

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/28/2023

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	17.37	15.71	15.16	14.34	14.01	13.57	14.26	14.68	14.25	14.30	15.42	16.02	16.65	17.94	19.60	20.80	24.01	29.19	32.38	31.39	29.61	27.08	21.51	19.82
24138	1.25	0.89	0.70	0.73	0.69	0.71	0.68	0.76	1.18	1.12	1.17	1.15	1.25	1.37	1.35	1.43	1.61	2.14	2.14	2.08	1.99	1.79	1.41	1.28
	-0.65	-3.46	-5.31	-4.24	-4.07	-3.45	-4.44	-4.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.39	-1.61	-2.38	-2.62	0.00	0.00
74TH STREET_GT_1	17.41	15.74	15.17	14.35	14.02	13.58	14.26	14.68	14.25	14.30	15.42	16.03	16.66	17.95	19.60	20.80	24.01	29.22	32.41	31.39	29.64	27.11	21.53	19.84
24260	1.28	0.91	0.71	0.74	0.71	0.72	0.69	0.76	1.18	1.12	1.17	1.16	1.26	1.39	1.35	1.43	1.61	2.16	2.17	2.08	2.02	1.81	1.43	1.30
	-0.65	-3.46	-5.31	-4.24	-4.07	-3.45	-4.44	-4.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.39	-1.61	-2.38	-2.62	0.00	0.00
74TH STREET_GT_2	17.41	15.74	15.17	14.35	14.02	13.58	14.26	14.68	14.25	14.30	15.42	16.03	16.66	17.95	19.60	20.80	24.01	29.22	32.41	31.39	29.64	27.11	21.53	19.84
24261	1.28	0.91	0.71	0.74	0.71	0.72	0.69	0.76	1.18	1.12	1.17	1.16	1.26	1.39	1.35	1.43	1.61	2.16	2.17	2.08	2.02	1.81	1.43	1.30
	-0.65	-3.46	-5.31	-4.24	-4.07	-3.45	-4.44	-4.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.39	-1.61	-2.38	-2.62	0.00	0.00
ADK HUDSON__FALLS	17.56	16.80	16.86	15.65	15.32	14.72	15.69	16.08	14.08	14.20	15.25	16.00	16.57	17.71	19.64	20.89	24.42	29.52	37.63	35.13	34.75	32.59	22.06	20.27
24011	1.24	0.88	0.71	0.70	0.72	0.75	0.71	0.71	1.01	1.02	1.00	1.13	1.17	1.14	1.39	1.53	2.02	2.46	2.81	2.74	2.57	2.27	1.95	1.72
	-0.85	-4.56	-7.00	-5.59	-5.36	-4.55	-5.85	-6.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.98	-4.69	-6.93	-7.65	0.00	0.00
ADK RESOURCE__RCVRY	17.66	16.87	16.92	15.71	15.37	14.78	15.75	16.14	14.16	14.29	15.33	16.12	16.69	17.81	19.80	21.07	24.64	29.79	37.96	35.45	35.05	32.86	22.24	20.42
23798	1.33	0.94	0.77	0.76	0.77	0.81	0.77	0.76	1.08	1.11	1.08	1.25	1.29	1.24	1.55	1.70	2.24	2.73	3.12	3.05	2.85	2.52	2.13	1.87
	-0.85	-4.56	-7.01	-5.59	-5.36	-4.55	-5.86	-6.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7.00	-4.70	-6.95	-7.68	0.00	0.00
ADK S GLENS__FALLS	17.56	16.80	16.86	15.65	15.32	14.72	15.69	16.08	14.08	14.20	15.25	16.00	16.57	17.71	19.64	20.89	24.42	29.52	37.63	35.13	34.75	32.59	22.06	20.27
24028	1.24	0.88	0.71	0.70	0.72	0.75	0.71	0.71	1.01	1.02	1.00	1.13	1.17	1.14	1.39	1.53	2.02	2.46	2.81	2.74	2.57	2.27	1.95	1.72
	-0.85	-4.56	-7.00	-5.59	-5.36	-4.55	-5.85	-6.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.98	-4.69	-6.93	-7.65	0.00	0.00
ADK_NYS__DAM	17.24	16.43	16.43	15.32	14.98	14.38	15.34	15.70	13.90	13.95	15.05	15.67	16.23	17.47	19.22	20.41	23.70	28.65	35.17	33.17	32.40	30.28	21.39	19.64
23527	0.94	0.68	0.56	0.58	0.58	0.59	0.58	0.56	0.82	0.76	0.80	0.80	0.83	0.91	0.97	1.04	1.30	1.60	1.67	1.66	1.54	1.41	1.29	1.09
	-0.82	-4.39	-6.73	-5.37	-5.15	-4.37	-5.63	-5.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.66	-3.80	-5.62	-6.21	0.00	0.00
AIR_PRODUCTS__DRP	16.70	16.16	16.23	15.10	14.75	14.15	15.11	15.50	13.48	13.57	14.63	15.26	15.80	16.99	18.71	19.85	22.92	27.73	33.29	31.55	30.62	28.47	20.63	18.97
24190	0.40	0.39	0.31	0.33	0.32	0.34	0.32	0.32	0.41	0.38	0.38	0.39	0.40	0.43	0.46	0.48	0.52	0.68	0.67	0.64	0.63	0.57	0.52	0.43
	-0.82	-4.41	-6.77	-5.41	-5.18	-4.40	-5.66	-5.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.78	-3.21	-4.74	-5.24	0.00	0.00
AKWESSNE_115KV_BK	15.01	11.06	8.89	9.09	8.99	9.12	8.86	9.05	12.71	12.84	13.86	14.47	14.97	16.07	17.79	18.86	21.84	26.38	27.17	27.12	24.56	22.03	19.56	18.03
355683	-0.46	-0.31	-0.26	-0.27	-0.26	-0.29	-0.26	-0.25	-0.37	-0.34	-0.38	-0.40	-0.43	-0.50	-0.46	-0.50	-0.56	-0.68	-0.67	-0.58	-0.68	-0.63	-0.54	-0.52
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY__1	16.70	16.16	16.23	15.10	14.75	14.15	15.11	15.50	13.48	13.57	14.63	15.26	15.80	16.99	18.71	19.85	22.92	27.73	33.29	31.55	30.62	28.47	20.63	18.97
23571	0.40	0.39	0.31	0.33	0.32	0.34	0.32	0.32	0.41	0.38	0.38	0.39	0.40	0.43	0.46	0.48	0.52	0.68	0.67	0.64	0.63	0.57	0.52	0.43
	-0.82	-4.41	-6.77	-5.41	-5.18	-4.40	-5.66	-5.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.78	-3.21	-4.74	-5.24	0.00	0.00
ALBANY__2	16.70	16.16	16.23	15.10	14.75	14.15	15.11	15.50	13.48	13.57	14.63	15.26	15.80	16.99	18.71	19.85	22.92	27.73	33.29	31.55	30.62	28.47	20.63	18.97
23572	0.40	0.39	0.31	0.33	0.32	0.34	0.32	0.32	0.41	0.38	0.38	0.39	0.40	0.43	0.46	0.48	0.52	0.68	0.67	0.64	0.63	0.57	0.52	0.43
	-0.82	-4.41	-6.77	-5.41	-5.18	-4.40	-5.66	-5.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.78	-3.21	-4.74	-5.24	0.00	0.00
ALBANY__3	16.70	16.16	16.23	15.10	14.75	14.15	15.11	15.50	13.48	13.57	14.63	15.26	15.80	16.99	18.71	19.85	22.92	27.73	33.29	31.55	30.62	28.47	20.63	18.97
23573	0.40	0.39	0.31	0.33	0.32	0.34	0.32	0.32	0.41	0.38	0.38	0.39	0.40	0.43	0.46	0.48	0.52	0.68	0.67	0.64	0.63	0.57	0.52	0.43
	-0.82	-4.41	-6.77	-5.41	-5.18	-4.40	-5.66	-5.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.78	-3.21	-4.74	-5.24	0.00	0.00

ALBANY___4 23574	16.70 0.40 -0.82	16.16 0.39 -4.41	16.23 0.31 -6.77	15.10 0.33 -5.41	14.75 0.32 -5.18	14.15 0.34 -4.40	15.11 0.32 -5.66	15.50 0.32 -5.88	13.48 0.41 0.00	13.57 0.38 0.00	14.63 0.38 0.00	15.26 0.39 0.00	15.80 0.40 0.00	16.99 0.43 0.00	18.71 0.46 0.00	19.85 0.48 0.00	22.92 0.52 0.00	27.73 0.68 0.00	33.29 0.67 -4.78	31.55 0.64 -3.21	30.62 0.63 -4.74	28.47 0.57 -5.24	20.63 0.52 0.00	18.97 0.43 0.00
ALBANY___LFGE 323615	16.85 0.54 -0.83	16.28 0.47 -4.45	16.35 0.38 -6.84	15.20 0.38 -5.45	14.86 0.39 -5.23	14.26 0.40 -4.44	15.23 0.38 -5.72	15.62 0.38 -5.94	13.57 0.50 0.00	13.67 0.49 0.00	14.75 0.50 0.00	15.39 0.52 0.00	15.94 0.54 0.00	17.13 0.56 0.00	18.89 0.64 0.00	20.04 0.68 0.00	23.16 0.76 0.00	28.03 0.97 0.00	34.25 1.00 -5.41	32.31 0.97 -3.63	31.52 0.91 -5.37	29.41 0.81 -5.93	20.85 0.74 0.00	19.18 0.63 0.00
ALCOA_PA_115KV_PL-6C 55860	15.06 -0.42 0.00	11.08 -0.28 0.00	8.91 -0.24 0.00	9.11 -0.25 0.00	9.01 -0.24 0.00	9.13 -0.28 0.00	8.88 -0.25 0.00	9.07 -0.22 0.00	12.74 -0.34 0.00	12.87 -0.32 0.00	13.89 -0.36 0.00	14.50 -0.37 0.00	15.00 -0.40 0.00	16.10 -0.46 0.00	17.85 -0.40 0.00	18.92 -0.45 0.00	21.89 -0.52 0.00	26.44 -0.62 0.00	27.28 -0.56 0.00	27.21 -0.50 0.00	24.61 -0.63 0.00	22.10 -0.57 0.00	19.64 -0.46 0.00	18.08 -0.46 0.00
ALCOA_RYNLDS___DRP 24188	15.06 -0.42 0.00	11.08 -0.28 0.00	8.91 -0.24 0.00	9.11 -0.25 0.00	9.01 -0.24 0.00	9.13 -0.28 0.00	8.88 -0.25 0.00	9.07 -0.22 0.00	12.74 -0.34 0.00	12.87 -0.32 0.00	13.89 -0.36 0.00	14.50 -0.37 0.00	15.00 -0.40 0.00	16.10 -0.46 0.00	17.85 -0.40 0.00	18.92 -0.45 0.00	21.89 -0.52 0.00	26.44 -0.62 0.00	27.28 -0.56 0.00	27.21 -0.50 0.00	24.61 -0.63 0.00	22.10 -0.57 0.00	19.64 -0.46 0.00	18.08 -0.46 0.00
ALCOA___DSASP 323711	15.06 -0.42 0.00	11.08 -0.28 0.00	8.91 -0.24 0.00	9.11 -0.25 0.00	9.01 -0.24 0.00	9.13 -0.28 0.00	8.88 -0.25 0.00	9.07 -0.22 0.00	12.73 -0.34 0.00	12.87 -0.32 0.00	13.89 -0.36 0.00	14.50 -0.37 0.00	15.00 -0.40 0.00	16.13 -0.43 0.00	17.85 -0.40 0.00	18.92 -0.44 0.00	21.89 -0.51 0.00	26.44 -0.62 0.00	27.25 -0.59 0.00	27.21 -0.50 0.00	24.61 -0.63 0.00	22.10 -0.57 0.00	19.65 -0.46 0.00	18.08 -0.46 0.00
ALLEGHENY___COGEN 23514	16.27 0.68 -0.12	12.53 0.55 -0.62	10.54 0.45 -0.95	10.60 0.48 -0.76	10.44 0.46 -0.73	10.54 0.51 -0.62	10.36 0.44 -0.80	10.43 0.31 -0.83	13.27 0.20 0.00	13.30 0.12 0.00	14.43 0.18 0.00	15.24 0.37 0.00	15.71 0.31 0.00	16.83 0.26 0.00	18.58 0.33 0.00	19.67 0.31 0.00	22.80 0.40 0.00	27.33 0.27 0.00	28.99 0.72 -0.42	28.88 0.89 -0.29	26.93 1.26 -0.42	24.22 1.09 -0.47	21.09 0.98 0.00	19.68 1.13 0.00
ALTAMONT_115KV_TB 2 55880	16.87 0.57 -0.82	16.23 0.44 -4.42	16.28 0.36 -6.78	15.15 0.37 -5.41	14.80 0.37 -5.19	14.20 0.38 -4.41	15.16 0.37 -5.67	15.55 0.36 -5.89	13.58 0.51 0.00	13.67 0.49 0.00	14.75 0.50 0.00	15.38 0.51 0.00	15.92 0.52 0.00	17.14 0.58 0.00	18.87 0.62 0.00	20.02 0.66 0.00	23.18 0.78 0.00	28.03 0.97 0.00	33.16 1.00 -4.32	31.60 1.00 -2.90	30.46 0.93 -4.29	28.26 0.86 -4.73	20.89 0.78 0.00	19.21 0.67 0.00
ALTONA_WT_PWR 323606	15.06 -0.42 0.00	11.09 -0.27 0.00	8.90 -0.25 0.00	9.10 -0.26 0.00	9.00 -0.25 0.00	9.12 -0.29 0.00	8.89 -0.24 0.00	9.11 -0.19 0.00	12.84 -0.23 0.00	13.00 -0.18 0.00	14.03 -0.21 0.00	14.68 -0.19 0.00	15.17 -0.23 0.00	16.27 -0.30 0.00	17.98 -0.27 0.00	19.03 -0.33 0.00	22.07 -0.34 0.00	26.65 -0.41 0.00	27.56 -0.28 0.00	27.48 -0.22 0.00	24.81 -0.43 0.00	22.22 -0.45 0.00	19.72 -0.38 0.00	18.19 -0.35 0.00
AMERICAN_REF_FUEL 24010	15.15 -0.43 -0.11	11.76 -0.17 -0.57	9.94 -0.07 -0.87	10.01 -0.05 -0.69	9.88 -0.03 -0.66	10.00 0.02 -0.56	9.83 -0.03 -0.73	9.87 -0.19 -0.75	12.71 -0.37 0.00	12.79 -0.40 0.00	13.93 -0.31 0.00	14.65 -0.22 0.00	15.06 -0.34 0.00	16.15 -0.41 0.00	17.74 -0.51 0.00	18.70 -0.66 0.00	21.46 -0.94 0.00	25.41 -1.65 0.00	26.55 -1.67 -0.38	26.16 -1.80 -0.26	24.51 -1.11 -0.38	22.04 -1.04 -0.42	19.66 -0.44 0.00	18.53 -0.02 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	15.70 0.11 -0.12	12.25 0.25 -0.64	10.37 0.25 -0.98	10.45 0.30 -0.78	10.32 0.32 -0.75	10.45 0.40 -0.64	10.31 0.37 -0.82	10.40 0.25 -0.85	13.51 0.43 0.00	13.61 0.42 0.00	14.82 0.57 0.00	15.59 0.71 0.00	16.05 0.65 0.00	17.18 0.61 0.00	18.83 0.58 0.00	19.83 0.46 0.00	22.60 0.20 0.00	26.81 -0.24 0.00	28.08 -0.19 -0.44	27.64 -0.36 -0.29	25.78 0.10 -0.43	23.10 -0.05 -0.48	20.45 0.34 0.00	19.12 0.58 0.00
ARTHUR_KILL_GT_1 23520	17.45 1.33 -0.65	15.75 0.92 -3.46	15.18 0.72 -5.31	14.35 0.74 -4.24	14.01 0.70 -4.07	13.53 0.66 -3.45	14.17 0.60 -4.44	14.55 0.63 -4.62	14.06 0.99 0.01	14.11 0.94 0.01	15.18 0.94 0.01	15.77 0.91 0.01	16.41 1.02 0.01	17.70 1.14 0.01	19.30 1.06 0.01	20.50 1.14 0.01	23.65 1.25 0.01	28.98 1.92 0.00	32.09 1.87 -2.39	31.08 1.77 -1.60	29.30 1.69 -2.37	26.99 1.70 -2.62	21.41 1.31 0.00	19.88 1.34 0.00
ARTHUR_KILL_2 23512	17.40 1.28 -0.65	15.72 0.90 -3.46	15.16 0.70 -5.31	14.33 0.72 -4.24	14.00 0.68 -4.07	13.50 0.63 -3.45	14.16 0.58 -4.44	14.53 0.61 -4.62	14.03 0.97 0.01	14.08 0.91 0.01	15.15 0.91 0.01	15.74 0.88 0.01	16.38 0.99 0.01	17.65 1.09 0.01	19.26 1.02 0.01	20.44 1.08 0.01	23.58 1.19 0.01	28.90 1.84 0.00	32.01 1.78 -2.39	30.97 1.66 -1.60	29.23 1.62 -2.37	26.93 1.63 -2.62	21.35 1.25 0.00	19.82 1.28 0.00
ARTHUR_KILL_3 23513	17.31 1.19 -0.65	15.68 0.85 -3.46	15.11 0.65 -5.31	14.30 0.69 -4.24	13.96 0.65 -4.07	13.53 0.66 -3.45	14.21 0.64 -4.44	14.64 0.73 -4.62	14.20 1.12 0.00	14.25 1.07 0.00	15.36 1.11 0.00	15.91 1.04 0.00	16.52 1.12 0.00	17.81 1.24 0.00	19.45 1.20 0.00	20.64 1.28 0.00	23.79 1.39 0.00	28.92 1.87 0.00	32.07 1.84 -2.39	31.09 1.77 -1.61	29.36 1.74 -2.38	26.86 1.56 -2.62	21.35 1.25 0.00	19.66 1.11 0.00
ARTHUR_KILL_COGEN 323718	17.45 1.33 -0.65	15.75 0.92 -3.46	15.18 0.72 -5.31	14.35 0.74 -4.24	14.01 0.70 -4.07	13.53 0.66 -3.45	14.17 0.60 -4.44	14.55 0.63 -4.62	14.06 0.99 0.01	14.11 0.94 0.01	15.18 0.94 0.01	15.77 0.91 0.01	16.41 1.02 0.01	17.70 1.14 0.01	19.30 1.06 0.01	20.50 1.14 0.01	23.65 1.25 0.01	28.98 1.92 0.00	32.09 1.87 -2.39	31.08 1.77 -1.60	29.30 1.69 -2.37	26.99 1.70 -2.62	21.41 1.31 0.00	19.88 1.34 0.00
ASHOKAN____ 23654	16.46 0.26 -0.72	15.42 0.17 -3.88	15.26 0.16 -5.96	14.26 0.14 -4.75	13.95 0.15 -4.56	13.48 0.20 -3.87	14.30 0.19 -4.98	14.66 0.19 -5.17	13.62 0.55 0.00	13.70 0.51 0.00	14.66 0.41 0.00	15.26 0.39 0.00	15.82 0.42 0.00	16.94 0.38 0.00	18.69 0.44 0.00	19.85 0.48 0.00	23.10 0.70 0.00	28.14 1.08 0.00	31.97 0.70 -3.43	30.70 0.69 -2.30	29.33 0.68 -3.41	27.04 0.61 -3.76	21.05 0.95 0.00	19.32 0.78 0.00

ASTORIA_EAST_ENERGY_CC1 323581	17.45 1.33 -0.65	15.85 1.02 -3.46	15.27 0.81 -5.31	14.43 0.82 -4.24	14.10 0.79 -4.07	13.57 0.71 -3.45	14.15 0.58 -4.44	14.44 0.53 -4.62	13.83 0.76 0.01	13.87 0.70 0.01	15.27 1.03 0.01	15.86 1.00 0.01	16.50 1.11 0.01	17.75 1.19 0.01	19.36 1.11 0.01	20.54 1.18 0.01	23.69 1.30 0.01	28.86 1.81 0.01	32.04 1.81 -2.39	31.05 1.75 -1.60	29.28 1.67 -2.37	26.76 1.47 -2.62	21.29 1.19 0.00	19.86 1.32 0.00
ASTORIA_EAST_ENERGY_CC2 323582	17.45 1.33 -0.65	15.85 1.02 -3.46	15.27 0.81 -5.31	14.43 0.82 -4.24	14.10 0.79 -4.07	13.57 0.71 -3.45	14.14 0.57 -4.44	14.44 0.53 -4.62	13.83 0.76 0.01	13.87 0.70 0.01	15.27 1.03 0.01	15.86 1.00 0.01	16.49 1.09 0.01	17.75 1.19 0.01	19.36 1.11 0.01	20.54 1.18 0.01	23.69 1.30 0.01	28.86 1.81 0.01	32.04 1.81 -2.39	31.05 1.75 -1.60	29.28 1.67 -2.37	26.76 1.47 -2.62	21.29 1.19 0.00	19.86 1.32 0.00
ASTORIA_GT2_1 24094	17.47 1.35 -0.65	15.86 1.03 -3.46	15.27 0.81 -5.31	14.43 0.82 -4.24	14.10 0.79 -4.07	13.57 0.71 -3.45	14.15 0.57 -4.44	14.45 0.54 -4.62	13.83 0.76 0.00	13.88 0.70 0.00	15.27 1.03 0.00	15.87 1.00 0.00	16.51 1.11 0.00	17.79 1.23 0.00	19.38 1.13 0.00	20.54 1.18 0.00	23.72 1.32 0.00	28.90 1.84 0.00	32.07 1.84 -2.39	31.06 1.75 -1.61	29.31 1.69 -2.38	26.79 1.50 -2.62	21.29 1.19 0.00	19.88 1.34 0.00
ASTORIA_GT2_2 24095	17.47 1.35 -0.65	15.86 1.03 -3.46	15.27 0.81 -5.31	14.43 0.82 -4.24	14.10 0.79 -4.07	13.57 0.71 -3.45	14.15 0.57 -4.44	14.45 0.54 -4.62	13.83 0.76 0.00	13.88 0.70 0.00	15.27 1.03 0.00	15.87 1.00 0.00	16.51 1.11 0.00	17.79 1.23 0.00	19.38 1.13 0.00	20.54 1.18 0.00	23.72 1.32 0.00	28.90 1.84 0.00	32.07 1.84 -2.39	31.06 1.75 -1.61	29.31 1.69 -2.38	26.79 1.50 -2.62	21.29 1.19 0.00	19.88 1.34 0.00
ASTORIA_GT2_3 24096	17.47 1.35 -0.65	15.86 1.03 -3.46	15.27 0.81 -5.31	14.43 0.82 -4.24	14.10 0.79 -4.07	13.57 0.71 -3.45	14.15 0.57 -4.44	14.45 0.54 -4.62	13.83 0.76 0.00	13.88 0.70 0.00	15.27 1.03 0.00	15.87 1.00 0.00	16.51 1.11 0.00	17.79 1.23 0.00	19.38 1.13 0.00	20.54 1.18 0.00	23.72 1.32 0.00	28.90 1.84 0.00	32.07 1.84 -2.39	31.06 1.75 -1.61	29.31 1.69 -2.38	26.79 1.50 -2.62	21.29 1.19 0.00	19.88 1.34 0.00
ASTORIA_GT2_4 24097	17.47 1.35 -0.65	15.86 1.03 -3.46	15.27 0.81 -5.31	14.43 0.82 -4.24	14.10 0.79 -4.07	13.57 0.71 -3.45	14.15 0.57 -4.44	14.45 0.54 -4.62	13.83 0.76 0.00	13.88 0.70 0.00	15.27 1.03 0.00	15.87 1.00 0.00	16.51 1.11 0.00	17.79 1.23 0.00	19.38 1.13 0.00	20.54 1.18 0.00	23.72 1.32 0.00	28.90 1.84 0.00	32.07 1.84 -2.39	31.06 1.75 -1.61	29.31 1.69 -2.38	26.79 1.50 -2.62	21.29 1.19 0.00	19.88 1.34 0.00
ASTORIA_GT3_1 24098	17.47 1.35 -0.65	15.86 1.03 -3.46	15.27 0.81 -5.31	14.43 0.82 -4.24	14.10 0.79 -4.07	13.57 0.71 -3.45	14.15 0.57 -4.44	14.45 0.54 -4.62	13.83 0.76 0.00	13.88 0.70 0.00	15.27 1.03 0.00	15.87 1.00 0.00	16.51 1.11 0.00	17.79 1.23 0.00	19.38 1.13 0.00	20.54 1.18 0.00	23.72 1.32 0.00	28.90 1.84 0.00	32.07 1.84 -2.39	31.06 1.75 -1.61	29.31 1.69 -2.38	26.79 1.50 -2.62	21.29 1.19 0.00	19.88 1.34 0.00
ASTORIA_GT3_2 24099	17.47 1.35 -0.65	15.86 1.03 -3.46	15.27 0.81 -5.31	14.43 0.82 -4.24	14.10 0.79 -4.07	13.57 0.71 -3.4																		

ATHENS_STG_3 23677	16.88 0.65 -0.75	15.88 0.48 -4.04	15.72 0.38 -6.20	14.70 0.39 -4.94	14.38 0.39 -4.74	13.84 0.40 -4.03	14.69 0.38 -5.18	15.07 0.39 -5.38	13.65 0.57 0.00	13.74 0.55 0.00	14.82 0.57 0.00	15.45 0.58 0.00	16.02 0.62 0.00	17.23 0.66 0.00	18.93 0.68 0.00	20.10 0.74 0.00	23.25 0.85 0.00	28.14 1.08 0.00	31.44 1.08 -2.51	30.45 1.05 -1.69	28.75 1.01 -2.50	26.38 0.95 -2.76	20.91 0.81 0.00	19.25 0.70 0.00
AUBURN___LFGE 323710	15.76 0.20 -0.09	11.97 0.15 -0.46	9.97 0.12 -0.71	10.03 0.10 -0.56	9.89 0.10 -0.54	10.01 0.13 -0.46	9.84 0.12 -0.59	10.01 0.10 -0.61	13.23 0.16 0.00	13.37 0.18 0.00	14.49 0.24 0.00	15.27 0.40 0.00	15.80 0.40 0.00	16.98 0.41 0.00	18.71 0.46 0.00	19.87 0.50 0.00	22.96 0.56 0.00	27.63 0.57 0.00	28.78 0.64 -0.30	28.52 0.61 -0.20	26.15 0.61 -0.30	23.52 0.52 -0.33	20.45 0.34 0.00	18.92 0.37 0.00
BABYLON_RES_REC 323704	17.68 1.55 -0.65	15.90 1.07 -3.46	15.33 0.87 -5.32	14.50 0.89 -4.24	14.12 0.80 -4.07	13.61 0.74 -3.45	14.37 0.79 -4.45	14.77 0.85 -4.62	14.17 1.10 0.00	14.24 1.06 0.00	15.47 1.23 0.00	16.25 1.37 -0.01	16.90 1.49 -0.01	18.18 1.61 -0.01	19.88 1.62 -0.01	21.15 1.78 -0.01	24.46 2.04 -0.02	29.64 2.57 -0.01	32.89 2.65 -2.40	31.87 2.55 -1.62	30.13 2.50 -2.39	27.55 2.24 -2.63	21.98 1.87 -0.01	20.20 1.65 -0.01
BABYLON__69_KV_BK2 356345	17.79 1.67 -0.65	15.99 1.16 -3.46	15.41 0.95 -5.32	14.57 0.96 -4.24	14.19 0.88 -4.07	13.68 0.81 -3.45	14.44 0.87 -4.45	14.84 0.93 -4.62	14.25 1.18 0.00	14.32 1.13 0.00	15.57 1.33 0.00	16.34 1.47 0.00	17.02 1.62 0.00	18.33 1.77 0.00	20.02 1.77 0.00	21.30 1.94 0.00	24.73 2.31 -0.03	29.84 2.79 0.00	33.07 2.84 -2.39	32.08 2.77 -1.61	30.37 2.75 -2.38	27.74 2.45 -2.63	22.20 2.09 0.00	20.36 1.82 0.00
BARON_WINDS___WT_PWR 323822	15.84 0.22 -0.15	12.39 0.24 -0.79	10.57 0.21 -1.21	10.57 0.23 -0.97	10.41 0.24 -0.93	10.49 0.28 -0.79	10.39 0.25 -1.02	10.52 0.17 -1.06	13.34 0.26 0.00	13.45 0.26 0.00	14.60 0.36 0.00	15.30 0.43 0.00	15.79 0.39 0.00	16.94 0.38 0.00	18.62 0.36 0.00	19.69 0.33 0.00	22.69 0.29 0.00	27.11 0.05 0.00	28.54 0.14 -0.56	28.11 0.03 -0.37	26.15 0.35 -0.55	23.55 0.27 -0.61	20.59 0.48 0.00	19.23 0.69 0.00
BARRETT_IC_1 23704	17.65 1.52 -0.65	15.87 1.04 -3.46	15.31 0.85 -5.32	14.48 0.87 -4.24	14.12 0.80 -4.07	13.63 0.76 -3.45	14.36 0.78 -4.45	14.77 0.85 -4.62	14.23 1.15 0.00	14.30 1.12 0.00	15.54 1.30 0.00	16.23 1.35 -0.01	16.87 1.46 -0.01	18.16 1.59 -0.01	19.86 1.61 -0.01	21.06 1.68 -0.02	24.27 1.84 -0.03	29.50 2.44 -0.01	32.64 2.39 -2.40	31.65 2.33 -1.62	29.93 2.30 -2.39	27.39 2.08 -2.64	21.94 1.83 -0.01	20.19 1.63 -0.01
BARRETT_IC_10 23701	17.65 1.52 -0.65	15.87 1.04 -3.46	15.31 0.85 -5.32	14.48 0.87 -4.24	14.12 0.80 -4.07	13.63 0.76 -3.45	14.36 0.78 -4.45	14.77 0.85 -4.62	14.23 1.15 0.00	14.30 1.12 0.00	15.54 1.30 0.00	16.23 1.35 -0.01	16.87 1.46 -0.01	18.16 1.59 -0.01	19.86 1.61 -0.01	21.06 1.68 -0.02	24.27 1.84 -0.03	29.50 2.44 -0.01	32.64 2.39 -2.40	31.65 2.33 -1.62	29.93 2.30 -2.39	27.39 2.08 -2.64	21.94 1.83 -0.01	20.19 1.63 -0.01
BARRETT_IC_11 23702	17.65 1.52 -0.65	15.87 1.04 -3.46	15.31 0.85 -5.32	14.48 0.87 -4.24	14.12 0.80 -4.07	13.63 0.76 -3.45	14.36 0.78 -4.45	14.77 0.85 -4.62	14.23 1.15 0.00	14.30 1.12 0.00	15.54 1.30 0.00	16.23 1.35 -0.01	16.87 1.46 -0.01	18.16 1.59 -0.01	19.86 1.61 -0.01	21.06 1.68 -0.02	24.27 1.84 -0.03	29.50 2.44 -0.01	32.64 2.39 -2.40	31.65 2.33 -1.62	29.93 2.30 -2.39	27.39 2.08 -2.64	21.94 1.83 -0.01	20.19 1.63 -0.01
BARRETT_IC_12 23703	17.65 1.52 -0.65	15.87 1.04 -3.46	15.31 0.85 -5.32	14.48 0.87 -4.24	14.12 0.80 -4.07	13.63 0.76 -3.45	14.36 0.78 -4.45	14.77 0.85 -4.62	14.23 1.15 0.00	14.30 1.12 0.00	15.54 1.30 0.00	16.23 1.35 -0.01	16.87 1.46 -0.01	18.16 1.59 -0.01	19.86 1.61 -0.01	21.06 1.68 -0.02	24.27 1.84 -0.03	29.50 2.44 -0.01	32.64 2.39 -2.40	31.65 2.33 -1.62	29.93 2.30 -2.39	27.39 2.08 -2.64	21.94 1.83 -0.01	20.19 1.63 -0.01
BARRETT_IC_2 23705	17.65 1.52 -0.65	15.87 1.04 -3.46	15.31 0.85 -5.32	14.48 0.87 -4.24	14.12 0.80 -4.07	13.63 0.76 -3.45	14.36 0.78 -4.45	14.77 0.85 -4.62	14.23 1.15 0.00	14.30 1.12 0.00	15.54 1.30 0.00	16.23 1.35 -0.01	16.87 1.46 -0.01	18.16 1.59 -0.01	19.86 1.61 -0.01	21.06 1.68 -0.02	24.27 1.84 -0.03	29.50 2.44 -0.01	32.64 2.39 -2.40	31.65 2.33 -1.62	29.93 2.30 -2.39	27.39 2.08 -2.64	21.94 1.83 -0.01	20.19 1.63 -0.01
BARRETT_IC_3 23706	17.65 1.52 -0.65	15.87 1.04 -3.46	15.31 0.85 -5.32	14.48 0.87 -4.24	14.12 0.80 -4.07	13.63 0.76 -3.45	14.36 0.78 -4.45	14.77 0.85 -4.62	14.23 1.15 0.00	14.30 1.12 0.00	15.54 1.30 0.00	16.23 1.35 -0.01	16.87 1.46 -0.01	18.16 1.59 -0.01	19.86 1.61 -0.01	21.06 1.68 -0.02	24.27 1.84 -0.03	29.50 2.44 -0.01	32.64 2.39 -2.40	31.65 2.33 -1.62	29.93 2.30 -2.39	27.39 2.08 -2.64	21.94 1.83 -0.01	20.19 1.63 -0.01
BARRETT_IC_4 23707	17.65 1.52 -0.65	15.87 1.04 -3.46	15.31 0.85 -5.32	14.48 0.87 -4.24	14.12 0.80 -4.07	13.63 0.76 -3.45	14.36 0.78 -4.45	14.77 0.85 -4.62	14.23 1.15 0.00	14.30 1.12 0.00	15.54 1.30 0.00	16.23 1.35 -0.01	16.87 1.46 -0.01	18.16 1.59 -0.01	19.86 1.61 -0.01	21.06 1.68 -0.02	24.27 1.84 -0.03	29.50 2.44 -0.01	32.64 2.39 -2.40	31.65 2.33 -1.62	29.93 2.30 -2.39	27.39 2.08 -2.64	21.94 1.83 -0.01	20.19 1.63 -0.01
BARRETT_IC_5 23708	17.65 1.52 -0.65	15.87 1.04 -3.46	15.31 0.85 -5.32	14.48 0.87 -4.24	14.12 0.80 -4.07	13.63 0.76 -3.45	14.36 0.78 -4.45	14.77 0.85 -4.62	14.23 1.15 0.00	14.30 1.12 0.00	15.54 1.30 0.00	16.23 1.35 -0.01	16.87 1.46 -0.01	18.16 1.59 -0.01	19.86 1.61 -0.01	21.06 1.68 -0.02	24.27 1.84 -0.03	29.50 2.44 -0.01	32.64 2.39 -2.40	31.65 2.33 -1.62	29.93 2.30 -2.39	27.39 2.08 -2.64	21.94 1.83 -0.01	20.19 1.63 -0.01
BARRETT_IC_6 23709	17.65 1.52 -0.65	15.87 1.04 -3.46	15.31 0.85 -5.32	14.48 0.87 -4.24	14.12 0.80 -4.07	13.63 0.76 -3.45	14.36 0.78 -4.45	14.77 0.85 -4.62	14.23 1.15 0.00	14.30 1.12 0.00	15.54 1.30 0.00	16.23 1.35 -0.01	16.87 1.46 -0.01	18.16 1.59 -0.01	19.86 1.61 -0.01	21.06 1.68 -0.02	24.27 1.84 -0.03	29.50 2.44 -0.01	32.64 2.39 -2.40	31.65 2.33 -1.62	29.93 2.30 -2.39	27.39 2.08 -2.64	21.94 1.83 -0.01	20.19 1.63 -0.01
BARRETT_IC_7 23710	17.64 1.52 -0.65	15.87 1.05 -3.46	15.31 0.85 -5.32	14.47 0.86 -4.24	14.12 0.80 -4.07	13.63 0.76 -3.45	14.36 0.78 -4.45	14.77 0.86 -4.62	14.23 1.15 0.00	14.30 1.12 0.00	15.54 1.30 0.00	16.22 1.35 0.00	16.86 1.46 0.00	18.17 1.61 0.00	19.86 1.61 0.00	21.05 1.68 0.00	24.33 1.90 -0.02	29.49 2.44 0.00	32.63 2.39 -2.39	31.64 2.33 -1.61	29.92 2.30 -2.38	27.38 2.09 -2.63	21.94 1.83 0.00	20.18 1.63 0.00

BARRETT_IC_8 23711	17.65 1.52 -0.65	15.87 1.04 -3.46	15.31 0.85 -5.32	14.48 0.87 -4.24	14.12 0.80 -4.07	13.63 0.76 -3.45	14.36 0.78 -4.45	14.77 0.85 -4.62	14.23 1.15 0.00	14.30 1.12 0.00	15.54 1.30 0.00	16.23 1.35 -0.01	16.87 1.46 -0.01	18.16 1.59 -0.01	19.86 1.61 -0.01	21.06 1.68 -0.02	24.27 1.84 -0.03	29.50 2.44 -0.01	32.64 2.39 -2.40	31.65 2.33 -1.62	29.93 2.30 -2.39	27.39 2.08 -2.64	21.94 1.83 -0.01	20.19 1.63 -0.01
BARRETT_IC_9 23700	17.65 1.52 -0.65	15.87 1.04 -3.46	15.31 0.85 -5.32	14.48 0.87 -4.24	14.12 0.80 -4.07	13.63 0.76 -3.45	14.36 0.78 -4.45	14.77 0.85 -4.62	14.23 1.15 0.00	14.30 1.12 0.00	15.54 1.30 0.00	16.23 1.35 -0.01	16.87 1.46 -0.01	18.16 1.59 -0.01	19.86 1.61 -0.01	21.06 1.68 -0.02	24.27 1.84 -0.03	29.50 2.44 -0.01	32.64 2.39 -2.40	31.65 2.33 -1.62	29.93 2.30 -2.39	27.39 2.08 -2.64	21.94 1.83 -0.01	20.19 1.63 -0.01
BARRETT___1 23545	17.65 1.52 -0.65	15.87 1.04 -3.46	15.31 0.85 -5.32	14.48 0.87 -4.24	14.12 0.80 -4.07	13.63 0.76 -3.45	14.36 0.78 -4.45	14.77 0.85 -4.62	14.23 1.15 0.00	14.30 1.12 0.00	15.54 1.30 0.00	16.23 1.35 -0.01	16.87 1.46 -0.01	18.16 1.59 -0.01	19.86 1.61 -0.01	21.06 1.68 -0.02	24.27 1.84 -0.03	29.50 2.44 -0.01	32.64 2.39 -2.40	31.65 2.33 -1.62	29.93 2.30 -2.39	27.39 2.08 -2.64	21.94 1.83 -0.01	20.19 1.63 -0.01
BARRETT___2 23546	17.65 1.52 -0.65	15.87 1.04 -3.46	15.31 0.85 -5.32	14.48 0.87 -4.24	14.12 0.80 -4.07	13.63 0.76 -3.45	14.36 0.78 -4.45	14.77 0.85 -4.62	14.23 1.15 0.00	14.30 1.12 0.00	15.54 1.30 0.00	16.23 1.35 -0.01	16.87 1.46 -0.01	18.16 1.59 -0.01	19.86 1.61 -0.01	21.06 1.68 -0.02	24.27 1.84 -0.03	29.50 2.44 -0.01	32.64 2.39 -2.40	31.65 2.33 -1.62	29.93 2.30 -2.39	27.39 2.08 -2.64	21.94 1.83 -0.01	20.19 1.63 -0.01
BATAVIA___115KV_TB1 55881	15.55 -0.03 -0.10	12.04 0.13 -0.55	10.14 0.16 -0.84	10.23 0.19 -0.67	10.08 0.19 -0.64	10.20 0.24 -0.55	10.00 0.17 -0.70	10.06 0.03 -0.73	13.01 -0.07 0.00	13.05 -0.13 0.00	14.22 -0.03 0.00	14.96 0.09 0.00	15.40 0.00 0.00	16.48 -0.08 0.00	18.14 -0.11 0.00	19.13 -0.23 0.00	22.00 -0.40 0.00	26.06 -1.00 0.00	27.37 -0.84 -0.37	26.98 -0.97 -0.25	25.31 -0.30 -0.37	22.73 -0.34 -0.40	20.23 0.12 0.00	19.01 0.46 0.00
BAYONEEC___CTG1 323682	17.33 1.21 -0.65	15.69 0.86 -3.46	15.13 0.68 -5.31	14.32 0.71 -4.24	13.99 0.67 -4.07	13.55 0.68 -3.45	14.23 0.66 -4.44	14.65 0.73 -4.62	14.21 1.14 0.00	14.26 1.08 0.00	15.37 1.13 0.00	15.96 1.09 0.00	16.57 1.17 0.00	17.86 1.29 0.00	19.51 1.26 0.00	20.70 1.34 0.00	23.88 1.48 0.00	29.03 1.97 0.00	32.21 1.98 -2.39	31.22 1.91 -1.61	29.46 1.84 -2.38	26.97 1.68 -2.62	21.43 1.33 0.00	19.73 1.19 0.00
BAYONEEC___CTG10 323750	17.33 1.21 -0.65	15.69 0.86 -3.46	15.13 0.68 -5.31	14.32 0.71 -4.24	13.99 0.67 -4.07	13.55 0.68 -3.45	14.23 0.66 -4.44	14.65 0.73 -4.62	14.21 1.14 0.00	14.26 1.08 0.00	15.37 1.13 0.00	15.96 1.09 0.00	16.57 1.17 0.00	17.86 1.29 0.00	19.51 1.26 0.00	20.70 1.34 0.00	23.88 1.48 0.00	29.03 1.97 0.00	32.21 1.98 -2.39	31.22 1.91 -1.61	29.46 1.84 -2.38	26.97 1.68 -2.62	21.43 1.33 0.00	19.73 1.19 0.00
BAYONEEC___CTG2 323683	17.33 1.21 -0.65	15.69 0.86 -3.46	15.13 0.68 -5.31	14.32 0.71																				

