 -3.93	16.37 0.23 -3.18	19.34 0.27 -4.17	16.32 0.24 -5.57	18.31 0.30 -5.08	20.14 0.34 -5.65	22.45 0.39 -5.68	28.07 0.57 -6.42	28.36 0.63 -6.77	31.05 0.84 -6.88	31.60 0.97 -6.53	28.98 0.78 -2.93	29.55 0.80 0.00	22.33 0.54 -3.62
BLUE_CIRC_CHEM_DRP 24182	32.64 0.41 -15.79	26.61 0.38 -12.25	23.03 0.37 -9.89	22.87 0.39 -9.52	22.63 0.33 -11.13	24.89 0.17 -17.70	23.99 0.23 -13.55	22.21 0.17 -11.83	22.55 0.15 -12.89	22.09 0.17 -11.50	23.38 0.18 -12.56	23.33 0.21 -10.18	27.16 0.24 -12.03	28.48 0.17 -17.80	29.39 0.22 -16.23	32.23 0.25 -17.83	34.10 0.28 -17.45	40.18 0.34 -18.77	43.01 0.36 -21.68	45.88 0.47 -22.09	45.55 0.48 -20.95	35.18 0.51 -9.41	29.38 0.63 0.00	30.16 0.40 -11.58
BOC_GAS_DRP 24189	33.05 0.46 -16.15	26.91 0.39 -12.53	23.27 0.38 -10.11	23.09 0.39 -9.74	22.88 0.33 -11.38	25.30 0.18 -18.10	24.32 0.26 -13.86	22.53 0.22 -12.10	22.90 0.21 -13.19	22.42 0.23 -11.76	23.73 0.24 -12.85	23.63 0.27 -10.41	27.51 0.31 -12.30	28.95 0.23 -18.20	29.82 0.28 -16.60	32.70 0.31 -18.23	34.56 0.34 -17.85	40.70 0.42 -19.19	43.58 0.44 -22.17	46.46 0.54 -22.59	46.07 0.53 -21.43	35.42 0.53 -9.62	29.35 0.60 0.00	30.42 0.40 -11.85
BOONVILLE_115KV_TB1 79983	16.99 0.13 -0.42	14.39 0.08 -0.33	13.10 0.06 -0.26	13.29 0.08 -0.25	11.55 0.09 -0.30	7.57 0.03 -0.53	10.64 0.03 -0.40	10.59 0.03 -0.35	9.93 -0.02 -0.45	10.80 -0.02 -0.40	11.07 -0.01 -0.44	13.26 -0.04 -0.35	15.27 -0.04 -0.42	11.13 -0.01 -0.63	13.50 -0.01 -0.57	14.78 0.00 -0.63	17.00 0.02 -0.61	21.72 0.08 -0.56	21.78 0.17 -0.64	24.38 0.28 -0.77	25.23 0.39 -0.73	25.90 0.30 -0.33	28.97 0.23 0.00	18.66 0.15 -0.34
BORALEX_4TH_BRANCH 23824	33.68 0.87 -16.37	27.44 0.76 -12.70	23.70 0.68 -10.25	23.51 0.67 -9.87	23.29 0.59 -11.54	25.69 0.33 -18.34	24.73 0.48 -14.04	22.94 0.48 -12.26	23.31 0.45 -13.36	22.84 0.50 -11.92	24.17 0.51 -13.02	24.11 0.61 -10.55	28.05 0.69 -12.47	29.43 0.47 -18.44	30.30 0.54 -16.82	33.28 0.65 -18.48	35.24 0.79 -18.08	41.54 1.01 -19.45	44.49 1.05 -22.47	47.43 1.21 -22.89	47.08 1.25 -21.72	36.25 1.24 -9.75	30.09 1.35 0.00	31.07 0.89 -12.00
BOWLINE___1 23526	30.19 1.33 -12.42	24.71 1.09 -9.63	21.49 0.95 -7.77	21.40 0.95 -7.49	20.76 0.81 -8.78	21.45 0.46 -13.98	21.58 0.67 -10.70	20.30 0.76 -9.34	20.38 0.71 -10.17	20.28 0.79 -9.07	21.32 0.78 -9.91	21.89 0.92 -8.03	25.45 1.07 -9.49	25.33 0.79 -14.03	26.69 0.96 -12.79	29.25 1.05 -14.06	31.31 1.18 -13.75	37.46 1.56 -14.82	39.64 1.55 -17.12	42.47 1.73 -17.41	42.41 1.78 -16.52	34.45 1.77 -7.41	30.58 1.84 0.00	28.43 1.11 -9.15
BOWLINE___2 23595	30.19 1.33 -12.42	24.71 1.09 -9.63	21.49 0.95 -7.77	21.40 0.95 -7.49	20.76 0.81 -8.78	21.45 0.46 -13.98	21.58 0.67 -10.70	20.30 0.76 -9.34	20.38 0.71 -10.17	20.29 0.79 -9.07	21.32 0.78 -9.91	21.89 0.92 -8.03	25.45 1.07 -9.49	25.33 0.79 -14.03	26.69 0.96 -12.79	29.25 1.05 -14.06	31.31 1.18 -13.75	37.46 1.56 -14.82	39.64 1.55 -17.12	42.47 1.73 -17.41	42.41 1.78 -16.52	34.45 1.77 -7.41	30.58 1.84 0.00	28.43 1.11 -9.15
BRADY___115KV_TB2 356060	16.06 -0.38 0.00	13.69 -0.29 0.00	12.51 -0.27 0.00	12.72 -0.25 0.00	10.93 -0.23 0.00	6.89 -0.13 0.00	10.03 -0.17 0.00	10.02 -0.18 0.00	9.30 -0.20 0.00	10.15 -0.27 0.00	10.37 -0.27 0.00	12.66 -0.28 0.00	14.57 -0.33 0.00	10.23 -0.28 0.00	12.58 -0.36 0.00	13.74 -0.41 0.00	15.96 -0.41 0.00	20.53 -0.55 0.00	20.49 -0.48 0.00	22.72 -0.61 0.00	23.55 -0.55 0.00	24.78 -0.48 0.00	28.23 -0.52 0.00	17.79 -0.38 0.00
BRANSCOMB___SOLAR 323811	33.96 0.81 -16.71	27.63 0.69 -12.97	23.84 0.60 -10.46	23.66 0.62 -10.08	23.51 0.55 -11.80	26.08 0.30 -18.76	24.98 0.42 -14.36	23.14 0.40 -12.53	23.51 0.36 -13.64	22.99 0.40 -12.17	24.33 0.40 -13.29	24.22 0.50 -10.77	28.20 0.58 -12.73	29.75 0.41 -18.82	30.65 0.54 -17.17	33.62 0.61 -18.86	35.53 0.70 -18.46	41.92 0.95 -19.89	44.93 0.99 -22.97	47.88 1.19 -23.37	47.50 1.23 -22.17	36.43 1.21 -9.95	30.07 1.32 0.00	31.28 0.84 -12.28
BRDGHMPT_69_KV_BK1 55812	43.41 2.45 -24.52	42.42 1.92 -26.52	47.67 1.74 -33.16	41.56 1.72 -26.87	31.54 1.48 -18.89	25.21 0.88 -17.32	26.62 1.29 -15.13	21.17 1.35 -9.62	26.04 1.25 -15.28	26.40 1.39 -14.60	27.77 1.21 -15.92	32.71 1.40 -18.37	37.83 1.55 -21.39	37.84 1.19 -26.14	41.28 1.45 -26.89	45.03 1.60 -29.29	47.11 1.85 -28.89	68.04 2.42 -44.54	50.69 2.45 -27.27	59.22 2.73 -33.16	63.10 2.77 -36.22	49.39 2.78 -21.35	46.20 3.13 -14.32	39.77 2.04 -19.56

BRENTWOD_69_KV_W. BRTWOOD 56703	43.10 2.17 -24.49	42.58 1.69 -26.91	43.81 1.51 -29.52	41.77 1.50 -27.30	31.58 1.31 -19.11	25.16 0.76 -17.38	26.55 1.12 -15.22	21.02 1.19 -9.62	26.01 1.11 -15.40	26.37 1.22 -14.72	27.85 1.16 -16.06	32.92 1.36 -18.61	38.07 1.52 -21.66	38.06 1.14 -26.41	41.55 1.40 -27.21	45.26 1.49 -29.63	47.25 1.65 -29.22	56.25 2.09 -33.08	50.59 2.18 -27.44	59.17 2.38 -33.46	63.14 2.41 -36.62	47.78 2.45 -20.06	46.27 2.87 -14.65	39.80 1.84 -19.79
BRISTLHL_115KV_TB1 79998	17.23 -0.21 -1.01	14.55 -0.21 -0.78	13.20 -0.20 -0.63	13.35 -0.22 -0.61	11.68 -0.19 -0.71	8.02 -0.22 -1.22	10.80 -0.34 -0.93	10.67 -0.35 -0.81	10.27 -0.32 -1.09	11.07 -0.32 -0.97	11.37 -0.33 -1.06	13.38 -0.43 -0.86	15.42 -0.49 -1.02	11.72 -0.32 -1.52	13.93 -0.39 -1.38	15.27 -0.40 -1.52	17.35 -0.51 -1.49	21.72 -0.65 -1.29	21.88 -0.59 -1.49	24.69 -0.51 -1.87	25.35 -0.53 -1.77	25.35 -0.71 -0.80	27.77 -0.98 0.00	18.48 -0.49 -0.80
BROOKHAVEN___DRP 24191	43.26 2.30 -24.52	42.30 1.80 -26.51	47.52 1.62 -33.12	41.44 1.62 -26.86	31.44 1.40 -18.88	25.16 0.83 -17.31	26.55 1.21 -15.13	21.10 1.28 -9.62	25.97 1.19 -15.28	26.31 1.29 -14.59	27.73 1.18 -15.91	32.68 1.37 -18.36	37.78 1.50 -21.38	37.79 1.15 -26.13	41.22 1.40 -26.89	44.94 1.51 -29.28	46.97 1.72 -28.88	67.74 2.21 -44.45	50.50 2.26 -27.26	59.00 2.52 -33.15	62.88 2.56 -36.21	49.20 2.60 -21.33	46.04 2.99 -14.31	39.64 1.91 -19.55
BROOKLYN_NAVY_YARD 23515	30.85 1.59 -12.82	25.21 1.29 -9.94	21.90 1.10 -8.02	21.78 1.10 -7.72	21.15 0.94 -9.05	21.96 0.53 -14.41	22.04 0.81 -11.03	20.79 0.92 -9.67	22.57 0.86 -12.20	24.49 0.96 -13.10	25.89 0.96 -14.29	26.73 1.13 -12.65	27.13 1.31 -10.93	27.13 0.94 -15.68	29.11 1.15 -15.01	29.90 1.26 -14.49	31.94 1.39 -14.18	38.21 1.86 -15.28	40.42 1.80 -17.65	43.31 2.03 -17.95	43.23 2.10 -17.03	35.00 2.10 -7.64	30.90 2.16 0.00	28.86 1.25 -9.43
BROOKLYN___ARMY_DRP 323595	31.00 1.74 -12.82	25.37 1.44 -9.95	22.06 1.26 -8.02	21.95 1.26 -7.73	21.26 1.07 -9.03	21.98 0.59 -14.37	22.09 0.89 -11.00	20.81 0.96 -9.65	22.96 0.87 -12.58	25.33 0.98 -13.93	26.80 0.98 -15.18	27.72 1.17 -13.61	27.41 1.34 -11.18	27.45 0.99 -15.94	35.55 1.22 -21.40	30.01 1.34 -14.51	32.10 1.52 -14.21	38.28 1.94 -15.26	40.56 1.93 -17.66	43.40 2.12 -17.95	43.31 2.17 -17.03	35.16 2.25 -7.65	31.22 2.47 -0.01	29.00 1.42 -9.41
BROOME_2_LFGE 323671	20.77 0.02 -4.31	17.32 -0.01 -3.35	15.48 0.00 -2.70	15.55 -0.01 -2.60	14.36 0.01 -3.19	12.19 -0.05 -5.23	14.13 -0.07 -4.00	13.60 -0.09 -3.49	13.24 -0.09 -3.82	13.76 -0.07 -3.40	14.26 -0.10 -3.72	15.79 -0.17 -3.01	18.63 -0.19 -3.93	15.69 -0.09 -5.27	17.63 -0.12 -4.80	19.40 -0.10 -5.35	21.37 -0.15 -5.14	26.45 -0.17 -5.54	27.29 -0.08 -6.40	29.91 0.07 -6.51	30.33 0.05 -6.18	27.91 -0.13 -2.77	28.63 -0.11 0.00	21.58 -0.02 -3.42
BROOME___LFGE 323600	20.77 0.02 -4.31	17.32 -0.01 -3.35	15.48 0.00 -2.70	15.55 -0.01 -2.60	14.36 0.01 -3.19	12.19 -0.05 -5.23	14.13 -0.07 -4.00	13.60 -0.09 -3.49	13.24 -0.09 -3.82	13.76 -0.07 -3.40	14.26 -0.10 -3.72	15.79 -0.17 -3.01	18.63 -0.19 -3.93	15.69 -0.09 -5.27	17.63 -0.12 -4.80	19.40 -0.10 -5.35	21.37 -0.15 -5.14	26.45 -0.17 -5.54	27.29 -0.08 -6.40	29.91 0.07 -6.51	30.33 0.05 -6.18	27.91 -0.13 -2.77	28.63 -0.11 0.00	21.58 -0.02 -3.42
BROWNFLS_115KV_TB_3_5 80003	16.20 -0.58 -0.34	13.76 -0.49 -0.26	12.53 -0.46 -0.21	12.73 -0.44 -0.20	11.02 -0.38 -0.24	7.19 -0.25 -0.42	10.17 -0.36 -0.32	10.11 -0.37 -0.28	9.48 -0.39 -0.36	10.29 -0.46 -0.32	10.53 -0.46 -0.35	12.69 -0.54 -0.29	14.61 -0.63 -0.34	10.56 -0.46 -0.50	12.83 -0.57 -0.46	14.02 -0.64 -0.50	16.20 -0.67 -0.49	20.68 -0.84 -0.44	20.75 -0.73 -0.51	23.16 -0.79 -0.62	24.00 -0.70 -0.59	24.80 -0.73 -0.26	27.82 -0.92 0.00	17.85 -0.60 -0.27
BROWNSV1_27_KV_LOAD 356125	30.97 1.71 -12.82	25.32 1.40 -9.94	22.01 1.21 -8.02	21.89 1.21 -7.72	21.22 1.04 -9.02	21.98 0.59 -14.37	22.09 0.89 -11.00	20.83 0.99 -9.64	22.64 0.93 -12.20	24.56 1.03 -13.10	25.96 1.03 -14.29	26.83 1.23 -12.65	27.23 1.41 -10.93	27.22 1.03 -15.68	29.22 1.27 -15.01	30.00 1.36 -14.49	32.11 1.56 -14.18	38.36 2.04 -15.24	40.61 2.03 -17.60	43.49 2.22 -17.95	43.40 2.27 -17.03	35.18 2.27 -7.64	31.22 2.47 0.00	29.00 1.42 -9.40
BURROWS___LYONSDAL 23803	16.89 0.02 -0.43	14.32 0.00 -0.34	13.02 -0.03 -0.27	13.22 0.00 -0.26	11.49 0.02 -0.31	7.54 -0.01 -0.54	10.59 -0.03 -0.41	10.52 -0.04 -0.36	9.87 -0.10 -0.46	10.73 -0.10 -0.41	10.99 -0.10 -0.45	13.17 -0.14 -0.37	15.16 -0.16 -0.43	11.05 -0.11 -0.64	13.40 -0.13 -0.59	14.67 -0.13 -0.65	16.89 -0.11 -0.63	21.59 -0.06 -0.57	21.67 0.04 -0.66	24.26 0.14 -0.79	25.10 0.24 -0.75	25.78 0.18 -0.34	28.80 0.06 0.00	18.56 0.04 -0.35
CAITHNESS_CC_1 323624	43.21 2.25 -24.52	42.25 1.76 -26.50	47.41 1.56 -33.07	41.39 1.58 -26.85	31.44 1.37 -18.91	25.17 0.81 -17.35	26.54 1.18 -15.16	21.10 1.25 -9.64	25.94 1.16 -15.28	26.29 1.27 -14.59	27.72 1.17 -15.91	32.67 1.36 -18.36	37.79 1.52 -21.38	37.77 1.14 -26.12	41.20 1.39 -26.88	44.90 1.49 -29.27	46.91 1.67 -28.87	67.66 2.19 -44.39	50.49 2.22 -27.30	58.94 2.47 -33.14	62.86 2.55 -36.20	49.13 2.55 -21.31	45.89 2.85 -14.30	39.55 1.80 -19.57
CALPINE BETH_PAGE_GT4 24209	42.59 1.97 -24.17	46.59 1.54 -31.07	47.65 1.37 -33.51	46.42 1.35 -32.11	33.91 1.17 -21.58	25.81 0.68 -18.11	27.46 1.00 -16.25	20.91 1.08 -9.62	27.15 1.01 -16.64	27.65 1.12 -16.11	29.29 1.09 -17.57	35.46 1.28 -21.23	40.95 1.46 -24.60	40.89 1.02 -29.36	44.88 1.26 -30.69	48.81 1.32 -33.34	50.74 1.46 -32.91	56.80 1.90 -33.83	52.72 1.91 -29.84	62.68 2.10 -37.26	67.66 2.15 -41.41	50.09 2.20 -22.63	49.49 2.50 -18.25	42.08 1.56 -22.34
CALPINE_BETH_PAGE_GT_4 323586	42.58 1.97 -24.17	46.59 1.54 -31.07	47.64 1.35 -33.51	46.42 1.35 -32.11	33.94 1.17 -21.61	25.85 0.68 -18.15	27.48 1.00 -16.28	20.93 1.08 -9.65	27.15 1.01 -16.64	27.65 1.12 -16.11	29.29 1.09 -17.57	35.46 1.28 -21.23	40.91 1.42 -24.60	40.92 1.04 -29.36	44.91 1.28 -30.69	48.85 1.36 -33.34	50.77 1.49 -32.90	56.93 1.98 -33.87	52.85 1.99 -29.89	62.80 2.22 -37.26	67.78 2.27 -41.41	50.19 2.30 -22.63	49.46 2.47 -18.25	42.09 1.54 -22.37
CALPINE_BP_GT1 23823	42.58 1.97 -24.17	46.59 1.54 -31.07	47.64 1.35 -33.51	46.42 1.35 -32.11	33.94 1.17 -21.61	25.85 0.68 -18.15	27.48 1.00 -16.28	20.93 1.08 -9.65	27.15 1.01 -16.64	27.65 1.12 -16.11	29.29 1.09 -17.57	35.46 1.28 -21.23	40.91 1.42 -24.60	40.92 1.04 -29.36	44.91 1.28 -30.69	48.85 1.36 -33.34	50.77 1.49 -32.90	56.93 1.98 -33.87	52.85 1.99 -29.89	62.80 2.22 -37.26	67.78 2.27 -41.41	50.19 2.30 -22.63	49.46 2.47 -18.25	42.09 1.54 -22.37
CALSPAN___DRP 24200	17.41 -1.22 -2.19	14.65 -1.03 -1.70	13.25 -0.89 -1.37	13.38 -0.91 -1.32	11.95 -0.76 -1.54	9.00 -0.48 -2.47	11.35 -0.74 -1.89	11.01 -0.85 -1.65	10.69 -0.76 -1.95	11.36 -0.80 -1.74	11.69 -0.85 -1.90	13.26 -1.23 -1.54	12.64 -1.41 0.84	12.25 -0.94 -2.67	14.23 -1.15 -2.44	15.16 -1.17 -2.19	15.60 -1.47 -0.70	17.54 -1.83 1.70	22.25 -1.74 -3.02	25.20 -1.47 -3.34	25.69 -1.59 -3.17	24.57 -2.12 -1.42	26.47 -2.27 0.00	18.77 -1.02 -1.62

CALVERTON___SOLAR 323806	43.31 2.35 -24.52	42.35 1.85 -26.52	47.53 1.62 -33.13	41.47 1.65 -26.86	31.50 1.43 -18.91	25.21 0.84 -17.35	26.60 1.23 -15.16	21.15 1.31 -9.64	26.00 1.21 -15.28	26.33 1.31 -14.60	27.74 1.18 -15.92	32.69 1.37 -18.37	37.83 1.55 -21.39	37.80 1.16 -26.13	41.24 1.41 -26.89	44.96 1.53 -29.28	46.99 1.73 -28.88	67.90 2.30 -44.53	50.61 2.33 -27.31	59.09 2.61 -33.15	63.00 2.68 -36.21	49.28 2.68 -21.34	46.02 2.96 -14.31	39.61 1.85 -19.58
CANDIGU_WT_PWR 323617	18.54 -0.84 -2.94	15.54 -0.73 -2.28	13.96 -0.65 -1.84	14.05 -0.69 -1.77	12.73 -0.57 -2.14	10.22 -0.39 -3.59	12.36 -0.59 -2.75	11.94 -0.66 -2.40	11.52 -0.62 -2.64	12.10 -0.68 -2.35	12.49 -0.72 -2.57	14.02 -1.01 -2.08	1.80 -1.18 11.92	13.37 -0.79 -3.64	15.30 -0.96 -3.32	14.14 -1.00 -0.99	8.25 -1.19 6.93	-0.56 -1.45 20.19	24.11 -1.26 -4.40	26.83 -0.98 -4.48	27.34 -1.01 -4.25	25.83 -1.34 -1.91	27.42 -1.32 0.00	19.87 -0.65 -2.35
CARR STREET_E_SYR 24060	17.63 -0.05 -1.24	14.88 -0.07 -0.96	13.48 -0.08 -0.78	13.63 -0.08 -0.75	12.12 -0.07 -1.02	8.75 -0.13 -1.86	11.43 -0.19 -1.42	11.24 -0.20 -1.24	10.68 -0.19 -1.36	11.46 -0.18 -1.22	11.79 -0.18 -1.33	13.77 -0.26 -1.08	15.88 -0.28 -1.27	12.23 -0.17 -1.88	14.46 -0.19 -1.71	15.84 -0.20 -1.88	17.94 -0.26 -1.83	22.71 -0.34 -1.97	22.97 -0.27 -2.28	25.48 -0.16 -2.32	26.11 -0.19 -2.20	25.90 -0.35 -0.99	28.23 -0.52 0.00	19.15 -0.24 -1.22
CARTHAGE___PAPER 23857	16.84 -0.20 -0.60	14.24 -0.21 -0.47	12.93 -0.22 -0.38	13.13 -0.19 -0.36	11.48 -0.15 -0.46	7.78 -0.13 -0.88	10.68 -0.20 -0.68	10.58 -0.21 -0.59	9.86 -0.29 -0.65	10.66 -0.34 -0.58	10.92 -0.35 -0.63	12.99 -0.47 -0.51	14.95 -0.55 -0.60	11.03 -0.38 -0.89	13.28 -0.48 -0.81	14.54 -0.51 -0.90	16.74 -0.51 -0.87	21.49 -0.53 -0.94	21.76 -0.29 -1.08	24.27 -0.16 -1.10	25.15 0.00 -1.04	25.66 -0.08 -0.47	28.48 -0.26 0.00	18.55 -0.20 -0.58
CASSADAGA_WT_PWR 323784	17.18 -1.58 -2.32	14.46 -1.33 -1.80	13.00 -1.23 -1.45	13.11 -1.26 -1.40	11.77 -1.05 -1.66	9.19 -0.67 -2.84	11.39 -0.99 -2.17	11.04 -1.06 -1.90	10.60 -0.96 -2.06	11.22 -1.04 -1.84	11.57 -1.07 -2.01	13.07 -1.50 -1.62	13.16 -1.73 0.00	12.20 -1.16 -2.84	14.12 -1.41 -2.59	15.15 -1.49 -2.49	16.08 -1.72 -1.43	18.85 -2.11 0.12	22.56 -1.89 -3.48	25.30 -1.56 -3.54	25.95 -1.52 -3.36	24.93 -1.84 -1.51	27.22 -1.52 0.00	19.32 -0.71 -1.86
CE_DUNWOOD___DRP 24194	30.67 1.45 -12.78	25.09 1.19 -9.92	21.80 1.02 -8.00	21.69 1.02 -7.71	21.05 0.88 -9.01	21.86 0.50 -14.34	21.92 0.73 -10.98	20.62 0.83 -9.59	20.79 0.77 -10.52	20.74 0.85 -9.46	21.82 0.85 -10.33	22.37 1.01 -8.41	25.85 1.16 -9.80	25.84 0.85 -14.48	27.21 1.05 -13.23	29.74 1.13 -14.46	31.81 1.28 -14.15	37.97 1.69 -15.21	40.22 1.68 -17.57	43.09 1.84 -17.91	42.98 1.88 -16.99	34.79 1.89 -7.63	30.81 2.07 0.00	28.78 1.22 -9.39
CE_MILLWOOD___DRP 24193	30.57 1.40 -12.73	25.01 1.15 -9.88	21.74 1.00 -7.97	21.64 1.00 -7.68	20.99 0.86 -8.97	21.79 0.48 -14.29	21.86 0.71 -10.94	20.55 0.80 -9.55	20.72 0.75 -10.47	20.66 0.83 -9.40	21.72 0.82 -10.26	22.27 0.97 -8.35	25.78 1.13 -9.75	25.75 0.82 -14.41	27.11 1.01 -13.16	29.65 1.09 -14.41	31.72 1.24 -14.10	37.85 1.62 -15.15	40.09 1.61 -17.50	42.97 1.80 -17.85	42.87 1.83 -16.93	34.71 1.84 -7.60	30.76 2.01 0.00	28.71 1.18 -9.35
CE_NYC2_DRP 24202	30.90 1.64 -12.82	25.28 1.36 -9.94	21.98 1.19 -8.02	21.86 1.18 -7.72	21.20 1.02 -9.03	21.95 0.56 -14.37	22.05 0.85 -11.00	20.79 0.94 -9.65	22.96 0.87 -12.58	25.32 0.97 -13.93	26.78 0.96 -15.18	27.69 1.13 -13.61	27.38 1.31 -11.18	27.41 0.96 -15.94	29.53 1.18 -15.42	29.91 1.27 -14.49	32.00 1.44 -14.18	38.17 1.85 -15.24	40.42 1.85 -17.60	43.31 2.03 -17.95	43.19 2.05 -17.03	35.01 2.10 -7.64	31.04 2.30 0.00	28.89 1.31 -9.41
CE_NYC_DRP 24195	30.87 1.61 -12.82	25.25 1.33 -9.94	21.94 1.15 -8.02	21.82 1.14 -7.72	21.17 0.98 -9.02	21.94 0.55 -14.37	22.04 0.84 -11.00	20.78 0.94 -9.64	22.48 0.87 -12.10	24.28 0.97 -12.89	25.66 0.97 -14.05	26.50 1.15 -12.40	27.08 1.33 -10.86	27.09 0.97 -15.61	29.04 1.19 -14.91	29.91 1.27 -14.49	32.00 1.44 -14.18	38.21 1.90 -15.24	40.46 1.89 -17.60	43.35 2.08 -17.95	43.23 2.10 -17.03	35.00 2.10 -7.64	31.04 2.30 0.00	28.90 1.33 -9.40
CHAFFEE___LFGE 323603	17.50 -1.22 -2.27	14.73 -1.02 -1.76	13.32 -0.88 -1.42	13.43 -0.91 -1.37	12.02 -0.76 -1.62	9.31 -0.48 -2.78	11.59 -0.74 -2.13	11.22 -0.84 -1.86	10.76 -0.75 -2.01	11.43 -0.79 -1.79	11.77 -0.83 -1.96	13.33 -1.20 -1.59	13.21 -1.38 0.30	12.37 -0.93 -2.78	14.35 -1.13 -2.53	15.37 -1.16 -2.38	16.14 -1.42 -1.19	18.72 -1.77 0.59	22.68 -1.70 -3.40	25.32 -1.47 -3.46	25.80 -1.59 -3.28	24.67 -2.07 -1.47	26.79 -1.96 0.00	18.99 -1.00 -1.82
CHATEAUG_35_KV_LOAD 355732	15.78 -0.66 0.00	13.48 -0.50 0.00	12.37 -0.41 0.00	12.57 -0.39 0.00	10.83 -0.33 0.00	6.84 -0.18 0.00	9.98 -0.22 0.00	10.00 -0.20 0.00	9.32 -0.18 0.00	10.18 -0.24 0.00	10.40 -0.23 0.00	12.72 -0.23 0.00	14.63 -0.27 0.00	10.28 -0.23 0.00	12.66 -0.28 0.00	13.78 -0.37 0.00	15.93 -0.44 0.00	20.38 -0.70 0.00	20.24 -0.73 0.00	22.35 -0.98 0.00	23.10 -1.01 0.00	24.30 -0.96 0.00	27.71 -1.03 0.00	17.48 -0.69 0.00
CHATEAUG_WT_PWR 323614	15.80 -0.64 0.00	13.48 -0.50 0.00	12.38 -0.40 0.00	12.59 -0.38 0.00	10.84 -0.32 0.00	6.84 -0.18 0.00	9.98 -0.22 0.00	10.01 -0.19 0.00	9.33 -0.17 0.00	10.20 -0.22 0.00	10.43 -0.21 0.00	12.74 -0.21 0.00	14.66 -0.24 0.00	10.31 -0.20 0.00	12.68 -0.26 0.00	13.81 -0.34 0.00	15.98 -0.39 0.00	20.43 -0.65 0.00	20.26 -0.71 0.00	22.37 -0.96 0.00	23.12 -0.99 0.00	24.30 -0.96 0.00	27.71 -1.03 0.00	17.48 -0.69 0.00
CHAT_HIGH_FALL_HYD 323578	15.78 -0.66 0.00	13.48 -0.50 0.00	12.37 -0.41 0.00	12.57 -0.39 0.00	10.83 -0.33 0.00	6.84 -0.18 0.00	9.98 -0.22 0.00	10.00 -0.20 0.00	9.32 -0.18 0.00	10.18 -0.24 0.00	10.40 -0.23 0.00	12.72 -0.23 0.00	14.63 -0.27 0.00	10.28 -0.23 0.00	12.66 -0.28 0.00	13.78 -0.37 0.00	15.93 -0.44 0.00	20.38 -0.70 0.00	20.24 -0.73 0.00	22.35 -0.98 0.00	23.10 -1.01 0.00	24.30 -0.96 0.00	27.71 -1.03 0.00	17.48 -0.69 0.00
CHAUTAUQUA___LFGE 323629	17.48 -1.23 -2.27	14.70 -1.05 -1.76	13.28 -0.92 -1.42	13.39 -0.95 -1.37	11.99 -0.79 -1.62	9.29 -0.51 -2.78	11.56 -0.77 -2.13	11.21 -0.85 -1.86	10.75 -0.76 -2.01	11.39 -0.82 -1.79	11.74 -0.86 -1.96	13.31 -1.23 -1.59	12.96 -1.44 0.49	12.34 -0.95 -2.77	14.32 -1.15 -2.53	15.29 -1.20 -2.34	15.97 -1.46 -1.05	18.39 -1.79 0.90	22.74 -1.64 -3.40	25.46 -1.33 -3.46	26.02 -1.37 -3.28	24.95 -1.79 -1.47	27.13 -1.61 0.00	19.26 -0.73 -1.82
CHERRYST_13_KV_LD 356241	30.92 1.66 -12.82	25.28 1.36 -9.94	21.97 1.18 -8.02	21.86 1.18 -7.72	21.19 1.00 -9.02	21.96 0.57 -14.37	22.06 0.86 -11.00	20.80 0.96 -9.64	22.52 0.90 -12.11	24.33 1.00 -12.91	25.72 1.00 -14.08	26.56 1.19 -12.42	27.13 1.37 -10.87	27.13 1.00 -15.61	29.09 1.23 -14.92	29.95 1.32 -14.49	32.04 1.49 -14.18	38.28 1.96 -15.24	40.52 1.95 -17.60	43.42 2.15 -17.95	43.31 2.17 -17.03	35.08 2.17 -7.64	31.13 2.39 0.00	28.94 1.36 -9.40

CHESTROR_138KV_BK263 355645	29.47 1.15 -11.88	24.15 0.95 -9.22	21.02 0.80 -7.44	20.94 0.82 -7.16	20.24 0.70 -8.37	20.74 0.39 -13.34	20.99 0.57 -10.21	19.76 0.64 -8.91	19.83 0.60 -9.73	19.77 0.67 -8.68	20.77 0.65 -9.48	21.39 0.76 -7.68	24.86 0.89 -9.08	24.59 0.65 -13.43	25.99 0.80 -12.24	28.46 0.86 -13.45	30.54 1.00 -13.17	36.53 1.31 -14.14	38.63 1.32 -16.34	41.46 1.47 -16.67	41.41 1.49 -15.81	33.85 1.49 -7.10	30.35 1.61 0.00	27.85 0.95 -8.73
CH_MIDHUDSON___DRP 24192	30.73 1.30 -13.00	25.14 1.08 -10.08	21.83 0.92 -8.14	21.72 0.92 -7.84	21.12 0.80 -9.16	22.04 0.44 -14.58	22.02 0.65 -11.16	20.67 0.72 -9.75	20.81 0.67 -10.63	20.66 0.75 -9.48	21.73 0.73 -10.36	22.21 0.87 -8.39	25.83 1.01 -9.92	25.93 0.74 -14.67	27.24 0.92 -13.38	29.84 0.99 -14.70	31.89 1.13 -14.39	38.04 1.50 -15.46	40.34 1.51 -17.86	43.22 1.68 -18.21	43.12 1.74 -17.28	34.71 1.69 -7.76	30.61 1.87 0.00	28.83 1.11 -9.54
CH_MISC_IPPS 23765	30.56 1.36 -12.75	25.00 1.12 -9.90	21.71 0.95 -7.98	21.61 0.96 -7.69	21.02 0.84 -9.02	21.83 0.46 -14.35	21.86 0.67 -10.99	20.54 0.74 -9.59	20.65 0.70 -10.44	20.51 0.77 -9.31	21.55 0.74 -10.17	22.08 0.89 -8.24	25.69 1.06 -9.74	25.69 0.77 -14.40	27.02 0.94 -13.14	29.61 1.03 -14.43	31.67 1.18 -14.12	37.88 1.58 -15.22	40.12 1.57 -17.58	42.98 1.77 -17.88	42.90 1.83 -16.96	34.70 1.82 -7.61	30.64 1.90 0.00	28.69 1.13 -9.39
CH_RES_BVR_FALLS 23983	16.16 -0.28 0.00	13.76 -0.22 0.00	12.57 -0.20 0.00	12.77 -0.19 0.00	11.01 -0.16 0.00	6.91 -0.11 0.00	10.04 -0.16 0.00	10.04 -0.16 0.00	9.35 -0.15 0.00	10.25 -0.18 0.00	10.46 -0.18 0.00	12.74 -0.21 0.00	14.66 -0.24 0.00	10.34 -0.18 0.00	12.72 -0.22 0.00	13.90 -0.25 0.00	16.09 -0.28 0.00	20.70 -0.38 0.00	20.61 -0.36 0.00	22.91 -0.42 0.00	23.70 -0.41 0.00	24.84 -0.43 0.00	28.25 -0.49 0.00	17.86 -0.31 0.00
CH_RES_NIAGARA 23895	17.12 -1.33 -2.01	14.47 -1.08 -1.56	13.13 -0.91 -1.26	13.24 -0.93 -1.21	11.82 -0.76 -1.42	8.77 -0.49 -2.25	11.17 -0.76 -1.72	10.79 -0.92 -1.50	10.47 -0.83 -1.79	11.16 -0.87 -1.60	11.46 -0.93 -1.75	13.03 -1.33 -1.41	13.04 -1.41 0.44	11.94 -1.02 -2.45	13.92 -1.26 -2.23	14.94 -1.27 -2.06	15.72 -1.52 -0.87	18.21 -1.90 0.97	21.69 -2.03 -2.75	24.55 -1.84 -3.07	24.97 -2.05 -2.91	23.94 -2.63 -1.31	25.58 -3.16 0.00	18.32 -1.33 -1.47
CH_RES_SYRACUSE 23985	17.65 -0.03 -1.25	14.90 -0.06 -0.97	13.49 -0.06 -0.78	13.64 -0.08 -0.75	12.06 -0.06 -0.95	8.66 -0.13 -1.78	11.36 -0.20 -1.36	11.18 -0.21 -1.19	10.63 -0.19 -1.31	11.42 -0.18 -1.17	11.74 -0.18 -1.28	13.74 -0.25 -1.04	15.84 -0.28 -1.23	12.16 -0.17 -1.81	14.40 -0.19 -1.65	15.78 -0.18 -1.82	17.86 -0.26 -1.75	22.60 -0.36 -1.88	22.85 -0.29 -2.17	25.35 -0.19 -2.21	25.99 -0.22 -2.10	25.85 -0.35 -0.94	28.20 -0.55 0.00	19.10 -0.24 -1.16
CLINTON_WT_PWR 323605	15.80 -0.64 0.00	13.48 -0.50 0.00	12.38 -0.40 0.00	12.59 -0.38 0.00	10.84 -0.32 0.00	6.84 -0.18 0.00	9.98 -0.22 0.00	10.01 -0.19 0.00	9.33 -0.17 0.00	10.20 -0.22 0.00	10.43 -0.21 0.00	12.74 -0.21 0.00	14.66 -0.24 0.00	10.31 -0.20 0.00	12.68 -0.26 0.00	13.81 -0.34 0.00	15.98 -0.39 0.00	20.43 -0.65 0.00	20.26 -0.71 0.00	22.37 -0.96 0.00	23.12 -0.99 0.00	24.30 -0.96 0.00	27.71 -1.03 0.00	17.48 -0.69 0.00
CLINTON___LFGE 323618	15.96 -0.48 0.00	13.63 -0.35 0.00	12.49 -0.28 0.00	12.72 -0.25 0.00	10.94 -0.22 0.00	6.91 -0.11 0.00	10.09 -0.11 0.00	10.12 -0.08 0.00	9.45 -0.06 0.00	10.32 -0.10 0.00	10.54 -0.10 0.00	12.90 -0.05 0.00	14.84 -0.06 0.00	10.43 -0.08 0.00	12.82 -0.12 0.00	13.95 -0.20 0.00	16.16 -0.21 0.00	20.61 -0.46 0.00	20.45 -0.52 0.00	22.58 -0.75 0.00	23.34 -0.77 0.00	24.51 -0.76 0.00	27.91 -0.83 0.00	17.63 -0.54 0.00
COBBLENY_34_KV_TB1 80064	17.50 -1.22 -2.27	14.73 -1.02 -1.76	13.32 -0.88 -1.42	13.43 -0.91 -1.37	12.00 -0.76 -1.60	9.10 -0.48 -2.57	11.42 -0.74 -1.97	11.08 -0.84 -1.72	10.77 -0.75 -2.02	11.43 -0.79 -1.80	11.78 -0.83 -1.97	13.34 -1.20 -1.60	13.22 -1.39 0.29	12.38 -0.91 -2.78	14.35 -1.13 -2.53	15.37 -1.16 -2.38	16.10 -1.42 -1.15	18.50 -1.77 0.81	22.42 -1.70 -3.15	25.37 -1.42 -3.46	25.85 -1.54 -3.28	24.67 -2.07 -1.47	26.59 -2.16 0.00	18.85 -1.00 -1.68
COFFEEN___115KV_TB3 355620	17.14 0.02 -0.69	14.49 -0.03 -0.53	13.14 -0.06 -0.43	13.35 -0.03 -0.41	11.66 0.01 -0.48	7.81 -0.05 -0.84	10.74 -0.10 -0.64	10.63 -0.13 -0.56	10.00 -0.24 -0.74	10.82 -0.26 -0.66	11.09 -0.27 -0.72	13.15 -0.38 -0.58	15.12 -0.46 -0.69	11.23 -0.30 -1.02	13.50 -0.38 -0.93	14.79 -0.38 -1.02	17.00 -0.38 -1.00	21.65 -0.32 -0.89	21.96 -0.04 -1.03	24.80 0.21 -1.26	25.74 0.43 -1.19	26.10 0.30 -0.54	28.83 0.09 0.00	18.78 0.05 -0.55
COLDSPRG_115KV_BK1 355956	17.62 -1.22 -2.40	14.83 -1.02 -1.86	13.36 -0.92 -1.50	13.48 -0.93 -1.45	12.06 -0.79 -1.69	9.25 -0.50 -2.73	11.53 -0.77 -2.09	11.19 -0.84 -1.82	10.90 -0.74 -2.14	11.53 -0.80 -1.91	11.89 -0.83 -2.08	13.43 -1.20 -1.69	14.26 -1.40 -0.77	12.54 -0.91 -2.94	14.50 -1.13 -2.68	15.70 -1.17 -2.72	17.00 -1.38 -2.00	20.27 -1.71 -0.90	22.76 -1.55 -3.34	25.77 -1.21 -3.66	26.37 -1.21 -3.47	25.21 -1.62 -1.56	27.45 -1.29 0.00	19.29 -0.67 -1.79
COLONIE_LFGE___ 323577	33.65 0.67 -16.53	27.39 0.57 -12.83	23.65 0.52 -10.35	23.46 0.53 -9.97	23.30 0.47 -11.67	25.83 0.25 -18.56	24.77 0.36 -14.21	22.94 0.34 -12.40	23.32 0.31 -13.50	22.82 0.35 -12.04	24.16 0.37 -13.15	24.05 0.44 -10.66	27.98 0.49 -12.59	29.49 0.35 -18.63	30.35 0.43 -16.99	33.29 0.48 -18.66	35.21 0.57 -18.26	41.50 0.74 -19.68	44.48 0.78 -22.73	47.36 0.91 -23.12	46.98 0.94 -21.93	36.05 0.94 -9.85	29.75 1.01 0.00	30.99 0.67 -12.15
COOPERNY_115KV_TB1 80082	26.99 0.84 -9.71	22.21 0.69 -7.54	19.46 0.60 -6.08	19.42 0.60 -5.86	18.53 0.52 -6.85	18.22 0.28 -10.92	18.98 0.42 -8.36	17.97 0.47 -7.30	17.91 0.44 -7.97	18.03 0.49 -7.11	18.88 0.47 -7.77	19.79 0.54 -6.29	22.97 0.64 -7.44	21.99 0.47 -11.01	23.56 0.58 -10.04	25.81 0.64 -11.03	27.89 0.72 -10.79	33.61 0.95 -11.58	35.29 0.94 -13.38	38.06 1.07 -13.66	38.18 1.11 -12.96	32.17 1.09 -5.82	29.92 1.18 0.00	26.03 0.71 -7.15
COPENHAGEN_WT_PWR 323753	17.08 -0.07 -0.71	14.45 -0.08 -0.55	13.11 -0.12 -0.44	13.30 -0.09 -0.43	11.65 -0.06 -0.55	7.97 -0.09 -1.04	10.84 -0.16 -0.80	10.72 -0.18 -0.70	10.00 -0.27 -0.76	10.82 -0.28 -0.68	11.10 -0.29 -0.75	13.16 -0.39 -0.60	15.15 -0.46 -0.71	11.27 -0.31 -1.06	13.53 -0.38 -0.96	14.81 -0.40 -1.06	16.99 -0.41 -1.03	21.78 -0.40 -1.11	22.08 -0.17 -1.28	24.65 0.02 -1.30	25.54 0.19 -1.23	25.90 0.08 -0.55	28.66 -0.09 0.00	18.80 -0.05 -0.68
CORNELL_____ 23752	19.68 0.25 -3.00	16.49 0.18 -2.32	14.80 0.15 -1.87	14.91 0.14 -1.81	13.42 0.15 -2.11	10.62 0.02 -3.59	12.98 0.03 -2.74	12.62 0.02 -2.40	12.26 0.00 -2.75	12.89 0.01 -2.45	13.31 -0.01 -2.68	15.06 -0.06 -2.17	18.48 -0.09 -3.68	14.33 -0.03 -3.85	16.42 -0.03 -3.51	18.21 0.00 -4.06	20.93 -0.02 -4.57	26.51 0.04 -5.38	25.57 0.21 -4.39	28.46 0.42 -4.71	29.01 0.43 -4.47	27.55 0.28 -2.01	28.89 0.14 0.00	20.72 0.20 -2.35

CORONA__69_KV_TB1 355595	41.84 1.86 -23.55	55.27 1.45 -39.83	57.82 1.28 -43.77	56.43 1.26 -42.21	39.04 1.09 -26.78	27.31 0.63 -19.66	29.57 0.94 -18.43	20.86 1.03 -9.63	29.70 0.95 -19.24	30.51 1.05 -19.03	32.41 1.03 -20.74	40.90 1.22 -26.73	47.05 1.39 -30.77	47.12 1.03 -35.57	52.21 1.27 -38.00	56.63 1.33 -41.15	58.53 1.49 -40.67	64.16 1.92 -41.16	57.81 1.93 -34.91	70.70 2.12 -45.25	77.81 2.19 -51.51	56.28 2.22 -28.79	57.08 2.53 -25.81	47.46 1.58 -27.70
CORTLAND__115KV_TB3 80093	19.05 0.16 -2.44	15.99 0.11 -1.90	14.40 0.09 -1.53	14.53 0.09 -1.47	12.97 0.09 -1.72	10.01 -0.01 -3.00	12.48 -0.02 -2.29	12.18 -0.03 -2.00	11.79 -0.04 -2.32	12.48 -0.02 -2.07	12.87 -0.03 -2.26	14.69 -0.09 -1.83	17.38 -0.10 -2.59	13.70 -0.04 -3.23	15.85 -0.04 -2.95	17.44 -0.03 -3.32	19.80 -0.05 -3.48	24.82 -0.02 -3.76	24.72 0.08 -3.67	27.57 0.26 -3.98	28.15 0.27 -3.78	27.09 0.13 -1.69	28.74 0.00 0.00	20.23 0.09 -1.96
COXSACKIE__GT 23611	32.16 0.66 -15.07	26.26 0.59 -11.69	22.69 0.49 -9.43	22.58 0.53 -9.08	22.27 0.47 -10.64	24.17 0.22 -16.92	23.47 0.31 -12.96	21.76 0.24 -11.31	22.03 0.22 -12.31	21.60 0.20 -10.98	22.78 0.15 -11.99	22.86 0.19 -9.72	26.62 0.24 -11.48	27.67 0.17 -16.99	28.66 0.23 -15.49	31.44 0.27 -17.02	33.40 0.38 -16.65	39.61 0.59 -17.95	42.43 0.73 -20.73	45.30 0.89 -21.08	45.08 0.97 -20.00	35.18 0.94 -8.98	30.21 1.47 0.00	29.74 0.49 -11.08
CPV_VALLEY__CC1 323721	28.55 1.02 -11.09	23.42 0.82 -8.61	20.44 0.72 -6.94	20.36 0.71 -6.69	19.63 0.61 -7.85	19.86 0.34 -12.50	20.27 0.50 -9.57	19.13 0.57 -8.35	19.13 0.53 -9.09	19.13 0.59 -8.11	20.07 0.57 -8.86	20.80 0.67 -7.18	24.17 0.79 -8.48	23.64 0.58 -12.55	25.10 0.71 -11.44	27.50 0.78 -12.57	29.54 0.87 -12.30	35.47 1.14 -13.26	37.41 1.13 -15.31	40.19 1.28 -15.57	40.21 1.33 -14.77	33.21 1.31 -6.63	30.09 1.35 0.00	27.17 0.82 -8.18
CPV_VALLEY__CC2 323722	28.55 1.02 -11.09	23.42 0.82 -8.61	20.44 0.72 -6.94	20.36 0.71 -6.69	19.63 0.61 -7.85	19.86 0.34 -12.50	20.27 0.50 -9.57	19.13 0.57 -8.35	19.13 0.53 -9.09	19.13 0.59 -8.11	20.07 0.57 -8.86	20.80 0.67 -7.18	24.17 0.79 -8.48	23.64 0.58 -12.55	25.10 0.71 -11.44	27.50 0.78 -12.57	29.54 0.87 -12.30	35.47 1.14 -13.26	37.41 1.13 -15.31	40.19 1.28 -15.57	40.21 1.33 -14.77	33.21 1.31 -6.63	30.09 1.35 0.00	27.17 0.82 -8.18
CRESCENT__HYD 24018	33.65 0.67 -16.53	27.39 0.57 -12.83	23.65 0.52 -10.35	23.46 0.53 -9.97	23.30 0.47 -11.67	25.83 0.25 -18.56	24.77 0.36 -14.21	22.94 0.34 -12.40	23.32 0.31 -13.50	22.82 0.35 -12.04	24.16 0.37 -13.15	24.05 0.44 -10.66	27.98 0.49 -12.59	29.49 0.35 -18.63	30.35 0.43 -16.99	33.29 0.48 -18.66	35.21 0.57 -18.26	41.50 0.74 -19.68	44.48 0.78 -22.73	47.36 0.91 -23.12	46.98 0.94 -21.93	36.05 0.94 -9.85	29.75 1.01 0.00	30.99 0.67 -12.15
CRICKET__VALLEY_CC1 323756	31.12 1.27 -13.41	25.42 1.03 -10.40	22.06 0.89 -8.39	21.94 0.89 -8.09	21.42 0.78 -9.48	22.53 0.44 -15.08	22.39 0.64 -11.54	20.99 0.70 -10.08	21.14 0.67 -10.97	20.95 0.74 -9.79	22.06 0.73 -10.69	22.48 0.87 -8.66	26.14 1.01 -10.24	26.39 0.74 -15.14	27.64 0.89 -13.80	30.29 0.98 -15.17	32.31 1.10 -14.84	38.48 1.41 -15.99	40.83 1.38 -18.47	43.66 1.54 -18.79	43.52 1.59 -17.82	34.83 1.57 -8.00	30.41 1.67 0.00	29.12 1.07 -9.87
CRICKET__VALLEY_CC2 323757	31.12 1.27 -13.41	25.42 1.03 -10.40	22.06 0.89 -8.39	21.94 0.89 -8.09	21.42 0.78 -9.48	22.53 0.44 -15.08	22.39 0.64 -11.54	20.99 0.70 -10.08	21.14 0.67 -10.97	20.95 0.74 -9.79	22.06 0.73 -10.69	22.48 0.87 -8.66	26.14 1.01 -10.24	26.39 0.74 -15.14	27.64 0.89 -13.80	30.29 0.98 -15.17	32.31 1.10 -14.84	38.48 1.41 -15.99	40.83 1.38 -18.47	43.66 1.54 -18.79	43.52 1.59 -17.82	34.83 1.57 -8.00	30.41 1.67 0.00	29.12 1.07 -9.87
CRICKET__VALLEY_CC3 323758	31.12 1.27 -13.41	25.42 1.03 -10.40	22.06 0.89 -8.39	21.94 0.89 -8.09	21.42 0.78 -9.48	22.53 0.44 -15.08	22.39 0.64 -11.54	20.99 0.70 -10.08	21.14 0.67 -10.97	20.95 0.74 -9.79	22.06 0.73 -10.69	22.48 0.87 -8.66	26.14 1.01 -10.24	26.39 0.74 -15.14	27.64 0.89 -13.80	30.29 0.98 -15.17	32.31 1.10 -14.84	38.48 1.41 -15.99	40.83 1.38 -18.47	43.66 1.54 -18.79	43.52 1.59 -17.82	34.83 1.57 -8.00	30.41 1.67 0.00	29.12 1.07 -9.87
CRUCIBLE_METL_DRP 24180	17.65 -0.03 -1.25	14.90 -0.06 -0.97	13.49 -0.06 -0.78	13.64 -0.08 -0.75	11.98 -0.06 -0.88	8.40 -0.13 -1.51	11.16 -0.20 -1.16	11.00 -0.21 -1.01	10.61 -0.19 -1.29	11.40 -0.18 -1.15	11.72 -0.18 -1.26	13.72 -0.25 -1.02	15.82 -0.28 -1.21	12.17 -0.16 -1.81	14.40 -0.19 -1.65	15.78 -0.18 -1.82	17.89 -0.26 -1.78	22.32 -0.36 -1.60	22.53 -0.29 -1.85	25.36 -0.19 -2.21	26.02 -0.19 -2.10	25.85 -0.35 -0.94	28.14 -0.60 0.00	18.91 -0.25 -0.99
DAHOWA__HYDRO 323763	34.03 0.85 -16.74	27.69 0.71 -12.99	23.87 0.61 -10.48	23.70 0.65 -10.09	23.55 0.57 -11.82	26.12 0.31 -18.79	25.02 0.43 -14.38	23.18 0.42 -12.56	23.55 0.38 -13.67	23.03 0.42 -12.19	24.38 0.43 -13.32	24.27 0.53 -10.79	28.26 0.61 -12.75	29.80 0.43 -18.86	30.71 0.57 -17.20	33.69 0.65 -18.89	35.62 0.75 -18.49	42.01 1.01 -19.92	45.03 1.05 -23.01	48.00 1.26 -23.41	47.62 1.30 -22.21	36.52 1.29 -9.97	30.12 1.38 0.00	31.36 0.89 -12.30
DANC__LFGE 323619	17.18 -0.10 -0.84	14.51 -0.13 -0.65	13.16 -0.14 -0.52	13.35 -0.12 -0.50	11.70 -0.10 -0.64	8.11 -0.14 -1.23	10.92 -0.22 -0.94	10.78 -0.24 -0.82	10.12 -0.28 -0.90	10.95 -0.28 -0.80	11.23 -0.29 -0.88	13.27 -0.39 -0.71	15.27 -0.46 -0.84	11.45 -0.31 -1.24	13.71 -0.36 -1.13	15.01 -0.38 -1.25	17.16 -0.43 -1.21	21.90 -0.48 -1.30	22.16 -0.31 -1.51	24.70 -0.16 -1.53	25.49 -0.07 -1.45	25.69 -0.23 -0.65	28.37 -0.37 0.00	18.78 -0.20 -0.80
DANSKAMMER__1 23586	30.56 1.36 -12.75	25.00 1.12 -9.90	21.71 0.95 -7.98	21.61 0.96 -7.69	21.02 0.84 -9.02	21.83 0.46 -14.35	21.86 0.67 -10.99	20.54 0.74 -9.59	20.65 0.70 -10.44	20.51 0.77 -9.31	21.55 0.74 -10.17	22.08 0.89 -8.24	25.69 1.06 -9.74	25.69 0.77 -14.40	27.02 0.94 -13.14	29.61 1.03 -14.43	31.67 1.18 -14.12	37.88 1.58 -15.22	40.12 1.57 -17.58	42.98 1.77 -17.88	42.90 1.83 -16.96	34.70 1.82 -7.61	30.64 1.90 0.00	28.69 1.13 -9.39
DANSKAMMER__2 23589	30.56 1.36 -12.75	25.00 1.12 -9.90	21.71 0.95 -7.98	21.61 0.96 -7.69	21.02 0.84 -9.02	21.83 0.46 -14.35	21.86 0.67 -10.99	20.54 0.74 -9.59	20.65 0.70 -10.44	20.51 0.77 -9.31	21.55 0.74 -10.17	22.08 0.89 -8.24	25.69 1.06 -9.74	25.69 0.77 -14.40	27.02 0.94 -13.14	29.61 1.03 -14.43	31.67 1.18 -14.12	37.88 1.58 -15.22	40.12 1.57 -17.58	42.98 1.77 -17.88	42.90 1.83 -16.96	34.70 1.82 -7.61	30.64 1.90 0.00	28.69 1.13 -9.39
DANSKAMMER__3 23590	30.56 1.36 -12.75	25.00 1.12 -9.90	21.71 0.95 -7.98	21.61 0.96 -7.69	21.02 0.84 -9.02	21.83 0.46 -14.35	21.86 0.67 -10.99	20.54 0.74 -9.59	20.65 0.70 -10.44	20.51 0.77 -9.31	21.55 0.74 -10.17	22.08 0.89 -8.24	25.69 1.06 -9.74	25.69 0.77 -14.40	27.02 0.94 -13.14	29.61 1.03 -14.43	31.67 1.18 -14.12	37.88 1.58 -15.22	40.12 1.57 -17.58	42.98 1.77 -17.88	42.90 1.83 -16.96	34.70 1.82 -7.61	30.64 1.90 0.00	28.69 1.13 -9.39

DANSKAMMER___4 23591	30.56 1.36 -12.75	25.00 1.12 -9.90	21.71 0.95 -7.98	21.61 0.96 -7.69	21.02 0.84 -9.02	21.83 0.46 -14.35	21.86 0.67 -10.99	20.54 0.74 -9.59	20.65 0.70 -10.44	20.51 0.77 -9.31	21.55 0.74 -10.17	22.08 0.89 -8.24	25.69 1.06 -9.74	25.69 0.77 -14.40	27.02 0.94 -13.14	29.61 1.03 -14.43	31.67 1.18 -14.12	37.88 1.58 -15.22	40.12 1.57 -17.58	42.98 1.77 -17.88	42.90 1.83 -16.96	34.70 1.82 -7.61	30.64 1.90 0.00	28.69 1.13 -9.39
DANSKAMMER___DIESEL 23592	30.56 1.36 -12.75	25.00 1.12 -9.90	21.71 0.95 -7.98	21.61 0.96 -7.69	20.99 0.84 -8.99	21.79 0.46 -14.31	21.83 0.67 -10.96	20.51 0.74 -9.57	20.64 0.70 -10.44	20.50 0.77 -9.31	21.55 0.74 -10.17	22.08 0.89 -8.24	25.67 1.04 -9.74	25.68 0.76 -14.40	27.02 0.94 -13.14	29.60 1.02 -14.43	31.68 1.18 -14.13	37.79 1.54 -15.18	40.07 1.57 -17.53	42.96 1.75 -17.88	42.90 1.83 -16.96	34.67 1.79 -7.61	30.70 1.95 0.00	28.69 1.14 -9.37
DARBY___SOLAR 323810	33.97 0.82 -16.71	27.64 0.69 -12.97	23.84 0.60 -10.46	23.66 0.62 -10.08	23.51 0.55 -11.80	26.08 0.30 -18.76	24.98 0.42 -14.36	23.14 0.40 -12.54	23.51 0.36 -13.64	22.99 0.40 -12.17	24.35 0.41 -13.29	24.22 0.50 -10.77	28.20 0.58 -12.73	29.75 0.41 -18.83	30.65 0.54 -17.17	33.62 0.61 -18.86	35.54 0.70 -18.46	41.92 0.95 -19.89	44.93 0.99 -22.98	47.91 1.21 -23.37	47.51 1.23 -22.17	36.45 1.24 -9.95	30.07 1.32 0.00	31.29 0.84 -12.28
DASHVILLE___HYD 23610	30.61 1.17 -13.00	25.04 0.96 -10.09	21.71 0.79 -8.14	21.61 0.80 -7.84	21.02 0.69 -9.17	21.98 0.37 -14.59	21.93 0.55 -11.17	20.59 0.63 -9.75	20.74 0.60 -10.64	20.58 0.67 -9.49	21.63 0.63 -10.37	22.08 0.74 -8.40	25.68 0.86 -9.93	25.84 0.64 -14.68	27.12 0.79 -13.39	29.71 0.85 -14.71	31.75 0.98 -14.40	37.86 1.31 -15.47	40.19 1.34 -17.87	43.05 1.49 -18.22	42.94 1.54 -17.29	34.52 1.49 -7.76	30.70 1.95 0.00	28.63 0.91 -9.55
DELAWARE___LFGE 323621	22.78 0.62 -5.72	18.92 0.50 -4.44	16.82 0.46 -3.58	16.88 0.47 -3.45	15.62 0.42 -4.03	13.77 0.22 -6.53	15.52 0.32 -5.00	14.90 0.33 -4.37	14.61 0.29 -4.82	15.06 0.33 -4.30	15.67 0.34 -4.69	17.13 0.38 -3.80	19.82 0.43 -4.50	17.51 0.34 -6.66	19.44 0.43 -6.07	21.29 0.47 -6.67	23.43 0.52 -6.53	28.70 0.70 -6.93	29.68 0.71 -8.00	32.45 0.86 -8.25	32.83 0.89 -7.83	29.61 0.83 -3.51	29.63 0.89 0.00	23.03 0.58 -4.27
DERFIELD_115KV_TB7 355931	16.54 0.10 0.00	14.05 0.07 0.00	12.84 0.06 0.00	13.03 0.06 0.00	11.23 0.07 0.00	7.04 0.02 0.00	10.23 0.03 0.00	10.22 0.02 0.00	9.51 0.01 0.00	10.44 0.02 0.00	10.66 0.02 0.00	12.96 0.01 0.00	14.91 0.01 0.00	10.54 0.02 0.00	12.97 0.03 0.00	14.18 0.03 0.00	16.41 0.03 0.00	21.12 0.04 0.00	21.03 0.06 0.00	23.42 0.09 0.00	24.21 0.10 0.00	25.34 0.08 0.00	28.80 0.06 0.00	18.23 0.05 0.00
DOGLEVILLE___HYD 23807	16.26 -0.18 0.00	13.82 -0.17 0.00	12.64 -0.14 0.00	12.83 -0.13 0.00	11.07 -0.09 0.00	6.94 -0.08 0.00	10.09 -0.11 0.00	10.07 -0.13 0.00	9.35 -0.15 0.00	10.25 -0.18 0.00	10.46 -0.18 0.00	12.69 -0.26 0.00	14.58 -0.31 0.00	10.29 -0.22 0.00	12.67 -0.27 0.00	13.84 -0.31 0.00	16.00 -0.38 0.00	20.59 -0.48 0.00	20.51 -0.46 0.00	22.84 -0.49 0.00	23.65 -0.46 0.00	24.73 -0.53 0.00	28.11 -0.63 0.00	17.77 -0.40 0.00
DUNKIRK__115KV_TB_200 55889	17.51 -1.20 -2.27	14.74 -1.01 -1.76	13.31 -0.88 -1.42	13.42 -0.91 -1.37	12.00 -0.76 -1.60	9.09 -0.48 -2.56	11.43 -0.73 -1.96	11.10 -0.82 -1.71	10.79 -0.73 -2.02	11.43 -0.79 -1.80	11.77 -0.83 -1.96	13.34 -1.20 -1.59	12.97 -1.40 0.53	12.37 -0.91 -2.77	14.34 -1.13 -2.52	15.32 -1.16 -2.33	15.92 -1.42 -0.97	18.13 -1.75 1.20	22.51 -1.59 -3.14	25.50 -1.28 -3.45	26.06 -1.33 -3.28	24.97 -1.77 -1.47	26.93 -1.81 0.00	19.10 -0.75 -1.68
DUNKIRK___1 23563	17.51 -1.20 -2.27	14.74 -1.01 -1.76	13.31 -0.88 -1.42	13.42 -0.91 -1.37	12.00 -0.76 -1.60	9.09 -0.48 -2.56	11.43 -0.73 -1.96	11.10 -0.82 -1.71	10.79 -0.73 -2.02	11.43 -0.79 -1.80	11.77 -0.83 -1.96	13.34 -1.20 -1.59	12.97 -1.40 0.53	12.37 -0.91 -2.77	14.34 -1.13 -2.52	15.32 -1.16 -2.33	15.92 -1.42 -0.97	18.13 -1.75 1.20	22.51 -1.59 -3.14	25.50 -1.28 -3.45	26.06 -1.33 -3.28	24.97 -1.77 -1.47	26.93 -1.81 0.00	19.10 -0.75 -1.68
DUNKIRK___2 23564	17.51 -1.20 -2.27	14.74 -1.01 -1.76	13.31 -0.88 -1.42	13.42 -0.91 -1.37	12.00 -0.76 -1.60	9.09 -0.48 -2.56	11.43 -0.73 -1.96	11.10 -0.82 -1.71	10.79 -0.73 -2.02	11.43 -0.79 -1.80	11.77 -0.83 -1.96	13.34 -1.20 -1.59	12.97 -1.40 0.53	12.37 -0.91 -2.77	14.34 -1.13 -2.52	15.32 -1.16 -2.33	15.92 -1.42 -0.97	18.13 -1.75 1.20	22.51 -1.59 -3.14	25.50 -1.28 -3.45	26.06 -1.33 -3.28	24.97 -1.77 -1.47	26.93 -1.81 0.00	19.10 -0.75 -1.68
DUNKIRK___3 23565	17.51 -1.18 -2.26	14.74 -0.99 -1.75	13.32 -0.87 -1.41	13.43 -0.89 -1.36	12.02 -0.74 -1.59	9.09 -0.48 -2.55	11.43 -0.72 -1.95	11.09 -0.82 -1.70	10.78 -0.73 -2.01	11.43 -0.78 -1.79	11.76 -0.83 -1.96	13.34 -1.19 -1.58	12.79 -1.37 0.73	12.37 -0.90 -2.75	14.34 -1.11 -2.51	15.28 -1.15 -2.28	15.80 -1.39 -0.82	17.82 -1.73 1.53	22.48 -1.61 -3.12	25.44 -1.33 -3.44	25.97 -1.40 -3.26	24.86 -1.87 -1.46	26.82 -1.93 0.00	18.99 -0.85 -1.67
DUNKIRK___4 23566	17.51 -1.18 -2.26	14.74 -0.99 -1.75	13.32 -0.87 -1.41	13.43 -0.89 -1.36	12.02 -0.74 -1.59	9.09 -0.48 -2.55	11.43 -0.72 -1.95	11.09 -0.82 -1.70	10.78 -0.73 -2.01	11.43 -0.78 -1.79	11.76 -0.83 -1.96	13.34 -1.19 -1.58	12.79 -1.37 0.73	12.37 -0.90 -2.75	14.34 -1.11 -2.51	15.28 -1.15 -2.28	15.80 -1.39 -0.82	17.82 -1.73 1.53	22.48 -1.61 -3.12	25.44 -1.33 -3.44	25.97 -1.40 -3.26	24.86 -1.87 -1.46	26.82 -1.93 0.00	18.99 -0.85 -1.67
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	30.74 1.50 -12.81	25.15 1.23 -9.94	21.85 1.06 -8.02	21.73 1.05 -7.72	21.10 0.92 -9.03	21.90 0.51 -14.37	21.97 0.77 -11.00	20.66 0.86 -9.60	20.75 0.81 -10.43	20.57 0.90 -9.25	21.64 0.89 -10.10	22.16 1.05 -8.16	25.86 1.22 -9.75	25.83 0.88 -14.43	27.17 1.09 -13.14	29.81 1.17 -14.49	31.88 1.33 -14.18	38.07 1.75 -15.24	40.29 1.72 -17.60	43.19 1.91 -17.95	43.09 1.95 -17.03	34.85 1.95 -7.64	30.87 2.13 0.00	28.83 1.25 -9.41
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	30.05 1.27 -12.34	24.61 1.05 -9.58	21.38 0.88 -7.73	21.30 0.89 -7.44	20.63 0.77 -8.70	21.30 0.43 -13.86	21.44 0.63 -10.61	20.17 0.70 -9.26	20.26 0.66 -10.10	20.17 0.73 -9.01	21.19 0.70 -9.84	21.75 0.83 -7.98	25.29 0.97 -9.43	25.16 0.70 -13.95	26.54 0.88 -12.72	29.07 0.95 -13.97	31.15 1.10 -13.68	37.20 1.43 -14.69	39.41 1.47 -16.97	42.25 1.61 -17.31	42.22 1.69 -16.42	34.28 1.64 -7.37	30.55 1.81 0.00	28.30 1.05 -9.07
E179THST_138_KV_TB4_REV_LBMP_J 345001	30.84 1.58 -12.82	25.23 1.30 -9.94	21.94 1.15 -8.02	21.82 1.14 -7.72	21.17 0.98 -9.03	21.92 0.53 -14.37	22.01 0.81 -11.00	20.70 0.90 -9.60	20.88 0.84 -10.54	20.84 0.93 -9.49	21.92 0.91 -10.37	22.47 1.07 -8.44	25.96 1.25 -9.81	25.93 0.91 -14.50	27.32 1.13 -13.25	29.86 1.22 -14.49	31.93 1.38 -14.18	38.09 1.77 -15.24	40.33 1.76 -17.60	43.21 1.94 -17.95	43.09 1.95 -17.03	34.88 1.97 -7.64	30.93 2.18 0.00	28.81 1.24 -9.41

