

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/15/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	16.71	15.14	14.85	14.28	14.77	15.87	22.14	24.31	21.90	18.94	17.71	17.97	18.23	19.05	19.22	21.12	27.58	33.44	36.70	35.05	33.73	28.97	21.09	18.06
24138	0.96	0.86	0.86	0.84	0.84	0.89	1.42	1.60	1.74	1.81	1.49	1.26	1.00	0.98	0.97	0.94	0.85	0.94	1.09	1.41	1.42	1.14	0.76	0.59
	-5.54	-4.72	-4.69	-4.03	-4.61	-5.01	-4.71	-5.12	-3.13	-0.01	-2.16	-5.32	-8.17	-9.20	-9.55	-11.82	-19.12	-23.80	-25.07	-19.53	-17.18	-15.84	-12.09	-11.36
74TH STREET_GT_1	16.70	15.14	14.84	14.27	14.76	15.85	22.11	24.28	21.85	18.89	17.69	18.26	18.64	19.58	19.22	21.10	27.57	33.42	36.67	35.02	33.70	28.94	21.08	18.05
24260	0.95	0.86	0.85	0.83	0.83	0.87	1.39	1.57	1.69	1.76	1.46	1.21	0.96	0.93	0.93	0.91	0.83	0.91	1.05	1.38	1.39	1.11	0.74	0.59
	-5.54	-4.72	-4.69	-4.03	-4.61	-5.01	-4.71	-5.12	-3.13	-0.02	-2.16	-5.67	-8.61	-9.78	-9.59	-11.83	-19.12	-23.80	-25.08	-19.53	-17.19	-15.84	-12.09	-11.37
74TH STREET_GT_2	16.70	15.14	14.84	14.27	14.76	15.85	22.11	24.28	21.85	18.89	17.69	18.26	18.64	19.58	19.22	21.10	27.57	33.42	36.67	35.02	33.70	28.94	21.08	18.05
24261	0.95	0.86	0.85	0.83	0.83	0.87	1.39	1.57	1.69	1.76	1.46	1.21	0.96	0.93	0.93	0.91	0.83	0.91	1.05	1.38	1.39	1.11	0.74	0.59
	-5.54	-4.72	-4.69	-4.03	-4.61	-5.01	-4.71	-5.12	-3.13	-0.02	-2.16	-5.67	-8.61	-9.78	-9.59	-11.83	-19.12	-23.80	-25.08	-19.53	-17.19	-15.84	-12.09	-11.37
ADK HUDSON___FALLS	17.45	15.76	15.46	14.76	15.40	16.60	22.60	24.70	21.55	18.02	17.50	17.89	18.78	19.62	20.96	23.37	30.63	37.35	40.62	38.68	37.30	32.27	23.65	20.48
24011	0.32	0.31	0.30	0.31	0.32	0.36	0.70	0.74	0.61	0.91	0.75	0.57	0.44	0.44	0.43	0.28	0.25	0.36	0.43	0.62	0.77	0.55	0.35	0.23
	-6.93	-5.90	-5.86	-5.04	-5.76	-6.26	-5.89	-6.37	-3.90	0.00	-2.70	-5.93	-9.27	-10.30	-11.83	-14.73	-22.76	-28.29	-29.65	-23.96	-21.41	-19.73	-15.06	-14.15
ADK RESOURCE___RCVRY	17.48	15.79	15.50	14.78	15.43	16.63	22.67	24.79	21.60	17.71	17.25	17.69	18.63	19.47	20.81	23.42	30.70	37.43	40.74	38.80	37.45	32.37	23.72	20.54
23798	0.34	0.33	0.33	0.33	0.34	0.39	0.77	0.83	0.66	0.60	0.49	0.36	0.27	0.29	0.28	0.32	0.29	0.41	0.49	0.69	0.88	0.61	0.39	0.26
	-6.94	-5.91	-5.86	-5.04	-5.76	-6.26	-5.89	-6.37	-3.90	0.00	-2.70	-5.94	-9.28	-10.31	-11.84	-14.75	-22.79	-28.32	-29.72	-24.01	-21.45	-19.78	-15.09	-14.18
ADK S GLENS___FALLS	17.45	15.76	15.46	14.76	15.40	16.60	22.60	24.70	21.55	18.02	17.50	17.89	18.78	19.62	20.96	23.37	30.63	37.35	40.62	38.68	37.30	32.27	23.65	20.48
24028	0.32	0.31	0.30	0.31	0.32	0.36	0.70	0.74	0.61	0.91	0.75	0.57	0.44	0.44	0.43	0.28	0.25	0.36	0.43	0.62	0.77	0.55	0.35	0.23
	-6.93	-5.90	-5.86	-5.04	-5.76	-6.26	-5.89	-6.37	-3.90	0.00	-2.70	-5.93	-9.27	-10.30	-11.83	-14.73	-22.76	-28.29	-29.65	-23.96	-21.41	-19.73	-15.06	-14.15
ADK_NYS___DAM	17.38	15.70	15.39	14.70	15.32	16.49	22.48	24.59	21.65	17.93	17.34	17.64	18.44	19.22	20.51	22.94	29.40	35.72	38.94	37.74	36.52	31.64	23.22	20.03
23527	0.50	0.46	0.45	0.44	0.45	0.49	0.80	0.86	0.85	0.82	0.67	0.54	0.43	0.42	0.41	0.38	0.34	0.41	0.53	0.69	0.74	0.61	0.44	0.27
	-6.67	-5.68	-5.64	-4.85	-5.54	-6.02	-5.66	-6.13	-3.76	0.00	-2.60	-5.72	-8.94	-9.93	-11.40	-14.20	-21.43	-26.61	-27.87	-22.94	-20.66	-19.05	-14.53	-13.66
AIR_PRODUCTS___DRP	17.06	15.43	15.15	14.49	15.08	16.21	21.94	24.00	21.11	17.47	16.96	17.33	18.18	18.96	20.24	22.67	29.68	36.11	39.35	37.45	36.03	31.22	22.92	19.83
24190	0.19	0.20	0.20	0.24	0.21	0.21	0.27	0.28	0.32	0.36	0.31	0.24	0.19	0.19	0.17	0.15	0.13	0.16	0.19	0.25	0.29	0.23	0.17	0.10
	-6.66	-5.68	-5.63	-4.84	-5.54	-6.02	-5.66	-6.12	-3.75	0.00	-2.59	-5.70	-8.92	-9.90	-11.37	-14.17	-21.93	-27.25	-28.62	-23.09	-20.62	-19.01	-14.50	-13.63
AKWESSNE_115KV_BK	9.89	9.27	9.00	9.12	9.03	9.67	15.48	17.06	12.47	11.71	5.01	3.02	1.51	1.51	1.01	1.01	1.01	1.02	1.01	1.25	1.66	1.03	1.01	1.00
355683	-0.32	-0.29	-0.31	-0.29	-0.30	-0.31	-0.53	-0.53	-0.60	-0.62	-0.55	-0.41	-0.31	-0.29	-0.28	-0.27	-0.24	-0.27	-0.33	-0.44	-0.50	-0.37	-0.26	-0.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.97	4.78	8.50	7.96	7.25	7.07	7.41	7.08	6.37	7.41	9.21	12.41	12.96	10.59	6.98	4.90
ALBANY___1	17.06	15.43	15.15	14.49	15.08	16.21	21.94	24.00	21.11	17.47	16.96	17.33	18.18	18.96	20.24	22.67	29.68	36.11	39.35	37.45	36.03	31.22	22.92	19.83
23571	0.19	0.20	0.20	0.24	0.21	0.21	0.27	0.28	0.32	0.36	0.31	0.24	0.19	0.19	0.17	0.15	0.13	0.16	0.19	0.25	0.29	0.23	0.17	0.10
	-6.66	-5.68	-5.63	-4.84	-5.54	-6.02	-5.66	-6.12	-3.75	0.00	-2.59	-5.70	-8.92	-9.90	-11.37	-14.17	-21.93	-27.25	-28.62	-23.09	-20.62	-19.01	-14.50	-13.63
ALBANY___2	17.06	15.43	15.15	14.49	15.08	16.21	21.94	24.00	21.11	17.47	16.96	17.33	18.18	18.96	20.24	22.67	29.68	36.11	39.35	37.45	36.03	31.22	22.92	19.83
23572	0.19	0.20	0.20	0.24	0.21	0.21	0.27	0.28	0.32	0.36	0.31	0.24	0.19	0.19	0.17	0.15	0.13	0.16	0.19	0.25	0.29	0.23	0.17	0.10
	-6.66	-5.68	-5.63	-4.84	-5.54	-6.02	-5.66	-6.12	-3.75	0.00	-2.59	-5.70	-8.92	-9.90	-11.37	-14.17	-21.93	-27.25	-28.62	-23.09	-20.62	-19.01	-14.50	-13.63
ALBANY___3	17.06	15.43	15.15	14.49	15.08	16.21	21.94	24.00	21.11	17.47	16.96	17.33	18.18	18.96	20.24	22.67	29.68	36.11	39.35	37.45	36.03	31.22	22.92	19.83
23573	0.19	0.20	0.20	0.24	0.21	0.21	0.27	0.28	0.32	0.36	0.31	0.24	0.19	0.19	0.17	0.15	0.13	0.16	0.19	0.25	0.29	0.23	0.17	0.10
	-6.66	-5.68	-5.63	-4.84	-5.54	-6.02	-5.66	-6.12	-3.75	0.00	-2.59	-5.70	-8.92	-9.90	-11.37	-14.17	-21.93	-27.25	-28.62	-23.09	-20.62	-19.01	-14.50	-13.63

ALBANY___4 23574	17.06 0.19 -6.66	15.43 0.20 -5.68	15.15 0.20 -5.63	14.49 0.24 -4.84	15.08 0.21 -5.54	16.21 0.21 -6.02	21.94 0.27 -5.66	24.00 0.28 -6.12	21.11 0.32 -3.75	17.47 0.36 0.00	16.96 0.31 -2.59	17.33 0.24 -5.70	18.18 0.19 -8.92	18.96 0.19 -9.90	20.24 0.17 -11.37	22.67 0.15 -14.17	29.68 0.13 -21.93	36.11 0.16 -27.25	39.35 0.19 -28.62	37.45 0.25 -23.09	36.03 0.29 -20.62	31.22 0.23 -19.01	22.92 0.17 -14.50	19.83 0.10 -13.63
ALBANY___LFGE 323615	17.21 0.28 -6.72	15.56 0.28 -5.73	15.26 0.27 -5.68	14.59 0.29 -4.89	15.19 0.28 -5.59	16.34 0.29 -6.07	22.15 0.43 -5.71	24.21 0.44 -6.18	21.28 0.46 -3.78	17.62 0.51 0.00	17.12 0.44 -2.62	17.48 0.34 -5.75	18.34 0.27 -9.00	19.14 0.28 -9.99	20.42 0.24 -11.48	22.88 0.23 -14.29	29.91 0.20 -22.10	36.41 0.24 -27.46	39.65 0.29 -28.82	37.76 0.38 -23.28	36.36 0.44 -20.79	31.49 0.34 -19.17	23.11 0.24 -14.62	20.01 0.16 -13.74
ALCOA_PA_115KV_PL-6C 55860	9.89 -0.32 0.00	9.28 -0.28 0.00	9.00 -0.31 0.00	9.12 -0.29 0.00	9.03 -0.30 0.00	9.68 -0.30 0.00	15.50 -0.51 0.00	17.05 -0.55 0.00	12.58 -0.66 3.79	11.88 -0.67 4.56	5.34 -0.60 8.12	3.52 -0.46 7.41	1.91 -0.35 6.81	1.91 -0.33 6.63	1.40 -0.31 6.99	1.38 -0.30 6.67	1.36 -0.27 6.00	1.41 -0.30 6.99	1.47 -0.37 8.70	1.87 -0.48 11.76	2.34 -0.53 12.26	1.55 -0.41 10.03	1.39 -0.29 6.57	1.30 -0.22 4.59
ALCOA_RYNLDS___DRP 24188	9.89 -0.32 0.00	9.28 -0.28 0.00	9.00 -0.31 0.00	9.12 -0.29 0.00	9.03 -0.30 0.00	9.68 -0.30 0.00	15.50 -0.51 0.00	17.05 -0.55 0.00	12.58 -0.66 3.79	11.88 -0.67 4.56	5.34 -0.60 8.12	3.52 -0.46 7.41	1.91 -0.35 6.81	1.91 -0.33 6.63	1.40 -0.31 6.99	1.38 -0.30 6.67	1.36 -0.27 6.00	1.41 -0.30 6.99	1.47 -0.37 8.70	1.87 -0.48 11.76	2.34 -0.53 12.26	1.55 -0.41 10.03	1.39 -0.29 6.57	1.30 -0.22 4.59
ALCOA___DSASP 323711	9.89 -0.32 0.00	9.28 -0.28 0.00	9.00 -0.31 0.00	9.12 -0.29 0.00	9.03 -0.30 0.00	9.68 -0.30 0.00	15.50 -0.51 0.00	17.05 -0.55 0.00	12.54 -0.66 3.83	11.83 -0.67 4.61	5.26 -0.60 8.20	3.44 -0.46 7.49	1.84 -0.35 6.87	1.85 -0.33 6.70	1.33 -0.31 7.06	1.32 -0.30 6.74	1.29 -0.27 6.06	1.34 -0.30 7.06	1.38 -0.37 8.79	1.75 -0.48 11.88	2.21 -0.53 12.38	1.45 -0.41 10.13	1.32 -0.29 6.64	1.25 -0.22 4.63
ALLEGHENY___COGEN 23514	11.72 0.52 -0.99	10.89 0.49 -0.85	10.67 0.52 -0.84	10.65 0.52 -0.72	10.67 0.52 -0.82	11.40 0.53 -0.90	18.09 1.30 -0.79	19.69 1.25 -0.85	18.48 0.92 -0.52	17.85 0.74 0.00	15.04 0.62 -0.36	12.63 0.46 -0.79	10.67 0.36 -1.23	10.57 0.33 -1.37	10.58 0.31 -1.57	10.61 0.29 -1.96	10.97 0.26 -3.09	12.93 0.38 -3.85	15.19 0.60 -4.04	18.22 0.90 -3.22	19.01 1.03 -2.86	15.39 0.77 -2.63	10.80 0.54 -2.01	8.39 0.40 -1.89
ALTAMONT_115KV_TB 2 55880	17.53 0.46 -6.86	15.83 0.43 -5.84	15.53 0.42 -5.80	14.82 0.42 -4.99	15.46 0.43 -5.70	16.63 0.46 -6.19	22.62 0.78 -5.83	24.72 0.83 -6.30	21.65 0.75 -3.86	17.90 0.79 0.00	17.36 0.63 -2.67	17.76 0.50 -5.87	18.64 0.39 -9.18	19.45 0.39 -10.19	20.79 0.38 -11.71	23.29 0.36 -14.58	30.61 0.34 -22.66	37.29 0.43 -28.17	39.74 0.35 -28.85	37.74 0.47 -23.17	36.29 0.51 -20.66	31.44 0.41 -19.04	23.06 0.28 -14.53	19.95 0.20 -13.65
ALTONA_WT_PWR 323606	9.99 -0.21 0.00	9.38 -0.17 0.00	9.10 -0.20 0.00	9.22 -0.19 0.00	9.10 -0.22 0.00	9.73 -0.25 0.00	15.48 -0.53 0.00	17.03 -0.56 0.00	12.29 -0.83 3.91	11.40 -1.01 4.71	4.64 -1.05 8.37	-0.08 -0.84 10.62	-0.51 -0.67 8.91	-0.51 -0.64 8.75	-0.51 -0.62 8.59	-0.52 -0.60 8.28	-0.53 -0.55 7.60	-0.52 -0.61 8.61	-0.53 -0.75 10.32	-0.51 -0.97 13.64	-0.53 -1.06 14.59	-0.52 -0.84 11.66	-0.51 -0.58 8.18	-0.52 -0.44 6.18
AMERICAN_REF_FUEL 24010	10.91 -0.19 -0.90	10.12 -0.20 -0.76	9.96 -0.10 -0.76	9.91 -0.15 -0.65	9.92 -0.15 -0.74	10.56 -0.23 -0.81	16.25 -0.53 -0.77	17.49 -0.93 -0.83	16.66 -0.89 -0.51	16.43 -0.68 0.00	13.95 -0.46 -0.35	11.86 -0.30 -0.78	9.99 -0.29 -1.21	10.00 -0.22 -1.35	9.99 -0.25 -1.55	10.02 -0.27 -1.93	10.33 -0.33 -3.04	12.13 -0.35 -3.77	14.03 -0.48 -3.97	16.44 -0.82 -3.16	16.99 -0.94 -2.80	14.01 -0.56 -2.58	9.92 -0.30 -1.97	7.81 -0.14 -1.85
ARKWRIGHT___SUMMIT_WT_PWR 323751	11.48 0.28 -1.00	10.63 0.23 -0.85	10.47 0.32 -0.84	10.44 0.30 -0.72	10.46 0.30 -0.83	11.12 0.24 -0.90	17.20 0.34 -0.85	18.61 0.09 -0.93	17.65 0.05 -0.57	17.45 0.34 0.00	14.69 0.24 -0.39	12.50 0.25 -0.86	10.55 0.14 -1.35	10.56 0.19 -1.50	10.55 0.14 -1.72	10.56 0.06 -2.14	10.97 -0.02 -3.37	12.89 0.00 -4.19	14.91 -0.04 -4.41	17.37 -0.24 -3.51	17.90 -0.33 -3.11	14.73 -0.13 -2.87	10.39 -0.05 -2.19	8.16 0.01 -2.06
ARTHUR_KILL_GT_1 23520	16.73 0.97 -5.55	15.16 0.88 -4.73	14.86 0.86 -4.69	14.29 0.84 -4.04	14.78 0.84 -4.61	15.78 0.80 -5.01	21.87 1.15 -4.71	24.02 1.32 -5.11	21.62 1.47 -3.12	18.68 1.56 -0.01	17.51 1.29 -2.15	17.98 1.09 -5.50	18.34 0.88 -8.39	19.23 0.86 -9.50	19.12 0.86 -9.56	21.02 0.84 -11.82	27.52 0.79 -19.11	33.38 0.89 -23.79	36.61 1.00 -25.07	34.94 1.31 -19.53	33.58 1.28 -17.18	28.83 1.01 -15.83	21.01 0.68 -12.09	18.08 0.61 -11.37
ARTHUR_KILL_2 23512	16.71 0.95 -5.55	15.14 0.85 -4.73	14.83 0.83 -4.69	14.27 0.82 -4.04	14.75 0.81 -4.61	15.75 0.77 -5.01	21.84 1.12 -4.71	23.99 1.28 -5.11	21.59 1.43 -3.12	18.64 1.52 -0.01	17.48 1.27 -2.15	17.94 1.06 -5.50	18.32 0.85 -8.39	19.20 0.83 -9.50	19.09 0.84 -9.56	21.00 0.82 -11.82	27.50 0.77 -19.11	33.36 0.86 -23.79	36.58 0.97 -25.07	34.88 1.25 -19.53	33.54 1.24 -17.18	28.79 0.97 -15.83	21.00 0.66 -12.09	18.06 0.59 -11.37
ARTHUR_KILL_3 23513	16.64 0.89 -5.54	15.07 0.79 -4.72	14.79 0.79 -4.69	14.21 0.77 -4.03	14.71 0.77 -4.61	15.80 0.82 -5.01	22.02 1.30 -4.71	24.19 1.48 -5.12	21.77 1.60 -3.13	18.79 1.66 -0.02	17.60 1.38 -2.16	18.04 1.15 -5.51	18.37 0.90 -8.40	19.26 0.89 -9.50	19.15 0.89 -9.57	21.05 0.87 -11.83	27.50 0.76 -19.12	33.33 0.83 -23.80	36.57 0.95 -25.07	34.88 1.24 -19.53	33.55 1.24 -17.18	28.85 1.02 -15.84	21.04 0.70 -12.09	18.02 0.55 -11.36
ARTHUR_KILL_COGEN 323718	16.73 0.97 -5.55	15.16 0.88 -4.73	14.86 0.86 -4.69	14.29 0.84 -4.04	14.78 0.84 -4.61	15.78 0.80 -5.01	21.87 1.15 -4.71	24.02 1.32 -5.11	21.62 1.47 -3.12	18.68 1.56 -0.01	17.51 1.29 -2.15	17.98 1.09 -5.50	18.34 0.88 -8.39	19.23 0.86 -9.50	19.12 0.86 -9.56	21.02 0.84 -11.82	27.52 0.79 -19.11	33.38 0.89 -23.79	36.61 1.00 -25.07	34.94 1.31 -19.53	33.58 1.28 -17.18	28.83 1.01 -15.83	21.01 0.68 -12.09	18.08 0.61 -11.37
ASHOKAN____ 23654	16.41 0.22 -5.98	14.85 0.20 -5.10	14.56 0.20 -5.06	13.97 0.21 -4.35	14.50 0.20 -4.97	15.59 0.21 -5.40	21.43 0.34 -5.08	23.44 0.35 -5.49	20.77 0.37 -3.36	17.86 0.75 0.00	16.68 0.30 -2.32	16.71 0.22 -5.11	17.25 0.19 -7.99	17.92 0.18 -8.87	19.04 0.16 -10.19	21.24 0.19 -12.69	27.83 0.22 -19.99	33.82 0.26 -24.86	36.97 0.29 -26.13	35.32 0.42 -20.79	33.96 0.38 -18.46	29.35 0.35 -17.02	21.42 0.19 -12.98	18.43 0.12 -12.20

ASTORIA_EAST_ENERGY_CC1 323581	16.70 0.94 -5.55	15.15 0.86 -4.73	14.87 0.87 -4.69	14.31 0.86 -4.04	14.80 0.86 -4.61	15.79 0.81 -5.01	21.90 1.18 -4.70	24.08 1.37 -5.11	21.69 1.53 -3.12	18.80 1.68 -0.01	17.60 1.38 -2.15	18.03 1.15 -5.50	18.38 0.92 -8.39	19.26 0.89 -9.50	19.15 0.89 -9.56	21.05 0.87 -11.82	27.49 0.76 -19.11	33.34 0.84 -23.79	36.58 0.97 -25.07	34.88 1.25 -19.53	33.55 1.25 -17.18	28.80 0.98 -15.83	20.97 0.64 -12.08	18.04 0.57 -11.37
ASTORIA_EAST_ENERGY_CC2 323582	16.70 0.94 -5.55	15.15 0.86 -4.73	14.87 0.87 -4.69	14.31 0.86 -4.04	14.80 0.86 -4.61	15.79 0.81 -5.01	21.90 1.18 -4.70	24.08 1.37 -5.11	21.69 1.53 -3.12	18.80 1.68 -0.01	17.60 1.38 -2.15	18.03 1.15 -5.50	18.38 0.92 -8.39	19.26 0.89 -9.50	19.15 0.89 -9.56	21.05 0.87 -11.82	27.49 0.76 -19.11	33.34 0.84 -23.79	36.58 0.97 -25.07	34.88 1.25 -19.53	33.55 1.25 -17.18	28.80 0.98 -15.83	20.97 0.64 -12.08	18.04 0.57 -11.37
ASTORIA_GT2_1 24094	16.70 0.94 -5.55	15.15 0.86 -4.73	14.87 0.87 -4.69	14.31 0.87 -4.04	14.80 0.86 -4.61	15.79 0.81 -5.01	21.90 1.18 -4.70	24.08 1.37 -5.11	21.69 1.53 -3.12	18.80 1.68 -0.01	17.60 1.38 -2.15	18.05 1.16 -5.50	18.38 0.92 -8.39	19.27 0.90 -9.50	19.16 0.90 -9.56	21.05 0.87 -11.82	27.50 0.77 -19.11	33.34 0.84 -23.79	36.58 0.97 -25.07	34.88 1.25 -19.53	33.55 1.25 -17.18	28.80 0.98 -15.83	20.97 0.64 -12.08	18.05 0.58 -11.37
ASTORIA_GT2_2 24095	16.70 0.94 -5.55	15.15 0.86 -4.73	14.87 0.87 -4.69	14.31 0.87 -4.04	14.80 0.86 -4.61	15.79 0.81 -5.01	21.90 1.18 -4.70	24.08 1.37 -5.11	21.69 1.53 -3.12	18.80 1.68 -0.01	17.60 1.38 -2.15	18.05 1.16 -5.50	18.38 0.92 -8.39	19.27 0.90 -9.50	19.16 0.90 -9.56	21.05 0.87 -11.82	27.50 0.77 -19.11	33.34 0.84 -23.79	36.58 0.97 -25.07	34.88 1.25 -19.53	33.55 1.25 -17.18	28.80 0.98 -15.83	20.97 0.64 -12.08	18.05 0.58 -11.37
ASTORIA_GT2_3 24096	16.70 0.94 -5.55	15.15 0.86 -4.73	14.87 0.87 -4.69	14.31 0.87 -4.04	14.80 0.86 -4.61	15.79 0.81 -5.01	21.90 1.18 -4.70	24.08 1.37 -5.11	21.69 1.53 -3.12	18.80 1.68 -0.01	17.60 1.38 -2.15	18.05 1.16 -5.50	18.38 0.92 -8.39	19.27 0.90 -9.50	19.16 0.90 -9.56	21.05 0.87 -11.82	27.50 0.77 -19.11	33.34 0.84 -23.79	36.58 0.97 -25.07	34.88 1.25 -19.53	33.55 1.25 -17.18	28.80 0.98 -15.83	20.97 0.64 -12.08	18.05 0.58 -11.37
ASTORIA_GT2_4 24097	16.70 0.94 -5.55	15.15 0.86 -4.73	14.87 0.87 -4.69	14.31 0.87 -4.04	14.80 0.86 -4.61	15.79 0.81 -5.01	21.90 1.18 -4.70	24.08 1.37 -5.11	21.69 1.53 -3.12	18.80 1.68 -0.01	17.60 1.38 -2.15	18.05 1.16 -5.50	18.38 0.92 -8.39	19.27 0.90 -9.50	19.16 0.90 -9.56	21.05 0.87 -11.82	27.50 0.77 -19.11	33.34 0.84 -23.79	36.58 0.97 -25.07	34.88 1.25 -19.53	33.55 1.25 -17.18	28.80 0.98 -15.83	20.97 0.64 -12.08	18.05 0.58 -11.37
ASTORIA_GT3_1 24098	16.70 0.94 -5.55	15.15 0.86 -4.73	14.87 0.87 -4.69	14.31 0.87 -4.04	14.80 0.86 -4.61	15.79 0.81 -5.01	21.90 1.18 -4.70	24.08 1.37 -5.11	21.69 1.53 -3.12	18.80 1.68 -0.01	17.60 1.38 -2.15	18.05 1.16 -5.50	18.38 0.92 -8.39	19.27 0.90 -9.50	19.16 0.90 -9.56	21.05 0.87 -11.82	27.50 0.77 -19.11	33.34 0.84 -23.79	36.58 0.97 -25.07	34.88 1.25 -19.53	33.55 1.25 -17.18	28.80 0.98 -15.83	20.97 0.64 -12.08	18.05 0.58 -11.37
ASTORIA_GT3_2 24099	16.70 0.94 -5.55	15.15 0.86 -4.73	14.87 0.87 -4.69	14.31 0.87 -4.04	14.80 0.86 -4.61	15.79 0.81 -5.01	21.90 1.18 -4.70	24.08 1.37 -5.11	21.69 1.53 -3.12	18.80 1.68 -0.01	17.60 1.38 -2.15	18.05 1.16 -5.50	18.38 0.92 -8.39	19.27 0.90 -9.50	19.16 0.90 -9.56	21.05 0.87 -11.82	27.50 0.77 -19.11	33.34 0.84 -23.79	36.58 0.97 -25.07	34.88 1.25 -19.53	33.55 1.25 -17.18	28.80 0.98 -15.83	20.97 0.64 -12.08	18.05 0.58 -11.37
ASTORIA_GT3_3 24100	16.70 0.94 -5.55	15.15 0.86 -4.73	14.87 0.87 -4.69	14.31 0.87 -4.04	14.80 0.86 -4.61	15.79 0.81 -5.01	21.90 1.18 -4.70	24.08 1.37 -5.11	21.69 1.53 -3.12	18.80 1.68 -0.01	17.60 1.38 -2.15	18.05 1.16 -5.50	18.38 0.92 -8.39	19.27 0.90 -9.50	19.16 0.90 -9.56	21.05 0.87 -11.82	27.50 0.77 -19.11	33.34 0.84 -23.79	36.58 0.97 -25.07	34.88 1.25 -19.53	33.55 1.25 -17.18	28.80 0.98 -15.83	20.97 0.64 -12.08	18.05 0.58 -11.37
ASTORIA_GT3_4 24101	16.70 0.94 -5.55	15.15 0.86 -4.73	14.87 0.87 -4.69	14.31 0.87 -4.04	14.80 0.86 -4.61	15.79 0.81 -5.01	21.90 1.18 -4.70	24.08 1.37 -5.11	21.69 1.53 -3.12	18.80 1.68 -0.01	17.60 1.38 -2.15	18.05 1.16 -5.50	18.38 0.92 -8.39	19.27 0.90 -9.50	19.16 0.90 -9.56	21.05 0.87 -11.82	27.50 0.77 -19.11	33.34 0.84 -23.79	36.58 0.97 -25.07	34.88 1.25 -19.53	33.55 1.25 -17.18	28.80 0.98 -15.83	20.97 0.64 -12.08	18.05 0.58 -11.37
ASTORIA_GT4_1 24102	16.70 0.94 -5.55	15.15 0.86 -4.73	14.87 0.87 -4.69	14.31 0.87 -4.04	14.80 0.86 -4.61	15.79 0.81 -5.01	21.90 1.18 -4.70	24.08 1.37 -5.11	21.69 1.53 -3.12	18.80 1.68 -0.01	17.60 1.38 -2.15	18.05 1.16 -5.50	18.38 0.92 -8.39	19.27 0.90 -9.50	19.16 0.90 -9.56	21.05 0.87 -11.82	27.50 0.77 -19.11	33.34 0.84 -23.79	36.58 0.97 -25.07	34.88 1.25 -19.53	33.55 1.25 -17.18	28.80 0.98 -15.83	20.97 0.64 -12.08	18.05 0.58 -11.37
ASTORIA_GT4_2 24103	16.70 0.94 -5.55	15.15 0.86 -4.73	14.87 0.87 -4.69	14.31 0.87 -4.04	14.80 0.86 -4.61	15.79 0.81 -5.01	21.90 1.18 -4.70	24.08 1.37 -5.11	21.69 1.53 -3.12	18.80 1.68 -0.01	17.60 1.38 -2.15	18.05 1.16 -5.50	18.38 0.92 -8.39	19.27 0.90 -9.50	19.16 0.90 -9.56	21.05 0.87 -11.82	27.50 0.77 -19.11	33.34 0.84 -23.79	36.58 0.97 -25.07	34.88 1.25 -19.53	33.55 1.25 -17.18	28.80 0.98 -15.83	20.97 0.64 -12.08	18.05 0.58 -11.37
ASTORIA_GT4_3 24104	16.70 0.94 -5.55	15.15 0.86 -4.73	14.87 0.87 -4.69	14.31 0.87 -4.04	14.80 0.86 -4.61	15.79 0.81 -5.01	21.90 1.18 -4.70	24.08 1.37 -5.11	21.69 1.53 -3.12	18.80 1.68 -0.01	17.60 1.38 -2.15	18.05 1.16 -5.50	18.38 0.92 -8.39	19.27 0.90 -9.50	19.16 0.90 -9.56	21.05 0.87 -11.82	27.50 0.77 -19.11	33.34 0.84 -23.79	36.58 0.97 -25.07	34.88 1.25 -19.53	33.55 1.25 -17.18	28.80 0.98 -15.83	20.97 0.64 -12.08	18.05 0.58 -11.37
ASTORIA_GT4_4 24105	16.70 0.94 -5.55	15.15 0.86 -4.73	14.87 0.87 -4.69	14.31 0.87 -4.04	14.80 0.86 -4.61	15.79 0.81 -5.01	21.90 1.18 -4.70	24.08 1.37 -5.11	21.69 1.53 -3.12	18.80 1.68 -0.01	17.60 1.38 -2.15	18.05 1.16 -5.50	18.38 0.92 -8.39	19.27 0.90 -9.50	19.16 0.90 -9.56	21.05 0.87 -11.82	27.50 0.77 -19.11	33.34 0.84 -23.79	36.58 0.97 -25.07	34.88 1.25 -19.53	33.55 1.25 -17.18	28.80 0.98 -15.83	20.97 0.64 -12.08	18.05 0.58 -11.37
ASTORIA_GT_1 23523	16.72 0.96 -5.55	15.16 0.88 -4.73	14.89 0.88 -4.69	14.32 0.88 -4.04	14.82 0.88 -4.61	15.81 0.83 -5.01	21.93 1.22 -4.70	24.11 1.41 -5.11	21.72 1.57 -3.12	18.83 1.71 -0.01	17.62 1.41 -2.15	18.07 1.18 -5.50	18.40 0.93 -8.39	19.28 0.91 -9.50	19.16 0.90 -9.56	21.06 0.89 -11.82	27.52 0.78 -19.11	33.36 0.86 -23.79	36.60 0.99 -25.07	34.93 1.30 -19.53	33.58 1.28 -17.18	28.83 1.01 -15.83	20.99 0.66 -12.08	18.05 0.59 -11.37

ASTORIA_GT_10 24110	16.71 0.95 -5.55	15.14 0.85 -4.73	14.85 0.85 -4.69	14.28 0.83 -4.04	14.77 0.83 -4.61	15.82 0.84 -5.01	21.98 1.26 -4.71	24.15 1.44 -5.12	21.75 1.58 -3.13	18.79 1.66 -0.02	17.60 1.38 -2.16	18.20 1.14 -5.67	18.59 0.91 -8.61	19.54 0.89 -9.78	19.16 0.88 -9.59	21.05 0.86 -11.83	27.53 0.79 -19.12	33.37 0.87 -23.80	36.62 1.00 -25.08	34.95 1.31 -19.53	33.61 1.30 -17.19	28.86 1.03 -15.84	21.02 0.68 -12.09	18.05 0.58 -11.37
ASTORIA_GT_11 24225	16.71 0.95 -5.55	15.14 0.85 -4.73	14.85 0.85 -4.69	14.28 0.83 -4.04	14.77 0.83 -4.61	15.82 0.84 -5.01	21.98 1.26 -4.71	24.15 1.44 -5.12	21.75 1.58 -3.13	18.79 1.66 -0.02	17.60 1.38 -2.16	18.20 1.14 -5.67	18.59 0.91 -8.61	19.54 0.89 -9.78	19.16 0.88 -9.59	21.05 0.86 -11.83	27.53 0.79 -19.12	33.37 0.87 -23.80	36.62 1.00 -25.08	34.95 1.31 -19.53	33.61 1.30 -17.19	28.86 1.03 -15.84	21.02 0.68 -12.09	18.05 0.58 -11.37
ASTORIA_GT_12 24226	16.71 0.95 -5.55	15.14 0.85 -4.73	14.85 0.85 -4.69	14.28 0.83 -4.04	14.77 0.83 -4.61	15.82 0.84 -5.01	21.98 1.26 -4.71	24.15 1.44 -5.12	21.75 1.58 -3.13	18.79 1.66 -0.02	17.60 1.38 -2.16	18.20 1.14 -5.67	18.59 0.91 -8.61	19.54 0.89 -9.78	19.16 0.88 -9.59	21.05 0.86 -11.83	27.53 0.79 -19.12	33.37 0.87 -23.80	36.62 1.00 -25.08	34.95 1.31 -19.53	33.61 1.30 -17.19	28.86 1.03 -15.84	21.02 0.68 -12.09	18.05 0.58 -11.37
ASTORIA_GT_13 24227	16.71 0.95 -5.55	15.14 0.85 -4.73	14.85 0.85 -4.69	14.28 0.83 -4.04	14.77 0.83 -4.61	15.82 0.84 -5.01	21.98 1.26 -4.71	24.15 1.44 -5.12	21.75 1.58 -3.13	18.79 1.66 -0.02	17.60 1.38 -2.16	18.20 1.14 -5.67	18.59 0.91 -8.61	19.54 0.89 -9.78	19.16 0.88 -9.59	21.05 0.86 -11.83	27.53 0.79 -19.12	33.37 0.87 -23.80	36.62 1.00 -25.08	34.95 1.31 -19.53	33.61 1.30 -17.19	28.86 1.03 -15.84	21.02 0.68 -12.09	18.05 0.58 -11.37
ASTORIA_GT_5 24106	16.72 0.96 -5.55	15.16 0.88 -4.73	14.89 0.88 -4.69	14.32 0.88 -4.04	14.82 0.88 -4.61	15.81 0.83 -5.01	21.93 1.22 -4.70	24.11 1.41 -5.11	21.72 1.57 -3.12	18.83 1.71 -0.01	17.62 1.41 -2.15	18.07 1.18 -5.50	18.40 0.93 -8.39	19.28 0.91 -9.50	19.16 0.90 -9.56	21.06 0.89 -11.82	27.52 0.78 -19.11	33.36 0.86 -23.79	36.60 0.99 -25.07	34.93 1.30 -19.53	33.58 1.28 -17.18	28.83 1.01 -15.83	20.99 0.66 -12.08	18.05 0.59 -11.37
ASTORIA_GT_7 24107	16.72 0.96 -5.55	15.16 0.88 -4.73	14.89 0.88 -4.69	14.32 0.88 -4.04	14.82 0.88 -4.61	15.81 0.83 -5.01	21.93 1.22 -4.70	24.11 1.41 -5.11	21.72 1.57 -3.12	18.83 1.71 -0.01	17.62 1.41 -2.15	18.07 1.18 -5.50	18.40 0.93 -8.39	19.28 0.91 -9.50	19.16 0.90 -9.56	21.06 0.89 -11.82	27.52 0.78 -19.11	33.36 0.86 -23.79	36.60 0.99 -25.07	34.93 1.30 -19.53	33.58 1.28 -17.18	28.83 1.01 -15.83	20.99 0.66 -12.08	18.05 0.59 -11.37
ASTORIA_GT_8 24108	16.72 0.96 -5.55	15.16 0.88 -4.73	14.89 0.88 -4.69	14.32 0.88 -4.04	14.82 0.88 -4.61	15.81 0.83 -5.01	21.93 1.22 -4.70	24.11 1.41 -5.11	21.72 1.57 -3.12	18.83 1.71 -0.01	17.62 1.41 -2.15	18.07 1.18 -5.50	18.40 0.93 -8.39	19.28 0.91 -9.50	19.16 0.90 -9.56	21.06 0.89 -11.82	27.52 0.78 -19.11	33.36 0.86 -23.79	36.60 0.99 -25.07	34.93 1.30 -19.53	33.58 1.28 -17.18	28.83 1.01 -15.83	20.99 0.66 -12.08	18.05 0.59 -11.37
ASTORIA___2 24149	16.70 0.94 -5.55	15.15 0.86 -4.73	14.87 0.87 -4.69	14.31 0.87 -4.04	14.80 0.86 -4.61	15.79 0.81 -5.01	21.90 1.18 -4.70	24.08 1.37 -5.11	21.69 1.53 -3.12	18.80 1.68 -0.01	17.60 1.38 -2.15	18.05 1.16 -5.50	18.38 0.92 -8.39	19.27 0.90 -9.50	19.16 0.90 -9.56	21.05 0.87 -11.82	27.50 0.77 -19.11	33.34 0.84 -23.79	36.58 0.97 -25.07	34.88 1.25 -19.53	33.55 1.25 -17.18	28.80 0.98 -15.83	20.97 0.64 -12.08	18.05 0.58 -11.37
ASTORIA___3 23516	16.71 0.95 -5.55	15.14 0.85 -4.73	14.85 0.85 -4.69	14.28 0.83 -4.04	14.77 0.83 -4.61	15.82 0.84 -5.01	21.98 1.26 -4.71	24.15 1.44 -5.12	21.75 1.58 -3.13	18.79 1.66 -0.02	17.60 1.38 -2.16	18.20 1.14 -5.67	18.59 0.91 -8.61	19.54 0.89 -9.78	19.16 0.88 -9.59	21.05 0.86 -11.83	27.53 0.79 -19.12	33.37 0.87 -23.80	36.62 1.00 -25.08	34.95 1.31 -19.53	33.61 1.30 -17.19	28.86 1.03 -15.84	21.02 0.68 -12.09	18.05 0.58 -11.37
ASTORIA___4 23517	16.71 0.95 -5.55	15.14 0.85 -4.73	14.85 0.85 -4.69	14.28 0.83 -4.04	14.77 0.83 -4.61	15.82 0.84 -5.01	21.98 1.26 -4.71	24.15 1.44 -5.12	21.75 1.58 -3.13	18.77 1.64 -0.02	17.59 1.36 -2.16	18.19 1.13 -5.67	18.58 0.90 -8.61	19.53 0.88 -9.78	19.16 0.87 -9.59	21.05 0.86 -11.83	27.53 0.79 -19.12	33.37 0.87 -23.80	36.62 1.00 -25.08	34.95 1.31 -19.54	33.61 1.30 -17.19	28.86 1.03 -15.84	21.02 0.68 -12.09	18.05 0.58 -11.37
ASTORIA___5 23518	16.71 0.95 -5.55	15.14 0.85 -4.73	14.85 0.85 -4.69	14.28 0.83 -4.04	14.77 0.83 -4.61	15.82 0.84 -5.01	21.98 1.26 -4.71	24.15 1.44 -5.12	21.75 1.58 -3.13	18.79 1.66 -0.02	17.60 1.38 -2.16	18.20 1.14 -5.67	18.59 0.91 -8.61	19.54 0.89 -9.78	19.16 0.88 -9.59	21.05 0.86 -11.83	27.53 0.79 -19.12	33.37 0.87 -23.80	36.62 1.00 -25.08	34.95 1.31 -19.53	33.61 1.30 -17.19	28.86 1.03 -15.84	21.02 0.68 -12.09	18.05 0.58 -11.37
AST_ENERGY_2_CC3 323677	16.64 0.89 -5.54	15.08 0.80 -4.72	14.79 0.79 -4.69	14.22 0.78 -4.03	14.71 0.77 -4.61	15.80 0.82 -5.01	22.00 1.28 -4.71	24.15 1.44 -5.12	21.71 1.55 -3.13	18.75 1.63 -0.02	17.57 1.35 -2.16	18.02 1.13 -5.51	18.36 0.89 -8.40	19.25 0.87 -9.50	19.14 0.87 -9.57	21.03 0.84 -11.83	27.50 0.76 -19.12	33.34 0.84 -23.80	36.58 0.96 -25.07	34.89 1.25 -19.53	33.56 1.25 -17.18	28.85 1.02 -15.84	21.02 0.68 -12.09	18.01 0.54 -11.36
AST_ENERGY_2_CC4 323678	16.64 0.89 -5.54	15.08 0.80 -4.72	14.79 0.79 -4.69	14.22 0.78 -4.03	14.71 0.77 -4.61	15.80 0.82 -5.01	22.00 1.28 -4.71	24.15 1.44 -5.12	21.71 1.55 -3.13	18.75 1.63 -0.02	17.57 1.35 -2.16	18.02 1.13 -5.51	18.36 0.89 -8.40	19.25 0.87 -9.50	19.14 0.87 -9.57	21.03 0.84 -11.83	27.50 0.76 -19.12	33.34 0.84 -23.80	36.58 0.96 -25.07	34.89 1.25 -19.53	33.56 1.25 -17.18	28.85 1.02 -15.84	21.02 0.68 -12.09	18.01 0.54 -11.36
ATHENS_STG_1 23668	16.72 0.43 -6.08	15.14 0.40 -5.18	14.84 0.39 -5.14	14.23 0.40 -4.42	14.77 0.39 -5.05	15.88 0.41 -5.49	21.83 0.66 -5.16	23.89 0.70 -5.59	21.20 0.75 -3.42	17.88 0.77 0.00	17.07 0.65 -2.36	17.12 0.54 -5.20	17.62 0.42 -8.13	18.31 0.41 -9.03	19.47 0.40 -10.37	21.65 0.38 -12.91	28.45 0.35 -20.48	34.57 0.39 -25.48	37.80 0.46 -26.80	35.92 0.61 -21.21	34.54 0.64 -18.79	29.82 0.52 -17.32	21.82 0.35 -13.21	18.78 0.26 -12.42
ATHENS_STG_2 23670	16.72 0.43 -6.08	15.14 0.40 -5.18	14.84 0.39 -5.14	14.23 0.40 -4.42	14.77 0.39 -5.05	15.88 0.41 -5.49	21.83 0.66 -5.16	23.89 0.70 -5.59	21.20 0.75 -3.42	17.88 0.77 0.00	17.07 0.65 -2.36	17.12 0.54 -5.20	17.62 0.42 -8.13	18.31 0.41 -9.03	19.47 0.40 -10.37	21.65 0.38 -12.91	28.45 0.35 -20.48	34.57 0.39 -25.48	37.80 0.46 -26.80	35.92 0.61 -21.21	34.54 0.64 -18.79	29.82 0.52 -17.32	21.82 0.35 -13.21	18.78 0.26 -12.42

ATHENS_STG_3 23677	16.72 0.43 -6.08	15.14 0.40 -5.18	14.84 0.39 -5.14	14.23 0.40 -4.42	14.77 0.39 -5.05	15.88 0.41 -5.49	21.83 0.66 -5.16	23.89 0.70 -5.59	21.20 0.75 -3.42	17.88 0.77 0.00	17.07 0.65 -2.36	17.12 0.54 -5.20	17.62 0.42 -8.13	18.31 0.41 -9.03	19.47 0.40 -10.37	21.65 0.38 -12.91	28.45 0.35 -20.48	34.57 0.39 -25.48	37.80 0.46 -26.80	35.92 0.61 -21.21	34.54 0.64 -18.79	29.82 0.52 -17.32	21.82 0.35 -13.21	18.78 0.26 -12.42
AUBURN___LFGE 323710	11.15 0.17 -0.77	10.36 0.15 -0.65	10.12 0.16 -0.65	10.15 0.18 -0.56	10.13 0.17 -0.64	10.86 0.19 -0.69	17.05 0.38 -0.65	18.66 0.37 -0.70	17.76 0.29 -0.43	17.44 0.33 0.00	14.67 0.31 -0.30	12.26 0.22 -0.66	10.27 0.17 -1.03	10.17 0.16 -1.14	10.14 0.14 -1.31	10.11 0.13 -1.63	10.28 0.11 -2.55	12.03 0.15 -3.18	14.08 0.20 -3.34	17.03 0.27 -2.66	17.83 0.35 -2.36	14.37 0.20 -2.17	10.05 0.14 -1.66	7.78 0.12 -1.56
BABYLON_RES_REC 323704	20.62 1.10 -9.31	15.26 0.98 -4.72	17.09 1.00 -6.78	14.41 0.97 -4.03	14.88 0.94 -4.61	19.43 1.04 -8.41	25.30 1.67 -7.63	25.48 1.83 -6.06	25.24 1.91 -6.29	19.03 1.92 0.00	24.07 1.56 -8.45	23.21 1.29 -10.54	24.30 1.02 -14.21	25.08 0.99 -15.22	26.10 0.99 -16.42	26.57 0.96 -17.25	27.60 0.86 -19.12	33.47 0.96 -23.81	36.80 1.17 -25.09	39.13 1.54 -23.49	43.59 1.60 -26.86	31.92 1.25 -18.68	26.69 0.88 -17.56	24.35 0.67 -17.57
BABYLON__69_KV_BK2 356345	20.70 1.18 -9.31	15.33 1.05 -4.72	17.15 1.06 -6.78	14.47 1.03 -4.03	14.94 1.01 -4.61	19.51 1.12 -8.41	25.43 1.79 -7.63	25.62 1.97 -6.06	25.39 2.06 -6.29	19.15 2.04 0.00	24.14 1.63 -8.45	23.28 1.35 -10.54	24.36 1.07 -14.21	25.15 1.06 -15.22	26.16 1.04 -16.42	26.63 1.02 -17.25	27.67 0.93 -19.12	33.56 1.04 -23.82	36.91 1.28 -25.09	39.28 1.68 -23.50	44.16 1.78 -27.25	32.05 1.37 -18.69	26.76 0.95 -17.56	24.40 0.72 -17.57
BARON_WINDS___WT_PWR 323822	11.66 0.22 -1.24	10.79 0.18 -1.05	10.59 0.23 -1.04	10.53 0.22 -0.90	10.57 0.21 -1.03	11.29 0.20 -1.12	17.24 0.14 -1.09	18.71 -0.05 -1.17	17.72 -0.03 -0.72	17.26 0.15 0.00	14.64 0.08 -0.50	12.57 0.09 -1.09	10.81 0.04 -1.70	10.82 0.05 -1.89	10.90 0.03 -2.17	11.06 -0.01 -2.71	11.84 -0.05 -4.27	13.97 -0.03 -5.31	16.07 -0.05 -5.58	18.36 -0.18 -4.44	18.84 -0.23 -3.94	15.49 -0.13 -3.63	10.95 -0.07 -2.77	8.70 -0.01 -2.60
BARRETT_IC_1 23704	20.54 1.02 -9.31	15.19 0.91 -4.72	17.01 0.91 -6.78	14.34 0.89 -4.03	14.80 0.87 -4.61	19.35 0.96 -8.41	25.16 1.52 -7.63	25.30 1.65 -6.06	25.10 1.77 -6.29	18.92 1.81 0.00	24.00 1.49 -8.45	23.16 1.24 -10.54	24.27 0.98 -14.21	25.04 0.95 -15.22	26.04 0.93 -16.42	26.51 0.90 -17.25	27.54 0.80 -19.12	33.36 0.85 -23.80	36.65 1.02 -25.08	38.91 1.33 -23.48	43.13 1.36 -26.65	31.77 1.10 -18.68	26.61 0.80 -17.56	24.29 0.62 -17.57
BARRETT_IC_10 23701	20.54 1.02 -9.31	15.19 0.91 -4.72	17.01 0.91 -6.78	14.34 0.89 -4.03	14.80 0.87 -4.61	19.35 0.96 -8.41	25.16 1.52 -7.63	25.30 1.65 -6.06	25.10 1.77 -6.29	18.92 1.81 0.00	24.00 1.49 -8.45	23.16 1.24 -10.54	24.27 0.98 -14.21	25.04 0.95 -15.22	26.04 0.93 -16.42	26.51 0.90 -17.25	27.54 0.80 -19.12	33.36 0.85 -23.80	36.65 1.02 -25.08	38.91 1.33 -23.48	43.13 1.36 -26.65	31.77 1.10 -18.68	26.61 0.80 -17.56	24.29 0.62 -17.57
BARRETT_IC_11 23702	20.54 1.02 -9.31	15.19 0.91 -4.72	17.01 0.91 -6.78	14.34 0.89 -4.03	14.80 0.87 -4.61	19.35 0.96 -8.41	25.16 1.52 -7.63	25.30 1.65 -6.06	25.10 1.77 -6.29	18.92 1.81 0.00	24.00 1.49 -8.45	23.16 1.24 -10.54	24.27 0.98 -14.21	25.04 0.95 -15.22	26.04 0.93 -16.42	26.51 0.90 -17.25	27.54 0.80 -19.12	33.36 0.85 -23.80	36.65 1.02 -25.08	38.91 1.33 -23.48	43.13 1.36 -26.65	31.77 1.10 -18.68	26.61 0.80 -17.56	24.29 0.62 -17.57
BARRETT_IC_12 23703	20.54 1.02 -9.31	15.19 0.91 -4.72	17.01 0.91 -6.78	14.34 0.89 -4.03	14.80 0.87 -4.61	19.35 0.96 -8.41	25.16 1.52 -7.63	25.30 1.65 -6.06	25.10 1.77 -6.29	18.92 1.81 0.00	24.00 1.49 -8.45	23.16 1.24 -10.54	24.27 0.98 -14.21	25.04 0.95 -15.22	26.04 0.93 -16.42	26.51 0.90 -17.25	27.54 0.80 -19.12	33.36 0.85 -23.80	36.65 1.02 -25.08	38.91 1.33 -23.48	43.13 1.36 -26.65	31.77 1.10 -18.68	26.61 0.80 -17.56	24.29 0.62 -17.57
BARRETT_IC_2 23705	20.54 1.02 -9.31	15.19 0.91 -4.72	17.01 0.91 -6.78	14.34 0.89 -4.03	14.80 0.87 -4.61	19.35 0.96 -8.41	25.16 1.52 -7.63	25.30 1.65 -6.06	25.10 1.77 -6.29	18.92 1.81 0.00	24.00 1.49 -8.45	23.16 1.24 -10.54	24.27 0.98 -14.21	25.04 0.95 -15.22	26.04 0.93 -16.42	26.51 0.90 -17.25	27.54 0.80 -19.12	33.36 0.85 -23.80	36.65 1.02 -25.08	38.91 1.33 -23.48	43.13 1.36 -26.65	31.77 1.10 -18.68	26.61 0.80 -17.56	24.29 0.62 -17.57
BARRETT_IC_3 23706	20.54 1.02 -9.31	15.19 0.91 -4.72	17.01 0.91 -6.78	14.34 0.89 -4.03	14.80 0.87 -4.61	19.35 0.96 -8.41	25.16 1.52 -7.63	25.30 1.65 -6.06	25.10 1.77 -6.29	18.92 1.81 0.00	24.00 1.49 -8.45	23.16 1.24 -10.54	24.27 0.98 -14.21	25.04 0.95 -15.22	26.04 0.93 -16.42	26.51 0.90 -17.25	27.54 0.80 -19.12	33.36 0.85 -23.80	36.65 1.02 -25.08	38.91 1.33 -23.48	43.13 1.36 -26.65	31.77 1.10 -18.68	26.61 0.80 -17.56	24.29 0.62 -17.57
BARRETT_IC_4 23707	20.54 1.02 -9.31	15.19 0.91 -4.72	17.01 0.91 -6.78	14.34 0.89 -4.03	14.80 0.87 -4.61	19.35 0.96 -8.41	25.16 1.52 -7.63	25.30 1.65 -6.06	25.10 1.77 -6.29	18.92 1.81 0.00	24.00 1.49 -8.45	23.16 1.24 -10.54	24.27 0.98 -14.21	25.04 0.95 -15.22	26.04 0.93 -16.42	26.51 0.90 -17.25	27.54 0.80 -19.12	33.36 0.85 -23.80	36.65 1.02 -25.08	38.91 1.33 -23.48	43.13 1.36 -26.65	31.77 1.10 -18.68	26.61 0.80 -17.56	24.29 0.62 -17.57
BARRETT_IC_5 23708	20.54 1.02 -9.31	15.19 0.91 -4.72	17.01 0.91 -6.78	14.34 0.89 -4.03	14.80 0.87 -4.61	19.35 0.96 -8.41	25.16 1.52 -7.63	25.30 1.65 -6.06	25.10 1.77 -6.29	18.92 1.81 0.00	24.00 1.49 -8.45	23.16 1.24 -10.54	24.27 0.98 -14.21	25.04 0.95 -15.22	26.04 0.93 -16.42	26.51 0.90 -17.25	27.54 0.80 -19.12	33.36 0.85 -23.80	36.65 1.02 -25.08	38.91 1.33 -23.48	43.13 1.36 -26.65	31.77 1.10 -18.68	26.61 0.80 -17.56	24.29 0.62 -17.57
BARRETT_IC_6 23709	20.54 1.02 -9.31	15.19 0.91 -4.72	17.01 0.91 -6.78	14.34 0.89 -4.03	14.80 0.87 -4.61	19.35 0.96 -8.41	25.16 1.52 -7.63	25.30 1.65 -6.06	25.10 1.77 -6.29	18.92 1.81 0.00	24.00 1.49 -8.45	23.16 1.24 -10.54	24.27 0.98 -14.21	25.04 0.95 -15.22	26.04 0.93 -16.42	26.51 0.90 -17.25	27.54 0.80 -19.12	33.36 0.85 -23.80	36.65 1.02 -25.08	38.91 1.33 -23.48	43.13 1.36 -26.65	31.77 1.10 -18.68	26.61 0.80 -17.56	24.29 0.62 -17.57
BARRETT_IC_7 23710	20.54 1.02 -9.31	15.19 0.91 -4.72	17.01 0.91 -6.78	14.34 0.89 -4.03	14.80 0.87 -4.61	19.35 0.96 -8.41	25.16 1.52 -7.63	25.30 1.65 -6.06	25.10 1.77 -6.29	18.92 1.81 0.00	24.00 1.49 -8.45	23.16 1.24 -10.54	24.27 0.98 -14.21	25.04 0.95 -15.22	26.04 0.93 -16.42	26.51 0.90 -17.25	27.54 0.80 -19.12	33.36 0.85 -23.80	36.65 1.02 -25.08	38.91 1.33 -23.48	43.13 1.36 -26.65	31.77 1.10 -18.68	26.61 0.80 -17.56	24.29 0.62 -17.57

BARRETT_IC_8 23711	20.54 1.02 -9.31	15.19 0.91 -4.72	17.01 0.91 -6.78	14.34 0.89 -4.03	14.80 0.87 -4.61	19.35 0.96 -8.41	25.16 1.52 -7.63	25.30 1.65 -6.06	25.10 1.77 -6.29	18.92 1.81 0.00	24.00 1.49 -8.45	23.16 1.24 -10.54	24.27 0.98 -14.21	25.04 0.95 -15.22	26.04 0.93 -16.42	26.51 0.90 -17.25	27.54 0.80 -19.12	33.36 0.85 -23.80	36.65 1.02 -25.08	38.91 1.33 -23.48	43.13 1.36 -26.65	31.77 1.10 -18.68	26.61 0.80 -17.56	24.29 0.62 -17.57
BARRETT_IC_9 23700	20.54 1.02 -9.31	15.19 0.91 -4.72	17.01 0.91 -6.78	14.34 0.89 -4.03	14.80 0.87 -4.61	19.35 0.96 -8.41	25.16 1.52 -7.63	25.30 1.65 -6.06	25.10 1.77 -6.29	18.92 1.81 0.00	24.00 1.49 -8.45	23.16 1.24 -10.54	24.27 0.98 -14.21	25.04 0.95 -15.22	26.04 0.93 -16.42	26.51 0.90 -17.25	27.54 0.80 -19.12	33.36 0.85 -23.80	36.65 1.02 -25.08	38.91 1.33 -23.48	43.13 1.36 -26.65	31.77 1.10 -18.68	26.61 0.80 -17.56	24.29 0.62 -17.57
BARRETT___1 23545	20.54 1.02 -9.31	15.19 0.91 -4.72	17.01 0.91 -6.78	14.34 0.89 -4.03	14.80 0.87 -4.61	19.35 0.96 -8.41	25.16 1.52 -7.63	25.30 1.65 -6.06	25.10 1.77 -6.29	18.92 1.81 0.00	24.00 1.49 -8.45	23.16 1.24 -10.54	24.27 0.98 -14.21	25.04 0.95 -15.22	26.04 0.93 -16.42	26.51 0.90 -17.25	27.54 0.80 -19.12	33.36 0.85 -23.80	36.65 1.02 -25.08	38.91 1.33 -23.48	43.13 1.36 -26.65	31.77 1.10 -18.68	26.61 0.80 -17.56	24.29 0.62 -17.57
BARRETT___2 23546	20.54 1.02 -9.31	15.19 0.91 -4.72	17.01 0.91 -6.78	14.34 0.89 -4.03	14.80 0.87 -4.61	19.35 0.96 -8.41	25.16 1.52 -7.63	25.30 1.65 -6.06	25.10 1.77 -6.29	18.92 1.81 0.00	24.00 1.49 -8.45	23.16 1.24 -10.54	24.27 0.98 -14.21	25.04 0.95 -15.22	26.04 0.93 -16.42	26.51 0.90 -17.25	27.54 0.80 -19.12	33.36 0.85 -23.80	36.65 1.02 -25.08	38.91 1.33 -23.48	43.13 1.36 -26.65	31.77 1.10 -18.68	26.61 0.80 -17.56	24.29 0.62 -17.57
BATAVIA___115KV_TB1 55881	11.19 0.14 -0.84	10.39 0.12 -0.72	10.21 0.19 -0.71	10.18 0.16 -0.61	10.19 0.17 -0.70	10.85 0.11 -0.76	16.67 -0.10 -0.75	17.95 -0.46 -0.81	17.07 -0.46 -0.50	16.80 -0.31 0.00	14.28 -0.13 -0.34	12.07 -0.07 -0.76	10.16 -0.10 -1.18	10.15 -0.04 -1.32	10.15 -0.06 -1.51	10.14 -0.10 -1.88	10.41 -0.17 -2.96	12.23 -0.16 -3.68	14.17 -0.24 -3.87	16.75 -0.44 -3.08	17.34 -0.51 -2.74	14.26 -0.25 -2.52	10.08 -0.09 -1.92	7.90 -0.01 -1.81
BAYONEEC___CTG1 323682	16.65 0.90 -5.54	15.09 0.81 -4.72	14.80 0.80 -4.69	14.23 0.79 -4.03	14.72 0.78 -4.61	15.81 0.83 -5.01	22.03 1.31 -4.71	24.19 1.48 -5.12	21.77 1.60 -3.13	18.81 1.68 -0.02	17.62 1.39 -2.16	18.04 1.15 -5.51	18.38 0.91 -8.40	19.26 0.89 -9.50	19.15 0.89 -9.57	21.05 0.87 -11.83	27.52 0.78 -19.12	33.35 0.85 -23.80	36.60 0.98 -25.07	34.92 1.28 -19.53	33.59 1.28 -17.18	28.87 1.04 -15.84	21.05 0.71 -12.09	18.02 0.56 -11.36
BAYONEEC___CTG10 323750	16.65 0.90 -5.54	15.09 0.81 -4.72	14.80 0.80 -4.69	14.23 0.79 -4.03	14.72 0.78 -4.61	15.81 0.83 -5.01	22.03 1.31 -4.71	24.19 1.48 -5.12	21.77 1.60 -3.13	18.81 1.68 -0.02	17.62 1.39 -2.16	18.04 1.15 -5.51	18.38 0.91 -8.40	19.26 0.89 -9.50	19.15 0.89 -9.57	21.05 0.87 -11.83	27.52 0.78 -19.12	33.35 0.85 -23.80	36.60 0.98 -25.07	34.92 1.28 -19.53	33.59 1.28 -17.18	28.87 1.04 -15.84	21.05 0.71 -12.09	18.02 0.56 -11.36
BAYONEEC___CTG2 323683	16.65 0.90 -5.54	15.09 0.81 -4.72	14.80 0.80 -4.69	14.23 0.79 -4.03	14.72 0.78 -4.61	15.81 0.83 -5.01	22.03 1.31 -4.71	24.19 1.48 -5.12	21.77 1.60 -3.13	18.81 1.68 -0.02	17.62 1.39 -2.16	18.04 1.15 -5.51	18.38 0.91 -8.40	19.26 0.89 -9.50	19.15 0.89 -9.57	21.05 0.87 -11.83	27.52 0.78 -19.12	33.35 0.85 -23.80	36.60 0.98 -25.07	34.92 1.28 -19.53	33.59 1.28 -17.18	28.87 1.04 -15.84	21.05 0.71 -12.09	18.02 0.56 -11.36
BAYONEEC___CTG3 323684	16.65 0.90 -5.54	15.09 0.81 -4.72	14.80 0.80 -4.69	14.23 0.79 -4.03	14.72 0.78 -4.61	15.81 0.83 -5.01	22.03 1.31 -4.71	24.19 1.48 -5.12	21.77 1.60 -3.13	18.81 1.68 -0.02	17.62 1.39 -2.16	18.04 1.15 -5.51	18.38 0.91 -8.40	19.26 0.89 -9.50	19.15 0.89 -9.57	21.05 0.87 -11.83	27.52 0.78 -19.12	33.35 0.85 -23.80	36.60 0.98 -25.07	34.92 1.28 -19.53	33.59 1.28 -17.18	28.87 1.04 -15.84	21.05 0.71 -12.09	18.02 0.56 -11.36
BAYONEEC___CTG4 323685	16.65 0.90 -5.54	15.09 0.81 -4.72	14.80 0.80 -4.69	14.23 0.79 -4.03	14.72 0.78 -4.61	15.81 0.83 -5.01	22.03 1.31 -4.71	24.19 1.48 -5.12	21.77 1.60 -3.13	18.81 1.68 -0.02	17.62 1.39 -2.16	18.04 1.15 -5.51	18.38 0.91 -8.40	19.26 0.89 -9.50	19.15 0.89 -9.57	21.05 0.87 -11.83	27.52 0.78 -19.12	33.35 0.85 -23.80	36.60 0.98 -25.07	34.92 1.28 -19.53	33.59 1.28 -17.18	28.87 1.04 -15.84	21.05 0.71 -12.09	18.02 0.56 -11.36
BAYONEEC___CTG5 323686	16.65 0.90 -5.54	15.09 0.81 -4.72	14.80 0.80 -4.69	14.23 0.79 -4.03	14.72 0.78 -4.61	15.81 0.83 -5.01	22.03 1.31 -4.71	24.19 1.48 -5.12	21.77 1.60 -3.13	18.81 1.68 -0.02	17.62 1.39 -2.16	18.04 1.15 -5.51	18.38 0.91 -8.40	19.26 0.89 -9.50	19.15 0.89 -9.57	21.05 0.87 -11.83	27.52 0.78 -19.12	33.35 0.85 -23.80	36.60 0.98 -25.07	34.92 1.28 -19.53	33.59 1.28 -17.18	28.87 1.04 -15.84	21.05 0.71 -12.09	18.02 0.56 -11.36
BAYONEEC___CTG6 323687	16.65 0.90 -5.54	15.09 0.81 -4.72	14.80 0.80 -4.69	14.23 0.79 -4.03	14.72 0.78 -4.61	15.81 0.83 -5.01	22.03 1.31 -4.71	24.19 1.48 -5.12	21.77 1.60 -3.13	18.81 1.68 -0.02	17.62 1.39 -2.16	18.04 1.15 -5.51	18.38 0.91 -8.40	19.26 0.89 -9.50	19.15 0.89 -9.57	21.05 0.87 -11.83	27.52 0.78 -19.12	33.35 0.85 -23.80	36.60 0.98 -25.07	34.92 1.28 -19.53	33.59 1.28 -17.18	28.87 1.04 -15.84	21.05 0.71 -12.09	18.02 0.56 -11.36
BAYONEEC___CTG7 323688	16.65 0.90 -5.54	15.09 0.81 -4.72	14.80 0.80 -4.69	14.23 0.79 -4.03	14.72 0.78 -4.61	15.81 0.83 -5.01	22.03 1.31 -4.71	24.19 1.48 -5.12	21.77 1.60 -3.13	18.81 1.68 -0.02	17.62 1.39 -2.16	18.04 1.15 -5.51	18.38 0.91 -8.40	19.26 0.89 -9.50	19.15 0.89 -9.57	21.05 0.87 -11.83	27.52 0.78 -19.12	33.35 0.85 -23.80	36.60 0.98 -25.07	34.92 1.28 -19.53	33.59 1.28 -17.18	28.87 1.04 -15.84	21.05 0.71 -12.09	18.02 0.56 -11.36
BAYONEEC___CTG8 323689	16.65 0.90 -5.54	15.09 0.81 -4.72	14.80 0.80 -4.69	14.23 0.79 -4.03	14.72 0.78 -4.61	15.81 0.83 -5.01	22.03 1.31 -4.71	24.19 1.48 -5.12	21.77 1.60 -3.13	18.81 1.68 -0.02	17.62 1.39 -2.16	18.04 1.15 -5.51	18.38 0.91 -8.40	19.26 0.89 -9.50	19.15 0.89 -9.57	21.05 0.87 -11.83	27.52 0.78 -19.12	33.35 0.85 -23.80	36.60 0.98 -25.07	34.92 1.28 -19.53	33.59 1.28 -17.18	28.87 1.04 -15.84	21.05 0.71 -12.09	18.02 0.56 -11.36
BAYONEEC___CTG9 323749	16.65 0.90 -5.54	15.09 0.81 -4.72	14.80 0.80 -4.69	14.23 0.79 -4.03	14.72 0.78 -4.61	15.81 0.83 -5.01	22.03 1.31 -4.71	24.19 1.48 -5.12	21.77 1.60 -3.13	18.81 1.68 -0.02	17.62 1.39 -2.16	18.04 1.15 -5.51	18.38 0.91 -8.40	19.26 0.89 -9.50	19.15 0.89 -9.57	21.05 0.87 -11.83	27.52 0.78 -19.12	33.35 0.85 -23.80	36.60 0.98 -25.07	34.92 1.28 -19.53	33.59 1.28 -17.18	28.87 1.04 -15.84	21.05 0.71 -12.09	18.02 0.56 -11.36