BEACON___LESR 323632	16.93 0.63 -0.82	16.29 0.52 -4.41	16.33 0.42 -6.76	15.20 0.44 -5.40	14.87 0.44 -5.18	14.27 0.46 -4.40	15.21 0.43 -5.66	15.60 0.43 -5.88	13.65 0.57 0.00	13.75 0.57 0.00	14.85 0.60 0.00	15.48 0.61 0.00	16.05 0.65 0.00	17.24 0.68 0.00	19.03 0.78 0.00	20.19 0.83 0.00	23.34 0.94 0.00	28.25 1.19 0.00	33.89 1.22 -4.83	32.14 1.19 -3.24	31.15 1.11 -4.79	28.98 1.02 -5.29	21.03 0.93 0.00	19.32 0.78 0.00
BEAVER RIVER___HYD 24048	15.55 0.05 -0.03	11.45 -0.06 -0.14	9.31 -0.05 -0.22	9.48 -0.06 -0.17	9.36 -0.06 -0.17	9.49 -0.07 -0.14	9.24 -0.06 -0.18	9.45 -0.04 -0.19	12.96 -0.12 0.00	13.10 -0.08 0.00	14.13 -0.11 0.00	14.74 -0.13 0.00	15.23 -0.17 0.00	16.40 -0.17 0.00	18.01 -0.24 0.00	19.15 -0.21 0.00	22.22 -0.18 0.00	27.00 -0.05 0.00	28.01 0.17 0.00	28.04 0.33 0.00	25.42 0.18 0.00	22.81 0.14 0.00	20.25 0.14 0.00	18.64 0.09 0.00
BEEBEE_GT_13 23619	15.65 0.09 -0.08	11.94 0.14 -0.44	9.96 0.14 -0.68	10.07 0.16 -0.54	9.91 0.15 -0.52	10.04 0.18 -0.44	9.83 0.14 -0.57	9.96 0.07 -0.59	13.06 -0.01 0.00	13.16 -0.03 0.00	14.32 0.07 0.00	15.05 0.18 0.00	15.51 0.11 0.00	16.66 0.10 0.00	18.38 0.13 0.00	19.44 0.08 0.00	22.38 -0.02 0.00	26.68 -0.38 0.00	27.82 -0.31 -0.29	27.48 -0.42 -0.19	25.50 -0.03 -0.28	22.96 -0.02 -0.31	20.23 0.12 0.00	18.84 0.30 0.00
BENSHRST_27_KV_BENSHRST_1 355998	17.45 1.33 -0.65	15.75 0.92 -3.46	15.19 0.73 -5.31	14.35 0.74 -4.24	14.02 0.71 -4.07	13.56 0.70 -3.45	14.25 0.68 -4.44	14.65 0.73 -4.62	14.24 1.16 0.00	14.29 1.11 0.00	15.36 1.11 0.00	15.96 1.09 0.00	16.62 1.22 0.00	17.92 1.36 0.00	19.53 1.28 0.00	20.72 1.36 0.00	23.92 1.52 0.00	29.22 2.16 0.00	32.41 2.17 -2.39	31.39 2.08 -1.61	29.59 1.97 -2.38	27.11 1.81 -2.62	21.51 1.41 0.00	19.92 1.37 0.00
BETHLEHEM___GRP 23843	16.70 0.40 -0.82	16.16 0.39 -4.41	16.23 0.31 -6.77	15.10 0.33 -5.41	14.75 0.32 -5.18	14.15 0.34 -4.40	15.11 0.32 -5.66	15.50 0.32 -5.88	13.48 0.41 0.00	13.57 0.38 0.00	14.63 0.38 0.00	15.26 0.39 0.00	15.80 0.40 0.00	16.99 0.43 0.00	18.71 0.46 0.00	19.85 0.48 0.00	22.92 0.52 0.00	27.73 0.68 0.00	33.29 0.67 -4.78	31.55 0.64 -3.21	30.62 0.63 -4.74	28.47 0.57 -5.24	20.63 0.52 0.00	18.97 0.43 0.00
BETHLEHEM___GS1 323560	16.70 0.40 -0.82	16.16 0.39 -4.41	16.23 0.31 -6.77	15.09 0.32 -5.41	14.75 0.32 -5.18	14.15 0.34 -4.40	15.11 0.32 -5.66	15.50 0.32 -5.88	13.48 0.41 0.00	13.57 0.38 0.00	14.63 0.38 0.00	15.26 0.39 0.00	15.80 0.40 0.00	16.98 0.41 0.00	18.71 0.46 0.00	19.83 0.46 0.00	22.92 0.52 0.00	27.73 0.68 0.00	33.28 0.67 -4.78	31.55 0.64 -3.21	30.62 0.63 -4.74	28.47 0.57 -5.24	20.63 0.52 0.00	18.97 0.43 0.00
BETHLEHEM___GS2 323561	16.70 0.40 -0.82	16.16 0.39 -4.41	16.23 0.31 -6.77	15.09 0.32 -5.41	14.75 0.32 -5.18	14.15 0.34 -4.40	15.11 0.32 -5.66	15.50 0.32 -5.88	13.48 0.41 0.00	13.57 0.38 0.00	14.63 0.38 0.00	15.26 0.39 0.00	15.80 0.40 0.00	16.98 0.41 0.00	18.71 0.46 0.00	19.83 0.46 0.00	22.92 0.52 0.00	27.73 0.68 0.00	33.28 0.67 -4.78	31.55 0.64 -3.21	30.62 0.63 -4.74	28.47 0.57 -5.24	20.63 0.52 0.00	18.97 0.43 0.00
BETHLEHEM___GS3 323562	16.70 0.40 -0.82	16.16 0.39 -4.41	16.23 0.31 -6.77	15.09 0.32 -5.41	14.75 0.32 -5.18	14.15 0.34 -4.40	15.11 0.32 -5.66	15.50 0.32 -5.88	13.48 0.41 0.00	13.57 0.38 0.00	14.63 0.38 0.00	15.26 0.39 0.00	15.80 0.40 0.00	16.98 0.41 0.00	18.71 0.46 0.00	19.83 0.46 0.00	22.92 0.52 0.00	27.73 0.68 0.00	33.28 0.67 -4.78	31.55 0.64 -3.21	30.62 0.63 -4.74	28.47 0.57 -5.24	20.63 0.52 0.00	18.97 0.43 0.00
BETHLEHEM___STEEL 23779	15.50 -0.09 -0.11	12.06 0.09 -0.61	10.20 0.13 -0.93	10.27 0.16 -0.74	10.12 0.17 -0.71	10.24 0.22 -0.61	10.08 0.17 -0.78	10.14 0.04 -0.81	13.15 0.08 0.00	13.24 0.05 0.00	14.42 0.17 0.00	15.15 0.28 0.00	15.60 0.20 0.00	16.73 0.17 0.00	18.36 0.11 0.00	19.36 0.00 0.00	22.22 -0.18 0.00	26.33 -0.73 0.00	27.59 -0.67 -0.41	27.18 -0.80 -0.28	25.40 -0.25 -0.41	22.83 -0.29 -0.45	20.33 0.22 0.00	19.06 0.52 0.00
BETHLHEM_115KV_TB1 79974	16.75 0.45 -0.82	16.17 0.40 -4.41	16.23 0.32 -6.77	15.11 0.34 -5.40	14.76 0.33 -5.18	14.16 0.35 -4.40	15.12 0.33 -5.66	15.50 0.33 -5.88	13.49 0.42 0.00	13.59 0.41 0.00	14.65 0.40 0.00	15.29 0.42 0.00	15.83 0.43 0.00	17.03 0.46 0.00	18.74 0.49 0.00	19.89 0.52 0.00	22.96 0.56 0.00	27.79 0.73 0.00	33.26 0.75 -4.66	31.56 0.72 -3.13	30.56 0.68 -4.63	28.42 0.63 -5.11	20.69 0.58 0.00	19.01 0.46 0.00
BETHPAGE_CC_5 323564	17.66 1.53 -0.65	15.89 1.06 -3.46	15.32 0.86 -5.32	14.49 0.88 -4.24	14.12 0.80 -4.07	13.62 0.75 -3.45	14.37 0.79 -4.45	14.77 0.85 -4.62	14.21 1.14 0.00	14.28 1.09 0.00	15.52 1.27 0.00	16.26 1.38 -0.01	16.90 1.49 -0.01	18.19 1.62 -0.01	19.90 1.64 -0.01	21.15 1.78 -0.01	24.44 2.02 -0.02	29.61 2.54 -0.01	32.80 2.56 -2.40	31.82 2.49 -1.62	30.06 2.42 -2.39	27.48 2.18 -2.63	21.94 1.83 -0.01	20.17 1.61 -0.01
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	15.47 -0.12 -0.11	12.05 0.07 -0.61	10.19 0.10 -0.94	10.26 0.14 -0.75	10.12 0.15 -0.72	10.23 0.20 -0.61	10.07 0.16 -0.79	10.13 0.02 -0.82	13.15 0.08 0.00	13.25 0.07 0.00	14.43 0.19 0.00	15.17 0.30 0.00	15.62 0.22 0.00	16.73 0.17 0.00	18.38 0.13 0.00	19.36 0.00 0.00	22.24 -0.16 0.00	26.35 -0.70 0.00	27.62 -0.64 -0.42	27.21 -0.78 -0.28	25.43 -0.23 -0.42	22.86 -0.27 -0.46	20.33 0.22 0.00	19.08 0.54 0.00
BINGHAMTON___COGEN 23790	16.00 0.31 -0.21	12.73 0.23 -1.14	11.09 0.19 -1.75	10.97 0.21 -1.40	10.79 0.20 -1.34	10.78 0.23 -1.14	10.80 0.21 -1.46	11.00 0.19 -1.52	13.36 0.29 0.00	13.47 0.29 0.00	14.60 0.36 0.00	15.24 0.37 0.00	15.77 0.37 0.00	16.96 0.40 0.00	18.63 0.38 0.00	19.75 0.39 0.00	22.85 0.45 0.00	27.49 0.43 0.00	29.17 0.47 -0.85	28.72 0.44 -0.57	26.62 0.53 -0.85	24.06 0.45 -0.93	20.59 0.48 0.00	19.08 0.54 0.00
BIXINCNT_115KV_LOAD 355685	15.50 -0.09 -0.12	12.12 0.10 -0.65	10.26 0.12 -1.00	10.31 0.15 -0.80	10.17 0.16 -0.76	10.28 0.22 -0.65	10.13 0.17 -0.83	10.23 0.07 -0.87	13.32 0.25 0.00	13.43 0.25 0.00	14.60 0.36 0.00	15.33 0.46 0.00	15.79 0.39 0.00	16.91 0.35 0.00	18.54 0.29 0.00	19.56 0.19 0.00	22.45 0.04 0.00	26.62 -0.43 0.00	27.96 -0.33 -0.45	27.51 -0.50 -0.30	25.69 0.00 -0.45	23.07 -0.09 -0.49	20.51 0.40 0.00	19.21 0.67 0.00
BLACK RIVER___HYD 24047	15.76 0.25 -0.04	11.60 0.05 -0.19	9.47 0.04 -0.29	9.63 0.03 -0.24	9.50 0.03 -0.23	9.63 0.02 -0.19	9.38 0.01 -0.25	9.59 0.04 -0.26	13.04 -0.04 0.00	13.20 0.01 0.00	14.26 0.01 0.00	14.89 0.01 0.00	15.37 -0.03 0.00	16.55 -0.02 0.00	18.14 -0.11 0.00	19.29 -0.08 0.00	22.40 0.00 0.00	27.25 0.19 0.00	28.31 0.47 0.00	28.40 0.69 0.00	25.77 0.53 0.00	23.10 0.43 0.00	20.49 0.38 0.00	18.86 0.31 0.00

BLACKRVR_115KV_TB2 79977	15.76 0.25 -0.04	11.60 0.05 -0.19	9.47 0.04 -0.29	9.63 0.03 -0.24	9.50 0.03 -0.23	9.63 0.02 -0.19	9.38 0.01 -0.25	9.59 0.04 -0.26	13.04 -0.04 0.00	13.20 0.01 0.00	14.26 0.01 0.00	14.89 0.01 0.00	15.37 -0.03 0.00	16.55 -0.02 0.00	18.14 -0.11 0.00	19.29 -0.08 0.00	22.40 0.00 0.00	27.27 0.22 0.00	28.31 0.47 0.00	28.40 0.69 0.00	25.77 0.53 0.00	23.10 0.43 0.00	20.49 0.38 0.00	18.86 0.32 0.00
BLISS_WT_PWR 323608	15.50 -0.09 -0.12	12.12 0.10 -0.65	10.26 0.12 -1.00	10.30 0.14 -0.80	10.17 0.16 -0.76	10.28 0.22 -0.65	10.13 0.17 -0.83	10.23 0.07 -0.87	13.34 0.26 0.00	13.43 0.25 0.00	14.62 0.37 0.00	15.36 0.49 0.00	15.82 0.42 0.00	16.94 0.38 0.00	18.58 0.33 0.00	19.60 0.23 0.00	22.49 0.09 0.00	26.70 -0.35 0.00	28.01 -0.28 -0.45	27.53 -0.47 -0.30	25.71 0.03 -0.44	23.09 -0.07 -0.49	20.53 0.42 0.00	19.23 0.69 0.00
BLUE_CIRC_CHEM_DRP 24182	16.86 0.57 -0.81	16.16 0.47 -4.33	16.17 0.38 -6.64	15.06 0.39 -5.30	14.72 0.39 -5.08	14.14 0.40 -4.32	15.07 0.38 -5.56	15.44 0.37 -5.77	13.58 0.51 0.00	13.67 0.49 0.00	14.75 0.50 0.00	15.41 0.54 0.00	15.95 0.55 0.00	17.18 0.61 0.00	18.94 0.69 0.00	20.10 0.74 0.00	23.25 0.85 0.00	28.11 1.06 0.00	33.04 1.06 -4.14	31.51 1.03 -2.78	30.34 0.98 -4.11	28.12 0.91 -4.54	20.93 0.82 0.00	19.27 0.72 0.00
BOC_GAS_DRP 24189	16.82 0.53 -0.82	16.17 0.41 -4.40	16.22 0.33 -6.75	15.10 0.35 -5.39	14.75 0.34 -5.17	14.15 0.35 -4.39	15.11 0.34 -5.65	15.50 0.33 -5.87	13.55 0.47 0.00	13.63 0.45 0.00	14.70 0.46 0.00	15.33 0.46 0.00	15.89 0.49 0.00	17.09 0.53 0.00	18.82 0.57 0.00	19.96 0.60 0.00	23.07 0.67 0.00	27.92 0.87 0.00	32.74 0.86 -4.04	31.25 0.83 -2.71	30.06 0.81 -4.01	27.84 0.75 -4.43	20.77 0.66 0.00	19.12 0.57 0.00
BOONVILLE_115KV_TB1 79983	15.78 0.28 -0.02	11.61 0.13 -0.13	9.44 0.10 -0.19	9.62 0.10 -0.15	9.49 0.10 -0.15	9.64 0.10 -0.12	9.38 0.09 -0.16	9.58 0.12 -0.17	13.22 0.14 0.00	13.38 0.20 0.00	14.45 0.20 0.00	15.02 0.15 0.00	15.54 0.14 0.00	16.73 0.17 0.00	18.40 0.15 0.00	19.54 0.17 0.00	22.67 0.27 0.00	27.49 0.43 0.00	28.37 0.53 0.00	28.31 0.61 0.00	25.72 0.48 0.00	23.08 0.41 0.00	20.51 0.40 0.00	18.92 0.37 0.00
BORALEX_4TH_BRANCH 23824	17.24 0.94 -0.82	16.43 0.68 -4.39	16.43 0.56 -6.73	15.32 0.58 -5.37	14.98 0.58 -5.15	14.38 0.59 -4.37	15.34 0.58 -5.63	15.70 0.56 -5.85	13.90 0.82 0.00	13.95 0.76 0.00	15.05 0.80 0.00	15.67 0.80 0.00	16.23 0.83 0.00	17.47 0.91 0.00	19.22 0.97 0.00	20.41 1.04 0.00	23.70 1.30 0.00	28.65 1.60 0.00	35.17 1.67 -5.66	33.17 1.66 -3.80	32.40 1.54 -5.62	30.28 1.41 -6.21	21.39 1.29 0.00	19.64 1.09 0.00
BOWLINE___1 23526	17.12 1.02 -0.63	15.45 0.73 -3.36	14.87 0.58 -5.15	14.08 0.60 -4.11	13.76 0.57 -3.94	13.35 0.58 -3.35	14.00 0.57 -4.31	14.38 0.61 -4.47	14.03 0.95 0.00	14.09 0.91 0.00	15.19 0.94 0.00	15.79 0.92 0.00	16.42 1.02 0.00	17.66 1.09 0.00	19.33 1.08 0.00	20.52 1.16 0.00	23.74 1.34 0.00	28.79 1.73 0.00	31.92 1.76 -2.32	30.95 1.69 -1.56	29.19 1.64 -2.30	26.69 1.47 -2.54	21.29 1.19 0.00	19.58 1.04 0.00
BOWLINE___2 23595	17.12 1.02 -0.63	15.45 0.73 -3.36	14.87 0.58 -5.15	14.08 0.60 -4.11	13.76 0.57 -3.94	13.35 0.58 -3.35	14.00 0.57 -4.31	14.38 0.61 -4.47	14.03 0.95 0.00	14.09 0.91 0.00	15.19 0.94 0.00	15.79 0.92 0.00	16.42 1.02 0.00	17.66 1.09 0.00	19.33 1.08 0.00	20.52 1.16 0.00	23.74 1.34 0.00	28.79 1.73 0.00	31.95 1.78 -2.32	30.95 1.69 -1.56	29.19 1.64 -2.30	26.71 1.50 -2.54	21.29 1.19 0.00	19.58 1.04 0.00
BRADY___115KV_TB2 356060	15.09 -0.39 0.00	11.08 -0.28 0.00	8.90 -0.25 0.00	9.10 -0.26 0.00	9.00 -0.25 0.00	9.12 -0.29 0.00	8.87 -0.26 0.00	9.07 -0.22 0.00	12.74 -0.34 0.00	12.88 -0.30 0.00	13.89 -0.36 0.00	14.50 -0.37 0.00	15.02 -0.39 0.00	16.12 -0.45 0.00	17.85 -0.40 0.00	18.94 -0.43 0.00	21.93 -0.47 0.00	26.54 -0.51 0.00	27.42 -0.42 0.00	27.40 -0.30 0.00	24.74 -0.50 0.00	22.19 -0.48 0.00	19.70 -0.40 0.00	18.12 -0.43 0.00
BRANSCOMB___SOLAR 323811	17.34 1.02 -0.85	16.63 0.74 -4.53	16.69 0.59 -6.96	15.52 0.60 -5.55	15.17 0.60 -5.32	14.57 0.63 -4.52	15.54 0.59 -5.82	15.91 0.58 -6.04	13.87 0.80 0.00	13.97 0.79 0.00	15.03 0.78 0.00	15.73 0.86 0.00	16.31 0.91 0.00	17.47 0.91 0.00	19.33 1.08 0.00	20.54 1.18 0.00	23.92 1.52 0.00	28.92 1.87 0.00	36.68 2.06 -6.78	34.28 2.02 -4.55	33.92 1.94 -6.73	31.87 1.77 -7.43	21.66 1.55 0.00	19.90 1.35 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	17.70 1.58 -0.65	15.92 1.09 -3.46	15.36 0.91 -5.32	14.53 0.92 -4.24	14.15 0.83 -4.07	13.62 0.75 -3.45	14.39 0.82 -4.45	14.80 0.88 -4.62	14.17 1.10 0.00	14.24 1.05 0.00	15.49 1.24 0.00	16.27 1.40 0.00	16.92 1.52 0.00	18.24 1.67 0.00	19.93 1.68 0.00	21.18 1.82 0.00	24.60 2.17 -0.03	29.63 2.57 0.00	32.85 2.62 -2.39	31.86 2.55 -1.61	30.15 2.52 -2.38	27.56 2.27 -2.63	22.06 1.95 0.00	20.25 1.71 0.00
BRISTLHL_115KV_TB1 79998	15.50 -0.03 -0.05	11.61 -0.05 -0.29	9.56 -0.04 -0.45	9.69 -0.04 -0.36	9.55 -0.04 -0.35	9.68 -0.03 -0.29	9.47 -0.04 -0.38	9.63 -0.06 -0.39	12.98 -0.09 0.00	13.12 -0.07 0.00	14.20 -0.04 0.00	14.84 -0.03 0.00	15.35 -0.05 0.00	16.51 -0.05 0.00	18.16 -0.09 0.00	19.27 -0.10 0.00	22.27 -0.13 0.00	26.84 -0.22 0.00	27.67 -0.17 0.00	27.51 -0.19 0.00	25.14 -0.10 0.00	22.55 -0.11 0.00	20.05 -0.06 0.00	18.55 0.00 0.00
BROOKHAVEN___DRP 24191	17.61 1.49 -0.65	15.86 1.03 -3.46	15.34 0.88 -5.32	14.50 0.89 -4.24	14.11 0.80 -4.07	13.53 0.66 -3.45	14.36 0.78 -4.45	14.77 0.86 -4.62	14.00 0.93 0.00	14.07 0.88 0.00	15.30 1.05 0.00	16.08 1.20 0.00	16.74 1.34 0.00	18.05 1.49 0.00	19.69 1.44 0.00	20.95 1.59 0.00	24.35 1.93 -0.02	29.36 2.30 0.00	32.57 2.34 -2.39	31.58 2.27 -1.61	29.89 2.27 -2.38	27.31 2.02 -2.63	21.84 1.73 0.00	20.03 1.48 0.00
BROOKLYN_NAVY_YARD 23515	17.31 1.19 -0.65	15.67 0.84 -3.46	15.12 0.66 -5.31	14.30 0.69 -4.24	13.97 0.66 -4.07	13.54 0.67 -3.45	14.22 0.65 -4.44	14.64 0.73 -4.62	14.20 1.12 0.00	14.25 1.07 0.00	15.34 1.10 0.00	15.93 1.06 0.00	16.56 1.16 0.00	17.84 1.28 0.00	19.47 1.22 0.00	20.66 1.30 0.00	23.86 1.46 0.00	29.03 1.97 0.00	32.18 1.95 -2.39	31.20 1.88 -1.61	29.46 1.84 -2.38	26.95 1.65 -2.62	21.43 1.33 0.00	19.73 1.19 0.00
BROOKLYN___ARMY_DRP 323595	17.39 1.27 -0.65	15.71 0.89 -3.46	15.16 0.70 -5.31	14.32 0.71 -4.24	14.00 0.68 -4.07	13.54 0.67 -3.45	14.22 0.65 -4.44	14.62 0.71 -4.62	14.19 1.11 0.00	14.24 1.05 0.00	15.32 1.07 0.00	15.91 1.04 0.00	16.56 1.16 0.00	17.85 1.29 0.00	19.45 1.20 0.00	20.64 1.28 0.00	23.83 1.43 0.00	29.11 2.06 0.00	32.27 2.03 -2.39	31.25 1.94 -1.61	29.49 1.87 -2.38	27.02 1.72 -2.62	21.43 1.33 0.00	19.84 1.30 0.00

BROOKVLE_69_KV_TB1 55790	17.56 1.44 -0.65	15.83 1.00 -3.46	15.27 0.81 -5.32	14.43 0.82 -4.24	14.09 0.78 -4.07	13.62 0.75 -3.45	14.34 0.77 -4.45	14.74 0.83 -4.62	14.24 1.16 0.00	14.30 1.12 0.00	15.52 1.27 0.00	16.21 1.34 0.00	16.85 1.45 0.00	18.17 1.61 0.00	19.86 1.61 0.00	21.07 1.70 0.00	24.40 1.97 -0.02	29.57 2.52 0.00	32.77 2.53 -2.39	31.78 2.47 -1.61	29.99 2.37 -2.38	27.42 2.13 -2.63	21.86 1.75 0.00	20.10 1.56 0.00
BROOME_2_LFGE 323671	16.00 0.31 -0.21	12.73 0.23 -1.14	11.09 0.19 -1.75	10.97 0.21 -1.40	10.79 0.20 -1.34	10.78 0.23 -1.14	10.80 0.21 -1.46	11.00 0.19 -1.52	13.36 0.29 0.00	13.47 0.29 0.00	14.60 0.36 0.00	15.24 0.37 0.00	15.77 0.37 0.00	16.94 0.38 0.00	18.63 0.38 0.00	19.75 0.39 0.00	22.85 0.45 0.00	27.49 0.43 0.00	29.17 0.47 -0.85	28.72 0.44 -0.57	26.62 0.53 -0.85	24.06 0.45 -0.93	20.59 0.48 0.00	19.08 0.54 0.00
BROOME__LFGE 323600	16.00 0.31 -0.21	12.73 0.23 -1.14	11.09 0.19 -1.75	10.97 0.21 -1.40	10.79 0.20 -1.34	10.78 0.23 -1.14	10.80 0.21 -1.46	11.00 0.19 -1.52	13.36 0.29 0.00	13.47 0.29 0.00	14.60 0.36 0.00	15.24 0.37 0.00	15.77 0.37 0.00	16.94 0.38 0.00	18.63 0.38 0.00	19.75 0.39 0.00	22.85 0.45 0.00	27.49 0.43 0.00	29.17 0.47 -0.85	28.72 0.44 -0.57	26.62 0.53 -0.85	24.06 0.45 -0.93	20.59 0.48 0.00	19.08 0.54 0.00
BROWNFLS_115KV_TB_3_5 80003	15.23 -0.26 -0.02	11.21 -0.25 -0.10	9.09 -0.21 -0.15	9.26 -0.22 -0.12	9.15 -0.21 -0.12	9.28 -0.24 -0.10	9.03 -0.22 -0.13	9.23 -0.20 -0.13	12.76 -0.31 0.00	12.91 -0.28 0.00	13.92 -0.33 0.00	14.51 -0.36 0.00	15.02 -0.39 0.00	16.13 -0.43 0.00	17.79 -0.46 0.00	18.90 -0.46 0.00	21.91 -0.49 0.00	26.60 -0.46 0.00	27.51 -0.33 0.00	27.51 -0.19 0.00	24.92 -0.33 0.00	22.35 -0.32 0.00	19.85 -0.26 0.00	18.27 -0.28 0.00
BROWNSV1_27_KV_LOAD 356125	17.42 1.30 -0.65	15.76 0.93 -3.46	15.18 0.72 -5.31	14.36 0.75 -4.24	14.03 0.72 -4.07	13.59 0.72 -3.45	14.28 0.71 -4.44	14.69 0.78 -4.62	14.29 1.22 0.00	14.33 1.15 0.00	15.46 1.21 0.00	16.06 1.19 0.00	16.68 1.28 0.00	17.99 1.42 0.00	19.64 1.39 0.00	20.81 1.45 0.00	24.04 1.64 0.00	29.28 2.22 0.00	32.46 2.23 -2.39	31.45 2.13 -1.61	29.69 2.07 -2.38	27.15 1.86 -2.62	21.57 1.47 0.00	19.88 1.34 0.00
BURROWS__LYONSDAL 23803	15.75 0.25 -0.02	11.58 0.09 -0.13	9.41 0.07 -0.20	9.59 0.07 -0.16	9.46 0.06 -0.15	9.61 0.07 -0.13	9.35 0.06 -0.16	9.56 0.09 -0.17	13.17 0.15 0.00	13.33 0.15 0.00	14.39 0.14 0.00	14.96 0.09 0.00	15.48 0.08 0.00	16.66 0.10 0.00	18.31 0.05 0.00	19.46 0.10 0.00	22.58 0.18 0.00	27.38 0.32 0.00	28.31 0.47 0.00	28.26 0.55 0.00	25.67 0.43 0.00	23.03 0.36 0.00	20.47 0.36 0.00	18.86 0.32 0.00
CAITHNESS_CC_1 323624	17.60 1.47 -0.65	15.85 1.02 -3.46	15.33 0.87 -5.32	14.49 0.88 -4.24	14.10 0.79 -4.07	13.53 0.66 -3.45	14.35 0.78 -4.45	14.75 0.84 -4.62	14.02 0.94 0.00	14.08 0.90 0.00	15.32 1.07 0.00	16.10 1.22 -0.01	16.76 1.36 -0.01	18.06 1.49 -0.01	19.72 1.46 -0.01	20.98 1.61 -0.01	24.33 1.90 -0.02	29.36 2.30 -0.01	32.58 2.34 -2.40	31.59 2.27 -1.62	29.90 2.27 -2.39	27.32 2.02 -2.63	21.84 1.73 -0.01	20.04 1.48 -0.01
CALPINE BETH_PAGE_GT4 24209	17.65 1.53 -0.65	15.89 1.06 -3.46	15.32 0.86 -5.32	14.49 0.88 -4.24	14.13 0.81 -4.07	13.63 0.76 -3.45	14.37 0.79 -4.45	14.77 0.86 -4.62	14.23 1.15 0.00	14.29 1.11 0.00	15.53 1.28 0.00	16.25 1.38 0.00	16.91 1.51 0.00	18.22 1.66 0.00	19.91 1.66 0.00	21.09 1.72 0.00	24.42 1.99 -0.03	29.57 2.52 0.00	32.80 2.56 -2.39	31.78 2.47 -1.61	30.02 2.40 -2.38	27.45 2.15 -2.63	21.92 1.81 0.00	20.20 1.65 0.00
CALPINE_BETH_PAGE_GT_4 323586	17.66 1.53 -0.65	15.89 1.06 -3.46	15.32 0.86 -5.32	14.49 0.88 -4.24	14.13 0.81 -4.07	13.63 0.76 -3.45	14.37 0.79 -4.45	14.77 0.85 -4.62	14.23 1.15 0.00	14.29 1.11 0.00	15.53 1.28 0.00	16.26 1.38 -0.01	16.92 1.51 -0.01	18.21 1.64 -0.01	19.92 1.66 -0.01	21.15 1.78 -0.01	24.44 2.02 -0.02	29.58 2.52 -0.01	32.80 2.56 -2.40	31.82 2.49 -1.62	30.03 2.40 -2.39	27.46 2.15 -2.63	21.93 1.81 -0.01	20.17 1.61 -0.01
CALPINE_BP_GT1 23823	17.66 1.53 -0.65	15.89 1.06 -3.46	15.32 0.86 -5.32	14.49 0.88 -4.24	14.13 0.81 -4.07	13.63 0.76 -3.45	14.37 0.79 -4.45	14.77 0.85 -4.62	14.23 1.15 0.00	14.29 1.11 0.00	15.53 1.28 0.00	16.26 1.38 -0.01	16.92 1.51 -0.01	18.21 1.64 -0.01	19.92 1.66 -0.01	21.15 1.78 -0.01	24.44 2.02 -0.02	29.58 2.52 -0.01	32.80 2.56 -2.40	31.82 2.49 -1.62	30.03 2.40 -2.39	27.46 2.15 -2.63	21.93 1.81 -0.01	20.17 1.61 -0.01
CALSPAN__DRP 24200	15.50 -0.09 -0.11	12.06 0.09 -0.61	10.20 0.13 -0.93	10.27 0.16 -0.74	10.12 0.17 -0.71	10.24 0.22 -0.61	10.08 0.17 -0.78	10.14 0.04 -0.81	13.15 0.08 0.00	13.24 0.05 0.00	14.42 0.17 0.00	15.15 0.28 0.00	15.60 0.20 0.00	16.73 0.17 0.00	18.36 0.11 0.00	19.36 0.00 0.00	22.22 -0.18 0.00	26.33 -0.73 0.00	27.59 -0.67 -0.41	27.18 -0.80 -0.28	25.40 -0.25 -0.41	22.83 -0.29 -0.45	20.33 0.22 0.00	19.06 0.52 0.00
CALVERTON__SOLAR 323806	17.65 1.52 -0.65	15.89 1.06 -3.46	15.36 0.91 -5.32	14.53 0.92 -4.24	14.13 0.81 -4.07	13.54 0.67 -3.45	14.38 0.81 -4.45	14.79 0.87 -4.62	14.00 0.93 0.00	14.07 0.88 0.00	15.32 1.07 0.00	16.08 1.20 -0.01	16.76 1.36 -0.01	18.06 1.49 -0.01	19.72 1.46 -0.01	21.00 1.63 -0.01	24.35 1.93 -0.02	29.42 2.35 -0.01	32.64 2.39 -2.40	31.65 2.33 -1.62	29.98 2.35 -2.39	27.36 2.06 -2.63	21.88 1.77 -0.01	20.06 1.50 -0.01
CANDIGU_WT_PWR 323617	15.84 0.22 -0.15	12.39 0.24 -0.79	10.57 0.21 -1.21	10.57 0.23 -0.97	10.41 0.24 -0.93	10.49 0.28 -0.79	10.39 0.25 -1.02	10.52 0.17 -1.06	13.34 0.26 0.00	13.45 0.26 0.00	14.60 0.36 0.00	15.30 0.43 0.00	15.79 0.39 0.00	16.94 0.38 0.00	18.62 0.36 0.00	19.69 0.33 0.00	22.69 0.29 0.00	27.11 0.05 0.00	28.54 0.14 -0.56	28.11 0.03 -0.37	26.15 0.35 -0.55	23.55 0.27 -0.61	20.59 0.48 0.00	19.23 0.69 0.00
CARR STREET_E__SYR 24060	15.55 0.02 -0.06	11.70 0.00 -0.33	9.66 0.00 -0.51	9.77 0.00 -0.41	9.64 0.00 -0.39	9.77 0.02 -0.33	9.55 0.00 -0.43	9.73 -0.01 -0.45	13.05 -0.03 0.00	13.18 0.00 0.00	14.28 0.03 0.00	14.90 0.03 0.00	15.43 0.03 0.00	16.60 0.03 0.00	18.27 0.02 0.00	19.38 0.02 0.00	22.40 0.00 0.00	27.00 -0.05 0.00	28.01 -0.03 -0.20	27.78 -0.06 -0.13	25.47 0.03 -0.20	22.89 0.00 -0.22	20.13 0.02 0.00	18.62 0.07 0.00
CARTHAGE__PAPER 23857	15.57 0.06 -0.03	11.48 -0.06 -0.17	9.36 -0.05 -0.26	9.52 -0.06 -0.21	9.39 -0.06 -0.20	9.52 -0.07 -0.17	9.28 -0.06 -0.22	9.48 -0.05 -0.23	12.93 -0.14 0.00	13.06 -0.12 0.00	14.09 -0.16 0.00	14.71 -0.16 0.00	15.20 -0.20 0.00	16.35 -0.22 0.00	17.94 -0.31 0.00	19.07 -0.29 0.00	22.18 -0.22 0.00	27.00 -0.05 0.00	28.04 0.20 0.00	28.12 0.42 0.00	25.50 0.25 0.00	22.87 0.20 0.00	20.27 0.16 0.00	18.66 0.11 0.00