E179THST_13_KV_LOAD 356214	30.92 1.66 -12.82	25.28 1.36 -9.94	21.99 1.20 -8.02	21.88 1.19 -7.72	21.20 1.02 -9.03	21.95 0.56 -14.37	22.05 0.85 -11.00	20.74 0.94 -9.60	20.92 0.87 -10.54	20.89 0.97 -9.49	21.97 0.97 -10.37	22.53 1.14 -8.44	26.04 1.33 -9.81	25.99 0.97 -14.50	27.39 1.19 -13.25	29.93 1.29 -14.49	32.01 1.46 -14.18	38.19 1.88 -15.24	40.44 1.87 -17.60	43.31 2.03 -17.95	43.21 2.07 -17.03	35.01 2.10 -7.64	31.04 2.30 0.00	28.89 1.31 -9.41
EAST HAMPTON___GT 23717	43.33 2.37 -24.52	42.35 1.85 -26.52	47.57 1.64 -33.16	41.48 1.65 -26.87	31.51 1.43 -18.92	25.21 0.83 -17.35	26.58 1.21 -15.16	21.13 1.29 -9.64	25.99 1.20 -15.29	26.36 1.33 -14.60	27.67 1.12 -15.92	32.60 1.28 -18.37	37.73 1.44 -21.39	37.74 1.09 -26.14	41.16 1.32 -26.89	44.91 1.47 -29.29	46.98 1.72 -28.89	67.98 2.32 -44.58	50.57 2.29 -27.31	59.06 2.57 -33.16	62.96 2.63 -36.22	49.17 2.55 -21.35	45.82 2.76 -14.32	39.59 1.83 -19.58
EAST RIVER___6 23660	30.87 1.61 -12.82	25.25 1.33 -9.94	21.93 1.14 -8.02	21.82 1.14 -7.72	21.19 0.97 -9.05	21.98 0.55 -14.41	22.07 0.84 -11.03	20.80 0.93 -9.66	22.52 0.87 -12.15	24.37 0.97 -12.98	25.76 0.97 -14.16	26.61 1.15 -12.51	27.13 1.34 -10.89	27.12 0.97 -15.64	29.08 1.19 -14.95	29.94 1.30 -14.49	32.01 1.46 -14.18	38.29 1.94 -15.28	40.55 1.93 -17.65	43.40 2.12 -17.95	43.31 2.17 -17.03	35.05 2.15 -7.64	30.99 2.24 0.00	28.91 1.31 -9.43
EAST RIVER___7 23524	30.87 1.61 -12.82	25.25 1.33 -9.94	21.93 1.14 -8.02	21.82 1.14 -7.72	21.19 0.97 -9.05	21.98 0.55 -14.41	22.07 0.84 -11.03	20.80 0.93 -9.66	22.52 0.87 -12.15	24.37 0.97 -12.98	25.76 0.97 -14.16	26.61 1.15 -12.51	27.13 1.34 -10.89	27.12 0.97 -15.64	29.08 1.19 -14.95	29.94 1.30 -14.49	32.01 1.46 -14.18	38.29 1.94 -15.28	40.55 1.93 -17.65	43.40 2.12 -17.95	43.31 2.17 -17.03	35.05 2.15 -7.64	30.99 2.24 0.00	28.91 1.31 -9.43
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	30.67 1.45 -12.78	25.09 1.19 -9.92	21.80 1.02 -8.00	21.69 1.02 -7.71	21.05 0.88 -9.01	21.86 0.50 -14.34	21.92 0.73 -10.98	20.62 0.83 -9.59	20.79 0.77 -10.52	20.74 0.85 -9.46	21.82 0.85 -10.33	22.37 1.01 -8.41	25.85 1.16 -9.80	25.84 0.85 -14.48	27.21 1.05 -13.23	29.74 1.13 -14.46	31.81 1.28 -14.15	37.97 1.69 -15.21	40.22 1.68 -17.57	43.09 1.84 -17.91	42.98 1.88 -16.99	34.79 1.89 -7.63	30.81 2.07 0.00	28.78 1.22 -9.39
EAST_HAMPTON___DIESEL 23722	43.29 2.33 -24.52	42.32 1.82 -26.52	47.55 1.61 -33.16	41.45 1.62 -26.87	31.49 1.41 -18.92	25.19 0.82 -17.35	26.56 1.19 -15.16	21.11 1.27 -9.64	25.97 1.18 -15.29	26.33 1.31 -14.60	27.64 1.09 -15.92	32.57 1.26 -18.37	37.70 1.42 -21.39	37.71 1.06 -26.14	41.13 1.29 -26.89	44.88 1.44 -29.29	46.95 1.69 -28.89	67.94 2.28 -44.58	50.50 2.22 -27.31	58.99 2.50 -33.16	62.89 2.55 -36.22	49.09 2.48 -21.35	45.76 2.70 -14.32	39.56 1.80 -19.58
EAST_POINT___SOLAR 323840	36.04 1.35 -18.25	29.25 1.10 -14.16	25.15 0.95 -11.43	24.94 0.97 -11.00	24.92 0.87 -12.89	28.02 0.50 -20.50	26.51 0.61 -15.69	24.39 0.49 -13.70	24.83 0.42 -14.91	24.18 0.46 -13.30	25.69 0.52 -14.53	25.37 0.65 -11.77	29.60 0.79 -13.91	31.70 0.61 -20.58	32.52 0.82 -18.76	35.63 0.86 -20.62	37.53 0.98 -20.17	44.19 1.37 -21.74	47.61 1.53 -25.11	50.90 2.03 -25.54	50.48 2.14 -24.23	38.26 2.12 -10.88	31.07 2.33 0.00	33.03 1.44 -13.42
EAST_PULASKI___ESR 323781	17.24 -0.13 -0.94	14.57 -0.14 -0.73	13.21 -0.15 -0.59	13.37 -0.15 -0.57	11.75 -0.13 -0.72	8.23 -0.18 -1.39	10.99 -0.28 -1.06	10.84 -0.30 -0.93	10.23 -0.29 -1.02	11.05 -0.28 -0.91	11.34 -0.29 -0.99	13.37 -0.39 -0.80	15.38 -0.46 -0.95	11.63 -0.29 -1.41	13.86 -0.36 -1.28	15.19 -0.37 -1.41	17.29 -0.46 -1.37	21.99 -0.57 -1.47	22.23 -0.44 -1.70	24.71 -0.35 -1.73	25.44 -0.31 -1.65	25.52 -0.48 -0.74	28.11 -0.63 0.00	18.76 -0.33 -0.91
EAST_RIVER___1 323558	30.87 1.61 -12.82	25.25 1.33 -9.94	21.95 1.15 -8.02	21.82 1.14 -7.72	21.20 0.98 -9.05	21.98 0.55 -14.41	22.07 0.84 -11.03	20.80 0.94 -9.66	22.48 0.87 -12.10	24.28 0.97 -12.89	25.66 0.97 -14.06	26.50 1.15 -12.40	27.10 1.34 -10.86	27.09 0.97 -15.61	29.04 1.19 -14.91	29.94 1.30 -14.49	31.99 1.44 -14.18	38.27 1.92 -15.28	40.53 1.91 -17.65	43.40 2.12 -17.95	43.31 2.17 -17.03	35.05 2.15 -7.64	30.99 2.24 0.00	28.91 1.31 -9.43
EAST_RIVER___2 323559	30.87 1.61 -12.82	25.25 1.33 -9.94	21.93 1.14 -8.02	21.82 1.14 -7.72	21.19 0.97 -9.05	21.98 0.55 -14.41	22.07 0.84 -11.03	20.80 0.93 -9.66	22.52 0.87 -12.15	24.37 0.97 -12.98	25.76 0.97 -14.16	26.61 1.15 -12.51	27.13 1.34 -10.89	27.12 0.97 -15.64	29.08 1.19 -14.95	29.94 1.30 -14.49	32.01 1.46 -14.18	38.29 1.94 -15.28	40.55 1.93 -17.65	43.40 2.12 -17.95	43.31 2.17 -17.03	35.05 2.15 -7.64	30.99 2.24 0.00	28.91 1.31 -9.43
EAST___DELAWARE_HYD 23607	29.35 1.30 -11.62	24.06 1.06 -9.01	20.93 0.88 -7.27	20.87 0.91 -7.00	20.17 0.79 -8.22	20.54 0.44 -13.08	20.86 0.64 -10.02	19.65 0.70 -8.74	19.68 0.66 -9.52	19.63 0.72 -8.49	20.59 0.68 -9.27	21.26 0.80 -7.51	24.73 0.95 -8.88	24.35 0.70 -13.13	25.78 0.87 -11.98	28.26 0.95 -13.16	30.35 1.10 -12.87	36.43 1.48 -13.87	38.51 1.51 -16.03	41.33 1.70 -16.30	41.36 1.78 -15.46	33.95 1.74 -6.94	30.58 1.84 0.00	27.81 1.07 -8.56
EIGHT_POINT___WT_PWR 323820	18.14 -1.04 -2.73	15.20 -0.91 -2.12	13.66 -0.83 -1.71	13.73 -0.88 -1.65	12.40 -0.75 -1.99	9.87 -0.51 -3.36	12.02 -0.75 -2.57	11.62 -0.83 -2.24	11.20 -0.79 -2.48	11.75 -0.89 -2.21	12.10 -0.96 -2.42	13.63 -1.28 -1.96	24.42 -1.50 -11.03	12.93 -1.01 -3.43	14.84 -1.23 -3.12	17.90 -1.29 -5.04	24.33 -1.52 -9.48	36.96 -1.86 -17.74	23.51 -1.57 -4.11	26.25 -1.26 -4.18	26.82 -1.25 -3.97	25.50 -1.54 -1.78	27.19 -1.55 0.00	19.59 -0.78 -2.20
ELBRIDGE_115KV_TB2 80188	17.57 -0.15 -1.27	14.82 -0.15 -0.99	13.42 -0.15 -0.80	13.56 -0.17 -0.77	11.93 -0.13 -0.90	8.36 -0.18 -1.53	11.10 -0.28 -1.17	10.93 -0.30 -1.02	10.54 -0.27 -1.31	11.32 -0.27 -1.16	11.64 -0.27 -1.27	13.62 -0.36 -1.03	15.70 -0.42 -1.22	12.09 -0.26 -1.84	14.31 -0.31 -1.68	15.67 -0.33 -1.84	17.75 -0.43 -1.80	22.13 -0.57 -1.62	22.36 -0.48 -1.87	25.17 -0.40 -2.24	25.82 -0.41 -2.12	25.64 -0.58 -0.95	27.88 -0.86 0.00	18.77 -0.40 -1.00
ELEC_TRO_TEK 24086	41.77 1.76 -23.57	54.84 1.38 -39.47	57.36 1.23 -43.36	55.97 1.21 -41.80	38.78 1.05 -26.57	27.22 0.60 -19.60	29.43 0.89 -18.34	20.81 0.98 -9.63	29.55 0.91 -19.13	30.34 1.00 -18.91	32.23 0.98 -20.61	40.61 1.15 -26.51	46.74 1.33 -30.52	46.81 0.98 -35.32	51.83 1.19 -37.70	56.23 1.25 -40.83	58.10 1.38 -40.35	63.72 1.79 -40.85	57.48 1.80 -34.70	70.24 1.98 -44.93	77.23 2.03 -51.10	55.87 2.07 -28.53	56.60 2.36 -25.50	47.11 1.45 -27.49
ELLENBURG_WT_PWR 323604	15.80 -0.64 0.00	13.48 -0.50 0.00	12.38 -0.40 0.00	12.59 -0.38 0.00	10.84 -0.32 0.00	6.84 -0.18 0.00	9.98 -0.22 0.00	10.01 -0.19 0.00	9.33 -0.17 0.00	10.20 -0.22 0.00	10.43 -0.21 0.00	12.74 -0.21 0.00	14.66 -0.24 0.00	10.31 -0.20 0.00	12.68 -0.26 0.00	13.81 -0.34 0.00	15.98 -0.39 0.00	20.43 -0.65 0.00	20.26 -0.71 0.00	22.37 -0.96 0.00	23.12 -0.99 0.00	24.30 -0.96 0.00	27.71 -1.03 0.00	17.48 -0.69 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	17.36 -1.22 -2.14	14.62 -1.02 -1.66	13.23 -0.88 -1.34	13.36 -0.89 -1.29	11.92 -0.75 -1.51	8.94 -0.48 -2.40	11.31 -0.73 -1.84	10.97 -0.84 -1.61	10.66 -0.75 -1.90	11.33 -0.79 -1.70	11.65 -0.84 -1.85	13.23 -1.22 -1.50	12.47 -1.40 1.02	12.20 -0.93 -2.61	14.18 -1.14 -2.38	15.07 -1.17 -2.10	15.45 -1.46 -0.53	17.29 -1.81 1.98	22.17 -1.74 -2.94	25.10 -1.49 -3.26	25.56 -1.64 -3.09	24.48 -2.17 -1.39	26.33 -2.41 0.00	18.69 -1.05 -1.57
EMPIRE_CC_1 323656	32.71 0.48 -15.79	26.70 0.46 -12.25	23.08 0.42 -9.89	22.91 0.43 -9.52	22.68 0.37 -11.15	24.94 0.19 -17.73	24.05 0.28 -13.57	22.30 0.24 -11.85	22.63 0.23 -12.90	22.18 0.25 -11.50	23.48 0.28 -12.57	23.45 0.32 -10.18	27.27 0.34 -12.03	28.55 0.24 -17.79	29.45 0.28 -16.23	32.30 0.33 -17.83	34.20 0.38 -17.45	40.34 0.46 -18.80	43.17 0.48 -21.72	46.00 0.58 -22.09	45.64 0.58 -20.95	35.28 0.61 -9.41	29.40 0.66 0.00	30.25 0.47 -11.60
EMPIRE_CC_2 323658	32.71 0.48 -15.79	26.70 0.46 -12.25	23.08 0.42 -9.89	22.91 0.43 -9.52	22.68 0.37 -11.15	24.94 0.19 -17.73	24.05 0.28 -13.57	22.30 0.24 -11.85	22.63 0.23 -12.90	22.18 0.25 -11.50	23.48 0.28 -12.57	23.45 0.32 -10.18	27.27 0.34 -12.03	28.55 0.24 -17.79	29.45 0.28 -16.23	32.30 0.33 -17.83	34.20 0.38 -17.45	40.34 0.46 -18.80	43.17 0.48 -21.72	46.00 0.58 -22.09	45.64 0.58 -20.95	35.28 0.61 -9.41	29.40 0.66 0.00	30.25 0.47 -11.60
ENORWICH_115KV_TB1 80156	21.37 0.81 -4.13	17.81 0.63 -3.20	15.91 0.55 -2.58	16.05 0.60 -2.49	14.63 0.56 -2.91	12.15 0.31 -4.83	14.32 0.42 -3.70	13.84 0.41 -3.23	13.40 0.28 -3.63	13.98 0.32 -3.23	14.50 0.33 -3.53	16.13 0.32 -2.86	19.21 0.36 -3.96	15.85 0.30 -5.03	17.90 0.38 -4.59	19.74 0.44 -5.15	22.26 0.54 -5.35	27.82 0.82 -5.92	27.87 0.99 -5.91	30.85 1.31 -6.21	31.47 1.47 -5.89	29.22 1.31 -2.64	30.01 1.26 0.00	22.20 0.87 -3.16
ERIE_ST__34_KV_TB1-2 80199	17.33 -1.33 -2.22	14.57 -1.13 -1.72	13.18 -0.98 -1.39	13.29 -1.01 -1.34	11.88 -0.85 -1.56	8.98 -0.54 -2.50	11.29 -0.83 -1.92	10.96 -0.92 -1.67	10.65 -0.83 -1.97	11.31 -0.88 -1.76	11.64 -0.93 -1.92	13.20 -1.31 -1.56	12.88 -1.49 0.52	12.22 -1.00 -2.71	14.18 -1.23 -2.47	15.15 -1.27 -2.28	15.80 -1.52 -0.94	17.99 -1.92 1.18	22.19 -1.85 -3.07	25.10 -1.61 -3.38	25.61 -1.71 -3.21	24.46 -2.25 -1.44	26.70 -2.04 0.00	18.67 -1.14 -1.64
ERIE_WT_PWR 323693	17.40 -1.23 -2.19	14.65 -1.03 -1.70	13.25 -0.89 -1.37	13.36 -0.92 -1.32	11.96 -0.76 -1.55	9.21 -0.49 -2.68	11.50 -0.75 -2.05	11.15 -0.85 -1.79	10.68 -0.76 -1.94	11.34 -0.81 -1.73	11.68 -0.85 -1.89	13.25 -1.23 -1.53	12.62 -1.42 0.85	12.25 -1.15 -2.67	14.23 -1.15 -2.44	15.15 -1.19 -2.19	15.65 -1.47 -0.75	17.79 -1.81 1.47	22.51 -1.74 -3.28	25.15 -1.52 -3.34	25.64 -1.64 -3.17	24.57 -2.12 -1.42	26.70 -2.04 0.00	18.93 -1.00 -1.75
ESPRGFLD_115KV_TB1 80157	17.41 0.97 0.00	14.77 0.78 0.00	13.47 0.69 0.00	13.68 0.71 0.00	11.80 0.64 0.00	7.38 0.36 0.00	10.70 0.50 0.00	10.68 0.48 0.00	10.10 0.41 -0.18	11.06 0.47 -0.16	11.31 0.49 -0.18	13.66 0.57 -0.14	15.74 0.67 -0.17	11.29 0.52 -0.26	13.84 0.66 -0.24	15.10 0.69 -0.26	17.43 0.80 -0.25	22.20 1.12 0.00	22.17 1.20 0.00	25.14 1.49 -0.31	26.00 1.59 -0.30	26.91 1.52 -0.13	30.41 1.67 0.00	19.19 1.02 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	19.65 0.23 -2.98	16.47 0.17 -2.32	14.78 0.14 -1.87	14.89 0.13 -1.80	13.40 0.13 -2.10	10.61 0.01 -3.58	12.97 0.02 -2.74	12.61 0.01 -2.39	12.24 -0.01 -2.75	12.89 0.01 -2.45	13.31 -0.01 -2.68	15.05 -0.06 -2.17	18.31 -0.09 -3.50	14.32 -0.03 -3.84	16.40 -0.04 -3.50	18.15 -0.01 -4.02	20.80 -0.02 -4.44	26.22 0.02 -5.12	25.53 0.17 -4.39	28.43 0.40 -4.71	28.96 0.39 -4.47	27.52 0.25 -2.01	28.86 0.11 0.00	20.68 0.16 -2.34
ETNA____115KV_TB2 80207	19.65 0.23 -2.98	16.47 0.17 -2.32	14.78 0.14 -1.87	14.89 0.13 -1.80	13.40 0.13 -2.10	10.61 0.01 -3.58	12.97 0.02 -2.74	12.61 0.01 -2.39	12.24 -0.01 -2.75	12.89 0.01 -2.45	13.31 -0.01 -2.68	15.05 -0.06 -2.17	18.31 -0.09 -3.50	14.32 -0.03 -3.84	16.40 -0.04 -3.50	18.15 -0.01 -4.02	20.80 -0.02 -4.44	26.22 0.02 -5.12	25.53 0.17 -4.39	28.43 0.40 -4.71	28.96 0.39 -4.47	27.52 0.25 -2.01	28.86 0.11 0.00	20.68 0.16 -2.34
EUCLID__115KV_TB2 356179	17.49 -0.10 -1.14	14.76 -0.11 -0.89	13.39 -0.10 -0.72	13.54 -0.12 -0.69	11.88 -0.09 -0.81	8.28 -0.15 -1.41	11.06 -0.22 -1.08	10.91 -0.23 -0.94	10.49 -0.22 -1.20	11.28 -0.22 -1.07	11.60 -0.21 -1.17	13.60 -0.30 -0.95	15.67 -0.34 -1.12	11.97 -0.21 -1.67	14.22 -0.25 -1.52	15.57 -0.25 -1.67	17.68 -0.33 -1.64	22.15 -0.42 -1.49	22.34 -0.36 -1.72	25.13 -0.26 -2.06	25.77 -0.29 -1.95	25.71 -0.43 -0.88	28.08 -0.66 0.00	18.80 -0.29 -0.92
E_CANADA_CAP_HY 24051	36.59 1.20 -18.95	29.68 0.99 -14.70	25.50 0.86 -11.86	25.27 0.88 -11.43	25.33 0.78 -13.39	28.76 0.45 -21.29	27.11 0.60 -16.30	24.98 0.54 -14.23	25.46 0.47 -15.49	24.75 0.51 -13.82	26.27 0.54 -15.09	25.82 0.65 -12.23	30.12 0.77 -14.45	32.47 0.58 -21.37	33.18 0.75 -19.49	36.34 0.78 -21.41	38.23 0.90 -20.96	44.94 1.29 -22.58	48.46 1.41 -26.08	51.63 1.77 -26.53	51.16 1.88 -25.17	38.38 1.82 -11.30	30.81 2.07 0.00	33.40 1.29 -13.94
E_CANADA_MHWK_HY 24050	16.26 -0.18 0.00	13.82 -0.17 0.00	12.64 -0.14 0.00	12.83 -0.13 0.00	11.07 -0.09 0.00	6.94 -0.08 0.00	10.09 -0.11 0.00	10.07 -0.13 0.00	9.35 -0.15 0.00	10.25 -0.18 0.00	10.46 -0.18 0.00	12.69 -0.26 0.00	14.58 -0.31 0.00	10.29 -0.22 0.00	12.67 -0.27 0.00	13.84 -0.31 0.00	16.00 -0.38 0.00	20.59 -0.48 0.00	20.51 -0.46 0.00	22.84 -0.49 0.00	23.65 -0.46 0.00	24.76 -0.51 0.00	28.11 -0.63 0.00	17.77 -0.40 0.00
E_FISHKILL__LBMP 23776	30.78 1.28 -13.05	25.16 1.05 -10.13	21.87 0.92 -8.17	21.75 0.92 -7.87	21.16 0.79 -9.20	22.11 0.44 -14.65	22.07 0.65 -11.21	20.72 0.72 -9.79	20.87 0.68 -10.68	20.70 0.75 -9.53	21.79 0.74 -10.41	22.26 0.88 -8.43	25.89 1.03 -9.96	26.00 0.75 -14.74	27.30 0.92 -13.44	29.91 0.99 -14.77	31.96 1.13 -14.46	38.09 1.48 -15.53	40.38 1.47 -17.94	43.26 1.63 -18.29	43.13 1.66 -17.36	34.72 1.67 -7.79	30.55 1.81 0.00	28.85 1.09 -9.59
FALCON__SEABRD_CC1 323796	15.93 -0.51 0.00	13.62 -0.36 0.00	12.49 -0.28 0.00	12.72 -0.25 0.00	10.94 -0.22 0.00	6.91 -0.11 0.00	10.09 -0.11 0.00	10.11 -0.09 0.00	9.44 -0.07 0.00	10.31 -0.11 0.00	10.53 -0.11 0.00	12.88 -0.06 0.00	14.81 -0.09 0.00	10.42 -0.09 0.00	12.82 -0.12 0.00	13.95 -0.20 0.00	16.14 -0.23 0.00	20.59 -0.48 0.00	20.42 -0.55 0.00	22.56 -0.77 0.00	23.29 -0.82 0.00	24.48 -0.78 0.00	27.88 -0.86 0.00	17.61 -0.56 0.00
FALCON__SEABRD_CC2 323797	15.93 -0.51 0.00	13.62 -0.36 0.00	12.49 -0.28 0.00	12.72 -0.25 0.00	10.94 -0.22 0.00	6.91 -0.11 0.00	10.09 -0.11 0.00	10.11 -0.09 0.00	9.44 -0.07 0.00	10.31 -0.11 0.00	10.53 -0.11 0.00	12.88 -0.06 0.00	14.81 -0.09 0.00	10.42 -0.09 0.00	12.82 -0.12 0.00	13.95 -0.20 0.00	16.14 -0.23 0.00	20.59 -0.48 0.00	20.42 -0.55 0.00	22.56 -0.77 0.00	23.29 -0.82 0.00	24.48 -0.78 0.00	27.88 -0.86 0.00	17.61 -0.56 0.00

FAR ROCKAWAY___4 23548	42.20 2.01 -23.76	52.49 1.57 -36.94	54.47 1.38 -40.31	53.20 1.36 -38.88	37.41 1.18 -25.07	26.85 0.69 -19.15	28.92 1.01 -17.71	20.93 1.10 -9.63	28.91 1.03 -18.38	29.62 1.13 -18.07	31.45 1.12 -19.69	39.18 1.32 -24.92	45.15 1.52 -28.74	45.16 1.13 -33.52	49.91 1.38 -35.59	54.18 1.46 -38.58	56.12 1.64 -38.11	61.87 2.13 -38.66	56.33 2.12 -33.24	68.30 2.36 -42.61	74.70 2.41 -48.18	54.48 2.48 -26.74	54.84 2.79 -23.31	45.84 1.73 -25.94
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	30.87 1.61 -12.82	25.25 1.33 -9.94	21.94 1.15 -8.02	21.82 1.14 -7.72	21.17 0.98 -9.02	21.94 0.55 -14.37	22.04 0.84 -11.00	20.77 0.93 -9.64	22.58 0.87 -12.20	24.50 0.97 -13.10	25.89 0.97 -14.29	26.74 1.14 -12.65	27.15 1.33 -10.93	27.16 0.97 -15.68	29.14 1.19 -15.01	29.91 1.27 -14.49	32.00 1.44 -14.18	38.21 1.90 -15.24	40.46 1.89 -17.60	43.35 2.08 -17.95	43.23 2.10 -17.03	35.00 2.10 -7.64	31.04 2.30 0.00	28.90 1.33 -9.40
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	30.87 1.61 -12.82	25.25 1.33 -9.94	21.94 1.15 -8.02	21.82 1.14 -7.72	21.17 0.98 -9.02	21.94 0.55 -14.37	22.04 0.84 -11.00	20.78 0.94 -9.64	22.58 0.87 -12.20	24.50 0.97 -13.10	25.89 0.97 -14.29	26.74 1.14 -12.65	27.15 1.33 -10.93	27.16 0.97 -15.68	29.14 1.19 -15.01	29.91 1.27 -14.49	32.00 1.44 -14.18	38.21 1.90 -15.24	40.46 1.89 -17.60	43.35 2.08 -17.95	43.23 2.10 -17.03	35.03 2.12 -7.64	31.04 2.30 0.00	28.90 1.33 -9.40
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	30.87 1.61 -12.82	25.24 1.31 -9.94	21.93 1.14 -8.02	21.82 1.14 -7.72	21.16 0.97 -9.02	21.94 0.55 -14.37	22.03 0.83 -11.00	20.77 0.93 -9.64	22.58 0.87 -12.20	24.50 0.97 -13.10	25.88 0.96 -14.29	26.74 1.14 -12.65	27.13 1.31 -10.93	27.15 0.96 -15.68	29.13 1.18 -15.01	29.90 1.26 -14.49	32.00 1.44 -14.18	38.21 1.90 -15.24	40.44 1.87 -17.60	43.33 2.05 -17.95	43.21 2.07 -17.03	35.00 2.10 -7.64	31.04 2.30 0.00	28.89 1.31 -9.40
FARRAGUT___LBMP 323566	30.85 1.59 -12.82	25.24 1.31 -9.94	21.93 1.14 -8.02	21.81 1.13 -7.72	21.16 0.97 -9.02	21.94 0.55 -14.37	22.03 0.83 -11.00	20.76 0.92 -9.64	22.57 0.86 -12.20	24.48 0.96 -13.10	25.88 0.96 -14.29	26.72 1.13 -12.65	27.13 1.31 -10.93	27.14 0.95 -15.68	29.12 1.16 -15.01	29.90 1.26 -14.49	31.98 1.42 -14.18	38.19 1.88 -15.24	40.44 1.87 -17.60	43.31 2.03 -17.95	43.21 2.07 -17.03	34.98 2.07 -7.64	31.01 2.27 0.00	28.89 1.31 -9.40
FENNER___WINDPWR 24204	18.29 0.23 -1.62	15.42 0.18 -1.26	13.94 0.15 -1.01	14.10 0.16 -0.98	12.58 0.16 -1.26	9.23 0.05 -2.17	11.92 0.06 -1.66	11.70 0.05 -1.45	11.11 0.02 -1.59	11.88 0.04 -1.42	12.23 0.04 -1.55	14.22 0.01 -1.25	16.39 0.01 -1.48	12.75 0.04 -2.19	14.99 0.05 -2.00	16.43 0.09 -2.20	18.59 0.08 -2.13	23.53 0.15 -2.30	23.88 0.25 -2.66	26.40 0.37 -2.70	27.11 0.43 -2.56	26.74 0.33 -1.15	29.03 0.29 0.00	19.81 0.22 -1.42
FIBERTEK___ENERGY 23856	17.65 -0.03 -1.25	14.90 -0.06 -0.97	13.49 -0.06 -0.78	13.64 -0.08 -0.75	11.98 -0.06 -0.88	8.40 -0.13 -1.51	11.16 -0.20 -1.16	11.00 -0.21 -1.01	10.61 -0.19 -1.29	11.40 -0.18 -1.15	11.72 -0.18 -1.26	13.72 -0.25 -1.02	15.82 -0.28 -1.21	12.17 -0.16 -1.81	14.40 -0.19 -1.65	15.78 -0.18 -1.82	17.89 -0.26 -1.78	22.32 -0.36 -1.60	22.53 -0.29 -1.85	25.36 -0.19 -2.21	26.02 -0.19 -2.10	25.85 -0.35 -0.94	28.14 -0.60 0.00	18.91 -0.25 -0.99
FITZPATRICK___ 23598	16.78 -0.39 -0.73	14.20 -0.35 -0.57	12.91 -0.32 -0.46	13.07 -0.34 -0.44	11.46 -0.29 -0.58	7.97 -0.29 -1.24	10.75 -0.41 -0.95	10.61 -0.43 -0.83	10.01 -0.40 -0.90	10.81 -0.42 -0.81	11.09 -0.43 -0.88	13.12 -0.54 -0.71	15.11 -0.63 -0.84	11.34 -0.42 -1.25	13.56 -0.52 -1.14	14.85 -0.55 -1.25	16.92 -0.67 -1.22	21.53 -0.87 -1.32	21.70 -0.80 -1.52	24.08 -0.79 -1.55	24.76 -0.82 -1.47	24.94 -0.99 -0.66	27.54 -1.21 0.00	18.32 -0.67 -0.81
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	30.63 1.38 -12.81	25.07 1.15 -9.94	21.76 0.96 -8.02	21.67 0.99 -7.73	21.04 0.85 -9.03	21.87 0.47 -14.38	21.90 0.68 -11.01	20.57 0.76 -9.61	20.70 0.71 -10.48	20.56 0.78 -9.35	21.61 0.76 -10.22	22.13 0.91 -8.28	25.73 1.06 -9.78	25.75 0.77 -14.47	27.09 0.96 -13.20	29.68 1.03 -14.50	31.76 1.20 -14.19	37.91 1.58 -15.25	40.20 1.61 -17.61	43.09 1.80 -17.96	43.00 1.86 -17.04	34.73 1.82 -7.65	30.76 2.01 0.00	28.75 1.16 -9.41
FORT ORANGE___ 23900	33.14 0.43 -16.27	27.01 0.41 -12.62	23.38 0.42 -10.18	23.20 0.43 -9.81	23.03 0.38 -11.49	25.47 0.19 -18.26	24.46 0.28 -13.98	22.61 0.20 -12.21	22.97 0.18 -13.28	22.47 0.20 -11.85	23.79 0.21 -12.94	23.67 0.23 -10.49	27.56 0.27 -12.39	29.03 0.19 -18.33	29.89 0.23 -16.72	32.78 0.27 -18.37	34.66 0.31 -17.97	40.82 0.38 -19.37	43.76 0.42 -22.37	46.59 0.51 -22.75	46.20 0.51 -21.58	35.54 0.58 -9.69	29.37 0.63 0.00	30.53 0.40 -11.95
FORT_DRUM_COGEN 23780	17.03 -0.07 -0.66	14.40 -0.10 -0.51	13.06 -0.13 -0.41	13.27 -0.09 -0.40	11.57 -0.06 -0.47	7.74 -0.08 -0.81	10.67 -0.15 -0.62	10.57 -0.17 -0.54	9.94 -0.27 -0.71	10.76 -0.29 -0.63	11.04 -0.29 -0.69	13.10 -0.40 -0.56	15.08 -0.48 -0.66	11.18 -0.32 -0.98	13.45 -0.39 -0.90	14.74 -0.40 -0.98	16.93 -0.41 -0.96	21.55 -0.38 -0.86	21.81 -0.15 -0.99	24.61 0.07 -1.21	25.52 0.27 -1.15	25.91 0.13 -0.52	28.66 -0.09 0.00	18.65 -0.05 -0.53
FOX_HILLS___ESR 323835	31.02 1.76 -12.82	25.40 1.47 -9.95	22.09 1.29 -8.02	21.98 1.28 -7.73	21.29 1.11 -9.03	21.99 0.60 -14.37	22.10 0.90 -11.00	20.82 0.97 -9.65	22.94 0.86 -12.58	25.31 0.96 -13.93	26.79 0.97 -15.18	27.70 1.14 -13.61	27.40 1.33 -11.18	27.43 0.97 -15.94	35.53 1.19 -21.40	30.02 1.36 -14.51	32.12 1.54 -14.21	38.28 1.94 -15.26	40.54 1.91 -17.66	43.38 2.10 -17.95	43.28 2.15 -17.03	35.22 2.30 -7.65	31.28 2.53 -0.01	29.05 1.47 -9.41
FPL_FAR_ROCK_GT1 24212	42.20 2.00 -23.76	52.49 1.57 -36.94	54.47 1.38 -40.31	53.20 1.36 -38.88	37.44 1.18 -25.09	26.89 0.69 -19.19	28.95 1.01 -17.74	20.96 1.10 -9.65	28.91 1.03 -18.38	29.62 1.13 -18.07	31.45 1.12 -19.70	39.19 1.32 -24.92	45.17 1.53 -28.74	45.16 1.13 -33.52	49.90 1.37 -35.59	54.20 1.47 -38.58	56.11 1.64 -38.10	61.91 2.13 -38.70	56.39 2.14 -33.28	68.32 2.38 -42.61	74.75 2.46 -48.18	54.49 2.48 -26.74	54.79 2.73 -23.31	45.80 1.67 -25.96
FPL_FAR_ROCK_GT2 23815	42.20 2.00 -23.76	52.49 1.57 -36.94	54.47 1.38 -40.31	53.20 1.36 -38.88	37.44 1.18 -25.09	26.89 0.69 -19.19	28.95 1.01 -17.74	20.96 1.10 -9.65	28.91 1.03 -18.38	29.62 1.13 -18.07	31.45 1.12 -19.70	39.19 1.32 -24.92	45.17 1.53 -28.74	45.16 1.13 -33.52	49.90 1.37 -35.59	54.20 1.47 -38.58	56.11 1.64 -38.10	61.91 2.13 -38.70	56.39 2.14 -33.28	68.32 2.38 -42.61	74.75 2.46 -48.18	54.49 2.48 -26.74	54.79 2.73 -23.31	45.80 1.67 -25.96
FRANKLIN_FALL_HYD 24054	15.85 -0.59 0.00	13.52 -0.46 0.00	12.38 -0.40 0.00	12.60 -0.36 0.00	10.84 -0.32 0.00	6.84 -0.18 0.00	10.00 -0.20 0.00	10.02 -0.18 0.00	9.35 -0.15 0.00	10.20 -0.22 0.00	10.43 -0.21 0.00	12.75 -0.19 0.00	14.69 -0.21 0.00	10.32 -0.20 0.00	12.68 -0.26 0.00	13.81 -0.34 0.00	15.98 -0.39 0.00	20.43 -0.65 0.00	20.30 -0.67 0.00	22.42 -0.91 0.00	23.19 -0.92 0.00	24.41 -0.86 0.00	27.74 -1.01 0.00	17.52 -0.65 0.00

FREEPORT_EQUS_GT1 23764	42.45	48.15	49.39	48.21	34.86	26.11	27.85	20.92	27.60	28.16	29.85	36.44	42.05	42.05	46.24	50.28	52.21	58.25	53.80	64.31	69.67	51.34	50.90	43.09
	1.96	1.52	1.33	1.32	1.15	0.67	0.98	1.07	0.99	1.09	1.07	1.27	1.44	1.06	1.29	1.39	1.54	2.04	2.03	2.29	2.34	2.35	2.56	1.58
	-24.05	-32.64	-35.29	-33.92	-22.54	-18.43	-16.67	-9.65	-17.11	-16.64	-18.14	-22.22	-25.71	-30.48	-32.00	-34.75	-34.30	-35.13	-30.80	-38.69	-43.22	-23.73	-19.60	-23.33
FREEPORT___CT2 23818	42.45	48.15	49.39	48.21	34.86	26.11	27.85	20.92	27.60	28.16	29.85	36.44	42.05	42.05	46.24	50.28	52.21	58.25	53.80	64.31	69.67	51.34	50.90	43.09
	1.96	1.52	1.33	1.32	1.15	0.67	0.98	1.07	0.99	1.09	1.07	1.27	1.44	1.06	1.29	1.39	1.54	2.04	2.03	2.29	2.34	2.35	2.56	1.58
	-24.05	-32.64	-35.29	-33.92	-22.54	-18.43	-16.67	-9.65	-17.11	-16.64	-18.14	-22.22	-25.71	-30.48	-32.00	-34.75	-34.30	-35.13	-30.80	-38.69	-43.22	-23.73	-19.60	-23.33
FRESHKLS_33_KV_LOAD 356253	31.07	25.46	22.15	22.04	21.35	22.02	22.14	20.83	22.54	24.46	25.86	26.71	27.11	27.14	33.00	30.04	32.13	38.24	40.50	43.35	43.26	35.29	31.40	29.12
	1.81	1.52	1.35	1.35	1.16	0.63	0.94	0.98	0.83	0.93	0.93	1.10	1.28	0.94	1.15	1.37	1.56	1.90	1.89	2.08	2.12	2.37	2.64	1.54
	-12.82	-9.95	-8.02	-7.73	-9.03	-14.37	-11.00	-9.65	-12.21	-13.11	-14.30	-12.66	-10.93	-15.68	-18.90	-14.51	-14.21	-15.26	-17.65	-17.95	-17.03	-7.65	-0.01	-9.41
FULTON COGEN____ 23766	17.23	14.55	13.20	13.35	11.68	8.02	10.80	10.67	10.27	11.07	11.37	13.38	15.42	11.72	13.93	15.27	17.35	21.72	21.88	24.69	25.35	25.35	27.77	18.48
	-0.21	-0.21	-0.20	-0.22	-0.19	-0.22	-0.34	-0.35	-0.32	-0.32	-0.33	-0.43	-0.49	-0.32	-0.39	-0.40	-0.51	-0.65	-0.59	-0.51	-0.53	-0.71	-0.98	-0.49
	-1.01	-0.78	-0.63	-0.61	-0.71	-1.22	-0.93	-0.81	-1.09	-0.97	-1.06	-0.86	-1.02	-1.52	-1.38	-1.52	-1.49	-1.29	-1.49	-1.87	-1.77	-0.80	0.00	-0.80
FULTON___LFGE 323630	35.68	28.97	24.92	24.72	24.69	27.75	26.33	24.30	24.73	24.10	25.56	25.24	29.43	31.45	32.26	35.36	37.27	43.89	47.24	50.37	49.93	37.85	30.75	32.70
	1.17	0.96	0.83	0.86	0.76	0.44	0.58	0.53	0.46	0.50	0.53	0.63	0.76	0.56	0.74	0.79	0.92	1.29	1.41	1.75	1.83	1.82	2.01	1.24
	-18.08	-14.02	-11.32	-10.90	-12.77	-20.30	-15.54	-13.57	-14.77	-13.17	-14.39	-11.66	-13.78	-20.38	-18.58	-20.41	-19.98	-21.53	-24.87	-25.29	-23.99	-10.77	0.00	-13.29
G.F.CEMENT___DRP 24184	34.13	27.77	23.94	23.77	23.60	26.16	25.05	23.22	23.62	23.10	24.47	24.35	28.35	29.90	30.83	33.83	35.75	42.14	45.15	48.18	47.83	36.70	30.27	31.39
	0.90	0.76	0.65	0.69	0.60	0.33	0.45	0.44	0.41	0.45	0.48	0.58	0.67	0.47	0.65	0.74	0.84	1.12	1.13	1.38	1.45	1.44	1.52	0.91
	-16.79	-13.03	-10.51	-10.12	-11.83	-18.81	-14.40	-12.57	-13.70	-12.22	-13.35	-10.82	-12.79	-18.91	-17.25	-18.95	-18.55	-19.95	-23.04	-23.47	-22.27	-10.00	0.00	-12.31
GARDENVILLE___LBMP 24039	17.39	14.64	13.25	13.36	11.93	8.98	11.33	10.99	10.68	11.34	11.67	13.24	12.22	12.23	14.21	15.06	15.29	16.87	22.22	25.16	25.65	24.53	26.44	18.75
	-1.23	-1.03	-0.89	-0.92	-0.77	-0.49	-0.76	-0.86	-0.77	-0.81	-0.86	-1.24	-1.41	-0.95	-1.16	-1.19	-1.47	-1.81	-1.76	-1.49	-1.62	-2.15	-2.30	-1.04
	-2.18	-1.69	-1.37	-1.32	-1.54	-2.46	-1.88	-1.64	-1.94	-1.73	-1.89	-1.53	1.26	-2.66	-2.43	-2.10	-0.39	2.39	-3.01	-3.33	-3.16	-1.42	0.00	-1.61
GARDNVLA_35_KV_LD 355827	17.43	14.68	13.28	13.39	11.96	9.01	11.36	11.03	10.72	11.38	11.71	13.29	12.81	12.28	14.26	15.22	15.74	17.85	22.30	25.25	25.74	24.62	26.53	18.79
	-1.20	-1.01	-0.87	-0.89	-0.75	-0.48	-0.73	-0.83	-0.74	-0.78	-0.83	-1.20	-1.40	-0.91	-1.13	-1.15	-1.44	-1.79	-1.70	-1.42	-1.54	-2.07	-2.21	-1.00
	-2.19	-1.70	-1.37	-1.32	-1.55	-2.47	-1.89	-1.65	-1.95	-1.74	-1.90	-1.54	0.69	-2.68	-2.44	-2.22	-0.81	1.44	-3.03	-3.35	-3.17	-1.42	0.00	-1.62
GELCKHM___115KV_LOAD 80723	17.55	14.81	13.42	13.57	11.91	8.31	11.08	10.93	10.52	11.31	11.63	13.63	15.71	12.03	14.26	15.63	17.74	22.19	22.38	25.19	25.83	25.75	28.08	18.84
	-0.07	-0.08	-0.09	-0.10	-0.08	-0.14	-0.21	-0.22	-0.21	-0.21	-0.20	-0.28	-0.33	-0.19	-0.23	-0.23	-0.31	-0.40	-0.34	-0.23	-0.27	-0.40	-0.66	-0.27
	-1.18	-0.91	-0.74	-0.71	-0.83	-1.43	-1.09	-0.95	-1.22	-1.09	-1.19	-0.96	-1.14	-1.71	-1.56	-1.71	-1.67	-1.51	-1.75	-2.09	-1.99	-0.89	0.00	-0.93
GENERAL___MILLS 23808	17.41	14.65	13.25	13.38	11.95	9.00	11.35	11.01	10.69	11.36	11.69	13.26	12.64	12.25	14.23	15.16	15.60	17.54	22.25	25.20	25.69	24.57	26.47	18.77
	-1.22	-1.03	-0.89	-0.91	-0.76	-0.48	-0.74	-0.85	-0.76	-0.80	-0.85	-1.23	-1.41	-0.94	-1.15	-1.17	-1.47	-1.83	-1.74	-1.47	-1.59	-2.12	-2.27	-1.02
	-2.19	-1.70	-1.37	-1.32	-1.54	-2.47	-1.89	-1.65	-1.95	-1.74	-1.90	-1.54	0.84	-2.67	-2.44	-2.19	-0.70	1.70	-3.02	-3.34	-3.17	-1.42	0.00	-1.62
GE_PLASTICS___DRP 24183	33.02	26.90	23.27	23.10	22.88	25.28	24.30	22.51	22.88	22.40	23.70	23.61	27.49	28.91	29.78	32.66	34.53	40.66	43.54	46.41	46.03	35.41	29.38	30.41
	0.44	0.39	0.40	0.40	0.35	0.18	0.26	0.21	0.20	0.22	0.22	0.26	0.30	0.21	0.26	0.30	0.33	0.40	0.42	0.51	0.51	0.53	0.63	0.40
	-16.14	-12.52	-10.10	-9.73	-11.37	-18.09	-13.84	-12.09	-13.18	-11.75	-12.84	-10.40	-12.29	-18.18	-16.58	-18.22	-17.83	-19.18	-22.15	-22.57	-21.41	-9.61	0.00	-11.84
GILBOA___1 23756	29.78	24.36	21.24	21.12	20.61	21.61	21.53	20.10	20.23	20.06	21.14	21.56	25.06	25.24	26.46	29.02	30.96	36.91	39.17	41.94	41.82	33.57	29.49	28.09
	0.58	0.48	0.47	0.47	0.41	0.22	0.32	0.29	0.27	0.30	0.31	0.35	0.40	0.29	0.36	0.41	0.44	0.59	0.59	0.70	0.72	0.68	0.75	0.51
	-12.76	-9.90	-7.99	-7.69	-9.03	-14.38	-11.01	-9.61	-10.46	-9.33	-10.19	-8.26	-9.76	-14.43	-13.16	-14.46	-14.15	-15.25	-17.61	-17.91	-16.99	-7.63	0.00	-9.41
GILBOA___2 23757	29.78	24.36	21.24	21.12	20.61	21.61	21.53	20.10	20.23	20.06	21.14	21.56	25.06	25.24	26.46	29.02	30.96	36.91	39.17	41.94	41.82	33.57	29.49	28.09
	0.58	0.48	0.47	0.47	0.41	0.22	0.32	0.29	0.27	0.30	0.31	0.35	0.40	0.29	0.36	0.41	0.44	0.59	0.59	0.70	0.72	0.68	0.75	0.51
	-12.76	-9.90	-7.99	-7.69	-9.03	-14.38	-11.01	-9.61	-10.46	-9.33	-10.19	-8.26	-9.76	-14.43	-13.16	-14.46	-14.15	-15.25	-17.61	-17.91	-16.99	-7.63	0.00	-9.41
GILBOA___3 23758	29.78	24.36	21.24	21.12	20.61	21.61	21.53	20.10	20.23	20.06	21.14	21.56	25.06	25.24	26.46	29.02	30.96	36.91	39.17	41.94	41.82	33.57	29.49	28.09
	0.58	0.48	0.47	0.47	0.41	0.22	0.32	0.29	0.27	0.30	0.31	0.35	0.40	0.29	0.36	0.41	0.44	0.59	0.59	0.70	0.72	0.68	0.75	0.51
	-12.76	-9.90	-7.99	-7.69	-9.03	-14.38	-11.01	-9.61	-10.46	-9.33	-10.19	-8.26	-9.76	-14.43	-13.16	-14.46	-14.15	-15.25	-17.61	-17.91	-16.99	-7.63	0.00	-9.41
GILBOA___4 23759	29.78	24.36	21.24	21.12	20.61	21.61	21.53	20.10	20.23	20.06	21.14	21.56	25.06	25.24	26.46	29.02	30.96	36.91	39.17	41.94	41.82	33.57	29.49	28.09
	0.58	0.48	0.47	0.47	0.41	0.22	0.32	0.29	0.27	0.30	0.31	0.35	0.40	0.29	0.36	0.41	0.44	0.59	0.59	0.70	0.72	0.68	0.75	0.51
	-12.76	-9.90	-7.99	-7.69	-9.03	-14.38	-11.01	-9.61	-10.46	-9.33	-10.19	-8.26	-9.76	-14.43	-13.16	-14.46	-14.15	-15.25	-17.61	-17.91	-16.99	-7.63	0.00	-9.41

GILBOA____ 23599	29.78 0.58 -12.76	24.36 0.48 -9.90	21.24 0.47 -7.99	21.12 0.47 -7.69	20.57 0.41 -8.99	21.57 0.22 -14.33	21.49 0.32 -10.97	20.08 0.30 -9.58	20.23 0.27 -10.46	20.05 0.30 -9.33	21.13 0.31 -10.19	21.55 0.35 -8.25	25.05 0.40 -9.76	25.24 0.29 -14.43	26.46 0.36 -13.16	29.01 0.40 -14.46	30.97 0.44 -14.15	36.85 0.57 -15.20	39.11 0.59 -17.56	41.94 0.70 -17.91	41.82 0.72 -16.99	33.57 0.68 -7.63	29.52 0.78 0.00	28.08 0.53 -9.38
GINNA____ 23603	16.87 -1.10 -1.53	14.21 -0.96 -1.19	12.89 -0.84 -0.96	13.02 -0.87 -0.92	11.46 -0.75 -1.05	8.39 -0.52 -1.89	10.88 -0.78 -1.45	10.67 -0.80 -1.27	10.06 -0.75 -1.31	10.80 -0.79 -1.17	11.15 -0.77 -1.28	12.93 -1.05 -1.03	14.45 -1.21 -0.76	11.52 -0.80 -1.81	13.63 -0.96 -1.65	14.85 -1.02 -1.72	16.91 -1.33 -1.86	21.42 -1.67 -2.01	21.67 -1.61 -2.32	24.17 -1.52 -2.36	24.71 -1.64 -2.24	24.27 -2.00 -1.00	26.24 -2.50 0.00	18.10 -1.31 -1.24
GLEN PARK____ 23778	17.11 -0.02 -0.68	14.46 -0.06 -0.53	13.10 -0.10 -0.43	13.32 -0.05 -0.41	11.68 -0.01 -0.53	7.96 -0.06 -1.01	10.85 -0.12 -0.77	10.72 -0.15 -0.67	9.98 -0.26 -0.74	10.80 -0.28 -0.66	11.07 -0.29 -0.72	13.13 -0.40 -0.58	15.10 -0.48 -0.69	11.22 -0.32 -1.02	13.48 -0.39 -0.93	14.77 -0.40 -1.02	16.97 -0.39 -0.99	21.81 -0.34 -1.07	22.12 -0.08 -1.23	24.75 0.16 -1.25	25.66 0.36 -1.19	26.03 0.23 -0.53	28.80 0.06 0.00	18.85 0.02 -0.66
GLENDALE_27_KV_LOAD 356172	30.97 1.71 -12.82	25.33 1.40 -9.94	22.02 1.23 -8.02	21.90 1.22 -7.72	21.24 1.05 -9.03	21.97 0.58 -14.37	22.09 0.89 -11.00	20.83 0.98 -9.65	22.99 0.90 -12.58	25.36 1.01 -13.93	26.82 1.00 -15.18	27.74 1.18 -13.61	27.44 1.37 -11.18	27.46 1.00 -15.94	29.59 1.23 -15.42	29.97 1.33 -14.49	32.06 1.51 -14.18	38.28 1.96 -15.24	40.52 1.95 -17.60	43.42 2.15 -17.95	43.31 2.17 -17.03	35.11 2.20 -7.64	31.16 2.41 0.00	28.96 1.38 -9.41
GLENWOOD_IC_1_G5 23712	41.72 1.73 -23.55	54.24 1.34 -38.91	56.68 1.18 -42.72	55.32 1.21 -41.15	38.45 1.05 -26.24	27.11 0.60 -19.50	29.29 0.89 -18.20	20.80 0.97 -9.63	29.38 0.91 -18.97	30.16 1.01 -18.73	32.05 1.00 -20.41	40.28 1.18 -26.16	46.38 1.36 -30.13	46.40 0.97 -34.92	51.35 1.18 -37.23	55.74 1.26 -40.34	57.64 1.41 -39.86	63.30 1.85 -40.37	57.18 1.82 -34.38	69.78 2.03 -44.42	76.64 2.07 -50.45	55.50 2.10 -28.14	56.09 2.33 -25.02	46.72 1.40 -27.14
GLENWOOD_IC_2_G1 23688	35.75 1.61 -17.70	26.46 1.30 -11.17	23.40 1.12 -9.50	23.24 1.13 -9.15	21.92 0.97 -9.79	22.20 0.55 -14.63	22.37 0.83 -11.34	20.74 0.91 -9.63	21.08 0.86 -10.72	20.84 0.94 -9.48	21.92 0.93 -10.35	22.77 1.10 -8.72	26.74 1.28 -10.57	26.69 0.93 -15.25	28.16 1.14 -14.08	30.98 1.23 -15.60	33.01 1.36 -15.28	39.22 1.79 -16.35	41.12 1.78 -18.37	44.39 1.98 -19.08	44.61 2.05 -18.46	35.83 2.05 -8.52	31.97 2.16 -1.07	29.69 1.33 -10.19
GLENWOOD_IC_3_G1 23689	35.75 1.61 -17.70	26.46 1.30 -11.17	23.40 1.12 -9.50	23.24 1.13 -9.15	21.92 0.97 -9.79	22.20 0.55 -14.63	22.37 0.83 -11.34	20.74 0.91 -9.63	21.08 0.86 -10.72	20.84 0.94 -9.48	21.92 0.93 -10.35	22.77 1.10 -8.72	26.74 1.28 -10.57	26.69 0.93 -15.25	28.16 1.14 -14.08	30.98 1.23 -15.60	33.01 1.36 -15.28	39.22 1.79 -16.35	41.12 1.78 -18.37	44.39 1.98 -19.08	44.61 2.05 -18.46	35.83 2.05 -8.52	31.97 2.16 -1.07	29.69 1.33 -10.19
GLENWOOD____4 23550	41.72 1.73 -23.55	54.25 1.36 -38.91	56.69 1.19 -42.72	55.32 1.21 -41.15	38.45 1.05 -26.24	27.11 0.60 -19.50	29.29 0.89 -18.20	20.80 0.97 -9.63	29.38 0.91 -18.97	30.16 1.01 -18.73	32.05 1.00 -20.41	40.28 1.18 -26.16	46.38 1.36 -30.13	46.41 0.98 -34.92	51.38 1.20 -37.23	55.76 1.27 -40.34	57.67 1.44 -39.86	63.33 1.88 -40.37	57.22 1.87 -34.38	69.80 2.05 -44.42	76.66 2.10 -50.45	55.53 2.12 -28.14	56.12 2.36 -25.02	46.75 1.44 -27.14
GLENWOOD____5 23614	41.72 1.73 -23.55	54.25 1.36 -38.91	56.69 1.19 -42.72	55.32 1.21 -41.15	38.45 1.05 -26.24	27.11 0.60 -19.50	29.29 0.89 -18.20	20.80 0.97 -9.63	29.38 0.91 -18.97	30.16 1.01 -18.73	32.05 1.00 -20.41	40.28 1.18 -26.16	46.38 1.36 -30.13	46.41 0.98 -34.92	51.38 1.20 -37.23	55.76 1.27 -40.34	57.67 1.44 -39.86	63.33 1.88 -40.37	57.22 1.87 -34.38	69.80 2.05 -44.42	76.66 2.10 -50.45	55.53 2.12 -28.14	56.12 2.36 -25.02	46.75 1.44 -27.14
GLOBAL GREEN_PORT_GT1 23814	43.44 2.48 -24.52	42.44 1.93 -26.52	47.66 1.72 -33.16	41.57 1.74 -26.87	31.58 1.50 -18.92	25.26 0.88 -17.35	26.65 1.29 -15.16	21.20 1.36 -9.64	26.05 1.26 -15.29	26.42 1.40 -14.60	27.77 1.21 -15.92	32.72 1.40 -18.37	37.87 1.58 -21.39	37.84 1.19 -26.14	41.28 1.45 -26.89	45.04 1.60 -29.29	47.13 1.87 -28.89	68.18 2.51 -44.59	50.78 2.49 -27.31	59.29 2.80 -33.16	63.18 2.84 -36.22	49.42 2.80 -21.35	46.11 3.05 -14.32	39.72 1.96 -19.59
GLOBE____DSASP 323697	17.08 -1.36 -2.01	14.44 -1.10 -1.56	13.10 -0.93 -1.26	13.21 -0.96 -1.21	11.80 -0.78 -1.41	8.76 -0.50 -2.24	11.15 -0.77 -1.71	10.75 -0.95 -1.50	10.44 -0.86 -1.79	11.12 -0.90 -1.59	11.42 -0.96 -1.74	12.99 -1.37 -1.41	13.04 -1.43 0.42	11.91 -1.04 -2.44	13.87 -1.29 -2.22	14.89 -1.32 -2.06	15.71 -1.54 -0.88	18.21 -1.92 0.95	21.62 -2.10 -2.74	24.48 -1.91 -3.06	24.89 -2.12 -2.90	23.89 -2.68 -1.30	25.50 -3.25 0.00	18.28 -1.36 -1.47
GOETHSLN____LBMP 323567	30.79 1.53 -12.82	25.18 1.26 -9.94	21.88 1.09 -8.02	21.76 1.08 -7.72	21.10 0.92 -9.02	21.91 0.52 -14.37	21.99 0.79 -11.00	20.73 0.89 -9.64	22.55 0.85 -12.20	24.46 0.94 -13.10	25.85 0.93 -14.29	26.70 1.10 -12.65	27.09 1.27 -10.93	27.12 0.93 -15.68	28.50 1.14 -14.42	29.84 1.20 -14.49	31.93 1.38 -14.18	38.15 1.83 -15.23	40.37 1.80 -17.60	43.24 1.96 -17.95	43.11 1.98 -17.03	34.90 2.00 -7.64	30.90 2.16 0.00	28.80 1.22 -9.40
GOLAH____69_KV_TB 1_2 80279	17.49 -0.56 -1.61	14.76 -0.48 -1.25	13.39 -0.40 -1.01	13.53 -0.40 -0.97	11.97 -0.32 -1.13	8.53 -0.24 -1.76	11.17 -0.38 -1.34	10.93 -0.45 -1.17	10.51 -0.44 -1.44	11.24 -0.47 -1.29	11.57 -0.48 -1.41	13.35 -0.74 -1.14	14.90 -0.86 -0.86	11.90 -0.56 -1.94	14.02 -0.69 -1.77	15.31 -0.69 -1.85	16.99 -0.93 -1.55	21.82 -1.12 -1.86	22.09 -1.03 -2.15	25.05 -0.75 -2.47	25.61 -0.84 -2.35	25.08 -1.24 -1.05	27.02 -1.72 0.00	18.70 -0.62 -1.15
GOODYEAR_LAKE_HYD 323669	21.30 0.76 -4.11	17.79 0.62 -3.19	15.88 0.54 -2.57	16.00 0.56 -2.48	14.57 0.51 -2.89	12.01 0.28 -4.71	14.20 0.40 -3.60	13.76 0.41 -3.15	13.34 0.35 -3.48	13.94 0.41 -3.11	14.46 0.43 -3.39	16.18 0.48 -2.75	18.71 0.57 -3.25	15.76 0.43 -4.81	17.87 0.54 -4.39	19.57 0.59 -4.82	21.77 0.67 -4.72	26.98 0.91 -4.99	27.68 0.94 -5.77	30.41 1.12 -5.96	30.97 1.21 -5.66	28.94 1.14 -2.54	29.95 1.21 0.00	22.04 0.78 -3.08
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	20.74 0.02 -4.28	17.31 0.00 -3.32	15.46 0.00 -2.68	15.55 0.00 -2.58	14.19 0.01 -3.02	12.01 -0.04 -5.03	13.98 -0.07 -3.85	13.48 -0.08 -3.36	13.20 -0.08 -3.78	13.73 -0.06 -3.37	14.23 -0.09 -3.68	15.76 -0.17 -2.98	18.60 -0.19 -3.90	15.64 -0.11 -5.23	17.60 -0.12 -4.77	19.35 -0.11 -5.31	21.63 -0.15 -5.41	26.24 -0.17 -5.33	27.05 -0.08 -6.16	29.87 0.07 -6.47	30.29 0.05 -6.14	27.89 -0.13 -2.75	28.60 -0.14 0.00	21.47 0.00 -3.29