BEACON___LESR 323632	17.20 0.34 -6.66	15.55 0.33 -5.67	15.25 0.32 -5.63	14.60 0.35 -4.84	15.19 0.33 -5.53	16.34 0.35 -6.01	22.21 0.54 -5.65	24.27 0.56 -6.12	21.35 0.56 -3.75	17.71 0.60 0.00	17.16 0.51 -2.59	17.48 0.40 -5.70	18.30 0.32 -8.91	19.09 0.33 -9.89	20.36 0.30 -11.36	22.79 0.28 -14.15	29.76 0.25 -21.89	36.22 0.31 -27.20	39.46 0.37 -28.55	37.64 0.48 -23.05	36.27 0.56 -20.59	31.40 0.43 -18.98	23.04 0.31 -14.48	19.91 0.20 -13.61
BEAVER RIVER___HYD 24048	10.29 -0.16 -0.25	9.62 -0.14 -0.21	9.36 -0.16 -0.21	9.43 -0.16 -0.18	9.40 -0.14 -0.21	10.06 -0.14 -0.23	16.05 -0.18 -0.21	17.59 -0.23 -0.23	15.71 -0.36 0.97	15.32 -0.46 1.33	11.24 -0.55 2.28	9.08 -0.49 1.82	7.10 -0.40 1.57	6.99 -0.40 1.48	6.75 -0.39 1.55	6.63 -0.37 1.36	6.47 -0.30 0.85	7.44 -0.32 0.94	8.81 -0.34 1.39	11.29 -0.31 2.50	12.14 -0.26 2.72	9.54 -0.29 2.16	6.73 -0.21 1.31	5.18 -0.16 0.76
BEEBEE_GT_13 23619	11.01 0.07 -0.74	10.25 0.07 -0.63	10.04 0.11 -0.62	10.04 0.09 -0.54	10.03 0.09 -0.61	10.71 0.07 -0.67	16.71 0.08 -0.62	18.18 -0.09 -0.67	17.36 -0.09 -0.41	17.15 0.03 0.00	14.46 0.11 -0.28	12.08 0.07 -0.63	10.10 0.05 -0.98	10.04 0.08 -1.09	10.01 0.07 -1.25	9.95 0.04 -1.55	10.05 -0.01 -2.44	11.75 0.01 -3.04	13.72 -0.02 -3.19	16.58 -0.07 -2.54	17.27 -0.11 -2.26	14.06 -0.01 -2.08	9.88 0.04 -1.59	7.65 0.06 -1.49
BENSHRST_27_KV_BENSHRST_1 355998	16.77 1.01 -5.55	15.18 0.90 -4.73	14.89 0.88 -4.69	14.31 0.87 -4.04	14.81 0.87 -4.61	15.84 0.86 -5.01	22.05 1.33 -4.71	24.24 1.53 -5.12	21.83 1.67 -3.13	18.88 1.75 -0.02	17.67 1.45 -2.16	18.26 1.21 -5.67	18.65 0.97 -8.61	19.60 0.95 -9.78	19.23 0.95 -9.59	21.13 0.94 -11.83	27.61 0.88 -19.12	33.48 0.97 -23.80	36.74 1.12 -25.08	35.09 1.45 -19.54	33.76 1.45 -17.19	28.97 1.14 -15.84	21.08 0.74 -12.09	18.10 0.63 -11.37
BETHLEHEM___GRP 23843	17.06 0.19 -6.66	15.43 0.20 -5.68	15.15 0.20 -5.63	14.49 0.24 -4.84	15.08 0.21 -5.54	16.21 0.21 -6.02	21.94 0.27 -5.66	24.00 0.28 -6.12	21.11 0.32 -3.75	17.47 0.36 0.00	16.96 0.31 -2.59	17.33 0.24 -5.70	18.18 0.19 -8.92	18.96 0.19 -9.90	20.24 0.17 -11.37	22.67 0.15 -14.17	29.68 0.13 -21.93	36.11 0.16 -27.25	39.35 0.19 -28.62	37.45 0.25 -23.09	36.03 0.29 -20.62	31.22 0.23 -19.01	22.92 0.17 -14.50	19.83 0.10 -13.63
BETHLEHEM___GS1 323560	17.06 0.19 -6.66	15.43 0.20 -5.68	15.15 0.20 -5.63	14.48 0.23 -4.84	15.08 0.21 -5.54	16.21 0.21 -6.02	21.94 0.27 -5.66	24.00 0.28 -6.12	21.11 0.32 -3.75	17.49 0.38 0.00	16.98 0.32 -2.59	17.34 0.25 -5.70	18.19 0.20 -8.92	18.98 0.20 -9.90	20.24 0.17 -11.37	22.67 0.15 -14.17	29.68 0.13 -21.93	36.11 0.16 -27.25	39.34 0.19 -28.60	37.44 0.25 -23.08	36.02 0.29 -20.61	31.21 0.23 -19.00	22.91 0.16 -14.49	19.83 0.10 -13.62
BETHLEHEM___GS2 323561	17.06 0.19 -6.66	15.43 0.20 -5.68	15.15 0.20 -5.63	14.48 0.23 -4.84	15.08 0.21 -5.54	16.21 0.21 -6.02	21.94 0.27 -5.66	24.00 0.28 -6.12	21.11 0.32 -3.75	17.49 0.38 0.00	16.98 0.32 -2.59	17.34 0.25 -5.70	18.19 0.20 -8.92	18.98 0.20 -9.90	20.24 0.17 -11.37	22.67 0.15 -14.17	29.68 0.13 -21.93	36.11 0.16 -27.25	39.34 0.19 -28.60	37.44 0.25 -23.08	36.02 0.29 -20.61	31.21 0.23 -19.00	22.91 0.16 -14.49	19.83 0.10 -13.62
BETHLEHEM___GS3 323562	17.06 0.19 -6.66	15.43 0.20 -5.68	15.15 0.20 -5.63	14.48 0.23 -4.84	15.08 0.21 -5.54	16.21 0.21 -6.02	21.94 0.27 -5.66	24.00 0.28 -6.12	21.11 0.32 -3.75	17.49 0.38 0.00	16.98 0.32 -2.59	17.34 0.25 -5.70	18.19 0.20 -8.92	18.98 0.20 -9.90	20.24 0.17 -11.37	22.67 0.15 -14.17	29.68 0.13 -21.93	36.11 0.16 -27.25	39.34 0.19 -28.60	37.44 0.25 -23.08	36.02 0.29 -20.61	31.21 0.23 -19.00	22.91 0.16 -14.49	19.83 0.10 -13.62
BETHLEHEM___STEEL 23779	11.24 0.07 -0.96	10.42 0.05 -0.82	10.25 0.13 -0.81	10.20 0.09 -0.70	10.21 0.08 -0.80	10.87 0.02 -0.87	16.76 -0.08 -0.83	18.12 -0.37 -0.89	17.23 -0.36 -0.55	16.92 -0.19 0.00	14.41 -0.03 -0.38	12.24 0.02 -0.83	10.34 -0.04 -1.30	10.34 0.03 -1.44	10.36 0.00 -1.66	10.36 -0.06 -2.06	10.75 -0.11 -3.25	12.63 -0.11 -4.04	14.60 -0.19 -4.25	17.08 -0.41 -3.38	17.64 -0.48 -3.00	14.52 -0.24 -2.77	10.26 -0.11 -2.11	8.07 -0.01 -1.99
BETHLHEM_115KV_TB1 79974	17.09 0.22 -6.66	15.46 0.23 -5.67	15.16 0.22 -5.63	14.51 0.25 -4.84	15.10 0.23 -5.53	16.23 0.24 -6.01	21.99 0.32 -5.66	24.05 0.33 -6.12	21.16 0.37 -3.75	17.52 0.41 0.00	16.99 0.34 -2.59	17.36 0.27 -5.70	18.20 0.22 -8.91	18.97 0.20 -9.90	20.26 0.19 -11.37	22.69 0.18 -14.16	29.71 0.15 -21.94	36.15 0.18 -27.26	39.41 0.23 -28.63	37.49 0.30 -23.09	36.07 0.33 -20.61	31.25 0.26 -19.00	22.94 0.19 -14.50	19.85 0.13 -13.62
BETHPAGE_CC_5 323564	20.60 1.08 -9.31	15.24 0.96 -4.72	17.07 0.98 -6.78	14.39 0.95 -4.03	14.86 0.92 -4.61	19.41 1.02 -8.41	25.25 1.62 -7.63	25.43 1.78 -6.06	25.20 1.87 -6.29	19.01 1.90 0.00	24.06 1.55 -8.45	23.21 1.29 -10.54	24.29 1.01 -14.21	25.08 0.99 -15.22	26.10 0.98 -16.42	26.56 0.95 -17.25	27.58 0.84 -19.12	33.44 0.93 -23.81	36.76 1.13 -25.08	39.07 1.48 -23.48	43.39 1.51 -26.76	31.87 1.20 -18.68	26.67 0.86 -17.56	24.33 0.65 -17.57
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	11.24 0.05 -0.98	10.41 0.02 -0.83	10.24 0.10 -0.83	10.19 0.07 -0.71	10.21 0.07 -0.81	10.85 -0.01 -0.89	16.76 -0.10 -0.84	18.11 -0.39 -0.91	17.22 -0.37 -0.56	16.89 -0.22 0.00	14.39 -0.06 -0.38	12.23 0.00 -0.85	10.34 -0.05 -1.32	10.35 0.01 -1.47	10.37 -0.02 -1.69	10.38 -0.08 -2.10	10.79 -0.14 -3.31	12.68 -0.14 -4.12	14.66 -0.21 -4.33	17.11 -0.44 -3.44	17.65 -0.51 -3.04	14.52 -0.26 -2.80	10.26 -0.12 -2.14	8.09 -0.02 -2.01
BINGHAMTON___COGEN 23790	12.14 0.19 -1.74	11.21 0.17 -1.48	10.97 0.19 -1.47	10.86 0.18 -1.26	10.96 0.19 -1.45	11.74 0.19 -1.57	17.81 0.32 -1.48	19.44 0.25 -1.60	18.27 0.26 -0.98	17.38 0.27 0.00	14.99 0.25 -0.68	13.07 0.19 -1.49	11.54 0.15 -2.33	11.60 0.14 -2.58	11.80 0.14 -2.97	12.17 0.12 -3.70	13.54 0.11 -5.82	16.07 0.13 -7.24	18.32 0.17 -7.61	20.36 0.20 -6.05	20.72 0.23 -5.38	17.11 0.17 -4.95	12.15 0.12 -3.78	9.76 0.11 -3.55
BIXINCNT_115KV_LOAD 355685	11.34 0.10 -1.03	10.50 0.07 -0.88	10.33 0.15 -0.87	10.27 0.10 -0.75	10.30 0.11 -0.86	10.96 0.05 -0.93	16.94 0.05 -0.88	18.35 -0.19 -0.95	17.43 -0.19 -0.58	17.03 -0.09 0.00	14.48 0.01 -0.40	12.32 0.05 -0.89	10.44 -0.02 -1.39	10.44 0.03 -1.54	10.46 -0.01 -1.77	10.48 -0.08 -2.20	10.96 -0.12 -3.47	12.87 -0.15 -4.31	14.88 -0.20 -4.53	17.32 -0.39 -3.61	17.88 -0.44 -3.20	14.65 -0.29 -2.95	10.32 -0.18 -2.25	8.14 -0.07 -2.11
BLACK RIVER___HYD 24047	10.47 -0.08 -0.34	9.79 -0.06 -0.29	9.52 -0.08 -0.29	9.58 -0.08 -0.25	9.55 -0.06 -0.29	10.25 -0.04 -0.31	16.32 0.02 -0.29	17.86 -0.05 -0.32	16.27 -0.19 0.57	15.84 -0.34 0.92	12.16 -0.39 1.51	9.91 -0.36 1.11	7.91 -0.31 0.86	7.78 -0.32 0.77	7.60 -0.31 0.78	7.49 -0.29 0.58	7.38 -0.21 0.02	8.53 -0.23 -0.06	10.11 -0.21 0.22	12.85 -0.11 1.14	13.76 0.00 1.36	10.85 -0.13 1.01	7.61 -0.10 0.54	5.85 -0.07 0.18

BLACKRVR_115KV_TB2 79977	10.47 -0.08 -0.34	9.79 -0.06 -0.29	9.52 -0.08 -0.29	9.58 -0.08 -0.25	9.55 -0.07 -0.29	10.25 -0.04 -0.31	16.32 0.02 -0.29	17.86 -0.05 -0.32	16.28 -0.19 0.57	15.87 -0.33 0.92	12.17 -0.39 1.50	9.94 -0.35 1.10	7.92 -0.31 0.85	7.79 -0.32 0.76	7.61 -0.31 0.77	7.50 -0.29 0.57	7.40 -0.21 0.01	8.54 -0.23 -0.07	10.13 -0.21 0.20	12.88 -0.11 1.11	13.79 0.00 1.33	10.86 -0.13 0.99	7.62 -0.10 0.53	5.86 -0.07 0.17
BLISS_WT_PWR 323608	11.35 0.11 -1.03	10.51 0.08 -0.88	10.34 0.16 -0.87	10.28 0.12 -0.75	10.31 0.12 -0.86	10.98 0.07 -0.93	16.97 0.08 -0.88	18.39 -0.16 -0.95	17.47 -0.15 -0.58	17.35 0.24 0.00	14.48 0.01 -0.40	12.31 0.03 -0.89	10.43 -0.03 -1.39	10.43 0.02 -1.54	10.45 -0.02 -1.77	10.47 -0.09 -2.20	10.96 -0.13 -3.47	12.86 -0.16 -4.32	14.87 -0.21 -4.54	17.30 -0.41 -3.61	17.87 -0.45 -3.21	14.63 -0.31 -2.95	10.30 -0.21 -2.25	8.13 -0.09 -2.12
BLUE_CIRC_CHEM_DRP 24182	17.08 0.32 -6.56	15.44 0.31 -5.58	15.16 0.31 -5.54	14.50 0.33 -4.76	15.09 0.32 -5.45	16.23 0.33 -5.92	22.09 0.51 -5.57	24.14 0.53 -6.02	21.24 0.51 -3.69	17.64 0.53 0.00	17.05 0.44 -2.55	17.33 0.34 -5.61	18.11 0.27 -8.77	18.87 0.27 -9.74	20.13 0.25 -11.18	22.52 0.23 -13.93	29.51 0.21 -21.69	35.91 0.25 -26.96	39.18 0.31 -28.33	37.27 0.41 -22.75	35.86 0.45 -20.28	31.04 0.36 -18.70	22.77 0.26 -14.26	19.68 0.18 -13.41
BOC_GAS_DRP 24189	17.15 0.31 -6.64	15.50 0.29 -5.66	15.21 0.29 -5.61	14.54 0.30 -4.83	15.14 0.29 -5.52	16.28 0.30 -6.00	22.10 0.45 -5.64	24.17 0.47 -6.10	21.28 0.51 -3.74	17.64 0.53 0.00	17.10 0.45 -2.58	17.43 0.36 -5.68	18.24 0.28 -8.89	19.01 0.28 -9.87	20.30 0.27 -11.33	22.72 0.25 -14.11	29.83 0.23 -21.98	36.28 0.26 -27.32	39.58 0.32 -28.72	37.58 0.41 -23.07	36.12 0.44 -20.56	31.30 0.36 -18.95	22.96 0.25 -14.46	19.87 0.18 -13.59
BOONVILLE_115KV_TB1 79983	10.49 0.06 -0.22	9.81 0.07 -0.19	9.54 0.05 -0.18	9.62 0.05 -0.16	9.58 0.07 -0.18	10.26 0.08 -0.20	16.37 0.18 -0.19	17.95 0.16 -0.20	16.97 0.10 0.17	16.79 0.03 0.35	13.45 -0.07 0.54	10.97 -0.09 0.32	8.79 -0.09 0.19	8.63 -0.10 0.15	8.46 -0.10 0.14	8.25 -0.08 0.02	7.87 -0.05 -0.30	9.06 -0.04 -0.40	10.83 -0.02 -0.31	14.06 0.07 0.12	15.03 0.14 0.23	11.90 0.04 0.12	8.25 0.01 0.00	6.23 0.01 -0.12
BORALEX_4TH_BRANCH 23824	17.38 0.50 -6.67	15.70 0.46 -5.68	15.39 0.45 -5.64	14.70 0.44 -4.85	15.32 0.45 -5.54	16.49 0.49 -6.02	22.48 0.80 -5.66	24.59 0.86 -6.13	21.65 0.85 -3.76	17.93 0.82 0.00	17.34 0.67 -2.60	17.64 0.54 -5.72	18.44 0.43 -8.94	19.22 0.42 -9.93	20.51 0.41 -11.40	22.94 0.38 -14.20	29.40 0.34 -21.43	35.72 0.41 -26.61	38.94 0.53 -27.87	37.74 0.69 -22.94	36.52 0.74 -20.66	31.64 0.61 -19.05	23.22 0.44 -14.53	20.03 0.27 -13.66
BOWLINE___1 23526	16.38 0.78 -5.40	14.85 0.70 -4.60	14.56 0.69 -4.57	14.02 0.68 -3.93	14.50 0.68 -4.49	15.58 0.72 -4.88	21.77 1.17 -4.59	23.90 1.30 -5.01	21.49 1.40 -3.06	18.55 1.44 0.00	17.37 1.19 -2.12	17.05 0.99 -4.67	17.15 0.78 -7.30	17.75 0.76 -8.11	18.75 0.77 -9.28	20.67 0.75 -11.56	27.00 0.69 -18.70	32.74 0.76 -23.28	35.95 0.89 -24.52	34.37 1.16 -19.11	33.12 1.18 -16.81	28.43 0.95 -15.50	20.71 0.64 -11.83	17.70 0.48 -11.11
BOWLINE___2 23595	16.38 0.77 -5.41	14.86 0.70 -4.60	14.57 0.69 -4.57	14.02 0.68 -3.93	14.49 0.67 -4.49	15.58 0.72 -4.88	21.75 1.15 -4.59	23.89 1.28 -5.01	21.50 1.40 -3.06	18.55 1.44 0.00	17.37 1.19 -2.12	17.05 0.99 -4.67	17.16 0.78 -7.30	17.75 0.76 -8.12	18.75 0.77 -9.29	20.66 0.74 -11.56	27.01 0.69 -18.71	32.75 0.76 -23.29	35.96 0.89 -24.54	34.38 1.16 -19.12	33.11 1.16 -16.82	28.44 0.95 -15.51	20.71 0.63 -11.83	17.70 0.48 -11.12
BRADY___115KV_TB2 356060	9.87 -0.34 0.00	9.27 -0.29 0.00	8.98 -0.33 0.00	9.10 -0.31 0.00	9.02 -0.31 0.00	9.68 -0.30 0.00	15.52 -0.50 0.00	17.05 -0.55 0.00	12.77 -0.70 3.57	12.12 -0.70 4.29	5.76 -0.66 7.64	4.02 -0.51 6.85	2.35 -0.40 6.33	2.33 -0.38 6.16	1.81 -0.37 6.52	1.79 -0.34 6.22	1.74 -0.29 5.58	1.85 -0.33 6.52	2.02 -0.39 8.14	2.64 -0.47 11.00	3.17 -0.50 11.45	2.20 -0.41 9.38	1.83 -0.30 6.13	1.61 -0.23 4.26
BRANSCOMB___SOLAR 323811	17.49 0.40 -6.88	15.80 0.38 -5.86	15.50 0.37 -5.82	14.79 0.38 -5.00	15.43 0.38 -5.72	16.61 0.42 -6.21	22.61 0.75 -5.84	24.67 0.76 -6.32	21.56 0.65 -3.87	17.73 0.62 0.00	17.25 0.51 -2.68	17.66 0.39 -5.89	18.59 0.31 -9.21	19.41 0.31 -10.23	20.74 0.30 -11.75	23.29 0.30 -14.63	30.45 0.27 -22.56	37.09 0.36 -28.03	40.38 0.43 -29.40	38.53 0.62 -23.80	37.16 0.76 -21.29	32.17 0.56 -19.62	23.60 0.38 -14.97	20.43 0.26 -14.07
BRENTWOD_69_KV_W. BRTWOOD 56703	20.63 1.11 -9.31	15.27 0.99 -4.72	17.10 1.01 -6.78	14.41 0.97 -4.03	14.89 0.95 -4.61	19.44 1.05 -8.41	25.34 1.70 -7.63	25.50 1.85 -6.06	25.29 1.96 -6.29	19.03 1.92 0.00	24.06 1.55 -8.45	23.20 1.28 -10.54	24.29 1.01 -14.21	25.08 0.99 -15.22	26.09 0.97 -16.42	26.56 0.94 -17.25	27.60 0.86 -19.12	33.51 0.97 -23.84	36.84 1.18 -25.12	39.18 1.55 -23.52	44.99 1.66 -28.20	31.96 1.26 -18.72	26.69 0.87 -17.56	24.35 0.68 -17.57
BRISTLHL_115KV_TB1 79998	10.57 -0.17 -0.53	9.84 -0.17 -0.46	9.60 -0.16 -0.45	9.64 -0.16 -0.39	9.61 -0.16 -0.44	10.30 -0.16 -0.48	16.24 -0.22 -0.45	17.78 -0.30 -0.49	17.03 -0.31 -0.30	16.80 -0.31 0.00	14.04 -0.22 -0.21	11.65 -0.19 -0.45	9.63 -0.15 -0.71	9.50 -0.16 -0.79	9.44 -0.17 -0.91	9.32 -0.17 -1.13	9.25 -0.15 -1.78	10.75 -0.17 -2.22	12.68 -0.19 -2.33	15.70 -0.25 -1.85	16.51 -0.26 -1.65	13.28 -0.23 -1.52	9.26 -0.15 -1.16	7.09 -0.10 -1.09
BROOKHAVEN___DRP 24191	20.61 1.09 -9.31	15.24 0.96 -4.72	17.08 0.99 -6.78	14.40 0.96 -4.03	14.86 0.92 -4.61	19.42 1.03 -8.41	25.30 1.67 -7.63	25.48 1.83 -6.06	25.24 1.91 -6.29	18.98 1.87 0.00	24.02 1.50 -8.45	23.17 1.25 -10.54	24.28 0.99 -14.21	25.07 0.98 -15.22	26.08 0.97 -16.42	26.56 0.94 -17.25	27.62 0.88 -19.12	33.49 0.98 -23.81	36.82 1.19 -25.08	39.16 1.57 -23.49	43.87 1.66 -27.08	31.94 1.27 -18.69	26.69 0.87 -17.56	24.34 0.67 -17.57
BROOKLYN_NAVY_YARD 23515	16.64 0.89 -5.54	15.08 0.80 -4.72	14.79 0.79 -4.69	14.21 0.77 -4.03	14.71 0.77 -4.61	15.80 0.82 -5.01	22.02 1.30 -4.71	24.19 1.48 -5.12	21.77 1.60 -3.13	18.79 1.66 -0.02	17.57 1.35 -2.16	18.01 1.12 -5.51	18.35 0.88 -8.40	19.25 0.87 -9.50	19.14 0.87 -9.57	21.03 0.84 -11.83	27.52 0.78 -19.12	33.35 0.84 -23.80	36.60 0.98 -25.07	34.91 1.27 -19.53	33.59 1.28 -17.18	28.85 1.02 -15.84	21.04 0.70 -12.09	18.02 0.56 -11.36
BROOKLYN___ARMY_DRP 323595	16.73 0.97 -5.55	15.15 0.87 -4.73	14.86 0.86 -4.69	14.29 0.84 -4.04	14.78 0.84 -4.61	15.81 0.83 -5.01	21.98 1.26 -4.71	24.17 1.46 -5.12	21.77 1.60 -3.13	18.81 1.68 -0.02	17.62 1.39 -2.16	18.22 1.16 -5.67	18.61 0.93 -8.61	19.56 0.91 -9.78	19.19 0.90 -9.59	21.08 0.89 -11.83	27.58 0.84 -19.12	33.42 0.92 -23.80	36.69 1.06 -25.08	35.02 1.38 -19.54	33.69 1.38 -17.19	28.91 1.08 -15.84	21.05 0.71 -12.09	18.07 0.60 -11.37

BROOKVLE_69_KV_TB1 55790	20.55 1.03 -9.31	15.20 0.93 -4.72	17.02 0.93 -6.78	14.35 0.90 -4.03	14.83 0.90 -4.61	19.36 0.97 -8.41	25.19 1.55 -7.63	25.38 1.72 -6.06	25.15 1.82 -6.29	18.94 1.83 0.00	24.03 1.52 -8.45	23.19 1.26 -10.54	24.28 1.00 -14.21	25.08 0.98 -15.22	26.10 0.98 -16.42	26.57 0.96 -17.25	27.61 0.87 -19.12	33.47 0.97 -23.80	36.77 1.15 -25.08	39.10 1.51 -23.48	43.30 1.53 -26.65	31.89 1.22 -18.68	26.64 0.83 -17.56	24.31 0.63 -17.57
BROOME_2_LFGE 323671	12.14 0.19 -1.74	11.21 0.17 -1.48	10.97 0.19 -1.47	10.85 0.18 -1.26	10.96 0.19 -1.45	11.74 0.19 -1.57	17.81 0.32 -1.48	19.44 0.25 -1.60	18.27 0.26 -0.98	17.44 0.32 0.00	14.99 0.25 -0.68	13.07 0.19 -1.49	11.54 0.14 -2.33	11.60 0.14 -2.58	11.79 0.13 -2.97	12.17 0.12 -3.70	13.55 0.11 -5.82	16.07 0.13 -7.24	18.32 0.17 -7.61	20.36 0.20 -6.06	20.73 0.23 -5.38	17.11 0.17 -4.96	12.15 0.12 -3.78	9.76 0.10 -3.55
BROOME__LFGE 323600	12.14 0.19 -1.74	11.21 0.17 -1.48	10.97 0.19 -1.47	10.85 0.18 -1.26	10.96 0.19 -1.45	11.74 0.19 -1.57	17.81 0.32 -1.48	19.44 0.25 -1.60	18.27 0.26 -0.98	17.44 0.32 0.00	14.99 0.25 -0.68	13.07 0.19 -1.49	11.54 0.14 -2.33	11.60 0.14 -2.58	11.79 0.13 -2.97	12.17 0.12 -3.70	13.55 0.11 -5.82	16.07 0.13 -7.24	18.32 0.17 -7.61	20.36 0.20 -6.06	20.73 0.23 -5.38	17.11 0.17 -4.96	12.15 0.12 -3.78	9.76 0.10 -3.55
BROWNFLS_115KV_TB_3_5 80003	10.00 -0.38 -0.18	9.37 -0.33 -0.15	9.09 -0.36 -0.15	9.19 -0.35 -0.13	9.13 -0.35 -0.15	9.80 -0.34 -0.16	15.60 -0.56 -0.15	17.14 -0.62 -0.16	14.31 -0.75 1.98	13.79 -0.82 2.50	8.86 -0.82 4.38	7.04 -0.67 3.67	5.19 -0.54 3.34	5.12 -0.53 3.22	4.77 -0.51 3.42	4.70 -0.48 3.17	4.62 -0.41 2.58	5.26 -0.46 2.98	6.12 -0.53 3.89	7.79 -0.61 5.71	8.50 -0.60 6.02	6.58 -0.52 4.89	4.77 -0.37 3.11	3.78 -0.29 2.04
BROWNSV1_27_KV_LOAD 356125	16.72 0.97 -5.54	15.15 0.87 -4.72	14.86 0.87 -4.69	14.28 0.84 -4.03	14.77 0.84 -4.61	15.87 0.89 -5.01	22.14 1.43 -4.71	24.31 1.60 -5.12	21.90 1.74 -3.13	18.91 1.78 -0.02	17.70 1.48 -2.16	18.12 1.23 -5.51	18.44 0.97 -8.40	19.34 0.96 -9.51	19.22 0.95 -9.57	21.12 0.94 -11.83	27.59 0.85 -19.12	33.44 0.94 -23.80	36.71 1.09 -25.08	35.05 1.41 -19.53	33.75 1.44 -17.19	28.98 1.15 -15.84	21.10 0.77 -12.09	18.07 0.60 -11.37
BURROWS__LYONSDAL 23803	10.44 0.01 -0.22	9.76 0.02 -0.19	9.51 0.01 -0.19	9.58 0.01 -0.16	9.53 0.02 -0.19	10.21 0.03 -0.20	16.30 0.10 -0.19	17.87 0.07 -0.21	16.73 0.02 0.32	16.50 -0.07 0.54	13.00 -0.18 0.88	10.58 -0.19 0.61	8.44 -0.17 0.46	8.29 -0.18 0.41	8.11 -0.17 0.41	7.92 -0.16 0.28	7.58 -0.11 -0.07	8.72 -0.12 -0.14	10.42 -0.11 0.02	13.50 -0.03 0.58	14.44 0.03 0.71	11.42 -0.05 0.52	7.94 -0.05 0.26	6.02 -0.04 0.05
CAITHNESS_CC_1 323624	20.62 1.10 -9.31	15.25 0.98 -4.72	17.08 0.99 -6.78	14.43 0.99 -4.03	14.87 0.93 -4.61	19.43 1.04 -8.41	25.32 1.68 -7.63	25.50 1.85 -6.06	25.25 1.92 -6.29	19.03 1.92 0.00	24.04 1.53 -8.45	23.20 1.27 -10.54	24.29 1.01 -14.21	25.08 0.99 -15.22	26.10 0.98 -16.42	26.56 0.95 -17.25	27.62 0.88 -19.12	33.48 0.97 -23.81	36.82 1.19 -25.09	39.16 1.57 -23.49	43.87 1.66 -27.08	31.93 1.26 -18.68	26.68 0.87 -17.56	24.35 0.67 -17.57
CALPINE BETH_PAGE_GT4 24209	20.60 1.08 -9.31	15.25 0.97 -4.72	17.07 0.98 -6.78	14.38 0.94 -4.03	14.87 0.93 -4.61	19.41 1.02 -8.41	25.24 1.60 -7.63	25.41 1.76 -6.06	25.19 1.86 -6.29	18.96 1.85 0.00	24.03 1.52 -8.45	23.19 1.26 -10.54	24.28 1.00 -14.21	25.08 0.98 -15.22	26.08 0.97 -16.42	26.56 0.95 -17.25	27.56 0.82 -19.12	33.41 0.91 -23.80	36.72 1.10 -25.08	39.03 1.44 -23.49	43.32 1.47 -26.73	31.85 1.17 -18.68	26.66 0.85 -17.56	24.32 0.65 -17.57
CALPINE_BETH_PAGE_GT_4 323586	20.60 1.08 -9.31	15.25 0.98 -4.72	17.07 0.98 -6.78	14.39 0.95 -4.03	14.87 0.93 -4.61	19.41 1.02 -8.41	25.24 1.60 -7.63	25.41 1.76 -6.06	25.19 1.86 -6.29	18.98 1.87 0.00	24.04 1.53 -8.45	23.20 1.27 -10.54	24.29 1.01 -14.21	25.07 0.98 -15.22	26.10 0.98 -16.42	26.56 0.95 -17.25	27.56 0.82 -19.12	33.41 0.90 -23.80	36.72 1.10 -25.08	39.03 1.44 -23.48	43.32 1.47 -26.73	31.84 1.18 -18.68	26.66 0.85 -17.56	24.32 0.65 -17.57
CALPINE_BP_GT1 23823	20.60 1.08 -9.31	15.25 0.98 -4.72	17.07 0.98 -6.78	14.39 0.95 -4.03	14.87 0.93 -4.61	19.41 1.02 -8.41	25.24 1.60 -7.63	25.41 1.76 -6.06	25.19 1.86 -6.29	18.98 1.87 0.00	24.04 1.53 -8.45	23.20 1.27 -10.54	24.29 1.01 -14.21	25.07 0.98 -15.22	26.10 0.98 -16.42	26.56 0.95 -17.25	27.56 0.82 -19.12	33.41 0.90 -23.80	36.72 1.10 -25.08	39.03 1.44 -23.48	43.32 1.47 -26.73	31.84 1.18 -18.68	26.66 0.85 -17.56	24.32 0.65 -17.57
CALSPAN__DRP 24200	11.24 0.07 -0.96	10.42 0.05 -0.82	10.25 0.13 -0.81	10.20 0.09 -0.70	10.21 0.08 -0.80	10.87 0.02 -0.87	16.76 -0.08 -0.83	18.12 -0.37 -0.89	17.23 -0.36 -0.55	16.92 -0.19 0.00	14.41 -0.03 -0.38	12.24 0.02 -0.83	10.34 -0.04 -1.30	10.34 0.03 -1.44	10.36 0.00 -1.66	10.36 -0.06 -2.06	10.75 -0.11 -3.25	12.63 -0.11 -4.04	14.60 -0.19 -4.25	17.08 -0.41 -3.38	17.64 -0.48 -3.00	14.52 -0.24 -2.77	10.26 -0.11 -2.11	8.07 -0.01 -1.99
CALVERTON__SOLAR 323806	20.62 1.10 -9.31	15.25 0.98 -4.72	17.09 1.00 -6.78	14.44 1.00 -4.03	14.87 0.93 -4.61	19.43 1.04 -8.41	25.33 1.70 -7.63	25.50 1.85 -6.06	25.25 1.92 -6.29	19.03 1.92 0.00	24.04 1.53 -8.45	23.20 1.27 -10.54	24.29 1.01 -14.21	25.08 0.99 -15.22	26.10 0.98 -16.42	26.57 0.96 -17.25	27.63 0.89 -19.12	33.51 1.00 -23.81	36.85 1.22 -25.09	39.18 1.59 -23.49	43.90 1.69 -27.08	31.95 1.28 -18.68	26.69 0.88 -17.56	24.35 0.67 -17.57
CANDIGU_WT_PWR 323617	11.66 0.22 -1.24	10.79 0.18 -1.05	10.59 0.23 -1.04	10.53 0.22 -0.90	10.57 0.21 -1.03	11.29 0.20 -1.12	17.24 0.14 -1.09	18.71 -0.05 -1.17	17.72 -0.03 -0.72	17.26 0.15 0.00	14.64 0.08 -0.50	12.57 0.09 -1.09	10.81 0.04 -1.70	10.82 0.05 -1.89	10.90 0.03 -2.17	11.06 -0.01 -2.71	11.84 -0.05 -4.27	13.97 -0.03 -5.31	16.07 -0.05 -5.58	18.36 -0.18 -4.44	18.84 -0.23 -3.94	15.49 -0.13 -3.63	10.95 -0.07 -2.77	8.70 -0.01 -2.60
CARR STREET_E__SYR 24060	10.72 -0.06 -0.58	9.98 -0.07 -0.49	9.75 -0.05 -0.49	9.79 -0.05 -0.42	9.76 -0.05 -0.48	10.45 -0.05 -0.52	16.45 -0.05 -0.49	18.02 -0.10 -0.53	17.26 -0.10 -0.32	17.03 -0.09 0.00	14.26 -0.03 -0.22	11.83 -0.05 -0.49	9.82 -0.03 -0.77	9.69 -0.04 -0.86	9.65 -0.03 -0.98	9.54 -0.04 -1.22	9.50 -0.05 -1.93	11.06 -0.04 -2.40	13.02 -0.04 -2.52	16.04 -0.07 -2.01	16.84 -0.06 -1.78	13.56 -0.07 -1.64	9.46 -0.04 -1.25	7.26 -0.02 -1.18
CARTHAGE__PAPER 23857	10.34 -0.17 -0.31	9.67 -0.14 -0.26	9.40 -0.17 -0.26	9.47 -0.17 -0.22	9.43 -0.15 -0.26	10.12 -0.14 -0.28	16.11 -0.16 -0.26	17.66 -0.21 -0.28	15.95 -0.36 0.73	15.53 -0.50 1.08	11.71 -0.55 1.81	9.53 -0.48 1.38	7.54 -0.40 1.13	7.43 -0.40 1.04	7.22 -0.40 1.08	7.11 -0.37 0.88	6.99 -0.29 0.34	8.07 -0.30 0.33	9.56 -0.31 0.67	12.19 -0.25 1.66	13.06 -0.18 1.89	10.29 -0.24 1.46	7.23 -0.18 0.84	5.56 -0.14 0.41

CASSADAGA_WT_PWR 323784	11.58 0.37 -1.01	10.73 0.31 -0.86	10.56 0.40 -0.85	10.53 0.39 -0.73	10.55 0.38 -0.84	11.21 0.32 -0.91	17.37 0.50 -0.86	18.84 0.32 -0.93	17.86 0.26 -0.57	17.68 0.56 0.00	14.82 0.36 -0.40	12.60 0.34 -0.87	10.65 0.22 -1.36	10.65 0.27 -1.51	10.64 0.21 -1.73	10.63 0.12 -2.16	11.06 0.05 -3.40	12.99 0.06 -4.23	15.03 0.04 -4.44	17.53 -0.11 -3.54	18.08 -0.18 -3.14	14.86 -0.02 -2.90	10.47 0.01 -2.21	8.22 0.04 -2.07
CE_DUNWOOD___DRP 24194	16.55 0.81 -5.54	15.00 0.74 -4.71	14.71 0.73 -4.68	14.14 0.71 -4.02	14.64 0.71 -4.60	15.74 0.76 -5.00	21.93 1.22 -4.70	24.06 1.35 -5.11	21.61 1.45 -3.12	18.58 1.47 0.00	17.45 1.22 -2.16	17.18 1.01 -4.78	17.34 0.81 -7.46	17.96 0.79 -8.29	18.96 0.79 -9.48	20.93 0.78 -11.80	27.42 0.71 -19.10	33.26 0.78 -23.77	36.51 0.92 -25.05	34.81 1.20 -19.51	33.50 1.21 -17.17	28.78 0.97 -15.82	20.97 0.65 -12.07	17.95 0.50 -11.35
CE_MILLWOOD___DRP 24193	16.51 0.79 -5.52	14.97 0.72 -4.70	14.68 0.71 -4.66	14.12 0.70 -4.01	14.60 0.69 -4.58	15.70 0.74 -4.98	21.88 1.18 -4.69	24.01 1.32 -5.10	21.57 1.41 -3.12	18.53 1.42 0.00	17.40 1.18 -2.15	17.14 0.99 -4.76	17.29 0.78 -7.44	17.90 0.76 -8.27	18.91 0.77 -9.45	20.89 0.76 -11.77	27.36 0.69 -19.05	33.18 0.77 -23.71	36.41 0.89 -24.98	34.72 1.16 -19.46	33.43 1.18 -17.12	28.72 0.95 -15.78	20.93 0.64 -12.04	17.90 0.48 -11.32
CE_NYC2_DRP 24202	16.70 0.94 -5.55	15.14 0.85 -4.73	14.84 0.84 -4.69	14.28 0.83 -4.04	14.77 0.83 -4.61	15.82 0.84 -5.01	22.00 1.28 -4.71	24.17 1.46 -5.12	21.75 1.58 -3.13	18.77 1.64 -0.02	17.59 1.36 -2.16	18.20 1.14 -5.67	18.58 0.90 -8.61	19.53 0.88 -9.78	19.17 0.88 -9.59	21.06 0.87 -11.83	27.54 0.80 -19.12	33.38 0.88 -23.80	36.63 1.01 -25.08	34.95 1.31 -19.54	33.62 1.32 -17.19	28.87 1.04 -15.84	21.03 0.69 -12.09	18.05 0.58 -11.37
CE_NYC_DRP 24195	16.66 0.91 -5.54	15.09 0.81 -4.72	14.80 0.81 -4.69	14.23 0.79 -4.03	14.73 0.79 -4.61	15.81 0.83 -5.01	22.03 1.31 -4.71	24.19 1.48 -5.12	21.77 1.60 -3.13	18.79 1.66 -0.02	17.59 1.36 -2.16	18.00 1.14 -5.47	18.34 0.91 -8.36	19.21 0.89 -9.45	19.14 0.88 -9.57	21.05 0.87 -11.83	27.52 0.78 -19.12	33.36 0.86 -23.80	36.62 1.00 -25.08	34.94 1.30 -19.53	33.61 1.30 -17.19	28.87 1.04 -15.84	21.05 0.71 -12.09	18.02 0.56 -11.37
CHAFFEE___LFGE 323603	11.24 0.04 -1.00	10.41 0.01 -0.85	10.25 0.09 -0.84	10.19 0.06 -0.72	10.21 0.06 -0.83	10.86 -0.02 -0.90	16.76 -0.11 -0.86	18.11 -0.40 -0.92	17.21 -0.39 -0.57	17.08 -0.03 0.00	14.34 -0.11 -0.39	12.21 -0.03 -0.86	10.33 -0.08 -1.34	10.35 -0.02 -1.49	10.36 -0.05 -1.71	10.39 -0.10 -2.14	10.84 -0.14 -3.36	12.73 -0.16 -4.18	14.71 -0.23 -4.40	17.14 -0.47 -3.50	17.70 -0.53 -3.11	14.56 -0.29 -2.86	10.29 -0.15 -2.18	8.11 -0.04 -2.05
CHATEAUG_35_KV_LOAD 355732	9.95 -0.26 0.00	9.33 -0.22 0.00	9.06 -0.25 0.00	9.18 -0.24 0.00	9.06 -0.27 0.00	9.68 -0.30 0.00	15.42 -0.59 0.00	16.96 -0.63 0.00	12.30 -0.89 3.85	11.41 -1.08 4.63	4.74 -1.10 8.23	-0.19 -0.89 10.69	-0.54 -0.70 8.92	-0.55 -0.67 8.75	-0.51 -0.64 8.56	-0.51 -0.62 8.25	-0.52 -0.56 7.59	-0.50 -0.62 8.58	-0.45 -0.74 10.26	-0.40 -0.97 13.53	-0.44 -1.06 14.50	-0.42 -0.84 11.57	-0.50 -0.59 8.16	-0.54 -0.45 6.19
CHATEAUG_WT_PWR 323614	9.96 -0.25 0.00	9.35 -0.20 0.00	9.08 -0.23 0.00	9.19 -0.23 0.00	9.07 -0.26 0.00	9.69 -0.29 0.00	15.44 -0.58 0.00	16.98 -0.62 0.00	12.24 -0.89 3.91	11.32 -1.08 4.71	4.61 -1.08 8.37	-0.11 -0.88 10.62	-0.53 -0.69 8.91	-0.53 -0.66 8.75	-0.53 -0.63 8.59	-0.53 -0.61 8.28	-0.53 -0.55 7.60	-0.53 -0.62 8.61	-0.53 -0.75 10.32	-0.53 -0.99 13.65	-0.53 -1.06 14.59	-0.53 -0.85 11.67	-0.53 -0.59 8.19	-0.53 -0.45 6.18
CHAT_HIGH_FALL_HYD 323578	9.95 -0.25 0.00	9.33 -0.22 0.00	9.06 -0.25 0.00	9.18 -0.23 0.00	9.06 -0.27 0.00	9.68 -0.30 0.00	15.42 -0.59 0.00	16.96 -0.63 0.00	12.31 -0.89 3.84	11.41 -1.08 4.62	4.75 -1.10 8.22	-0.17 -0.88 10.68	-0.54 -0.70 8.91	-0.54 -0.67 8.75	-0.50 -0.64 8.55	-0.50 -0.62 8.24	-0.52 -0.56 7.58	-0.49 -0.62 8.57	-0.44 -0.74 10.25	-0.39 -0.97 13.52	-0.43 -1.06 14.49	-0.42 -0.84 11.56	-0.49 -0.59 8.15	-0.53 -0.45 6.19
CHAUTAUQUA___LFGE 323629	11.40 0.22 -0.97	10.58 0.19 -0.83	10.41 0.28 -0.82	10.36 0.24 -0.71	10.38 0.24 -0.81	11.04 0.18 -0.88	17.06 0.21 -0.84	18.41 -0.09 -0.91	17.47 -0.12 -0.56	17.28 0.17 0.00	14.57 0.13 -0.38	12.39 0.16 -0.84	10.46 0.06 -1.32	10.47 0.13 -1.47	10.47 0.09 -1.68	10.48 0.03 -2.10	10.88 -0.05 -3.30	12.78 -0.03 -4.11	14.78 -0.08 -4.32	17.26 -0.28 -3.44	17.81 -0.36 -3.05	14.66 -0.14 -2.81	10.35 -0.05 -2.15	8.14 0.02 -2.02
CHERRYST_13_KV_LD 356241	16.68 0.93 -5.54	15.11 0.83 -4.72	14.82 0.83 -4.69	14.25 0.81 -4.03	14.75 0.81 -4.61	15.84 0.86 -5.01	22.08 1.36 -4.71	24.24 1.53 -5.12	21.82 1.65 -3.13	18.84 1.71 -0.02	17.64 1.42 -2.16	18.04 1.18 -5.47	18.36 0.93 -8.36	19.23 0.91 -9.45	19.18 0.91 -9.57	21.08 0.89 -11.83	27.55 0.82 -19.12	33.40 0.90 -23.80	36.65 1.03 -25.08	34.98 1.34 -19.53	33.65 1.35 -17.19	28.91 1.08 -15.84	21.06 0.73 -12.09	18.03 0.57 -11.37
CHESTROR_138KV_BK263 355645	16.06 0.70 -5.15	14.58 0.64 -4.39	14.29 0.63 -4.35	13.78 0.62 -3.74	14.23 0.62 -4.28	15.29 0.66 -4.65	21.44 1.06 -4.37	23.46 1.16 -4.71	21.12 1.21 -2.87	18.31 1.20 0.00	17.05 1.00 -1.99	16.59 0.83 -4.37	16.56 0.65 -6.84	17.10 0.64 -7.59	18.04 0.63 -8.72	19.84 0.63 -10.86	25.75 0.59 -17.55	31.21 0.66 -21.84	34.34 0.78 -23.01	33.10 1.04 -17.95	31.96 1.04 -15.80	27.41 0.86 -14.56	19.94 0.58 -11.11	16.97 0.43 -10.44
CH_MIDHUDSON___DRP 24192	16.54 0.73 -5.60	14.99 0.66 -4.77	14.70 0.65 -4.74	14.12 0.64 -4.07	14.63 0.64 -4.66	15.72 0.68 -5.06	21.87 1.10 -4.76	23.94 1.20 -5.15	21.46 1.28 -3.15	18.38 1.27 0.00	17.29 1.05 -2.18	17.03 0.87 -4.78	17.24 0.69 -7.48	17.85 0.67 -8.31	18.90 0.67 -9.54	20.91 0.67 -11.88	27.33 0.62 -19.10	33.15 0.69 -23.76	36.37 0.80 -25.02	34.78 1.07 -19.60	33.48 1.07 -17.29	28.81 0.89 -15.94	21.00 0.59 -12.16	17.97 0.44 -11.43
CH_MISC_IPPS 23765	16.52 0.80 -5.52	14.98 0.73 -4.70	14.69 0.72 -4.66	14.13 0.71 -4.01	14.61 0.70 -4.59	15.70 0.74 -4.98	21.91 1.22 -4.69	23.98 1.32 -5.06	21.51 1.38 -3.09	18.48 1.37 0.00	17.36 1.15 -2.14	17.04 0.94 -4.71	17.17 0.74 -7.36	17.77 0.73 -8.17	18.80 0.71 -9.39	20.76 0.71 -11.69	27.12 0.67 -18.83	32.89 0.76 -23.43	36.10 0.89 -24.68	34.59 1.18 -19.30	33.31 1.18 -17.01	28.65 0.98 -15.68	20.86 0.65 -11.96	17.82 0.48 -11.24
CH_RES_BVR_FALLS 23983	9.97 -0.23 0.00	9.34 -0.21 0.00	9.10 -0.20 0.00	9.20 -0.21 0.00	9.12 -0.21 0.00	9.75 -0.23 0.00	15.63 -0.38 0.00	17.17 -0.42 0.00	19.83 -0.44 -3.24	20.52 -0.48 -3.89	20.50 -0.48 -6.92	-3.99 -0.44 14.93	-4.93 -0.39 13.61	-4.80 -0.41 13.27	-5.62 -0.41 13.91	-5.33 -0.39 13.29	-4.70 -0.36 11.96	-5.62 -0.41 13.92	-7.23 -0.50 17.28	-9.83 -0.63 23.30	-9.85 -0.63 24.34	-8.44 -0.55 19.88	-5.23 -0.38 13.10	-3.37 -0.28 9.19

CH_RES_NIAGARA 23895	10.96 -0.14 -0.89	10.15 -0.16 -0.76	10.00 -0.06 -0.76	9.95 -0.11 -0.65	9.96 -0.11 -0.74	10.60 -0.19 -0.81	16.33 -0.45 -0.77	17.56 -0.86 -0.83	16.73 -0.82 -0.51	16.48 -0.63 0.00	14.02 -0.39 -0.35	11.92 -0.24 -0.77	10.03 -0.25 -1.21	10.04 -0.18 -1.34	10.03 -0.21 -1.54	10.03 -0.24 -1.92	10.36 -0.28 -3.02	12.16 -0.30 -3.76	14.06 -0.43 -3.95	16.50 -0.75 -3.14	17.04 -0.88 -2.79	14.06 -0.50 -2.57	9.94 -0.27 -1.96	7.83 -0.12 -1.84
CH_RES_SYRACUSE 23985	10.84 -0.01 -0.64	10.08 -0.02 -0.55	9.84 -0.01 -0.54	9.88 0.00 -0.47	9.86 0.00 -0.53	10.56 0.00 -0.58	16.60 0.05 -0.54	18.18 0.00 -0.59	17.38 -0.02 -0.36	17.11 0.00 0.00	14.34 0.03 -0.25	11.93 0.00 -0.54	9.93 0.01 -0.85	9.82 0.00 -0.95	9.78 -0.01 -1.09	9.68 -0.02 -1.34	9.70 -0.02 -2.11	11.30 -0.02 -2.62	13.29 0.00 -2.75	16.28 -0.01 -2.19	17.08 0.02 -1.94	13.76 -0.02 -1.79	9.63 -0.01 -1.38	7.40 0.00 -1.30
CLINTON_WT_PWR 323605	9.96 -0.25 0.00	9.35 -0.20 0.00	9.08 -0.23 0.00	9.19 -0.23 0.00	9.07 -0.26 0.00	9.69 -0.29 0.00	15.44 -0.58 0.00	16.98 -0.62 0.00	12.24 -0.89 3.91	11.32 -1.08 4.71	4.61 -1.08 8.37	-0.11 -0.88 10.62	-0.53 -0.69 8.91	-0.53 -0.66 8.75	-0.53 -0.63 8.59	-0.53 -0.61 8.28	-0.53 -0.55 7.60	-0.53 -0.62 8.61	-0.53 -0.75 10.32	-0.53 -0.99 13.65	-0.53 -1.06 14.59	-0.53 -0.85 11.67	-0.53 -0.59 8.19	-0.53 -0.45 6.18
CLINTON___LFGE 323618	10.04 -0.16 0.00	9.43 -0.12 0.00	9.14 -0.17 0.00	9.26 -0.15 0.00	9.15 -0.18 0.00	9.78 -0.20 0.00	15.58 -0.43 0.00	17.15 -0.44 0.00	12.39 -0.75 3.90	11.50 -0.92 4.69	4.76 -0.97 8.33	0.01 -0.74 10.64	-0.41 -0.57 8.91	-0.41 -0.53 8.75	-0.40 -0.51 8.58	-0.40 -0.49 8.27	-0.43 -0.45 7.59	-0.39 -0.49 8.60	-0.35 -0.59 10.30	-0.29 -0.78 13.61	-0.29 -0.85 14.57	-0.32 -0.67 11.64	-0.41 -0.48 8.18	-0.45 -0.37 6.18
COBBLENY_34_KV_TB1 80064	11.24 0.04 -1.00	10.41 0.01 -0.85	10.25 0.09 -0.84	10.19 0.06 -0.72	10.21 0.06 -0.83	10.86 -0.02 -0.90	16.75 -0.11 -0.86	18.11 -0.40 -0.92	17.21 -0.39 -0.57	16.87 -0.24 0.00	14.37 -0.08 -0.39	12.22 -0.02 -0.86	10.35 -0.06 -1.34	10.36 -0.01 -1.49	10.38 -0.03 -1.71	10.39 -0.10 -2.14	10.84 -0.14 -3.36	12.73 -0.16 -4.18	14.71 -0.23 -4.39	17.14 -0.47 -3.50	17.69 -0.53 -3.10	14.55 -0.29 -2.85	10.28 -0.15 -2.18	8.10 -0.04 -2.05
COFFEEN___115KV_TB3 355620	10.53 -0.03 -0.35	9.84 -0.01 -0.30	9.57 -0.04 -0.30	9.63 -0.04 -0.25	9.60 -0.02 -0.29	10.31 0.01 -0.32	16.42 0.11 -0.30	17.97 0.05 -0.32	16.39 -0.10 0.54	15.95 -0.27 0.89	12.28 -0.34 1.44	10.02 -0.32 1.05	7.99 -0.28 0.80	7.87 -0.29 0.71	7.68 -0.30 0.72	7.58 -0.27 0.51	7.48 -0.19 -0.05	8.64 -0.20 -0.14	10.28 -0.15 0.12	13.07 -0.01 1.02	14.00 0.12 1.24	11.02 -0.06 0.91	7.73 -0.05 0.47	5.93 -0.04 0.13
COLDSPRG_115KV_BK1 355956	11.65 0.40 -1.05	10.79 0.34 -0.90	10.63 0.43 -0.89	10.58 0.40 -0.76	10.60 0.40 -0.87	11.27 0.34 -0.95	17.50 0.59 -0.90	19.04 0.47 -0.97	18.04 0.41 -0.59	17.59 0.48 0.00	14.94 0.46 -0.41	12.68 0.40 -0.90	10.74 0.26 -1.41	10.75 0.31 -1.56	10.76 0.27 -1.80	10.76 0.17 -2.24	11.24 0.10 -3.52	13.22 0.13 -4.38	15.29 0.14 -4.61	17.81 0.04 -3.67	18.39 0.02 -3.25	15.11 0.12 -3.00	10.64 0.10 -2.29	8.37 0.12 -2.15
COLONIE_LFGE___ 323577	17.38 0.40 -6.78	15.70 0.37 -5.77	15.40 0.36 -5.73	14.70 0.37 -4.93	15.33 0.37 -5.63	16.50 0.40 -6.12	22.42 0.66 -5.76	24.51 0.69 -6.23	21.52 0.66 -3.82	17.76 0.65 0.00	17.25 0.55 -2.64	17.62 0.43 -5.80	18.49 0.34 -9.07	19.29 0.35 -10.08	20.60 0.33 -11.57	23.09 0.32 -14.41	30.03 0.28 -22.13	36.53 0.34 -27.49	39.80 0.42 -28.83	38.09 0.56 -23.42	36.71 0.62 -20.97	31.81 0.49 -19.33	23.34 0.35 -14.75	20.19 0.23 -13.86
COOPERNY_115KV_TB1 80082	14.41 0.47 -3.73	13.15 0.42 -3.18	12.88 0.42 -3.15	12.53 0.40 -2.71	12.84 0.41 -3.10	13.79 0.44 -3.37	19.89 0.70 -3.17	21.74 0.74 -3.41	19.91 0.78 -2.09	17.90 0.79 0.00	16.17 0.66 -1.44	15.09 0.54 -3.17	14.45 0.42 -4.96	14.79 0.41 -5.51	15.42 0.40 -6.33	16.64 0.40 -7.88	20.64 0.37 -12.65	24.85 0.41 -15.74	27.62 0.50 -16.58	27.76 0.66 -13.00	27.27 0.68 -11.46	23.10 0.54 -10.57	16.68 0.36 -8.06	13.95 0.27 -7.58
COPENHAGEN_WT_PWR 323753	10.48 -0.09 -0.36	9.80 -0.07 -0.31	9.52 -0.09 -0.31	9.59 -0.08 -0.26	9.56 -0.06 -0.30	10.26 -0.05 -0.33	16.30 -0.02 -0.31	17.85 -0.07 -0.33	16.33 -0.20 0.50	15.94 -0.33 0.85	12.32 -0.38 1.36	10.07 -0.34 0.97	8.06 -0.29 0.72	7.94 -0.30 0.63	7.76 -0.30 0.64	7.65 -0.28 0.43	7.55 -0.21 -0.14	8.72 -0.23 -0.25	10.35 -0.20 -0.01	13.10 -0.13 0.88	13.99 -0.03 1.10	11.05 -0.14 0.79	7.76 -0.10 0.39	5.95 -0.08 0.07
CORNELL___ 23752	11.73 0.28 -1.24	10.86 0.25 -1.06	10.61 0.25 -1.05	10.57 0.25 -0.90	10.62 0.26 -1.03	11.39 0.29 -1.12	17.61 0.54 -1.05	19.26 0.53 -1.14	18.19 0.46 -0.70	17.52 0.41 0.00	14.87 0.32 -0.48	12.67 0.23 -1.06	10.90 0.17 -1.66	10.86 0.15 -1.84	10.96 0.15 -2.11	11.13 0.14 -2.63	11.90 0.14 -4.14	14.05 0.19 -5.15	16.24 0.28 -5.42	18.82 0.41 -4.31	19.43 0.48 -3.83	15.84 0.32 -3.53	11.16 0.21 -2.69	8.80 0.16 -2.53
CORONA_AAV_69_KV_TB1 355595	20.57 1.05 -9.31	15.22 0.95 -4.72	17.04 0.95 -6.78	14.35 0.91 -4.03	14.84 0.90 -4.61	19.38 0.99 -8.41	25.22 1.59 -7.63	25.39 1.74 -6.06	25.17 1.84 -6.29	18.96 1.85 0.00	24.03 1.52 -8.45	23.19 1.26 -10.54	24.28 1.00 -14.21	25.08 0.98 -15.22	26.08 0.97 -16.42	26.56 0.95 -17.25	27.59 0.85 -19.12	33.42 0.91 -23.80	36.73 1.11 -25.08	39.04 1.45 -23.48	43.25 1.48 -26.65	31.89 1.22 -18.68	26.65 0.84 -17.56	24.32 0.65 -17.57
CORTLAND_115KV_TB3 80093	11.40 0.16 -1.03	10.57 0.14 -0.88	10.34 0.16 -0.87	10.32 0.16 -0.75	10.34 0.16 -0.85	11.09 0.18 -0.93	17.22 0.34 -0.87	18.83 0.30 -0.94	17.89 0.27 -0.58	17.37 0.26 0.00	14.69 0.22 -0.40	12.42 0.16 -0.88	10.56 0.12 -1.37	10.50 0.11 -1.52	10.54 0.10 -1.75	10.62 0.09 -2.18	11.13 0.08 -3.43	13.08 0.11 -4.26	15.19 0.17 -4.48	17.91 0.24 -3.57	18.58 0.29 -3.17	15.10 0.19 -2.92	10.60 0.12 -2.23	8.30 0.10 -2.09
COXSACKIE___GT 23611	16.98 0.48 -6.30	15.36 0.44 -5.36	15.06 0.43 -5.32	14.45 0.46 -4.58	15.01 0.45 -5.23	16.14 0.48 -5.69	22.22 0.86 -5.35	24.27 0.90 -5.79	21.36 0.78 -3.54	17.86 0.75 0.00	17.04 0.53 -2.45	17.16 0.39 -5.38	17.82 0.33 -8.42	18.56 0.34 -9.35	19.71 0.28 -10.74	22.01 0.28 -13.37	28.83 0.29 -20.92	35.10 0.38 -26.01	38.37 0.51 -27.32	36.70 0.73 -21.86	35.35 0.77 -19.46	30.58 0.66 -17.94	22.35 0.42 -13.68	19.24 0.27 -12.86
CPV_VALLEY___CC1 323721	16.12 0.71 -5.20	14.62 0.64 -4.43	14.34 0.63 -4.39	13.81 0.62 -3.78	14.27 0.63 -4.32	15.33 0.66 -4.69	21.50 1.07 -4.41	23.48 1.14 -4.74	21.16 1.23 -2.90	18.36 1.25 0.00	17.11 1.04 -2.00	16.66 0.86 -4.41	16.64 0.68 -6.89	17.18 0.66 -7.65	18.15 0.66 -8.79	19.95 0.64 -10.95	25.91 0.59 -17.69	31.39 0.66 -22.02	34.51 0.77 -23.20	33.22 1.02 -18.10	32.08 1.03 -15.93	27.51 0.84 -14.68	20.01 0.56 -11.20	17.05 0.42 -10.53

CPV_VALLEY__CC2 323722	16.12 0.71 -5.20	14.62 0.64 -4.43	14.34 0.63 -4.39	13.81 0.62 -3.78	14.27 0.63 -4.32	15.33 0.66 -4.69	21.50 1.07 -4.41	23.48 1.14 -4.74	21.16 1.23 -2.90	18.36 1.25 0.00	17.11 1.04 -2.00	16.66 0.86 -4.41	16.64 0.68 -6.89	17.18 0.66 -7.65	18.15 0.66 -8.79	19.95 0.64 -10.95	25.91 0.59 -17.69	31.39 0.66 -22.02	34.51 0.77 -23.20	33.22 1.02 -18.10	32.08 1.03 -15.93	27.51 0.84 -14.68	20.01 0.56 -11.20	17.05 0.42 -10.53
CRESCENT__HYD 24018	17.38 0.40 -6.78	15.70 0.37 -5.77	15.40 0.36 -5.73	14.70 0.37 -4.93	15.33 0.37 -5.63	16.50 0.40 -6.12	22.42 0.66 -5.76	24.51 0.69 -6.23	21.52 0.66 -3.82	17.76 0.65 0.00	17.25 0.55 -2.64	17.62 0.43 -5.80	18.49 0.34 -9.07	19.29 0.35 -10.08	20.60 0.33 -11.57	23.09 0.32 -14.41	30.03 0.28 -22.13	36.53 0.34 -27.49	39.80 0.42 -28.83	38.09 0.56 -23.42	36.71 0.62 -20.97	31.81 0.49 -19.33	23.34 0.35 -14.75	20.19 0.23 -13.86
CRICKET__VALLEY_CC1 323756	16.61 0.60 -5.80	15.05 0.55 -4.94	14.75 0.54 -4.90	14.16 0.54 -4.22	14.68 0.53 -4.82	15.79 0.57 -5.24	21.82 0.88 -4.93	23.86 0.93 -5.34	21.35 1.06 -3.26	18.17 1.06 0.00	17.22 0.90 -2.25	17.08 0.74 -4.95	17.40 0.58 -7.75	18.04 0.57 -8.60	19.14 0.57 -9.88	21.20 0.54 -12.30	20.45 0.49 -12.35	24.29 0.54 -15.05	26.18 0.63 -15.01	32.65 0.83 -17.72	33.87 0.85 -17.90	29.17 0.68 -16.50	21.33 0.49 -12.59	18.28 0.35 -11.83
CRICKET__VALLEY_CC2 323757	16.61 0.60 -5.80	15.05 0.55 -4.94	14.75 0.54 -4.90	14.16 0.54 -4.22	14.68 0.53 -4.82	15.79 0.57 -5.24	21.82 0.88 -4.93	23.86 0.93 -5.34	21.35 1.06 -3.26	18.17 1.06 0.00	17.22 0.90 -2.25	17.08 0.74 -4.95	17.40 0.58 -7.75	18.04 0.57 -8.60	19.14 0.57 -9.88	21.20 0.54 -12.30	20.45 0.49 -12.35	24.29 0.54 -15.05	26.18 0.63 -15.01	32.65 0.83 -17.72	33.87 0.85 -17.90	29.17 0.68 -16.50	21.33 0.49 -12.59	18.28 0.35 -11.83
CRICKET__VALLEY_CC3 323758	16.61 0.60 -5.80	15.05 0.55 -4.94	14.75 0.54 -4.90	14.16 0.54 -4.22	14.68 0.53 -4.82	15.79 0.57 -5.24	21.82 0.88 -4.93	23.86 0.93 -5.34	21.35 1.06 -3.26	18.17 1.06 0.00	17.22 0.90 -2.25	17.08 0.74 -4.95	17.40 0.58 -7.75	18.04 0.57 -8.60	19.14 0.57 -9.88	21.20 0.54 -12.30	20.45 0.49 -12.35	24.29 0.54 -15.05	26.18 0.63 -15.01	32.65 0.83 -17.72	33.87 0.85 -17.90	29.17 0.68 -16.50	21.33 0.49 -12.59	18.28 0.35 -11.83
CRUCIBLE_METL_DRP 24180	10.84 -0.01 -0.64	10.08 -0.02 -0.55	9.84 -0.01 -0.54	9.88 0.00 -0.47	9.86 0.00 -0.53	10.56 0.00 -0.58	16.60 0.05 -0.54	18.18 0.00 -0.59	17.38 -0.02 -0.36	17.11 0.00 0.00	14.34 0.03 -0.25	11.93 0.01 -0.54	9.92 0.01 -0.84	9.81 0.00 -0.93	9.76 -0.01 -1.07	9.68 -0.02 -1.34	9.73 -0.02 -2.13	11.34 -0.02 -2.65	13.33 0.00 -2.79	16.31 -0.01 -2.22	17.11 0.02 -1.97	13.78 -0.02 -1.82	9.63 -0.01 -1.38	7.40 0.00 -1.30
DAHOWA__HYDRO 323763	17.48 0.38 -6.90	15.80 0.36 -5.88	15.50 0.35 -5.83	14.78 0.36 -5.01	15.43 0.36 -5.73	16.62 0.41 -6.23	22.61 0.74 -5.86	24.69 0.76 -6.34	21.55 0.63 -3.88	17.69 0.58 0.00	17.24 0.49 -2.69	17.67 0.38 -5.91	18.60 0.29 -9.23	19.42 0.29 -10.26	20.76 0.29 -11.78	23.32 0.29 -14.67	30.52 0.27 -22.64	37.19 0.36 -28.13	40.50 0.44 -29.51	38.60 0.62 -23.87	37.22 0.76 -21.34	32.23 0.56 -19.67	23.63 0.37 -15.01	20.46 0.25 -14.11
DANC__LFGE 323619	10.52 -0.11 -0.43	9.82 -0.10 -0.36	9.56 -0.11 -0.36	9.62 -0.10 -0.31	9.59 -0.09 -0.35	10.27 -0.09 -0.38	16.29 -0.08 -0.36	17.84 -0.14 -0.39	16.58 -0.22 0.24	16.23 -0.31 0.57	12.90 -0.31 0.85	10.61 -0.27 0.50	8.59 -0.24 0.25	8.47 -0.24 0.16	8.33 -0.24 0.12	8.22 -0.23 -0.09	8.13 -0.18 -0.69	9.41 -0.21 -0.91	11.13 -0.20 -0.79	13.95 -0.18 -0.03	14.81 -0.12 0.19	11.78 -0.18 0.02	8.27 -0.11 -0.13	6.34 -0.08 -0.32
DANSKAMMER__1 23586	16.52 0.80 -5.52	14.98 0.73 -4.70	14.69 0.72 -4.66	14.13 0.71 -4.01	14.61 0.70 -4.59	15.70 0.74 -4.98	21.91 1.22 -4.69	23.98 1.32 -5.06	21.51 1.38 -3.09	18.48 1.37 0.00	17.36 1.15 -2.14	17.04 0.94 -4.71	17.17 0.74 -7.36	17.77 0.73 -8.17	18.80 0.71 -9.39	20.76 0.71 -11.69	27.12 0.67 -18.83	32.89 0.76 -23.43	36.10 0.89 -24.68	34.59 1.18 -19.30	33.31 1.18 -17.01	28.65 0.98 -15.68	20.86 0.65 -11.96	17.82 0.48 -11.24
DANSKAMMER__2 23589	16.52 0.80 -5.52	14.98 0.73 -4.70	14.69 0.72 -4.66	14.13 0.71 -4.01	14.61 0.70 -4.59	15.70 0.74 -4.98	21.91 1.22 -4.69	23.98 1.32 -5.06	21.51 1.38 -3.09	18.48 1.37 0.00	17.36 1.15 -2.14	17.04 0.94 -4.71	17.17 0.74 -7.36	17.77 0.73 -8.17	18.80 0.71 -9.39	20.76 0.71 -11.69	27.12 0.67 -18.83	32.89 0.76 -23.43	36.10 0.89 -24.68	34.59 1.18 -19.30	33.31 1.18 -17.01	28.65 0.98 -15.68	20.86 0.65 -11.96	17.82 0.48 -11.24
DANSKAMMER__3 23590	16.52 0.80 -5.52	14.98 0.73 -4.70	14.69 0.72 -4.66	14.13 0.71 -4.01	14.61 0.70 -4.59	15.70 0.74 -4.98	21.91 1.22 -4.69	23.98 1.32 -5.06	21.51 1.38 -3.09	18.48 1.37 0.00	17.36 1.15 -2.14	17.04 0.94 -4.71	17.17 0.74 -7.36	17.77 0.73 -8.17	18.80 0.71 -9.39	20.76 0.71 -11.69	27.12 0.67 -18.83	32.89 0.76 -23.43	36.10 0.89 -24.68	34.59 1.18 -19.30	33.31 1.18 -17.01	28.65 0.98 -15.68	20.86 0.65 -11.96	17.82 0.48 -11.24
DANSKAMMER__4 23591	16.52 0.80 -5.52	14.98 0.73 -4.70	14.69 0.72 -4.66	14.13 0.71 -4.01	14.61 0.70 -4.59	15.70 0.74 -4.98	21.91 1.22 -4.69	23.98 1.32 -5.06	21.51 1.38 -3.09	18.48 1.37 0.00	17.36 1.15 -2.14	17.04 0.94 -4.71	17.17 0.74 -7.36	17.77 0.73 -8.17	18.80 0.71 -9.39	20.76 0.71 -11.69	27.12 0.67 -18.83	32.89 0.76 -23.43	36.10 0.89 -24.68	34.59 1.18 -19.30	33.31 1.18 -17.01	28.65 0.98 -15.68	20.86 0.65 -11.96	17.82 0.48 -11.24
DANSKAMMER__DIESEL 23592	16.52 0.80 -5.52	14.98 0.73 -4.70	14.69 0.72 -4.66	14.12 0.70 -4.01	14.61 0.70 -4.59	15.70 0.74 -4.98	21.91 1.22 -4.69	23.98 1.32 -5.06	21.51 1.38 -3.09	18.46 1.35 0.00	17.33 1.12 -2.14	17.02 0.93 -4.71	17.16 0.73 -7.36	17.76 0.72 -8.17	18.79 0.70 -9.39	20.76 0.71 -11.69	27.12 0.67 -18.83	32.89 0.76 -23.43	36.11 0.89 -24.68	34.59 1.18 -19.30	33.31 1.18 -17.01	28.65 0.98 -15.68	20.86 0.65 -11.96	17.82 0.48 -11.24
DARBY__SOLAR 323810	17.49 0.40 -6.88	15.79 0.37 -5.86	15.50 0.37 -5.82	14.79 0.38 -5.00	15.42 0.37 -5.72	16.61 0.42 -6.22	22.59 0.74 -5.84	24.69 0.77 -6.33	21.59 0.68 -3.87	17.93 0.82 0.00	17.42 0.67 -2.68	17.80 0.52 -5.89	18.69 0.41 -9.21	19.52 0.42 -10.23	20.85 0.40 -11.75	23.31 0.32 -14.63	30.47 0.29 -22.56	37.11 0.37 -28.03	40.38 0.45 -29.38	38.52 0.63 -23.78	37.15 0.76 -21.27	32.16 0.56 -19.61	23.59 0.38 -14.96	20.41 0.25 -14.06
DASHVILLE__HYD 23610	16.47 0.72 -5.54	14.92 0.64 -4.72	14.63 0.63 -4.68	14.04 0.60 -4.03	14.54 0.61 -4.61	15.63 0.65 -5.00	21.79 1.07 -4.71	23.84 1.16 -5.08	21.42 1.28 -3.11	18.36 1.25 0.00	17.27 1.05 -2.15	17.00 0.89 -4.73	17.16 0.70 -7.39	17.76 0.68 -8.21	18.80 0.68 -9.43	20.79 0.69 -11.74	27.02 0.65 -18.76	32.75 0.70 -23.34	35.93 0.82 -24.57	34.53 1.09 -19.34	33.25 1.04 -17.09	28.61 0.88 -15.75	20.84 0.58 -12.02	17.83 0.44 -11.29