CASSADAGA_WT_PWR 323784	15.77 0.17 -0.12	12.31 0.31 -0.64	10.42 0.29 -0.98	10.50 0.35 -0.78	10.36 0.36 -0.75	10.49 0.43 -0.64	10.36 0.41 -0.82	10.46 0.31 -0.85	13.61 0.54 0.00	13.72 0.54 0.00	14.95 0.70 0.00	15.70 0.83 0.00	16.15 0.75 0.00	17.31 0.75 0.00	18.96 0.71 0.00	19.94 0.58 0.00	22.76 0.36 0.00	27.00 -0.05 0.00	28.31 0.03 -0.44	27.83 -0.17 -0.29	25.96 0.28 -0.44	23.26 0.11 -0.48	20.59 0.48 0.00	19.21 0.67 0.00
CE_DUNWOOD___DRP 24194	17.22 1.10 -0.64	15.60 0.78 -3.46	15.07 0.62 -5.30	14.24 0.64 -4.23	13.92 0.62 -4.06	13.48 0.62 -3.45	14.17 0.61 -4.44	14.56 0.66 -4.61	14.09 1.02 0.00	14.15 0.96 0.00	15.26 1.01 0.00	15.87 1.00 0.00	16.49 1.09 0.00	17.77 1.21 0.00	19.44 1.19 0.00	20.62 1.26 0.00	23.86 1.46 0.00	28.95 1.89 0.00	32.15 1.92 -2.39	31.14 1.83 -1.60	29.41 1.79 -2.37	26.90 1.61 -2.62	21.37 1.27 0.00	19.68 1.13 0.00
CE_MILLWOOD___DRP 24193	17.19 1.07 -0.64	15.57 0.76 -3.44	15.03 0.60 -5.28	14.20 0.62 -4.22	13.89 0.60 -4.04	13.45 0.60 -3.43	14.14 0.59 -4.42	14.52 0.63 -4.59	14.06 0.98 0.00	14.12 0.94 0.00	15.23 0.98 0.00	15.84 0.97 0.00	16.45 1.05 0.00	17.74 1.18 0.00	19.40 1.15 0.00	20.58 1.22 0.00	23.81 1.41 0.00	28.90 1.84 0.00	32.09 1.87 -2.38	31.08 1.77 -1.60	29.35 1.74 -2.36	26.84 1.56 -2.61	21.35 1.25 0.00	19.64 1.09 0.00
CE_NYC2_DRP 24202	17.36 1.24 -0.65	15.71 0.89 -3.46	15.15 0.69 -5.31	14.32 0.71 -4.24	14.00 0.68 -4.07	13.56 0.69 -3.45	14.24 0.67 -4.44	14.65 0.73 -4.62	14.21 1.14 0.00	14.26 1.08 0.00	15.33 1.08 0.00	15.93 1.06 0.00	16.56 1.16 0.00	17.85 1.29 0.00	19.47 1.22 0.00	20.66 1.30 0.00	23.83 1.43 0.00	29.06 2.00 0.00	32.24 2.00 -2.39	31.22 1.91 -1.61	29.46 1.84 -2.38	26.97 1.68 -2.62	21.41 1.31 0.00	19.83 1.28 0.00
CE_NYC_DRP 24195	17.33 1.21 -0.65	15.69 0.86 -3.46	15.13 0.68 -5.31	14.31 0.70 -4.24	13.99 0.67 -4.07	13.56 0.69 -3.45	14.24 0.67 -4.44	14.65 0.73 -4.62	14.21 1.14 0.00	14.25 1.07 0.00	15.37 1.13 0.00	15.96 1.09 0.00	16.59 1.19 0.00	17.89 1.33 0.00	19.51 1.26 0.00	20.70 1.34 0.00	23.90 1.50 0.00	29.09 2.03 0.00	32.24 2.00 -2.39	31.25 1.94 -1.61	29.49 1.87 -2.38	26.99 1.70 -2.62	21.43 1.33 0.00	19.75 1.21 0.00
CHAFFEE___LFGE 323603	15.47 -0.12 -0.12	12.06 0.07 -0.63	10.22 0.11 -0.96	10.27 0.13 -0.77	10.13 0.15 -0.74	10.24 0.20 -0.63	10.10 0.16 -0.81	10.16 0.03 -0.84	13.18 0.10 0.00	13.26 0.08 0.00	14.45 0.20 0.00	15.20 0.33 0.00	15.63 0.23 0.00	16.76 0.20 0.00	18.40 0.15 0.00	19.38 0.02 0.00	22.24 -0.16 0.00	26.44 -0.62 0.00	27.68 -0.59 -0.43	27.25 -0.75 -0.29	25.47 -0.20 -0.43	22.87 -0.27 -0.47	20.35 0.24 0.00	19.10 0.56 0.00
CHATEAUG_35_KV_LOAD 355732	15.00 -0.48 0.00	11.03 -0.33 0.00	8.86 -0.28 0.00	9.07 -0.30 0.00	8.96 -0.29 0.00	9.09 -0.33 0.00	8.85 -0.27 0.00	9.06 -0.23 0.00	12.76 -0.31 0.00	12.91 -0.28 0.00	13.92 -0.33 0.00	14.54 -0.33 0.00	15.03 -0.37 0.00	16.12 -0.45 0.00	17.85 -0.40 0.00	18.90 -0.46 0.00	21.91 -0.49 0.00	26.49 -0.57 0.00	27.39 -0.45 0.00	27.34 -0.36 0.00	24.69 -0.56 0.00	22.12 -0.54 0.00	19.66 -0.44 0.00	18.12 -0.43 0.00
CHATEAUG_WT_PWR 323614	15.03 -0.45 0.00	11.07 -0.30 0.00	8.89 -0.26 0.00	9.09 -0.28 0.00	8.98 -0.27 0.00	9.10 -0.31 0.00	8.86 -0.26 0.00	9.08 -0.21 0.00	12.79 -0.29 0.00	12.93 -0.25 0.00	13.98 -0.27 0.00	14.60 -0.27 0.00	15.09 -0.31 0.00	16.20 -0.36 0.00	17.90 -0.35 0.00	18.96 -0.41 0.00	21.95 -0.45 0.00	26.54 -0.51 0.00	27.42 -0.42 0.00	27.34 -0.36 0.00	24.71 -0.53 0.00	22.12 -0.54 0.00	19.66 -0.44 0.00	18.14 -0.41 0.00
CHAT_HIGH_FALL_HYD 323578	15.00 -0.48 0.00	11.03 -0.33 0.00	8.86 -0.28 0.00	9.07 -0.30 0.00	8.96 -0.29 0.00	9.09 -0.33 0.00	8.85 -0.27 0.00	9.06 -0.23 0.00	12.76 -0.31 0.00	12.91 -0.28 0.00	13.92 -0.33 0.00	14.54 -0.33 0.00	15.03 -0.37 0.00	16.15 -0.41 0.00	17.85 -0.40 0.00	18.90 -0.46 0.00	21.91 -0.49 0.00	26.49 -0.57 0.00	27.39 -0.45 0.00	27.34 -0.36 0.00	24.69 -0.56 0.00	22.12 -0.54 0.00	19.66 -0.44 0.00	18.12 -0.43 0.00
CHAUTAUQUA___LFGE 323629	15.73 0.14 -0.12	12.26 0.27 -0.63	10.37 0.27 -0.96	10.44 0.31 -0.77	10.31 0.32 -0.74	10.43 0.39 -0.63	10.29 0.36 -0.81	10.37 0.23 -0.84	13.45 0.38 0.00	13.55 0.37 0.00	14.76 0.51 0.00	15.53 0.65 0.00	15.97 0.57 0.00	17.11 0.55 0.00	18.76 0.51 0.00	19.77 0.41 0.00	22.62 0.22 0.00	26.87 -0.19 0.00	28.13 -0.14 -0.43	27.69 -0.30 -0.29	25.85 0.18 -0.43	23.21 0.07 -0.47	20.57 0.46 0.00	19.25 0.70 0.00
CHERRYST_13_KV_LD 356241	17.37 1.25 -0.65	15.71 0.89 -3.46	15.15 0.69 -5.31	14.33 0.72 -4.24	14.01 0.70 -4.07	13.57 0.71 -3.45	14.26 0.68 -4.44	14.67 0.75 -4.62	14.25 1.18 0.00	14.29 1.11 0.00	15.40 1.15 0.00	16.00 1.13 0.00	16.63 1.23 0.00	17.92 1.36 0.00	19.56 1.31 0.00	20.76 1.39 0.00	23.97 1.57 0.00	29.14 2.08 0.00	32.32 2.09 -2.39	31.31 1.99 -1.61	29.56 1.94 -2.38	27.04 1.75 -2.62	21.49 1.39 0.00	19.79 1.24 0.00
CHESTROR_138KV_BK263 355645	16.99 0.91 -0.60	15.22 0.65 -3.21	14.58 0.51 -4.92	13.82 0.52 -3.93	13.52 0.51 -3.77	13.13 0.52 -3.20	13.75 0.51 -4.12	14.11 0.54 -4.28	13.91 0.84 0.00	13.97 0.79 0.00	15.07 0.83 0.00	15.69 0.82 0.00	16.29 0.89 0.00	17.54 0.98 0.00	19.20 0.95 0.00	20.39 1.03 0.00	23.59 1.19 0.00	28.63 1.57 0.00	31.65 1.59 -2.22	30.72 1.52 -1.49	28.94 1.49 -2.20	26.46 1.36 -2.43	21.17 1.07 0.00	19.47 0.93 0.00
CH_MIDHUDSON___DRP 24192	17.15 1.02 -0.66	15.60 0.72 -3.52	15.11 0.58 -5.40	14.26 0.59 -4.31	13.95 0.57 -4.13	13.50 0.58 -3.51	14.21 0.57 -4.51	14.59 0.60 -4.69	14.00 0.93 0.00	14.07 0.88 0.00	15.16 0.91 0.00	15.78 0.91 0.00	16.39 0.99 0.00	17.64 1.08 0.00	19.31 1.06 0.00	20.49 1.12 0.00	23.72 1.32 0.00	28.82 1.76 0.00	32.08 1.78 -2.45	31.07 1.72 -1.65	29.35 1.67 -2.44	26.86 1.50 -2.69	21.31 1.21 0.00	19.60 1.06 0.00
CH_MISC_IPPS 23765	17.19 1.07 -0.64	15.55 0.74 -3.45	15.03 0.59 -5.30	14.21 0.62 -4.23	13.89 0.59 -4.05	13.47 0.61 -3.44	14.15 0.59 -4.43	14.52 0.62 -4.60	14.04 0.97 0.00	14.12 0.94 0.00	15.19 0.94 0.00	15.81 0.94 0.00	16.43 1.03 0.00	17.64 1.08 0.00	19.35 1.09 0.00	20.52 1.16 0.00	23.79 1.39 0.00	28.92 1.87 0.00	32.20 1.95 -2.41	31.18 1.86 -1.62	29.43 1.79 -2.39	26.92 1.61 -2.64	21.37 1.27 0.00	19.64 1.09 0.00
CH_RES_BVR_FALLS 23983	15.26 -0.22 0.00	11.22 -0.15 0.00	9.02 -0.12 0.00	9.24 -0.12 0.00	9.13 -0.12 0.00	9.28 -0.13 0.00	9.01 -0.12 0.00	9.19 -0.11 0.00	12.90 -0.17 0.00	13.03 -0.16 0.00	14.08 -0.17 0.00	14.68 -0.19 0.00	15.20 -0.20 0.00	16.35 -0.22 0.00	18.03 -0.22 0.00	19.13 -0.23 0.00	22.13 -0.27 0.00	26.73 -0.32 0.00	27.53 -0.31 0.00	27.43 -0.28 0.00	24.91 -0.33 0.00	22.37 -0.30 0.00	19.84 -0.26 0.00	18.30 -0.24 0.00

CH_RES_NIAGARA 23895	15.19 -0.39 -0.10	11.80 -0.12 -0.56	9.99 -0.01 -0.86	10.04 -0.01 -0.69	9.94 0.04 -0.66	10.02 0.05 -0.56	9.85 0.01 -0.72	9.84 -0.20 -0.75	12.67 -0.41 0.00	12.74 -0.45 0.00	13.89 -0.36 0.00	14.60 -0.27 0.00	15.02 -0.38 0.00	16.08 -0.48 0.00	17.68 -0.57 0.00	18.65 -0.72 0.00	21.37 -1.03 0.00	25.30 -1.76 0.00	26.41 -1.81 -0.38	26.02 -1.94 -0.25	24.38 -1.24 -0.37	21.93 -1.16 -0.41	19.58 -0.52 0.00	18.45 -0.09 0.00
CH_RES_SYRACUSE 23985	15.64 0.09 -0.07	11.79 0.06 -0.37	9.76 0.05 -0.57	9.86 0.04 -0.45	9.72 0.04 -0.44	9.84 0.06 -0.37	9.65 0.05 -0.48	9.82 0.03 -0.50	13.11 0.04 0.00	13.25 0.07 0.00	14.36 0.11 0.00	14.99 0.12 0.00	15.52 0.12 0.00	16.68 0.12 0.00	18.38 0.13 0.00	19.50 0.14 0.00	22.54 0.14 0.00	27.14 0.08 0.00	28.21 0.14 -0.23	27.97 0.11 -0.16	25.63 0.15 -0.23	23.04 0.11 -0.25	20.23 0.12 0.00	18.73 0.19 0.00
CLINTON_WT_PWR 323605	15.03 -0.45 0.00	11.07 -0.30 0.00	8.89 -0.26 0.00	9.09 -0.28 0.00	8.98 -0.27 0.00	9.10 -0.31 0.00	8.86 -0.26 0.00	9.08 -0.21 0.00	12.79 -0.29 0.00	12.93 -0.25 0.00	13.98 -0.27 0.00	14.60 -0.27 0.00	15.09 -0.31 0.00	16.20 -0.36 0.00	17.90 -0.35 0.00	18.96 -0.41 0.00	21.95 -0.45 0.00	26.54 -0.51 0.00	27.42 -0.42 0.00	27.34 -0.36 0.00	24.71 -0.53 0.00	22.12 -0.54 0.00	19.66 -0.44 0.00	18.14 -0.41 0.00
CLINTON___LFGE 323618	15.15 -0.33 0.00	11.16 -0.20 0.00	8.95 -0.19 0.00	9.16 -0.21 0.00	9.05 -0.19 0.00	9.17 -0.24 0.00	8.94 -0.18 0.00	9.17 -0.13 0.00	12.92 -0.16 0.00	13.08 -0.11 0.00	14.11 -0.14 0.00	14.75 -0.12 0.00	15.25 -0.15 0.00	16.35 -0.22 0.00	18.09 -0.16 0.00	19.15 -0.21 0.00	22.20 -0.20 0.00	26.84 -0.22 0.00	27.78 -0.06 0.00	27.71 0.00 0.00	25.02 -0.23 0.00	22.40 -0.27 0.00	19.91 -0.20 0.00	18.34 -0.20 0.00
COBBLENY_34_KV_TB1 80064	15.47 -0.12 -0.12	12.06 0.07 -0.63	10.22 0.11 -0.96	10.27 0.14 -0.77	10.13 0.15 -0.74	10.24 0.20 -0.63	10.10 0.16 -0.81	10.16 0.03 -0.84	13.18 0.10 0.00	13.26 0.08 0.00	14.45 0.20 0.00	15.20 0.33 0.00	15.63 0.23 0.00	16.76 0.20 0.00	18.40 0.15 0.00	19.38 0.02 0.00	22.27 -0.13 0.00	26.38 -0.68 0.00	27.69 -0.58 -0.43	27.25 -0.75 -0.29	25.47 -0.20 -0.43	22.87 -0.27 -0.47	20.35 0.24 0.00	19.08 0.54 0.00
COFFEEN___115KV_TB3 355620	15.85 0.34 -0.04	11.65 0.09 -0.20	9.53 0.08 -0.30	9.67 0.07 -0.24	9.54 0.06 -0.23	9.68 0.07 -0.20	9.42 0.05 -0.25	9.63 0.07 -0.26	13.07 0.00 0.00	13.25 0.07 0.00	14.32 0.07 0.00	14.93 0.06 0.00	15.42 0.02 0.00	16.60 0.03 0.00	18.20 -0.05 0.00	19.34 -0.02 0.00	22.49 0.09 0.00	27.38 0.32 0.00	28.48 0.64 0.00	28.59 0.89 0.00	25.95 0.71 0.00	23.26 0.59 0.00	20.61 0.50 0.00	18.97 0.43 0.00
COLDSPRG_115KV_BK1 355956	15.78 0.19 -0.12	12.33 0.31 -0.66	10.45 0.29 -1.02	10.51 0.34 -0.81	10.37 0.35 -0.78	10.50 0.42 -0.66	10.36 0.38 -0.85	10.47 0.29 -0.88	13.66 0.59 0.00	13.78 0.59 0.00	14.99 0.74 0.00	15.73 0.86 0.00	16.20 0.80 0.00	17.36 0.80 0.00	19.00 0.75 0.00	20.00 0.64 0.00	22.83 0.43 0.00	27.14 0.08 0.00	28.51 0.19 -0.47	28.05 0.03 -0.32	26.17 0.45 -0.47	23.48 0.29 -0.52	20.77 0.66 0.00	19.40 0.85 0.00
COLONIE_LFGE___ 323577	17.10 0.79 -0.83	16.43 0.59 -4.47	16.49 0.48 -6.86	15.33 0.49 -5.47	14.98 0.49 -5.25	14.38 0.51 -4.46	15.35 0.48 -5.74	15.73 0.47 -5.96	13.75 0.68 0.00	13.83 0.65 0.00	14.92 0.67 0.00	15.57 0.70 0.00	16.12 0.72 0.00	17.34 0.78 0.00	19.11 0.86 0.00	20.29 0.93 0.00	23.54 1.14 0.00	28.46 1.41 0.00	35.55 1.47 -6.24	33.36 1.47 -4.19	32.80 1.36 -6.19	30.75 1.25 -6.84	21.23 1.13 0.00	19.51 0.96 0.00
COOPERNY_115KV_TB1 80082	16.68 0.71 -0.49	14.49 0.50 -2.62	13.56 0.39 -4.03	12.99 0.41 -3.21	12.73 0.40 -3.08	12.44 0.40 -2.62	12.89 0.39 -3.37	13.21 0.42 -3.50	13.72 0.64 0.00	13.80 0.62 0.00	14.90 0.66 0.00	15.51 0.64 0.00	16.09 0.69 0.00	17.32 0.76 0.00	18.98 0.73 0.00	20.14 0.77 0.00	23.32 0.92 0.00	28.25 1.19 0.00	30.86 1.20 -1.82	30.09 1.16 -1.22	28.19 1.14 -1.81	25.71 1.04 -2.00	20.93 0.82 0.00	19.29 0.74 0.00
COPENHAGEN_WT_PWR 323753	15.73 0.22 -0.04	11.60 0.03 -0.20	9.48 0.03 -0.31	9.62 0.01 -0.25	9.50 0.02 -0.24	9.63 0.01 -0.20	9.39 0.00 -0.26	9.58 0.02 -0.27	13.02 -0.05 0.00	13.18 0.00 0.00	14.25 0.00 0.00	14.87 0.00 0.00	15.35 -0.05 0.00	16.53 -0.03 0.00	18.14 -0.11 0.00	19.29 -0.08 0.00	22.38 -0.02 0.00	27.19 0.14 0.00	28.23 0.39 0.00	28.29 0.58 0.00	25.70 0.45 0.00	23.05 0.38 0.00	20.43 0.32 0.00	18.82 0.28 0.00
CORNELL___ 23752	16.12 0.50 -0.15	12.48 0.32 -0.80	10.62 0.26 -1.22	10.60 0.26 -0.97	10.44 0.26 -0.93	10.49 0.28 -0.79	10.40 0.26 -1.02	10.60 0.24 -1.06	13.40 0.33 0.00	13.51 0.33 0.00	14.63 0.38 0.00	15.27 0.40 0.00	15.79 0.39 0.00	16.99 0.43 0.00	18.69 0.44 0.00	19.85 0.48 0.00	23.01 0.60 0.00	27.76 0.70 0.00	29.28 0.86 -0.58	28.95 0.86 -0.39	26.68 0.86 -0.58	24.05 0.75 -0.64	20.79 0.68 0.00	19.23 0.69 0.00
CORONA_AAV_69_KV_TB1 355595	17.64 1.52 -0.65	15.89 1.06 -3.46	15.32 0.86 -5.32	14.48 0.87 -4.24	14.12 0.80 -4.07	13.64 0.77 -3.45	14.37 0.79 -4.45	14.77 0.86 -4.62	14.25 1.18 0.00	14.32 1.13 0.00	15.56 1.31 0.00	16.24 1.37 0.00	16.86 1.46 0.00	18.19 1.62 0.00	19.87 1.62 0.00	21.09 1.72 0.00	24.40 1.97 -0.02	29.60 2.54 0.00	32.77 2.53 -2.39	31.78 2.47 -1.61	30.02 2.40 -2.38	27.45 2.15 -2.63	21.94 1.83 0.00	20.18 1.63 0.00
CORTLAND_115KV_TB3 80093	15.92 0.32 -0.12	12.23 0.22 -0.65	10.31 0.17 -0.99	10.34 0.18 -0.79	10.18 0.18 -0.76	10.25 0.19 -0.65	10.13 0.17 -0.83	10.33 0.17 -0.86	13.30 0.22 0.00	13.43 0.25 0.00	14.53 0.28 0.00	15.17 0.30 0.00	15.69 0.29 0.00	16.88 0.31 0.00	18.56 0.31 0.00	19.71 0.35 0.00	22.80 0.40 0.00	27.52 0.46 0.00	28.84 0.56 -0.45	28.53 0.53 -0.30	26.24 0.56 -0.44	23.63 0.48 -0.49	20.57 0.46 0.00	19.03 0.48 0.00
COXSACKIE___GT 23611	16.99 0.74 -0.77	16.05 0.56 -4.13	15.95 0.48 -6.34	14.88 0.46 -5.06	14.57 0.48 -4.85	14.08 0.55 -4.12	14.95 0.52 -5.30	15.29 0.49 -5.50	13.78 0.71 0.00	13.86 0.67 0.00	14.83 0.58 0.00	15.56 0.68 0.00	16.12 0.72 0.00	17.24 0.68 0.00	19.09 0.84 0.00	20.25 0.89 0.00	23.59 1.19 0.00	28.68 1.62 0.00	33.58 1.81 -3.93	32.14 1.80 -2.64	30.88 1.74 -3.90	28.47 1.50 -4.30	21.35 1.25 0.00	19.56 1.02 0.00
CPV_VALLEY___CC1 323721	16.85 0.82 -0.56	14.94 0.58 -3.00	14.21 0.47 -4.61	13.52 0.48 -3.67	13.23 0.46 -3.52	12.88 0.47 -2.99	13.43 0.46 -3.85	13.79 0.49 -4.00	13.83 0.76 0.00	13.91 0.72 0.00	15.00 0.75 0.00	15.61 0.74 0.00	16.20 0.80 0.00	17.44 0.88 0.00	19.11 0.86 0.00	20.27 0.91 0.00	23.45 1.05 0.00	28.44 1.38 0.00	31.34 1.42 -2.08	30.46 1.36 -1.39	28.62 1.31 -2.06	26.14 1.20 -2.28	21.05 0.95 0.00	19.38 0.84 0.00

CPV_VALLEY___CC2 323722	16.85 0.82 -0.56	14.94 0.58 -3.00	14.21 0.47 -4.61	13.52 0.48 -3.67	13.23 0.46 -3.52	12.88 0.47 -2.99	13.43 0.46 -3.85	13.79 0.49 -4.00	13.83 0.76 0.00	13.91 0.72 0.00	15.00 0.75 0.00	15.61 0.74 0.00	16.20 0.80 0.00	17.44 0.88 0.00	19.11 0.86 0.00	20.27 0.91 0.00	23.45 1.05 0.00	28.44 1.38 0.00	31.34 1.42 -2.08	30.46 1.36 -1.39	28.62 1.31 -2.06	26.14 1.20 -2.28	21.05 0.95 0.00	19.38 0.84 0.00
CRESCENT___HYD 24018	17.10 0.79 -0.83	16.43 0.59 -4.47	16.49 0.48 -6.86	15.33 0.49 -5.47	14.98 0.49 -5.25	14.38 0.51 -4.46	15.35 0.48 -5.74	15.73 0.47 -5.96	13.75 0.68 0.00	13.83 0.65 0.00	14.92 0.67 0.00	15.57 0.70 0.00	16.12 0.72 0.00	17.34 0.78 0.00	19.11 0.86 0.00	20.29 0.93 0.00	23.54 1.14 0.00	28.46 1.41 0.00	35.55 1.47 -6.24	33.36 1.47 -4.19	32.80 1.36 -6.19	30.75 1.25 -6.84	21.23 1.13 0.00	19.51 0.96 0.00
CRICKET___VALLEY_CC1 323756	17.06 0.90 -0.68	15.68 0.65 -3.66	15.29 0.52 -5.62	14.40 0.54 -4.49	14.08 0.53 -4.30	13.61 0.54 -3.65	14.35 0.52 -4.70	14.72 0.54 -4.89	13.90 0.82 0.00	13.95 0.76 0.00	15.05 0.80 0.00	15.66 0.79 0.00	16.25 0.85 0.00	17.49 0.93 0.00	19.18 0.93 0.00	20.35 0.99 0.00	23.54 1.14 0.00	28.49 1.43 0.00	31.88 1.45 -2.59	30.86 1.41 -1.74	29.18 1.36 -2.57	26.75 1.25 -2.84	21.17 1.06 0.00	19.47 0.93 0.00
CRICKET___VALLEY_CC2 323757	17.06 0.90 -0.68	15.68 0.65 -3.66	15.29 0.52 -5.62	14.40 0.54 -4.49	14.08 0.53 -4.30	13.61 0.54 -3.65	14.35 0.52 -4.70	14.72 0.54 -4.89	13.90 0.82 0.00	13.95 0.76 0.00	15.05 0.80 0.00	15.66 0.79 0.00	16.25 0.85 0.00	17.49 0.93 0.00	19.18 0.93 0.00	20.35 0.99 0.00	23.54 1.14 0.00	28.49 1.43 0.00	31.88 1.45 -2.59	30.86 1.41 -1.74	29.18 1.36 -2.57	26.75 1.25 -2.84	21.17 1.06 0.00	19.47 0.93 0.00
CRICKET___VALLEY_CC3 323758	17.06 0.90 -0.68	15.68 0.65 -3.66	15.29 0.52 -5.62	14.40 0.54 -4.49	14.08 0.53 -4.30	13.61 0.54 -3.65	14.35 0.52 -4.70	14.72 0.54 -4.89	13.90 0.82 0.00	13.95 0.76 0.00	15.05 0.80 0.00	15.66 0.79 0.00	16.25 0.85 0.00	17.49 0.93 0.00	19.18 0.93 0.00	20.35 0.99 0.00	23.54 1.14 0.00	28.49 1.43 0.00	31.88 1.45 -2.59	30.86 1.41 -1.74	29.18 1.36 -2.57	26.75 1.25 -2.84	21.17 1.06 0.00	19.47 0.93 0.00
CRUCIBLE_METL_DRP 24180	15.64 0.09 -0.07	11.79 0.06 -0.37	9.76 0.05 -0.57	9.87 0.05 -0.45	9.72 0.04 -0.44	9.84 0.06 -0.37	9.65 0.05 -0.48	9.82 0.03 -0.50	13.11 0.04 0.00	13.25 0.07 0.00	14.36 0.11 0.00	14.99 0.12 0.00	15.52 0.12 0.00	16.68 0.12 0.00	18.38 0.13 0.00	19.50 0.14 0.00	22.54 0.13 0.00	27.14 0.08 0.00	28.21 0.14 -0.23	27.97 0.11 -0.16	25.62 0.15 -0.23	23.04 0.11 -0.25	20.23 0.12 0.00	18.71 0.17 0.00
DAHOWA___HYDRO 323763	17.41 1.08 -0.85	16.69 0.78 -4.54	16.75 0.63 -6.97	15.56 0.63 -5.56	15.22 0.64 -5.34	14.61 0.67 -4.53	15.59 0.63 -5.83	15.97 0.61 -6.06	13.94 0.86 0.00	14.04 0.86 0.00	15.09 0.84 0.00	15.81 0.94 0.00	16.39 0.99 0.00	17.54 0.98 0.00	19.42 1.17 0.00	20.64 1.28 0.00	24.08 1.68 0.00	29.11 2.06 0.00	36.98 2.28 -6.86	34.55 2.24 -4.60	34.20 2.14 -6.81	32.11 1.93 -7.52	21.77 1.67 0.00	20.01 1.46 0.00
DANC___LFGE 323619	15.61 0.09 -0.04	11.58 -0.02 -0.24	9.50 -0.01 -0.36	9.64 -0.02 -0.29	9.50 -0.02 -0.28	9.63 -0.02 -0.24	9.40 -0.03 -0.30	9.59 -0.02 -0.31	13.00 -0.08 0.00	13.14 -0.04 0.00	14.21 -0.04 0.00	14.84 -0.03 0.00	15.34 -0.06 0.00	16.50 -0.07 0.00	18.12 -0.13 0.00	19.25 -0.12 0.00	22.29 -0.11 0.00	27.00 -0.05 0.00	27.95 0.11 0.00	27.93 0.22 0.00	25.42 0.18 0.00	22.85 0.18 0.00	20.25 0.14 0.00	18.69 0.15 0.00
DANSKAMMER___1 23586	17.19 1.07 -0.64	15.55 0.74 -3.45	15.03 0.59 -5.30	14.21 0.62 -4.23	13.89 0.59 -4.05	13.47 0.61 -3.44	14.15 0.59 -4.43	14.52 0.62 -4.60	14.04 0.97 0.00	14.12 0.94 0.00	15.19 0.94 0.00	15.81 0.94 0.00	16.43 1.03 0.00	17.64 1.08 0.00	19.35 1.09 0.00	20.52 1.16 0.00	23.79 1.39 0.00	28.92 1.87 0.00	32.20 1.95 -2.41	31.18 1.86 -1.62	29.43 1.79 -2.39	26.92 1.61 -2.64	21.37 1.27 0.00	19.64 1.09 0.00
DANSKAMMER___2 23589	17.19 1.07 -0.64	15.55 0.74 -3.45	15.03 0.59 -5.30	14.21 0.62 -4.23	13.89 0.59 -4.05	13.47 0.61 -3.44	14.15 0.59 -4.43	14.52 0.62 -4.60	14.04 0.97 0.00	14.12 0.94 0.00	15.19 0.94 0.00	15.81 0.94 0.00	16.43 1.03 0.00	17.64 1.08 0.00	19.35 1.09 0.00	20.52 1.16 0.00	23.79 1.39 0.00	28.92 1.87 0.00	32.20 1.95 -2.41	31.18 1.86 -1.62	29.43 1.79 -2.39	26.92 1.61 -2.64	21.37 1.27 0.00	19.64 1.09 0.00
DANSKAMMER___3 23590	17.19 1.07 -0.64	15.55 0.74 -3.45	15.03 0.59 -5.30	14.21 0.62 -4.23	13.89 0.59 -4.05	13.47 0.61 -3.44	14.15 0.59 -4.43	14.52 0.62 -4.60	14.04 0.97 0.00	14.12 0.94 0.00	15.19 0.94 0.00	15.81 0.94 0.00	16.43 1.03 0.00	17.64 1.08 0.00	19.35 1.09 0.00	20.52 1.16 0.00	23.79 1.39 0.00	28.92 1.87 0.00	32.20 1.95 -2.41	31.18 1.86 -1.62	29.43 1.79 -2.39	26.92 1.61 -2.64	21.37 1.27 0.00	19.64 1.09 0.00
DANSKAMMER___4 23591	17.19 1.07 -0.64	15.55 0.74 -3.45	15.03 0.59 -5.30	14.21 0.62 -4.23	13.89 0.59 -4.05	13.47 0.61 -3.44	14.15 0.59 -4.43	14.52 0.62 -4.60	14.04 0.97 0.00	14.12 0.94 0.00	15.19 0.94 0.00	15.81 0.94 0.00	16.43 1.03 0.00	17.64 1.08 0.00	19.35 1.09 0.00	20.52 1.16 0.00	23.79 1.39 0.00	28.92 1.87 0.00	32.20 1.95 -2.41	31.18 1.86 -1.62	29.43 1.79 -2.39	26.92 1.61 -2.64	21.37 1.27 0.00	19.64 1.09 0.00
DANSKAMMER___DIESEL 23592	17.19 1.07 -0.64	15.55 0.74 -3.45	15.03 0.59 -5.30	14.21 0.62 -4.23	13.89 0.59 -4.05	13.47 0.61 -3.44	14.15 0.59 -4.43	14.52 0.62 -4.60	14.04 0.97 0.00	14.12 0.94 0.00	15.19 0.94 0.00	15.81 0.94 0.00	16.43 1.03 0.00	17.66 1.09 0.00	19.35 1.10 0.00	20.52 1.16 0.00	23.79 1.39 0.00	28.92 1.87 0.00	32.20 1.95 -2.41	31.18 1.86 -1.62	29.43 1.79 -2.39	26.92 1.61 -2.64	21.37 1.27 0.00	19.64 1.09 0.00
DARBY___SOLAR 323810	17.36 1.04 -0.85	16.65 0.75 -4.53	16.70 0.60 -6.96	15.52 0.60 -5.55	15.18 0.61 -5.32	14.58 0.64 -4.52	15.55 0.60 -5.82	15.93 0.59 -6.04	13.91 0.84 0.00	14.01 0.83 0.00	15.07 0.83 0.00	15.79 0.92 0.00	16.36 0.96 0.00	17.52 0.96 0.00	19.38 1.13 0.00	20.60 1.24 0.00	23.99 1.59 0.00	29.01 1.95 0.00	36.80 2.17 -6.78	34.36 2.10 -4.55	33.97 1.99 -6.74	31.90 1.79 -7.44	21.68 1.57 0.00	19.92 1.37 0.00
DASHVILLE___HYD 23610	17.03 0.90 -0.66	15.49 0.59 -3.54	15.05 0.48 -5.43	14.19 0.49 -4.33	13.86 0.46 -4.15	13.41 0.47 -3.53	14.14 0.47 -4.54	14.52 0.51 -4.72	14.02 0.94 0.00	14.07 0.88 0.00	15.13 0.88 0.00	15.69 0.82 0.00	16.32 0.92 0.00	17.56 0.99 0.00	19.16 0.91 0.00	20.35 0.99 0.00	23.59 1.19 0.00	28.68 1.62 0.00	32.03 1.45 -2.75	30.93 1.39 -1.84	29.36 1.39 -2.73	26.92 1.25 -3.01	21.25 1.15 0.00	19.55 1.00 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	17.90 1.78 -0.65	16.08 1.25 -3.46	15.52 1.06 -5.32	14.69 1.08 -4.24	14.27 0.96 -4.07	13.69 0.82 -3.45	14.53 0.96 -4.45	14.95 1.03 -4.62	14.23 1.15 0.00	14.29 1.11 0.00	15.56 1.31 0.00	16.39 1.52 0.00	17.08 1.68 0.00	18.40 1.84 0.00	20.08 1.83 0.00	21.38 2.01 0.00	24.89 2.46 -0.02	30.01 2.95 0.00	33.27 3.03 -2.39	32.25 2.94 -1.61	30.58 2.95 -2.38	27.85 2.56 -2.63	22.28 2.17 0.00	20.40 1.85 0.00
DELAWARE___LFGE 323621	16.37 0.62 -0.27	13.23 0.41 -1.45	11.70 0.33 -2.23	11.48 0.34 -1.78	11.29 0.33 -1.71	11.20 0.34 -1.45	11.32 0.33 -1.87	11.59 0.35 -1.94	13.60 0.52 0.00	13.74 0.55 0.00	14.85 0.60 0.00	15.47 0.59 0.00	16.03 0.63 0.00	17.26 0.70 0.00	18.94 0.69 0.00	20.12 0.76 0.00	23.27 0.87 0.00	28.17 1.11 0.00	30.70 1.11 -1.74	29.98 1.11 -1.17	28.03 1.06 -1.73	25.53 0.95 -1.91	20.91 0.80 0.00	19.29 0.74 0.00
DERFIELD_115KV_TB7 355931	15.57 0.09 0.00	11.42 0.06 0.00	9.19 0.05 0.00	9.41 0.05 0.00	9.29 0.05 0.00	9.46 0.05 0.00	9.17 0.05 0.00	9.34 0.05 0.00	13.14 0.07 0.00	13.25 0.07 0.00	14.32 0.07 0.00	14.93 0.06 0.00	15.48 0.08 0.00	16.65 0.08 0.00	18.32 0.07 0.00	19.44 0.08 0.00	22.49 0.09 0.00	27.17 0.11 0.00	27.95 0.11 0.00	27.82 0.11 0.00	25.37 0.13 0.00	22.78 0.11 0.00	20.21 0.10 0.00	18.64 0.09 0.00
DOGLEVILLE___HYD 23807	15.69 0.22 0.00	11.49 0.13 0.00	9.25 0.11 0.00	9.48 0.11 0.00	9.36 0.11 0.00	9.53 0.11 0.00	9.23 0.10 0.00	9.41 0.11 0.00	13.23 0.16 0.00	13.35 0.17 0.00	14.45 0.20 0.00	14.98 0.10 0.00	15.51 0.11 0.00	16.69 0.13 0.00	18.34 0.09 0.00	19.44 0.08 0.00	22.47 0.07 0.00	27.17 0.11 0.00	27.92 0.08 0.00	27.79 0.08 0.00	25.29 0.05 0.00	22.74 0.07 0.00	20.33 0.22 0.00	18.77 0.22 0.00
DUNKIRK___115KV_TB_200 55889	15.72 0.12 -0.12	12.25 0.26 -0.63	10.36 0.26 -0.96	10.44 0.31 -0.77	10.30 0.31 -0.74	10.42 0.38 -0.62	10.27 0.34 -0.80	10.35 0.22 -0.84	13.43 0.35 0.00	13.53 0.34 0.00	14.73 0.48 0.00	15.50 0.62 0.00	15.94 0.54 0.00	17.09 0.53 0.00	18.74 0.49 0.00	19.75 0.39 0.00	22.60 0.20 0.00	26.81 -0.24 0.00	28.11 -0.17 -0.44	27.66 -0.33 -0.29	25.83 0.15 -0.43	23.19 0.05 -0.48	20.57 0.46 0.00	19.23 0.69 0.00
DUNKIRK___1 23563	15.72 0.12 -0.12	12.25 0.26 -0.63	10.36 0.26 -0.96	10.44 0.31 -0.77	10.30 0.31 -0.74	10.42 0.38 -0.62	10.27 0.34 -0.80	10.35 0.22 -0.84	13.43 0.35 0.00	13.53 0.34 0.00	14.73 0.48 0.00	15.50 0.62 0.00	15.94 0.54 0.00	17.09 0.53 0.00	18.74 0.49 0.00	19.75 0.39 0.00	22.60 0.20 0.00	26.81 -0.24 0.00	28.11 -0.17 -0.44	27.66 -0.33 -0.29	25.83 0.15 -0.43	23.19 0.05 -0.48	20.57 0.46 0.00	19.23 0.69 0.00
DUNKIRK___2 23564	15.72 0.12 -0.12	12.25 0.26 -0.63	10.36 0.26 -0.96	10.44 0.31 -0.77	10.30 0.31 -0.74	10.42 0.38 -0.62	10.27 0.34 -0.80	10.35 0.22 -0.84	13.43 0.35 0.00	13.53 0.34 0.00	14.73 0.48 0.00	15.50 0.62 0.00	15.94 0.54 0.00	17.09 0.53 0.00	18.74 0.49 0.00	19.75 0.39 0.00	22.60 0.20 0.00	26.81 -0.24 0.00	28.11 -0.17 -0.44	27.66 -0.33 -0.29	25.83 0.15 -0.43	23.19 0.05 -0.48	20.57 0.46 0.00	19.23 0.69 0.00
DUNKIRK___3 23565	15.62 0.03 -0.12	12.17 0.18 -0.62	10.30 0.20 -0.96	10.37 0.24 -0.76	10.23 0.25 -0.73	10.34 0.30 -0.62	10.19 0.26 -0.80	10.27 0.14 -0.83	13.32 0.25 0.00	13.42 0.24 0.00	14.60 0.36 0.00	15.36 0.49 0.00	15.82 0.42 0.00	16.94 0.38 0.00	18.58 0.33 0.00	19.60 0.23 0.00	22.49 0.09 0.00	26.65 -0.41 0.00	27.94 -0.33 -0.43	27.52 -0.47 -0.29	25.70 0.03 -0.43	23.09 -0.05 -0.47	20.47 0.36 0.00	19.18 0.63 0.00
DUNKIRK___4 23566	15.62 0.03 -0.12	12.17 0.18 -0.62	10.30 0.20 -0.96	10.37 0.24 -0.76	10.23 0.25 -0.73	10.34 0.30 -0.62	10.19 0.26 -0.80	10.27 0.14 -0.83	13.32 0.25 0.00	13.42 0.24 0.00	14.60 0.36 0.00	15.36 0.49 0.00	15.82 0.42 0.00	16.94 0.38 0.00	18.58 0.33 0.00	19.60 0.23 0.00	22.49 0.09 0.00	26.65 -0.41 0.00	27.94 -0.33 -0.43	27.52 -0.47 -0.29	25.70 0.03 -0.43	23.09 -0.05 -0.47	20.47 0.36 0.00	19.18 0.63 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	17.25 1.13 -0.65	15.62 0.80 -3.46	15.09 0.63 -5.31	14.25 0.65 -4.24	13.93 0.62 -4.07	13.50 0.63 -3.45	14.19 0.62 -4.45	14.59 0.68 -4.62	14.12 1.05 0.00	14.19 1.00 0.00	15.29 1.04 0.00	15.91 1.04 0.00	16.54 1.14 0.00	17.82 1.26 0.00	19.47 1.22 0.00	20.66 1.30 0.00	23.90 1.50 0.00	29.03 1.98 0.00	32.21 1.98 -2.39	31.20 1.88 -1.61	29.46 1.84 -2.38	26.95 1.65 -2.62	21.41 1.31 0.00	19.70 1.15 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	17.09 0.99 -0.62	15.40 0.69 -3.35	14.83 0.55 -5.14	14.03 0.56 -4.10	13.72 0.55 -3.93	13.31 0.56 -3.34	13.97 0.55 -4.30	14.34 0.59 -4.46	13.98 0.90 0.00	14.04 0.86 0.00	15.13 0.88 0.00	15.73 0.86 0.00	16.36 0.95 0.00	17.59 1.03 0.00	19.25 1.00 0.00	20.43 1.06 0.00	23.68 1.28 0.00	28.76 1.70 0.00	31.91 1.73 -2.34	30.94 1.66 -1.57	29.18 1.62 -2.32	26.69 1.45 -2.57	21.25 1.15 0.00	19.55 1.00 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	17.55 1.42 -0.65	15.93 1.09 -3.47	15.33 0.86 -5.32	14.49 0.87 -4.25	14.15 0.83 -4.07	13.60 0.73 -3.45	14.15 0.57 -4.44	14.43 0.52 -4.62	13.78 0.71 0.00	13.83 0.65 0.00	15.26 1.01 0.00	15.85 0.98 0.00	16.49 1.09 0.00	17.79 1.23 0.00	19.38 1.13 0.00	20.56 1.20 0.00	23.72 1.32 0.00	28.92 1.87 0.00	32.10 1.87 -2.39	31.09 1.77 -1.61	29.34 1.72 -2.38	26.86 1.56 -2.62	21.37 1.27 0.00	19.90 1.35 0.00
E179THST_13_KV_LOAD 356214	17.60 1.47 -0.65	15.96 1.13 -3.47	15.35 0.89 -5.32	14.51 0.90 -4.25	14.18 0.86 -4.07	13.63 0.76 -3.45	14.18 0.61 -4.44	14.46 0.55 -4.62	13.83 0.76 0.00	13.88 0.70 0.00	15.32 1.07 0.00	15.91 1.04 0.00	16.56 1.16 0.00	17.85 1.29 0.00	19.45 1.20 0.00	20.64 1.28 0.00	23.81 1.41 0.00	29.06 2.00 0.00	32.24 2.00 -2.39	31.22 1.91 -1.61	29.44 1.82 -2.38	26.95 1.65 -2.62	21.43 1.33 0.00	19.97 1.43 0.00
EAST HAMPTON___GT 23717	18.11 1.98 -0.65	16.23 1.40 -3.46	15.64 1.18 -5.32	14.81 1.20 -4.24	14.39 1.07 -4.07	13.80 0.93 -3.45	14.65 1.08 -4.45	15.07 1.15 -4.62	14.40 1.32 0.00	14.46 1.28 0.00	15.74 1.50 0.00	16.60 1.72 -0.01	17.30 1.89 -0.01	18.62 2.05 -0.01	20.32 2.06 -0.01	21.65 2.28 -0.01	25.20 2.78 -0.02	30.42 3.35 -0.01	33.69 3.45 -2.40	32.67 3.35 -1.62	30.99 3.36 -2.39	28.23 2.93 -2.63	22.59 2.47 -0.01	20.67 2.11 -0.01
EAST RIVER___6 23660	17.31 1.19 -0.65	15.67 0.84 -3.46	15.12 0.66 -5.31	14.31 0.70 -4.24	13.99 0.67 -4.07	13.56 0.69 -3.45	14.23 0.66 -4.44	14.65 0.73 -4.62	14.23 1.15 0.00	14.25 1.07 0.00	15.34 1.10 0.00	15.96 1.09 0.00	16.59 1.19 0.00	17.87 1.31 0.00	19.51 1.26 0.00	20.68 1.32 0.00	23.86 1.46 0.00	29.06 2.00 0.00	32.24 2.01 -2.39	31.22 1.91 -1.61	29.46 1.84 -2.38	26.95 1.65 -2.62	21.37 1.27 0.00	19.70 1.15 0.00