GOUDEY___7 23579	20.74 0.02 -4.28	17.31 0.00 -3.32	15.46 0.00 -2.68	15.55 0.00 -2.58	14.19 0.01 -3.02	12.01 -0.04 -5.03	13.98 -0.07 -3.85	13.48 -0.08 -3.36	13.20 -0.08 -3.78	13.73 -0.06 -3.37	14.23 -0.09 -3.68	15.76 -0.17 -2.98	18.60 -0.19 -3.90	15.64 -0.11 -5.23	17.60 -0.12 -4.77	19.35 -0.11 -5.31	21.63 -0.15 -5.41	26.24 -0.17 -5.33	27.05 -0.08 -6.16	29.87 0.07 -6.47	30.29 0.05 -6.14	27.89 -0.13 -2.75	28.60 -0.14 0.00	21.47 0.00 -3.29
GOUDEY___8 23580	20.74 0.02 -4.28	17.31 0.00 -3.32	15.46 0.00 -2.68	15.55 0.00 -2.58	14.19 0.01 -3.02	12.01 -0.04 -5.03	13.98 -0.07 -3.85	13.48 -0.08 -3.36	13.20 -0.08 -3.78	13.73 -0.06 -3.37	14.23 -0.09 -3.68	15.76 -0.17 -2.98	18.60 -0.19 -3.90	15.64 -0.11 -5.23	17.60 -0.12 -4.77	19.35 -0.11 -5.31	21.63 -0.15 -5.41	26.24 -0.17 -5.33	27.05 -0.08 -6.16	29.87 0.07 -6.47	30.29 0.05 -6.14	27.89 -0.13 -2.75	28.60 -0.14 0.00	21.47 0.00 -3.29
GOWANUS_GT1_1 24077	31.00 1.74 -12.82	25.37 1.44 -9.95	22.06 1.26 -8.02	21.95 1.26 -7.73	21.26 1.07 -9.03	21.98 0.59 -14.37	22.09 0.89 -11.00	20.81 0.96 -9.65	22.96 0.87 -12.58	25.33 0.98 -13.93	26.80 0.98 -15.18	27.72 1.17 -13.61	27.41 1.34 -11.18	27.45 0.99 -15.94	35.55 1.22 -21.40	30.01 1.34 -14.51	32.10 1.52 -14.21	38.28 1.94 -15.26	40.56 1.93 -17.66	43.40 2.12 -17.95	43.31 2.17 -17.03	35.16 2.25 -7.65	31.22 2.47 -0.01	29.00 1.42 -9.41
GOWANUS_GT1_2 24078	31.00 1.74 -12.82	25.37 1.44 -9.95	22.06 1.26 -8.02	21.95 1.26 -7.73	21.26 1.07 -9.03	21.98 0.59 -14.37	22.09 0.89 -11.00	20.81 0.96 -9.65	22.96 0.87 -12.58	25.33 0.98 -13.93	26.80 0.98 -15.18	27.72 1.17 -13.61	27.41 1.34 -11.18	27.45 0.99 -15.94	35.55 1.22 -21.40	30.01 1.34 -14.51	32.10 1.52 -14.21	38.28 1.94 -15.26	40.56 1.93 -17.66	43.40 2.12 -17.95	43.31 2.17 -17.03	35.16 2.25 -7.65	31.22 2.47 -0.01	29.00 1.42 -9.41
GOWANUS_GT1_3 24079	31.00 1.74 -12.82	25.37 1.44 -9.95	22.06 1.26 -8.02	21.95 1.26 -7.73	21.26 1.07 -9.03	21.98 0.59 -14.37	22.09 0.89 -11.00	20.81 0.96 -9.65	22.96 0.87 -12.58	25.33 0.98 -13.93	26.80 0.98 -15.18	27.72 1.17 -13.61	27.41 1.34 -11.18	27.45 0.99 -15.94	35.55 1.22 -21.40	30.01 1.34 -14.51	32.10 1.52 -14.21	38.28 1.94 -15.26	40.56 1.93 -17.66	43.40 2.12 -17.95	43.31 2.17 -17.03	35.16 2.25 -7.65	31.22 2.47 -0.01	29.00 1.42 -9.41
GOWANUS_GT1_4 24080	31.00 1.74 -12.82	25.37 1.44 -9.95	22.06 1.26 -8.02	21.95 1.26 -7.73	21.26 1.07 -9.03	21.98 0.59 -14.37	22.09 0.89 -11.00	20.81 0.96 -9.65	22.96 0.87 -12.58	25.33 0.98 -13.93	26.80 0.98 -15.18	27.72 1.17 -13.61	27.41 1.34 -11.18	27.45 0.99 -15.94	35.55 1.22 -21.40	30.01 1.34 -14.51	32.10 1.52 -14.21	38.28 1.94 -15.26	40.56 1.93 -17.66	43.40 2.12 -17.95	43.31 2.17 -17.03	35.16 2.25 -7.65	31.22 2.47 -0.01	29.00 1.42 -9.41
GOWANUS_GT1_5 24084	31.00 1.74 -12.82	25.37 1.44 -9.95	22.06 1.26 -8.02	21.95 1.26 -7.73	21.26 1.07 -9.03	21.98 0.59 -14.37	22.09 0.89 -11.00	20.81 0.96 -9.65	22.96 0.87 -12.58	25.33 0.98 -13.93	26.80 0.98 -15.18	27.72 1.17 -13.61	27.41 1.34 -11.18	27.45 0.99 -15.94	35.55 1.22 -21.40	30.01 1.34 -14.51	32.10 1.52 -14.21	38.28 1.94 -15.26	40.56 1.93 -17.66	43.40 2.12 -17.95	43.31 2.17 -17.03	35.16 2.25 -7.65	31.22 2.47 -0.01	29.00 1.42 -9.41
GOWANUS_GT1_6 24111	31.00 1.74 -12.82	25.37 1.44 -9.95	22.06 1.26 -8.02	21.95 1.26 -7.73	21.26 1.07 -9.03	21.98 0.59 -14.37	22.09 0.89 -11.00	20.81 0.96 -9.65	22.96 0.87 -12.58	25.33 0.98 -13.93	26.80 0.98 -15.18	27.72 1.17 -13.61	27.41 1.34 -11.18	27.45 0.99 -15.94	35.55 1.22 -21.40	30.01 1.34 -14.51	32.10 1.52 -14.21	38.28 1.94 -15.26	40.56 1.93 -17.66	43.40 2.12 -17.95	43.31 2.17 -17.03	35.16 2.25 -7.65	31.22 2.47 -0.01	29.00 1.42 -9.41
GOWANUS_GT1_7 24112	31.00 1.74 -12.82	25.37 1.44 -9.95	22.06 1.26 -8.02	21.95 1.26 -7.73	21.26 1.07 -9.03	21.98 0.59 -14.37	22.09 0.89 -11.00	20.81 0.96 -9.65	22.96 0.87 -12.58	25.33 0.98 -13.93	26.80 0.98 -15.18	27.72 1.17 -13.61	27.41 1.34 -11.18	27.45 0.99 -15.94	35.55 1.22 -21.40	30.01 1.34 -14.51	32.10 1.52 -14.21	38.28 1.94 -15.26	40.56 1.93 -17.66	43.40 2.12 -17.95	43.31 2.17 -17.03	35.16 2.25 -7.65	31.22 2.47 -0.01	29.00 1.42 -9.41
GOWANUS_GT1_8 24113	31.00 1.74 -12.82	25.37 1.44 -9.95	22.06 1.26 -8.02	21.95 1.26 -7.73	21.26 1.07 -9.03	21.98 0.59 -14.37	22.09 0.89 -11.00	20.81 0.96 -9.65	22.96 0.87 -12.58	25.33 0.98 -13.93	26.80 0.98 -15.18	27.72 1.17 -13.61	27.41 1.34 -11.18	27.45 0.99 -15.94	35.55 1.22 -21.40	30.01 1.34 -14.51	32.10 1.52 -14.21	38.28 1.94 -15.26	40.56 1.93 -17.66	43.40 2.12 -17.95	43.31 2.17 -17.03	35.16 2.25 -7.65	31.22 2.47 -0.01	29.00 1.42 -9.41
GOWANUS_GT2_1 24114	31.01 1.74 -12.83	25.37 1.44 -9.95	22.06 1.25 -8.03	21.95 1.26 -7.73	21.29 1.07 -9.05	22.02 0.59 -14.41	22.12 0.89 -11.03	20.84 0.96 -9.67	22.96 0.87 -12.58	25.33 0.98 -13.93	26.80 0.98 -15.19	27.73 1.17 -13.61	27.43 1.36 -11.18	27.45 0.99 -15.94	35.55 1.22 -21.40	30.02 1.36 -14.51	32.10 1.52 -14.20	38.34 1.96 -15.30	40.62 1.95 -17.70	43.45 2.17 -17.95	43.40 2.27 -17.03	35.22 2.30 -7.65	31.17 2.41 -0.01	29.02 1.42 -9.43
GOWANUS_GT2_2 24115	31.01 1.74 -12.83	25.37 1.44 -9.95	22.06 1.25 -8.03	21.95 1.26 -7.73	21.29 1.07 -9.05	22.02 0.59 -14.41	22.12 0.89 -11.03	20.84 0.96 -9.67	22.96 0.87 -12.58	25.33 0.98 -13.93	26.80 0.98 -15.19	27.73 1.17 -13.61	27.43 1.36 -11.18	27.45 0.99 -15.94	35.55 1.22 -21.40	30.02 1.36 -14.51	32.10 1.52 -14.20	38.34 1.96 -15.30	40.62 1.95 -17.70	43.45 2.17 -17.95	43.40 2.27 -17.03	35.22 2.30 -7.65	31.17 2.41 -0.01	29.02 1.42 -9.43
GOWANUS_GT2_3 24116	31.01 1.74 -12.83	25.37 1.44 -9.95	22.06 1.25 -8.03	21.95 1.26 -7.73	21.29 1.07 -9.05	22.02 0.59 -14.41	22.12 0.89 -11.03	20.84 0.96 -9.67	22.96 0.87 -12.58	25.33 0.98 -13.93	26.80 0.98 -15.19	27.73 1.17 -13.61	27.43 1.36 -11.18	27.45 0.99 -15.94	35.55 1.22 -21.40	30.02 1.36 -14.51	32.10 1.52 -14.20	38.34 1.96 -15.30	40.62 1.95 -17.70	43.45 2.17 -17.95	43.40 2.27 -17.03	35.22 2.30 -7.65	31.17 2.41 -0.01	29.02 1.42 -9.43
GOWANUS_GT2_4 24117	31.01 1.74 -12.83	25.37 1.44 -9.95	22.06 1.25 -8.03	21.95 1.26 -7.73	21.29 1.07 -9.05	22.02 0.59 -14.41	22.12 0.89 -11.03	20.84 0.96 -9.67	22.96 0.87 -12.58	25.33 0.98 -13.93	26.80 0.98 -15.19	27.73 1.17 -13.61	27.43 1.36 -11.18	27.45 0.99 -15.94	35.55 1.22 -21.40	30.02 1.36 -14.51	32.10 1.52 -14.20	38.34 1.96 -15.30	40.62 1.95 -17.70	43.45 2.17 -17.95	43.40 2.27 -17.03	35.22 2.30 -7.65	31.17 2.41 -0.01	29.02 1.42 -9.43
GOWANUS_GT2_5 24118	31.01 1.74 -12.83	25.37 1.44 -9.95	22.06 1.25 -8.03	21.95 1.26 -7.73	21.29 1.07 -9.05	22.02 0.59 -14.41	22.12 0.89 -11.03	20.84 0.96 -9.67	22.96 0.87 -12.58	25.33 0.98 -13.93	26.80 0.98 -15.19	27.73 1.17 -13.61	27.43 1.36 -11.18	27.45 0.99 -15.94	35.55 1.22 -21.40	30.02 1.36 -14.51	32.10 1.52 -14.20	38.34 1.96 -15.30	40.62 1.95 -17.70	43.45 2.17 -17.95	43.40 2.27 -17.03	35.22 2.30 -7.65	31.17 2.41 -0.01	29.02 1.42 -9.43

GOWANUS_GT2_6 24119	31.01 1.74 -12.83	25.37 1.44 -9.95	22.06 1.25 -8.03	21.95 1.26 -7.73	21.29 1.07 -9.05	22.02 0.59 -14.41	22.12 0.89 -11.03	20.84 0.96 -9.67	22.96 0.87 -12.58	25.33 0.98 -13.93	26.80 0.98 -15.19	27.73 1.17 -13.61	27.43 1.36 -11.18	27.45 0.99 -15.94	35.55 1.22 -21.40	30.02 1.36 -14.51	32.10 1.52 -14.20	38.34 1.96 -15.30	40.62 1.95 -17.70	43.45 2.17 -17.95	43.40 2.27 -17.03	35.22 2.30 -7.65	31.17 2.41 -0.01	29.02 1.42 -9.43
GOWANUS_GT2_7 24120	31.01 1.74 -12.83	25.37 1.44 -9.95	22.06 1.25 -8.03	21.95 1.26 -7.73	21.29 1.07 -9.05	22.02 0.59 -14.41	22.12 0.89 -11.03	20.84 0.96 -9.67	22.96 0.87 -12.58	25.33 0.98 -13.93	26.80 0.98 -15.19	27.73 1.17 -13.61	27.43 1.36 -11.18	27.45 0.99 -15.94	35.55 1.22 -21.40	30.02 1.36 -14.51	32.10 1.52 -14.20	38.34 1.96 -15.30	40.62 1.95 -17.70	43.45 2.17 -17.95	43.40 2.27 -17.03	35.22 2.30 -7.65	31.17 2.41 -0.01	29.02 1.42 -9.43
GOWANUS_GT2_8 24121	31.01 1.74 -12.83	25.37 1.44 -9.95	22.06 1.25 -8.03	21.95 1.26 -7.73	21.29 1.07 -9.05	22.02 0.59 -14.41	22.12 0.89 -11.03	20.84 0.96 -9.67	22.96 0.87 -12.58	25.33 0.98 -13.93	26.80 0.98 -15.19	27.73 1.17 -13.61	27.43 1.36 -11.18	27.45 0.99 -15.94	35.55 1.22 -21.40	30.02 1.36 -14.51	32.10 1.52 -14.20	38.34 1.96 -15.30	40.62 1.95 -17.70	43.45 2.17 -17.95	43.40 2.27 -17.03	35.22 2.30 -7.65	31.17 2.41 -0.01	29.02 1.42 -9.43
GOWANUS_GT3_1 24122	31.01 1.74 -12.83	25.37 1.44 -9.95	22.06 1.25 -8.03	21.95 1.26 -7.73	21.29 1.07 -9.05	22.02 0.59 -14.41	22.12 0.89 -11.03	20.84 0.96 -9.67	22.96 0.87 -12.58	25.33 0.98 -13.93	26.80 0.98 -15.19	27.73 1.17 -13.61	27.43 1.36 -11.18	27.45 0.99 -15.94	35.55 1.22 -21.40	30.02 1.36 -14.51	32.10 1.52 -14.20	38.34 1.96 -15.30	40.62 1.95 -17.70	43.45 2.17 -17.95	43.40 2.27 -17.03	35.22 2.30 -7.65	31.17 2.41 -0.01	29.02 1.42 -9.43
GOWANUS_GT3_2 24123	31.01 1.74 -12.83	25.37 1.44 -9.95	22.06 1.25 -8.03	21.95 1.26 -7.73	21.29 1.07 -9.05	22.02 0.59 -14.41	22.12 0.89 -11.03	20.84 0.96 -9.67	22.96 0.87 -12.58	25.33 0.98 -13.93	26.80 0.98 -15.19	27.73 1.17 -13.61	27.43 1.36 -11.18	27.45 0.99 -15.94	35.55 1.22 -21.40	30.02 1.36 -14.51	32.10 1.52 -14.20	38.34 1.96 -15.30	40.62 1.95 -17.70	43.45 2.17 -17.95	43.40 2.27 -17.03	35.22 2.30 -7.65	31.17 2.41 -0.01	29.02 1.42 -9.43
GOWANUS_GT3_3 24124	31.01 1.74 -12.83	25.37 1.44 -9.95	22.06 1.25 -8.03	21.95 1.26 -7.73	21.29 1.07 -9.05	22.02 0.59 -14.41	22.12 0.89 -11.03	20.84 0.96 -9.67	22.96 0.87 -12.58	25.33 0.98 -13.93	26.80 0.98 -15.19	27.73 1.17 -13.61	27.43 1.36 -11.18	27.45 0.99 -15.94	35.55 1.22 -21.40	30.02 1.36 -14.51	32.10 1.52 -14.20	38.34 1.96 -15.30	40.62 1.95 -17.70	43.45 2.17 -17.95	43.40 2.27 -17.03	35.22 2.30 -7.65	31.17 2.41 -0.01	29.02 1.42 -9.43
GOWANUS_GT3_4 24125	31.01 1.74 -12.83	25.37 1.44 -9.95	22.06 1.25 -8.03	21.95 1.26 -7.73	21.29 1.07 -9.05	22.02 0.59 -14.41	22.12 0.89 -11.03	20.84 0.96 -9.67	22.96 0.87 -12.58	25.33 0.98 -13.93	26.80 0.98 -15.19	27.73 1.17 -13.61	27.43 1.36 -11.18	27.45 0.99 -15.94	35.55 1.22 -21.40	30.02 1.36 -14.51	32.10 1.52 -14.20	38.34 1.96 -15.30	40.62 1.95 -17.70	43.45 2.17 -17.95	43.40 2.27 -17.03	35.22 2.30 -7.65	31.17 2.41 -0.01	29.02 1.42 -9.43
GOWANUS_GT3_5 24126	31.01 1.74 -12.83	25.37 1.44 -9.95	22.06 1.25 -8.03	21.95 1.26 -7.73	21.29 1.07 -9.05	22.02 0.59 -14.41	22.12 0.89 -11.03	20.84 0.96 -9.67	22.96 0.87 -12.58	25.33 0.98 -13.93	26.80 0.98 -15.19	27.73 1.17 -13.61	27.43 1.36 -11.18	27.45 0.99 -15.94	35.55 1.22 -21.40	30.02 1.36 -14.51	32.10 1.52 -14.20	38.34 1.96 -15.30	40.62 1.95 -17.70	43.45 2.17 -17.95	43.40 2.27 -17.03	35.22 2.30 -7.65	31.17 2.41 -0.01	29.02 1.42 -9.43
GOWANUS_GT3_6 24127	31.01 1.74 -12.83	25.37 1.44 -9.95	22.06 1.25 -8.03	21.95 1.26 -7.73	21.29 1.07 -9.05	22.02 0.59 -14.41	22.12 0.89 -11.03	20.84 0.96 -9.67	22.96 0.87 -12.58	25.33 0.98 -13.93	26.80 0.98 -15.19	27.73 1.17 -13.61	27.43 1.36 -11.18	27.45 0.99 -15.94	35.55 1.22 -21.40	30.02 1.36 -14.51	32.10 1.52 -14.20	38.34 1.96 -15.30	40.62 1.95 -17.70	43.45 2.17 -17.95	43.40 2.27 -17.03	35.22 2.30 -7.65	31.17 2.41 -0.01	29.02 1.42 -9.43
GOWANUS_GT3_7 24128	31.01 1.74 -12.83	25.37 1.44 -9.95	22.06 1.25 -8.03	21.95 1.26 -7.73	21.29 1.07 -9.05	22.02 0.59 -14.41	22.12 0.89 -11.03	20.84 0.96 -9.67	22.96 0.87 -12.58	25.33 0.98 -13.93	26.80 0.98 -15.19	27.73 1.17 -13.61	27.43 1.36 -11.18	27.45 0.99 -15.94	35.55 1.22 -21.40	30.02 1.36 -14.51	32.10 1.52 -14.20	38.34 1.96 -15.30	40.62 1.95 -17.70	43.45 2.17 -17.95	43.40 2.27 -17.03	35.22 2.30 -7.65	31.17 2.41 -0.01	29.02 1.42 -9.43
GOWANUS_GT3_8 24129	31.01 1.74 -12.83	25.37 1.44 -9.95	22.06 1.25 -8.03	21.95 1.26 -7.73	21.29 1.07 -9.05	22.02 0.59 -14.41	22.12 0.89 -11.03	20.84 0.96 -9.67	22.96 0.87 -12.58	25.33 0.98 -13.93	26.80 0.98 -15.19	27.73 1.17 -13.61	27.43 1.36 -11.18	27.45 0.99 -15.94	35.55 1.22 -21.40	30.02 1.36 -14.51	32.10 1.52 -14.20	38.34 1.96 -15.30	40.62 1.95 -17.70	43.45 2.17 -17.95	43.40 2.27 -17.03	35.22 2.30 -7.65	31.17 2.41 -0.01	29.02 1.42 -9.43
GOWANUS_GT4_1 24130	31.00 1.74 -12.82	25.37 1.44 -9.95	22.06 1.26 -8.02	21.95 1.26 -7.73	21.26 1.07 -9.03	21.98 0.59 -14.37	22.09 0.89 -11.00	20.81 0.96 -9.65	22.96 0.87 -12.58	25.33 0.98 -13.93	26.80 0.98 -15.18	27.72 1.17 -13.61	27.41 1.34 -11.18	27.45 0.99 -15.94	35.55 1.22 -21.40	30.01 1.34 -14.51	32.10 1.52 -14.21	38.28 1.94 -15.26	40.56 1.93 -17.66	43.40 2.12 -17.95	43.31 2.17 -17.03	35.16 2.25 -7.65	31.22 2.47 -0.01	29.00 1.42 -9.41
GOWANUS_GT4_2 24131	31.00 1.74 -12.82	25.37 1.44 -9.95	22.06 1.26 -8.02	21.95 1.26 -7.73	21.26 1.07 -9.03	21.98 0.59 -14.37	22.09 0.89 -11.00	20.81 0.96 -9.65	22.96 0.87 -12.58	25.33 0.98 -13.93	26.80 0.98 -15.18	27.72 1.17 -13.61	27.41 1.34 -11.18	27.45 0.99 -15.94	35.55 1.22 -21.40	30.01 1.34 -14.51	32.10 1.52 -14.21	38.28 1.94 -15.26	40.56 1.93 -17.66	43.40 2.12 -17.95	43.31 2.17 -17.03	35.16 2.25 -7.65	31.22 2.47 -0.01	29.00 1.42 -9.41
GOWANUS_GT4_3 24132	31.00 1.74 -12.82	25.37 1.44 -9.95	22.06 1.26 -8.02	21.95 1.26 -7.73	21.26 1.07 -9.03	21.98 0.59 -14.37	22.09 0.89 -11.00	20.81 0.96 -9.65	22.96 0.87 -12.58	25.33 0.98 -13.93	26.80 0.98 -15.18	27.72 1.17 -13.61	27.41 1.34 -11.18	27.45 0.99 -15.94	35.55 1.22 -21.40	30.01 1.34 -14.51	32.10 1.52 -14.21	38.28 1.94 -15.26	40.56 1.93 -17.66	43.40 2.12 -17.95	43.31 2.17 -17.03	35.16 2.25 -7.65	31.22 2.47 -0.01	29.00 1.42 -9.41
GOWANUS_GT4_4 24133	31.00 1.74 -12.82	25.37 1.44 -9.95	22.06 1.26 -8.02	21.95 1.26 -7.73	21.26 1.07 -9.03	21.98 0.59 -14.37	22.09 0.89 -11.00	20.81 0.96 -9.65	22.96 0.87 -12.58	25.33 0.98 -13.93	26.80 0.98 -15.18	27.72 1.17 -13.61	27.41 1.34 -11.18	27.45 0.99 -15.94	35.55 1.22 -21.40	30.01 1.34 -14.51	32.10 1.52 -14.21	38.28 1.94 -15.26	40.56 1.93 -17.66	43.40 2.12 -17.95	43.31 2.17 -17.03	35.16 2.25 -7.65	31.22 2.47 -0.01	29.00 1.42 -9.41

GOWANUS_GT4_5 24134	31.00 1.74 -12.82	25.37 1.44 -9.95	22.06 1.26 -8.02	21.95 1.26 -7.73	21.26 1.07 -9.03	21.98 0.59 -14.37	22.09 0.89 -11.00	20.81 0.96 -9.65	22.96 0.87 -12.58	25.33 0.98 -13.93	26.80 0.98 -15.18	27.72 1.17 -13.61	27.41 1.34 -11.18	27.45 0.99 -15.94	35.55 1.22 -21.40	30.01 1.34 -14.51	32.10 1.52 -14.21	38.28 1.94 -15.26	40.56 1.93 -17.66	43.40 2.12 -17.95	43.31 2.17 -17.03	35.16 2.25 -7.65	31.22 2.47 -0.01	29.00 1.42 -9.41
GOWANUS_GT4_6 24135	31.00 1.74 -12.82	25.37 1.44 -9.95	22.06 1.26 -8.02	21.95 1.26 -7.73	21.26 1.07 -9.03	21.98 0.59 -14.37	22.09 0.89 -11.00	20.81 0.96 -9.65	22.96 0.87 -12.58	25.33 0.98 -13.93	26.80 0.98 -15.18	27.72 1.17 -13.61	27.41 1.34 -11.18	27.45 0.99 -15.94	35.55 1.22 -21.40	30.01 1.34 -14.51	32.10 1.52 -14.21	38.28 1.94 -15.26	40.56 1.93 -17.66	43.40 2.12 -17.95	43.31 2.17 -17.03	35.16 2.25 -7.65	31.22 2.47 -0.01	29.00 1.42 -9.41
GOWANUS_GT4_7 24136	31.00 1.74 -12.82	25.37 1.44 -9.95	22.06 1.26 -8.02	21.95 1.26 -7.73	21.26 1.07 -9.03	21.98 0.59 -14.37	22.09 0.89 -11.00	20.81 0.96 -9.65	22.96 0.87 -12.58	25.33 0.98 -13.93	26.80 0.98 -15.18	27.72 1.17 -13.61	27.41 1.34 -11.18	27.45 0.99 -15.94	35.55 1.22 -21.40	30.01 1.34 -14.51	32.10 1.52 -14.21	38.28 1.94 -15.26	40.56 1.93 -17.66	43.40 2.12 -17.95	43.31 2.17 -17.03	35.16 2.25 -7.65	31.22 2.47 -0.01	29.00 1.42 -9.41
GOWANUS_GT4_8 24137	31.00 1.74 -12.82	25.37 1.44 -9.95	22.06 1.26 -8.02	21.95 1.26 -7.73	21.26 1.07 -9.03	21.98 0.59 -14.37	22.09 0.89 -11.00	20.81 0.96 -9.65	22.96 0.87 -12.58	25.33 0.98 -13.93	26.80 0.98 -15.18	27.72 1.17 -13.61	27.41 1.34 -11.18	27.45 0.99 -15.94	35.55 1.22 -21.40	30.01 1.34 -14.51	32.10 1.52 -14.21	38.28 1.94 -15.26	40.56 1.93 -17.66	43.40 2.12 -17.95	43.31 2.17 -17.03	35.16 2.25 -7.65	31.22 2.47 -0.01	29.00 1.42 -9.41
GREATVR_69_KV_BK1 356245	43.26 2.35 -24.47	42.96 1.83 -27.15	46.27 1.65 -31.85	42.18 1.63 -27.59	31.83 1.41 -19.26	25.28 0.84 -17.42	26.71 1.22 -15.28	21.12 1.30 -9.62	26.18 1.21 -15.47	26.54 1.31 -14.80	28.04 1.26 -16.14	33.19 1.48 -18.76	38.36 1.64 -21.83	38.32 1.23 -26.58	41.87 1.51 -27.42	45.62 1.63 -29.84	47.66 1.85 -29.44	62.59 2.38 -39.13	51.03 2.45 -27.61	59.74 2.71 -33.71	63.78 2.75 -36.92	49.07 2.80 -21.00	46.82 3.22 -14.86	40.13 2.02 -19.94
GREENBSH_115KV_TB3 55895	33.10 0.39 -16.27	26.97 0.36 -12.62	23.36 0.40 -10.18	23.17 0.40 -9.81	22.97 0.35 -11.47	25.43 0.18 -18.23	24.41 0.24 -13.96	22.57 0.18 -12.18	22.96 0.17 -13.28	22.46 0.19 -11.85	23.78 0.20 -12.94	23.67 0.23 -10.49	27.55 0.27 -12.39	29.03 0.19 -18.33	29.89 0.23 -16.72	32.78 0.27 -18.37	34.64 0.29 -17.98	40.73 0.32 -19.33	43.64 0.34 -22.33	46.50 0.42 -22.75	46.13 0.43 -21.58	35.43 0.48 -9.69	29.26 0.52 0.00	30.45 0.35 -11.93
GREENDGE_115KV_TB5 80291	18.77 -0.26 -2.60	15.75 -0.25 -2.02	14.17 -0.23 -1.63	14.28 -0.25 -1.57	12.79 -0.20 -1.83	9.86 -0.18 -3.01	12.25 -0.27 -2.31	11.92 -0.30 -2.01	11.64 -0.21 -2.34	12.28 -0.23 -2.09	12.64 -0.28 -2.28	14.40 -0.40 -1.85	21.09 -0.49 -6.69	13.68 -0.30 -3.47	15.75 -0.36 -3.17	18.11 -0.35 -4.31	22.48 -0.56 -6.66	29.84 -0.65 -9.41	24.20 -0.46 -3.69	27.13 -0.21 -4.01	27.68 -0.24 -3.81	26.47 -0.51 -1.71	28.00 -0.75 0.00	19.89 -0.25 -1.97
GREENIDGE___3 23582	18.77 -0.26 -2.60	15.75 -0.25 -2.02	14.17 -0.23 -1.63	14.28 -0.25 -1.57	12.79 -0.20 -1.83	9.86 -0.18 -3.01	12.25 -0.27 -2.31	11.92 -0.30 -2.01	11.64 -0.21 -2.34	12.28 -0.23 -2.09	12.64 -0.28 -2.28	14.40 -0.40 -1.85	21.09 -0.49 -6.69	13.68 -0.30 -3.47	15.75 -0.36 -3.17	18.11 -0.35 -4.31	22.48 -0.56 -6.66	29.84 -0.65 -9.41	24.20 -0.46 -3.69	27.13 -0.21 -4.01	27.68 -0.24 -3.81	26.47 -0.51 -1.71	28.00 -0.75 0.00	19.89 -0.25 -1.97
GREENIDGE___4 23583	18.77 -0.26 -2.60	15.75 -0.25 -2.02	14.17 -0.23 -1.63	14.28 -0.25 -1.57	12.86 -0.20 -1.90	10.06 -0.18 -3.22	12.40 -0.27 -2.47	12.06 -0.30 -2.15	11.81 -0.21 -2.52	12.44 -0.23 -2.25	12.82 -0.28 -2.45	14.53 -0.40 -1.99	21.25 -0.49 -6.85	13.68 -0.31 -3.47	15.75 -0.36 -3.17	18.11 -0.35 -4.31	21.71 -0.54 -5.88	30.08 -0.63 -9.63	24.45 -0.46 -3.95	27.13 -0.21 -4.01	27.68 -0.24 -3.81	26.47 -0.51 -1.71	28.08 -0.66 0.00	20.03 -0.25 -2.11
GREENLWN_69_KV_BK 3 55738	42.86 1.94 -24.48	42.55 1.52 -27.04	41.87 1.39 -27.70	41.74 1.32 -27.45	31.49 1.15 -19.18	25.08 0.67 -17.39	26.44 0.99 -15.25	20.89 1.07 -9.62	25.94 1.00 -15.44	26.29 1.09 -14.77	27.81 1.06 -16.10	32.90 1.26 -18.69	38.08 1.43 -21.75	38.08 1.06 -26.50	41.57 1.31 -27.33	45.23 1.33 -29.75	47.10 1.39 -29.33	49.81 1.94 -26.79	50.27 1.80 -27.49	58.94 2.05 -33.56	63.00 2.15 -36.75	46.79 2.22 -19.31	45.95 2.44 -14.77	39.67 1.62 -19.88
GREENWD_138_KV_38B11_REV_LBMP_J 345004	31.00 1.74 -12.82	25.37 1.44 -9.95	22.06 1.26 -8.02	21.95 1.26 -7.73	21.26 1.07 -9.03	21.98 0.59 -14.37	22.09 0.89 -11.00	20.81 0.96 -9.65	22.96 0.87 -12.58	25.33 0.98 -13.93	26.80 0.98 -15.18	27.72 1.17 -13.61	27.41 1.34 -11.18	27.45 0.99 -15.94	35.55 1.22 -21.40	30.01 1.34 -14.51	32.10 1.52 -14.21	38.28 1.94 -15.26	40.56 1.93 -17.66	43.40 2.12 -17.95	43.31 2.17 -17.03	35.16 2.25 -7.65	31.22 2.47 -0.01	29.00 1.42 -9.41
GRISSOM___SOLAR 323813	35.47 1.12 -17.91	28.81 0.92 -13.90	24.78 0.79 -11.21	24.58 0.82 -10.80	24.54 0.73 -12.65	27.54 0.41 -20.12	26.16 0.55 -15.40	24.16 0.51 -13.45	24.58 0.45 -14.63	23.96 0.48 -13.05	25.41 0.51 -14.26	25.12 0.62 -11.55	29.26 0.71 -13.65	31.24 0.54 -20.19	32.05 0.70 -18.41	35.13 0.75 -20.23	37.04 0.87 -19.80	43.63 1.22 -21.33	46.93 1.32 -24.64	50.05 1.66 -25.06	49.60 1.71 -23.78	37.66 1.72 -10.67	30.61 1.87 0.00	32.50 1.16 -13.17
GROVEVILLE___HYD 323602	30.63 1.38 -12.81	25.07 1.15 -9.94	21.76 0.96 -8.02	21.67 0.99 -7.73	21.04 0.85 -9.03	21.87 0.47 -14.38	21.90 0.68 -11.01	20.57 0.76 -9.61	20.70 0.71 -10.48	20.56 0.78 -9.35	21.61 0.76 -10.22	22.13 0.91 -8.28	25.73 1.06 -9.78	25.75 0.77 -14.47	27.09 0.96 -13.20	29.68 1.03 -14.50	31.76 1.20 -14.19	37.91 1.58 -15.25	40.20 1.61 -17.61	43.09 1.80 -17.96	43.00 1.86 -17.04	34.73 1.82 -7.65	30.76 2.01 0.00	28.75 1.16 -9.41
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	17.65 -0.03 -1.25	14.90 -0.06 -0.97	13.49 -0.06 -0.78	13.64 -0.08 -0.75	11.98 -0.06 -0.88	8.40 -0.13 -1.51	11.16 -0.20 -1.16	11.00 -0.21 -1.01	10.61 -0.19 -1.29	11.40 -0.18 -1.15	11.72 -0.18 -1.26	13.72 -0.25 -1.02	15.82 -0.28 -1.21	12.17 -0.16 -1.81	14.40 -0.19 -1.65	15.78 -0.18 -1.82	17.89 -0.26 -1.78	22.32 -0.36 -1.60	22.53 -0.29 -1.85	25.36 -0.19 -2.21	26.02 -0.19 -2.10	25.85 -0.35 -0.94	28.14 -0.60 0.00	18.91 -0.25 -0.99
HAMLTNNY_34_KV_TB 80303	17.66 -0.08 -1.31	14.90 -0.10 -1.01	13.49 -0.10 -0.82	13.63 -0.12 -0.79	11.99 -0.09 -0.92	8.42 -0.15 -1.55	11.15 -0.23 -1.18	10.99 -0.24 -1.03	10.61 -0.21 -1.32	11.40 -0.20 -1.18	11.73 -0.19 -1.28	13.70 -0.28 -1.04	15.80 -0.33 -1.23	12.17 -0.19 -1.85	14.40 -0.22 -1.68	15.79 -0.21 -1.85	17.84 -0.34 -1.81	22.26 -0.46 -1.64	22.49 -0.38 -1.89	25.35 -0.23 -2.26	25.99 -0.27 -2.14	25.77 -0.45 -0.96	27.97 -0.78 0.00	18.88 -0.31 -1.01

HAMPSHIRE___PAPER_HYD 323593	16.20 -0.58 -0.34	13.76 -0.49 -0.26	12.53 -0.46 -0.21	12.73 -0.44 -0.20	11.04 -0.38 -0.26	7.27 -0.25 -0.50	10.23 -0.36 -0.38	10.17 -0.37 -0.33	9.48 -0.39 -0.37	10.29 -0.46 -0.33	10.54 -0.46 -0.36	12.69 -0.54 -0.29	14.60 -0.64 -0.34	10.56 -0.46 -0.50	12.83 -0.57 -0.46	14.02 -0.64 -0.50	16.19 -0.67 -0.49	20.76 -0.84 -0.53	20.85 -0.73 -0.61	23.16 -0.79 -0.62	24.00 -0.70 -0.59	24.80 -0.73 -0.26	27.82 -0.92 0.00	17.90 -0.60 -0.33
HARDSCRABBLE_WT_PWR 323673	16.28 -0.16 0.00	13.83 -0.15 0.00	12.65 -0.13 0.00	12.85 -0.12 0.00	11.08 -0.08 0.00	6.95 -0.07 0.00	10.10 -0.10 0.00	10.09 -0.11 0.00	9.36 -0.14 0.00	10.26 -0.17 0.00	10.47 -0.17 0.00	12.70 -0.25 0.00	14.60 -0.30 0.00	10.30 -0.21 0.00	12.68 -0.26 0.00	13.85 -0.30 0.00	16.00 -0.38 0.00	20.61 -0.46 0.00	20.51 -0.46 0.00	22.84 -0.49 0.00	23.65 -0.46 0.00	24.76 -0.51 0.00	28.11 -0.63 0.00	17.79 -0.38 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	29.74 1.30 -12.00	24.37 1.08 -9.31	21.19 0.91 -7.51	21.12 0.92 -7.24	20.41 0.79 -8.46	20.93 0.44 -13.47	21.17 0.65 -10.31	19.93 0.72 -9.00	20.01 0.68 -9.82	19.94 0.75 -8.76	20.94 0.72 -9.57	21.57 0.87 -7.76	25.07 1.01 -9.17	24.81 0.74 -13.56	26.22 0.92 -12.36	28.72 0.99 -13.58	30.82 1.15 -13.30	36.86 1.50 -14.28	38.98 1.51 -16.50	41.84 1.68 -16.83	41.81 1.74 -15.97	34.15 1.72 -7.17	30.61 1.87 0.00	28.08 1.09 -8.82
HARSNRAD_115KV_TB1 81005	17.15 -1.27 -1.98	14.46 -1.06 -1.53	13.11 -0.91 -1.24	13.22 -0.93 -1.19	11.79 -0.77 -1.39	8.73 -0.49 -2.21	11.14 -0.76 -1.69	10.81 -0.87 -1.47	10.48 -0.79 -1.76	11.16 -0.83 -1.57	11.47 -0.88 -1.72	13.06 -1.28 -1.39	13.07 -1.36 0.47	11.94 -0.98 -2.40	13.93 -1.20 -2.19	14.94 -1.23 -2.02	15.76 -1.44 -0.83	18.28 -1.79 1.00	21.78 -1.89 -2.70	24.72 -1.63 -3.02	25.17 -1.81 -2.86	24.18 -2.37 -1.29	25.93 -2.82 0.00	18.44 -1.18 -1.44
HARZA MOOSE___RIVER 24016	16.89 0.02 -0.43	14.32 0.00 -0.34	13.02 -0.03 -0.27	13.22 0.00 -0.26	11.49 0.02 -0.31	7.54 -0.01 -0.54	10.59 -0.03 -0.41	10.52 -0.04 -0.36	9.87 -0.10 -0.46	10.73 -0.10 -0.41	10.99 -0.10 -0.45	13.17 -0.14 -0.37	15.16 -0.16 -0.43	11.05 -0.11 -0.64	13.40 -0.13 -0.59	14.67 -0.13 -0.65	16.89 -0.11 -0.63	21.59 -0.06 -0.57	21.67 0.04 -0.66	24.26 0.14 -0.79	25.10 0.24 -0.75	25.78 0.18 -0.34	28.80 0.06 0.00	18.56 0.04 -0.35
HDSNBRDG_115KV_BRDG_TB1 355580	17.65 -0.05 -1.26	14.89 -0.07 -0.98	13.49 -0.08 -0.79	13.63 -0.09 -0.76	11.98 -0.07 -0.89	8.54 -0.13 -1.65	11.28 -0.19 -1.27	11.11 -0.20 -1.11	10.69 -0.19 -1.38	11.46 -0.19 -1.23	11.80 -0.18 -1.34	13.78 -0.26 -1.09	15.88 -0.30 -1.28	12.26 -0.17 -1.91	14.48 -0.21 -1.75	15.86 -0.21 -1.92	17.97 -0.28 -1.88	22.47 -0.36 -1.75	22.72 -0.27 -2.03	25.52 -0.16 -2.36	26.15 -0.19 -2.24	25.92 -0.35 -1.00	28.17 -0.57 0.00	19.02 -0.24 -1.08
HELLGATE_13_KV_LD 55870	30.95 1.69 -12.82	25.33 1.40 -9.94	22.02 1.23 -8.02	21.90 1.22 -7.72	21.23 1.04 -9.03	21.97 0.58 -14.37	22.08 0.88 -11.00	20.82 0.97 -9.65	22.98 0.89 -12.58	25.35 1.00 -13.93	26.81 0.99 -15.18	27.72 1.17 -13.61	27.43 1.36 -11.18	27.46 1.00 -15.94	29.59 1.23 -15.42	29.97 1.33 -14.49	32.06 1.51 -14.18	38.26 1.94 -15.24	40.50 1.93 -17.60	43.40 2.12 -17.95	43.28 2.15 -17.03	35.08 2.17 -7.64	31.13 2.39 0.00	28.94 1.36 -9.41
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	30.95 1.69 -12.82	25.33 1.40 -9.94	22.02 1.23 -8.02	21.90 1.22 -7.72	21.23 1.04 -9.03	21.97 0.58 -14.37	22.08 0.88 -11.00	20.82 0.97 -9.65	22.98 0.89 -12.58	25.35 1.00 -13.93	26.81 0.99 -15.18	27.72 1.17 -13.61	27.43 1.36 -11.18	27.46 1.00 -15.94	29.59 1.23 -15.42	29.97 1.33 -14.49	32.06 1.51 -14.18	38.26 1.94 -15.24	40.50 1.93 -17.60	43.40 2.12 -17.95	43.28 2.15 -17.03	35.08 2.17 -7.64	31.13 2.39 0.00	28.94 1.36 -9.41
HEMPSTEAD___ 23647	42.08 1.78 -23.87	50.38 1.38 -35.02	52.05 1.21 -38.06	50.84 1.22 -36.66	36.16 1.05 -23.95	26.47 0.60 -18.85	28.36 0.90 -17.26	20.83 0.98 -9.65	28.23 0.91 -17.81	28.86 1.01 -17.43	30.63 0.99 -19.00	37.82 1.17 -23.71	43.62 1.34 -27.38	43.65 0.98 -32.16	48.11 1.19 -33.98	52.28 1.27 -36.86	54.18 1.41 -36.40	59.97 1.86 -37.03	54.99 1.85 -32.17	66.24 2.05 -40.86	72.19 2.12 -45.96	52.77 2.12 -25.38	52.67 2.27 -21.65	44.39 1.44 -24.78
HICKLING___1 23621	19.43 -0.33 -3.31	16.25 -0.31 -2.57	14.58 -0.27 -2.07	14.66 -0.30 -2.00	13.26 -0.23 -2.34	10.70 -0.19 -3.87	12.88 -0.29 -2.96	12.45 -0.34 -2.59	12.15 -0.30 -2.95	12.74 -0.31 -2.63	13.15 -0.36 -2.88	14.76 -0.52 -2.33	18.95 -0.61 -4.67	14.27 -0.38 -4.13	16.26 -0.45 -3.77	18.19 -0.45 -4.50	21.26 -0.56 -5.44	27.26 -0.70 -6.87	25.19 -0.52 -4.74	28.13 -0.26 -5.06	28.62 -0.29 -4.80	26.86 -0.56 -2.15	28.11 -0.63 0.00	20.49 -0.22 -2.53
HICKLING___2 23622	19.43 -0.33 -3.31	16.25 -0.31 -2.57	14.58 -0.27 -2.07	14.66 -0.30 -2.00	13.26 -0.23 -2.34	10.70 -0.19 -3.87	12.88 -0.29 -2.96	12.45 -0.34 -2.59	12.15 -0.30 -2.95	12.74 -0.31 -2.63	13.15 -0.36 -2.88	14.76 -0.52 -2.33	18.95 -0.61 -4.67	14.27 -0.38 -4.13	16.26 -0.45 -3.77	18.19 -0.45 -4.50	21.26 -0.56 -5.44	27.26 -0.70 -6.87	25.19 -0.52 -4.74	28.13 -0.26 -5.06	28.62 -0.29 -4.80	26.86 -0.56 -2.15	28.11 -0.63 0.00	20.49 -0.22 -2.53
HIGH FALLS___HY 23754	30.55 1.46 -12.65	24.99 1.19 -9.81	21.68 0.98 -7.92	21.60 1.01 -7.63	20.95 0.87 -8.92	21.70 0.48 -14.20	21.80 0.72 -10.87	20.51 0.82 -9.49	20.62 0.76 -10.35	20.48 0.82 -9.23	21.51 0.79 -10.09	22.05 0.93 -8.17	25.64 1.09 -9.66	25.60 0.80 -14.29	26.95 0.98 -13.03	29.53 1.06 -14.32	31.63 1.24 -14.01	37.80 1.67 -15.05	40.08 1.72 -17.39	42.97 1.91 -17.73	42.91 1.98 -16.82	34.74 1.92 -7.55	30.81 2.07 0.00	28.66 1.20 -9.29
HIGH_RIVER___SOLAR 323847	34.55 0.77 -17.34	28.08 0.64 -13.45	24.19 0.56 -10.85	24.00 0.58 -10.45	23.92 0.51 -12.24	26.76 0.28 -19.46	25.48 0.38 -14.90	23.54 0.33 -13.01	23.92 0.27 -14.16	23.32 0.27 -12.63	24.72 0.29 -13.79	24.47 0.35 -11.17	28.53 0.43 -13.21	30.37 0.33 -19.53	31.15 0.40 -17.81	34.17 0.45 -19.57	36.05 0.52 -19.15	42.47 0.76 -20.64	45.69 0.88 -23.84	48.67 1.10 -24.25	48.27 1.16 -23.00	36.73 1.14 -10.32	29.98 1.24 0.00	31.71 0.80 -12.74
HILLBURN___GT 23639	29.96 1.38 -12.14	24.54 1.13 -9.42	21.35 0.97 -7.60	21.26 0.97 -7.32	20.59 0.84 -8.59	21.16 0.47 -13.67	21.37 0.70 -10.46	20.11 0.78 -9.14	20.18 0.73 -9.94	20.10 0.81 -8.87	21.12 0.80 -9.69	21.74 0.94 -7.85	25.29 1.12 -9.27	25.04 0.81 -13.72	26.45 1.00 -12.51	28.98 1.09 -13.74	31.05 1.23 -13.45	37.20 1.62 -14.49	39.35 1.64 -16.74	42.18 1.82 -17.03	42.15 1.88 -16.16	34.36 1.84 -7.25	30.67 1.93 0.00	28.28 1.16 -8.95
HILLSIDE_115KV_TB1 80332	19.52 -0.43 -3.51	16.33 -0.38 -2.72	14.64 -0.33 -2.20	14.73 -0.35 -2.12	13.36 -0.28 -2.47	10.91 -0.22 -4.11	13.01 -0.34 -3.14	12.58 -0.37 -2.74	12.28 -0.34 -3.12	12.85 -0.35 -2.78	13.28 -0.39 -3.04	14.84 -0.57 -2.46	18.44 -0.67 -4.21	14.44 -0.43 -4.36	16.40 -0.52 -3.98	18.24 -0.52 -4.61	20.95 -0.64 -5.22	26.51 -0.78 -6.22	25.33 -0.67 -5.03	28.21 -0.47 -5.34	28.67 -0.51 -5.07	26.76 -0.78 -2.28	27.94 -0.80 0.00	20.46 -0.40 -2.69

HISHELDN_WT_PWR 323625	17.52 -1.28 -2.36	14.72 -1.09 -1.83	13.29 -0.96 -1.48	13.37 -1.01 -1.42	12.00 -0.85 -1.69	9.35 -0.55 -2.89	11.58 -0.84 -2.21	11.20 -0.93 -1.93	10.75 -0.86 -2.10	11.38 -0.92 -1.87	11.72 -0.97 -2.04	13.25 -1.36 -1.66	8.41 -1.55 4.93	12.36 -1.05 -2.90	14.30 -1.28 -2.64	14.45 -1.33 -1.63	12.65 -1.59 2.14	10.77 -1.96 8.35	22.70 -1.80 -3.54	25.41 -1.52 -3.60	25.91 -1.62 -3.41	24.75 -2.05 -1.53	26.70 -2.04 0.00	19.06 -1.00 -1.89
HOLTSVILLE_IC_1 23690	43.13 2.17 -24.52	42.16 1.69 -26.49	47.28 1.49 -33.01	41.32 1.53 -26.83	31.39 1.33 -18.90	25.14 0.78 -17.35	26.50 1.14 -15.15	21.06 1.21 -9.64	25.91 1.13 -15.28	26.24 1.23 -14.59	27.69 1.15 -15.91	32.64 1.35 -18.35	37.75 1.49 -21.37	37.74 1.11 -26.11	41.16 1.36 -26.87	44.85 1.44 -29.26	46.83 1.61 -28.85	67.44 2.11 -44.25	50.40 2.14 -27.29	58.84 2.38 -33.13	62.75 2.46 -36.18	49.00 2.45 -21.28	45.77 2.73 -14.29	39.48 1.74 -19.56
HOLTSVILLE_IC_10 23699	43.22 2.27 -24.51	42.41 1.78 -26.65	47.97 1.57 -33.62	41.58 1.59 -27.02	31.54 1.38 -19.00	25.21 0.81 -17.38	26.59 1.19 -15.19	21.11 1.27 -9.64	26.01 1.18 -15.32	26.35 1.28 -14.64	27.81 1.20 -15.97	32.80 1.40 -18.45	37.94 1.56 -21.48	37.91 1.17 -26.23	41.38 1.44 -27.00	45.08 1.53 -29.40	47.09 1.72 -29.00	68.90 2.28 -45.54	50.65 2.29 -27.39	59.15 2.54 -33.28	63.11 2.63 -36.37	49.47 2.65 -21.55	46.11 2.93 -14.43	39.69 1.85 -19.66
HOLTSVILLE_IC_2 23691	43.13 2.17 -24.52	42.16 1.69 -26.49	47.28 1.49 -33.01	41.32 1.53 -26.83	31.39 1.33 -18.90	25.14 0.78 -17.35	26.50 1.14 -15.15	21.06 1.21 -9.64	25.91 1.13 -15.28	26.24 1.23 -14.59	27.69 1.15 -15.91	32.64 1.35 -18.35	37.75 1.49 -21.37	37.74 1.11 -26.11	41.16 1.36 -26.87	44.85 1.44 -29.26	46.83 1.61 -28.85	67.44 2.11 -44.25	50.40 2.14 -27.29	58.84 2.38 -33.13	62.75 2.46 -36.18	49.00 2.45 -21.28	45.77 2.73 -14.29	39.48 1.74 -19.56
HOLTSVILLE_IC_3 23692	43.13 2.17 -24.52	42.16 1.69 -26.49	47.28 1.49 -33.01	41.32 1.53 -26.83	31.39 1.33 -18.90	25.14 0.78 -17.35	26.50 1.14 -15.15	21.06 1.21 -9.64	25.91 1.13 -15.28	26.24 1.23 -14.59	27.69 1.15 -15.91	32.64 1.35 -18.35	37.75 1.49 -21.37	37.74 1.11 -26.11	41.16 1.36 -26.87	44.85 1.44 -29.26	46.83 1.61 -28.85	67.44 2.11 -44.25	50.40 2.14 -27.29	58.84 2.38 -33.13	62.75 2.46 -36.18	49.00 2.45 -21.28	45.77 2.73 -14.29	39.48 1.74 -19.56
HOLTSVILLE_IC_4 23693	43.13 2.17 -24.52	42.16 1.69 -26.49	47.28 1.49 -33.01	41.32 1.53 -26.83	31.39 1.33 -18.90	25.14 0.78 -17.35	26.50 1.14 -15.15	21.06 1.21 -9.64	25.91 1.13 -15.28	26.24 1.23 -14.59	27.69 1.15 -15.91	32.64 1.35 -18.35	37.75 1.49 -21.37	37.74 1.11 -26.11	41.16 1.36 -26.87	44.85 1.44 -29.26	46.83 1.61 -28.85	67.44 2.11 -44.25	50.40 2.14 -27.29	58.84 2.38 -33.13	62.75 2.46 -36.18	49.00 2.45 -21.28	45.77 2.73 -14.29	39.48 1.74 -19.56
HOLTSVILLE_IC_5 23694	43.13 2.17 -24.52	42.16 1.69 -26.49	47.28 1.49 -33.01	41.32 1.53 -26.83	31.39 1.33 -18.90	25.14 0.78 -17.35	26.50 1.14 -15.15	21.06 1.21 -9.64	25.91 1.13 -15.28	26.24 1.23 -14.59	27.69 1.15 -15.91	32.64 1.35 -18.35	37.75 1.49 -21.37	37.74 1.11 -26.11	41.16 1.36 -26.87	44.85 1.44 -29.26	46.83 1.61 -28.85	67.44 2.11 -44.25	50.40 2.14 -27.29	58.84 2.38 -33.13	62.75 2.46 -36.18	49.00 2.45 -21.28	45.77 2.73 -14.29	39.48 1.74 -19.56
HOLTSVILLE_IC_6 23695	43.22 2.27 -24.51	42.41 1.78 -26.65	47.97 1.57 -33.62	41.58 1.59 -27.02	31.54 1.38 -19.00	25.21 0.81 -17.38	26.59 1.19 -15.19	21.11 1.27 -9.64	26.01 1.18 -15.32	26.35 1.28 -14.64	27.81 1.20 -15.97	32.80 1.40 -18.45	37.94 1.56 -21.48	37.91 1.17 -26.23	41.38 1.44 -27.00	45.08 1.53 -29.40	47.09 1.72 -29.00	68.90 2.28 -45.54	50.65 2.29 -27.39	59.15 2.54 -33.28	63.11 2.63 -36.37	49.47 2.65 -21.55	46.11 2.93 -14.43	39.69 1.85 -19.66
HOLTSVILLE_IC_7 23696	43.22 2.27 -24.51	42.41 1.78 -26.65	47.97 1.57 -33.62	41.58 1.59 -27.02	31.54 1.38 -19.00	25.21 0.81 -17.38	26.59 1.19 -15.19	21.11 1.27 -9.64	26.01 1.18 -15.32	26.35 1.28 -14.64	27.81 1.20 -15.97	32.80 1.40 -18.45	37.94 1.56 -21.48	37.91 1.17 -26.23	41.38 1.44 -27.00	45.08 1.53 -29.40	47.09 1.72 -29.00	68.90 2.28 -45.54	50.65 2.29 -27.39	59.15 2.54 -33.28	63.11 2.63 -36.37	49.47 2.65 -21.55	46.11 2.93 -14.43	39.69 1.85 -19.66
HOLTSVILLE_IC_8 23697	43.22 2.27 -24.51	42.41 1.78 -26.65	47.97 1.57 -33.62	41.58 1.59 -27.02	31.54 1.38 -19.00	25.21 0.81 -17.38	26.59 1.19 -15.19	21.11 1.27 -9.64	26.01 1.18 -15.32	26.35 1.28 -14.64	27.81 1.20 -15.97	32.80 1.40 -18.45	37.94 1.56 -21.48	37.91 1.17 -26.23	41.38 1.44 -27.00	45.08 1.53 -29.40	47.09 1.72 -29.00	68.90 2.28 -45.54	50.65 2.29 -27.39	59.15 2.54 -33.28	63.11 2.63 -36.37	49.47 2.65 -21.55	46.11 2.93 -14.43	39.69 1.85 -19.66
HOLTSVILLE_IC_9 23698	43.22 2.27 -24.51	42.41 1.78 -26.65	47.97 1.57 -33.62	41.58 1.59 -27.02	31.54 1.38 -19.00	25.21 0.81 -17.38	26.59 1.19 -15.19	21.11 1.27 -9.64	26.01 1.18 -15.32	26.35 1.28 -14.64	27.81 1.20 -15.97	32.80 1.40 -18.45	37.94 1.56 -21.48	37.91 1.17 -26.23	41.38 1.44 -27.00	45.08 1.53 -29.40	47.09 1.72 -29.00	68.90 2.28 -45.54	50.65 2.29 -27.39	59.15 2.54 -33.28	63.11 2.63 -36.37	49.47 2.65 -21.55	46.11 2.93 -14.43	39.69 1.85 -19.66
HOMER_HL_115KV_TB2 355744	17.60 -1.32 -2.47	14.78 -1.12 -1.92	13.34 -0.98 -1.55	13.44 -1.01 -1.49	12.05 -0.85 -1.74	9.29 -0.54 -2.81	11.53 -0.83 -2.15	11.19 -0.90 -1.88	10.89 -0.81 -2.20	11.52 -0.87 -1.96	11.85 -0.93 -2.14	13.38 -1.31 -1.73	14.82 -1.50 -1.43	12.55 -1.00 -3.03	14.47 -1.23 -2.76	15.78 -1.29 -2.92	17.37 -1.52 -2.52	21.15 -1.90 -1.97	22.63 -1.78 -3.45	25.53 -1.56 -3.76	26.04 -1.64 -3.57	24.77 -2.10 -1.60	27.22 -1.52 0.00	18.92 -1.09 -1.84
HOWARD_WT_PWR 323690	18.16 -1.05 -2.78	15.21 -0.92 -2.15	13.67 -0.84 -1.74	13.74 -0.89 -1.67	12.41 -0.77 -2.02	9.92 -0.51 -3.41	12.04 -0.78 -2.61	11.64 -0.85 -2.28	11.23 -0.80 -2.53	11.77 -0.91 -2.25	12.13 -0.97 -2.46	13.64 -1.31 -1.99	23.75 -1.53 -10.39	12.97 -1.03 -3.49	14.88 -1.24 -3.18	17.81 -1.32 -4.98	23.85 -1.56 -9.03	35.82 -1.90 -16.64	23.53 -1.61 -4.18	26.29 -1.28 -4.25	26.84 -1.30 -4.03	25.48 -1.59 -1.81	27.16 -1.58 0.00	19.61 -0.80 -2.23
HQ_GEN_CEDARS 23644	16.01 -0.43 0.00	13.65 -0.34 0.00	12.47 -0.31 0.00	12.68 -0.29 0.00	10.89 -0.27 0.00	6.86 -0.15 0.00	9.99 -0.21 0.00	10.00 -0.20 0.00	9.31 -0.19 0.00	10.17 -0.25 0.00	10.39 -0.24 0.00	12.70 -0.25 0.00	14.61 -0.28 0.00	10.28 -0.23 0.00	12.64 -0.30 0.00	13.81 -0.34 0.00	16.01 -0.36 0.00	20.53 -0.55 0.00	20.42 -0.55 0.00	22.61 -0.72 0.00	23.39 -0.72 0.00	24.63 -0.63 0.00	28.08 -0.66 0.00	17.72 -0.45 0.00
HQ_GEN_CEDARS_PROXY 323590	16.01 -0.43 0.00	13.65 -0.34 0.00	12.47 -0.31 0.00	12.68 -0.29 0.00	10.89 -0.27 0.00	6.86 -0.15 0.00	9.99 -0.21 0.00	10.00 -0.20 0.00	9.31 -0.19 0.00	10.17 -0.25 0.00	10.39 -0.24 0.00	12.70 -0.25 0.00	14.61 -0.28 0.00	10.28 -0.23 0.00	12.64 -0.30 0.00	13.80 -0.35 0.00	16.01 -0.36 0.00	20.53 -0.55 0.00	20.40 -0.57 0.00	22.61 -0.72 0.00	23.39 -0.72 0.00	24.63 -0.63 0.00	28.08 -0.66 0.00	17.72 -0.45 0.00