DEERFIELD_69_KV_DEERFIELD LD 355887	20.79 1.28 -9.31	15.42 1.15 -4.72	17.26 1.16 -6.78	14.58 1.14 -4.03	15.04 1.10 -4.61	19.61 1.22 -8.41	25.62 1.99 -7.63	25.85 2.20 -6.06	25.58 2.25 -6.29	19.32 2.21 0.00	24.28 1.77 -8.45	23.38 1.46 -10.54	24.45 1.16 -14.21	25.23 1.14 -15.22	26.24 1.12 -16.42	26.72 1.11 -17.25	27.78 1.04 -19.12	33.69 1.18 -23.81	37.07 1.44 -25.08	39.48 1.89 -23.49	44.22 2.01 -27.08	32.20 1.52 -18.69	26.84 1.03 -17.56	24.45 0.77 -17.57
DELAWARE___LFGE 323621	12.78 0.40 -2.18	11.78 0.37 -1.86	11.52 0.36 -1.84	11.35 0.36 -1.58	11.50 0.36 -1.81	12.34 0.39 -1.97	18.54 0.67 -1.85	20.28 0.69 -2.00	18.94 0.68 -1.22	17.80 0.68 0.00	15.47 0.56 -0.85	13.69 0.44 -1.86	12.32 0.34 -2.91	12.43 0.32 -3.23	12.72 0.31 -3.71	13.29 0.31 -4.63	15.19 0.29 -7.29	18.08 0.32 -9.06	20.46 0.40 -9.52	22.24 0.56 -7.58	22.47 0.62 -6.73	18.66 0.47 -6.20	13.30 0.32 -4.73	10.79 0.24 -4.45
DERFIELD_115KV_TB7 355931	10.24 0.03 0.00	9.58 0.03 0.00	9.35 0.04 0.00	9.44 0.03 0.00	9.36 0.03 0.00	10.01 0.03 0.00	16.06 0.05 0.00	17.64 0.05 0.00	17.25 0.05 -0.17	17.36 0.05 -0.20	14.46 0.04 -0.35	11.74 0.02 -0.33	9.39 0.02 -0.30	9.18 0.01 -0.29	9.01 0.01 -0.31	8.66 0.01 -0.29	7.89 0.01 -0.27	9.02 0.01 -0.31	10.95 0.02 -0.38	14.65 0.03 -0.52	15.71 0.05 -0.54	12.45 0.02 -0.44	8.56 0.02 -0.29	6.32 0.01 -0.20
DOGLEVILLE___HYD 23807	10.10 -0.10 0.00	9.47 -0.09 0.00	9.22 -0.09 0.00	9.33 -0.08 0.00	9.24 -0.08 0.00	9.88 -0.10 0.00	15.88 -0.13 0.00	17.43 -0.16 0.00	17.07 -0.14 -0.17	17.16 -0.15 -0.20	14.25 -0.17 -0.35	11.52 -0.19 -0.33	9.17 -0.20 -0.30	8.92 -0.25 -0.29	8.74 -0.27 -0.31	8.39 -0.26 -0.29	7.65 -0.24 -0.26	8.74 -0.27 -0.31	10.60 -0.33 -0.38	14.23 -0.39 -0.52	15.27 -0.39 -0.54	12.13 -0.30 -0.44	8.34 -0.20 -0.29	6.15 -0.15 -0.20
DUNKIRK___115KV_TB_200 55889	11.38 0.20 -0.97	10.55 0.17 -0.83	10.38 0.25 -0.82	10.34 0.23 -0.71	10.36 0.22 -0.81	11.02 0.16 -0.88	17.02 0.18 -0.83	18.36 -0.14 -0.91	17.44 -0.15 -0.55	17.11 0.00 0.00	14.57 0.13 -0.38	12.38 0.15 -0.84	10.45 0.06 -1.32	10.46 0.12 -1.46	10.46 0.09 -1.68	10.46 0.01 -2.09	10.85 -0.06 -3.29	12.75 -0.05 -4.10	14.74 -0.11 -4.30	17.22 -0.31 -3.43	17.79 -0.38 -3.04	14.64 -0.16 -2.80	10.33 -0.06 -2.14	8.13 0.02 -2.01
DUNKIRK___1 23563	11.38 0.20 -0.97	10.55 0.17 -0.83	10.38 0.25 -0.82	10.34 0.23 -0.71	10.36 0.22 -0.81	11.02 0.16 -0.88	17.02 0.18 -0.83	18.36 -0.14 -0.91	17.44 -0.15 -0.55	17.11 0.00 0.00	14.57 0.13 -0.38	12.38 0.15 -0.84	10.45 0.06 -1.32	10.46 0.12 -1.46	10.46 0.09 -1.68	10.46 0.01 -2.09	10.85 -0.06 -3.29	12.75 -0.05 -4.10	14.74 -0.11 -4.30	17.22 -0.31 -3.43	17.79 -0.38 -3.04	14.64 -0.16 -2.80	10.33 -0.06 -2.14	8.13 0.02 -2.01
DUNKIRK___2 23564	11.38 0.20 -0.97	10.55 0.17 -0.83	10.38 0.25 -0.82	10.34 0.23 -0.71	10.36 0.22 -0.81	11.02 0.16 -0.88	17.02 0.18 -0.83	18.36 -0.14 -0.91	17.44 -0.15 -0.55	17.11 0.00 0.00	14.57 0.13 -0.38	12.38 0.15 -0.84	10.45 0.06 -1.32	10.46 0.12 -1.46	10.46 0.09 -1.68	10.46 0.01 -2.09	10.85 -0.06 -3.29	12.75 -0.05 -4.10	14.74 -0.11 -4.30	17.22 -0.31 -3.43	17.79 -0.38 -3.04	14.64 -0.16 -2.80	10.33 -0.06 -2.14	8.13 0.02 -2.01
DUNKIRK___3 23565	11.32 0.15 -0.96	10.49 0.11 -0.82	10.33 0.20 -0.81	10.28 0.17 -0.70	10.30 0.17 -0.80	10.95 0.10 -0.87	16.92 0.08 -0.83	18.28 -0.21 -0.90	17.38 -0.20 -0.55	17.06 -0.05 0.00	14.53 0.08 -0.38	12.33 0.11 -0.83	10.41 0.04 -1.30	10.42 0.10 -1.45	10.42 0.06 -1.66	10.42 -0.01 -2.07	10.80 -0.08 -3.26	12.69 -0.07 -4.05	14.68 -0.13 -4.26	17.16 -0.34 -3.39	17.73 -0.41 -3.01	14.58 -0.18 -2.78	10.29 -0.07 -2.12	8.10 0.01 -1.99
DUNKIRK___4 23566	11.32 0.15 -0.96	10.49 0.11 -0.82	10.33 0.20 -0.81	10.28 0.17 -0.70	10.30 0.17 -0.80	10.95 0.10 -0.87	16.92 0.08 -0.83	18.28 -0.21 -0.90	17.38 -0.20 -0.55	17.06 -0.05 0.00	14.53 0.08 -0.38	12.33 0.11 -0.83	10.41 0.04 -1.30	10.42 0.10 -1.45	10.42 0.06 -1.66	10.42 -0.01 -2.07	10.80 -0.08 -3.26	12.69 -0.07 -4.05	14.68 -0.13 -4.26	17.16 -0.34 -3.39	17.73 -0.41 -3.01	14.58 -0.18 -2.78	10.29 -0.07 -2.12	8.10 0.01 -1.99
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	16.58 0.83 -5.54	15.03 0.75 -4.72	14.74 0.74 -4.69	14.17 0.72 -4.03	14.66 0.73 -4.61	15.76 0.78 -5.01	21.97 1.25 -4.71	24.10 1.39 -5.12	21.66 1.50 -3.13	18.63 1.52 0.00	17.49 1.27 -2.16	17.18 1.06 -4.74	17.32 0.83 -7.41	17.93 0.83 -8.23	19.00 0.82 -9.48	20.98 0.81 -11.81	27.47 0.73 -19.12	33.31 0.81 -23.80	36.56 0.94 -25.08	34.87 1.23 -19.54	33.55 1.24 -17.19	28.83 0.99 -15.84	21.01 0.67 -12.09	17.97 0.51 -11.36
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	16.35 0.77 -5.38	14.83 0.69 -4.58	14.54 0.68 -4.55	13.99 0.67 -3.91	14.46 0.66 -4.47	15.55 0.71 -4.86	21.73 1.15 -4.57	23.75 1.23 -4.93	21.36 1.31 -3.01	18.41 1.30 0.00	17.23 1.08 -2.08	16.86 0.90 -4.58	16.94 0.71 -7.16	17.51 0.69 -7.95	18.51 0.68 -9.13	20.41 0.69 -11.37	26.59 0.63 -18.34	32.23 0.71 -22.82	35.42 0.84 -24.04	34.00 1.11 -18.78	32.79 1.12 -16.55	28.16 0.92 -15.25	20.50 0.61 -11.64	17.50 0.46 -10.94
E179THST_138_KV_TB4_REV_LBMP_J 345001	16.71 0.95 -5.55	15.16 0.88 -4.73	14.87 0.87 -4.69	14.30 0.85 -4.04	14.79 0.85 -4.61	15.79 0.81 -5.01	21.92 1.20 -4.71	24.08 1.37 -5.12	21.68 1.52 -3.13	18.69 1.57 -0.01	17.53 1.31 -2.16	17.26 1.08 -4.80	17.42 0.86 -7.49	18.03 0.84 -8.32	19.03 0.83 -9.50	21.01 0.84 -11.82	27.50 0.76 -19.12	33.35 0.84 -23.80	36.59 0.97 -25.08	34.89 1.26 -19.54	33.56 1.26 -17.19	28.83 0.99 -15.84	20.99 0.65 -12.09	18.04 0.57 -11.37
E179THST_13_KV_LOAD 356214	16.75 0.99 -5.55	15.19 0.91 -4.73	14.90 0.89 -4.69	14.33 0.88 -4.04	14.83 0.89 -4.61	15.83 0.85 -5.01	21.98 1.26 -4.71	24.15 1.44 -5.12	21.77 1.60 -3.13	18.78 1.66 -0.01	17.60 1.38 -2.16	17.32 1.14 -4.80	17.46 0.91 -7.49	18.08 0.89 -8.32	19.07 0.88 -9.50	21.05 0.88 -11.82	27.55 0.81 -19.12	33.40 0.90 -23.80	36.64 1.02 -25.08	34.97 1.33 -19.54	33.64 1.33 -17.19	28.89 1.05 -15.84	21.03 0.69 -12.09	18.07 0.60 -11.37
EAST HAMPTON___GT 23717	20.93 1.41 -9.31	15.55 1.27 -4.72	17.39 1.29 -6.78	14.73 1.29 -4.03	15.16 1.22 -4.61	19.75 1.36 -8.41	25.85 2.21 -7.63	26.10 2.44 -6.06	25.83 2.51 -6.29	19.57 2.46 0.00	24.49 1.98 -8.45	23.56 1.64 -10.54	24.58 1.30 -14.21	25.36 1.27 -15.22	26.36 1.24 -16.42	26.83 1.22 -17.25	27.89 1.15 -19.12	33.82 1.31 -23.81	37.23 1.60 -25.09	39.68 2.09 -23.49	44.43 2.22 -27.08	32.35 1.68 -18.68	26.95 1.14 -17.56	24.53 0.85 -17.57
EAST RIVER___6 23660	16.63 0.88 -5.54	15.07 0.79 -4.72	14.78 0.78 -4.69	14.20 0.76 -4.03	14.70 0.77 -4.61	15.79 0.81 -5.01	21.98 1.26 -4.71	24.15 1.44 -5.12	21.73 1.57 -3.13	18.79 1.66 -0.02	17.60 1.38 -2.16	18.02 1.16 -5.47	18.34 0.92 -8.36	19.21 0.89 -9.45	19.15 0.89 -9.57	21.05 0.86 -11.83	27.52 0.78 -19.12	33.36 0.86 -23.80	36.60 0.98 -25.07	34.92 1.28 -19.53	33.58 1.27 -17.18	28.85 1.02 -15.84	21.01 0.68 -12.09	18.00 0.54 -11.36

EAST RIVER___7 23524	16.63 0.88 -5.54	15.07 0.79 -4.72	14.78 0.78 -4.69	14.20 0.76 -4.03	14.70 0.77 -4.61	15.79 0.81 -5.01	21.98 1.26 -4.71	24.15 1.44 -5.12	21.73 1.57 -3.13	18.79 1.66 -0.02	17.60 1.38 -2.16	18.02 1.16 -5.47	18.34 0.92 -8.36	19.21 0.89 -9.45	19.15 0.89 -9.57	21.05 0.86 -11.83	27.52 0.78 -19.12	33.36 0.86 -23.80	36.60 0.98 -25.07	34.92 1.28 -19.53	33.58 1.27 -17.18	28.85 1.02 -15.84	21.01 0.68 -12.09	18.00 0.54 -11.36
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	16.55 0.81 -5.54	15.00 0.74 -4.71	14.71 0.73 -4.68	14.14 0.71 -4.02	14.64 0.71 -4.60	15.74 0.76 -5.00	21.93 1.22 -4.70	24.06 1.35 -5.11	21.61 1.45 -3.12	18.58 1.47 0.00	17.45 1.22 -2.16	17.18 1.01 -4.78	17.34 0.81 -7.46	17.96 0.79 -8.29	18.96 0.79 -9.48	20.93 0.78 -11.80	27.42 0.71 -19.10	33.26 0.78 -23.77	36.51 0.92 -25.05	34.81 1.20 -19.51	33.50 1.21 -17.17	28.78 0.97 -15.82	20.97 0.65 -12.07	17.95 0.50 -11.35
EAST_HAMPTON___DIESEL 23722	20.94 1.42 -9.31	15.55 1.27 -4.72	17.39 1.29 -6.78	14.73 1.29 -4.03	15.16 1.22 -4.61	19.75 1.36 -8.41	25.86 2.22 -7.63	26.11 2.46 -6.06	25.83 2.51 -6.29	19.57 2.46 0.00	24.49 1.98 -8.45	23.56 1.64 -10.54	24.58 1.30 -14.21	25.36 1.27 -15.22	26.36 1.24 -16.42	26.83 1.22 -17.25	27.89 1.15 -19.12	33.82 1.31 -23.81	37.23 1.60 -25.09	39.68 2.09 -23.49	44.43 2.22 -27.08	32.35 1.68 -18.68	26.95 1.14 -17.56	24.53 0.85 -17.57
EAST_PULASKI___ESR 323781	10.56 -0.13 -0.49	9.85 -0.12 -0.42	9.60 -0.12 -0.41	9.64 -0.12 -0.35	9.62 -0.11 -0.41	10.31 -0.11 -0.44	16.28 -0.14 -0.41	17.83 -0.21 -0.45	16.83 -0.24 -0.03	16.54 -0.27 0.29	13.50 -0.22 0.33	11.10 -0.20 0.08	9.10 -0.17 -0.20	8.98 -0.18 -0.28	8.89 -0.17 -0.37	8.78 -0.18 -0.59	8.70 -0.15 -1.24	10.09 -0.18 -1.57	11.91 -0.19 -1.56	14.82 -0.21 -0.93	15.65 -0.18 -0.70	12.52 -0.20 -0.73	8.76 -0.12 -0.63	6.71 -0.08 -0.69
EAST_RIVER___1 323558	16.66 0.91 -5.54	15.09 0.81 -4.72	14.80 0.81 -4.69	14.23 0.79 -4.03	14.73 0.79 -4.61	15.81 0.83 -5.01	22.03 1.31 -4.71	24.19 1.48 -5.12	21.77 1.60 -3.13	18.81 1.68 -0.02	17.62 1.39 -2.16	18.02 1.16 -5.47	18.34 0.92 -8.36	19.22 0.90 -9.45	19.16 0.90 -9.57	21.05 0.87 -11.83	27.52 0.78 -19.12	33.36 0.86 -23.80	36.62 1.00 -25.07	34.93 1.30 -19.53	33.61 1.30 -17.18	28.87 1.04 -15.84	21.05 0.71 -12.09	18.02 0.56 -11.36
EAST_RIVER___2 323559	16.63 0.88 -5.54	15.07 0.79 -4.72	14.78 0.78 -4.69	14.20 0.76 -4.03	14.70 0.77 -4.61	15.79 0.81 -5.01	21.98 1.26 -4.71	24.15 1.44 -5.12	21.73 1.57 -3.13	18.79 1.66 -0.02	17.60 1.38 -2.16	18.02 1.16 -5.47	18.34 0.92 -8.36	19.21 0.89 -9.45	19.15 0.89 -9.57	21.05 0.86 -11.83	27.52 0.78 -19.12	33.36 0.86 -23.80	36.60 0.98 -25.07	34.92 1.28 -19.53	33.58 1.27 -17.18	28.85 1.02 -15.84	21.01 0.68 -12.09	18.00 0.54 -11.36
EAST___DELAWARE_HYD 23607	15.60 0.67 -4.73	14.18 0.60 -4.03	13.89 0.59 -3.99	13.42 0.57 -3.43	13.82 0.57 -3.93	14.85 0.61 -4.27	21.06 1.04 -4.01	23.03 1.11 -4.33	20.84 1.16 -2.65	18.26 1.15 0.00	16.88 0.98 -1.83	16.21 0.80 -4.02	15.76 0.40 -6.29	16.24 0.38 -6.99	17.10 0.37 -8.03	18.74 0.38 -10.00	24.04 0.39 -16.03	29.09 0.43 -19.95	32.31 0.77 -21.00	31.63 1.04 -16.48	30.71 1.04 -14.54	26.26 0.86 -13.40	19.04 0.56 -10.23	16.13 0.42 -9.61
EIGHT_POINT___WT_PWR 323820	11.72 0.36 -1.16	10.85 0.31 -0.99	10.65 0.36 -0.98	10.60 0.35 -0.84	10.64 0.35 -0.97	11.38 0.35 -1.05	18.15 1.20 -0.93	19.81 1.21 -1.01	18.71 1.06 -0.62	18.17 1.06 0.00	15.30 0.82 -0.43	12.92 0.59 -0.94	11.01 0.47 -1.47	10.92 0.42 -1.63	10.96 0.39 -1.87	11.02 0.33 -2.33	11.58 0.29 -3.68	13.65 0.37 -4.57	15.90 0.55 -4.80	18.66 0.73 -3.82	19.35 0.83 -3.39	15.68 0.56 -3.13	11.01 0.37 -2.39	8.62 0.28 -2.24
ELBRIDGE_115KV_TB2 80188	10.86 -0.02 -0.67	10.10 -0.03 -0.57	9.87 -0.01 -0.57	9.89 -0.01 -0.49	9.88 -0.01 -0.56	10.58 -0.01 -0.61	16.61 0.03 -0.57	18.17 -0.04 -0.61	17.36 -0.05 -0.38	17.08 -0.03 0.00	14.34 0.01 -0.26	11.95 -0.01 -0.58	9.96 -0.01 -0.90	9.85 -0.02 -1.00	9.82 -0.03 -1.15	9.75 -0.03 -1.43	9.82 -0.04 -2.24	11.46 -0.03 -2.78	13.45 -0.02 -2.92	16.39 -0.04 -2.33	17.17 -0.02 -2.07	13.86 -0.04 -1.90	9.68 -0.02 -1.45	7.46 -0.01 -1.37
ELEC_TRO_TEK 24086	20.54 1.02 -9.31	15.20 0.92 -4.72	17.01 0.91 -6.78	14.33 0.88 -4.03	14.81 0.88 -4.61	19.35 0.96 -8.41	25.16 1.52 -7.63	25.32 1.67 -6.06	25.10 1.77 -6.29	18.89 1.78 0.00	23.99 1.48 -8.45	23.14 1.22 -10.54	24.26 0.97 -14.21	25.04 0.95 -15.22	26.05 0.94 -16.42	26.53 0.92 -17.25	27.56 0.82 -19.12	33.40 0.90 -23.80	36.70 1.08 -25.08	39.00 1.41 -23.48	43.21 1.44 -26.65	31.83 1.16 -18.68	26.62 0.81 -17.56	24.29 0.62 -17.57
ELLENBURG_WT_PWR 323604	9.96 -0.25 0.00	9.35 -0.20 0.00	9.08 -0.23 0.00	9.19 -0.23 0.00	9.07 -0.26 0.00	9.69 -0.29 0.00	15.44 -0.58 0.00	16.98 -0.62 0.00	12.24 -0.89 3.91	11.32 -1.08 4.71	4.61 -1.08 8.37	-0.11 -0.88 10.62	-0.53 -0.69 8.91	-0.53 -0.66 8.75	-0.53 -0.63 8.59	-0.53 -0.61 8.28	-0.53 -0.55 7.60	-0.53 -0.62 8.61	-0.53 -0.75 10.32	-0.53 -0.99 13.65	-0.53 -1.06 14.59	-0.53 -0.85 11.67	-0.53 -0.59 8.19	-0.53 -0.45 6.18
ELM_ST_23_KV_LD_REV_LBMP_A 345012	11.19 0.05 -0.94	10.37 0.02 -0.80	10.21 0.11 -0.79	10.17 0.08 -0.68	10.17 0.07 -0.78	10.83 0.00 -0.85	16.71 -0.11 -0.81	18.03 -0.44 -0.87	17.14 -0.43 -0.53	16.85 -0.26 0.00	14.36 -0.07 -0.37	12.20 0.00 -0.81	10.29 -0.05 -1.27	10.29 0.01 -1.41	10.29 -0.03 -1.62	10.29 -0.08 -2.02	10.66 -0.14 -3.18	12.51 -0.14 -3.95	14.47 -0.22 -4.15	16.94 -0.47 -3.30	17.51 -0.54 -2.93	14.42 -0.28 -2.70	10.19 -0.12 -2.06	8.02 -0.02 -1.94
EMPIRE_CC_1 323656	16.99 0.33 -6.46	15.36 0.31 -5.50	15.07 0.30 -5.46	14.42 0.31 -4.69	15.00 0.31 -5.37	16.13 0.32 -5.83	21.98 0.48 -5.49	24.02 0.49 -5.94	21.24 0.56 -3.64	17.68 0.56 0.00	17.04 0.46 -2.52	17.29 0.38 -5.53	18.02 0.30 -8.65	18.77 0.29 -9.61	20.02 0.29 -11.04	22.34 0.23 -13.75	28.72 0.20 -20.91	34.90 0.24 -25.97	38.04 0.28 -27.21	36.75 0.38 -22.27	35.53 0.41 -20.00	30.76 0.34 -18.44	22.59 0.27 -14.07	19.50 0.18 -13.22
EMPIRE_CC_2 323658	16.99 0.33 -6.46	15.36 0.31 -5.50	15.07 0.30 -5.46	14.42 0.31 -4.69	15.00 0.31 -5.37	16.13 0.32 -5.83	21.98 0.48 -5.49	24.02 0.49 -5.94	21.24 0.56 -3.64	17.68 0.56 0.00	17.04 0.46 -2.52	17.29 0.38 -5.53	18.02 0.30 -8.65	18.77 0.29 -9.61	20.02 0.29 -11.04	22.34 0.23 -13.75	28.72 0.20 -20.91	34.90 0.24 -25.97	38.04 0.28 -27.21	36.75 0.38 -22.27	35.53 0.41 -20.00	30.76 0.34 -18.44	22.59 0.27 -14.07	19.50 0.18 -13.22
ENORWICH_115KV_TB1 80156	12.53 0.68 -1.64	11.62 0.67 -1.40	11.33 0.63 -1.39	11.25 0.64 -1.20	11.36 0.66 -1.37	12.21 0.75 -1.49	18.77 1.36 -1.40	20.42 1.32 -1.51	19.10 1.14 -0.92	18.09 0.98 0.00	15.42 0.72 -0.64	13.28 0.49 -1.40	11.60 0.34 -2.20	11.59 0.28 -2.44	11.77 0.27 -2.80	12.11 0.27 -3.49	13.41 0.30 -5.49	15.92 0.39 -6.83	18.32 0.60 -7.18	20.85 1.03 -5.71	21.45 1.26 -5.07	17.45 0.79 -4.67	12.32 0.50 -3.57	9.83 0.38 -3.35

ERIE_ST__34_KV_TB1-2 80199	11.19 0.01 -0.97	10.36 -0.02 -0.83	10.19 0.06 -0.82	10.15 0.03 -0.71	10.16 0.02 -0.81	10.81 -0.05 -0.88	16.69 -0.16 -0.84	18.07 -0.42 -0.90	17.18 -0.41 -0.55	16.85 -0.26 0.00	14.36 -0.08 -0.38	12.20 -0.02 -0.84	10.31 -0.07 -1.32	10.33 0.00 -1.46	10.35 -0.03 -1.68	10.35 -0.09 -2.09	10.77 -0.14 -3.29	12.65 -0.14 -4.09	14.63 -0.21 -4.30	17.09 -0.44 -3.42	17.66 -0.50 -3.04	14.52 -0.26 -2.80	10.25 -0.14 -2.14	8.05 -0.05 -2.01
ERIE_WT_PWR 323693	11.25 0.08 -0.96	10.42 0.05 -0.82	10.25 0.13 -0.81	10.20 0.09 -0.70	10.22 0.09 -0.80	10.88 0.03 -0.87	16.77 -0.06 -0.83	18.13 -0.35 -0.89	17.24 -0.34 -0.55	17.06 -0.05 0.00	14.38 -0.06 -0.38	12.23 0.01 -0.83	10.33 -0.05 -1.30	10.34 0.03 -1.44	10.35 -0.01 -1.66	10.36 -0.06 -2.06	10.76 -0.11 -3.25	12.63 -0.11 -4.04	14.61 -0.18 -4.25	17.08 -0.41 -3.38	17.64 -0.48 -3.00	14.53 -0.23 -2.77	10.26 -0.10 -2.11	8.08 -0.01 -1.98
ESPRGFLD_115KV_TB1 80157	10.04 0.67 0.84	9.48 0.64 0.72	9.22 0.62 0.71	9.41 0.61 0.61	9.26 0.62 0.70	9.92 0.70 0.76	16.53 1.23 0.71	18.11 1.28 0.77	17.76 1.19 0.47	18.24 1.13 0.00	14.64 0.90 0.32	11.37 0.69 0.71	8.49 0.53 1.11	8.12 0.49 1.24	7.76 0.49 1.42	7.07 0.48 1.77	5.12 0.47 2.97	5.57 0.57 3.70	7.33 0.73 3.94	12.16 1.04 2.99	13.72 1.19 2.60	10.49 0.90 2.39	7.01 0.59 1.83	4.82 0.43 1.72
ETNA_115_KV_TB1_REV_LBMP_C 345029	11.70 0.26 -1.24	10.84 0.23 -1.06	10.59 0.23 -1.05	10.55 0.24 -0.90	10.60 0.24 -1.03	11.37 0.27 -1.12	17.56 0.50 -1.05	19.20 0.47 -1.14	18.16 0.43 -0.69	17.49 0.38 0.00	14.84 0.30 -0.48	12.65 0.20 -1.06	10.88 0.15 -1.65	10.84 0.13 -1.84	10.94 0.13 -2.11	11.11 0.13 -2.63	11.87 0.12 -4.13	14.01 0.17 -5.14	16.21 0.26 -5.40	18.77 0.37 -4.30	19.39 0.45 -3.82	15.80 0.30 -3.52	11.13 0.20 -2.68	8.78 0.15 -2.52
ETNA____115KV_TB2 80207	11.70 0.26 -1.24	10.84 0.23 -1.06	10.59 0.23 -1.05	10.55 0.24 -0.90	10.60 0.24 -1.03	11.37 0.27 -1.12	17.56 0.50 -1.05	19.20 0.47 -1.14	18.16 0.43 -0.69	17.49 0.38 0.00	14.84 0.30 -0.48	12.65 0.20 -1.06	10.88 0.15 -1.65	10.84 0.13 -1.84	10.94 0.13 -2.11	11.11 0.13 -2.63	11.87 0.12 -4.13	14.01 0.17 -5.14	16.21 0.26 -5.40	18.77 0.37 -4.30	19.39 0.45 -3.82	15.80 0.30 -3.52	11.13 0.20 -2.68	8.78 0.15 -2.52
EUCLID__115KV_TB2 356179	10.64 -0.11 -0.55	9.91 -0.11 -0.47	9.68 -0.09 -0.47	9.71 -0.10 -0.40	9.69 -0.09 -0.46	10.38 -0.10 -0.50	16.33 -0.14 -0.47	17.89 -0.21 -0.50	17.14 -0.20 -0.31	16.92 -0.19 0.00	14.16 -0.11 -0.21	11.75 -0.10 -0.47	9.72 -0.08 -0.73	9.61 -0.08 -0.81	9.54 -0.09 -0.93	9.43 -0.09 -1.16	9.36 -0.09 -1.84	10.89 -0.10 -2.28	12.84 -0.11 -2.40	15.86 -0.16 -1.91	16.67 -0.15 -1.70	13.42 -0.13 -1.56	9.35 -0.09 -1.19	7.17 -0.05 -1.12
E_CANADA_CAP_HY 24051	19.31 0.80 -8.30	17.38 0.75 -7.07	17.07 0.75 -7.02	16.19 0.74 -6.03	16.98 0.76 -6.90	18.31 0.84 -7.50	24.52 1.46 -7.05	26.75 1.53 -7.63	23.09 1.38 -4.67	18.40 1.28 0.00	18.32 1.03 -3.23	19.27 0.78 -7.10	20.78 0.61 -11.10	21.74 0.54 -12.33	23.40 0.54 -14.16	26.54 0.55 -17.63	35.68 0.54 -27.52	43.59 0.68 -34.21	47.35 0.87 -35.93	44.14 1.23 -28.81	42.20 1.42 -25.66	36.74 1.10 -23.65	27.01 0.72 -18.04	23.58 0.52 -16.96
E_CANADA_MHWK_HY 24050	10.10 -0.10 0.00	9.47 -0.09 0.00	9.22 -0.09 0.00	9.33 -0.08 0.00	9.24 -0.08 0.00	9.88 -0.10 0.00	15.88 -0.13 0.00	17.43 -0.16 0.00	17.07 -0.14 -0.17	17.16 -0.15 -0.20	14.25 -0.17 -0.35	11.52 -0.19 -0.33	9.17 -0.20 -0.30	8.92 -0.25 -0.29	8.74 -0.27 -0.31	8.39 -0.26 -0.29	7.65 -0.24 -0.26	8.74 -0.27 -0.31	10.60 -0.33 -0.38	14.23 -0.39 -0.52	15.27 -0.39 -0.54	12.13 -0.30 -0.44	8.34 -0.20 -0.29	6.15 -0.15 -0.20
E_FISHKILL__LBMP 23776	16.55 0.71 -5.63	15.00 0.65 -4.80	14.71 0.64 -4.76	14.14 0.63 -4.09	14.63 0.62 -4.68	15.73 0.67 -5.09	21.85 1.06 -4.78	23.93 1.16 -5.18	21.46 1.26 -3.16	18.38 1.27 0.00	17.30 1.05 -2.19	17.07 0.88 -4.81	17.28 0.69 -7.52	17.90 0.67 -8.35	18.96 0.67 -9.60	20.98 0.67 -11.95	27.57 0.60 -19.35	33.45 0.67 -24.08	36.70 0.78 -25.38	34.90 1.03 -19.77	33.55 1.04 -17.39	28.86 0.84 -16.03	21.05 0.57 -12.23	18.02 0.43 -11.49
FALCON__SEABRD_CC1 323796	10.05 -0.15 0.00	9.44 -0.11 0.00	9.15 -0.16 0.00	9.28 -0.13 0.00	9.16 -0.17 0.00	9.79 -0.19 0.00	15.58 -0.43 0.00	17.15 -0.44 0.00	12.40 -0.73 3.91	11.49 -0.92 4.70	4.74 -0.97 8.36	-0.01 -0.76 10.63	-0.45 -0.61 8.91	-0.45 -0.58 8.75	-0.45 -0.56 8.59	-0.45 -0.53 8.27	-0.47 -0.49 7.60	-0.45 -0.54 8.61	-0.43 -0.65 10.32	-0.39 -0.86 13.63	-0.40 -0.94 14.58	-0.41 -0.74 11.65	-0.45 -0.52 8.18	-0.48 -0.40 6.18
FALCON__SEABRD_CC2 323797	10.05 -0.15 0.00	9.44 -0.11 0.00	9.15 -0.16 0.00	9.28 -0.13 0.00	9.16 -0.17 0.00	9.79 -0.19 0.00	15.58 -0.43 0.00	17.15 -0.44 0.00	12.40 -0.73 3.91	11.49 -0.92 4.70	4.74 -0.97 8.36	-0.01 -0.76 10.63	-0.45 -0.61 8.91	-0.45 -0.58 8.75	-0.45 -0.56 8.59	-0.45 -0.53 8.27	-0.47 -0.49 7.60	-0.45 -0.54 8.61	-0.43 -0.65 10.32	-0.39 -0.86 13.63	-0.40 -0.94 14.58	-0.41 -0.74 11.65	-0.45 -0.52 8.18	-0.48 -0.40 6.18
FAR ROCKAWAY__4 23548	20.64 1.12 -9.31	15.29 1.01 -4.72	17.11 1.01 -6.78	14.41 0.97 -4.03	14.91 0.97 -4.61	19.45 1.06 -8.41	25.34 1.70 -7.63	25.53 1.88 -6.06	25.29 1.96 -6.29	19.08 1.97 0.00	24.14 1.63 -8.45	23.27 1.34 -10.54	24.35 1.06 -14.21	25.14 1.05 -15.22	26.15 1.03 -16.42	26.62 1.01 -17.25	27.66 0.91 -19.12	33.43 0.92 -23.80	36.74 1.12 -25.08	39.04 1.45 -23.48	43.27 1.50 -26.65	31.99 1.32 -18.68	26.72 0.91 -17.56	24.36 0.69 -17.57
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	16.66 0.91 -5.54	15.10 0.82 -4.72	14.80 0.81 -4.69	14.23 0.79 -4.03	14.73 0.79 -4.61	15.82 0.84 -5.01	22.05 1.33 -4.71	24.21 1.50 -5.12	21.78 1.62 -3.13	18.80 1.68 -0.02	17.60 1.38 -2.16	18.04 1.15 -5.51	18.38 0.91 -8.40	19.27 0.90 -9.51	19.15 0.89 -9.57	21.06 0.88 -11.83	27.53 0.79 -19.12	33.37 0.87 -23.80	36.62 1.00 -25.08	34.95 1.31 -19.53	33.62 1.32 -17.19	28.88 1.05 -15.84	21.05 0.72 -12.09	18.03 0.56 -11.37
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	16.67 0.92 -5.54	15.10 0.82 -4.72	14.81 0.82 -4.69	14.23 0.79 -4.03	14.74 0.80 -4.61	15.82 0.84 -5.01	22.05 1.33 -4.71	24.21 1.50 -5.12	21.78 1.62 -3.13	18.79 1.66 -0.02	17.60 1.38 -2.16	18.04 1.15 -5.51	18.38 0.91 -8.40	19.27 0.90 -9.51	19.15 0.89 -9.57	21.06 0.88 -11.83	27.53 0.79 -19.12	33.37 0.87 -23.80	36.62 1.00 -25.08	34.95 1.31 -19.53	33.62 1.32 -17.19	28.90 1.07 -15.84	21.05 0.72 -12.09	18.03 0.56 -11.37
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	16.66 0.91 -5.54	15.09 0.81 -4.72	14.80 0.81 -4.69	14.23 0.79 -4.03	14.73 0.79 -4.61	15.81 0.83 -5.01	22.05 1.33 -4.71	24.21 1.50 -5.12	21.78 1.62 -3.13	18.79 1.66 -0.02	17.60 1.38 -2.16	18.03 1.14 -5.51	18.38 0.91 -8.40	19.26 0.89 -9.51	19.15 0.88 -9.57	21.05 0.87 -11.83	27.52 0.78 -19.12	33.36 0.86 -23.80	36.62 1.00 -25.08	34.94 1.30 -19.53	33.61 1.30 -17.19	28.88 1.05 -15.84	21.05 0.71 -12.09	18.03 0.56 -11.37

FARRAGUT___LBMP 323566	16.65 0.90 -5.54	15.09 0.81 -4.72	14.80 0.80 -4.69	14.22 0.78 -4.03	14.72 0.78 -4.61	15.81 0.83 -5.01	22.03 1.31 -4.71	24.19 1.48 -5.12	21.77 1.60 -3.13	18.77 1.64 -0.02	17.59 1.36 -2.16	18.02 1.13 -5.51	18.37 0.90 -8.40	19.26 0.88 -9.51	19.15 0.88 -9.57	21.05 0.86 -11.83	27.52 0.78 -19.12	33.35 0.85 -23.80	36.61 0.99 -25.08	34.92 1.28 -19.53	33.61 1.30 -17.19	28.87 1.04 -15.84	21.04 0.70 -12.09	18.02 0.56 -11.37
FENNER___WINDPWR 24204	11.05 0.14 -0.70	10.29 0.13 -0.60	10.03 0.13 -0.59	10.05 0.13 -0.51	10.05 0.14 -0.58	10.77 0.16 -0.63	16.91 0.30 -0.60	18.52 0.28 -0.64	17.69 0.26 -0.39	17.33 0.22 0.00	14.49 0.15 -0.27	12.09 0.10 -0.60	10.08 0.07 -0.94	9.98 0.06 -1.04	9.95 0.06 -1.20	9.90 0.06 -1.49	10.03 0.07 -2.34	11.70 0.09 -2.91	13.74 0.14 -3.06	16.78 0.24 -2.44	17.60 0.32 -2.16	14.16 0.18 -1.99	9.89 0.12 -1.52	7.62 0.09 -1.43
FIBERTEK___ENERGY 23856	10.84 -0.01 -0.64	10.08 -0.02 -0.55	9.84 -0.01 -0.54	9.88 0.00 -0.47	9.86 0.00 -0.53	10.56 0.00 -0.58	16.60 0.05 -0.54	18.18 0.00 -0.59	17.38 -0.02 -0.36	17.11 0.00 0.00	14.34 0.03 -0.25	11.93 0.01 -0.54	9.92 0.01 -0.84	9.81 0.00 -0.93	9.76 -0.01 -1.07	9.68 -0.02 -1.34	9.73 -0.02 -2.13	11.34 -0.02 -2.65	13.33 0.00 -2.79	16.31 -0.01 -2.22	17.11 0.02 -1.97	13.78 -0.02 -1.82	9.63 -0.01 -1.38	7.40 0.00 -1.30
FITZPATRICK____ 23598	10.39 -0.27 -0.45	9.68 -0.26 -0.38	9.44 -0.24 -0.38	9.49 -0.24 -0.32	9.46 -0.24 -0.37	10.12 -0.26 -0.40	15.99 -0.40 -0.38	17.51 -0.49 -0.41	16.81 -0.48 -0.25	16.65 -0.46 0.00	13.88 -0.35 -0.17	11.47 -0.30 -0.38	9.42 -0.24 -0.59	9.29 -0.24 -0.66	9.22 -0.23 -0.76	9.07 -0.23 -0.94	8.88 -0.22 -1.49	10.31 -0.24 -1.85	12.19 -0.30 -1.94	15.26 -0.39 -1.55	16.09 -0.41 -1.37	12.92 -0.34 -1.27	8.99 -0.22 -0.97	6.85 -0.16 -0.91
FLOWRFLD_69_KV_BK1 356044	20.71 1.19 -9.31	15.34 1.06 -4.72	17.16 1.07 -6.78	14.49 1.04 -4.03	14.95 1.02 -4.61	19.52 1.13 -8.41	25.46 1.83 -7.63	25.64 1.99 -6.06	25.41 2.08 -6.29	19.16 2.05 0.00	24.17 1.66 -8.45	23.29 1.37 -10.54	24.37 1.09 -14.21	25.16 1.07 -15.22	26.17 1.06 -16.42	26.66 1.04 -17.25	27.69 0.95 -19.12	33.57 1.06 -23.81	36.92 1.30 -25.08	39.28 1.69 -23.49	43.87 1.77 -26.98	32.04 1.37 -18.68	26.77 0.96 -17.56	24.40 0.73 -17.57
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	16.56 0.82 -5.54	15.01 0.74 -4.72	14.71 0.73 -4.68	14.14 0.71 -4.02	14.64 0.71 -4.60	15.73 0.75 -5.00	21.95 1.23 -4.70	24.01 1.34 -5.08	21.54 1.40 -3.11	18.48 1.37 0.00	17.35 1.14 -2.15	17.05 0.94 -4.72	17.20 0.74 -7.38	17.80 0.73 -8.20	18.83 0.71 -9.42	20.80 0.72 -11.73	27.19 0.68 -18.90	32.98 0.77 -23.52	36.21 0.90 -24.77	34.67 1.20 -19.37	33.38 1.19 -17.07	28.71 0.99 -15.73	20.91 0.66 -12.00	17.87 0.49 -11.28
FORT ORANGE____ 23900	17.11 0.28 -6.63	15.46 0.27 -5.64	15.18 0.27 -5.60	14.52 0.29 -4.81	15.11 0.28 -5.50	16.25 0.29 -5.98	22.07 0.43 -5.63	24.12 0.44 -6.09	21.23 0.46 -3.73	17.61 0.50 0.00	17.03 0.39 -2.58	17.37 0.32 -5.67	18.19 0.25 -8.86	18.97 0.26 -9.84	20.23 0.23 -11.31	22.65 0.21 -14.08	29.61 0.19 -21.80	36.04 0.24 -27.10	39.28 0.29 -28.44	37.44 0.39 -22.94	36.05 0.44 -20.49	31.22 0.35 -18.88	22.90 0.24 -14.41	19.80 0.16 -13.54
FORT_DRUM_COGEN 23780	10.45 -0.09 -0.34	9.77 -0.07 -0.29	9.50 -0.09 -0.29	9.56 -0.09 -0.25	9.54 -0.07 -0.28	10.23 -0.05 -0.30	16.30 0.00 -0.29	17.83 -0.07 -0.31	16.24 -0.20 0.60	15.82 -0.34 0.95	12.10 -0.41 1.55	9.87 -0.36 1.15	7.86 -0.32 0.90	7.74 -0.32 0.81	7.55 -0.32 0.83	7.44 -0.29 0.62	7.33 -0.22 0.07	8.46 -0.24 0.00	10.04 -0.22 0.28	12.77 -0.13 1.21	13.66 -0.03 1.43	10.77 -0.14 1.07	7.56 -0.11 0.58	5.80 -0.09 0.21
FPL_FAR_ROCK_GT1 24212	20.64 1.12 -9.31	15.29 1.01 -4.72	17.11 1.01 -6.78	14.43 0.99 -4.03	14.91 0.97 -4.61	19.45 1.06 -8.41	25.33 1.70 -7.63	25.53 1.88 -6.06	25.29 1.96 -6.29	19.09 1.98 0.00	24.16 1.64 -8.45	23.28 1.35 -10.54	24.36 1.07 -14.21	25.14 1.05 -15.22	26.16 1.04 -16.42	26.62 1.01 -17.25	27.66 0.91 -19.12	33.43 0.92 -23.80	36.74 1.12 -25.08	39.04 1.45 -23.48	43.27 1.50 -26.65	31.99 1.32 -18.68	26.72 0.91 -17.56	24.36 0.69 -17.57
FPL_FAR_ROCK_GT2 23815	20.64 1.12 -9.31	15.29 1.01 -4.72	17.11 1.01 -6.78	14.43 0.99 -4.03	14.91 0.97 -4.61	19.45 1.06 -8.41	25.33 1.70 -7.63	25.53 1.88 -6.06	25.29 1.96 -6.29	19.09 1.98 0.00	24.16 1.64 -8.45	23.28 1.35 -10.54	24.36 1.07 -14.21	25.14 1.05 -15.22	26.16 1.04 -16.42	26.62 1.01 -17.25	27.66 0.91 -19.12	33.43 0.92 -23.80	36.74 1.12 -25.08	39.04 1.45 -23.48	43.27 1.50 -26.65	31.99 1.32 -18.68	26.72 0.91 -17.56	24.36 0.69 -17.57
FRANKLIN_FALL_HYD 24054	9.91 -0.30 0.00	9.31 -0.25 0.00	9.01 -0.30 0.00	9.14 -0.27 0.00	9.03 -0.30 0.00	9.67 -0.31 0.00	15.42 -0.59 0.00	16.98 -0.62 0.00	12.50 -0.87 3.66	11.71 -0.99 4.41	5.21 -1.01 7.84	5.19 -0.81 5.39	2.98 -0.64 5.45	3.00 -0.60 5.27	2.18 -0.59 5.93	2.17 -0.57 5.62	2.16 -0.51 4.95	2.23 -0.56 5.92	2.26 -0.67 7.61	2.76 -0.89 10.45	3.49 -0.95 10.68	2.33 -0.76 8.90	2.20 -0.54 5.51	2.11 -0.42 3.57
FREEPORT_EQUS_GT1 23764	20.60 1.08 -9.31	15.24 0.96 -4.72	17.07 0.98 -6.78	14.39 0.95 -4.03	14.86 0.92 -4.61	19.41 1.02 -8.41	25.25 1.62 -7.63	25.45 1.80 -6.06	25.20 1.87 -6.29	19.01 1.90 0.00	24.09 1.57 -8.45	23.22 1.30 -10.54	24.31 1.02 -14.21	25.09 1.00 -15.22	26.11 1.00 -16.42	26.58 0.97 -17.25	27.61 0.87 -19.12	33.46 0.96 -23.80	36.77 1.15 -25.08	39.10 1.51 -23.48	43.37 1.56 -26.69	31.90 1.23 -18.68	26.68 0.87 -17.56	24.33 0.66 -17.57
FREEPORT___CT2 23818	20.60 1.08 -9.31	15.24 0.96 -4.72	17.07 0.98 -6.78	14.39 0.95 -4.03	14.86 0.92 -4.61	19.41 1.02 -8.41	25.25 1.62 -7.63	25.45 1.80 -6.06	25.20 1.87 -6.29	19.01 1.90 0.00	24.09 1.57 -8.45	23.22 1.30 -10.54	24.31 1.02 -14.21	25.09 1.00 -15.22	26.11 1.00 -16.42	26.58 0.97 -17.25	27.61 0.87 -19.12	33.46 0.96 -23.80	36.77 1.15 -25.08	39.10 1.51 -23.48	43.37 1.56 -26.69	31.90 1.23 -18.68	26.68 0.87 -17.56	24.33 0.66 -17.57
FRESHKLS_33_KV_LOAD 356253	16.73 0.97 -5.55	15.14 0.86 -4.73	14.86 0.86 -4.69	14.29 0.84 -4.04	14.78 0.84 -4.61	15.78 0.80 -5.01	21.87 1.15 -4.71	24.03 1.32 -5.12	21.63 1.47 -3.13	18.66 1.54 -0.01	17.50 1.28 -2.16	17.96 1.07 -5.50	18.33 0.87 -8.39	19.22 0.85 -9.50	19.11 0.85 -9.56	21.02 0.84 -11.82	27.53 0.79 -19.12	33.39 0.89 -23.80	36.62 1.00 -25.08	34.95 1.31 -19.54	33.59 1.29 -17.19	28.84 1.01 -15.84	21.01 0.68 -12.09	18.08 0.61 -11.37
FULTON COGEN____ 23766	10.57 -0.17 -0.53	9.84 -0.17 -0.46	9.60 -0.16 -0.45	9.64 -0.16 -0.39	9.61 -0.16 -0.44	10.30 -0.16 -0.48	16.24 -0.22 -0.45	17.78 -0.30 -0.49	17.03 -0.31 -0.30	16.80 -0.31 0.00	14.04 -0.22 -0.21	11.65 -0.19 -0.45	9.63 -0.15 -0.71	9.50 -0.16 -0.79	9.44 -0.17 -0.91	9.32 -0.17 -1.13	9.25 -0.15 -1.78	10.75 -0.17 -2.22	12.68 -0.19 -2.33	15.70 -0.25 -1.85	16.51 -0.26 -1.65	13.28 -0.23 -1.52	9.26 -0.15 -1.16	7.09 -0.10 -1.09

FULTON___LFGE 323630	18.94 0.90 -7.83	17.09 0.87 -6.67	16.78 0.85 -6.62	15.96 0.86 -5.69	16.69 0.86 -6.51	18.02 0.97 -7.07	24.38 1.71 -6.65	26.56 1.78 -7.20	23.01 1.57 -4.40	18.46 1.35 0.00	18.21 1.10 -3.05	18.88 0.80 -6.70	20.17 0.63 -10.47	21.10 0.59 -11.63	22.65 0.59 -13.36	25.63 0.63 -16.64	34.14 0.61 -25.92	41.73 0.81 -32.22	45.41 1.04 -33.83	42.72 1.45 -27.16	41.03 1.71 -24.20	35.57 1.27 -22.31	26.08 0.81 -17.02	22.67 0.57 -16.00
G.F.CEMENT___DRP 24184	17.45 0.32 -6.93	15.76 0.31 -5.90	15.46 0.30 -5.86	14.76 0.31 -5.04	15.40 0.32 -5.76	16.60 0.36 -6.26	22.60 0.70 -5.89	24.70 0.74 -6.37	21.55 0.61 -3.90	18.02 0.91 0.00	17.50 0.75 -2.70	17.89 0.57 -5.93	18.78 0.44 -9.27	19.62 0.44 -10.30	20.96 0.43 -11.83	23.37 0.28 -14.73	30.63 0.25 -22.76	37.35 0.36 -28.29	40.62 0.43 -29.65	38.68 0.62 -23.96	37.30 0.77 -21.41	32.27 0.55 -19.73	23.65 0.35 -15.06	20.48 0.23 -14.15
GARDENVILLE___LBMP 24039	11.22 0.06 -0.95	10.41 0.04 -0.81	10.24 0.12 -0.81	10.19 0.08 -0.69	10.20 0.07 -0.79	10.85 0.01 -0.86	16.74 -0.10 -0.82	18.08 -0.40 -0.89	17.19 -0.39 -0.54	16.89 -0.22 0.00	14.38 -0.06 -0.38	12.22 0.01 -0.83	10.32 -0.05 -1.29	10.33 0.02 -1.44	10.33 -0.02 -1.65	10.34 -0.08 -2.05	10.72 -0.13 -3.23	12.59 -0.13 -4.02	14.56 -0.21 -4.23	17.03 -0.44 -3.36	17.58 -0.53 -2.99	14.48 -0.26 -2.75	10.23 -0.12 -2.10	8.05 -0.02 -1.97
GARDNVLA_35_KV_LD 355827	11.27 0.10 -0.96	10.44 0.07 -0.82	10.27 0.15 -0.81	10.22 0.11 -0.70	10.23 0.10 -0.80	10.89 0.04 -0.87	16.79 -0.05 -0.83	18.17 -0.32 -0.89	17.28 -0.31 -0.55	16.96 -0.15 0.00	14.45 0.01 -0.38	12.27 0.06 -0.83	10.37 0.00 -1.30	10.38 0.06 -1.45	10.38 0.03 -1.66	10.39 -0.03 -2.07	10.78 -0.09 -3.26	12.66 -0.09 -4.05	14.64 -0.16 -4.26	17.11 -0.38 -3.39	17.68 -0.45 -3.01	14.56 -0.20 -2.77	10.28 -0.08 -2.12	8.09 0.00 -1.99
GELCKHM___115KV_LOAD 80723	10.72 -0.07 -0.58	9.98 -0.08 -0.50	9.74 -0.07 -0.49	9.77 -0.07 -0.42	9.75 -0.07 -0.49	10.44 -0.07 -0.53	16.44 -0.06 -0.50	18.00 -0.12 -0.54	17.23 -0.14 -0.33	16.99 -0.12 0.00	14.23 -0.06 -0.23	11.82 -0.06 -0.49	9.80 -0.05 -0.77	9.68 -0.05 -0.86	9.63 -0.05 -0.99	9.53 -0.06 -1.23	9.50 -0.06 -1.95	11.06 -0.06 -2.42	13.03 -0.06 -2.55	16.03 -0.10 -2.03	16.83 -0.09 -1.80	13.55 -0.10 -1.66	9.46 -0.06 -1.27	7.25 -0.04 -1.19
GENERAL___MILLS 23808	11.24 0.07 -0.96	10.42 0.05 -0.82	10.25 0.13 -0.81	10.20 0.09 -0.70	10.21 0.08 -0.80	10.87 0.02 -0.87	16.76 -0.08 -0.83	18.12 -0.37 -0.89	17.23 -0.36 -0.55	16.92 -0.19 0.00	14.41 -0.03 -0.38	12.24 0.02 -0.83	10.34 -0.04 -1.30	10.34 0.03 -1.44	10.36 0.00 -1.66	10.36 -0.06 -2.06	10.75 -0.11 -3.25	12.63 -0.11 -4.04	14.60 -0.19 -4.25	17.08 -0.41 -3.38	17.64 -0.48 -3.00	14.52 -0.24 -2.77	10.26 -0.11 -2.11	8.07 -0.01 -1.99
GE_PLASTICS___DRP 24183	17.12 0.29 -6.63	15.48 0.28 -5.65	15.19 0.28 -5.60	14.52 0.29 -4.82	15.12 0.28 -5.51	16.26 0.29 -5.99	22.08 0.43 -5.63	24.14 0.46 -6.09	21.26 0.49 -3.73	17.61 0.50 0.00	17.06 0.42 -2.58	17.40 0.34 -5.67	18.21 0.26 -8.87	18.98 0.26 -9.85	20.26 0.24 -11.32	22.68 0.23 -14.09	29.72 0.21 -21.90	36.16 0.24 -27.22	39.44 0.30 -28.60	37.51 0.39 -23.01	36.07 0.42 -20.53	31.26 0.35 -18.92	22.92 0.24 -14.44	19.83 0.16 -13.57
GILBOA___1 23756	15.83 0.36 -5.26	14.37 0.33 -4.48	14.08 0.33 -4.45	13.57 0.33 -3.82	14.03 0.33 -4.37	15.08 0.35 -4.75	21.03 0.54 -4.47	23.01 0.58 -4.84	20.61 0.61 -2.96	17.74 0.63 0.00	16.64 0.53 -2.05	16.32 0.43 -4.50	16.44 0.34 -7.03	17.01 0.33 -7.81	17.99 0.32 -8.97	19.84 0.31 -11.17	25.50 0.28 -17.60	30.90 0.30 -21.89	33.91 0.36 -23.01	32.89 0.48 -18.31	31.91 0.53 -16.26	27.39 0.42 -14.99	19.97 0.29 -11.43	17.06 0.21 -10.75
GILBOA___2 23757	15.83 0.36 -5.26	14.37 0.33 -4.48	14.08 0.33 -4.45	13.57 0.33 -3.82	14.03 0.33 -4.37	15.08 0.35 -4.75	21.03 0.54 -4.47	23.01 0.58 -4.84	20.61 0.61 -2.96	17.74 0.63 0.00	16.64 0.53 -2.05	16.32 0.43 -4.50	16.44 0.34 -7.03	17.01 0.33 -7.81	17.99 0.32 -8.97	19.84 0.31 -11.17	25.50 0.28 -17.60	30.90 0.30 -21.89	33.91 0.36 -23.01	32.89 0.48 -18.31	31.91 0.53 -16.26	27.39 0.42 -14.99	19.97 0.29 -11.43	17.06 0.21 -10.75
GILBOA___3 23758	15.83 0.36 -5.26	14.37 0.33 -4.48	14.08 0.33 -4.45	13.57 0.33 -3.82	14.03 0.33 -4.37	15.08 0.35 -4.75	21.03 0.54 -4.47	23.01 0.58 -4.84	20.61 0.61 -2.96	17.74 0.63 0.00	16.64 0.53 -2.05	16.32 0.43 -4.50	16.44 0.34 -7.03	17.01 0.33 -7.81	17.99 0.32 -8.97	19.84 0.31 -11.17	25.50 0.28 -17.60	30.90 0.30 -21.89	33.91 0.36 -23.01	32.89 0.48 -18.31	31.91 0.53 -16.26	27.39 0.42 -14.99	19.97 0.29 -11.43	17.06 0.21 -10.75
GILBOA___4 23759	15.83 0.36 -5.26	14.37 0.33 -4.48	14.08 0.33 -4.45	13.57 0.33 -3.82	14.03 0.33 -4.37	15.08 0.35 -4.75	21.03 0.54 -4.47	23.01 0.58 -4.84	20.61 0.61 -2.96	17.74 0.63 0.00	16.64 0.53 -2.05	16.32 0.43 -4.50	16.44 0.34 -7.03	17.01 0.33 -7.81	17.99 0.32 -8.97	19.84 0.31 -11.17	25.50 0.28 -17.60	30.90 0.30 -21.89	33.91 0.36 -23.01	32.89 0.48 -18.31	31.91 0.53 -16.26	27.39 0.42 -14.99	19.97 0.29 -11.43	17.06 0.21 -10.75
GILBOA___ 23599	15.83 0.36 -5.26	14.37 0.33 -4.48	14.08 0.33 -4.45	13.57 0.33 -3.82	14.03 0.33 -4.37	15.08 0.35 -4.75	21.03 0.54 -4.47	23.01 0.58 -4.84	20.61 0.61 -2.96	17.73 0.62 0.00	16.63 0.52 -2.05	16.31 0.42 -4.50	16.44 0.34 -7.03	17.01 0.33 -7.81	17.99 0.32 -8.97	19.84 0.31 -11.17	25.50 0.28 -17.60	30.90 0.30 -21.89	33.91 0.36 -23.01	32.90 0.48 -18.31	31.91 0.53 -16.26	27.39 0.42 -14.99	19.97 0.29 -11.43	17.06 0.21 -10.75
GINNA___ 23603	10.50 -0.42 -0.72	9.77 -0.39 -0.61	9.56 -0.35 -0.61	9.57 -0.37 -0.52	9.57 -0.35 -0.60	10.23 -0.40 -0.65	15.96 -0.66 -0.60	17.40 -0.84 -0.65	16.62 -0.82 -0.40	16.32 -0.79 0.00	13.78 -0.56 -0.28	11.53 -0.47 -0.61	9.65 -0.37 -0.95	9.58 -0.35 -1.06	9.56 -0.35 -1.21	9.53 -0.34 -1.51	9.66 -0.34 -2.38	11.29 -0.37 -2.96	13.18 -0.47 -3.11	15.92 -0.66 -2.48	16.60 -0.73 -2.20	13.48 -0.54 -2.03	9.45 -0.35 -1.55	7.32 -0.24 -1.45
GLEN PARK___ 23778	10.50 -0.05 -0.35	9.82 -0.03 -0.30	9.55 -0.06 -0.30	9.61 -0.06 -0.25	9.59 -0.03 -0.29	10.28 -0.01 -0.32	16.39 0.08 -0.30	17.93 0.02 -0.32	16.34 -0.14 0.56	15.92 -0.29 0.90	12.23 -0.37 1.47	9.98 -0.33 1.07	7.96 -0.29 0.82	7.84 -0.30 0.73	7.65 -0.30 0.74	7.54 -0.28 0.54	7.44 -0.20 -0.02	8.60 -0.21 -0.11	10.22 -0.17 0.16	12.99 -0.04 1.07	13.91 0.08 1.29	10.95 -0.08 0.95	7.69 -0.07 0.50	5.90 -0.06 0.15
GLENDALE_27_KV_LOAD 356172	16.74 0.98 -5.55	15.16 0.88 -4.73	14.87 0.87 -4.69	14.30 0.85 -4.04	14.80 0.86 -4.61	15.85 0.87 -5.01	22.06 1.34 -4.71	24.24 1.53 -5.12	21.83 1.67 -3.13	18.86 1.73 -0.02	17.66 1.43 -2.16	18.24 1.18 -5.67	18.63 0.94 -8.61	19.57 0.92 -9.78	19.21 0.92 -9.59	21.10 0.91 -11.83	27.58 0.84 -19.12	33.43 0.93 -23.80	36.70 1.08 -25.08	35.04 1.40 -19.54	33.70 1.39 -17.19	28.93 1.10 -15.84	21.06 0.73 -12.09	18.07 0.60 -11.37

GLENWOOD_IC_1_G5 23712	20.51 0.99 -9.31	15.17 0.89 -4.72	16.98 0.88 -6.78	14.30 0.86 -4.03	14.79 0.86 -4.61	19.32 0.93 -8.41	25.13 1.49 -7.63	25.29 1.64 -6.06	25.07 1.74 -6.29	18.86 1.75 0.00	23.97 1.46 -8.45	23.14 1.22 -10.54	24.25 0.96 -14.21	25.04 0.95 -15.22	26.05 0.94 -16.42	26.54 0.93 -17.25	27.57 0.83 -19.12	33.43 0.92 -23.80	36.72 1.10 -25.08	39.03 1.44 -23.48	43.22 1.45 -26.65	31.83 1.16 -18.68	26.60 0.79 -17.56	24.28 0.60 -17.57
GLENWOOD_IC_2_G1 23688	20.44 0.92 -9.31	15.11 0.83 -4.72	16.92 0.83 -6.78	14.25 0.81 -4.03	14.74 0.80 -4.61	19.26 0.87 -8.41	25.02 1.38 -7.63	25.18 1.53 -6.06	24.96 1.64 -6.29	18.79 1.68 0.00	23.92 1.41 -8.45	23.08 1.16 -10.54	24.20 0.92 -14.21	24.99 0.90 -15.22	26.01 0.90 -16.42	26.48 0.87 -17.25	27.53 0.78 -19.12	33.37 0.86 -23.80	36.65 1.02 -25.08	38.93 1.34 -23.48	43.13 1.36 -26.65	31.76 1.09 -18.68	26.55 0.74 -17.56	24.24 0.57 -17.57
GLENWOOD_IC_3_G1 23689	20.44 0.92 -9.31	15.11 0.83 -4.72	16.92 0.83 -6.78	14.25 0.81 -4.03	14.74 0.80 -4.61	19.26 0.87 -8.41	25.02 1.38 -7.63	25.18 1.53 -6.06	24.96 1.64 -6.29	18.79 1.68 0.00	23.92 1.41 -8.45	23.08 1.16 -10.54	24.20 0.92 -14.21	24.99 0.90 -15.22	26.01 0.90 -16.42	26.48 0.87 -17.25	27.53 0.78 -19.12	33.37 0.86 -23.80	36.65 1.02 -25.08	38.93 1.34 -23.48	43.13 1.36 -26.65	31.76 1.09 -18.68	26.55 0.74 -17.56	24.24 0.57 -17.57
GLENWOOD___4 23550	20.51 0.99 -9.31	15.17 0.89 -4.72	16.98 0.88 -6.78	14.30 0.86 -4.03	14.79 0.86 -4.61	19.32 0.93 -8.41	25.13 1.49 -7.63	25.29 1.64 -6.06	25.07 1.74 -6.29	18.86 1.75 0.00	23.97 1.46 -8.45	23.14 1.22 -10.54	24.25 0.96 -14.21	25.04 0.95 -15.22	26.05 0.94 -16.42	26.54 0.93 -17.25	27.57 0.83 -19.12	33.43 0.92 -23.80	36.72 1.10 -25.08	39.03 1.44 -23.48	43.22 1.45 -26.65	31.83 1.16 -18.68	26.60 0.79 -17.56	24.28 0.60 -17.57
GLENWOOD___5 23614	20.51 0.99 -9.31	15.17 0.89 -4.72	16.98 0.88 -6.78	14.30 0.86 -4.03	14.79 0.86 -4.61	19.32 0.93 -8.41	25.13 1.49 -7.63	25.29 1.64 -6.06	25.07 1.74 -6.29	18.86 1.75 0.00	23.97 1.46 -8.45	23.14 1.22 -10.54	24.25 0.96 -14.21	25.04 0.95 -15.22	26.05 0.94 -16.42	26.54 0.93 -17.25	27.57 0.83 -19.12	33.43 0.92 -23.80	36.72 1.10 -25.08	39.03 1.44 -23.48	43.22 1.45 -26.65	31.83 1.16 -18.68	26.60 0.79 -17.56	24.28 0.60 -17.57
GLOBAL GREEN_PORT_GT1 23814	20.91 1.39 -9.31	15.53 1.25 -4.72	17.36 1.27 -6.78	14.70 1.26 -4.03	15.13 1.19 -4.61	19.73 1.34 -8.41	25.82 2.18 -7.63	26.06 2.41 -6.06	25.80 2.47 -6.29	19.54 2.43 0.00	24.48 1.97 -8.45	23.54 1.62 -10.54	24.57 1.28 -14.21	25.34 1.25 -15.22	26.35 1.23 -16.42	26.82 1.21 -17.25	27.89 1.15 -19.12	33.81 1.30 -23.81	37.22 1.59 -25.09	39.66 2.07 -23.49	44.41 2.21 -27.08	32.34 1.67 -18.68	26.94 1.13 -17.56	24.52 0.84 -17.57
GLOBE___DSASP 323697	10.92 -0.17 -0.89	10.13 -0.18 -0.76	9.98 -0.08 -0.75	9.93 -0.13 -0.65	9.94 -0.13 -0.74	10.57 -0.21 -0.81	16.30 -0.48 -0.77	17.52 -0.90 -0.83	16.69 -0.85 -0.51	16.44 -0.67 0.00	13.99 -0.42 -0.35	11.89 -0.26 -0.77	10.01 -0.27 -1.21	10.02 -0.20 -1.34	10.01 -0.23 -1.54	10.01 -0.26 -1.92	10.34 -0.30 -3.02	12.13 -0.32 -3.75	14.04 -0.45 -3.95	16.47 -0.78 -3.14	17.00 -0.91 -2.79	14.03 -0.53 -2.57	9.92 -0.29 -1.96	7.81 -0.13 -1.84
GOETHSLN___LBMP 323567	16.64 0.89 -5.54	15.07 0.79 -4.72	14.79 0.79 -4.69	14.21 0.77 -4.03	14.71 0.77 -4.61	15.80 0.82 -5.01	22.02 1.30 -4.71	24.17 1.46 -5.12	21.75 1.58 -3.13	18.77 1.64 -0.02	17.57 1.35 -2.16	18.02 1.13 -5.51	18.36 0.89 -8.40	19.26 0.88 -9.51	19.15 0.88 -9.57	21.05 0.86 -11.83	27.50 0.76 -19.12	33.33 0.83 -23.80	36.57 0.95 -25.08	34.88 1.24 -19.53	33.55 1.24 -17.19	28.84 1.01 -15.84	21.04 0.70 -12.09	18.02 0.55 -11.37
GOLAH___69_KV_TB 1_2 80279	11.04 0.09 -0.75	10.28 0.09 -0.64	10.08 0.14 -0.63	10.09 0.13 -0.54	10.08 0.13 -0.62	10.76 0.11 -0.67	16.83 0.19 -0.62	18.28 0.02 -0.67	17.45 0.00 -0.41	17.21 0.10 0.00	14.52 0.17 -0.29	12.09 0.08 -0.63	10.11 0.05 -0.98	10.05 0.09 -1.09	10.02 0.07 -1.25	9.95 0.03 -1.56	10.06 -0.02 -2.45	11.75 0.00 -3.05	13.73 -0.02 -3.21	16.60 -0.06 -2.55	17.31 -0.08 -2.27	14.10 0.02 -2.09	9.91 0.07 -1.59	7.68 0.09 -1.50
GOODYEAR_LAKE_HYD 323669	12.02 0.51 -1.30	11.14 0.48 -1.11	10.88 0.47 -1.10	10.81 0.45 -0.95	10.88 0.47 -1.08	11.66 0.51 -1.18	18.02 0.90 -1.11	19.72 0.93 -1.20	18.67 0.90 -0.73	17.98 0.87 0.00	15.27 0.70 -0.51	13.05 0.55 -1.11	11.23 0.42 -1.74	11.19 0.38 -1.94	11.30 0.38 -2.22	11.51 0.38 -2.77	12.35 0.37 -4.36	14.54 0.42 -5.42	16.76 0.53 -5.69	19.39 0.76 -4.53	20.00 0.86 -4.02	16.33 0.64 -3.71	11.50 0.42 -2.83	9.08 0.32 -2.66
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	12.14 0.20 -1.73	11.21 0.18 -1.47	10.97 0.20 -1.46	10.86 0.19 -1.26	10.96 0.20 -1.44	11.74 0.20 -1.56	17.80 0.32 -1.47	19.43 0.25 -1.59	18.26 0.26 -0.97	17.38 0.27 0.00	14.99 0.25 -0.67	13.06 0.19 -1.48	11.53 0.15 -2.31	11.58 0.14 -2.57	11.78 0.14 -2.95	12.14 0.12 -3.67	13.50 0.11 -5.78	16.02 0.13 -7.19	18.27 0.17 -7.55	20.31 0.20 -6.01	20.67 0.21 -5.34	17.08 0.17 -4.92	12.13 0.12 -3.75	9.74 0.11 -3.53
GOUDEY___7 23579	12.15 0.21 -1.73	11.21 0.18 -1.47	10.97 0.20 -1.46	10.87 0.20 -1.26	10.96 0.20 -1.44	11.75 0.21 -1.56	17.82 0.34 -1.47	19.44 0.26 -1.59	18.28 0.27 -0.97	17.40 0.29 0.00	15.00 0.27 -0.67	13.07 0.20 -1.48	11.54 0.15 -2.31	11.59 0.15 -2.57	11.79 0.15 -2.95	12.15 0.13 -3.67	13.51 0.11 -5.78	16.03 0.14 -7.19	18.28 0.18 -7.55	20.33 0.21 -6.01	20.69 0.23 -5.34	17.09 0.18 -4.92	12.14 0.13 -3.75	9.75 0.12 -3.53
GOUDEY___8 23580	12.14 0.20 -1.73	11.21 0.18 -1.47	10.97 0.20 -1.46	10.86 0.19 -1.26	10.96 0.20 -1.44	11.74 0.20 -1.56	17.80 0.32 -1.47	19.43 0.25 -1.59	18.26 0.26 -0.97	17.38 0.27 0.00	14.99 0.25 -0.67	13.06 0.19 -1.48	11.53 0.15 -2.31	11.58 0.14 -2.57	11.78 0.14 -2.95	12.14 0.12 -3.67	13.50 0.11 -5.78	16.02 0.13 -7.19	18.27 0.17 -7.55	20.31 0.20 -6.01	20.67 0.21 -5.34	17.08 0.17 -4.92	12.13 0.12 -3.75	9.74 0.11 -3.53
GOWANUS_GT1_1 24077	16.73 0.97 -5.55	15.15 0.87 -4.73	14.86 0.86 -4.69	14.29 0.84 -4.04	14.78 0.84 -4.61	15.81 0.83 -5.01	21.98 1.26 -4.71	24.17 1.46 -5.12	21.77 1.60 -3.13	18.83 1.69 -0.02	17.63 1.41 -2.16	18.23 1.17 -5.67	18.62 0.93 -8.61	19.56 0.91 -9.78	19.20 0.91 -9.59	21.08 0.89 -11.83	27.58 0.84 -19.12	33.42 0.92 -23.80	36.68 1.06 -25.08	35.02 1.38 -19.53	33.68 1.38 -17.19	28.91 1.08 -15.84	21.05 0.71 -12.09	18.07 0.60 -11.37
GOWANUS_GT1_2 24078	16.73 0.97 -5.55	15.15 0.87 -4.73	14.86 0.86 -4.69	14.29 0.84 -4.04	14.78 0.84 -4.61	15.81 0.83 -5.01	21.98 1.26 -4.71	24.17 1.46 -5.12	21.77 1.60 -3.13	18.83 1.69 -0.02	17.63 1.41 -2.16	18.23 1.17 -5.67	18.62 0.93 -8.61	19.56 0.91 -9.78	19.20 0.91 -9.59	21.08 0.89 -11.83	27.58 0.84 -19.12	33.42 0.92 -23.80	36.68 1.06 -25.08	35.02 1.38 -19.53	33.68 1.38 -17.19	28.91 1.08 -15.84	21.05 0.71 -12.09	18.07 0.60 -11.37