EAST RIVER___7 23524	17.31 1.19 -0.65	15.67 0.84 -3.46	15.12 0.66 -5.31	14.31 0.70 -4.24	13.99 0.67 -4.07	13.56 0.69 -3.45	14.23 0.66 -4.44	14.65 0.73 -4.62	14.23 1.15 0.00	14.25 1.07 0.00	15.34 1.10 0.00	15.96 1.09 0.00	16.59 1.19 0.00	17.87 1.31 0.00	19.51 1.26 0.00	20.68 1.32 0.00	23.86 1.46 0.00	29.06 2.00 0.00	32.24 2.01 -2.39	31.22 1.91 -1.61	29.46 1.84 -2.38	26.95 1.65 -2.62	21.37 1.27 0.00	19.70 1.15 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	17.22 1.10 -0.64	15.60 0.78 -3.46	15.07 0.62 -5.30	14.24 0.64 -4.23	13.92 0.62 -4.06	13.48 0.62 -3.45	14.17 0.61 -4.44	14.56 0.66 -4.61	14.09 1.02 0.00	14.15 0.96 0.00	15.26 1.01 0.00	15.87 1.00 0.00	16.49 1.09 0.00	17.77 1.21 0.00	19.44 1.19 0.00	20.62 1.26 0.00	23.86 1.46 0.00	28.95 1.89 0.00	32.15 1.92 -2.39	31.14 1.83 -1.60	29.41 1.79 -2.37	26.90 1.61 -2.62	21.37 1.27 0.00	19.68 1.13 0.00
EAST_HAMPTON___DIESEL 23722	18.11 1.98 -0.65	16.23 1.40 -3.46	15.64 1.18 -5.32	14.81 1.20 -4.24	14.39 1.07 -4.07	13.80 0.93 -3.45	14.65 1.08 -4.45	15.07 1.15 -4.62	14.40 1.32 0.00	14.46 1.28 0.00	15.74 1.50 0.00	16.60 1.72 -0.01	17.30 1.89 -0.01	18.62 2.05 -0.01	20.32 2.06 -0.01	21.67 2.30 -0.01	25.20 2.78 -0.02	30.42 3.35 -0.01	33.69 3.45 -2.40	32.67 3.35 -1.62	30.99 3.36 -2.39	28.23 2.93 -2.63	22.59 2.47 -0.01	20.67 2.11 -0.01
EAST_PULASKI___ESR 323781	15.53 0.00 -0.05	11.59 -0.05 -0.27	9.52 -0.04 -0.41	9.66 -0.04 -0.33	9.52 -0.04 -0.32	9.66 -0.03 -0.27	9.43 -0.05 -0.35	9.61 -0.05 -0.36	12.98 -0.09 0.00	13.12 -0.07 0.00	14.19 -0.06 0.00	14.81 -0.06 0.00	15.32 -0.08 0.00	16.48 -0.08 0.00	18.12 -0.13 0.00	19.23 -0.14 0.00	22.24 -0.16 0.00	26.84 -0.22 0.00	27.70 -0.14 0.00	27.62 -0.08 0.00	25.19 -0.05 0.00	22.65 -0.02 0.00	20.11 0.00 0.00	18.58 0.04 0.00
EAST_RIVER___1 323558	17.33 1.21 -0.65	15.69 0.86 -3.46	15.13 0.68 -5.31	14.32 0.71 -4.24	13.99 0.67 -4.07	13.56 0.69 -3.45	14.24 0.67 -4.44	14.65 0.73 -4.62	14.21 1.14 0.00	14.25 1.07 0.00	15.37 1.13 0.00	15.96 1.09 0.00	16.59 1.19 0.00	17.87 1.31 0.00	19.51 1.26 0.00	20.70 1.34 0.00	23.90 1.50 0.00	29.06 2.00 0.00	32.24 2.01 -2.39	31.25 1.94 -1.61	29.49 1.87 -2.38	26.99 1.70 -2.62	21.43 1.33 0.00	19.75 1.20 0.00
EAST_RIVER___2 323559	17.31 1.19 -0.65	15.67 0.84 -3.46	15.12 0.66 -5.31	14.31 0.70 -4.24	13.99 0.67 -4.07	13.56 0.69 -3.45	14.23 0.66 -4.44	14.65 0.73 -4.62	14.23 1.15 0.00	14.25 1.07 0.00	15.34 1.10 0.00	15.96 1.09 0.00	16.59 1.19 0.00	17.87 1.31 0.00	19.51 1.26 0.00	20.68 1.32 0.00	23.86 1.46 0.00	29.06 2.00 0.00	32.24 2.01 -2.39	31.22 1.91 -1.61	29.46 1.84 -2.38	26.95 1.65 -2.62	21.37 1.27 0.00	19.70 1.15 0.00
EAST___DELAWARE_HYD 23607	16.64 0.59 -0.58	14.81 0.34 -3.11	14.18 0.27 -4.77	13.46 0.29 -3.80	13.15 0.26 -3.65	12.79 0.27 -3.10	13.39 0.27 -3.99	13.75 0.32 -4.14	13.60 0.52 0.00	13.67 0.49 0.00	14.69 0.44 0.00	15.38 0.51 0.00	15.99 0.59 0.00	16.79 0.23 0.00	18.38 0.13 0.00	19.50 0.14 0.00	22.62 0.22 0.00	27.52 0.46 0.00	30.66 0.56 -2.26	29.72 0.50 -1.52	28.04 0.55 -2.25	26.14 1.00 -2.48	20.67 0.56 0.00	18.99 0.44 0.00
EIGHT_POINT___WT_PWR 323820	16.06 0.45 -0.14	12.50 0.40 -0.74	10.62 0.34 -1.13	10.64 0.36 -0.91	10.48 0.37 -0.87	10.58 0.42 -0.74	10.46 0.38 -0.95	10.57 0.29 -0.99	13.51 0.43 0.00	13.62 0.43 0.00	14.80 0.56 0.00	15.50 0.62 0.00	15.99 0.59 0.00	17.14 0.58 0.00	18.85 0.60 0.00	19.94 0.58 0.00	22.96 0.56 0.00	27.44 0.38 0.00	28.89 0.53 -0.52	28.47 0.42 -0.35	26.46 0.71 -0.51	23.80 0.57 -0.57	20.89 0.78 0.00	19.53 0.98 0.00
ELBRIDGE_115KV_TB2 80188	15.59 0.05 -0.07	11.79 0.03 -0.39	9.77 0.03 -0.60	9.87 0.02 -0.48	9.73 0.02 -0.46	9.84 0.04 -0.39	9.66 0.03 -0.50	9.83 0.01 -0.52	13.09 0.01 0.00	13.21 0.03 0.00	14.30 0.06 0.00	14.98 0.10 0.00	15.49 0.09 0.00	16.65 0.08 0.00	18.34 0.09 0.00	19.46 0.10 0.00	22.49 0.09 0.00	27.08 0.03 0.00	28.14 0.06 -0.25	27.90 0.03 -0.17	25.59 0.10 -0.25	23.03 0.09 -0.27	20.19 0.08 0.00	18.68 0.13 0.00
ELEC_TRO_TEK 24086	17.54 1.42 -0.65	15.82 0.99 -3.46	15.25 0.80 -5.32	14.42 0.81 -4.24	14.07 0.76 -4.07	13.58 0.72 -3.45	14.31 0.74 -4.45	14.72 0.81 -4.62	14.17 1.10 0.00	14.24 1.05 0.00	15.46 1.21 0.00	16.17 1.29 0.00	16.80 1.40 0.00	18.09 1.52 0.00	19.78 1.53 0.00	20.97 1.61 0.00	24.26 1.84 -0.02	29.44 2.38 0.00	32.63 2.39 -2.39	31.64 2.33 -1.61	29.84 2.22 -2.38	27.31 2.02 -2.63	21.78 1.67 0.00	20.05 1.50 0.00
ELLENBURG_WT_PWR 323604	15.03 -0.45 0.00	11.07 -0.30 0.00	8.89 -0.26 0.00	9.09 -0.28 0.00	8.98 -0.27 0.00	9.10 -0.31 0.00	8.86 -0.26 0.00	9.08 -0.21 0.00	12.79 -0.29 0.00	12.93 -0.25 0.00	13.98 -0.27 0.00	14.60 -0.27 0.00	15.09 -0.31 0.00	16.20 -0.36 0.00	17.90 -0.35 0.00	18.96 -0.41 0.00	21.95 -0.45 0.00	26.54 -0.51 0.00	27.42 -0.42 0.00	27.34 -0.36 0.00	24.71 -0.53 0.00	22.12 -0.54 0.00	19.66 -0.44 0.00	18.14 -0.41 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	15.46 -0.12 -0.11	12.02 0.07 -0.59	10.16 0.11 -0.91	10.24 0.15 -0.73	10.10 0.16 -0.70	10.21 0.21 -0.59	10.05 0.16 -0.76	10.11 0.02 -0.79	13.07 0.00 0.00	13.16 -0.03 0.00	14.35 0.10 0.00	15.08 0.21 0.00	15.51 0.11 0.00	16.63 0.07 0.00	18.27 0.02 0.00	19.25 -0.12 0.00	22.11 -0.29 0.00	26.16 -0.89 0.00	27.41 -0.84 -0.40	27.01 -0.97 -0.27	25.24 -0.40 -0.40	22.70 -0.41 -0.44	20.21 0.10 0.00	18.97 0.43 0.00
EMPIRE_CC_1 323656	16.87 0.60 -0.79	16.07 0.47 -4.24	16.02 0.38 -6.50	14.95 0.39 -5.19	14.61 0.39 -4.98	14.04 0.40 -4.23	14.95 0.38 -5.44	15.32 0.37 -5.65	13.61 0.54 0.00	13.68 0.50 0.00	14.76 0.51 0.00	15.38 0.51 0.00	15.94 0.54 0.00	17.14 0.58 0.00	18.87 0.62 0.00	20.02 0.66 0.00	23.10 0.70 0.00	27.95 0.89 0.00	32.28 0.92 -3.52	30.96 0.89 -2.36	29.57 0.83 -3.50	27.30 0.77 -3.86	20.91 0.81 0.00	19.21 0.67 0.00
EMPIRE_CC_2 323658	16.87 0.60 -0.79	16.07 0.47 -4.24	16.02 0.38 -6.50	14.95 0.39 -5.19	14.61 0.39 -4.98	14.04 0.40 -4.23	14.95 0.38 -5.44	15.32 0.37 -5.65	13.61 0.54 0.00	13.68 0.50 0.00	14.76 0.51 0.00	15.38 0.51 0.00	15.94 0.54 0.00	17.14 0.58 0.00	18.87 0.62 0.00	20.02 0.66 0.00	23.10 0.70 0.00	27.95 0.89 0.00	32.28 0.92 -3.52	30.96 0.89 -2.36	29.57 0.83 -3.50	27.30 0.77 -3.86	20.91 0.81 0.00	19.21 0.67 0.00
ENORWICH_115KV_TB1 80156	16.96 1.28 -0.20	13.18 0.74 -1.08	11.40 0.60 -1.65	11.28 0.60 -1.32	11.09 0.58 -1.26	11.09 0.60 -1.07	11.08 0.57 -1.38	11.36 0.63 -1.43	13.89 0.81 0.00	14.08 0.90 0.00	15.23 0.98 0.00	15.82 0.95 0.00	16.36 0.95 0.00	17.67 1.11 0.00	19.33 1.08 0.00	20.58 1.22 0.00	23.95 1.55 0.00	29.09 2.03 0.00	31.10 2.28 -0.98	30.77 2.41 -0.66	28.39 2.17 -0.97	25.58 1.84 -1.07	21.76 1.65 0.00	20.12 1.58 0.00

ERIE_ST__34_KV_TB1-2 80199	15.37 -0.22 -0.11	11.98 0.00 -0.61	10.13 0.05 -0.94	10.19 0.07 -0.75	10.05 0.08 -0.72	10.16 0.13 -0.61	10.02 0.10 -0.79	10.08 -0.04 -0.82	13.18 0.10 0.00	13.28 0.09 0.00	14.46 0.21 0.00	15.20 0.33 0.00	15.65 0.25 0.00	16.78 0.22 0.00	18.41 0.16 0.00	19.42 0.06 0.00	22.31 -0.09 0.00	26.49 -0.57 0.00	27.79 -0.47 -0.42	27.35 -0.64 -0.28	25.54 -0.13 -0.42	22.93 -0.20 -0.46	20.39 0.28 0.00	19.12 0.57 0.00
ERIE_WT_PWR 323693	15.51 -0.08 -0.11	12.07 0.10 -0.61	10.20 0.13 -0.93	10.27 0.16 -0.74	10.13 0.18 -0.71	10.25 0.23 -0.61	10.09 0.18 -0.78	10.15 0.05 -0.81	13.15 0.08 0.00	13.25 0.07 0.00	14.43 0.18 0.00	15.17 0.30 0.00	15.62 0.22 0.00	16.73 0.17 0.00	18.38 0.13 0.00	19.36 0.00 0.00	22.24 -0.16 0.00	26.38 -0.68 0.00	27.61 -0.64 -0.41	27.18 -0.80 -0.28	25.43 -0.23 -0.41	22.85 -0.27 -0.45	20.35 0.24 0.00	19.10 0.56 0.00
ESPRGFLD_115KV_TB1 80157	16.25 0.90 0.12	11.30 0.57 0.63	8.64 0.47 0.97	9.05 0.46 0.78	8.96 0.46 0.74	9.26 0.48 0.63	8.78 0.47 0.81	8.95 0.49 0.84	13.78 0.71 0.00	13.94 0.75 0.00	15.06 0.81 0.00	15.75 0.88 0.00	16.29 0.89 0.00	17.56 0.99 0.00	19.29 1.04 0.00	20.52 1.16 0.00	23.83 1.43 0.00	28.92 1.87 0.00	34.77 2.00 -4.93	33.04 2.02 -3.31	32.00 1.87 -4.89	29.73 1.65 -5.40	21.43 1.33 0.00	19.75 1.21 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	16.09 0.46 -0.15	12.45 0.30 -0.79	10.60 0.24 -1.22	10.58 0.24 -0.97	10.42 0.24 -0.93	10.47 0.26 -0.79	10.39 0.25 -1.02	10.59 0.23 -1.06	13.38 0.30 0.00	13.50 0.32 0.00	14.60 0.36 0.00	15.24 0.37 0.00	15.77 0.37 0.00	16.96 0.40 0.00	18.65 0.40 0.00	19.83 0.46 0.00	22.96 0.56 0.00	27.71 0.65 0.00	29.23 0.81 -0.58	28.90 0.80 -0.39	26.63 0.81 -0.58	24.01 0.70 -0.64	20.75 0.64 0.00	19.19 0.65 0.00
ETNA____115KV_TB2 80207	16.09 0.46 -0.15	12.45 0.30 -0.79	10.60 0.24 -1.22	10.58 0.24 -0.97	10.42 0.24 -0.93	10.47 0.26 -0.79	10.39 0.25 -1.02	10.59 0.23 -1.06	13.38 0.30 0.00	13.50 0.32 0.00	14.60 0.36 0.00	15.24 0.37 0.00	15.77 0.37 0.00	16.96 0.40 0.00	18.65 0.40 0.00	19.83 0.46 0.00	22.96 0.56 0.00	27.71 0.65 0.00	29.23 0.81 -0.58	28.90 0.80 -0.39	26.63 0.81 -0.58	24.01 0.70 -0.64	20.75 0.64 0.00	19.19 0.65 0.00
EUCLID____115KV_TB2 356179	15.49 -0.05 -0.06	11.63 -0.05 -0.31	9.59 -0.04 -0.48	9.71 -0.04 -0.38	9.58 -0.04 -0.37	9.70 -0.03 -0.31	9.49 -0.04 -0.40	9.66 -0.06 -0.42	12.98 -0.09 0.00	13.12 -0.07 0.00	14.20 -0.04 0.00	14.83 -0.04 0.00	15.35 -0.05 0.00	16.51 -0.05 0.00	18.18 -0.07 0.00	19.29 -0.08 0.00	22.29 -0.11 0.00	26.84 -0.22 0.00	27.65 -0.19 0.00	27.48 -0.22 0.00	25.12 -0.13 0.00	22.55 -0.11 0.00	20.05 -0.06 0.00	18.53 -0.02 0.00
E_CANADA_CAP_HY 24051	17.57 1.07 -1.03	17.58 0.72 -5.50	18.17 0.59 -8.44	16.67 0.57 -6.74	16.28 0.57 -6.46	15.51 0.61 -5.48	16.77 0.58 -7.06	17.21 0.59 -7.33	13.89 0.81 0.00	14.03 0.84 0.00	15.13 0.88 0.00	15.85 0.98 0.00	16.40 1.00 0.00	17.62 1.06 0.00	19.45 1.20 0.00	20.72 1.35 0.00	24.13 1.72 0.00	29.30 2.24 0.00	36.39 2.48 -6.07	34.28 2.49 -4.08	33.62 2.35 -6.03	31.39 2.06 -6.66	21.77 1.67 0.00	20.01 1.46 0.00
E_CANADA_MHWK_HY 24050	15.69 0.22 0.00	11.49 0.13 0.00	9.25 0.11 0.00	9.48 0.11 0.00	9.36 0.11 0.00	9.53 0.11 0.00	9.23 0.10 0.00	9.41 0.11 0.00	13.23 0.16 0.00	13.35 0.17 0.00	14.45 0.20 0.00	14.98 0.10 0.00	15.51 0.11 0.00	16.69 0.13 0.00	18.34 0.09 0.00	19.44 0.08 0.00	22.47 0.07 0.00	27.17 0.11 0.00	27.92 0.08 0.00	27.79 0.08 0.00	25.29 0.05 0.00	22.74 0.07 0.00	20.33 0.22 0.00	18.77 0.22 0.00
E_FISHKILL____LBMP 23776	17.14 1.01 -0.66	15.61 0.72 -3.53	15.13 0.57 -5.42	14.27 0.58 -4.32	13.95 0.56 -4.15	13.51 0.57 -3.52	14.21 0.56 -4.53	14.60 0.59 -4.71	13.99 0.92 0.00	14.05 0.87 0.00	15.16 0.91 0.00	15.76 0.89 0.00	16.37 0.97 0.00	17.64 1.08 0.00	19.31 1.06 0.00	20.49 1.12 0.00	23.70 1.30 0.00	28.76 1.70 0.00	32.01 1.73 -2.44	30.98 1.63 -1.64	29.26 1.59 -2.42	26.79 1.45 -2.68	21.27 1.17 0.00	19.57 1.02 0.00
FALCON____SEABRD_CC1 323796	15.15 -0.33 0.00	11.16 -0.20 0.00	8.96 -0.18 0.00	9.16 -0.21 0.00	9.05 -0.19 0.00	9.18 -0.24 0.00	8.94 -0.18 0.00	9.17 -0.13 0.00	12.92 -0.16 0.00	13.06 -0.12 0.00	14.11 -0.14 0.00	14.77 -0.10 0.00	15.26 -0.14 0.00	16.36 -0.20 0.00	18.09 -0.16 0.00	19.15 -0.21 0.00	22.20 -0.20 0.00	26.81 -0.24 0.00	27.73 -0.11 0.00	27.65 -0.06 0.00	24.99 -0.25 0.00	22.37 -0.30 0.00	19.87 -0.24 0.00	18.32 -0.22 0.00
FALCON____SEABRD_CC2 323797	15.15 -0.33 0.00	11.16 -0.20 0.00	8.96 -0.18 0.00	9.16 -0.21 0.00	9.05 -0.19 0.00	9.18 -0.24 0.00	8.94 -0.18 0.00	9.17 -0.13 0.00	12.92 -0.16 0.00	13.06 -0.12 0.00	14.11 -0.14 0.00	14.77 -0.10 0.00	15.26 -0.14 0.00	16.36 -0.20 0.00	18.09 -0.16 0.00	19.15 -0.21 0.00	22.20 -0.20 0.00	26.81 -0.24 0.00	27.73 -0.11 0.00	27.65 -0.06 0.00	24.99 -0.25 0.00	22.37 -0.30 0.00	19.87 -0.24 0.00	18.32 -0.22 0.00
FAR ROCKAWAY____4 23548	17.76 1.64 -0.65	15.96 1.14 -3.46	15.38 0.92 -5.32	14.54 0.94 -4.24	14.18 0.87 -4.07	13.71 0.84 -3.45	14.43 0.86 -4.45	14.83 0.92 -4.62	14.33 1.26 0.00	14.41 1.23 0.00	15.66 1.41 0.00	16.36 1.49 0.00	16.99 1.59 0.00	18.32 1.76 0.00	20.02 1.77 0.00	21.24 1.88 0.00	24.57 2.15 -0.02	29.82 2.76 0.00	33.02 2.78 -2.39	32.03 2.72 -1.61	30.25 2.63 -2.38	27.65 2.36 -2.63	22.12 2.01 0.00	20.34 1.80 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	17.34 1.22 -0.65	15.70 0.88 -3.46	15.14 0.69 -5.31	14.32 0.71 -4.24	14.00 0.68 -4.07	13.56 0.69 -3.45	14.24 0.67 -4.44	14.66 0.74 -4.62	14.21 1.14 0.00	14.26 1.08 0.00	15.37 1.13 0.00	15.97 1.10 0.00	16.60 1.20 0.00	17.89 1.33 0.00	19.53 1.28 0.00	20.72 1.36 0.00	23.92 1.52 0.00	29.11 2.06 0.00	32.27 2.03 -2.39	31.28 1.97 -1.61	29.51 1.89 -2.38	27.02 1.72 -2.62	21.45 1.35 0.00	19.77 1.22 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	17.34 1.22 -0.65	15.70 0.88 -3.46	15.14 0.69 -5.31	14.32 0.71 -4.24	14.00 0.68 -4.07	13.56 0.69 -3.45	14.24 0.67 -4.44	14.66 0.74 -4.62	14.21 1.14 0.00	14.26 1.08 0.00	15.37 1.13 0.00	15.97 1.10 0.00	16.60 1.20 0.00	17.89 1.33 0.00	19.53 1.28 0.00	20.72 1.36 0.00	23.92 1.52 0.00	29.11 2.06 0.00	32.27 2.03 -2.39	31.28 1.97 -1.61	29.51 1.89 -2.38	27.02 1.72 -2.62	21.45 1.35 0.00	19.77 1.22 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	17.34 1.22 -0.65	15.70 0.88 -3.46	15.13 0.68 -5.31	14.31 0.70 -4.24	13.99 0.67 -4.07	13.56 0.69 -3.45	14.24 0.67 -4.44	14.65 0.73 -4.62	14.21 1.14 0.00	14.26 1.08 0.00	15.37 1.13 0.00	15.96 1.09 0.00	16.59 1.19 0.00	17.89 1.33 0.00	19.53 1.28 0.00	20.70 1.34 0.00	23.90 1.50 0.00	29.09 2.03 0.00	32.24 2.00 -2.39	31.25 1.94 -1.61	29.49 1.87 -2.38	26.99 1.70 -2.62	21.45 1.35 0.00	19.75 1.21 0.00

FARRAGUT___LBMP 323566	17.33 1.21 -0.65	15.69 0.86 -3.46	15.13 0.68 -5.31	14.31 0.70 -4.24	13.99 0.67 -4.07	13.55 0.68 -3.45	14.23 0.66 -4.44	14.65 0.73 -4.62	14.20 1.12 0.00	14.25 1.07 0.00	15.36 1.11 0.00	15.96 1.09 0.00	16.57 1.17 0.00	17.87 1.31 0.00	19.51 1.26 0.00	20.70 1.34 0.00	23.90 1.50 0.00	29.06 2.00 0.00	32.24 2.00 -2.39	31.22 1.91 -1.61	29.49 1.87 -2.38	26.97 1.68 -2.62	21.43 1.33 0.00	19.75 1.21 0.00
FENNER___WINDPWR 24204	15.90 0.34 -0.08	11.99 0.19 -0.44	9.97 0.16 -0.67	10.06 0.16 -0.53	9.90 0.15 -0.51	10.01 0.16 -0.43	9.83 0.15 -0.56	10.03 0.16 -0.58	13.28 0.21 0.00	13.43 0.25 0.00	14.53 0.28 0.00	15.12 0.25 0.00	15.66 0.26 0.00	16.86 0.30 0.00	18.54 0.29 0.00	19.69 0.33 0.00	22.80 0.40 0.00	27.57 0.51 0.00	28.73 0.61 -0.28	28.50 0.61 -0.19	26.08 0.55 -0.28	23.45 0.48 -0.31	20.57 0.46 0.00	19.01 0.46 0.00
FIBERTEK___ENERGY 23856	15.64 0.09 -0.07	11.79 0.06 -0.37	9.76 0.05 -0.57	9.87 0.05 -0.45	9.72 0.04 -0.44	9.84 0.06 -0.37	9.65 0.05 -0.48	9.82 0.03 -0.50	13.11 0.04 0.00	13.25 0.07 0.00	14.36 0.11 0.00	14.99 0.12 0.00	15.52 0.12 0.00	16.68 0.12 0.00	18.38 0.13 0.00	19.50 0.14 0.00	22.54 0.13 0.00	27.14 0.08 0.00	28.21 0.14 -0.23	27.97 0.11 -0.16	25.62 0.15 -0.23	23.04 0.11 -0.25	20.23 0.12 0.00	18.71 0.17 0.00
FITZPATRICK____ 23598	15.24 -0.28 -0.04	11.38 -0.20 -0.22	9.32 -0.16 -0.34	9.47 -0.17 -0.28	9.34 -0.17 -0.26	9.48 -0.16 -0.22	9.25 -0.16 -0.29	9.42 -0.18 -0.30	12.81 -0.26 0.00	12.92 -0.26 0.00	13.99 -0.26 0.00	14.60 -0.27 0.00	15.11 -0.29 0.00	16.25 -0.32 0.00	17.90 -0.35 0.00	18.99 -0.37 0.00	21.95 -0.45 0.00	26.46 -0.60 0.00	27.25 -0.59 0.00	27.10 -0.61 0.00	24.74 -0.50 0.00	22.22 -0.45 0.00	19.75 -0.36 0.00	18.25 -0.30 0.00
FLOWRFLD_69_KV_BK1 356044	17.73 1.61 -0.65	15.94 1.11 -3.46	15.38 0.92 -5.32	14.54 0.94 -4.24	14.16 0.85 -4.07	13.62 0.75 -3.45	14.41 0.84 -4.45	14.82 0.90 -4.62	14.15 1.07 0.00	14.23 1.04 0.00	15.47 1.23 0.00	16.28 1.41 0.00	16.97 1.57 0.00	18.30 1.74 0.00	19.98 1.73 0.00	21.26 1.90 0.00	24.69 2.26 -0.03	29.79 2.73 0.00	33.02 2.78 -2.39	32.00 2.69 -1.61	30.30 2.68 -2.38	27.65 2.36 -2.63	22.06 1.95 0.00	20.23 1.69 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	17.22 1.10 -0.65	15.58 0.75 -3.46	15.07 0.61 -5.32	14.24 0.63 -4.24	13.91 0.60 -4.07	13.49 0.62 -3.45	14.17 0.60 -4.45	14.55 0.63 -4.62	14.07 0.99 0.00	14.13 0.95 0.00	15.20 0.95 0.00	15.82 0.95 0.00	16.45 1.05 0.00	17.67 1.11 0.00	19.36 1.11 0.00	20.54 1.18 0.00	23.83 1.43 0.00	28.98 1.92 0.00	32.23 1.98 -2.42	31.21 1.88 -1.62	29.49 1.84 -2.40	26.97 1.65 -2.65	21.39 1.29 0.00	19.66 1.11 0.00
FORT ORANGE____ 23900	16.82 0.53 -0.82	16.19 0.44 -4.38	16.23 0.37 -6.72	15.10 0.36 -5.37	14.77 0.38 -5.15	14.18 0.40 -4.37	15.12 0.37 -5.62	15.50 0.36 -5.84	13.56 0.48 0.00	13.64 0.46 0.00	14.70 0.46 0.00	15.35 0.48 0.00	15.89 0.49 0.00	17.08 0.51 0.00	18.83 0.58 0.00	19.96 0.60 0.00	23.12 0.72 0.00	27.98 0.92 0.00	33.54 0.97 -4.73	31.82 0.94 -3.17	30.82 0.88 -4.69	28.66 0.81 -5.18	20.85 0.74 0.00	19.16 0.61 0.00
FORT_DRUM_COGEN 23780	15.74 0.23 -0.04	11.59 0.03 -0.19	9.47 0.04 -0.29	9.62 0.02 -0.23	9.49 0.02 -0.22	9.62 0.02 -0.19	9.37 0.00 -0.24	9.58 0.03 -0.25	13.04 -0.04 0.00	13.20 0.01 0.00	14.25 0.00 0.00	14.87 0.00 0.00	15.35 -0.05 0.00	16.53 -0.03 0.00	18.12 -0.13 0.00	19.27 -0.10 0.00	22.40 0.00 0.00	27.25 0.19 0.00	28.29 0.45 0.00	28.37 0.66 0.00	25.75 0.50 0.00	23.08 0.41 0.00	20.47 0.36 0.00	18.84 0.30 0.00
FPL_FAR_ROCK_GT1 24212	17.77 1.64 -0.65	15.96 1.14 -3.46	15.38 0.92 -5.32	14.55 0.95 -4.24	14.18 0.87 -4.07	13.71 0.84 -3.45	14.43 0.86 -4.45	14.83 0.92 -4.62	14.33 1.26 0.00	14.41 1.23 0.00	15.66 1.41 0.00	16.37 1.49 -0.01	16.99 1.59 -0.01	18.31 1.74 -0.01	20.03 1.77 -0.01	21.25 1.88 -0.01	24.53 2.11 -0.03	29.80 2.73 -0.01	33.03 2.78 -2.40	32.04 2.72 -1.62	30.26 2.63 -2.39	27.66 2.36 -2.64	22.13 2.01 -0.01	20.35 1.80 -0.01
FPL_FAR_ROCK_GT2 23815	17.77 1.64 -0.65	15.96 1.14 -3.46	15.38 0.92 -5.32	14.55 0.95 -4.24	14.18 0.87 -4.07	13.71 0.84 -3.45	14.43 0.86 -4.45	14.83 0.92 -4.62	14.33 1.26 0.00	14.41 1.23 0.00	15.66 1.41 0.00	16.37 1.49 -0.01	16.99 1.59 -0.01	18.31 1.74 -0.01	20.03 1.77 -0.01	21.25 1.88 -0.01	24.53 2.11 -0.03	29.80 2.73 -0.01	33.03 2.78 -2.40	32.04 2.72 -1.62	30.26 2.63 -2.39	27.66 2.36 -2.64	22.13 2.01 -0.01	20.35 1.80 -0.01
FRANKLIN_FALL_HYD 24054	15.01 -0.46 0.00	11.07 -0.30 0.00	8.88 -0.27 0.00	9.08 -0.28 0.00	8.98 -0.27 0.00	9.09 -0.32 0.00	8.87 -0.26 0.00	9.09 -0.20 0.00	12.80 -0.27 0.00	12.96 -0.22 0.00	13.98 -0.27 0.00	14.60 -0.27 0.00	15.09 -0.31 0.00	16.18 -0.38 0.00	17.92 -0.33 0.00	18.99 -0.37 0.00	22.02 -0.38 0.00	26.60 -0.46 0.00	27.51 -0.33 0.00	27.46 -0.25 0.00	24.79 -0.45 0.00	22.19 -0.48 0.00	19.74 -0.36 0.00	18.17 -0.37 0.00
FREEPORT_EQUS_GT1 23764	17.66 1.53 -0.65	15.90 1.07 -3.46	15.32 0.86 -5.32	14.49 0.88 -4.24	14.13 0.81 -4.07	13.63 0.76 -3.45	14.37 0.79 -4.45	14.77 0.85 -4.62	14.24 1.16 0.00	14.30 1.12 0.00	15.54 1.30 0.00	16.28 1.40 -0.01	16.92 1.51 -0.01	18.21 1.64 -0.01	19.92 1.66 -0.01	21.15 1.78 -0.01	24.44 2.02 -0.02	29.66 2.60 -0.01	32.86 2.62 -2.40	31.87 2.55 -1.62	30.11 2.48 -2.39	27.53 2.22 -2.64	21.98 1.87 -0.01	20.20 1.65 -0.01
FREEPORT___CT2 23818	17.66 1.53 -0.65	15.90 1.07 -3.46	15.32 0.86 -5.32	14.49 0.88 -4.24	14.13 0.81 -4.07	13.63 0.76 -3.45	14.37 0.79 -4.45	14.77 0.85 -4.62	14.24 1.16 0.00	14.30 1.12 0.00	15.54 1.30 0.00	16.28 1.40 -0.01	16.92 1.51 -0.01	18.21 1.64 -0.01	19.92 1.66 -0.01	21.15 1.78 -0.01	24.44 2.02 -0.02	29.66 2.60 -0.01	32.86 2.62 -2.40	31.87 2.55 -1.62	30.11 2.48 -2.39	27.53 2.22 -2.64	21.98 1.87 -0.01	20.20 1.65 -0.01
FRESHKLS_33_KV_LOAD 356253	17.45 1.33 -0.65	15.75 0.92 -3.46	15.18 0.72 -5.31	14.34 0.73 -4.24	14.01 0.70 -4.07	13.53 0.66 -3.45	14.17 0.60 -4.44	14.55 0.63 -4.62	14.07 0.99 0.00	14.12 0.94 0.00	15.19 0.94 0.00	15.78 0.91 0.00	16.42 1.02 0.00	17.72 1.16 0.00	19.31 1.06 0.00	20.49 1.12 0.00	23.66 1.25 0.00	28.98 1.92 0.00	32.10 1.87 -2.39	31.06 1.75 -1.61	29.31 1.69 -2.38	26.99 1.70 -2.62	21.41 1.31 0.00	19.88 1.34 0.00
FULTON COGEN____ 23766	15.50 -0.03 -0.05	11.61 -0.05 -0.29	9.56 -0.04 -0.45	9.69 -0.04 -0.36	9.55 -0.04 -0.35	9.68 -0.03 -0.29	9.47 -0.04 -0.38	9.63 -0.06 -0.39	12.98 -0.09 0.00	13.12 -0.07 0.00	14.20 -0.04 0.00	14.84 -0.03 0.00	15.35 -0.05 0.00	16.51 -0.05 0.00	18.16 -0.09 0.00	19.27 -0.10 0.00	22.27 -0.13 0.00	26.84 -0.22 0.00	27.67 -0.17 0.00	27.51 -0.19 0.00	25.14 -0.10 0.00	22.55 -0.11 0.00	20.05 -0.06 0.00	18.55 0.00 0.00

FULTON___LFGE 323630	17.99 1.55 -0.97	17.61 1.07 -5.17	17.94 0.86 -7.94	16.53 0.82 -6.34	16.17 0.85 -6.08	15.48 0.90 -5.16	16.62 0.85 -6.64	17.03 0.84 -6.90	14.20 1.12 0.00	14.32 1.13 0.00	15.42 1.17 0.00	16.05 1.17 0.00	16.62 1.22 0.00	17.82 1.26 0.00	19.76 1.51 0.00	21.09 1.72 0.00	24.71 2.31 0.00	30.11 3.06 0.00	37.80 3.40 -6.56	35.49 3.38 -4.41	34.92 3.16 -6.52	32.63 2.76 -7.20	22.74 2.63 0.00	20.86 2.32 0.00
G.F.CEMENT___DRP 24184	17.56 1.24 -0.85	16.80 0.88 -4.56	16.86 0.71 -7.00	15.65 0.70 -5.59	15.32 0.72 -5.36	14.72 0.75 -4.55	15.69 0.71 -5.85	16.08 0.71 -6.08	14.08 1.01 0.00	14.20 1.02 0.00	15.25 1.00 0.00	16.00 1.13 0.00	16.57 1.17 0.00	17.71 1.14 0.00	19.64 1.39 0.00	20.89 1.53 0.00	24.42 2.02 0.00	29.52 2.46 0.00	37.63 2.81 -6.98	35.13 2.74 -4.69	34.75 2.57 -6.93	32.59 2.27 -7.65	22.06 1.95 0.00	20.27 1.72 0.00
GARDENVILLE___LBMP 24039	15.48 -0.11 -0.11	12.05 0.08 -0.60	10.19 0.12 -0.93	10.26 0.15 -0.74	10.11 0.16 -0.71	10.22 0.21 -0.60	10.07 0.16 -0.78	10.13 0.03 -0.81	13.11 0.04 0.00	13.21 0.03 0.00	14.39 0.14 0.00	15.12 0.25 0.00	15.57 0.17 0.00	16.68 0.12 0.00	18.32 0.07 0.00	19.32 -0.04 0.00	22.18 -0.22 0.00	26.27 -0.78 0.00	27.53 -0.72 -0.41	27.12 -0.86 -0.28	25.35 -0.30 -0.41	22.78 -0.34 -0.45	20.27 0.16 0.00	19.03 0.48 0.00
GARDNVLA_35_KV_LD 355827	15.53 -0.06 -0.11	12.09 0.11 -0.61	10.22 0.15 -0.93	10.29 0.18 -0.74	10.14 0.18 -0.71	10.26 0.24 -0.61	10.10 0.19 -0.78	10.16 0.06 -0.81	13.18 0.10 0.00	13.28 0.09 0.00	14.46 0.21 0.00	15.20 0.33 0.00	15.65 0.25 0.00	16.78 0.22 0.00	18.41 0.16 0.00	19.42 0.06 0.00	22.29 -0.11 0.00	26.41 -0.65 0.00	27.67 -0.58 -0.42	27.24 -0.75 -0.28	25.48 -0.18 -0.41	22.87 -0.25 -0.46	20.37 0.26 0.00	19.12 0.57 0.00
GELCKHM__115KV_LOAD 80723	15.54 0.00 -0.06	11.69 -0.01 -0.33	9.65 -0.01 -0.51	9.77 -0.01 -0.41	9.63 -0.01 -0.39	9.75 0.00 -0.33	9.55 -0.01 -0.43	9.72 -0.03 -0.45	13.02 -0.05 0.00	13.16 -0.03 0.00	14.25 0.00 0.00	14.89 0.01 0.00	15.42 0.02 0.00	16.58 0.02 0.00	18.25 0.00 0.00	19.36 0.00 0.00	22.38 -0.02 0.00	26.95 -0.11 0.00	27.99 -0.06 -0.20	27.76 -0.08 -0.14	25.42 -0.03 -0.20	22.87 -0.02 -0.22	20.11 0.00 0.00	18.58 0.04 0.00
GENERAL___MILLS 23808	15.50 -0.09 -0.11	12.06 0.09 -0.61	10.20 0.13 -0.93	10.27 0.16 -0.74	10.12 0.17 -0.71	10.24 0.22 -0.61	10.08 0.17 -0.78	10.14 0.04 -0.81	13.15 0.08 0.00	13.24 0.05 0.00	14.42 0.17 0.00	15.15 0.28 0.00	15.60 0.20 0.00	16.73 0.17 0.00	18.36 0.11 0.00	19.36 0.00 0.00	22.22 -0.18 0.00	26.33 -0.73 0.00	27.59 -0.67 -0.41	27.18 -0.80 -0.28	25.40 -0.25 -0.41	22.83 -0.29 -0.45	20.33 0.22 0.00	19.06 0.52 0.00
GE_PLASTICS___DRP 24183	16.80 0.51 -0.82	16.17 0.42 -4.39	16.22 0.34 -6.74	15.10 0.36 -5.38	14.75 0.35 -5.16	14.16 0.37 -4.38	15.11 0.35 -5.63	15.49 0.34 -5.85	13.55 0.47 0.00	13.63 0.45 0.00	14.70 0.46 0.00	15.35 0.48 0.00	15.89 0.49 0.00	17.09 0.53 0.00	18.82 0.57 0.00	19.96 0.60 0.00	23.10 0.69 0.00	27.92 0.87 0.00	33.05 0.89 -4.31	31.46 0.86 -2.90	30.33 0.81 -4.28	28.15 0.75 -4.73	20.79 0.68 0.00	19.12 0.57 0.00
GILBOA___1 23756	16.68 0.56 -0.65	15.27 0.41 -3.50	14.86 0.34 -5.37	14.00 0.35 -4.29	13.70 0.34 -4.11	13.26 0.35 -3.49	13.96 0.34 -4.49	14.31 0.34 -4.67	13.58 0.51 0.00	13.67 0.49 0.00	14.75 0.50 0.00	15.38 0.51 0.00	15.94 0.54 0.00	17.14 0.58 0.00	18.85 0.60 0.00	20.00 0.64 0.00	23.14 0.74 0.00	28.00 0.95 0.00	30.95 0.92 -2.19	30.04 0.86 -1.47	28.28 0.86 -2.18	25.89 0.81 -2.40	20.83 0.72 0.00	19.18 0.63 0.00
GILBOA___2 23757	16.68 0.56 -0.65	15.27 0.41 -3.50	14.86 0.34 -5.37	14.00 0.35 -4.29	13.70 0.34 -4.11	13.26 0.35 -3.49	13.96 0.34 -4.49	14.31 0.34 -4.67	13.58 0.51 0.00	13.67 0.49 0.00	14.75 0.50 0.00	15.38 0.51 0.00	15.94 0.54 0.00	17.14 0.58 0.00	18.85 0.60 0.00	20.00 0.64 0.00	23.14 0.74 0.00	28.00 0.95 0.00	30.95 0.92 -2.19	30.04 0.86 -1.47	28.28 0.86 -2.18	25.89 0.81 -2.40	20.83 0.72 0.00	19.18 0.63 0.00
GILBOA___3 23758	16.68 0.56 -0.65	15.27 0.41 -3.50	14.86 0.34 -5.37	14.00 0.35 -4.29	13.70 0.34 -4.11	13.26 0.35 -3.49	13.96 0.34 -4.49	14.31 0.34 -4.67	13.58 0.51 0.00	13.67 0.49 0.00	14.75 0.50 0.00	15.38 0.51 0.00	15.94 0.54 0.00	17.14 0.58 0.00	18.85 0.60 0.00	20.00 0.64 0.00	23.14 0.74 0.00	28.00 0.95 0.00	30.95 0.92 -2.19	30.04 0.86 -1.47	28.28 0.86 -2.18	25.89 0.81 -2.40	20.83 0.72 0.00	19.18 0.63 0.00
GILBOA___4 23759	16.68 0.56 -0.65	15.27 0.41 -3.50	14.86 0.34 -5.37	14.00 0.35 -4.29	13.70 0.34 -4.11	13.26 0.35 -3.49	13.96 0.34 -4.49	14.31 0.34 -4.67	13.58 0.51 0.00	13.67 0.49 0.00	14.75 0.50 0.00	15.38 0.51 0.00	15.94 0.54 0.00	17.14 0.58 0.00	18.85 0.60 0.00	20.00 0.64 0.00	23.14 0.74 0.00	28.00 0.95 0.00	30.95 0.92 -2.19	30.04 0.86 -1.47	28.28 0.86 -2.18	25.89 0.81 -2.40	20.83 0.72 0.00	19.18 0.63 0.00
GILBOA___ 23599	16.69 0.56 -0.65	15.28 0.41 -3.50	14.86 0.34 -5.37	14.00 0.35 -4.29	13.70 0.34 -4.11	13.26 0.35 -3.49	13.96 0.34 -4.49	14.31 0.34 -4.67	13.58 0.51 0.00	13.67 0.49 0.00	14.75 0.50 0.00	15.38 0.51 0.00	15.94 0.54 0.00	17.16 0.60 0.00	18.85 0.60 0.00	20.00 0.64 0.00	23.14 0.74 0.00	28.00 0.95 0.00	30.95 0.92 -2.19	30.06 0.89 -1.47	28.28 0.86 -2.18	25.89 0.82 -2.40	20.83 0.72 0.00	19.18 0.63 0.00
GINNA___ 23603	14.95 -0.60 -0.08	11.39 -0.40 -0.43	9.50 -0.30 -0.66	9.59 -0.30 -0.53	9.45 -0.30 -0.50	9.57 -0.27 -0.43	9.38 -0.29 -0.55	9.52 -0.34 -0.57	12.50 -0.57 0.00	12.59 -0.59 0.00	13.68 -0.57 0.00	14.34 -0.53 0.00	14.78 -0.62 0.00	15.90 -0.66 0.00	17.52 -0.73 0.00	18.55 -0.81 0.00	21.37 -1.03 0.00	25.60 -1.46 0.00	26.67 -1.45 -0.27	26.37 -1.52 -0.18	24.41 -1.11 -0.27	21.93 -1.04 -0.30	19.30 -0.80 0.00	17.95 -0.59 0.00
GLEN PARK___ 23778	15.82 0.31 -0.04	11.64 0.08 -0.19	9.51 0.06 -0.30	9.65 0.05 -0.24	9.53 0.06 -0.23	9.66 0.05 -0.19	9.40 0.03 -0.25	9.61 0.06 -0.26	13.06 -0.01 0.00	13.24 0.05 0.00	14.29 0.04 0.00	14.92 0.04 0.00	15.40 0.00 0.00	16.58 0.02 0.00	18.16 -0.09 0.00	19.32 -0.04 0.00	22.47 0.07 0.00	27.33 0.27 0.00	28.43 0.59 0.00	28.54 0.83 0.00	25.90 0.66 0.00	23.21 0.54 0.00	20.57 0.46 0.00	18.94 0.39 0.00
GLENDALE_27_KV_LOAD 356172	17.42 1.30 -0.65	15.75 0.92 -3.46	15.18 0.72 -5.31	14.35 0.74 -4.24	14.02 0.71 -4.07	13.58 0.72 -3.45	14.26 0.69 -4.44	14.68 0.76 -4.62	14.26 1.19 0.00	14.32 1.13 0.00	15.39 1.14 0.00	15.99 1.12 0.00	16.62 1.22 0.00	17.92 1.36 0.00	19.55 1.30 0.00	20.74 1.37 0.00	23.92 1.52 0.00	29.17 2.11 0.00	32.35 2.12 -2.39	31.33 2.02 -1.61	29.56 1.94 -2.38	27.06 1.77 -2.62	21.49 1.39 0.00	19.88 1.34 0.00