HQ_GEN_IMPORT 323601	16.16 -0.28 0.00	13.76 -0.22 0.00	12.58 -0.19 0.00	12.77 -0.19 0.00	10.99 -0.17 0.00	6.92 -0.10 0.00	10.06 -0.14 0.00	10.06 -0.14 0.00	9.38 -0.12 0.00	10.27 -0.16 0.00	10.49 -0.15 0.00	12.79 -0.15 0.00	14.72 -0.18 0.00	10.37 -0.15 0.00	12.76 -0.18 0.00	13.94 -0.21 0.00	16.16 -0.21 0.00	20.78 -0.30 0.00	20.63 -0.34 0.00	22.88 -0.44 0.00	23.65 -0.46 0.00	24.89 -0.38 0.00	28.40 -0.34 0.00	17.90 -0.27 0.00
HQ_GEN_WHEEL 23651	16.16 -0.28 0.00	13.76 -0.22 0.00	12.58 -0.19 0.00	12.77 -0.19 0.00	10.99 -0.17 0.00	6.92 -0.10 0.00	10.06 -0.14 0.00	10.06 -0.14 0.00	9.38 -0.12 0.00	10.27 -0.16 0.00	10.49 -0.15 0.00	12.79 -0.15 0.00	14.72 -0.18 0.00	10.37 -0.15 0.00	12.76 -0.18 0.00	13.94 -0.21 0.00	16.16 -0.21 0.00	20.78 -0.30 0.00	20.63 -0.34 0.00	22.88 -0.44 0.00	23.65 -0.46 0.00	24.89 -0.38 0.00	28.40 -0.34 0.00	17.90 -0.27 0.00
HUDSON AVE_GT_3 23810	30.88 1.63 -12.82	25.25 1.33 -9.94	21.94 1.15 -8.02	21.82 1.14 -7.72	21.17 0.98 -9.02	21.94 0.55 -14.37	22.04 0.84 -11.00	20.78 0.94 -9.64	22.58 0.87 -12.20	24.50 0.97 -13.10	25.89 0.97 -14.29	26.75 1.15 -12.65	27.15 1.33 -10.93	27.16 0.97 -15.68	29.14 1.19 -15.01	29.91 1.27 -14.49	32.00 1.44 -14.18	38.21 1.90 -15.24	40.46 1.89 -17.60	43.35 2.08 -17.95	43.23 2.10 -17.03	35.03 2.12 -7.64	31.04 2.30 0.00	28.90 1.33 -9.40
HUDSON AVE_GT_4 23540	30.88 1.63 -12.82	25.25 1.33 -9.94	21.94 1.15 -8.02	21.82 1.14 -7.72	21.17 0.98 -9.02	21.94 0.55 -14.37	22.04 0.84 -11.00	20.78 0.94 -9.64	22.58 0.87 -12.20	24.50 0.97 -13.10	25.89 0.97 -14.29	26.75 1.15 -12.65	27.15 1.33 -10.93	27.16 0.97 -15.68	29.14 1.19 -15.01	29.91 1.27 -14.49	32.00 1.44 -14.18	38.21 1.90 -15.24	40.46 1.89 -17.60	43.35 2.08 -17.95	43.23 2.10 -17.03	35.03 2.12 -7.64	31.04 2.30 0.00	28.90 1.33 -9.40
HUDSON AVE_GT_5 23657	30.88 1.63 -12.82	25.25 1.33 -9.94	21.94 1.15 -8.02	21.82 1.14 -7.72	21.17 0.98 -9.02	21.94 0.55 -14.37	22.04 0.84 -11.00	20.78 0.94 -9.64	22.58 0.87 -12.20	24.50 0.97 -13.10	25.89 0.97 -14.29	26.75 1.15 -12.65	27.15 1.33 -10.93	27.16 0.97 -15.68	29.14 1.19 -15.01	29.91 1.27 -14.49	32.00 1.44 -14.18	38.21 1.90 -15.24	40.46 1.89 -17.60	43.35 2.08 -17.95	43.23 2.10 -17.03	35.03 2.12 -7.64	31.04 2.30 0.00	28.90 1.33 -9.40
HUDSON_AVE_10 24168	30.85 1.59 -12.82	25.21 1.29 -9.94	21.90 1.11 -8.02	21.79 1.10 -7.72	21.12 0.94 -9.02	21.92 0.53 -14.37	22.01 0.81 -11.00	20.76 0.92 -9.64	22.57 0.86 -12.20	24.48 0.96 -13.10	25.88 0.96 -14.29	26.72 1.13 -12.65	27.12 1.30 -10.93	27.13 0.94 -15.68	29.11 1.15 -15.01	29.86 1.22 -14.49	31.95 1.39 -14.18	38.13 1.81 -15.24	40.38 1.80 -17.60	43.28 2.01 -17.95	43.16 2.03 -17.03	34.95 2.05 -7.64	30.96 2.21 0.00	28.83 1.25 -9.40
HUDSON___115KV_TB 4 355613	33.24 0.53 -16.27	27.10 0.49 -12.62	23.45 0.49 -10.18	23.28 0.51 -9.81	23.06 0.44 -11.47	25.48 0.23 -18.23	24.48 0.32 -13.96	22.63 0.24 -12.18	23.00 0.22 -13.28	22.49 0.22 -11.85	23.80 0.22 -12.94	23.69 0.26 -10.49	27.57 0.28 -12.39	29.04 0.20 -18.33	29.91 0.26 -16.72	32.81 0.30 -18.37	34.71 0.36 -17.98	40.88 0.46 -19.33	43.83 0.52 -22.33	46.76 0.68 -22.75	46.39 0.70 -21.58	35.71 0.76 -9.69	29.55 0.80 0.00	30.61 0.51 -11.93
HUNTER MOUNT___DRP 323613	32.00 0.49 -15.07	26.12 0.45 -11.69	22.59 0.38 -9.43	22.46 0.41 -9.08	22.15 0.37 -10.62	24.08 0.18 -16.89	23.37 0.23 -12.93	21.67 0.17 -11.29	21.97 0.16 -12.31	21.56 0.16 -10.98	22.76 0.13 -11.99	22.82 0.16 -9.72	26.56 0.18 -11.48	27.63 0.13 -16.99	28.61 0.18 -15.49	31.38 0.21 -17.02	33.31 0.28 -16.66	39.37 0.38 -17.91	42.16 0.50 -20.69	45.04 0.63 -21.08	44.81 0.70 -20.00	34.90 0.66 -8.98	29.92 1.18 0.00	29.59 0.36 -11.05
HUNTINGTON_RES_REC 323705	43.03 2.09 -24.50	42.38 1.64 -26.76	38.83 1.43 -24.62	41.52 1.44 -27.12	31.45 1.25 -19.04	25.12 0.73 -17.37	26.47 1.07 -15.20	21.00 1.15 -9.64	25.93 1.07 -15.36	26.27 1.17 -14.68	27.76 1.12 -16.01	32.78 1.31 -18.52	37.94 1.49 -21.56	37.93 1.11 -26.30	41.39 1.36 -27.09	45.06 1.41 -29.50	46.98 1.54 -29.07	42.09 2.04 -18.97	50.33 2.01 -27.34	58.84 2.24 -33.27	62.81 2.31 -36.39	45.76 2.40 -18.10	45.86 2.59 -14.53	39.59 1.69 -19.73
HUNTLEY___63 23557	17.31 -1.18 -2.05	14.60 -0.98 -1.59	13.23 -0.83 -1.29	13.36 -0.84 -1.24	11.91 -0.70 -1.45	8.87 -0.45 -2.30	11.27 -0.69 -1.76	10.91 -0.83 -1.53	10.59 -0.74 -1.83	11.27 -0.78 -1.63	11.60 -0.82 -1.78	13.19 -1.20 -1.44	13.06 -1.30 0.53	12.10 -0.91 -2.50	14.09 -1.13 -2.28	15.09 -1.15 -2.09	15.84 -1.36 -0.83	18.25 -1.69 1.14	22.00 -1.78 -2.81	24.94 -1.52 -3.13	25.42 -1.66 -2.97	24.37 -2.22 -1.33	26.13 -2.62 0.00	18.62 -1.05 -1.50
HUNTLEY___64 23558	17.31 -1.18 -2.05	14.60 -0.98 -1.59	13.23 -0.83 -1.29	13.36 -0.84 -1.24	11.91 -0.70 -1.45	8.87 -0.45 -2.30	11.27 -0.69 -1.76	10.91 -0.83 -1.53	10.59 -0.74 -1.83	11.27 -0.78 -1.63	11.60 -0.82 -1.78	13.19 -1.20 -1.44	13.06 -1.30 0.53	12.10 -0.91 -2.50	14.09 -1.13 -2.28	15.09 -1.15 -2.09	15.84 -1.36 -0.83	18.25 -1.69 1.14	22.00 -1.78 -2.81	24.94 -1.52 -3.13	25.42 -1.66 -2.97	24.37 -2.22 -1.33	26.13 -2.62 0.00	18.62 -1.05 -1.50
HUNTLEY___65 23559	17.31 -1.18 -2.05	14.60 -0.98 -1.59	13.23 -0.83 -1.29	13.36 -0.84 -1.24	11.91 -0.70 -1.45	8.87 -0.45 -2.30	11.27 -0.69 -1.76	10.91 -0.83 -1.53	10.59 -0.74 -1.83	11.27 -0.78 -1.63	11.60 -0.82 -1.78	13.19 -1.20 -1.44	13.06 -1.30 0.53	12.10 -0.91 -2.50	14.09 -1.13 -2.28	15.09 -1.15 -2.09	15.84 -1.36 -0.83	18.25 -1.69 1.14	22.00 -1.78 -2.81	24.94 -1.52 -3.13	25.42 -1.66 -2.97	24.37 -2.22 -1.33	26.13 -2.62 0.00	18.62 -1.05 -1.50
HUNTLEY___66 23560	17.31 -1.18 -2.05	14.60 -0.98 -1.59	13.23 -0.83 -1.29	13.36 -0.84 -1.24	11.91 -0.70 -1.45	8.87 -0.45 -2.30	11.27 -0.69 -1.76	10.91 -0.83 -1.53	10.59 -0.74 -1.83	11.27 -0.78 -1.63	11.60 -0.82 -1.78	13.19 -1.20 -1.44	13.06 -1.30 0.53	12.10 -0.91 -2.50	14.09 -1.13 -2.28	15.09 -1.15 -2.09	15.84 -1.36 -0.83	18.25 -1.69 1.14	22.00 -1.78 -2.81	24.94 -1.52 -3.13	25.42 -1.66 -2.97	24.37 -2.22 -1.33	26.13 -2.62 0.00	18.62 -1.05 -1.50
HUNTLEY___67 23561	17.29 -1.25 -2.10	14.57 -1.03 -1.63	13.21 -0.88 -1.31	13.32 -0.91 -1.26	11.89 -0.75 -1.48	8.88 -0.48 -2.35	11.27 -0.73 -1.80	10.93 -0.85 -1.57	10.61 -0.76 -1.86	11.28 -0.80 -1.66	11.60 -0.85 -1.82	13.19 -1.23 -1.47	12.65 -1.41 0.83	12.13 -0.94 -2.55	14.12 -1.15 -2.33	15.04 -1.19 -2.08	15.51 -1.51 -0.64	17.57 -1.85 1.65	22.04 -1.80 -2.88	24.96 -1.56 -3.19	25.40 -1.74 -3.03	24.35 -2.27 -1.36	26.13 -2.62 0.00	18.60 -1.11 -1.54
HUNTLEY___68 23562	17.29 -1.25 -2.10	14.57 -1.03 -1.63	13.21 -0.88 -1.31	13.32 -0.91 -1.26	11.89 -0.75 -1.48	8.88 -0.48 -2.35	11.27 -0.73 -1.80	10.93 -0.85 -1.57	10.61 -0.76 -1.86	11.28 -0.80 -1.66	11.60 -0.85 -1.82	13.19 -1.23 -1.47	12.65 -1.41 0.83	12.13 -0.94 -2.55	14.12 -1.15 -2.33	15.04 -1.19 -2.08	15.51 -1.51 -0.64	17.57 -1.85 1.65	22.04 -1.80 -2.88	24.96 -1.56 -3.19	25.40 -1.74 -3.03	24.35 -2.27 -1.36	26.13 -2.62 0.00	18.60 -1.11 -1.54

HYLAND___LFGE 323620	18.58 -0.13 -2.28	15.58 -0.17 -1.77	14.07 -0.13 -1.43	14.19 -0.14 -1.37	12.67 -0.12 -1.63	9.70 -0.11 -2.80	12.16 -0.18 -2.14	11.79 -0.29 -1.87	11.15 -0.40 -2.04	11.72 -0.53 -1.82	11.99 -0.64 -1.99	13.60 -0.96 -1.61	24.37 -1.19 -10.67	12.54 -0.80 -2.82	14.60 -0.92 -2.57	17.67 -0.92 -4.44	24.40 -1.03 -9.06	37.47 -1.05 -17.44	23.81 -0.59 -3.43	26.93 0.12 -3.48	27.61 0.19 -3.31	26.57 -0.18 -1.48	28.37 -0.37 0.00	20.00 0.00 -1.83
INDECK___CORINTH 23802	34.08 0.82 -16.81	27.71 0.69 -13.05	23.89 0.59 -10.53	23.72 0.62 -10.14	23.58 0.55 -11.87	26.18 0.29 -18.87	25.05 0.40 -14.45	23.21 0.40 -12.61	23.59 0.36 -13.73	23.06 0.40 -12.24	24.45 0.44 -13.37	24.32 0.53 -10.84	28.31 0.61 -12.81	29.90 0.44 -18.94	30.81 0.60 -17.27	33.81 0.68 -18.98	35.70 0.75 -18.57	42.10 1.01 -20.01	45.15 1.07 -23.12	48.14 1.31 -23.51	47.74 1.33 -22.30	36.59 1.31 -10.01	30.12 1.38 0.00	31.40 0.87 -12.35
INDECK___ILION 23567	16.44 0.00 0.00	13.97 -0.01 0.00	12.76 -0.01 0.00	12.96 0.00 0.00	11.17 0.01 0.00	7.00 -0.01 0.00	10.18 -0.02 0.00	10.18 -0.02 0.00	9.46 -0.05 0.00	10.37 -0.05 0.00	10.59 -0.05 0.00	12.87 -0.08 0.00	14.79 -0.10 0.00	10.45 -0.06 0.00	12.86 -0.08 0.00	14.06 -0.08 0.00	16.26 -0.11 0.00	20.93 -0.15 0.00	20.84 -0.13 0.00	23.21 -0.12 0.00	24.01 -0.10 0.00	25.11 -0.15 0.00	28.54 -0.20 0.00	18.05 -0.13 0.00
INDECK___OLEAN 23982	17.59 -1.32 -2.47	14.78 -1.12 -1.92	13.34 -0.98 -1.55	13.44 -1.01 -1.49	12.09 -0.85 -1.77	9.50 -0.54 -3.02	11.69 -0.83 -2.31	11.32 -0.90 -2.02	10.89 -0.81 -2.20	11.52 -0.87 -1.96	11.85 -0.93 -2.14	13.39 -1.29 -1.73	14.82 -1.50 -1.43	12.54 -1.01 -3.03	14.47 -1.23 -2.76	15.78 -1.29 -2.92	17.38 -1.52 -2.53	21.39 -1.88 -2.19	22.91 -1.76 -3.70	25.53 -1.56 -3.76	26.02 -1.66 -3.57	24.77 -2.10 -1.60	27.34 -1.41 0.00	19.06 -1.09 -1.98
INDECK___OSWEGO 23783	17.10 -0.28 -0.94	14.47 -0.25 -0.73	13.12 -0.24 -0.59	13.27 -0.26 -0.57	11.66 -0.22 -0.72	8.21 -0.25 -1.44	10.93 -0.38 -1.10	10.78 -0.39 -0.96	10.19 -0.37 -1.05	10.99 -0.37 -0.94	11.28 -0.38 -1.03	13.27 -0.51 -0.83	15.30 -0.58 -0.98	11.59 -0.38 -1.45	13.80 -0.47 -1.32	15.11 -0.50 -1.46	17.18 -0.61 -1.42	21.82 -0.78 -1.52	22.04 -0.69 -1.76	24.47 -0.65 -1.79	25.13 -0.67 -1.70	25.19 -0.83 -0.76	27.68 -1.06 0.00	18.53 -0.58 -0.94
INDECK___YERKES 23781	17.33 -1.17 -2.05	14.61 -0.96 -1.59	13.24 -0.82 -1.29	13.36 -0.84 -1.24	11.92 -0.69 -1.45	9.09 -0.44 -2.51	11.43 -0.69 -1.92	11.06 -0.83 -1.68	10.57 -0.74 -1.81	11.26 -0.78 -1.61	11.58 -0.82 -1.76	13.17 -1.20 -1.43	13.06 -1.28 0.55	12.10 -0.91 -2.50	14.11 -1.11 -2.28	15.11 -1.13 -2.09	15.94 -1.34 -0.91	18.48 -1.69 0.91	22.27 -1.78 -3.08	24.90 -1.56 -3.13	25.37 -1.71 -2.97	24.37 -2.22 -1.33	26.39 -2.36 0.00	18.78 -1.04 -1.64
INDIAN POINT_GT_1 24139	30.51 1.40 -12.67	24.95 1.13 -9.83	21.69 0.98 -7.93	21.58 0.97 -7.64	20.94 0.85 -8.93	21.71 0.47 -14.22	21.80 0.70 -10.89	20.50 0.79 -9.51	20.66 0.73 -10.42	20.60 0.82 -9.36	21.67 0.81 -10.22	22.22 0.96 -8.31	25.71 1.10 -9.71	25.67 0.81 -14.35	27.04 1.00 -13.10	29.57 1.08 -14.34	31.64 1.23 -14.04	37.76 1.60 -15.08	39.99 1.59 -17.42	42.87 1.77 -17.77	42.80 1.83 -16.86	34.65 1.82 -7.57	30.73 1.98 0.00	28.65 1.16 -9.31
INDIAN POINT_GT_2 23659	30.51 1.40 -12.67	24.95 1.13 -9.83	21.69 0.98 -7.93	21.58 0.97 -7.64	20.94 0.85 -8.93	21.71 0.47 -14.22	21.80 0.70 -10.89	20.50 0.79 -9.51	20.66 0.73 -10.42	20.60 0.82 -9.36	21.67 0.81 -10.22	22.22 0.96 -8.31	25.71 1.10 -9.71	25.67 0.81 -14.35	27.04 1.00 -13.10	29.57 1.08 -14.34	31.64 1.23 -14.04	37.76 1.60 -15.08	39.99 1.59 -17.42	42.87 1.77 -17.77	42.80 1.83 -16.86	34.65 1.82 -7.57	30.73 1.98 0.00	28.65 1.16 -9.31
INDIAN POINT_GT_3 24019	30.51 1.40 -12.67	24.95 1.13 -9.83	21.69 0.98 -7.93	21.58 0.97 -7.64	20.94 0.85 -8.93	21.71 0.47 -14.22	21.80 0.70 -10.89	20.50 0.79 -9.51	20.66 0.73 -10.42	20.60 0.82 -9.36	21.67 0.81 -10.22	22.22 0.96 -8.31	25.71 1.10 -9.71	25.67 0.81 -14.35	27.04 1.00 -13.10	29.57 1.08 -14.34	31.64 1.23 -14.04	37.76 1.60 -15.08	39.99 1.59 -17.42	42.87 1.77 -17.77	42.80 1.83 -16.86	34.65 1.82 -7.57	30.73 1.98 0.00	28.65 1.16 -9.31
INDIAN POINT___2 23530	30.32 1.38 -12.50	24.80 1.12 -9.70	21.57 0.97 -7.82	21.47 0.97 -7.53	20.84 0.84 -8.84	21.55 0.47 -14.06	21.66 0.69 -10.77	20.38 0.78 -9.40	20.51 0.73 -10.28	20.47 0.81 -9.23	21.52 0.80 -10.08	22.09 0.94 -8.20	25.57 1.10 -9.58	25.47 0.81 -14.15	26.85 0.98 -12.92	29.37 1.07 -14.14	31.42 1.21 -13.84	37.59 1.60 -14.91	39.79 1.59 -17.23	42.62 1.77 -17.52	42.56 1.83 -16.62	34.55 1.82 -7.46	30.64 1.90 0.00	28.52 1.15 -9.20
INDIAN POINT___3 23531	30.50 1.38 -12.68	24.94 1.12 -9.84	21.68 0.97 -7.94	21.58 0.97 -7.65	20.94 0.84 -8.94	21.72 0.47 -14.23	21.79 0.69 -10.89	20.49 0.78 -9.51	20.66 0.73 -10.42	20.59 0.81 -9.35	21.65 0.80 -10.22	22.20 0.95 -8.30	25.71 1.10 -9.71	25.67 0.80 -14.35	27.03 0.98 -13.11	29.56 1.06 -14.35	31.63 1.21 -14.04	37.75 1.58 -15.09	39.97 1.57 -17.43	42.85 1.75 -17.77	42.76 1.78 -16.86	34.63 1.79 -7.57	30.70 1.95 0.00	28.63 1.14 -9.31
INGHAM_C_115KV_TB7 356103	16.26 -0.18 0.00	13.82 -0.17 0.00	12.64 -0.14 0.00	12.83 -0.13 0.00	11.07 -0.09 0.00	6.94 -0.08 0.00	10.09 -0.11 0.00	10.07 -0.13 0.00	9.35 -0.15 0.00	10.25 -0.18 0.00	10.46 -0.18 0.00	12.69 -0.26 0.00	14.58 -0.31 0.00	10.29 -0.22 0.00	12.67 -0.27 0.00	13.84 -0.31 0.00	16.00 -0.38 0.00	20.59 -0.48 0.00	20.51 -0.46 0.00	22.84 -0.49 0.00	23.65 -0.46 0.00	24.73 -0.53 0.00	28.11 -0.63 0.00	17.77 -0.40 0.00
IP CORINTH___1 23988	34.08 0.82 -16.81	27.71 0.69 -13.05	23.89 0.59 -10.53	23.72 0.62 -10.14	23.56 0.55 -11.85	26.15 0.29 -18.84	25.02 0.40 -14.42	23.19 0.40 -12.59	23.59 0.36 -13.72	23.06 0.40 -12.24	24.45 0.44 -13.37	24.31 0.53 -10.83	28.31 0.61 -12.80	29.89 0.43 -18.94	30.81 0.60 -17.27	33.81 0.68 -18.98	35.70 0.75 -18.57	42.07 1.01 -19.98	45.10 1.05 -23.08	48.10 1.26 -23.51	47.74 1.33 -22.30	36.59 1.31 -10.01	30.12 1.38 0.00	31.32 0.82 -12.33
IP___TICONDEROGA 23804	34.49 1.25 -16.80	28.05 1.03 -13.03	24.15 0.86 -10.52	24.01 0.92 -10.13	23.82 0.81 -11.84	26.30 0.46 -18.82	25.21 0.60 -14.41	23.36 0.58 -12.58	23.75 0.53 -13.71	23.22 0.56 -12.23	24.61 0.62 -13.36	24.51 0.74 -10.82	28.55 0.86 -12.79	30.04 0.60 -18.92	31.06 0.87 -17.25	34.10 0.99 -18.96	36.03 1.10 -18.56	42.53 1.50 -19.96	45.62 1.59 -23.06	48.80 1.98 -23.49	48.49 2.10 -22.28	37.36 2.10 -10.00	30.96 2.21 0.00	31.76 1.27 -12.32
ISLIP_RES_REC 323679	43.27 2.33 -24.50	42.57 1.83 -26.76	47.66 1.62 -33.26	41.75 1.65 -27.14	31.65 1.43 -19.06	25.26 0.84 -17.40	26.66 1.23 -15.22	21.15 1.31 -9.64	26.07 1.21 -15.35	26.42 1.32 -14.68	27.89 1.24 -16.00	32.91 1.45 -18.52	38.07 1.62 -21.56	38.02 1.21 -26.30	41.50 1.47 -27.09	45.24 1.60 -29.49	47.27 1.80 -29.09	67.68 2.38 -44.22	50.83 2.41 -27.45	59.38 2.68 -33.37	63.37 2.77 -36.49	49.49 2.78 -21.44	46.34 3.08 -14.52	39.83 1.93 -19.73

JAMAICA__27_KV_LOAD 355505	31.03 1.78 -12.82	25.24 1.31 -9.94	21.92 1.12 -8.02	21.80 1.11 -7.72	21.15 0.96 -9.02	21.93 0.54 -14.37	22.04 0.84 -11.00	20.81 0.97 -9.64	22.63 0.92 -12.20	24.55 1.02 -13.10	25.96 1.03 -14.29	26.80 1.20 -12.65	27.19 1.37 -10.93	27.16 0.97 -15.68	29.14 1.19 -15.01	29.86 1.22 -14.49	31.96 1.41 -14.18	38.09 1.77 -15.24	40.40 1.82 -17.60	43.33 2.05 -17.95	43.23 2.10 -17.03	35.06 2.15 -7.64	31.04 2.30 0.00	28.85 1.27 -9.40
JANIS__SOLAR 323808	20.54 0.49 -3.61	17.16 0.38 -2.80	15.36 0.32 -2.26	15.49 0.35 -2.18	14.17 0.32 -2.69	11.61 0.15 -4.44	13.81 0.20 -3.40	13.36 0.18 -2.97	12.87 0.10 -3.26	13.44 0.11 -2.91	13.90 0.08 -3.17	15.55 0.03 -2.57	18.69 0.01 -3.78	15.04 0.03 -4.49	17.08 0.04 -4.10	18.87 0.09 -4.64	21.34 0.15 -4.82	27.16 0.34 -5.75	26.96 0.54 -5.44	29.70 0.84 -5.53	30.30 0.94 -5.25	28.38 0.76 -2.36	29.46 0.72 0.00	21.59 0.51 -2.91
JARVIS____ 23743	16.54 0.10 0.00	14.05 0.07 0.00	12.84 0.06 0.00	13.03 0.07 0.00	11.23 0.07 0.00	7.04 0.02 0.00	10.23 0.03 0.00	10.22 0.02 0.00	9.51 0.01 0.00	10.44 0.02 0.00	10.66 0.02 0.00	12.96 0.01 0.00	14.91 0.01 0.00	10.54 0.02 0.00	12.97 0.03 0.00	14.18 0.03 0.00	16.41 0.03 0.00	21.12 0.04 0.00	21.03 0.06 0.00	23.42 0.09 0.00	24.21 0.10 0.00	25.34 0.08 0.00	28.80 0.06 0.00	18.23 0.05 0.00
JENNISON____1 23625	21.65 0.58 -4.64	18.03 0.45 -3.60	16.07 0.40 -2.90	16.17 0.41 -2.79	14.82 0.39 -3.27	12.60 0.20 -5.38	14.60 0.28 -4.12	14.08 0.28 -3.60	13.71 0.19 -4.02	14.25 0.24 -3.58	14.80 0.24 -3.91	16.35 0.23 -3.17	19.32 0.27 -4.16	16.32 0.24 -5.57	18.31 0.30 -5.08	20.14 0.34 -5.65	22.52 0.39 -5.75	27.92 0.57 -6.27	28.21 0.65 -6.59	31.10 0.89 -6.88	31.63 0.99 -6.53	29.03 0.83 -2.93	29.55 0.80 0.00	22.28 0.58 -3.52
JENNISON____2 23626	21.65 0.58 -4.64	18.03 0.45 -3.60	16.07 0.40 -2.90	16.17 0.41 -2.79	14.82 0.39 -3.27	12.60 0.20 -5.38	14.60 0.28 -4.12	14.08 0.28 -3.60	13.71 0.19 -4.02	14.25 0.24 -3.58	14.80 0.24 -3.91	16.35 0.23 -3.17	19.32 0.27 -4.16	16.32 0.24 -5.57	18.31 0.30 -5.08	20.14 0.34 -5.65	22.52 0.39 -5.75	27.92 0.57 -6.27	28.21 0.65 -6.59	31.10 0.89 -6.88	31.63 0.99 -6.53	29.03 0.83 -2.93	29.55 0.80 0.00	22.28 0.58 -3.52
JERICOHO_RISE_WT_PWR 323719	15.75 -0.69 0.00	13.45 -0.53 0.00	12.34 -0.43 0.00	12.55 -0.42 0.00	10.80 -0.36 0.00	6.82 -0.20 0.00	9.96 -0.24 0.00	9.98 -0.22 0.00	9.31 -0.19 0.00	10.17 -0.25 0.00	10.40 -0.23 0.00	12.72 -0.23 0.00	14.63 -0.27 0.00	10.28 -0.23 0.00	12.66 -0.28 0.00	13.77 -0.38 0.00	15.93 -0.44 0.00	20.36 -0.72 0.00	20.19 -0.78 0.00	22.30 -1.03 0.00	23.02 -1.08 0.00	24.23 -1.04 0.00	27.62 -1.12 0.00	17.45 -0.73 0.00
KATONAH__115KV_46KV_TB4 355592	30.86 1.45 -12.97	25.24 1.19 -10.07	21.92 1.02 -8.12	21.81 1.02 -7.82	21.19 0.88 -9.14	22.07 0.50 -14.56	20.74 0.72 -11.14	20.88 0.76 -9.73	20.75 0.85 -10.61	21.82 0.84 -9.47	22.32 1.00 -10.34	25.96 1.16 -8.38	26.02 0.85 -9.90	27.35 1.05 -14.65	29.96 1.13 -13.36	32.03 1.29 -14.68	38.20 1.69 -14.37	40.48 1.68 -15.44	43.38 1.87 -17.83	43.33 1.98 -18.18	34.95 1.95 -17.25	30.84 2.10 -7.74	28.94 1.24 0.00	-9.53
KCE_NY_1 323755	34.07 0.85 -16.78	27.71 0.71 -13.02	23.90 0.63 -10.50	23.73 0.65 -10.12	23.57 0.57 -11.84	26.16 0.32 -18.83	25.05 0.43 -14.41	23.21 0.42 -12.58	23.59 0.39 -13.69	23.07 0.43 -12.22	24.43 0.45 -13.34	24.30 0.54 -10.81	28.30 0.63 -12.78	29.86 0.45 -18.90	30.77 0.60 -17.23	33.75 0.67 -18.93	35.66 0.75 -18.53	42.06 1.01 -19.96	45.06 1.03 -23.06	48.02 1.24 -23.46	47.64 1.28 -22.25	36.52 1.26 -9.99	30.12 1.38 0.00	31.39 0.89 -12.32
KCE_NY_6_ESR 323823	17.40 -1.23 -2.19	14.65 -1.03 -1.70	13.25 -0.89 -1.37	13.36 -0.92 -1.32	11.96 -0.76 -1.55	9.21 -0.49 -2.68	11.50 -0.75 -2.05	11.15 -0.85 -1.79	10.68 -0.76 -1.94	11.34 -0.81 -1.73	11.68 -0.85 -1.89	13.25 -1.23 -1.53	12.62 -1.42 0.85	12.25 -0.94 -2.67	14.23 -1.15 -2.44	15.15 -1.19 -2.19	15.65 -1.47 -0.75	17.79 -1.81 1.47	22.51 -1.74 -3.28	25.15 -1.52 -3.34	25.64 -1.64 -3.17	24.57 -2.12 -1.42	26.70 -2.04 0.00	18.93 -1.00 -1.75
KEDC_PORT_JEFF_GT2 24210	43.21 2.25 -24.51	42.34 1.76 -26.60	48.53 1.56 -34.20	41.50 1.58 -26.96	31.49 1.36 -18.97	25.20 0.81 -17.37	26.57 1.18 -15.18	21.10 1.25 -9.64	25.98 1.17 -15.31	26.32 1.27 -14.62	27.78 1.19 -15.95	32.75 1.39 -18.42	37.89 1.55 -21.44	37.87 1.17 -26.19	41.32 1.42 -26.96	45.02 1.51 -29.35	47.03 1.70 -28.96	70.62 2.23 -47.31	50.54 2.20 -27.37	59.02 2.45 -33.24	62.94 2.51 -36.32	49.62 2.60 -21.76	46.00 2.87 -14.38	39.62 1.82 -19.63
KEDC_PORT_JEFF_GT3 24211	43.21 2.25 -24.51	42.34 1.76 -26.60	48.53 1.56 -34.20	41.50 1.58 -26.96	31.49 1.36 -18.97	25.20 0.81 -17.37	26.57 1.18 -15.18	21.10 1.25 -9.64	25.98 1.17 -15.31	26.32 1.27 -14.62	27.78 1.19 -15.95	32.75 1.39 -18.42	37.89 1.55 -21.44	37.87 1.17 -26.19	41.32 1.42 -26.96	45.02 1.51 -29.35	47.03 1.70 -28.96	70.62 2.23 -47.31	50.54 2.20 -27.37	59.02 2.45 -33.24	62.94 2.51 -36.32	49.62 2.60 -21.76	46.00 2.87 -14.38	39.62 1.82 -19.63
KEDC_GLWD_GT4 24219	41.72 1.73 -23.55	54.24 1.34 -38.91	56.66 1.16 -42.72	55.32 1.21 -41.15	38.48 1.05 -26.27	27.15 0.60 -19.53	29.32 0.89 -18.23	20.83 0.97 -9.65	29.39 0.91 -18.97	30.16 1.01 -18.73	32.05 1.00 -20.41	40.29 1.18 -26.16	46.39 1.37 -30.13	46.40 0.97 -34.92	51.35 1.18 -37.23	55.76 1.27 -40.34	57.63 1.41 -39.85	63.34 1.86 -40.41	57.24 1.85 -34.43	69.80 2.05 -44.42	76.68 2.12 -50.45	55.53 2.12 -28.14	56.00 2.24 -25.02	46.80 1.45 -27.17
KEDC_GLWD_GT5 24220	41.72 1.73 -23.55	54.24 1.34 -38.91	56.66 1.16 -42.72	55.32 1.21 -41.15	38.48 1.05 -26.27	27.15 0.60 -19.53	29.32 0.89 -18.23	20.83 0.97 -9.65	29.39 0.91 -18.97	30.16 1.01 -18.73	32.05 1.00 -20.41	40.29 1.18 -26.16	46.39 1.37 -30.13	46.40 0.97 -34.92	51.35 1.18 -37.23	55.76 1.27 -40.34	57.63 1.41 -39.85	63.34 1.86 -40.41	57.24 1.85 -34.43	69.80 2.05 -44.42	76.68 2.12 -50.45	55.53 2.12 -28.14	56.00 2.24 -25.02	46.80 1.45 -27.17
KENSICO____ 23655	30.67 1.45 -12.78	25.09 1.19 -9.92	21.80 1.02 -8.00	21.69 1.02 -7.71	21.05 0.88 -9.01	21.86 0.50 -14.34	21.92 0.73 -10.98	20.62 0.83 -9.59	20.79 0.77 -10.52	20.74 0.85 -9.46	21.82 0.85 -10.33	22.37 1.01 -8.41	25.85 1.16 -9.80	25.84 0.85 -14.48	27.21 1.05 -13.23	29.74 1.13 -14.46	31.81 1.28 -14.15	37.97 1.69 -15.21	40.22 1.68 -17.57	43.09 1.84 -17.91	42.98 1.88 -16.99	34.79 1.89 -7.63	30.81 2.07 0.00	28.78 1.22 -9.39
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	29.99 1.38 -12.17	24.56 1.13 -9.44	21.34 0.95 -7.62	21.26 0.96 -7.34	20.58 0.84 -8.58	21.14 0.46 -13.66	21.35 0.68 -10.46	20.10 0.77 -9.13	20.18 0.71 -9.96	20.08 0.77 -8.89	21.08 0.73 -9.71	21.68 0.87 -7.87	25.20 1.01 -9.30	25.01 0.75 -13.75	26.41 0.93 -12.54	28.93 1.00 -13.78	31.04 1.18 -13.49	37.13 1.56 -14.49	39.34 1.64 -16.74	42.22 1.82 -17.07	42.18 1.88 -16.19	34.38 1.84 -7.27	30.76 2.01 0.00	28.26 1.14 -8.94

KIAC_JFK_GT1 23816	30.95 1.69 -12.82	25.17 1.24 -9.94	21.85 1.06 -8.02	21.73 1.05 -7.72	21.09 0.90 -9.02	21.89 0.51 -14.37	21.99 0.79 -11.00	20.76 0.92 -9.64	22.58 0.87 -12.20	24.50 0.97 -13.10	25.89 0.97 -14.29	26.74 1.14 -12.65	27.12 1.30 -10.93	27.11 0.91 -15.68	29.08 1.13 -15.01	29.79 1.15 -14.49	31.86 1.31 -14.18	37.90 1.58 -15.24	40.21 1.64 -17.60	43.12 1.84 -17.95	42.99 1.86 -17.03	34.90 2.00 -7.64	30.90 2.16 0.00	28.76 1.18 -9.40
KIAC_JFK_GT2 23817	30.95 1.69 -12.82	25.17 1.24 -9.94	21.85 1.06 -8.02	21.73 1.05 -7.72	21.09 0.90 -9.02	21.89 0.51 -14.37	21.99 0.79 -11.00	20.76 0.92 -9.64	22.58 0.87 -12.20	24.50 0.97 -13.10	25.89 0.97 -14.29	26.74 1.14 -12.65	27.12 1.30 -10.93	27.11 0.91 -15.68	29.08 1.13 -15.01	29.79 1.15 -14.49	31.86 1.31 -14.18	37.90 1.58 -15.24	40.21 1.64 -17.60	43.12 1.84 -17.95	42.99 1.86 -17.03	34.90 2.00 -7.64	30.90 2.16 0.00	28.76 1.18 -9.40
KIAC_JFK____ 323774	30.95 1.69 -12.82	25.17 1.24 -9.94	21.86 1.06 -8.02	21.73 1.05 -7.72	21.12 0.90 -9.05	21.93 0.51 -14.41	22.02 0.79 -11.03	20.79 0.92 -9.67	22.58 0.87 -12.20	24.50 0.97 -13.10	25.90 0.97 -14.29	26.74 1.14 -12.65	27.13 1.31 -10.93	27.10 0.91 -15.68	29.08 1.13 -15.01	29.87 1.23 -14.49	31.86 1.31 -14.18	38.04 1.69 -15.28	40.19 1.57 -17.65	43.10 1.82 -17.95	43.09 1.95 -17.03	34.95 2.05 -7.64	30.84 2.10 0.00	28.77 1.16 -9.43
KINTIGH__24_KV_GSU 356498	17.31 -0.92 -1.80	14.59 -0.78 -1.39	13.25 -0.65 -1.12	13.37 -0.67 -1.08	11.86 -0.55 -1.24	8.85 -0.37 -2.20	11.32 -0.56 -1.68	11.02 -0.65 -1.47	10.49 -0.59 -1.57	11.22 -0.60 -1.40	11.52 -0.65 -1.53	13.22 -0.97 -1.24	13.83 -1.12 -0.05	11.96 -0.73 -2.17	14.03 -0.89 -1.98	15.15 -0.91 -1.91	16.40 -1.19 -1.22	19.78 -1.48 -0.18	22.21 -1.45 -2.69	24.83 -1.24 -2.74	25.28 -1.42 -2.60	24.53 -1.90 -1.17	26.47 -2.27 0.00	18.70 -0.91 -1.44
KINTIGH____ 23543	17.31 -0.92 -1.80	14.59 -0.78 -1.39	13.25 -0.65 -1.12	13.37 -0.67 -1.08	11.88 -0.55 -1.27	8.63 -0.36 -1.97	11.14 -0.57 -1.51	10.87 -0.65 -1.32	10.51 -0.59 -1.60	11.24 -0.60 -1.43	11.55 -0.65 -1.56	13.24 -0.97 -1.26	13.84 -1.13 -0.08	11.96 -0.73 -2.17	14.03 -0.89 -1.98	15.17 -0.89 -1.91	16.26 -1.21 -1.10	19.53 -1.50 0.06	21.96 -1.43 -2.42	24.85 -1.21 -2.74	25.33 -1.37 -2.60	24.56 -1.87 -1.17	26.27 -2.47 0.00	18.56 -0.91 -1.29
KNTFSRNC_46_KV_46KV_LOAD 80397	15.96 -0.48 0.00	13.63 -0.35 0.00	12.49 -0.28 0.00	12.72 -0.25 0.00	10.94 -0.22 0.00	6.91 -0.11 0.00	10.09 -0.11 0.00	10.12 -0.08 0.00	9.45 -0.06 0.00	10.32 -0.10 0.00	10.54 -0.10 0.00	12.90 -0.05 0.00	14.84 -0.06 0.00	10.43 -0.08 0.00	12.82 -0.12 0.00	13.97 -0.18 0.00	16.16 -0.21 0.00	20.61 -0.46 0.00	20.47 -0.50 0.00	22.58 -0.75 0.00	23.34 -0.77 0.00	24.51 -0.76 0.00	27.91 -0.83 0.00	17.63 -0.55 0.00
LACHUTE____HYDRO 323717	34.49 1.25 -16.80	28.05 1.03 -13.03	24.15 0.86 -10.52	24.01 0.92 -10.13	23.83 0.81 -11.86	26.33 0.46 -18.85	25.24 0.60 -14.43	23.39 0.58 -12.60	23.75 0.53 -13.71	23.22 0.56 -12.23	24.62 0.62 -13.36	24.51 0.74 -10.83	28.55 0.86 -12.79	30.06 0.62 -18.92	31.06 0.87 -17.25	34.08 0.98 -18.96	36.02 1.10 -18.55	42.59 1.52 -19.99	45.70 1.64 -23.09	48.85 2.03 -23.49	48.49 2.10 -22.28	37.36 2.10 -10.00	30.96 2.21 0.00	31.88 1.36 -12.34
LAWRNCALV_115KV_TB1 80681	15.68 -0.76 0.00	13.37 -0.62 0.00	12.21 -0.56 0.00	12.42 -0.54 0.00	10.68 -0.48 0.00	6.72 -0.29 0.00	9.80 -0.41 0.00	9.81 -0.40 0.00	9.30 -0.38 -0.17	10.11 -0.47 -0.15	10.34 -0.47 -0.17	12.58 -0.50 -0.14	14.48 -0.58 -0.16	10.30 -0.45 -0.24	12.59 -0.57 -0.22	13.74 -0.65 -0.24	15.91 -0.70 -0.24	20.11 -0.97 0.00	20.03 -0.94 0.00	22.46 -1.17 -0.30	23.26 -1.13 -0.28	24.31 -1.09 -0.13	27.54 -1.21 0.00	17.36 -0.82 0.00
LEDERLE____ 23769	30.22 1.43 -12.36	24.74 1.17 -9.59	21.51 1.00 -7.73	21.42 1.01 -7.45	20.74 0.87 -8.71	21.37 0.48 -13.87	21.54 0.72 -10.62	20.28 0.81 -9.27	20.38 0.76 -10.11	20.29 0.84 -9.02	21.31 0.82 -9.85	21.90 0.97 -7.98	25.46 1.13 -9.44	25.29 0.83 -13.95	26.68 1.02 -12.72	29.23 1.10 -13.97	31.31 1.26 -13.68	37.45 1.67 -14.71	39.61 1.66 -16.99	42.50 1.84 -17.32	42.45 1.90 -16.44	34.54 1.89 -7.38	30.81 2.07 0.00	28.45 1.20 -9.08
LIGHTHSE_115KV_TB6 355974	17.26 -0.12 -0.93	14.58 -0.13 -0.73	13.23 -0.13 -0.58	13.40 -0.13 -0.56	11.71 -0.11 -0.66	7.98 -0.17 -1.13	10.82 -0.26 -0.87	10.69 -0.28 -0.76	10.22 -0.29 -1.00	11.04 -0.27 -0.89	11.34 -0.28 -0.97	13.36 -0.38 -0.79	15.40 -0.43 -0.93	11.62 -0.28 -1.39	13.87 -0.34 -1.27	15.19 -0.35 -1.39	17.31 -0.43 -1.36	21.73 -0.55 -1.20	21.96 -0.40 -1.39	24.76 -0.28 -1.71	25.49 -0.24 -1.62	25.59 -0.40 -0.73	28.17 -0.57 0.00	18.64 -0.27 -0.74
LINDEN COGEN____ 23786	30.79 1.53 -12.82	25.17 1.24 -9.94	21.87 1.07 -8.02	21.76 1.08 -7.72	21.13 0.92 -9.05	21.94 0.51 -14.41	22.02 0.79 -11.03	20.76 0.89 -9.67	22.55 0.85 -12.20	24.46 0.93 -13.10	25.85 0.93 -14.29	26.69 1.09 -12.65	27.10 1.28 -10.93	27.12 0.93 -15.68	28.48 1.13 -14.42	29.87 1.23 -14.49	31.92 1.38 -14.18	38.19 1.83 -15.27	40.44 1.82 -17.64	43.31 2.03 -17.95	43.21 2.07 -17.03	34.93 2.02 -7.64	30.84 2.10 0.00	28.82 1.22 -9.43
LINDHRST_69_KV_BK1 356055	42.95 2.20 -24.30	45.07 1.72 -29.36	46.18 1.53 -31.87	44.60 1.50 -30.14	33.04 1.31 -20.57	25.59 0.76 -17.81	27.15 1.12 -15.83	21.03 1.20 -9.62	26.75 1.12 -16.13	27.20 1.23 -15.54	28.79 1.20 -16.95	34.51 1.41 -20.15	39.88 1.59 -23.39	39.83 1.17 -28.15	43.64 1.44 -29.26	47.50 1.53 -31.82	49.51 1.74 -31.40	56.85 2.26 -33.52	52.11 2.29 -28.86	61.57 2.54 -35.70	66.16 2.60 -39.45	49.49 2.65 -21.57	48.50 2.99 -16.77	41.34 1.87 -21.30
LIPA_MISC_IPP 23656	43.26 2.30 -24.52	42.30 1.80 -26.51	47.52 1.62 -33.12	41.44 1.62 -26.86	31.44 1.40 -18.88	25.16 0.83 -17.31	26.55 1.21 -15.13	21.10 1.28 -9.62	25.97 1.19 -15.28	26.31 1.29 -14.59	27.73 1.18 -15.91	32.68 1.37 -18.36	37.78 1.50 -21.38	37.79 1.15 -26.13	41.22 1.40 -26.89	44.94 1.51 -29.28	46.97 1.72 -28.88	67.74 2.21 -44.45	50.50 2.26 -27.26	59.00 2.52 -33.15	62.88 2.56 -36.21	49.20 2.60 -21.33	46.04 2.99 -14.31	39.64 1.91 -19.55
LISF____SOLAR 323691	43.31 2.35 -24.52	42.36 1.83 -26.54	47.63 1.62 -33.23	41.50 1.65 -26.89	31.52 1.43 -18.93	25.22 0.84 -17.36	26.60 1.23 -15.17	21.15 1.31 -9.64	26.00 1.21 -15.29	26.34 1.31 -14.60	27.76 1.19 -15.93	32.72 1.39 -18.38	37.85 1.55 -21.41	37.83 1.17 -26.15	41.26 1.41 -26.91	44.98 1.53 -29.30	47.01 1.73 -28.90	68.10 2.30 -44.73	50.64 2.35 -27.33	59.12 2.61 -33.18	63.05 2.70 -36.25	49.35 2.70 -21.38	46.07 2.99 -14.34	39.64 1.87 -19.60
LITTLE FALLS____HYD 24013	16.26 -0.18 0.00	13.82 -0.17 0.00	12.64 -0.14 0.00	12.83 -0.13 0.00	11.07 -0.09 0.00	6.94 -0.08 0.00	10.09 -0.11 0.00	10.07 -0.13 0.00	9.35 -0.15 0.00	10.25 -0.18 0.00	10.46 -0.18 0.00	12.69 -0.26 0.00	14.58 -0.31 0.00	10.29 -0.22 0.00	12.67 -0.27 0.00	13.84 -0.31 0.00	16.00 -0.38 0.00	20.59 -0.48 0.00	20.51 -0.46 0.00	22.84 -0.49 0.00	23.65 -0.46 0.00	24.73 -0.53 0.00	28.11 -0.63 0.00	17.77 -0.40 0.00

LITTLRIV_115KV_TB1 356100	15.83 -0.61 0.00	13.49 -0.49 0.00	12.33 -0.45 0.00	12.54 -0.43 0.00	10.78 -0.38 0.00	6.80 -0.22 0.00	9.90 -0.31 0.00	9.89 -0.32 0.00	9.37 -0.32 -0.18	10.17 -0.42 -0.16	10.40 -0.41 -0.18	12.63 -0.47 -0.15	14.53 -0.54 -0.17	10.34 -0.43 -0.26	12.63 -0.54 -0.23	13.78 -0.62 -0.26	16.00 -0.62 -0.25	20.26 -0.82 0.00	20.24 -0.73 0.00	22.74 -0.91 -0.32	23.59 -0.82 -0.30	24.64 -0.76 -0.13	27.88 -0.86 0.00	17.57 -0.60 0.00
LI_NEWBRDGE___DRP 323616	42.82 1.78 -24.61	40.75 1.38 -25.38	40.46 1.23 -26.46	39.71 1.21 -25.54	30.41 1.05 -18.20	24.73 0.60 -17.10	25.93 0.89 -14.84	20.79 0.97 -9.62	25.35 0.90 -14.94	25.64 1.00 -14.21	27.11 0.97 -15.50	31.74 1.14 -17.65	36.76 1.28 -20.58	36.80 0.96 -25.32	40.04 1.16 -25.94	43.63 1.22 -28.27	45.57 1.33 -27.87	51.44 1.73 -28.63	49.26 1.74 -26.55	57.30 1.91 -32.06	60.91 1.95 -34.84	45.83 2.00 -18.57	44.35 2.27 -13.33	38.47 1.44 -18.86
LOCKPORT_115KV_TB60_63_64 80432	17.12 -1.28 -1.96	14.43 -1.08 -1.52	13.08 -0.92 -1.23	13.21 -0.93 -1.18	11.78 -0.77 -1.38	8.71 -0.50 -2.19	11.12 -0.76 -1.67	10.79 -0.88 -1.46	10.46 -0.80 -1.75	11.14 -0.84 -1.56	11.46 -0.88 -1.70	13.05 -1.28 -1.38	13.23 -1.33 0.34	11.92 -0.98 -2.38	13.91 -1.20 -2.17	14.94 -1.23 -2.02	15.88 -1.41 -0.91	18.56 -1.73 0.79	21.76 -1.89 -2.68	24.67 -1.66 -3.00	25.14 -1.81 -2.84	24.14 -2.40 -1.28	25.90 -2.85 0.00	18.42 -1.18 -1.43
LOCKPORT___CC1 323769	17.15 -1.27 -1.98	14.44 -1.08 -1.53	13.11 -0.91 -1.24	13.22 -0.93 -1.19	11.78 -0.77 -1.39	8.95 -0.49 -2.42	11.30 -0.75 -1.86	10.96 -0.87 -1.62	10.46 -0.79 -1.74	11.14 -0.83 -1.55	11.45 -0.88 -1.70	13.04 -1.28 -1.38	13.05 -1.36 0.49	11.94 -0.98 -2.40	13.93 -1.20 -2.19	14.95 -1.22 -2.02	15.86 -1.44 -0.92	18.51 -1.79 0.77	22.03 -1.91 -2.97	24.67 -1.68 -3.02	25.09 -1.88 -2.86	24.18 -2.38 -1.29	26.16 -2.59 0.00	18.60 -1.16 -1.59
LOCKPORT___CC2 323770	17.15 -1.27 -1.98	14.44 -1.08 -1.53	13.11 -0.91 -1.24	13.22 -0.93 -1.19	11.78 -0.77 -1.39	8.95 -0.49 -2.42	11.30 -0.75 -1.86	10.96 -0.87 -1.62	10.46 -0.79 -1.74	11.14 -0.83 -1.55	11.45 -0.88 -1.70	13.04 -1.28 -1.38	13.05 -1.36 0.49	11.94 -0.98 -2.40	13.93 -1.20 -2.19	14.95 -1.22 -2.02	15.86 -1.44 -0.92	18.51 -1.79 0.77	22.03 -1.91 -2.97	24.67 -1.68 -3.02	25.09 -1.88 -2.86	24.18 -2.38 -1.29	26.16 -2.59 0.00	18.60 -1.16 -1.59
LOCKPORT___CC3 323771	17.15 -1.27 -1.98	14.44 -1.08 -1.53	13.11 -0.91 -1.24	13.22 -0.93 -1.19	11.78 -0.77 -1.39	8.95 -0.49 -2.42	11.30 -0.75 -1.86	10.96 -0.87 -1.62	10.46 -0.79 -1.74	11.14 -0.83 -1.55	11.45 -0.88 -1.70	13.04 -1.28 -1.38	13.05 -1.36 0.49	11.94 -0.98 -2.40	13.93 -1.20 -2.19	14.95 -1.22 -2.02	15.86 -1.44 -0.92	18.51 -1.79 0.77	22.03 -1.91 -2.97	24.67 -1.68 -3.02	25.09 -1.88 -2.86	24.18 -2.38 -1.29	26.16 -2.59 0.00	18.60 -1.16 -1.59
LOCUSVLY_69_KV_BK2 55797	42.12 1.87 -23.81	51.13 1.48 -35.66	53.02 1.32 -38.93	51.66 1.30 -37.41	36.60 1.13 -24.31	26.59 0.65 -18.92	28.56 0.96 -17.39	20.88 1.05 -9.62	28.48 0.98 -18.00	29.15 1.08 -17.64	30.94 1.07 -19.23	38.33 1.27 -24.11	44.17 1.44 -27.84	44.18 1.05 -32.62	48.76 1.29 -34.52	52.96 1.37 -37.44	54.87 1.52 -36.98	60.63 2.00 -37.55	55.44 1.97 -32.50	66.97 2.19 -41.45	73.06 2.24 -46.71	53.38 2.27 -25.84	53.48 2.53 -22.21	44.91 1.58 -25.16
LONG_LAKE_PHOENIX 24014	17.23 -0.21 -1.01	14.55 -0.21 -0.78	13.20 -0.20 -0.63	13.35 -0.22 -0.61	11.68 -0.19 -0.71	8.02 -0.22 -1.22	10.80 -0.34 -0.93	10.67 -0.35 -0.81	10.27 -0.32 -1.09	11.07 -0.32 -0.97	11.37 -0.33 -1.06	13.38 -0.43 -0.86	15.42 -0.49 -1.02	11.72 -0.32 -1.52	13.93 -0.39 -1.38	15.27 -0.40 -1.52	17.35 -0.51 -1.49	21.72 -0.65 -1.29	21.88 -0.59 -1.49	24.69 -0.51 -1.87	25.35 -0.53 -1.77	25.35 -0.71 -0.80	27.77 -0.98 0.00	18.48 -0.49 -0.80
LOVETT___3 23632	30.25 1.36 -12.44	24.76 1.12 -9.66	21.52 0.96 -7.79	21.43 0.96 -7.50	20.76 0.83 -8.77	21.45 0.46 -13.97	21.59 0.69 -10.69	20.31 0.78 -9.33	20.41 0.72 -10.19	20.31 0.80 -9.09	21.35 0.79 -9.92	21.92 0.93 -8.04	25.48 1.09 -9.50	25.37 0.79 -14.06	26.74 0.97 -12.83	29.29 1.05 -14.09	31.36 1.20 -13.79	37.47 1.58 -14.81	39.65 1.57 -17.11	42.50 1.73 -17.45	42.45 1.78 -16.55	34.46 1.77 -7.43	30.67 1.93 0.00	28.46 1.14 -9.14
LOVETT___4 23642	30.25 1.36 -12.44	24.76 1.12 -9.66	21.52 0.96 -7.79	21.43 0.96 -7.50	20.76 0.83 -8.77	21.45 0.46 -13.97	21.59 0.69 -10.69	20.31 0.78 -9.33	20.41 0.72 -10.19	20.31 0.80 -9.09	21.35 0.79 -9.92	21.92 0.93 -8.04	25.48 1.09 -9.50	25.37 0.79 -14.06	26.74 0.97 -12.83	29.29 1.05 -14.09	31.36 1.20 -13.79	37.47 1.58 -14.81	39.65 1.57 -17.11	42.50 1.73 -17.45	42.45 1.78 -16.55	34.46 1.77 -7.43	30.67 1.93 0.00	28.46 1.14 -9.14
LOVETT___5 23593	30.25 1.36 -12.44	24.76 1.12 -9.66	21.52 0.96 -7.79	21.43 0.96 -7.50	20.76 0.83 -8.77	21.45 0.46 -13.97	21.59 0.69 -10.69	20.31 0.78 -9.33	20.41 0.72 -10.19	20.31 0.80 -9.09	21.35 0.79 -9.92	21.92 0.93 -8.04	25.48 1.09 -9.50	25.37 0.79 -14.06	26.74 0.97 -12.83	29.29 1.05 -14.09	31.36 1.20 -13.79	37.47 1.58 -14.81	39.65 1.57 -17.11	42.50 1.73 -17.45	42.45 1.78 -16.55	34.46 1.77 -7.43	30.67 1.93 0.00	28.46 1.14 -9.14
LOWER RAQUET___HYD 24057	15.58 -0.86 0.00	13.28 -0.70 0.00	12.14 -0.64 0.00	12.34 -0.62 0.00	10.62 -0.55 0.00	6.96 -0.33 -0.27	9.94 -0.47 -0.21	9.92 -0.46 -0.18	9.25 -0.45 -0.20	10.07 -0.53 -0.18	10.30 -0.53 -0.19	12.51 -0.60 -0.16	14.39 -0.68 -0.18	10.26 -0.53 -0.27	12.53 -0.66 -0.25	13.66 -0.76 -0.27	15.84 -0.80 -0.26	20.25 -1.12 -0.28	20.23 -1.07 -0.33	22.38 -1.28 -0.33	23.17 -1.25 -0.32	24.20 -1.21 -0.14	27.36 -1.38 0.00	17.44 -0.91 -0.18
LOWER___HUDSON 24059	33.65 0.67 -16.53	27.39 0.57 -12.83	23.65 0.52 -10.35	23.46 0.53 -9.97	23.30 0.47 -11.67	25.83 0.25 -18.56	24.77 0.36 -14.21	22.94 0.34 -12.40	23.32 0.31 -13.50	22.82 0.35 -12.04	24.16 0.37 -13.15	24.05 0.44 -10.66	27.98 0.49 -12.59	29.49 0.35 -18.63	30.35 0.43 -16.99	33.29 0.48 -18.66	35.21 0.57 -18.26	41.50 0.74 -19.68	44.48 0.78 -22.73	47.36 0.91 -23.12	46.98 0.94 -21.93	36.05 0.94 -9.85	29.75 1.01 0.00	30.99 0.67 -12.15
LOWVILLE_115KV_TB2 356335	16.77 -0.13 -0.46	14.20 -0.14 -0.36	12.91 -0.15 -0.29	13.12 -0.12 -0.28	11.41 -0.08 -0.32	7.51 -0.08 -0.57	10.51 -0.13 -0.44	10.44 -0.14 -0.38	9.80 -0.20 -0.49	10.63 -0.23 -0.44	10.88 -0.23 -0.48	13.03 -0.31 -0.39	15.00 -0.36 -0.46	10.96 -0.24 -0.68	13.25 -0.31 -0.62	14.51 -0.33 -0.68	16.72 -0.33 -0.67	21.37 -0.32 -0.60	21.50 -0.17 -0.70	24.10 -0.07 -0.84	24.96 0.05 -0.80	25.60 -0.03 -0.36	28.57 -0.17 0.00	18.44 -0.11 -0.37
LUTHERFT_115KV_GLOB_FND_222 355753	34.05 0.84 -16.78	27.71 0.71 -13.02	23.90 0.63 -10.50	23.73 0.65 -10.12	23.55 0.57 -11.82	26.12 0.31 -18.80	25.02 0.43 -14.39	23.18 0.42 -12.56	23.58 0.38 -13.69	23.06 0.42 -12.21	24.43 0.45 -13.34	24.30 0.54 -10.81	28.30 0.63 -12.78	29.85 0.44 -18.90	30.75 0.58 -17.23	33.75 0.67 -18.93	35.66 0.75 -18.53	42.00 0.99 -19.93	45.00 1.01 -23.02	48.00 1.21 -23.46	47.62 1.25 -22.25	36.52 1.26 -9.99	30.09 1.35 0.00	31.31 0.84 -12.30

LUTHERNY_35_KV_BK2 355980	34.07 0.85 -16.78	27.71 0.71 -13.02	23.90 0.63 -10.50	23.73 0.65 -10.12	23.55 0.57 -11.82	26.13 0.32 -18.80	25.02 0.43 -14.39	23.18 0.42 -12.56	23.59 0.39 -13.69	23.07 0.43 -12.21	24.43 0.45 -13.34	24.30 0.54 -10.81	28.30 0.63 -12.78	29.85 0.44 -18.90	30.77 0.60 -17.23	33.75 0.67 -18.93	35.66 0.75 -18.53	42.02 1.01 -19.93	45.02 1.03 -23.02	48.00 1.21 -23.46	47.64 1.28 -22.25	36.52 1.26 -9.99	30.12 1.38 0.00	31.33 0.85 -12.30
LWR___OSWEGATCHIE_HYD 23850	16.20 -0.58 -0.34	13.76 -0.49 -0.26	12.53 -0.46 -0.21	12.73 -0.44 -0.20	11.02 -0.38 -0.24	7.19 -0.25 -0.42	10.17 -0.36 -0.32	10.11 -0.37 -0.28	9.48 -0.39 -0.36	10.29 -0.46 -0.32	10.53 -0.46 -0.35	12.69 -0.54 -0.29	14.61 -0.63 -0.34	10.56 -0.46 -0.50	12.83 -0.57 -0.46	14.02 -0.64 -0.50	16.20 -0.67 -0.49	20.68 -0.84 -0.44	20.75 -0.73 -0.51	23.16 -0.79 -0.62	24.00 -0.70 -0.59	24.80 -0.73 -0.26	27.82 -0.92 0.00	17.85 -0.60 -0.27
LYONS_FALL_HYD 23570	16.89 0.02 -0.43	14.32 0.00 -0.34	13.02 -0.03 -0.27	13.22 0.00 -0.26	11.52 0.02 -0.34	7.64 -0.01 -0.64	10.66 -0.03 -0.49	10.59 -0.04 -0.43	9.88 -0.10 -0.47	10.74 -0.10 -0.42	11.00 -0.10 -0.45	13.17 -0.14 -0.37	15.17 -0.16 -0.44	11.05 -0.11 -0.64	13.40 -0.13 -0.59	14.67 -0.13 -0.65	16.89 -0.11 -0.63	21.69 -0.06 -0.68	21.79 0.04 -0.78	24.26 0.14 -0.79	25.10 0.24 -0.75	25.78 0.18 -0.34	28.80 0.06 0.00	18.63 0.04 -0.42
MADISON___COUNTY_LFGE 323628	17.52 0.31 -0.77	14.84 0.25 -0.60	13.46 0.20 -0.48	13.65 0.22 -0.47	11.92 0.21 -0.54	8.09 0.09 -0.98	11.07 0.12 -0.75	10.97 0.11 -0.65	10.38 0.07 -0.81	11.24 0.09 -0.72	11.52 0.10 -0.79	13.67 0.08 -0.64	15.75 0.10 -0.76	11.75 0.11 -1.13	14.10 0.13 -1.03	15.43 0.16 -1.13	17.66 0.18 -1.10	22.41 0.30 -1.04	22.54 0.38 -1.20	25.25 0.54 -1.39	26.03 0.60 -1.32	26.39 0.53 -0.59	29.20 0.46 0.00	19.14 0.33 -0.64
MALONE___115KV_TB1 356076	15.85 -0.59 0.00	13.52 -0.46 0.00	12.38 -0.40 0.00	12.60 -0.36 0.00	10.84 -0.32 0.00	6.84 -0.18 0.00	10.00 -0.20 0.00	10.02 -0.18 0.00	9.35 -0.15 0.00	10.20 -0.22 0.00	10.43 -0.21 0.00	12.75 -0.19 0.00	14.69 -0.21 0.00	10.32 -0.20 0.00	12.68 -0.26 0.00	13.81 -0.34 0.00	15.98 -0.39 0.00	20.43 -0.65 0.00	20.30 -0.67 0.00	22.42 -0.91 0.00	23.19 -0.92 0.00	24.41 -0.86 0.00	27.74 -1.01 0.00	17.52 -0.65 0.00
MAPLEWOD_115KV_TB3 80458	33.40 0.56 -16.41	27.22 0.50 -12.73	23.53 0.49 -10.27	23.35 0.49 -9.89	23.15 0.42 -11.56	25.63 0.22 -18.39	24.59 0.32 -14.07	22.77 0.28 -12.29	23.15 0.26 -13.39	22.65 0.28 -11.95	23.99 0.30 -13.05	23.88 0.36 -10.57	27.79 0.40 -12.50	29.28 0.28 -18.48	30.16 0.36 -16.85	33.08 0.41 -18.52	34.97 0.47 -18.13	41.14 0.57 -19.49	44.08 0.59 -22.52	46.99 0.72 -22.94	46.60 0.72 -21.76	35.79 0.76 -9.77	29.58 0.83 0.00	30.73 0.53 -12.03
MAPLE_RIDGE_WT_1 323574	16.09 -0.35 0.00	13.70 -0.28 0.00	12.53 -0.24 0.00	12.73 -0.23 0.00	10.96 -0.20 0.00	6.88 -0.14 0.00	10.01 -0.19 0.00	10.01 -0.19 0.00	9.32 -0.18 0.00	10.22 -0.21 0.00	10.43 -0.21 0.00	12.69 -0.26 0.00	14.60 -0.30 0.00	10.30 -0.21 0.00	12.67 -0.27 0.00	13.84 -0.31 0.00	16.01 -0.36 0.00	20.64 -0.44 0.00	20.55 -0.42 0.00	22.86 -0.47 0.00	23.63 -0.48 0.00	24.76 -0.51 0.00	28.17 -0.57 0.00	17.81 -0.36 0.00
MAPLE_RIDGE_WT_2 323611	16.09 -0.35 0.00	13.70 -0.28 0.00	12.53 -0.24 0.00	12.73 -0.23 0.00	10.96 -0.20 0.00	6.88 -0.14 0.00	10.01 -0.19 0.00	10.01 -0.19 0.00	9.32 -0.18 0.00	10.22 -0.21 0.00	10.43 -0.21 0.00	12.69 -0.26 0.00	14.60 -0.30 0.00	10.30 -0.21 0.00	12.67 -0.27 0.00	13.84 -0.31 0.00	16.01 -0.36 0.00	20.64 -0.44 0.00	20.55 -0.42 0.00	22.86 -0.47 0.00	23.63 -0.48 0.00	24.76 -0.51 0.00	28.17 -0.57 0.00	17.81 -0.36 0.00
MARBLE_RIVER_WT_PWR 323696	15.78 -0.66 0.00	13.48 -0.50 0.00	12.37 -0.41 0.00	12.59 -0.38 0.00	10.84 -0.32 0.00	6.84 -0.18 0.00	9.98 -0.22 0.00	10.01 -0.19 0.00	9.33 -0.17 0.00	10.20 -0.22 0.00	10.43 -0.21 0.00	12.74 -0.21 0.00	14.66 -0.24 0.00	10.31 -0.20 0.00	12.68 -0.26 0.00	13.81 -0.34 0.00	15.96 -0.41 0.00	20.40 -0.68 0.00	20.22 -0.75 0.00	22.35 -0.98 0.00	23.07 -1.04 0.00	24.28 -0.99 0.00	27.68 -1.06 0.00	17.46 -0.71 0.00
MARSHVLE_115KV_TB1 80742	36.41 1.23 -18.74	29.53 1.01 -14.54	25.37 0.87 -11.73	25.16 0.89 -11.30	25.16 0.79 -13.21	28.49 0.46 -21.01	26.89 0.60 -16.08	24.79 0.54 -14.04	25.28 0.47 -15.31	24.59 0.51 -13.66	26.10 0.54 -14.92	25.70 0.66 -12.09	29.95 0.77 -14.28	32.22 0.58 -21.13	32.97 0.76 -19.27	36.11 0.79 -21.17	38.01 0.92 -20.72	44.66 1.31 -22.28	48.13 1.43 -25.74	51.35 1.80 -26.23	50.92 1.93 -24.88	38.33 1.89 -11.17	30.87 2.13 0.00	33.20 1.27 -13.75
MARSH_HILL_WT_PWR 323713	18.14 -1.04 -2.73	15.20 -0.91 -2.12	13.66 -0.83 -1.71	13.73 -0.88 -1.65	12.39 -0.76 -1.99	9.87 -0.51 -3.36	12.02 -0.75 -2.57	11.62 -0.83 -2.24	11.20 -0.79 -2.48	11.75 -0.89 -2.22	12.10 -0.96 -2.42	13.63 -1.28 -1.96	24.42 -1.50 -11.03	12.93 -1.01 -3.43	14.84 -1.23 -3.12	17.90 -1.29 -5.04	24.33 -1.52 -9.48	36.96 -1.86 -17.74	23.51 -1.57 -4.11	26.25 -1.26 -4.18	26.82 -1.25 -3.97	25.50 -1.54 -1.78	27.19 -1.55 0.00	19.59 -0.78 -2.20
MCINTYRE_115KV_TB2 80467	16.03 -0.41 0.00	13.66 -0.32 0.00	12.47 -0.31 0.00	12.69 -0.27 0.00	10.92 -0.25 0.00	6.88 -0.13 0.00	10.01 -0.19 0.00	10.00 -0.20 0.00	9.27 -0.24 0.00	10.10 -0.32 0.00	10.31 -0.33 0.00	12.59 -0.36 0.00	14.46 -0.43 0.00	10.16 -0.36 0.00	12.49 -0.45 0.00	13.63 -0.52 0.00	15.88 -0.49 0.00	20.47 -0.61 0.00	20.47 -0.50 0.00	22.70 -0.63 0.00	23.58 -0.53 0.00	24.81 -0.45 0.00	28.25 -0.49 0.00	17.79 -0.38 0.00
MECO_____69_KV_BK1 80468	35.82 1.33 -18.05	29.08 1.09 -14.00	25.02 0.95 -11.30	24.82 0.97 -10.88	24.74 0.86 -12.72	27.74 0.49 -20.23	26.35 0.66 -15.49	24.34 0.61 -13.52	24.77 0.52 -14.74	24.14 0.56 -13.15	25.60 0.60 -14.36	25.31 0.73 -11.64	29.50 0.85 -13.75	31.47 0.61 -20.34	32.31 0.82 -18.55	35.42 0.89 -20.38	37.35 1.03 -19.95	44.01 1.48 -21.45	47.34 1.59 -24.78	50.56 1.98 -25.25	50.16 2.10 -23.96	38.11 2.10 -10.75	31.04 2.30 0.00	32.78 1.36 -13.24
MENANDS___115KV_TB5 355628	33.31 0.49 -16.37	27.14 0.45 -12.70	23.47 0.45 -10.25	23.29 0.45 -9.87	23.10 0.40 -11.54	25.57 0.20 -18.35	24.55 0.30 -14.05	22.71 0.24 -12.26	23.10 0.23 -13.37	22.60 0.25 -11.92	23.93 0.27 -13.02	23.81 0.31 -10.55	27.72 0.36 -12.47	29.21 0.25 -18.45	30.07 0.31 -16.82	32.99 0.35 -18.48	34.87 0.41 -18.09	41.00 0.46 -19.46	43.93 0.48 -22.48	46.81 0.58 -22.90	46.43 0.60 -21.72	35.65 0.63 -9.75	29.43 0.69 0.00	30.64 0.45 -12.01
MG INDUSTRY___DRP 24185	32.64 0.41 -15.79	26.61 0.38 -12.25	23.03 0.37 -9.89	22.87 0.39 -9.52	22.63 0.33 -11.13	24.89 0.17 -17.70	23.99 0.23 -13.55	22.21 0.17 -11.83	22.55 0.15 -12.89	22.09 0.17 -11.50	23.38 0.18 -12.56	23.33 0.21 -10.18	27.16 0.24 -12.03	28.48 0.17 -17.80	29.39 0.22 -16.23	32.23 0.25 -17.83	34.10 0.28 -17.45	40.18 0.34 -18.77	43.01 0.36 -21.68	45.88 0.47 -22.09	45.55 0.48 -20.95	35.18 0.51 -9.41	29.38 0.63 0.00	30.16 0.40 -11.58