GOWANUS_GT1_3 24079	16.73 0.97 -5.55	15.15 0.87 -4.73	14.86 0.86 -4.69	14.29 0.84 -4.04	14.78 0.84 -4.61	15.81 0.83 -5.01	21.98 1.26 -4.71	24.17 1.46 -5.12	21.77 1.60 -3.13	18.83 1.69 -0.02	17.63 1.41 -2.16	18.23 1.17 -5.67	18.62 0.93 -8.61	19.56 0.91 -9.78	19.20 0.91 -9.59	21.08 0.89 -11.83	27.58 0.84 -19.12	33.42 0.92 -23.80	36.68 1.06 -25.08	35.02 1.38 -19.53	33.68 1.38 -17.19	28.91 1.08 -15.84	21.05 0.71 -12.09	18.07 0.60 -11.37
GOWANUS_GT1_4 24080	16.73 0.97 -5.55	15.15 0.87 -4.73	14.86 0.86 -4.69	14.29 0.84 -4.04	14.78 0.84 -4.61	15.81 0.83 -5.01	21.98 1.26 -4.71	24.17 1.46 -5.12	21.77 1.60 -3.13	18.83 1.69 -0.02	17.63 1.41 -2.16	18.23 1.17 -5.67	18.62 0.93 -8.61	19.56 0.91 -9.78	19.20 0.91 -9.59	21.08 0.89 -11.83	27.58 0.84 -19.12	33.42 0.92 -23.80	36.68 1.06 -25.08	35.02 1.38 -19.53	33.68 1.38 -17.19	28.91 1.08 -15.84	21.05 0.71 -12.09	18.07 0.60 -11.37
GOWANUS_GT1_5 24084	16.73 0.97 -5.55	15.15 0.87 -4.73	14.86 0.86 -4.69	14.29 0.84 -4.04	14.78 0.84 -4.61	15.81 0.83 -5.01	21.98 1.26 -4.71	24.17 1.46 -5.12	21.77 1.60 -3.13	18.83 1.69 -0.02	17.63 1.41 -2.16	18.23 1.17 -5.67	18.62 0.93 -8.61	19.56 0.91 -9.78	19.20 0.91 -9.59	21.08 0.89 -11.83	27.58 0.84 -19.12	33.42 0.92 -23.80	36.68 1.06 -25.08	35.02 1.38 -19.53	33.68 1.38 -17.19	28.91 1.08 -15.84	21.05 0.71 -12.09	18.07 0.60 -11.37
GOWANUS_GT1_6 24111	16.73 0.97 -5.55	15.15 0.87 -4.73	14.86 0.86 -4.69	14.29 0.84 -4.04	14.78 0.84 -4.61	15.81 0.83 -5.01	21.98 1.26 -4.71	24.17 1.46 -5.12	21.77 1.60 -3.13	18.83 1.69 -0.02	17.63 1.41 -2.16	18.23 1.17 -5.67	18.62 0.93 -8.61	19.56 0.91 -9.78	19.20 0.91 -9.59	21.08 0.89 -11.83	27.58 0.84 -19.12	33.42 0.92 -23.80	36.68 1.06 -25.08	35.02 1.38 -19.53	33.68 1.38 -17.19	28.91 1.08 -15.84	21.05 0.71 -12.09	18.07 0.60 -11.37
GOWANUS_GT1_7 24112	16.73 0.97 -5.55	15.15 0.87 -4.73	14.86 0.86 -4.69	14.29 0.84 -4.04	14.78 0.84 -4.61	15.81 0.83 -5.01	21.98 1.26 -4.71	24.17 1.46 -5.12	21.77 1.60 -3.13	18.83 1.69 -0.02	17.63 1.41 -2.16	18.23 1.17 -5.67	18.62 0.93 -8.61	19.56 0.91 -9.78	19.20 0.91 -9.59	21.08 0.89 -11.83	27.58 0.84 -19.12	33.42 0.92 -23.80	36.68 1.06 -25.08	35.02 1.38 -19.53	33.68 1.38 -17.19	28.91 1.08 -15.84	21.05 0.71 -12.09	18.07 0.60 -11.37
GOWANUS_GT1_8 24113	16.73 0.97 -5.55	15.15 0.87 -4.73	14.86 0.86 -4.69	14.29 0.84 -4.04	14.78 0.84 -4.61	15.81 0.83 -5.01	21.98 1.26 -4.71	24.17 1.46 -5.12	21.77 1.60 -3.13	18.83 1.69 -0.02	17.63 1.41 -2.16	18.23 1.17 -5.67	18.62 0.93 -8.61	19.56 0.91 -9.78	19.20 0.91 -9.59	21.08 0.89 -11.83	27.58 0.84 -19.12	33.42 0.92 -23.80	36.68 1.06 -25.08	35.02 1.38 -19.53	33.68 1.38 -17.19	28.91 1.08 -15.84	21.05 0.71 -12.09	18.07 0.60 -11.37
GOWANUS_GT2_1 24114	16.73 0.97 -5.55	15.15 0.87 -4.73	14.86 0.86 -4.69	14.29 0.84 -4.04	14.78 0.84 -4.61	15.81 0.83 -5.01	21.98 1.26 -4.71	24.17 1.46 -5.12	21.77 1.60 -3.13	18.83 1.69 -0.02	17.63 1.41 -2.16	18.23 1.17 -5.67	18.62 0.93 -8.61	19.56 0.91 -9.78	19.20 0.91 -9.59	21.08 0.89 -11.83	27.58 0.84 -19.12	33.42 0.92 -23.80	36.68 1.06 -25.08	35.02 1.38 -19.53	33.68 1.38 -17.19	28.91 1.08 -15.84	21.05 0.71 -12.09	18.07 0.60 -11.37
GOWANUS_GT2_2 24115	16.73 0.97 -5.55	15.15 0.87 -4.73	14.86 0.86 -4.69	14.29 0.84 -4.04	14.78 0.84 -4.61	15.81 0.83 -5.01	21.98 1.26 -4.71	24.17 1.46 -5.12	21.77 1.60 -3.13	18.83 1.69 -0.02	17.63 1.41 -2.16	18.23 1.17 -5.67	18.62 0.93 -8.61	19.56 0.91 -9.78	19.20 0.91 -9.59	21.08 0.89 -11.83	27.58 0.84 -19.12	33.42 0.92 -23.80	36.68 1.06 -25.08	35.02 1.38 -19.53	33.68 1.38 -17.19	28.91 1.08 -15.84	21.05 0.71 -12.09	18.07 0.60 -11.37
GOWANUS_GT2_3 24116	16.73 0.97 -5.55	15.15 0.87 -4.73	14.86 0.86 -4.69	14.29 0.84 -4.04	14.78 0.84 -4.61	15.81 0.83 -5.01	21.98 1.26 -4.71	24.17 1.46 -5.12	21.77 1.60 -3.13	18.83 1.69 -0.02	17.63 1.41 -2.16	18.23 1.17 -5.67	18.62 0.93 -8.61	19.56 0.91 -9.78	19.20 0.91 -9.59	21.08 0.89 -11.83	27.58 0.84 -19.12	33.42 0.92 -23.80	36.68 1.06 -25.08	35.02 1.38 -19.53	33.68 1.38 -17.19	28.91 1.08 -15.84	21.05 0.71 -12.09	18.07 0.60 -11.37
GOWANUS_GT2_4 24117	16.73 0.97 -5.55	15.15 0.87 -4.73	14.86 0.86 -4.69	14.29 0.84 -4.04	14.78 0.84 -4.61	15.81 0.83 -5.01	21.98 1.26 -4.71	24.17 1.46 -5.12	21.77 1.60 -3.13	18.83 1.69 -0.02	17.63 1.41 -2.16	18.23 1.17 -5.67	18.62 0.93 -8.61	19.56 0.91 -9.78	19.20 0.91 -9.59	21.08 0.89 -11.83	27.58 0.84 -19.12	33.42 0.92 -23.80	36.68 1.06 -25.08	35.02 1.38 -19.53	33.68 1.38 -17.19	28.91 1.08 -15.84	21.05 0.71 -12.09	18.07 0.60 -11.37
GOWANUS_GT2_5 24118	16.73 0.97 -5.55	15.15 0.87 -4.73	14.86 0.86 -4.69	14.29 0.84 -4.04	14.78 0.84 -4.61	15.81 0.83 -5.01	21.98 1.26 -4.71	24.17 1.46 -5.12	21.77 1.60 -3.13	18.83 1.69 -0.02	17.63 1.41 -2.16	18.23 1.17 -5.67	18.62 0.93 -8.61	19.56 0.91 -9.78	19.20 0.91 -9.59	21.08 0.89 -11.83	27.58 0.84 -19.12	33.42 0.92 -23.80	36.68 1.06 -25.08	35.02 1.38 -19.53	33.68 1.38 -17.19	28.91 1.08 -15.84	21.05 0.71 -12.09	18.07 0.60 -11.37
GOWANUS_GT2_6 24119	16.73 0.97 -5.55	15.15 0.87 -4.73	14.86 0.86 -4.69	14.29 0.84 -4.04	14.78 0.84 -4.61	15.81 0.83 -5.01	21.98 1.26 -4.71	24.17 1.46 -5.12	21.77 1.60 -3.13	18.83 1.69 -0.02	17.63 1.41 -2.16	18.23 1.17 -5.67	18.62 0.93 -8.61	19.56 0.91 -9.78	19.20 0.91 -9.59	21.08 0.89 -11.83	27.58 0.84 -19.12	33.42 0.92 -23.80	36.68 1.06 -25.08	35.02 1.38 -19.53	33.68 1.38 -17.19	28.91 1.08 -15.84	21.05 0.71 -12.09	18.07 0.60 -11.37
GOWANUS_GT2_7 24120	16.73 0.97 -5.55	15.15 0.87 -4.73	14.86 0.86 -4.69	14.29 0.84 -4.04	14.78 0.84 -4.61	15.81 0.83 -5.01	21.98 1.26 -4.71	24.17 1.46 -5.12	21.77 1.60 -3.13	18.83 1.69 -0.02	17.63 1.41 -2.16	18.23 1.17 -5.67	18.62 0.93 -8.61	19.56 0.91 -9.78	19.20 0.91 -9.59	21.08 0.89 -11.83	27.58 0.84 -19.12	33.42 0.92 -23.80	36.68 1.06 -25.08	35.02 1.38 -19.53	33.68 1.38 -17.19	28.91 1.08 -15.84	21.05 0.71 -12.09	18.07 0.60 -11.37
GOWANUS_GT2_8 24121	16.73 0.97 -5.55	15.15 0.87 -4.73	14.86 0.86 -4.69	14.29 0.84 -4.04	14.78 0.84 -4.61	15.81 0.83 -5.01	21.98 1.26 -4.71	24.17 1.46 -5.12	21.77 1.60 -3.13	18.83 1.69 -0.02	17.63 1.41 -2.16	18.23 1.17 -5.67	18.62 0.93 -8.61	19.56 0.91 -9.78	19.20 0.91 -9.59	21.08 0.89 -11.83	27.58 0.84 -19.12	33.42 0.92 -23.80	36.68 1.06 -25.08	35.02 1.38 -19.53	33.68 1.38 -17.19	28.91 1.08 -15.84	21.05 0.71 -12.09	18.07 0.60 -11.37
GOWANUS_GT3_1 24122	16.73 0.97 -5.55	15.15 0.87 -4.73	14.86 0.86 -4.69	14.29 0.84 -4.04	14.78 0.84 -4.61	15.81 0.83 -5.01	21.98 1.26 -4.71	24.17 1.46 -5.12	21.77 1.60 -3.13	18.83 1.69 -0.02	17.63 1.41 -2.16	18.23 1.17 -5.67	18.62 0.93 -8.61	19.56 0.91 -9.78	19.20 0.91 -9.59	21.08 0.89 -11.83	27.58 0.84 -19.12	33.42 0.92 -23.80	36.68 1.06 -25.08	35.02 1.38 -19.53	33.68 1.38 -17.19	28.91 1.08 -15.84	21.05 0.71 -12.09	18.07 0.60 -11.37

GOWANUS_GT3_2 24123	16.73 0.97 -5.55	15.15 0.87 -4.73	14.86 0.86 -4.69	14.29 0.84 -4.04	14.78 0.84 -4.61	15.81 0.83 -5.01	21.98 1.26 -4.71	24.17 1.46 -5.12	21.77 1.60 -3.13	18.83 1.69 -0.02	17.63 1.41 -2.16	18.23 1.17 -5.67	18.62 0.93 -8.61	19.56 0.91 -9.78	19.20 0.91 -9.59	21.08 0.89 -11.83	27.58 0.84 -19.12	33.42 0.92 -23.80	36.68 1.06 -25.08	35.02 1.38 -19.53	33.68 1.38 -17.19	28.91 1.08 -15.84	21.05 0.71 -12.09	18.07 0.60 -11.37
GOWANUS_GT3_3 24124	16.73 0.97 -5.55	15.15 0.87 -4.73	14.86 0.86 -4.69	14.29 0.84 -4.04	14.78 0.84 -4.61	15.81 0.83 -5.01	21.98 1.26 -4.71	24.17 1.46 -5.12	21.77 1.60 -3.13	18.83 1.69 -0.02	17.63 1.41 -2.16	18.23 1.17 -5.67	18.62 0.93 -8.61	19.56 0.91 -9.78	19.20 0.91 -9.59	21.08 0.89 -11.83	27.58 0.84 -19.12	33.42 0.92 -23.80	36.68 1.06 -25.08	35.02 1.38 -19.53	33.68 1.38 -17.19	28.91 1.08 -15.84	21.05 0.71 -12.09	18.07 0.60 -11.37
GOWANUS_GT3_4 24125	16.73 0.97 -5.55	15.15 0.87 -4.73	14.86 0.86 -4.69	14.29 0.84 -4.04	14.78 0.84 -4.61	15.81 0.83 -5.01	21.98 1.26 -4.71	24.17 1.46 -5.12	21.77 1.60 -3.13	18.83 1.69 -0.02	17.63 1.41 -2.16	18.23 1.17 -5.67	18.62 0.93 -8.61	19.56 0.91 -9.78	19.20 0.91 -9.59	21.08 0.89 -11.83	27.58 0.84 -19.12	33.42 0.92 -23.80	36.68 1.06 -25.08	35.02 1.38 -19.53	33.68 1.38 -17.19	28.91 1.08 -15.84	21.05 0.71 -12.09	18.07 0.60 -11.37
GOWANUS_GT3_5 24126	16.73 0.97 -5.55	15.15 0.87 -4.73	14.86 0.86 -4.69	14.29 0.84 -4.04	14.78 0.84 -4.61	15.81 0.83 -5.01	21.98 1.26 -4.71	24.17 1.46 -5.12	21.77 1.60 -3.13	18.83 1.69 -0.02	17.63 1.41 -2.16	18.23 1.17 -5.67	18.62 0.93 -8.61	19.56 0.91 -9.78	19.20 0.91 -9.59	21.08 0.89 -11.83	27.58 0.84 -19.12	33.42 0.92 -23.80	36.68 1.06 -25.08	35.02 1.38 -19.53	33.68 1.38 -17.19	28.91 1.08 -15.84	21.05 0.71 -12.09	18.07 0.60 -11.37
GOWANUS_GT3_6 24127	16.73 0.97 -5.55	15.15 0.87 -4.73	14.86 0.86 -4.69	14.29 0.84 -4.04	14.78 0.84 -4.61	15.81 0.83 -5.01	21.98 1.26 -4.71	24.17 1.46 -5.12	21.77 1.60 -3.13	18.83 1.69 -0.02	17.63 1.41 -2.16	18.23 1.17 -5.67	18.62 0.93 -8.61	19.56 0.91 -9.78	19.20 0.91 -9.59	21.08 0.89 -11.83	27.58 0.84 -19.12	33.42 0.92 -23.80	36.68 1.06 -25.08	35.02 1.38 -19.53	33.68 1.38 -17.19	28.91 1.08 -15.84	21.05 0.71 -12.09	18.07 0.60 -11.37
GOWANUS_GT3_7 24128	16.73 0.97 -5.55	15.15 0.87 -4.73	14.86 0.86 -4.69	14.29 0.84 -4.04	14.78 0.84 -4.61	15.81 0.83 -5.01	21.98 1.26 -4.71	24.17 1.46 -5.12	21.77 1.60 -3.13	18.83 1.69 -0.02	17.63 1.41 -2.16	18.23 1.17 -5.67	18.62 0.93 -8.61	19.56 0.91 -9.78	19.20 0.91 -9.59	21.08 0.89 -11.83	27.58 0.84 -19.12	33.42 0.92 -23.80	36.68 1.06 -25.08	35.02 1.38 -19.53	33.68 1.38 -17.19	28.91 1.08 -15.84	21.05 0.71 -12.09	18.07 0.60 -11.37
GOWANUS_GT3_8 24129	16.73 0.97 -5.55	15.15 0.87 -4.73	14.86 0.86 -4.69	14.29 0.84 -4.04	14.78 0.84 -4.61	15.81 0.83 -5.01	21.98 1.26 -4.71	24.17 1.46 -5.12	21.77 1.60 -3.13	18.83 1.69 -0.02	17.63 1.41 -2.16	18.23 1.17 -5.67	18.62 0.93 -8.61	19.56 0.91 -9.78	19.20 0.91 -9.59	21.08 0.89 -11.83	27.58 0.84 -19.12	33.42 0.92 -23.80	36.68 1.06 -25.08	35.02 1.38 -19.53	33.68 1.38 -17.19	28.91 1.08 -15.84	21.05 0.71 -12.09	18.07 0.60 -11.37
GOWANUS_GT4_1 24130	16.73 0.97 -5.55	15.15 0.87 -4.73	14.86 0.86 -4.69	14.29 0.84 -4.04	14.78 0.84 -4.61	15.81 0.83 -5.01	21.98 1.26 -4.71	24.17 1.46 -5.12	21.77 1.60 -3.13	18.83 1.69 -0.02	17.63 1.41 -2.16	18.23 1.17 -5.67	18.62 0.93 -8.61	19.56 0.91 -9.78	19.20 0.91 -9.59	21.08 0.89 -11.83	27.58 0.84 -19.12	33.42 0.92 -23.80	36.68 1.06 -25.08	35.02 1.38 -19.53	33.68 1.38 -17.19	28.91 1.08 -15.84	21.05 0.71 -12.09	18.07 0.60 -11.37
GOWANUS_GT4_2 24131	16.73 0.97 -5.55	15.15 0.87 -4.73	14.86 0.86 -4.69	14.29 0.84 -4.04	14.78 0.84 -4.61	15.81 0.83 -5.01	21.98 1.26 -4.71	24.17 1.46 -5.12	21.77 1.60 -3.13	18.83 1.69 -0.02	17.63 1.41 -2.16	18.23 1.17 -5.67	18.62 0.93 -8.61	19.56 0.91 -9.78	19.20 0.91 -9.59	21.08 0.89 -11.83	27.58 0.84 -19.12	33.42 0.92 -23.80	36.68 1.06 -25.08	35.02 1.38 -19.53	33.68 1.38 -17.19	28.91 1.08 -15.84	21.05 0.71 -12.09	18.07 0.60 -11.37
GOWANUS_GT4_3 24132	16.73 0.97 -5.55	15.15 0.87 -4.73	14.86 0.86 -4.69	14.29 0.84 -4.04	14.78 0.84 -4.61	15.81 0.83 -5.01	21.98 1.26 -4.71	24.17 1.46 -5.12	21.77 1.60 -3.13	18.83 1.69 -0.02	17.63 1.41 -2.16	18.23 1.17 -5.67	18.62 0.93 -8.61	19.56 0.91 -9.78	19.20 0.91 -9.59	21.08 0.89 -11.83	27.58 0.84 -19.12	33.42 0.92 -23.80	36.68 1.06 -25.08	35.02 1.38 -19.53	33.68 1.38 -17.19	28.91 1.08 -15.84	21.05 0.71 -12.09	18.07 0.60 -11.37
GOWANUS_GT4_4 24133	16.73 0.97 -5.55	15.15 0.87 -4.73	14.86 0.86 -4.69	14.29 0.84 -4.04	14.78 0.84 -4.61	15.81 0.83 -5.01	21.98 1.26 -4.71	24.17 1.46 -5.12	21.77 1.60 -3.13	18.83 1.69 -0.02	17.63 1.41 -2.16	18.23 1.17 -5.67	18.62 0.93 -8.61	19.56 0.91 -9.78	19.20 0.91 -9.59	21.08 0.89 -11.83	27.58 0.84 -19.12	33.42 0.92 -23.80	36.68 1.06 -25.08	35.02 1.38 -19.53	33.68 1.38 -17.19	28.91 1.08 -15.84	21.05 0.71 -12.09	18.07 0.60 -11.37
GOWANUS_GT4_5 24134	16.73 0.97 -5.55	15.15 0.87 -4.73	14.86 0.86 -4.69	14.29 0.84 -4.04	14.78 0.84 -4.61	15.81 0.83 -5.01	21.98 1.26 -4.71	24.17 1.46 -5.12	21.77 1.60 -3.13	18.83 1.69 -0.02	17.63 1.41 -2.16	18.23 1.17 -5.67	18.62 0.93 -8.61	19.56 0.91 -9.78	19.20 0.91 -9.59	21.08 0.89 -11.83	27.58 0.84 -19.12	33.42 0.92 -23.80	36.68 1.06 -25.08	35.02 1.38 -19.53	33.68 1.38 -17.19	28.91 1.08 -15.84	21.05 0.71 -12.09	18.07 0.60 -11.37
GOWANUS_GT4_6 24135	16.73 0.97 -5.55	15.15 0.87 -4.73	14.86 0.86 -4.69	14.29 0.84 -4.04	14.78 0.84 -4.61	15.81 0.83 -5.01	21.98 1.26 -4.71	24.17 1.46 -5.12	21.77 1.60 -3.13	18.83 1.69 -0.02	17.63 1.41 -2.16	18.23 1.17 -5.67	18.62 0.93 -8.61	19.56 0.91 -9.78	19.20 0.91 -9.59	21.08 0.89 -11.83	27.58 0.84 -19.12	33.42 0.92 -23.80	36.68 1.06 -25.08	35.02 1.38 -19.53	33.68 1.38 -17.19	28.91 1.08 -15.84	21.05 0.71 -12.09	18.07 0.60 -11.37
GOWANUS_GT4_7 24136	16.73 0.97 -5.55	15.15 0.87 -4.73	14.86 0.86 -4.69	14.29 0.84 -4.04	14.78 0.84 -4.61	15.81 0.83 -5.01	21.98 1.26 -4.71	24.17 1.46 -5.12	21.77 1.60 -3.13	18.83 1.69 -0.02	17.63 1.41 -2.16	18.23 1.17 -5.67	18.62 0.93 -8.61	19.56 0.91 -9.78	19.20 0.91 -9.59	21.08 0.89 -11.83	27.58 0.84 -19.12	33.42 0.92 -23.80	36.68 1.06 -25.08	35.02 1.38 -19.53	33.68 1.38 -17.19	28.91 1.08 -15.84	21.05 0.71 -12.09	18.07 0.60 -11.37
GOWANUS_GT4_8 24137	16.73 0.97 -5.55	15.15 0.87 -4.73	14.86 0.86 -4.69	14.29 0.84 -4.04	14.78 0.84 -4.61	15.81 0.83 -5.01	21.98 1.26 -4.71	24.17 1.46 -5.12	21.77 1.60 -3.13	18.83 1.69 -0.02	17.63 1.41 -2.16	18.23 1.17 -5.67	18.62 0.93 -8.61	19.56 0.91 -9.78	19.20 0.91 -9.59	21.08 0.89 -11.83	27.58 0.84 -19.12	33.42 0.92 -23.80	36.68 1.06 -25.08	35.02 1.38 -19.53	33.68 1.38 -17.19	28.91 1.08 -15.84	21.05 0.71 -12.09	18.07 0.60 -11.37

GREENBSH_115KV_TB3 55895	17.11 0.24 -6.66	15.46 0.24 -5.67	15.18 0.24 -5.63	14.51 0.26 -4.84	15.11 0.25 -5.53	16.25 0.26 -6.01	22.02 0.35 -5.65	24.08 0.37 -6.12	21.19 0.41 -3.75	17.54 0.43 0.00	17.02 0.37 -2.59	17.37 0.28 -5.70	18.21 0.23 -8.91	18.99 0.22 -9.89	20.26 0.20 -11.36	22.70 0.19 -14.15	29.68 0.17 -21.89	36.11 0.20 -27.20	39.35 0.24 -28.56	37.49 0.32 -23.06	36.09 0.36 -20.60	31.27 0.29 -18.99	22.94 0.21 -14.49	19.85 0.13 -13.62
GREENDGE_115KV_TB5 80291	11.52 0.20 -1.11	10.67 0.17 -0.95	10.44 0.20 -0.94	10.42 0.20 -0.81	10.45 0.20 -0.92	11.20 0.22 -1.00	17.51 0.58 -0.92	19.12 0.53 -1.00	18.11 0.46 -0.61	17.54 0.43 0.00	14.89 0.41 -0.42	12.60 0.28 -0.93	10.75 0.23 -1.45	10.69 0.20 -1.61	10.74 0.19 -1.85	10.82 0.16 -2.31	11.39 0.14 -3.63	13.41 0.19 -4.52	15.59 0.30 -4.75	18.25 0.37 -3.78	18.90 0.42 -3.36	15.36 0.28 -3.09	10.79 0.18 -2.36	8.47 0.15 -2.22
GREENIDGE___3 23582	11.52 0.20 -1.11	10.67 0.17 -0.95	10.44 0.20 -0.94	10.42 0.20 -0.81	10.45 0.20 -0.92	11.20 0.22 -1.00	17.51 0.58 -0.92	19.12 0.53 -1.00	18.11 0.46 -0.61	17.54 0.43 0.00	14.89 0.41 -0.42	12.60 0.28 -0.93	10.75 0.23 -1.45	10.69 0.20 -1.61	10.74 0.19 -1.85	10.82 0.16 -2.31	11.39 0.14 -3.63	13.41 0.19 -4.52	15.59 0.30 -4.75	18.25 0.37 -3.78	18.90 0.42 -3.36	15.36 0.28 -3.09	10.79 0.18 -2.36	8.47 0.15 -2.22
GREENIDGE___4 23583	11.52 0.20 -1.11	10.67 0.17 -0.95	10.44 0.20 -0.94	10.42 0.20 -0.81	10.45 0.20 -0.92	11.20 0.22 -1.00	17.51 0.58 -0.92	19.12 0.53 -1.00	18.11 0.46 -0.61	17.59 0.48 0.00	14.88 0.39 -0.42	12.60 0.28 -0.93	10.74 0.22 -1.45	10.69 0.20 -1.61	10.73 0.18 -1.85	10.82 0.16 -2.31	11.39 0.14 -3.64	13.42 0.19 -4.52	15.59 0.29 -4.75	18.25 0.37 -3.78	18.90 0.42 -3.36	15.36 0.28 -3.10	10.79 0.18 -2.36	8.47 0.15 -2.22
GREENLWN_69_KV_BK 3 55738	20.65 1.13 -9.31	15.29 1.01 -4.72	17.12 1.02 -6.78	14.43 0.99 -4.03	14.91 0.97 -4.61	19.46 1.07 -8.41	25.37 1.73 -7.63	25.55 1.90 -6.06	25.32 1.99 -6.29	19.09 1.98 0.00	24.14 1.63 -8.45	23.27 1.34 -10.54	24.36 1.07 -14.21	25.15 1.06 -15.22	26.16 1.04 -16.42	26.63 1.02 -17.25	27.61 0.87 -19.12	33.42 0.92 -23.80	36.76 1.14 -25.08	39.06 1.48 -23.48	42.99 1.36 -26.50	31.90 1.23 -18.68	26.72 0.91 -17.56	24.37 0.70 -17.57
GREENWD_138_KV_38B11_REV_LBMP_J 345004	16.73 0.97 -5.55	15.15 0.87 -4.73	14.86 0.86 -4.69	14.29 0.84 -4.04	14.78 0.84 -4.61	15.81 0.83 -5.01	21.98 1.26 -4.71	24.17 1.46 -5.12	21.77 1.60 -3.13	18.81 1.68 -0.02	17.62 1.39 -2.16	18.22 1.16 -5.67	18.61 0.93 -8.61	19.56 0.91 -9.78	19.19 0.90 -9.59	21.08 0.89 -11.83	27.58 0.84 -19.12	33.42 0.92 -23.80	36.69 1.06 -25.08	35.02 1.38 -19.54	33.69 1.38 -17.19	28.91 1.08 -15.84	21.05 0.71 -12.09	18.07 0.60 -11.37
GRISSOM___SOLAR 323813	18.94 0.90 -7.83	17.09 0.87 -6.67	16.78 0.85 -6.62	15.96 0.86 -5.69	16.69 0.86 -6.51	18.02 0.97 -7.07	24.38 1.71 -6.65	26.56 1.78 -7.20	23.01 1.57 -4.40	18.46 1.35 0.00	18.21 1.10 -3.05	18.88 0.80 -6.70	20.17 0.63 -10.47	21.10 0.59 -11.63	22.65 0.59 -13.36	25.63 0.63 -16.64	34.14 0.61 -25.92	41.73 0.81 -32.22	45.41 1.04 -33.83	42.72 1.45 -27.16	41.03 1.71 -24.20	35.57 1.27 -22.31	26.08 0.81 -17.02	22.67 0.57 -16.00
GROVEVILLE___HYD 323602	16.56 0.82 -5.54	15.01 0.74 -4.72	14.71 0.73 -4.68	14.14 0.71 -4.02	14.64 0.71 -4.60	15.73 0.75 -5.00	21.95 1.23 -4.70	24.01 1.34 -5.08	21.54 1.40 -3.11	18.48 1.37 0.00	17.35 1.14 -2.15	17.05 0.94 -4.72	17.20 0.74 -7.38	17.80 0.73 -8.20	18.83 0.71 -9.42	20.80 0.72 -11.73	27.19 0.68 -18.90	32.98 0.77 -23.52	36.21 0.90 -24.77	34.67 1.20 -19.37	33.38 1.19 -17.07	28.71 0.99 -15.73	20.91 0.66 -12.00	17.87 0.49 -11.28
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	10.84 -0.01 -0.64	10.08 -0.02 -0.55	9.84 -0.01 -0.54	9.88 0.00 -0.47	9.86 0.00 -0.53	10.56 0.00 -0.58	16.60 0.05 -0.54	18.18 0.00 -0.59	17.38 -0.02 -0.36	17.11 0.00 0.00	14.34 0.03 -0.25	11.93 0.01 -0.54	9.92 0.01 -0.84	9.81 0.00 -0.93	9.76 -0.01 -1.07	9.68 -0.02 -1.34	9.73 -0.02 -2.13	11.34 -0.02 -2.65	13.33 0.00 -2.79	16.31 -0.01 -2.22	17.11 0.02 -1.97	13.78 -0.02 -1.82	9.63 -0.01 -1.38	7.40 0.00 -1.30
HAMLTNNY_34_KV_TB 80303	10.91 0.03 -0.67	10.14 0.01 -0.57	9.91 0.03 -0.57	9.93 0.03 -0.49	9.92 0.03 -0.56	10.63 0.04 -0.61	16.68 0.10 -0.57	18.26 0.05 -0.62	17.45 0.03 -0.38	17.16 0.05 0.00	14.41 0.08 -0.26	12.01 0.05 -0.58	10.01 0.04 -0.90	9.90 0.03 -1.00	9.87 0.02 -1.15	9.80 0.01 -1.43	9.86 0.00 -2.24	11.51 0.02 -2.79	13.51 0.03 -2.93	16.47 0.03 -2.33	17.26 0.06 -2.07	13.91 0.01 -1.91	9.72 0.02 -1.46	7.50 0.02 -1.37
HAMPSHIRE___PAPER_HYD 323593	10.00 -0.38 -0.18	9.37 -0.33 -0.15	9.09 -0.36 -0.15	9.19 -0.35 -0.13	9.13 -0.34 -0.15	9.80 -0.34 -0.16	15.60 -0.56 -0.15	17.14 -0.62 -0.16	14.29 -0.75 2.00	13.75 -0.84 2.52	8.83 -0.82 4.42	7.01 -0.67 3.70	5.16 -0.54 3.37	5.09 -0.53 3.25	4.73 -0.51 3.45	4.67 -0.48 3.20	4.60 -0.41 2.61	5.22 -0.46 3.02	6.08 -0.53 3.93	7.73 -0.61 5.76	8.44 -0.61 6.07	6.54 -0.52 4.93	4.74 -0.37 3.14	3.76 -0.29 2.06
HARDSCRABBLE_WT_PWR 323673	10.11 -0.09 0.00	9.49 -0.07 0.00	9.23 -0.07 0.00	9.35 -0.07 0.00	9.25 -0.07 0.00	9.90 -0.08 0.00	15.90 -0.11 0.00	17.47 -0.12 0.00	17.10 -0.10 -0.17	17.19 -0.12 -0.20	14.26 -0.15 -0.35	11.53 -0.18 -0.33	9.17 -0.20 -0.30	8.91 -0.26 -0.29	8.73 -0.28 -0.31	8.38 -0.27 -0.29	7.64 -0.24 -0.26	8.73 -0.28 -0.31	10.58 -0.35 -0.38	14.21 -0.41 -0.52	15.25 -0.41 -0.54	12.12 -0.31 -0.44	8.33 -0.21 -0.29	6.14 -0.16 -0.20
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	16.20 0.78 -5.22	14.70 0.70 -4.45	14.41 0.69 -4.41	13.88 0.68 -3.79	14.34 0.67 -4.34	15.41 0.72 -4.71	21.61 1.17 -4.43	23.68 1.30 -4.79	21.33 1.36 -2.93	18.45 1.33 0.00	17.21 1.12 -2.02	16.77 0.93 -4.45	16.76 0.73 -6.96	17.33 0.73 -7.73	18.28 0.71 -8.87	20.12 0.71 -11.05	26.16 0.67 -17.87	31.70 0.76 -22.24	34.86 0.89 -23.43	33.56 1.18 -18.27	32.38 1.18 -16.08	27.78 0.97 -14.82	20.20 0.64 -11.31	17.21 0.48 -10.63
HARSNRAD_115KV_TB1 81005	11.03 -0.05 -0.88	10.24 -0.07 -0.75	10.07 0.02 -0.74	10.03 -0.02 -0.64	10.04 -0.02 -0.73	10.68 -0.09 -0.79	16.47 -0.30 -0.76	17.73 -0.69 -0.82	16.87 -0.66 -0.50	16.63 -0.48 0.00	14.17 -0.24 -0.35	12.01 -0.14 -0.76	10.10 -0.16 -1.19	10.10 -0.10 -1.33	10.10 -0.12 -1.52	10.09 -0.17 -1.90	10.38 -0.23 -2.99	12.18 -0.23 -3.71	14.10 -0.35 -3.90	16.58 -0.63 -3.11	17.14 -0.74 -2.76	14.12 -0.41 -2.54	9.99 -0.20 -1.94	7.86 -0.07 -1.82
HARZA MOOSE___RIVER 24016	10.44 0.01 -0.22	9.76 0.02 -0.19	9.51 0.01 -0.19	9.58 0.01 -0.16	9.53 0.02 -0.19	10.21 0.03 -0.20	16.30 0.10 -0.19	17.87 0.07 -0.21	16.73 0.02 0.32	16.50 -0.07 0.54	13.00 -0.18 0.88	10.58 -0.19 0.61	8.44 -0.17 0.46	8.29 -0.18 0.41	8.11 -0.17 0.41	7.92 -0.16 0.28	7.58 -0.11 -0.07	8.72 -0.12 -0.14	10.42 -0.11 0.02	13.50 -0.03 0.58	14.44 0.03 0.71	11.42 -0.05 0.52	7.94 -0.05 0.26	6.02 -0.04 0.05

HDSNBRDG_115KV_BRDG_TB1 355580	10.73 -0.06 -0.58	9.99 -0.07 -0.50	9.76 -0.05 -0.49	9.79 -0.05 -0.43	9.77 -0.05 -0.49	10.46 -0.05 -0.53	16.46 -0.05 -0.50	18.02 -0.11 -0.54	17.26 -0.10 -0.33	17.03 -0.09 0.00	14.26 -0.03 -0.23	11.85 -0.03 -0.50	9.82 -0.03 -0.78	9.70 -0.04 -0.86	9.65 -0.03 -0.99	9.55 -0.04 -1.24	9.51 -0.05 -1.95	11.08 -0.04 -2.42	13.04 -0.05 -2.55	16.06 -0.07 -2.03	16.86 -0.06 -1.80	13.58 -0.07 -1.66	9.48 -0.04 -1.27	7.27 -0.02 -1.19
HELLGATE_13_KV_LD 55870	16.71 0.95 -5.55	15.14 0.86 -4.73	14.85 0.85 -4.69	14.28 0.83 -4.04	14.78 0.84 -4.61	15.82 0.84 -5.01	21.98 1.26 -4.71	24.15 1.44 -5.12	21.75 1.58 -3.13	18.77 1.64 -0.02	17.59 1.36 -2.16	18.19 1.13 -5.67	18.58 0.90 -8.61	19.53 0.88 -9.78	19.16 0.87 -9.59	21.06 0.87 -11.83	27.53 0.79 -19.12	33.38 0.88 -23.80	36.62 1.00 -25.08	34.95 1.31 -19.54	33.61 1.30 -17.19	28.87 1.04 -15.84	21.02 0.68 -12.09	18.05 0.58 -11.37
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	16.71 0.95 -5.55	15.14 0.86 -4.73	14.85 0.85 -4.69	14.28 0.83 -4.04	14.78 0.84 -4.61	15.82 0.84 -5.01	21.98 1.26 -4.71	24.15 1.44 -5.12	21.75 1.58 -3.13	18.77 1.64 -0.02	17.59 1.36 -2.16	18.19 1.13 -5.67	18.58 0.90 -8.61	19.53 0.88 -9.78	19.16 0.87 -9.59	21.06 0.87 -11.83	27.53 0.79 -19.12	33.38 0.88 -23.80	36.62 1.00 -25.08	34.95 1.31 -19.54	33.61 1.30 -17.19	28.87 1.04 -15.84	21.02 0.68 -12.09	18.05 0.58 -11.37
HEMPSTEAD____ 23647	20.52 1.00 -9.31	15.18 0.90 -4.72	17.00 0.90 -6.78	14.32 0.88 -4.03	14.79 0.86 -4.61	19.33 0.94 -8.41	25.14 1.50 -7.63	25.30 1.65 -6.06	25.08 1.76 -6.29	18.89 1.78 0.00	23.99 1.48 -8.45	23.14 1.22 -10.54	24.25 0.96 -14.21	25.03 0.94 -15.22	26.05 0.94 -16.42	26.52 0.91 -17.25	27.56 0.82 -19.12	33.40 0.90 -23.80	36.70 1.08 -25.08	39.00 1.41 -23.48	43.21 1.44 -26.65	31.82 1.15 -18.68	26.61 0.80 -17.56	24.28 0.61 -17.57
HEWLETT_69_KV_BK3 55828	20.60 1.08 -9.31	15.25 0.97 -4.72	17.07 0.98 -6.78	14.38 0.94 -4.03	14.87 0.93 -4.61	19.41 1.02 -8.41	25.27 1.63 -7.63	25.45 1.79 -6.06	25.22 1.89 -6.29	19.01 1.90 0.00	24.09 1.57 -8.45	23.22 1.30 -10.54	24.32 1.03 -14.21	25.10 1.01 -15.22	26.11 1.00 -16.42	26.59 0.98 -17.25	27.62 0.88 -19.12	33.43 0.92 -23.80	36.73 1.11 -25.08	39.04 1.45 -23.48	43.27 1.50 -26.65	31.93 1.26 -18.68	26.68 0.87 -17.56	24.34 0.67 -17.57
HICKLING___1 23621	11.94 0.35 -1.39	11.03 0.30 -1.18	10.82 0.34 -1.17	10.75 0.33 -1.01	10.81 0.33 -1.15	11.57 0.34 -1.25	17.74 0.54 -1.18	19.31 0.44 -1.28	18.24 0.43 -0.78	17.56 0.44 0.00	15.05 0.45 -0.54	12.93 0.35 -1.19	11.20 0.26 -1.86	11.20 0.26 -2.07	11.31 0.24 -2.37	11.51 0.20 -2.95	12.43 0.16 -4.65	14.70 0.21 -5.79	16.89 0.26 -6.08	19.23 0.28 -4.84	19.72 0.30 -4.30	16.19 0.24 -3.96	11.45 0.17 -3.02	9.10 0.16 -2.84
HICKLING___2 23622	11.94 0.35 -1.39	11.03 0.30 -1.18	10.82 0.34 -1.17	10.75 0.33 -1.01	10.81 0.33 -1.15	11.57 0.34 -1.25	17.74 0.54 -1.18	19.31 0.44 -1.28	18.24 0.43 -0.78	17.56 0.44 0.00	15.05 0.45 -0.54	12.93 0.35 -1.19	11.20 0.26 -1.86	11.20 0.26 -2.07	11.31 0.24 -2.37	11.51 0.20 -2.95	12.43 0.16 -4.65	14.70 0.21 -5.79	16.89 0.26 -6.08	19.23 0.28 -4.84	19.72 0.30 -4.30	16.19 0.24 -3.96	11.45 0.17 -3.02	9.10 0.16 -2.84
HIGH FALLS___HY 23754	16.37 0.85 -5.32	14.83 0.75 -4.53	14.54 0.74 -4.50	13.98 0.71 -3.87	14.47 0.72 -4.42	15.54 0.76 -4.80	21.81 1.28 -4.52	23.86 1.39 -4.88	21.47 1.45 -2.98	18.51 1.40 0.00	17.31 1.18 -2.06	16.90 0.98 -4.54	16.87 0.71 -7.09	17.44 0.69 -7.87	18.42 0.68 -9.04	20.32 0.69 -11.26	26.32 0.67 -18.03	31.89 0.75 -22.44	35.11 0.95 -23.62	33.95 1.28 -18.56	32.77 1.26 -16.39	28.15 1.05 -15.11	20.46 0.68 -11.53	17.45 0.52 -10.83
HILLBURN___GT 23639	16.27 0.77 -5.30	14.77 0.70 -4.52	14.48 0.69 -4.48	13.94 0.68 -3.85	14.41 0.67 -4.41	15.49 0.72 -4.79	21.68 1.17 -4.50	23.79 1.30 -4.90	21.43 1.40 -2.99	18.55 1.44 0.00	17.32 1.19 -2.07	16.95 1.00 -4.56	16.99 0.79 -7.13	17.57 0.77 -7.92	18.54 0.77 -9.07	20.41 0.75 -11.30	26.58 0.69 -18.27	32.21 0.77 -22.74	35.39 0.89 -23.96	33.94 1.16 -18.68	32.74 1.18 -16.44	28.08 0.95 -15.15	20.44 0.64 -11.56	17.45 0.48 -10.86
HILLSIDE_115KV_TB1 80332	11.81 0.17 -1.43	10.91 0.13 -1.22	10.70 0.18 -1.21	10.62 0.17 -1.04	10.69 0.17 -1.19	11.43 0.16 -1.29	17.49 0.26 -1.22	19.05 0.14 -1.32	18.00 0.15 -0.81	17.30 0.19 0.00	14.83 0.21 -0.56	12.78 0.17 -1.22	11.11 0.12 -1.92	11.11 0.12 -2.13	11.24 0.10 -2.44	11.47 0.08 -3.04	12.46 0.05 -4.79	14.74 0.08 -5.96	16.91 0.11 -6.26	19.16 0.07 -4.98	19.61 0.06 -4.42	16.14 0.07 -4.08	11.42 0.06 -3.11	9.10 0.07 -2.92
HISHELDN_WT_PWR 323625	11.32 0.09 -1.02	10.49 0.07 -0.87	10.31 0.14 -0.86	10.26 0.10 -0.74	10.28 0.10 -0.85	10.95 0.05 -0.92	16.82 -0.08 -0.89	18.18 -0.37 -0.96	17.28 -0.34 -0.59	17.01 -0.10 0.00	14.38 -0.08 -0.41	12.27 -0.01 -0.89	10.41 -0.06 -1.40	10.41 -0.02 -1.55	10.43 -0.05 -1.78	10.49 -0.09 -2.22	10.97 -0.14 -3.50	12.91 -0.14 -4.35	14.91 -0.21 -4.57	17.31 -0.44 -3.64	17.82 -0.53 -3.23	14.68 -0.29 -2.98	10.37 -0.15 -2.27	8.19 -0.05 -2.13
HOLTSVILLE_IC_1 23690	20.63 1.11 -9.31	15.26 0.98 -4.72	17.09 1.00 -6.78	14.43 0.99 -4.03	14.88 0.94 -4.61	19.44 1.05 -8.41	25.33 1.70 -7.63	25.50 1.85 -6.06	25.27 1.94 -6.29	19.04 1.93 0.00	24.07 1.56 -8.45	23.21 1.29 -10.54	24.30 1.02 -14.21	25.09 1.00 -15.22	26.10 0.99 -16.42	26.57 0.96 -17.25	27.62 0.88 -19.12	33.48 0.97 -23.81	36.81 1.18 -25.09	39.14 1.55 -23.49	43.85 1.65 -27.08	31.93 1.26 -18.68	26.68 0.87 -17.56	24.35 0.68 -17.57
HOLTSVILLE_IC_10 23699	20.69 1.17 -9.31	15.32 1.04 -4.72	17.15 1.05 -6.78	14.49 1.04 -4.03	14.93 1.00 -4.61	19.50 1.11 -8.41	25.43 1.79 -7.63	25.62 1.97 -6.06	25.37 2.04 -6.29	19.15 2.04 0.00	24.16 1.64 -8.45	23.28 1.35 -10.54	24.36 1.07 -14.21	25.15 1.06 -15.22	26.16 1.04 -16.42	26.63 1.02 -17.25	27.68 0.94 -19.12	33.55 1.04 -23.81	36.90 1.28 -25.09	39.26 1.66 -23.49	43.99 1.77 -27.10	32.03 1.35 -18.69	26.75 0.94 -17.56	24.39 0.71 -17.57
HOLTSVILLE_IC_2 23691	20.63 1.11 -9.31	15.26 0.98 -4.72	17.09 1.00 -6.78	14.43 0.99 -4.03	14.88 0.94 -4.61	19.44 1.05 -8.41	25.33 1.70 -7.63	25.50 1.85 -6.06	25.27 1.94 -6.29	19.04 1.93 0.00	24.07 1.56 -8.45	23.21 1.29 -10.54	24.30 1.02 -14.21	25.09 1.00 -15.22	26.10 0.99 -16.42	26.57 0.96 -17.25	27.62 0.88 -19.12	33.48 0.97 -23.81	36.81 1.18 -25.09	39.14 1.55 -23.49	43.85 1.65 -27.08	31.93 1.26 -18.68	26.68 0.87 -17.56	24.35 0.68 -17.57
HOLTSVILLE_IC_3 23692	20.63 1.11 -9.31	15.26 0.98 -4.72	17.09 1.00 -6.78	14.43 0.99 -4.03	14.88 0.94 -4.61	19.44 1.05 -8.41	25.33 1.70 -7.63	25.50 1.85 -6.06	25.27 1.94 -6.29	19.04 1.93 0.00	24.07 1.56 -8.45	23.21 1.29 -10.54	24.30 1.02 -14.21	25.09 1.00 -15.22	26.10 0.99 -16.42	26.57 0.96 -17.25	27.62 0.88 -19.12	33.48 0.97 -23.81	36.81 1.18 -25.09	39.14 1.55 -23.49	43.85 1.65 -27.08	31.93 1.26 -18.68	26.68 0.87 -17.56	24.35 0.68 -17.57

HOLTSVILLE_IC_4 23693	20.63 1.11 -9.31	15.26 0.98 -4.72	17.09 1.00 -6.78	14.43 0.99 -4.03	14.88 0.94 -4.61	19.44 1.05 -8.41	25.33 1.70 -7.63	25.50 1.85 -6.06	25.27 1.94 -6.29	19.04 1.93 0.00	24.07 1.56 -8.45	23.21 1.29 -10.54	24.30 1.02 -14.21	25.09 1.00 -15.22	26.10 0.99 -16.42	26.57 0.96 -17.25	27.62 0.88 -19.12	33.48 0.97 -23.81	36.81 1.18 -25.09	39.14 1.55 -23.49	43.85 1.65 -27.08	31.93 1.26 -18.68	26.68 0.87 -17.56	24.35 0.68 -17.57
HOLTSVILLE_IC_5 23694	20.63 1.11 -9.31	15.26 0.98 -4.72	17.09 1.00 -6.78	14.43 0.99 -4.03	14.88 0.94 -4.61	19.44 1.05 -8.41	25.33 1.70 -7.63	25.50 1.85 -6.06	25.27 1.94 -6.29	19.04 1.93 0.00	24.07 1.56 -8.45	23.21 1.29 -10.54	24.30 1.02 -14.21	25.09 1.00 -15.22	26.10 0.99 -16.42	26.57 0.96 -17.25	27.62 0.88 -19.12	33.48 0.97 -23.81	36.81 1.18 -25.09	39.14 1.55 -23.49	43.85 1.65 -27.08	31.93 1.26 -18.68	26.68 0.87 -17.56	24.35 0.68 -17.57
HOLTSVILLE_IC_6 23695	20.69 1.17 -9.31	15.32 1.04 -4.72	17.15 1.05 -6.78	14.49 1.04 -4.03	14.93 1.00 -4.61	19.50 1.11 -8.41	25.43 1.79 -7.63	25.62 1.97 -6.06	25.37 2.04 -6.29	19.15 2.04 0.00	24.16 1.64 -8.45	23.28 1.35 -10.54	24.36 1.07 -14.21	25.15 1.06 -15.22	26.16 1.04 -16.42	26.63 1.02 -17.25	27.68 0.94 -19.12	33.55 1.04 -23.81	36.90 1.28 -25.09	39.26 1.66 -23.49	43.99 1.77 -27.10	32.03 1.35 -18.69	26.75 0.94 -17.56	24.39 0.71 -17.57
HOLTSVILLE_IC_7 23696	20.69 1.17 -9.31	15.32 1.04 -4.72	17.15 1.05 -6.78	14.49 1.04 -4.03	14.93 1.00 -4.61	19.50 1.11 -8.41	25.43 1.79 -7.63	25.62 1.97 -6.06	25.37 2.04 -6.29	19.15 2.04 0.00	24.16 1.64 -8.45	23.28 1.35 -10.54	24.36 1.07 -14.21	25.15 1.06 -15.22	26.16 1.04 -16.42	26.63 1.02 -17.25	27.68 0.94 -19.12	33.55 1.04 -23.81	36.90 1.28 -25.09	39.26 1.66 -23.49	43.99 1.77 -27.10	32.03 1.35 -18.69	26.75 0.94 -17.56	24.39 0.71 -17.57
HOLTSVILLE_IC_8 23697	20.69 1.17 -9.31	15.32 1.04 -4.72	17.15 1.05 -6.78	14.49 1.04 -4.03	14.93 1.00 -4.61	19.50 1.11 -8.41	25.43 1.79 -7.63	25.62 1.97 -6.06	25.37 2.04 -6.29	19.15 2.04 0.00	24.16 1.64 -8.45	23.28 1.35 -10.54	24.36 1.07 -14.21	25.15 1.06 -15.22	26.16 1.04 -16.42	26.63 1.02 -17.25	27.68 0.94 -19.12	33.55 1.04 -23.81	36.90 1.28 -25.09	39.26 1.66 -23.49	43.99 1.77 -27.10	32.03 1.35 -18.69	26.75 0.94 -17.56	24.39 0.71 -17.57
HOLTSVILLE_IC_9 23698	20.69 1.17 -9.31	15.32 1.04 -4.72	17.15 1.05 -6.78	14.49 1.04 -4.03	14.93 1.00 -4.61	19.50 1.11 -8.41	25.43 1.79 -7.63	25.62 1.97 -6.06	25.37 2.04 -6.29	19.15 2.04 0.00	24.16 1.64 -8.45	23.28 1.35 -10.54	24.36 1.07 -14.21	25.15 1.06 -15.22	26.16 1.04 -16.42	26.63 1.02 -17.25	27.68 0.94 -19.12	33.55 1.04 -23.81	36.90 1.28 -25.09	39.26 1.66 -23.49	43.99 1.77 -27.10	32.03 1.35 -18.69	26.75 0.94 -17.56	24.39 0.71 -17.57
HOMER_HL_115KV_TB2 355744	11.34 0.06 -1.08	10.50 0.03 -0.92	10.33 0.11 -0.91	10.28 0.08 -0.78	10.31 0.08 -0.90	10.97 0.02 -0.97	17.01 0.08 -0.92	18.46 -0.12 -0.99	17.52 -0.12 -0.61	17.08 -0.03 0.00	14.52 0.04 -0.42	12.35 0.05 -0.92	10.51 0.00 -1.44	10.51 0.04 -1.60	10.55 0.02 -1.84	10.59 -0.05 -2.29	11.14 -0.08 -3.60	13.11 -0.07 -4.48	15.15 -0.11 -4.71	17.58 -0.27 -3.75	18.16 -0.29 -3.32	14.89 -0.16 -3.06	10.50 -0.09 -2.34	8.28 -0.02 -2.20
HOWARD_WT_PWR 323690	11.75 0.37 -1.18	10.87 0.31 -1.00	10.67 0.36 -0.99	10.62 0.36 -0.85	10.66 0.35 -0.98	11.40 0.36 -1.06	18.13 1.17 -0.95	19.80 1.18 -1.03	18.69 1.02 -0.63	18.16 1.04 0.00	15.30 0.80 -0.43	12.92 0.58 -0.96	11.02 0.45 -1.50	10.94 0.41 -1.66	10.98 0.37 -1.91	11.05 0.32 -2.38	11.63 0.27 -3.74	13.72 0.36 -4.66	15.95 0.52 -4.89	18.68 0.68 -3.89	19.37 0.79 -3.46	15.70 0.53 -3.19	11.03 0.35 -2.43	8.65 0.26 -2.28
HQ_GEN_CEDARS 23644	9.85 -0.36 0.00	9.24 -0.32 0.00	8.96 -0.34 0.00	9.08 -0.33 0.00	9.00 -0.33 0.00	9.64 -0.34 0.00	15.45 -0.56 0.00	16.98 -0.62 0.00	12.60 -0.73 3.70	11.92 -0.74 4.45	5.47 -0.67 7.92	3.69 -0.51 7.18	2.06 -0.40 6.61	2.07 -0.36 6.44	1.54 -0.36 6.80	1.53 -0.33 6.49	1.49 -0.30 5.83	1.56 -0.34 6.80	1.66 -0.41 8.47	2.12 -0.54 11.45	2.61 -0.59 11.93	1.77 -0.46 9.76	1.54 -0.32 6.39	1.41 -0.24 4.45
HQ_GEN_CEDARS_PROXY 323590	9.85 -0.36 0.00	9.24 -0.32 0.00	8.96 -0.34 0.00	9.08 -0.33 0.00	9.00 -0.33 0.00	9.64 -0.34 0.00	15.45 -0.56 0.00	16.98 -0.62 0.00	12.57 -0.73 3.74	11.86 -0.75 4.50	5.41 -0.66 8.00	3.62 -0.51 7.25	2.00 -0.40 6.67	2.01 -0.36 6.50	1.48 -0.36 6.86	1.47 -0.33 6.55	1.43 -0.30 5.88	1.50 -0.34 6.87	1.58 -0.41 8.55	2.01 -0.54 11.56	2.49 -0.59 12.04	1.67 -0.46 9.86	1.47 -0.32 6.45	1.36 -0.24 4.50
HQ_GEN_IMPORT 323601	9.97 -0.23 0.00	9.34 -0.21 0.00	9.10 -0.21 0.00	9.20 -0.22 0.00	9.11 -0.21 0.00	9.75 -0.23 0.00	15.64 -0.37 0.00	17.22 -0.37 0.00	15.87 -0.39 0.78	15.77 -0.41 0.94	12.05 -0.35 1.66	9.54 -0.27 1.57	7.43 -0.21 1.43	7.27 -0.20 1.40	7.04 -0.19 1.46	6.77 -0.18 1.40	6.19 -0.17 1.26	7.05 -0.19 1.46	8.49 -0.23 1.82	11.34 -0.31 2.45	12.22 -0.35 2.56	9.63 -0.26 2.09	6.69 -0.18 1.38	5.00 -0.13 0.97
HQ_GEN_WHEEL 23651	9.97 -0.23 0.00	9.34 -0.21 0.00	9.10 -0.21 0.00	9.20 -0.22 0.00	9.11 -0.21 0.00	9.75 -0.23 0.00	15.64 -0.37 0.00	17.22 -0.37 0.00	15.87 -0.39 0.78	15.77 -0.41 0.94	12.05 -0.35 1.66	9.54 -0.27 1.57	7.43 -0.21 1.43	7.27 -0.20 1.40	7.04 -0.19 1.46	6.77 -0.18 1.40	6.19 -0.17 1.26	7.05 -0.19 1.46	8.49 -0.23 1.82	11.34 -0.31 2.45	12.22 -0.35 2.56	9.63 -0.26 2.09	6.69 -0.18 1.38	5.00 -0.13 0.97
HUDSON_AVE_GT_3 23810	16.66 0.91 -5.54	15.10 0.82 -4.72	14.80 0.81 -4.69	14.23 0.79 -4.03	14.73 0.79 -4.61	15.82 0.84 -5.01	22.05 1.33 -4.71	24.21 1.49 -5.12	21.78 1.62 -3.13	18.82 1.69 -0.02	17.62 1.39 -2.16	18.05 1.16 -5.51	18.39 0.92 -8.40	19.27 0.90 -9.50	19.16 0.90 -9.57	21.06 0.88 -11.83	27.53 0.79 -19.12	33.37 0.87 -23.80	36.62 1.00 -25.07	34.95 1.31 -19.53	33.62 1.31 -17.18	28.88 1.06 -15.84	21.05 0.72 -12.09	18.03 0.56 -11.36
HUDSON_AVE_GT_4 23540	16.66 0.91 -5.54	15.10 0.82 -4.72	14.80 0.81 -4.69	14.23 0.79 -4.03	14.73 0.79 -4.61	15.82 0.84 -5.01	22.05 1.33 -4.71	24.21 1.49 -5.12	21.78 1.62 -3.13	18.82 1.69 -0.02	17.62 1.39 -2.16	18.05 1.16 -5.51	18.39 0.92 -8.40	19.27 0.90 -9.50	19.16 0.90 -9.57	21.06 0.88 -11.83	27.53 0.79 -19.12	33.37 0.87 -23.80	36.62 1.00 -25.07	34.95 1.31 -19.53	33.62 1.31 -17.18	28.88 1.06 -15.84	21.05 0.72 -12.09	18.03 0.56 -11.36
HUDSON_AVE_GT_5 23657	16.66 0.91 -5.54	15.10 0.82 -4.72	14.80 0.81 -4.69	14.23 0.79 -4.03	14.73 0.79 -4.61	15.82 0.84 -5.01	22.05 1.33 -4.71	24.21 1.49 -5.12	21.78 1.62 -3.13	18.82 1.69 -0.02	17.62 1.39 -2.16	18.05 1.16 -5.51	18.39 0.92 -8.40	19.27 0.90 -9.50	19.16 0.90 -9.57	21.06 0.88 -11.83	27.53 0.79 -19.12	33.37 0.87 -23.80	36.62 1.00 -25.07	34.95 1.31 -19.53	33.62 1.31 -17.18	28.88 1.06 -15.84	21.05 0.72 -12.09	18.03 0.56 -11.36

HUDSON_AVE_10 24168	16.64 0.89 -5.54	15.08 0.80 -4.72	14.79 0.79 -4.69	14.21 0.77 -4.03	14.71 0.77 -4.61	15.80 0.82 -5.01	22.02 1.30 -4.71	24.19 1.48 -5.12	21.77 1.60 -3.13	18.75 1.63 -0.02	17.55 1.32 -2.16	18.00 1.10 -5.51	18.35 0.88 -8.40	19.24 0.86 -9.51	19.12 0.85 -9.57	21.03 0.84 -11.83	27.52 0.78 -19.12	33.35 0.84 -23.80	36.60 0.98 -25.08	34.91 1.27 -19.53	33.59 1.29 -17.19	28.85 1.02 -15.84	21.04 0.70 -12.09	18.02 0.56 -11.37
HUDSON___115KV_TB 4 355613	17.04 0.35 -6.49	15.41 0.33 -5.53	15.12 0.33 -5.48	14.48 0.36 -4.71	15.06 0.35 -5.39	16.19 0.36 -5.86	22.10 0.58 -5.51	24.15 0.60 -5.96	21.25 0.56 -3.65	17.64 0.53 0.00	17.02 0.44 -2.52	17.27 0.34 -5.55	18.02 0.27 -8.68	18.78 0.28 -9.63	20.01 0.24 -11.06	22.38 0.24 -13.78	29.29 0.23 -21.44	35.65 0.30 -26.66	38.93 0.38 -28.01	37.13 0.52 -22.50	35.76 0.57 -20.06	30.94 0.46 -18.49	22.67 0.31 -14.11	19.56 0.20 -13.26
HUNTER MOUNT___DRP 323613	16.82 0.32 -6.30	15.22 0.31 -5.36	14.93 0.30 -5.32	14.33 0.34 -4.58	14.88 0.32 -5.23	16.01 0.34 -5.69	21.92 0.56 -5.35	23.96 0.58 -5.79	21.11 0.53 -3.54	17.56 0.44 0.00	16.89 0.38 -2.45	17.04 0.27 -5.38	17.72 0.23 -8.42	18.45 0.23 -9.35	19.64 0.20 -10.74	21.92 0.19 -13.37	28.73 0.19 -20.92	34.97 0.26 -26.01	38.22 0.34 -27.34	36.46 0.48 -21.88	35.12 0.53 -19.47	30.38 0.44 -17.95	22.23 0.29 -13.69	19.15 0.18 -12.87
HUNTINGTON_RES_REC 323705	20.68 1.16 -9.31	15.31 1.03 -4.72	17.14 1.04 -6.78	14.47 1.03 -4.03	14.92 0.99 -4.61	19.48 1.09 -8.41	25.40 1.76 -7.63	25.59 1.94 -6.06	25.35 2.03 -6.29	19.15 2.04 0.00	24.17 1.66 -8.45	23.30 1.38 -10.54	24.37 1.09 -14.21	25.16 1.07 -15.22	26.17 1.06 -16.42	26.64 1.03 -17.25	27.65 0.91 -19.12	33.49 0.99 -23.80	36.83 1.21 -25.08	39.16 1.58 -23.48	43.20 1.54 -26.53	31.96 1.30 -18.68	26.74 0.93 -17.56	24.38 0.71 -17.57
HUNTLEY___63 23557	11.16 0.05 -0.91	10.35 0.02 -0.77	10.18 0.10 -0.77	10.14 0.07 -0.66	10.15 0.07 -0.75	10.79 -0.01 -0.82	16.63 -0.16 -0.78	17.94 -0.49 -0.85	17.08 -0.48 -0.52	16.80 -0.31 0.00	14.31 -0.11 -0.36	12.15 -0.02 -0.79	10.22 -0.08 -1.23	10.23 -0.01 -1.37	10.23 -0.03 -1.57	10.21 -0.10 -1.95	10.53 -0.16 -3.08	12.36 -0.17 -3.82	14.31 -0.25 -4.02	16.80 -0.51 -3.20	17.36 -0.60 -2.84	14.31 -0.30 -2.62	10.12 -0.13 -2.00	7.95 -0.02 -1.88
HUNTLEY___64 23558	11.16 0.05 -0.91	10.35 0.02 -0.77	10.18 0.10 -0.77	10.14 0.07 -0.66	10.15 0.07 -0.75	10.79 -0.01 -0.82	16.63 -0.16 -0.78	17.94 -0.49 -0.85	17.08 -0.48 -0.52	16.80 -0.31 0.00	14.31 -0.11 -0.36	12.15 -0.02 -0.79	10.22 -0.08 -1.23	10.23 -0.01 -1.37	10.23 -0.03 -1.57	10.21 -0.10 -1.95	10.53 -0.16 -3.08	12.36 -0.17 -3.82	14.31 -0.25 -4.02	16.80 -0.51 -3.20	17.36 -0.60 -2.84	14.31 -0.30 -2.62	10.12 -0.13 -2.00	7.95 -0.02 -1.88
HUNTLEY___65 23559	11.16 0.05 -0.91	10.35 0.02 -0.77	10.18 0.10 -0.77	10.14 0.07 -0.66	10.15 0.07 -0.75	10.79 -0.01 -0.82	16.63 -0.16 -0.78	17.94 -0.49 -0.85	17.08 -0.48 -0.52	16.80 -0.31 0.00	14.31 -0.11 -0.36	12.15 -0.02 -0.79	10.22 -0.08 -1.23	10.23 -0.01 -1.37	10.23 -0.03 -1.57	10.21 -0.10 -1.95	10.53 -0.16 -3.08	12.36 -0.17 -3.82	14.31 -0.25 -4.02	16.80 -0.51 -3.20	17.36 -0.60 -2.84	14.31 -0.30 -2.62	10.12 -0.13 -2.00	7.95 -0.02 -1.88
HUNTLEY___66 23560	11.16 0.05 -0.91	10.35 0.02 -0.77	10.18 0.10 -0.77	10.14 0.07 -0.66	10.15 0.07 -0.75	10.79 -0.01 -0.82	16.63 -0.16 -0.78	17.94 -0.49 -0.85	17.08 -0.48 -0.52	16.80 -0.31 0.00	14.31 -0.11 -0.36	12.15 -0.02 -0.79	10.22 -0.08 -1.23	10.23 -0.01 -1.37	10.23 -0.03 -1.57	10.21 -0.10 -1.95	10.53 -0.16 -3.08	12.36 -0.17 -3.82	14.31 -0.25 -4.02	16.80 -0.51 -3.20	17.36 -0.60 -2.84	14.31 -0.30 -2.62	10.12 -0.13 -2.00	7.95 -0.02 -1.88
HUNTLEY___67 23561	11.12 -0.01 -0.92	10.31 -0.03 -0.79	10.15 0.06 -0.78	10.10 0.02 -0.67	10.10 0.01 -0.77	10.76 -0.05 -0.83	16.60 -0.21 -0.79	17.89 -0.56 -0.86	17.03 -0.53 -0.52	16.75 -0.36 0.00	14.27 -0.15 -0.36	12.13 -0.06 -0.80	10.22 -0.10 -1.25	10.22 -0.04 -1.39	10.22 -0.07 -1.59	10.22 -0.12 -1.98	10.57 -0.17 -3.12	12.41 -0.17 -3.88	14.36 -0.26 -4.08	16.83 -0.52 -3.25	17.39 -0.62 -2.88	14.32 -0.32 -2.66	10.12 -0.16 -2.03	7.96 -0.04 -1.91
HUNTLEY___68 23562	11.12 -0.01 -0.92	10.31 -0.03 -0.79	10.15 0.06 -0.78	10.10 0.02 -0.67	10.10 0.01 -0.77	10.76 -0.05 -0.83	16.60 -0.21 -0.79	17.89 -0.56 -0.86	17.03 -0.53 -0.52	16.75 -0.36 0.00	14.27 -0.15 -0.36	12.13 -0.06 -0.80	10.22 -0.10 -1.25	10.22 -0.04 -1.39	10.22 -0.07 -1.59	10.22 -0.12 -1.98	10.57 -0.17 -3.12	12.41 -0.17 -3.88	14.36 -0.26 -4.08	16.83 -0.52 -3.25	17.39 -0.62 -2.88	14.32 -0.32 -2.66	10.12 -0.16 -2.03	7.96 -0.04 -1.91
HYLAND___LFGE 323620	11.77 0.57 -0.99	10.93 0.53 -0.85	10.72 0.57 -0.84	10.70 0.56 -0.72	10.72 0.57 -0.82	11.45 0.58 -0.90	18.17 1.38 -0.79	19.76 1.32 -0.85	18.49 0.94 -0.52	17.81 0.70 0.00	15.00 0.58 -0.36	12.61 0.43 -0.79	10.65 0.34 -1.23	10.55 0.31 -1.37	10.56 0.29 -1.57	10.60 0.28 -1.96	10.97 0.26 -3.09	12.93 0.38 -3.85	15.21 0.62 -4.04	18.28 0.96 -3.22	19.08 1.10 -2.86	15.45 0.83 -2.63	10.83 0.58 -2.01	8.41 0.43 -1.89
INDECK___CORINTH 23802	17.31 0.15 -6.95	15.62 0.15 -5.92	15.33 0.15 -5.87	14.61 0.15 -5.05	15.26 0.16 -5.77	16.45 0.20 -6.27	22.34 0.43 -5.90	24.43 0.46 -6.38	21.29 0.34 -3.91	17.38 0.27 0.00	17.00 0.24 -2.70	17.48 0.15 -5.94	18.48 0.12 -9.30	19.33 0.13 -10.32	20.67 0.12 -11.86	23.27 0.15 -14.77	30.59 0.14 -22.83	37.29 0.22 -28.37	40.58 0.26 -29.77	38.54 0.39 -24.05	37.13 0.53 -21.48	32.14 0.35 -19.80	23.57 0.21 -15.11	20.43 0.13 -14.20
INDECK___ILION 23567	10.21 0.00 0.00	9.55 0.00 0.00	9.31 0.00 0.00	9.41 0.00 0.00	9.33 0.00 0.00	9.98 0.00 0.00	16.03 0.02 0.00	17.59 0.00 0.00	17.22 0.02 -0.17	17.31 0.00 -0.20	14.40 -0.01 -0.35	11.67 -0.05 -0.33	9.32 -0.05 -0.30	9.09 -0.08 -0.29	8.92 -0.09 -0.31	8.57 -0.08 -0.29	7.81 -0.07 -0.27	8.93 -0.08 -0.31	10.83 -0.09 -0.38	14.52 -0.10 -0.52	15.57 -0.09 -0.54	12.36 -0.07 -0.44	8.49 -0.05 -0.29	6.26 -0.04 -0.20
INDECK___OLEAN 23982	11.34 0.06 -1.08	10.50 0.03 -0.92	10.33 0.11 -0.91	10.28 0.08 -0.78	10.31 0.08 -0.90	10.97 0.02 -0.97	17.01 0.08 -0.92	18.46 -0.12 -0.99	17.52 -0.12 -0.61	17.51 0.39 0.00	14.51 0.03 -0.42	12.35 0.05 -0.92	10.50 -0.01 -1.44	10.50 0.03 -1.60	10.54 0.01 -1.84	10.59 -0.05 -2.29	11.15 -0.08 -3.60	13.11 -0.07 -4.48	15.15 -0.11 -4.71	17.58 -0.27 -3.75	18.16 -0.29 -3.33	14.90 -0.16 -3.07	10.50 -0.09 -2.34	8.28 -0.02 -2.20
INDECK___OSWEGO 23783	10.53 -0.20 -0.52	9.80 -0.20 -0.45	9.57 -0.19 -0.44	9.60 -0.19 -0.38	9.59 -0.18 -0.44	10.26 -0.19 -0.47	16.17 -0.29 -0.44	17.70 -0.37 -0.48	16.86 -0.36 -0.18	16.61 -0.36 0.14	13.74 -0.28 0.04	11.35 -0.25 -0.22	9.36 -0.20 -0.49	9.24 -0.20 -0.57	9.18 -0.20 -0.68	9.06 -0.20 -0.90	9.00 -0.18 -1.56	10.45 -0.21 -1.96	12.32 -0.24 -2.02	15.24 -0.32 -1.46	16.04 -0.32 -1.24	12.89 -0.28 -1.18	9.00 -0.18 -0.94	6.91 -0.12 -0.93