GLENWOOD_IC_1_G5 23712	17.50 1.38 -0.65	15.78 0.95 -3.46	15.23 0.77 -5.32	14.39 0.79 -4.24	14.05 0.74 -4.07	13.59 0.72 -3.45	14.30 0.73 -4.45	14.70 0.79 -4.62	14.20 1.12 0.00	14.26 1.08 0.00	15.47 1.23 0.00	16.15 1.28 0.00	16.79 1.39 0.00	18.09 1.52 0.00	19.77 1.51 0.00	20.99 1.63 0.00	24.28 1.86 -0.02	29.44 2.38 0.00	32.63 2.39 -2.39	31.64 2.33 -1.61	29.87 2.25 -2.38	27.31 2.02 -2.63	21.74 1.63 0.00	20.01 1.47 0.00
GLENWOOD_IC_2_G1 23688	17.41 1.28 -0.65	15.73 0.90 -3.46	15.18 0.72 -5.32	14.35 0.74 -4.24	14.01 0.69 -4.07	13.56 0.69 -3.45	14.26 0.68 -4.45	14.66 0.74 -4.62	14.16 1.08 0.00	14.22 1.04 0.00	15.40 1.15 0.00	16.05 1.17 -0.01	16.69 1.28 -0.01	17.96 1.39 -0.01	19.64 1.39 -0.01	20.86 1.49 -0.01	24.10 1.68 -0.02	29.26 2.19 -0.01	32.47 2.23 -2.40	31.45 2.13 -1.62	29.70 2.07 -2.39	27.16 1.86 -2.63	21.60 1.49 -0.01	19.89 1.34 -0.01
GLENWOOD_IC_3_G1 23689	17.41 1.28 -0.65	15.73 0.90 -3.46	15.18 0.72 -5.32	14.35 0.74 -4.24	14.01 0.69 -4.07	13.56 0.69 -3.45	14.26 0.68 -4.45	14.66 0.74 -4.62	14.16 1.08 0.00	14.22 1.04 0.00	15.40 1.15 0.00	16.05 1.17 -0.01	16.69 1.28 -0.01	17.96 1.39 -0.01	19.64 1.39 -0.01	20.86 1.49 -0.01	24.10 1.68 -0.02	29.26 2.19 -0.01	32.47 2.23 -2.40	31.45 2.13 -1.62	29.70 2.07 -2.39	27.16 1.86 -2.63	21.60 1.49 -0.01	19.89 1.34 -0.01
GLENWOOD___4 23550	17.50 1.38 -0.65	15.78 0.95 -3.46	15.23 0.77 -5.32	14.39 0.79 -4.24	14.05 0.74 -4.07	13.59 0.72 -3.45	14.30 0.73 -4.45	14.70 0.79 -4.62	14.20 1.12 0.00	14.26 1.08 0.00	15.47 1.23 0.00	16.15 1.28 0.00	16.79 1.39 0.00	18.09 1.52 0.00	19.77 1.51 0.00	20.99 1.63 0.00	24.28 1.86 -0.02	29.44 2.38 0.00	32.63 2.39 -2.39	31.64 2.33 -1.61	29.87 2.25 -2.38	27.31 2.02 -2.63	21.74 1.63 0.00	20.01 1.47 0.00
GLENWOOD___5 23614	17.50 1.38 -0.65	15.78 0.95 -3.46	15.23 0.77 -5.32	14.39 0.79 -4.24	14.05 0.74 -4.07	13.59 0.72 -3.45	14.30 0.73 -4.45	14.70 0.79 -4.62	14.20 1.12 0.00	14.26 1.08 0.00	15.47 1.23 0.00	16.15 1.28 0.00	16.79 1.39 0.00	18.09 1.52 0.00	19.77 1.51 0.00	20.99 1.63 0.00	24.28 1.86 -0.02	29.44 2.38 0.00	32.63 2.39 -2.39	31.64 2.33 -1.61	29.87 2.25 -2.38	27.31 2.02 -2.63	21.74 1.63 0.00	20.01 1.47 0.00
GLOBAL GREEN_PORT_GT1 23814	18.08 1.95 -0.65	16.20 1.37 -3.46	15.62 1.16 -5.32	14.79 1.18 -4.24	14.37 1.05 -4.07	13.78 0.91 -3.45	14.63 1.06 -4.45	15.05 1.13 -4.62	14.37 1.29 0.00	14.44 1.25 0.00	15.72 1.47 0.00	16.57 1.69 -0.01	17.29 1.88 -0.01	18.59 2.02 -0.01	20.30 2.04 -0.01	21.64 2.26 -0.01	25.18 2.75 -0.02	30.39 3.33 -0.01	33.67 3.42 -2.40	32.64 3.32 -1.62	30.94 3.31 -2.39	28.18 2.88 -2.63	22.55 2.43 -0.01	20.63 2.08 -0.01
GLOBE___DSASP 323697	15.16 -0.42 -0.10	11.78 -0.15 -0.56	9.97 -0.03 -0.86	10.02 -0.03 -0.68	9.92 0.02 -0.66	10.00 0.03 -0.56	9.83 -0.01 -0.72	9.81 -0.23 -0.74	12.63 -0.44 0.00	12.71 -0.47 0.00	13.85 -0.40 0.00	14.56 -0.31 0.00	14.97 -0.43 0.00	16.03 -0.53 0.00	17.63 -0.62 0.00	18.59 -0.77 0.00	21.33 -1.08 0.00	25.16 -1.89 0.00	26.32 -1.89 -0.38	25.94 -2.02 -0.25	24.33 -1.29 -0.37	21.88 -1.20 -0.41	19.52 -0.58 0.00	18.38 -0.17 0.00
GOETHSLN___LBMP 323567	17.31 1.19 -0.65	15.68 0.85 -3.46	15.11 0.65 -5.31	14.28 0.67 -4.24	13.96 0.65 -4.07	13.53 0.66 -3.45	14.21 0.64 -4.44	14.64 0.73 -4.62	14.20 1.12 0.00	14.25 1.07 0.00	15.36 1.11 0.00	15.91 1.04 0.00	16.52 1.12 0.00	17.82 1.26 0.00	19.44 1.19 0.00	20.62 1.26 0.00	23.79 1.39 0.00	28.95 1.89 0.00	32.07 1.84 -2.39	31.09 1.77 -1.61	29.34 1.72 -2.38	26.86 1.56 -2.62	21.35 1.25 0.00	19.66 1.11 0.00
GOLAH___69_KV_TB 1_2 80279	15.70 0.14 -0.08	12.00 0.19 -0.44	10.00 0.17 -0.68	10.13 0.22 -0.54	9.98 0.21 -0.52	10.11 0.25 -0.44	9.89 0.19 -0.57	10.02 0.13 -0.59	13.09 0.01 0.00	13.16 -0.03 0.00	14.32 0.07 0.00	15.05 0.18 0.00	15.51 0.11 0.00	16.68 0.12 0.00	18.36 0.11 0.00	19.40 0.04 0.00	22.33 -0.07 0.00	26.65 -0.41 0.00	27.82 -0.31 -0.29	27.51 -0.39 -0.19	25.53 0.00 -0.29	23.01 0.02 -0.32	20.31 0.20 0.00	18.93 0.39 0.00
GOODYEAR_LAKE_HYD 323669	16.38 0.74 -0.16	12.68 0.47 -0.85	10.83 0.38 -1.30	10.79 0.38 -1.04	10.62 0.38 -1.00	10.66 0.40 -0.85	10.60 0.38 -1.09	10.85 0.42 -1.13	13.69 0.61 0.00	13.84 0.66 0.00	14.96 0.71 0.00	15.60 0.73 0.00	16.17 0.77 0.00	17.42 0.86 0.00	19.11 0.86 0.00	20.31 0.95 0.00	23.54 1.14 0.00	28.49 1.43 0.00	32.02 1.48 -2.70	30.99 1.47 -1.81	29.31 1.39 -2.68	26.85 1.22 -2.96	21.13 1.03 0.00	19.47 0.93 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	16.00 0.31 -0.21	12.74 0.24 -1.13	11.08 0.20 -1.74	10.97 0.22 -1.39	10.79 0.21 -1.33	10.78 0.24 -1.13	10.80 0.22 -1.45	10.99 0.19 -1.51	13.38 0.30 0.00	13.49 0.30 0.00	14.60 0.36 0.00	15.24 0.37 0.00	15.77 0.37 0.00	16.96 0.40 0.00	18.63 0.38 0.00	19.75 0.39 0.00	22.85 0.45 0.00	27.46 0.41 0.00	29.16 0.47 -0.85	28.69 0.42 -0.57	26.61 0.53 -0.84	24.07 0.48 -0.93	20.61 0.50 0.00	19.10 0.56 0.00
GOUDEY___7 23579	16.01 0.32 -0.21	12.75 0.25 -1.13	11.09 0.21 -1.74	10.98 0.22 -1.39	10.80 0.22 -1.33	10.79 0.24 -1.13	10.80 0.22 -1.45	11.00 0.20 -1.51	13.38 0.30 0.00	13.50 0.32 0.00	14.62 0.37 0.00	15.26 0.39 0.00	15.79 0.39 0.00	16.98 0.41 0.00	18.65 0.40 0.00	19.77 0.41 0.00	22.87 0.47 0.00	27.49 0.43 0.00	29.19 0.50 -0.85	28.72 0.44 -0.57	26.64 0.56 -0.84	24.07 0.48 -0.93	20.63 0.52 0.00	19.12 0.57 0.00
GOUDEY___8 23580	16.00 0.31 -0.21	12.74 0.24 -1.13	11.08 0.20 -1.74	10.97 0.22 -1.39	10.79 0.21 -1.33	10.78 0.24 -1.13	10.80 0.22 -1.45	10.99 0.19 -1.51	13.38 0.30 0.00	13.49 0.30 0.00	14.60 0.36 0.00	15.24 0.37 0.00	15.77 0.37 0.00	16.96 0.40 0.00	18.63 0.38 0.00	19.75 0.39 0.00	22.85 0.45 0.00	27.46 0.41 0.00	29.16 0.47 -0.85	28.69 0.42 -0.57	26.61 0.53 -0.84	24.07 0.48 -0.93	20.61 0.50 0.00	19.10 0.56 0.00
GOWANUS_GT1_1 24077	17.39 1.27 -0.65	15.71 0.89 -3.46	15.16 0.70 -5.31	14.32 0.71 -4.24	14.00 0.68 -4.07	13.54 0.67 -3.45	14.22 0.65 -4.44	14.62 0.71 -4.62	14.19 1.11 0.00	14.24 1.05 0.00	15.32 1.07 0.00	15.91 1.04 0.00	16.56 1.16 0.00	17.85 1.29 0.00	19.45 1.20 0.00	20.64 1.28 0.00	23.83 1.43 0.00	29.11 2.06 0.00	32.27 2.03 -2.39	31.25 1.94 -1.61	29.49 1.87 -2.38	27.02 1.72 -2.62	21.43 1.33 0.00	19.84 1.30 0.00
GOWANUS_GT1_2 24078	17.39 1.27 -0.65	15.71 0.89 -3.46	15.16 0.70 -5.31	14.32 0.71 -4.24	14.00 0.68 -4.07	13.54 0.67 -3.45	14.22 0.65 -4.44	14.62 0.71 -4.62	14.19 1.11 0.00	14.24 1.05 0.00	15.32 1.07 0.00	15.91 1.04 0.00	16.56 1.16 0.00	17.85 1.29 0.00	19.45 1.20 0.00	20.64 1.28 0.00	23.83 1.43 0.00	29.11 2.06 0.00	32.27 2.03 -2.39	31.25 1.94 -1.61	29.49 1.87 -2.38	27.02 1.72 -2.62	21.43 1.33 0.00	19.84 1.30 0.00

GOWANUS_GT1_3 24079	17.39 1.27 -0.65	15.71 0.89 -3.46	15.16 0.70 -5.31	14.32 0.71 -4.24	14.00 0.68 -4.07	13.54 0.67 -3.45	14.22 0.65 -4.44	14.62 0.71 -4.62	14.19 1.11 0.00	14.24 1.05 0.00	15.32 1.07 0.00	15.91 1.04 0.00	16.56 1.16 0.00	17.85 1.29 0.00	19.45 1.20 0.00	20.64 1.28 0.00	23.83 1.43 0.00	29.11 2.06 0.00	32.27 2.03 -2.39	31.25 1.94 -1.61	29.49 1.87 -2.38	27.02 1.72 -2.62	21.43 1.33 0.00	19.84 1.30 0.00
GOWANUS_GT1_4 24080	17.39 1.27 -0.65	15.71 0.89 -3.46	15.16 0.70 -5.31	14.32 0.71 -4.24	14.00 0.68 -4.07	13.54 0.67 -3.45	14.22 0.65 -4.44	14.62 0.71 -4.62	14.19 1.11 0.00	14.24 1.05 0.00	15.32 1.07 0.00	15.91 1.04 0.00	16.56 1.16 0.00	17.85 1.29 0.00	19.45 1.20 0.00	20.64 1.28 0.00	23.83 1.43 0.00	29.11 2.06 0.00	32.27 2.03 -2.39	31.25 1.94 -1.61	29.49 1.87 -2.38	27.02 1.72 -2.62	21.43 1.33 0.00	19.84 1.30 0.00
GOWANUS_GT1_5 24084	17.39 1.27 -0.65	15.71 0.89 -3.46	15.16 0.70 -5.31	14.32 0.71 -4.24	14.00 0.68 -4.07	13.54 0.67 -3.45	14.22 0.65 -4.44	14.62 0.71 -4.62	14.19 1.11 0.00	14.24 1.05 0.00	15.32 1.07 0.00	15.91 1.04 0.00	16.56 1.16 0.00	17.85 1.29 0.00	19.45 1.20 0.00	20.64 1.28 0.00	23.83 1.43 0.00	29.11 2.06 0.00	32.27 2.03 -2.39	31.25 1.94 -1.61	29.49 1.87 -2.38	27.02 1.72 -2.62	21.43 1.33 0.00	19.84 1.30 0.00
GOWANUS_GT1_6 24111	17.39 1.27 -0.65	15.71 0.89 -3.46	15.16 0.70 -5.31	14.32 0.71 -4.24	14.00 0.68 -4.07	13.54 0.67 -3.45	14.22 0.65 -4.44	14.62 0.71 -4.62	14.19 1.11 0.00	14.24 1.05 0.00	15.32 1.07 0.00	15.91 1.04 0.00	16.56 1.16 0.00	17.85 1.29 0.00	19.45 1.20 0.00	20.64 1.28 0.00	23.83 1.43 0.00	29.11 2.06 0.00	32.27 2.03 -2.39	31.25 1.94 -1.61	29.49 1.87 -2.38	27.02 1.72 -2.62	21.43 1.33 0.00	19.84 1.30 0.00
GOWANUS_GT1_7 24112	17.39 1.27 -0.65	15.71 0.89 -3.46	15.16 0.70 -5.31	14.32 0.71 -4.24	14.00 0.68 -4.07	13.54 0.67 -3.45	14.22 0.65 -4.44	14.62 0.71 -4.62	14.19 1.11 0.00	14.24 1.05 0.00	15.32 1.07 0.00	15.91 1.04 0.00	16.56 1.16 0.00	17.85 1.29 0.00	19.45 1.20 0.00	20.64 1.28 0.00	23.83 1.43 0.00	29.11 2.06 0.00	32.27 2.03 -2.39	31.25 1.94 -1.61	29.49 1.87 -2.38	27.02 1.72 -2.62	21.43 1.33 0.00	19.84 1.30 0.00
GOWANUS_GT1_8 24113	17.39 1.27 -0.65	15.71 0.89 -3.46	15.16 0.70 -5.31	14.32 0.71 -4.24	14.00 0.68 -4.07	13.54 0.67 -3.45	14.22 0.65 -4.44	14.62 0.71 -4.62	14.19 1.11 0.00	14.24 1.05 0.00	15.32 1.07 0.00	15.91 1.04 0.00	16.56 1.16 0.00	17.85 1.29 0.00	19.45 1.20 0.00	20.64 1.28 0.00	23.83 1.43 0.00	29.11 2.06 0.00	32.27 2.03 -2.39	31.25 1.94 -1.61	29.49 1.87 -2.38	27.02 1.72 -2.62	21.43 1.33 0.00	19.84 1.30 0.00
GOWANUS_GT2_1 24114	17.39 1.27 -0.65	15.71 0.89 -3.46	15.16 0.70 -5.31	14.33 0.72 -4.24	14.00 0.68 -4.07	13.54 0.67 -3.45	14.22 0.65 -4.44	14.62 0.71 -4.62	14.19 1.11 0.00	14.24 1.06 0.00	15.32 1.07 0.00	15.91 1.04 0.00	16.56 1.16 0.00	17.84 1.28 0.00	19.45 1.20 0.00	20.64 1.28 0.00	23.81 1.41 0.00	29.09 2.03 0.00	32.27 2.03 -2.39	31.25 1.94 -1.61	29.49 1.87 -2.38	27.01 1.72 -2.62	21.43 1.33 0.00	19.84 1.30 0.00
GOWANUS_GT2_2 24115	17.39 1.27 -0.65	15.71 0.89 -3.46	15.16 0.70 -5.31	14.33 0.72 -4.24	14.00 0.68 -4.07	13.54 0.67 -3																		

GOWANUS_GT3_3 24123	17.39 1.27 -0.65	15.71 0.89 -3.46	15.16 0.70 -5.31	14.33 0.72 -4.24	14.00 0.68 -4.07	13.54 0.67 -3.45	14.22 0.65 -4.44	14.62 0.71 -4.62	14.19 1.11 0.00	14.24 1.06 0.00	15.32 1.07 0.00	15.91 1.04 0.00	16.56 1.16 0.00	17.84 1.28 0.00	19.45 1.20 0.00	20.64 1.28 0.00	23.81 1.41 0.00	29.09 2.03 0.00	32.27 2.03 -2.39	31.25 1.94 -1.61	29.49 1.87 -2.38	27.01 1.72 -2.62	21.43 1.33 0.00	19.84 1.30 0.00
GOWANUS_GT3_3 24124	17.39 1.27 -0.65	15.71 0.89 -3.46	15.16 0.70 -5.31	14.33 0.72 -4.24	14.00 0.68 -4.07	13.54 0.67 -3.45	14.22 0.65 -4.44	14.62 0.71 -4.62	14.19 1.11 0.00	14.24 1.06 0.00	15.32 1.07 0.00	15.91 1.04 0.00	16.56 1.16 0.00	17.84 1.28 0.00	19.45 1.20 0.00	20.64 1.28 0.00	23.81 1.41 0.00	29.09 2.03 0.00	32.27 2.03 -2.39	31.25 1.94 -1.61	29.49 1.87 -2.38	27.01 1.72 -2.62	21.43 1.33 0.00	19.84 1.30 0.00
GOWANUS_GT3_4 24125	17.39 1.27 -0.65	15.71 0.89 -3.46	15.16 0.70 -5.31	14.33 0.72 -4.24	14.00 0.68 -4.07	13.54 0.67 -3.45	14.22 0.65 -4.44	14.62 0.71 -4.62	14.19 1.11 0.00	14.24 1.06 0.00	15.32 1.07 0.00	15.91 1.04 0.00	16.56 1.16 0.00	17.84 1.28 0.00	19.45 1.20 0.00	20.64 1.28 0.00	23.81 1.41 0.00	29.09 2.03 0.00	32.27 2.03 -2.39	31.25 1.94 -1.61	29.49 1.87 -2.38	27.01 1.72 -2.62	21.43 1.33 0.00	19.84 1.30 0.00
GOWANUS_GT3_5 24126	17.39 1.27 -0.65	15.71 0.89 -3.46	15.16 0.70 -5.31	14.33 0.72 -4.24	14.00 0.68 -4.07	13.54 0.67 -3.45	14.22 0.65 -4.44	14.62 0.71 -4.62	14.19 1.11 0.00	14.24 1.06 0.00	15.32 1.07 0.00	15.91 1.04 0.00	16.56 1.16 0.00	17.84 1.28 0.00	19.45 1.20 0.00	20.64 1.28 0.00	23.81 1.41 0.00	29.09 2.03 0.00	32.27 2.03 -2.39	31.25 1.94 -1.61	29.49 1.87 -2.38	27.01 1.72 -2.62	21.43 1.33 0.00	19.84 1.30 0.00
GOWANUS_GT3_6 24127	17.39 1.27 -0.65	15.71 0.89 -3.46	15.16 0.70 -5.31	14.33 0.72 -4.24	14.00 0.68 -4.07	13.54 0.67 -3.45	14.22 0.65 -4.44	14.62 0.71 -4.62	14.19 1.11 0.00	14.24 1.06 0.00	15.32 1.07 0.00	15.91 1.04 0.00	16.56 1.16 0.00	17.84 1.28 0.00	19.45 1.20 0.00	20.64 1.28 0.00	23.81 1.41 0.00	29.09 2.03 0.00	32.27 2.03 -2.39	31.25 1.94 -1.61	29.49 1.87 -2.38	27.01 1.72 -2.62	21.43 1.33 0.00	19.84 1.30 0.00
GOWANUS_GT3_7 24128	17.39 1.27 -0.65	15.71 0.89 -3.46	15.16 0.70 -5.31	14.33 0.72 -4.24	14.00 0.68 -4.07	13.54 0.67 -3.45	14.22 0.65 -4.44	14.62 0.71 -4.62	14.19 1.11 0.00	14.24 1.06 0.00	15.32 1.07 0.00	15.91 1.04 0.00	16.56 1.16 0.00	17.84 1.28 0.00	19.45 1.20 0.00	20.64 1.28 0.00	23.81 1.41 0.00	29.09 2.03 0.00	32.27 2.03 -2.39	31.25 1.94 -1.61	29.49 1.87 -2.38	27.01 1.72 -2.62	21.43 1.33 0.00	19.84 1.30 0.00
GOWANUS_GT3_8 24129	17.39 1.27 -0.65	15.71 0.89 -3.46	15.16 0.70 -5.31	14.33 0.72 -4.24	14.00 0.68 -4.07	13.54 0.67 -3.45	14.22 0.65 -4.44	14.62 0.71 -4.62	14.19 1.11 0.00	14.24 1.06 0.00	15.32 1.07 0.00	15.91 1.04 0.00	16.56 1.16 0.00	17.84 1.28 0.00	19.45 1.20 0.00	20.64 1.28 0.00	23.81 1.41 0.00	29.09 2.03 0.00	32.27 2.03 -2.39	31.25 1.94 -1.61	29.49 1.87 -2.38	27.01 1.72 -2.62	21.43 1.33 0.00	19.84 1.30 0.00
GOWANUS_GT4_1 24130	17.39 1.27 -0.65	15.71 0.89 -3.46	15.16 0.70 -5.31	14.32 0.71 -4.24	14.00 0.68 -4.07	13.54 0.67 -3																		

GREENBSH_115KV_TB3 55895	16.78 0.48 -0.82	16.19 0.42 -4.41	16.25 0.34 -6.76	15.12 0.36 -5.40	14.77 0.35 -5.18	14.18 0.37 -4.40	15.13 0.35 -5.66	15.52 0.34 -5.88	13.52 0.44 0.00	13.62 0.44 0.00	14.68 0.43 0.00	15.32 0.45 0.00	15.86 0.46 0.00	17.06 0.50 0.00	18.78 0.53 0.00	19.92 0.56 0.00	23.03 0.63 0.00	27.87 0.81 0.00	33.47 0.81 -4.83	31.72 0.78 -3.24	30.79 0.76 -4.79	28.66 0.70 -5.29	20.75 0.64 0.00	19.06 0.52 0.00
GREENDGE_115KV_TB5 80291	15.95 0.34 -0.13	12.33 0.26 -0.70	10.43 0.21 -1.08	10.46 0.23 -0.86	10.30 0.23 -0.83	10.38 0.26 -0.70	10.27 0.24 -0.90	10.42 0.19 -0.94	13.32 0.25 0.00	13.46 0.28 0.00	14.60 0.36 0.00	15.26 0.39 0.00	15.75 0.35 0.00	16.93 0.36 0.00	18.63 0.38 0.00	19.75 0.39 0.00	22.80 0.40 0.00	27.36 0.30 0.00	28.75 0.42 -0.49	28.40 0.36 -0.33	26.24 0.50 -0.49	23.64 0.43 -0.54	20.63 0.52 0.00	19.18 0.63 0.00
GREENIDGE___3 23582	15.95 0.34 -0.13	12.33 0.26 -0.70	10.43 0.21 -1.08	10.46 0.23 -0.86	10.30 0.23 -0.83	10.38 0.26 -0.70	10.27 0.24 -0.90	10.42 0.19 -0.94	13.32 0.25 0.00	13.46 0.28 0.00	14.60 0.36 0.00	15.26 0.39 0.00	15.75 0.35 0.00	16.93 0.36 0.00	18.63 0.38 0.00	19.75 0.39 0.00	22.80 0.40 0.00	27.36 0.30 0.00	28.75 0.42 -0.49	28.40 0.36 -0.33	26.24 0.50 -0.49	23.64 0.43 -0.54	20.63 0.52 0.00	19.18 0.63 0.00
GREENIDGE___4 23583	15.95 0.34 -0.13	12.33 0.26 -0.70	10.43 0.21 -1.08	10.45 0.22 -0.86	10.30 0.23 -0.83	10.38 0.26 -0.70	10.27 0.24 -0.90	10.42 0.19 -0.94	13.32 0.25 0.00	13.46 0.28 0.00	14.60 0.36 0.00	15.26 0.39 0.00	15.75 0.35 0.00	16.93 0.36 0.00	18.63 0.38 0.00	19.75 0.39 0.00	22.80 0.40 0.00	27.36 0.30 0.00	28.75 0.42 -0.49	28.39 0.36 -0.33	26.24 0.50 -0.49	23.64 0.43 -0.54	20.63 0.52 0.00	19.18 0.63 0.00
GREENLWN_69_KV_BK 3 55738	17.72 1.59 -0.65	15.93 1.10 -3.46	15.36 0.90 -5.32	14.52 0.91 -4.24	14.15 0.84 -4.07	13.66 0.79 -3.45	14.40 0.83 -4.45	14.81 0.89 -4.62	14.25 1.18 0.00	14.33 1.15 0.00	15.57 1.33 0.00	16.31 1.44 0.00	16.97 1.57 0.00	18.29 1.72 0.00	19.98 1.73 0.00	21.22 1.86 0.00	24.56 2.13 -0.03	29.76 2.71 0.00	32.96 2.73 -2.39	31.94 2.63 -1.61	30.15 2.52 -2.38	27.58 2.29 -2.63	22.04 1.93 0.00	20.25 1.71 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	17.39 1.27 -0.65	15.71 0.89 -3.46	15.16 0.70 -5.31	14.32 0.71 -4.24	14.00 0.68 -4.07	13.54 0.67 -3.45	14.22 0.65 -4.44	14.62 0.71 -4.62	14.19 1.11 0.00	14.24 1.05 0.00	15.32 1.07 0.00	15.91 1.04 0.00	16.56 1.16 0.00	17.85 1.29 0.00	19.45 1.20 0.00	20.64 1.28 0.00	23.83 1.43 0.00	29.11 2.06 0.00	32.27 2.03 -2.39	31.25 1.94 -1.61	29.49 1.87 -2.38	27.02 1.72 -2.62	21.43 1.33 0.00	19.84 1.30 0.00
GRISSOM___SOLAR 323813	17.99 1.55 -0.97	17.61 1.07 -5.17	17.94 0.86 -7.94	16.53 0.82 -6.34	16.17 0.85 -6.08	15.48 0.90 -5.16	16.62 0.85 -6.64	17.03 0.84 -6.90	14.20 1.12 0.00	14.32 1.13 0.00	15.42 1.17 0.00	16.05 1.17 0.00	16.62 1.22 0.00	17.82 1.26 0.00	19.76 1.51 0.00	21.09 1.72 0.00	24.71 2.31 0.00	30.11 3.06 0.00	37.80 3.40 -6.56	35.49 3.38 -4.41	34.92 3.16 -6.52	32.63 2.76 -7.20	22.74 2.63 0.00	20.86 2.32 0.00
GROVEVILLE___HYD 323602	17.22 1.10 -0.65	15.58 0.75 -3.46	15.07 0.61 -5.32	14.24 0.63 -4.24	13.91 0.60 -4.07	13.49 0.62 -3.45	14.17 0.60 -4.45	14.55 0.63 -4.62	14.07 0.99 0.00	14.13 0.95 0.00	15.20 0.95 0.00	15.82 0.95 0.00	16.45 1.05 0.00	17.67 1.11 0.00	19.36 1.11 0.00	20.54 1.18 0.00	23.83 1.43 0.00	28.98 1.92 0.00	32.23 1.98 -2.42	31.21 1.88 -1.62	29.49 1.84 -2.40	26.97 1.65 -2.65	21.39 1.29 0.00	19.66 1.11 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	15.64 0.09 -0.07	11.79 0.06 -0.37	9.76 0.05 -0.57	9.87 0.05 -0.45	9.72 0.04 -0.44	9.84 0.06 -0.37	9.65 0.05 -0.48	9.82 0.03 -0.50	13.11 0.04 0.00	13.25 0.07 0.00	14.36 0.11 0.00	14.99 0.12 0.00	15.52 0.12 0.00	16.68 0.12 0.00	18.38 0.13 0.00	19.50 0.14 0.00	22.54 0.13 0.00	27.14 0.08 0.00	28.21 0.14 -0.23	27.97 0.11 -0.16	25.62 0.15 -0.23	23.04 0.11 -0.25	20.23 0.12 0.00	18.71 0.17 0.00
HAMLTNNY_34_KV_TB 80303	15.67 0.12 -0.07	11.84 0.08 -0.39	9.81 0.06 -0.61	9.91 0.06 -0.48	9.76 0.06 -0.46	9.88 0.08 -0.39	9.70 0.06 -0.51	9.87 0.05 -0.53	13.14 0.07 0.00	13.26 0.08 0.00	14.38 0.13 0.00	15.05 0.18 0.00	15.57 0.17 0.00	16.74 0.18 0.00	18.43 0.18 0.00	19.56 0.19 0.00	22.60 0.20 0.00	27.22 0.16 0.00	28.28 0.19 -0.25	28.04 0.17 -0.17	25.72 0.23 -0.25	23.12 0.18 -0.27	20.27 0.16 0.00	18.75 0.20 0.00
HAMPSHIRE___PAPER_HYD 323593	15.23 -0.26 -0.02	11.21 -0.25 -0.10	9.09 -0.21 -0.15	9.26 -0.22 -0.12	9.15 -0.21 -0.12	9.28 -0.24 -0.10	9.03 -0.22 -0.13	9.23 -0.20 -0.13	12.76 -0.31 0.00	12.91 -0.28 0.00	13.92 -0.33 0.00	14.51 -0.36 0.00	15.02 -0.38 0.00	16.15 -0.41 0.00	17.79 -0.46 0.00	18.90 -0.46 0.00	21.91 -0.49 0.00	26.60 -0.46 0.00	27.51 -0.33 0.00	27.51 -0.19 0.00	24.91 -0.33 0.00	22.35 -0.32 0.00	19.84 -0.26 0.00	18.27 -0.28 0.00
HARDSCRABBLE_WT_PWR 323673	15.68 0.20 0.00	11.49 0.13 0.00	9.24 0.10 0.00	9.47 0.10 0.00	9.35 0.10 0.00	9.52 0.10 0.00	9.23 0.10 0.00	9.40 0.10 0.00	13.23 0.16 0.00	13.35 0.17 0.00	14.46 0.21 0.00	14.99 0.12 0.00	15.52 0.12 0.00	16.69 0.13 0.00	18.36 0.11 0.00	19.44 0.08 0.00	22.47 0.07 0.00	27.17 0.11 0.00	27.92 0.08 0.00	27.76 0.06 0.00	25.27 0.03 0.00	22.71 0.05 0.00	20.29 0.18 0.00	18.73 0.19 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	17.10 1.02 -0.61	15.33 0.72 -3.25	14.70 0.58 -4.98	13.93 0.59 -3.98	13.62 0.56 -3.81	13.24 0.58 -3.24	13.86 0.57 -4.17	14.23 0.60 -4.33	14.02 0.94 0.00	14.08 0.90 0.00	15.17 0.93 0.00	15.76 0.89 0.00	16.39 0.99 0.00	17.62 1.06 0.00	19.29 1.04 0.00	20.47 1.10 0.00	23.72 1.32 0.00	28.82 1.76 0.00	31.90 1.81 -2.25	30.93 1.72 -1.51	29.14 1.67 -2.23	26.63 1.50 -2.46	21.31 1.21 0.00	19.58 1.04 0.00
HARSNRAD_115KV_TB1 81005	15.35 -0.23 -0.10	11.91 -0.01 -0.55	10.04 0.05 -0.85	10.13 0.08 -0.68	9.99 0.09 -0.65	10.11 0.14 -0.55	9.93 0.09 -0.71	9.97 -0.07 -0.74	12.89 -0.18 0.00	12.97 -0.21 0.00	14.13 -0.11 0.00	14.86 -0.01 0.00	15.28 -0.12 0.00	16.38 -0.18 0.00	18.01 -0.24 0.00	18.98 -0.39 0.00	21.80 -0.60 0.00	25.76 -1.30 0.00	26.96 -1.25 -0.37	26.57 -1.39 -0.25	24.88 -0.73 -0.37	22.37 -0.70 -0.41	19.97 -0.14 0.00	18.79 0.24 0.00
HARZA MOOSE___RIVER 24016	15.75 0.25 -0.02	11.58 0.09 -0.13	9.41 0.07 -0.20	9.59 0.07 -0.16	9.46 0.06 -0.15	9.61 0.07 -0.13	9.35 0.06 -0.16	9.56 0.09 -0.17	13.17 0.09 0.00	13.33 0.15 0.00	14.39 0.14 0.00	14.96 0.09 0.00	15.48 0.08 0.00	16.66 0.10 0.00	18.31 0.05 0.00	19.46 0.10 0.00	22.58 0.18 0.00	27.38 0.32 0.00	28.31 0.47 0.00	28.26 0.55 0.00	25.67 0.43 0.00	23.03 0.36 0.00	20.47 0.36 0.00	18.86 0.32 0.00