MID___OSWEGATCHIE_HYD 23849	16.20 -0.58 -0.34	13.76 -0.49 -0.26	12.53 -0.46 -0.21	12.73 -0.44 -0.20	11.02 -0.38 -0.24	7.19 -0.25 -0.42	10.17 -0.36 -0.32	10.11 -0.37 -0.28	9.48 -0.39 -0.36	10.29 -0.46 -0.32	10.53 -0.46 -0.35	12.69 -0.54 -0.29	14.61 -0.63 -0.34	10.56 -0.46 -0.50	12.83 -0.57 -0.46	14.02 -0.64 -0.50	16.20 -0.67 -0.49	20.68 -0.84 -0.44	20.75 -0.73 -0.51	23.16 -0.79 -0.62	24.00 -0.70 -0.59	24.80 -0.73 -0.26	27.82 -0.92 0.00	17.85 -0.60 -0.27
MID___RAQUETTE_HYD 23851	15.58 -0.85 0.00	13.28 -0.70 0.00	12.14 -0.64 0.00	12.34 -0.62 0.00	10.62 -0.55 0.00	6.69 -0.33 0.00	9.73 -0.47 0.00	9.74 -0.46 0.00	9.25 -0.45 -0.20	10.07 -0.53 -0.17	10.30 -0.53 -0.19	12.51 -0.60 -0.15	14.39 -0.69 -0.18	10.26 -0.53 -0.27	12.53 -0.66 -0.25	13.67 -0.75 -0.27	15.84 -0.80 -0.27	19.98 -1.10 0.00	19.90 -1.07 0.00	22.38 -1.28 -0.33	23.17 -1.25 -0.32	24.19 -1.21 -0.14	27.39 -1.35 0.00	17.26 -0.91 0.00
MILLIKEN___1 23584	19.32 0.21 -2.66	16.20 0.15 -2.07	14.57 0.13 -1.67	14.70 0.13 -1.61	13.16 0.12 -1.88	10.22 0.01 -3.19	12.65 0.00 -2.44	12.33 -0.01 -2.13	11.96 -0.02 -2.47	12.63 0.00 -2.21	13.03 -0.02 -2.41	14.82 -0.08 -1.95	17.91 -0.10 -3.12	13.93 -0.04 -3.46	16.06 -0.04 -3.15	17.75 -0.01 -3.61	20.32 -0.03 -3.98	25.58 0.00 -4.50	25.03 0.15 -3.91	27.92 0.35 -4.24	28.49 0.36 -4.02	27.27 0.20 -1.81	28.77 0.03 0.00	20.41 0.15 -2.09
MILLIKEN___2 23585	19.32 0.21 -2.66	16.20 0.15 -2.07	14.57 0.13 -1.67	14.70 0.13 -1.61	13.16 0.12 -1.88	10.22 0.01 -3.19	12.65 0.00 -2.44	12.33 -0.01 -2.13	11.96 -0.02 -2.47	12.63 0.00 -2.21	13.03 -0.02 -2.41	14.82 -0.08 -1.95	17.91 -0.10 -3.12	13.93 -0.04 -3.46	16.06 -0.04 -3.15	17.75 -0.01 -3.61	20.32 -0.03 -3.98	25.58 0.00 -4.50	25.03 0.15 -3.91	27.92 0.35 -4.24	28.49 0.36 -4.02	27.27 0.20 -1.81	28.77 0.03 0.00	20.41 0.15 -2.09
MILLIKEN___DIESEL 23629	19.32 0.21 -2.66	16.20 0.15 -2.07	14.57 0.13 -1.67	14.70 0.13 -1.61	13.16 0.12 -1.88	10.22 0.01 -3.19	12.65 0.00 -2.44	12.33 -0.01 -2.13	11.96 -0.02 -2.47	12.63 0.00 -2.21	13.03 -0.02 -2.41	14.82 -0.08 -1.95	17.91 -0.10 -3.12	13.93 -0.04 -3.46	16.06 -0.04 -3.15	17.75 -0.01 -3.61	20.32 -0.03 -3.98	25.58 0.00 -4.50	25.03 0.15 -3.91	27.92 0.35 -4.24	28.49 0.36 -4.02	27.27 0.20 -1.81	28.77 0.03 0.00	20.41 0.15 -2.09
MILLSEAT___LFGE 323607	17.44 -0.87 -1.88	14.70 -0.74 -1.46	13.34 -0.61 -1.17	13.46 -0.63 -1.13	11.95 -0.52 -1.31	8.98 -0.34 -2.30	11.43 -0.54 -1.76	11.11 -0.63 -1.54	10.56 -0.59 -1.65	11.27 -0.63 -1.47	11.61 -0.64 -1.61	13.25 -1.00 -1.30	13.81 -1.01 0.07	12.04 -0.75 -2.28	14.12 -0.89 -2.08	15.23 -0.91 -1.98	16.49 -1.06 -1.18	19.78 -1.26 0.03	22.43 -1.36 -2.82	25.15 -1.05 -2.87	25.67 -1.16 -2.72	24.82 -1.67 -1.22	26.85 -1.90 0.00	18.88 -0.80 -1.51
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	30.57 1.40 -12.73	25.01 1.15 -9.88	21.74 1.00 -7.97	21.64 1.00 -7.68	20.99 0.86 -8.97	21.79 0.48 -14.29	21.86 0.71 -10.94	20.55 0.80 -9.55	20.72 0.75 -10.47	20.66 0.83 -9.40	21.72 0.82 -10.26	22.27 0.97 -8.35	25.78 1.13 -9.75	25.75 0.82 -14.41	27.11 1.01 -13.16	29.65 1.09 -14.41	31.72 1.24 -14.10	37.85 1.62 -15.15	40.09 1.61 -17.50	42.97 1.80 -17.85	42.87 1.83 -16.93	34.71 1.84 -7.60	30.76 2.01 0.00	28.71 1.18 -9.35
MILLWOOD_13_KV_LOAD 356217	30.60 1.43 -12.73	25.04 1.17 -9.88	21.76 1.01 -7.97	21.65 1.01 -7.68	21.01 0.87 -8.97	21.80 0.49 -14.29	21.87 0.72 -10.94	20.56 0.81 -9.55	20.73 0.76 -10.47	20.67 0.84 -9.40	21.73 0.83 -10.26	22.28 0.98 -8.35	25.79 1.15 -9.75	25.77 0.84 -14.41	27.14 1.04 -13.16	29.67 1.12 -14.41	31.75 1.28 -14.10	37.89 1.67 -15.15	40.13 1.66 -17.50	43.02 1.84 -17.85	42.94 1.90 -16.93	34.76 1.89 -7.60	30.81 2.07 0.00	28.72 1.20 -9.35
MODEL_CITY_ENERGY 24167	17.02 -1.41 -2.00	14.34 -1.19 -1.55	13.02 -1.01 -1.25	13.13 -1.04 -1.20	11.71 -0.86 -1.40	8.92 -0.55 -2.45	11.24 -0.84 -1.87	10.88 -0.96 -1.63	10.40 -0.86 -1.76	11.08 -0.92 -1.57	11.37 -0.98 -1.71	12.95 -1.39 -1.39	13.09 -1.38 0.42	11.87 -1.07 -2.43	13.85 -1.31 -2.21	14.87 -1.33 -2.05	15.87 -1.49 -0.98	18.58 -1.83 0.67	21.87 -2.10 -3.00	24.46 -1.91 -3.05	24.88 -2.12 -2.89	23.93 -2.63 -1.30	25.87 -2.87 0.00	18.45 -1.33 -1.60
MODERN_LFGE___ 323580	17.02 -1.41 -2.00	14.34 -1.19 -1.55	13.02 -1.01 -1.25	13.13 -1.04 -1.20	11.71 -0.86 -1.40	8.92 -0.55 -2.45	11.24 -0.84 -1.87	10.88 -0.96 -1.63	10.40 -0.86 -1.76	11.08 -0.92 -1.57	11.37 -0.98 -1.71	12.95 -1.39 -1.39	13.09 -1.38 0.42	11.87 -1.07 -2.43	13.85 -1.31 -2.21	14.87 -1.33 -2.05	15.87 -1.49 -0.98	18.58 -1.83 0.67	21.87 -2.10 -3.00	24.46 -1.91 -3.05	24.88 -2.12 -2.89	23.93 -2.63 -1.30	25.87 -2.87 0.00	18.45 -1.33 -1.60
MOHAWK_PAPER___DRP 24187	33.40 0.56 -16.41	27.22 0.50 -12.73	23.53 0.49 -10.27	23.35 0.49 -9.89	23.15 0.42 -11.56	25.63 0.22 -18.39	24.59 0.32 -14.07	22.77 0.28 -12.29	23.15 0.26 -13.39	22.65 0.28 -11.95	23.99 0.30 -13.05	23.88 0.36 -10.57	27.79 0.40 -12.50	29.28 0.28 -18.48	30.16 0.36 -16.85	33.08 0.41 -18.52	34.97 0.47 -18.13	41.14 0.57 -19.49	44.08 0.59 -22.52	46.99 0.72 -22.94	46.60 0.72 -21.76	35.79 0.76 -9.77	29.58 0.83 0.00	30.73 0.53 -12.03
MOHICAN___35_KV_115KV_LD 80490	34.13 0.90 -16.79	27.77 0.76 -13.03	23.94 0.65 -10.51	23.77 0.69 -10.12	23.60 0.60 -11.83	26.16 0.33 -18.81	25.05 0.45 -14.40	23.22 0.44 -12.57	23.62 0.41 -13.70	23.10 0.45 -12.22	24.47 0.48 -13.35	24.35 0.58 -10.82	28.35 0.67 -12.79	29.90 0.47 -18.91	30.83 0.65 -17.25	33.83 0.74 -18.95	35.75 0.84 -18.55	42.14 1.12 -19.95	45.15 1.13 -23.04	48.18 1.38 -23.47	47.83 1.45 -22.27	36.70 1.44 -10.00	30.27 1.52 0.00	31.39 0.91 -12.31
MONGAUP___HYD 23641	29.29 1.17 -11.68	24.01 0.96 -9.06	20.88 0.79 -7.31	20.82 0.82 -7.04	20.13 0.70 -8.26	20.56 0.39 -13.15	20.83 0.56 -10.07	19.62 0.62 -8.79	19.64 0.57 -9.57	19.56 0.60 -8.53	20.53 0.57 -9.32	21.17 0.67 -7.55	24.62 0.80 -8.93	24.23 0.52 -13.20	25.61 0.63 -12.04	28.00 0.62 -13.23	30.04 0.72 -12.94	36.04 1.01 -13.95	37.96 0.88 -16.11	40.74 1.03 -16.39	40.74 1.09 -15.54	33.51 1.26 -6.98	30.18 1.44 0.00	27.73 0.94 -8.61
MONTAUK___DIESEL 23721	43.33 2.37 -24.52	42.35 1.85 -26.52	47.60 1.66 -33.16	41.48 1.65 -26.87	31.48 1.43 -18.89	25.17 0.84 -17.32	26.55 1.21 -15.13	21.11 1.29 -9.62	25.98 1.20 -15.28	26.35 1.33 -14.60	27.67 1.12 -15.92	32.60 1.28 -18.37	37.70 1.41 -21.39	37.74 1.09 -26.14	41.17 1.33 -26.89	44.91 1.47 -29.29	47.00 1.74 -28.89	67.92 2.30 -44.54	50.52 2.29 -27.27	59.03 2.54 -33.16	62.91 2.58 -36.22	49.17 2.55 -21.35	45.94 2.87 -14.32	39.66 1.93 -19.56
MOONROAD_115KV_HARTFLD_TB1-2 355988	17.18 -1.58 -2.32	14.46 -1.33 -1.80	13.00 -1.23 -1.45	13.11 -1.26 -1.40	11.75 -1.05 -1.64	8.98 -0.67 -2.63	11.22 -1.00 -2.01	10.90 -1.06 -1.76	10.61 -0.96 -2.06	11.22 -1.04 -1.84	11.58 -1.07 -2.01	13.08 -1.50 -1.63	13.15 -1.74 0.00	12.21 -1.15 -2.84	14.12 -1.41 -2.59	15.15 -1.49 -2.49	16.05 -1.72 -1.39	18.63 -2.11 0.34	22.30 -1.89 -3.22	25.33 -1.54 -3.54	25.99 -1.47 -3.36	24.95 -1.82 -1.51	27.05 -1.70 0.00	19.17 -0.73 -1.72

MORRIS RIDGE___SOLAR 323848	18.03 -1.05 -2.65	15.13 -0.91 -2.05	13.63 -0.80 -1.66	13.70 -0.86 -1.60	12.35 -0.73 -1.91	9.78 -0.48 -3.24	11.96 -0.72 -2.48	11.56 -0.81 -2.16	11.12 -0.75 -2.37	11.70 -0.83 -2.12	12.08 -0.87 -2.31	13.62 -1.20 -1.87	3.55 -1.40 9.94	12.84 -0.95 -3.27	14.76 -1.16 -2.98	13.97 -1.22 -1.03	9.29 -1.44 5.65	2.48 -1.77 16.82	23.36 -1.57 -3.97	26.13 -1.24 -4.03	26.66 -1.28 -3.83	25.34 -1.64 -1.72	27.11 -1.64 0.00	19.49 -0.80 -2.12
MORTIMER_115KV_TB3 55949	17.52 -0.51 -1.59	14.77 -0.45 -1.24	13.40 -0.37 -1.00	13.53 -0.39 -0.96	11.97 -0.31 -1.12	8.51 -0.25 -1.74	11.16 -0.38 -1.33	10.95 -0.42 -1.16	10.55 -0.38 -1.43	11.30 -0.40 -1.28	11.65 -0.38 -1.39	13.47 -0.61 -1.13	15.10 -0.71 -0.92	12.00 -0.43 -1.92	14.17 -0.52 -1.75	15.47 -0.52 -1.85	17.18 -0.77 -1.58	21.97 -0.95 -1.84	22.24 -0.86 -2.13	25.15 -0.63 -2.45	25.71 -0.72 -2.32	25.20 -1.11 -1.04	27.10 -1.64 0.00	18.73 -0.58 -1.14
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	30.84 1.58 -12.82	25.23 1.30 -9.95	21.92 1.12 -8.02	21.81 1.13 -7.72	21.15 0.96 -9.03	21.93 0.54 -14.37	22.02 0.82 -11.00	20.77 0.91 -9.66	23.25 0.86 -12.89	25.98 0.95 -14.61	27.51 0.95 -15.93	28.47 1.11 -14.41	27.58 1.30 -11.39	27.61 0.94 -16.16	29.84 1.15 -15.75	29.89 1.25 -14.49	31.96 1.41 -14.18	38.17 1.85 -15.24	40.42 1.85 -17.60	43.31 2.03 -17.95	43.19 2.05 -17.03	34.98 2.07 -7.64	31.01 2.27 0.00	28.89 1.31 -9.41
MUNSVILLE_WIND_PWR 323609	21.42 0.85 -4.13	17.86 0.67 -3.20	15.93 0.58 -2.58	16.09 0.64 -2.49	14.79 0.59 -3.04	12.33 0.33 -4.98	14.47 0.45 -3.82	13.97 0.44 -3.33	13.45 0.29 -3.65	14.03 0.35 -3.25	14.56 0.37 -3.55	16.19 0.36 -2.88	19.29 0.42 -3.98	15.89 0.35 -5.03	17.96 0.43 -4.59	19.79 0.49 -5.15	22.21 0.59 -5.25	28.07 0.91 -6.09	28.12 1.05 -6.11	30.92 1.38 -6.21	31.57 1.57 -5.89	29.30 1.39 -2.64	30.15 1.41 0.00	22.36 0.93 -3.26
N SALMON___HYD 24042	15.85 -0.59 0.00	13.52 -0.46 0.00	12.38 -0.40 0.00	12.60 -0.36 0.00	10.84 -0.32 0.00	6.84 -0.18 0.00	10.00 -0.20 0.00	10.02 -0.18 0.00	9.35 -0.15 0.00	10.20 -0.22 0.00	10.43 -0.21 0.00	12.75 -0.19 0.00	14.67 -0.22 0.00	10.31 -0.20 0.00	12.68 -0.26 0.00	13.80 -0.35 0.00	15.98 -0.39 0.00	20.40 -0.68 0.00	20.28 -0.69 0.00	22.42 -0.91 0.00	23.22 -0.89 0.00	24.38 -0.88 0.00	27.74 -1.01 0.00	17.52 -0.65 0.00
N.AKRON__115KV_KNAPP 355671	17.42 -0.92 -1.90	14.68 -0.78 -1.48	13.32 -0.65 -1.19	13.44 -0.67 -1.15	11.95 -0.56 -1.34	8.77 -0.36 -2.11	11.26 -0.56 -1.62	10.95 -0.66 -1.41	10.59 -0.61 -1.70	11.29 -0.65 -1.51	11.63 -0.66 -1.65	13.27 -1.02 -1.34	13.70 -1.06 0.14	12.06 -0.77 -2.31	14.12 -0.93 -2.11	15.20 -0.95 -2.00	16.29 -1.10 -1.02	19.32 -1.33 0.43	22.16 -1.40 -2.59	25.16 -1.07 -2.91	25.66 -1.21 -2.76	24.76 -1.74 -1.24	26.56 -2.18 0.00	18.72 -0.84 -1.38
N.E_GEN_SANDY PD 24062	33.00 0.74 -15.82	34.30 0.64 -19.67	29.30 0.59 -15.94	27.60 0.60 -14.04	27.80 0.52 -16.11	31.10 0.29 -23.79	31.10 0.41 -20.49	30.96 0.40 -20.36	26.50 0.37 -16.63	26.60 0.41 -15.77	25.60 0.43 -14.54	25.10 0.50 -11.65	27.50 0.55 -12.05	28.72 0.38 -17.83	29.65 0.45 -16.26	32.52 0.51 -17.86	37.74 0.64 -20.73	44.89 0.80 -23.01	52.80 0.84 -30.99	52.50 0.96 -28.21	52.10 0.99 -27.00	46.50 1.01 -20.22	39.40 1.09 -9.56	33.50 0.73 -14.60
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	30.21 1.38 -12.39	24.73 1.13 -9.62	21.50 0.97 -7.76	21.41 0.97 -7.47	20.73 0.84 -8.73	21.40 0.47 -13.91	21.55 0.69 -10.65	20.28 0.78 -9.30	20.37 0.72 -10.14	20.27 0.80 -9.05	21.31 0.79 -9.88	21.89 0.93 -8.01	25.45 1.09 -9.46	25.34 0.79 -14.04	26.73 0.98 -12.80	29.28 1.06 -14.07	31.35 1.21 -13.77	37.43 1.60 -14.75	39.60 1.59 -17.04	42.48 1.77 -17.38	42.40 1.81 -16.48	34.46 1.79 -7.40	30.70 1.95 0.00	28.42 1.14 -9.10
N.QUEENS_27_KV_LOAD 356247	30.84 1.58 -12.82	25.19 1.26 -9.94	21.90 1.11 -8.02	21.79 1.10 -7.72	21.12 0.94 -9.03	21.91 0.52 -14.37	22.01 0.81 -11.00	20.81 0.97 -9.63	22.59 0.89 -12.19	24.53 1.00 -13.11	25.91 0.99 -14.28	26.76 1.17 -12.64	27.17 1.36 -10.92	27.17 0.99 -15.67	29.15 1.20 -15.01	29.94 1.30 -14.49	31.98 1.42 -14.18	38.21 1.90 -15.24	40.35 1.78 -17.60	43.17 1.89 -17.95	43.07 1.93 -17.03	34.83 1.92 -7.64	30.84 2.10 0.00	28.76 1.18 -9.41
N.TROY___115KV_TB1 355778	33.65 0.67 -16.53	27.39 0.57 -12.83	23.65 0.52 -10.35	23.46 0.53 -9.97	23.28 0.47 -11.65	25.80 0.25 -18.53	24.74 0.36 -14.18	22.92 0.34 -12.38	23.31 0.31 -13.50	22.82 0.35 -12.04	24.16 0.37 -13.15	24.04 0.44 -10.65	27.99 0.51 -12.59	29.49 0.35 -18.63	30.35 0.43 -16.99	33.31 0.50 -18.66	35.21 0.57 -18.27	41.46 0.74 -19.65	44.42 0.75 -22.70	47.36 0.91 -23.12	46.98 0.94 -21.93	36.05 0.93 -9.85	29.78 1.03 0.00	30.95 0.65 -12.13
NARROWS_GT1_1 24228	31.01 1.74 -12.83	25.37 1.44 -9.95	22.06 1.25 -8.03	21.95 1.26 -7.73	21.29 1.07 -9.05	22.02 0.59 -14.41	22.12 0.89 -11.03	20.84 0.96 -9.67	22.96 0.87 -12.58	25.33 0.98 -13.93	26.80 0.98 -15.19	27.73 1.17 -13.61	27.43 1.36 -11.18	27.45 0.99 -15.94	35.55 1.22 -21.40	30.02 1.36 -14.51	32.10 1.52 -14.20	38.34 1.96 -15.30	40.62 1.95 -17.70	43.45 2.17 -17.95	43.40 2.27 -17.03	35.22 2.30 -7.65	31.17 2.41 -0.01	29.02 1.42 -9.43
NARROWS_GT1_2 24229	31.01 1.74 -12.83	25.37 1.44 -9.95	22.06 1.25 -8.03	21.95 1.26 -7.73	21.29 1.07 -9.05	22.02 0.59 -14.41	22.12 0.89 -11.03	20.84 0.96 -9.67	22.96 0.87 -12.58	25.33 0.98 -13.93	26.80 0.98 -15.19	27.73 1.17 -13.61	27.43 1.36 -11.18	27.45 0.99 -15.94	35.55 1.22 -21.40	30.02 1.36 -14.51	32.10 1.52 -14.20	38.34 1.96 -15.30	40.62 1.95 -17.70	43.45 2.17 -17.95	43.40 2.27 -17.03	35.22 2.30 -7.65	31.17 2.41 -0.01	29.02 1.42 -9.43
NARROWS_GT1_3 24230	31.01 1.74 -12.83	25.37 1.44 -9.95	22.06 1.25 -8.03	21.95 1.26 -7.73	21.29 1.07 -9.05	22.02 0.59 -14.41	22.12 0.89 -11.03	20.84 0.96 -9.67	22.96 0.87 -12.58	25.33 0.98 -13.93	26.80 0.98 -15.19	27.73 1.17 -13.61	27.43 1.36 -11.18	27.45 0.99 -15.94	35.55 1.22 -21.40	30.02 1.36 -14.51	32.10 1.52 -14.20	38.34 1.96 -15.30	40.62 1.95 -17.70	43.45 2.17 -17.95	43.40 2.27 -17.03	35.22 2.30 -7.65	31.17 2.41 -0.01	29.02 1.42 -9.43
NARROWS_GT1_4 24231	31.01 1.74 -12.83	25.37 1.44 -9.95	22.06 1.25 -8.03	21.95 1.26 -7.73	21.29 1.07 -9.05	22.02 0.59 -14.41	22.12 0.89 -11.03	20.84 0.96 -9.67	22.96 0.87 -12.58	25.33 0.98 -13.93	26.80 0.98 -15.19	27.73 1.17 -13.61	27.43 1.36 -11.18	27.45 0.99 -15.94	35.55 1.22 -21.40	30.02 1.36 -14.51	32.10 1.52 -14.20	38.34 1.96 -15.30	40.62 1.95 -17.70	43.45 2.17 -17.95	43.40 2.27 -17.03	35.22 2.30 -7.65	31.17 2.41 -0.01	29.02 1.42 -9.43
NARROWS_GT1_5 24232	31.01 1.74 -12.83	25.37 1.44 -9.95	22.06 1.25 -8.03	21.95 1.26 -7.73	21.29 1.07 -9.05	22.02 0.59 -14.41	22.12 0.89 -11.03	20.84 0.96 -9.67	22.96 0.87 -12.58	25.33 0.98 -13.93	26.80 0.98 -15.19	27.73 1.17 -13.61	27.43 1.36 -11.18	27.45 0.99 -15.94	35.55 1.22 -21.40	30.02 1.36 -14.51	32.10 1.52 -14.20	38.34 1.96 -15.30	40.62 1.95 -17.70	43.45 2.17 -17.95	43.40 2.27 -17.03	35.22 2.30 -7.65	31.17 2.41 -0.01	29.02 1.42 -9.43

NARROWS_GT1_6 24233	31.01 1.74 -12.83	25.37 1.44 -9.95	22.06 1.25 -8.03	21.95 1.26 -7.73	21.29 1.07 -9.05	22.02 0.59 -14.41	22.12 0.89 -11.03	20.84 0.96 -9.67	22.96 0.87 -12.58	25.33 0.98 -13.93	26.80 0.98 -15.19	27.73 1.17 -13.61	27.43 1.36 -11.18	27.45 0.99 -15.94	35.55 1.22 -21.40	30.02 1.36 -14.51	32.10 1.52 -14.20	38.34 1.96 -15.30	40.62 1.95 -17.70	43.45 2.17 -17.95	43.40 2.27 -17.03	35.22 2.30 -7.65	31.17 2.41 -0.01	29.02 1.42 -9.43
NARROWS_GT1_7 24234	31.01 1.74 -12.83	25.37 1.44 -9.95	22.06 1.25 -8.03	21.95 1.26 -7.73	21.29 1.07 -9.05	22.02 0.59 -14.41	22.12 0.89 -11.03	20.84 0.96 -9.67	22.96 0.87 -12.58	25.33 0.98 -13.93	26.80 0.98 -15.19	27.73 1.17 -13.61	27.43 1.36 -11.18	27.45 0.99 -15.94	35.55 1.22 -21.40	30.02 1.36 -14.51	32.10 1.52 -14.20	38.34 1.96 -15.30	40.62 1.95 -17.70	43.45 2.17 -17.95	43.40 2.27 -17.03	35.22 2.30 -7.65	31.17 2.41 -0.01	29.02 1.42 -9.43
NARROWS_GT1_8 24235	31.01 1.74 -12.83	25.37 1.44 -9.95	22.06 1.25 -8.03	21.95 1.26 -7.73	21.29 1.07 -9.05	22.02 0.59 -14.41	22.12 0.89 -11.03	20.84 0.96 -9.67	22.96 0.87 -12.58	25.33 0.98 -13.93	26.80 0.98 -15.19	27.73 1.17 -13.61	27.43 1.36 -11.18	27.45 0.99 -15.94	35.55 1.22 -21.40	30.02 1.36 -14.51	32.10 1.52 -14.20	38.34 1.96 -15.30	40.62 1.95 -17.70	43.45 2.17 -17.95	43.40 2.27 -17.03	35.22 2.30 -7.65	31.17 2.41 -0.01	29.02 1.42 -9.43
NARROWS_GT2_1 24236	31.01 1.74 -12.83	25.37 1.44 -9.95	22.06 1.25 -8.03	21.95 1.26 -7.73	21.29 1.07 -9.05	22.02 0.59 -14.41	22.12 0.89 -11.03	20.84 0.96 -9.67	22.96 0.87 -12.58	25.33 0.98 -13.93	26.80 0.98 -15.19	27.73 1.17 -13.61	27.43 1.36 -11.18	27.45 0.99 -15.94	35.55 1.22 -21.40	30.02 1.36 -14.51	32.10 1.52 -14.20	38.34 1.96 -15.30	40.62 1.95 -17.70	43.45 2.17 -17.95	43.40 2.27 -17.03	35.22 2.30 -7.65	31.17 2.41 -0.01	29.02 1.42 -9.43
NARROWS_GT2_2 24237	31.01 1.74 -12.83	25.37 1.44 -9.95	22.06 1.25 -8.03	21.95 1.26 -7.73	21.29 1.07 -9.05	22.02 0.59 -14.41	22.12 0.89 -11.03	20.84 0.96 -9.67	22.96 0.87 -12.58	25.33 0.98 -13.93	26.80 0.98 -15.19	27.73 1.17 -13.61	27.43 1.36 -11.18	27.45 0.99 -15.94	35.55 1.22 -21.40	30.02 1.36 -14.51	32.10 1.52 -14.20	38.34 1.96 -15.30	40.62 1.95 -17.70	43.45 2.17 -17.95	43.40 2.27 -17.03	35.22 2.30 -7.65	31.17 2.41 -0.01	29.02 1.42 -9.43
NARROWS_GT2_3 24238	31.01 1.74 -12.83	25.37 1.44 -9.95	22.06 1.25 -8.03	21.95 1.26 -7.73	21.29 1.07 -9.05	22.02 0.59 -14.41	22.12 0.89 -11.03	20.84 0.96 -9.67	22.96 0.87 -12.58	25.33 0.98 -13.93	26.80 0.98 -15.19	27.73 1.17 -13.61	27.43 1.36 -11.18	27.45 0.99 -15.94	35.55 1.22 -21.40	30.02 1.36 -14.51	32.10 1.52 -14.20	38.34 1.96 -15.30	40.62 1.95 -17.70	43.45 2.17 -17.95	43.40 2.27 -17.03	35.22 2.30 -7.65	31.17 2.41 -0.01	29.02 1.42 -9.43
NARROWS_GT2_4 24239	31.01 1.74 -12.83	25.37 1.44 -9.95	22.06 1.25 -8.03	21.95 1.26 -7.73	21.29 1.07 -9.05	22.02 0.59 -14.41	22.12 0.89 -11.03	20.84 0.96 -9.67	22.96 0.87 -12.58	25.33 0.98 -13.93	26.80 0.98 -15.19	27.73 1.17 -13.61	27.43 1.36 -11.18	27.45 0.99 -15.94	35.55 1.22 -21.40	30.02 1.36 -14.51	32.10 1.52 -14.20	38.34 1.96 -15.30	40.62 1.95 -17.70	43.45 2.17 -17.95	43.40 2.27 -17.03	35.22 2.30 -7.65	31.17 2.41 -0.01	29.02 1.42 -9.43
NARROWS_GT2_5 24240	31.01 1.74 -12.83	25.37 1.44 -9.95	22.06 1.25 -8.03	21.95 1.26 -7.73	21.29 1.07 -9.05	22.02 0.59 -14.41	22.12 0.89 -11.03	20.84 0.96 -9.67	22.96 0.87 -12.58	25.33 0.98 -13.93	26.80 0.98 -15.19	27.73 1.17 -13.61	27.43 1.36 -11.18	27.45 0.99 -15.94	35.55 1.22 -21.40	30.02 1.36 -14.51	32.10 1.52 -14.20	38.34 1.96 -15.30	40.62 1.95 -17.70	43.45 2.17 -17.95	43.40 2.27 -17.03	35.22 2.30 -7.65	31.17 2.41 -0.01	29.02 1.42 -9.43
NARROWS_GT2_6 24241	31.01 1.74 -12.83	25.37 1.44 -9.95	22.06 1.25 -8.03	21.95 1.26 -7.73	21.29 1.07 -9.05	22.02 0.59 -14.41	22.12 0.89 -11.03	20.84 0.96 -9.67	22.96 0.87 -12.58	25.33 0.98 -13.93	26.80 0.98 -15.19	27.73 1.17 -13.61	27.43 1.36 -11.18	27.45 0.99 -15.94	35.55 1.22 -21.40	30.02 1.36 -14.51	32.10 1.52 -14.20	38.34 1.96 -15.30	40.62 1.95 -17.70	43.45 2.17 -17.95	43.40 2.27 -17.03	35.22 2.30 -7.65	31.17 2.41 -0.01	29.02 1.42 -9.43
NARROWS_GT2_7 24242	31.01 1.74 -12.83	25.37 1.44 -9.95	22.06 1.25 -8.03	21.95 1.26 -7.73	21.29 1.07 -9.05	22.02 0.59 -14.41	22.12 0.89 -11.03	20.84 0.96 -9.67	22.96 0.87 -12.58	25.33 0.98 -13.93	26.80 0.98 -15.19	27.73 1.17 -13.61	27.43 1.36 -11.18	27.45 0.99 -15.94	35.55 1.22 -21.40	30.02 1.36 -14.51	32.10 1.52 -14.20	38.34 1.96 -15.30	40.62 1.95 -17.70	43.45 2.17 -17.95	43.40 2.27 -17.03	35.22 2.30 -7.65	31.17 2.41 -0.01	29.02 1.42 -9.43
NARROWS_GT2_8 24243	31.01 1.74 -12.83	25.37 1.44 -9.95	22.06 1.25 -8.03	21.95 1.26 -7.73	21.29 1.07 -9.05	22.02 0.59 -14.41	22.12 0.89 -11.03	20.84 0.96 -9.67	22.96 0.87 -12.58	25.33 0.98 -13.93	26.80 0.98 -15.19	27.73 1.17 -13.61	27.43 1.36 -11.18	27.45 0.99 -15.94	35.55 1.22 -21.40	30.02 1.36 -14.51	32.10 1.52 -14.20	38.34 1.96 -15.30	40.62 1.95 -17.70	43.45 2.17 -17.95	43.40 2.27 -17.03	35.22 2.30 -7.65	31.17 2.41 -0.01	29.02 1.42 -9.43
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	32.00 0.49 -15.07	26.12 0.45 -11.69	22.59 0.38 -9.43	22.46 0.41 -9.08	22.15 0.37 -10.62	24.08 0.18 -16.89	23.37 0.23 -12.93	21.67 0.17 -11.29	21.97 0.16 -12.31	21.56 0.16 -10.98	22.76 0.13 -11.99	22.82 0.16 -9.72	26.56 0.18 -11.48	27.63 0.13 -16.99	28.61 0.18 -15.49	31.38 0.21 -17.02	33.31 0.28 -16.66	39.37 0.38 -17.91	42.16 0.50 -20.69	45.04 0.63 -21.08	44.81 0.70 -20.00	34.90 0.66 -8.98	29.92 1.18 0.00	29.59 0.36 -11.05
NCHELSEA_115KV_TR2 355582	30.58 1.36 -12.78	25.03 1.13 -9.91	21.73 0.96 -8.00	21.64 0.97 -7.70	21.00 0.84 -9.00	21.82 0.46 -14.34	21.86 0.68 -10.98	20.53 0.74 -9.58	20.66 0.70 -10.45	20.53 0.78 -9.33	21.57 0.74 -10.19	22.09 0.89 -8.25	25.69 1.04 -9.75	25.70 0.76 -14.43	27.04 0.94 -13.16	29.63 1.02 -14.46	31.72 1.20 -14.15	37.84 1.56 -15.20	40.13 1.59 -17.56	43.01 1.77 -17.91	42.93 1.83 -16.99	34.68 1.79 -7.63	30.73 1.98 0.00	28.70 1.14 -9.38
NEG CAPITAL___MECHNVIL 23645	34.01 0.87 -16.70	27.68 0.74 -12.96	23.87 0.64 -10.46	23.70 0.66 -10.07	23.53 0.58 -11.79	26.09 0.32 -18.75	25.00 0.45 -14.35	23.17 0.44 -12.53	23.54 0.40 -13.64	23.04 0.45 -12.16	24.40 0.48 -13.29	24.28 0.57 -10.76	28.27 0.65 -12.72	29.80 0.47 -18.82	30.71 0.61 -17.16	33.70 0.69 -18.85	35.61 0.79 -18.45	41.99 1.03 -19.88	45.00 1.07 -22.96	47.97 1.28 -23.36	47.57 1.30 -22.16	36.52 1.31 -9.95	30.15 1.41 0.00	31.35 0.91 -12.27
NEG CENTRAL_HIGH_ACRES 23767	17.29 -0.67 -1.53	14.57 -0.60 -1.18	13.22 -0.51 -0.96	13.35 -0.53 -0.92	11.76 -0.46 -1.06	8.59 -0.34 -1.91	11.16 -0.51 -1.46	10.94 -0.54 -1.28	10.33 -0.50 -1.33	11.09 -0.52 -1.19	11.43 -0.51 -1.30	13.27 -0.72 -1.05	14.91 -0.85 -0.87	11.82 -0.54 -1.84	13.97 -0.65 -1.68	15.26 -0.66 -1.77	17.35 -0.90 -1.88	21.96 -1.14 -2.02	22.26 -1.05 -2.34	24.80 -0.91 -2.38	25.35 -1.01 -2.26	24.94 -1.34 -1.01	26.99 -1.75 0.00	18.61 -0.82 -1.25

NEG CENTRAL___DRP 24199	17.91 -0.16 -1.63	15.08 -0.17 -1.27	13.63 -0.17 -1.02	13.77 -0.18 -0.98	12.17 -0.15 -1.15	8.75 -0.16 -1.89	11.41 -0.24 -1.45	11.19 -0.28 -1.26	10.85 -0.21 -1.56	11.60 -0.21 -1.39	11.92 -0.23 -1.52	13.83 -0.35 -1.23	17.74 -0.42 -3.26	12.72 -0.25 -2.46	14.89 -0.30 -2.24	16.65 -0.30 -2.80	19.65 -0.44 -3.72	23.92 -0.55 -3.39	22.87 -0.42 -2.32	25.78 -0.21 -2.66	26.40 -0.24 -2.53	25.92 -0.48 -1.13	28.00 -0.75 0.00	19.12 -0.29 -1.24
NEG CENTRAL___INDECK 23768	18.42 -0.30 -2.28	15.46 -0.29 -1.77	13.96 -0.24 -1.43	14.08 -0.26 -1.37	12.57 -0.22 -1.63	9.64 -0.18 -2.80	12.08 -0.27 -2.14	11.73 -0.35 -1.87	11.16 -0.39 -2.05	11.79 -0.46 -1.83	12.13 -0.50 -2.00	13.79 -0.78 -1.62	24.67 -0.94 -10.71	12.73 -0.61 -2.83	14.82 -0.70 -2.58	17.90 -0.71 -4.46	24.60 -0.87 -9.09	37.62 -0.97 -17.51	23.75 -0.65 -3.43	26.68 -0.14 -3.49	27.30 -0.12 -3.31	26.25 -0.51 -1.49	28.05 -0.69 0.00	19.82 -0.18 -1.83
NEG CENTRAL___SENECA 23627	18.11 -0.20 -1.86	15.23 -0.20 -1.45	13.76 -0.18 -1.17	13.89 -0.19 -1.12	12.32 -0.16 -1.31	8.99 -0.15 -2.13	11.60 -0.23 -1.63	11.36 -0.27 -1.42	11.05 -0.17 -1.71	11.76 -0.19 -1.53	12.08 -0.22 -1.67	13.96 -0.34 -1.35	18.99 -0.42 -4.52	13.14 -0.25 -2.88	15.27 -0.30 -2.62	17.29 -0.28 -3.42	20.83 -0.47 -4.93	24.95 -0.57 -4.44	23.17 -0.40 -2.60	26.10 -0.16 -2.94	26.70 -0.19 -2.79	26.06 -0.45 -1.25	28.00 -0.75 0.00	19.33 -0.24 -1.39
NEG CENTRAL___STATE_STREET 24147	17.95 -0.07 -1.57	15.13 -0.07 -1.22	13.68 -0.08 -0.98	13.82 -0.09 -0.95	12.19 -0.08 -1.11	8.74 -0.13 -1.86	11.42 -0.20 -1.42	11.23 -0.21 -1.24	10.85 -0.19 -1.54	11.62 -0.18 -1.37	11.96 -0.18 -1.50	13.90 -0.26 -1.21	16.61 -0.31 -2.03	12.53 -0.19 -2.20	14.73 -0.22 -2.01	16.25 -0.21 -2.32	18.67 -0.29 -2.59	23.26 -0.36 -2.54	23.00 -0.25 -2.28	25.87 -0.09 -2.63	26.49 -0.12 -2.50	26.08 -0.30 -1.12	28.14 -0.60 0.00	19.17 -0.22 -1.22
NEG MILLWOOD___DRP 24198	30.83 1.46 -12.92	25.21 1.20 -10.03	21.89 1.02 -8.09	21.78 1.02 -7.79	21.16 0.89 -9.11	22.02 0.50 -14.50	22.02 0.71 -11.10	20.69 0.80 -9.69	20.84 0.76 -10.57	20.70 0.84 -9.43	21.76 0.82 -10.30	22.28 0.98 -8.35	25.91 1.15 -9.87	25.95 0.84 -14.59	27.30 1.05 -13.31	29.90 1.13 -14.62	31.99 1.31 -14.31	38.16 1.71 -15.38	40.45 1.72 -17.76	43.36 1.91 -18.11	43.32 2.03 -17.18	34.97 2.00 -7.71	30.90 2.16 0.00	28.90 1.24 -9.49
NEG NORTH_FLCN_SEA 23793	15.93 -0.51 0.00	13.62 -0.36 0.00	12.49 -0.28 0.00	12.72 -0.25 0.00	10.94 -0.22 0.00	6.91 -0.11 0.00	10.09 -0.11 0.00	10.11 -0.09 0.00	9.44 -0.07 0.00	10.31 -0.11 0.00	10.53 -0.11 0.00	12.88 -0.06 0.00	14.82 -0.07 0.00	10.42 -0.09 0.00	12.82 -0.12 0.00	13.97 -0.18 0.00	16.14 -0.23 0.00	20.61 -0.46 0.00	20.45 -0.52 0.00	22.56 -0.77 0.00	23.29 -0.82 0.00	24.48 -0.78 0.00	27.88 -0.86 0.00	17.61 -0.56 0.00
NEG NORTH_KES_CHATEGAY 23792	15.78 -0.66 0.00	13.48 -0.50 0.00	12.37 -0.41 0.00	12.57 -0.39 0.00	10.83 -0.33 0.00	6.84 -0.18 0.00	9.98 -0.22 0.00	10.00 -0.20 0.00	9.32 -0.18 0.00	10.18 -0.24 0.00	10.40 -0.23 0.00	12.72 -0.23 0.00	14.63 -0.27 0.00	10.28 -0.23 0.00	12.66 -0.28 0.00	13.78 -0.37 0.00	15.93 -0.44 0.00	20.38 -0.70 0.00	20.24 -0.73 0.00	22.35 -0.98 0.00	23.10 -1.01 0.00	24.30 -0.96 0.00	27.71 -1.03 0.00	17.48 -0.69 0.00
NEG NORTH___ALICE_FALLS 23915	15.96 -0.48 0.00	13.63 -0.35 0.00	12.49 -0.28 0.00	12.72 -0.25 0.00	10.94 -0.22 0.00	6.91 -0.11 0.00	10.09 -0.11 0.00	10.12 -0.08 0.00	9.45 -0.06 0.00	10.32 -0.10 0.00	10.54 -0.10 0.00	12.90 -0.05 0.00	14.84 -0.06 0.00	10.43 -0.08 0.00	12.82 -0.12 0.00	13.97 -0.18 0.00	16.16 -0.21 0.00	20.61 -0.46 0.00	20.47 -0.50 0.00	22.58 -0.75 0.00	23.34 -0.77 0.00	24.51 -0.76 0.00	27.91 -0.83 0.00	17.63 -0.55 0.00
NEG NORTH___LWR_SARANAC 23913	15.96 -0.48 0.00	13.63 -0.35 0.00	12.49 -0.28 0.00	12.72 -0.25 0.00	10.94 -0.22 0.00	6.91 -0.11 0.00	10.09 -0.11 0.00	10.12 -0.08 0.00	9.45 -0.06 0.00	10.32 -0.10 0.00	10.54 -0.10 0.00	12.90 -0.05 0.00	14.84 -0.06 0.00	10.43 -0.08 0.00	12.82 -0.12 0.00	13.97 -0.18 0.00	16.16 -0.21 0.00	20.61 -0.46 0.00	20.47 -0.50 0.00	22.58 -0.75 0.00	23.34 -0.77 0.00	24.51 -0.76 0.00	27.91 -0.83 0.00	17.63 -0.55 0.00
NEG NORTH___PLATTSBURG 23628	15.96 -0.48 0.00	13.63 -0.35 0.00	12.49 -0.28 0.00	12.72 -0.25 0.00	10.94 -0.22 0.00	6.91 -0.11 0.00	10.09 -0.11 0.00	10.12 -0.08 0.00	9.45 -0.06 0.00	10.32 -0.10 0.00	10.54 -0.10 0.00	12.90 -0.05 0.00	14.84 -0.06 0.00	10.43 -0.08 0.00	12.82 -0.12 0.00	13.95 -0.20 0.00	16.16 -0.21 0.00	20.61 -0.46 0.00	20.45 -0.52 0.00	22.58 -0.75 0.00	23.34 -0.77 0.00	24.51 -0.76 0.00	27.91 -0.83 0.00	17.63 -0.54 0.00
NEG WEST_LEA_LOCKPORT 23791	17.15 -1.27 -1.98	14.46 -1.06 -1.53	13.11 -0.91 -1.24	13.22 -0.93 -1.19	11.79 -0.77 -1.39	8.73 -0.49 -2.21	11.14 -0.76 -1.69	10.81 -0.87 -1.47	10.48 -0.79 -1.76	11.16 -0.83 -1.57	11.47 -0.88 -1.72	13.06 -1.28 -1.39	13.07 -1.36 0.47	11.94 -0.98 -2.40	13.93 -1.20 -2.19	14.94 -1.23 -2.02	15.76 -1.44 -0.83	18.28 -1.79 1.00	21.78 -1.89 -2.70	24.72 -1.63 -3.02	25.17 -1.81 -2.86	24.18 -2.37 -1.29	25.93 -2.82 0.00	18.44 -1.18 -1.44
NEG WEST___LANCASTER 23811	17.23 -1.53 -2.32	14.50 -1.29 -1.80	13.09 -1.14 -1.45	13.20 -1.17 -1.40	11.83 -0.97 -1.64	9.02 -0.62 -2.63	11.27 -0.95 -2.01	10.93 -1.03 -1.76	10.64 -0.93 -2.06	11.26 -1.00 -1.84	11.61 -1.04 -2.01	13.13 -1.45 -1.63	13.05 -1.67 0.17	12.23 -1.11 -2.83	14.15 -1.37 -2.58	15.16 -1.44 -2.45	15.90 -1.74 -1.26	18.29 -2.17 0.62	22.11 -2.08 -3.22	24.97 -1.89 -3.53	25.44 -2.03 -3.35	24.24 -2.53 -1.50	26.79 -1.95 0.00	18.51 -1.38 -1.72
NEG_PENN_ALLEGHNY 23528	20.76 0.02 -4.31	17.33 0.00 -3.34	15.47 0.00 -2.70	15.55 -0.01 -2.60	14.36 0.01 -3.19	12.20 -0.04 -5.22	14.13 -0.07 -4.00	13.60 -0.09 -3.49	13.24 -0.08 -3.81	13.76 -0.06 -3.40	14.27 -0.09 -3.71	15.80 -0.15 -3.01	18.65 -0.18 -3.93	15.69 -0.08 -5.26	17.63 -0.10 -4.80	19.41 -0.08 -5.34	21.40 -0.11 -5.14	26.47 -0.15 -5.53	27.30 -0.06 -6.39	29.93 0.09 -6.50	30.35 0.07 -6.17	27.93 -0.10 -2.77	28.63 -0.11 0.00	21.59 0.00 -3.42
NEG___GEN_MONROE 24207	17.49 -0.56 -1.61	14.76 -0.48 -1.25	13.39 -0.40 -1.01	13.53 -0.40 -0.97	11.97 -0.32 -1.13	8.53 -0.24 -1.76	11.17 -0.38 -1.34	10.93 -0.45 -1.17	10.51 -0.44 -1.44	11.24 -0.47 -1.29	11.57 -0.48 -1.41	13.35 -0.74 -1.14	14.90 -0.86 -0.86	11.90 -0.56 -1.94	14.02 -0.69 -1.77	15.31 -0.69 -1.85	16.99 -0.93 -1.55	21.82 -1.12 -1.86	22.09 -1.03 -2.15	25.05 -0.75 -2.47	25.61 -0.84 -2.35	25.08 -1.24 -1.05	27.02 -1.72 0.00	18.70 -0.62 -1.15
NEPA___ENERGY 23901	17.74 -1.04 -2.34	14.93 -0.87 -1.82	13.49 -0.75 -1.47	13.61 -0.76 -1.41	12.18 -0.64 -1.65	9.26 -0.41 -2.65	11.60 -0.63 -2.03	11.26 -0.71 -1.77	10.95 -0.64 -2.08	11.60 -0.68 -1.86	11.94 -0.72 -2.03	13.53 -1.06 -1.64	13.30 -1.22 0.37	12.58 -0.80 -2.86	14.57 -0.98 -2.61	15.58 -1.00 -2.44	16.27 -1.23 -1.13	18.60 -1.52 0.96	22.81 -1.40 -3.25	25.75 -1.14 -3.57	26.26 -1.23 -3.38	25.12 -1.67 -1.52	27.10 -1.64 0.00	19.16 -0.75 -1.74

NEVERSINK___HYD 23608	29.28 1.28 -11.55	24.01 1.06 -8.97	20.89 0.88 -7.23	20.84 0.91 -6.97	20.12 0.78 -8.17	20.47 0.44 -13.01	20.80 0.63 -9.96	19.61 0.70 -8.70	19.62 0.65 -9.47	19.58 0.71 -8.45	20.53 0.67 -9.22	21.23 0.80 -7.47	24.68 0.95 -8.83	24.27 0.69 -13.06	25.72 0.87 -11.91	28.17 0.93 -13.09	30.26 1.08 -12.81	36.33 1.45 -13.80	38.42 1.51 -15.94	41.22 1.68 -16.21	41.27 1.78 -15.38	33.91 1.74 -6.90	30.56 1.81 0.00	27.74 1.05 -8.52
NEWKRMKL_115KV_TB1 55635	33.22 0.41 -16.37	27.07 0.39 -12.70	23.43 0.41 -10.25	23.26 0.43 -9.87	23.07 0.37 -11.54	25.55 0.19 -18.34	24.51 0.27 -14.04	22.66 0.19 -12.26	23.05 0.18 -13.36	22.54 0.20 -11.92	23.88 0.22 -13.02	23.76 0.26 -10.55	27.66 0.30 -12.47	29.16 0.21 -18.44	30.01 0.26 -16.81	32.92 0.30 -18.48	34.80 0.34 -18.08	40.89 0.36 -19.45	43.81 0.38 -22.47	46.68 0.47 -22.89	46.31 0.48 -21.71	35.54 0.53 -9.75	29.32 0.57 0.00	30.54 0.36 -12.00
NEWTON___FALLS_HYD 23847	16.20 -0.58 -0.34	13.76 -0.49 -0.26	12.53 -0.46 -0.21	12.73 -0.44 -0.20	11.02 -0.38 -0.24	7.19 -0.25 -0.42	10.17 -0.36 -0.32	10.11 -0.37 -0.28	9.48 -0.39 -0.36	10.29 -0.46 -0.32	10.53 -0.46 -0.35	12.69 -0.54 -0.29	14.61 -0.63 -0.34	10.56 -0.46 -0.50	12.83 -0.57 -0.46	14.02 -0.64 -0.50	16.20 -0.67 -0.49	20.68 -0.84 -0.44	20.75 -0.73 -0.51	23.16 -0.79 -0.62	24.00 -0.70 -0.59	24.80 -0.73 -0.26	27.82 -0.92 0.00	17.85 -0.60 -0.27
NGRID_A1_DSASP 323792	17.12 -1.33 -2.01	14.47 -1.08 -1.56	13.13 -0.91 -1.26	13.24 -0.93 -1.21	11.82 -0.76 -1.41	8.99 -0.49 -2.46	11.33 -0.75 -1.88	10.93 -0.92 -1.65	10.45 -0.83 -1.77	11.14 -0.87 -1.58	11.44 -0.93 -1.73	13.01 -1.33 -1.40	13.02 -1.42 0.45	11.94 -1.02 -2.45	13.92 -1.26 -2.23	14.94 -1.27 -2.06	15.81 -1.52 -0.96	18.44 -1.90 0.74	21.93 -2.05 -3.02	24.51 -1.89 -3.07	24.90 -2.12 -2.91	23.92 -2.65 -1.31	25.81 -2.93 0.00	18.48 -1.31 -1.61
NGRID_A2_DSASP 323793	17.12 -1.33 -2.01	14.47 -1.08 -1.56	13.13 -0.91 -1.26	13.24 -0.93 -1.21	11.82 -0.76 -1.41	8.99 -0.49 -2.46	11.33 -0.75 -1.88	10.93 -0.92 -1.65	10.45 -0.83 -1.77	11.14 -0.87 -1.58	11.44 -0.93 -1.73	13.01 -1.33 -1.40	13.02 -1.42 0.45	11.94 -1.02 -2.45	13.92 -1.26 -2.23	14.94 -1.27 -2.06	15.81 -1.52 -0.96	18.44 -1.90 0.74	21.93 -2.05 -3.02	24.51 -1.89 -3.07	24.90 -2.12 -2.91	23.92 -2.65 -1.31	25.81 -2.93 0.00	18.48 -1.31 -1.61
NGRID_A4_DSASP 323807	17.12 -1.33 -2.01	14.47 -1.08 -1.56	13.13 -0.91 -1.26	13.24 -0.93 -1.21	11.82 -0.76 -1.41	8.99 -0.49 -2.46	11.33 -0.75 -1.88	10.93 -0.92 -1.65	10.45 -0.83 -1.77	11.14 -0.87 -1.58	11.44 -0.93 -1.73	13.01 -1.33 -1.40	13.02 -1.42 0.45	11.94 -1.02 -2.45	13.92 -1.26 -2.23	14.94 -1.27 -2.06	15.81 -1.52 -0.96	18.44 -1.90 0.74	21.93 -2.05 -3.02	24.51 -1.89 -3.07	24.90 -2.12 -2.91	23.92 -2.65 -1.31	25.81 -2.93 0.00	18.48 -1.31 -1.61
NIAGARA_115E_LBMP 323715	16.96 -1.50 -2.01	14.29 -1.26 -1.56	12.96 -1.07 -1.26	13.08 -1.10 -1.21	11.68 -0.90 -1.42	8.91 -0.58 -2.47	11.21 -0.88 -1.89	10.84 -1.01 -1.65	10.37 -0.91 -1.77	11.04 -0.97 -1.58	11.35 -1.02 -1.73	12.90 -1.45 -1.40	13.02 -1.43 0.44	11.85 -1.11 -2.45	13.80 -1.37 -2.23	14.83 -1.39 -2.07	15.82 -1.52 -0.97	18.46 -1.90 0.72	21.79 -2.20 -3.02	24.35 -2.05 -3.07	24.76 -2.27 -2.92	23.79 -2.78 -1.31	25.70 -3.05 0.00	18.37 -1.42 -1.61
NIAGARA_115W_LBMP 323714	17.08 -1.36 -2.01	14.44 -1.10 -1.56	13.10 -0.93 -1.26	13.21 -0.96 -1.21	11.79 -0.78 -1.41	8.98 -0.50 -2.46	11.32 -0.77 -1.88	10.90 -0.95 -1.64	10.42 -0.86 -1.77	11.10 -0.90 -1.58	11.40 -0.96 -1.72	12.98 -1.36 -1.40	13.02 -1.43 0.44	11.90 -1.05 -2.44	13.87 -1.29 -2.22	14.91 -1.30 -2.06	15.80 -1.54 -0.97	18.44 -1.92 0.72	21.86 -2.12 -3.01	24.43 -1.96 -3.06	24.82 -2.19 -2.90	23.87 -2.70 -1.30	25.73 -3.02 0.00	18.42 -1.36 -1.61
NIAGARA_230_LBMP 323716	17.15 -1.27 -1.98	14.47 -1.05 -1.54	13.12 -0.89 -1.24	13.25 -0.91 -1.19	11.80 -0.75 -1.39	8.96 -0.48 -2.42	11.32 -0.73 -1.85	10.98 -0.85 -1.62	10.49 -0.76 -1.74	11.18 -0.80 -1.55	11.47 -0.86 -1.70	13.08 -1.24 -1.38	13.09 -1.43 0.37	11.97 -0.95 -2.40	13.97 -1.16 -2.19	15.00 -1.19 -2.04	15.82 -1.56 -1.00	18.57 -1.92 0.59	22.05 -1.89 -2.97	24.64 -1.70 -3.02	25.04 -1.93 -2.86	24.10 -2.45 -1.29	26.04 -2.70 0.00	18.56 -1.20 -1.59
NIAGARA___115KV_198_GIBSON 55903	17.08 -1.36 -2.01	14.44 -1.10 -1.56	13.10 -0.93 -1.26	13.21 -0.96 -1.21	11.80 -0.78 -1.41	8.76 -0.50 -2.24	11.15 -0.77 -1.71	10.75 -0.95 -1.50	10.44 -0.86 -1.79	11.12 -0.90 -1.59	11.42 -0.96 -1.74	12.99 -1.37 -1.41	13.04 -1.43 0.42	11.91 -1.04 -2.44	13.87 -1.29 -2.22	14.89 -1.32 -2.06	15.71 -1.54 -0.88	18.21 -1.92 0.95	21.62 -2.10 -2.74	24.48 -1.91 -3.06	24.89 -2.12 -2.90	23.89 -2.68 -1.30	25.50 -3.25 0.00	18.28 -1.36 -1.47
NIAGARA____ 23760	17.19 -1.27 -2.01	14.50 -1.05 -1.56	13.14 -0.89 -1.26	13.27 -0.91 -1.21	11.83 -0.75 -1.42	9.00 -0.48 -2.46	11.36 -0.73 -1.89	11.00 -0.85 -1.65	10.52 -0.76 -1.77	11.20 -0.80 -1.58	11.50 -0.86 -1.73	13.10 -1.24 -1.40	13.09 -1.43 0.37	12.01 -0.95 -2.45	14.01 -1.16 -2.23	15.02 -1.19 -2.06	15.82 -1.56 -1.00	18.57 -1.92 0.59	22.09 -1.89 -3.00	24.68 -1.70 -3.06	25.08 -1.93 -2.90	24.12 -2.45 -1.30	26.04 -2.70 0.00	18.58 -1.20 -1.61
NINE_MILE_1 23575	16.80 -0.39 -0.75	14.22 -0.35 -0.59	12.93 -0.32 -0.47	13.08 -0.34 -0.45	11.48 -0.29 -0.61	8.02 -0.29 -1.29	10.78 -0.42 -0.99	10.64 -0.43 -0.87	10.04 -0.40 -0.94	10.84 -0.42 -0.84	11.13 -0.43 -0.92	13.13 -0.56 -0.74	15.13 -0.64 -0.88	11.39 -0.42 -1.30	13.60 -0.52 -1.18	14.90 -0.55 -1.30	16.97 -0.67 -1.27	21.59 -0.87 -1.37	21.74 -0.82 -1.59	24.15 -0.79 -1.61	24.79 -0.84 -1.53	24.96 -0.99 -0.69	27.54 -1.21 0.00	18.35 -0.67 -0.85
NINE_MILE_2 23744	16.80 -0.39 -0.75	14.22 -0.35 -0.58	12.93 -0.32 -0.47	13.08 -0.34 -0.45	11.47 -0.29 -0.60	8.01 -0.29 -1.28	10.76 -0.42 -0.98	10.63 -0.43 -0.86	10.03 -0.40 -0.93	10.83 -0.42 -0.83	11.12 -0.43 -0.90	13.14 -0.54 -0.73	15.14 -0.63 -0.87	11.38 -0.42 -1.28	13.59 -0.52 -1.17	14.88 -0.55 -1.28	16.96 -0.67 -1.26	21.57 -0.87 -1.36	21.72 -0.82 -1.57	24.13 -0.79 -1.59	24.77 -0.84 -1.51	24.96 -0.99 -0.68	27.54 -1.21 0.00	18.34 -0.67 -0.84
NM_CAPITAL___DRP 24208	33.23 0.46 -16.33	27.08 0.42 -12.67	23.44 0.43 -10.23	23.25 0.44 -9.85	23.05 0.38 -11.51	25.52 0.20 -18.31	24.49 0.28 -14.01	22.66 0.22 -12.23	23.05 0.21 -13.33	22.55 0.23 -11.90	23.88 0.24 -12.99	23.76 0.28 -10.53	27.66 0.33 -12.44	29.15 0.23 -18.40	30.01 0.28 -16.78	32.91 0.33 -18.44	34.80 0.38 -18.05	40.91 0.42 -19.41	43.83 0.44 -22.42	46.71 0.54 -22.84	46.31 0.53 -21.67	35.57 0.58 -9.73	29.38 0.63 0.00	30.57 0.42 -11.98
NM_CENTRAL___DRP 24181	17.60 -0.03 -1.20	14.86 -0.06 -0.93	13.46 -0.06 -0.75	13.61 -0.08 -0.72	11.95 -0.06 -0.84	8.43 -0.13 -1.54	11.20 -0.18 -1.18	11.04 -0.19 -1.03	10.61 -0.18 -1.29	11.40 -0.18 -1.15	11.73 -0.17 -1.26	13.72 -0.25 -1.02	15.82 -0.28 -1.20	12.15 -0.16 -1.80	14.40 -0.18 -1.64	15.76 -0.18 -1.80	17.87 -0.26 -1.76	22.37 -0.34 -1.63	22.60 -0.25 -1.88	25.40 -0.14 -2.21	26.04 -0.17 -2.10	25.88 -0.33 -0.94	28.20 -0.55 0.00	18.96 -0.22 -1.01