INDECK___YERKES 23781	11.17 0.06 -0.91	10.36 0.03 -0.77	10.19 0.11 -0.77	10.15 0.07 -0.66	10.16 0.07 -0.75	10.80 0.00 -0.82	16.65 -0.14 -0.78	17.96 -0.47 -0.85	17.09 -0.46 -0.52	16.87 -0.24 0.00	14.29 -0.13 -0.36	12.14 -0.03 -0.79	10.21 -0.09 -1.23	10.22 -0.02 -1.36	10.21 -0.05 -1.57	10.21 -0.10 -1.95	10.54 -0.15 -3.08	12.37 -0.16 -3.83	14.32 -0.24 -4.02	16.81 -0.49 -3.20	17.37 -0.59 -2.84	14.32 -0.29 -2.62	10.12 -0.12 -2.00	7.96 -0.02 -1.88
INDIAN POINT_GT_1 24139	16.48 0.78 -5.50	14.95 0.72 -4.68	14.66 0.71 -4.65	14.09 0.69 -3.99	14.59 0.69 -4.57	15.67 0.73 -4.96	21.85 1.17 -4.67	23.98 1.30 -5.08	21.54 1.40 -3.11	18.55 1.44 0.00	17.40 1.19 -2.15	17.12 0.99 -4.75	17.28 0.79 -7.41	17.87 0.76 -8.24	18.89 0.77 -9.42	20.85 0.76 -11.73	27.30 0.69 -18.99	33.10 0.77 -23.63	36.33 0.89 -24.90	34.66 1.16 -19.40	33.37 1.18 -17.07	28.67 0.95 -15.73	20.89 0.64 -12.00	17.86 0.48 -11.28
INDIAN POINT_GT_2 23659	16.48 0.78 -5.50	14.95 0.72 -4.68	14.66 0.71 -4.65	14.09 0.69 -3.99	14.59 0.69 -4.57	15.67 0.73 -4.96	21.85 1.17 -4.67	23.98 1.30 -5.08	21.54 1.40 -3.11	18.55 1.44 0.00	17.40 1.19 -2.15	17.12 0.99 -4.75	17.28 0.79 -7.41	17.87 0.76 -8.24	18.89 0.77 -9.42	20.85 0.76 -11.73	27.30 0.69 -18.99	33.10 0.77 -23.63	36.33 0.89 -24.90	34.66 1.16 -19.40	33.37 1.18 -17.07	28.67 0.95 -15.73	20.89 0.64 -12.00	17.86 0.48 -11.28
INDIAN POINT_GT_3 24019	16.48 0.78 -5.50	14.95 0.72 -4.68	14.66 0.71 -4.65	14.09 0.69 -3.99	14.59 0.69 -4.57	15.67 0.73 -4.96	21.85 1.17 -4.67	23.98 1.30 -5.08	21.54 1.40 -3.11	18.55 1.44 0.00	17.40 1.19 -2.15	17.12 0.99 -4.75	17.28 0.79 -7.41	17.87 0.76 -8.24	18.89 0.77 -9.42	20.85 0.76 -11.73	27.30 0.69 -18.99	33.10 0.77 -23.63	36.33 0.89 -24.90	34.66 1.16 -19.40	33.37 1.18 -17.07	28.67 0.95 -15.73	20.89 0.64 -12.00	17.86 0.48 -11.28
INDIAN POINT___2 23530	16.43 0.79 -5.43	14.89 0.71 -4.63	14.61 0.71 -4.59	14.05 0.69 -3.95	14.53 0.69 -4.51	15.61 0.73 -4.91	21.79 1.17 -4.61	23.95 1.32 -5.03	21.53 1.41 -3.08	18.57 1.45 0.00	17.40 1.21 -2.13	17.09 1.00 -4.70	17.21 0.80 -7.34	17.81 0.78 -8.16	18.80 0.77 -9.33	20.73 0.76 -11.62	27.11 0.69 -18.80	32.86 0.77 -23.39	36.09 0.90 -24.65	34.48 1.17 -19.20	33.20 1.18 -16.90	28.51 0.95 -15.58	20.77 0.64 -11.88	17.76 0.49 -11.17
INDIAN POINT___3 23531	16.48 0.78 -5.50	14.95 0.71 -4.68	14.66 0.70 -4.65	14.09 0.68 -4.00	14.58 0.68 -4.57	15.67 0.73 -4.97	21.85 1.17 -4.67	23.98 1.30 -5.09	21.54 1.40 -3.11	18.53 1.42 0.00	17.39 1.18 -2.15	17.11 0.98 -4.75	17.26 0.77 -7.42	17.88 0.76 -8.24	18.88 0.76 -9.43	20.85 0.75 -11.74	27.30 0.69 -19.00	33.10 0.76 -23.64	36.34 0.89 -24.91	34.67 1.16 -19.41	33.36 1.16 -17.08	28.66 0.94 -15.74	20.89 0.63 -12.01	17.87 0.48 -11.29
INGHAM_C_115KV_TB7 356103	10.10 -0.10 0.00	9.47 -0.09 0.00	9.22 -0.09 0.00	9.33 -0.08 0.00	9.24 -0.08 0.00	9.88 -0.10 0.00	15.88 -0.13 0.00	17.43 -0.16 0.00	17.07 -0.14 -0.17	17.16 -0.15 -0.20	14.25 -0.17 -0.35	11.52 -0.19 -0.33	9.17 -0.20 -0.30	8.92 -0.25 -0.29	8.74 -0.27 -0.31	8.39 -0.26 -0.29	7.65 -0.24 -0.27	8.74 -0.27 -0.31	10.60 -0.33 -0.38	14.23 -0.39 -0.52	15.27 -0.39 -0.54	12.13 -0.30 -0.44	8.34 -0.20 -0.29	6.15 -0.15 -0.20
IP CORINTH___1 23988	17.36 0.20 -6.95	15.68 0.21 -5.92	15.38 0.20 -5.87	14.67 0.21 -5.05	15.31 0.21 -5.77	16.51 0.26 -6.27	22.44 0.53 -5.90	24.52 0.55 -6.38	21.39 0.44 -3.91	17.93 0.82 0.00	17.44 0.67 -2.70	17.84 0.51 -5.94	18.76 0.39 -9.30	19.60 0.41 -10.32	20.94 0.39 -11.86	23.33 0.21 -14.77	30.62 0.18 -22.83	37.34 0.27 -28.37	40.60 0.33 -29.73	38.58 0.47 -24.01	37.20 0.62 -21.45	32.18 0.42 -19.78	23.60 0.26 -15.09	20.45 0.16 -14.18
IP___TICONDEROGA 23804	17.79 0.64 -6.94	16.09 0.63 -5.91	15.79 0.61 -5.86	15.08 0.63 -5.04	15.73 0.63 -5.76	16.97 0.73 -6.26	23.29 1.39 -5.89	25.46 1.50 -6.37	22.20 1.26 -3.90	18.67 1.56 0.00	18.04 1.28 -2.70	18.28 0.96 -5.94	19.09 0.73 -9.28	19.93 0.75 -10.31	21.27 0.73 -11.84	23.72 0.62 -14.75	30.96 0.56 -22.79	37.78 0.76 -28.32	41.12 0.90 -29.68	39.32 1.24 -23.98	38.10 1.56 -21.42	32.84 1.10 -19.75	24.00 0.68 -15.07	20.73 0.46 -14.16
ISLIP_RES_REC 323679	20.73 1.21 -9.31	15.36 1.08 -4.72	17.18 1.09 -6.78	14.52 1.08 -4.03	14.97 1.04 -4.61	19.54 1.15 -8.41	25.49 1.86 -7.63	25.69 2.04 -6.06	25.44 2.11 -6.29	19.21 2.10 0.00	24.21 1.70 -8.45	23.32 1.40 -10.54	24.39 1.11 -14.21	25.19 1.10 -15.22	26.20 1.09 -16.42	26.67 1.06 -17.25	27.72 0.98 -19.12	33.61 1.10 -23.81	36.97 1.34 -25.09	39.34 1.75 -23.49	44.15 1.86 -27.17	32.10 1.43 -18.69	26.79 0.98 -17.56	24.42 0.74 -17.57
JAMAICA__27_KV_LOAD 355505	16.71 0.96 -5.54	15.13 0.85 -4.72	14.84 0.85 -4.69	14.26 0.82 -4.03	14.76 0.83 -4.61	15.86 0.88 -5.01	22.16 1.44 -4.71	24.35 1.64 -5.12	21.94 1.77 -3.13	18.89 1.76 -0.02	17.59 1.36 -2.16	18.03 1.14 -5.51	18.38 0.91 -8.40	19.26 0.89 -9.51	19.15 0.89 -9.57	21.07 0.89 -11.83	27.58 0.84 -19.12	33.41 0.91 -23.80	36.67 1.05 -25.08	35.02 1.38 -19.53	33.68 1.38 -17.19	28.92 1.09 -15.84	21.11 0.78 -12.09	18.07 0.60 -11.37
JANIS___SOLAR 323808	12.14 0.47 -1.46	11.25 0.45 -1.25	10.98 0.44 -1.24	10.92 0.44 -1.06	11.00 0.46 -1.22	11.81 0.51 -1.32	18.18 0.93 -1.24	19.81 0.88 -1.34	18.57 0.72 -0.82	17.71 0.60 0.00	14.99 0.36 -0.57	12.86 0.23 -1.25	11.18 0.15 -1.95	11.16 0.12 -2.17	11.30 0.11 -2.49	11.57 0.12 -3.10	12.65 0.15 -4.88	15.02 0.24 -6.07	17.34 0.41 -6.38	19.87 0.69 -5.08	20.49 0.86 -4.51	16.70 0.55 -4.16	11.77 0.35 -3.17	9.35 0.27 -2.98
JARVIS____ 23743	10.24 0.03 0.00	9.58 0.03 0.00	9.35 0.04 0.00	9.44 0.03 0.00	9.36 0.03 0.00	10.01 0.03 0.00	16.06 0.05 0.00	17.65 0.05 0.00	17.25 0.05 -0.17	17.36 0.05 -0.20	14.46 0.04 -0.35	11.75 0.03 -0.33	9.39 0.02 -0.30	9.17 0.01 -0.29	9.01 0.01 -0.31	8.66 0.01 -0.29	7.89 0.01 -0.26	9.02 0.01 -0.31	10.95 0.02 -0.38	14.65 0.03 -0.52	15.71 0.05 -0.54	12.45 0.02 -0.44	8.56 0.02 -0.29	6.32 0.01 -0.20
JENNISON___1 23625	12.58 0.55 -1.83	11.64 0.54 -1.55	11.36 0.51 -1.54	11.25 0.51 -1.33	11.38 0.53 -1.52	12.22 0.59 -1.65	18.62 1.06 -1.55	20.29 1.02 -1.68	19.00 0.94 -1.03	17.97 0.86 0.00	15.43 0.66 -0.71	13.42 0.48 -1.56	11.85 0.34 -2.44	11.88 0.30 -2.71	12.10 0.30 -3.11	12.52 0.29 -3.87	14.01 0.30 -6.10	16.64 0.36 -7.59	19.02 0.51 -7.97	21.25 0.80 -6.34	21.71 0.95 -5.63	17.81 0.64 -5.19	12.62 0.41 -3.96	10.14 0.32 -3.72
JENNISON___2 23626	12.58 0.55 -1.83	11.64 0.54 -1.55	11.36 0.51 -1.54	11.25 0.51 -1.33	11.38 0.53 -1.52	12.22 0.59 -1.65	18.62 1.06 -1.55	20.29 1.02 -1.68	19.00 0.94 -1.03	17.97 0.86 0.00	15.43 0.66 -0.71	13.42 0.48 -1.56	11.85 0.34 -2.44	11.88 0.30 -2.71	12.10 0.30 -3.11	12.52 0.29 -3.87	14.01 0.30 -6.10	16.64 0.36 -7.59	19.02 0.51 -7.97	21.25 0.80 -6.34	21.71 0.95 -5.63	17.81 0.64 -5.19	12.62 0.41 -3.96	10.14 0.32 -3.72

JERICO_RISE_WT_PWR 323719	9.92 -0.29 0.00	9.32 -0.24 0.00	9.04 -0.27 0.00	9.15 -0.26 0.00	9.04 -0.29 0.00	9.65 -0.33 0.00	15.37 -0.64 0.00	16.92 -0.67 0.00	12.28 -0.92 3.84	11.38 -1.11 4.62	4.73 -1.11 8.22	-0.18 -0.89 10.68	-0.54 -0.71 8.91	-0.55 -0.67 8.75	-0.51 -0.65 8.55	-0.51 -0.63 8.24	-0.53 -0.57 7.58	-0.51 -0.63 8.57	-0.48 -0.78 10.25	-0.43 -1.02 13.52	-0.47 -1.10 14.49	-0.45 -0.87 11.56	-0.51 -0.61 8.15	-0.55 -0.46 6.19
KATONAH__115KV_46KV_TB4 355592	16.62 0.82 -5.60	15.10 0.77 -4.77	14.81 0.76 -4.73	14.22 0.74 -4.07	14.72 0.74 -4.65	15.81 0.78 -5.06	22.03 1.26 -4.76	24.16 1.41 -5.16	21.62 1.43 -3.15	18.51 1.40 0.00	17.42 1.18 -2.18	17.16 0.98 -4.79	17.33 0.77 -7.49	17.95 0.75 -8.32	19.03 0.77 -9.56	21.06 0.80 -11.90	27.60 0.73 -19.25	33.50 0.84 -23.96	36.73 0.94 -25.24	35.01 1.23 -19.68	33.65 1.21 -17.32	28.92 0.97 -15.97	21.07 0.64 -12.18	18.03 0.48 -11.45
KCE_NY_1 323755	17.59 0.46 -6.92	15.89 0.44 -5.90	15.60 0.44 -5.85	14.88 0.44 -5.03	15.52 0.44 -5.75	16.72 0.49 -6.25	22.74 0.85 -5.88	24.85 0.90 -6.36	21.73 0.80 -3.90	17.88 0.77 0.00	17.39 0.63 -2.69	17.80 0.49 -5.92	18.72 0.38 -9.26	19.55 0.39 -10.29	20.90 0.38 -11.82	23.46 0.38 -14.72	30.69 0.34 -22.73	37.39 0.44 -28.25	40.71 0.53 -29.64	38.78 0.72 -23.96	37.38 0.85 -21.41	32.36 0.63 -19.74	23.74 0.43 -15.06	20.55 0.29 -14.15
KCE_NY_6_ESR 323823	11.25 0.08 -0.96	10.42 0.05 -0.82	10.25 0.13 -0.81	10.20 0.09 -0.70	10.22 0.09 -0.80	10.88 0.03 -0.87	16.77 -0.06 -0.83	18.13 -0.35 -0.89	17.24 -0.34 -0.55	17.06 -0.05 0.00	14.38 -0.06 -0.38	12.23 0.01 -0.83	10.33 -0.05 -1.30	10.34 0.03 -1.44	10.35 -0.01 -1.66	10.36 -0.06 -2.06	10.76 -0.11 -3.25	12.63 -0.11 -4.04	14.61 -0.18 -4.25	17.08 -0.41 -3.38	17.64 -0.48 -3.00	14.53 -0.23 -2.77	10.26 -0.10 -2.11	8.08 -0.01 -1.98
KEDC_PORT_JEFF_GT2 24210	20.67 1.15 -9.31	15.31 1.03 -4.72	17.14 1.04 -6.78	14.48 1.04 -4.03	14.91 0.98 -4.61	19.48 1.09 -8.41	25.40 1.76 -7.63	25.59 1.94 -6.06	25.34 2.01 -6.29	19.13 2.02 0.00	24.13 1.62 -8.45	23.27 1.34 -10.54	24.35 1.06 -14.21	25.14 1.05 -15.22	26.15 1.03 -16.42	26.62 1.01 -17.25	27.67 0.93 -19.12	33.54 1.03 -23.81	36.88 1.25 -25.08	39.23 1.64 -23.49	43.88 1.72 -27.03	32.00 1.33 -18.68	26.73 0.92 -17.56	24.38 0.71 -17.57
KEDC_PORT_JEFF_GT3 24211	20.67 1.15 -9.31	15.31 1.03 -4.72	17.14 1.04 -6.78	14.48 1.04 -4.03	14.91 0.98 -4.61	19.48 1.09 -8.41	25.40 1.76 -7.63	25.59 1.94 -6.06	25.34 2.01 -6.29	19.13 2.02 0.00	24.13 1.62 -8.45	23.27 1.34 -10.54	24.35 1.06 -14.21	25.14 1.05 -15.22	26.15 1.03 -16.42	26.62 1.01 -17.25	27.67 0.93 -19.12	33.54 1.03 -23.81	36.88 1.25 -25.08	39.23 1.64 -23.49	43.88 1.72 -27.03	32.00 1.33 -18.68	26.73 0.92 -17.56	24.38 0.71 -17.57
KEDC_GLWD_GT4 24219	20.51 0.99 -9.31	15.17 0.89 -4.72	16.98 0.88 -6.78	14.31 0.87 -4.03	14.79 0.86 -4.61	19.32 0.93 -8.41	25.13 1.49 -7.63	25.29 1.64 -6.06	25.07 1.74 -6.29	18.89 1.78 0.00	24.00 1.49 -8.45	23.15 1.23 -10.54	24.26 0.97 -14.21	25.04 0.95 -15.22	26.07 0.96 -16.42	26.54 0.93 -17.25	27.57 0.83 -19.12	33.43 0.92 -23.80	36.72 1.10 -25.08	39.03 1.44 -23.48	43.24 1.47 -26.65	31.83 1.16 -18.68	26.60 0.79 -17.56	24.28 0.60 -17.57
KEDC_GLWD_GT5 24220	20.51 0.99 -9.31	15.17 0.89 -4.72	16.98 0.88 -6.78	14.31 0.87 -4.03	14.79 0.86 -4.61	19.32 0.93 -8.41	25.13 1.49 -7.63	25.29 1.64 -6.06	25.07 1.74 -6.29	18.89 1.78 0.00	24.00 1.49 -8.45	23.15 1.23 -10.54	24.26 0.97 -14.21	25.04 0.95 -15.22	26.07 0.96 -16.42	26.54 0.93 -17.25	27.57 0.83 -19.12	33.43 0.92 -23.80	36.72 1.10 -25.08	39.03 1.44 -23.48	43.24 1.47 -26.65	31.83 1.16 -18.68	26.60 0.79 -17.56	24.28 0.60 -17.57
KENSICO____ 23655	16.55 0.81 -5.54	15.00 0.74 -4.71	14.71 0.73 -4.68	14.14 0.71 -4.02	14.64 0.71 -4.60	15.74 0.76 -5.00	21.93 1.22 -4.70	24.06 1.35 -5.11	21.61 1.45 -3.12	18.58 1.47 0.00	17.45 1.22 -2.16	17.18 1.01 -4.78	17.34 0.81 -7.46	17.96 0.79 -8.29	18.96 0.79 -9.48	20.93 0.78 -11.80	27.42 0.71 -19.10	33.26 0.78 -23.77	36.51 0.92 -25.05	34.81 1.20 -19.51	33.50 1.21 -17.17	28.78 0.97 -15.82	20.97 0.65 -12.07	17.95 0.50 -11.35
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	16.03 0.82 -5.00	14.54 0.73 -4.26	14.25 0.71 -4.23	13.74 0.69 -3.64	14.18 0.69 -4.16	15.24 0.74 -4.52	21.51 1.25 -4.25	23.52 1.34 -4.59	21.22 1.38 -2.80	18.45 1.33 0.00	17.13 1.12 -1.94	16.58 0.93 -4.26	16.39 0.65 -6.67	16.91 0.64 -7.40	17.83 0.63 -8.50	19.58 0.64 -10.59	25.22 0.62 -16.98	30.53 0.70 -21.13	33.70 0.91 -22.25	32.79 1.23 -17.46	31.76 1.22 -15.41	27.21 1.02 -14.20	19.76 0.67 -10.84	16.78 0.49 -10.18
KIAC_JFK_GT1 23816	16.65 0.90 -5.54	15.08 0.80 -4.72	14.79 0.79 -4.69	14.21 0.77 -4.03	14.71 0.77 -4.61	15.81 0.83 -5.01	22.06 1.35 -4.71	24.24 1.53 -5.12	21.83 1.67 -3.13	18.79 1.66 -0.02	17.53 1.31 -2.16	17.96 1.07 -5.51	18.32 0.85 -8.40	19.21 0.83 -9.50	19.11 0.84 -9.57	21.01 0.83 -11.83	27.52 0.78 -19.12	33.32 0.82 -23.80	36.56 0.94 -25.07	34.86 1.23 -19.53	33.53 1.22 -17.18	28.80 0.97 -15.84	21.06 0.73 -12.09	18.03 0.57 -11.36
KIAC_JFK_GT2 23817	16.65 0.90 -5.54	15.08 0.80 -4.72	14.79 0.79 -4.69	14.21 0.77 -4.03	14.71 0.77 -4.61	15.81 0.83 -5.01	22.06 1.35 -4.71	24.24 1.53 -5.12	21.83 1.67 -3.13	18.79 1.66 -0.02	17.53 1.31 -2.16	17.96 1.07 -5.51	18.32 0.85 -8.40	19.21 0.83 -9.50	19.11 0.84 -9.57	21.01 0.83 -11.83	27.52 0.78 -19.12	33.32 0.82 -23.80	36.56 0.94 -25.07	34.86 1.23 -19.53	33.53 1.22 -17.18	28.80 0.97 -15.84	21.06 0.73 -12.09	18.03 0.57 -11.36
KIAC_JFK____ 323774	16.65 0.90 -5.54	15.08 0.80 -4.72	14.79 0.79 -4.69	14.21 0.77 -4.03	14.71 0.77 -4.61	15.81 0.83 -5.01	22.06 1.35 -4.71	24.24 1.53 -5.12	21.83 1.67 -3.13	18.79 1.66 -0.02	17.53 1.31 -2.16	17.96 1.07 -5.51	18.32 0.85 -8.40	19.21 0.83 -9.50	19.11 0.84 -9.57	21.01 0.83 -11.83	27.52 0.78 -19.12	33.32 0.82 -23.80	36.56 0.94 -25.07	34.86 1.23 -19.53	33.53 1.22 -17.18	28.80 0.97 -15.84	21.06 0.73 -12.09	18.03 0.57 -11.36
KINTIGH____ 23543	11.01 -0.01 -0.81	10.23 -0.02 -0.69	10.04 0.05 -0.69	10.02 0.02 -0.59	10.02 0.02 -0.68	10.68 -0.03 -0.73	16.55 -0.16 -0.69	17.89 -0.46 -0.75	17.07 -0.43 -0.46	16.84 -0.27 0.00	14.28 -0.10 -0.32	12.05 -0.03 -0.70	10.09 -0.07 -1.09	10.07 -0.02 -1.21	10.05 -0.04 -1.39	10.02 -0.08 -1.73	10.23 -0.12 -2.73	11.98 -0.12 -3.39	13.92 -0.19 -3.57	16.55 -0.39 -2.84	17.17 -0.47 -2.52	14.08 -0.23 -2.32	9.92 -0.10 -1.77	7.76 -0.01 -1.67
KNTFSRNC_46_KV_46KV_LOAD 80397	10.04 -0.16 0.00	9.43 -0.12 0.00	9.14 -0.17 0.00	9.27 -0.14 0.00	9.15 -0.18 0.00	9.78 -0.20 0.00	15.58 -0.43 0.00	17.15 -0.44 0.00	12.39 -0.75 3.90	11.49 -0.92 4.69	4.73 -0.98 8.35	0.00 -0.74 10.65	-0.42 -0.57 8.92	-0.42 -0.53 8.76	-0.41 -0.51 8.59	-0.42 -0.50 8.28	-0.44 -0.45 7.60	-0.40 -0.49 8.62	-0.37 -0.59 10.32	-0.30 -0.78 13.63	-0.31 -0.85 14.58	-0.34 -0.67 11.65	-0.42 -0.48 8.19	-0.46 -0.37 6.19

LACHUTE____HYDRO 323717	17.79 0.64 -6.94	16.09 0.63 -5.91	15.79 0.61 -5.86	15.08 0.63 -5.04	15.73 0.63 -5.76	16.97 0.73 -6.26	23.29 1.39 -5.89	25.46 1.49 -6.37	22.20 1.26 -3.90	18.28 1.16 0.00	17.72 0.96 -2.70	18.02 0.69 -5.94	18.89 0.54 -9.28	19.73 0.55 -10.31	21.07 0.53 -11.84	23.71 0.61 -14.75	30.96 0.56 -22.79	37.78 0.76 -28.32	41.15 0.90 -29.72	39.35 1.24 -24.01	38.15 1.57 -21.45	32.86 1.10 -19.78	24.02 0.68 -15.09	20.74 0.46 -14.18
LAWRNCAV_115KV_TB1 80681	9.66 -0.54 0.00	9.08 -0.48 0.00	8.80 -0.51 0.00	8.91 -0.50 0.00	8.83 -0.49 0.00	9.47 -0.51 0.00	15.18 -0.83 0.00	16.69 -0.90 0.00	12.73 -1.04 3.27	12.10 -1.08 3.93	6.09 -0.98 6.99	4.52 -0.76 6.10	2.78 -0.61 5.68	2.77 -0.58 5.53	2.25 -0.56 5.89	2.22 -0.53 5.61	2.12 -0.46 5.03	2.29 -0.52 5.89	2.54 -0.63 7.37	3.32 -0.80 9.98	3.91 -0.85 10.37	2.80 -0.68 8.51	2.24 -0.49 5.53	1.92 -0.37 3.81
LEDERLE____ 23769	16.39 0.83 -5.35	14.87 0.75 -4.56	14.58 0.74 -4.52	14.03 0.72 -3.89	14.50 0.73 -4.45	15.58 0.77 -4.83	21.82 1.26 -4.55	23.96 1.41 -4.96	21.56 1.50 -3.03	18.63 1.52 0.00	17.42 1.27 -2.09	17.05 1.05 -4.62	17.13 0.83 -7.22	17.71 0.82 -8.02	18.69 0.81 -9.18	20.59 0.80 -11.44	26.86 0.74 -18.50	32.55 0.83 -23.03	35.76 0.96 -24.26	34.28 1.27 -18.91	33.05 1.29 -16.64	28.36 1.03 -15.34	20.64 0.68 -11.70	17.62 0.52 -11.00
LIGHTHSE_115KV_TB6 355974	10.57 -0.11 -0.47	9.85 -0.11 -0.40	9.61 -0.10 -0.40	9.65 -0.10 -0.34	9.63 -0.09 -0.39	10.32 -0.09 -0.43	16.32 -0.10 -0.40	17.85 -0.18 -0.44	16.80 -0.20 0.03	16.52 -0.24 0.36	13.40 -0.21 0.45	11.05 -0.20 0.13	9.04 -0.16 -0.13	8.91 -0.18 -0.21	8.80 -0.17 -0.28	8.69 -0.17 -0.50	8.61 -0.14 -1.14	9.97 -0.17 -1.44	11.77 -0.18 -1.41	14.66 -0.20 -0.75	15.51 -0.15 -0.54	12.39 -0.18 -0.59	8.69 -0.10 -0.54	6.66 -0.07 -0.63
LINDEN COGEN____ 23786	16.64 0.89 -5.54	15.07 0.79 -4.72	14.79 0.79 -4.69	14.21 0.77 -4.03	14.71 0.77 -4.61	15.79 0.81 -5.01	22.02 1.30 -4.71	24.17 1.46 -5.12	21.75 1.58 -3.13	18.79 1.66 -0.02	17.60 1.38 -2.16	18.04 1.15 -5.51	18.37 0.90 -8.40	19.26 0.89 -9.50	19.15 0.89 -9.57	21.05 0.86 -11.83	27.50 0.76 -19.12	33.32 0.82 -23.80	36.56 0.94 -25.07	34.86 1.23 -19.53	33.55 1.24 -17.18	28.84 1.01 -15.84	21.04 0.70 -12.09	18.02 0.55 -11.36
LINDHRST_69_KV_BK1 356055	20.66 1.14 -9.31	15.30 1.02 -4.72	17.13 1.03 -6.78	14.43 0.99 -4.03	14.92 0.98 -4.61	19.47 1.08 -8.41	25.37 1.73 -7.63	25.55 1.90 -6.06	25.32 1.99 -6.29	19.08 1.97 0.00	24.11 1.60 -8.45	23.24 1.32 -10.54	24.33 1.04 -14.21	25.12 1.03 -15.22	26.13 1.02 -16.42	26.61 0.99 -17.25	27.64 0.90 -19.12	33.51 1.00 -23.81	36.85 1.22 -25.09	39.20 1.61 -23.49	43.73 1.69 -26.91	31.98 1.31 -18.69	26.73 0.92 -17.56	24.37 0.70 -17.57
LIPA_MISC_IPP 23656	20.61 1.09 -9.31	15.24 0.96 -4.72	17.08 0.99 -6.78	14.40 0.96 -4.03	14.86 0.92 -4.61	19.42 1.03 -8.41	25.30 1.67 -7.63	25.48 1.83 -6.06	25.24 1.91 -6.29	18.98 1.87 0.00	24.02 1.50 -8.45	23.17 1.25 -10.54	24.28 0.99 -14.21	25.07 0.98 -15.22	26.08 0.97 -16.42	26.56 0.94 -17.25	27.62 0.88 -19.12	33.49 0.98 -23.81	36.82 1.19 -25.08	39.16 1.57 -23.49	43.87 1.66 -27.08	31.94 1.27 -18.69	26.69 0.87 -17.56	24.34 0.67 -17.57
LISF____SOLAR 323691	20.62 1.10 -9.31	15.25 0.98 -4.72	17.08 0.99 -6.78	14.43 0.99 -4.03	14.87 0.93 -4.61	19.43 1.04 -8.41	25.32 1.68 -7.63	25.50 1.85 -6.06	25.25 1.92 -6.29	19.01 1.90 0.00	24.04 1.53 -8.45	23.19 1.26 -10.54	24.28 1.00 -14.21	25.07 0.98 -15.22	26.10 0.98 -16.42	26.56 0.95 -17.25	27.62 0.88 -19.12	33.50 0.99 -23.81	36.84 1.21 -25.09	39.17 1.58 -23.49	43.90 1.69 -27.09	31.95 1.28 -18.68	26.69 0.88 -17.56	24.35 0.67 -17.57
LITTLE FALLS____HYD 24013	10.10 -0.10 0.00	9.47 -0.09 0.00	9.22 -0.09 0.00	9.33 -0.08 0.00	9.24 -0.08 0.00	9.88 -0.10 0.00	15.88 -0.13 0.00	17.43 -0.16 0.00	17.07 -0.14 -0.17	17.16 -0.15 -0.35	14.25 -0.17 -0.33	11.52 -0.19 -0.30	9.17 -0.20 -0.30	8.92 -0.25 -0.29	8.74 -0.27 -0.31	8.39 -0.26 -0.29	7.65 -0.24 -0.27	8.74 -0.27 -0.31	10.60 -0.33 -0.38	14.23 -0.39 -0.52	15.27 -0.39 -0.54	12.13 -0.30 -0.44	8.34 -0.20 -0.29	6.15 -0.15 -0.20
LITTLRIV_115KV_TB1 356100	9.72 -0.49 0.00	9.13 -0.42 0.00	8.84 -0.47 0.00	8.96 -0.45 0.00	8.88 -0.45 0.00	9.54 -0.44 0.00	15.31 -0.70 0.00	16.82 -0.77 0.00	12.90 -0.94 3.20	12.29 -0.98 3.84	6.31 -0.91 6.84	4.75 -0.72 5.92	2.98 -0.56 5.53	2.95 -0.54 5.38	2.44 -0.52 5.74	2.39 -0.49 5.47	2.29 -0.43 4.90	2.49 -0.48 5.74	2.79 -0.57 7.19	3.67 -0.69 9.74	4.28 -0.73 10.11	3.08 -0.60 8.30	2.44 -0.43 5.38	2.06 -0.34 3.71
LI_NEWBRDGE____DRP 323616	20.52 1.00 -9.31	15.17 0.89 -4.72	16.99 0.89 -6.78	14.30 0.86 -4.03	14.78 0.85 -4.61	19.32 0.93 -8.41	25.14 1.51 -7.63	25.31 1.65 -6.06	25.08 1.75 -6.29	18.86 1.75 0.00	23.95 1.43 -8.45	23.11 1.18 -10.54	24.23 0.94 -14.21	25.01 0.92 -15.22	26.03 0.91 -16.42	26.50 0.89 -17.25	27.53 0.79 -19.12	33.37 0.86 -23.80	36.67 1.04 -25.08	38.96 1.37 -23.48	43.16 1.39 -26.65	31.78 1.11 -18.68	26.60 0.79 -17.56	24.29 0.61 -17.57
LOCKPORT_115KV_TB60_63_64 80432	11.02 -0.06 -0.87	10.22 -0.08 -0.74	10.06 0.01 -0.74	10.02 -0.03 -0.63	10.02 -0.03 -0.72	10.66 -0.11 -0.79	16.43 -0.34 -0.75	17.70 -0.70 -0.82	16.85 -0.68 -0.50	16.61 -0.50 0.00	14.14 -0.27 -0.34	11.98 -0.16 -0.76	10.08 -0.18 -1.19	10.08 -0.11 -1.32	10.07 -0.14 -1.51	10.06 -0.18 -1.88	10.34 -0.24 -2.97	12.14 -0.25 -3.69	14.06 -0.36 -3.88	16.54 -0.65 -3.09	17.11 -0.76 -2.74	14.09 -0.42 -2.53	9.97 -0.21 -1.93	7.84 -0.07 -1.81
LOCKPORT____CC1 323769	11.03 -0.05 -0.88	10.24 -0.07 -0.75	10.07 0.02 -0.74	10.03 -0.02 -0.64	10.04 -0.02 -0.73	10.68 -0.09 -0.79	16.47 -0.30 -0.76	17.73 -0.69 -0.82	16.87 -0.66 -0.50	16.67 -0.44 0.00	14.13 -0.28 -0.35	11.99 -0.16 -0.76	10.08 -0.18 -1.19	10.09 -0.11 -1.33	10.08 -0.14 -1.52	10.09 -0.17 -1.90	10.38 -0.23 -2.99	12.17 -0.24 -3.72	14.10 -0.35 -3.91	16.58 -0.63 -3.11	17.14 -0.74 -2.76	14.12 -0.41 -2.54	9.99 -0.20 -1.94	7.86 -0.07 -1.82
LOCKPORT____CC2 323770	11.03 -0.05 -0.88	10.24 -0.07 -0.75	10.07 0.02 -0.74	10.03 -0.02 -0.64	10.04 -0.02 -0.73	10.68 -0.09 -0.79	16.47 -0.30 -0.76	17.73 -0.69 -0.82	16.87 -0.66 -0.50	16.67 -0.44 0.00	14.13 -0.28 -0.35	11.99 -0.16 -0.76	10.08 -0.18 -1.19	10.09 -0.11 -1.33	10.08 -0.14 -1.52	10.09 -0.17 -1.90	10.38 -0.23 -2.99	12.17 -0.24 -3.72	14.10 -0.35 -3.91	16.58 -0.63 -3.11	17.14 -0.74 -2.76	14.12 -0.41 -2.54	9.99 -0.20 -1.94	7.86 -0.07 -1.82
LOCKPORT____CC3 323771	11.03 -0.05 -0.88	10.24 -0.07 -0.75	10.07 0.02 -0.74	10.03 -0.02 -0.64	10.04 -0.02 -0.73	10.68 -0.09 -0.79	16.47 -0.30 -0.76	17.73 -0.69 -0.82	16.87 -0.66 -0.50	16.67 -0.44 0.00	14.13 -0.28 -0.35	11.99 -0.16 -0.76	10.08 -0.18 -1.19	10.09 -0.11 -1.33	10.08 -0.14 -1.52	10.09 -0.17 -1.90	10.38 -0.23 -2.99	12.17 -0.24 -3.72	14.10 -0.35 -3.91	16.58 -0.63 -3.11	17.14 -0.74 -2.76	14.12 -0.41 -2.54	9.99 -0.20 -1.94	7.86 -0.07 -1.82

LONG_LAKE_PHOENIX 24014	10.57 -0.17 -0.53	9.84 -0.17 -0.46	9.60 -0.16 -0.45	9.64 -0.16 -0.39	9.61 -0.16 -0.44	10.30 -0.16 -0.48	16.24 -0.22 -0.45	17.78 -0.30 -0.49	17.03 -0.31 -0.30	16.80 -0.31 0.00	14.04 -0.22 -0.21	11.65 -0.19 -0.45	9.63 -0.15 -0.71	9.50 -0.16 -0.79	9.44 -0.17 -0.91	9.32 -0.17 -1.13	9.25 -0.15 -1.78	10.75 -0.17 -2.22	12.68 -0.19 -2.33	15.70 -0.25 -1.85	16.51 -0.26 -1.65	13.28 -0.23 -1.52	9.26 -0.15 -1.16	7.09 -0.10 -1.09
LOVETT___3 23632	16.37 0.80 -5.37	14.86 0.73 -4.58	14.57 0.72 -4.54	14.01 0.70 -3.90	14.49 0.70 -4.46	15.57 0.74 -4.85	21.77 1.20 -4.56	23.90 1.34 -4.98	21.51 1.43 -3.04	18.57 1.45 0.00	17.37 1.21 -2.10	17.03 1.00 -4.64	17.12 0.80 -7.25	17.71 0.78 -8.06	18.69 0.77 -9.22	20.61 0.77 -11.48	26.90 0.71 -18.57	32.60 0.78 -23.12	35.82 0.92 -24.36	34.29 1.20 -18.98	33.04 1.21 -16.70	28.37 0.98 -15.40	20.65 0.65 -11.75	17.64 0.49 -11.04
LOVETT___4 23642	16.37 0.80 -5.37	14.86 0.73 -4.58	14.57 0.72 -4.54	14.01 0.70 -3.90	14.49 0.70 -4.46	15.57 0.74 -4.85	21.77 1.20 -4.56	23.90 1.34 -4.98	21.51 1.43 -3.04	18.57 1.45 0.00	17.37 1.21 -2.10	17.03 1.00 -4.64	17.12 0.80 -7.25	17.71 0.78 -8.06	18.69 0.77 -9.22	20.61 0.77 -11.48	26.90 0.71 -18.57	32.60 0.78 -23.12	35.82 0.92 -24.36	34.29 1.20 -18.98	33.04 1.21 -16.70	28.37 0.98 -15.40	20.65 0.65 -11.75	17.64 0.49 -11.04
LOVETT___5 23593	16.37 0.80 -5.37	14.86 0.73 -4.58	14.57 0.72 -4.54	14.01 0.70 -3.90	14.49 0.70 -4.46	15.57 0.74 -4.85	21.77 1.20 -4.56	23.90 1.34 -4.98	21.51 1.43 -3.04	18.57 1.45 0.00	17.37 1.21 -2.10	17.03 1.00 -4.64	17.12 0.80 -7.25	17.71 0.78 -8.06	18.69 0.77 -9.22	20.61 0.77 -11.48	26.90 0.71 -18.57	32.60 0.78 -23.12	35.82 0.92 -24.36	34.29 1.20 -18.98	33.04 1.21 -16.70	28.37 0.98 -15.40	20.65 0.65 -11.75	17.64 0.49 -11.04
LOWER_RAQUET___HYD 24057	9.60 -0.60 0.00	9.02 -0.53 0.00	8.74 -0.57 0.00	8.86 -0.56 0.00	8.78 -0.55 0.00	9.41 -0.57 0.00	15.08 -0.93 0.00	16.59 -1.00 0.00	12.74 -1.14 3.15	12.12 -1.20 3.79	6.23 -1.08 6.74	4.73 -0.85 5.80	2.97 -0.67 5.43	2.95 -0.64 5.28	2.43 -0.63 5.64	2.38 -0.59 5.38	2.28 -0.53 4.81	2.48 -0.58 5.64	2.76 -0.71 7.07	3.63 -0.89 9.59	4.23 -0.94 9.95	3.06 -0.75 8.18	2.42 -0.54 5.30	2.05 -0.42 3.64
LOWER___HUDSON 24059	17.38 0.40 -6.78	15.70 0.37 -5.77	15.40 0.36 -5.73	14.70 0.37 -4.93	15.33 0.37 -5.63	16.50 0.40 -6.12	22.42 0.66 -5.76	24.51 0.69 -6.23	21.52 0.66 -3.82	17.76 0.65 0.00	17.25 0.55 -2.64	17.62 0.43 -5.80	18.49 0.34 -9.07	19.29 0.35 -10.08	20.60 0.33 -11.57	23.09 0.32 -14.41	30.03 0.28 -22.13	36.53 0.34 -27.49	39.80 0.42 -28.83	38.09 0.56 -23.42	36.71 0.62 -20.97	31.81 0.49 -19.33	23.34 0.35 -14.75	20.19 0.23 -13.86
LOWVILLE_115KV_TB2 356335	10.38 -0.06 -0.24	9.72 -0.04 -0.20	9.44 -0.07 -0.20	9.52 -0.07 -0.17	9.48 -0.05 -0.20	10.16 -0.03 -0.21	16.21 0.00 -0.20	17.76 -0.05 -0.22	16.23 -0.15 0.65	15.91 -0.26 0.94	12.07 -0.41 1.58	9.78 -0.39 1.22	7.74 -0.32 1.02	7.60 -0.33 0.95	7.39 -0.32 0.99	7.24 -0.29 0.82	7.00 -0.23 0.39	8.06 -0.24 0.40	9.58 -0.25 0.71	12.35 -0.21 1.54	13.26 -0.14 1.72	10.45 -0.19 1.34	7.31 -0.15 0.79	5.58 -0.12 0.41
LUTHERFT_115KV_GLOB_FND_222 355753	17.59 0.46 -6.92	15.89 0.44 -5.90	15.59 0.43 -5.85	14.88 0.43 -5.03	15.52 0.44 -5.75	16.71 0.48 -6.25	22.72 0.83 -5.88	24.83 0.88 -6.36	21.72 0.78 -3.90	18.00 0.89 0.00	17.49 0.73 -2.69	17.88 0.57 -5.92	18.78 0.44 -9.26	19.61 0.45 -10.29	20.96 0.44 -11.82	23.45 0.38 -14.72	30.69 0.34 -22.73	37.38 0.44 -28.24	40.67 0.53 -29.60	38.75 0.72 -23.93	37.34 0.83 -21.38	32.33 0.64 -19.71	23.72 0.43 -15.04	20.53 0.29 -14.13
LUTHERNY_35_KV_BK2 355980	17.59 0.46 -6.92	15.89 0.44 -5.90	15.60 0.44 -5.85	14.88 0.44 -5.03	15.52 0.44 -5.75	16.72 0.49 -6.25	22.74 0.85 -5.88	24.85 0.90 -6.36	21.73 0.80 -3.90	18.00 0.89 0.00	17.50 0.75 -2.69	17.89 0.58 -5.92	18.79 0.45 -9.26	19.62 0.46 -10.29	20.96 0.44 -11.82	23.46 0.38 -14.72	30.69 0.34 -22.73	37.39 0.44 -28.24	40.67 0.53 -29.60	38.75 0.72 -23.93	37.35 0.85 -21.38	32.33 0.64 -19.71	23.72 0.43 -15.04	20.53 0.29 -14.13
LWR___OSWEGATCHIE_HYD 23850	10.00 -0.38 -0.18	9.37 -0.33 -0.15	9.09 -0.36 -0.15	9.19 -0.35 -0.13	9.13 -0.35 -0.15	9.80 -0.34 -0.16	15.60 -0.56 -0.15	17.14 -0.62 -0.16	14.31 -0.75 1.98	13.79 -0.82 2.50	8.86 -0.82 4.38	7.04 -0.67 3.67	5.19 -0.54 3.34	5.12 -0.53 3.22	4.77 -0.51 3.42	4.70 -0.48 3.17	4.62 -0.41 2.58	5.26 -0.46 2.98	6.12 -0.53 3.89	7.79 -0.61 5.71	8.50 -0.60 6.02	6.58 -0.52 4.89	4.77 -0.37 3.11	3.78 -0.29 2.04
LYONS_FALL_HYD 23570	10.44 0.01 -0.22	9.76 0.02 -0.19	9.51 0.01 -0.19	9.58 0.01 -0.16	9.53 0.02 -0.19	10.21 0.03 -0.20	16.30 0.10 -0.19	17.87 0.07 -0.21	16.72 0.02 0.33	16.50 -0.07 0.55	12.99 -0.18 0.89	10.57 -0.19 0.62	8.43 -0.17 0.47	8.28 -0.18 0.41	8.10 -0.17 0.42	7.91 -0.16 0.29	7.57 -0.11 -0.07	8.71 -0.12 -0.13	10.41 -0.11 0.03	13.48 -0.03 0.59	14.42 0.03 0.73	11.41 -0.05 0.53	7.94 -0.05 0.27	6.01 -0.04 0.06
MADISON___COUNTY_LFGE 323628	10.76 0.18 -0.37	10.04 0.17 -0.31	9.79 0.17 -0.31	9.85 0.17 -0.27	9.81 0.18 -0.31	10.51 0.20 -0.33	16.69 0.37 -0.31	18.30 0.37 -0.34	17.55 0.31 -0.21	17.37 0.26 0.00	14.39 0.18 -0.14	11.83 0.13 -0.31	9.65 0.09 -0.49	9.49 0.07 -0.55	9.39 0.07 -0.63	9.21 0.08 -0.78	8.94 0.09 -1.23	10.35 0.11 -1.53	12.32 0.17 -1.61	15.70 0.31 -1.28	16.65 0.39 -1.14	13.28 0.24 -1.05	9.21 0.16 -0.80	6.97 0.12 -0.75
MALONE___115KV_TB1 356076	9.91 -0.30 0.00	9.31 -0.25 0.00	9.01 -0.30 0.00	9.14 -0.27 0.00	9.03 -0.30 0.00	9.67 -0.31 0.00	15.42 -0.59 0.00	16.98 -0.62 0.00	12.50 -0.87 3.66	11.71 -0.99 4.41	5.21 -1.01 7.84	5.19 -0.81 5.39	2.98 -0.64 5.45	3.00 -0.60 5.27	2.18 -0.59 5.93	2.17 -0.57 5.62	2.16 -0.51 4.95	2.23 -0.56 5.92	2.26 -0.67 7.61	2.76 -0.89 10.45	3.49 -0.95 10.68	2.33 -0.76 8.90	2.20 -0.54 5.51	2.11 -0.42 3.57
MAPLEWOD_115KV_TB3 80458	17.36 0.41 -6.75	15.69 0.39 -5.75	15.40 0.39 -5.70	14.72 0.40 -4.90	15.33 0.39 -5.61	16.49 0.42 -6.09	22.43 0.69 -5.73	24.51 0.72 -6.20	21.53 0.70 -3.80	17.81 0.70 0.00	17.28 0.59 -2.63	17.63 0.47 -5.77	18.47 0.37 -9.03	19.27 0.37 -10.03	20.57 0.36 -11.52	23.03 0.33 -14.34	30.06 0.30 -22.14	36.60 0.38 -27.51	39.86 0.46 -28.86	38.06 0.62 -23.34	36.68 0.70 -20.86	31.76 0.54 -19.23	23.29 0.37 -14.67	20.14 0.26 -13.79
MAPLE_RIDGE_WT_1 323574	9.95 -0.25 0.00	9.32 -0.23 0.00	9.09 -0.22 0.00	9.19 -0.23 0.00	9.10 -0.22 0.00	9.73 -0.25 0.00	15.58 -0.43 0.00	17.13 -0.46 0.00	19.80 -0.48 -3.24	20.46 -0.55 -3.89	20.42 -0.56 -6.92	-4.08 -0.53 14.93	-5.02 -0.48 13.61	-4.90 -0.51 13.27	-5.72 -0.51 13.91	-5.43 -0.49 13.29	-4.79 -0.45 11.96	-5.73 -0.51 13.92	-7.36 -0.62 17.28	-10.00 -0.80 23.30	-10.00 -0.79 24.34	-8.59 -0.70 19.88	-5.32 -0.48 13.10	-3.44 -0.35 9.19

MAPLE_RIDGE_WT_2 323611	9.95 -0.25 0.00	9.32 -0.23 0.00	9.09 -0.22 0.00	9.19 -0.23 0.00	9.10 -0.22 0.00	9.73 -0.25 0.00	15.58 -0.43 0.00	17.13 -0.46 0.00	19.80 -0.48 -3.24	20.46 -0.55 -3.89	20.42 -0.56 -6.92	-4.08 -0.53 14.93	-5.02 -0.48 13.61	-4.90 -0.51 13.27	-5.72 -0.51 13.91	-5.43 -0.49 13.29	-4.79 -0.45 11.96	-5.73 -0.51 13.92	-7.36 -0.62 17.28	-10.00 -0.80 23.30	-10.00 -0.79 24.34	-8.59 -0.70 19.88	-5.32 -0.48 13.10	-3.44 -0.35 9.19
MARBLE_RIVER_WT_PWR 323696	9.95 -0.25 0.00	9.34 -0.21 0.00	9.06 -0.25 0.00	9.18 -0.23 0.00	9.06 -0.27 0.00	9.68 -0.30 0.00	15.42 -0.59 0.00	16.96 -0.63 0.00	12.22 -0.90 3.91	11.32 -1.08 4.71	4.59 -1.10 8.37	-0.12 -0.89 10.62	-0.55 -0.71 8.91	-0.55 -0.67 8.75	-0.55 -0.65 8.59	-0.56 -0.64 8.28	-0.55 -0.57 7.60	-0.56 -0.64 8.61	-0.56 -0.78 10.32	-0.57 -1.03 13.65	-0.57 -1.10 14.59	-0.55 -0.87 11.67	-0.55 -0.61 8.19	-0.54 -0.46 6.18
MARSHVLE_115KV_TB1 80742	19.24 0.81 -8.23	17.34 0.77 -7.01	17.02 0.75 -6.95	16.14 0.75 -5.98	16.93 0.76 -6.84	18.26 0.85 -7.43	24.49 1.49 -6.99	26.70 1.55 -7.56	23.06 1.40 -4.63	18.41 1.30 0.00	18.32 1.05 -3.20	19.23 0.81 -7.03	20.69 0.62 -11.00	21.65 0.57 -12.21	23.29 0.57 -14.03	26.40 0.57 -17.47	35.43 0.55 -27.26	43.29 0.70 -33.89	47.00 0.91 -35.55	43.86 1.26 -28.50	41.98 1.47 -25.39	36.52 1.13 -23.40	26.83 0.73 -17.85	23.41 0.53 -16.78
MARSH_HILL_WT_PWR 323713	11.72 0.36 -1.16	10.85 0.31 -0.99	10.65 0.36 -0.98	10.60 0.35 -0.84	10.64 0.35 -0.97	11.38 0.35 -1.05	18.15 1.20 -0.93	19.81 1.21 -1.01	18.71 1.06 -0.62	18.17 1.06 0.00	15.30 0.82 -0.43	12.92 0.59 -0.94	11.01 0.47 -1.47	10.92 0.42 -1.63	10.96 0.39 -1.87	11.02 0.33 -2.33	11.58 0.29 -3.68	13.65 0.37 -4.57	15.90 0.55 -4.80	18.66 0.73 -3.82	19.35 0.83 -3.39	15.68 0.56 -3.13	11.01 0.37 -2.39	8.62 0.28 -2.24
MCINTYRE_115KV_TB2 80467	9.83 -0.38 0.00	9.23 -0.32 0.00	8.94 -0.37 0.00	9.05 -0.36 0.00	8.98 -0.35 0.00	9.65 -0.33 0.00	15.50 -0.51 0.00	17.01 -0.58 0.00	12.97 -0.77 3.30	12.35 -0.79 3.97	6.24 -0.76 7.07	4.61 -0.58 6.19	2.85 -0.46 5.76	2.82 -0.44 5.60	2.31 -0.43 5.96	2.28 -0.39 5.69	2.19 -0.33 5.10	2.36 -0.37 5.96	2.65 -0.43 7.46	3.51 -0.49 10.10	4.09 -0.53 10.50	2.93 -0.44 8.61	2.32 -0.33 5.60	1.97 -0.26 3.87
MECO____69_KV_BK1 80468	18.94 0.90 -7.83	17.09 0.87 -6.67	16.78 0.85 -6.62	15.96 0.86 -5.69	16.69 0.86 -6.51	18.02 0.97 -7.07	24.37 1.71 -6.65	26.56 1.78 -7.20	23.01 1.57 -4.40	18.48 1.37 0.00	18.23 1.12 -3.05	18.90 0.82 -6.70	20.18 0.64 -10.47	21.11 0.61 -11.63	22.67 0.62 -13.36	25.63 0.64 -16.64	34.14 0.61 -25.92	41.73 0.81 -32.22	45.37 1.04 -33.78	42.68 1.45 -27.12	41.00 1.71 -24.17	35.54 1.27 -22.28	26.06 0.81 -17.00	22.65 0.57 -15.97
MENANDS__115KV_TB5 355628	17.18 0.30 -6.68	15.53 0.29 -5.69	15.25 0.29 -5.65	14.58 0.31 -4.86	15.18 0.30 -5.55	16.32 0.31 -6.03	22.13 0.45 -5.67	24.21 0.47 -6.14	21.29 0.49 -3.76	17.62 0.51 0.00	17.10 0.44 -2.60	17.46 0.35 -5.72	18.29 0.27 -8.94	19.08 0.28 -9.93	20.36 0.25 -11.41	22.80 0.23 -14.21	29.75 0.21 -21.93	36.19 0.24 -27.25	39.44 0.31 -28.59	37.62 0.39 -23.13	36.23 0.44 -20.67	31.39 0.35 -19.06	23.04 0.26 -14.54	19.94 0.17 -13.66
MG INDUSTRY__DRP 24185	17.08 0.32 -6.56	15.44 0.31 -5.58	15.16 0.31 -5.54	14.50 0.33 -4.76	15.09 0.32 -5.45	16.23 0.33 -5.92	22.09 0.51 -5.57	24.14 0.53 -6.02	21.24 0.51 -3.69	17.64 0.53 0.00	17.05 0.44 -2.55	17.33 0.34 -5.61	18.11 0.27 -8.77	18.87 0.27 -9.74	20.13 0.25 -11.18	22.52 0.23 -13.93	29.51 0.21 -21.69	35.91 0.25 -26.96	39.18 0.31 -28.33	37.27 0.41 -22.75	35.86 0.45 -20.28	31.04 0.36 -18.70	22.77 0.26 -14.26	19.68 0.18 -13.41
MID__OSWEGATCHIE_HYD 23849	10.00 -0.38 -0.18	9.37 -0.33 -0.15	9.09 -0.36 -0.15	9.19 -0.35 -0.13	9.13 -0.35 -0.15	9.80 -0.34 -0.16	15.60 -0.56 -0.15	17.14 -0.62 -0.16	14.31 -0.75 1.98	13.79 -0.82 2.50	8.86 -0.82 4.38	7.04 -0.67 3.67	5.19 -0.54 3.34	5.12 -0.53 3.22	4.77 -0.51 3.42	4.70 -0.48 3.17	4.62 -0.41 2.58	5.26 -0.46 2.98	6.12 -0.53 7.02	7.79 -0.61 9.51	8.50 -0.60 9.87	6.58 -0.52 8.11	4.77 -0.37 5.25	3.78 -0.29 2.04
MID__RAQUETTE_HYD 23851	9.60 -0.60 0.00	9.02 -0.54 0.00	8.74 -0.57 0.00	8.86 -0.56 0.00	8.78 -0.55 0.00	9.41 -0.57 0.00	15.08 -0.93 0.00	16.59 -1.00 0.00	12.77 -1.14 3.13	12.17 -1.18 3.76	6.29 -1.08 6.69	4.78 -0.85 5.75	3.02 -0.67 5.39	3.00 -0.64 5.24	2.47 -0.63 5.60	2.43 -0.59 5.34	2.32 -0.53 4.77	2.52 -0.58 5.60	2.82 -0.71 7.02	3.70 -0.89 9.51	4.31 -0.94 9.87	3.12 -0.76 8.11	2.46 -0.54 5.25	2.08 -0.41 3.61
MILLIKEN__1 23584	11.59 0.26 -1.13	10.75 0.23 -0.97	10.50 0.23 -0.96	10.48 0.24 -0.82	10.51 0.24 -0.94	11.27 0.27 -1.02	17.47 0.50 -0.96	19.12 0.49 -1.04	18.10 0.43 -0.63	17.50 0.39 0.00	14.81 0.31 -0.44	12.57 0.22 -0.97	10.75 0.16 -1.51	10.69 0.14 -1.68	10.76 0.14 -1.93	10.88 0.13 -2.40	11.52 0.13 -3.78	13.58 0.18 -4.69	15.74 0.26 -4.93	18.40 0.37 -3.93	19.06 0.45 -3.49	15.50 0.30 -3.21	10.90 0.20 -2.45	8.56 0.15 -2.30
MILLIKEN__2 23585	11.59 0.26 -1.13	10.75 0.23 -0.97	10.50 0.23 -0.96	10.48 0.24 -0.82	10.51 0.24 -0.94	11.27 0.27 -1.02	17.47 0.50 -0.96	19.12 0.49 -1.04	18.10 0.43 -0.63	17.50 0.39 0.00	14.81 0.31 -0.44	12.57 0.22 -0.97	10.75 0.16 -1.51	10.69 0.14 -1.68	10.76 0.14 -1.93	10.88 0.13 -2.40	11.52 0.13 -3.78	13.58 0.18 -4.69	15.74 0.26 -4.93	18.40 0.37 -3.93	19.06 0.45 -3.49	15.50 0.30 -3.21	10.90 0.20 -2.45	8.56 0.15 -2.30
MILLIKEN__DIESEL 23629	11.59 0.26 -1.13	10.75 0.23 -0.97	10.50 0.23 -0.96	10.48 0.24 -0.82	10.51 0.24 -0.94	11.27 0.27 -1.02	17.47 0.50 -0.96	19.12 0.49 -1.04	18.10 0.43 -0.63	17.50 0.39 0.00	14.81 0.31 -0.44	12.57 0.22 -0.97	10.75 0.16 -1.51	10.69 0.14 -1.68	10.76 0.14 -1.93	10.88 0.13 -2.40	11.52 0.13 -3.78	13.58 0.18 -4.69	15.74 0.26 -4.93	18.40 0.37 -3.93	19.06 0.45 -3.49	15.50 0.30 -3.21	10.90 0.20 -2.45	8.56 0.15 -2.30
MILLSEAT__LFGE 323607	11.13 0.07 -0.85	10.34 0.06 -0.72	10.16 0.13 -0.72	10.12 0.09 -0.62	10.14 0.10 -0.71	10.79 0.04 -0.77	16.59 -0.18 -0.75	17.88 -0.53 -0.81	17.01 -0.53 -0.50	16.77 -0.34 0.00	14.20 -0.21 -0.34	12.03 -0.11 -0.76	10.11 -0.15 -1.18	10.12 -0.07 -1.32	10.10 -0.10 -1.51	10.11 -0.13 -1.88	10.39 -0.19 -2.97	12.20 -0.19 -3.69	14.13 -0.28 -3.88	16.68 -0.51 -3.08	17.27 -0.59 -2.74	14.20 -0.31 -2.52	10.04 -0.13 -1.92	7.88 -0.03 -1.81
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	16.51 0.79 -5.52	14.97 0.72 -4.70	14.68 0.71 -4.66	14.12 0.70 -4.01	14.60 0.69 -4.58	15.70 0.74 -4.98	21.88 1.18 -4.69	24.01 1.32 -5.10	21.57 1.41 -3.12	18.53 1.42 0.00	17.40 1.18 -2.15	17.14 0.99 -4.76	17.29 0.78 -7.44	17.90 0.76 -8.27	18.91 0.77 -9.45	20.89 0.76 -11.77	27.36 0.69 -19.05	33.18 0.77 -23.71	36.41 0.89 -24.98	34.72 1.16 -19.46	33.43 1.18 -17.12	28.72 0.95 -15.78	20.93 0.64 -12.04	17.90 0.48 -11.32

MILLWOOD_13_KV_LOAD 356217	16.53 0.81 -5.52	14.99 0.74 -4.70	14.70 0.73 -4.66	14.14 0.72 -4.01	14.62 0.71 -4.58	15.71 0.75 -4.98	21.91 1.22 -4.69	24.05 1.35 -5.10	21.58 1.43 -3.12	18.55 1.44 0.00	17.41 1.20 -2.15	17.14 0.99 -4.76	17.30 0.79 -7.44	17.91 0.77 -8.27	18.92 0.77 -9.45	20.90 0.78 -11.77	27.38 0.71 -19.05	33.21 0.79 -23.71	36.44 0.92 -24.98	34.77 1.20 -19.46	33.46 1.21 -17.12	28.74 0.97 -15.78	20.94 0.65 -12.04	17.91 0.49 -11.32
MODEL_CITY_ENERGY 24167	10.94 -0.15 -0.88	10.13 -0.17 -0.75	9.98 -0.07 -0.75	9.93 -0.12 -0.64	9.94 -0.12 -0.73	10.58 -0.20 -0.80	16.29 -0.48 -0.76	17.54 -0.88 -0.82	16.71 -0.83 -0.50	16.48 -0.63 0.00	13.99 -0.42 -0.35	11.88 -0.27 -0.77	10.00 -0.27 -1.20	10.00 -0.20 -1.33	10.00 -0.23 -1.53	10.01 -0.25 -1.90	10.30 -0.31 -3.00	12.10 -0.33 -3.73	14.00 -0.46 -3.92	16.45 -0.78 -3.12	16.98 -0.91 -2.77	14.00 -0.54 -2.55	9.92 -0.28 -1.95	7.80 -0.13 -1.83
MODERN_LFGE_ 323580	10.94 -0.15 -0.88	10.13 -0.17 -0.75	9.98 -0.07 -0.75	9.93 -0.12 -0.64	9.94 -0.12 -0.73	10.58 -0.20 -0.80	16.29 -0.48 -0.76	17.54 -0.88 -0.82	16.71 -0.83 -0.50	16.48 -0.63 0.00	13.99 -0.42 -0.35	11.88 -0.27 -0.77	10.00 -0.27 -1.20	10.00 -0.20 -1.33	10.00 -0.23 -1.53	10.01 -0.25 -1.90	10.30 -0.31 -3.00	12.10 -0.33 -3.73	14.00 -0.46 -3.92	16.45 -0.78 -3.12	16.98 -0.91 -2.77	14.00 -0.54 -2.55	9.92 -0.28 -1.95	7.80 -0.13 -1.83
MOHAWK_PAPER___DRP 24187	17.36 0.41 -6.75	15.69 0.39 -5.75	15.40 0.39 -5.70	14.72 0.40 -4.90	15.33 0.39 -5.61	16.49 0.42 -6.09	22.43 0.69 -5.73	24.51 0.72 -6.20	21.53 0.70 -3.80	17.81 0.70 0.00	17.28 0.59 -2.63	17.63 0.47 -5.77	18.47 0.37 -9.03	19.27 0.37 -10.03	20.57 0.36 -11.52	23.03 0.33 -14.34	30.06 0.30 -22.14	36.60 0.38 -27.51	39.86 0.46 -28.86	38.06 0.62 -23.34	36.68 0.70 -20.86	31.76 0.54 -19.23	23.29 0.37 -14.67	20.14 0.26 -13.79
MOHICAN__35_KV_115KV_LD 80490	17.45 0.32 -6.93	15.76 0.31 -5.90	15.46 0.30 -5.86	14.76 0.31 -5.04	15.40 0.32 -5.76	16.60 0.36 -6.26	22.60 0.70 -5.89	24.70 0.74 -6.37	21.55 0.61 -3.90	18.02 0.91 0.00	17.50 0.75 -2.70	17.89 0.57 -5.93	18.78 0.44 -9.27	19.62 0.44 -10.30	20.96 0.43 -11.83	23.37 0.28 -14.73	30.63 0.25 -22.76	37.35 0.36 -28.29	40.62 0.43 -29.65	38.68 0.62 -23.96	37.30 0.77 -21.41	32.27 0.55 -19.73	23.65 0.35 -15.06	20.48 0.23 -14.15
MONGAUP___HYD 23641	15.94 0.69 -5.04	14.48 0.63 -4.29	14.19 0.62 -4.26	13.68 0.61 -3.66	14.12 0.61 -4.19	15.16 0.63 -4.55	21.33 1.04 -4.28	23.25 1.06 -4.61	20.92 1.07 -2.81	18.14 1.03 0.00	16.87 0.86 -1.95	16.39 0.73 -4.28	16.32 0.56 -6.69	16.84 0.54 -7.43	17.77 0.54 -8.53	19.52 0.54 -10.63	25.25 0.46 -17.17	30.62 0.55 -21.37	33.72 0.66 -22.51	32.58 0.92 -17.56	31.51 0.92 -15.46	27.08 0.84 -14.25	19.69 0.56 -10.87	16.72 0.40 -10.22
MONTAUK___DIESEL 23721	20.93 1.41 -9.31	15.55 1.27 -4.72	17.39 1.29 -6.78	14.70 1.26 -4.03	15.16 1.22 -4.61	19.75 1.36 -8.41	25.85 2.21 -7.63	26.10 2.45 -6.06	25.83 2.50 -6.29	19.54 2.43 0.00	24.48 1.97 -8.45	23.55 1.63 -10.54	24.57 1.29 -14.21	25.35 1.26 -15.22	26.35 1.24 -16.42	26.83 1.22 -17.25	27.89 1.15 -19.12	33.82 1.31 -23.81	37.23 1.60 -25.08	39.68 2.09 -23.49	44.43 2.22 -27.08	32.35 1.68 -18.69	26.95 1.14 -17.56	24.53 0.85 -17.57
MOONROAD_115KV_HARTFLD_TB1-2 355988	11.58 0.37 -1.01	10.73 0.32 -0.86	10.56 0.40 -0.85	10.53 0.39 -0.73	10.55 0.38 -0.84	11.21 0.32 -0.91	17.37 0.50 -0.86	18.84 0.32 -0.93	17.86 0.26 -0.57	17.47 0.36 0.00	14.85 0.39 -0.40	12.61 0.35 -0.87	10.66 0.23 -1.36	10.66 0.28 -1.51	10.65 0.22 -1.73	10.63 0.12 -2.16	11.06 0.05 -3.40	12.99 0.06 -4.23	15.03 0.04 -4.44	17.53 -0.11 -3.54	18.08 -0.18 -3.14	14.86 -0.02 -2.89	10.47 0.01 -2.21	8.22 0.04 -2.07
MORTIMER_115KV_TB3 55949	11.01 0.06 -0.74	10.24 0.06 -0.63	10.04 0.10 -0.63	10.04 0.08 -0.54	10.03 0.08 -0.62	10.71 0.06 -0.67	16.70 0.06 -0.62	18.14 -0.12 -0.67	17.35 -0.10 -0.41	17.13 0.02 0.00	14.45 0.10 -0.29	12.07 0.06 -0.63	10.10 0.05 -0.98	10.03 0.07 -1.09	10.01 0.06 -1.25	9.95 0.03 -1.56	10.05 -0.02 -2.45	11.75 0.00 -3.05	13.72 -0.03 -3.21	16.56 -0.10 -2.55	17.27 -0.12 -2.27	14.05 -0.02 -2.09	9.87 0.02 -1.59	7.65 0.05 -1.50
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	16.62 0.87 -5.55	15.06 0.78 -4.72	14.78 0.78 -4.69	14.20 0.76 -4.03	14.70 0.76 -4.61	15.78 0.80 -5.01	22.00 1.28 -4.71	24.15 1.44 -5.12	21.71 1.55 -3.13	18.69 1.59 0.01	17.53 1.31 -2.16	16.81 1.09 -4.33	16.82 0.86 -6.89	17.27 0.85 -7.55	18.98 0.84 -9.44	21.00 0.84 -11.80	27.50 0.76 -19.12	33.34 0.84 -23.80	36.59 0.97 -25.08	34.91 1.27 -19.54	33.58 1.27 -17.19	28.85 1.02 -15.84	21.02 0.68 -12.09	17.99 0.54 -11.36
MUNSVILLE_WIND_PWR 323609	12.57 0.72 -1.64	11.67 0.72 -1.40	11.38 0.68 -1.39	11.28 0.68 -1.20	11.40 0.71 -1.37	12.26 0.80 -1.49	18.87 1.46 -1.40	20.53 1.42 -1.51	19.19 1.23 -0.92	18.22 1.11 0.00	15.47 0.77 -0.64	13.31 0.52 -1.40	11.62 0.35 -2.19	11.60 0.29 -2.44	11.78 0.28 -2.80	12.13 0.28 -3.49	13.43 0.32 -5.49	15.94 0.41 -6.83	18.35 0.62 -7.18	20.91 1.09 -5.71	21.53 1.33 -5.07	17.49 0.83 -4.68	12.34 0.52 -3.57	9.84 0.39 -3.35
N SALMON___HYD 24042	9.91 -0.30 0.00	9.31 -0.25 0.00	9.01 -0.30 0.00	9.14 -0.27 0.00	9.03 -0.30 0.00	9.67 -0.31 0.00	15.42 -0.59 0.00	16.98 -0.62 0.00	12.50 -0.87 3.67	11.69 -1.01 4.41	5.20 -1.01 7.85	5.19 -0.80 5.39	2.97 -0.64 5.45	2.99 -0.60 5.27	2.18 -0.58 5.93	2.17 -0.57 5.62	2.15 -0.51 4.96	2.22 -0.56 5.93	2.25 -0.67 7.62	2.75 -0.89 10.47	3.48 -0.95 10.69	2.32 -0.75 8.91	2.19 -0.54 5.52	2.11 -0.42 3.57
N.AKRON__115KV_KNAPP 355671	11.13 0.07 -0.85	10.34 0.06 -0.73	10.16 0.13 -0.72	10.14 0.10 -0.62	10.14 0.10 -0.71	10.79 0.04 -0.77	16.59 -0.18 -0.75	17.88 -0.53 -0.81	17.02 -0.51 -0.50	16.77 -0.34 0.00	14.25 -0.15 -0.34	12.06 -0.08 -0.76	10.15 -0.11 -1.18	10.14 -0.04 -1.31	10.14 -0.07 -1.51	10.12 -0.12 -1.88	10.39 -0.18 -2.96	12.20 -0.18 -3.68	14.14 -0.27 -3.87	16.69 -0.49 -3.08	17.27 -0.59 -2.73	14.21 -0.30 -2.52	10.05 -0.12 -1.92	7.88 -0.03 -1.81
N.BELMOR_69_KV_BK1 55787	20.58 1.06 -9.31	15.23 0.96 -4.72	17.05 0.96 -6.78	14.36 0.92 -4.03	14.85 0.91 -4.61	19.39 1.00 -8.41	25.24 1.60 -7.63	25.41 1.76 -6.06	25.19 1.86 -6.29	18.96 1.85 0.00	24.04 1.53 -8.45	23.19 1.26 -10.54	24.29 1.01 -14.21	25.08 0.98 -15.22	26.09 0.97 -16.42	26.57 0.96 -17.25	27.59 0.85 -19.12	33.44 0.94 -23.80	36.76 1.14 -25.08	39.08 1.50 -23.48	43.31 1.54 -26.65	31.89 1.22 -18.68	26.67 0.86 -17.56	24.33 0.65 -17.57
N.E._GEN_SANDY PD 24062	16.89 0.51 -6.17	15.29 0.48 -5.26	14.99 0.47 -5.22	14.36 0.46 -4.48	14.92 0.47 -5.13	16.04 0.49 -5.57	22.02 0.77 -5.24	24.09 0.83 -5.67	21.39 0.85 -3.50	17.97 0.86 0.00	17.20 0.72 -2.42	17.29 0.58 -5.32	17.86 0.46 -8.33	18.57 0.45 -9.25	19.76 0.44 -10.62	22.00 0.42 -13.23	25.65 0.37 -17.66	30.95 0.43 -21.82	33.63 0.52 -22.57	35.35 0.68 -20.57	35.06 0.70 -19.24	30.30 0.58 -17.74	22.19 0.41 -13.53	19.10 0.28 -12.72

N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	16.37 0.80 -5.37	14.85 0.73 -4.57	14.56 0.72 -4.53	14.01 0.70 -3.90	14.49 0.70 -4.46	15.56 0.74 -4.85	21.77 1.20 -4.56	23.90 1.34 -4.97	21.52 1.45 -3.04	18.57 1.45 0.00	17.37 1.21 -2.10	17.02 1.00 -4.63	17.11 0.80 -7.24	17.70 0.78 -8.05	18.68 0.77 -9.21	20.60 0.78 -11.47	26.88 0.71 -18.55	32.58 0.79 -23.09	35.79 0.92 -24.33	34.26 1.20 -18.96	33.01 1.21 -16.68	28.35 0.98 -15.38	20.64 0.66 -11.73	17.63 0.50 -11.03
N.QUEENS_27_KV_LOAD 356247	16.72 0.96 -5.55	15.18 0.90 -4.73	14.89 0.88 -4.69	14.32 0.88 -4.04	14.82 0.88 -4.61	15.81 0.83 -5.01	21.94 1.22 -4.71	24.12 1.41 -5.12	21.73 1.57 -3.13	18.81 1.69 -0.01	17.60 1.38 -2.16	18.05 1.16 -5.50	18.39 0.93 -8.39	19.27 0.90 -9.50	19.09 0.90 -9.50	21.06 0.89 -11.82	27.52 0.78 -19.12	33.36 0.86 -23.80	36.61 0.99 -25.08	34.94 1.30 -19.54	33.59 1.29 -17.19	28.84 1.01 -15.84	21.00 0.66 -12.09	18.05 0.59 -11.37
N.TROY___115KV_TB1 355778	17.38 0.40 -6.78	15.70 0.37 -5.77	15.40 0.36 -5.73	14.70 0.37 -4.93	15.33 0.37 -5.63	16.50 0.40 -6.12	22.42 0.66 -5.76	24.51 0.69 -6.23	21.52 0.66 -3.82	17.80 0.68 0.00	17.28 0.58 -2.64	17.64 0.46 -5.80	18.51 0.36 -9.07	19.30 0.35 -10.08	20.62 0.35 -11.57	23.09 0.32 -14.41	30.03 0.28 -22.13	36.54 0.34 -27.49	39.78 0.42 -28.82	38.08 0.56 -23.41	36.70 0.62 -20.96	31.80 0.49 -19.32	23.34 0.35 -14.74	20.19 0.23 -13.85
NARROWS_GT1_1 24228	16.73 0.97 -5.55	15.15 0.87 -4.73	14.86 0.86 -4.69	14.29 0.84 -4.04	14.78 0.84 -4.61	15.81 0.83 -5.01	21.98 1.26 -4.71	24.17 1.46 -5.12	21.77 1.60 -3.13	18.83 1.69 -0.02	17.63 1.41 -2.16	18.23 1.17 -5.67	18.62 0.93 -8.61	19.56 0.91 -9.78	19.20 0.91 -9.59	21.08 0.89 -11.83	27.58 0.84 -19.12	33.42 0.92 -23.80	36.68 1.06 -25.08	35.02 1.38 -19.53	33.68 1.38 -17.19	28.91 1.08 -15.84	21.05 0.71 -12.09	18.07 0.60 -11.37
NARROWS_GT1_2 24229	16.73 0.97 -5.55	15.15 0.87 -4.73	14.86 0.86 -4.69	14.29 0.84 -4.04	14.78 0.84 -4.61	15.81 0.83 -5.01	21.98 1.26 -4.71	24.17 1.46 -5.12	21.77 1.60 -3.13	18.83 1.69 -0.02	17.63 1.41 -2.16	18.23 1.17 -5.67	18.62 0.93 -8.61	19.56 0.91 -9.78	19.20 0.91 -9.59	21.08 0.89 -11.83	27.58 0.84 -19.12	33.42 0.92 -23.80	36.68 1.06 -25.08	35.02 1.38 -19.53	33.68 1.38 -17.19	28.91 1.08 -15.84	21.05 0.71 -12.09	18.07 0.60 -11.37
NARROWS_GT1_3 24230	16.73 0.97 -5.55	15.15 0.87 -4.73	14.86 0.86 -4.69	14.29 0.84 -4.04	14.78 0.84 -4.61	15.81 0.83 -5.01	21.98 1.26 -4.71	24.17 1.46 -5.12	21.77 1.60 -3.13	18.83 1.69 -0.02	17.63 1.41 -2.16	18.23 1.17 -5.67	18.62 0.93 -8.61	19.56 0.91 -9.78	19.20 0.91 -9.59	21.08 0.89 -11.83	27.58 0.84 -19.12	33.42 0.92 -23.80	36.68 1.06 -25.08	35.02 1.38 -19.53	33.68 1.38 -17.19	28.91 1.08 -15.84	21.05 0.71 -12.09	18.07 0.60 -11.37
NARROWS_GT1_4 24231	16.73 0.97 -5.55	15.15 0.87 -4.73	14.86 0.86 -4.69	14.29 0.84 -4.04	14.78 0.84 -4.61	15.81 0.83 -5.01	21.98 1.26 -4.71	24.17 1.46 -5.12	21.77 1.60 -3.13	18.83 1.69 -0.02	17.63 1.41 -2.16	18.23 1.17 -5.67	18.62 0.93 -8.61	19.56 0.91 -9.78	19.20 0.91 -9.59	21.08 0.89 -11.83	27.58 0.84 -19.12	33.42 0.92 -23.80	36.68 1.06 -25.08	35.02 1.38 -19.53	33.68 1.38 -17.19	28.91 1.08 -15.84	21.05 0.71 -12.09	18.07 0.60 -11.37
NARROWS_GT1_5 24232	16.73 0.97 -5.55	15.15 0.87 -4.73	14.86 0.86 -4.69	14.29 0.84 -4.04	14.78 0.84 -4.61	15.81 0.83 -5.01	21.98 1.26 -4.71	24.17 1.46 -5.12	21.77 1.60 -3.13	18.83 1.69 -0.02	17.63 1.41 -2.16	18.23 1.17 -5.67	18.62 0.93 -8.61	19.56 0.91 -9.78	19.20 0.91 -9.59	21.08 0.89 -11.83	27.58 0.84 -19.12	33.42 0.92 -23.80	36.68 1.06 -25.08	35.02 1.38 -19.53	33.68 1.38 -17.19	28.91 1.08 -15.84	21.05 0.71 -12.09	18.07 0.60 -11.37
NARROWS_GT1_6 24233	16.73 0.97 -5.55	15.15 0.87 -4.73	14.86 0.86 -4.69	14.29 0.84 -4.04	14.78 0.84 -4.61	15.81 0.83 -5.01	21.98 1.26 -4.71	24.17 1.46 -5.12	21.77 1.60 -3.13	18.83 1.69 -0.02	17.63 1.41 -2.16	18.23 1.17 -5.67	18.62 0.93 -8.61	19.56 0.91 -9.78	19.20 0.91 -9.59	21.08 0.89 -11.83	27.58 0.84 -19.12	33.42 0.92 -23.80	36.68 1.06 -25.08	35.02 1.38 -19.53	33.68 1.38 -17.19	28.91 1.08 -15.84	21.05 0.71 -12.09	18.07 0.60 -11.37
NARROWS_GT1_7 24234	16.73 0.97 -5.55	15.15 0.87 -4.73	14.86 0.86 -4.69	14.29 0.84 -4.04	14.78 0.84 -4.61	15.81 0.83 -5.01	21.98 1.26 -4.71	24.17 1.46 -5.12	21.77 1.60 -3.13	18.83 1.69 -0.02	17.63 1.41 -2.16	18.23 1.17 -5.67	18.62 0.93 -8.61	19.56 0.91 -9.78	19.20 0.91 -9.59	21.08 0.89 -11.83	27.58 0.84 -19.12	33.42 0.92 -23.80	36.68 1.06 -25.08	35.02 1.38 -19.53	33.68 1.38 -17.19	28.91 1.08 -15.84	21.05 0.71 -12.09	18.07 0.60 -11.37
NARROWS_GT1_8 24235	16.73 0.97 -5.55	15.15 0.87 -4.73	14.86 0.86 -4.69	14.29 0.84 -4.04	14.78 0.84 -4.61	15.81 0.83 -5.01	21.98 1.26 -4.71	24.17 1.46 -5.12	21.77 1.60 -3.13	18.83 1.69 -0.02	17.63 1.41 -2.16	18.23 1.17 -5.67	18.62 0.93 -8.61	19.56 0.91 -9.78	19.20 0.91 -9.59	21.08 0.89 -11.83	27.58 0.84 -19.12	33.42 0.92 -23.80	36.68 1.06 -25.08	35.02 1.38 -19.53	33.68 1.38 -17.19	28.91 1.08 -15.84	21.05 0.71 -12.09	18.07 0.60 -11.37
NARROWS_GT2_1 24236	16.73 0.97 -5.55	15.15 0.87 -4.73	14.86 0.86 -4.69	14.29 0.84 -4.04	14.78 0.84 -4.61	15.81 0.83 -5.01	21.98 1.26 -4.71	24.17 1.46 -5.12	21.77 1.60 -3.13	18.83 1.69 -0.02	17.63 1.41 -2.16	18.23 1.17 -5.67	18.62 0.93 -8.61	19.56 0.91 -9.78	19.20 0.91 -9.59	21.08 0.89 -11.83	27.58 0.84 -19.12	33.42 0.92 -23.80	36.68 1.06 -25.08	35.02 1.38 -19.53	33.68 1.38 -17.19	28.91 1.08 -15.84	21.05 0.71 -12.09	18.07 0.60 -11.37
NARROWS_GT2_2 24237	16.73 0.97 -5.55	15.15 0.87 -4.73	14.86 0.86 -4.69	14.29 0.84 -4.04	14.78 0.84 -4.61	15.81 0.83 -5.01	21.98 1.26 -4.71	24.17 1.46 -5.12	21.77 1.60 -3.13	18.83 1.69 -0.02	17.63 1.41 -2.16	18.23 1.17 -5.67	18.62 0.93 -8.61	19.56 0.91 -9.78	19.20 0.91 -9.59	21.08 0.89 -11.83	27.58 0.84 -19.12	33.42 0.92 -23.80	36.68 1.06 -25.08	35.02 1.38 -19.53	33.68 1.38 -17.19	28.91 1.08 -15.84	21.05 0.71 -12.09	18.07 0.60 -11.37
NARROWS_GT2_3 24238	16.73 0.97 -5.55	15.15 0.87 -4.73	14.86 0.86 -4.69	14.29 0.84 -4.04	14.78 0.84 -4.61	15.81 0.83 -5.01	21.98 1.26 -4.71	24.17 1.46 -5.12	21.77 1.60 -3.13	18.83 1.69 -0.02	17.63 1.41 -2.16	18.23 1.17 -5.67	18.62 0.93 -8.61	19.56 0.91 -9.78	19.20 0.91 -9.59	21.08 0.89 -11.83	27.58 0.84 -19.12	33.42 0.92 -23.80	36.68 1.06 -25.08	35.02 1.38 -19.53	33.68 1.38 -17.19	28.91 1.08 -15.84	21.05 0.71 -12.09	18.07 0.60 -11.37
NARROWS_GT2_4 24239	16.73 0.97 -5.55	15.15 0.87 -4.73	14.86 0.86 -4.69	14.29 0.84 -4.04	14.78 0.84 -4.61	15.81 0.83 -5.01	21.98 1.26 -4.71	24.17 1.46 -5.12	21.77 1.60 -3.13	18.83 1.69 -0.02	17.63 1.41 -2.16	18.23 1.17 -5.67	18.62 0.93 -8.61	19.56 0.91 -9.78	19.20 0.91 -9.59	21.08 0.89 -11.83	27.58 0.84 -19.12	33.42 0.92 -23.80	36.68 1.06 -25.08	35.02 1.38 -19.53	33.68 1.38 -17.19	28.91 1.08 -15.84	21.05 0.71 -12.09	18.07 0.60 -11.37