HDSNBRDG_115KV_BRDG_TB1 355580	15.55 0.02 -0.06	11.70 0.00 -0.34	9.66 0.00 -0.52	9.78 0.00 -0.41	9.64 0.00 -0.40	9.76 0.01 -0.34	9.56 0.00 -0.43	9.73 -0.02 -0.45	13.05 -0.03 0.00	13.17 -0.01 0.00	14.28 0.03 0.00	14.90 0.03 0.00	15.43 0.03 0.00	16.60 0.03 0.00	18.27 0.02 0.00	19.38 0.02 0.00	22.40 0.00 0.00	26.98 -0.08 0.00	28.02 -0.03 -0.20	27.76 -0.08 -0.14	25.45 0.00 -0.20	22.89 0.00 -0.22	20.13 0.02 0.00	18.62 0.07 0.00
HELLGATE_13_KV_LD 55870	17.37 1.25 -0.65	15.71 0.89 -3.46	15.15 0.69 -5.31	14.32 0.71 -4.24	14.00 0.68 -4.07	13.56 0.69 -3.45	14.24 0.67 -4.44	14.65 0.73 -4.62	14.23 1.15 0.00	14.28 1.09 0.00	15.32 1.07 0.00	15.91 1.04 0.00	16.54 1.14 0.00	17.84 1.28 0.00	19.45 1.20 0.00	20.64 1.28 0.00	23.81 1.41 0.00	29.03 1.98 0.00	32.21 1.98 -2.39	31.20 1.88 -1.61	29.44 1.82 -2.38	26.95 1.65 -2.62	21.41 1.31 0.00	19.83 1.28 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	17.37 1.25 -0.65	15.71 0.89 -3.46	15.15 0.69 -5.31	14.32 0.71 -4.24	14.00 0.68 -4.07	13.56 0.69 -3.45	14.24 0.67 -4.44	14.65 0.73 -4.62	14.23 1.15 0.00	14.28 1.09 0.00	15.32 1.07 0.00	15.91 1.04 0.00	16.54 1.14 0.00	17.84 1.28 0.00	19.45 1.20 0.00	20.64 1.28 0.00	23.81 1.41 0.00	29.03 1.98 0.00	32.21 1.98 -2.39	31.20 1.88 -1.61	29.44 1.82 -2.38	26.95 1.65 -2.62	21.41 1.31 0.00	19.83 1.28 0.00
HEMPSTEAD____ 23647	17.52 1.39 -0.65	15.79 0.97 -3.46	15.24 0.78 -5.32	14.41 0.81 -4.24	14.05 0.74 -4.07	13.57 0.70 -3.45	14.29 0.72 -4.45	14.70 0.78 -4.62	14.15 1.07 0.00	14.22 1.04 0.00	15.43 1.18 0.00	16.16 1.28 -0.01	16.79 1.39 -0.01	18.08 1.51 -0.01	19.77 1.51 -0.01	21.00 1.63 -0.01	24.26 1.84 -0.02	29.42 2.35 -0.01	32.64 2.39 -2.40	31.65 2.33 -1.62	29.88 2.25 -2.39	27.32 2.02 -2.63	21.76 1.65 -0.01	20.02 1.46 -0.01
HEWLETT__69_KV_BK3 55828	17.70 1.58 -0.65	15.93 1.10 -3.46	15.35 0.89 -5.32	14.51 0.90 -4.24	14.15 0.84 -4.07	13.67 0.80 -3.45	14.39 0.82 -4.45	14.81 0.89 -4.62	14.29 1.22 0.00	14.36 1.17 0.00	15.60 1.35 0.00	16.30 1.43 0.00	16.92 1.52 0.00	18.24 1.67 0.00	19.95 1.70 0.00	21.14 1.78 -0.02	24.46 2.04 0.00	29.68 2.62 0.00	32.88 2.64 -2.39	31.89 2.58 -1.61	30.12 2.50 -2.38	27.54 2.24 -2.63	22.02 1.91 0.00	20.27 1.72 0.00
HICKLING___1 23621	16.06 0.42 -0.17	12.60 0.34 -0.89	10.80 0.28 -1.37	10.77 0.31 -1.10	10.61 0.31 -1.05	10.66 0.35 -0.89	10.59 0.32 -1.15	10.74 0.25 -1.19	13.48 0.41 0.00	13.61 0.42 0.00	14.77 0.53 0.00	15.48 0.61 0.00	16.00 0.60 0.00	17.18 0.61 0.00	18.87 0.62 0.00	20.00 0.64 0.00	23.10 0.69 0.00	27.63 0.57 0.00	29.15 0.67 -0.64	28.72 0.58 -0.43	26.63 0.76 -0.63	24.00 0.63 -0.70	20.81 0.70 0.00	19.38 0.83 0.00
HICKLING___2 23622	16.06 0.42 -0.17	12.60 0.34 -0.89	10.80 0.28 -1.37	10.77 0.31 -1.10	10.61 0.31 -1.05	10.66 0.35 -0.89	10.59 0.32 -1.15	10.74 0.25 -1.19	13.48 0.41 0.00	13.61 0.42 0.00	14.77 0.53 0.00	15.48 0.61 0.00	16.00 0.60 0.00	17.18 0.61 0.00	18.87 0.62 0.00	20.00 0.64 0.00	23.10 0.69 0.00	27.63 0.57 0.00	29.15 0.67 -0.64	28.72 0.58 -0.43	26.63 0.76 -0.63	24.00 0.63 -0.70	20.81 0.70 0.00	19.38 0.83 0.00
HIGH FALLS___HY 23754	17.16 1.05 -0.64	15.46 0.68 -3.41	14.93 0.55 -5.24	14.11 0.56 -4.18	13.79 0.54 -4.01	13.36 0.55 -3.40	14.05 0.55 -4.38	14.44 0.59 -4.55	14.02 0.94 0.00	14.07 0.88 0.00	15.13 0.88 0.00	15.70 0.83 0.00	16.34 0.94 0.00	17.49 0.93 0.00	19.07 0.82 0.00	20.25 0.89 0.00	23.50 1.10 0.00	28.63 1.57 0.00	32.07 1.64 -2.58	30.99 1.55 -1.73	29.35 1.54 -2.56	27.00 1.50 -2.83	21.25 1.15 0.00	19.55 1.00 0.00
HILLBURN___GT 23639	17.16 1.07 -0.61	15.41 0.75 -3.29	14.79 0.59 -5.05	14.02 0.62 -4.03	13.70 0.59 -3.87	13.30 0.60 -3.28	13.94 0.58 -4.23	14.32 0.63 -4.39	14.06 0.98 0.00	14.12 0.94 0.00	15.22 0.97 0.00	15.81 0.94 0.00	16.42 1.02 0.00	17.66 1.09 0.00	19.33 1.08 0.00	20.52 1.16 0.00	23.74 1.34 0.00	28.82 1.76 0.00	31.87 1.76 -2.28	30.92 1.69 -1.53	29.15 1.64 -2.26	26.64 1.47 -2.50	21.33 1.23 0.00	19.62 1.08 0.00
HILLSIDE_115KV_TB1 80332	15.82 0.17 -0.17	12.47 0.18 -0.93	10.73 0.16 -1.42	10.69 0.19 -1.13	10.52 0.18 -1.09	10.55 0.22 -0.92	10.51 0.19 -1.19	10.67 0.14 -1.23	13.32 0.25 0.00	13.43 0.25 0.00	14.58 0.33 0.00	15.23 0.36 0.00	15.74 0.34 0.00	16.89 0.33 0.00	18.54 0.29 0.00	19.65 0.29 0.00	22.69 0.29 0.00	27.17 0.11 0.00	28.67 0.17 -0.66	28.23 0.08 -0.44	26.23 0.33 -0.66	23.64 0.25 -0.73	20.53 0.42 0.00	19.10 0.56 0.00
HISHELDN_WT_PWR 323625	15.56 -0.03 -0.12	12.11 0.10 -0.65	10.27 0.14 -0.99	10.32 0.16 -0.79	10.18 0.18 -0.76	10.28 0.22 -0.65	10.14 0.18 -0.83	10.22 0.06 -0.86	13.14 0.07 0.00	13.24 0.05 0.00	14.42 0.17 0.00	15.14 0.27 0.00	15.59 0.19 0.00	16.71 0.15 0.00	18.36 0.11 0.00	19.38 0.02 0.00	22.27 -0.13 0.00	26.46 -0.60 0.00	27.73 -0.56 -0.44	27.31 -0.69 -0.30	25.51 -0.18 -0.44	22.93 -0.23 -0.49	20.31 0.20 0.00	19.05 0.50 0.00
HOLTSVILLE_IC_1 23690	17.65 1.52 -0.65	15.87 1.04 -3.46	15.34 0.88 -5.32	14.50 0.89 -4.24	14.11 0.80 -4.07	13.57 0.70 -3.45	14.36 0.78 -4.45	14.77 0.85 -4.62	14.08 1.01 0.00	14.15 0.96 0.00	15.39 1.14 0.00	16.17 1.29 -0.01	16.84 1.43 -0.01	18.13 1.56 -0.01	19.81 1.55 -0.01	21.08 1.70 -0.01	24.42 1.99 -0.02	29.47 2.41 -0.01	32.72 2.48 -2.40	31.70 2.38 -1.62	30.00 2.37 -2.39	27.41 2.11 -2.63	21.93 1.81 -0.01	20.11 1.56 -0.01
HOLTSVILLE_IC_10 23699	17.71 1.58 -0.65	15.92 1.09 -3.46	15.37 0.91 -5.32	14.54 0.93 -4.24	14.15 0.83 -4.07	13.59 0.73 -3.45	14.39 0.82 -4.45	14.80 0.88 -4.62	14.11 1.03 0.00	14.17 0.99 0.00	15.43 1.18 0.00	16.25 1.37 -0.01	16.92 1.51 -0.01	18.23 1.66 -0.01	19.92 1.66 -0.01	21.19 1.82 -0.01	24.58 2.15 -0.02	29.66 2.60 -0.01	32.92 2.67 -2.40	31.90 2.58 -1.62	30.21 2.58 -2.39	27.59 2.29 -2.63	22.03 1.91 -0.01	20.19 1.63 -0.01
HOLTSVILLE_IC_2 23691	17.65 1.52 -0.65	15.87 1.04 -3.46	15.34 0.88 -5.32	14.50 0.89 -4.24	14.11 0.80 -4.07	13.57 0.70 -3.45	14.36 0.78 -4.45	14.77 0.85 -4.62	14.08 1.01 0.00	14.15 0.96 0.00	15.39 1.14 0.00	16.17 1.29 -0.01	16.84 1.43 -0.01	18.13 1.56 -0.01	19.81 1.55 -0.01	21.08 1.70 -0.01	24.42 1.99 -0.02	29.47 2.41 -0.01	32.72 2.48 -2.40	31.70 2.38 -1.62	30.00 2.37 -2.39	27.41 2.11 -2.63	21.93 1.81 -0.01	20.11 1.56 -0.01
HOLTSVILLE_IC_3 23692	17.65 1.52 -0.65	15.87 1.04 -3.46	15.34 0.88 -5.32	14.50 0.89 -4.24	14.11 0.80 -4.07	13.57 0.70 -3.45	14.36 0.78 -4.45	14.77 0.85 -4.62	14.08 1.01 0.00	14.15 0.96 0.00	15.39 1.14 0.00	16.17 1.29 -0.01	16.84 1.43 -0.01	18.13 1.56 -0.01	19.81 1.55 -0.01	21.08 1.70 -0.01	24.42 1.99 -0.02	29.47 2.41 -0.01	32.72 2.48 -2.40	31.70 2.38 -1.62	30.00 2.37 -2.39	27.41 2.11 -2.63	21.93 1.81 -0.01	20.11 1.56 -0.01

HOLTSVILLE_IC_4 23693	17.65 1.52 -0.65	15.87 1.04 -3.46	15.34 0.88 -5.32	14.50 0.89 -4.24	14.11 0.80 -4.07	13.57 0.70 -3.45	14.36 0.78 -4.45	14.77 0.85 -4.62	14.08 1.01 0.00	14.15 0.96 0.00	15.39 1.14 0.00	16.17 1.29 -0.01	16.84 1.43 -0.01	18.13 1.56 -0.01	19.81 1.55 -0.01	21.08 1.70 -0.01	24.42 1.99 -0.02	29.47 2.41 -0.01	32.72 2.48 -2.40	31.70 2.38 -1.62	30.00 2.37 -2.39	27.41 2.11 -2.63	21.93 1.81 -0.01	20.11 1.56 -0.01
HOLTSVILLE_IC_5 23694	17.65 1.52 -0.65	15.87 1.04 -3.46	15.34 0.88 -5.32	14.50 0.89 -4.24	14.11 0.80 -4.07	13.57 0.70 -3.45	14.36 0.78 -4.45	14.77 0.85 -4.62	14.08 1.01 0.00	14.15 0.96 0.00	15.39 1.14 0.00	16.17 1.29 -0.01	16.84 1.43 -0.01	18.13 1.56 -0.01	19.81 1.55 -0.01	21.08 1.70 -0.01	24.42 1.99 -0.02	29.47 2.41 -0.01	32.72 2.48 -2.40	31.70 2.38 -1.62	30.00 2.37 -2.39	27.41 2.11 -2.63	21.93 1.81 -0.01	20.11 1.56 -0.01
HOLTSVILLE_IC_6 23695	17.71 1.58 -0.65	15.92 1.09 -3.46	15.37 0.91 -5.32	14.54 0.93 -4.24	14.15 0.83 -4.07	13.59 0.73 -3.45	14.39 0.82 -4.45	14.80 0.88 -4.62	14.11 1.03 0.00	14.17 0.99 0.00	15.43 1.18 0.00	16.25 1.37 -0.01	16.92 1.51 -0.01	18.23 1.66 -0.01	19.92 1.66 -0.01	21.19 1.82 -0.01	24.58 2.15 -0.02	29.66 2.60 -0.01	32.92 2.67 -2.40	31.90 2.58 -1.62	30.21 2.58 -2.39	27.59 2.29 -2.63	22.03 1.91 -0.01	20.19 1.63 -0.01
HOLTSVILLE_IC_7 23696	17.71 1.58 -0.65	15.92 1.09 -3.46	15.37 0.91 -5.32	14.54 0.93 -4.24	14.15 0.83 -4.07	13.59 0.73 -3.45	14.39 0.82 -4.45	14.80 0.88 -4.62	14.11 1.03 0.00	14.17 0.99 0.00	15.43 1.18 0.00	16.25 1.37 -0.01	16.92 1.51 -0.01	18.23 1.66 -0.01	19.92 1.66 -0.01	21.19 1.82 -0.01	24.58 2.15 -0.02	29.66 2.60 -0.01	32.92 2.67 -2.40	31.90 2.58 -1.62	30.21 2.58 -2.39	27.59 2.29 -2.63	22.03 1.91 -0.01	20.19 1.63 -0.01
HOLTSVILLE_IC_8 23697	17.71 1.58 -0.65	15.92 1.09 -3.46	15.37 0.91 -5.32	14.54 0.93 -4.24	14.15 0.83 -4.07	13.59 0.73 -3.45	14.39 0.82 -4.45	14.80 0.88 -4.62	14.11 1.03 0.00	14.17 0.99 0.00	15.43 1.18 0.00	16.25 1.37 -0.01	16.92 1.51 -0.01	18.23 1.66 -0.01	19.92 1.66 -0.01	21.19 1.82 -0.01	24.58 2.15 -0.02	29.66 2.60 -0.01	32.92 2.67 -2.40	31.90 2.58 -1.62	30.21 2.58 -2.39	27.59 2.29 -2.63	22.03 1.91 -0.01	20.19 1.63 -0.01
HOLTSVILLE_IC_9 23698	17.71 1.58 -0.65	15.92 1.09 -3.46	15.37 0.91 -5.32	14.54 0.93 -4.24	14.15 0.83 -4.07	13.59 0.73 -3.45	14.39 0.82 -4.45	14.80 0.88 -4.62	14.11 1.03 0.00	14.17 0.99 0.00	15.43 1.18 0.00	16.25 1.37 -0.01	16.92 1.51 -0.01	18.23 1.66 -0.01	19.92 1.66 -0.01	21.19 1.82 -0.01	24.58 2.15 -0.02	29.66 2.60 -0.01	32.92 2.67 -2.40	31.90 2.58 -1.62	30.21 2.58 -2.39	27.59 2.29 -2.63	22.03 1.91 -0.01	20.19 1.63 -0.01
HOMER_HL_115KV_TB2 355744	15.39 -0.22 -0.13	12.03 -0.01 -0.68	10.21 0.03 -1.04	10.26 0.07 -0.83	10.12 0.07 -0.80	10.21 0.12 -0.68	10.09 0.09 -0.87	10.20 0.00 -0.91	13.35 0.27 0.00	13.45 0.26 0.00	14.62 0.37 0.00	15.33 0.46 0.00	15.80 0.40 0.00	16.94 0.38 0.00	18.54 0.29 0.00	19.58 0.21 0.00	22.45 0.04 0.00	26.68 -0.38 0.00	28.04 -0.28 -0.48	27.58 -0.44 -0.32	25.74 0.03 -0.47	23.12 -0.07 -0.52	20.45 0.34 0.00	19.12 0.57 0.00
HOWARD_WT_PWR 323690	16.08 0.46 -0.14	12.52 0.41 -0.75	10.64 0.35 -1.15	10.66 0.38 -0.92	10.50 0.38 -0.88	10.60 0.43 -0.75	10.47 0.38 -0.96	10.59 0.30 -1.00	13.52 0.44 0.00	13.63 0.45 0.00	14.82 0.57 0.00	15.53 0.65 0.00	16.00 0.60 0.00	17.16 0.60 0.00	18.87 0.62 0.00	19.96 0.60 0.00	23.01 0.61 0.00	27.49 0.43 0.00	28.95 0.59 -0.53	28.50 0.44 -0.35	26.50 0.73 -0.52	23.83 0.59 -0.58	20.91 0.81 0.00	19.55 1.00 0.00
HQ_GEN_CEDARS 23644	15.01 -0.46 0.00	11.06 -0.31 0.00	8.89 -0.26 0.00	9.09 -0.27 0.00	8.98 -0.27 0.00	9.11 -0.30 0.00	8.86 -0.26 0.00	9.05 -0.25 0.00	12.71 -0.37 0.00	12.84 -0.34 0.00	13.86 -0.38 0.00	14.47 -0.40 0.00	14.97 -0.43 0.00	16.07 -0.50 0.00	17.79 -0.46 0.00	18.86 -0.50 0.00	21.84 -0.56 0.00	26.38 -0.68 0.00	27.23 -0.61 0.00	27.18 -0.53 0.00	24.56 -0.68 0.00	22.06 -0.61 0.00	19.60 -0.50 0.00	18.04 -0.50 0.00
HQ_GEN_CEDARS_PROXY 323590	15.01 -0.46 0.00	11.06 -0.31 0.00	8.89 -0.26 0.00	9.09 -0.27 0.00	8.98 -0.27 0.00	9.11 -0.30 0.00	8.86 -0.26 0.00	9.05 -0.25 0.00	12.71 -0.37 0.00	12.84 -0.34 0.00	13.86 -0.38 0.00	14.47 -0.40 0.00	14.97 -0.43 0.00	16.08 -0.48 0.00	17.79 -0.46 0.00	18.86 -0.50 0.00	21.84 -0.56 0.00	26.38 -0.68 0.00	27.23 -0.61 0.00	27.18 -0.53 0.00	24.56 -0.68 0.00	22.06 -0.61 0.00	19.60 -0.50 0.00	18.05 -0.50 0.00
HQ_GEN_IMPORT 323601	15.13 -0.34 0.00	11.12 -0.24 0.00	8.95 -0.19 0.00	9.16 -0.21 0.00	9.05 -0.19 0.00	9.20 -0.22 0.00	8.93 -0.19 0.00	9.11 -0.19 0.00	12.80 -0.28 0.00	12.92 -0.26 0.00	13.95 -0.30 0.00	14.56 -0.31 0.00	15.08 -0.32 0.00	16.21 -0.35 0.00	17.90 -0.35 0.00	18.99 -0.37 0.00	21.98 -0.43 0.00	26.54 -0.51 0.00	27.34 -0.50 0.00	27.23 -0.47 0.00	24.71 -0.53 0.00	22.19 -0.48 0.00	19.68 -0.42 0.00	18.16 -0.39 0.00
HQ_GEN_WHEEL 23651	15.13 -0.34 0.00	11.12 -0.24 0.00	8.95 -0.19 0.00	9.16 -0.21 0.00	9.05 -0.19 0.00	9.20 -0.22 0.00	8.93 -0.19 0.00	9.11 -0.19 0.00	12.80 -0.28 0.00	12.92 -0.26 0.00	13.95 -0.30 0.00	14.56 -0.31 0.00	15.08 -0.32 0.00	16.21 -0.35 0.00	17.90 -0.35 0.00	18.99 -0.37 0.00	21.98 -0.43 0.00	26.54 -0.51 0.00	27.34 -0.50 0.00	27.23 -0.47 0.00	24.71 -0.53 0.00	22.19 -0.48 0.00	19.68 -0.42 0.00	18.16 -0.39 0.00
HUDSON_AVE_GT_3 23810	17.34 1.22 -0.65	15.70 0.88 -3.46	15.14 0.69 -5.31	14.31 0.70 -4.24	14.00 0.68 -4.07	13.56 0.69 -3.45	14.24 0.67 -4.44	14.65 0.73 -4.62	14.21 1.14 0.00	14.26 1.08 0.00	15.37 1.13 0.00	15.97 1.10 0.00	16.60 1.20 0.00	17.89 1.33 0.00	19.53 1.28 0.00	20.72 1.36 0.00	23.92 1.52 0.00	29.09 2.03 0.00	32.27 2.03 -2.39	31.28 1.97 -1.61	29.51 1.89 -2.38	27.02 1.72 -2.62	21.45 1.35 0.00	19.77 1.22 0.00
HUDSON_AVE_GT_4 23540	17.34 1.22 -0.65	15.70 0.88 -3.46	15.14 0.69 -5.31	14.31 0.70 -4.24	14.00 0.68 -4.07	13.56 0.69 -3.45	14.24 0.67 -4.44	14.65 0.73 -4.62	14.21 1.14 0.00	14.26 1.08 0.00	15.37 1.13 0.00	15.97 1.10 0.00	16.60 1.20 0.00	17.89 1.33 0.00	19.53 1.28 0.00	20.72 1.36 0.00	23.92 1.52 0.00	29.09 2.03 0.00	32.27 2.03 -2.39	31.28 1.97 -1.61	29.51 1.89 -2.38	27.02 1.72 -2.62	21.45 1.35 0.00	19.77 1.22 0.00
HUDSON_AVE_GT_5 23657	17.34 1.22 -0.65	15.70 0.88 -3.46	15.14 0.69 -5.31	14.31 0.70 -4.24	14.00 0.68 -4.07	13.56 0.69 -3.45	14.24 0.67 -4.44	14.65 0.73 -4.62	14.21 1.14 0.00	14.26 1.08 0.00	15.37 1.13 0.00	15.97 1.10 0.00	16.60 1.20 0.00	17.89 1.33 0.00	19.53 1.28 0.00	20.72 1.36 0.00	23.92 1.52 0.00	29.09 2.03 0.00	32.27 2.03 -2.39	31.28 1.97 -1.61	29.51 1.89 -2.38	27.02 1.72 -2.62	21.45 1.35 0.00	19.77 1.22 0.00

HUDSON_AVE_10 24168	17.31 1.19 -0.65	15.67 0.84 -3.46	15.12 0.66 -5.31	14.29 0.68 -4.24	13.97 0.66 -4.07	13.54 0.67 -3.45	14.22 0.65 -4.44	14.64 0.73 -4.62	14.20 1.12 0.00	14.25 1.07 0.00	15.34 1.10 0.00	15.93 1.06 0.00	16.56 1.16 0.00	17.85 1.29 0.00	19.47 1.22 0.00	20.66 1.30 0.00	23.86 1.46 0.00	29.03 1.98 0.00	32.18 1.95 -2.39	31.20 1.88 -1.61	29.46 1.84 -2.38	26.95 1.65 -2.62	21.43 1.33 0.00	19.73 1.19 0.00
HUDSON___115KV_TB 4 355613	16.88 0.60 -0.80	16.13 0.49 -4.28	16.11 0.40 -6.56	15.01 0.41 -5.24	14.68 0.42 -5.02	14.12 0.44 -4.26	15.03 0.42 -5.49	15.40 0.41 -5.70	13.64 0.56 0.00	13.72 0.54 0.00	14.76 0.51 0.00	15.44 0.57 0.00	15.99 0.59 0.00	17.18 0.61 0.00	18.96 0.71 0.00	20.14 0.77 0.00	23.34 0.94 0.00	28.30 1.24 0.00	33.45 1.31 -4.30	31.90 1.30 -2.89	30.75 1.24 -4.27	28.47 1.09 -4.72	21.09 0.99 0.00	19.36 0.82 0.00
HUNTER MOUNT___DRP 323613	16.80 0.56 -0.77	15.95 0.45 -4.13	15.86 0.38 -6.34	14.81 0.38 -5.06	14.48 0.39 -4.85	13.97 0.43 -4.12	14.84 0.41 -5.30	15.18 0.38 -5.50	13.64 0.56 0.00	13.72 0.54 0.00	14.73 0.48 0.00	15.44 0.57 0.00	15.97 0.57 0.00	17.14 0.58 0.00	18.94 0.69 0.00	20.12 0.76 0.00	23.36 0.96 0.00	28.36 1.30 0.00	33.13 1.36 -3.93	31.70 1.36 -2.64	30.43 1.29 -3.90	28.11 1.13 -4.30	21.11 1.01 0.00	19.38 0.83 0.00
HUNTINGTON_RES_REC 323705	17.71 1.58 -0.65	15.92 1.09 -3.46	15.36 0.91 -5.32	14.54 0.93 -4.24	14.15 0.83 -4.07	13.63 0.76 -3.45	14.39 0.82 -4.45	14.80 0.88 -4.62	14.19 1.11 0.00	14.26 1.08 0.00	15.50 1.25 0.00	16.31 1.43 -0.01	16.98 1.57 -0.01	18.29 1.72 -0.01	20.01 1.75 -0.01	21.27 1.90 -0.01	24.62 2.20 -0.03	29.80 2.73 -0.01	33.03 2.78 -2.40	32.01 2.69 -1.62	30.26 2.63 -2.39	27.66 2.36 -2.63	22.06 1.95 -0.01	20.24 1.69 -0.01
HUNTLEY___63 23557	15.47 -0.11 -0.11	12.02 0.08 -0.57	10.16 0.14 -0.88	10.22 0.16 -0.70	10.09 0.18 -0.67	10.20 0.22 -0.57	10.03 0.17 -0.73	10.05 -0.01 -0.76	13.00 -0.08 0.00	13.08 -0.11 0.00	14.26 0.01 0.00	14.99 0.12 0.00	15.42 0.02 0.00	16.51 -0.05 0.00	18.16 -0.09 0.00	19.13 -0.23 0.00	21.95 -0.45 0.00	25.98 -1.08 0.00	27.20 -1.03 -0.39	26.80 -1.16 -0.26	25.07 -0.56 -0.38	22.53 -0.57 -0.42	20.13 0.02 0.00	18.92 0.37 0.00
HUNTLEY___64 23558	15.47 -0.11 -0.11	12.02 0.08 -0.57	10.16 0.14 -0.88	10.22 0.16 -0.70	10.09 0.18 -0.67	10.20 0.22 -0.57	10.03 0.17 -0.73	10.05 -0.01 -0.76	13.00 -0.08 0.00	13.08 -0.11 0.00	14.26 0.01 0.00	14.99 0.12 0.00	15.42 0.02 0.00	16.51 -0.05 0.00	18.16 -0.09 0.00	19.13 -0.23 0.00	21.95 -0.45 0.00	25.98 -1.08 0.00	27.20 -1.03 -0.39	26.80 -1.16 -0.26	25.07 -0.56 -0.38	22.53 -0.57 -0.42	20.13 0.02 0.00	18.92 0.37 0.00
HUNTLEY___65 23559	15.47 -0.11 -0.11	12.02 0.08 -0.57	10.16 0.14 -0.88	10.22 0.16 -0.70	10.09 0.18 -0.67	10.20 0.22 -0.57	10.03 0.17 -0.73	10.05 -0.01 -0.76	13.00 -0.08 0.00	13.08 -0.11 0.00	14.26 0.01 0.00	14.99 0.12 0.00	15.42 0.02 0.00	16.51 -0.05 0.00	18.16 -0.09 0.00	19.13 -0.23 0.00	21.95 -0.45 0.00	25.98 -1.08 0.00	27.20 -1.03 -0.39	26.80 -1.16 -0.26	25.07 -0.56 -0.38	22.53 -0.57 -0.42	20.13 0.02 0.00	18.92 0.37 0.00
HUNTLEY___66 23560	15.47 -0.11 -0.11	12.02 0.08 -0.57	10.16 0.14 -0.88	10.22 0.16 -0.70	10.09 0.18 -0.67	10.20 0.22 -0.57	10.03 0.17 -0.73	10.05 -0.01 -0.76	13.00 -0.08 0.00	13.08 -0.11 0.00	14.26 0.01 0.00	14.99 0.12 0.00	15.42 0.02 0.00	16.51 -0.05 0.00	18.16 -0.09 0.00	19.13 -0.23 0.00	21.95 -0.45 0.00	25.98 -1.08 0.00	27.20 -1.03 -0.39	26.80 -1.16 -0.26	25.07 -0.56 -0.38	22.53 -0.57 -0.42	20.13 0.02 0.00	18.92 0.37 0.00
HUNTLEY___67 23561	15.40 -0.19 -0.11	11.96 0.01 -0.58	10.11 0.07 -0.89	10.18 0.10 -0.71	10.04 0.11 -0.68	10.15 0.16 -0.58	9.99 0.12 -0.75	10.04 -0.03 -0.77	12.98 -0.09 0.00	13.06 -0.12 0.00	14.23 -0.01 0.00	14.96 0.09 0.00	15.38 -0.02 0.00	16.48 -0.08 0.00	18.12 -0.13 0.00	19.11 -0.25 0.00	21.93 -0.47 0.00	25.92 -1.14 0.00	27.15 -1.09 -0.39	26.75 -1.22 -0.26	25.03 -0.61 -0.39	22.51 -0.59 -0.43	20.07 -0.04 0.00	18.84 0.30 0.00
HUNTLEY___68 23562	15.40 -0.19 -0.11	11.96 0.01 -0.58	10.11 0.07 -0.89	10.18 0.10 -0.71	10.04 0.11 -0.68	10.15 0.16 -0.58	9.99 0.12 -0.75	10.04 -0.03 -0.77	12.98 -0.09 0.00	13.06 -0.12 0.00	14.23 -0.01 0.00	14.96 0.09 0.00	15.38 -0.02 0.00	16.48 -0.08 0.00	18.12 -0.13 0.00	19.11 -0.25 0.00	21.93 -0.47 0.00	25.92 -1.14 0.00	27.15 -1.09 -0.39	26.75 -1.22 -0.26	25.03 -0.61 -0.39	22.51 -0.59 -0.43	20.07 -0.04 0.00	18.84 0.30 0.00
HYLAND___LFGE 323620	16.33 0.74 -0.12	12.56 0.58 -0.62	10.57 0.48 -0.95	10.63 0.51 -0.76	10.46 0.49 -0.73	10.57 0.54 -0.62	10.38 0.46 -0.80	10.44 0.32 -0.83	13.23 0.16 0.00	13.25 0.07 0.00	14.36 0.11 0.00	15.18 0.31 0.00	15.66 0.26 0.00	16.78 0.21 0.00	18.52 0.27 0.00	19.60 0.23 0.00	22.76 0.36 0.00	27.33 0.27 0.00	29.04 0.78 -0.42	28.99 1.00 -0.29	27.08 1.41 -0.42	24.36 1.22 -0.47	21.17 1.06 0.00	19.73 1.19 0.00
INDECK___CORINTH 23802	17.52 1.19 -0.85	16.79 0.85 -4.57	16.85 0.69 -7.01	15.65 0.68 -5.60	15.31 0.69 -5.37	14.70 0.73 -4.56	15.69 0.69 -5.87	16.08 0.69 -6.09	14.06 0.98 0.00	14.19 1.00 0.00	15.20 0.95 0.00	15.96 1.09 0.00	16.52 1.12 0.00	17.61 1.04 0.00	19.55 1.30 0.00	20.80 1.43 0.00	24.33 1.93 0.00	29.44 2.38 0.00	37.64 2.76 -7.04	35.12 2.69 -4.73	34.76 2.52 -6.99	32.61 2.22 -7.72	22.02 1.91 0.00	20.22 1.67 0.00
INDECK___ILION 23567	15.65 0.17 0.00	11.47 0.10 0.00	9.23 0.08 0.00	9.45 0.08 0.00	9.33 0.08 0.00	9.50 0.08 0.00	9.21 0.08 0.00	9.38 0.08 0.00	13.19 0.12 0.00	13.32 0.13 0.00	14.40 0.16 0.00	14.98 0.10 0.00	15.51 0.11 0.00	16.70 0.13 0.00	18.36 0.11 0.00	19.48 0.12 0.00	22.54 0.13 0.00	27.22 0.16 0.00	28.01 0.17 0.00	27.87 0.17 0.00	25.40 0.15 0.00	22.80 0.14 0.00	20.31 0.20 0.00	18.73 0.19 0.00
INDECK___OLEAN 23982	15.39 -0.22 -0.13	12.03 -0.01 -0.68	10.21 0.03 -1.04	10.25 0.06 -0.83	10.12 0.07 -0.80	10.21 0.12 -0.68	10.09 0.09 -0.87	10.20 0.00 -0.91	13.35 0.28 0.00	13.45 0.26 0.00	14.62 0.37 0.00	15.33 0.46 0.00	15.80 0.40 0.00	16.93 0.36 0.00	18.54 0.29 0.00	19.58 0.21 0.00	22.45 0.04 0.00	26.70 -0.35 0.00	28.03 -0.28 -0.47	27.58 -0.44 -0.31	25.73 0.03 -0.47	23.11 -0.07 -0.51	20.45 0.34 0.00	19.14 0.59 0.00
INDECK___OSWEGO 23783	15.37 -0.15 -0.05	11.52 -0.12 -0.28	9.48 -0.10 -0.44	9.61 -0.10 -0.35	9.48 -0.10 -0.33	9.60 -0.09 -0.28	9.39 -0.10 -0.37	9.56 -0.11 -0.38	12.90 -0.17 0.00	13.03 -0.16 0.00	14.11 -0.14 0.00	14.72 -0.15 0.00	15.23 -0.17 0.00	16.38 -0.18 0.00	18.01 -0.24 0.00	19.11 -0.25 0.00	22.09 -0.31 0.00	26.65 -0.41 0.00	27.45 -0.39 0.00	27.32 -0.39 0.00	24.94 -0.30 0.00	22.40 -0.27 0.00	19.91 -0.20 0.00	18.40 -0.15 0.00

INDECK___YERKES 23781	15.49 -0.09 -0.11	12.03 0.09 -0.57	10.17 0.15 -0.88	10.22 0.16 -0.70	10.11 0.19 -0.67	10.21 0.23 -0.57	10.03 0.17 -0.73	10.06 0.00 -0.76	13.01 -0.07 0.00	13.09 -0.09 0.00	14.28 0.03 0.00	15.01 0.13 0.00	15.43 0.03 0.00	16.53 -0.03 0.00	18.18 -0.07 0.00	19.15 -0.21 0.00	21.97 -0.43 0.00	26.06 -1.00 0.00	27.22 -1.00 -0.39	26.80 -1.16 -0.26	25.09 -0.53 -0.38	22.55 -0.54 -0.42	20.15 0.04 0.00	18.95 0.41 0.00
INDIAN POINT_GT_1 24139	17.17 1.05 -0.64	15.54 0.75 -3.43	15.00 0.59 -5.26	14.17 0.61 -4.20	13.85 0.58 -4.02	13.43 0.59 -3.42	14.10 0.57 -4.40	14.49 0.62 -4.57	14.04 0.97 0.00	14.11 0.92 0.00	15.22 0.97 0.00	15.81 0.94 0.00	16.43 1.03 0.00	17.71 1.14 0.00	19.36 1.11 0.00	20.56 1.20 0.00	23.79 1.39 0.00	28.87 1.81 0.00	32.05 1.84 -2.37	31.04 1.75 -1.59	29.31 1.72 -2.35	26.81 1.54 -2.60	21.31 1.21 0.00	19.62 1.08 0.00
INDIAN POINT_GT_2 23659	17.17 1.05 -0.64	15.54 0.75 -3.43	15.00 0.59 -5.26	14.17 0.61 -4.20	13.85 0.58 -4.02	13.43 0.59 -3.42	14.10 0.57 -4.40	14.49 0.62 -4.57	14.04 0.97 0.00	14.11 0.92 0.00	15.22 0.97 0.00	15.81 0.94 0.00	16.43 1.03 0.00	17.71 1.14 0.00	19.36 1.11 0.00	20.56 1.20 0.00	23.79 1.39 0.00	28.87 1.81 0.00	32.05 1.84 -2.37	31.04 1.75 -1.59	29.31 1.72 -2.35	26.81 1.54 -2.60	21.31 1.21 0.00	19.62 1.08 0.00
INDIAN POINT_GT_3 24019	17.17 1.05 -0.64	15.54 0.75 -3.43	15.00 0.59 -5.26	14.17 0.61 -4.20	13.85 0.58 -4.02	13.43 0.59 -3.42	14.10 0.57 -4.40	14.49 0.62 -4.57	14.04 0.97 0.00	14.11 0.92 0.00	15.22 0.97 0.00	15.81 0.94 0.00	16.43 1.03 0.00	17.71 1.14 0.00	19.36 1.11 0.00	20.56 1.20 0.00	23.79 1.39 0.00	28.87 1.81 0.00	32.05 1.84 -2.37	31.04 1.75 -1.59	29.31 1.72 -2.35	26.81 1.54 -2.60	21.31 1.21 0.00	19.62 1.08 0.00
INDIAN POINT___2 23530	17.16 1.05 -0.63	15.48 0.74 -3.38	14.92 0.59 -5.19	14.12 0.62 -4.14	13.80 0.58 -3.97	13.38 0.59 -3.37	14.05 0.58 -4.34	14.42 0.62 -4.50	14.04 0.97 0.00	14.11 0.92 0.00	15.22 0.97 0.00	15.82 0.95 0.00	16.43 1.03 0.00	17.69 1.13 0.00	19.36 1.11 0.00	20.54 1.18 0.00	23.77 1.37 0.00	28.84 1.79 0.00	31.99 1.81 -2.34	31.02 1.75 -1.57	29.26 1.69 -2.32	26.75 1.52 -2.56	21.31 1.21 0.00	19.60 1.06 0.00
INDIAN POINT___3 23531	17.17 1.05 -0.64	15.54 0.75 -3.43	15.00 0.59 -5.26	14.17 0.61 -4.20	13.86 0.59 -4.03	13.43 0.59 -3.42	14.11 0.58 -4.40	14.50 0.63 -4.57	14.04 0.97 0.00	14.11 0.92 0.00	15.22 0.97 0.00	15.82 0.95 0.00	16.43 1.03 0.00	17.71 1.14 0.00	19.36 1.11 0.00	20.54 1.18 0.00	23.77 1.37 0.00	28.87 1.81 0.00	32.02 1.81 -2.37	31.04 1.75 -1.59	29.29 1.69 -2.35	26.79 1.52 -2.60	21.31 1.21 0.00	19.62 1.08 0.00
INGHAM_C_115KV_TB7 356103	15.69 0.22 0.00	11.49 0.13 0.00	9.25 0.11 0.00	9.48 0.11 0.00	9.36 0.11 0.00	9.53 0.11 0.00	9.23 0.10 0.00	9.41 0.11 0.00	13.23 0.16 0.00	13.35 0.17 0.00	14.45 0.20 0.00	14.98 0.10 0.00	15.51 0.11 0.00	16.70 0.13 0.00	18.34 0.09 0.00	19.42 0.42 0.00	22.47 0.07 0.00	27.17 0.11 0.00	27.92 0.08 0.00	27.79 0.08 0.00	25.29 0.05 0.00	22.74 0.07 0.00	20.33 0.22 0.00	18.77 0.22 0.00
IP CORINTH___1 23988	17.52 1.19 -0.85	16.79 0.85 -4.57	16.85 0.69 -7.01	15.65 0.68 -5.60	15.31 0.69 -5.37	14.70 0.72 -4.56	15.69 0.69 -5.87	16.08 0.69 -6.09	14.06 0.98 0.00	14.19 1.00 0.00	15.20 0.95 0.00	15.96 1.09 0.00	16.52 1.12 0.00	17.62 1.06 0.00	19.55 1.30 0.00	20.80 1.43 0.00	24.33 1.93 0.00	29.44 2.38 0.00	37.64 2.76 -7.04	35.12 2.69 -4.73	34.76 2.52 -6.99	32.61 2.22 -7.72	22.02 1.91 0.00	20.21 1.67 0.00
IP___TICONDEROGA 23804	18.20 1.87 -0.85	17.27 1.34 -4.56	17.23 1.08 -7.01	16.01 1.05 -5.59	15.69 1.08 -5.36	15.11 1.14 -4.55	16.06 1.08 -5.86	16.46 1.08 -6.08	14.60 1.53 0.00	14.75 1.57 0.00	15.84 1.60 0.00	16.70 1.83 0.00	17.31 1.91 0.00	18.48 1.92 0.00	20.62 2.37 0.00	21.98 2.61 0.00	25.74 3.34 0.00	31.06 4.00 0.00	39.33 4.48 -7.00	36.78 4.38 -4.70	36.26 4.06 -6.95	33.93 3.58 -7.68	23.16 3.06 0.00	21.27 2.73 0.00
ISLIP_RES_REC 323679	17.75 1.62 -0.65	15.95 1.13 -3.46	15.40 0.94 -5.32	14.56 0.96 -4.24	14.17 0.86 -4.07	13.62 0.75 -3.45	14.42 0.85 -4.45	14.83 0.91 -4.62	14.13 1.06 0.00	14.21 1.03 0.00	15.46 1.21 0.00	16.31 1.43 -0.01	16.98 1.57 -0.01	18.28 1.71 -0.01	19.97 1.72 -0.01	21.29 1.92 -0.01	24.69 2.26 -0.02	29.80 2.73 -0.01	33.05 2.81 -2.40	32.04 2.72 -1.62	30.33 2.70 -2.39	27.70 2.40 -2.63	22.11 1.99 -0.01	20.26 1.71 -0.01
JAMAICA__27_KV_LOAD 355505	17.31 1.19 -0.65	15.67 0.84 -3.46	15.12 0.66 -5.31	14.29 0.68 -4.24	13.97 0.66 -4.07	13.54 0.67 -3.45	14.24 0.67 -4.44	14.67 0.75 -4.62	14.24 1.16 0.00	14.29 1.11 0.00	15.33 1.08 0.00	15.93 1.06 0.00	16.56 1.16 0.00	17.84 1.28 0.00	19.44 1.19 0.00	20.62 1.26 0.00	23.83 1.43 0.00	29.06 2.00 0.00	32.16 1.92 -2.39	31.22 1.91 -1.61	29.49 1.87 -2.38	26.97 1.68 -2.62	21.49 1.39 0.00	19.77 1.22 0.00
JANIS___SOLAR 323808	16.50 0.85 -0.18	12.82 0.51 -0.95	11.01 0.41 -1.46	10.94 0.41 -1.16	10.77 0.41 -1.11	10.79 0.43 -0.95	10.74 0.40 -1.22	10.96 0.40 -1.26	13.56 0.48 0.00	13.66 0.47 0.00	14.75 0.50 0.00	15.38 0.51 0.00	15.91 0.51 0.00	17.13 0.56 0.00	18.82 0.57 0.00	20.02 0.66 0.00	23.27 0.87 0.00	28.28 1.22 0.00	30.14 1.50 -0.80	29.85 1.61 -0.54	27.55 1.51 -0.79	24.81 1.27 -0.88	21.23 1.13 0.00	19.66 1.11 0.00
JARVIS____ 23743	15.57 0.09 0.00	11.42 0.06 0.00	9.19 0.05 0.00	9.41 0.05 0.00	9.29 0.05 0.00	9.46 0.05 0.00	9.17 0.05 0.00	9.34 0.05 0.00	13.14 0.07 0.00	13.25 0.07 0.00	14.32 0.07 0.00	14.93 0.06 0.00	15.48 0.08 0.00	16.65 0.08 0.00	18.32 0.07 0.00	19.44 0.08 0.00	22.49 0.09 0.00	27.17 0.11 0.00	27.98 0.14 0.00	27.82 0.11 0.00	25.37 0.13 0.00	22.78 0.11 0.00	20.21 0.10 0.00	18.64 0.09 0.00
JENNISON___1 23625	16.66 0.96 -0.22	13.15 0.58 -1.20	11.46 0.48 -1.85	11.32 0.48 -1.47	11.12 0.46 -1.41	11.09 0.48 -1.20	11.13 0.46 -1.54	11.40 0.50 -1.60	13.75 0.68 0.00	13.95 0.76 0.00	15.09 0.84 0.00	15.70 0.83 0.00	16.25 0.85 0.00	17.54 0.98 0.00	19.20 0.95 0.00	20.43 1.06 0.00	23.70 1.30 0.00	28.68 1.62 0.00	30.75 1.75 -1.16	30.26 1.77 -0.78	28.06 1.67 -1.15	25.34 1.41 -1.27	21.39 1.29 0.00	19.77 1.22 0.00
JENNISON___2 23626	16.66 0.96 -0.22	13.15 0.58 -1.20	11.46 0.48 -1.85	11.32 0.48 -1.47	11.12 0.46 -1.41	11.09 0.48 -1.20	11.13 0.46 -1.54	11.40 0.50 -1.60	13.75 0.68 0.00	13.95 0.76 0.00	15.09 0.84 0.00	15.70 0.83 0.00	16.25 0.85 0.00	17.54 0.98 0.00	19.20 0.95 0.00	20.43 1.06 0.00	23.70 1.30 0.00	28.68 1.62 0.00	30.75 1.75 -1.16	30.26 1.77 -0.78	28.06 1.67 -1.15	25.34 1.41 -1.27	21.39 1.29 0.00	19.77 1.22 0.00