NM_FRONTIER___DRP 24179	17.08 -1.36 -2.01	14.44 -1.10 -1.56	13.10 -0.93 -1.26	13.21 -0.96 -1.21	11.80 -0.78 -1.41	8.76 -0.50 -2.24	11.15 -0.77 -1.71	10.75 -0.95 -1.50	10.44 -0.86 -1.79	11.12 -0.90 -1.59	11.42 -0.96 -1.74	12.99 -1.37 -1.41	13.04 -1.43 0.42	11.91 -1.04 -2.44	13.87 -1.29 -2.22	14.89 -1.32 -2.06	15.71 -1.54 -0.88	18.21 -1.92 0.95	21.62 -2.10 -2.74	24.48 -1.91 -3.06	24.89 -2.12 -2.90	23.89 -2.68 -1.30	25.50 -3.25 0.00	18.28 -1.36 -1.47
NM_ST_REGIS___HYD 24053	15.65 -0.79 0.00	13.34 -0.64 0.00	12.20 -0.57 0.00	12.41 -0.56 0.00	10.67 -0.49 0.00	6.72 -0.29 0.00	9.81 -0.40 0.00	9.82 -0.39 0.00	9.31 -0.37 -0.18	10.13 -0.45 -0.16	10.36 -0.45 -0.17	12.60 -0.49 -0.14	14.49 -0.57 -0.17	10.32 -0.44 -0.25	12.61 -0.56 -0.22	13.75 -0.65 -0.25	15.91 -0.70 -0.24	20.09 -0.99 0.00	20.01 -0.96 0.00	22.42 -1.21 -0.30	23.22 -1.18 -0.29	24.26 -1.14 -0.13	27.48 -1.26 0.00	17.32 -0.85 0.00
NORTHPORT___1 23551	42.89 1.91 -24.54	41.71 1.48 -26.25	41.79 1.30 -27.71	40.83 1.32 -26.54	31.06 1.15 -18.74	24.99 0.67 -17.30	26.27 0.98 -15.08	20.91 1.06 -9.64	25.70 0.99 -15.20	26.00 1.07 -14.51	27.48 1.02 -15.82	32.33 1.19 -18.20	37.43 1.34 -21.20	37.45 1.00 -25.94	40.82 1.22 -26.66	44.43 1.25 -29.04	46.33 1.33 -28.63	52.60 1.73 -29.80	49.83 1.76 -27.10	58.14 1.96 -32.85	61.98 2.03 -35.85	46.39 1.95 -19.18	45.07 2.24 -14.08	39.10 1.51 -19.41
NORTHPORT___2 23552	42.89 1.91 -24.54	41.71 1.48 -26.25	41.79 1.30 -27.71	40.83 1.32 -26.54	31.06 1.15 -18.74	24.99 0.67 -17.30	26.27 0.98 -15.08	20.91 1.06 -9.64	25.70 0.99 -15.20	26.00 1.07 -14.51	27.48 1.02 -15.82	32.33 1.19 -18.20	37.43 1.34 -21.20	37.45 1.00 -25.94	40.82 1.22 -26.66	44.43 1.25 -29.04	46.33 1.33 -28.63	52.60 1.73 -29.80	49.83 1.76 -27.10	58.14 1.96 -32.85	61.98 2.03 -35.85	46.44 1.95 -19.23	45.07 2.24 -14.08	39.10 1.51 -19.41
NORTHPORT___3 23553	42.90 1.94 -24.52	42.03 1.52 -26.52	42.13 1.33 -28.03	41.15 1.34 -26.85	31.22 1.15 -18.90	25.03 0.67 -17.34	26.34 0.99 -15.15	20.92 1.07 -9.64	25.79 1.00 -15.28	26.11 1.09 -14.60	27.62 1.06 -15.92	32.57 1.26 -18.37	37.71 1.43 -21.39	37.71 1.06 -26.13	41.13 1.29 -26.89	44.72 1.29 -29.28	46.59 1.34 -28.87	51.19 1.77 -28.35	49.96 1.74 -27.25	58.36 1.94 -33.09	62.24 1.98 -36.15	46.61 2.15 -19.20	45.33 2.27 -14.32	39.34 1.58 -19.58
NORTHPORT___4 23650	42.90 1.94 -24.52	42.03 1.52 -26.52	42.13 1.33 -28.03	41.15 1.34 -26.85	31.22 1.15 -18.90	25.03 0.67 -17.34	26.34 0.99 -15.15	20.92 1.07 -9.64	25.79 1.00 -15.28	26.11 1.09 -14.60	27.62 1.06 -15.92	32.57 1.26 -18.37	37.71 1.43 -21.39	37.71 1.06 -26.13	41.13 1.29 -26.89	44.72 1.29 -29.28	46.59 1.34 -28.87	51.19 1.77 -28.35	49.96 1.74 -27.25	58.36 1.94 -33.09	62.24 1.98 -36.15	46.61 2.15 -19.20	45.33 2.27 -14.32	39.34 1.58 -19.58
NORTHPORT___IC 23718	42.89 1.91 -24.54	41.71 1.48 -26.25	41.79 1.30 -27.71	40.82 1.32 -26.54	31.03 1.15 -18.72	24.95 0.67 -17.26	26.24 0.98 -15.05	20.88 1.06 -9.62	25.69 0.99 -15.20	26.00 1.07 -14.50	27.48 1.02 -15.82	32.33 1.19 -18.19	37.41 1.33 -21.19	37.45 1.00 -25.94	40.82 1.22 -26.66	44.45 1.26 -29.04	46.37 1.36 -28.63	52.46 1.62 -29.76	49.78 1.76 -27.05	58.05 1.87 -32.85	61.81 1.86 -35.85	46.41 1.92 -19.23	45.18 2.36 -14.08	39.13 1.56 -19.39
NORTH___COUNTRY_ESR 323785	15.75 -0.69 0.00	13.45 -0.53 0.00	12.34 -0.43 0.00	12.55 -0.42 0.00	10.80 -0.36 0.00	6.82 -0.20 0.00	9.96 -0.24 0.00	9.98 -0.22 0.00	9.31 -0.19 0.00	10.17 -0.25 0.00	10.40 -0.23 0.00	12.72 -0.23 0.00	14.63 -0.27 0.00	10.28 -0.23 0.00	12.66 -0.28 0.00	13.77 -0.38 0.00	15.93 -0.44 0.00	20.36 -0.72 0.00	20.19 -0.78 0.00	22.30 -1.03 0.00	23.02 -1.08 0.00	24.23 -1.04 0.00	27.62 -1.12 0.00	17.45 -0.73 0.00
NPX_GEN_1385_PROXY 323591	37.00 1.86 -18.70	34.33 1.44 -18.91	32.22 1.25 -18.19	30.90 1.27 -16.67	31.06 1.15 -18.74	25.60 0.69 -17.89	26.29 1.00 -15.08	26.50 1.10 -15.19	25.70 1.00 -15.20	26.00 1.07 -14.51	27.45 0.99 -15.82	27.80 1.15 -13.70	30.10 1.30 -13.91	28.72 0.97 -17.24	29.54 1.18 -15.42	31.53 1.20 -16.18	46.28 1.28 -28.63	52.54 1.66 -29.80	49.76 1.70 -27.10	58.05 1.87 -32.85	58.70 1.93 -32.66	46.44 1.95 -19.23	44.60 2.16 -13.70	37.00 1.44 -17.39
NPX_GEN_CSC 323557	43.33 2.37 -24.52	42.34 1.85 -26.52	47.55 1.64 -33.14	41.48 1.66 -26.86	31.52 1.44 -18.91	25.22 0.85 -17.35	26.61 1.24 -15.16	21.16 1.32 -9.64	26.00 1.22 -15.28	26.34 1.32 -14.60	27.74 1.18 -15.92	32.69 1.37 -18.37	37.82 1.53 -21.39	37.79 1.15 -26.13	41.23 1.40 -26.89	44.94 1.51 -29.28	46.97 1.72 -28.88	67.92 2.30 -44.54	50.58 2.31 -27.31	59.07 2.59 -33.15	63.00 2.68 -36.21	49.26 2.65 -21.34	45.99 2.93 -14.31	39.59 1.83 -19.58
NSINS_S_GLNS_FALLS 23858	34.14 0.90 -16.80	27.77 0.76 -13.03	23.93 0.64 -10.52	23.77 0.67 -10.13	23.59 0.59 -11.84	26.16 0.32 -18.82	25.05 0.44 -14.41	23.22 0.44 -12.58	23.61 0.40 -13.71	23.09 0.44 -12.23	24.48 0.48 -13.36	24.36 0.58 -10.82	28.36 0.67 -12.79	29.91 0.47 -18.92	30.84 0.65 -17.26	33.84 0.74 -18.96	35.76 0.84 -18.56	42.15 1.12 -19.96	45.16 1.13 -23.06	48.19 1.38 -23.49	47.84 1.45 -22.28	36.71 1.44 -10.00	30.27 1.52 0.00	31.40 0.91 -12.32
NUCOR_STEEL___DRP 24197	17.93 0.00 -1.49	15.13 -0.01 -1.16	13.68 -0.03 -0.93	13.81 -0.05 -0.90	12.18 -0.03 -1.05	8.68 -0.11 -1.77	11.40 -0.16 -1.35	11.20 -0.18 -1.18	10.82 -0.16 -1.47	11.58 -0.16 -1.32	11.93 -0.15 -1.44	13.89 -0.22 -1.16	16.00 -0.27 -1.38	12.43 -0.16 -2.07	14.66 -0.17 -1.89	16.05 -0.17 -2.07	18.14 -0.26 -2.03	22.62 -0.34 -1.88	22.91 -0.23 -2.17	25.79 -0.07 -2.53	26.41 -0.10 -2.40	26.06 -0.28 -1.08	28.20 -0.55 0.00	19.15 -0.18 -1.16
NUMBER_THREE_WT_PWR 323818	16.74 -0.16 -0.46	14.19 -0.15 -0.36	12.90 -0.17 -0.29	13.10 -0.14 -0.28	11.42 -0.10 -0.36	7.61 -0.09 -0.68	10.57 -0.15 -0.52	10.51 -0.15 -0.45	9.78 -0.22 -0.50	10.62 -0.25 -0.44	10.87 -0.26 -0.49	13.01 -0.34 -0.39	14.97 -0.39 -0.46	10.94 -0.26 -0.69	13.23 -0.34 -0.63	14.49 -0.35 -0.69	16.68 -0.36 -0.67	21.44 -0.36 -0.72	21.59 -0.21 -0.83	24.06 -0.12 -0.85	24.91 0.00 -0.80	25.58 -0.05 -0.36	28.54 -0.20 0.00	18.47 -0.15 -0.44
NYISO_LBMP_REFERENCE 24008	16.44 0.00 0.00	13.98 0.00 0.00	12.78 0.00 0.00	12.96 0.00 0.00	11.16 0.00 0.00	7.02 0.00 0.00	10.20 0.00 0.00	10.20 0.00 0.00	9.50 0.00 0.00	10.42 0.00 0.00	10.64 0.00 0.00	12.95 0.00 0.00	14.89 0.00 0.00	10.51 0.00 0.00	12.94 0.00 0.00	14.15 0.00 0.00	16.37 0.00 0.00	21.08 0.00 0.00	20.97 0.00 0.00	23.33 0.00 0.00	24.11 0.00 0.00	25.26 0.00 0.00	28.74 0.00 0.00	18.17 0.00 0.00
NYPA_BRENTWD____GT 24164	43.10 2.17 -24.49	42.58 1.69 -26.91	43.79 1.49 -29.52	41.77 1.50 -27.30	31.60 1.31 -19.14	25.20 0.77 -17.41	26.57 1.12 -15.25	21.04 1.19 -9.64	26.01 1.11 -15.40	26.37 1.22 -14.73	27.86 1.16 -16.06	32.92 1.36 -18.61	38.09 1.53 -21.66	38.07 1.15 -26.41	41.55 1.40 -27.21	45.26 1.49 -29.63	47.23 1.64 -29.22	56.35 2.15 -33.12	50.64 2.18 -27.49	59.22 2.43 -33.46	63.23 2.51 -36.62	47.80 2.48 -20.06	46.18 2.79 -14.65	39.77 1.78 -19.82

NYPA_GOWANUS____GT5 24156	31.01 1.74 -12.83	25.37 1.44 -9.95	22.06 1.25 -8.03	21.95 1.26 -7.73	21.29 1.07 -9.05	22.02 0.59 -14.41	22.12 0.89 -11.03	20.84 0.96 -9.67	22.96 0.87 -12.58	25.33 0.98 -13.93	26.80 0.98 -15.19	27.73 1.17 -13.61	27.43 1.36 -11.18	27.45 0.99 -15.94	35.55 1.22 -21.40	30.02 1.36 -14.51	32.10 1.52 -14.20	38.34 1.96 -15.30	40.62 1.95 -17.70	43.45 2.17 -17.95	43.40 2.27 -17.03	35.22 2.30 -7.65	31.17 2.41 -0.01	29.02 1.42 -9.43
NYPA_GOWANUS____GT6 24157	31.01 1.74 -12.83	25.37 1.44 -9.95	22.06 1.25 -8.03	21.95 1.26 -7.73	21.29 1.07 -9.05	22.02 0.59 -14.41	22.12 0.89 -11.03	20.84 0.96 -9.67	22.96 0.87 -12.58	25.33 0.98 -13.93	26.80 0.98 -15.19	27.73 1.17 -13.61	27.43 1.36 -11.18	27.45 0.99 -15.94	35.55 1.22 -21.40	30.02 1.36 -14.51	32.10 1.52 -14.20	38.34 1.96 -15.30	40.62 1.95 -17.70	43.45 2.17 -17.95	43.40 2.27 -17.03	35.22 2.30 -7.65	31.17 2.41 -0.01	29.02 1.42 -9.43
NYPA_HARLEM__RVR__GT1 24160	30.82 1.56 -12.81	25.15 1.23 -9.94	21.89 1.10 -8.02	21.76 1.09 -7.71	21.13 0.93 -9.05	21.92 0.51 -14.40	22.01 0.79 -11.02	20.81 0.95 -9.66	22.57 0.87 -12.20	24.52 0.98 -13.11	25.89 0.97 -14.28	26.73 1.14 -12.64	27.14 1.33 -10.92	27.15 0.97 -15.67	29.14 1.19 -15.01	29.93 1.30 -14.48	31.93 1.39 -14.17	38.22 1.88 -15.27	40.52 1.91 -17.64	43.25 1.98 -17.94	43.08 1.95 -17.02	34.85 1.95 -7.64	30.72 1.98 0.01	28.74 1.15 -9.42
NYPA_HARLEM__RVR__GT2 24161	30.82 1.56 -12.81	25.15 1.23 -9.94	21.89 1.10 -8.02	21.76 1.09 -7.71	21.13 0.93 -9.05	21.92 0.51 -14.40	22.01 0.79 -11.02	20.81 0.95 -9.66	22.57 0.87 -12.20	24.52 0.98 -13.11	25.89 0.97 -14.28	26.73 1.14 -12.64	27.14 1.33 -10.92	27.15 0.97 -15.67	29.14 1.19 -15.01	29.93 1.30 -14.48	31.93 1.39 -14.17	38.22 1.88 -15.27	40.52 1.91 -17.64	43.25 1.98 -17.94	43.08 1.95 -17.02	34.85 1.95 -7.64	30.72 1.98 0.01	28.74 1.15 -9.42
NYPA_KENT____GT 24152	30.96 1.69 -12.82	25.33 1.40 -9.95	22.03 1.23 -8.03	21.91 1.22 -7.73	21.26 1.05 -9.05	22.01 0.58 -14.41	22.10 0.87 -11.03	20.84 0.96 -9.67	22.96 0.87 -12.58	25.33 0.98 -13.93	26.79 0.97 -15.19	27.71 1.15 -13.61	27.42 1.34 -11.18	27.44 0.98 -15.94	32.98 1.20 -18.84	29.98 1.33 -14.50	32.05 1.49 -14.19	38.29 1.92 -15.29	40.58 1.93 -17.68	43.42 2.14 -17.95	43.35 2.22 -17.03	35.14 2.22 -7.65	31.07 2.33 0.00	28.97 1.36 -9.43
NYPA_POUCH1____GT 24155	31.03 1.76 -12.83	25.40 1.47 -9.95	22.10 1.29 -8.03	21.98 1.28 -7.73	21.32 1.11 -9.05	22.03 0.60 -14.41	22.13 0.90 -11.03	20.85 0.97 -9.67	22.94 0.86 -12.58	25.31 0.96 -13.93	26.79 0.97 -15.19	27.70 1.14 -13.61	27.42 1.34 -11.18	27.44 0.98 -15.94	35.53 1.19 -21.40	30.02 1.36 -14.51	32.11 1.54 -14.20	38.32 1.94 -15.30	40.60 1.93 -17.70	43.42 2.14 -17.95	43.38 2.24 -17.03	35.27 2.35 -7.65	31.22 2.47 -0.01	29.06 1.45 -9.43
NYPA_VERNON____GT2 24162	30.92 1.66 -12.82	25.28 1.36 -9.94	21.99 1.19 -8.03	21.88 1.19 -7.72	21.23 1.02 -9.05	21.99 0.57 -14.41	22.09 0.86 -11.03	20.83 0.95 -9.67	22.96 0.87 -12.58	25.33 0.98 -13.93	26.79 0.97 -15.19	27.70 1.14 -13.61	27.42 1.34 -11.18	27.42 0.97 -15.94	30.41 1.19 -16.28	29.94 1.30 -14.49	32.01 1.46 -14.18	38.26 1.90 -15.28	40.51 1.89 -17.66	43.38 2.10 -17.95	43.31 2.17 -17.03	35.08 2.17 -7.64	31.01 2.27 0.00	28.93 1.33 -9.43
NYPA_VERNON____GT3 24163	30.92 1.66 -12.82	25.28 1.36 -9.94	21.99 1.19 -8.03	21.88 1.19 -7.72	21.23 1.02 -9.05	21.99 0.57 -14.41	22.09 0.86 -11.03	20.83 0.95 -9.67	22.96 0.87 -12.58	25.33 0.98 -13.93	26.79 0.97 -15.19	27.70 1.14 -13.61	27.42 1.34 -11.18	27.42 0.97 -15.94	30.41 1.19 -16.28	29.94 1.30 -14.49	32.01 1.46 -14.18	38.26 1.90 -15.28	40.51 1.89 -17.66	43.38 2.10 -17.95	43.31 2.17 -17.03	35.08 2.17 -7.64	31.01 2.27 0.00	28.93 1.33 -9.43
NYPA____ASTORIA_CC1 323568	30.90 1.64 -12.82	25.28 1.36 -9.94	21.99 1.19 -8.02	21.86 1.18 -7.72	21.22 1.00 -9.05	21.99 0.56 -14.41	22.08 0.85 -11.03	20.82 0.94 -9.67	22.95 0.86 -12.58	25.32 0.97 -13.93	26.78 0.96 -15.19	27.69 1.13 -13.61	27.39 1.31 -11.18	27.41 0.96 -15.94	29.52 1.17 -15.42	29.93 1.29 -14.49	31.98 1.42 -14.18	38.21 1.86 -15.28	40.46 1.85 -17.65	43.33 2.05 -17.95	43.26 2.12 -17.03	35.03 2.12 -7.64	30.96 2.21 0.00	28.89 1.29 -9.43
NYPA____ASTORIA_CC2 323569	30.90 1.64 -12.82	25.28 1.36 -9.94	21.99 1.19 -8.02	21.86 1.18 -7.72	21.22 1.00 -9.05	21.99 0.56 -14.41	22.08 0.85 -11.03	20.82 0.94 -9.67	22.95 0.86 -12.58	25.32 0.97 -13.93	26.78 0.96 -15.19	27.69 1.13 -13.61	27.39 1.31 -11.18	27.41 0.96 -15.94	29.52 1.17 -15.42	29.93 1.29 -14.49	31.98 1.42 -14.18	38.21 1.86 -15.28	40.46 1.85 -17.65	43.33 2.05 -17.95	43.26 2.12 -17.03	35.03 2.12 -7.64	30.96 2.21 0.00	28.89 1.29 -9.43
NYPA____HOLTSVILL 23794	43.13 2.17 -24.52	42.16 1.69 -26.49	47.28 1.49 -33.01	41.32 1.53 -26.83	31.39 1.33 -18.90	25.14 0.78 -17.35	26.50 1.14 -15.15	21.06 1.21 -9.64	25.91 1.13 -15.28	26.24 1.23 -14.59	27.69 1.15 -15.91	32.64 1.35 -18.35	37.75 1.49 -21.37	37.74 1.11 -26.11	41.16 1.36 -26.87	44.85 1.44 -29.26	46.83 1.61 -28.85	67.44 2.11 -44.25	50.38 2.12 -27.29	58.84 2.38 -33.13	62.72 2.43 -36.18	49.00 2.45 -21.28	45.77 2.73 -14.29	39.46 1.73 -19.56
NYPA____HELLGATE_GT1 24158	30.82 1.56 -12.81	25.18 1.26 -9.94	21.90 1.11 -8.02	21.78 1.10 -7.71	21.15 0.94 -9.05	21.93 0.51 -14.40	22.02 0.80 -11.02	20.80 0.94 -9.66	22.56 0.86 -12.20	24.51 0.97 -13.11	25.88 0.96 -14.28	26.72 1.13 -12.64	27.13 1.31 -10.92	27.14 0.96 -15.67	29.11 1.17 -15.01	29.92 1.29 -14.48	31.93 1.39 -14.17	38.20 1.86 -15.27	40.48 1.87 -17.64	43.25 1.98 -17.94	43.11 1.98 -17.02	34.87 1.97 -7.64	30.78 2.04 0.01	28.76 1.16 -9.42
NYPA____HELLGATE_GT2 24159	30.82 1.56 -12.81	25.18 1.26 -9.94	21.90 1.11 -8.02	21.78 1.10 -7.71	21.15 0.94 -9.05	21.93 0.51 -14.40	22.02 0.80 -11.02	20.80 0.94 -9.66	22.56 0.86 -12.20	24.51 0.97 -13.11	25.88 0.96 -14.28	26.72 1.13 -12.64	27.13 1.31 -10.92	27.14 0.96 -15.67	29.11 1.17 -15.01	29.92 1.29 -14.48	31.93 1.39 -14.17	38.20 1.86 -15.27	40.48 1.87 -17.64	43.25 1.98 -17.94	43.11 1.98 -17.02	34.87 1.97 -7.64	30.78 2.04 0.01	28.76 1.16 -9.42
NYS_BARGE____HYD 23848	17.12 -1.28 -1.96	14.43 -1.08 -1.52	13.10 -0.91 -1.23	13.21 -0.93 -1.18	11.77 -0.77 -1.38	8.92 -0.50 -2.40	11.29 -0.75 -1.84	10.93 -0.88 -1.61	10.43 -0.80 -1.73	11.12 -0.84 -1.54	11.44 -0.88 -1.68	13.02 -1.29 -1.36	13.21 -1.33 0.36	11.91 -0.99 -2.38	13.91 -1.20 -2.17	14.96 -1.22 -2.02	15.97 -1.41 -1.01	18.79 -1.73 0.56	22.01 -1.91 -2.95	24.62 -1.70 -3.00	25.07 -1.88 -2.84	24.14 -2.40 -1.28	26.13 -2.62 0.00	18.57 -1.18 -1.57
OAK ORCHARD____HYD 24046	17.52 -0.51 -1.59	14.77 -0.45 -1.24	13.40 -0.37 -1.00	13.53 -0.39 -0.96	11.94 -0.31 -1.09	8.74 -0.25 -1.97	11.33 -0.38 -1.50	11.10 -0.42 -1.31	10.51 -0.38 -1.39	11.27 -0.40 -1.24	11.61 -0.38 -1.35	13.44 -0.61 -1.10	15.07 -0.70 -0.88	11.99 -0.44 -1.92	14.17 -0.52 -1.75	15.47 -0.52 -1.85	17.54 -0.77 -1.94	22.21 -0.95 -2.08	22.52 -0.86 -2.41	25.13 -0.65 -2.45	25.69 -0.75 -2.32	25.17 -1.14 -1.04	27.25 -1.50 0.00	18.88 -0.58 -1.29

OAKDALE___35_KV_LOAD 356122	20.72 0.00 -4.28	17.29 -0.01 -3.32	15.44 -0.01 -2.68	15.53 -0.01 -2.58	14.18 0.00 -3.01	11.99 -0.05 -5.02	13.96 -0.08 -3.84	13.46 -0.09 -3.35	13.18 -0.09 -3.76	13.71 -0.07 -3.36	14.21 -0.10 -3.67	15.75 -0.17 -2.97	18.59 -0.21 -3.90	15.63 -0.11 -5.22	17.57 -0.13 -4.76	19.34 -0.11 -5.30	21.63 -0.15 -5.40	26.21 -0.19 -5.32	27.01 -0.10 -6.14	29.82 0.05 -6.45	30.25 0.02 -6.12	27.86 -0.15 -2.75	28.57 -0.17 0.00	21.42 -0.04 -3.28
OCC_CHEM___DRP 24175	17.12 -1.33 -2.01	14.47 -1.08 -1.56	13.13 -0.91 -1.26	13.24 -0.93 -1.21	11.82 -0.76 -1.42	8.77 -0.49 -2.25	11.17 -0.76 -1.72	10.79 -0.92 -1.50	10.47 -0.83 -1.79	11.16 -0.87 -1.60	11.46 -0.93 -1.75	13.03 -1.33 -1.41	13.04 -1.41 0.44	11.94 -1.02 -2.45	13.92 -1.26 -2.23	14.94 -1.27 -2.06	15.72 -1.52 -0.87	18.21 -1.90 0.97	21.69 -2.03 -2.75	24.55 -1.84 -3.07	24.97 -2.05 -2.91	23.94 -2.63 -1.31	25.58 -3.16 0.00	18.32 -1.33 -1.47
OH_GEN_PROXY 24063	17.19 -1.23 -1.99	14.49 -1.03 -1.54	13.15 -0.87 -1.24	13.27 -0.89 -1.20	11.83 -0.73 -1.39	8.98 -0.47 -2.43	11.34 -0.72 -1.86	11.00 -0.83 -1.62	10.50 -0.75 -1.75	11.20 -0.78 -1.56	11.50 -0.84 -1.70	13.11 -1.22 -1.38	13.28 -1.42 0.20	12.00 -0.93 -2.41	14.00 -1.14 -2.20	15.07 -1.16 -2.08	16.00 -1.51 -1.13	18.90 -1.88 0.30	22.10 -1.85 -2.98	24.70 -1.66 -3.03	25.10 -1.88 -2.87	24.15 -2.40 -1.29	26.10 -2.64 0.00	18.58 -1.18 -1.59
OLIN_CORP_DRP 24177	17.02 -1.45 -2.03	14.34 -1.22 -1.58	13.00 -1.05 -1.27	13.12 -1.06 -1.22	11.71 -0.88 -1.43	8.72 -0.56 -2.27	11.08 -0.86 -1.74	10.74 -0.98 -1.52	10.42 -0.89 -1.81	11.10 -0.94 -1.61	11.40 -1.00 -1.76	12.95 -1.42 -1.43	13.02 -1.43 0.45	11.90 -1.08 -2.47	13.85 -1.35 -2.25	14.86 -1.37 -2.08	15.73 -1.52 -0.88	18.19 -1.90 0.99	21.61 -2.14 -2.78	24.49 -1.94 -3.10	24.90 -2.15 -2.94	23.85 -2.73 -1.32	25.55 -3.19 0.00	18.28 -1.38 -1.48
OLIN_CORP_DSASP 323712	17.12 -1.33 -2.01	14.47 -1.08 -1.56	13.13 -0.91 -1.26	13.24 -0.93 -1.21	11.82 -0.76 -1.41	8.99 -0.49 -2.46	11.33 -0.75 -1.88	10.93 -0.92 -1.65	10.45 -0.83 -1.77	11.14 -0.87 -1.58	11.44 -0.93 -1.73	13.01 -1.33 -1.40	13.02 -1.42 0.45	11.94 -1.02 -2.45	13.92 -1.26 -2.23	14.94 -1.27 -2.06	15.81 -1.52 -0.96	18.44 -1.90 0.74	21.93 -2.05 -3.02	24.51 -1.89 -3.07	24.90 -2.12 -2.91	23.92 -2.65 -1.31	25.81 -2.93 0.00	18.48 -1.31 -1.61
ONEIDA_HERK_LFGE 323681	16.97 0.13 -0.40	14.38 0.08 -0.31	13.09 0.06 -0.25	13.30 0.09 -0.24	11.58 0.10 -0.32	7.64 0.04 -0.59	10.69 0.03 -0.45	10.63 0.03 -0.39	9.92 -0.02 -0.43	10.80 -0.01 -0.39	11.06 0.00 -0.42	13.25 -0.04 -0.34	15.27 -0.03 -0.40	11.10 -0.01 -0.60	13.49 0.00 -0.55	14.75 0.00 -0.60	16.97 0.02 -0.58	21.79 0.08 -0.63	21.86 0.17 -0.72	24.35 0.28 -0.74	25.17 0.36 -0.70	25.88 0.30 -0.31	28.97 0.23 0.00	18.71 0.14 -0.39
ONEIDA___115KV_TB4 55905	17.52 0.31 -0.77	14.84 0.25 -0.60	13.46 0.20 -0.48	13.65 0.22 -0.47	11.92 0.21 -0.54	8.09 0.09 -0.98	11.07 0.12 -0.75	10.97 0.11 -0.65	10.38 0.07 -0.81	11.24 0.09 -0.72	11.52 0.10 -0.79	13.67 0.08 -0.64	15.75 0.10 -0.76	11.75 0.11 -1.13	14.10 0.13 -1.03	15.43 0.16 -1.13	17.66 0.18 -1.10	22.41 0.30 -1.04	22.54 0.38 -1.20	25.25 0.54 -1.39	26.03 0.60 -1.32	26.39 0.53 -0.59	29.20 0.46 0.00	19.14 0.33 -0.64
ONONDAGA_REF_OCCRA 23987	17.90 0.00 -1.46	15.09 -0.03 -1.13	13.65 -0.04 -0.92	13.79 -0.05 -0.88	12.16 -0.03 -1.03	8.77 -0.11 -1.86	11.47 -0.16 -1.43	11.28 -0.17 -1.24	10.87 -0.16 -1.53	11.64 -0.15 -1.36	11.98 -0.15 -1.49	13.93 -0.22 -1.21	16.07 -0.25 -1.43	12.51 -0.14 -2.13	14.71 -0.17 -1.94	16.13 -0.16 -2.13	18.25 -0.21 -2.09	22.78 -0.27 -1.97	23.06 -0.19 -2.28	25.88 -0.07 -2.62	26.50 -0.10 -2.48	26.15 -0.23 -1.11	28.31 -0.43 0.00	19.23 -0.16 -1.22
ONONDAGA___COGEN 23986	17.65 -0.03 -1.25	14.90 -0.06 -0.97	13.49 -0.06 -0.78	13.64 -0.08 -0.75	11.98 -0.06 -0.88	8.40 -0.13 -1.51	11.16 -0.20 -1.16	11.00 -0.21 -1.01	10.61 -0.19 -1.29	11.40 -0.18 -1.15	11.72 -0.18 -1.26	13.72 -0.25 -1.02	15.82 -0.28 -1.21	12.17 -0.16 -1.81	14.40 -0.19 -1.65	15.78 -0.18 -1.82	17.89 -0.26 -1.78	22.32 -0.36 -1.60	22.53 -0.29 -1.85	25.36 -0.19 -2.21	26.02 -0.19 -2.10	25.85 -0.35 -0.94	28.14 -0.60 0.00	18.91 -0.25 -0.99
ONTARIO___LFGE 23819	18.11 -0.20 -1.86	15.23 -0.20 -1.45	13.76 -0.18 -1.17	13.89 -0.19 -1.12	12.34 -0.16 -1.34	9.22 -0.15 -2.36	11.77 -0.23 -1.80	11.51 -0.27 -1.57	11.42 -0.17 -2.09	12.10 -0.19 -1.86	12.45 -0.22 -2.03	14.26 -0.34 -1.65	19.36 -0.40 -4.86	13.14 -0.25 -2.88	15.27 -0.30 -2.62	17.29 -0.28 -3.42	19.17 -0.48 -3.27	25.21 -0.55 -4.68	23.46 -0.40 -2.89	26.10 -0.16 -2.94	26.68 -0.22 -2.79	26.06 -0.45 -1.25	28.11 -0.63 0.00	19.48 -0.24 -1.54
ORANGEVILLE_WT_PWR 323706	17.62 -1.27 -2.44	14.80 -1.08 -1.89	13.35 -0.96 -1.53	13.42 -1.01 -1.47	12.05 -0.86 -1.75	9.44 -0.56 -2.99	11.64 -0.85 -2.29	11.27 -0.93 -2.00	10.83 -0.86 -2.18	11.43 -0.94 -1.94	11.78 -0.98 -2.12	13.31 -1.36 -1.72	6.96 -1.56 6.37	12.46 -1.06 -3.00	14.39 -1.29 -2.74	14.25 -1.36 -1.46	11.63 -1.60 3.14	8.32 -1.98 10.78	22.83 -1.80 -3.66	25.58 -1.47 -3.72	26.07 -1.57 -3.53	24.88 -1.97 -1.58	26.76 -1.98 0.00	19.16 -0.96 -1.95
ORANGEVILLE___ESR 323794	17.62 -1.27 -2.44	14.80 -1.08 -1.89	13.35 -0.96 -1.53	13.42 -1.01 -1.47	12.05 -0.86 -1.75	9.44 -0.56 -2.99	11.64 -0.85 -2.29	11.27 -0.93 -2.00	10.83 -0.86 -2.18	11.43 -0.94 -1.94	11.78 -0.98 -2.12	13.31 -1.36 -1.72	6.96 -1.56 6.37	12.46 -1.06 -3.00	14.39 -1.29 -2.74	14.25 -1.36 -1.46	11.63 -1.60 3.14	8.32 -1.98 10.78	22.83 -1.80 -3.66	25.58 -1.47 -3.72	26.07 -1.57 -3.53	24.88 -1.97 -1.58	26.76 -1.98 0.00	19.16 -0.96 -1.95
OSWEGATCHIE___HYD 24044	16.20 -0.58 -0.34	13.76 -0.49 -0.26	12.53 -0.46 -0.21	12.73 -0.44 -0.20	11.04 -0.38 -0.26	7.27 -0.25 -0.50	10.23 -0.36 -0.38	10.17 -0.37 -0.33	9.48 -0.39 -0.37	10.29 -0.46 -0.33	10.54 -0.46 -0.36	12.69 -0.54 -0.29	14.60 -0.64 -0.34	10.56 -0.46 -0.50	12.83 -0.57 -0.46	14.02 -0.64 -0.50	16.19 -0.67 -0.49	20.76 -0.84 -0.53	20.85 -0.73 -0.61	23.16 -0.79 -0.62	24.00 -0.70 -0.59	24.80 -0.73 -0.26	27.82 -0.92 0.00	17.90 -0.60 -0.33
OSWEGO___5 23606	16.94 -0.30 -0.80	14.32 -0.28 -0.62	13.02 -0.26 -0.50	13.17 -0.27 -0.48	11.54 -0.22 -0.60	8.08 -0.25 -1.31	10.83 -0.38 -1.00	10.69 -0.39 -0.87	10.10 -0.36 -0.96	10.90 -0.37 -0.85	11.19 -0.38 -0.93	13.21 -0.49 -0.75	15.22 -0.57 -0.89	11.45 -0.38 -1.32	13.69 -0.45 -1.20	14.99 -0.48 -1.32	17.06 -0.61 -1.29	21.69 -0.78 -1.39	21.86 -0.71 -1.60	24.28 -0.68 -1.63	24.94 -0.72 -1.55	25.08 -0.88 -0.70	27.65 -1.09 0.00	18.43 -0.60 -0.86
OSWEGO___6 23613	16.94 -0.30 -0.80	14.32 -0.28 -0.62	13.02 -0.26 -0.50	13.17 -0.27 -0.48	11.54 -0.22 -0.60	8.08 -0.25 -1.31	10.83 -0.38 -1.00	10.69 -0.39 -0.87	10.10 -0.36 -0.96	10.90 -0.37 -0.85	11.19 -0.38 -0.93	13.21 -0.49 -0.75	15.22 -0.57 -0.89	11.45 -0.38 -1.32	13.69 -0.45 -1.20	14.99 -0.48 -1.32	17.06 -0.61 -1.29	21.69 -0.78 -1.39	21.86 -0.71 -1.60	24.28 -0.68 -1.63	24.94 -0.72 -1.55	25.08 -0.88 -0.70	27.65 -1.09 0.00	18.43 -0.60 -0.86

OUTOKUMPU-AB___DRP 24206	17.31 -1.18 -2.05	14.60 -0.98 -1.59	13.23 -0.83 -1.29	13.36 -0.84 -1.24	11.91 -0.70 -1.45	8.87 -0.45 -2.30	11.27 -0.69 -1.76	10.91 -0.83 -1.53	10.59 -0.74 -1.83	11.27 -0.78 -1.63	11.60 -0.82 -1.78	13.19 -1.20 -1.44	13.06 -1.30 0.53	12.10 -0.91 -2.50	14.09 -1.13 -2.28	15.09 -1.15 -2.09	15.84 -1.36 -0.83	18.25 -1.69 1.14	22.00 -1.78 -2.81	24.94 -1.52 -3.13	25.42 -1.66 -2.97	24.37 -2.22 -1.33	26.13 -2.62 0.00	18.62 -1.05 -1.50
OXBOW___BTM 323836	17.22 -1.25 -2.03	14.55 -1.01 -1.58	13.19 -0.86 -1.27	13.31 -0.88 -1.23	11.88 -0.71 -1.43	9.04 -0.46 -2.49	11.39 -0.71 -1.90	11.00 -0.87 -1.66	10.52 -0.78 -1.79	11.21 -0.81 -1.60	11.52 -0.86 -1.75	13.11 -1.26 -1.41	13.05 -1.34 0.50	12.03 -0.96 -2.47	14.02 -1.18 -2.25	15.04 -1.19 -2.08	15.88 -1.42 -0.94	18.48 -1.77 0.83	22.11 -1.91 -3.05	24.73 -1.70 -3.10	25.14 -1.91 -2.94	24.18 -2.40 -1.32	26.13 -2.62 0.00	18.64 -1.16 -1.63
OXBOW___ 24026	17.22 -1.25 -2.03	14.55 -1.01 -1.58	13.19 -0.86 -1.27	13.31 -0.88 -1.23	11.88 -0.71 -1.43	8.83 -0.46 -2.27	11.23 -0.71 -1.74	10.85 -0.87 -1.52	10.53 -0.78 -1.81	11.22 -0.81 -1.61	11.54 -0.86 -1.76	13.12 -1.26 -1.43	13.07 -1.34 0.49	12.03 -0.96 -2.47	14.02 -1.18 -2.25	15.02 -1.20 -2.08	15.80 -1.42 -0.85	18.25 -1.77 1.06	21.86 -1.89 -2.78	24.77 -1.66 -3.10	25.22 -1.83 -2.94	24.21 -2.37 -1.32	25.90 -2.85 0.00	18.50 -1.16 -1.49
OXY_CHEM_DSASP 323612	17.12 -1.33 -2.01	14.47 -1.08 -1.56	13.13 -0.91 -1.26	13.24 -0.93 -1.21	11.82 -0.76 -1.42	8.77 -0.49 -2.25	11.17 -0.76 -1.72	10.79 -0.92 -1.50	10.47 -0.83 -1.79	11.16 -0.87 -1.60	11.46 -0.93 -1.75	13.03 -1.33 -1.41	13.04 -1.41 0.44	11.94 -1.02 -2.45	13.92 -1.26 -2.23	14.94 -1.27 -2.06	15.72 -1.52 -0.87	18.21 -1.90 0.97	21.69 -2.03 -2.75	24.55 -1.84 -3.07	24.97 -2.05 -2.91	23.94 -2.63 -1.31	25.58 -3.16 0.00	18.32 -1.33 -1.47
OZONE_PARK_ESR 323760	30.98 1.73 -12.82	25.32 1.40 -9.94	22.01 1.21 -8.02	21.89 1.21 -7.72	21.22 1.04 -9.02	21.98 0.59 -14.37	22.09 0.89 -11.00	20.83 0.99 -9.64	22.64 0.93 -12.20	24.56 1.03 -13.10	25.96 1.03 -14.29	26.81 1.22 -12.65	27.23 1.41 -10.93	27.22 1.03 -15.68	29.22 1.27 -15.01	30.00 1.36 -14.49	32.11 1.56 -14.18	38.36 2.04 -15.24	40.61 2.03 -17.60	43.52 2.24 -17.95	43.40 2.27 -17.03	35.18 2.27 -7.64	31.22 2.47 0.00	29.01 1.44 -9.40
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	17.12 -1.33 -2.01	14.47 -1.08 -1.56	13.13 -0.91 -1.26	13.24 -0.93 -1.21	11.82 -0.76 -1.42	8.77 -0.49 -2.25	11.17 -0.76 -1.72	10.79 -0.92 -1.50	10.47 -0.83 -1.79	11.16 -0.87 -1.60	11.46 -0.93 -1.75	13.03 -1.33 -1.41	13.04 -1.41 0.44	11.94 -1.02 -2.45	13.92 -1.26 -2.23	14.94 -1.27 -2.06	15.72 -1.52 -0.87	18.21 -1.90 0.97	21.69 -2.03 -2.75	24.55 -1.84 -3.07	24.97 -2.05 -2.91	23.94 -2.63 -1.31	25.58 -3.16 0.00	18.32 -1.33 -1.47
PACKARD__115KV_DUPONT_184 80571	17.12 -1.33 -2.01	14.47 -1.08 -1.56	13.13 -0.91 -1.26	13.24 -0.93 -1.21	11.82 -0.76 -1.42	8.77 -0.49 -2.25	11.17 -0.76 -1.72	10.79 -0.92 -1.50	10.47 -0.83 -1.79	11.16 -0.87 -1.60	11.46 -0.93 -1.75	13.03 -1.33 -1.41	13.04 -1.41 0.44	11.94 -1.02 -2.45	13.92 -1.26 -2.23	14.94 -1.27 -2.06	15.72 -1.52 -0.87	18.21 -1.90 0.97	21.69 -2.03 -2.75	24.55 -1.84 -3.07	24.97 -2.05 -2.91	23.94 -2.63 -1.31	25.58 -3.16 0.00	18.32 -1.33 -1.47
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	30.84 1.58 -12.82	25.23 1.30 -9.94	21.94 1.15 -8.02	21.82 1.14 -7.72	21.16 0.97 -9.03	21.92 0.53 -14.37	22.01 0.81 -11.00	20.70 0.90 -9.60	20.88 0.84 -10.54	20.84 0.93 -9.49	21.92 0.91 -10.37	22.47 1.07 -8.44	25.96 1.25 -9.81	25.93 0.91 -14.50	27.31 1.11 -13.25	29.86 1.22 -14.49	31.91 1.36 -14.18	38.09 1.77 -15.24	40.33 1.76 -17.60	43.19 1.91 -17.95	43.09 1.95 -17.03	34.88 1.97 -7.64	30.93 2.18 0.00	28.81 1.24 -9.41
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	30.97 1.71 -12.82	25.34 1.41 -9.94	22.06 1.26 -8.02	21.94 1.26 -7.72	21.26 1.07 -9.03	21.98 0.59 -14.37	22.09 0.89 -11.00	20.78 0.98 -9.60	20.95 0.90 -10.54	20.92 1.00 -9.49	21.99 0.98 -10.37	22.54 1.15 -8.44	26.04 1.33 -9.81	25.99 0.97 -14.50	27.39 1.19 -13.25	29.93 1.29 -14.49	32.01 1.46 -14.18	38.21 1.90 -15.24	40.46 1.89 -17.60	43.38 2.10 -17.95	43.26 2.12 -17.03	35.06 2.15 -7.64	31.10 2.36 0.00	28.92 1.34 -9.41
PATROON__115KV_TB1 80586	33.32 0.46 -16.42	27.14 0.42 -12.74	23.49 0.43 -10.28	23.32 0.45 -9.90	23.12 0.39 -11.57	25.62 0.20 -18.40	24.57 0.29 -14.09	22.71 0.21 -12.30	23.11 0.20 -13.40	22.61 0.23 -11.96	23.94 0.24 -13.06	23.81 0.28 -10.58	27.73 0.33 -12.51	29.24 0.23 -18.50	30.11 0.30 -16.87	33.02 0.34 -18.53	34.89 0.38 -18.14	41.01 0.42 -19.51	43.95 0.44 -22.54	46.83 0.54 -22.96	46.45 0.55 -21.78	35.65 0.61 -9.78	29.40 0.66 0.00	30.63 0.42 -12.04
PATTRSNVILLE___SOLAR 323815	34.39 0.72 -17.23	27.95 0.60 -13.37	24.08 0.52 -10.78	23.89 0.54 -10.39	23.80 0.48 -12.16	26.61 0.26 -19.34	25.36 0.36 -14.80	23.45 0.33 -12.92	23.85 0.28 -14.06	23.27 0.30 -12.55	24.66 0.32 -13.70	24.44 0.39 -11.10	28.46 0.45 -13.12	30.26 0.34 -19.41	31.05 0.41 -17.70	34.06 0.47 -19.44	35.94 0.54 -19.03	42.34 0.76 -20.50	45.47 0.82 -23.69	48.44 1.03 -24.09	48.02 1.06 -22.85	36.56 1.04 -10.26	29.89 1.15 0.00	31.56 0.73 -12.66
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	17.29 -1.40 -2.24	14.55 -1.17 -1.74	13.16 -1.02 -1.40	13.27 -1.05 -1.35	11.86 -0.88 -1.58	8.99 -0.56 -2.53	11.29 -0.86 -1.94	10.95 -0.95 -1.69	10.64 -0.86 -2.00	11.29 -0.92 -1.78	11.63 -0.96 -1.94	13.18 -1.35 -1.58	12.90 -1.55 0.44	12.22 -1.03 -2.74	14.17 -1.27 -2.50	15.14 -1.33 -2.32	15.81 -1.59 -1.02	18.05 -1.98 1.04	22.14 -1.93 -3.10	25.04 -1.70 -3.42	25.54 -1.81 -3.24	24.40 -2.32 -1.46	26.70 -2.04 0.00	18.61 -1.22 -1.66
PAWLING_115_KV_BK3_REV_LBMP_H 345028	30.83 1.46 -12.92	25.21 1.20 -10.03	21.89 1.02 -8.09	21.78 1.02 -7.79	21.16 0.89 -9.11	22.02 0.50 -14.50	22.02 0.71 -11.10	20.69 0.80 -9.69	20.84 0.76 -10.57	20.70 0.84 -9.43	21.76 0.82 -10.30	22.28 0.98 -8.35	25.91 1.15 -9.87	25.95 0.84 -14.59	27.30 1.05 -13.31	29.90 1.13 -14.62	31.99 1.31 -14.31	38.16 1.71 -15.38	40.45 1.72 -17.76	43.36 1.91 -18.11	43.32 2.03 -17.18	34.97 2.00 -7.71	30.90 2.16 0.00	28.90 1.24 -9.49
PEEKSKILL___ 23653	30.51 1.40 -12.67	24.95 1.13 -9.83	21.69 0.98 -7.93	21.59 0.98 -7.64	20.97 0.85 -8.96	21.76 0.48 -14.26	21.83 0.70 -10.92	20.52 0.79 -9.53	20.66 0.73 -10.42	20.61 0.82 -9.36	21.67 0.81 -10.22	22.22 0.96 -8.31	25.72 1.12 -9.71	25.68 0.82 -14.35	27.04 1.00 -13.10	29.58 1.09 -14.34	31.64 1.23 -14.04	37.82 1.62 -15.12	40.05 1.61 -17.47	42.89 1.80 -17.77	42.82 1.86 -16.86	34.67 1.84 -7.57	30.67 1.93 0.00	28.67 1.16 -9.33
PGE MADISON___WINDPWR 24146	21.42 0.85 -4.13	17.86 0.67 -3.20	15.93 0.58 -2.58	16.09 0.64 -2.49	14.79 0.59 -3.04	12.33 0.33 -4.98	14.47 0.45 -3.82	13.97 0.44 -3.33	13.45 0.29 -3.65	14.03 0.35 -3.25	14.56 0.37 -3.55	16.19 0.36 -2.88	19.29 0.42 -3.98	15.89 0.35 -5.03	17.96 0.43 -4.59	19.79 0.49 -5.15	22.21 0.59 -5.25	28.07 0.91 -6.09	28.12 1.05 -6.11	30.92 1.38 -6.21	31.57 1.57 -5.89	29.30 1.39 -2.64	30.15 1.41 0.00	22.36 0.93 -3.26

PIERCEFIELD___HYD 23852	15.58 -0.85 0.00	13.28 -0.70 0.00	12.14 -0.64 0.00	12.34 -0.62 0.00	10.62 -0.55 0.00	6.69 -0.33 0.00	9.73 -0.47 0.00	9.74 -0.46 0.00	9.25 -0.45 -0.20	10.07 -0.53 -0.17	10.30 -0.53 -0.19	12.51 -0.60 -0.15	14.39 -0.69 -0.18	10.26 -0.53 -0.27	12.53 -0.66 -0.25	13.67 -0.75 -0.27	15.84 -0.80 -0.27	19.98 -1.10 0.00	19.90 -1.07 0.00	22.38 -1.28 -0.33	23.17 -1.25 -0.32	24.19 -1.21 -0.14	27.39 -1.35 0.00	17.26 -0.91 0.00
PINELAWN_CC_1 323563	42.83 2.04 -24.36	44.23 1.59 -28.65	45.07 1.39 -30.90	43.68 1.40 -29.32	32.54 1.21 -20.17	25.44 0.70 -17.72	26.92 1.03 -15.68	20.96 1.11 -9.64	26.46 1.04 -15.92	26.86 1.13 -15.31	28.42 1.09 -16.69	33.93 1.27 -19.71	39.23 1.44 -22.90	39.23 1.07 -27.65	42.92 1.31 -28.67	46.72 1.39 -31.19	48.68 1.54 -30.77	55.67 2.04 -32.55	51.54 2.08 -28.49	60.69 2.31 -35.05	65.12 2.39 -38.63	48.69 2.40 -21.02	47.52 2.62 -16.16	40.72 1.65 -20.89
PJM_GEN_HTP_PROXY 323702	30.83 1.58 -12.81	25.21 1.29 -9.94	21.91 1.11 -8.02	21.80 1.11 -7.72	21.17 0.96 -9.05	21.97 0.54 -14.41	22.04 0.81 -11.03	20.77 0.91 -9.66	22.14 0.86 -11.78	23.56 0.95 -12.19	24.87 0.94 -13.30	25.65 1.11 -11.58	26.84 1.30 -10.65	26.83 0.94 -15.38	28.66 1.15 -14.57	29.90 1.26 -14.49	31.96 1.41 -14.18	38.23 1.88 -15.28	40.48 1.87 -17.65	43.33 2.05 -17.95	43.26 2.12 -17.03	35.00 2.10 -7.64	30.93 2.18 0.00	28.89 1.29 -9.43
PJM_GEN_KEystone 24065	24.57 0.23 -7.90	20.28 0.17 -6.13	17.86 0.14 -4.95	17.87 0.14 -4.77	16.90 0.13 -5.61	16.07 0.04 -9.01	17.16 0.06 -6.90	16.30 0.07 -6.02	16.25 0.08 -6.67	16.64 0.10 -6.11	17.39 0.07 -6.67	18.43 0.00 -5.48	20.61 0.00 -5.72	19.69 0.04 -9.13	21.37 0.05 -8.37	23.21 0.09 -8.97	24.95 0.05 -8.52	29.95 0.11 -8.77	32.16 0.15 -11.04	34.86 0.30 -11.23	35.02 0.27 -10.65	30.12 0.08 -4.78	28.89 0.14 0.00	24.22 0.14 -5.90
PJM_GEN_NEPTUNE_PROXY 323594	42.81 1.76 -24.61	40.73 1.37 -25.38	40.44 1.20 -26.46	39.69 1.19 -25.54	30.43 1.04 -18.23	24.76 0.60 -17.14	25.95 0.88 -14.87	20.82 0.97 -9.64	25.35 0.90 -14.95	25.63 0.99 -14.22	27.10 0.96 -15.50	31.72 1.13 -17.65	36.76 1.28 -20.58	36.79 0.95 -25.32	40.03 1.15 -25.94	43.63 1.22 -28.27	45.55 1.31 -27.86	51.48 1.73 -28.67	49.30 1.74 -26.59	57.32 1.94 -32.06	60.93 1.98 -34.84	45.83 2.00 -18.57	44.26 2.18 -13.33	38.44 1.38 -18.88
PJM_GEN_VFT_PROXY 323633	30.79 1.53 -12.82	25.17 1.24 -9.94	21.87 1.07 -8.02	21.76 1.08 -7.72	21.13 0.92 -9.05	21.94 0.51 -14.41	22.02 0.79 -11.03	20.76 0.89 -9.67	22.55 0.85 -12.20	24.46 0.93 -13.10	25.85 0.93 -14.29	26.69 1.09 -12.65	27.10 1.28 -10.93	27.12 0.93 -15.68	28.48 1.13 -14.42	29.87 1.23 -14.49	31.92 1.38 -14.18	38.19 1.83 -15.27	40.44 1.82 -17.64	43.31 2.03 -17.95	43.21 2.07 -17.03	34.93 2.02 -7.64	30.84 2.10 0.00	28.82 1.22 -9.43
PLATSBURG_115KV_PMLD1 355749	15.93 -0.51 0.00	13.61 -0.38 0.00	12.48 -0.29 0.00	12.70 -0.26 0.00	10.94 -0.22 0.00	6.90 -0.12 0.00	10.08 -0.12 0.00	10.10 -0.10 0.00	9.43 -0.08 0.00	10.30 -0.13 0.00	10.53 -0.11 0.00	12.87 -0.08 0.00	14.81 -0.09 0.00	10.42 -0.09 0.00	12.81 -0.13 0.00	13.95 -0.20 0.00	16.13 -0.25 0.00	20.59 -0.48 0.00	20.42 -0.55 0.00	22.54 -0.79 0.00	23.29 -0.82 0.00	24.48 -0.78 0.00	27.88 -0.86 0.00	17.61 -0.56 0.00
PLEASANTVLY___LBMP 24000	31.12 1.27 -13.41	25.42 1.03 -10.40	22.06 0.89 -8.39	21.94 0.89 -8.09	21.39 0.78 -9.45	22.50 0.44 -15.05	22.36 0.64 -11.52	20.96 0.70 -10.05	21.14 0.67 -10.97	20.95 0.74 -9.78	22.06 0.73 -10.69	22.47 0.87 -8.66	26.13 1.00 -10.23	26.38 0.73 -15.14	27.64 0.89 -13.80	30.28 0.96 -15.17	32.31 1.10 -14.84	38.46 1.43 -15.95	40.85 1.45 -18.43	43.70 1.59 -18.79	43.57 1.64 -17.82	34.91 1.64 -8.00	30.53 1.78 0.00	29.09 1.07 -9.85
PLSNTVLE_13_KV_13.8KVDIST 80602	30.76 1.43 -12.89	25.16 1.17 -10.00	21.86 1.01 -8.07	21.75 1.01 -7.77	21.13 0.88 -9.09	21.98 0.49 -14.47	22.01 0.72 -11.08	20.69 0.82 -9.67	20.72 0.76 -10.46	20.48 0.84 -9.21	21.54 0.84 -10.06	22.04 1.00 -8.09	25.82 1.15 -9.78	25.85 0.84 -14.50	27.16 1.04 -13.18	29.86 1.12 -14.59	31.91 1.26 -14.28	38.09 1.67 -15.34	40.35 1.66 -17.72	43.24 1.84 -18.07	43.13 1.88 -17.14	34.83 1.87 -7.70	30.78 2.04 0.00	28.86 1.22 -9.47
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	30.76 1.43 -12.89	25.16 1.17 -10.00	21.86 1.01 -8.07	21.75 1.01 -7.77	21.13 0.88 -9.09	21.98 0.49 -14.47	22.01 0.72 -11.08	20.69 0.82 -9.67	20.72 0.76 -10.46	20.48 0.84 -9.21	21.54 0.84 -10.06	22.04 1.00 -8.09	25.82 1.15 -9.78	25.85 0.84 -14.50	27.16 1.04 -13.18	29.86 1.12 -14.59	31.91 1.26 -14.28	38.09 1.67 -15.34	40.35 1.66 -17.72	43.24 1.84 -18.07	43.13 1.88 -17.14	34.83 1.87 -7.70	30.78 2.04 0.00	28.86 1.22 -9.47
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	30.94 1.30 -13.21	25.31 1.08 -10.25	21.96 0.92 -8.27	21.86 0.93 -7.96	21.27 0.80 -9.31	22.28 0.44 -14.82	22.20 0.65 -11.34	20.82 0.71 -9.90	20.98 0.67 -10.80	20.80 0.74 -9.64	21.89 0.72 -10.53	22.33 0.85 -8.53	25.97 1.00 -10.08	26.15 0.73 -14.91	27.44 0.91 -13.60	30.06 0.98 -14.94	32.12 1.13 -14.62	38.27 1.48 -15.71	40.63 1.51 -18.15	43.51 1.68 -18.50	43.40 1.74 -17.56	34.86 1.72 -7.88	30.61 1.87 0.00	28.98 1.11 -9.70
POLETTI_____ 23519	30.82 1.56 -12.82	25.23 1.30 -9.94	21.92 1.12 -8.02	21.80 1.11 -7.72	21.15 0.96 -9.02	21.92 0.53 -14.37	22.01 0.81 -11.00	20.75 0.91 -9.64	22.55 0.85 -12.20	24.46 0.94 -13.10	25.86 0.94 -14.29	26.70 1.10 -12.65	27.07 1.27 -10.91	27.10 0.93 -15.66	29.08 1.14 -15.00	29.84 1.22 -14.47	31.93 1.39 -14.17	38.13 1.83 -15.22	40.38 1.82 -17.59	43.24 1.98 -17.93	43.12 2.00 -17.01	34.91 2.02 -7.63	30.96 2.21 0.00	28.85 1.27 -9.40
POMONA___ESR 323819	30.21 1.38 -12.39	24.73 1.13 -9.62	21.50 0.97 -7.76	21.41 0.97 -7.47	20.76 0.84 -8.76	21.44 0.47 -13.95	21.58 0.69 -10.68	20.30 0.78 -9.32	20.40 0.72 -10.17	20.30 0.80 -9.08	21.34 0.79 -9.91	21.91 0.93 -8.03	25.49 1.10 -9.49	25.35 0.80 -14.04	26.72 0.98 -12.80	29.29 1.07 -14.07	31.31 1.21 -13.73	37.49 1.62 -14.79	39.67 1.61 -17.08	42.50 1.80 -17.38	42.45 1.86 -16.48	34.48 1.82 -7.40	30.64 1.90 0.00	28.45 1.15 -9.13
PORT_JEFF_3 23555	43.18 2.22 -24.52	42.23 1.73 -26.52	47.58 1.53 -33.27	41.38 1.55 -26.86	31.43 1.35 -18.91	25.16 0.79 -17.35	26.53 1.16 -15.16	21.08 1.23 -9.64	25.94 1.15 -15.28	26.27 1.25 -14.60	27.74 1.18 -15.92	32.69 1.37 -18.37	37.82 1.53 -21.39	37.79 1.15 -26.13	41.23 1.40 -26.89	44.92 1.49 -29.28	46.92 1.67 -28.88	68.18 2.19 -44.91	50.46 2.18 -27.31	58.93 2.45 -33.16	62.83 2.51 -36.22	49.20 2.55 -21.39	45.88 2.82 -14.31	39.54 1.78 -19.58
PORT_JEFF_4 23616	43.18 2.22 -24.52	42.23 1.73 -26.52	47.58 1.53 -33.27	41.38 1.55 -26.86	31.43 1.35 -18.91	25.16 0.79 -17.35	26.53 1.16 -15.16	21.08 1.23 -9.64	25.94 1.15 -15.28	26.27 1.25 -14.60	27.74 1.18 -15.92	32.69 1.37 -18.37	37.82 1.53 -21.39	37.79 1.15 -26.13	41.23 1.40 -26.89	44.92 1.49 -29.28	46.92 1.67 -28.88	68.18 2.19 -44.91	50.46 2.18 -27.31	58.93 2.45 -33.16	62.83 2.51 -36.22	49.20 2.55 -21.39	45.88 2.82 -14.31	39.54 1.78 -19.58