NARROWS_GT2_5 24240	16.73 0.97 -5.55	15.15 0.87 -4.73	14.86 0.86 -4.69	14.29 0.84 -4.04	14.78 0.84 -4.61	15.81 0.83 -5.01	21.98 1.26 -4.71	24.17 1.46 -5.12	21.77 1.60 -3.13	18.83 1.69 -0.02	17.63 1.41 -2.16	18.23 1.17 -5.67	18.62 0.93 -8.61	19.56 0.91 -9.78	19.20 0.91 -9.59	21.08 0.89 -11.83	27.58 0.84 -19.12	33.42 0.92 -23.80	36.68 1.06 -25.08	35.02 1.38 -19.53	33.68 1.38 -17.19	28.91 1.08 -15.84	21.05 0.71 -12.09	18.07 0.60 -11.37
NARROWS_GT2_6 24241	16.73 0.97 -5.55	15.15 0.87 -4.73	14.86 0.86 -4.69	14.29 0.84 -4.04	14.78 0.84 -4.61	15.81 0.83 -5.01	21.98 1.26 -4.71	24.17 1.46 -5.12	21.77 1.60 -3.13	18.83 1.69 -0.02	17.63 1.41 -2.16	18.23 1.17 -5.67	18.62 0.93 -8.61	19.56 0.91 -9.78	19.20 0.91 -9.59	21.08 0.89 -11.83	27.58 0.84 -19.12	33.42 0.92 -23.80	36.68 1.06 -25.08	35.02 1.38 -19.53	33.68 1.38 -17.19	28.91 1.08 -15.84	21.05 0.71 -12.09	18.07 0.60 -11.37
NARROWS_GT2_7 24242	16.73 0.97 -5.55	15.15 0.87 -4.73	14.86 0.86 -4.69	14.29 0.84 -4.04	14.78 0.84 -4.61	15.81 0.83 -5.01	21.98 1.26 -4.71	24.17 1.46 -5.12	21.77 1.60 -3.13	18.83 1.69 -0.02	17.63 1.41 -2.16	18.23 1.17 -5.67	18.62 0.93 -8.61	19.56 0.91 -9.78	19.20 0.91 -9.59	21.08 0.89 -11.83	27.58 0.84 -19.12	33.42 0.92 -23.80	36.68 1.06 -25.08	35.02 1.38 -19.53	33.68 1.38 -17.19	28.91 1.08 -15.84	21.05 0.71 -12.09	18.07 0.60 -11.37
NARROWS_GT2_8 24243	16.73 0.97 -5.55	15.15 0.87 -4.73	14.86 0.86 -4.69	14.29 0.84 -4.04	14.78 0.84 -4.61	15.81 0.83 -5.01	21.98 1.26 -4.71	24.17 1.46 -5.12	21.77 1.60 -3.13	18.83 1.69 -0.02	17.63 1.41 -2.16	18.23 1.17 -5.67	18.62 0.93 -8.61	19.56 0.91 -9.78	19.20 0.91 -9.59	21.08 0.89 -11.83	27.58 0.84 -19.12	33.42 0.92 -23.80	36.68 1.06 -25.08	35.02 1.38 -19.53	33.68 1.38 -17.19	28.91 1.08 -15.84	21.05 0.71 -12.09	18.07 0.60 -11.37
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	16.82 0.32 -6.30	15.22 0.31 -5.36	14.93 0.30 -5.32	14.33 0.34 -4.58	14.88 0.32 -5.23	16.01 0.34 -5.69	21.92 0.56 -5.35	23.96 0.58 -5.79	21.11 0.53 -3.54	17.56 0.44 0.00	16.89 0.38 -2.45	17.04 0.27 -5.38	17.72 0.23 -8.42	18.45 0.23 -9.35	19.64 0.20 -10.74	21.92 0.19 -13.37	28.73 0.19 -20.92	34.97 0.26 -26.01	38.22 0.34 -27.34	36.46 0.48 -21.88	35.12 0.53 -19.47	30.38 0.44 -17.95	22.23 0.29 -13.69	19.15 0.18 -12.87
NCHELSEA_115KV_TR2 355582	16.54 0.81 -5.53	14.99 0.73 -4.71	14.70 0.72 -4.67	14.13 0.71 -4.02	14.62 0.70 -4.59	15.71 0.74 -4.99	21.92 1.22 -4.69	23.98 1.32 -5.07	21.52 1.38 -3.10	18.46 1.35 0.00	17.33 1.12 -2.14	17.03 0.93 -4.71	17.18 0.73 -7.37	17.78 0.73 -8.18	18.80 0.70 -9.40	20.78 0.72 -11.71	27.14 0.67 -18.86	32.93 0.76 -23.47	36.14 0.89 -24.72	34.62 1.18 -19.33	33.33 1.18 -17.03	28.67 0.98 -15.70	20.88 0.65 -11.98	17.84 0.48 -11.26
NEG CAPITAL___MECHNVIL 23645	17.54 0.46 -6.88	15.85 0.44 -5.86	15.55 0.43 -5.81	14.84 0.43 -5.00	15.48 0.44 -5.71	16.67 0.48 -6.21	22.68 0.83 -5.84	24.79 0.88 -6.32	21.71 0.80 -3.87	17.88 0.77 0.00	17.39 0.65 -2.68	17.77 0.50 -5.89	18.67 0.39 -9.20	19.49 0.40 -10.22	20.82 0.38 -11.74	23.36 0.38 -14.62	30.51 0.35 -22.54	37.15 0.44 -28.01	40.47 0.55 -29.38	38.62 0.73 -23.79	37.26 0.86 -21.27	32.24 0.65 -19.61	23.65 0.44 -14.96	20.46 0.29 -14.06
NEG CENTRAL_HIGH_ACRES 23767	10.82 -0.11 -0.72	10.06 -0.11 -0.62	9.85 -0.07 -0.61	9.85 -0.08 -0.53	9.85 -0.08 -0.60	10.53 -0.10 -0.65	16.46 -0.16 -0.61	17.95 -0.30 -0.66	17.15 -0.29 -0.40	16.86 -0.26 0.00	14.24 -0.10 -0.28	11.90 -0.10 -0.62	9.95 -0.08 -0.96	9.87 -0.07 -1.07	9.85 -0.08 -1.23	9.80 -0.09 -1.53	9.92 -0.11 -2.41	11.59 -0.11 -3.00	13.55 -0.15 -3.15	16.37 -0.24 -2.51	17.09 -0.26 -2.23	13.86 -0.18 -2.05	9.71 -0.10 -1.56	7.52 -0.05 -1.47
NEG CENTRAL___DRP 24199	11.09 0.10 -0.78	10.31 0.09 -0.67	10.07 0.10 -0.66	10.08 0.10 -0.57	10.09 0.11 -0.65	10.80 0.12 -0.71	16.97 0.30 -0.66	18.55 0.25 -0.71	17.68 0.20 -0.43	17.32 0.21 0.00	14.57 0.21 -0.30	12.19 0.14 -0.66	10.22 0.11 -1.04	10.12 0.10 -1.15	10.11 0.09 -1.32	10.07 0.07 -1.65	10.26 0.05 -2.59	12.01 0.09 -3.22	14.06 0.14 -3.38	16.97 0.17 -2.69	17.72 0.21 -2.39	14.32 0.13 -2.20	10.02 0.09 -1.68	7.76 0.08 -1.58
NEG CENTRAL___INDECK 23768	11.63 0.43 -0.99	10.79 0.39 -0.85	10.58 0.43 -0.84	10.56 0.42 -0.72	10.58 0.43 -0.83	11.30 0.43 -0.90	17.95 1.15 -0.79	19.55 1.11 -0.85	18.42 0.87 -0.52	17.90 0.79 0.00	15.10 0.67 -0.36	12.68 0.50 -0.79	10.71 0.40 -1.24	10.62 0.37 -1.37	10.62 0.35 -1.58	10.64 0.32 -1.96	10.98 0.27 -3.10	12.92 0.37 -3.85	15.14 0.55 -4.05	18.10 0.78 -3.22	18.87 0.89 -2.86	15.28 0.66 -2.64	10.72 0.46 -2.01	8.34 0.35 -1.89
NEG CENTRAL___SENECA 23627	11.23 0.17 -0.85	10.42 0.14 -0.73	10.20 0.17 -0.72	10.20 0.17 -0.62	10.21 0.18 -0.71	10.94 0.19 -0.77	17.17 0.45 -0.71	18.75 0.39 -0.77	17.83 0.32 -0.47	17.42 0.31 0.00	14.70 0.31 -0.33	12.32 0.22 -0.72	10.37 0.17 -1.13	10.28 0.16 -1.25	10.28 0.15 -1.44	10.26 0.12 -1.79	10.53 0.10 -2.81	12.35 0.15 -3.50	14.44 0.22 -3.67	17.30 0.27 -2.92	18.04 0.32 -2.60	14.58 0.20 -2.39	10.22 0.14 -1.83	7.94 0.12 -1.72
NEG CENTRAL___STATE_STREET 24147	11.15 0.17 -0.77	10.36 0.15 -0.65	10.12 0.16 -0.65	10.15 0.18 -0.56	10.13 0.17 -0.64	10.86 0.19 -0.69	17.05 0.38 -0.65	18.66 0.37 -0.70	17.76 0.29 -0.43	17.44 0.33 0.00	14.67 0.31 -0.30	12.26 0.22 -0.66	10.27 0.17 -1.03	10.17 0.16 -1.14	10.14 0.14 -1.31	10.11 0.13 -1.63	10.28 0.11 -2.55	12.03 0.15 -3.18	14.08 0.20 -3.34	17.03 0.27 -2.66	17.83 0.35 -2.36	14.37 0.20 -2.17	10.05 0.14 -1.66	7.78 0.12 -1.56
NEG MILLWOOD___DRP 24198	16.60 0.82 -5.58	15.07 0.76 -4.76	14.78 0.75 -4.72	14.21 0.74 -4.06	14.70 0.74 -4.64	15.80 0.78 -5.04	22.02 1.26 -4.74	24.12 1.39 -5.13	21.59 1.41 -3.14	18.48 1.37 0.00	17.38 1.15 -2.17	17.11 0.96 -4.77	17.28 0.75 -7.46	17.89 0.74 -8.28	18.96 0.75 -9.51	20.97 0.77 -11.84	27.45 0.72 -19.11	33.31 0.82 -23.79	36.53 0.93 -25.06	34.90 1.23 -19.57	33.60 1.24 -17.24	28.88 1.01 -15.89	21.03 0.66 -12.12	17.98 0.48 -11.39
NEG NORTH_FLCN_SEA 23793	10.05 -0.15 0.00	9.44 -0.11 0.00	9.15 -0.16 0.00	9.28 -0.13 0.00	9.16 -0.17 0.00	9.79 -0.19 0.00	15.58 -0.43 0.00	17.15 -0.44 0.00	12.39 -0.73 3.91	11.50 -0.91 4.71	4.72 -0.97 8.37	-0.02 -0.76 10.64	-0.46 -0.61 8.92	-0.46 -0.58 8.76	-0.46 -0.56 8.60	-0.46 -0.53 8.28	-0.48 -0.49 7.61	-0.46 -0.54 8.62	-0.44 -0.65 10.33	-0.41 -0.86 13.65	-0.42 -0.94 14.60	-0.43 -0.74 11.67	-0.46 -0.52 8.19	-0.48 -0.40 6.19
NEG NORTH_KES_CHATEGAY 23792	9.95 -0.26 0.00	9.33 -0.22 0.00	9.06 -0.25 0.00	9.18 -0.24 0.00	9.06 -0.27 0.00	9.68 -0.30 0.00	15.42 -0.59 0.00	16.96 -0.63 0.00	12.30 -0.89 3.85	11.41 -1.08 4.63	4.74 -1.10 8.23	-0.19 -0.89 10.69	-0.54 -0.70 8.92	-0.55 -0.67 8.75	-0.51 -0.64 8.56	-0.51 -0.62 8.25	-0.52 -0.56 7.59	-0.50 -0.62 8.58	-0.45 -0.74 10.26	-0.40 -0.97 13.53	-0.44 -1.06 14.50	-0.42 -0.84 11.57	-0.50 -0.59 8.16	-0.54 -0.45 6.19

NEG NORTH___ALICE_FALLS 23915	10.04 -0.16 0.00	9.43 -0.12 0.00	9.14 -0.17 0.00	9.27 -0.14 0.00	9.15 -0.18 0.00	9.78 -0.20 0.00	15.58 -0.43 0.00	17.15 -0.44 0.00	12.39 -0.75 3.90	11.49 -0.92 4.69	4.73 -0.98 8.35	0.00 -0.74 10.65	-0.42 -0.57 8.92	-0.42 -0.53 8.76	-0.41 -0.51 8.59	-0.42 -0.50 8.28	-0.44 -0.45 7.60	-0.40 -0.49 8.62	-0.37 -0.59 10.32	-0.30 -0.78 13.63	-0.31 -0.85 14.58	-0.34 -0.67 11.65	-0.42 -0.48 8.19	-0.46 -0.37 6.19
NEG NORTH___LWR_SARANAC 23913	10.04 -0.16 0.00	9.43 -0.12 0.00	9.14 -0.17 0.00	9.27 -0.14 0.00	9.15 -0.18 0.00	9.78 -0.20 0.00	15.58 -0.43 0.00	17.15 -0.44 0.00	12.39 -0.75 3.90	11.49 -0.92 4.69	4.73 -0.98 8.35	0.00 -0.74 10.65	-0.42 -0.57 8.92	-0.42 -0.53 8.76	-0.41 -0.51 8.59	-0.42 -0.50 8.28	-0.44 -0.45 7.60	-0.40 -0.49 8.62	-0.37 -0.59 10.32	-0.30 -0.78 13.63	-0.31 -0.85 14.58	-0.34 -0.67 11.65	-0.42 -0.48 8.19	-0.46 -0.37 6.19
NEG NORTH___PLATTSBURG 23628	10.04 -0.16 0.00	9.43 -0.12 0.00	9.14 -0.17 0.00	9.26 -0.15 0.00	9.15 -0.18 0.00	9.78 -0.20 0.00	15.58 -0.43 0.00	17.15 -0.44 0.00	12.39 -0.75 3.90	11.50 -0.92 4.69	4.76 -0.97 8.33	0.01 -0.74 10.64	-0.41 -0.57 8.91	-0.41 -0.53 8.75	-0.40 -0.51 8.58	-0.40 -0.49 8.27	-0.43 -0.45 7.59	-0.39 -0.49 8.60	-0.35 -0.59 10.30	-0.29 -0.78 13.61	-0.29 -0.85 14.57	-0.32 -0.67 11.64	-0.41 -0.48 8.18	-0.45 -0.37 6.18
NEG WEST_LEA_LOCKPORT 23791	11.03 -0.05 -0.88	10.24 -0.07 -0.75	10.07 0.02 -0.74	10.03 -0.02 -0.64	10.04 -0.02 -0.73	10.68 -0.09 -0.79	16.47 -0.30 -0.76	17.73 -0.69 -0.82	16.87 -0.66 -0.50	16.63 -0.48 0.00	14.17 -0.24 -0.35	12.01 -0.14 -0.76	10.10 -0.16 -1.19	10.10 -0.10 -1.33	10.10 -0.12 -1.52	10.09 -0.17 -1.90	10.38 -0.23 -2.99	12.18 -0.23 -3.71	14.10 -0.35 -3.90	16.58 -0.63 -3.11	17.14 -0.74 -2.76	14.12 -0.41 -2.54	9.99 -0.20 -1.94	7.86 -0.07 -1.82
NEG WEST___LANCASTR 23811	11.08 -0.14 -1.02	10.26 -0.16 -0.87	10.09 -0.07 -0.86	10.04 -0.11 -0.74	10.06 -0.11 -0.84	10.71 -0.19 -0.92	16.53 -0.35 -0.87	17.92 -0.62 -0.94	17.02 -0.60 -0.58	16.65 -0.46 0.00	14.18 -0.28 -0.40	12.07 -0.19 -0.88	10.24 -0.20 -1.37	10.25 -0.14 -1.52	10.28 -0.17 -1.75	10.32 -0.22 -2.18	10.80 -0.24 -3.43	12.70 -0.26 -4.26	14.68 -0.35 -4.48	17.06 -0.61 -3.57	17.60 -0.68 -3.16	14.48 -0.42 -2.92	10.22 -0.26 -2.22	8.06 -0.13 -2.09
NEG_PENN_ALLEGHNY 23528	12.15 0.20 -1.74	11.22 0.18 -1.48	10.98 0.20 -1.47	10.86 0.19 -1.26	10.96 0.19 -1.45	11.75 0.20 -1.57	17.83 0.34 -1.48	19.47 0.28 -1.60	18.30 0.29 -0.98	17.47 0.36 0.00	15.02 0.28 -0.68	13.08 0.21 -1.49	11.56 0.16 -2.33	11.61 0.15 -2.58	11.81 0.15 -2.97	12.19 0.13 -3.70	13.55 0.11 -5.82	16.08 0.14 -7.24	18.33 0.18 -7.61	20.37 0.21 -6.06	20.74 0.24 -5.38	17.13 0.19 -4.96	12.16 0.13 -3.78	9.77 0.12 -3.55
NEG___GEN_MONROE 24207	11.04 0.09 -0.75	10.28 0.09 -0.64	10.08 0.14 -0.63	10.09 0.13 -0.54	10.08 0.13 -0.62	10.76 0.11 -0.67	16.83 0.19 -0.62	18.28 0.02 -0.67	17.45 0.00 -0.41	17.21 0.10 0.00	14.52 0.17 -0.29	12.09 0.08 -0.63	10.11 0.05 -0.98	10.05 0.09 -1.09	10.02 0.07 -1.25	9.95 0.03 -1.56	10.06 -0.02 -2.45	11.75 0.00 -3.05	13.73 -0.02 -3.21	16.60 -0.06 -2.55	17.31 -0.08 -2.27	14.10 0.02 -2.09	9.91 0.07 -1.59	7.68 0.09 -1.50
NEPA___ENERGY 23901	11.39 -0.01 -1.19	10.54 -0.03 -1.01	10.35 0.04 -1.01	10.29 0.01 -0.87	10.33 0.01 -0.99	11.02 -0.03 -1.08	16.93 -0.10 -1.02	18.34 -0.35 -1.10	17.40 -0.31 -0.67	16.91 -0.21 0.00	14.44 -0.08 -0.46	12.37 -0.03 -1.02	10.61 -0.06 -1.60	10.61 -0.04 -1.78	10.69 -0.04 -2.04	10.81 -0.08 -2.54	11.51 -0.11 -4.00	13.57 -0.10 -4.97	15.62 -0.15 -5.23	17.94 -0.32 -4.16	18.44 -0.38 -3.69	15.19 -0.20 -3.40	10.74 -0.11 -2.60	8.51 -0.03 -2.44
NEVERSINK___HYD 23608	15.57 0.67 -4.69	14.15 0.60 -4.00	13.86 0.59 -3.97	13.40 0.57 -3.41	13.81 0.58 -3.90	14.84 0.62 -4.24	21.05 1.06 -3.99	23.00 1.11 -4.30	20.84 1.17 -2.63	18.28 1.16 0.00	16.86 0.98 -1.82	16.19 0.81 -4.00	15.70 0.38 -6.25	16.18 0.36 -6.94	17.02 0.36 -7.97	18.65 0.37 -9.93	23.91 0.37 -15.92	28.93 0.42 -19.81	32.17 0.77 -20.86	31.53 1.06 -16.37	30.62 1.06 -14.44	26.16 0.86 -13.31	18.97 0.56 -10.16	16.07 0.42 -9.55
NEWKRMKL_115KV_TB1 55635	17.16 0.26 -6.70	15.51 0.25 -5.71	15.23 0.25 -5.66	14.56 0.28 -4.87	15.16 0.26 -5.57	16.30 0.27 -6.05	22.09 0.38 -5.69	24.16 0.40 -6.16	21.24 0.43 -3.77	17.57 0.46 0.00	17.05 0.38 -2.61	17.43 0.31 -5.74	18.29 0.24 -8.97	19.07 0.24 -9.96	20.35 0.22 -11.44	22.80 0.20 -14.25	29.83 0.18 -22.04	36.31 0.22 -27.39	39.55 0.26 -28.75	37.67 0.35 -23.21	36.25 0.39 -20.73	31.41 0.31 -19.11	23.05 0.21 -14.58	19.95 0.15 -13.70
NEWTON___FALLS_HYD 23847	10.00 -0.38 -0.18	9.37 -0.33 -0.15	9.09 -0.36 -0.15	9.19 -0.35 -0.13	9.13 -0.35 -0.15	9.80 -0.34 -0.16	15.60 -0.56 -0.15	17.14 -0.62 -0.16	14.31 -0.75 1.98	13.79 -0.82 2.50	8.86 -0.82 4.38	7.04 -0.67 3.67	5.19 -0.54 3.34	5.12 -0.53 3.22	4.77 -0.51 3.42	4.70 -0.48 3.17	4.62 -0.41 2.58	5.26 -0.46 2.98	6.12 -0.53 3.89	7.79 -0.61 5.71	8.50 -0.60 6.02	6.58 -0.52 4.89	4.77 -0.37 3.11	3.78 -0.29 2.04
NGRID_A1_DSASP 323792	10.96 -0.14 -0.89	10.15 -0.16 -0.76	10.00 -0.06 -0.76	9.95 -0.11 -0.65	9.96 -0.11 -0.74	10.60 -0.19 -0.81	16.33 -0.45 -0.77	17.56 -0.86 -0.83	16.73 -0.82 -0.51	16.48 -0.63 0.00	14.02 -0.39 -0.35	11.92 -0.24 -0.77	10.03 -0.25 -1.21	10.04 -0.18 -1.34	10.03 -0.21 -1.54	10.03 -0.24 -1.92	10.36 -0.28 -3.02	12.16 -0.30 -3.76	14.06 -0.43 -3.95	16.50 -0.75 -3.14	17.04 -0.88 -2.79	14.06 -0.50 -2.57	9.94 -0.27 -1.96	7.83 -0.12 -1.84
NGRID_A2_DSASP 323793	10.96 -0.14 -0.89	10.15 -0.16 -0.76	10.00 -0.06 -0.76	9.95 -0.11 -0.65	9.96 -0.11 -0.74	10.60 -0.19 -0.81	16.33 -0.45 -0.77	17.56 -0.86 -0.83	16.73 -0.82 -0.51	16.48 -0.63 0.00	14.02 -0.39 -0.35	11.92 -0.24 -0.77	10.03 -0.25 -1.21	10.04 -0.18 -1.34	10.03 -0.21 -1.54	10.03 -0.24 -1.92	10.36 -0.28 -3.02	12.16 -0.30 -3.76	14.06 -0.43 -3.95	16.50 -0.75 -3.14	17.04 -0.88 -2.79	14.06 -0.50 -2.57	9.94 -0.27 -1.96	7.83 -0.12 -1.84
NGRID_A4_DSASP 323807	10.96 -0.14 -0.89	10.15 -0.16 -0.76	10.00 -0.06 -0.76	9.95 -0.11 -0.65	9.96 -0.11 -0.74	10.60 -0.19 -0.81	16.33 -0.45 -0.77	17.56 -0.86 -0.83	16.73 -0.82 -0.51	16.48 -0.63 0.00	14.02 -0.39 -0.35	11.92 -0.24 -0.77	10.03 -0.25 -1.21	10.04 -0.18 -1.34	10.03 -0.21 -1.54	10.03 -0.24 -1.92	10.36 -0.28 -3.02	12.16 -0.30 -3.76	14.06 -0.43 -3.95	16.50 -0.75 -3.14	17.04 -0.88 -2.79	14.06 -0.50 -2.57	9.94 -0.27 -1.96	7.83 -0.12 -1.84
NIAGARA_115E_LBMP 323715	10.88 -0.21 -0.89	10.09 -0.22 -0.76	9.93 -0.13 -0.75	9.89 -0.17 -0.65	9.90 -0.17 -0.74	10.53 -0.25 -0.80	16.22 -0.56 -0.77	17.45 -0.97 -0.83	16.61 -0.94 -0.51	16.38 -0.74 0.00	13.92 -0.49 -0.35	11.84 -0.32 -0.77	9.96 -0.32 -1.20	9.97 -0.24 -1.34	9.96 -0.27 -1.54	9.98 -0.29 -1.91	10.29 -0.34 -3.01	12.08 -0.37 -3.75	13.97 -0.52 -3.94	16.38 -0.86 -3.13	16.92 -0.98 -2.78	13.95 -0.60 -2.57	9.89 -0.31 -1.96	7.79 -0.15 -1.84

NIAGARA_115W_LBMP 323714	10.92 -0.17 -0.89	10.13 -0.18 -0.76	9.98 -0.08 -0.75	9.93 -0.13 -0.65	9.94 -0.13 -0.74	10.57 -0.21 -0.81	16.30 -0.48 -0.77	17.52 -0.90 -0.83	16.69 -0.85 -0.51	16.44 -0.67 0.00	13.99 -0.42 -0.35	11.89 -0.26 -0.77	10.01 -0.27 -1.21	10.02 -0.20 -1.34	10.01 -0.23 -1.54	10.01 -0.26 -1.92	10.34 -0.30 -3.02	12.13 -0.32 -3.75	14.04 -0.45 -3.95	16.47 -0.78 -3.14	17.00 -0.91 -2.79	14.03 -0.53 -2.57	9.92 -0.29 -1.96	7.81 -0.13 -1.84
NIAGARA_230_LBMP 323716	10.99 -0.10 -0.88	10.19 -0.11 -0.75	10.03 -0.03 -0.75	9.99 -0.07 -0.64	9.99 -0.07 -0.73	10.64 -0.14 -0.80	16.40 -0.37 -0.76	17.64 -0.77 -0.82	16.81 -0.73 -0.50	16.58 -0.53 0.00	14.09 -0.32 -0.35	11.96 -0.18 -0.76	10.06 -0.21 -1.19	10.06 -0.13 -1.32	10.05 -0.17 -1.52	10.07 -0.18 -1.89	10.37 -0.23 -2.98	12.17 -0.24 -3.71	14.08 -0.36 -3.90	16.56 -0.65 -3.10	17.12 -0.76 -2.76	14.11 -0.42 -2.54	9.97 -0.21 -1.94	7.85 -0.07 -1.82
NIAGARA__115KV_198_GIBSON 55903	10.92 -0.17 -0.89	10.13 -0.18 -0.76	9.98 -0.08 -0.75	9.93 -0.13 -0.65	9.94 -0.13 -0.74	10.58 -0.21 -0.81	16.30 -0.48 -0.77	17.52 -0.90 -0.83	16.69 -0.85 -0.51	16.44 -0.67 0.00	14.03 -0.38 -0.35	11.92 -0.24 -0.77	10.02 -0.25 -1.21	10.03 -0.18 -1.34	10.03 -0.21 -1.54	10.01 -0.26 -1.92	10.34 -0.30 -3.02	12.13 -0.32 -3.75	14.03 -0.45 -3.94	16.47 -0.78 -3.14	17.00 -0.91 -2.79	14.03 -0.53 -2.57	9.92 -0.29 -1.96	7.82 -0.13 -1.84
NIAGARA____ 23760	10.91 -0.18 -0.89	10.12 -0.19 -0.76	9.96 -0.10 -0.75	9.91 -0.15 -0.65	9.92 -0.15 -0.74	10.55 -0.23 -0.80	16.28 -0.50 -0.76	17.55 -0.86 -0.82	16.72 -0.82 -0.50	16.48 -0.63 0.00	14.00 -0.41 -0.35	11.89 -0.26 -0.77	10.01 -0.26 -1.20	10.01 -0.20 -1.33	10.01 -0.22 -1.53	10.01 -0.25 -1.91	10.33 -0.30 -3.01	12.12 -0.32 -3.74	14.03 -0.44 -3.93	16.47 -0.76 -3.12	17.02 -0.88 -2.77	14.02 -0.53 -2.56	9.92 -0.28 -1.95	7.80 -0.13 -1.84
NINE_MILE_1 23575	10.40 -0.27 -0.46	9.69 -0.26 -0.39	9.45 -0.24 -0.39	9.50 -0.24 -0.33	9.47 -0.24 -0.38	10.13 -0.26 -0.41	16.00 -0.40 -0.39	17.52 -0.49 -0.42	16.82 -0.48 -0.26	16.65 -0.46 0.00	13.89 -0.35 -0.18	11.48 -0.30 -0.39	9.44 -0.24 -0.61	9.31 -0.24 -0.68	9.24 -0.23 -0.78	9.09 -0.23 -0.97	8.92 -0.22 -1.53	10.36 -0.24 -1.90	12.24 -0.30 -1.99	15.30 -0.39 -1.59	16.12 -0.41 -1.41	12.95 -0.34 -1.30	9.02 -0.22 -0.99	6.87 -0.16 -0.93
NINE_MILE_2 23744	10.40 -0.27 -0.46	9.69 -0.26 -0.39	9.45 -0.24 -0.39	9.50 -0.24 -0.33	9.47 -0.24 -0.38	10.13 -0.26 -0.41	16.00 -0.40 -0.39	17.52 -0.49 -0.42	16.82 -0.48 -0.26	16.65 -0.46 0.00	13.89 -0.35 -0.18	11.48 -0.30 -0.39	9.44 -0.24 -0.61	9.31 -0.24 -0.68	9.24 -0.23 -0.78	9.09 -0.23 -0.97	8.92 -0.22 -1.53	10.36 -0.24 -1.90	12.24 -0.30 -1.99	15.30 -0.39 -1.59	16.12 -0.41 -1.41	12.95 -0.34 -1.30	9.02 -0.22 -0.99	6.87 -0.16 -0.93
NM_CAPITAL____DRP 24208	17.16 0.28 -6.68	15.51 0.27 -5.69	15.22 0.27 -5.64	14.55 0.29 -4.85	15.15 0.28 -5.55	16.30 0.29 -6.03	22.10 0.42 -5.67	24.17 0.44 -6.13	21.27 0.48 -3.76	17.61 0.50 0.00	17.07 0.41 -2.60	17.43 0.33 -5.71	18.27 0.26 -8.93	19.05 0.26 -9.92	20.33 0.23 -11.39	22.77 0.22 -14.19	29.72 0.19 -21.91	36.16 0.23 -27.22	39.40 0.28 -28.57	37.57 0.37 -23.10	36.18 0.41 -20.65	31.35 0.32 -19.04	23.01 0.24 -14.52	19.91 0.16 -13.65
NM_CENTRAL____DRP 24181	10.72 -0.05 -0.57	9.98 -0.06 -0.48	9.74 -0.05 -0.48	9.78 -0.05 -0.41	9.75 -0.05 -0.47	10.45 -0.04 -0.51	16.46 -0.03 -0.48	18.02 -0.09 -0.52	17.27 -0.09 -0.32	17.03 -0.09 0.00	14.27 -0.01 -0.22	11.83 -0.03 -0.48	9.81 -0.02 -0.75	9.68 -0.03 -0.84	9.62 -0.03 -0.96	9.51 -0.04 -1.19	9.46 -0.05 -1.88	11.00 -0.04 -2.34	12.96 -0.04 -2.46	15.99 -0.07 -1.96	16.82 -0.05 -1.74	13.53 -0.06 -1.60	9.43 -0.04 -1.22	7.23 -0.02 -1.15
NM_FRONTIER____DRP 24179	10.92 -0.17 -0.89	10.13 -0.18 -0.76	9.98 -0.08 -0.75	9.93 -0.13 -0.65	9.94 -0.13 -0.74	10.58 -0.21 -0.81	16.30 -0.48 -0.77	17.52 -0.90 -0.83	16.69 -0.85 -0.51	16.44 -0.67 0.00	14.03 -0.38 -0.35	11.92 -0.24 -0.77	10.02 -0.25 -1.21	10.03 -0.18 -1.34	10.03 -0.21 -1.54	10.01 -0.26 -1.92	10.34 -0.30 -3.02	12.13 -0.32 -3.75	14.03 -0.45 -3.94	16.47 -0.78 -3.14	17.00 -0.91 -2.79	14.03 -0.53 -2.57	9.92 -0.29 -1.96	7.82 -0.13 -1.84
NM_ST_REGIS____HYD 24053	9.67 -0.53 0.00	9.08 -0.48 0.00	8.80 -0.51 0.00	8.91 -0.50 0.00	8.82 -0.50 0.00	9.46 -0.52 0.00	15.15 -0.86 0.00	16.68 -0.91 0.00	12.71 -1.09 3.24	12.05 -1.16 3.90	6.05 -1.08 6.93	4.85 -0.85 5.68	2.99 -0.68 5.40	2.98 -0.65 5.24	2.41 -0.63 5.66	2.36 -0.60 5.39	2.28 -0.53 4.81	2.45 -0.59 5.66	2.70 -0.71 7.14	3.50 -0.90 9.71	4.12 -0.97 10.04	2.94 -0.78 8.27	2.39 -0.55 5.31	2.07 -0.43 3.60
NORTHPORT____1 23551	20.47 0.95 -9.31	15.12 0.84 -4.72	16.95 0.86 -6.78	14.29 0.85 -4.03	14.74 0.80 -4.61	19.28 0.89 -8.41	25.08 1.44 -7.63	25.20 1.55 -6.06	25.02 1.69 -6.29	18.80 1.69 0.00	23.85 1.34 -8.45	23.03 1.10 -10.54	24.15 0.86 -14.21	24.94 0.85 -15.22	25.94 0.83 -16.42	26.38 0.78 -17.25	27.43 0.70 -19.12	33.27 0.77 -23.79	36.56 0.95 -25.07	38.82 1.24 -23.47	43.04 1.38 -26.55	31.64 0.98 -18.67	26.51 0.70 -17.56	24.24 0.57 -17.57
NORTHPORT____2 23552	20.47 0.95 -9.31	15.12 0.84 -4.72	16.95 0.86 -6.78	14.29 0.85 -4.03	14.74 0.80 -4.61	19.28 0.89 -8.41	25.08 1.44 -7.63	25.20 1.55 -6.06	25.02 1.69 -6.29	18.80 1.69 0.00	23.85 1.34 -8.45	23.03 1.10 -10.54	24.15 0.86 -14.21	24.94 0.85 -15.22	25.94 0.83 -16.42	26.38 0.78 -17.25	27.43 0.70 -19.12	33.27 0.77 -23.79	36.56 0.95 -25.07	38.82 1.24 -23.47	43.04 1.38 -26.55	31.64 0.98 -18.67	26.51 0.70 -17.56	24.24 0.57 -17.57
NORTHPORT____3 23553	20.67 1.15 -9.31	15.31 1.03 -4.72	17.14 1.04 -6.78	14.46 1.02 -4.03	14.92 0.99 -4.61	19.48 1.09 -8.41	25.38 1.75 -7.63	25.57 1.92 -6.06	25.34 2.01 -6.29	19.15 2.04 0.00	24.17 1.66 -8.45	23.30 1.38 -10.54	24.37 1.09 -14.21	25.16 1.07 -15.22	26.17 1.06 -16.42	26.64 1.03 -17.25	27.60 0.86 -19.12	33.41 0.90 -23.80	36.74 1.12 -25.08	39.05 1.47 -23.48	42.99 1.28 -26.59	31.89 1.22 -18.68	26.74 0.92 -17.57	24.38 0.70 -17.57
NORTHPORT____4 23650	20.67 1.15 -9.31	15.31 1.03 -4.72	17.14 1.04 -6.78	14.46 1.02 -4.03	14.92 0.99 -4.61	19.48 1.09 -8.41	25.38 1.75 -7.63	25.57 1.92 -6.06	25.34 2.01 -6.29	19.15 2.04 0.00	24.17 1.66 -8.45	23.30 1.38 -10.54	24.37 1.09 -14.21	25.16 1.07 -15.22	26.17 1.06 -16.42	26.64 1.03 -17.25	27.60 0.86 -19.12	33.41 0.90 -23.80	36.74 1.12 -25.08	39.05 1.47 -23.48	42.99 1.28 -26.59	31.89 1.22 -18.68	26.74 0.92 -17.57	24.38 0.70 -17.57
NORTHPORT____IC 23718	20.47 0.95 -9.31	15.12 0.84 -4.72	16.95 0.86 -6.78	14.29 0.85 -4.03	14.74 0.80 -4.61	19.28 0.89 -8.41	25.08 1.44 -7.63	25.20 1.55 -6.06	25.02 1.69 -6.29	18.80 1.69 0.00	23.85 1.34 -8.45	23.03 1.10 -10.54	24.15 0.86 -14.21	24.94 0.85 -15.22	25.94 0.83 -16.42	26.38 0.78 -17.25	27.43 0.70 -19.12	33.27 0.77 -23.79	36.56 0.95 -25.07	38.82 1.24 -23.47	43.04 1.38 -26.55	31.64 0.98 -18.67	26.51 0.70 -17.56	24.24 0.57 -17.57

NORTH__COUNTRY_ESR 323785	9.92 -0.29 0.00	9.32 -0.24 0.00	9.04 -0.27 0.00	9.15 -0.26 0.00	9.04 -0.29 0.00	9.65 -0.33 0.00	15.37 -0.64 0.00	16.92 -0.67 0.00	12.28 -0.92 3.84	11.38 -1.11 4.62	4.73 -1.11 8.22	-0.18 -0.89 10.68	-0.54 -0.71 8.91	-0.55 -0.67 8.75	-0.51 -0.65 8.55	-0.51 -0.63 8.24	-0.53 -0.57 7.58	-0.51 -0.63 8.57	-0.48 -0.78 10.25	-0.43 -1.02 13.52	-0.47 -1.10 14.49	-0.45 -0.87 11.56	-0.51 -0.61 8.15	-0.55 -0.46 6.19
NPX_GEN_1385_PROXY 323591	20.29 0.78 -9.31	14.96 0.68 -4.72	16.78 0.69 -6.78	14.16 0.71 -4.03	14.57 0.63 -4.61	19.11 0.72 -8.41	24.81 1.17 -7.63	24.92 1.27 -6.06	24.73 1.40 -6.29	18.50 1.39 0.00	23.37 0.86 -8.45	22.64 0.72 -10.54	23.35 0.53 -13.75	23.39 0.51 -14.00	24.09 0.50 -14.90	25.65 0.47 -16.83	27.21 0.48 -19.12	33.00 0.50 -23.79	36.31 0.70 -25.07	38.48 0.90 -23.47	42.56 0.89 -26.55	31.44 0.78 -18.67	26.34 0.53 -17.56	24.05 0.37 -17.57
NPX_GEN_CSC 323557	20.54 1.02 -9.31	15.19 0.91 -4.72	17.02 0.92 -6.78	14.37 0.93 -4.03	14.79 0.86 -4.61	19.36 0.97 -8.41	25.21 1.57 -7.63	25.38 1.73 -6.06	25.13 1.81 -6.29	18.89 1.78 0.00	23.95 1.43 -8.45	23.11 1.18 -10.54	24.22 0.93 -14.21	25.01 0.92 -15.22	26.03 0.92 -16.42	26.51 0.89 -17.25	27.58 0.84 -19.12	33.44 0.93 -23.81	36.77 1.14 -25.09	39.09 1.49 -23.49	43.79 1.59 -27.08	31.87 1.20 -18.68	26.63 0.82 -17.56	24.30 0.63 -17.57
NSINS_S_GLNS_FALLS 23858	17.44 0.30 -6.94	15.75 0.29 -5.91	15.45 0.28 -5.86	14.74 0.29 -5.04	15.38 0.29 -5.76	16.58 0.34 -6.26	22.57 0.67 -5.89	24.67 0.70 -6.37	21.52 0.58 -3.90	18.02 0.91 0.00	17.51 0.75 -2.70	17.89 0.57 -5.94	18.79 0.44 -9.28	19.62 0.44 -10.31	20.97 0.43 -11.84	23.37 0.27 -14.75	30.64 0.24 -22.79	37.36 0.34 -28.32	40.63 0.41 -29.68	38.68 0.59 -23.98	37.29 0.74 -21.42	32.26 0.53 -19.75	23.65 0.33 -15.07	20.48 0.22 -14.16
NUCOR_STEEL__DRP 24197	11.07 0.12 -0.74	10.29 0.11 -0.63	10.06 0.12 -0.63	10.08 0.13 -0.54	10.08 0.13 -0.62	10.79 0.14 -0.67	16.93 0.29 -0.63	18.53 0.26 -0.68	17.64 0.19 -0.42	17.33 0.22 0.00	14.56 0.21 -0.29	12.16 0.14 -0.63	10.18 0.12 -0.99	10.08 0.11 -1.10	10.05 0.09 -1.27	10.01 0.08 -1.58	10.16 0.07 -2.47	11.87 0.10 -3.07	13.91 0.14 -3.23	16.86 0.18 -2.57	17.65 0.24 -2.28	14.22 0.13 -2.10	9.95 0.10 -1.60	7.69 0.09 -1.51
NUMBER_THREE_WT_PWR 323818	10.37 -0.07 -0.24	9.70 -0.06 -0.20	9.44 -0.07 -0.20	9.51 -0.08 -0.17	9.47 -0.06 -0.20	10.14 -0.05 -0.22	16.18 -0.03 -0.20	17.74 -0.07 -0.22	16.18 -0.17 0.69	15.85 -0.27 0.99	11.96 -0.44 1.67	9.68 -0.41 1.29	7.65 -0.34 1.09	7.52 -0.34 1.01	7.30 -0.34 1.06	7.16 -0.31 0.89	6.92 -0.24 0.45	7.97 -0.26 0.47	9.47 -0.27 0.80	12.20 -0.24 1.67	13.10 -0.17 1.85	10.32 -0.22 1.45	7.23 -0.16 0.86	5.52 -0.13 0.45
NYISO_LBMP_REFERENCE 24008	10.21 0.00 0.00	9.55 0.00 0.00	9.31 0.00 0.00	9.41 0.00 0.00	9.33 0.00 0.00	9.98 0.00 0.00	16.01 0.00 0.00	17.59 0.00 0.00	17.04 0.00 0.00	17.11 0.00 0.00	14.06 0.00 0.00	11.39 0.00 0.00	9.07 0.00 0.00	8.87 0.00 0.00	8.70 0.00 0.00	8.36 0.00 0.00	7.62 0.00 0.00	8.70 0.00 0.00	10.54 0.00 0.00	14.10 0.00 0.00	15.12 0.00 0.00	11.99 0.00 0.00	8.25 0.00 0.00	6.10 0.00 0.00
NYPA_BRENTWD__GT 24164	20.63 1.11 -9.31	15.27 0.99 -4.72	17.10 1.01 -6.78	14.43 0.99 -4.03	14.89 0.95 -4.61	19.44 1.05 -8.41	25.33 1.70 -7.63	25.50 1.85 -6.06	25.29 1.96 -6.29	19.06 1.95 0.00	24.07 1.56 -8.45	23.22 1.30 -10.54	24.30 1.02 -14.21	25.09 1.00 -15.22	26.10 0.98 -16.42	26.55 0.94 -17.25	27.60 0.86 -19.12	33.51 0.97 -23.84	36.84 1.18 -25.12	39.17 1.55 -23.52	44.99 1.66 -28.20	31.96 1.26 -18.72	26.68 0.87 -17.56	24.35 0.68 -17.57
NYPA_GOWANUS__GT5 24156	16.73 0.97 -5.55	15.15 0.87 -4.73	14.86 0.86 -4.69	14.29 0.84 -4.04	14.78 0.84 -4.61	15.81 0.83 -5.01	21.98 1.26 -4.71	24.17 1.46 -5.12	21.77 1.60 -3.13	18.83 1.69 -0.02	17.63 1.41 -2.16	18.23 1.17 -5.67	18.62 0.93 -8.61	19.56 0.91 -9.78	19.20 0.91 -9.59	21.08 0.89 -11.83	27.58 0.84 -19.12	33.42 0.92 -23.80	36.68 1.06 -25.08	35.02 1.38 -19.53	33.68 1.38 -17.19	28.91 1.08 -15.84	21.05 0.71 -12.09	18.07 0.60 -11.37
NYPA_GOWANUS__GT6 24157	16.73 0.97 -5.55	15.15 0.87 -4.73	14.86 0.86 -4.69	14.29 0.84 -4.04	14.78 0.84 -4.61	15.81 0.83 -5.01	21.98 1.26 -4.71	24.17 1.46 -5.12	21.77 1.60 -3.13	18.83 1.69 -0.02	17.63 1.41 -2.16	18.23 1.17 -5.67	18.62 0.93 -8.61	19.56 0.91 -9.78	19.20 0.91 -9.59	21.08 0.89 -11.83	27.58 0.84 -19.12	33.42 0.92 -23.80	36.68 1.06 -25.08	35.02 1.38 -19.53	33.68 1.38 -17.19	28.91 1.08 -15.84	21.05 0.71 -12.09	18.07 0.60 -11.37
NYPA_HARLEM_RVR_GT1 24160	16.71 0.95 -5.55	15.15 0.87 -4.73	14.87 0.87 -4.69	14.31 0.87 -4.04	14.80 0.86 -4.61	15.79 0.81 -5.01	21.91 1.20 -4.70	24.08 1.37 -5.11	21.69 1.53 -3.12	18.78 1.66 -0.01	17.58 1.36 -2.15	17.39 1.14 -4.86	17.55 0.91 -7.57	18.18 0.88 -8.43	19.08 0.88 -9.50	21.04 0.86 -11.82	27.50 0.77 -19.11	33.34 0.84 -23.79	36.58 0.97 -25.07	34.88 1.25 -19.53	33.55 1.25 -17.18	28.82 0.99 -15.83	20.98 0.65 -12.08	18.05 0.58 -11.37
NYPA_HARLEM_RVR_GT2 24161	16.71 0.95 -5.55	15.15 0.87 -4.73	14.87 0.87 -4.69	14.31 0.87 -4.04	14.80 0.86 -4.61	15.79 0.81 -5.01	21.91 1.20 -4.70	24.08 1.37 -5.11	21.69 1.53 -3.12	18.78 1.66 -0.01	17.58 1.36 -2.15	17.39 1.14 -4.86	17.55 0.91 -7.57	18.18 0.88 -8.43	19.08 0.88 -9.50	21.04 0.86 -11.82	27.50 0.77 -19.11	33.34 0.84 -23.79	36.58 0.97 -25.07	34.88 1.25 -19.53	33.55 1.25 -17.18	28.82 0.99 -15.83	20.98 0.65 -12.08	18.05 0.58 -11.37
NYPA_KENT__GT 24152	16.72 0.96 -5.55	15.15 0.86 -4.73	14.85 0.85 -4.69	14.29 0.84 -4.04	14.77 0.83 -4.62	15.82 0.84 -5.01	22.00 1.28 -4.71	24.17 1.46 -5.12	21.77 1.60 -3.13	18.83 1.69 -0.02	17.63 1.41 -2.16	18.23 1.17 -5.67	18.61 0.93 -8.61	19.56 0.91 -9.78	19.19 0.90 -9.59	21.08 0.89 -11.83	27.56 0.82 -19.12	33.41 0.90 -23.80	36.66 1.04 -25.08	34.99 1.35 -19.53	33.65 1.35 -17.19	28.90 1.07 -15.84	21.04 0.70 -12.09	18.06 0.59 -11.37
NYPA_POUCH1__GT 24155	16.72 0.96 -5.55	15.15 0.87 -4.73	14.85 0.85 -4.69	14.28 0.83 -4.04	14.77 0.83 -4.61	15.77 0.79 -5.01	21.87 1.15 -4.71	24.02 1.32 -5.11	21.62 1.47 -3.12	18.66 1.54 -0.01	17.51 1.29 -2.15	17.97 1.08 -5.51	18.35 0.88 -8.40	19.23 0.85 -9.51	19.11 0.85 -9.56	21.01 0.84 -11.82	27.52 0.79 -19.11	33.37 0.88 -23.79	36.60 0.99 -25.07	34.93 1.30 -19.53	33.58 1.28 -17.18	28.82 0.99 -15.83	21.01 0.68 -12.09	18.07 0.60 -11.37
NYPA_VERNON__GT2 24162	16.71 0.95 -5.55	15.14 0.85 -4.73	14.85 0.85 -4.69	14.28 0.83 -4.04	14.77 0.83 -4.62	15.82 0.84 -5.01	22.00 1.28 -4.71	24.17 1.46 -5.12	21.77 1.60 -3.13	18.81 1.68 -0.02	17.63 1.41 -2.16	18.22 1.16 -5.67	18.60 0.92 -8.61	19.55 0.90 -9.78	19.18 0.90 -9.59	21.07 0.88 -11.83	27.54 0.80 -19.12	33.39 0.89 -23.80	36.64 1.02 -25.08	34.96 1.33 -19.53	33.64 1.33 -17.19	28.88 1.06 -15.84	21.04 0.70 -12.09	18.05 0.58 -11.37

NYPA_VERNON___GT3 24163	16.71 0.95 -5.55	15.14 0.85 -4.73	14.85 0.85 -4.69	14.28 0.83 -4.04	14.77 0.83 -4.62	15.82 0.84 -5.01	22.00 1.28 -4.71	24.17 1.46 -5.12	21.77 1.60 -3.13	18.81 1.68 -0.02	17.63 1.41 -2.16	18.22 1.16 -5.67	18.60 0.92 -8.61	19.55 0.90 -9.78	19.18 0.90 -9.59	21.07 0.88 -11.83	27.54 0.80 -19.12	33.39 0.89 -23.80	36.64 1.02 -25.08	34.96 1.33 -19.53	33.64 1.33 -17.19	28.88 1.06 -15.84	21.04 0.70 -12.09	18.05 0.58 -11.37
NYPA___ASTORIA_CC1 323568	16.71 0.95 -5.55	15.14 0.85 -4.73	14.85 0.85 -4.69	14.28 0.83 -4.04	14.77 0.83 -4.61	15.82 0.84 -5.01	21.98 1.26 -4.71	24.15 1.44 -5.12	21.75 1.58 -3.13	18.79 1.66 -0.02	17.60 1.38 -2.16	18.20 1.14 -5.67	18.59 0.91 -8.61	19.54 0.89 -9.78	19.16 0.88 -9.59	21.05 0.86 -11.83	27.53 0.79 -19.12	33.37 0.87 -23.80	36.62 1.00 -25.08	34.95 1.31 -19.53	33.61 1.30 -17.19	28.86 1.03 -15.84	21.02 0.68 -12.09	18.05 0.58 -11.37
NYPA___ASTORIA_CC2 323569	16.71 0.95 -5.55	15.14 0.85 -4.73	14.85 0.85 -4.69	14.28 0.83 -4.04	14.77 0.83 -4.61	15.82 0.84 -5.01	21.98 1.26 -4.71	24.15 1.44 -5.12	21.75 1.58 -3.13	18.79 1.66 -0.02	17.60 1.38 -2.16	18.20 1.14 -5.67	18.59 0.91 -8.61	19.54 0.89 -9.78	19.16 0.88 -9.59	21.05 0.86 -11.83	27.53 0.79 -19.12	33.37 0.87 -23.80	36.62 1.00 -25.08	34.95 1.31 -19.53	33.61 1.30 -17.19	28.86 1.03 -15.84	21.02 0.68 -12.09	18.05 0.58 -11.37
NYPA___HOLTSVILL 23794	20.63 1.11 -9.31	15.26 0.98 -4.72	17.09 1.00 -6.78	14.43 0.99 -4.03	14.88 0.94 -4.61	19.44 1.05 -8.41	25.33 1.70 -7.63	25.50 1.85 -6.06	25.27 1.94 -6.29	19.04 1.93 0.00	24.07 1.56 -8.45	23.21 1.29 -10.54	24.30 1.02 -14.21	25.09 1.00 -15.22	26.10 0.99 -16.42	26.56 0.95 -17.25	27.62 0.88 -19.12	33.48 0.97 -23.81	36.81 1.18 -25.09	39.14 1.55 -23.49	43.85 1.65 -27.08	31.93 1.26 -18.68	26.68 0.87 -17.56	24.35 0.68 -17.57
NYPA___HELLGATE_GT1 24158	16.71 0.95 -5.55	15.15 0.87 -4.73	14.87 0.87 -4.69	14.31 0.87 -4.04	14.80 0.86 -4.61	15.79 0.81 -5.01	21.91 1.20 -4.70	24.08 1.37 -5.11	21.69 1.53 -3.12	18.78 1.66 -0.01	17.58 1.36 -2.15	18.66 1.14 -6.14	19.19 0.91 -9.21	20.32 0.88 -10.57	19.20 0.88 -9.62	21.04 0.86 -11.82	27.50 0.77 -19.11	33.34 0.84 -23.79	36.58 0.97 -25.07	34.88 1.25 -19.53	33.55 1.25 -17.18	28.82 0.99 -15.83	20.98 0.65 -12.08	18.05 0.58 -11.37
NYPA___HELLGATE_GT2 24159	16.71 0.95 -5.55	15.15 0.87 -4.73	14.87 0.87 -4.69	14.31 0.87 -4.04	14.80 0.86 -4.61	15.79 0.81 -5.01	21.91 1.20 -4.70	24.08 1.37 -5.11	21.69 1.53 -3.12	18.78 1.66 -0.01	17.58 1.36 -2.15	18.66 1.14 -6.14	19.19 0.91 -9.21	20.32 0.88 -10.57	19.20 0.88 -9.62	21.04 0.86 -11.82	27.50 0.77 -19.11	33.34 0.84 -23.79	36.58 0.97 -25.07	34.88 1.25 -19.53	33.55 1.25 -17.18	28.82 0.99 -15.83	20.98 0.65 -12.08	18.05 0.58 -11.37
NYS_BARGE___HYD 23848	11.02 -0.06 -0.87	10.22 -0.08 -0.74	10.06 0.01 -0.74	10.02 -0.03 -0.63	10.02 -0.03 -0.72	10.66 -0.11 -0.79	16.45 -0.32 -0.75	17.70 -0.70 -0.82	16.85 -0.68 -0.50	16.63 -0.48 0.00	14.11 -0.30 -0.34	11.97 -0.17 -0.76	10.06 -0.20 -1.19	10.06 -0.12 -1.32	10.05 -0.16 -1.51	10.06 -0.18 -1.88	10.34 -0.24 -2.97	12.14 -0.25 -3.69	14.05 -0.37 -3.88	16.54 -0.65 -3.09	17.11 -0.76 -2.74	14.09 -0.42 -2.53	9.97 -0.21 -1.93	7.84 -0.07 -1.81
OAK ORCHARD___HYD 24046	11.01 0.06 -0.74	10.24 0.06 -0.63	10.04 0.10 -0.63	10.04 0.08 -0.54	10.03 0.08 -0.62	10.71 0.06 -0.67	16.70 0.06 -0.62	18.14 -0.12 -0.67	17.35 -0.10 -0.41	17.06 -0.05 0.00	14.42 0.07 -0.29	12.06 0.05 -0.63	10.08 0.03 -0.98	10.02 0.06 -1.09	9.99 0.04 -1.25	9.95 0.03 -1.56	10.05 -0.02 -2.46	11.76 0.00 -3.05	13.72 -0.03 -3.21	16.56 -0.10 -2.55	17.27 -0.12 -2.27	14.05 -0.02 -2.09	9.87 0.02 -1.59	7.65 0.05 -1.50
OAKDALE___35_KV_LOAD 356122	12.11 0.18 -1.72	11.19 0.16 -1.47	10.94 0.18 -1.46	10.83 0.17 -1.25	10.94 0.18 -1.43	11.71 0.18 -1.56	17.77 0.29 -1.47	19.41 0.23 -1.58	18.24 0.24 -0.97	17.37 0.26 0.00	14.97 0.24 -0.67	13.04 0.18 -1.47	11.51 0.14 -2.31	11.57 0.13 -2.56	11.77 0.13 -2.94	12.13 0.11 -3.66	13.48 0.10 -5.77	16.00 0.12 -7.17	18.24 0.16 -7.54	20.27 0.17 -6.00	20.64 0.20 -5.33	17.05 0.16 -4.91	12.11 0.12 -3.75	9.73 0.10 -3.52
OCC_CHEM___DRP 24175	10.96 -0.14 -0.89	10.15 -0.16 -0.76	10.00 -0.07 -0.76	9.95 -0.11 -0.65	9.96 -0.11 -0.74	10.60 -0.19 -0.81	16.33 -0.45 -0.77	17.56 -0.86 -0.83	16.73 -0.82 -0.51	16.50 -0.62 0.00	14.06 -0.35 -0.77	11.94 -0.22 -1.21	10.04 -0.24 -1.34	10.05 -0.16 -1.54	10.05 -0.19 -1.92	10.03 -0.24 -1.92	10.36 -0.28 -3.02	12.15 -0.30 -3.76	14.06 -0.43 -3.95	16.50 -0.75 -3.14	17.04 -0.88 -2.79	14.06 -0.50 -2.57	9.94 -0.27 -1.96	7.83 -0.12 -1.84
OH_GEN_PROXY 24063	11.00 -0.09 -0.89	10.20 -0.10 -0.76	10.04 -0.02 -0.75	10.00 -0.06 -0.64	10.00 -0.06 -0.74	10.66 -0.12 -0.80	16.43 -0.34 -0.76	17.71 -0.70 -0.82	16.87 -0.66 -0.50	16.65 -0.46 0.00	14.14 -0.27 -0.35	12.00 -0.15 -0.76	10.08 -0.18 -1.19	10.08 -0.12 -1.33	10.08 -0.14 -1.52	10.09 -0.16 -1.90	10.40 -0.21 -2.99	12.20 -0.22 -3.72	14.13 -0.32 -3.90	16.62 -0.59 -3.11	17.19 -0.70 -2.76	14.15 -0.38 -2.54	10.00 -0.19 -1.94	7.86 -0.06 -1.82
OLIN_CORP_DRP 24177	10.91 -0.19 -0.90	10.12 -0.20 -0.76	9.96 -0.10 -0.76	9.91 -0.15 -0.65	9.92 -0.15 -0.74	10.56 -0.23 -0.81	16.25 -0.53 -0.77	17.49 -0.93 -0.83	16.66 -0.89 -0.51	16.41 -0.70 0.00	13.99 -0.42 -0.35	11.89 -0.27 -0.78	10.00 -0.28 -1.21	10.02 -0.20 -1.35	10.01 -0.23 -1.55	10.02 -0.27 -1.93	10.32 -0.33 -3.03	12.13 -0.35 -3.77	14.02 -0.48 -3.96	16.44 -0.82 -3.16	16.99 -0.94 -2.80	14.01 -0.56 -2.58	9.92 -0.30 -1.97	7.81 -0.14 -1.85
OLIN_CORP_DSASP 323712	10.96 -0.14 -0.89	10.15 -0.16 -0.76	10.00 -0.06 -0.76	9.95 -0.11 -0.65	9.96 -0.11 -0.74	10.60 -0.19 -0.81	16.33 -0.45 -0.77	17.56 -0.86 -0.83	16.73 -0.82 -0.51	16.48 -0.63 0.00	14.02 -0.39 -0.35	11.92 -0.24 -0.77	10.03 -0.25 -1.21	10.04 -0.18 -1.34	10.03 -0.21 -1.54	10.03 -0.24 -1.92	10.36 -0.28 -3.02	12.16 -0.30 -3.76	14.06 -0.43 -3.95	16.50 -0.75 -3.14	17.04 -0.88 -2.79	14.06 -0.50 -2.57	9.94 -0.27 -1.96	7.83 -0.12 -1.84
ONEIDA_HERK_LFGE 323681	10.48 0.06 -0.21	9.80 0.07 -0.18	9.53 0.05 -0.18	9.61 0.05 -0.15	9.56 0.06 -0.17	10.24 0.07 -0.19	16.35 0.16 -0.18	17.94 0.16 -0.19	16.99 0.10 0.15	16.84 0.05 0.32	13.52 -0.06 0.49	11.02 -0.08 0.28	8.83 -0.08 0.16	8.67 -0.09 0.12	8.50 -0.09 0.11	8.28 -0.08 0.00	7.88 -0.05 -0.31	9.07 -0.04 -0.41	10.85 -0.02 -0.33	14.11 0.07 0.07	15.08 0.14 0.18	11.94 0.04 0.08	8.28 0.01 -0.02	6.24 0.01 -0.13
ONEIDA___115KV_TB4 55905	10.76 0.18 -0.37	10.04 0.17 -0.31	9.79 0.17 -0.31	9.85 0.17 -0.27	9.81 0.18 -0.31	10.51 0.20 -0.33	16.69 0.37 -0.31	18.30 0.37 -0.34	17.55 0.31 -0.21	17.37 0.26 0.00	14.39 0.18 -0.14	11.83 0.13 -0.31	9.65 0.09 -0.49	9.49 0.07 -0.55	9.39 0.07 -0.63	9.21 0.08 -0.78	8.94 0.09 -1.23	10.35 0.11 -1.53	12.32 0.17 -1.61	15.70 0.31 -1.28	16.65 0.39 -1.14	13.28 0.24 -1.05	9.21 0.16 -0.80	6.97 0.12 -0.75

ONONDAGA_REF_OCCRA 23987	10.86 -0.02 -0.67	10.10 -0.03 -0.57	9.87 -0.01 -0.57	9.89 -0.01 -0.49	9.89 0.00 -0.56	10.59 0.00 -0.61	16.62 0.03 -0.57	18.19 -0.02 -0.62	17.40 -0.02 -0.38	17.09 -0.02 0.00	14.35 0.03 -0.26	11.97 0.01 -0.57	9.98 0.01 -0.90	9.87 0.00 -0.99	9.84 0.00 -1.14	9.77 -0.01 -1.42	9.85 -0.02 -2.25	11.50 0.00 -2.80	13.49 0.01 -2.94	16.44 0.00 -2.34	17.23 0.03 -2.08	13.90 0.00 -1.91	9.71 0.00 -1.46	7.48 0.01 -1.37
ONONDAGA___COGEN 23986	10.84 -0.01 -0.64	10.08 -0.02 -0.55	9.84 -0.01 -0.54	9.88 0.00 -0.47	9.86 0.00 -0.53	10.56 0.00 -0.58	16.60 0.05 -0.54	18.18 0.00 -0.59	17.38 -0.02 -0.36	17.11 0.00 0.00	14.34 0.03 -0.25	11.93 0.01 -0.54	9.92 0.01 -0.84	9.81 0.00 -0.93	9.76 -0.01 -1.07	9.68 -0.02 -1.34	9.73 -0.02 -2.13	11.34 -0.02 -2.65	13.33 0.00 -2.79	16.31 -0.01 -2.22	17.11 0.02 -1.97	13.78 -0.02 -1.82	9.63 -0.01 -1.38	7.40 0.00 -1.30
ONTARIO___LFGE 23819	11.23 0.17 -0.85	10.42 0.14 -0.73	10.20 0.17 -0.72	10.20 0.17 -0.62	10.21 0.18 -0.71	10.94 0.19 -0.77	17.17 0.45 -0.71	18.75 0.39 -0.77	17.83 0.32 -0.47	17.45 0.34 0.00	14.70 0.31 -0.33	12.31 0.21 -0.72	10.36 0.16 -1.12	10.27 0.15 -1.25	10.27 0.14 -1.43	10.26 0.12 -1.79	10.53 0.10 -2.82	12.35 0.15 -3.50	14.45 0.22 -3.68	17.30 0.27 -2.93	18.04 0.32 -2.60	14.59 0.20 -2.40	10.22 0.14 -1.83	7.94 0.12 -1.72
ORANGEVILLE_WT_PWR 323706	11.38 0.12 -1.05	10.54 0.09 -0.90	10.36 0.16 -0.89	10.31 0.13 -0.76	10.33 0.13 -0.87	11.01 0.08 -0.95	16.90 -0.03 -0.92	18.27 -0.32 -0.99	17.35 -0.29 -0.61	17.04 -0.07 0.00	14.43 -0.06 -0.42	12.31 0.00 -0.92	10.46 -0.05 -1.45	10.47 -0.01 -1.60	10.49 -0.05 -1.84	10.57 -0.08 -2.30	11.11 -0.13 -3.62	13.07 -0.13 -4.50	15.07 -0.20 -4.73	17.46 -0.41 -3.76	17.97 -0.50 -3.34	14.79 -0.28 -3.08	10.45 -0.15 -2.35	8.25 -0.06 -2.21
ORANGEVILLE___ESR 323794	11.38 0.12 -1.05	10.54 0.09 -0.90	10.36 0.16 -0.89	10.31 0.13 -0.76	10.33 0.13 -0.87	11.01 0.08 -0.95	16.90 -0.03 -0.92	18.27 -0.32 -0.99	17.35 -0.29 -0.61	17.04 -0.07 0.00	14.43 -0.06 -0.42	12.31 0.00 -0.92	10.46 -0.05 -1.45	10.47 -0.01 -1.60	10.49 -0.05 -1.84	10.57 -0.08 -2.30	11.11 -0.13 -3.62	13.07 -0.13 -4.50	15.07 -0.20 -4.73	17.46 -0.41 -3.76	17.97 -0.50 -3.34	14.79 -0.28 -3.08	10.45 -0.15 -2.35	8.25 -0.06 -2.21
OSWEGATCHIE___HYD 24044	10.00 -0.38 -0.18	9.37 -0.33 -0.15	9.09 -0.36 -0.15	9.19 -0.35 -0.13	9.13 -0.34 -0.15	9.80 -0.34 -0.16	15.60 -0.56 -0.15	17.14 -0.62 -0.16	14.29 -0.75 2.00	13.75 -0.84 2.52	8.83 -0.82 4.42	7.01 -0.67 3.70	5.16 -0.54 3.37	5.09 -0.53 3.25	4.73 -0.51 3.45	4.67 -0.48 3.20	4.60 -0.41 2.61	5.22 -0.46 3.02	6.08 -0.53 3.93	7.73 -0.61 5.76	8.44 -0.61 6.07	6.54 -0.52 4.93	4.74 -0.37 3.14	3.76 -0.29 2.06
OSWEGO___5 23606	10.52 -0.20 -0.52	9.79 -0.20 -0.44	9.57 -0.18 -0.44	9.61 -0.18 -0.38	9.58 -0.18 -0.43	10.25 -0.19 -0.47	16.16 -0.29 -0.44	17.70 -0.37 -0.47	16.95 -0.37 -0.29	16.75 -0.36 0.00	13.99 -0.27 -0.20	11.60 -0.23 -0.44	9.58 -0.18 -0.69	9.45 -0.19 -0.76	9.39 -0.18 -0.88	9.27 -0.18 -1.09	9.16 -0.17 -1.72	10.65 -0.19 -2.14	12.57 -0.22 -2.25	15.58 -0.31 -1.79	16.39 -0.32 -1.59	13.19 -0.26 -1.47	9.19 -0.17 -1.12	7.04 -0.12 -1.05
OSWEGO___6 23613	10.52 -0.20 -0.52	9.79 -0.20 -0.44	9.57 -0.18 -0.44	9.61 -0.18 -0.38	9.58 -0.18 -0.43	10.25 -0.19 -0.47	16.16 -0.29 -0.44	17.70 -0.37 -0.47	16.95 -0.37 -0.29	16.75 -0.36 0.00	13.99 -0.27 -0.20	11.60 -0.23 -0.44	9.58 -0.18 -0.69	9.45 -0.19 -0.76	9.39 -0.18 -0.88	9.27 -0.18 -1.09	9.16 -0.17 -1.72	10.65 -0.19 -2.14	12.57 -0.22 -2.25	15.58 -0.31 -1.79	16.39 -0.32 -1.59	13.19 -0.26 -1.47	9.19 -0.17 -1.12	7.04 -0.12 -1.05
OUTOKUMPU-AB___DRP 24206	11.16 0.05 -0.91	10.35 0.02 -0.77	10.18 0.10 -0.77	10.14 0.07 -0.66	10.15 0.07 -0.75	10.79 -0.01 -0.82	16.63 -0.16 -0.78	17.94 -0.49 -0.85	17.08 -0.48 -0.52	16.80 -0.31 0.00	14.31 -0.11 -0.36	12.15 -0.02 -0.79	10.22 -0.08 -1.23	10.23 -0.01 -1.37	10.23 -0.03 -1.57	10.21 -0.10 -1.95	10.53 -0.16 -3.08	12.36 -0.17 -3.82	14.31 -0.25 -4.02	16.80 -0.51 -3.20	17.36 -0.60 -2.84	14.31 -0.30 -2.62	10.12 -0.13 -2.00	7.95 -0.02 -1.88
OXBOW____ 24026	11.08 -0.03 -0.90	10.27 -0.05 -0.77	10.11 0.04 -0.76	10.07 0.00 -0.65	10.07 -0.01 -0.75	10.71 -0.08 -0.81	16.51 -0.27 -0.78	17.80 -0.63 -0.84	16.94 -0.61 -0.51	16.70 -0.41 0.00	14.18 -0.24 -0.35	12.05 -0.11 -0.78	10.14 -0.15 -1.22	10.14 -0.08 -1.35	10.14 -0.11 -1.55	10.13 -0.16 -1.94	10.46 -0.21 -3.05	12.28 -0.22 -3.79	14.21 -0.32 -3.99	16.69 -0.59 -3.17	17.24 -0.70 -2.82	14.21 -0.37 -2.60	10.05 -0.18 -1.98	7.91 -0.06 -1.86
OXY_CHEM_DSASP 323612	10.96 -0.14 -0.89	10.15 -0.16 -0.76	10.00 -0.06 -0.76	9.95 -0.11 -0.65	9.96 -0.11 -0.74	10.60 -0.19 -0.81	16.33 -0.45 -0.77	17.56 -0.86 -0.83	16.73 -0.82 -0.51	16.48 -0.63 0.00	14.02 -0.39 -0.35	11.92 -0.24 -0.77	10.03 -0.25 -1.21	10.04 -0.18 -1.34	10.03 -0.21 -1.54	10.03 -0.24 -1.92	10.36 -0.28 -3.02	12.16 -0.30 -3.76	14.06 -0.43 -3.95	16.50 -0.75 -3.14	17.04 -0.88 -2.79	14.06 -0.50 -2.57	9.94 -0.27 -1.96	7.83 -0.12 -1.84
OZONE_PARK_ESR 323760	16.72 0.97 -5.54	15.15 0.87 -4.72	14.86 0.87 -4.69	14.28 0.84 -4.03	14.78 0.85 -4.61	15.87 0.89 -5.01	22.14 1.43 -4.71	24.31 1.60 -5.12	21.90 1.74 -3.13	18.91 1.78 -0.02	17.70 1.48 -2.16	18.12 1.23 -5.51	18.44 0.97 -8.40	19.34 0.96 -9.51	19.22 0.95 -9.57	21.12 0.94 -11.83	27.59 0.85 -19.12	33.44 0.94 -23.80	36.71 1.09 -25.08	35.06 1.42 -19.53	33.75 1.44 -17.19	28.98 1.15 -15.84	21.10 0.77 -12.09	18.07 0.60 -11.37
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	10.96 -0.14 -0.89	10.15 -0.16 -0.76	10.00 -0.07 -0.76	9.95 -0.11 -0.65	9.96 -0.11 -0.74	10.60 -0.19 -0.81	16.33 -0.45 -0.77	17.56 -0.86 -0.83	16.73 -0.82 -0.51	16.50 -0.62 0.00	14.06 -0.35 -0.35	11.94 -0.22 -0.77	10.04 -0.24 -1.21	10.05 -0.16 -1.34	10.05 -0.19 -1.54	10.03 -0.24 -1.92	10.36 -0.28 -3.02	12.15 -0.30 -3.76	14.06 -0.43 -3.95	16.50 -0.75 -3.14	17.04 -0.88 -2.79	14.06 -0.50 -2.57	9.94 -0.27 -1.96	7.83 -0.12 -1.84
PACKARD__115KV_DUPONT_184 80571	10.96 -0.14 -0.89	10.15 -0.16 -0.76	10.00 -0.07 -0.76	9.95 -0.11 -0.65	9.96 -0.11 -0.74	10.60 -0.19 -0.81	16.33 -0.45 -0.77	17.56 -0.86 -0.83	16.73 -0.82 -0.51	16.50 -0.62 0.00	14.06 -0.35 -0.35	11.94 -0.22 -0.77	10.04 -0.24 -1.21	10.05 -0.16 -1.34	10.05 -0.19 -1.54	10.03 -0.24 -1.92	10.36 -0.28 -3.02	12.15 -0.30 -3.76	14.06 -0.43 -3.95	16.50 -0.75 -3.14	17.04 -0.88 -2.79	14.06 -0.50 -2.57	9.94 -0.27 -1.96	7.83 -0.12 -1.84
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	16.71 0.95 -5.55	15.15 0.87 -4.73	14.86 0.86 -4.69	14.30 0.85 -4.04	14.79 0.85 -4.61	15.79 0.81 -5.01	21.92 1.20 -4.71	24.08 1.37 -5.12	21.68 1.52 -3.13	18.69 1.57 -0.01	17.52 1.29 -2.16	17.26 1.08 -4.80	17.42 0.86 -7.49	18.03 0.83 -8.32	19.03 0.83 -9.50	21.00 0.83 -11.82	27.50 0.76 -19.12	33.35 0.84 -23.80	36.59 0.97 -25.08	34.89 1.26 -19.54	33.56 1.26 -17.19	28.83 0.99 -15.84	20.99 0.65 -12.09	18.04 0.57 -11.37