JERICO_RISE_WT_PWR 323719	14.95 -0.53 0.00	11.01 -0.35 0.00	8.84 -0.30 0.00	9.05 -0.32 0.00	8.93 -0.31 0.00	9.07 -0.35 0.00	8.83 -0.29 0.00	9.05 -0.25 0.00	12.73 -0.34 0.00	12.88 -0.30 0.00	13.91 -0.34 0.00	14.53 -0.34 0.00	15.03 -0.37 0.00	16.13 -0.43 0.00	17.83 -0.42 0.00	18.88 -0.48 0.00	21.89 -0.51 0.00	26.44 -0.62 0.00	27.34 -0.50 0.00	27.26 -0.44 0.00	24.61 -0.63 0.00	22.06 -0.61 0.00	19.58 -0.52 0.00	18.06 -0.48 0.00
KATONAH__115KV_46KV_TB4 355592	17.24 1.11 -0.65	15.64 0.77 -3.51	15.14 0.61 -5.38	14.31 0.65 -4.29	13.96 0.60 -4.12	13.51 0.60 -3.50	14.20 0.57 -4.50	14.59 0.61 -4.67	14.04 0.97 0.00	14.12 0.94 0.00	15.23 0.98 0.00	15.81 0.94 0.00	16.43 1.03 0.00	17.74 1.18 0.00	19.45 1.20 0.00	20.64 1.28 0.00	23.92 1.52 0.00	29.06 2.00 0.00	32.30 2.03 -2.43	31.25 1.91 -1.63	29.50 1.84 -2.41	27.01 1.68 -2.66	21.41 1.31 0.00	19.66 1.11 0.00
KCE_NY_1 323755	17.36 1.04 -0.85	16.67 0.75 -4.56	16.74 0.60 -6.99	15.55 0.61 -5.58	15.21 0.61 -5.35	14.59 0.63 -4.54	15.58 0.60 -5.85	15.97 0.60 -6.07	13.92 0.85 0.00	14.03 0.84 0.00	15.10 0.85 0.00	15.82 0.95 0.00	16.40 1.00 0.00	17.57 1.01 0.00	19.45 1.20 0.00	20.68 1.32 0.00	24.03 1.63 0.00	29.09 2.03 0.00	36.96 2.17 -6.95	34.50 2.13 -4.66	34.13 1.99 -6.90	32.07 1.79 -7.61	21.68 1.57 0.00	19.92 1.37 0.00
KCE_NY_6_ESR 323823	15.51 -0.08 -0.11	12.07 0.10 -0.61	10.20 0.13 -0.93	10.27 0.16 -0.74	10.13 0.18 -0.71	10.25 0.23 -0.61	10.09 0.18 -0.78	10.15 0.05 -0.81	13.15 0.08 0.00	13.25 0.07 0.00	14.43 0.18 0.00	15.17 0.30 0.00	15.62 0.22 0.00	16.73 0.17 0.00	18.38 0.13 0.00	19.36 0.00 0.00	22.24 -0.16 0.00	26.38 -0.68 0.00	27.61 -0.64 -0.41	27.18 -0.80 -0.28	25.43 -0.23 -0.41	22.85 -0.27 -0.45	20.35 0.24 0.00	19.10 0.56 0.00
KEDC_PORT_JEFF_GT2 24210	17.69 1.56 -0.65	15.92 1.09 -3.46	15.36 0.91 -5.32	14.54 0.93 -4.24	14.15 0.83 -4.07	13.59 0.73 -3.45	14.39 0.82 -4.45	14.80 0.88 -4.62	14.11 1.03 0.00	14.19 1.00 0.00	15.43 1.18 0.00	16.23 1.35 -0.01	16.92 1.51 -0.01	18.21 1.64 -0.01	19.90 1.64 -0.01	21.19 1.82 -0.01	24.55 2.13 -0.02	29.66 2.60 -0.01	32.89 2.65 -2.40	31.87 2.55 -1.62	30.18 2.55 -2.39	27.55 2.24 -2.63	22.00 1.89 -0.01	20.19 1.63 -0.01
KEDC_PORT_JEFF_GT3 24211	17.69 1.56 -0.65	15.92 1.09 -3.46	15.36 0.91 -5.32	14.54 0.93 -4.24	14.15 0.83 -4.07	13.59 0.73 -3.45	14.39 0.82 -4.45	14.80 0.88 -4.62	14.11 1.03 0.00	14.19 1.00 0.00	15.43 1.18 0.00	16.23 1.35 -0.01	16.92 1.51 -0.01	18.21 1.64 -0.01	19.90 1.82 -0.01	21.19 2.13 -0.02	24.55 2.13 -0.02	29.66 2.60 -0.01	32.89 2.65 -2.40	31.87 2.55 -1.62	30.18 2.55 -2.39	27.55 2.24 -2.63	22.00 1.89 -0.01	20.19 1.63 -0.01
KEDC_GLWD_GT4 24219	17.51 1.38 -0.65	15.78 0.95 -3.46	15.23 0.77 -5.32	14.40 0.80 -4.24	14.05 0.74 -4.07	13.59 0.73 -3.45	14.30 0.73 -4.45	14.70 0.79 -4.62	14.20 1.12 0.00	14.26 1.08 0.00	15.47 1.23 0.00	16.16 1.28 -0.01	16.79 1.39 -0.01	18.08 1.51 -0.01	19.77 1.51 -0.01	21.00 1.63 -0.01	24.26 1.84 -0.02	29.45 2.38 -0.01	32.66 2.42 -2.40	31.65 2.33 -1.62	29.88 2.25 -2.39	27.32 2.02 -2.63	21.74 1.63 -0.01	20.00 1.45 -0.01
KEDC_GLWD_GT5 24220	17.51 1.38 -0.65	15.78 0.95 -3.46	15.23 0.77 -5.32	14.40 0.80 -4.24	14.05 0.74 -4.07	13.59 0.73 -3.45	14.30 0.73 -4.45	14.70 0.79 -4.62	14.20 1.12 0.00	14.26 1.08 0.00	15.47 1.23 0.00	16.16 1.28 -0.01	16.79 1.39 -0.01	18.08 1.51 -0.01	19.77 1.51 -0.01	21.00 1.63 -0.01	24.26 1.84 -0.02	29.45 2.38 -0.01	32.66 2.42 -2.40	31.65 2.33 -1.62	29.88 2.25 -2.39	27.32 2.02 -2.63	21.74 1.63 -0.01	20.00 1.45 -0.01
KENSICO____ 23655	17.22 1.10 -0.64	15.60 0.78 -3.46	15.07 0.62 -5.30	14.24 0.64 -4.23	13.92 0.62 -4.06	13.48 0.62 -3.45	14.17 0.61 -4.44	14.56 0.66 -4.61	14.09 1.02 0.00	14.15 0.96 0.00	15.26 1.01 0.00	15.87 1.00 0.00	16.49 1.09 0.00	17.77 1.21 0.00	19.44 1.19 0.00	20.62 1.26 0.00	23.86 1.46 0.00	28.95 1.89 0.00	32.15 1.92 -2.39	31.14 1.83 -1.60	29.41 1.79 -2.37	26.90 1.61 -2.62	21.37 1.27 0.00	19.68 1.13 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	17.09 1.01 -0.60	15.26 0.66 -3.24	14.65 0.53 -4.97	13.88 0.54 -3.97	13.57 0.52 -3.81	13.18 0.54 -3.23	13.81 0.53 -4.16	14.18 0.57 -4.32	13.96 0.89 0.00	14.03 0.84 0.00	15.09 0.84 0.00	15.67 0.80 0.00	16.29 0.89 0.00	17.41 0.84 0.00	19.02 0.77 0.00	20.18 0.81 0.00	23.43 1.03 0.00	28.52 1.46 0.00	31.78 1.56 -2.38	30.77 1.47 -1.60	29.08 1.46 -2.37	26.76 1.47 -2.61	21.23 1.13 0.00	19.51 0.96 0.00
KIAC_JFK_GT1 23816	17.24 1.11 -0.65	15.61 0.78 -3.46	15.07 0.61 -5.31	14.24 0.64 -4.24	13.92 0.61 -4.07	13.49 0.62 -3.45	14.19 0.62 -4.44	14.62 0.71 -4.62	14.17 1.10 0.00	14.23 1.04 0.00	15.26 1.01 0.00	15.85 0.98 0.00	16.49 1.09 0.00	17.76 1.19 0.00	19.36 1.11 0.00	20.54 1.18 0.00	23.72 1.32 0.00	28.92 1.87 0.00	31.93 1.70 -2.39	31.09 1.77 -1.61	29.36 1.74 -2.38	26.86 1.56 -2.62	21.37 1.27 0.00	19.68 1.13 0.00
KIAC_JFK_GT2 23817	17.24 1.11 -0.65	15.61 0.78 -3.46	15.07 0.61 -5.31	14.24 0.64 -4.24	13.92 0.61 -4.07	13.49 0.62 -3.45	14.19 0.62 -4.44	14.62 0.71 -4.62	14.17 1.10 0.00	14.23 1.04 0.00	15.26 1.01 0.00	15.85 0.98 0.00	16.49 1.09 0.00	17.76 1.19 0.00	19.36 1.11 0.00	20.54 1.18 0.00	23.72 1.32 0.00	28.92 1.87 0.00	31.93 1.70 -2.39	31.09 1.77 -1.61	29.36 1.74 -2.38	26.86 1.56 -2.62	21.37 1.27 0.00	19.68 1.13 0.00
KIAC_JFK____ 323774	17.24 1.11 -0.65	15.61 0.78 -3.46	15.07 0.61 -5.31	14.25 0.65 -4.24	13.92 0.61 -4.07	13.49 0.62 -3.45	14.19 0.62 -4.44	14.62 0.71 -4.62	14.17 1.10 0.00	14.22 1.04 0.00	15.26 1.01 0.00	15.85 0.98 0.00	16.49 1.09 0.00	17.74 1.18 0.00	19.36 1.11 0.00	20.54 1.18 0.00	23.72 1.32 0.00	28.92 1.87 0.00	31.93 1.70 -2.39	31.09 1.77 -1.61	29.36 1.74 -2.38	26.86 1.56 -2.62	21.37 1.27 0.00	19.68 1.13 0.00
KINTIGH____ 23543	15.46 -0.11 -0.09	11.90 0.03 -0.50	9.99 0.08 -0.77	10.09 0.11 -0.61	9.94 0.11 -0.59	10.07 0.16 -0.50	9.89 0.12 -0.64	9.95 -0.01 -0.67	12.92 -0.16 0.00	13.00 -0.18 0.00	14.15 -0.10 0.00	14.86 -0.01 0.00	15.29 -0.11 0.00	16.41 -0.15 0.00	18.05 -0.20 0.00	19.07 -0.29 0.00	21.91 -0.49 0.00	25.98 -1.08 0.00	27.08 -1.09 -0.33	26.76 -1.16 -0.22	24.97 -0.61 -0.33	22.44 -0.59 -0.36	19.97 -0.14 0.00	18.71 0.17 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	15.15 -0.32 0.00	11.16 -0.20 0.00	8.95 -0.19 0.00	9.16 -0.21 0.00	9.05 -0.19 0.00	9.17 -0.24 0.00	8.94 -0.18 0.00	9.17 -0.13 0.00	12.92 -0.16 0.00	13.08 -0.11 0.00	14.11 -0.14 0.00	14.75 -0.12 0.00	15.25 -0.15 0.00	16.33 -0.23 0.00	18.09 -0.16 0.00	19.15 -0.21 0.00	22.20 -0.20 0.00	26.84 -0.22 0.00	27.78 -0.06 0.00	27.71 0.00 0.00	25.02 -0.23 0.00	22.40 -0.27 0.00	19.91 -0.20 0.00	18.34 -0.20 0.00

LACHUTE____HYDRO 323717	18.20 1.87 -0.85	17.27 1.34 -4.56	17.23 1.08 -7.01	16.00 1.05 -5.59	15.69 1.08 -5.36	15.11 1.14 -4.55	16.06 1.08 -5.86	16.46 1.08 -6.08	14.60 1.53 0.00	14.75 1.57 0.00	15.84 1.60 0.00	16.70 1.83 0.00	17.31 1.91 0.00	18.47 1.90 0.00	20.62 2.37 0.00	21.98 2.61 0.00	25.74 3.34 0.00	31.06 4.00 0.00	39.33 4.48 -7.00	36.78 4.38 -4.70	36.26 4.07 -6.95	33.92 3.58 -7.68	23.16 3.06 0.00	21.27 2.73 0.00
LAWRNCAV_115KV_TB1 80681	14.87 -0.60 0.00	10.93 -0.43 0.00	8.79 -0.36 0.00	8.98 -0.38 0.00	8.88 -0.37 0.00	9.00 -0.41 0.00	8.75 -0.37 0.00	8.96 -0.33 0.00	12.58 -0.50 0.00	12.72 -0.46 0.00	13.72 -0.53 0.00	14.32 -0.55 0.00	14.82 -0.59 0.00	15.90 -0.66 0.00	17.61 -0.64 0.00	18.67 -0.70 0.00	21.64 -0.76 0.00	26.19 -0.87 0.00	27.03 -0.81 0.00	26.98 -0.72 0.00	24.39 -0.86 0.00	21.87 -0.79 0.00	19.44 -0.66 0.00	17.88 -0.67 0.00
LEDERLE____ 23769	17.19 1.10 -0.62	15.48 0.78 -3.33	14.87 0.62 -5.11	14.08 0.64 -4.08	13.77 0.62 -3.91	13.35 0.62 -3.32	14.01 0.61 -4.27	14.39 0.66 -4.44	14.09 1.02 0.00	14.16 0.98 0.00	15.26 1.01 0.00	15.87 1.00 0.00	16.48 1.08 0.00	17.76 1.19 0.00	19.40 1.15 0.00	20.58 1.22 0.00	23.83 1.43 0.00	28.95 1.89 0.00	32.06 1.92 -2.30	31.08 1.83 -1.55	29.32 1.79 -2.29	26.80 1.61 -2.52	21.39 1.29 0.00	19.68 1.13 0.00
LIGHTHSE_115KV_TB6 355974	15.56 0.03 -0.05	11.59 -0.03 -0.26	9.53 -0.02 -0.40	9.66 -0.03 -0.32	9.53 -0.03 -0.31	9.66 -0.02 -0.26	9.44 -0.03 -0.34	9.61 -0.04 -0.35	13.00 -0.08 0.00	13.13 -0.05 0.00	14.22 -0.03 0.00	14.84 -0.03 0.00	15.34 -0.06 0.00	16.50 -0.07 0.00	18.14 -0.11 0.00	19.27 -0.10 0.00	22.27 -0.13 0.00	26.90 -0.16 0.00	27.78 -0.06 0.00	27.71 0.00 0.00	25.24 0.00 0.00	22.71 0.05 0.00	20.17 0.06 0.00	18.62 0.07 0.00
LINDEN COGEN____ 23786	17.31 1.19 -0.65	15.67 0.84 -3.46	15.10 0.64 -5.31	14.30 0.69 -4.24	13.96 0.65 -4.07	13.53 0.66 -3.45	14.20 0.63 -4.44	14.64 0.73 -4.62	14.20 1.12 0.00	14.25 1.07 0.00	15.36 1.11 0.00	15.90 1.03 0.00	16.52 1.12 0.00	17.79 1.23 0.00	19.44 1.19 0.00	20.62 1.26 0.00	23.79 1.39 0.00	28.92 1.87 0.00	32.04 1.81 -2.39	31.06 1.75 -1.61	29.34 1.72 -2.38	26.86 1.56 -2.62	21.33 1.23 0.00	19.64 1.09 0.00
LINDHRST_69_KV_BK1 356055	17.73 1.61 -0.65	15.94 1.11 -3.46	15.37 0.91 -5.32	14.54 0.93 -4.24	14.16 0.85 -4.07	13.65 0.78 -3.45	14.40 0.83 -4.45	14.81 0.89 -4.62	14.23 1.15 0.00	14.30 1.12 0.00	15.54 1.30 0.00	16.31 1.44 0.00	16.97 1.57 0.00	18.29 1.72 0.00	19.98 1.73 0.00	21.22 1.86 0.00	24.62 2.20 -0.02	29.76 2.71 0.00	32.99 2.76 -2.39	32.00 2.69 -1.61	30.25 2.63 -2.38	27.65 2.36 -2.63	22.10 1.99 0.00	20.31 1.76 0.00
LIPA_MISC_IPP 23656	17.61 1.49 -0.65	15.86 1.03 -3.46	15.34 0.88 -5.32	14.50 0.89 -4.24	14.11 0.80 -4.07	13.53 0.66 -3.45	14.36 0.78 -4.45	14.77 0.86 -4.62	14.00 0.93 0.00	14.07 0.88 0.00	15.30 1.05 0.00	16.08 1.20 0.00	16.74 1.34 0.00	18.05 1.49 0.00	19.69 1.44 0.00	20.95 1.59 0.00	24.35 1.93 -0.02	29.36 2.30 0.00	32.57 2.34 -2.39	31.58 2.27 -1.61	29.89 2.27 -2.38	27.31 2.02 -2.63	21.84 1.73 0.00	20.03 1.48 0.00
LISF____SOLAR 323691	17.63 1.50 -0.65	15.89 1.06 -3.46	15.36 0.90 -5.32	14.52 0.91 -4.24	14.12 0.80 -4.07	13.54 0.67 -3.45	14.38 0.80 -4.45	14.78 0.86 -4.62	14.00 0.93 0.00	14.08 0.90 0.00	15.32 1.07 0.00	16.08 1.20 -0.01	16.75 1.34 -0.01	18.04 1.47 -0.01	19.70 1.44 -0.01	20.98 1.61 -0.01	24.33 1.90 -0.02	29.36 2.30 -0.01	32.61 2.37 -2.40	31.62 2.30 -1.62	29.93 2.30 -2.39	27.34 2.04 -2.63	21.88 1.77 -0.01	20.06 1.50 -0.01
LITTLE FALLS____HYD 24013	15.69 0.22 0.00	11.49 0.13 0.00	9.25 0.11 0.00	9.48 0.11 0.00	9.36 0.11 0.00	9.53 0.11 0.00	9.23 0.10 0.00	9.41 0.11 0.00	13.23 0.16 0.00	13.35 0.17 0.00	14.45 0.20 0.00	14.98 0.10 0.00	15.51 0.11 0.00	16.70 0.13 0.00	18.34 0.09 0.00	19.42 0.06 0.00	22.47 0.07 0.00	27.17 0.11 0.00	27.92 0.08 0.00	27.79 0.08 0.00	25.29 0.05 0.00	22.74 0.07 0.00	20.33 0.22 0.00	18.77 0.22 0.00
LITTLRIV_115KV_TB1 356100	14.98 -0.50 0.00	10.98 -0.39 0.00	8.82 -0.32 0.00	9.02 -0.35 0.00	8.91 -0.33 0.00	9.04 -0.38 0.00	8.79 -0.34 0.00	9.00 -0.30 0.00	12.64 -0.43 0.00	12.80 -0.38 0.00	13.81 -0.44 0.00	14.40 -0.48 0.00	14.89 -0.51 0.00	15.98 -0.58 0.00	17.70 -0.55 0.00	18.78 -0.58 0.00	21.77 -0.63 0.00	26.38 -0.68 0.00	27.26 -0.58 0.00	27.26 -0.44 0.00	24.59 -0.66 0.00	22.03 -0.63 0.00	19.58 -0.52 0.00	18.01 -0.54 0.00
LI_NEWBRDGE____DRP 323616	17.53 1.41 -0.65	15.79 0.97 -3.46	15.25 0.79 -5.32	14.41 0.81 -4.24	14.05 0.74 -4.07	13.56 0.69 -3.45	14.29 0.72 -4.45	14.70 0.79 -4.62	14.12 1.05 0.00	14.19 1.00 0.00	15.42 1.17 0.00	16.12 1.25 0.00	16.76 1.36 0.00	18.04 1.47 0.00	19.73 1.48 0.00	20.93 1.57 0.00	24.22 1.79 -0.02	29.36 2.30 0.00	32.55 2.31 -2.39	31.56 2.24 -1.61	29.77 2.15 -2.38	27.24 1.95 -2.63	21.76 1.65 0.00	20.01 1.47 0.00
LOCKPORT_115KV_TB60_63_64 80432	15.33 -0.25 -0.10	11.89 -0.02 -0.55	10.03 0.05 -0.84	10.11 0.07 -0.67	9.97 0.08 -0.65	10.10 0.13 -0.55	9.91 0.08 -0.71	9.96 -0.07 -0.73	12.88 -0.20 0.00	12.95 -0.24 0.00	14.12 -0.13 0.00	14.84 -0.03 0.00	15.26 -0.14 0.00	16.36 -0.20 0.00	17.98 -0.27 0.00	18.96 -0.41 0.00	21.77 -0.63 0.00	25.73 -1.33 0.00	26.93 -1.28 -0.37	26.54 -1.41 -0.25	24.88 -0.73 -0.37	22.35 -0.73 -0.41	19.95 -0.16 0.00	18.77 0.22 0.00
LOCKPORT____CC1 323769	15.35 -0.23 -0.10	11.91 -0.01 -0.55	10.04 0.05 -0.85	10.12 0.07 -0.68	9.99 0.09 -0.65	10.11 0.14 -0.55	9.93 0.09 -0.71	9.97 -0.06 -0.74	12.89 -0.18 0.00	12.97 -0.21 0.00	14.13 -0.11 0.00	14.86 -0.01 0.00	15.29 -0.11 0.00	16.38 -0.18 0.00	18.01 -0.24 0.00	18.98 -0.39 0.00	21.80 -0.60 0.00	25.81 -1.24 0.00	26.96 -1.25 -0.37	26.57 -1.38 -0.25	24.88 -0.73 -0.37	22.37 -0.70 -0.41	19.97 -0.14 0.00	18.79 0.24 0.00
LOCKPORT____CC2 323770	15.35 -0.23 -0.10	11.91 -0.01 -0.55	10.04 0.05 -0.85	10.12 0.07 -0.68	9.99 0.09 -0.65	10.11 0.14 -0.55	9.93 0.09 -0.71	9.97 -0.06 -0.74	12.89 -0.18 0.00	12.97 -0.21 0.00	14.13 -0.11 0.00	14.86 -0.01 0.00	15.29 -0.11 0.00	16.38 -0.18 0.00	18.01 -0.24 0.00	18.98 -0.39 0.00	21.80 -0.60 0.00	25.81 -1.24 0.00	26.96 -1.25 -0.37	26.57 -1.38 -0.25	24.88 -0.73 -0.37	22.37 -0.70 -0.41	19.97 -0.14 0.00	18.79 0.24 0.00
LOCKPORT____CC3 323771	15.35 -0.23 -0.10	11.91 -0.01 -0.55	10.04 0.05 -0.85	10.12 0.07 -0.68	9.99 0.09 -0.65	10.11 0.14 -0.55	9.93 0.09 -0.71	9.97 -0.06 -0.74	12.89 -0.18 0.00	12.97 -0.21 0.00	14.13 -0.11 0.00	14.86 -0.01 0.00	15.29 -0.11 0.00	16.38 -0.18 0.00	18.01 -0.24 0.00	18.98 -0.39 0.00	21.80 -0.60 0.00	25.81 -1.24 0.00	26.96 -1.25 -0.37	26.57 -1.38 -0.25	24.88 -0.73 -0.37	22.37 -0.70 -0.41	19.97 -0.14 0.00	18.79 0.24 0.00

LONG_LAKE_PHOENIX 24014	15.50 -0.03 -0.05	11.61 -0.05 -0.29	9.56 -0.04 -0.45	9.69 -0.04 -0.36	9.55 -0.04 -0.35	9.68 -0.03 -0.29	9.47 -0.04 -0.38	9.63 -0.06 -0.39	12.98 -0.09 0.00	13.12 -0.07 0.00	14.20 -0.04 0.00	14.84 -0.03 0.00	15.35 -0.05 0.00	16.51 -0.05 0.00	18.16 -0.09 0.00	19.27 -0.10 0.00	22.27 -0.13 0.00	26.84 -0.22 0.00	27.67 -0.17 0.00	27.51 -0.19 0.00	25.14 -0.10 0.00	22.55 -0.11 0.00	20.05 -0.06 0.00	18.55 0.00 0.00
LOVETT___3 23632	17.14 1.04 -0.62	15.45 0.74 -3.34	14.86 0.59 -5.13	14.06 0.60 -4.09	13.75 0.58 -3.93	13.33 0.58 -3.33	13.99 0.57 -4.29	14.38 0.62 -4.46	14.03 0.95 0.00	14.09 0.91 0.00	15.20 0.95 0.00	15.81 0.94 0.00	16.42 1.02 0.00	17.69 1.13 0.00	19.33 1.08 0.00	20.52 1.16 0.00	23.74 1.34 0.00	28.82 1.76 0.00	31.93 1.78 -2.31	30.95 1.69 -1.55	29.21 1.67 -2.30	26.70 1.50 -2.53	21.29 1.19 0.00	19.60 1.06 0.00
LOVETT___4 23642	17.14 1.04 -0.62	15.45 0.74 -3.34	14.86 0.59 -5.13	14.06 0.60 -4.09	13.75 0.58 -3.93	13.33 0.58 -3.33	13.99 0.57 -4.29	14.38 0.62 -4.46	14.03 0.95 0.00	14.09 0.91 0.00	15.20 0.95 0.00	15.81 0.94 0.00	16.42 1.02 0.00	17.69 1.13 0.00	19.33 1.08 0.00	20.52 1.16 0.00	23.74 1.34 0.00	28.82 1.76 0.00	31.93 1.78 -2.31	30.95 1.69 -1.55	29.21 1.67 -2.30	26.70 1.50 -2.53	21.29 1.19 0.00	19.60 1.06 0.00
LOVETT___5 23593	17.14 1.04 -0.62	15.45 0.74 -3.34	14.86 0.59 -5.13	14.06 0.60 -4.09	13.75 0.58 -3.93	13.33 0.58 -3.33	13.99 0.57 -4.29	14.38 0.62 -4.46	14.03 0.95 0.00	14.09 0.91 0.00	15.20 0.95 0.00	15.81 0.94 0.00	16.42 1.02 0.00	17.69 1.13 0.00	19.33 1.08 0.00	20.52 1.16 0.00	23.74 1.34 0.00	28.82 1.76 0.00	31.93 1.78 -2.31	30.95 1.69 -1.55	29.21 1.67 -2.30	26.70 1.50 -2.53	21.29 1.19 0.00	19.60 1.06 0.00
LOWER RAQUET___HYD 24057	14.83 -0.65 0.00	10.89 -0.48 0.00	8.75 -0.39 0.00	8.95 -0.41 0.00	8.85 -0.40 0.00	8.96 -0.45 0.00	8.72 -0.40 0.00	8.92 -0.37 0.00	12.54 -0.54 0.00	12.68 -0.50 0.00	13.68 -0.57 0.00	14.26 -0.61 0.00	14.77 -0.63 0.00	15.87 -0.70 0.00	17.54 -0.71 0.00	18.61 -0.76 0.00	21.57 -0.83 0.00	26.11 -0.95 0.00	26.98 -0.86 0.00	26.93 -0.78 0.00	24.34 -0.91 0.00	21.81 -0.86 0.00	19.38 -0.72 0.00	17.82 -0.72 0.00
LOWER___HUDSON 24059	17.10 0.79 -0.83	16.43 0.59 -4.47	16.49 0.48 -6.86	15.33 0.49 -5.47	14.98 0.49 -5.25	14.38 0.51 -4.46	15.35 0.48 -5.74	15.73 0.47 -5.96	13.75 0.68 0.00	13.83 0.65 0.00	14.92 0.67 0.00	15.57 0.70 0.00	16.12 0.72 0.00	17.34 0.78 0.00	19.11 0.86 0.00	20.29 0.93 0.00	23.54 1.14 0.00	28.46 1.41 0.00	35.55 1.47 -6.24	33.36 1.47 -4.19	32.80 1.36 -6.19	30.75 1.25 -6.84	21.23 1.13 0.00	19.51 0.96 0.00
LOWVILLE_115KV_TB2 356335	15.69 0.19 -0.03	11.53 0.03 -0.13	9.38 0.03 -0.21	9.55 0.02 -0.16	9.42 0.02 -0.16	9.57 0.02 -0.13	9.31 0.01 -0.17	9.52 0.05 -0.18	13.07 0.00 0.00	13.24 0.05 0.00	14.28 0.03 0.00	14.86 -0.01 0.00	15.37 -0.03 0.00	16.53 -0.03 0.00	18.16 -0.09 0.00	19.30 -0.06 0.00	22.42 0.02 0.00	27.25 0.19 0.00	28.20 0.36 0.00	28.20 0.50 0.00	25.60 0.35 0.00	22.96 0.29 0.00	20.39 0.28 0.00	18.79 0.24 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	17.35 1.02 -0.85	16.66 0.74 -4.56	16.74 0.60 -6.99	15.55 0.60 -5.58	15.21 0.61 -5.35	14.59 0.63 -4.54	15.58 0.60 -5.85	15.96 0.59 -6.07	13.91 0.84 0.00	14.01 0.83 0.00	15.10 0.85 0.00	15.81 0.94 0.00	16.39 0.99 0.00	17.59 1.03 0.00	19.44 1.19 0.00	20.66 1.30 0.00	24.04 1.64 0.00	29.06 2.00 0.00	36.93 2.14 -6.95	34.47 2.11 -4.66	34.11 1.97 -6.90	32.05 1.77 -7.61	21.65 1.55 0.00	19.92 1.37 0.00
LUTHERNY_35_KV_BK2 355980	17.36 1.04 -0.85	16.67 0.75 -4.56	16.74 0.60 -6.99	15.55 0.61 -5.58	15.21 0.61 -5.35	14.59 0.63 -4.54	15.58 0.60 -5.85	15.97 0.59 -6.07	13.92 0.85 0.00	14.03 0.84 0.00	15.10 0.85 0.00	15.82 0.95 0.00	16.40 1.00 0.00	17.59 1.03 0.00	19.45 1.20 0.00	20.68 1.32 0.00	24.06 1.66 0.00	29.09 2.03 0.00	36.96 2.17 -6.95	34.50 2.13 -4.66	34.13 1.99 -6.90	32.07 1.79 -7.61	21.68 1.57 0.00	19.92 1.37 0.00
LWR___OSWEGATCHIE_HYD 23850	15.23 -0.26 -0.02	11.21 -0.25 -0.10	9.09 -0.21 -0.15	9.26 -0.22 -0.12	9.15 -0.21 -0.12	9.28 -0.24 -0.10	9.03 -0.22 -0.13	9.23 -0.20 -0.13	12.76 -0.31 0.00	12.91 -0.28 0.00	13.92 -0.33 0.00	14.51 -0.36 0.00	15.02 -0.39 0.00	16.13 -0.43 0.00	17.79 -0.46 0.00	18.90 -0.46 0.00	21.91 -0.49 0.00	26.60 -0.46 0.00	27.51 -0.33 0.00	27.51 -0.19 0.00	24.92 -0.33 0.00	22.35 -0.32 0.00	19.85 -0.26 0.00	18.27 -0.28 0.00
LYONS_FALL_HYD 23570	15.75 0.25 -0.02	11.58 0.09 -0.13	9.41 0.07 -0.20	9.59 0.07 -0.16	9.46 0.07 -0.15	9.61 0.07 -0.13	9.35 0.06 -0.16	9.56 0.09 -0.17	13.17 0.09 0.00	13.33 0.15 0.00	14.39 0.14 0.00	14.96 0.09 0.00	15.48 0.08 0.00	16.66 0.10 0.00	18.31 0.05 0.00	19.46 0.10 0.00	22.58 0.18 0.00	27.38 0.33 0.00	28.31 0.47 0.00	28.26 0.55 0.00	25.67 0.43 0.00	23.03 0.36 0.00	20.47 0.36 0.00	18.86 0.31 0.00
MADISON___COUNTY_LFGE 323628	15.92 0.40 -0.04	11.81 0.23 -0.22	9.66 0.18 -0.33	9.82 0.19 -0.27	9.68 0.18 -0.25	9.82 0.19 -0.22	9.58 0.17 -0.28	9.78 0.20 -0.29	13.31 0.24 0.00	13.49 0.30 0.00	14.58 0.33 0.00	15.15 0.28 0.00	15.69 0.29 0.00	16.91 0.35 0.00	18.58 0.33 0.00	19.75 0.39 0.00	22.89 0.49 0.00	27.71 0.65 0.00	28.56 0.72 0.00	28.45 0.75 0.00	25.93 0.68 0.00	23.24 0.57 0.00	20.67 0.56 0.00	19.08 0.54 0.00
MALONE___115KV_TB1 356076	15.01 -0.46 0.00	11.07 -0.30 0.00	8.88 -0.27 0.00	9.08 -0.28 0.00	8.98 -0.27 0.00	9.09 -0.32 0.00	8.87 -0.26 0.00	9.09 -0.20 0.00	12.80 -0.27 0.00	12.96 -0.22 0.00	13.98 -0.27 0.00	14.60 -0.27 0.00	15.09 -0.31 0.00	16.18 -0.38 0.00	17.92 -0.33 0.00	18.99 -0.37 0.00	22.02 -0.38 0.00	26.60 -0.46 0.00	27.51 -0.33 0.00	27.46 -0.25 0.00	24.79 -0.45 0.00	22.19 -0.48 0.00	19.74 -0.36 0.00	18.17 -0.37 0.00
MAPLEWOD_115KV_TB3 80458	17.06 0.76 -0.83	16.40 0.58 -4.46	16.45 0.47 -6.84	15.30 0.48 -5.46	14.95 0.47 -5.23	14.35 0.49 -4.44	15.31 0.47 -5.72	15.69 0.46 -5.94	13.72 0.64 0.00	13.80 0.62 0.00	14.90 0.66 0.00	15.56 0.68 0.00	16.11 0.71 0.00	17.32 0.76 0.00	19.11 0.86 0.00	20.31 0.95 0.00	23.52 1.12 0.00	28.46 1.41 0.00	34.90 1.48 -5.59	32.90 1.44 -3.75	32.16 1.36 -5.55	30.02 1.22 -6.13	21.19 1.09 0.00	19.47 0.93 0.00
MAPLE RIDGE_WT_1 323574	15.32 -0.15 0.00	11.25 -0.11 0.00	9.05 -0.09 0.00	9.27 -0.09 0.00	9.15 -0.09 0.00	9.32 -0.09 0.00	9.03 -0.09 0.00	9.21 -0.08 0.00	12.94 -0.13 0.00	13.06 -0.12 0.00	14.12 -0.13 0.00	14.74 -0.13 0.00	15.25 -0.15 0.00	16.40 -0.17 0.00	18.09 -0.16 0.00	19.19 -0.17 0.00	22.20 -0.20 0.00	26.81 -0.24 0.00	27.59 -0.25 0.00	27.48 -0.22 0.00	24.99 -0.25 0.00	22.44 -0.23 0.00	19.91 -0.20 0.00	18.36 -0.19 0.00