PORT_JEFF_IC 23713	43.21 2.25 -24.51	42.34 1.76 -26.60	48.57 1.60 -34.20	41.50 1.58 -26.96	31.46 1.36 -18.94	25.16 0.81 -17.33	26.54 1.18 -15.15	21.08 1.26 -9.62	25.98 1.17 -15.31	26.32 1.27 -14.62	27.77 1.19 -15.94	32.75 1.39 -18.41	37.87 1.53 -21.44	37.86 1.16 -26.19	41.32 1.42 -26.96	45.03 1.53 -29.35	47.05 1.72 -28.96	70.56 2.21 -47.27	50.47 2.18 -27.32	59.00 2.43 -33.24	62.89 2.46 -36.32	49.62 2.60 -21.76	46.12 2.99 -14.38	39.67 1.89 -19.61
PPL PILGRIM_ST_GT1 24216	43.10 2.17 -24.49	42.58 1.69 -26.91	43.79 1.49 -29.52	41.77 1.50 -27.30	31.60 1.31 -19.14	25.20 0.77 -17.41	26.57 1.12 -15.25	21.04 1.19 -9.64	26.01 1.11 -15.40	26.37 1.22 -14.73	27.86 1.16 -16.06	32.92 1.36 -18.61	38.09 1.53 -21.66	38.07 1.15 -26.41	41.55 1.40 -27.21	45.26 1.49 -29.63	47.23 1.64 -29.22	56.35 2.15 -33.12	50.64 2.18 -27.49	59.22 2.43 -33.46	63.23 2.51 -36.62	47.80 2.48 -20.06	46.18 2.79 -14.65	39.77 1.78 -19.82
PPL PILGRIM_ST_GT2 24217	43.10 2.17 -24.49	42.58 1.69 -26.91	43.79 1.49 -29.52	41.77 1.50 -27.30	31.60 1.31 -19.14	25.20 0.77 -17.41	26.57 1.12 -15.25	21.04 1.19 -9.64	26.01 1.11 -15.40	26.37 1.22 -14.73	27.86 1.16 -16.06	32.92 1.36 -18.61	38.09 1.53 -21.66	38.07 1.15 -26.41	41.55 1.40 -27.21	45.26 1.49 -29.63	47.23 1.64 -29.22	56.35 2.15 -33.12	50.64 2.18 -27.49	59.22 2.43 -33.46	63.23 2.51 -36.62	47.80 2.48 -20.06	46.18 2.79 -14.65	39.77 1.78 -19.82
PPL_SHRM_GT3 24213	43.34 2.38 -24.52	42.40 1.86 -26.55	47.85 1.65 -33.43	41.54 1.67 -26.90	31.55 1.45 -18.94	25.23 0.86 -17.36	26.63 1.25 -15.17	21.16 1.32 -9.64	26.03 1.23 -15.29	26.37 1.33 -14.61	27.75 1.18 -15.93	32.71 1.37 -18.39	37.84 1.53 -21.41	37.83 1.16 -26.16	41.27 1.41 -26.92	44.99 1.53 -29.31	47.02 1.73 -28.91	68.64 2.30 -45.26	50.65 2.35 -27.33	59.15 2.64 -33.19	63.07 2.70 -36.26	49.40 2.68 -21.46	46.08 2.99 -14.35	39.63 1.85 -19.60
PPL_SHRM_GT4 24214	43.34 2.38 -24.52	42.40 1.86 -26.55	47.85 1.65 -33.43	41.54 1.67 -26.90	31.55 1.45 -18.94	25.23 0.86 -17.36	26.63 1.25 -15.17	21.16 1.32 -9.64	26.03 1.23 -15.29	26.37 1.33 -14.61	27.75 1.18 -15.93	32.71 1.37 -18.39	37.84 1.53 -21.41	37.83 1.16 -26.16	41.27 1.41 -26.92	44.99 1.53 -29.31	47.02 1.73 -28.91	68.64 2.30 -45.26	50.65 2.35 -27.33	59.15 2.64 -33.19	63.07 2.70 -36.26	49.40 2.68 -21.46	46.08 2.99 -14.35	39.63 1.85 -19.60
PROJECT___ORANGE 1 24174	17.63 -0.03 -1.22	14.87 -0.06 -0.95	13.47 -0.06 -0.76	13.63 -0.06 -0.73	11.98 -0.04 -0.86	8.48 -0.12 -1.58	11.23 -0.18 -1.21	11.07 -0.19 -1.06	10.64 -0.18 -1.32	11.44 -0.17 -1.18	11.76 -0.17 -1.29	13.76 -0.23 -1.04	15.86 -0.27 -1.23	12.20 -0.15 -1.84	14.43 -0.18 -1.68	15.82 -0.17 -1.84	17.93 -0.25 -1.80	22.44 -0.32 -1.67	22.65 -0.25 -1.93	25.45 -0.14 -2.26	26.11 -0.14 -2.15	25.93 -0.30 -0.96	28.23 -0.52 0.00	19.01 -0.20 -1.03
PROJECT___ORANGE 2 24166	17.63 -0.03 -1.22	14.87 -0.06 -0.95	13.47 -0.06 -0.76	13.63 -0.06 -0.73	11.98 -0.04 -0.86	8.48 -0.12 -1.58	11.23 -0.18 -1.21	11.07 -0.19 -1.06	10.64 -0.18 -1.32	11.44 -0.17 -1.18	11.76 -0.17 -1.29	13.76 -0.23 -1.04	15.86 -0.27 -1.23	12.20 -0.15 -1.84	14.43 -0.18 -1.68	15.82 -0.17 -1.84	17.93 -0.25 -1.80	22.44 -0.32 -1.67	22.65 -0.25 -1.93	25.45 -0.14 -2.26	26.11 -0.14 -2.15	25.93 -0.30 -0.96	28.23 -0.52 0.00	19.01 -0.20 -1.03
PUCKETT___SOLAR 323809	21.10 0.25 -4.41	17.59 0.18 -3.43	15.69 0.15 -2.76	15.79 0.17 -2.66	14.58 0.17 -3.25	12.39 0.06 -5.32	14.35 0.07 -4.07	13.81 0.05 -3.56	13.42 0.03 -3.89	13.93 0.04 -3.47	14.46 0.03 -3.79	15.99 -0.03 -3.07	18.87 -0.03 -4.01	15.90 0.02 -5.36	17.86 0.03 -4.89	19.65 0.06 -5.44	21.67 0.07 -5.23	26.85 0.13 -5.64	27.70 0.21 -6.52	30.38 0.42 -6.63	30.83 0.43 -6.29	28.37 0.28 -2.82	29.03 0.29 0.00	21.89 0.24 -3.48
PYRITES___HYD 24023	15.91 -0.53 0.00	13.56 -0.42 0.00	12.39 -0.38 0.00	12.60 -0.36 0.00	10.84 -0.32 0.00	6.84 -0.18 0.00	9.95 -0.26 0.00	9.94 -0.27 0.00	9.39 -0.29 -0.18	10.20 -0.39 -0.16	10.43 -0.38 -0.18	12.66 -0.43 -0.14	14.57 -0.49 -0.17	10.37 -0.40 -0.25	12.65 -0.52 -0.23	13.82 -0.58 -0.25	16.05 -0.57 -0.25	20.34 -0.74 0.00	20.34 -0.63 0.00	22.87 -0.77 -0.31	23.73 -0.68 -0.30	24.79 -0.61 -0.13	28.05 -0.69 0.00	17.66 -0.51 0.00
QUAKERRD_115KV_BK1 80622	17.25 -0.72 -1.53	14.53 -0.64 -1.19	13.17 -0.56 -0.96	13.32 -0.57 -0.92	11.76 -0.48 -1.08	8.33 -0.36 -1.67	10.94 -0.54 -1.27	10.75 -0.57 -1.11	10.35 -0.53 -1.38	11.10 -0.55 -1.23	11.44 -0.54 -1.34	13.26 -0.78 -1.09	14.82 -0.91 -0.83	11.75 -0.58 -1.81	13.89 -0.70 -1.65	15.16 -0.72 -1.73	16.84 -0.98 -1.45	21.62 -1.22 -1.77	21.88 -1.13 -2.04	24.69 -1.00 -2.36	25.27 -1.08 -2.24	24.83 -1.44 -1.01	26.76 -1.98 0.00	18.37 -0.89 -1.09
QUENSBRY_115KV_TB8 356137	34.15 0.90 -16.81	27.78 0.76 -13.04	23.94 0.64 -10.52	23.77 0.67 -10.13	23.60 0.59 -11.85	26.17 0.32 -18.83	25.06 0.44 -14.42	23.23 0.44 -12.59	23.62 0.40 -13.72	23.10 0.44 -12.24	24.48 0.48 -13.37	24.36 0.58 -10.83	28.36 0.67 -12.80	29.92 0.47 -18.93	30.86 0.66 -17.26	33.87 0.75 -18.97	35.77 0.84 -18.57	42.16 1.12 -19.97	45.19 1.15 -23.07	48.23 1.40 -23.50	47.87 1.47 -22.29	36.74 1.47 -10.01	30.30 1.55 0.00	31.41 0.91 -12.32
RAMAPO___LBMP 323565	30.05 1.32 -12.30	24.60 1.08 -9.54	21.41 0.93 -7.70	21.31 0.93 -7.42	20.63 0.80 -8.67	21.27 0.45 -13.81	21.44 0.66 -10.57	20.18 0.74 -9.23	20.27 0.69 -10.07	20.18 0.77 -8.98	21.21 0.77 -9.81	21.79 0.89 -7.95	25.33 1.04 -9.39	25.18 0.77 -13.90	26.56 0.94 -12.67	29.09 1.02 -13.92	31.16 1.16 -13.63	37.23 1.52 -14.64	39.39 1.51 -16.91	42.26 1.68 -17.25	42.18 1.71 -16.36	34.33 1.72 -7.34	30.61 1.87 0.00	28.30 1.09 -9.04
RANKINE____ 23646	17.41 -1.22 -2.19	14.65 -1.03 -1.70	13.25 -0.89 -1.37	13.38 -0.91 -1.32	11.95 -0.76 -1.54	9.00 -0.48 -2.47	11.35 -0.74 -1.89	11.01 -0.85 -1.65	10.69 -0.76 -1.95	11.36 -0.80 -1.74	11.69 -0.85 -1.90	13.26 -1.23 -1.54	12.64 -1.41 0.84	12.25 -0.94 -2.67	14.23 -1.15 -2.44	15.16 -1.17 -2.19	15.60 -1.47 -0.70	17.54 -1.83 1.70	22.25 -1.74 -3.02	25.20 -1.47 -3.34	25.69 -1.59 -3.17	24.57 -2.12 -1.42	26.47 -2.27 0.00	18.77 -1.02 -1.62
RAVENSWOOD_GT2_1 24244	30.86 1.59 -12.82	25.24 1.31 -9.94	21.93 1.14 -8.02	21.81 1.13 -7.72	21.16 0.97 -9.03	21.94 0.55 -14.37	22.03 0.83 -11.00	20.77 0.92 -9.65	22.94 0.86 -12.58	25.30 0.95 -13.93	26.77 0.95 -15.18	27.67 1.11 -13.61	27.37 1.30 -11.18	27.40 0.95 -15.94	29.52 1.16 -15.42	29.88 1.25 -14.49	31.98 1.42 -14.18	38.17 1.85 -15.24	40.42 1.85 -17.60	43.31 2.03 -17.95	43.19 2.05 -17.03	34.98 2.07 -7.64	31.01 2.27 0.00	28.89 1.31 -9.41
RAVENSWOOD_GT2_2 24245	30.86 1.59 -12.82	25.24 1.31 -9.94	21.93 1.14 -8.02	21.81 1.13 -7.72	21.16 0.97 -9.03	21.94 0.55 -14.37	22.03 0.83 -11.00	20.77 0.92 -9.65	22.94 0.86 -12.58	25.30 0.95 -13.93	26.77 0.95 -15.18	27.67 1.11 -13.61	27.37 1.30 -11.18	27.40 0.95 -15.94	29.52 1.16 -15.42	29.88 1.25 -14.49	31.98 1.42 -14.18	38.17 1.85 -15.24	40.42 1.85 -17.60	43.31 2.03 -17.95	43.19 2.05 -17.03	34.98 2.07 -7.64	31.01 2.27 0.00	28.89 1.31 -9.41

RAVENSWOOD_GT2_3 24246	30.86 1.59 -12.82	25.24 1.31 -9.94	21.93 1.14 -8.02	21.82 1.14 -7.72	21.16 0.97 -9.03	21.94 0.55 -14.37	22.03 0.83 -11.00	20.77 0.92 -9.65	22.95 0.86 -12.58	25.31 0.96 -13.93	26.77 0.95 -15.18	27.69 1.13 -13.61	27.37 1.30 -11.18	27.40 0.95 -15.94	29.52 1.16 -15.42	29.90 1.26 -14.49	31.98 1.42 -14.18	38.19 1.88 -15.24	40.44 1.87 -17.60	43.31 2.03 -17.95	43.21 2.07 -17.03	35.01 2.10 -7.64	31.01 2.27 0.00	28.89 1.31 -9.41
RAVENSWOOD_GT2_4 24247	30.86 1.59 -12.82	25.24 1.31 -9.94	21.93 1.14 -8.02	21.82 1.14 -7.72	21.16 0.97 -9.03	21.94 0.55 -14.37	22.03 0.83 -11.00	20.77 0.92 -9.65	22.95 0.86 -12.58	25.31 0.96 -13.93	26.77 0.95 -15.18	27.69 1.13 -13.61	27.37 1.30 -11.18	27.40 0.95 -15.94	29.52 1.16 -15.42	29.90 1.26 -14.49	31.98 1.42 -14.18	38.19 1.88 -15.24	40.44 1.87 -17.60	43.31 2.03 -17.95	43.21 2.07 -17.03	35.01 2.10 -7.64	31.01 2.27 0.00	28.89 1.31 -9.41
RAVENSWOOD_GT3_1 24248	30.86 1.59 -12.82	25.24 1.31 -9.94	21.93 1.14 -8.02	21.81 1.13 -7.72	21.16 0.97 -9.03	21.94 0.55 -14.37	22.03 0.83 -11.00	20.77 0.92 -9.65	22.94 0.86 -12.58	25.30 0.95 -13.93	26.77 0.95 -15.18	27.69 1.13 -13.61	27.37 1.30 -11.18	27.40 0.95 -15.94	29.52 1.16 -15.42	29.88 1.25 -14.49	31.98 1.42 -14.18	38.17 1.85 -15.24	40.42 1.85 -17.60	43.31 2.03 -17.95	43.19 2.05 -17.03	34.98 2.07 -7.64	31.01 2.27 0.00	28.89 1.31 -9.41
RAVENSWOOD_GT3_2 24249	30.86 1.59 -12.82	25.24 1.31 -9.94	21.93 1.14 -8.02	21.81 1.13 -7.72	21.16 0.97 -9.03	21.94 0.55 -14.37	22.03 0.83 -11.00	20.77 0.92 -9.65	22.94 0.86 -12.58	25.30 0.95 -13.93	26.77 0.95 -15.18	27.69 1.13 -13.61	27.37 1.30 -11.18	27.40 0.95 -15.94	29.52 1.16 -15.42	29.88 1.25 -14.49	31.98 1.42 -14.18	38.17 1.85 -15.24	40.42 1.85 -17.60	43.31 2.03 -17.95	43.19 2.05 -17.03	34.98 2.07 -7.64	31.01 2.27 0.00	28.89 1.31 -9.41
RAVENSWOOD_GT3_3 24250	30.87 1.61 -12.82	25.26 1.33 -9.94	21.94 1.15 -8.02	21.82 1.14 -7.72	21.17 0.98 -9.03	21.94 0.55 -14.37	22.04 0.84 -11.00	20.78 0.93 -9.65	22.96 0.87 -12.58	25.32 0.97 -13.93	26.78 0.96 -15.18	27.70 1.14 -13.61	27.38 1.31 -11.18	27.41 0.96 -15.94	29.53 1.18 -15.42	29.91 1.27 -14.49	32.00 1.44 -14.18	38.21 1.90 -15.24	40.46 1.89 -17.60	43.33 2.05 -17.95	43.23 2.10 -17.03	35.01 2.10 -7.64	31.04 2.30 0.00	28.91 1.33 -9.41
RAVENSWOOD_GT3_4 24251	30.87 1.61 -12.82	25.26 1.33 -9.94	21.94 1.15 -8.02	21.82 1.14 -7.72	21.17 0.98 -9.03	21.94 0.55 -14.37	22.04 0.84 -11.00	20.78 0.93 -9.65	22.96 0.87 -12.58	25.32 0.97 -13.93	26.78 0.96 -15.18	27.70 1.14 -13.61	27.38 1.31 -11.18	27.41 0.96 -15.94	29.53 1.18 -15.42	29.91 1.27 -14.49	32.00 1.44 -14.18	38.21 1.90 -15.24	40.46 1.89 -17.60	43.33 2.05 -17.95	43.23 2.10 -17.03	35.01 2.10 -7.64	31.04 2.30 0.00	28.91 1.33 -9.41
RAVENSWOOD_GT_1 23729	30.92 1.66 -12.82	25.28 1.36 -9.94	21.98 1.19 -8.02	21.86 1.18 -7.72	21.20 1.02 -9.03	21.96 0.57 -14.37	22.06 0.86 -11.00	20.80 0.95 -9.65	22.96 0.87 -12.58	25.33 0.98 -13.93	26.79 0.97 -15.18	27.70 1.14 -13.61	27.40 1.33 -11.18	27.43 0.97 -15.94	30.41 1.19 -16.28	29.93 1.29 -14.49	32.02 1.46 -14.19	38.20 1.88 -15.24	40.45 1.87 -17.61	43.33 2.05 -17.95	43.21 2.07 -17.03	35.03 2.12 -7.64	31.07 2.33 0.00	28.91 1.33 -9.41
RAVENSWOOD_GT_10 24258	30.86 1.59 -12.82	25.24 1.31 -9.94	21.93 1.14 -8.02	21.81 1.13 -7.72	21.16 0.97 -9.03	21.94 0.55 -14.37	22.03 0.83 -11.00	20.77 0.92 -9.65	22.94 0.86 -12.58	25.30 0.95 -13.93	26.77 0.95 -15.18	27.69 1.13 -13.61	27.37 1.30 -11.18	27.40 0.95 -15.94	29.52 1.16 -15.42	29.88 1.25 -14.49	31.98 1.42 -14.18	38.17 1.85 -15.24	40.42 1.85 -17.60	43.31 2.03 -17.95	43.19 2.05 -17.03	34.98 2.07 -7.64	31.01 2.27 0.00	28.89 1.31 -9.41
RAVENSWOOD_GT_11 24259	30.86 1.59 -12.82	25.24 1.31 -9.94	21.93 1.14 -8.02	21.81 1.13 -7.72	21.16 0.97 -9.03	21.94 0.55 -14.37	22.03 0.83 -11.00	20.77 0.92 -9.65	22.94 0.86 -12.58	25.30 0.95 -13.93	26.77 0.95 -15.18	27.69 1.13 -13.61	27.37 1.30 -11.18	27.40 0.95 -15.94	29.52 1.16 -15.42	29.88 1.25 -14.49	31.98 1.42 -14.18	38.17 1.85 -15.24	40.42 1.85 -17.60	43.31 2.03 -17.95	43.19 2.05 -17.03	34.98 2.07 -7.64	31.01 2.27 0.00	28.89 1.31 -9.41
RAVENSWOOD_GT_4 24252	30.86 1.59 -12.82	25.23 1.30 -9.94	21.92 1.12 -8.02	21.81 1.13 -7.72	21.15 0.96 -9.03	21.94 0.55 -14.37	22.02 0.82 -11.00	20.76 0.91 -9.65	22.94 0.86 -12.58	25.30 0.95 -13.93	26.77 0.95 -15.18	27.69 1.13 -13.61	27.37 1.30 -11.18	27.40 0.95 -15.94	30.18 1.16 -16.08	29.89 1.25 -14.49	31.98 1.42 -14.18	38.19 1.88 -15.24	40.42 1.85 -17.61	43.31 2.03 -17.95	43.21 2.07 -17.03	34.98 2.07 -7.64	31.01 2.27 0.00	28.89 1.31 -9.41
RAVENSWOOD_GT_5 24254	30.86 1.59 -12.82	25.23 1.30 -9.94	21.92 1.12 -8.02	21.81 1.13 -7.72	21.15 0.96 -9.03	21.94 0.55 -14.37	22.02 0.82 -11.00	20.76 0.91 -9.65	22.94 0.86 -12.58	25.30 0.95 -13.93	26.77 0.95 -15.18	27.69 1.13 -13.61	27.37 1.30 -11.18	27.40 0.95 -15.94	30.18 1.16 -16.08	29.89 1.25 -14.49	31.98 1.42 -14.18	38.19 1.88 -15.24	40.42 1.85 -17.61	43.31 2.03 -17.95	43.21 2.07 -17.03	34.98 2.07 -7.64	31.01 2.27 0.00	28.89 1.31 -9.41
RAVENSWOOD_GT_6 24253	30.86 1.59 -12.82	25.23 1.30 -9.94	21.92 1.12 -8.02	21.81 1.13 -7.72	21.15 0.96 -9.03	21.94 0.55 -14.37	22.02 0.82 -11.00	20.76 0.91 -9.65	22.94 0.86 -12.58	25.30 0.95 -13.93	26.77 0.95 -15.18	27.69 1.13 -13.61	27.37 1.30 -11.18	27.40 0.95 -15.94	30.18 1.16 -16.08	29.89 1.25 -14.49	31.98 1.42 -14.18	38.19 1.88 -15.24	40.42 1.85 -17.61	43.31 2.03 -17.95	43.21 2.07 -17.03	34.98 2.07 -7.64	31.01 2.27 0.00	28.89 1.31 -9.41
RAVENSWOOD_GT_7 24255	30.86 1.59 -12.82	25.23 1.30 -9.94	21.92 1.12 -8.02	21.81 1.13 -7.72	21.15 0.96 -9.03	21.94 0.55 -14.37	22.02 0.82 -11.00	20.76 0.91 -9.65	22.94 0.86 -12.58	25.30 0.95 -13.93	26.77 0.95 -15.18	27.69 1.13 -13.61	27.37 1.30 -11.18	27.40 0.95 -15.94	30.18 1.16 -16.08	29.89 1.25 -14.49	31.98 1.42 -14.18	38.19 1.88 -15.24	40.42 1.85 -17.61	43.31 2.03 -17.95	43.21 2.07 -17.03	34.98 2.07 -7.64	31.01 2.27 0.00	28.89 1.31 -9.41
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	30.86 1.59 -12.82	25.24 1.31 -9.94	21.93 1.14 -8.02	21.81 1.13 -7.72	21.16 0.97 -9.03	21.94 0.55 -14.37	22.03 0.83 -11.00	20.77 0.92 -9.65	22.94 0.86 -12.58	25.30 0.95 -13.93	26.77 0.95 -15.18	27.69 1.13 -13.61	27.37 1.30 -11.18	27.40 0.95 -15.94	29.52 1.16 -15.42	29.88 1.25 -14.49	31.98 1.42 -14.18	38.17 1.85 -15.24	40.42 1.85 -17.60	43.31 2.03 -17.95	43.19 2.05 -17.03	34.98 2.07 -7.64	31.01 2.27 0.00	28.89 1.31 -9.41
RAVENSWOOD_GT_9 24257	30.86 1.59 -12.82	25.24 1.31 -9.94	21.93 1.14 -8.02	21.81 1.13 -7.72	21.16 0.97 -9.03	21.94 0.55 -14.37	22.03 0.83 -11.00	20.77 0.92 -9.65	22.94 0.86 -12.58	25.30 0.95 -13.93	26.77 0.95 -15.18	27.69 1.13 -13.61	27.37 1.30 -11.18	27.40 0.95 -15.94	29.52 1.16 -15.42	29.88 1.25 -14.49	31.98 1.42 -14.18	38.17 1.85 -15.24	40.42 1.85 -17.60	43.31 2.03 -17.95	43.19 2.05 -17.03	34.98 2.07 -7.64	31.01 2.27 0.00	28.89 1.31 -9.41

RAVENSWOOD___1 23533	30.90 1.64 -12.82	25.28 1.36 -9.94	21.99 1.19 -8.02	21.86 1.18 -7.72	21.23 1.02 -9.05	21.99 0.56 -14.41	22.08 0.85 -11.03	20.82 0.94 -9.67	22.95 0.86 -12.58	25.32 0.97 -13.93	26.78 0.96 -15.19	27.69 1.13 -13.61	27.40 1.33 -11.18	27.41 0.96 -15.94	29.53 1.18 -15.42	29.93 1.29 -14.49	31.99 1.44 -14.18	38.23 1.88 -15.28	40.51 1.89 -17.65	43.38 2.10 -17.95	43.28 2.14 -17.03	35.05 2.15 -7.64	30.99 2.24 0.00	28.91 1.31 -9.43
RAVENSWOOD___2 23534	30.90 1.64 -12.82	25.27 1.34 -9.94	21.97 1.17 -8.02	21.86 1.18 -7.72	21.22 1.00 -9.05	21.99 0.56 -14.41	22.08 0.85 -11.03	20.82 0.94 -9.67	22.95 0.86 -12.58	25.32 0.97 -13.93	26.78 0.96 -15.19	27.69 1.13 -13.61	27.39 1.31 -11.18	27.41 0.96 -15.94	29.53 1.18 -15.42	29.93 1.29 -14.49	31.99 1.44 -14.18	38.23 1.88 -15.28	40.48 1.87 -17.65	43.35 2.08 -17.95	43.28 2.14 -17.03	35.05 2.15 -7.64	30.99 2.24 0.00	28.91 1.31 -9.43
RAVENSWOOD___3 23535	30.85 1.59 -12.82	25.24 1.31 -9.94	21.94 1.14 -8.02	21.81 1.13 -7.72	21.19 0.97 -9.05	21.97 0.55 -14.41	22.06 0.83 -11.03	20.80 0.92 -9.67	22.94 0.86 -12.58	25.30 0.95 -13.93	26.77 0.95 -15.19	27.69 1.13 -13.61	27.39 1.31 -11.18	27.40 0.95 -15.94	29.52 1.17 -15.42	29.91 1.27 -14.49	31.98 1.42 -14.18	38.23 1.88 -15.28	40.48 1.87 -17.65	43.35 2.08 -17.95	43.28 2.14 -17.03	35.03 2.12 -7.64	30.96 2.21 0.00	28.91 1.31 -9.43
RAVENSWOOD___4 23820	30.89 1.63 -12.82	25.27 1.34 -9.94	21.97 1.17 -8.02	21.85 1.17 -7.72	21.22 1.00 -9.05	21.99 0.56 -14.41	22.08 0.85 -11.03	20.82 0.94 -9.67	22.95 0.86 -12.58	25.31 0.96 -13.93	26.77 0.95 -15.19	27.69 1.13 -13.61	27.39 1.31 -11.18	27.41 0.96 -15.94	28.67 1.17 -14.56	29.92 1.29 -14.49	31.99 1.44 -14.18	38.21 1.86 -15.27	40.48 1.87 -17.64	43.35 2.08 -17.95	43.26 2.12 -17.03	35.03 2.12 -7.64	30.96 2.21 0.00	28.91 1.31 -9.43
RCPL_TRUST___DRP 24196	30.95 1.69 -12.81	25.24 1.31 -9.94	21.93 1.14 -8.02	21.81 1.13 -7.72	21.16 0.97 -9.02	21.93 0.55 -14.37	22.03 0.83 -11.00	20.76 0.93 -9.63	22.16 0.87 -11.78	23.58 0.97 -12.19	24.89 0.96 -13.29	25.67 1.14 -11.58	26.85 1.31 -10.64	26.85 0.96 -15.38	28.69 1.18 -14.57	29.90 1.26 -14.49	32.00 1.44 -14.18	38.21 1.90 -15.24	40.44 1.87 -17.60	43.33 2.05 -17.95	43.21 2.07 -17.03	35.00 2.10 -7.64	31.01 2.27 0.00	28.90 1.33 -9.40
RED___ROCHESTER 323720	17.61 -0.41 -1.59	14.84 -0.38 -1.23	13.46 -0.31 -0.99	13.60 -0.32 -0.96	11.98 -0.27 -1.09	8.76 -0.21 -1.95	11.37 -0.33 -1.50	11.14 -0.37 -1.31	10.55 -0.33 -1.38	11.31 -0.34 -1.23	11.67 -0.32 -1.35	13.51 -0.53 -1.09	15.13 -0.61 -0.85	12.05 -0.37 -1.91	14.25 -0.43 -1.74	15.56 -0.42 -1.83	17.64 -0.66 -1.92	22.35 -0.80 -2.07	22.63 -0.73 -2.39	25.27 -0.49 -2.43	25.84 -0.58 -2.31	25.34 -0.96 -1.04	27.45 -1.29 0.00	18.96 -0.49 -1.28
REGAN___SOLAR 323812	35.61 1.23 -17.94	28.92 1.02 -13.92	24.88 0.87 -11.23	24.69 0.91 -10.82	24.64 0.80 -12.67	27.62 0.46 -20.15	26.24 0.61 -15.42	24.24 0.57 -13.46	24.65 0.49 -14.65	24.03 0.53 -13.07	25.48 0.56 -14.28	25.19 0.67 -11.57	29.36 0.79 -13.67	31.31 0.58 -20.22	32.14 0.76 -18.44	35.24 0.83 -20.26	37.17 0.97 -19.83	43.81 1.37 -21.36	47.14 1.49 -24.68	50.30 1.87 -25.10	49.85 1.93 -23.81	37.87 1.92 -10.69	30.84 2.10 0.00	32.67 1.31 -13.19
RENSSELAER___COGEN 23796	33.10 0.39 -16.27	26.97 0.36 -12.62	23.36 0.40 -10.18	23.17 0.40 -9.81	22.99 0.35 -11.49	25.46 0.18 -18.26	24.43 0.24 -13.98	22.59 0.18 -12.21	22.96 0.17 -13.28	22.46 0.19 -11.85	23.78 0.20 -12.94	23.67 0.23 -10.49	27.56 0.27 -12.39	29.03 0.19 -18.33	29.89 0.23 -16.72	32.77 0.25 -18.37	34.64 0.30 -17.97	40.76 0.32 -19.37	43.70 0.36 -22.37	46.50 0.42 -22.75	46.10 0.41 -21.58	35.43 0.48 -9.69	29.29 0.54 0.00	30.47 0.34 -11.95
REPUBLIC_115KV_BARTNBK 55605	34.57 1.33 -16.80	28.12 1.10 -13.03	24.21 0.92 -10.52	24.06 0.97 -10.13	23.87 0.87 -11.84	26.32 0.48 -18.82	25.27 0.65 -14.41	23.42 0.63 -12.58	23.79 0.58 -13.71	23.27 0.61 -12.23	24.67 0.67 -13.36	24.59 0.82 -10.82	28.64 0.95 -12.79	30.10 0.66 -18.92	31.15 0.96 -17.25	34.18 1.08 -18.96	36.14 1.21 -18.56	42.68 1.64 -19.96	45.75 1.72 -23.06	48.96 2.15 -23.49	48.63 2.24 -22.28	37.52 2.25 -10.00	31.13 2.39 0.00	31.87 1.38 -12.32
REVERE_CPPR_DRP 24186	17.47 0.38 -0.66	14.79 0.29 -0.51	13.43 0.24 -0.41	13.63 0.27 -0.40	11.88 0.26 -0.46	7.97 0.13 -0.83	11.00 0.16 -0.63	10.92 0.16 -0.55	10.29 0.10 -0.69	11.15 0.11 -0.62	11.44 0.13 -0.67	13.61 0.12 -0.55	15.69 0.15 -0.64	11.61 0.14 -0.96	14.00 0.18 -0.88	15.32 0.21 -0.96	17.56 0.25 -0.94	22.36 0.40 -0.88	22.47 0.48 -1.01	25.17 0.65 -1.18	26.00 0.77 -1.12	26.45 0.68 -0.50	29.38 0.63 0.00	19.15 0.44 -0.54
REYNLDPA_13_KV_LD 356490	16.13 -0.31 0.00	13.75 -0.24 0.00	12.57 -0.20 0.00	12.77 -0.19 0.00	10.97 -0.19 0.00	6.91 -0.11 0.00	10.07 -0.13 0.00	10.07 -0.13 0.00	9.39 -0.11 0.00	10.27 -0.16 0.00	10.48 -0.16 0.00	12.82 -0.13 0.00	14.75 -0.15 0.00	10.38 -0.14 0.00	12.76 -0.18 0.00	13.94 -0.21 0.00	16.14 -0.23 0.00	20.70 -0.38 0.00	20.57 -0.40 0.00	22.77 -0.56 0.00	23.53 -0.58 0.00	24.78 -0.48 0.00	28.25 -0.49 0.00	17.83 -0.35 0.00
REYNOLDS_115KV_TB3 80639	33.26 0.51 -16.31	27.10 0.46 -12.65	23.44 0.46 -10.21	23.26 0.47 -9.83	23.06 0.40 -11.49	25.50 0.21 -18.28	24.49 0.30 -13.99	22.67 0.26 -12.21	23.05 0.24 -13.31	22.56 0.26 -11.88	23.89 0.28 -12.97	23.79 0.34 -10.51	27.69 0.37 -12.42	29.15 0.26 -18.37	30.02 0.32 -16.75	32.93 0.37 -18.41	34.82 0.43 -18.02	40.96 0.51 -19.38	43.86 0.50 -22.38	46.74 0.61 -22.81	46.37 0.63 -21.64	35.63 0.66 -9.71	29.46 0.72 0.00	30.61 0.47 -11.96
RIVERBAY____ 323610	30.97 1.71 -12.82	25.34 1.41 -9.94	22.06 1.26 -8.02	21.94 1.26 -7.72	21.26 1.07 -9.03	21.98 0.59 -14.37	22.09 0.89 -11.00	20.78 0.98 -9.60	20.95 0.90 -10.54	20.92 1.00 -9.49	21.99 0.98 -10.37	22.54 1.15 -8.44	26.04 1.33 -9.81	25.99 0.97 -14.50	27.39 1.19 -13.25	29.93 1.29 -14.49	32.01 1.46 -14.18	38.21 1.90 -15.24	40.46 1.89 -17.60	43.38 2.10 -17.95	43.26 2.12 -17.03	35.06 2.15 -7.64	31.10 2.36 0.00	28.92 1.34 -9.41
RIVERSDE_115KV_TB3 55908	33.23 0.46 -16.33	27.08 0.42 -12.67	23.44 0.43 -10.23	23.25 0.44 -9.85	23.05 0.38 -11.51	25.52 0.20 -18.31	24.49 0.28 -14.01	22.66 0.22 -12.23	23.05 0.21 -13.33	22.55 0.23 -11.90	23.88 0.24 -12.99	23.76 0.28 -10.53	27.66 0.33 -12.44	29.15 0.23 -18.40	30.01 0.28 -16.78	32.91 0.33 -18.44	34.80 0.38 -18.05	40.91 0.42 -19.41	43.83 0.44 -22.42	46.71 0.54 -22.84	46.31 0.53 -21.67	35.57 0.58 -9.73	29.38 0.63 0.00	30.57 0.42 -11.98
ROARING___BROOK_WT_PWR 323790	16.09 -0.35 0.00	13.70 -0.28 0.00	12.53 -0.24 0.00	12.73 -0.23 0.00	10.96 -0.20 0.00	6.88 -0.14 0.00	10.01 -0.19 0.00	10.01 -0.19 0.00	9.32 -0.18 0.00	10.22 -0.21 0.00	10.43 -0.21 0.00	12.69 -0.26 0.00	14.60 -0.30 0.00	10.30 -0.21 0.00	12.67 -0.27 0.00	13.84 -0.31 0.00	16.01 -0.36 0.00	20.64 -0.44 0.00	20.55 -0.42 0.00	22.86 -0.47 0.00	23.63 -0.48 0.00	24.76 -0.51 0.00	28.17 -0.57 0.00	17.81 -0.36 0.00

ROCHESRG_115KV_T4 355643	17.46 -0.56 -1.58	14.72 -0.49 -1.22	13.35 -0.41 -0.99	13.48 -0.43 -0.95	11.93 -0.35 -1.11	8.46 -0.27 -1.71	11.10 -0.41 -1.31	10.90 -0.45 -1.14	10.51 -0.41 -1.41	11.25 -0.43 -1.26	11.59 -0.43 -1.37	13.41 -0.65 -1.11	14.95 -0.76 -0.81	11.94 -0.47 -1.89	14.10 -0.57 -1.73	15.39 -0.57 -1.80	17.03 -0.84 -1.49	21.88 -1.01 -1.81	22.14 -0.92 -2.09	25.02 -0.72 -2.42	25.58 -0.82 -2.29	25.08 -1.21 -1.03	27.02 -1.72 0.00	18.66 -0.64 -1.12
ROCHESTER_9_IC 23652	17.55 -0.48 -1.59	14.78 -0.43 -1.23	13.41 -0.36 -0.99	13.56 -0.36 -0.96	11.98 -0.30 -1.12	8.50 -0.24 -1.73	11.16 -0.37 -1.32	10.95 -0.41 -1.15	10.55 -0.37 -1.42	11.32 -0.38 -1.27	11.66 -0.36 -1.38	13.49 -0.58 -1.12	15.09 -0.69 -0.88	12.00 -0.42 -1.91	14.19 -0.49 -1.74	15.48 -0.50 -1.83	17.19 -0.74 -1.55	22.00 -0.91 -1.83	22.27 -0.82 -2.11	25.18 -0.58 -2.43	25.74 -0.68 -2.31	25.24 -1.06 -1.04	27.16 -1.58 0.00	18.74 -0.56 -1.13
ROCKVIEW_13_KV_LD 356306	30.79 1.55 -12.81	25.18 1.26 -9.94	21.88 1.09 -8.02	21.76 1.08 -7.72	21.11 0.93 -9.03	21.92 0.53 -14.37	21.98 0.78 -11.00	20.68 0.88 -9.60	20.75 0.82 -10.43	20.59 0.92 -9.25	21.66 0.91 -10.10	22.18 1.07 -8.16	25.89 1.25 -9.75	25.86 0.91 -14.43	27.21 1.13 -13.14	29.84 1.20 -14.49	31.92 1.36 -14.18	38.11 1.79 -15.24	40.36 1.78 -17.60	43.24 1.96 -17.95	43.16 2.03 -17.03	34.93 2.02 -7.64	30.96 2.21 0.00	28.87 1.29 -9.41
ROME____115KV_TB2 80656	17.47 0.38 -0.66	14.79 0.29 -0.51	13.43 0.24 -0.41	13.63 0.27 -0.40	11.88 0.26 -0.46	7.97 0.13 -0.83	11.00 0.16 -0.63	10.92 0.16 -0.55	10.29 0.10 -0.69	11.15 0.11 -0.62	11.44 0.13 -0.67	13.61 0.12 -0.55	15.69 0.15 -0.64	11.61 0.14 -0.96	14.00 0.18 -0.88	15.32 0.21 -0.96	17.56 0.25 -0.94	22.36 0.40 -0.88	22.47 0.48 -1.01	25.17 0.65 -1.18	26.00 0.77 -1.12	26.45 0.68 -0.50	29.38 0.63 0.00	19.15 0.44 -0.54
ROSETON___1 23587	30.36 1.25 -12.67	24.85 1.03 -9.83	21.60 0.89 -7.93	21.50 0.89 -7.64	20.89 0.77 -8.96	21.71 0.43 -14.26	21.75 0.63 -10.92	20.44 0.70 -9.53	20.54 0.67 -10.37	20.42 0.74 -9.25	21.47 0.72 -10.11	21.99 0.85 -8.19	25.57 1.00 -9.68	25.55 0.72 -14.31	26.89 0.89 -13.05	29.47 0.98 -14.34	31.50 1.10 -14.03	37.63 1.43 -15.12	39.88 1.45 -17.47	42.70 1.61 -17.77	42.63 1.66 -16.85	34.47 1.64 -7.57	30.47 1.72 0.00	28.56 1.05 -9.33
ROSETON___2 23588	30.36 1.25 -12.67	24.85 1.03 -9.83	21.60 0.89 -7.93	21.50 0.89 -7.64	20.89 0.77 -8.96	21.71 0.43 -14.26	21.75 0.63 -10.92	20.44 0.70 -9.53	20.54 0.67 -10.37	20.42 0.74 -9.25	21.47 0.72 -10.11	21.99 0.85 -8.19	25.57 1.00 -9.68	25.55 0.72 -14.31	26.89 0.89 -13.05	29.47 0.98 -14.34	31.50 1.10 -14.03	37.63 1.43 -15.12	39.88 1.45 -17.47	42.70 1.61 -17.77	42.63 1.66 -16.85	34.47 1.64 -7.57	30.47 1.72 0.00	28.56 1.05 -9.33
ROTRDAM_115KV_TB3 80664	33.97 0.58 -16.95	27.63 0.49 -13.15	23.82 0.43 -10.61	23.62 0.44 -10.22	23.49 0.38 -11.95	26.22 0.20 -18.99	25.03 0.29 -14.54	23.17 0.28 -12.69	23.59 0.25 -13.84	23.04 0.27 -12.34	24.41 0.29 -13.48	24.21 0.34 -10.92	28.19 0.39 -12.91	29.89 0.28 -19.09	30.72 0.36 -17.41	33.69 0.41 -19.13	35.56 0.46 -18.73	41.83 0.61 -20.14	44.87 0.63 -23.27	47.80 0.77 -23.70	47.39 0.80 -22.49	36.14 0.78 -10.09	29.61 0.86 0.00	31.15 0.55 -12.43
RUSSELL___1 23602	17.61 -0.41 -1.59	14.84 -0.38 -1.23	13.46 -0.31 -0.99	13.59 -0.32 -0.96	12.01 -0.27 -1.12	8.53 -0.21 -1.73	11.20 -0.33 -1.32	10.99 -0.37 -1.15	10.59 -0.33 -1.42	11.35 -0.34 -1.27	11.70 -0.32 -1.38	13.54 -0.53 -1.12	15.17 -0.61 -0.88	12.05 -0.37 -1.91	14.25 -0.43 -1.74	15.55 -0.42 -1.83	17.27 -0.65 -1.55	22.11 -0.80 -1.83	22.37 -0.71 -2.11	25.30 -0.47 -2.43	25.89 -0.53 -2.31	25.37 -0.93 -1.04	27.31 -1.44 0.00	18.81 -0.49 -1.13
RUSSELL___2 23532	17.61 -0.41 -1.59	14.84 -0.38 -1.23	13.46 -0.31 -0.99	13.59 -0.32 -0.96	12.01 -0.27 -1.12	8.53 -0.21 -1.73	11.20 -0.33 -1.32	10.99 -0.37 -1.15	10.59 -0.33 -1.42	11.35 -0.34 -1.27	11.70 -0.32 -1.38	13.54 -0.53 -1.12	15.17 -0.61 -0.88	12.05 -0.37 -1.91	14.25 -0.43 -1.74	15.55 -0.42 -1.83	17.27 -0.65 -1.55	22.11 -0.80 -1.83	22.37 -0.71 -2.11	25.30 -0.47 -2.43	25.89 -0.53 -2.31	25.37 -0.93 -1.04	27.31 -1.44 0.00	18.81 -0.49 -1.13
RUSSELL___3 23549	17.61 -0.41 -1.59	14.84 -0.38 -1.23	13.46 -0.31 -0.99	13.59 -0.32 -0.96	12.01 -0.27 -1.12	8.53 -0.21 -1.73	11.20 -0.33 -1.32	10.99 -0.37 -1.15	10.59 -0.33 -1.42	11.35 -0.34 -1.27	11.70 -0.32 -1.38	13.54 -0.53 -1.12	15.17 -0.61 -0.88	12.05 -0.37 -1.91	14.25 -0.43 -1.74	15.55 -0.42 -1.83	17.27 -0.65 -1.55	22.11 -0.80 -1.83	22.37 -0.71 -2.11	25.30 -0.47 -2.43	25.89 -0.53 -2.31	25.37 -0.93 -1.04	27.31 -1.44 0.00	18.81 -0.49 -1.13
RUSSELL___4 23556	17.61 -0.41 -1.59	14.84 -0.38 -1.23	13.46 -0.31 -0.99	13.59 -0.32 -0.96	12.01 -0.27 -1.12	8.53 -0.21 -1.73	11.20 -0.33 -1.32	10.99 -0.37 -1.15	10.59 -0.33 -1.42	11.35 -0.34 -1.27	11.70 -0.32 -1.38	13.54 -0.53 -1.12	15.17 -0.61 -0.88	12.05 -0.37 -1.91	14.25 -0.43 -1.74	15.55 -0.42 -1.83	17.27 -0.65 -1.55	22.11 -0.80 -1.83	22.37 -0.71 -2.11	25.30 -0.47 -2.43	25.89 -0.53 -2.31	25.37 -0.93 -1.04	27.31 -1.44 0.00	18.81 -0.49 -1.13
RUSSELL___STATION 23914	17.61 -0.41 -1.59	14.84 -0.38 -1.23	13.46 -0.31 -0.99	13.59 -0.32 -0.96	12.01 -0.27 -1.12	8.53 -0.21 -1.73	11.20 -0.33 -1.32	10.99 -0.37 -1.15	10.59 -0.33 -1.42	11.35 -0.34 -1.27	11.70 -0.32 -1.38	13.54 -0.53 -1.12	15.17 -0.61 -0.88	12.05 -0.37 -1.91	14.25 -0.43 -1.74	15.55 -0.42 -1.83	17.27 -0.65 -1.55	22.11 -0.80 -1.83	22.37 -0.71 -2.11	25.30 -0.47 -2.43	25.89 -0.53 -2.31	25.37 -0.93 -1.04	27.31 -1.44 0.00	18.81 -0.49 -1.13
S SALMON___HYD 24043	17.26 -0.11 -0.93	14.58 -0.13 -0.73	13.23 -0.13 -0.58	13.40 -0.13 -0.56	11.77 -0.11 -0.71	8.22 -0.17 -1.37	11.00 -0.25 -1.05	10.85 -0.28 -0.92	10.23 -0.28 -1.01	11.05 -0.27 -0.90	11.34 -0.28 -0.98	13.37 -0.38 -0.79	15.40 -0.43 -0.94	11.62 -0.28 -1.39	13.87 -0.34 -1.27	15.19 -0.35 -1.39	17.30 -0.43 -1.35	22.01 -0.53 -1.46	22.25 -0.40 -1.68	24.76 -0.28 -1.71	25.49 -0.24 -1.62	25.59 -0.41 -0.73	28.20 -0.55 0.00	18.80 -0.27 -0.90
S.PERRY__115KV_TB1 80734	18.42 -0.30 -2.28	15.46 -0.29 -1.77	13.96 -0.24 -1.43	14.08 -0.26 -1.37	12.55 -0.22 -1.61	9.43 -0.18 -2.59	11.92 -0.27 -1.98	11.59 -0.35 -1.73	11.15 -0.39 -2.04	11.78 -0.46 -1.82	12.12 -0.50 -1.98	13.78 -0.78 -1.61	24.66 -0.94 -10.70	12.73 -0.61 -2.83	14.82 -0.70 -2.58	17.90 -0.71 -4.46	24.64 -0.87 -9.14	37.40 -0.97 -17.29	23.49 -0.65 -3.17	26.70 -0.12 -3.49	27.32 -0.10 -3.31	26.27 -0.48 -1.49	27.91 -0.83 0.00	19.69 -0.18 -1.69
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	17.32 -1.22 -2.09	14.59 -1.02 -1.62	13.22 -0.87 -1.31	13.34 -0.88 -1.26	11.91 -0.73 -1.48	8.89 -0.47 -2.35	11.28 -0.72 -1.80	10.95 -0.83 -1.57	10.63 -0.74 -1.86	11.30 -0.78 -1.66	11.62 -0.83 -1.82	13.22 -1.20 -1.47	12.67 -1.40 0.83	12.15 -0.91 -2.55	14.14 -1.13 -2.33	15.07 -1.16 -2.08	15.54 -1.47 -0.64	17.62 -1.81 1.65	22.08 -1.76 -2.87	25.00 -1.52 -3.19	25.47 -1.66 -3.03	24.40 -2.22 -1.36	26.19 -2.56 0.00	18.64 -1.07 -1.54

SAWYER___23_KV_LOAD 55526	17.32	14.59	13.22	13.34	11.91	8.89	11.28	10.95	10.63	11.30	11.62	13.22	12.67	12.15	14.14	15.07	15.54	17.62	22.08	25.00	25.47	24.40	26.19	18.64
	-1.22	-1.02	-0.87	-0.88	-0.73	-0.47	-0.72	-0.83	-0.74	-0.78	-0.83	-1.20	-1.40	-0.91	-1.13	-1.16	-1.47	-1.81	-1.76	-1.52	-1.66	-2.22	-2.56	-1.07
	-2.09	-1.62	-1.31	-1.26	-1.48	-2.35	-1.80	-1.57	-1.86	-1.66	-1.82	-1.47	0.83	-2.55	-2.33	-2.08	-0.64	1.65	-2.87	-3.19	-3.03	-1.36	0.00	-1.54
SELKIRK___I 23801	32.64	26.61	23.03	22.87	22.65	24.92	24.01	22.23	22.55	22.09	23.38	23.34	27.16	28.48	29.39	32.23	34.10	40.22	43.07	45.88	45.52	35.18	29.40	30.18
	0.41	0.38	0.37	0.39	0.33	0.17	0.23	0.17	0.15	0.17	0.18	0.21	0.24	0.17	0.22	0.25	0.28	0.34	0.38	0.47	0.46	0.51	0.66	0.40
	-15.79	-12.25	-9.89	-9.52	-11.15	-17.73	-13.57	-11.85	-12.90	-11.50	-12.57	-10.18	-12.03	-17.80	-16.23	-17.83	-17.45	-18.80	-21.72	-22.09	-20.95	-9.41	0.00	-11.60
SELKIRK___II 23799	33.02	26.90	23.28	23.10	22.90	25.31	24.33	22.53	22.88	22.40	23.70	23.61	27.49	28.91	29.78	32.67	34.55	40.69	43.58	46.39	46.03	35.41	29.37	30.41
	0.44	0.39	0.40	0.40	0.35	0.18	0.26	0.21	0.20	0.22	0.22	0.26	0.30	0.21	0.26	0.30	0.34	0.40	0.42	0.49	0.51	0.53	0.63	0.38
	-16.14	-12.52	-10.10	-9.73	-11.39	-18.12	-13.87	-12.11	-13.18	-11.76	-12.84	-10.40	-12.29	-18.18	-16.58	-18.22	-17.83	-19.21	-22.19	-22.57	-21.41	-9.61	0.00	-11.86
SENECA OSWGO___HYD 24041	17.23	14.55	13.20	13.35	11.74	8.30	11.02	10.86	10.28	11.08	11.38	13.39	15.43	11.72	13.94	15.27	17.34	22.01	22.22	24.69	25.33	25.35	27.80	18.66
	-0.21	-0.21	-0.20	-0.22	-0.19	-0.22	-0.34	-0.35	-0.32	-0.32	-0.33	-0.43	-0.49	-0.32	-0.39	-0.40	-0.51	-0.65	-0.59	-0.51	-0.55	-0.71	-0.95	-0.49
	-1.01	-0.78	-0.63	-0.61	-0.77	-1.50	-1.15	-1.00	-1.10	-0.98	-1.07	-0.87	-1.03	-1.52	-1.38	-1.52	-1.48	-1.59	-1.84	-1.87	-1.77	-0.80	0.00	-0.98
SENECA___115KV_TB3 355854	17.43	14.66	13.28	13.39	11.96	9.01	11.36	11.02	10.70	11.37	11.70	13.27	12.65	12.27	14.25	15.18	15.63	17.59	22.27	25.22	25.71	24.59	26.53	18.79
	-1.20	-1.02	-0.87	-0.89	-0.75	-0.48	-0.73	-0.84	-0.75	-0.79	-0.84	-1.22	-1.40	-0.91	-1.13	-1.16	-1.44	-1.79	-1.72	-1.45	-1.57	-2.10	-2.21	-1.00
	-2.19	-1.70	-1.37	-1.32	-1.54	-2.47	-1.89	-1.65	-1.95	-1.74	-1.90	-1.54	0.84	-2.67	-2.44	-2.19	-0.70	1.70	-3.02	-3.34	-3.17	-1.42	0.00	-1.62
SENECA___ENERGY 23797	17.78	14.98	13.55	13.68	12.14	8.94	11.53	11.30	10.96	11.68	12.02	13.90	17.28	12.57	14.73	16.39	18.37	23.70	23.03	25.61	26.21	25.74	27.88	19.17
	-0.26	-0.25	-0.23	-0.25	-0.20	-0.20	-0.31	-0.33	-0.25	-0.26	-0.28	-0.39	-0.46	-0.29	-0.35	-0.34	-0.54	-0.65	-0.55	-0.37	-0.41	-0.66	-0.86	-0.40
	-1.61	-1.25	-1.01	-0.97	-1.18	-2.13	-1.63	-1.42	-1.70	-1.52	-1.66	-1.34	-2.85	-2.35	-2.14	-2.58	-2.53	-3.27	-2.61	-2.65	-2.51	-1.13	0.00	-1.39
SHOEMAKER___GT 23640	29.17	23.91	20.81	20.74	20.06	20.52	20.79	19.58	19.61	19.55	20.53	21.17	24.61	24.29	25.69	28.15	30.18	36.18	38.25	41.02	41.00	33.58	30.15	27.64
	1.05	0.87	0.73	0.74	0.64	0.35	0.52	0.58	0.54	0.59	0.57	0.67	0.79	0.58	0.71	0.78	0.87	1.16	1.17	1.31	1.35	1.34	1.41	0.85
	-11.68	-9.06	-7.31	-7.04	-8.26	-13.15	-10.07	-8.79	-9.57	-8.53	-9.32	-7.55	-8.93	-13.20	-12.04	-13.23	-12.94	-13.95	-16.11	-16.39	-15.54	-6.98	0.00	-8.61
SHOEMAKR_138KV_BK 111 55601	29.09	23.85	20.78	20.71	19.99	20.40	20.70	19.50	19.55	19.50	20.48	21.14	24.56	24.22	25.62	28.07	30.12	36.05	38.10	40.94	40.90	33.54	30.21	27.57
	1.05	0.87	0.74	0.75	0.65	0.35	0.52	0.59	0.54	0.60	0.59	0.69	0.80	0.59	0.72	0.78	0.88	1.16	1.17	1.33	1.35	1.34	1.47	0.87
	-11.60	-9.00	-7.26	-6.99	-8.18	-13.03	-9.97	-8.71	-9.50	-8.48	-9.26	-7.50	-8.87	-13.11	-11.96	-13.14	-12.86	-13.81	-15.96	-16.28	-15.44	-6.93	0.00	-8.53
SHOREHAM_IC_1 23715	43.34	42.40	47.85	41.54	31.55	25.23	26.63	21.16	26.03	26.37	27.75	32.71	37.84	37.83	41.27	44.99	47.02	68.64	50.65	59.15	63.07	49.40	46.08	39.63
	2.38	1.86	1.65	1.67	1.45	0.86	1.25	1.32	1.23	1.33	1.18	1.37	1.53	1.16	1.41	1.53	1.73	2.30	2.35	2.64	2.70	2.68	2.99	1.85
	-24.52	-26.55	-33.43	-26.90	-18.94	-17.36	-15.17	-9.64	-15.29	-14.61	-15.93	-18.39	-21.41	-26.16	-26.92	-29.31	-28.91	-45.26	-27.33	-33.19	-36.26	-21.46	-14.35	-19.60
SHOREHAM_IC_2 23716	43.34	42.40	47.89	41.54	31.52	25.20	26.60	21.15	26.02	26.36	27.75	32.71	37.82	37.83	41.27	44.99	47.04	68.58	50.61	59.11	63.00	49.40	46.16	39.70
	2.38	1.86	1.69	1.67	1.45	0.86	1.26	1.33	1.23	1.33	1.18	1.37	1.52	1.16	1.41	1.53	1.75	2.28	2.35	2.59	2.63	2.68	3.08	1.94
	-24.52	-26.55	-33.43	-26.90	-18.91	-17.32	-15.14	-9.62	-15.29	-14.61	-15.93	-18.39	-21.41	-26.16	-26.92	-29.31	-28.92	-45.22	-27.29	-33.19	-36.26	-21.46	-14.35	-19.58
SISSONVILLE___ 23735	15.58	13.28	12.14	12.34	10.62	6.69	9.73	9.74	9.25	10.07	10.30	12.51	14.39	10.26	12.53	13.67	15.84	19.98	19.90	22.38	23.17	24.19	27.39	17.26
	-0.85	-0.70	-0.64	-0.62	-0.55	-0.33	-0.47	-0.46	-0.45	-0.53	-0.53	-0.60	-0.69	-0.53	-0.66	-0.75	-0.80	-1.10	-1.07	-1.28	-1.25	-1.21	-1.35	-0.91
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.20	-0.17	-0.19	-0.15	-0.18	-0.27	-0.25	-0.27	-0.27	0.00	0.00	-0.33	-0.32	-0.14	0.00	0.00
SITHE_IND_GS1 24169	16.83	14.24	12.94	13.10	11.48	8.00	10.76	10.63	10.03	10.83	11.12	13.13	15.12	11.37	13.59	14.88	16.96	21.57	21.72	24.13	24.78	24.97	27.54	18.35
	-0.38	-0.34	-0.32	-0.32	-0.28	-0.28	-0.41	-0.42	-0.39	-0.41	-0.42	-0.54	-0.63	-0.41	-0.50	-0.54	-0.66	-0.84	-0.80	-0.77	-0.82	-0.96	-1.21	-0.65
	-0.77	-0.59	-0.48	-0.46	-0.60	-1.26	-0.97	-0.84	-0.92	-0.82	-0.89	-0.72	-0.85	-1.26	-1.15	-1.27	-1.24	-1.34	-1.55	-1.57	-1.49	-0.67	0.00	-0.83
SITHE_IND_GS2 24170	16.83	14.24	12.94	13.10	11.48	8.00	10.76	10.63	10.03	10.83	11.12	13.13	15.12	11.37	13.59	14.88	16.96	21.57	21.72	24.13	24.78	24.97	27.54	18.35
	-0.38	-0.34	-0.32	-0.32	-0.28	-0.28	-0.41	-0.42	-0.39	-0.41	-0.42	-0.54	-0.63	-0.41	-0.50	-0.54	-0.66	-0.84	-0.80	-0.77	-0.82	-0.96	-1.21	-0.65
	-0.77	-0.59	-0.48	-0.46	-0.60	-1.26	-0.97	-0.84	-0.92	-0.82	-0.89	-0.72	-0.85	-1.26	-1.15	-1.27	-1.24	-1.34	-1.55	-1.57	-1.49	-0.67	0.00	-0.83
SITHE_IND_GS3 24171	16.83	14.24	12.94	13.10	11.48	8.00	10.76	10.63	10.03	10.83	11.12	13.13	15.12	11.37	13.59	14.88	16.96	21.57	21.72	24.13	24.78	24.97	27.54	18.35
	-0.38	-0.34	-0.32	-0.32	-0.28	-0.28	-0.41	-0.42	-0.39	-0.41	-0.42	-0.54	-0.63	-0.41	-0.50	-0.54	-0.66	-0.84	-0.80	-0.77	-0.82	-0.96	-1.21	-0.65
	-0.77	-0.59	-0.48	-0.46	-0.60	-1.26	-0.97	-0.84	-0.92	-0.82	-0.89	-0.72	-0.85	-1.26	-1.15	-1.27	-1.24	-1.34	-1.55	-1.57	-1.49	-0.67	0.00	-0.83
SITHE_IND_GS4 24172	16.83	14.24	12.94	13.10	11.48	8.00	10.76	10.63	10.03	10.83	11.12	13.13	15.12	11.37	13.59	14.88	16.96	21.57	21.72	24.13	24.78	24.97	27.54	18.35
	-0.38	-0.34	-0.32	-0.32	-0.28	-0.28	-0.41	-0.42	-0.39	-0.41	-0.42	-0.54	-0.63	-0.41	-0.50	-0.54	-0.66	-0.84	-0.80	-0.77	-0.82	-0.96	-1.21	-0.65
	-0.77	-0.59	-0.48	-0.46	-0.60	-1.26	-0.97	-0.84	-0.92	-0.82	-0.89	-0.72	-0.85	-1.26	-1.15	-1.27	-1.24	-1.34	-1.55	-1.57	-1.49	-0.67	0.00	-0.83

SITHE___BATAVIA 24024	17.62 -0.64 -1.82	14.82 -0.57 -1.41	13.46 -0.46 -1.14	13.59 -0.47 -1.10	12.04 -0.39 -1.27	8.99 -0.27 -2.24	11.50 -0.42 -1.71	11.20 -0.50 -1.49	10.63 -0.47 -1.60	11.34 -0.51 -1.43	11.68 -0.51 -1.56	13.38 -0.83 -1.26	14.15 -0.86 -0.12	12.10 -0.62 -2.20	14.21 -0.74 -2.01	15.38 -0.72 -1.96	16.79 -0.88 -1.30	20.36 -1.03 -0.31	22.64 -1.07 -2.74	25.41 -0.70 -2.79	25.96 -0.80 -2.64	25.16 -1.29 -1.19	27.22 -1.52 0.00	19.04 -0.60 -1.46
SITHE___INDEPEND 23800	16.83 -0.38 -0.77	14.24 -0.34 -0.59	12.94 -0.32 -0.48	13.10 -0.32 -0.46	11.42 -0.28 -0.54	7.68 -0.28 -0.95	10.52 -0.41 -0.72	10.42 -0.42 -0.63	10.03 -0.39 -0.92	10.83 -0.41 -0.82	11.12 -0.41 -0.89	13.13 -0.54 -0.72	15.12 -0.63 -0.85	11.37 -0.41 -1.26	13.59 -0.50 -1.15	14.88 -0.54 -1.27	16.96 -0.65 -1.24	21.24 -0.84 -1.00	21.33 -0.80 -1.16	24.13 -0.77 -1.57	24.80 -0.80 -1.49	24.97 -0.96 -0.67	27.51 -1.24 0.00	18.14 -0.65 -0.62
SITHE___MASSENA 23902	16.06 -0.38 0.00	13.69 -0.29 0.00	12.52 -0.26 0.00	12.72 -0.25 0.00	10.93 -0.23 0.00	6.88 -0.13 0.00	10.02 -0.18 0.00	10.03 -0.17 0.00	9.34 -0.16 0.00	10.20 -0.22 0.00	10.43 -0.21 0.00	12.75 -0.19 0.00	14.66 -0.24 0.00	10.31 -0.20 0.00	12.69 -0.25 0.00	13.84 -0.31 0.00	16.06 -0.31 0.00	20.59 -0.48 0.00	20.49 -0.48 0.00	22.68 -0.65 0.00	23.46 -0.65 0.00	24.71 -0.56 0.00	28.17 -0.57 0.00	17.77 -0.40 0.00
SITHE___OGDNSBRG 24021	16.03 -0.41 0.00	13.66 -0.32 0.00	12.48 -0.29 0.00	12.70 -0.26 0.00	10.92 -0.25 0.00	6.88 -0.13 0.00	10.02 -0.18 0.00	10.00 -0.20 0.00	9.29 -0.22 0.00	10.11 -0.31 0.00	10.33 -0.31 0.00	12.61 -0.34 0.00	14.49 -0.40 0.00	10.18 -0.34 0.00	12.51 -0.43 0.00	13.65 -0.50 0.00	15.90 -0.47 0.00	20.49 -0.59 0.00	20.47 -0.50 0.00	22.70 -0.63 0.00	23.58 -0.53 0.00	24.81 -0.45 0.00	28.25 -0.49 0.00	17.79 -0.38 0.00
SITHE___STERLING 23777	17.52 0.31 -0.77	14.84 0.25 -0.60	13.46 0.20 -0.48	13.65 0.22 -0.47	11.99 0.21 -0.62	8.22 0.09 -1.11	11.18 0.12 -0.85	11.06 0.11 -0.74	10.39 0.07 -0.82	11.25 0.09 -0.73	11.53 0.10 -0.80	13.67 0.08 -0.64	15.76 0.10 -0.76	11.75 0.11 -1.13	14.10 0.13 -1.03	15.43 0.16 -1.13	17.65 0.18 -1.10	22.55 0.29 -1.18	22.71 0.38 -1.36	25.25 0.54 -1.39	26.03 0.60 -1.32	26.39 0.53 -0.59	29.23 0.49 0.00	19.23 0.33 -0.73
SLEIGHT__34_KV_TB1 80719	17.55 -0.41 -1.52	14.79 -0.38 -1.18	13.40 -0.33 -0.95	13.54 -0.34 -0.92	11.96 -0.28 -1.07	8.47 -0.24 -1.69	11.14 -0.36 -1.29	10.95 -0.38 -1.13	10.55 -0.35 -1.40	11.32 -0.35 -1.25	11.66 -0.34 -1.36	13.55 -0.50 -1.11	15.61 -0.60 -1.31	12.03 -0.36 -1.87	14.22 -0.43 -1.70	15.58 -0.44 -1.87	17.58 -0.62 -1.83	22.09 -0.78 -1.79	22.35 -0.69 -2.07	25.24 -0.49 -2.40	25.81 -0.58 -2.28	25.40 -0.88 -1.02	27.39 -1.35 0.00	18.73 -0.55 -1.11
SMITHTWN_69_KV_BK 1 55830	43.20 2.25 -24.51	42.42 1.76 -26.67	51.00 1.60 -36.63	41.59 1.57 -27.05	31.51 1.36 -18.99	25.17 0.80 -17.35	26.56 1.17 -15.18	21.07 1.24 -9.62	25.99 1.16 -15.33	26.34 1.27 -14.65	27.81 1.20 -15.97	32.81 1.40 -18.46	37.95 1.56 -21.49	37.94 1.19 -26.24	41.41 1.45 -27.02	45.11 1.54 -29.42	47.14 1.74 -29.03	77.26 2.28 -53.90	50.61 2.24 -27.40	59.16 2.50 -33.34	63.10 2.56 -36.44	50.60 2.65 -22.68	46.21 3.02 -14.45	39.73 1.91 -19.65
SOUTH CAIRO___GT 23612	32.11 0.61 -15.07	26.22 0.55 -11.69	22.65 0.45 -9.43	22.54 0.49 -9.08	22.22 0.44 -10.62	24.12 0.21 -16.89	23.42 0.29 -12.93	21.72 0.22 -11.29	22.01 0.20 -12.31	21.59 0.19 -10.98	22.77 0.14 -11.99	22.85 0.18 -9.72	26.59 0.21 -11.48	27.64 0.14 -16.99	28.65 0.22 -15.49	31.42 0.25 -17.02	33.37 0.34 -16.66	39.47 0.48 -17.91	42.31 0.65 -20.69	45.23 0.82 -21.08	45.00 0.89 -20.00	35.05 0.81 -8.98	30.09 1.35 0.00	29.68 0.45 -11.05
SOUTH HAMPTN___IC 23720	43.39 2.43 -24.52	42.42 1.92 -26.52	47.63 1.70 -33.16	41.54 1.71 -26.87	31.56 1.48 -18.92	25.25 0.88 -17.35	26.65 1.29 -15.16	21.19 1.35 -9.64	26.04 1.25 -15.29	26.40 1.38 -14.60	27.78 1.22 -15.92	32.74 1.42 -18.37	37.88 1.59 -21.39	37.85 1.20 -26.13	41.30 1.46 -26.89	45.03 1.60 -29.29	47.08 1.82 -28.89	68.08 2.42 -44.58	50.73 2.45 -27.31	59.22 2.73 -33.16	63.15 2.82 -36.22	49.39 2.78 -21.35	46.14 3.08 -14.32	39.68 1.93 -19.58
SOUTHDOW_115KV_TB1 355954	17.58 -1.23 -2.37	14.79 -1.03 -1.84	13.32 -0.95 -1.49	13.43 -0.96 -1.43	12.03 -0.80 -1.67	9.20 -0.51 -2.69	11.49 -0.78 -2.06	11.16 -0.85 -1.80	10.86 -0.75 -2.11	11.49 -0.81 -1.88	11.86 -0.83 -2.06	13.41 -1.20 -1.67	13.98 -1.40 -0.49	12.51 -0.91 -2.91	14.46 -1.13 -2.65	15.60 -1.19 -2.64	16.78 -1.38 -1.78	19.82 -1.71 -0.45	22.74 -1.53 -3.30	25.78 -1.17 -3.61	26.41 -1.13 -3.43	25.29 -1.52 -1.54	27.45 -1.29 0.00	19.35 -0.58 -1.76
SOUTHOLD_69_KV_BK 2 55809	43.44 2.48 -24.52	42.44 1.93 -26.52	47.69 1.75 -33.16	41.57 1.74 -26.87	31.55 1.50 -18.89	25.22 0.88 -17.32	26.62 1.29 -15.13	21.18 1.36 -9.62	26.05 1.26 -15.28	26.42 1.40 -14.60	27.77 1.21 -15.92	32.72 1.40 -18.37	37.83 1.55 -21.39	37.84 1.19 -26.14	41.30 1.46 -26.89	45.05 1.61 -29.29	47.15 1.88 -28.89	68.12 2.49 -44.55	50.73 2.50 -27.27	59.27 2.78 -33.16	63.15 2.82 -36.22	49.42 2.80 -21.35	46.20 3.13 -14.32	39.79 2.05 -19.56
SOUTHOLD___IC 23719	43.44 2.48 -24.52	42.44 1.93 -26.52	47.66 1.72 -33.16	41.57 1.74 -26.87	31.58 1.50 -18.92	25.26 0.88 -17.35	26.65 1.29 -15.16	21.20 1.36 -9.64	26.05 1.26 -15.29	26.42 1.40 -14.60	27.77 1.21 -15.92	32.72 1.40 -18.37	37.87 1.58 -21.39	37.84 1.19 -26.14	41.28 1.45 -26.89	45.04 1.60 -29.29	47.13 1.87 -28.89	68.18 2.51 -44.59	50.78 2.49 -27.31	59.29 2.80 -33.16	63.18 2.84 -36.22	49.42 2.80 -21.35	46.11 3.05 -14.32	39.72 1.96 -19.59
SOUTH_FORK_WT_PWR 323839	43.29 2.33 -24.52	42.32 1.82 -26.52	47.55 1.61 -33.16	41.45 1.62 -26.87	31.49 1.41 -18.92	25.19 0.82 -17.35	26.56 1.19 -15.16	21.11 1.27 -9.64	25.97 1.18 -15.29	26.33 1.31 -14.60	27.64 1.09 -15.92	32.57 1.26 -18.37	37.70 1.42 -21.39	37.71 1.06 -26.14	41.13 1.29 -26.89	44.88 1.44 -29.29	46.95 1.69 -28.89	67.94 2.28 -44.58	50.50 2.22 -27.31	58.99 2.50 -33.16	62.89 2.55 -36.22	49.09 2.48 -21.35	45.76 2.70 -14.32	39.56 1.80 -19.58
SPIERFLS_115KV_TB 1 80737	34.08 0.82 -16.81	27.71 0.69 -13.05	23.89 0.59 -10.53	23.72 0.62 -10.14	23.56 0.55 -11.85	26.15 0.29 -18.84	25.02 0.40 -14.42	23.19 0.40 -12.59	23.59 0.36 -13.72	23.06 0.40 -12.24	24.45 0.44 -13.37	24.31 0.53 -10.83	28.31 0.61 -12.80	29.89 0.43 -18.94	30.81 0.60 -17.27	33.81 0.68 -18.98	35.70 0.75 -18.57	42.07 1.01 -19.98	45.10 1.05 -23.08	48.10 1.26 -23.51	47.74 1.33 -22.30	36.59 1.31 -10.01	30.12 1.38 0.00	31.32 0.82 -12.33
ST LAWRENCE____ 23600	16.03 -0.41 0.00	13.66 -0.32 0.00	12.49 -0.28 0.00	12.69 -0.27 0.00	10.91 -0.26 0.00	6.87 -0.15 0.00	10.00 -0.20 0.00	10.00 -0.20 0.00	9.32 -0.18 0.00	10.20 -0.22 0.00	10.41 -0.22 0.00	12.73 -0.22 0.00	14.63 -0.27 0.00	10.30 -0.21 0.00	12.68 -0.26 0.00	13.84 -0.31 0.00	16.05 -0.33 0.00	20.59 -0.48 0.00	20.47 -0.50 0.00	22.65 -0.68 0.00	23.43 -0.67 0.00	24.66 -0.61 0.00	28.14 -0.60 0.00	17.76 -0.42 0.00