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	16.73 0.97 -5.55	15.18 0.90 -4.73	14.91 0.90 -4.69	14.33 0.88 -4.04	14.83 0.89 -4.61	15.81 0.83 -5.01	21.95 1.23 -4.71	24.12 1.41 -5.12	21.71 1.55 -3.13	18.71 1.59 -0.01	17.53 1.31 -2.16	17.26 1.08 -4.80	17.42 0.86 -7.49	18.03 0.83 -8.32	19.02 0.83 -9.50	21.00 0.82 -11.82	27.49 0.75 -19.12	33.34 0.84 -23.80	36.58 0.96 -25.08	34.89 1.26 -19.54	33.55 1.24 -17.19	28.83 0.99 -15.84	20.99 0.65 -12.09	18.04 0.57 -11.37
PATROON__115KV_TB1 80586	17.21 0.28 -6.72	15.56 0.28 -5.73	15.26 0.27 -5.68	14.60 0.30 -4.89	15.19 0.28 -5.59	16.34 0.29 -6.07	22.15 0.43 -5.71	24.21 0.44 -6.18	21.28 0.46 -3.78	17.61 0.50 0.00	17.10 0.42 -2.62	17.47 0.33 -5.75	18.33 0.26 -9.00	19.12 0.26 -9.99	20.41 0.23 -11.48	22.88 0.23 -14.29	29.91 0.20 -22.10	36.41 0.24 -27.46	39.66 0.30 -28.82	37.76 0.38 -23.28	36.36 0.44 -20.79	31.49 0.34 -19.17	23.11 0.24 -14.62	20.01 0.16 -13.74
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	11.15 -0.04 -0.98	10.33 -0.07 -0.84	10.16 0.02 -0.83	10.11 -0.02 -0.72	10.13 -0.02 -0.82	10.77 -0.10 -0.89	16.63 -0.22 -0.85	18.01 -0.49 -0.91	17.12 -0.48 -0.56	16.79 -0.33 0.00	14.29 -0.15 -0.39	12.16 -0.08 -0.85	10.29 -0.11 -1.33	10.29 -0.05 -1.48	10.32 -0.07 -1.69	10.33 -0.13 -2.11	10.77 -0.18 -3.32	12.65 -0.18 -4.13	14.63 -0.25 -4.34	17.05 -0.51 -3.46	17.62 -0.57 -3.07	14.49 -0.32 -2.83	10.23 -0.18 -2.16	8.06 -0.07 -2.03
PAWLING_115_KV_BK3_REV_LBMP_H 345028	16.60 0.82 -5.58	15.07 0.76 -4.76	14.78 0.75 -4.72	14.21 0.74 -4.06	14.70 0.74 -4.64	15.80 0.78 -5.04	22.02 1.26 -4.74	24.12 1.39 -5.13	21.59 1.41 -3.14	18.48 1.37 0.00	17.38 1.15 -2.17	17.11 0.96 -4.77	17.28 0.75 -7.46	17.89 0.74 -8.28	18.96 0.75 -9.51	20.97 0.77 -11.84	27.45 0.72 -19.11	33.31 0.82 -23.79	36.53 0.93 -25.06	34.90 1.23 -19.57	33.60 1.24 -17.24	28.88 1.01 -15.89	21.03 0.66 -12.12	17.98 0.48 -11.39
PEEKSKILL____ 23653	16.48 0.78 -5.50	14.95 0.72 -4.68	14.66 0.71 -4.65	14.09 0.69 -3.99	14.59 0.69 -4.57	15.67 0.73 -4.96	21.85 1.17 -4.67	23.98 1.30 -5.08	21.54 1.40 -3.11	18.55 1.44 0.00	17.40 1.19 -2.15	17.12 0.99 -4.75	17.28 0.79 -7.41	17.87 0.76 -8.24	18.89 0.77 -9.42	20.85 0.76 -11.73	27.30 0.69 -18.99	33.10 0.77 -23.63	36.33 0.89 -24.90	34.66 1.16 -19.40	33.37 1.18 -17.07	28.67 0.95 -15.73	20.89 0.64 -12.00	17.86 0.48 -11.28
PGE MADISON__WINDPWR 24146	12.57 0.72 -1.64	11.67 0.72 -1.40	11.38 0.68 -1.39	11.28 0.68 -1.20	11.40 0.71 -1.37	12.26 0.80 -1.49	18.87 1.46 -1.40	20.53 1.42 -1.51	19.19 1.23 -0.92	18.22 1.11 0.00	15.47 0.77 -0.64	13.31 0.52 -1.40	11.62 0.35 -2.19	11.60 0.29 -2.44	11.78 0.28 -2.80	12.13 0.28 -3.49	13.43 0.32 -5.49	15.94 0.41 -6.83	18.35 0.62 -7.18	20.91 1.09 -5.71	21.53 1.33 -5.07	17.49 0.83 -4.68	12.34 0.52 -3.57	9.84 0.39 -3.35
PIERCEFIELD__HYD 23852	9.60 -0.60 0.00	9.02 -0.54 0.00	8.74 -0.57 0.00	8.86 -0.56 0.00	8.78 -0.55 0.00	9.41 -0.57 0.00	15.08 -0.93 0.00	16.59 -1.00 0.00	12.77 -1.14 3.13	12.17 -1.18 3.76	6.29 -1.08 6.69	4.78 -0.85 5.75	3.02 -0.67 5.39	3.00 -0.64 5.24	2.47 -0.63 5.60	2.43 -0.59 5.34	2.32 -0.53 4.77	2.52 -0.58 5.60	2.82 -0.71 7.02	3.70 -0.89 9.51	4.31 -0.94 9.87	3.12 -0.76 8.11	2.46 -0.54 5.25	2.08 -0.41 3.61
PINELAWN_CC_1 323563	20.62 1.10 -9.31	15.26 0.98 -4.72	17.09 1.00 -6.78	14.41 0.97 -4.03	14.88 0.94 -4.61	19.43 1.04 -8.41	25.30 1.67 -7.63	25.48 1.83 -6.06	25.24 1.91 -6.29	19.03 1.92 0.00	24.07 1.56 -8.45	23.21 1.29 -10.54	24.30 1.02 -14.21	25.08 0.99 -15.22	26.10 0.99 -16.42	26.57 0.96 -17.25	27.60 0.86 -19.12	33.47 0.96 -23.81	36.80 1.17 -25.09	39.13 1.54 -23.49	43.59 1.60 -26.86	31.92 1.25 -18.68	26.69 0.88 -17.56	24.35 0.67 -17.57
PJM_GEN_HTP_PROXY 323702	16.64 0.89 -5.54	15.08 0.80 -4.72	14.79 0.79 -4.69	14.22 0.78 -4.03	14.71 0.77 -4.61	15.80 0.82 -5.01	22.02 1.30 -4.71	24.17 1.46 -5.12	21.75 1.58 -3.13	18.77 1.64 -0.01	17.59 1.36 -2.16	17.85 1.14 -5.32	18.14 0.90 -8.17	18.95 0.88 -9.20	19.12 0.88 -9.55	21.03 0.85 -11.82	27.52 0.78 -19.12	33.35 0.85 -23.80	36.60 0.98 -25.07	34.92 1.28 -19.53	33.61 1.30 -17.18	28.87 1.04 -15.84	21.04 0.70 -12.09	18.01 0.55 -11.36
PJM_GEN_KEystone 24065	14.06 0.41 -3.45	12.84 0.35 -2.93	12.60 0.38 -2.91	12.27 0.36 -2.50	12.55 0.36 -2.86	13.45 0.36 -3.11	19.50 0.56 -2.93	21.30 0.51 -3.19	19.57 0.58 -1.95	17.85 0.74 0.00	16.00 0.59 -1.35	14.91 0.50 -3.03	14.17 0.38 -4.72	14.52 0.39 -5.25	15.00 0.38 -5.93	16.09 0.36 -7.37	19.82 0.31 -11.89	23.85 0.35 -14.80	26.52 0.39 -15.58	26.73 0.45 -12.17	26.29 0.44 -10.72	22.27 0.39 -9.89	16.07 0.28 -7.54	13.43 0.24 -7.09
PJM_GEN_NEPTUNE_PROXY 323594	18.84 0.99 -7.64	15.16 0.88 -4.72	16.05 0.88 -5.85	14.31 0.87 -4.03	14.78 0.84 -4.61	17.81 0.93 -6.90	23.83 1.49 -6.33	24.87 1.64 -5.64	23.64 1.74 -4.86	18.87 1.76 0.00	21.11 1.43 -5.61	20.48 1.20 -7.90	21.13 0.94 -11.12	21.83 0.92 -12.03	22.89 0.91 -13.28	24.04 0.89 -14.79	27.53 0.78 -19.12	33.37 0.86 -23.80	36.66 1.03 -25.08	37.16 1.35 -21.70	38.87 1.38 -22.37	30.50 1.11 -17.40	24.12 0.78 -15.09	21.47 0.60 -14.76
PJM_GEN_VFT_PROXY 323633	16.64 0.89 -5.54	15.07 0.79 -4.72	14.79 0.79 -4.69	14.21 0.77 -4.03	14.71 0.77 -4.61	15.79 0.81 -5.01	22.02 1.30 -4.71	24.17 1.46 -5.12	21.75 1.58 -3.13	18.79 1.66 -0.02	17.60 1.38 -2.16	18.04 1.15 -5.51	18.37 0.90 -8.40	19.26 0.89 -9.50	19.15 0.89 -9.57	21.05 0.86 -11.83	27.50 0.76 -19.12	33.32 0.82 -23.80	36.56 0.94 -25.07	34.86 1.23 -19.53	33.55 1.24 -17.18	28.84 1.01 -15.84	21.04 0.70 -12.09	18.02 0.55 -11.36
PLATSBRG_115KV_PMLD1 355749	10.05 -0.15 0.00	9.44 -0.11 0.00	9.15 -0.16 0.00	9.27 -0.14 0.00	9.15 -0.18 0.00	9.78 -0.20 0.00	15.58 -0.43 0.00	17.13 -0.46 0.00	12.37 -0.75 3.91	11.48 -0.92 4.71	4.71 -0.98 8.37	-0.03 -0.77 10.64	-0.47 -0.62 8.92	-0.47 -0.59 8.76	-0.47 -0.57 8.60	-0.47 -0.54 8.28	-0.48 -0.50 7.61	-0.47 -0.55 8.62	-0.45 -0.66 10.33	-0.42 -0.87 13.65	-0.43 -0.95 14.60	-0.44 -0.76 11.67	-0.47 -0.53 8.19	-0.49 -0.40 6.19
PLEASANTVLY__LBMP 24000	16.65 0.68 -5.76	15.09 0.63 -4.90	14.80 0.62 -4.87	14.21 0.61 -4.18	14.72 0.61 -4.78	15.82 0.64 -5.20	21.93 1.02 -4.89	24.02 1.13 -5.30	21.48 1.21 -3.24	18.33 1.21 0.00	17.31 1.01 -2.24	17.15 0.84 -4.92	17.43 0.66 -7.69	18.07 0.66 -8.54	19.16 0.64 -9.81	21.22 0.64 -12.22	28.00 0.58 -19.80	34.00 0.64 -24.65	37.27 0.75 -25.97	35.31 0.99 -20.22	33.90 1.00 -17.78	29.20 0.82 -16.39	21.31 0.55 -12.51	18.27 0.41 -11.75
PLSNTVLE_13_KV_13.8KVDIST 80602	16.58 0.80 -5.58	15.03 0.73 -4.75	14.74 0.72 -4.71	14.17 0.71 -4.05	14.67 0.71 -4.63	15.76 0.75 -5.03	21.95 1.20 -4.73	24.07 1.34 -5.14	21.59 1.41 -3.14	18.55 1.44 0.00	17.43 1.20 -2.17	17.11 0.99 -4.74	17.28 0.79 -7.42	17.87 0.77 -8.23	18.99 0.77 -9.52	20.99 0.77 -11.86	27.52 0.70 -19.20	33.38 0.77 -23.90	36.63 0.91 -25.18	34.89 1.17 -19.62	33.58 1.19 -17.26	28.86 0.96 -15.91	21.03 0.64 -12.14	18.00 0.49 -11.41

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	16.58 0.80 -5.58	15.03 0.73 -4.75	14.74 0.72 -4.71	14.17 0.71 -4.05	14.67 0.71 -4.63	15.76 0.75 -5.03	21.95 1.20 -4.73	24.07 1.34 -5.14	21.59 1.41 -3.14	18.55 1.44 0.00	17.43 1.20 -2.17	17.11 0.99 -4.74	17.28 0.79 -7.42	17.87 0.77 -8.23	18.99 0.77 -9.52	20.99 0.77 -11.86	27.52 0.70 -19.20	33.38 0.77 -23.90	36.63 0.91 -25.18	34.89 1.17 -19.62	33.58 1.19 -17.26	28.86 0.96 -15.91	21.03 0.64 -12.14	18.00 0.49 -11.41
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	16.58 0.74 -5.63	15.02 0.67 -4.80	14.73 0.66 -4.76	14.15 0.65 -4.09	14.66 0.65 -4.68	15.75 0.69 -5.08	21.91 1.12 -4.78	23.98 1.21 -5.17	21.48 1.28 -3.16	18.36 1.25 0.00	17.29 1.04 -2.19	17.06 0.87 -4.81	17.29 0.69 -7.52	17.90 0.67 -8.36	18.96 0.66 -9.60	20.97 0.66 -11.95	27.06 0.62 -18.83	32.81 0.70 -23.41	35.98 0.82 -24.61	34.78 1.09 -19.59	33.60 1.09 -17.39	28.92 0.90 -16.03	21.09 0.61 -12.23	18.04 0.45 -11.49
POLETTI____ 23519	16.64 0.89 -5.54	15.08 0.80 -4.72	14.79 0.79 -4.69	14.21 0.77 -4.03	14.71 0.77 -4.61	15.80 0.82 -5.01	22.00 1.28 -4.71	24.15 1.44 -5.12	21.71 1.55 -3.13	18.74 1.61 -0.02	17.56 1.34 -2.16	18.01 1.12 -5.51	18.35 0.88 -8.40	19.24 0.86 -9.50	19.13 0.86 -9.57	21.03 0.84 -11.83	27.50 0.76 -19.12	33.34 0.84 -23.80	36.58 0.96 -25.08	34.89 1.26 -19.53	33.56 1.26 -17.19	28.85 1.02 -15.84	21.02 0.68 -12.09	18.02 0.55 -11.37
PORT_JEFF_3 23555	20.65 1.13 -9.31	15.29 1.01 -4.72	17.12 1.02 -6.78	14.46 1.02 -4.03	14.91 0.97 -4.61	19.46 1.07 -8.41	25.37 1.73 -7.63	25.55 1.90 -6.06	25.32 1.99 -6.29	19.09 1.98 0.00	24.10 1.59 -8.45	23.24 1.32 -10.54	24.33 1.04 -14.21	25.12 1.03 -15.22	26.13 1.02 -16.42	26.60 0.99 -17.25	27.65 0.91 -19.12	33.51 1.00 -23.81	36.85 1.22 -25.09	39.20 1.61 -23.49	43.89 1.69 -27.07	31.98 1.31 -18.68	26.72 0.91 -17.56	24.37 0.70 -17.57
PORT_JEFF_4 23616	20.65 1.13 -9.31	15.29 1.01 -4.72	17.12 1.02 -6.78	14.46 1.02 -4.03	14.91 0.97 -4.61	19.46 1.07 -8.41	25.37 1.73 -7.63	25.55 1.90 -6.06	25.32 1.99 -6.29	19.09 1.98 0.00	24.10 1.59 -8.45	23.24 1.32 -10.54	24.33 1.04 -14.21	25.12 1.03 -15.22	26.13 1.02 -16.42	26.60 0.99 -17.25	27.65 0.91 -19.12	33.51 1.00 -23.81	36.85 1.22 -25.09	39.20 1.61 -23.49	43.89 1.69 -27.07	31.98 1.31 -18.68	26.72 0.91 -17.56	24.37 0.70 -17.57
PORT_JEFF_IC 23713	20.67 1.15 -9.31	15.31 1.03 -4.72	17.14 1.04 -6.78	14.48 1.04 -4.03	14.91 0.98 -4.61	19.48 1.09 -8.41	25.40 1.76 -7.63	25.59 1.94 -6.06	25.34 2.01 -6.29	19.13 2.02 0.00	24.13 1.62 -8.45	23.27 1.34 -10.54	24.35 1.06 -14.21	25.14 1.05 -15.22	26.15 1.03 -16.42	26.62 1.01 -17.25	27.67 0.93 -19.12	33.54 1.03 -23.81	36.88 1.25 -25.08	39.23 1.64 -23.49	43.88 1.72 -27.03	32.00 1.33 -18.68	26.73 0.92 -17.56	24.38 0.71 -17.57
PPL PILGRIM_ST_GT1 24216	20.63 1.11 -9.31	15.27 0.99 -4.72	17.10 1.01 -6.78	14.43 0.99 -4.03	14.89 0.95 -4.61	19.44 1.05 -8.41	25.33 1.70 -7.63	25.50 1.85 -6.06	25.29 1.96 -6.29	19.06 1.95 0.00	24.07 1.56 -8.45	23.22 1.30 -10.54	24.30 1.02 -14.21	25.09 1.00 -15.22	26.10 0.98 -16.42	26.55 0.94 -17.25	27.60 0.86 -19.12	33.51 0.97 -23.84	36.84 1.18 -25.12	39.17 1.55 -23.52	44.99 1.66 -28.20	31.96 1.26 -18.72	26.68 0.87 -17.56	24.35 0.68 -17.57
PPL PILGRIM_ST_GT2 24217	20.63 1.11 -9.31	15.27 0.99 -4.72	17.10 1.01 -6.78	14.43 0.99 -4.03	14.89 0.95 -4.61	19.44 1.05 -8.41	25.33 1.70 -7.63	25.50 1.85 -6.06	25.29 1.96 -6.29	19.06 1.95 0.00	24.07 1.56 -8.45	23.22 1.30 -10.54	24.30 1.02 -14.21	25.09 1.00 -15.22	26.10 0.98 -16.42	26.55 0.94 -17.25	27.60 0.86 -19.12	33.51 0.97 -23.84	36.84 1.18 -25.12	39.17 1.55 -23.52	44.99 1.66 -28.20	31.96 1.26 -18.72	26.68 0.87 -17.56	24.35 0.68 -17.57
PPL_SHRM_GT3 24213	20.55 1.03 -9.31	15.19 0.91 -4.72	17.02 0.93 -6.78	14.38 0.94 -4.03	14.80 0.87 -4.61	19.36 0.97 -8.41	25.22 1.59 -7.63	25.39 1.74 -6.06	25.13 1.81 -6.29	18.89 1.78 0.00	23.95 1.43 -8.45	23.11 1.18 -10.54	24.22 0.93 -14.21	25.01 0.92 -15.22	26.03 0.92 -16.42	26.51 0.90 -17.25	27.59 0.85 -19.12	33.45 0.94 -23.81	36.78 1.15 -25.09	39.10 1.51 -23.49	43.80 1.60 -27.07	31.88 1.21 -18.68	26.64 0.83 -17.56	24.30 0.63 -17.57
PPL_SHRM_GT4 24214	20.55 1.03 -9.31	15.19 0.91 -4.72	17.02 0.93 -6.78	14.38 0.94 -4.03	14.80 0.87 -4.61	19.36 0.97 -8.41	25.22 1.59 -7.63	25.39 1.74 -6.06	25.13 1.81 -6.29	18.89 1.78 0.00	23.95 1.43 -8.45	23.11 1.18 -10.54	24.22 0.93 -14.21	25.01 0.92 -15.22	26.03 0.92 -16.42	26.51 0.90 -17.25	27.59 0.85 -19.12	33.45 0.94 -23.81	36.78 1.15 -25.09	39.10 1.51 -23.49	43.80 1.60 -27.07	31.88 1.21 -18.68	26.64 0.83 -17.56	24.30 0.63 -17.57
PROJECT____ORANGE 1 24174	10.74 -0.04 -0.57	9.98 -0.06 -0.49	9.76 -0.04 -0.48	9.79 -0.04 -0.42	9.77 -0.04 -0.48	10.46 -0.04 -0.52	16.48 -0.02 -0.49	18.03 -0.09 -0.52	17.29 -0.07 -0.32	17.04 -0.07 0.00	14.28 0.00 -0.22	11.85 -0.02 -0.49	9.82 -0.01 -0.76	9.70 -0.02 -0.85	9.64 -0.03 -0.97	9.53 -0.03 -1.21	9.49 -0.04 -1.91	11.04 -0.03 -2.37	13.01 -0.03 -2.49	16.03 -0.06 -1.98	16.85 -0.03 -1.76	13.56 -0.05 -1.62	9.46 -0.03 -1.24	7.25 -0.02 -1.16
PROJECT____ORANGE 2 24166	10.74 -0.04 -0.57	9.98 -0.06 -0.49	9.76 -0.04 -0.48	9.79 -0.04 -0.42	9.77 -0.04 -0.48	10.46 -0.04 -0.52	16.48 -0.02 -0.49	18.03 -0.09 -0.52	17.29 -0.07 -0.32	17.04 -0.07 0.00	14.28 0.00 -0.22	11.85 -0.02 -0.49	9.82 -0.01 -0.76	9.70 -0.02 -0.85	9.64 -0.03 -0.97	9.53 -0.03 -1.21	9.49 -0.04 -1.91	11.04 -0.03 -2.37	13.01 -0.03 -2.49	16.03 -0.06 -1.98	16.85 -0.03 -1.76	13.56 -0.05 -1.62	9.46 -0.03 -1.24	7.25 -0.02 -1.16
PUCKETT____SOLAR 323809	12.31 0.34 -1.77	11.37 0.31 -1.50	11.12 0.32 -1.49	11.01 0.31 -1.28	11.12 0.33 -1.47	11.92 0.35 -1.60	18.12 0.61 -1.50	19.74 0.53 -1.62	18.49 0.46 -0.99	17.57 0.46 0.00	15.06 0.31 -0.69	13.12 0.23 -1.51	11.60 0.16 -2.36	11.64 0.14 -2.62	11.85 0.14 -3.01	12.24 0.13 -3.75	13.66 0.14 -5.91	16.24 0.19 -7.35	18.56 0.29 -7.72	20.69 0.44 -6.15	21.09 0.51 -5.46	17.38 0.36 -5.03	12.33 0.24 -3.84	9.90 0.19 -3.61
PYRITES____HYD 24023	9.77 -0.44 0.00	9.17 -0.38 0.00	8.88 -0.43 0.00	9.00 -0.41 0.00	8.93 -0.40 0.00	9.59 -0.39 0.00	15.39 -0.62 0.00	16.91 -0.69 0.00	12.95 -0.87 3.22	12.35 -0.89 3.87	6.34 -0.84 6.88	4.75 -0.66 5.97	2.98 -0.52 5.57	2.96 -0.50 5.42	2.44 -0.48 5.78	2.39 -0.46 5.51	2.30 -0.39 4.93	2.49 -0.44 5.78	2.79 -0.52 7.24	3.69 -0.61 9.81	4.30 -0.64 10.18	3.09 -0.54 8.36	2.44 -0.39 5.42	2.06 -0.31 3.74
QUAKERRD_115KV_BK1 80622	10.73 -0.19 -0.72	9.97 -0.19 -0.61	9.77 -0.15 -0.61	9.77 -0.16 -0.52	9.77 -0.16 -0.60	10.44 -0.19 -0.65	16.30 -0.32 -0.61	17.75 -0.49 -0.65	16.96 -0.48 -0.40	16.72 -0.39 0.00	14.09 -0.25 -0.28	11.78 -0.22 -0.61	9.84 -0.18 -0.95	9.78 -0.15 -1.06	9.76 -0.16 -1.21	9.70 -0.17 -1.51	9.81 -0.19 -2.38	11.46 -0.20 -2.96	13.39 -0.26 -3.11	16.19 -0.39 -2.48	16.88 -0.44 -2.20	13.71 -0.30 -2.03	9.62 -0.17 -1.55	7.45 -0.10 -1.45

QUENSBRY_I15KV_TB8 356137	17.42 0.28 -6.94	15.74 0.28 -5.91	15.45 0.27 -5.87	14.73 0.27 -5.04	15.38 0.28 -5.77	16.58 0.33 -6.27	22.56 0.66 -5.89	24.68 0.70 -6.38	21.51 0.56 -3.91	18.04 0.92 0.00	17.52 0.76 -2.70	17.91 0.58 -5.94	18.81 0.44 -9.29	19.65 0.46 -10.32	20.99 0.44 -11.85	23.38 0.27 -14.76	30.67 0.24 -22.81	37.40 0.35 -28.35	40.66 0.41 -29.71	38.69 0.59 -24.00	37.32 0.76 -21.44	32.28 0.53 -19.76	23.66 0.33 -15.08	20.49 0.21 -14.17
RAMAPO____LBMP 323565	16.33 0.77 -5.36	14.81 0.69 -4.57	14.53 0.69 -4.53	13.98 0.67 -3.90	14.46 0.67 -4.46	15.53 0.71 -4.84	21.72 1.15 -4.55	23.86 1.28 -4.98	21.46 1.38 -3.04	18.51 1.40 0.00	17.33 1.17 -2.10	17.00 0.97 -4.64	17.09 0.76 -7.26	17.69 0.75 -8.06	18.67 0.75 -9.23	20.59 0.74 -11.49	26.88 0.68 -18.59	32.59 0.76 -23.13	35.79 0.88 -24.37	34.24 1.14 -19.00	33.00 1.16 -16.71	28.33 0.94 -15.41	20.63 0.63 -11.76	17.63 0.48 -11.05
RANKINE____ 23646	11.24 0.07 -0.96	10.42 0.05 -0.82	10.25 0.13 -0.81	10.20 0.09 -0.70	10.21 0.08 -0.80	10.87 0.02 -0.87	16.76 -0.08 -0.83	18.12 -0.37 -0.89	17.23 -0.36 -0.55	16.92 -0.19 0.00	14.41 -0.03 -0.38	12.24 0.02 -0.83	10.34 -0.04 -1.30	10.34 0.03 -1.44	10.36 0.00 -1.66	10.36 -0.06 -2.06	10.75 -0.11 -3.25	12.63 -0.11 -4.04	14.60 -0.19 -4.25	17.08 -0.41 -3.38	17.64 -0.48 -3.00	14.52 -0.24 -2.77	10.26 -0.11 -2.11	8.07 -0.01 -1.99
RAVENSWOOD_GT2_1 24244	16.64 0.89 -5.54	15.08 0.80 -4.72	14.80 0.80 -4.69	14.22 0.78 -4.03	14.72 0.78 -4.61	15.80 0.82 -5.01	22.02 1.30 -4.71	24.17 1.46 -5.12	21.73 1.57 -3.13	18.77 1.64 -0.02	17.59 1.36 -2.16	18.19 1.13 -5.67	18.57 0.89 -8.61	19.52 0.87 -9.78	19.16 0.87 -9.59	21.04 0.85 -11.83	27.51 0.77 -19.12	33.36 0.85 -23.80	36.60 0.98 -25.08	34.92 1.28 -19.53	33.59 1.28 -17.19	28.86 1.03 -15.84	21.03 0.69 -12.09	18.02 0.55 -11.37
RAVENSWOOD_GT2_2 24245	16.64 0.89 -5.54	15.08 0.80 -4.72	14.80 0.80 -4.69	14.22 0.78 -4.03	14.72 0.78 -4.61	15.80 0.82 -5.01	22.02 1.30 -4.71	24.17 1.46 -5.12	21.73 1.57 -3.13	18.77 1.64 -0.02	17.59 1.36 -2.16	18.19 1.13 -5.67	18.57 0.89 -8.61	19.52 0.87 -9.78	19.16 0.87 -9.59	21.04 0.85 -11.83	27.51 0.77 -19.12	33.36 0.85 -23.80	36.60 0.98 -25.08	34.92 1.28 -19.53	33.59 1.28 -17.19	28.86 1.03 -15.84	21.03 0.69 -12.09	18.02 0.55 -11.37
RAVENSWOOD_GT2_3 24246	16.65 0.90 -5.54	15.09 0.81 -4.72	14.80 0.80 -4.69	14.22 0.78 -4.03	14.72 0.78 -4.61	15.80 0.82 -5.01	22.02 1.30 -4.71	24.17 1.46 -5.12	21.75 1.58 -3.13	18.77 1.64 -0.02	17.59 1.36 -2.16	18.20 1.14 -5.67	18.58 0.90 -8.61	19.53 0.88 -9.78	19.16 0.88 -9.59	21.04 0.85 -11.83	27.52 0.78 -19.12	33.36 0.85 -23.80	36.61 0.99 -25.08	34.92 1.28 -19.53	33.61 1.30 -17.19	28.87 1.04 -15.84	21.04 0.70 -12.09	18.02 0.56 -11.37
RAVENSWOOD_GT2_4 24247	16.65 0.90 -5.54	15.09 0.81 -4.72	14.80 0.80 -4.69	14.22 0.78 -4.03	14.72 0.78 -4.61	15.80 0.82 -5.01	22.02 1.30 -4.71	24.17 1.46 -5.12	21.75 1.58 -3.13	18.77 1.64 -0.02	17.59 1.36 -2.16	18.20 1.14 -5.67	18.58 0.90 -8.61	19.53 0.88 -9.78	19.16 0.88 -9.59	21.04 0.85 -11.83	27.52 0.78 -19.12	33.36 0.85 -23.80	36.61 0.99 -25.08	34.92 1.28 -19.53	33.61 1.30 -17.19	28.87 1.04 -15.84	21.04 0.70 -12.09	18.02 0.56 -11.37
RAVENSWOOD_GT3_1 24248	16.64 0.89 -5.54	15.08 0.80 -4.72	14.79 0.79 -4.69	14.22 0.78 -4.03	14.71 0.77 -4.61	15.80 0.82 -5.01	22.02 1.30 -4.71	24.17 1.46 -5.12	21.73 1.57 -3.13	18.77 1.64 -0.02	17.59 1.36 -2.16	18.19 1.13 -5.67	18.57 0.89 -8.61	19.52 0.87 -9.78	19.16 0.87 -9.59	21.04 0.85 -11.83	27.51 0.77 -19.12	33.36 0.85 -23.80	36.60 0.98 -25.08	34.92 1.28 -19.53	33.59 1.28 -17.19	28.86 1.03 -15.84	21.03 0.69 -12.09	18.02 0.55 -11.37
RAVENSWOOD_GT3_2 24249	16.64 0.89 -5.54	15.08 0.80 -4.72	14.79 0.79 -4.69	14.22 0.78 -4.03	14.71 0.77 -4.61	15.80 0.82 -5.01	22.02 1.30 -4.71	24.17 1.46 -5.12	21.73 1.57 -3.13	18.77 1.64 -0.02	17.59 1.36 -2.16	18.19 1.13 -5.67	18.57 0.89 -8.61	19.52 0.87 -9.78	19.16 0.87 -9.59	21.04 0.85 -11.83	27.51 0.77 -19.12	33.36 0.85 -23.80	36.60 0.98 -25.08	34.92 1.28 -19.53	33.59 1.28 -17.19	28.86 1.03 -15.84	21.03 0.69 -12.09	18.02 0.55 -11.37
RAVENSWOOD_GT3_3 24250	16.66 0.91 -5.54	15.09 0.81 -4.72	14.80 0.81 -4.69	14.23 0.79 -4.03	14.73 0.79 -4.61	15.81 0.83 -5.01	22.03 1.31 -4.71	24.19 1.48 -5.12	21.77 1.60 -3.13	18.79 1.66 -0.02	17.60 1.38 -2.16	18.21 1.15 -5.67	18.59 0.91 -8.61	19.54 0.89 -9.78	19.17 0.89 -9.59	21.05 0.86 -11.83	27.52 0.78 -19.12	33.36 0.86 -23.80	36.62 1.00 -25.08	34.93 1.30 -19.53	33.62 1.31 -17.19	28.88 1.06 -15.84	21.05 0.71 -12.09	18.02 0.56 -11.37
RAVENSWOOD_GT3_4 24251	16.66 0.91 -5.54	15.09 0.81 -4.72	14.80 0.81 -4.69	14.23 0.79 -4.03	14.73 0.79 -4.61	15.81 0.83 -5.01	22.03 1.31 -4.71	24.19 1.48 -5.12	21.77 1.60 -3.13	18.79 1.66 -0.02	17.60 1.38 -2.16	18.21 1.15 -5.67	18.59 0.91 -8.61	19.54 0.89 -9.78	19.17 0.89 -9.59	21.05 0.86 -11.83	27.52 0.78 -19.12	33.36 0.86 -23.80	36.62 1.00 -25.08	34.93 1.30 -19.53	33.62 1.31 -17.19	28.88 1.06 -15.84	21.05 0.71 -12.09	18.02 0.56 -11.37
RAVENSWOOD_GT_1 23729	16.71 0.95 -5.55	15.14 0.85 -4.73	14.85 0.85 -4.69	14.28 0.83 -4.04	14.77 0.83 -4.62	15.82 0.84 -5.01	22.00 1.28 -4.71	24.17 1.46 -5.12	21.77 1.60 -3.13	18.81 1.68 -0.02	17.63 1.41 -2.16	18.22 1.16 -5.67	18.60 0.92 -8.61	19.55 0.90 -9.78	19.18 0.90 -9.59	21.07 0.88 -11.83	27.54 0.80 -19.12	33.39 0.89 -23.80	36.64 1.02 -25.08	34.96 1.33 -19.53	33.64 1.33 -17.19	28.88 1.06 -15.84	21.04 0.70 -12.09	18.05 0.58 -11.37
RAVENSWOOD_GT_10 24258	16.64 0.89 -5.54	15.08 0.80 -4.72	14.79 0.79 -4.69	14.22 0.78 -4.03	14.71 0.77 -4.61	15.80 0.82 -5.01	22.02 1.30 -4.71	24.17 1.46 -5.12	21.73 1.57 -3.13	18.77 1.64 -0.02	17.59 1.36 -2.16	18.19 1.13 -5.67	18.57 0.89 -8.61	19.52 0.87 -9.78	19.16 0.87 -9.59	21.04 0.85 -11.83	27.51 0.77 -19.12	33.36 0.85 -23.80	36.60 0.98 -25.08	34.92 1.28 -19.53	33.59 1.28 -17.19	28.86 1.03 -15.84	21.03 0.69 -12.09	18.02 0.55 -11.37
RAVENSWOOD_GT_11 24259	16.64 0.89 -5.54	15.08 0.80 -4.72	14.79 0.79 -4.69	14.22 0.78 -4.03	14.71 0.77 -4.61	15.80 0.82 -5.01	22.02 1.30 -4.71	24.17 1.46 -5.12	21.73 1.57 -3.13	18.77 1.64 -0.02	17.59 1.36 -2.16	18.19 1.13 -5.67	18.57 0.89 -8.61	19.52 0.87 -9.78	19.16 0.87 -9.59	21.04 0.85 -11.83	27.51 0.77 -19.12	33.36 0.85 -23.80	36.60 0.98 -25.08	34.92 1.28 -19.53	33.59 1.28 -17.19	28.86 1.03 -15.84	21.03 0.69 -12.09	18.02 0.55 -11.37
RAVENSWOOD_GT_4 24252	16.63 0.89 -5.54	15.06 0.79 -4.72	14.78 0.79 -4.68	14.21 0.77 -4.02	14.70 0.77 -4.60	15.80 0.82 -5.01	22.02 1.30 -4.71	24.17 1.46 -5.12	21.75 1.58 -3.13	18.77 1.64 -0.02	17.59 1.36 -2.16	18.19 1.13 -5.67	18.57 0.89 -8.61	19.52 0.87 -9.78	19.16 0.87 -9.59	21.04 0.85 -11.83	27.51 0.77 -19.12	33.35 0.84 -23.80	36.60 0.98 -25.08	34.91 1.27 -19.53	33.59 1.28 -17.19	28.86 1.03 -15.84	21.04 0.70 -12.09	18.01 0.54 -11.37

RAVENSWOOD_GT_5 24254	16.63 0.89 -5.54	15.06 0.79 -4.72	14.78 0.79 -4.68	14.21 0.77 -4.02	14.70 0.77 -4.60	15.80 0.82 -5.01	22.02 1.30 -4.71	24.17 1.46 -5.12	21.75 1.58 -3.13	18.77 1.64 -0.02	17.59 1.36 -2.16	18.19 1.13 -5.67	18.57 0.89 -8.61	19.52 0.87 -9.78	19.16 0.87 -9.59	21.04 0.85 -11.83	27.51 0.77 -19.12	33.35 0.84 -23.80	36.60 0.98 -25.08	34.91 1.27 -19.53	33.59 1.28 -17.19	28.86 1.03 -15.84	21.04 0.70 -12.09	18.01 0.54 -11.37
RAVENSWOOD_GT_6 24253	16.63 0.89 -5.54	15.06 0.79 -4.72	14.78 0.79 -4.68	14.21 0.77 -4.02	14.70 0.77 -4.60	15.80 0.82 -5.01	22.02 1.30 -4.71	24.17 1.46 -5.12	21.75 1.58 -3.13	18.77 1.64 -0.02	17.59 1.36 -2.16	18.19 1.13 -5.67	18.57 0.89 -8.61	19.52 0.87 -9.78	19.16 0.87 -9.59	21.04 0.85 -11.83	27.51 0.77 -19.12	33.35 0.84 -23.80	36.60 0.98 -25.08	34.91 1.27 -19.53	33.59 1.28 -17.19	28.86 1.03 -15.84	21.04 0.70 -12.09	18.01 0.54 -11.37
RAVENSWOOD_GT_7 24255	16.63 0.89 -5.54	15.06 0.79 -4.72	14.78 0.79 -4.68	14.21 0.77 -4.02	14.70 0.77 -4.60	15.80 0.82 -5.01	22.02 1.30 -4.71	24.17 1.46 -5.12	21.75 1.58 -3.13	18.77 1.64 -0.02	17.59 1.36 -2.16	18.19 1.13 -5.67	18.57 0.89 -8.61	19.52 0.87 -9.78	19.16 0.87 -9.59	21.04 0.85 -11.83	27.51 0.77 -19.12	33.35 0.84 -23.80	36.60 0.98 -25.08	34.91 1.27 -19.53	33.59 1.28 -17.19	28.86 1.03 -15.84	21.04 0.70 -12.09	18.01 0.54 -11.37
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	16.64 0.89 -5.54	15.08 0.80 -4.72	14.79 0.79 -4.69	14.22 0.78 -4.03	14.71 0.77 -4.61	15.80 0.82 -5.01	22.02 1.30 -4.71	24.17 1.46 -5.12	21.73 1.57 -3.13	18.77 1.64 -0.02	17.59 1.36 -2.16	18.19 1.13 -5.67	18.57 0.89 -8.61	19.52 0.87 -9.78	19.16 0.87 -9.59	21.04 0.85 -11.83	27.51 0.77 -19.12	33.36 0.85 -23.80	36.60 0.98 -25.08	34.92 1.28 -19.53	33.59 1.28 -17.19	28.86 1.03 -15.84	21.03 0.69 -12.09	18.02 0.55 -11.37
RAVENSWOOD_GT_9 24257	16.64 0.89 -5.54	15.08 0.80 -4.72	14.79 0.79 -4.69	14.22 0.78 -4.03	14.71 0.77 -4.61	15.80 0.82 -5.01	22.02 1.30 -4.71	24.17 1.46 -5.12	21.73 1.57 -3.13	18.77 1.64 -0.02	17.59 1.36 -2.16	18.19 1.13 -5.67	18.57 0.89 -8.61	19.52 0.87 -9.78	19.16 0.87 -9.59	21.04 0.85 -11.83	27.51 0.77 -19.12	33.36 0.85 -23.80	36.60 0.98 -25.08	34.92 1.28 -19.53	33.59 1.28 -17.19	28.86 1.03 -15.84	21.03 0.69 -12.09	18.02 0.55 -11.37
RAVENSWOOD___1 23533	16.70 0.94 -5.55	15.14 0.85 -4.73	14.84 0.84 -4.69	14.28 0.83 -4.04	14.76 0.82 -4.61	15.82 0.84 -5.01	22.00 1.28 -4.71	24.17 1.46 -5.12	21.77 1.60 -3.13	18.81 1.68 -0.02	17.62 1.39 -2.16	18.21 1.15 -5.67	18.60 0.92 -8.61	19.54 0.89 -9.78	19.17 0.89 -9.59	21.06 0.87 -11.83	27.54 0.80 -19.12	33.38 0.88 -23.80	36.63 1.01 -25.08	34.95 1.31 -19.53	33.62 1.31 -17.19	28.88 1.06 -15.84	21.03 0.69 -12.09	18.05 0.58 -11.37
RAVENSWOOD___2 23534	16.70 0.94 -5.55	15.13 0.85 -4.73	14.84 0.84 -4.69	14.27 0.82 -4.04	14.76 0.82 -4.61	15.81 0.83 -5.01	22.00 1.28 -4.71	24.15 1.44 -5.12	21.75 1.58 -3.13	18.79 1.66 -0.02	17.62 1.39 -2.16	18.21 1.15 -5.67	18.59 0.91 -8.61	19.54 0.89 -9.78	19.17 0.89 -9.59	21.06 0.87 -11.83	27.53 0.79 -19.12	33.38 0.88 -23.80	36.63 1.01 -25.08	34.95 1.31 -19.53	33.62 1.31 -17.19	28.87 1.04 -15.84	21.03 0.69 -12.09	18.04 0.57 -11.37
RAVENSWOOD___3 23535	16.65 0.90 -5.54	15.08 0.80 -4.72	14.80 0.80 -4.69	14.22 0.78 -4.03	14.72 0.78 -4.61	15.80 0.82 -5.01	22.02 1.30 -4.71	24.17 1.46 -5.12	21.75 1.58 -3.13	18.77 1.64 -0.02	17.59 1.36 -2.16	18.20 1.14 -5.67	18.58 0.90 -8.61	19.53 0.88 -9.78	19.16 0.88 -9.59	21.04 0.85 -11.83	27.52 0.78 -19.12	33.36 0.85 -23.80	36.60 0.98 -25.08	34.92 1.28 -19.53	33.59 1.28 -17.19	28.86 1.03 -15.84	21.03 0.69 -12.09	18.02 0.55 -11.37
RAVENSWOOD___4 23820	16.69 0.93 -5.55	15.12 0.84 -4.73	14.84 0.84 -4.69	14.27 0.82 -4.04	14.76 0.82 -4.61	15.81 0.83 -5.01	21.98 1.26 -4.71	24.15 1.44 -5.12	21.75 1.58 -3.13	18.79 1.66 -0.02	17.60 1.38 -2.16	18.20 1.14 -5.67	18.59 0.91 -8.61	19.53 0.88 -9.78	19.16 0.88 -9.59	21.06 0.87 -11.83	27.53 0.79 -19.12	33.38 0.88 -23.80	36.63 1.01 -25.08	34.95 1.31 -19.53	33.62 1.31 -17.19	28.87 1.04 -15.84	21.03 0.69 -12.09	18.04 0.57 -11.37
RCPL_TRUST___DRP 24196	16.66 0.91 -5.54	15.09 0.81 -4.72	14.80 0.81 -4.69	14.23 0.79 -4.03	14.73 0.79 -4.61	15.82 0.84 -5.01	22.05 1.33 -4.71	24.21 1.50 -5.12	21.78 1.62 -3.13	18.80 1.68 -0.01	17.60 1.38 -2.16	17.87 1.16 -5.32	18.15 0.92 -8.17	18.97 0.90 -9.20	19.14 0.90 -9.55	21.06 0.88 -11.82	27.53 0.79 -19.12	33.37 0.87 -23.80	36.63 1.01 -25.08	34.95 1.31 -19.53	33.64 1.33 -17.19	28.90 1.07 -15.84	21.05 0.72 -12.09	18.03 0.56 -11.36
RED___ROCHESTER 323720	11.07 0.12 -0.74	10.30 0.12 -0.63	10.09 0.16 -0.62	10.09 0.14 -0.54	10.08 0.14 -0.61	10.77 0.12 -0.67	16.78 0.14 -0.62	18.26 0.00 -0.67	17.45 0.00 -0.41	17.18 0.07 0.00	14.52 0.17 -0.28	12.12 0.11 -0.62	10.14 0.09 -0.98	10.07 0.12 -1.08	10.05 0.10 -1.25	10.00 0.09 -1.55	10.09 0.03 -2.45	11.80 0.05 -3.04	13.77 0.03 -3.20	16.65 0.00 -2.54	17.37 -0.02 -2.26	14.13 0.06 -2.08	9.92 0.08 -1.59	7.68 0.09 -1.49
REGAN___SOLAR 323812	18.94 0.90 -7.83	17.09 0.87 -6.67	16.78 0.85 -6.62	15.96 0.86 -5.69	16.69 0.86 -6.51	18.02 0.97 -7.07	24.38 1.71 -6.65	26.56 1.78 -7.20	23.01 1.57 -4.40	18.46 1.35 0.00	18.21 1.10 -3.05	18.88 0.80 -6.70	20.17 0.63 -10.47	21.10 0.59 -11.63	22.65 0.59 -13.36	25.63 0.63 -16.64	34.14 0.61 -25.92	41.73 0.81 -32.22	45.41 1.04 -33.83	42.72 1.45 -27.16	41.03 1.71 -24.20	35.57 1.27 -22.31	26.08 0.81 -17.02	22.67 0.57 -16.00
RENSSELAER___COGEN 23796	17.11 0.24 -6.66	15.46 0.24 -5.67	15.18 0.24 -5.63	14.51 0.26 -4.84	15.11 0.25 -5.53	16.25 0.26 -6.01	22.02 0.35 -5.65	24.08 0.37 -6.12	21.19 0.41 -3.75	17.56 0.44 0.00	17.03 0.38 -2.59	17.38 0.30 -5.70	18.22 0.24 -8.91	19.01 0.24 -9.89	20.28 0.22 -11.36	22.70 0.19 -14.15	29.68 0.17 -21.89	36.11 0.20 -27.20	39.33 0.24 -28.55	37.48 0.32 -23.05	36.08 0.36 -20.59	31.26 0.29 -18.98	22.94 0.21 -14.48	19.85 0.13 -13.61
REPUBLIC_115KV_BARTNBRK 55605	17.83 0.68 -6.94	16.13 0.67 -5.91	15.82 0.65 -5.86	15.13 0.68 -5.04	15.77 0.68 -5.76	17.02 0.78 -6.26	23.39 1.49 -5.89	25.59 1.62 -6.37	22.30 1.36 -3.90	18.75 1.64 0.00	18.11 1.35 -2.70	18.33 1.01 -5.94	19.13 0.78 -9.28	19.98 0.80 -10.31	21.31 0.77 -11.84	23.79 0.69 -14.75	31.02 0.62 -22.79	37.85 0.83 -28.32	41.19 0.97 -29.68	39.44 1.35 -23.98	38.26 1.71 -21.42	32.94 1.20 -19.75	24.05 0.73 -15.07	20.76 0.50 -14.16
REVERE_CPPR_DRP 24186	10.73 0.20 -0.32	10.03 0.20 -0.27	9.77 0.19 -0.27	9.83 0.19 -0.23	9.79 0.20 -0.27	10.50 0.23 -0.29	16.71 0.43 -0.27	18.32 0.44 -0.29	17.44 0.36 -0.05	17.24 0.29 0.16	14.09 0.18 0.16	11.50 0.10 -0.01	9.32 0.06 -0.19	9.16 0.05 -0.24	9.05 0.05 -0.30	8.86 0.06 -0.44	8.56 0.09 -0.86	9.89 0.10 -1.08	11.80 0.17 -1.09	15.16 0.35 -0.70	16.15 0.47 -0.56	12.81 0.26 -0.56	8.88 0.17 -0.46	6.71 0.12 -0.49

REYNOLDS_115KV_TB3 80639	17.20 0.33 -6.67	15.54 0.31 -5.68	15.25 0.31 -5.64	14.58 0.32 -4.85	15.19 0.32 -5.54	16.33 0.33 -6.02	22.17 0.50 -5.66	24.23 0.51 -6.13	21.34 0.55 -3.75	17.68 0.56 0.00	17.12 0.46 -2.60	17.47 0.38 -5.71	18.30 0.30 -8.93	19.08 0.29 -9.91	20.36 0.28 -11.39	22.79 0.25 -14.18	29.70 0.22 -21.86	36.12 0.26 -27.16	39.37 0.33 -28.50	37.60 0.42 -23.07	36.23 0.47 -20.64	31.38 0.37 -19.02	23.04 0.28 -14.51	19.92 0.18 -13.64
RIVERBAY____ 323610	16.73 0.97 -5.55	15.18 0.90 -4.73	14.91 0.90 -4.69	14.33 0.88 -4.04	14.83 0.89 -4.61	15.81 0.83 -5.01	21.95 1.23 -4.71	24.12 1.41 -5.12	21.71 1.55 -3.13	18.71 1.59 -0.01	17.53 1.31 -2.16	17.26 1.08 -4.80	17.42 0.86 -7.49	18.03 0.83 -8.32	19.02 0.83 -9.50	21.00 0.82 -11.82	27.49 0.75 -19.12	33.34 0.84 -23.80	36.58 0.96 -25.08	34.89 1.26 -19.54	33.55 1.24 -17.19	28.83 0.99 -15.84	20.99 0.65 -12.09	18.04 0.57 -11.37
RIVERSDE_115KV_TB3 55908	17.16 0.28 -6.68	15.51 0.27 -5.69	15.22 0.27 -5.64	14.55 0.29 -4.85	15.15 0.28 -5.55	16.30 0.29 -6.03	22.10 0.42 -5.67	24.17 0.44 -6.13	21.27 0.48 -3.76	17.61 0.50 0.00	17.07 0.41 -2.60	17.43 0.33 -5.71	18.27 0.26 -8.93	19.05 0.26 -9.92	20.33 0.23 -11.39	22.77 0.22 -14.19	29.72 0.19 -21.91	36.16 0.23 -27.22	39.40 0.28 -28.57	37.57 0.37 -23.10	36.18 0.41 -20.65	31.35 0.32 -19.04	23.01 0.24 -14.52	19.91 0.16 -13.65
ROARING____BROOK_WT_PWR 323790	9.95 -0.25 0.00	9.32 -0.23 0.00	9.09 -0.22 0.00	9.19 -0.23 0.00	9.10 -0.22 0.00	9.73 -0.25 0.00	15.58 -0.43 0.00	17.13 -0.46 0.00	19.80 -0.48 -3.24	20.46 -0.55 -3.89	20.42 -0.56 -6.92	-4.08 -0.53 14.93	-5.02 -0.48 13.61	-4.90 -0.51 13.27	-5.72 -0.51 13.91	-5.43 -0.49 13.29	-4.79 -0.45 11.96	-5.73 -0.51 13.92	-7.36 -0.62 17.28	-10.00 -0.80 23.30	-10.00 -0.79 24.34	-8.59 -0.70 19.88	-5.32 -0.48 13.10	-3.44 -0.35 9.19
ROCHESRG_115KV_T4 355643	10.96 0.02 -0.73	10.20 0.02 -0.62	9.99 0.07 -0.62	9.99 0.05 -0.53	9.98 0.05 -0.61	10.66 0.02 -0.66	16.61 -0.02 -0.62	18.07 -0.19 -0.67	17.26 -0.19 -0.41	17.04 -0.07 0.00	14.37 0.03 -0.28	12.02 0.01 -0.62	10.04 0.00 -0.97	9.99 0.04 -1.08	9.96 0.02 -1.24	9.89 -0.01 -1.55	10.00 -0.05 -2.43	11.69 -0.03 -3.02	13.65 -0.07 -3.18	16.48 -0.16 -2.53	17.17 -0.20 -2.25	13.97 -0.08 -2.07	9.82 -0.01 -1.58	7.61 0.02 -1.48
ROCHESTER_9_IC 23652	11.01 0.07 -0.74	10.25 0.07 -0.63	10.04 0.11 -0.62	10.04 0.09 -0.54	10.03 0.09 -0.61	10.71 0.07 -0.67	16.71 0.08 -0.62	18.18 -0.09 -0.67	17.36 -0.09 -0.41	17.15 0.03 0.00	14.46 0.11 -0.28	12.08 0.07 -0.63	10.10 0.05 -0.98	10.04 0.08 -1.09	10.01 0.07 -1.25	9.95 0.04 -1.55	10.05 -0.01 -2.44	11.75 0.01 -3.04	13.72 -0.02 -3.19	16.58 -0.07 -2.54	17.27 -0.11 -2.26	14.06 -0.01 -2.08	9.88 0.04 -1.59	7.65 0.06 -1.49
ROCKVIEW_13_KV_LD 356306	16.60 0.85 -5.54	15.05 0.77 -4.72	14.76 0.76 -4.69	14.18 0.74 -4.03	14.68 0.75 -4.61	15.78 0.80 -5.01	22.00 1.28 -4.71	24.14 1.42 -5.12	21.68 1.52 -3.13	18.67 1.56 0.00	17.52 1.29 -2.16	17.20 1.08 -4.74	17.34 0.85 -7.41	17.94 0.84 -8.23	19.02 0.84 -9.48	21.00 0.84 -11.81	27.50 0.76 -19.12	33.34 0.84 -23.80	36.60 0.98 -25.08	34.91 1.27 -19.54	33.59 1.29 -17.19	28.86 1.03 -15.84	21.02 0.68 -12.09	17.99 0.53 -11.36
ROME____115KV_TB2 80656	10.73 0.20 -0.32	10.03 0.20 -0.27	9.77 0.19 -0.27	9.83 0.19 -0.23	9.79 0.20 -0.27	10.50 0.23 -0.29	16.71 0.43 -0.27	18.32 0.44 -0.29	17.44 0.36 -0.05	17.24 0.29 0.16	14.09 0.18 0.16	11.50 0.10 -0.01	9.32 0.06 -0.19	9.16 0.05 -0.24	9.05 0.05 -0.30	8.86 0.06 -0.44	8.56 0.09 -0.86	9.89 0.10 -1.08	11.80 0.17 -1.09	15.16 0.35 -0.70	16.15 0.47 -0.56	12.81 0.26 -0.56	8.88 0.17 -0.46	6.71 0.12 -0.49
ROSETON____1 23587	16.42 0.71 -5.50	14.89 0.65 -4.68	14.60 0.64 -4.65	14.04 0.63 -4.00	14.53 0.63 -4.57	15.61 0.67 -4.97	21.75 1.07 -4.67	23.80 1.16 -5.05	21.38 1.26 -3.08	18.40 1.28 0.00	17.26 1.07 -2.13	16.96 0.89 -4.69	17.10 0.70 -7.33	17.69 0.68 -8.14	18.72 0.68 -9.35	20.66 0.66 -11.64	27.06 0.60 -18.84	32.82 0.67 -23.45	36.02 0.78 -24.70	34.38 1.03 -19.25	33.10 1.04 -16.94	28.45 0.85 -15.61	20.73 0.57 -11.91	17.73 0.43 -11.20
ROSETON____2 23588	16.42 0.71 -5.50	14.89 0.65 -4.68	14.60 0.64 -4.65	14.04 0.63 -4.00	14.53 0.63 -4.57	15.61 0.67 -4.97	21.75 1.07 -4.67	23.80 1.16 -5.05	21.38 1.26 -3.08	18.40 1.28 0.00	17.26 1.07 -2.13	16.96 0.89 -4.69	17.10 0.70 -7.33	17.69 0.68 -8.14	18.72 0.68 -9.35	20.66 0.66 -11.64	27.06 0.60 -18.84	32.82 0.67 -23.45	36.02 0.78 -24.70	34.38 1.03 -19.25	33.10 1.04 -16.94	28.45 0.85 -15.61	20.73 0.57 -11.91	17.73 0.43 -11.20
ROTTDAM_115KV_TB3 80664	17.63 0.39 -7.03	15.92 0.37 -5.99	15.62 0.36 -5.94	14.89 0.37 -5.11	15.54 0.36 -5.84	16.73 0.40 -6.35	22.66 0.67 -5.97	24.76 0.70 -6.46	21.68 0.68 -3.96	17.81 0.70 0.00	17.39 0.59 -2.74	17.87 0.47 -6.02	18.84 0.36 -9.41	19.68 0.36 -10.45	21.05 0.36 -12.00	23.64 0.33 -14.95	31.12 0.30 -23.20	37.90 0.37 -28.83	41.19 0.43 -30.21	39.01 0.58 -24.33	37.48 0.65 -21.70	32.50 0.50 -20.01	23.85 0.34 -15.26	20.68 0.24 -14.35
RUSSELL____1 23602	11.07 0.12 -0.74	10.30 0.11 -0.63	10.09 0.16 -0.62	10.09 0.14 -0.54	10.08 0.14 -0.61	10.76 0.12 -0.67	16.78 0.14 -0.62	18.25 -0.02 -0.67	17.45 0.00 -0.41	17.23 0.12 0.00	14.53 0.18 -0.28	12.14 0.13 -0.63	10.15 0.10 -0.98	10.08 0.12 -1.09	10.06 0.11 -1.25	10.00 0.09 -1.55	10.09 0.03 -2.44	11.79 0.05 -3.04	13.77 0.03 -3.19	16.65 0.00 -2.54	17.36 -0.02 -2.26	14.13 0.06 -2.08	9.92 0.08 -1.59	7.68 0.09 -1.49
RUSSELL____2 23532	11.07 0.12 -0.74	10.30 0.11 -0.63	10.09 0.16 -0.62	10.09 0.14 -0.54	10.08 0.14 -0.61	10.76 0.12 -0.67	16.78 0.14 -0.62	18.25 -0.02 -0.67	17.45 0.00 -0.41	17.23 0.12 0.00	14.53 0.18 -0.28	12.14 0.13 -0.63	10.15 0.10 -0.98	10.08 0.12 -1.09	10.06 0.11 -1.25	10.00 0.09 -1.55	10.09 0.03 -2.44	11.79 0.05 -3.04	13.77 0.03 -3.19	16.65 0.00 -2.54	17.36 -0.02 -2.26	14.13 0.06 -2.08	9.92 0.08 -1.59	7.68 0.09 -1.49
RUSSELL____3 23549	11.07 0.12 -0.74	10.30 0.11 -0.63	10.09 0.16 -0.62	10.09 0.14 -0.54	10.08 0.14 -0.61	10.76 0.12 -0.67	16.78 0.14 -0.62	18.25 -0.02 -0.67	17.45 0.00 -0.41	17.23 0.12 0.00	14.53 0.18 -0.28	12.14 0.13 -0.63	10.15 0.10 -0.98	10.08 0.12 -1.09	10.06 0.11 -1.25	10.00 0.09 -1.55	10.09 0.03 -2.44	11.79 0.05 -3.04	13.77 0.03 -3.19	16.65 0.00 -2.54	17.36 -0.02 -2.26	14.13 0.06 -2.08	9.92 0.08 -1.59	7.68 0.09 -1.49
RUSSELL____4 23556	11.07 0.12 -0.74	10.30 0.11 -0.63	10.09 0.16 -0.62	10.09 0.14 -0.54	10.08 0.14 -0.61	10.76 0.12 -0.67	16.78 0.14 -0.62	18.25 -0.02 -0.67	17.45 0.00 -0.41	17.23 0.12 0.00	14.53 0.18 -0.28	12.14 0.13 -0.63	10.15 0.10 -0.98	10.08 0.12 -1.09	10.06 0.11 -1.25	10.00 0.09 -1.55	10.09 0.03 -2.44	11.79 0.05 -3.04	13.77 0.03 -3.19	16.65 0.00 -2.54	17.36 -0.02 -2.26	14.13 0.06 -2.08	9.92 0.08 -1.59	7.68 0.09 -1.49

RUSSELL___STATION 23914	11.07 0.12 -0.74	10.30 0.11 -0.63	10.09 0.16 -0.62	10.09 0.14 -0.54	10.08 0.14 -0.61	10.76 0.12 -0.67	16.78 0.14 -0.62	18.25 -0.02 -0.67	17.45 0.00 -0.41	17.23 0.12 0.00	14.53 0.18 -0.28	12.14 0.13 -0.63	10.15 0.10 -0.98	10.08 0.12 -1.09	10.06 0.11 -1.25	10.00 0.09 -1.55	10.09 0.03 -2.44	11.79 0.05 -3.04	13.77 0.03 -3.19	16.65 0.00 -2.54	17.36 -0.02 -2.26	14.13 0.06 -2.08	9.92 0.08 -1.59	7.68 0.09 -1.49
S SALMON___HYD 24043	10.57 -0.11 -0.47	9.85 -0.10 -0.40	9.61 -0.10 -0.40	9.65 -0.10 -0.34	9.63 -0.09 -0.39	10.32 -0.09 -0.43	16.32 -0.10 -0.40	17.85 -0.18 -0.44	16.80 -0.20 0.03	16.50 -0.26 0.36	13.38 -0.23 0.45	11.04 -0.20 0.14	9.02 -0.17 -0.12	8.90 -0.18 -0.21	8.80 -0.17 -0.28	8.69 -0.17 -0.50	8.60 -0.14 -1.13	9.96 -0.17 -1.43	11.76 -0.18 -1.40	14.65 -0.20 -0.74	15.49 -0.15 -0.52	12.38 -0.18 -0.58	8.68 -0.10 -0.53	6.65 -0.07 -0.63
S.PERRY__115KV_TB1 80734	11.63 0.43 -0.99	10.79 0.39 -0.85	10.58 0.43 -0.84	10.56 0.42 -0.72	10.58 0.43 -0.83	11.30 0.43 -0.90	17.95 1.15 -0.79	19.55 1.11 -0.85	18.43 0.87 -0.52	17.86 0.75 0.00	15.11 0.69 -0.36	12.69 0.51 -0.79	10.72 0.41 -1.24	10.62 0.37 -1.37	10.63 0.36 -1.58	10.64 0.32 -1.96	10.98 0.27 -3.09	12.92 0.37 -3.85	15.13 0.55 -4.04	18.10 0.78 -3.22	18.87 0.89 -2.86	15.28 0.66 -2.63	10.72 0.46 -2.01	8.34 0.35 -1.89
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	11.15 0.02 -0.92	10.34 0.00 -0.79	10.17 0.08 -0.78	10.13 0.05 -0.67	10.13 0.04 -0.77	10.78 -0.03 -0.83	16.63 -0.18 -0.79	17.94 -0.51 -0.86	17.07 -0.49 -0.52	16.80 -0.31 0.00	14.31 -0.11 -0.36	12.15 -0.03 -0.80	10.24 -0.08 -1.25	10.24 -0.02 -1.39	10.24 -0.04 -1.59	10.24 -0.10 -1.98	10.58 -0.15 -3.12	12.42 -0.16 -3.88	14.38 -0.24 -4.08	16.86 -0.49 -3.24	17.43 -0.57 -2.88	14.36 -0.29 -2.66	10.14 -0.13 -2.03	7.98 -0.02 -1.90
SAWYER__23_KV_LOAD 55526	11.15 0.02 -0.92	10.34 0.00 -0.79	10.17 0.08 -0.78	10.13 0.05 -0.67	10.13 0.04 -0.77	10.78 -0.03 -0.83	16.63 -0.18 -0.79	17.94 -0.51 -0.86	17.07 -0.49 -0.52	16.80 -0.31 0.00	14.31 -0.11 -0.36	12.15 -0.03 -0.80	10.24 -0.08 -1.25	10.24 -0.02 -1.39	10.24 -0.04 -1.59	10.24 -0.10 -1.98	10.58 -0.15 -3.12	12.42 -0.16 -3.88	14.38 -0.24 -4.08	16.86 -0.49 -3.24	17.43 -0.57 -2.88	14.36 -0.29 -2.66	10.14 -0.13 -2.03	7.98 -0.02 -1.90
SELKIRK___I 23801	17.08 0.32 -6.56	15.44 0.31 -5.58	15.16 0.31 -5.54	14.50 0.33 -4.76	15.09 0.32 -5.45	16.23 0.33 -5.92	22.09 0.51 -5.57	24.14 0.53 -6.02	21.23 0.51 -3.69	17.64 0.53 0.00	17.05 0.44 -2.55	17.33 0.34 -5.61	18.11 0.27 -8.77	18.88 0.28 -9.74	20.13 0.25 -11.18	22.52 0.23 -13.93	29.51 0.21 -21.69	35.91 0.25 -26.96	39.15 0.31 -28.30	37.25 0.41 -22.73	35.84 0.45 -20.26	31.02 0.36 -18.68	22.76 0.26 -14.25	19.67 0.18 -13.39
SELKIRK___II 23799	17.12 0.29 -6.63	15.48 0.28 -5.65	15.19 0.28 -5.60	14.52 0.29 -4.82	15.12 0.28 -5.51	16.26 0.29 -5.99	22.08 0.43 -5.63	24.14 0.46 -6.09	21.26 0.49 -3.73	17.62 0.51 0.00	17.08 0.44 -2.58	17.40 0.34 -5.67	18.22 0.27 -8.87	19.00 0.28 -9.85	20.27 0.25 -11.32	22.68 0.23 -14.09	29.72 0.21 -21.90	36.16 0.24 -27.22	39.41 0.29 -28.57	37.49 0.39 -22.99	36.05 0.42 -20.50	31.24 0.35 -18.90	22.91 0.24 -14.42	19.82 0.16 -13.55
SENECA OSWGO___HYD 24041	10.57 -0.17 -0.53	9.84 -0.17 -0.46	9.60 -0.16 -0.45	9.64 -0.16 -0.39	9.61 -0.16 -0.44	10.30 -0.16 -0.48	16.24 -0.22 -0.45	17.78 -0.30 -0.49	17.03 -0.31 -0.30	16.80 -0.31 0.00	14.04 -0.23 -0.21	11.64 -0.20 -0.46	9.63 -0.15 -0.71	9.50 -0.16 -0.79	9.44 -0.17 -0.91	9.32 -0.17 -1.13	9.24 -0.15 -1.78	10.75 -0.17 -2.21	12.68 -0.19 -2.32	15.70 -0.25 -1.85	16.51 -0.26 -1.64	13.27 -0.23 -1.51	9.26 -0.15 -1.16	7.09 -0.10 -1.09
SENECA___115KV_TB3 355854	11.26 0.09 -0.96	10.43 0.06 -0.82	10.26 0.14 -0.81	10.22 0.11 -0.70	10.23 0.10 -0.80	10.89 0.04 -0.87	16.79 -0.05 -0.83	18.15 -0.33 -0.89	17.26 -0.32 -0.55	16.94 -0.17 0.00	14.43 -0.01 -0.38	12.26 0.05 -0.83	10.35 -0.02 -1.30	10.36 0.04 -1.44	10.37 0.02 -1.66	10.37 -0.05 -2.06	10.76 -0.11 -3.25	12.64 -0.10 -4.04	14.62 -0.17 -4.25	17.09 -0.39 -3.38	17.66 -0.47 -3.00	14.54 -0.22 -2.77	10.27 -0.09 -2.11	8.08 -0.01 -1.99
SENECA___ENERGY 23797	11.01 0.03 -0.78	10.23 0.02 -0.66	10.00 0.04 -0.66	10.01 0.04 -0.56	10.02 0.05 -0.64	10.73 0.05 -0.70	16.83 0.16 -0.65	18.41 0.11 -0.71	17.54 0.07 -0.43	17.20 0.09 0.00	14.46 0.10 -0.30	12.09 0.05 -0.66	10.14 0.04 -1.03	10.05 0.04 -1.14	10.03 0.03 -1.31	10.01 0.02 -1.64	10.20 0.00 -2.58	11.95 0.03 -3.21	13.98 0.06 -3.38	16.86 0.07 -2.69	17.61 0.11 -2.39	14.23 0.05 -2.20	9.95 0.03 -1.67	7.71 0.04 -1.57
SHOEMAKER___GT 23640	15.90 0.65 -5.04	14.45 0.60 -4.29	14.15 0.59 -4.26	13.66 0.58 -3.66	14.09 0.58 -4.19	15.14 0.61 -4.55	21.28 0.99 -4.28	23.22 1.02 -4.61	20.91 1.06 -2.81	18.17 1.06 0.00	16.88 0.87 -1.95	16.39 0.73 -4.28	16.33 0.57 -6.69	16.86 0.56 -7.43	17.78 0.55 -8.53	19.52 0.54 -10.63	25.28 0.49 -17.17	30.64 0.57 -21.37	33.73 0.68 -22.51	32.57 0.90 -17.56	31.51 0.92 -15.46	27.00 0.76 -14.25	19.64 0.51 -10.87	16.70 0.38 -10.22
SHOEMAKR_138KV_BK 111 55601	15.85 0.65 -5.00	14.40 0.59 -4.26	14.12 0.59 -4.22	13.62 0.57 -3.63	14.05 0.57 -4.15	15.10 0.61 -4.51	21.23 0.98 -4.24	23.18 1.02 -4.56	20.90 1.07 -2.79	18.15 1.04 0.00	16.86 0.87 -1.93	16.35 0.73 -4.24	16.27 0.57 -6.63	16.79 0.56 -7.36	17.70 0.55 -8.46	19.43 0.54 -10.53	25.14 0.50 -17.02	30.44 0.57 -21.18	33.53 0.67 -22.31	32.41 0.90 -17.41	31.37 0.92 -15.33	26.87 0.76 -14.13	19.54 0.51 -10.78	16.61 0.38 -10.13
SHOREHAM_IC_1 23715	20.55 1.03 -9.31	15.19 0.91 -4.72	17.02 0.93 -6.78	14.38 0.94 -4.03	14.80 0.87 -4.61	19.36 0.97 -8.41	25.22 1.59 -7.63	25.39 1.74 -6.06	25.13 1.81 -6.29	18.89 1.78 0.00	23.95 1.43 -8.45	23.11 1.18 -10.54	24.22 0.93 -14.21	25.01 0.92 -15.22	26.03 0.92 -16.42	26.51 0.90 -17.25	27.59 0.85 -19.12	33.45 0.94 -23.81	36.78 1.15 -25.09	39.10 1.51 -23.49	43.80 1.60 -27.07	31.88 1.21 -18.68	26.64 0.83 -17.56	24.30 0.63 -17.57
SHOREHAM_IC_2 23716	20.55 1.03 -9.31	15.19 0.91 -4.72	17.02 0.93 -6.78	14.38 0.94 -4.03	14.80 0.87 -4.61	19.36 0.97 -8.41	25.22 1.59 -7.63	25.39 1.74 -6.06	25.13 1.81 -6.29	18.89 1.78 0.00	23.95 1.43 -8.45	23.11 1.18 -10.54	24.22 0.93 -14.21	25.01 0.92 -15.22	26.03 0.92 -16.42	26.51 0.90 -17.25	27.59 0.85 -19.12	33.45 0.94 -23.81	36.78 1.15 -25.09	39.10 1.51 -23.49	43.80 1.60 -27.07	31.88 1.21 -18.68	26.64 0.83 -17.56	24.30 0.63 -17.57
SISSONVILLE___ 23735	9.60 -0.60 0.00	9.02 -0.54 0.00	8.74 -0.57 0.00	8.86 -0.56 0.00	8.78 -0.55 0.00	9.41 -0.57 0.00	15.08 -0.93 0.00	16.59 -1.00 0.00	12.77 -1.14 3.13	12.17 -1.18 3.76	6.29 -1.08 6.69	4.78 -0.85 5.75	3.02 -0.67 5.39	3.00 -0.64 5.24	2.47 -0.63 5.60	2.43 -0.59 5.34	2.32 -0.53 4.77	2.52 -0.58 5.60	2.82 -0.71 7.02	3.70 -0.89 9.51	4.31 -0.94 9.87	3.12 -0.76 8.11	2.46 -0.54 5.25	2.08 -0.41 3.61

SITHE_IND_GS1 24169	10.41 -0.25 -0.46	9.70 -0.25 -0.39	9.46 -0.23 -0.39	9.51 -0.23 -0.33	9.48 -0.23 -0.38	10.14 -0.25 -0.41	16.02 -0.38 -0.39	17.54 -0.47 -0.42	16.83 -0.46 -0.26	16.67 -0.44 0.00	13.90 -0.34 -0.18	11.49 -0.28 -0.39	9.45 -0.24 -0.61	9.32 -0.23 -0.68	9.25 -0.23 -0.78	9.10 -0.23 -0.97	8.93 -0.21 -1.53	10.37 -0.23 -1.90	12.26 -0.28 -2.00	15.32 -0.38 -1.59	16.14 -0.39 -1.41	12.97 -0.32 -1.30	9.03 -0.21 -0.99	6.88 -0.15 -0.93
SITHE_IND_GS2 24170	10.41 -0.25 -0.46	9.70 -0.25 -0.39	9.46 -0.23 -0.39	9.51 -0.23 -0.33	9.48 -0.23 -0.38	10.14 -0.25 -0.41	16.02 -0.38 -0.39	17.54 -0.47 -0.42	16.83 -0.46 -0.26	16.67 -0.44 0.00	13.90 -0.34 -0.18	11.49 -0.28 -0.39	9.45 -0.24 -0.61	9.32 -0.23 -0.68	9.25 -0.23 -0.78	9.10 -0.23 -0.97	8.93 -0.21 -1.53	10.37 -0.23 -1.90	12.26 -0.28 -2.00	15.32 -0.38 -1.59	16.14 -0.39 -1.41	12.97 -0.32 -1.30	9.03 -0.21 -0.99	6.88 -0.15 -0.93
SITHE_IND_GS3 24171	10.41 -0.25 -0.46	9.70 -0.25 -0.39	9.46 -0.23 -0.39	9.51 -0.23 -0.33	9.48 -0.23 -0.38	10.14 -0.25 -0.41	16.02 -0.38 -0.39	17.54 -0.47 -0.42	16.83 -0.46 -0.26	16.67 -0.44 0.00	13.90 -0.34 -0.18	11.49 -0.28 -0.39	9.45 -0.24 -0.61	9.32 -0.23 -0.68	9.25 -0.23 -0.78	9.10 -0.23 -0.97	8.93 -0.21 -1.53	10.37 -0.23 -1.90	12.26 -0.28 -2.00	15.32 -0.38 -1.59	16.14 -0.39 -1.41	12.97 -0.32 -1.30	9.03 -0.21 -0.99	6.88 -0.15 -0.93
SITHE_IND_GS4 24172	10.41 -0.25 -0.46	9.70 -0.25 -0.39	9.46 -0.23 -0.39	9.51 -0.23 -0.33	9.48 -0.23 -0.38	10.14 -0.25 -0.41	16.02 -0.38 -0.39	17.54 -0.47 -0.42	16.83 -0.46 -0.26	16.67 -0.44 0.00	13.90 -0.34 -0.18	11.49 -0.28 -0.39	9.45 -0.24 -0.61	9.32 -0.23 -0.68	9.25 -0.23 -0.78	9.10 -0.23 -0.97	8.93 -0.21 -1.53	10.37 -0.23 -1.90	12.26 -0.28 -2.00	15.32 -0.38 -1.59	16.14 -0.39 -1.41	12.97 -0.32 -1.30	9.03 -0.21 -0.99	6.88 -0.15 -0.93
SITHE___BATAVIA 24024	11.19 0.15 -0.83	10.40 0.13 -0.71	10.21 0.20 -0.70	10.19 0.17 -0.60	10.20 0.18 -0.69	10.86 0.13 -0.75	17.18 0.54 -0.62	18.72 0.46 -0.67	17.86 0.41 -0.41	17.57 0.46 0.00	14.80 0.45 -0.29	12.28 0.27 -0.63	10.29 0.24 -0.98	10.23 0.27 -1.09	10.19 0.24 -1.25	10.13 0.22 -1.56	10.21 0.14 -2.46	11.95 0.19 -3.05	13.96 0.21 -3.21	16.97 0.31 -2.55	17.69 0.30 -2.27	14.40 0.32 -2.09	10.12 0.27 -1.59	7.83 0.23 -1.50
SITHE___INDEPEND 23800	10.41 -0.26 -0.46	9.70 -0.25 -0.39	9.46 -0.23 -0.39	9.51 -0.24 -0.33	9.48 -0.23 -0.38	10.14 -0.25 -0.41	16.02 -0.38 -0.39	17.54 -0.47 -0.42	16.83 -0.46 -0.26	16.67 -0.44 0.00	13.90 -0.34 -0.18	11.49 -0.28 -0.39	9.46 -0.23 -0.61	9.33 -0.22 -0.68	9.25 -0.23 -0.78	9.10 -0.23 -0.97	8.93 -0.21 -1.53	10.37 -0.23 -1.90	12.26 -0.28 -2.00	15.31 -0.38 -1.59	16.14 -0.39 -1.41	12.97 -0.32 -1.30	9.03 -0.21 -0.99	6.88 -0.15 -0.93
SITHE___MASSENA 23902	9.89 -0.32 0.00	9.27 -0.29 0.00	9.00 -0.31 0.00	9.12 -0.29 0.00	9.03 -0.30 0.00	9.68 -0.30 0.00	15.50 -0.51 0.00	17.03 -0.56 0.00	12.53 -0.68 3.82	11.83 -0.68 4.60	5.27 -0.62 8.18	3.46 -0.47 7.46	1.86 -0.36 6.85	1.87 -0.33 6.68	1.34 -0.32 7.04	1.33 -0.31 6.72	1.31 -0.27 6.04	1.36 -0.30 7.04	1.41 -0.37 8.77	1.77 -0.49 11.84	2.25 -0.53 12.35	1.48 -0.41 10.10	1.34 -0.29 6.62	1.26 -0.23 4.62
SITHE___OGDNSBRG 24021	9.84 -0.37 0.00	9.25 -0.31 0.00	8.95 -0.36 0.00	9.06 -0.35 0.00	8.99 -0.34 0.00	9.66 -0.32 0.00	15.50 -0.51 0.00	17.03 -0.56 0.00	12.90 -0.75 3.38	12.29 -0.75 4.07	6.09 -0.73 7.24	4.44 -0.56 6.39	2.70 -0.44 5.93	2.68 -0.43 5.77	2.16 -0.41 6.13	2.12 -0.38 5.85	2.06 -0.32 5.24	2.21 -0.36 6.13	2.46 -0.42 7.66	3.24 -0.49 10.37	3.82 -0.51 10.78	2.71 -0.43 8.84	2.18 -0.31 5.76	1.87 -0.25 3.98
SITHE___STERLING 23777	10.76 0.18 -0.37	10.04 0.17 -0.31	9.79 0.17 -0.31	9.85 0.17 -0.27	9.81 0.18 -0.31	10.51 0.20 -0.33	16.69 0.37 -0.31	18.30 0.37 -0.34	17.55 0.31 -0.21	17.38 0.27 0.00	14.39 0.18 -0.14	11.83 0.13 -0.32	9.66 0.09 -0.49	9.49 0.07 -0.55	9.39 0.07 -0.63	9.21 0.08 -0.78	8.94 0.09 -1.23	10.35 0.11 -1.53	12.32 0.17 -1.61	15.69 0.31 -1.28	16.67 0.41 -1.14	13.27 0.24 -1.05	9.21 0.16 -0.80	6.97 0.12 -0.75
SLEIGHT__34_KV_TB1 80719	11.16 0.22 -0.73	10.37 0.19 -0.62	10.13 0.20 -0.62	10.16 0.22 -0.53	10.15 0.21 -0.61	10.88 0.24 -0.66	17.10 0.46 -0.62	18.72 0.46 -0.67	17.84 0.39 -0.41	17.54 0.43 0.00	14.75 0.41 -0.28	12.31 0.30 -0.63	10.30 0.25 -0.98	10.19 0.23 -1.09	10.16 0.22 -1.25	10.10 0.19 -1.55	10.22 0.16 -2.44	11.94 0.21 -3.03	13.99 0.26 -3.19	16.99 0.35 -2.54	17.80 0.42 -2.25	14.34 0.28 -2.08	10.02 0.19 -1.58	7.74 0.15 -1.49
SOUTH CAIRO___GT 23612	16.91 0.41 -6.30	15.30 0.38 -5.36	15.00 0.37 -5.32	14.39 0.40 -4.58	14.95 0.39 -5.23	16.08 0.42 -5.69	22.10 0.74 -5.35	24.15 0.77 -5.79	21.26 0.68 -3.54	17.78 0.67 0.00	16.97 0.46 -2.45	17.11 0.34 -5.38	17.77 0.28 -8.42	18.51 0.29 -9.35	19.68 0.24 -10.74	21.97 0.24 -13.37	28.78 0.24 -20.92	35.04 0.33 -26.01	38.30 0.43 -27.32	36.60 0.64 -21.86	35.24 0.66 -19.46	30.50 0.58 -17.94	22.31 0.37 -13.68	19.20 0.24 -12.86
SOUTH HAMPTN___IC 23720	20.73 1.21 -9.31	15.37 1.09 -4.72	17.20 1.11 -6.78	14.54 1.10 -4.03	14.97 1.04 -4.61	19.55 1.16 -8.41	25.53 1.89 -7.63	25.73 2.07 -6.06	25.48 2.15 -6.29	19.23 2.12 0.00	24.21 1.70 -8.45	23.32 1.40 -10.54	24.39 1.11 -14.21	25.18 1.09 -15.22	26.19 1.08 -16.42	26.66 1.05 -17.25	27.73 0.99 -19.12	33.62 1.11 -23.81	36.99 1.36 -25.09	39.37 1.78 -23.49	44.11 1.91 -27.08	32.11 1.44 -18.68	26.79 0.98 -17.56	24.41 0.74 -17.57
SOUTHDOW__115KV_TB1 355954	11.73 0.49 -1.04	10.86 0.42 -0.89	10.69 0.50 -0.88	10.66 0.49 -0.76	10.68 0.49 -0.86	11.34 0.42 -0.94	17.62 0.72 -0.89	19.19 0.63 -0.96	18.17 0.55 -0.59	17.73 0.62 0.00	15.04 0.58 -0.41	12.78 0.50 -0.89	10.81 0.34 -1.40	10.81 0.39 -1.55	10.82 0.34 -1.78	10.80 0.23 -2.22	11.25 0.14 -3.49	13.23 0.18 -4.34	15.30 0.19 -4.56	17.84 0.10 -3.63	18.44 0.09 -3.22	15.14 0.18 -2.97	10.67 0.15 -2.27	8.38 0.15 -2.13
SOUTHOLD_69_KV_BK 2 55809	20.91 1.39 -9.31	15.53 1.25 -4.72	17.36 1.27 -6.78	14.68 1.24 -4.03	15.13 1.19 -4.61	19.73 1.34 -8.41	25.82 2.18 -7.63	26.06 2.41 -6.06	25.80 2.47 -6.29	19.52 2.41 0.00	24.45 1.94 -8.45	23.53 1.61 -10.54	24.56 1.27 -14.21	25.34 1.25 -15.22	26.34 1.23 -16.42	26.82 1.21 -17.25	27.89 1.15 -19.12	33.81 1.31 -23.81	37.22 1.59 -25.08	39.67 2.07 -23.49	44.41 2.21 -27.08	32.34 1.67 -18.69	26.94 1.13 -17.56	24.52 0.84 -17.57
SOUTHOLD___IC 23719	20.91 1.39 -9.31	15.53 1.25 -4.72	17.36 1.27 -6.78	14.70 1.26 -4.03	15.13 1.19 -4.61	19.73 1.34 -8.41	25.82 2.18 -7.63	26.06 2.41 -6.06	25.80 2.47 -6.29	19.54 2.43 0.00	24.48 1.97 -8.45	23.54 1.62 -10.54	24.57 1.28 -14.21	25.34 1.25 -15.22	26.35 1.23 -16.42	26.82 1.21 -17.25	27.89 1.15 -19.12	33.81 1.30 -23.81	37.22 1.59 -25.09	39.66 2.07 -23.49	44.41 2.21 -27.08	32.34 1.67 -18.68	26.94 1.13 -17.56	24.52 0.84 -17.57

SPIERFLS_115KV_TB 1 80737	17.36 0.20 -6.95	15.68 0.21 -5.92	15.38 0.20 -5.87	14.67 0.21 -5.05	15.31 0.21 -5.77	16.51 0.26 -6.27	22.44 0.53 -5.90	24.52 0.55 -6.38	21.39 0.44 -3.91	17.93 0.82 0.00	17.44 0.67 -2.70	17.84 0.51 -5.94	18.76 0.39 -9.30	19.60 0.41 -10.32	20.94 0.39 -11.86	23.33 0.21 -14.77	30.62 0.18 -22.83	37.34 0.27 -28.37	40.60 0.33 -29.73	38.58 0.47 -24.01	37.20 0.62 -21.45	32.18 0.42 -19.78	23.60 0.26 -15.09	20.45 0.16 -14.18
ST LAWRENCE____ 23600	9.84 -0.37 0.00	9.23 -0.32 0.00	8.96 -0.34 0.00	9.07 -0.34 0.00	8.99 -0.34 0.00	9.63 -0.35 0.00	15.42 -0.59 0.00	16.98 -0.62 0.00	12.41 -0.66 3.96	11.66 -0.68 4.76	5.00 -0.59 8.47	3.00 -0.46 7.93	1.50 -0.34 7.23	1.50 -0.33 7.04	1.00 -0.31 7.38	1.00 -0.30 7.06	1.00 -0.27 6.35	1.00 -0.31 7.39	1.00 -0.37 9.17	1.24 -0.49 12.37	1.64 -0.56 12.92	1.01 -0.42 10.55	1.00 -0.30 6.95	1.00 -0.22 4.88
STATE_CA_115KV_115_LB 55624	17.21 0.28 -6.73	15.56 0.28 -5.73	15.27 0.27 -5.69	14.60 0.30 -4.89	15.21 0.29 -5.59	16.34 0.29 -6.08	22.16 0.43 -5.71	24.23 0.46 -6.18	21.30 0.48 -3.79	17.61 0.50 0.00	17.10 0.42 -2.62	17.47 0.33 -5.76	18.34 0.26 -9.00	19.13 0.26 -10.00	20.43 0.24 -11.49	22.89 0.23 -14.30	29.93 0.20 -22.12	36.43 0.24 -27.48	39.68 0.30 -28.84	37.78 0.38 -23.29	36.37 0.44 -20.81	31.52 0.35 -19.18	23.12 0.24 -14.64	20.02 0.16 -13.75
STATE_ST_34_KV_LOAD 55959	11.15 0.17 -0.77	10.36 0.15 -0.65	10.12 0.16 -0.65	10.15 0.18 -0.56	10.13 0.17 -0.64	10.86 0.19 -0.69	17.05 0.38 -0.65	18.66 0.37 -0.70	17.76 0.29 -0.43	17.44 0.33 0.00	14.67 0.31 -0.30	12.26 0.22 -0.66	10.27 0.17 -1.03	10.17 0.16 -1.14	10.14 0.14 -1.31	10.11 0.13 -1.63	10.28 0.11 -2.55	12.03 0.15 -3.18	14.08 0.20 -3.34	17.03 0.27 -2.66	17.83 0.35 -2.36	14.37 0.20 -2.17	10.05 0.14 -1.66	7.78 0.12 -1.56
STATION 5_MISC_HYD 23604	11.02 0.07 -0.74	10.25 0.07 -0.63	10.04 0.11 -0.62	10.04 0.09 -0.54	10.03 0.09 -0.61	10.72 0.07 -0.67	16.71 0.08 -0.62	18.18 -0.09 -0.67	17.36 -0.08 -0.41	17.09 -0.02 0.00	14.44 0.10 -0.28	12.07 0.06 -0.62	10.09 0.05 -0.98	10.03 0.07 -1.08	10.00 0.06 -1.25	9.95 0.04 -1.55	10.06 -0.01 -2.45	11.75 0.01 -3.04	13.72 -0.02 -3.20	16.58 -0.07 -2.54	17.28 -0.11 -2.26	14.06 -0.01 -2.08	9.88 0.04 -1.59	7.65 0.06 -1.49
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	11.03 0.08 -0.74	10.26 0.08 -0.63	10.04 0.10 -0.62	10.05 0.10 -0.54	10.04 0.10 -0.61	10.75 0.10 -0.67	16.81 0.18 -0.62	18.34 0.07 -0.67	17.52 0.07 -0.41	17.23 0.12 0.00	14.52 0.17 -0.28	12.10 0.09 -0.63	10.13 0.08 -0.98	10.05 0.09 -1.09	10.03 0.08 -1.25	9.98 0.07 -1.56	10.09 0.02 -2.45	11.80 0.05 -3.04	13.81 0.06 -3.20	16.71 0.06 -2.55	17.44 0.06 -2.26	14.13 0.06 -2.08	9.91 0.07 -1.59	7.66 0.07 -1.49
STA_56_34_KV_BUS2_REV_LBMP_B 345033	10.95 0.01 -0.73	10.19 0.01 -0.62	9.97 0.05 -0.62	9.97 0.03 -0.53	9.97 0.04 -0.61	10.65 0.01 -0.66	16.61 -0.02 -0.62	18.08 -0.18 -0.67	17.27 -0.17 -0.41	17.06 -0.05 0.00	14.37 0.03 -0.28	12.01 0.00 -0.62	10.04 0.00 -0.97	9.98 0.03 -1.08	9.95 0.02 -1.24	9.90 0.00 -1.54	10.00 -0.05 -2.43	11.68 -0.03 -3.02	13.64 -0.07 -3.17	16.49 -0.14 -2.52	17.20 -0.17 -2.24	13.98 -0.07 -2.07	9.82 -0.01 -1.58	7.60 0.02 -1.48
STA_56____34_KV_BUS2 355983	10.95 0.01 -0.73	10.19 0.01 -0.62	9.97 0.05 -0.62	9.97 0.03 -0.53	9.97 0.04 -0.61	10.65 0.01 -0.66	16.61 -0.02 -0.62	18.08 -0.18 -0.67	17.27 -0.17 -0.41	17.06 -0.05 0.00	14.37 0.03 -0.28	12.01 0.00 -0.62	10.04 0.00 -0.97	9.98 0.03 -1.08	9.95 0.02 -1.24	9.90 0.00 -1.54	10.00 -0.05 -2.43	11.68 -0.03 -3.02	13.64 -0.07 -3.17	16.49 -0.14 -2.52	17.20 -0.17 -2.24	13.98 -0.07 -2.07	9.82 -0.01 -1.58	7.60 0.02 -1.48
STA_67____115KV_BK2 355882	10.99 0.05 -0.74	10.23 0.05 -0.63	10.03 0.09 -0.62	10.02 0.08 -0.54	10.02 0.07 -0.61	10.69 0.05 -0.67	16.68 0.05 -0.62	18.12 -0.14 -0.67	17.33 -0.12 -0.41	17.09 -0.02 0.00	14.43 0.08 -0.28	12.06 0.05 -0.62	10.09 0.04 -0.98	10.02 0.06 -1.08	10.00 0.05 -1.25	9.93 0.03 -1.55	10.04 -0.02 -2.44	11.73 -0.01 -3.04	13.69 -0.04 -3.19	16.53 -0.11 -2.54	17.24 -0.14 -2.26	14.03 -0.04 -2.08	9.85 0.02 -1.59	7.64 0.05 -1.49
STA_7____115KV_9TRANS 80674	11.07 0.12 -0.74	10.30 0.11 -0.63	10.09 0.16 -0.62	10.09 0.14 -0.54	10.08 0.14 -0.61	10.76 0.12 -0.67	16.78 0.14 -0.62	18.25 -0.02 -0.67	17.45 0.00 -0.41	17.23 0.12 0.00	14.53 0.18 -0.28	12.14 0.13 -0.63	10.15 0.10 -0.98	10.08 0.12 -1.09	10.06 0.11 -1.25	10.00 0.09 -1.55	10.09 0.03 -2.44	11.79 0.05 -3.04	13.77 0.03 -3.19	16.65 0.00 -2.54	17.36 -0.02 -2.26	14.13 0.06 -2.08	9.92 0.08 -1.59	7.68 0.09 -1.49
STA_82____115KV_TB1 80780	11.01 0.06 -0.74	10.24 0.06 -0.63	10.03 0.09 -0.63	10.03 0.08 -0.54	10.03 0.08 -0.62	10.70 0.05 -0.67	16.68 0.05 -0.62	18.14 -0.12 -0.67	17.33 -0.12 -0.41	17.11 0.00 0.00	14.43 0.08 -0.28	12.07 0.06 -0.63	10.09 0.04 -0.98	10.03 0.07 -1.09	10.00 0.05 -1.25	9.94 0.03 -1.56	10.05 -0.02 -2.45	11.75 0.00 -3.05	13.70 -0.04 -3.20	16.56 -0.10 -2.55	17.27 -0.12 -2.26	14.05 -0.02 -2.09	9.87 0.02 -1.59	7.65 0.05 -1.50
STEEL____WIND 323596	11.25 0.08 -0.96	10.42 0.05 -0.82	10.25 0.13 -0.81	10.20 0.09 -0.70	10.22 0.09 -0.80	10.88 0.03 -0.87	16.77 -0.06 -0.83	18.13 -0.35 -0.89	17.24 -0.34 -0.55	17.06 -0.05 0.00	14.38 -0.06 -0.38	12.23 0.01 -0.83	10.33 -0.05 -1.30	10.34 0.03 -1.44	10.35 -0.01 -1.66	10.36 -0.06 -2.06	10.76 -0.11 -3.25	12.63 -0.11 -4.04	14.61 -0.18 -4.25	17.08 -0.41 -3.38	17.64 -0.48 -3.00	14.53 -0.23 -2.77	10.26 -0.10 -2.11	8.08 -0.01 -1.98
STEPHTWN_115KV_BK_2 55603	17.20 0.34 -6.66	15.55 0.32 -5.67	15.25 0.32 -5.63	14.60 0.35 -4.84	15.19 0.33 -5.53	16.34 0.35 -6.01	22.21 0.54 -5.65	24.27 0.56 -6.12	21.35 0.56 -3.75	17.69 0.58 0.00	17.15 0.49 -2.59	17.47 0.39 -5.70	18.29 0.31 -8.91	19.09 0.32 -9.89	20.35 0.29 -11.36	22.79 0.28 -14.15	29.76 0.25 -21.89	36.22 0.31 -27.20	39.47 0.37 -28.56	37.65 0.48 -23.06	36.28 0.56 -20.60	31.41 0.43 -18.99	23.04 0.31 -14.49	19.92 0.20 -13.62
STEBEN_REC_LFGE 323667	11.82 0.40 -1.22	10.94 0.34 -1.04	10.73 0.39 -1.03	10.68 0.39 -0.89	10.72 0.38 -1.01	11.47 0.39 -1.10	18.12 1.10 -1.00	19.79 1.11 -1.08	18.67 0.97 -0.66	17.97 0.86 0.00	15.29 0.77 -0.46	12.96 0.57 -1.01	11.09 0.44 -1.58	11.02 0.40 -1.75	11.08 0.37 -2.01	11.16 0.30 -2.51	11.82 0.26 -3.95	13.96 0.35 -4.91	16.20 0.50 -5.16	18.86 0.65 -4.11	19.51 0.74 -3.64	15.85 0.50 -3.36	11.15 0.34 -2.56	8.77 0.26 -2.41
STONY____BROOK 24151	20.70 1.18 -9.31	15.33 1.05 -4.72	17.15 1.06 -6.78	14.50 1.05 -4.03	14.94 1.01 -4.61	19.51 1.12 -8.41	25.45 1.81 -7.63	25.64 1.99 -6.06	25.39 2.06 -6.29	19.16 2.05 0.00	24.17 1.66 -8.45	23.30 1.38 -10.54	24.37 1.09 -14.21	25.16 1.07 -15.22	26.18 1.07 -16.42	26.65 1.04 -17.25	27.69 0.95 -19.12	33.56 1.05 -23.81	36.91 1.29 -25.08	39.27 1.68 -23.49	43.87 1.75 -26.99	32.04 1.37 -18.68	26.76 0.95 -17.56	24.39 0.72 -17.57

STURGEON_POOL_HYD 23609	16.54 0.82 -5.52	14.98 0.73 -4.70	14.69 0.72 -4.66	14.11 0.69 -4.01	14.60 0.69 -4.58	15.70 0.74 -4.98	21.91 1.22 -4.68	23.99 1.34 -5.06	21.58 1.45 -3.09	18.53 1.42 0.00	17.40 1.20 -2.14	17.09 1.00 -4.70	17.21 0.78 -7.36	17.80 0.76 -8.17	18.84 0.76 -9.38	20.81 0.77 -11.68	27.03 0.72 -18.69	32.74 0.79 -23.25	35.94 0.92 -24.47	34.57 1.21 -19.25	33.32 1.19 -17.00	28.66 0.99 -15.68	20.87 0.66 -11.96	17.84 0.50 -11.24
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	16.10 0.71 -5.18	14.62 0.65 -4.41	14.33 0.64 -4.38	13.81 0.63 -3.77	14.26 0.62 -4.31	15.33 0.67 -4.68	21.48 1.07 -4.40	23.51 1.18 -4.74	21.20 1.26 -2.90	18.34 1.23 0.00	17.09 1.03 -2.00	16.66 0.87 -4.41	16.64 0.68 -6.89	17.19 0.67 -7.65	18.14 0.65 -8.79	19.95 0.65 -10.94	25.92 0.61 -17.69	31.41 0.69 -22.02	34.55 0.81 -23.20	33.28 1.09 -18.09	32.13 1.09 -15.92	27.55 0.89 -14.68	20.04 0.59 -11.20	17.07 0.44 -10.52
SWANROAD_115KV_TB1 355699	10.90 -0.19 -0.89	10.11 -0.20 -0.75	9.95 -0.11 -0.75	9.90 -0.15 -0.64	9.91 -0.15 -0.74	10.55 -0.23 -0.80	16.25 -0.53 -0.76	17.49 -0.93 -0.83	16.64 -0.90 -0.50	16.39 -0.72 0.00	13.97 -0.44 -0.35	11.87 -0.28 -0.77	9.99 -0.28 -1.20	9.99 -0.21 -1.33	9.99 -0.23 -1.53	9.99 -0.28 -1.91	10.29 -0.34 -3.00	12.08 -0.36 -3.73	13.97 -0.50 -3.93	16.40 -0.83 -3.12	16.94 -0.95 -2.77	13.97 -0.58 -2.56	9.90 -0.30 -1.95	7.79 -0.14 -1.83
SYNERGY___BIOGAS 323694	11.19 0.15 -0.83	10.40 0.13 -0.71	10.21 0.20 -0.70	10.19 0.17 -0.60	10.20 0.18 -0.69	10.86 0.13 -0.75	17.18 0.54 -0.62	18.72 0.46 -0.67	17.86 0.41 -0.41	17.57 0.46 0.00	14.80 0.45 -0.29	12.28 0.27 -0.63	10.29 0.24 -0.98	10.23 0.27 -1.09	10.19 0.24 -1.25	10.13 0.22 -1.56	10.21 0.14 -2.46	11.95 0.19 -3.05	13.96 0.21 -3.21	16.97 0.31 -2.55	17.69 0.30 -2.27	14.40 0.32 -2.09	10.12 0.27 -1.59	7.83 0.23 -1.50
SYRACUSE___ENERGY_ST1 323597	10.84 -0.01 -0.64	10.08 -0.02 -0.55	9.84 -0.01 -0.54	9.88 0.00 -0.47	9.86 0.00 -0.53	10.56 0.00 -0.58	16.60 0.05 -0.54	18.18 0.00 -0.59	17.38 -0.02 -0.36	17.11 0.00 0.00	14.34 0.03 -0.25	11.93 0.00 -0.54	9.93 0.01 -0.85	9.82 0.00 -0.95	9.78 -0.01 -1.09	9.68 -0.02 -1.34	9.70 -0.02 -2.11	11.30 -0.02 -2.62	13.29 0.00 -2.75	16.28 -0.01 -2.19	17.08 0.02 -1.94	13.76 -0.02 -1.79	9.63 -0.01 -1.38	7.40 0.00 -1.30
SYRACUSE___ENERGY_ST2 323598	10.84 -0.01 -0.64	10.08 -0.02 -0.55	9.84 -0.01 -0.54	9.88 0.00 -0.47	9.86 0.00 -0.53	10.56 0.00 -0.58	16.60 0.05 -0.54	18.18 0.00 -0.59	17.38 -0.02 -0.36	17.11 0.00 0.00	14.34 0.03 -0.25	11.93 0.00 -0.54	9.93 0.01 -0.85	9.82 0.00 -0.95	9.78 -0.01 -1.09	9.68 -0.02 -1.34	9.70 -0.02 -2.11	11.30 -0.02 -2.62	13.29 0.00 -2.75	16.28 -0.01 -2.19	17.08 0.02 -1.94	13.76 -0.02 -1.79	9.63 -0.01 -1.38	7.40 0.00 -1.30
SYRACUSE___POWER 24017	10.84 -0.02 -0.66	10.09 -0.03 -0.56	9.86 -0.01 -0.56	9.88 -0.01 -0.48	9.87 -0.01 -0.55	10.56 -0.01 -0.59	16.58 0.02 -0.56	18.18 -0.02 -0.60	17.37 -0.03 -0.37	17.09 -0.02 0.00	14.34 0.03 -0.25	11.94 0.00 -0.56	9.95 0.01 -0.87	9.84 0.00 -0.97	9.80 -0.01 -1.11	9.73 -0.02 -1.39	9.79 -0.02 -2.19	11.42 -0.01 -2.73	13.41 0.00 -2.86	16.38 0.00 -2.28	17.16 0.02 -2.02	13.84 -0.01 -1.87	9.67 -0.01 -1.42	7.44 0.00 -1.34
TALLMAN_138KV_BK151 55660	16.33 0.79 -5.34	14.82 0.72 -4.55	14.53 0.71 -4.51	13.98 0.69 -3.88	14.46 0.69 -4.44	15.53 0.73 -4.82	21.73 1.18 -4.53	23.85 1.32 -4.94	21.49 1.43 -3.02	18.57 1.45 0.00	17.36 1.21 -2.09	17.00 1.00 -4.61	17.06 0.79 -7.20	17.65 0.78 -8.00	18.63 0.77 -9.16	20.53 0.77 -11.40	26.77 0.71 -18.45	32.44 0.78 -22.96	35.64 0.91 -24.19	34.14 1.18 -18.85	32.92 1.21 -16.59	28.25 0.97 -15.29	20.57 0.65 -11.67	17.56 0.49 -10.97
TEALLAVE_115KV_TB7 355573	10.72 -0.05 -0.57	9.98 -0.06 -0.48	9.74 -0.05 -0.48	9.78 -0.05 -0.41	9.75 -0.05 -0.47	10.45 -0.04 -0.51	16.46 -0.03 -0.48	18.02 -0.09 -0.52	17.27 -0.09 -0.32	17.03 -0.09 0.00	14.27 -0.01 -0.22	11.83 -0.03 -0.48	9.81 -0.02 -0.75	9.68 -0.03 -0.84	9.62 -0.03 -0.96	9.51 -0.04 -1.19	9.46 -0.05 -1.88	11.00 -0.04 -2.34	12.96 -0.04 -2.46	15.99 -0.07 -1.96	16.82 -0.05 -1.74	13.53 -0.06 -1.60	9.43 -0.04 -1.22	7.23 -0.02 -1.15
TELGRAPH_34_KV_EAST 80808	11.08 0.02 -0.85	10.29 0.01 -0.73	10.11 0.08 -0.72	10.09 0.06 -0.62	10.08 0.05 -0.71	10.74 -0.01 -0.77	16.56 -0.19 -0.74	17.86 -0.53 -0.80	17.00 -0.53 -0.49	16.77 -0.34 0.00	14.25 -0.15 -0.34	12.05 -0.08 -0.74	10.13 -0.11 -1.16	10.11 -0.05 -1.29	10.11 -0.07 -1.49	10.09 -0.12 -1.85	10.35 -0.18 -2.91	12.14 -0.18 -3.62	14.08 -0.27 -3.81	16.63 -0.51 -3.03	17.22 -0.59 -2.69	14.16 -0.31 -2.48	10.01 -0.13 -1.89	7.85 -0.03 -1.78
TEMPLE___115KV_TB 2 55572	10.74 -0.04 -0.57	9.98 -0.06 -0.49	9.76 -0.04 -0.48	9.79 -0.04 -0.42	9.77 -0.04 -0.48	10.46 -0.04 -0.52	16.48 -0.02 -0.49	18.03 -0.09 -0.52	17.29 -0.07 -0.32	17.04 -0.07 0.00	14.28 0.00 -0.22	11.85 -0.02 -0.49	9.82 -0.01 -0.76	9.70 -0.02 -0.85	9.64 -0.03 -0.97	9.53 -0.03 -1.21	9.49 -0.04 -1.91	11.04 -0.03 -2.37	13.01 -0.03 -2.49	16.03 -0.06 -1.98	16.85 -0.03 -1.76	13.56 -0.05 -1.62	9.46 -0.03 -1.24	7.25 -0.02 -1.16
TIANA___69_KV_BK 1 55817	20.69 1.17 -9.31	15.33 1.05 -4.72	17.15 1.06 -6.78	14.49 1.04 -4.03	14.93 1.00 -4.61	19.51 1.12 -8.41	25.46 1.83 -7.63	25.66 2.01 -6.06	25.41 2.08 -6.29	19.13 2.02 0.00	24.14 1.63 -8.45	23.27 1.34 -10.54	24.35 1.06 -14.21	25.14 1.05 -15.22	26.15 1.03 -16.42	26.63 1.02 -17.25	27.70 0.96 -19.12	33.59 1.08 -23.81	36.95 1.32 -25.08	39.31 1.72 -23.49	44.04 1.83 -27.08	32.06 1.39 -18.69	26.76 0.95 -17.56	24.39 0.71 -17.57
TILDEN___115KV_TB1 80814	10.84 -0.02 -0.66	10.09 -0.03 -0.56	9.86 -0.01 -0.56	9.88 -0.01 -0.48	9.87 -0.01 -0.55	10.56 -0.01 -0.59	16.58 0.02 -0.56	18.18 -0.02 -0.60	17.37 -0.03 -0.37	17.09 -0.02 0.00	14.34 0.03 -0.25	11.94 0.00 -0.56	9.95 0.01 -0.87	9.84 0.00 -0.97	9.80 -0.01 -1.11	9.73 -0.02 -1.39	9.79 -0.02 -2.19	11.42 -0.01 -2.73	13.41 0.00 -2.86	16.38 0.00 -2.28	17.16 0.02 -2.02	13.84 -0.01 -1.87	9.67 -0.01 -1.42	7.44 0.00 -1.34
TRIGEN___CC 323695	20.54 1.02 -9.31	15.20 0.92 -4.72	17.01 0.91 -6.78	14.33 0.88 -4.03	14.81 0.88 -4.61	19.35 0.96 -8.41	25.16 1.52 -7.63	25.32 1.67 -6.06	25.10 1.77 -6.29	18.89 1.78 0.00	23.99 1.48 -8.45	23.14 1.22 -10.54	24.26 0.97 -14.21	25.04 0.95 -15.22	26.05 0.94 -16.42	26.53 0.92 -17.25	27.56 0.82 -19.12	33.40 0.90 -23.80	36.70 1.08 -25.08	39.00 1.41 -23.48	43.21 1.44 -26.65	31.83 1.16 -18.68	26.62 0.81 -17.56	24.29 0.62 -17.57
TRINITY_115KV__ 4 BK 55933	17.13 0.26 -6.67	15.48 0.25 -5.68	15.20 0.25 -5.64	14.53 0.27 -4.85	15.13 0.26 -5.54	16.27 0.27 -6.02	22.04 0.37 -5.66	24.11 0.39 -6.13	21.22 0.43 -3.75	17.56 0.44 0.00	17.04 0.38 -2.60	17.40 0.31 -5.71	18.23 0.24 -8.92	19.01 0.23 -9.91	20.30 0.22 -11.38	22.73 0.20 -14.18	29.71 0.18 -21.92	36.15 0.21 -27.24	39.39 0.25 -28.60	37.54 0.34 -23.10	36.13 0.38 -20.63	31.31 0.30 -19.02	22.98 0.21 -14.51	19.88 0.14 -13.64

UNION___PROCESSING_DRP 323587	11.01 0.06 -0.74	10.24 0.06 -0.63	10.04 0.10 -0.63	10.04 0.08 -0.54	10.03 0.08 -0.62	10.71 0.06 -0.67	16.70 0.06 -0.62	18.14 -0.12 -0.67	17.35 -0.10 -0.41	17.13 0.02 0.00	14.45 0.10 -0.29	12.07 0.06 -0.63	10.10 0.05 -0.98	10.03 0.07 -1.09	10.01 0.06 -1.25	9.95 0.03 -1.56	10.05 -0.02 -2.45	11.75 0.00 -3.05	13.72 -0.03 -3.21	16.56 -0.10 -2.55	17.27 -0.12 -2.27	14.05 -0.02 -2.09	9.87 0.02 -1.59	7.65 0.05 -1.50
UPPER HUDSON___HYD 24058	17.36 0.20 -6.95	15.68 0.21 -5.92	15.38 0.20 -5.87	14.67 0.21 -5.05	15.31 0.21 -5.77	16.51 0.26 -6.27	22.44 0.53 -5.90	24.52 0.55 -6.38	21.39 0.44 -3.91	17.49 0.38 0.00	17.07 0.31 -2.70	17.55 0.22 -5.94	18.53 0.16 -9.30	19.37 0.18 -10.32	20.73 0.17 -11.86	23.32 0.20 -14.77	30.62 0.18 -22.83	37.34 0.27 -28.37	40.64 0.33 -29.77	38.61 0.46 -24.05	37.22 0.62 -21.48	32.21 0.42 -19.80	23.62 0.26 -15.11	20.46 0.16 -14.20
UPPER RAQUET___HYD 24056	9.60 -0.60 0.00	9.02 -0.53 0.00	8.74 -0.57 0.00	8.86 -0.56 0.00	8.78 -0.55 0.00	9.41 -0.57 0.00	15.08 -0.93 0.00	16.59 -1.00 0.00	12.74 -1.14 3.15	12.12 -1.20 3.79	6.23 -1.08 6.74	4.73 -0.85 5.80	2.97 -0.67 5.43	2.95 -0.64 5.28	2.43 -0.63 5.64	2.38 -0.59 5.38	2.28 -0.53 4.81	2.48 -0.58 5.64	2.76 -0.71 7.07	3.63 -0.89 9.59	4.23 -0.94 9.95	3.06 -0.75 8.18	2.42 -0.54 5.30	2.05 -0.42 3.64
VALLEY44_115KV_TB2 355964	11.30 0.02 -1.07	10.47 0.00 -0.91	10.29 0.07 -0.90	10.24 0.05 -0.78	10.26 0.05 -0.89	10.92 -0.02 -0.97	16.91 -0.02 -0.91	18.33 -0.25 -0.99	17.42 -0.22 -0.60	16.97 -0.14 0.00	14.45 -0.03 -0.42	12.30 0.00 -0.92	10.46 -0.05 -1.43	10.46 0.00 -1.59	10.50 -0.03 -1.83	10.55 -0.08 -2.28	11.09 -0.11 -3.58	13.05 -0.11 -4.46	15.07 -0.16 -4.69	17.49 -0.34 -3.73	18.05 -0.38 -3.31	14.82 -0.22 -3.05	10.44 -0.13 -2.33	8.24 -0.04 -2.19
VALLEY___115KV_TB 1-4 80826	10.15 -0.05 0.00	9.52 -0.04 0.00	9.27 -0.04 0.00	9.37 -0.04 0.00	9.29 -0.04 0.00	9.94 -0.04 0.00	15.96 -0.05 0.00	17.52 -0.07 0.00	17.17 -0.03 -0.17	17.26 -0.05 -0.20	14.33 -0.08 -0.35	11.60 -0.11 -0.33	9.24 -0.14 -0.30	8.99 -0.18 -0.29	8.81 -0.20 -0.31	8.46 -0.19 -0.29	7.72 -0.17 -0.27	8.81 -0.20 -0.31	10.68 -0.24 -0.38	14.34 -0.28 -0.52	15.37 -0.29 -0.54	12.21 -0.22 -0.44	8.39 -0.15 -0.29	6.20 -0.11 -0.20
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	12.94 0.55 -2.18	11.94 0.53 -1.86	11.65 0.50 -1.84	11.49 0.49 -1.58	11.64 0.50 -1.81	12.50 0.55 -1.97	18.82 0.96 -1.85	20.58 0.99 -2.00	19.22 0.95 -1.22	18.05 0.94 0.00	15.67 0.76 -0.85	13.84 0.59 -1.86	12.43 0.44 -2.91	12.51 0.41 -3.23	12.81 0.40 -3.71	13.38 0.40 -4.63	15.28 0.38 -7.29	18.18 0.42 -9.06	20.58 0.52 -9.52	22.44 0.76 -7.58	22.71 0.86 -6.73	18.81 0.62 -6.20	13.41 0.43 -4.73	10.87 0.32 -4.45
VISCHER___FERRY HYD 24020	17.38 0.40 -6.78	15.70 0.37 -5.77	15.40 0.36 -5.73	14.70 0.37 -4.93	15.33 0.37 -5.63	16.50 0.40 -6.12	22.42 0.66 -5.76	24.51 0.69 -6.23	21.52 0.66 -3.82	17.76 0.65 0.00	17.25 0.55 -2.64	17.62 0.43 -5.80	18.49 0.34 -9.07	19.29 0.35 -10.08	20.60 0.33 -11.57	23.09 0.32 -14.41	30.03 0.28 -22.13	36.53 0.34 -27.49	39.80 0.42 -28.83	38.09 0.56 -23.42	36.71 0.62 -20.97	31.81 0.49 -19.33	23.34 0.35 -14.75	20.19 0.23 -13.86
V_A_10_SYNC_DSASP 323832	11.01 -0.01 -0.81	10.23 -0.02 -0.69	10.04 0.05 -0.69	10.02 0.02 -0.59	10.02 0.02 -0.68	10.68 -0.03 -0.73	16.55 -0.16 -0.69	17.88 -0.46 -0.75	17.07 -0.43 -0.46	16.79 -0.33 0.00	14.25 -0.13 -0.32	12.03 -0.06 -0.70	10.08 -0.08 -1.09	10.06 -0.03 -1.21	10.04 -0.05 -1.39	10.02 -0.08 -1.73	10.23 -0.12 -2.73	11.98 -0.12 -3.40	13.92 -0.19 -3.57	16.55 -0.39 -2.84	17.18 -0.47 -2.52	14.08 -0.23 -2.33	9.92 -0.10 -1.77	7.76 -0.01 -1.67
V_CMM_10_SYNC_DSASP 323787	9.88 -0.33 0.00	9.26 -0.30 0.00	8.99 -0.32 0.00	9.11 -0.30 0.00	9.02 -0.31 0.00	9.66 -0.32 0.00	15.47 -0.54 0.00	17.05 -0.55 0.00	12.46 -0.61 3.96	11.71 -0.63 4.76	5.04 -0.55 8.47	3.03 -0.42 7.93	1.53 -0.32 7.23	1.53 -0.30 7.04	1.03 -0.29 7.38	1.02 -0.28 7.06	1.02 -0.24 6.35	1.03 -0.28 7.39	1.03 -0.34 9.17	1.28 -0.45 12.37	1.69 -0.51 12.92	1.05 -0.38 10.55	1.02 -0.27 6.95	1.02 -0.20 4.88
V_CMP_10_SYNC_DSASP 323788	10.05 -0.15 0.00	9.44 -0.11 0.00	9.15 -0.16 0.00	9.27 -0.14 0.00	9.15 -0.18 0.00	9.78 -0.20 0.00	15.58 -0.43 0.00	17.13 -0.46 0.00	12.38 -0.75 3.91	11.49 -0.92 4.70	4.74 -0.97 8.36	-0.02 -0.77 10.63	-0.46 -0.62 8.91	-0.46 -0.59 8.75	-0.46 -0.57 8.59	-0.46 -0.54 8.27	-0.47 -0.50 7.60	-0.46 -0.55 8.61	-0.44 -0.66 10.32	-0.40 -0.87 13.63	-0.41 -0.95 14.58	-0.42 -0.75 11.65	-0.46 -0.53 8.18	-0.48 -0.40 6.18
V_E_10_SYNC_DSASP 323830	12.57 0.72 -1.64	11.67 0.72 -1.40	11.38 0.68 -1.39	11.28 0.68 -1.20	11.40 0.71 -1.37	12.26 0.80 -1.49	18.87 1.46 -1.40	20.53 1.42 -1.51	19.19 1.23 -0.92	18.22 1.11 0.00	15.47 0.77 -0.64	13.31 0.52 -1.40	11.62 0.35 -2.19	11.60 0.29 -2.44	11.78 0.28 -2.80	12.13 0.28 -3.49	13.43 0.32 -5.49	15.94 0.41 -6.83	18.35 0.62 -7.18	20.91 1.09 -5.71	21.53 1.33 -5.07	17.49 0.83 -4.68	12.34 0.52 -3.57	9.84 0.39 -3.35
V_F_30_NSYNC___DSASP 323816	17.59 0.46 -6.92	15.89 0.44 -5.90	15.59 0.43 -5.85	14.88 0.43 -5.03	15.52 0.44 -5.75	16.71 0.48 -6.25	22.72 0.83 -5.88	24.83 0.88 -6.36	21.72 0.78 -3.90	17.86 0.75 0.00	17.39 0.63 -2.69	17.80 0.49 -5.92	18.72 0.38 -9.26	19.55 0.39 -10.29	20.89 0.37 -11.82	23.45 0.38 -14.72	30.69 0.34 -22.73	37.38 0.43 -28.25	40.71 0.53 -29.64	38.78 0.72 -23.96	37.36 0.83 -21.41	32.36 0.63 -19.74	23.74 0.43 -15.06	20.55 0.29 -14.15
V_F_30_SYNC_DSASP 323786	17.21 0.28 -6.72	15.56 0.28 -5.73	15.26 0.27 -5.68	14.59 0.29 -4.89	15.19 0.28 -5.59	16.34 0.29 -6.07	22.15 0.43 -5.71	24.21 0.44 -6.18	21.28 0.46 -3.78	17.62 0.51 0.00	17.12 0.44 -2.62	17.48 0.34 -5.75	18.34 0.27 -9.00	19.14 0.28 -9.99	20.42 0.24 -11.48	22.88 0.23 -14.29	29.91 0.20 -22.10	36.41 0.24 -27.46	39.65 0.29 -28.82	37.76 0.38 -23.28	36.36 0.44 -20.79	31.49 0.34 -19.17	23.11 0.24 -14.62	20.01 0.16 -13.74
V_XM_10_SYNC_DSASP 323789	10.05 -0.15 0.00	9.44 -0.11 0.00	9.15 -0.16 0.00	9.27 -0.14 0.00	9.15 -0.18 0.00	9.78 -0.20 0.00	15.58 -0.43 0.00	17.13 -0.46 0.00	12.38 -0.75 3.91	11.49 -0.92 4.70	4.74 -0.97 8.36	-0.02 -0.77 10.63	-0.46 -0.62 8.91	-0.46 -0.59 8.75	-0.46 -0.57 8.59	-0.46 -0.54 8.27	-0.47 -0.50 7.60	-0.46 -0.55 8.61	-0.44 -0.66 10.32	-0.40 -0.87 13.63	-0.41 -0.95 14.58	-0.42 -0.75 11.65	-0.46 -0.53 8.18	-0.48 -0.40 6.18
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	16.41 0.84 -5.36	14.88 0.75 -4.57	14.59 0.74 -4.53	14.03 0.72 -3.90	14.51 0.73 -4.46	15.60 0.78 -4.84	21.83 1.26 -4.55	23.97 1.41 -4.97	21.59 1.52 -3.03	18.63 1.52 0.00	17.43 1.27 -2.10	17.06 1.05 -4.63	17.14 0.83 -7.24	17.73 0.82 -8.04	18.71 0.81 -9.20	20.62 0.80 -11.46	26.90 0.75 -18.54	32.60 0.83 -23.07	35.82 0.97 -24.31	34.32 1.27 -18.95	33.08 1.29 -16.67	28.40 1.04 -15.37	20.67 0.69 -11.73	17.65 0.52 -11.02

W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	16.66 0.91 -5.54	15.09 0.81 -4.72	14.80 0.81 -4.69	14.23 0.79 -4.03	14.73 0.79 -4.61	15.82 0.84 -5.01	22.05 1.33 -4.71	24.21 1.50 -5.12	21.78 1.62 -3.13	18.80 1.68 -0.01	17.60 1.38 -2.16	17.87 1.16 -5.32	18.15 0.92 -8.17	18.97 0.90 -9.20	19.14 0.90 -9.55	21.06 0.88 -11.82	27.53 0.79 -19.12	33.37 0.87 -23.80	36.63 1.01 -25.08	34.95 1.31 -19.53	33.64 1.33 -17.19	28.90 1.07 -15.84	21.05 0.72 -12.09	18.03 0.56 -11.36
W50THST__13_KV_LOAD 356117	16.71 0.96 -5.54	15.14 0.86 -4.72	14.85 0.86 -4.69	14.27 0.83 -4.03	14.77 0.84 -4.61	15.86 0.88 -5.01	22.14 1.43 -4.71	24.31 1.60 -5.12	21.90 1.74 -3.13	18.90 1.78 -0.01	17.69 1.46 -2.16	17.95 1.24 -5.32	18.23 0.99 -8.17	19.04 0.97 -9.20	19.20 0.96 -9.55	21.12 0.94 -11.82	27.58 0.85 -19.12	33.43 0.93 -23.80	36.69 1.08 -25.08	35.03 1.40 -19.53	33.71 1.41 -17.19	28.96 1.13 -15.84	21.09 0.75 -12.09	18.05 0.59 -11.36
WADING RIVER_IC_1 23522	20.54 1.02 -9.31	15.18 0.90 -4.72	17.02 0.92 -6.78	14.37 0.93 -4.03	14.79 0.86 -4.61	19.35 0.96 -8.41	25.21 1.57 -7.63	25.38 1.73 -6.06	25.12 1.79 -6.29	18.89 1.78 0.00	23.93 1.42 -8.45	23.11 1.18 -10.54	24.22 0.93 -14.21	25.01 0.92 -15.22	26.03 0.91 -16.42	26.51 0.89 -17.25	27.58 0.84 -19.12	33.44 0.93 -23.81	36.77 1.14 -25.09	39.09 1.49 -23.49	43.79 1.59 -27.08	31.87 1.20 -18.68	26.63 0.82 -17.56	24.30 0.62 -17.57
WADING RIVER_IC_2 23547	20.54 1.02 -9.31	15.18 0.90 -4.72	17.02 0.92 -6.78	14.37 0.93 -4.03	14.79 0.86 -4.61	19.35 0.96 -8.41	25.21 1.57 -7.63	25.38 1.73 -6.06	25.12 1.79 -6.29	18.89 1.78 0.00	23.93 1.42 -8.45	23.11 1.18 -10.54	24.22 0.93 -14.21	25.01 0.92 -15.22	26.03 0.91 -16.42	26.51 0.89 -17.25	27.58 0.84 -19.12	33.44 0.93 -23.81	36.77 1.14 -25.09	39.09 1.49 -23.49	43.79 1.59 -27.08	31.87 1.20 -18.68	26.63 0.82 -17.56	24.30 0.62 -17.57
WADING RIVER_IC_3 23601	20.54 1.02 -9.31	15.18 0.90 -4.72	17.02 0.92 -6.78	14.37 0.93 -4.03	14.79 0.86 -4.61	19.35 0.96 -8.41	25.21 1.57 -7.63	25.38 1.73 -6.06	25.12 1.79 -6.29	18.89 1.78 0.00	23.93 1.42 -8.45	23.11 1.18 -10.54	24.22 0.93 -14.21	25.01 0.92 -15.22	26.03 0.91 -16.42	26.51 0.89 -17.25	27.58 0.84 -19.12	33.44 0.93 -23.81	36.77 1.14 -25.09	39.09 1.49 -23.49	43.79 1.59 -27.08	31.87 1.20 -18.68	26.63 0.82 -17.56	24.30 0.62 -17.57
WALDENNY_12_KV_BK2 80841	11.24 0.08 -0.95	10.41 0.05 -0.81	10.24 0.13 -0.81	10.20 0.09 -0.69	10.21 0.09 -0.79	10.86 0.02 -0.86	16.75 0.02 -0.82	18.11 -0.08 -0.89	17.22 -0.37 -0.54	16.92 -0.19 0.00	14.41 -0.03 -0.37	12.24 0.03 -0.82	10.33 -0.03 -1.29	10.34 0.04 -1.43	10.35 0.01 -1.64	10.35 -0.06 -2.05	10.73 -0.11 -3.22	12.60 -0.11 -4.01	14.57 -0.19 -4.21	17.05 -0.41 -3.35	17.60 -0.50 -2.98	14.49 -0.24 -2.75	10.25 -0.10 -2.09	8.06 -0.01 -1.97
WALDEN__HYDRO 24148	16.39 0.81 -5.38	14.86 0.72 -4.58	14.56 0.71 -4.55	14.02 0.70 -3.91	14.49 0.69 -4.47	15.58 0.74 -4.86	21.80 1.22 -4.57	23.80 1.28 -4.93	21.39 1.35 -3.01	18.45 1.34 0.00	17.25 1.11 -2.08	16.90 0.93 -4.58	16.95 0.72 -7.16	17.52 0.70 -7.95	18.53 0.70 -9.13	20.42 0.69 -11.37	26.61 0.66 -18.34	32.26 0.74 -22.82	35.46 0.89 -24.03	34.08 1.20 -18.78	32.86 1.19 -16.55	28.22 0.98 -15.25	20.54 0.65 -11.64	17.52 0.48 -10.94
WARRENSBURG____ 23737	17.36 0.20 -6.95	15.68 0.21 -5.92	15.38 0.20 -5.87	14.67 0.21 -5.05	15.31 0.21 -5.77	16.51 0.26 -6.27	22.44 0.53 -5.90	24.52 0.55 -6.38	21.39 0.44 -3.91	17.49 0.38 0.00	17.07 0.31 -2.70	17.55 0.22 -5.94	18.53 0.16 -9.30	19.37 0.18 -10.32	20.73 0.17 -11.86	23.32 0.20 -14.77	30.62 0.18 -22.83	37.34 0.27 -28.37	40.64 0.33 -29.77	38.61 0.46 -24.05	37.22 0.62 -21.48	32.21 0.42 -19.80	23.62 0.26 -15.11	20.46 0.16 -14.20
WATERSIDE____6 8 9 23538	16.69 0.93 -5.55	15.12 0.84 -4.73	14.84 0.84 -4.69	14.27 0.82 -4.04	14.76 0.82 -4.61	15.81 0.83 -5.01	21.98 1.26 -4.71	24.15 1.44 -5.12	21.75 1.58 -3.13	18.77 1.64 -0.02	17.59 1.36 -2.16	18.19 1.13 -5.67	18.58 0.90 -8.61	19.53 0.88 -9.78	19.16 0.87 -9.59	21.06 0.87 -11.83	27.53 0.79 -19.12	33.38 0.88 -23.80	36.63 1.01 -25.08	34.95 1.31 -19.54	33.62 1.32 -17.19	28.87 1.04 -15.84	21.03 0.69 -12.09	18.04 0.57 -11.37
WATKINRD_115KV_LN8_ILLION 55919	10.21 0.00 0.00	9.55 0.00 0.00	9.31 0.00 0.00	9.41 0.00 0.00	9.33 0.00 0.00	9.98 0.00 0.00	16.03 0.02 0.00	17.59 0.00 0.00	17.22 0.02 -0.17	17.31 0.00 -0.20	14.40 -0.01 -0.35	11.67 -0.05 -0.33	9.32 -0.05 -0.30	9.09 -0.08 -0.29	8.92 -0.09 -0.31	8.57 -0.08 -0.29	7.81 -0.07 -0.27	8.93 -0.08 -0.31	10.83 -0.09 -0.38	14.52 -0.10 -0.52	15.57 -0.09 -0.54	12.36 -0.07 -0.44	8.49 -0.05 -0.29	6.26 -0.04 -0.20
WATSON____69_KV_BK 1 55734	20.72 1.20 -9.31	15.36 1.08 -4.72	17.18 1.09 -6.78	14.49 1.04 -4.03	14.96 1.03 -4.61	19.53 1.14 -8.41	25.48 1.84 -7.63	25.67 2.02 -6.06	25.42 2.10 -6.29	19.18 2.07 0.00	24.17 1.66 -8.45	23.30 1.38 -10.54	24.37 1.09 -14.21	25.16 1.07 -15.22	26.17 1.06 -16.42	26.66 1.04 -17.25	27.70 0.96 -19.12	33.59 1.07 -23.82	36.95 1.31 -25.10	39.33 1.72 -23.50	44.44 1.83 -27.49	32.09 1.40 -18.70	26.78 0.97 -17.56	24.41 0.74 -17.57
WDELAWARE__HYD 323627	15.59 0.66 -4.72	14.17 0.59 -4.02	13.88 0.58 -3.99	13.41 0.56 -3.43	13.82 0.57 -3.92	14.85 0.61 -4.26	21.06 1.04 -4.01	23.03 1.11 -4.32	20.84 1.16 -2.64	18.26 1.15 0.00	16.86 0.97 -1.83	16.20 0.80 -4.02	15.76 0.40 -6.28	16.22 0.37 -6.98	17.08 0.37 -8.02	18.72 0.38 -9.98	24.01 0.38 -16.01	29.05 0.43 -19.93	32.28 0.76 -20.98	31.61 1.04 -16.46	30.69 1.04 -14.52	26.23 0.85 -13.39	19.03 0.56 -10.21	16.12 0.42 -9.60
WEST BABYLON__IC 23714	20.68 1.16 -9.31	15.32 1.04 -4.72	17.15 1.05 -6.78	14.46 1.02 -4.03	14.93 1.00 -4.61	19.49 1.10 -8.41	25.42 1.78 -7.63	25.60 1.95 -6.06	25.36 2.03 -6.29	19.11 2.00 0.00	24.14 1.63 -8.45	23.27 1.34 -10.54	24.35 1.06 -14.21	25.14 1.05 -15.22	26.15 1.03 -16.42	26.62 1.01 -17.25	27.66 0.92 -19.12	33.54 1.03 -23.81	36.90 1.27 -25.09	39.26 1.66 -23.49	43.89 1.75 -27.01	32.03 1.35 -18.69	26.75 0.94 -17.56	24.39 0.71 -17.57
WEST CANADA__HYD 24049	10.24 0.03 0.00	9.58 0.03 0.00	9.35 0.04 0.00	9.44 0.03 0.00	9.36 0.03 0.00	10.01 0.03 0.00	16.06 0.05 0.00	17.65 0.05 0.00	17.25 0.05 -0.17	17.36 0.05 -0.20	14.46 0.04 -0.35	11.75 0.03 -0.33	9.39 0.02 -0.30	9.17 0.01 -0.29	9.01 0.01 -0.31	8.66 0.01 -0.29	7.89 0.01 -0.26	9.02 0.01 -0.31	10.95 0.02 -0.38	14.65 0.03 -0.52	15.71 0.05 -0.54	12.45 0.02 -0.44	8.56 0.02 -0.29	6.32 0.01 -0.20
WESTERN_NY_WIND 24143	11.19 0.14 -0.84	10.39 0.12 -0.72	10.21 0.19 -0.71	10.18 0.16 -0.61	10.19 0.17 -0.70	10.85 0.11 -0.76	16.67 -0.10 -0.75	17.97 -0.44 -0.81	17.08 -0.46 -0.50	16.82 -0.29 0.00	14.24 -0.17 -0.34	12.06 -0.08 -0.76	10.14 -0.12 -1.18	10.13 -0.05 -1.31	10.13 -0.08 -1.51	10.13 -0.11 -1.88	10.41 -0.17 -2.96	12.23 -0.16 -3.69	14.18 -0.24 -3.87	16.75 -0.44 -3.08	17.35 -0.51 -2.74	14.26 -0.25 -2.52	10.08 -0.09 -1.92	7.90 -0.01 -1.81

WESTOVER___LESR 323668	12.15 0.21 -1.73	11.21 0.18 -1.47	10.97 0.20 -1.46	10.87 0.20 -1.26	10.96 0.20 -1.44	11.75 0.21 -1.56	17.82 0.34 -1.47	19.44 0.26 -1.59	18.28 0.27 -0.97	17.40 0.29 0.00	15.00 0.27 -0.67	13.07 0.20 -1.48	11.54 0.15 -2.31	11.59 0.15 -2.57	11.79 0.15 -2.95	12.15 0.13 -3.67	13.51 0.11 -5.78	16.03 0.14 -7.19	18.28 0.18 -7.55	20.33 0.21 -6.01	20.69 0.23 -5.34	17.09 0.18 -4.92	12.14 0.13 -3.75	9.75 0.12 -3.53
WETHRSFD_WT_PWR 323626	11.39 0.12 -1.06	10.55 0.10 -0.90	10.36 0.16 -0.90	10.31 0.13 -0.77	10.34 0.13 -0.88	11.02 0.09 -0.96	16.91 -0.03 -0.93	18.30 -0.30 -1.00	17.36 -0.29 -0.61	17.06 -0.05 0.00	14.43 -0.06 -0.42	12.32 0.00 -0.93	10.48 -0.05 -1.46	10.48 -0.01 -1.62	10.51 -0.04 -1.86	10.59 -0.08 -2.32	11.14 -0.13 -3.65	13.11 -0.13 -4.54	15.12 -0.19 -4.77	17.51 -0.39 -3.80	18.01 -0.48 -3.37	14.82 -0.28 -3.11	10.47 -0.15 -2.37	8.27 -0.06 -2.23
WHAVSTOR_138KV_BK127 55557	16.36 0.79 -5.37	14.84 0.71 -4.58	14.55 0.70 -4.54	14.00 0.69 -3.90	14.48 0.69 -4.46	15.56 0.73 -4.85	21.76 1.18 -4.56	23.89 1.32 -4.98	21.49 1.41 -3.04	18.55 1.44 0.00	17.36 1.20 -2.10	17.02 0.99 -4.64	17.11 0.79 -7.25	17.70 0.77 -8.06	18.68 0.77 -9.22	20.60 0.76 -11.48	26.90 0.70 -18.58	32.60 0.77 -23.12	35.80 0.90 -24.36	34.28 1.18 -18.99	33.02 1.19 -16.71	28.35 0.96 -15.40	20.64 0.64 -11.75	17.63 0.49 -11.04
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	16.36 0.79 -5.37	14.84 0.71 -4.58	14.55 0.70 -4.54	14.00 0.69 -3.90	14.48 0.69 -4.46	15.56 0.73 -4.85	21.76 1.18 -4.56	23.89 1.32 -4.98	21.49 1.41 -3.04	18.55 1.44 0.00	17.36 1.20 -2.10	17.02 0.99 -4.64	17.11 0.79 -7.25	17.70 0.77 -8.06	18.68 0.77 -9.22	20.60 0.76 -11.48	26.90 0.70 -18.58	32.60 0.77 -23.12	35.80 0.90 -24.36	34.28 1.18 -18.99	33.02 1.19 -16.71	28.35 0.96 -15.40	20.64 0.64 -11.75	17.63 0.49 -11.04
WHITEHAL_115KV_TB1 80871	17.59 0.45 -6.94	15.89 0.43 -5.91	15.60 0.43 -5.86	14.90 0.44 -5.04	15.54 0.45 -5.76	16.75 0.51 -6.26	22.88 0.98 -5.89	25.02 1.06 -6.37	21.83 0.89 -3.90	18.31 1.20 0.00	17.75 0.98 -2.70	18.07 0.75 -5.94	18.93 0.57 -9.28	19.77 0.59 -10.31	21.10 0.57 -11.84	23.53 0.43 -14.75	30.79 0.39 -22.79	37.56 0.54 -28.32	40.87 0.64 -29.68	38.98 0.90 -23.98	37.68 1.13 -21.42	32.54 0.80 -19.75	23.82 0.50 -15.07	20.60 0.34 -14.16
WHITEPLN_13_KV_LOAD 356215	16.60 0.86 -5.54	15.06 0.79 -4.71	14.77 0.78 -4.68	14.20 0.76 -4.02	14.69 0.76 -4.60	15.80 0.82 -5.00	22.02 1.31 -4.70	24.18 1.48 -5.11	21.71 1.55 -3.12	18.69 1.57 0.00	17.52 1.29 -2.16	17.24 1.08 -4.78	17.39 0.85 -7.46	18.01 0.84 -8.29	19.02 0.84 -9.48	21.00 0.84 -11.80	27.49 0.78 -19.10	33.33 0.86 -23.77	36.59 1.00 -25.05	34.91 1.30 -19.51	33.60 1.32 -17.17	28.87 1.05 -15.82	21.02 0.70 -12.07	17.98 0.54 -11.35
WM_FLOYD_69_KV_BK2 356380	20.64 1.12 -9.31	15.27 0.99 -4.72	17.10 1.01 -6.78	14.43 0.99 -4.03	14.89 0.95 -4.61	19.45 1.06 -8.41	25.35 1.71 -7.63	25.53 1.88 -6.06	25.29 1.96 -6.29	19.03 1.92 0.00	24.06 1.55 -8.45	23.20 1.28 -10.54	24.30 1.02 -14.21	25.09 1.00 -15.22	26.10 0.99 -16.42	26.59 0.98 -17.25	27.65 0.91 -19.12	33.52 1.01 -23.81	36.87 1.24 -25.09	39.22 1.62 -23.49	43.94 1.72 -27.09	31.99 1.32 -18.69	26.71 0.90 -17.56	24.36 0.68 -17.57
WOODARD__115KV_TB2 355635	10.70 -0.08 -0.57	9.96 -0.09 -0.49	9.72 -0.07 -0.48	9.75 -0.08 -0.42	9.74 -0.07 -0.48	10.43 -0.07 -0.52	16.42 -0.08 -0.49	17.98 -0.14 -0.53	17.22 -0.14 -0.32	16.99 -0.12 0.00	14.23 -0.06 -0.22	11.80 -0.07 -0.49	9.79 -0.05 -0.76	9.67 -0.05 -0.85	9.61 -0.06 -0.97	9.50 -0.07 -1.21	9.46 -0.07 -1.91	11.01 -0.07 -2.38	12.97 -0.07 -2.50	15.99 -0.10 -1.99	16.80 -0.09 -1.76	13.52 -0.10 -1.63	9.43 -0.07 -1.24	7.23 -0.04 -1.17
YORK___WARBASSE 23770	16.73 0.97 -5.55	15.15 0.87 -4.73	14.86 0.86 -4.69	14.29 0.84 -4.04	14.78 0.84 -4.61	15.81 0.83 -5.01	21.98 1.26 -4.71	24.17 1.46 -5.12	21.77 1.60 -3.13	18.81 1.68 -0.02	17.62 1.39 -2.16	18.22 1.16 -5.67	18.61 0.93 -8.61	19.56 0.91 -9.78	19.19 0.90 -9.59	21.08 0.89 -11.83	27.58 0.84 -19.12	33.42 0.92 -23.80	36.69 1.06 -25.08	35.02 1.38 -19.54	33.69 1.38 -17.19	28.91 1.08 -15.84	21.05 0.71 -12.09	18.07 0.60 -11.37