STATE_CA_115KV_115_LB 55624	33.33 0.46 -16.43	27.15 0.42 -12.75	23.50 0.43 -10.29	23.32 0.45 -9.91	23.13 0.39 -11.58	25.63 0.20 -18.41	24.58 0.29 -14.09	22.73 0.22 -12.30	23.12 0.20 -13.41	22.62 0.23 -11.96	23.95 0.24 -13.07	23.82 0.28 -10.59	27.74 0.33 -12.51	29.26 0.23 -18.51	30.12 0.30 -16.88	33.04 0.34 -18.55	34.90 0.38 -18.15	41.02 0.42 -19.52	43.96 0.44 -22.55	46.84 0.54 -22.98	46.46 0.55 -21.80	35.66 0.61 -9.78	29.40 0.66 0.00	30.64 0.42 -12.05
STATE_ST_34_KV_LOAD 55959	17.95 -0.07 -1.57	15.13 -0.07 -1.22	13.68 -0.08 -0.98	13.82 -0.09 -0.95	12.19 -0.08 -1.11	8.74 -0.13 -1.86	11.42 -0.20 -1.42	11.23 -0.21 -1.24	10.85 -0.19 -1.54	11.62 -0.18 -1.37	11.96 -0.18 -1.50	13.90 -0.26 -1.21	16.61 -0.31 -2.03	12.53 -0.19 -2.20	14.73 -0.22 -2.01	16.25 -0.21 -2.32	18.67 -0.29 -2.59	23.26 -0.36 -2.54	23.00 -0.25 -2.28	25.87 -0.09 -2.63	26.49 -0.12 -2.50	26.08 -0.30 -1.12	28.14 -0.60 0.00	19.17 -0.22 -1.22
STATION_5_MISC_HYD 23604	17.55 -0.48 -1.59	14.78 -0.43 -1.23	13.41 -0.36 -0.99	13.56 -0.36 -0.96	11.95 -0.30 -1.09	8.73 -0.24 -1.95	11.33 -0.37 -1.50	11.10 -0.41 -1.31	10.52 -0.37 -1.38	11.28 -0.37 -1.23	11.62 -0.36 -1.35	13.46 -0.58 -1.09	15.06 -0.68 -0.85	12.00 -0.42 -1.91	14.19 -0.49 -1.74	15.48 -0.50 -1.83	17.56 -0.74 -1.92	22.24 -0.91 -2.07	22.52 -0.84 -2.39	25.16 -0.61 -2.43	25.72 -0.70 -2.31	25.22 -1.09 -1.04	27.31 -1.44 0.00	18.91 -0.54 -1.28
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	17.66 -0.36 -1.58	14.88 -0.34 -1.23	13.49 -0.28 -0.99	13.62 -0.30 -0.96	12.03 -0.25 -1.12	8.57 -0.21 -1.76	11.22 -0.33 -1.35	11.03 -0.35 -1.18	10.85 -0.10 -1.45	11.63 -0.08 -1.29	12.01 -0.04 -1.41	13.94 -0.16 -1.15	16.07 -0.18 -1.35	12.33 -0.07 -1.88	14.59 -0.06 -1.72	16.00 -0.04 -1.89	17.62 -0.61 -1.85	22.21 -0.74 -1.87	22.48 -0.65 -2.16	25.37 -0.44 -2.49	25.96 -0.51 -2.36	25.52 -0.81 -1.06	27.51 -1.24 0.00	18.85 -0.47 -1.15
STA_56_34_KV_BUS2_REV_LBMP_B 345033	17.47 -0.54 -1.57	14.73 -0.48 -1.22	13.35 -0.41 -0.98	13.49 -0.41 -0.95	11.92 -0.35 -1.11	8.46 -0.27 -1.71	11.10 -0.41 -1.31	10.90 -0.45 -1.14	10.51 -0.41 -1.41	11.26 -0.42 -1.26	11.61 -0.40 -1.37	13.44 -0.62 -1.11	15.05 -0.73 -0.89	11.94 -0.45 -1.88	14.12 -0.53 -1.71	15.41 -0.54 -1.80	17.12 -0.79 -1.53	21.92 -0.97 -1.81	22.18 -0.88 -2.09	25.07 -0.68 -2.42	25.63 -0.77 -2.29	25.16 -1.14 -1.03	27.08 -1.67 0.00	18.66 -0.64 -1.12
STA_56___34_KV_BUS2 355983	17.47 -0.54 -1.57	14.73 -0.48 -1.22	13.35 -0.41 -0.98	13.49 -0.41 -0.95	11.92 -0.35 -1.11	8.46 -0.27 -1.71	11.10 -0.41 -1.31	10.90 -0.45 -1.14	10.51 -0.41 -1.41	11.26 -0.42 -1.26	11.61 -0.40 -1.37	13.44 -0.62 -1.11	15.05 -0.73 -0.89	11.94 -0.45 -1.88	14.12 -0.53 -1.71	15.41 -0.54 -1.80	17.12 -0.79 -1.53	21.92 -0.97 -1.81	22.18 -0.88 -2.09	25.07 -0.68 -2.42	25.63 -0.77 -2.29	25.16 -1.14 -1.03	27.08 -1.67 0.00	18.66 -0.64 -1.12
STA_67___115KV_BK2 355882	17.51 -0.51 -1.58	14.75 -0.46 -1.23	13.40 -0.37 -0.99	13.53 -0.39 -0.96	11.95 -0.32 -1.12	8.50 -0.25 -1.72	11.15 -0.38 -1.32	10.93 -0.43 -1.15	10.53 -0.39 -1.42	11.29 -0.40 -1.27	11.63 -0.39 -1.38	13.46 -0.61 -1.12	15.05 -0.71 -0.87	11.98 -0.44 -1.91	14.15 -0.53 -1.74	15.45 -0.52 -1.83	17.13 -0.79 -1.54	21.96 -0.95 -1.83	22.22 -0.86 -2.11	25.13 -0.63 -2.43	25.69 -0.72 -2.31	25.16 -1.14 -1.04	27.10 -1.64 0.00	18.70 -0.60 -1.13
STA_7___115KV_9TRANS 80674	17.61 -0.41 -1.59	14.84 -0.38 -1.23	13.46 -0.31 -0.99	13.59 -0.32 -0.96	12.01 -0.27 -1.12	8.53 -0.21 -1.73	11.20 -0.33 -1.32	10.99 -0.37 -1.15	10.59 -0.33 -1.42	11.35 -0.34 -1.27	11.70 -0.32 -1.38	13.54 -0.53 -1.12	15.17 -0.61 -0.88	12.05 -0.37 -1.91	14.25 -0.43 -1.74	15.55 -0.42 -1.83	17.27 -0.65 -1.55	22.11 -0.80 -1.83	22.37 -0.71 -2.11	25.30 -0.47 -2.43	25.89 -0.53 -2.31	25.37 -0.93 -1.04	27.31 -1.44 0.00	18.81 -0.49 -1.13
STA_82___115KV_TB1 80780	17.52 -0.51 -1.59	14.77 -0.45 -1.24	13.40 -0.37 -1.00	13.53 -0.39 -0.96	11.96 -0.32 -1.12	8.51 -0.25 -1.73	11.15 -0.38 -1.33	10.95 -0.42 -1.16	10.55 -0.38 -1.43	11.30 -0.40 -1.27	11.65 -0.38 -1.39	13.47 -0.61 -1.13	15.11 -0.71 -0.93	11.99 -0.44 -1.92	14.17 -0.52 -1.75	15.47 -0.52 -1.85	17.19 -0.77 -1.59	21.97 -0.95 -1.84	22.24 -0.86 -2.13	25.15 -0.63 -2.45	25.71 -0.72 -2.32	25.20 -1.11 -1.04	27.10 -1.64 0.00	18.73 -0.58 -1.14
STEEL___WIND 323596	17.40 -1.23 -2.19	14.65 -1.03 -1.70	13.25 -0.89 -1.37	13.36 -0.92 -1.32	11.96 -0.76 -1.55	9.21 -0.49 -2.68	11.50 -0.75 -2.05	11.15 -0.85 -1.79	10.68 -0.76 -1.94	11.34 -0.81 -1.73	11.68 -0.85 -1.89	13.25 -1.23 -1.53	12.62 -1.42 0.85	12.25 -0.94 -2.67	14.23 -1.15 -2.44	15.15 -1.19 -2.19	15.65 -1.47 -0.75	17.79 -1.81 1.47	22.51 -1.74 -3.28	25.15 -1.52 -3.34	25.64 -1.64 -3.17	24.57 -2.12 -1.42	26.70 -2.04 0.00	18.93 -1.00 -1.75
STEPHTWN_115KV_BK_2 55603	33.25 0.54 -16.27	27.10 0.49 -12.62	23.46 0.50 -10.18	23.29 0.52 -9.81	23.08 0.45 -11.47	25.48 0.23 -18.23	24.49 0.33 -13.96	22.65 0.27 -12.18	23.03 0.25 -13.28	22.55 0.28 -11.85	23.88 0.30 -12.94	23.80 0.36 -10.49	27.69 0.40 -12.39	29.13 0.28 -18.33	30.03 0.38 -16.72	32.94 0.42 -18.37	34.82 0.47 -17.98	40.96 0.55 -19.33	43.87 0.57 -22.33	46.78 0.70 -22.75	46.42 0.72 -21.58	35.71 0.76 -9.69	29.58 0.83 0.00	30.63 0.53 -11.93
STEUBEN_REC_LFGE 323667	18.39 -0.95 -2.90	15.40 -0.84 -2.25	13.83 -0.77 -1.82	13.91 -0.80 -1.75	12.51 -0.69 -2.04	9.93 -0.46 -3.37	12.08 -0.70 -2.58	11.69 -0.77 -2.25	11.38 -0.72 -2.60	11.93 -0.81 -2.32	12.29 -0.88 -2.53	13.81 -1.19 -2.05	21.92 -1.40 -8.42	13.24 -0.94 -3.66	15.15 -1.13 -3.34	17.75 -1.17 -4.78	22.91 -1.39 -7.93	32.49 -1.71 -13.12	23.67 -1.43 -4.13	26.68 -1.10 -4.45	27.24 -1.08 -4.22	25.77 -1.39 -1.89	27.22 -1.52 0.00	19.69 -0.69 -2.21
STILLWATER___SOLAR 323814	34.01 0.82 -16.74	27.67 0.70 -12.99	23.87 0.61 -10.48	23.69 0.64 -10.10	23.54 0.56 -11.82	26.11 0.30 -18.79	25.01 0.42 -14.39	23.17 0.41 -12.56	23.54 0.37 -13.67	23.02 0.41 -12.19	24.38 0.43 -13.32	24.26 0.52 -10.79	28.24 0.60 -12.75	29.81 0.43 -18.86	30.70 0.56 -17.20	33.69 0.64 -18.90	35.59 0.72 -18.49	41.98 0.97 -19.93	44.98 0.99 -23.02	47.93 1.19 -23.41	47.55 1.23 -22.21	36.47 1.24 -9.97	30.07 1.32 0.00	31.33 0.85 -12.30
STONY___BROOK 24151	43.22 2.27 -24.51	42.38 1.78 -26.62	49.12 1.56 -34.79	41.53 1.58 -26.99	31.52 1.37 -18.98	25.20 0.81 -17.38	26.58 1.18 -15.19	21.10 1.25 -9.64	25.99 1.17 -15.32	26.34 1.28 -14.63	27.80 1.20 -15.96	32.79 1.41 -18.43	37.94 1.58 -21.46	37.90 1.18 -26.21	41.35 1.44 -26.98	45.07 1.54 -29.38	47.09 1.73 -28.98	72.25 2.28 -48.90	50.61 2.24 -27.39	59.10 2.50 -33.27	63.05 2.58 -36.36	49.90 2.65 -21.98	46.08 2.93 -14.41	39.67 1.85 -19.65
STURGEON_POOL_HYD 23609	30.72 1.33 -12.95	25.12 1.09 -10.05	21.79 0.91 -8.10	21.69 0.92 -7.81	21.08 0.79 -9.12	21.98 0.44 -14.53	21.98 0.65 -11.12	20.66 0.74 -9.71	20.80 0.70 -10.59	20.64 0.77 -9.45	21.69 0.73 -10.32	22.19 0.88 -8.36	25.79 1.01 -9.88	25.88 0.75 -14.62	27.20 0.93 -13.33	29.79 0.99 -14.65	31.86 1.15 -14.34	38.00 1.52 -15.40	40.32 1.55 -17.80	43.18 1.70 -18.15	43.08 1.76 -17.21	34.71 1.72 -7.73	30.76 2.01 0.00	28.75 1.07 -9.51

ST_LAW_115_BK7_LBMP 345037	16.00 -0.44 0.00	13.63 -0.35 0.00	12.47 -0.31 0.00	12.67 -0.30 0.00	10.89 -0.27 0.00	6.86 -0.15 0.00	9.98 -0.22 0.00	9.99 -0.21 0.00	9.31 -0.19 0.00	10.18 -0.24 0.00	10.39 -0.24 0.00	12.70 -0.25 0.00	14.61 -0.28 0.00	10.28 -0.23 0.00	12.66 -0.28 0.00	13.81 -0.34 0.00	16.01 -0.36 0.00	20.55 -0.53 0.00	20.42 -0.55 0.00	22.61 -0.72 0.00	23.39 -0.72 0.00	24.61 -0.66 0.00	28.08 -0.66 0.00	17.72 -0.45 0.00
ST_LAW_115_BK8_LBMP 345038	16.00 -0.44 0.00	13.63 -0.35 0.00	12.47 -0.31 0.00	12.67 -0.30 0.00	10.89 -0.27 0.00	6.86 -0.15 0.00	9.98 -0.22 0.00	9.99 -0.21 0.00	9.31 -0.19 0.00	10.18 -0.24 0.00	10.39 -0.24 0.00	12.70 -0.25 0.00	14.61 -0.28 0.00	10.28 -0.23 0.00	12.66 -0.28 0.00	13.81 -0.34 0.00	16.01 -0.36 0.00	20.55 -0.53 0.00	20.42 -0.55 0.00	22.61 -0.72 0.00	23.39 -0.72 0.00	24.61 -0.66 0.00	28.08 -0.66 0.00	17.72 -0.45 0.00
ST_LAW_230_BK5_LBMP 345035	16.03 -0.41 0.00	13.66 -0.32 0.00	12.49 -0.28 0.00	12.69 -0.27 0.00	10.91 -0.26 0.00	6.87 -0.15 0.00	10.00 -0.20 0.00	10.00 -0.20 0.00	9.32 -0.18 0.00	10.20 -0.22 0.00	10.41 -0.22 0.00	12.73 -0.22 0.00	14.63 -0.27 0.00	10.30 -0.21 0.00	12.68 -0.26 0.00	13.84 -0.31 0.00	16.05 -0.33 0.00	20.59 -0.48 0.00	20.47 -0.50 0.00	22.65 -0.68 0.00	23.43 -0.67 0.00	24.66 -0.61 0.00	28.14 -0.60 0.00	17.76 -0.42 0.00
ST_LAW_230_BK6_LBMP 345036	16.03 -0.41 0.00	13.66 -0.32 0.00	12.49 -0.28 0.00	12.69 -0.27 0.00	10.91 -0.26 0.00	6.87 -0.15 0.00	10.00 -0.20 0.00	10.00 -0.20 0.00	9.32 -0.18 0.00	10.20 -0.22 0.00	10.41 -0.22 0.00	12.73 -0.22 0.00	14.63 -0.27 0.00	10.30 -0.21 0.00	12.68 -0.26 0.00	13.84 -0.31 0.00	16.05 -0.33 0.00	20.59 -0.48 0.00	20.47 -0.50 0.00	22.65 -0.68 0.00	23.43 -0.67 0.00	24.66 -0.61 0.00	28.14 -0.60 0.00	17.76 -0.42 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	29.58 1.20 -11.94	24.22 0.98 -9.26	21.09 0.84 -7.47	21.00 0.84 -7.20	20.30 0.73 -8.41	20.83 0.41 -13.40	21.07 0.60 -10.26	19.83 0.67 -8.96	19.91 0.63 -9.77	19.84 0.70 -8.72	20.84 0.68 -9.52	21.47 0.80 -7.72	24.94 0.92 -9.12	24.69 0.68 -13.49	26.08 0.84 -12.30	28.57 0.91 -13.52	30.65 1.05 -13.23	36.66 1.37 -14.21	38.77 1.38 -16.42	41.59 1.52 -16.74	41.56 1.57 -15.89	33.96 1.57 -7.13	30.44 1.70 0.00	27.94 1.00 -8.77
SWANROAD_115KV_TB1 355699	16.99 -1.45 -2.00	14.32 -1.22 -1.55	12.98 -1.05 -1.25	13.11 -1.06 -1.21	11.69 -0.88 -1.41	8.69 -0.56 -2.23	11.06 -0.86 -1.71	10.71 -0.99 -1.49	10.39 -0.89 -1.78	11.07 -0.95 -1.59	11.38 -1.00 -1.74	12.93 -1.42 -1.41	13.07 -1.41 0.41	11.85 -1.35 -2.43	13.81 -1.35 -2.22	14.82 -1.39 -2.06	15.76 -1.51 -0.89	18.29 1.37 0.91	21.57 -2.14 -2.74	24.45 -1.94 -3.05	24.88 -2.12 -2.90	23.84 -2.73 -1.30	25.55 -3.19 0.00	18.25 -1.38 -1.46
SYNERGY___BIOGAS 323694	17.62 -0.64 -1.82	14.82 -0.57 -1.41	13.46 -0.46 -1.14	13.59 -0.47 -1.10	12.05 -0.39 -1.28	8.76 -0.27 -2.01	11.33 -0.42 -1.54	11.05 -0.50 -1.35	10.65 -0.48 -1.63	11.36 -0.51 -1.45	11.71 -0.51 -1.58	13.40 -0.83 -1.28	14.18 -0.86 -0.14	12.10 -0.62 -2.20	14.21 -0.74 -2.01	15.37 -0.74 -1.96	16.66 -0.88 -1.17	20.12 -1.03 -0.07	22.39 -1.05 -2.47	25.46 -0.65 -2.79	26.00 -0.75 -2.64	25.19 -1.26 -1.19	27.02 -1.72 0.00	18.89 -0.60 -1.32
SYRACUSE___ENERGY_ST1 323597	17.65 -0.03 -1.25	14.90 -0.06 -0.97	13.49 -0.06 -0.78	13.64 -0.08 -0.75	11.98 -0.06 -0.88	8.40 -0.13 -1.51	11.16 -0.20 -1.16	11.00 -0.21 -1.01	10.61 -0.19 -1.29	11.40 -0.18 -1.15	11.72 -0.18 -1.26	13.72 -0.25 -1.02	15.82 -0.28 -1.21	12.17 -0.16 -1.81	14.40 -0.19 -1.65	15.78 -0.18 -1.82	17.89 -0.26 -1.78	22.32 -0.36 -1.60	22.53 -0.29 -1.85	25.36 -0.19 -2.21	26.02 -0.19 -2.10	25.85 -0.35 -0.94	28.14 -0.60 0.00	18.91 -0.25 -0.99
SYRACUSE___ENERGY_ST2 323598	17.65 -0.03 -1.25	14.90 -0.06 -0.97	13.49 -0.06 -0.78	13.64 -0.08 -0.75	11.98 -0.06 -0.88	8.40 -0.13 -1.51	11.16 -0.20 -1.16	11.00 -0.21 -1.01	10.61 -0.19 -1.29	11.40 -0.18 -1.15	11.72 -0.18 -1.26	13.72 -0.25 -1.02	15.82 -0.28 -1.21	12.17 -0.16 -1.81	14.40 -0.19 -1.65	15.78 -0.18 -1.82	17.89 -0.26 -1.78	22.32 -0.36 -1.60	22.53 -0.29 -1.85	25.36 -0.19 -2.21	26.02 -0.19 -2.10	25.85 -0.35 -0.94	28.14 -0.60 0.00	18.91 -0.25 -0.99
SYRACUSE___POWER 24017	17.85 0.00 -1.41	15.05 -0.03 -1.10	13.62 -0.04 -0.89	13.76 -0.05 -0.85	12.13 -0.03 -1.00	8.71 -0.11 -1.81	11.42 -0.16 -1.38	11.24 -0.17 -1.21	10.83 -0.16 -1.49	11.60 -0.16 -1.33	11.94 -0.15 -1.45	13.90 -0.22 -1.18	16.03 -0.25 -1.39	12.44 -0.15 -2.08	14.66 -0.17 -1.89	16.06 -0.17 -2.08	18.18 -0.23 -2.03	22.70 -0.30 -1.92	22.97 -0.21 -2.21	25.79 -0.09 -2.55	26.43 -0.10 -2.42	26.10 -0.25 -1.09	28.28 -0.46 0.00	19.17 -0.18 -1.18
TALLMAN_138KV_BK151 55660	30.10 1.36 -12.30	24.64 1.12 -9.54	21.43 0.96 -7.70	21.34 0.96 -7.42	20.66 0.83 -8.67	21.29 0.46 -13.80	21.47 0.69 -10.57	20.21 0.78 -9.23	20.29 0.72 -10.07	20.21 0.80 -8.98	21.23 0.79 -9.81	21.83 0.93 -7.95	25.37 1.09 -9.39	25.20 0.80 -13.88	26.58 0.98 -12.66	29.12 1.06 -13.91	31.20 1.21 -13.61	37.30 1.58 -14.64	39.45 1.57 -16.91	42.32 1.75 -17.24	42.25 1.78 -16.36	34.40 1.79 -7.34	30.70 1.95 0.00	28.35 1.14 -9.03
TEALLAVE_115KV_TB7 355573	17.60 -0.03 -1.20	14.86 -0.06 -0.93	13.46 -0.06 -0.75	13.61 -0.08 -0.72	11.95 -0.06 -0.84	8.43 -0.13 -1.54	11.20 -0.18 -1.18	11.04 -0.19 -1.03	10.61 -0.18 -1.29	11.40 -0.18 -1.15	11.73 -0.17 -1.26	13.72 -0.25 -1.02	15.82 -0.28 -1.20	12.15 -0.16 -1.80	14.40 -0.18 -1.64	15.76 -0.18 -1.80	17.87 -0.26 -1.76	22.37 -0.34 -1.63	22.60 -0.25 -1.88	25.40 -0.14 -2.21	26.04 -0.17 -2.10	25.88 -0.33 -0.94	28.20 -0.55 0.00	18.96 -0.22 -1.01
TELGRAPH_34_KV_EAST 80808	17.31 -1.04 -1.91	14.58 -0.88 -1.48	13.23 -0.74 -1.19	13.35 -0.76 -1.15	11.88 -0.63 -1.34	8.73 -0.41 -2.12	11.19 -0.63 -1.62	10.89 -0.73 -1.42	10.54 -0.67 -1.70	11.23 -0.71 -1.52	11.56 -0.73 -1.66	13.19 -1.10 -1.34	13.61 -1.13 0.15	12.00 -0.83 -2.31	14.04 -1.01 -2.11	15.13 -1.02 -2.00	16.19 -1.20 -1.01	19.17 -1.45 0.45	21.99 -1.57 -2.60	24.96 -1.28 -2.91	25.45 -1.42 -2.77	24.54 -1.97 -1.24	26.33 -2.41 0.00	18.60 -0.96 -1.39
TEMPLE___115KV_TB 2 55572	17.63 -0.03 -1.22	14.87 -0.06 -0.95	13.47 -0.06 -0.76	13.63 -0.06 -0.73	11.98 -0.04 -0.86	8.48 -0.12 -1.58	11.23 -0.18 -1.21	11.07 -0.19 -1.06	10.64 -0.18 -1.32	11.44 -0.17 -1.18	11.76 -0.17 -1.29	13.76 -0.23 -1.04	15.86 -0.27 -1.23	12.20 -0.15 -1.84	14.43 -0.18 -1.68	15.82 -0.17 -1.84	17.93 -0.25 -1.80	22.44 -0.32 -1.67	22.65 -0.25 -1.93	25.45 -0.14 -2.26	26.11 -0.14 -2.15	25.93 -0.30 -0.96	28.23 -0.52 0.00	19.01 -0.20 -1.03
TIANA___69_KV_BK 1 55817	43.39 2.43 -24.52	42.42 1.92 -26.52	47.66 1.72 -33.16	41.54 1.71 -26.87	31.54 1.48 -18.89	25.21 0.88 -17.32	26.62 1.29 -15.13	21.18 1.36 -9.62	26.04 1.25 -15.28	26.39 1.38 -14.60	27.79 1.23 -15.92	32.75 1.44 -18.37	37.86 1.58 -21.39	37.85 1.20 -26.14	41.31 1.48 -26.89	45.04 1.60 -29.29	47.11 1.85 -28.89	68.03 2.40 -44.55	50.69 2.45 -27.27	59.22 2.73 -33.16	63.10 2.77 -36.22	49.42 2.80 -21.35	46.25 3.19 -14.32	39.77 2.04 -19.56

TILDEN___115KV_TB1 80814	17.85 0.00 -1.41	15.05 -0.03 -1.10	13.62 -0.04 -0.89	13.76 -0.05 -0.85	12.13 -0.03 -1.00	8.71 -0.11 -1.81	11.42 -0.16 -1.38	11.24 -0.17 -1.21	10.83 -0.16 -1.49	11.60 -0.16 -1.33	11.94 -0.15 -1.45	13.90 -0.22 -1.18	16.03 -0.25 -1.39	12.44 -0.15 -2.08	14.66 -0.17 -1.89	16.06 -0.17 -2.08	18.18 -0.23 -2.03	22.70 -0.30 -1.92	22.97 -0.21 -2.21	25.79 -0.09 -2.55	26.43 -0.10 -2.42	26.10 -0.25 -1.09	28.28 -0.46 0.00	19.17 -0.18 -1.18
TRIGEN___CC 323695	41.77 1.76 -23.57	54.84 1.38 -39.47	57.36 1.23 -43.36	55.97 1.21 -41.80	38.78 1.05 -26.57	27.22 0.60 -19.60	29.43 0.89 -18.34	20.81 0.98 -9.63	29.55 0.91 -19.13	30.34 1.00 -18.91	32.23 0.98 -20.61	40.61 1.15 -26.51	46.74 1.33 -30.52	46.81 0.98 -35.32	51.83 1.19 -37.70	56.23 1.25 -40.83	58.10 1.38 -40.35	63.72 1.79 -40.85	57.48 1.80 -34.70	70.24 1.98 -44.93	77.23 2.03 -51.10	55.87 2.07 -28.53	56.60 2.36 -25.50	47.11 1.45 -27.49
TRINITY___115KV___4 BK 55933	33.15 0.41 -16.30	27.02 0.39 -12.64	23.39 0.41 -10.20	23.20 0.41 -9.83	23.00 0.36 -11.49	25.46 0.18 -18.26	24.44 0.26 -13.98	22.60 0.19 -12.21	22.99 0.18 -13.30	22.50 0.21 -11.87	23.82 0.22 -12.96	23.71 0.26 -10.50	27.61 0.30 -12.41	29.08 0.20 -18.36	29.94 0.26 -16.74	32.84 0.30 -18.40	34.71 0.33 -18.01	40.80 0.36 -19.36	43.72 0.38 -22.37	46.59 0.47 -22.79	46.21 0.48 -21.62	35.50 0.53 -9.70	29.32 0.57 0.00	30.49 0.36 -11.95
UNION___PROCESSING_DRP 323587	17.52 -0.51 -1.59	14.77 -0.45 -1.24	13.40 -0.37 -1.00	13.53 -0.39 -0.96	11.97 -0.31 -1.12	8.51 -0.25 -1.74	11.16 -0.38 -1.33	10.95 -0.42 -1.16	10.55 -0.38 -1.43	11.30 -0.40 -1.28	11.65 -0.38 -1.39	13.47 -0.61 -1.13	15.10 -0.71 -0.92	12.00 -0.43 -1.92	14.17 -0.52 -1.75	15.47 -0.52 -1.85	17.18 -0.77 -1.58	21.97 -0.95 -1.84	22.24 -0.86 -2.13	25.15 -0.63 -2.45	25.71 -0.72 -2.32	25.20 -1.11 -1.04	27.10 -1.64 0.00	18.73 -0.58 -1.14
UPPER HUDSON___HYD 24058	34.08 0.82 -16.81	27.71 0.69 -13.05	23.89 0.59 -10.53	23.72 0.62 -10.14	23.58 0.55 -11.87	26.18 0.29 -18.87	25.05 0.40 -14.45	23.21 0.40 -12.61	23.59 0.36 -13.73	23.06 0.40 -12.24	24.45 0.44 -13.37	24.32 0.53 -10.84	28.31 0.61 -12.81	29.90 0.44 -18.94	30.81 0.60 -17.27	33.81 0.68 -18.98	35.70 0.75 -18.57	42.10 1.01 -20.01	45.15 1.07 -23.12	48.14 1.31 -23.51	47.74 1.33 -22.30	36.59 1.31 -10.01	30.12 1.38 0.00	31.40 0.87 -12.35
UPPER RAQUET___HYD 24056	15.58 -0.86 0.00	13.28 -0.70 0.00	12.14 -0.64 0.00	12.34 -0.62 0.00	10.62 -0.55 0.00	6.96 -0.33 -0.27	9.94 -0.47 -0.21	9.92 -0.46 -0.18	9.25 -0.45 -0.20	10.07 -0.53 -0.18	10.30 -0.53 -0.19	12.51 -0.60 -0.16	14.39 -0.68 -0.18	10.26 -0.53 -0.27	12.53 -0.66 -0.25	13.66 -0.76 -0.27	15.84 -0.80 -0.26	20.25 -1.12 -0.28	20.23 -1.07 -0.33	22.38 -1.28 -0.33	23.17 -1.25 -0.32	24.20 -1.21 -0.14	27.36 -1.38 0.00	17.44 -0.91 -0.18
VALLEY44_115KV_TB2 355964	17.60 -1.28 -2.45	14.79 -1.09 -1.90	13.35 -0.96 -1.53	13.47 -0.97 -1.48	12.07 -0.81 -1.72	9.28 -0.53 -2.78	11.53 -0.81 -2.13	11.19 -0.88 -1.86	10.89 -0.79 -2.18	11.52 -0.84 -1.94	11.85 -0.90 -2.12	13.40 -1.27 -1.72	14.33 -1.47 -0.91	12.54 -0.98 -3.00	14.47 -1.20 -2.73	15.69 -1.26 -2.80	17.01 -1.49 -2.13	20.33 -1.88 -1.13	22.62 -1.76 -3.41	25.52 -1.54 -3.73	26.01 -1.64 -3.54	24.73 -2.12 -1.59	27.13 -1.61 0.00	18.89 -1.11 -1.82
VALLEY___115KV_TB 1-4 80826	16.36 -0.08 0.00	13.91 -0.07 0.00	12.71 -0.06 0.00	12.91 -0.05 0.00	11.14 -0.02 0.00	6.98 -0.04 0.00	10.14 -0.06 0.00	10.14 -0.06 0.00	9.41 -0.10 0.00	10.32 -0.10 0.00	10.53 -0.11 0.00	12.79 -0.16 0.00	14.70 -0.19 0.00	10.39 -0.13 0.00	12.77 -0.17 0.00	13.97 -0.18 0.00	16.13 -0.25 0.00	20.78 -0.30 0.00	20.68 -0.29 0.00	23.03 -0.30 0.00	23.82 -0.29 0.00	24.94 -0.33 0.00	28.34 -0.40 0.00	17.92 -0.25 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	23.06 0.90 -5.72	19.15 0.73 -4.44	17.01 0.65 -3.58	17.10 0.69 -3.45	15.82 0.63 -4.03	13.90 0.35 -6.53	15.70 0.50 -5.00	15.09 0.52 -4.37	14.77 0.45 -4.82	15.25 0.53 -4.30	15.90 0.56 -4.69	17.39 0.63 -3.80	20.13 0.74 -4.50	17.74 0.57 -6.66	19.73 0.71 -6.07	21.60 0.78 -6.67	23.77 0.87 -6.53	29.12 1.12 -6.93	30.08 1.11 -8.00	32.87 1.28 -8.25	33.34 1.40 -7.83	30.12 1.34 -3.51	30.18 1.44 0.00	23.38 0.93 -4.27
VISCHER___FERRY HYD 24020	33.65 0.67 -16.53	27.39 0.57 -12.83	23.65 0.52 -10.35	23.46 0.53 -9.97	23.30 0.47 -11.67	25.83 0.25 -18.56	24.77 0.36 -14.21	22.94 0.34 -12.40	23.32 0.31 -13.50	22.82 0.35 -12.04	24.16 0.37 -13.15	24.05 0.44 -10.66	27.98 0.49 -12.59	29.49 0.35 -18.63	30.35 0.43 -16.99	33.29 0.48 -18.66	35.21 0.57 -18.26	41.50 0.74 -19.68	44.48 0.78 -22.73	47.36 0.91 -23.12	46.98 0.94 -21.93	36.05 0.94 -9.85	29.75 1.01 0.00	30.99 0.67 -12.15
V_A_10_SYNC_DSASP 323832	17.31 -0.92 -1.80	14.59 -0.78 -1.39	13.25 -0.65 -1.12	13.37 -0.67 -1.08	11.86 -0.55 -1.24	8.85 -0.37 -2.20	11.32 -0.56 -1.68	11.02 -0.65 -1.47	10.49 -0.59 -1.57	11.22 -0.60 -1.40	11.52 -0.65 -1.53	13.22 -0.97 -1.24	13.83 -1.12 -0.05	11.96 -0.73 -2.17	14.03 -0.89 -1.98	15.15 -0.91 -1.91	16.40 -1.19 -1.22	19.76 -1.50 -0.18	22.21 -1.45 -2.69	24.83 -1.24 -2.74	25.28 -1.42 -2.60	24.53 -1.90 -1.17	26.47 -2.27 0.00	18.70 -0.91 -1.44
V_CMM_10_SYNC_DSASP 323787	16.06 -0.38 0.00	13.69 -0.29 0.00	12.52 -0.26 0.00	12.72 -0.25 0.00	10.93 -0.23 0.00	6.88 -0.13 0.00	10.03 -0.17 0.00	10.03 -0.17 0.00	9.35 -0.15 0.00	10.23 -0.20 0.00	10.45 -0.19 0.00	12.75 -0.19 0.00	14.67 -0.22 0.00	10.34 -0.18 0.00	12.71 -0.23 0.00	13.87 -0.28 0.00	16.08 -0.29 0.00	20.61 -0.46 0.00	20.49 -0.48 0.00	22.68 -0.65 0.00	23.46 -0.65 0.00	24.71 -0.56 0.00	28.17 -0.57 0.00	17.77 -0.40 0.00
V_CMP_10_SYNC_DSASP 323788	15.93 -0.51 0.00	13.61 -0.38 0.00	12.48 -0.29 0.00	12.70 -0.26 0.00	10.94 -0.22 0.00	6.90 -0.12 0.00	10.08 -0.12 0.00	10.11 -0.09 0.00	9.43 -0.08 0.00	10.30 -0.12 0.00	10.53 -0.11 0.00	12.87 -0.08 0.00	14.81 -0.09 0.00	10.42 -0.09 0.00	12.81 -0.13 0.00	13.95 -0.20 0.00	16.13 -0.25 0.00	20.59 -0.48 0.00	20.40 -0.57 0.00	22.54 -0.79 0.00	23.29 -0.82 0.00	24.46 -0.81 0.00	27.88 -0.86 0.00	17.61 -0.56 0.00
V_D_10_SYNC_DSASP 323841	16.06 -0.38 0.00	13.69 -0.29 0.00	12.52 -0.26 0.00	12.72 -0.25 0.00	10.93 -0.23 0.00	6.88 -0.13 0.00	10.03 -0.17 0.00	10.03 -0.17 0.00	9.35 -0.15 0.00	10.22 -0.21 0.00	10.44 -0.20 0.00	12.75 -0.19 0.00	14.67 -0.22 0.00	10.33 -0.19 0.00	12.69 -0.25 0.00	13.85 -0.30 0.00	16.06 -0.31 0.00	20.59 -0.48 0.00	20.49 -0.48 0.00	22.68 -0.65 0.00	23.48 -0.63 0.00	24.71 -0.56 0.00	28.17 -0.57 0.00	17.77 -0.40 0.00
V_E_10_SYNC_DSASP 323830	21.42 0.85 -4.13	17.86 0.67 -3.20	15.93 0.58 -2.58	16.09 0.64 -2.49	14.79 0.59 -3.04	12.33 0.33 -4.98	14.47 0.45 -3.82	13.97 0.44 -3.33	13.45 0.29 -3.65	14.03 0.35 -3.25	14.56 0.37 -3.55	16.19 0.36 -2.88	19.29 0.42 -3.98	15.89 0.35 -5.03	17.96 0.43 -4.59	19.79 0.49 -5.15	22.21 0.59 -5.25	28.07 0.91 -6.09	28.12 1.05 -6.11	30.92 1.38 -6.21	31.57 1.57 -5.89	29.30 1.39 -2.64	30.15 1.41 0.00	22.36 0.93 -3.26

V_F_30_NSYNC___DSASP 323816	34.05 0.84 -16.78	27.71 0.71 -13.02	23.90 0.63 -10.50	23.73 0.65 -10.12	23.57 0.57 -11.84	26.16 0.31 -18.83	25.05 0.43 -14.41	23.21 0.42 -12.58	23.58 0.38 -13.69	23.06 0.42 -12.22	24.43 0.45 -13.34	24.30 0.54 -10.81	28.30 0.63 -12.78	29.85 0.44 -18.90	30.76 0.58 -17.23	33.73 0.65 -18.93	35.66 0.75 -18.53	42.03 0.99 -19.96	45.06 1.03 -23.06	48.00 1.21 -23.46	47.61 1.25 -22.25	36.52 1.26 -9.99	30.09 1.35 0.00	31.37 0.87 -12.32
V_F_30_SYNC_DSASP 323786	33.32 0.46 -16.42	27.14 0.42 -12.74	23.49 0.43 -10.28	23.32 0.45 -9.90	23.12 0.39 -11.57	25.62 0.20 -18.40	24.57 0.29 -14.09	22.71 0.21 -12.30	23.11 0.20 -13.40	22.61 0.23 -11.96	23.94 0.24 -13.06	23.81 0.28 -10.58	27.73 0.33 -12.51	29.24 0.23 -18.50	30.11 0.30 -16.87	33.02 0.34 -18.53	34.89 0.38 -18.14	41.01 0.42 -19.51	43.95 0.44 -22.54	46.83 0.54 -22.96	46.45 0.55 -21.78	35.65 0.61 -9.78	29.40 0.66 0.00	30.63 0.42 -12.04
V_XM_10_SYNC_DSASP 323789	15.93 -0.51 0.00	13.61 -0.38 0.00	12.48 -0.29 0.00	12.70 -0.26 0.00	10.94 -0.22 0.00	6.90 -0.12 0.00	10.08 -0.12 0.00	10.11 -0.09 0.00	9.43 -0.08 0.00	10.30 -0.12 0.00	10.53 -0.11 0.00	12.87 -0.08 0.00	14.81 -0.09 0.00	10.42 -0.09 0.00	12.81 -0.13 0.00	13.95 -0.20 0.00	16.13 -0.25 0.00	20.59 -0.48 0.00	20.40 -0.57 0.00	22.54 -0.79 0.00	23.29 -0.82 0.00	24.46 -0.81 0.00	27.88 -0.86 0.00	17.61 -0.56 0.00
W.BABYLN_69_KV_BK1 56697	43.02 2.24 -24.35	44.55 1.76 -28.80	45.70 1.56 -31.37	44.00 1.54 -29.49	32.73 1.33 -20.23	25.51 0.79 -17.71	27.05 1.15 -15.69	21.05 1.22 -9.62	26.61 1.14 -15.96	27.03 1.25 -15.36	28.59 1.21 -16.74	34.16 1.41 -19.80	39.49 1.59 -23.00	39.45 1.19 -27.75	43.19 1.45 -28.80	47.03 1.56 -31.32	49.03 1.75 -30.90	56.85 2.28 -33.49	51.83 2.33 -28.54	61.11 2.59 -35.19	65.54 2.63 -38.80	49.18 2.68 -21.24	48.08 3.05 -16.29	41.04 1.91 -20.96
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	30.25 1.41 -12.39	24.76 1.16 -9.62	21.52 0.98 -7.76	21.43 1.00 -7.47	20.76 0.86 -8.74	21.41 0.48 -13.91	21.57 0.71 -10.65	20.30 0.80 -9.30	20.39 0.74 -10.14	20.30 0.82 -9.05	21.33 0.81 -9.88	21.92 0.96 -8.01	25.48 1.12 -9.47	25.33 0.82 -14.00	26.71 1.01 -12.76	29.26 1.09 -14.02	31.34 1.24 -13.73	37.47 1.64 -14.75	39.65 1.64 -17.04	42.53 1.82 -17.38	42.45 1.86 -16.49	34.51 1.84 -7.40	30.76 2.01 0.00	28.46 1.18 -9.10
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	30.86 1.61 -12.81	25.24 1.31 -9.94	21.93 1.14 -8.02	21.81 1.13 -7.72	21.16 0.97 -9.02	21.93 0.55 -14.37	22.03 0.83 -11.00	20.76 0.93 -9.63	22.16 0.87 -11.78	23.58 0.97 -12.19	24.89 0.96 -13.29	25.67 1.14 -11.58	26.85 1.31 -10.64	26.85 0.96 -15.38	28.69 1.18 -14.57	29.90 1.26 -14.49	32.00 1.44 -14.18	38.21 1.90 -15.24	40.44 1.87 -17.60	43.33 2.05 -17.95	43.21 2.07 -17.03	35.00 2.10 -7.64	31.01 2.27 0.00	28.90 1.33 -9.40
W50THST__13_KV_LOAD 356117	30.96 1.71 -12.81	25.29 1.37 -9.94	21.98 1.19 -8.02	21.88 1.19 -7.72	21.20 1.02 -9.02	21.96 0.58 -14.37	22.07 0.87 -11.00	20.81 0.98 -9.63	22.20 0.92 -11.78	23.63 1.02 -12.19	24.94 1.01 -13.29	25.73 1.20 -11.58	26.94 1.40 -10.64	26.90 1.01 -15.38	28.75 1.24 -14.57	29.97 1.33 -14.49	32.08 1.52 -14.18	38.32 2.00 -15.24	40.54 1.97 -17.60	43.45 2.17 -17.95	43.33 2.19 -17.03	35.11 2.20 -7.64	31.16 2.41 0.00	28.98 1.40 -9.40
WADING RIVER_IC_1 23522	43.33 2.37 -24.52	42.36 1.86 -26.51	47.56 1.65 -33.13	41.48 1.66 -26.86	31.52 1.44 -18.91	25.22 0.85 -17.35	26.61 1.24 -15.16	21.16 1.32 -9.64	26.00 1.22 -15.28	26.34 1.32 -14.60	27.74 1.18 -15.92	32.69 1.37 -18.36	37.81 1.53 -21.39	37.80 1.16 -26.13	41.23 1.40 -26.89	44.94 1.51 -29.28	46.97 1.72 -28.88	67.91 2.30 -44.53	50.61 2.33 -27.31	59.09 2.61 -33.15	63.00 2.68 -36.21	49.28 2.68 -21.34	46.02 2.96 -14.31	39.61 1.85 -19.58
WADING RIVER_IC_2 23547	43.33 2.37 -24.52	42.36 1.86 -26.51	47.56 1.65 -33.13	41.48 1.66 -26.86	31.52 1.44 -18.91	25.22 0.85 -17.35	26.61 1.24 -15.16	21.16 1.32 -9.64	26.00 1.22 -15.28	26.34 1.32 -14.60	27.74 1.18 -15.92	32.69 1.37 -18.36	37.81 1.53 -21.39	37.80 1.16 -26.13	41.23 1.40 -26.89	44.94 1.51 -29.28	46.97 1.72 -28.88	67.91 2.30 -44.53	50.61 2.33 -27.31	59.09 2.61 -33.15	63.00 2.68 -36.21	49.28 2.68 -21.34	46.02 2.96 -14.31	39.61 1.85 -19.58
WADING RIVER_IC_3 23601	43.33 2.37 -24.52	42.36 1.86 -26.51	47.56 1.65 -33.13	41.48 1.66 -26.86	31.52 1.44 -18.91	25.22 0.85 -17.35	26.61 1.24 -15.16	21.16 1.32 -9.64	26.00 1.22 -15.28	26.34 1.32 -14.60	27.74 1.18 -15.92	32.69 1.37 -18.36	37.81 1.53 -21.39	37.80 1.16 -26.13	41.23 1.40 -26.89	44.94 1.51 -29.28	46.97 1.72 -28.88	67.91 2.30 -44.53	50.61 2.33 -27.31	59.09 2.61 -33.15	63.00 2.68 -36.21	49.28 2.68 -21.34	46.02 2.96 -14.31	39.61 1.85 -19.58
WALDENNY_12_KV_BK2 80841	17.41 -1.20 -2.17	14.65 -1.02 -1.68	13.27 -0.87 -1.36	13.38 -0.89 -1.31	11.94 -0.75 -1.53	8.98 -0.48 -2.44	11.34 -0.73 -1.87	11.00 -0.84 -1.63	10.69 -0.75 -1.93	11.36 -0.79 -1.72	11.69 -0.83 -1.88	13.27 -1.20 -1.53	12.73 -1.37 0.79	12.25 -0.91 -2.65	14.23 -1.13 -2.42	15.16 -1.16 -2.17	15.68 -1.41 -0.72	17.72 -1.75 1.61	22.24 -1.72 -2.99	25.19 -1.45 -3.31	25.68 -1.57 -3.14	24.58 -2.10 -1.41	26.44 -2.30 0.00	18.77 -1.00 -1.60
WALDEN__HYDRO 24148	30.05 1.27 -12.34	24.61 1.05 -9.58	21.38 0.88 -7.73	21.30 0.89 -7.44	20.63 0.77 -8.70	21.30 0.43 -13.86	21.44 0.63 -10.61	20.17 0.70 -9.26	20.26 0.66 -10.10	20.17 0.73 -9.01	21.19 0.70 -9.84	21.75 0.83 -7.98	25.29 0.97 -9.43	25.16 0.70 -13.95	26.54 0.88 -12.72	29.07 0.95 -13.97	31.15 1.10 -13.68	37.20 1.43 -14.69	39.41 1.47 -16.97	42.27 1.63 -17.31	42.22 1.69 -16.42	34.30 1.67 -7.37	30.55 1.81 0.00	28.30 1.05 -9.07
WARRENSBURG____ 23737	34.08 0.82 -16.81	27.71 0.69 -13.05	23.89 0.59 -10.53	23.72 0.62 -10.14	23.56 0.55 -11.85	26.15 0.29 -18.84	25.02 0.40 -14.42	23.19 0.40 -12.59	23.59 0.36 -13.72	23.06 0.40 -12.24	24.45 0.44 -13.37	24.31 0.53 -10.83	28.31 0.61 -12.80	29.89 0.43 -18.94	30.81 0.60 -17.27	33.81 0.68 -18.98	35.70 0.75 -18.57	42.07 1.01 -19.98	45.10 1.05 -23.08	48.10 1.26 -23.51	47.74 1.33 -22.30	36.59 1.31 -10.01	30.12 1.38 0.00	31.32 0.82 -12.33
WATERSIDE____6 8 9 23538	30.89 1.63 -12.82	25.27 1.34 -9.94	21.97 1.18 -8.02	21.85 1.17 -7.72	21.19 1.00 -9.03	21.95 0.56 -14.37	22.05 0.85 -11.00	20.79 0.94 -9.65	22.95 0.86 -12.58	25.31 0.96 -13.93	26.77 0.95 -15.18	27.69 1.13 -13.61	27.37 1.30 -11.18	27.40 0.95 -15.94	28.67 1.16 -14.56	29.91 1.27 -14.49	31.99 1.44 -14.18	38.17 1.85 -15.23	40.41 1.85 -17.59	43.28 2.01 -17.95	43.19 2.05 -17.03	34.98 2.07 -7.64	31.01 2.27 0.00	28.89 1.31 -9.41
WATKINRD_115KV_LN8_ILLION 55919	16.44 0.00 0.00	13.97 -0.01 0.00	12.76 -0.01 0.00	12.96 0.00 0.00	11.17 0.01 0.00	7.00 -0.01 0.00	10.18 -0.02 0.00	10.18 -0.02 0.00	9.46 -0.05 0.00	10.37 -0.05 0.00	10.59 -0.05 0.00	12.87 -0.08 0.00	14.79 -0.10 0.00	10.45 -0.06 0.00	12.86 -0.08 0.00	14.06 -0.08 0.00	16.26 -0.11 0.00	20.93 -0.15 0.00	20.84 -0.13 0.00	23.21 -0.12 0.00	24.01 -0.10 0.00	25.11 -0.15 0.00	28.54 -0.20 0.00	18.05 -0.13 0.00

WDELAWARE___HYD 323627	29.34 1.30 -11.61	24.05 1.06 -9.00	20.92 0.88 -7.26	20.87 0.91 -7.00	20.15 0.78 -8.21	20.52 0.44 -13.07	20.85 0.64 -10.01	19.64 0.70 -8.74	19.67 0.66 -9.51	19.62 0.72 -8.48	20.58 0.68 -9.26	21.26 0.80 -7.51	24.72 0.95 -8.87	24.33 0.69 -13.12	25.77 0.87 -11.96	28.24 0.95 -13.15	30.32 1.08 -12.86	36.41 1.48 -13.86	38.49 1.51 -16.01	41.31 1.70 -16.28	41.34 1.78 -15.45	33.94 1.74 -6.93	30.58 1.84 0.00	27.80 1.07 -8.55
WEST BABYLON___IC 23714	43.02 2.24 -24.35	44.55 1.76 -28.80	45.70 1.56 -31.37	44.00 1.54 -29.49	32.73 1.33 -20.23	25.51 0.79 -17.71	27.05 1.15 -15.69	21.05 1.22 -9.62	26.61 1.14 -15.96	27.03 1.25 -15.36	28.59 1.21 -16.74	34.16 1.41 -19.80	39.49 1.59 -23.00	39.45 1.19 -27.75	43.19 1.45 -28.80	47.03 1.56 -31.32	49.03 1.75 -30.90	56.85 2.28 -33.49	51.83 2.33 -28.54	61.11 2.59 -35.19	65.54 2.63 -38.80	49.18 2.68 -21.24	48.08 3.05 -16.29	41.04 1.91 -20.96
WEST CANADA___HYD 24049	16.54 0.10 0.00	14.05 0.07 0.00	12.84 0.06 0.00	13.03 0.07 0.00	11.23 0.07 0.00	7.04 0.02 0.00	10.23 0.03 0.00	10.22 0.02 0.00	9.51 0.01 0.00	10.44 0.02 0.00	10.66 0.02 0.00	12.96 0.01 0.00	14.91 0.01 0.00	10.54 0.02 0.00	12.97 0.03 0.00	14.18 0.03 0.00	16.41 0.03 0.00	21.12 0.04 0.00	21.03 0.06 0.00	23.42 0.09 0.00	24.21 0.10 0.00	25.34 0.08 0.00	28.80 0.06 0.00	18.23 0.05 0.00
WESTERN_NY_WIND 24143	17.61 -0.67 -1.84	14.82 -0.59 -1.43	13.46 -0.47 -1.15	13.58 -0.49 -1.11	12.06 -0.40 -1.30	8.78 -0.27 -2.04	11.34 -0.43 -1.56	11.05 -0.52 -1.36	10.66 -0.48 -1.64	11.36 -0.53 -1.47	11.72 -0.52 -1.60	13.39 -0.85 -1.30	14.07 -0.89 -0.07	12.12 -0.63 -2.23	14.21 -0.76 -2.03	15.35 -0.76 -1.97	16.59 -0.92 -1.13	19.97 -1.05 0.06	22.38 -1.09 -2.50	25.45 -0.70 -2.82	25.99 -0.80 -2.67	25.15 -1.31 -1.20	26.99 -1.75 0.00	18.89 -0.62 -1.33
WESTOVER___LESR 323668	20.74 0.02 -4.28	17.31 0.00 -3.32	15.46 0.00 -2.68	15.55 0.00 -2.58	14.19 0.01 -3.02	12.01 -0.04 -5.03	13.98 -0.07 -3.85	13.48 -0.08 -3.36	13.20 -0.08 -3.78	13.73 -0.06 -3.37	14.23 -0.09 -3.68	15.76 -0.17 -2.98	18.60 -0.19 -3.90	15.64 -0.11 -5.23	17.60 -0.12 -4.77	19.35 -0.11 -5.31	21.63 -0.15 -5.41	26.24 -0.17 -5.33	27.05 -0.08 -6.16	29.87 0.07 -6.47	30.29 0.05 -6.14	27.89 -0.13 -2.75	28.60 -0.14 0.00	21.47 0.00 -3.29
WETHRSFD_WT_PWR 323626	17.65 -1.25 -2.46	14.82 -1.08 -1.91	13.36 -0.96 -1.54	13.44 -1.01 -1.48	12.08 -0.85 -1.77	9.48 -0.55 -3.01	11.67 -0.84 -2.31	11.29 -0.93 -2.01	10.85 -0.86 -2.20	11.46 -0.93 -1.96	11.80 -0.98 -2.14	13.32 -1.36 -1.73	6.58 -1.56 6.75	12.50 -1.05 -3.03	14.41 -1.29 -2.77	14.22 -1.34 -1.41	11.36 -1.60 3.41	7.68 -1.98 11.42	22.86 -1.80 -3.69	25.61 -1.47 -3.75	26.13 -1.54 -3.56	24.92 -1.94 -1.60	26.79 -1.96 0.00	19.20 -0.95 -1.97
WHAVSTOR_138KV_BK127 55557	30.22 1.36 -12.42	24.74 1.12 -9.63	21.51 0.96 -7.77	21.41 0.96 -7.49	20.74 0.83 -8.75	21.42 0.46 -13.94	21.56 0.68 -10.67	20.28 0.77 -9.32	20.39 0.72 -10.16	20.29 0.80 -9.07	21.33 0.79 -9.90	21.90 0.93 -8.02	25.45 1.07 -9.48	25.34 0.79 -14.04	26.71 0.97 -12.80	29.26 1.05 -14.07	31.33 1.20 -13.77	37.42 1.56 -14.78	39.62 1.57 -17.07	42.47 1.73 -17.41	42.41 1.78 -16.52	34.45 1.77 -7.41	30.67 1.93 0.00	28.42 1.13 -9.12
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	30.22 1.36 -12.42	24.74 1.12 -9.63	21.51 0.96 -7.77	21.41 0.96 -7.49	20.74 0.83 -8.75	21.42 0.46 -13.94	21.56 0.68 -10.67	20.28 0.77 -9.32	20.39 0.72 -10.16	20.29 0.80 -9.07	21.33 0.79 -9.90	21.90 0.93 -8.02	25.45 1.07 -9.48	25.34 0.79 -14.04	26.71 0.97 -12.80	29.26 1.05 -14.07	31.33 1.20 -13.77	37.42 1.56 -14.78	39.62 1.57 -17.07	42.47 1.73 -17.41	42.41 1.78 -16.52	34.45 1.77 -7.41	30.67 1.93 0.00	28.42 1.13 -9.12
WHITEHAL_115KV_TB1 80871	34.29 1.05 -16.80	27.90 0.88 -13.03	24.03 0.74 -10.52	23.87 0.78 -10.13	23.69 0.69 -11.84	26.22 0.38 -18.82	25.13 0.52 -14.41	23.28 0.50 -12.58	23.67 0.46 -13.71	23.14 0.49 -12.23	24.53 0.53 -13.36	24.42 0.65 -10.82	28.43 0.74 -12.79	29.96 0.53 -18.92	30.93 0.74 -17.25	33.94 0.83 -18.96	35.88 0.95 -18.56	42.34 1.31 -19.96	45.39 1.36 -23.06	48.50 1.68 -23.49	48.15 1.76 -22.28	37.01 1.74 -10.00	30.58 1.84 0.00	31.56 1.07 -12.32
WHITEPLN_13_KV_LOAD 356215	30.81 1.59 -12.78	25.20 1.30 -9.92	21.89 1.11 -8.00	21.77 1.10 -7.71	21.13 0.96 -9.01	21.90 0.54 -14.34	21.98 0.80 -10.98	20.68 0.89 -9.59	20.85 0.83 -10.52	20.81 0.93 -9.46	21.91 0.94 -10.33	22.44 1.09 -8.41	25.97 1.28 -9.80	25.93 0.94 -14.48	27.31 1.14 -13.23	29.84 1.23 -14.46	31.92 1.39 -14.15	38.14 1.85 -15.21	40.38 1.85 -17.57	43.30 2.05 -17.91	43.23 2.12 -16.99	35.02 2.12 -7.63	31.04 2.30 0.00	28.90 1.34 -9.39
WM_FLOYD_69_KV_BK2 356380	43.32 2.37 -24.52	42.41 1.86 -26.56	47.76 1.69 -33.30	41.55 1.67 -26.92	31.52 1.44 -18.91	25.20 0.86 -17.32	26.60 1.26 -15.14	21.14 1.32 -9.62	26.02 1.22 -15.29	26.36 1.32 -14.61	27.78 1.21 -15.93	32.75 1.41 -18.39	37.86 1.55 -21.42	37.86 1.18 -26.16	41.32 1.45 -26.93	45.03 1.56 -29.32	47.08 1.78 -28.93	68.23 2.32 -44.83	50.63 2.37 -27.29	59.16 2.64 -33.20	63.08 2.70 -36.27	49.40 2.73 -21.41	46.23 3.13 -14.35	39.74 1.98 -19.58
WOODARD___115KV_TB2 355635	17.57 -0.05 -1.18	14.83 -0.07 -0.91	13.44 -0.08 -0.74	13.58 -0.09 -0.71	11.92 -0.07 -0.83	8.34 -0.13 -1.46	11.12 -0.20 -1.12	10.96 -0.21 -0.97	10.55 -0.20 -1.24	11.34 -0.19 -1.11	11.66 -0.19 -1.21	13.67 -0.26 -0.98	15.76 -0.30 -1.16	12.07 -0.18 -1.73	14.31 -0.21 -1.58	15.67 -0.21 -1.74	17.79 -0.28 -1.70	22.24 -0.38 -1.55	22.46 -0.29 -1.79	25.25 -0.21 -2.13	25.91 -0.22 -2.02	25.79 -0.38 -0.91	28.14 -0.60 0.00	18.87 -0.25 -0.95
WOODMERE_69_KV_BK1 55827	42.17 1.97 -23.76	52.46 1.54 -36.94	54.44 1.35 -40.31	53.17 1.34 -38.88	37.39 1.16 -25.07	26.84 0.67 -19.15	28.90 0.99 -17.71	20.91 1.08 -9.63	28.89 1.01 -18.38	29.60 1.10 -18.07	31.43 1.10 -19.69	39.16 1.29 -24.92	45.12 1.49 -28.74	45.14 1.10 -33.52	49.87 1.35 -35.59	54.15 1.43 -38.58	56.09 1.60 -38.11	61.82 2.09 -38.66	56.28 2.08 -33.24	68.25 2.31 -42.61	74.65 2.36 -48.18	54.41 2.40 -26.74	54.79 2.73 -23.31	45.80 1.69 -25.94
YORK___WARBASSE 23770	31.00 1.74 -12.82	25.37 1.44 -9.95	22.06 1.26 -8.02	21.95 1.26 -7.73	21.26 1.07 -9.03	21.98 0.59 -14.37	22.09 0.89 -11.00	20.81 0.96 -9.65	22.96 0.87 -12.58	25.33 0.98 -13.93	26.80 0.98 -15.18	27.72 1.17 -13.61	27.41 1.34 -11.18	27.45 0.99 -15.94	35.55 1.22 -21.40	30.01 1.34 -14.51	32.10 1.52 -14.21	38.28 1.94 -15.26	40.56 1.93 -17.66	43.40 2.12 -17.95	43.31 2.17 -17.03	35.16 2.25 -7.65	31.22 2.47 -0.01	29.00 1.42 -9.41