MAPLE_RIDGE_WT_2 323611	15.32 -0.15 0.00	11.25 -0.11 0.00	9.05 -0.09 0.00	9.27 -0.09 0.00	9.15 -0.09 0.00	9.32 -0.09 0.00	9.03 -0.09 0.00	9.21 -0.08 0.00	12.94 -0.13 0.00	13.06 -0.12 0.00	14.12 -0.13 0.00	14.74 -0.13 0.00	15.25 -0.15 0.00	16.40 -0.17 0.00	18.09 -0.16 0.00	19.19 -0.17 0.00	22.20 -0.20 0.00	26.81 -0.24 0.00	27.59 -0.25 0.00	27.48 -0.22 0.00	24.99 -0.25 0.00	22.44 -0.23 0.00	19.91 -0.20 0.00	18.36 -0.19 0.00
MARBLE_RIVER_WT_PWR 323696	15.00 -0.48 0.00	11.03 -0.33 0.00	8.86 -0.28 0.00	9.07 -0.30 0.00	8.95 -0.30 0.00	9.09 -0.33 0.00	8.85 -0.27 0.00	9.06 -0.23 0.00	12.77 -0.30 0.00	12.92 -0.26 0.00	13.95 -0.30 0.00	14.59 -0.28 0.00	15.08 -0.32 0.00	16.18 -0.38 0.00	17.89 -0.36 0.00	18.94 -0.43 0.00	21.93 -0.47 0.00	26.52 -0.54 0.00	27.39 -0.45 0.00	27.32 -0.39 0.00	24.69 -0.56 0.00	22.12 -0.54 0.00	19.65 -0.46 0.00	18.12 -0.43 0.00
MARSHVLE_115KV_TB1 80742	17.59 1.10 -1.02	17.55 0.74 -5.45	18.10 0.59 -8.36	16.62 0.58 -6.67	16.23 0.59 -6.40	15.47 0.62 -5.43	16.71 0.59 -6.99	17.16 0.60 -7.26	13.91 0.84 0.00	14.04 0.86 0.00	15.16 0.91 0.00	15.88 1.01 0.00	16.43 1.03 0.00	17.66 1.09 0.00	19.49 1.24 0.00	20.76 1.39 0.00	24.17 1.77 0.00	29.38 2.33 0.00	36.56 2.56 -6.15	34.41 2.58 -4.13	33.78 2.42 -6.11	31.55 2.13 -6.75	21.82 1.71 0.00	20.05 1.50 0.00
MARSH_HILL_WT_PWR 323713	16.06 0.45 -0.14	12.50 0.40 -0.74	10.62 0.34 -1.13	10.64 0.36 -0.91	10.48 0.37 -0.87	10.58 0.42 -0.74	10.46 0.38 -0.95	10.57 0.29 -0.99	13.51 0.43 0.00	13.62 0.43 0.00	14.80 0.56 0.00	15.50 0.62 0.00	15.99 0.59 0.00	17.14 0.58 0.00	18.85 0.60 0.00	19.94 0.58 0.00	22.96 0.56 0.00	27.44 0.38 0.00	28.89 0.53 -0.52	28.47 0.42 -0.35	26.46 0.71 -0.51	23.80 0.57 -0.57	20.89 0.78 0.00	19.53 0.98 0.00
MCINTYRE_115KV_TB2 80467	15.07 -0.40 0.00	11.05 -0.32 0.00	8.88 -0.27 0.00	9.08 -0.29 0.00	8.97 -0.28 0.00	9.09 -0.33 0.00	8.83 -0.29 0.00	9.05 -0.25 0.00	12.70 -0.38 0.00	12.87 -0.32 0.00	13.86 -0.38 0.00	14.47 -0.40 0.00	14.97 -0.43 0.00	16.08 -0.48 0.00	17.81 -0.44 0.00	18.90 -0.46 0.00	21.93 -0.47 0.00	26.57 -0.49 0.00	27.48 -0.36 0.00	27.48 -0.22 0.00	24.79 -0.45 0.00	22.19 -0.48 0.00	19.70 -0.40 0.00	18.10 -0.45 0.00
MECO____69_KV_BK1 80468	17.99 1.55 -0.97	17.61 1.07 -5.17	17.94 0.86 -7.94	16.53 0.82 -6.34	16.17 0.85 -6.08	15.48 0.90 -5.16	16.62 0.85 -6.64	17.03 0.84 -6.90	14.20 1.12 0.00	14.32 1.13 0.00	15.42 1.17 0.00	16.05 1.17 0.00	16.62 1.22 0.00	17.84 1.28 0.00	19.77 1.51 0.00	21.09 1.72 0.00	24.71 2.31 0.00	30.11 3.06 0.00	37.80 3.40 -6.56	35.49 3.38 -4.41	34.92 3.16 -6.52	32.63 2.77 -7.20	22.74 2.63 0.00	20.86 2.32 0.00
MENANDS__115KV_TB5 355628	16.88 0.57 -0.83	16.28 0.48 -4.44	16.34 0.38 -6.81	15.20 0.40 -5.43	14.85 0.40 -5.21	14.25 0.41 -4.42	15.21 0.39 -5.69	15.59 0.38 -5.91	13.60 0.52 0.00	13.68 0.50 0.00	14.76 0.51 0.00	15.41 0.54 0.00	15.95 0.55 0.00	17.18 0.61 0.00	18.91 0.66 0.00	20.08 0.72 0.00	23.21 0.81 0.00	28.06 1.00 0.00	34.16 1.03 -5.29	32.25 1.00 -3.55	31.43 0.93 -5.25	29.32 0.86 -5.79	20.89 0.78 0.00	19.19 0.65 0.00
MG INDUSTRY__DRP 24185	16.86 0.57 -0.81	16.16 0.47 -4.33	16.17 0.38 -6.64	15.06 0.39 -5.30	14.72 0.39 -5.08	14.14 0.40 -4.32	15.07 0.38 -5.56	15.44 0.37 -5.77	13.58 0.51 0.00	13.67 0.49 0.00	14.75 0.50 0.00	15.41 0.54 0.00	15.95 0.55 0.00	17.18 0.61 0.00	18.94 0.69 0.00	20.10 0.74 0.00	23.25 0.85 0.00	28.11 1.06 0.00	33.04 1.06 -4.14	31.51 1.03 -2.78	30.34 0.98 -4.11	28.12 0.91 -4.54	20.93 0.82 0.00	19.27 0.72 0.00
MID__OSWEGATCHIE_HYD 23849	15.23 -0.26 -0.02	11.21 -0.25 -0.10	9.09 -0.21 -0.15	9.26 -0.22 -0.12	9.15 -0.21 -0.12	9.28 -0.24 -0.10	9.03 -0.22 -0.13	9.23 -0.20 -0.13	12.76 -0.31 0.00	12.91 -0.28 0.00	13.92 -0.33 0.00	14.51 -0.36 0.00	15.02 -0.39 0.00	16.13 -0.43 0.00	17.79 -0.46 0.00	18.90 -0.46 0.00	21.91 -0.49 0.00	26.60 -0.46 0.00	27.51 -0.33 0.00	27.51 -0.19 0.00	24.92 -0.33 0.00	22.35 -0.32 0.00	19.85 -0.26 0.00	18.27 -0.28 0.00
MID__RAQUETTE_HYD 23851	14.83 -0.65 0.00	10.89 -0.48 0.00	8.75 -0.39 0.00	8.95 -0.41 0.00	8.85 -0.40 0.00	8.96 -0.45 0.00	8.72 -0.40 0.00	8.92 -0.37 0.00	12.54 -0.54 0.00	12.68 -0.50 0.00	13.68 -0.57 0.00	14.26 -0.61 0.00	14.77 -0.63 0.00	15.85 -0.71 0.00	17.54 -0.71 0.00	18.61 -0.76 0.00	21.57 -0.83 0.00	26.11 -0.95 0.00	26.98 -0.86 0.00	26.93 -0.78 0.00	24.34 -0.91 0.00	21.81 -0.86 0.00	19.38 -0.72 0.00	17.82 -0.72 0.00
MILLIKEN__1 23584	16.07 0.46 -0.13	12.39 0.31 -0.72	10.49 0.25 -1.10	10.49 0.24 -0.88	10.33 0.24 -0.84	10.39 0.26 -0.72	10.29 0.25 -0.92	10.49 0.23 -0.96	13.38 0.30 0.00	13.50 0.32 0.00	14.62 0.37 0.00	15.26 0.39 0.00	15.79 0.39 0.00	16.98 0.41 0.00	18.67 0.42 0.00	19.83 0.46 0.00	22.96 0.56 0.00	27.73 0.68 0.00	29.17 0.81 -0.52	28.86 0.80 -0.35	26.57 0.81 -0.51	23.94 0.70 -0.57	20.75 0.64 0.00	19.19 0.65 0.00
MILLIKEN__2 23585	16.07 0.46 -0.13	12.39 0.31 -0.72	10.49 0.25 -1.10	10.49 0.24 -0.88	10.33 0.24 -0.84	10.39 0.26 -0.72	10.29 0.25 -0.92	10.49 0.23 -0.96	13.38 0.30 0.00	13.50 0.32 0.00	14.62 0.37 0.00	15.26 0.39 0.00	15.79 0.39 0.00	16.98 0.41 0.00	18.67 0.42 0.00	19.83 0.46 0.00	22.96 0.56 0.00	27.73 0.68 0.00	29.17 0.81 -0.52	28.86 0.80 -0.35	26.57 0.81 -0.51	23.94 0.70 -0.57	20.75 0.64 0.00	19.19 0.65 0.00
MILLIKEN__DIESEL 23629	16.07 0.46 -0.13	12.39 0.31 -0.72	10.49 0.25 -1.10	10.49 0.24 -0.88	10.33 0.24 -0.84	10.39 0.26 -0.72	10.29 0.25 -0.92	10.49 0.23 -0.96	13.38 0.30 0.00	13.50 0.32 0.00	14.62 0.37 0.00	15.26 0.39 0.00	15.79 0.39 0.00	16.98 0.41 0.00	18.67 0.42 0.00	19.83 0.46 0.00	22.96 0.56 0.00	27.73 0.68 0.00	29.17 0.81 -0.52	28.86 0.80 -0.35	26.57 0.81 -0.51	23.94 0.70 -0.57	20.75 0.64 0.00	19.19 0.65 0.00
MILLSEAT__LFGE 323607	15.47 -0.11 -0.10	11.98 0.07 -0.55	10.10 0.11 -0.84	10.18 0.14 -0.67	10.04 0.15 -0.65	10.16 0.20 -0.55	9.97 0.14 -0.71	10.02 -0.01 -0.73	12.97 -0.11 0.00	13.01 -0.17 0.00	14.19 -0.06 0.00	14.92 0.04 0.00	15.35 -0.05 0.00	16.45 -0.12 0.00	18.10 -0.15 0.00	19.07 -0.29 0.00	21.93 -0.47 0.00	26.00 -1.06 0.00	27.23 -0.98 -0.37	26.84 -1.11 -0.25	25.18 -0.43 -0.37	22.62 -0.45 -0.40	20.13 0.02 0.00	18.94 0.39 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	17.19 1.07 -0.64	15.57 0.76 -3.44	15.03 0.60 -5.28	14.20 0.62 -4.22	13.89 0.60 -4.04	13.45 0.60 -3.43	14.14 0.59 -4.42	14.52 0.63 -4.59	14.06 0.98 0.00	14.12 0.94 0.00	15.23 0.98 0.00	15.84 0.97 0.00	16.45 1.05 0.00	17.74 1.18 0.00	19.40 1.15 0.00	20.58 1.22 0.00	23.81 1.41 0.00	28.90 1.84 0.00	32.09 1.87 -2.38	31.08 1.77 -1.60	29.35 1.74 -2.36	26.84 1.56 -2.61	21.35 1.25 0.00	19.64 1.09 0.00

MILLWOOD_13_KV_LOAD 356217	17.22 1.10 -0.64	15.58 0.77 -3.44	15.04 0.61 -5.28	14.22 0.64 -4.22	13.89 0.60 -4.04	13.45 0.60 -3.43	14.13 0.58 -4.42	14.52 0.63 -4.59	14.06 0.98 0.00	14.13 0.95 0.00	15.23 0.98 0.00	15.84 0.97 0.00	16.46 1.06 0.00	17.74 1.18 0.00	19.42 1.17 0.00	20.60 1.24 0.00	23.86 1.46 0.00	28.98 1.92 0.00	32.17 1.95 -2.38	31.16 1.86 -1.60	29.40 1.79 -2.36	26.89 1.61 -2.61	21.37 1.27 0.00	19.66 1.11 0.00
MODEL_CITY_ENERGY 24167	15.19 -0.39 -0.10	11.80 -0.12 -0.56	9.95 -0.05 -0.86	10.03 -0.02 -0.68	9.90 0.00 -0.66	10.01 0.04 -0.56	9.84 0.00 -0.72	9.88 -0.16 -0.74	12.75 -0.33 0.00	12.83 -0.36 0.00	13.98 -0.27 0.00	14.69 -0.18 0.00	15.11 -0.29 0.00	16.20 -0.36 0.00	17.79 -0.46 0.00	18.76 -0.60 0.00	21.53 -0.87 0.00	25.49 -1.57 0.00	26.63 -1.59 -0.38	26.24 -1.72 -0.25	24.61 -1.01 -0.37	22.13 -0.95 -0.41	19.75 -0.36 0.00	18.58 0.04 0.00
MODERN_LFGE_ 323580	15.19 -0.39 -0.10	11.80 -0.12 -0.56	9.95 -0.05 -0.86	10.03 -0.02 -0.68	9.90 0.00 -0.66	10.01 0.04 -0.56	9.84 0.00 -0.72	9.88 -0.16 -0.74	12.75 -0.33 0.00	12.83 -0.36 0.00	13.98 -0.27 0.00	14.69 -0.18 0.00	15.11 -0.29 0.00	16.20 -0.36 0.00	17.79 -0.46 0.00	18.76 -0.60 0.00	21.53 -0.87 0.00	25.49 -1.57 0.00	26.63 -1.59 -0.38	26.24 -1.72 -0.25	24.61 -1.01 -0.37	22.13 -0.95 -0.41	19.75 -0.36 0.00	18.58 0.04 0.00
MOHAWK_PAPER__DRP 24187	17.06 0.76 -0.83	16.40 0.58 -4.46	16.45 0.47 -6.84	15.30 0.48 -5.46	14.95 0.47 -5.23	14.35 0.49 -4.44	15.31 0.47 -5.72	15.69 0.46 -5.94	13.72 0.64 0.00	13.80 0.62 0.00	14.90 0.66 0.00	15.56 0.68 0.00	16.11 0.71 0.00	17.32 0.76 0.00	19.11 0.86 0.00	20.31 0.95 0.00	23.52 1.12 0.00	28.46 1.41 0.00	34.90 1.48 -5.59	32.90 1.44 -3.75	32.16 1.36 -5.55	30.02 1.22 -6.13	21.19 1.09 0.00	19.47 0.93 0.00
MOHICAN__35_KV_115KV_LD 80490	17.56 1.24 -0.85	16.80 0.88 -4.56	16.86 0.71 -7.00	15.65 0.70 -5.59	15.32 0.72 -5.36	14.72 0.75 -4.55	15.69 0.71 -5.85	16.08 0.71 -5.85	14.08 1.01 0.00	14.20 1.02 0.00	15.25 1.00 0.00	16.00 1.13 0.00	16.57 1.17 0.00	17.71 1.14 0.00	19.64 1.39 0.00	20.89 1.53 0.00	24.42 2.02 0.00	29.52 2.46 0.00	37.63 2.81 -6.98	35.13 2.74 -4.69	34.75 2.57 -6.93	32.59 2.27 -7.65	22.06 1.95 0.00	20.27 1.72 0.00
MONGAUP__HYD 23641	16.99 0.93 -0.59	15.16 0.64 -3.16	14.50 0.51 -4.84	13.76 0.53 -3.86	13.46 0.51 -3.71	13.10 0.54 -3.15	13.70 0.52 -4.05	14.04 0.54 -4.21	13.87 0.80 0.00	13.93 0.75 0.00	15.00 0.75 0.00	15.64 0.77 0.00	16.23 0.83 0.00	17.44 0.88 0.00	19.11 0.86 0.00	20.29 0.93 0.00	23.52 1.12 0.00	28.41 1.35 0.00	31.11 1.08 -2.18	30.20 1.03 -1.47	28.67 1.26 -2.17	26.35 1.29 -2.39	21.21 1.11 0.00	19.49 0.95 0.00
MONTAUK__DIESEL 23721	18.10 1.98 -0.65	16.23 1.40 -3.46	15.64 1.18 -5.32	14.80 1.19 -4.24	14.39 1.07 -4.07	13.80 0.93 -3.45	14.65 1.08 -4.45	15.07 1.15 -4.62	14.40 1.32 0.00	14.46 1.28 0.00	15.74 1.50 0.00	16.60 1.73 0.00	17.29 1.89 0.00	18.63 2.07 0.00	20.31 2.06 0.00	21.65 2.28 0.00	25.23 2.80 -0.02	30.44 3.38 0.00	33.69 3.45 -2.39	32.67 3.35 -1.61	30.98 3.36 -2.38	28.22 2.92 -2.63	22.58 2.47 0.00	20.66 2.11 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	15.76 0.17 -0.12	12.31 0.31 -0.64	10.42 0.29 -0.98	10.50 0.35 -0.78	10.36 0.36 -0.75	10.49 0.43 -0.64	10.36 0.41 -0.82	10.46 0.31 -0.85	13.61 0.54 0.00	13.72 0.54 0.00	14.95 0.70 0.00	15.70 0.83 0.00	16.15 0.75 0.00	17.31 0.75 0.00	18.96 0.71 0.00	19.94 0.58 0.00	22.76 0.36 0.00	26.98 -0.08 0.00	28.30 0.00 -0.46	27.84 -0.17 -0.31	25.97 0.28 -0.45	23.28 0.11 -0.50	20.59 0.48 0.00	19.19 0.65 0.00
MORTIMER_115KV_TB3 55949	15.64 0.08 -0.08	11.93 0.13 -0.44	9.95 0.13 -0.68	10.06 0.15 -0.54	9.91 0.14 -0.52	10.03 0.17 -0.44	9.82 0.13 -0.57	9.95 0.07 -0.59	13.05 -0.03 0.00	13.14 -0.04 0.00	14.30 0.06 0.00	15.04 0.16 0.00	15.49 0.09 0.00	16.65 0.08 0.00	18.34 0.09 0.00	19.40 0.04 0.00	22.33 -0.07 0.00	26.62 -0.43 0.00	27.79 -0.33 -0.29	27.45 -0.44 -0.19	25.48 -0.05 -0.29	22.92 -0.07 -0.32	20.19 0.08 0.00	18.82 0.28 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	17.31 1.19 -0.65	15.68 0.85 -3.46	15.13 0.67 -5.31	14.30 0.69 -4.24	13.98 0.67 -4.07	13.54 0.67 -3.45	14.22 0.65 -4.44	14.63 0.72 -4.62	14.17 1.10 0.00	14.23 1.04 0.00	15.34 1.10 0.00	15.94 1.07 0.00	16.57 1.17 0.00	17.85 1.29 0.00	19.51 1.26 0.00	20.68 1.32 0.00	23.90 1.50 0.00	29.06 2.00 0.00	32.24 2.00 -2.39	31.25 1.94 -1.61	29.49 1.87 -2.38	26.97 1.68 -2.62	21.43 1.33 0.00	19.75 1.21 0.00
MUNSVILLE_WIND_PWR 323609	17.05 1.38 -0.20	13.22 0.78 -1.08	11.43 0.64 -1.65	11.32 0.64 -1.32	11.13 0.62 -1.26	11.13 0.64 -1.07	11.12 0.61 -1.38	11.41 0.68 -1.43	13.95 0.88 0.00	14.17 0.99 0.00	15.33 1.08 0.00	15.93 1.06 0.00	16.46 1.06 0.00	17.79 1.23 0.00	19.44 1.19 0.00	20.72 1.35 0.00	24.10 1.70 0.00	29.28 2.22 0.00	31.30 2.48 -0.98	30.94 2.58 -0.66	28.54 2.32 -0.97	25.69 1.95 -1.07	21.86 1.75 0.00	20.22 1.67 0.00
N SALMON__HYD 24042	15.01 -0.46 0.00	11.07 -0.30 0.00	8.88 -0.27 0.00	9.09 -0.28 0.00	8.98 -0.27 0.00	9.09 -0.32 0.00	8.87 -0.26 0.00	9.09 -0.20 0.00	12.80 -0.28 0.00	12.96 -0.22 0.00	13.98 -0.27 0.00	14.60 -0.27 0.00	15.09 -0.31 0.00	16.20 -0.36 0.00	17.92 -0.33 0.00	18.99 -0.37 0.00	22.00 -0.40 0.00	26.60 -0.46 0.00	27.51 -0.33 0.00	27.46 -0.25 0.00	24.79 -0.45 0.00	22.19 -0.48 0.00	19.75 -0.36 0.00	18.17 -0.37 0.00
N.AKRON__115KV_KNAPP 355671	15.48 -0.09 -0.10	11.99 0.08 -0.55	10.10 0.12 -0.84	10.19 0.15 -0.67	10.05 0.16 -0.64	10.17 0.21 -0.55	9.98 0.15 -0.70	10.04 0.01 -0.73	12.98 -0.09 0.00	13.05 -0.13 0.00	14.22 -0.03 0.00	14.95 0.07 0.00	15.37 -0.03 0.00	16.46 -0.10 0.00	18.12 -0.13 0.00	19.11 -0.25 0.00	21.95 -0.45 0.00	25.98 -1.08 0.00	27.23 -0.97 -0.37	26.84 -1.11 -0.25	25.16 -0.45 -0.37	22.62 -0.45 -0.40	20.15 0.04 0.00	18.93 0.39 0.00
N.BELMOR_69_KV_BK1 55787	17.62 1.50 -0.65	15.87 1.05 -3.46	15.30 0.84 -5.32	14.47 0.86 -4.24	14.11 0.80 -4.07	13.61 0.74 -3.45	14.35 0.78 -4.45	14.76 0.85 -4.62	14.21 1.14 0.00	14.29 1.11 0.00	15.52 1.27 0.00	16.24 1.37 0.00	16.88 1.48 0.00	18.19 1.62 0.00	19.89 1.64 0.00	21.11 1.74 0.00	24.42 1.99 -0.02	29.60 2.54 0.00	32.80 2.56 -2.39	31.81 2.49 -1.61	30.05 2.42 -2.38	27.47 2.18 -2.63	21.92 1.81 0.00	20.18 1.63 0.00
N.E._GEN_SANDY PD 24062	17.07 0.85 -0.74	15.96 0.61 -3.98	15.75 0.50 -6.11	14.76 0.52 -4.87	14.43 0.51 -4.67	13.90 0.52 -3.97	14.74 0.51 -5.11	15.10 0.50 -5.30	13.83 0.76 0.00	13.90 0.71 0.00	14.97 0.73 0.00	15.60 0.73 0.00	16.17 0.77 0.00	17.41 0.84 0.00	19.13 0.88 0.00	20.29 0.93 0.00	23.50 1.10 0.00	28.43 1.38 0.00	32.56 1.39 -3.33	31.30 1.36 -2.24	29.84 1.29 -3.31	27.50 1.18 -3.65	21.17 1.06 0.00	19.45 0.91 0.00

N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	17.15 1.05 -0.62	15.45 0.75 -3.34	14.86 0.59 -5.12	14.06 0.61 -4.09	13.75 0.59 -3.92	13.33 0.59 -3.33	13.99 0.58 -4.28	14.38 0.63 -4.45	14.04 0.97 0.00	14.12 0.94 0.00	15.22 0.97 0.00	15.81 0.94 0.00	16.43 1.03 0.00	17.71 1.14 0.00	19.35 1.10 0.00	20.52 1.16 0.00	23.77 1.37 0.00	28.87 1.81 0.00	31.96 1.81 -2.31	31.00 1.75 -1.55	29.23 1.69 -2.29	26.72 1.52 -2.53	21.33 1.23 0.00	19.62 1.08 0.00
N.QUEENS_27_KV_LOAD 356247	17.48 1.36 -0.65	15.87 1.05 -3.46	15.28 0.82 -5.31	14.44 0.83 -4.24	14.12 0.80 -4.07	13.58 0.72 -3.45	14.15 0.58 -4.44	14.46 0.55 -4.62	13.86 0.78 0.00	13.91 0.73 0.00	15.30 1.05 0.00	15.90 1.03 0.00	16.54 1.14 0.00	17.82 1.26 0.00	19.40 1.15 0.00	20.58 1.22 0.00	23.74 1.34 0.00	28.95 1.89 0.00	32.13 1.89 -2.39	31.11 1.80 -1.61	29.36 1.74 -2.38	26.83 1.54 -2.62	21.33 1.23 0.00	19.90 1.35 0.00
N.TROY___115KV_TB1 355778	17.10 0.79 -0.83	16.43 0.59 -4.47	16.49 0.48 -6.86	15.33 0.49 -5.47	14.99 0.49 -5.25	14.38 0.51 -4.46	15.35 0.48 -5.74	15.73 0.47 -5.96	13.75 0.68 0.00	13.83 0.65 0.00	14.92 0.67 0.00	15.57 0.70 0.00	16.12 0.72 0.00	17.34 0.78 0.00	19.11 0.86 0.00	20.29 0.93 0.00	23.54 1.14 0.00	28.46 1.41 0.00	35.55 1.48 -6.24	33.36 1.47 -4.19	32.80 1.36 -6.19	30.75 1.25 -6.84	21.23 1.13 0.00	19.51 0.96 0.00
NARROWS_GT1_1 24228	17.39 1.27 -0.65	15.71 0.89 -3.46	15.16 0.70 -5.31	14.33 0.72 -4.24	14.00 0.68 -4.07	13.54 0.67 -3.45	14.22 0.65 -4.44	14.62 0.71 -4.62	14.19 1.11 0.00	14.24 1.06 0.00	15.32 1.07 0.00	15.91 1.04 0.00	16.56 1.16 0.00	17.84 1.28 0.00	19.45 1.20 0.00	20.64 1.28 0.00	23.81 1.41 0.00	29.09 2.03 0.00	32.27 2.03 -2.39	31.25 1.94 -1.61	29.49 1.87 -2.38	27.01 1.72 -2.62	21.43 1.33 0.00	19.84 1.30 0.00
NARROWS_GT1_2 24229	17.39 1.27 -0.65	15.71 0.89 -3.46	15.16 0.70 -5.31	14.33 0.72 -4.24	14.00 0.68 -4.07	13.54 0.67 -3.45	14.22 0.65 -4.44	14.62 0.71 -4.62	14.19 1.11 0.00	14.24 1.06 0.00	15.32 1.07 0.00	15.91 1.04 0.00	16.56 1.16 0.00	17.84 1.28 0.00	19.45 1.20 0.00	20.64 1.28 0.00	23.81 1.41 0.00	29.09 2.03 0.00	32.27 2.03 -2.39	31.25 1.94 -1.61	29.49 1.87 -2.38	27.01 1.72 -2.62	21.43 1.33 0.00	19.84 1.30 0.00
NARROWS_GT1_3 24230	17.39 1.27 -0.65	15.71 0.89 -3.46	15.16 0.70 -5.31	14.33 0.72 -4.24	14.00 0.68 -4.07	13.54 0.67 -3.45	14.22 0.65 -4.44	14.62 0.71 -4.62	14.19 1.11 0.00	14.24 1.06 0.00	15.32 1.07 0.00	15.91 1.04 0.00	16.56 1.16 0.00	17.84 1.28 0.00	19.45 1.20 0.00	20.64 1.28 0.00	23.81 1.41 0.00	29.09 2.03 0.00	32.27 2.03 -2.39	31.25 1.94 -1.61	29.49 1.87 -2.38	27.01 1.72 -2.62	21.43 1.33 0.00	19.84 1.30 0.00
NARROWS_GT1_4 24231	17.39 1.27 -0.65	15.71 0.89 -3.46	15.16 0.70 -5.31	14.33 0.72 -4.24	14.00 0.68 -4.07	13.54 0.67 -3.45	14.22 0.65 -4.44	14.62 0.71 -4.62	14.19 1.11 0.00	14.24 1.06 0.00	15.32 1.07 0.00	15.91 1.04 0.00	16.56 1.16 0.00	17.84 1.28 0.00	19.45 1.20 0.00	20.64 1.28 0.00	23.81 1.41 0.00	29.09 2.03 0.00	32.27 2.03 -2.39	31.25 1.94 -1.61	29.49 1.87 -2.38	27.01 1.72 -2.62	21.43 1.33 0.00	19.84 1.30 0.00
NARROWS_GT1_5 24232	17.39 1.27 -0.65	15.71 0.89 -3.46	15.16 0.70 -5.31	14.33 0.72 -4.24	14.00 0.68 -4.07	13.54 0.67 -3.45	14.22 0.65 -4.44	14.62 0.71 -4.62	14.19 1.11 0.00	14.24 1.06 0.00	15.32 1.07 0.00	15.91 1.04 0.00	16.56 1.16 0.00	17.84 1.28 0.00	19.45 1.20 0.00	20.64 1.28 0.00	23.81 1.41 0.00	29.09 2.03 0.00	32.27 2.03 -2.39	31.25 1.94 -1.61	29.49 1.87 -2.38	27.01 1.72 -2.62	21.43 1.33 0.00	19.84 1.30 0.00
NARROWS_GT1_6 24233	17.39 1.27 -0.65	15.71 0.89 -3.46	15.16 0.70 -5.31	14.33 0.72 -4.24	14.00 0.68 -4.07	13.54 0.67 -3.45	14.22 0.65 -4.44	14.62 0.71 -4.62	14.19 1.11 0.00	14.24 1.06 0.00	15.32 1.07 0.00	15.91 1.04 0.00	16.56 1.16 0.00	17.84 1.28 0.00	19.45 1.20 0.00	20.64 1.28 0.00	23.81 1.41 0.00	29.09 2.03 0.00	32.27 2.03 -2.39	31.25 1.94 -1.61	29.49 1.87 -2.38	27.01 1.72 -2.62	21.43 1.33 0.00	19.84 1.30 0.00
NARROWS_GT1_7 24234	17.39 1.27 -0.65	15.71 0.89 -3.46	15.16 0.70 -5.31	14.33 0.72 -4.24	14.00 0.68 -4.07	13.54 0.67 -3.45	14.22 0.65 -4.44	14.62 0.71 -4.62	14.19 1.11 0.00	14.24 1.06 0.00	15.32 1.07 0.00	15.91 1.04 0.00	16.56 1.16 0.00	17.84 1.28 0.00	19.45 1.20 0.00	20.64 1.28 0.00	23.81 1.41 0.00	29.09 2.03 0.00	32.27 2.03 -2.39	31.25 1.94 -1.61	29.49 1.87 -2.38	27.01 1.72 -2.62	21.43 1.33 0.00	19.84 1.30 0.00
NARROWS_GT1_8 24235	17.39 1.27 -0.65	15.71 0.89 -3.46	15.16 0.70 -5.31	14.33 0.72 -4.24	14.00 0.68 -4.07	13.54 0.67 -3.45	14.22 0.65 -4.44	14.62 0.71 -4.62	14.19 1.11 0.00	14.24 1.06 0.00	15.32 1.07 0.00	15.91 1.04 0.00	16.56 1.16 0.00	17.84 1.28 0.00	19.45 1.20 0.00	20.64 1.28 0.00	23.81 1.41 0.00	29.09 2.03 0.00	32.27 2.03 -2.39	31.25 1.94 -1.61	29.49 1.87 -2.38	27.01 1.72 -2.62	21.43 1.33 0.00	19.84 1.30 0.00
NARROWS_GT2_1 24236	17.39 1.27 -0.65	15.71 0.89 -3.46	15.16 0.70 -5.31	14.33 0.72 -4.24	14.00 0.68 -4.07	13.54 0.67 -3.45	14.22 0.65 -4.44	14.62 0.71 -4.62	14.19 1.11 0.00	14.24 1.06 0.00	15.32 1.07 0.00	15.91 1.04 0.00	16.56 1.16 0.00	17.84 1.28 0.00	19.45 1.20 0.00	20.64 1.28 0.00	23.81 1.41 0.00	29.09 2.03 0.00	32.27 2.03 -2.39	31.25 1.94 -1.61	29.49 1.87 -2.38	27.01 1.72 -2.62	21.43 1.33 0.00	19.84 1.30 0.00
NARROWS_GT2_2 24237	17.39 1.27 -0.65	15.71 0.89 -3.46	15.16 0.70 -5.31	14.33 0.72 -4.24	14.00 0.68 -4.07	13.54 0.67 -3.45	14.22 0.65 -4.44	14.62 0.71 -4.62	14.19 1.11 0.00	14.24 1.06 0.00	15.32 1.07 0.00	15.91 1.04 0.00	16.56 1.16 0.00	17.84 1.28 0.00	19.45 1.20 0.00	20.64 1.28 0.00	23.81 1.41 0.00	29.09 2.03 0.00	32.27 2.03 -2.39	31.25 1.94 -1.61	29.49 1.87 -2.38	27.01 1.72 -2.62	21.43 1.33 0.00	19.84 1.30 0.00
NARROWS_GT2_3 24238	17.39 1.27 -0.65	15.71 0.89 -3.46	15.16 0.70 -5.31	14.33 0.72 -4.24	14.00 0.68 -4.07	13.54 0.67 -3.45	14.22 0.65 -4.44	14.62 0.71 -4.62	14.19 1.11 0.00	14.24 1.06 0.00	15.32 1.07 0.00	15.91 1.04 0.00	16.56 1.16 0.00	17.84 1.28 0.00	19.45 1.20 0.00	20.64 1.28 0.00	23.81 1.41 0.00	29.09 2.03 0.00	32.27 2.03 -2.39	31.25 1.94 -1.61	29.49 1.87 -2.38	27.01 1.72 -2.62	21.43 1.33 0.00	19.84 1.30 0.00
NARROWS_GT2_4 24239	17.39 1.27 -0.65	15.71 0.89 -3.46	15.16 0.70 -5.31	14.33 0.72 -4.24	14.00 0.68 -4.07	13.54 0.67 -3.45	14.22 0.65 -4.44	14.62 0.71 -4.62	14.19 1.11 0.00	14.24 1.06 0.00	15.32 1.07 0.00	15.91 1.04 0.00	16.56 1.16 0.00	17.84 1.28 0.00	19.45 1.20 0.00	20.64 1.28 0.00	23.81 1.41 0.00	29.09 2.03 0.00	32.27 2.03 -2.39	31.25 1.94 -1.61	29.49 1.87 -2.38	27.01 1.72 -2.62	21.43 1.33 0.00	19.84 1.30 0.00

NARROWS_GT2_5 24240	17.39 1.27 -0.65	15.71 0.89 -3.46	15.16 0.70 -5.31	14.33 0.72 -4.24	14.00 0.68 -4.07	13.54 0.67 -3.45	14.22 0.65 -4.44	14.62 0.71 -4.62	14.19 1.11 0.00	14.24 1.06 0.00	15.32 1.07 0.00	15.91 1.04 0.00	16.56 1.16 0.00	17.84 1.28 0.00	19.45 1.20 0.00	20.64 1.28 0.00	23.81 1.41 0.00	29.09 2.03 0.00	32.27 2.03 -2.39	31.25 1.94 -1.61	29.49 1.87 -2.38	27.01 1.72 -2.62	21.43 1.33 0.00	19.84 1.30 0.00
NARROWS_GT2_6 24241	17.39 1.27 -0.65	15.71 0.89 -3.46	15.16 0.70 -5.31	14.33 0.72 -4.24	14.00 0.68 -4.07	13.54 0.67 -3.45	14.22 0.65 -4.44	14.62 0.71 -4.62	14.19 1.11 0.00	14.24 1.06 0.00	15.32 1.07 0.00	15.91 1.04 0.00	16.56 1.16 0.00	17.84 1.28 0.00	19.45 1.20 0.00	20.64 1.28 0.00	23.81 1.41 0.00	29.09 2.03 0.00	32.27 2.03 -2.39	31.25 1.94 -1.61	29.49 1.87 -2.38	27.01 1.72 -2.62	21.43 1.33 0.00	19.84 1.30 0.00
NARROWS_GT2_7 24242	17.39 1.27 -0.65	15.71 0.89 -3.46	15.16 0.70 -5.31	14.33 0.72 -4.24	14.00 0.68 -4.07	13.54 0.67 -3.45	14.22 0.65 -4.44	14.62 0.71 -4.62	14.19 1.11 0.00	14.24 1.06 0.00	15.32 1.07 0.00	15.91 1.04 0.00	16.56 1.16 0.00	17.84 1.28 0.00	19.45 1.20 0.00	20.64 1.28 0.00	23.81 1.41 0.00	29.09 2.03 0.00	32.27 2.03 -2.39	31.25 1.94 -1.61	29.49 1.87 -2.38	27.01 1.72 -2.62	21.43 1.33 0.00	19.84 1.30 0.00
NARROWS_GT2_8 24243	17.39 1.27 -0.65	15.71 0.89 -3.46	15.16 0.70 -5.31	14.33 0.72 -4.24	14.00 0.68 -4.07	13.54 0.67 -3.45	14.22 0.65 -4.44	14.62 0.71 -4.62	14.19 1.11 0.00	14.24 1.06 0.00	15.32 1.07 0.00	15.91 1.04 0.00	16.56 1.16 0.00	17.84 1.28 0.00	19.45 1.20 0.00	20.64 1.28 0.00	23.81 1.41 0.00	29.09 2.03 0.00	32.27 2.03 -2.39	31.25 1.94 -1.61	29.49 1.87 -2.38	27.01 1.72 -2.62	21.43 1.33 0.00	19.84 1.30 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	16.80 0.56 -0.77	15.95 0.45 -4.13	15.86 0.38 -6.34	14.81 0.38 -5.06	14.48 0.39 -4.85	13.97 0.43 -4.12	14.84 0.41 -5.30	15.18 0.38 -5.50	13.64 0.56 0.00	13.72 0.54 0.00	14.73 0.48 0.00	15.44 0.57 0.00	15.97 0.57 0.00	17.14 0.58 0.00	18.94 0.69 0.00	20.12 0.76 0.00	23.36 0.96 0.00	28.36 1.30 0.00	33.13 1.36 -3.93	31.70 1.36 -2.64	30.43 1.29 -3.90	28.11 1.13 -4.30	21.11 1.01 0.00	19.38 0.83 0.00
NCHELSEA_115KV_TR2 355582	17.20 1.08 -0.64	15.57 0.75 -3.46	15.05 0.60 -5.30	14.22 0.62 -4.23	13.90 0.59 -4.06	13.47 0.61 -3.45	14.16 0.59 -4.44	14.54 0.63 -4.61	14.06 0.98 0.00	14.12 0.94 0.00	15.20 0.95 0.00	15.81 0.94 0.00	16.43 1.03 0.00	17.67 1.11 0.00	19.35 1.10 0.00	20.52 1.16 0.00	23.81 1.41 0.00	28.92 1.87 0.00	32.20 1.95 -2.41	31.18 1.86 -1.62	29.46 1.82 -2.40	26.92 1.61 -2.65	21.37 1.27 0.00	19.64 1.09 0.00
NEG CAPITAL___MECHNVIL 23645	17.34 1.02 -0.84	16.63 0.74 -4.53	16.70 0.60 -6.95	15.51 0.60 -5.55	15.17 0.61 -5.32	14.56 0.63 -4.52	15.54 0.60 -5.81	15.92 0.59 -6.04	13.91 0.84 0.00	14.01 0.83 0.00	15.12 0.87 0.00	15.82 0.95 0.00	16.39 0.99 0.00	17.59 1.03 0.00	19.45 1.20 0.00	20.68 1.32 0.00	24.03 1.63 0.00	29.06 2.00 0.00	36.78 2.17 -6.76	34.38 2.13 -4.54	33.93 1.97 -6.71	31.85 1.77 -7.41	21.66 1.55 0.00	19.90 1.35 0.00
NEG CENTRAL_HIGH_ACRES 23767	15.42 -0.14 -0.08	11.73 -0.07 -0.43	9.77 -0.04 -0.66	9.87 -0.03 -0.53	9.73 -0.03 -0.51	9.85 0.00 -0.43	9.65 -0.03 -0.56	9.79 -0.08 -0.58	12.88 -0.20 0.00	13.00 -0.18 0.00	14.13 -0.11 0.00	14.81 -0.06 0.00	15.28 -0.12 0.00	16.41 -0.15 0.00	18.10 -0.15 0.00	19.17 -0.19 0.00	22.09 -0.31 0.00	26.46 -0.60 0.00	27.56 -0.56 -0.28	27.23 -0.67 -0.19	25.17 -0.35 -0.28	22.63 -0.34 -0.31	19.93 -0.18 0.00	18.53 -0.02 0.00
NEG CENTRAL___DRP 24199	15.76 0.20 -0.09	11.98 0.15 -0.47	10.00 0.13 -0.72	10.07 0.13 -0.58	9.93 0.13 -0.55	10.05 0.16 -0.47	9.87 0.14 -0.61	10.03 0.10 -0.63	13.21 0.13 0.00	13.33 0.15 0.00	14.46 0.21 0.00	15.12 0.25 0.00	15.63 0.23 0.00	16.79 0.23 0.00	18.49 0.24 0.00	19.61 0.25 0.00	22.67 0.27 0.00	27.22 0.16 0.00	28.43 0.28 -0.31	28.13 0.22 -0.21	25.90 0.35 -0.31	23.30 0.29 -0.34	20.43 0.32 0.00	18.93 0.39 0.00
NEG CENTRAL___INDECK 23768	16.18 0.59 -0.12	12.46 0.48 -0.62	10.50 0.40 -0.96	10.55 0.42 -0.76	10.39 0.42 -0.73	10.50 0.46 -0.62	10.32 0.39 -0.80	10.42 0.30 -0.83	13.32 0.25 0.00	13.41 0.22 0.00	14.56 0.31 0.00	15.32 0.45 0.00	15.80 0.40 0.00	16.94 0.38 0.00	18.69 0.44 0.00	19.77 0.41 0.00	22.85 0.45 0.00	27.33 0.27 0.00	28.85 0.59 -0.43	28.60 0.61 -0.29	26.63 0.96 -0.42	23.95 0.81 -0.47	20.97 0.86 0.00	19.55 1.00 0.00
NEG CENTRAL___SENECA 23627	15.88 0.31 -0.10	12.13 0.24 -0.52	10.14 0.19 -0.80	10.21 0.21 -0.64	10.06 0.20 -0.61	10.18 0.24 -0.52	10.02 0.22 -0.67	10.16 0.17 -0.70	13.30 0.22 0.00	13.42 0.24 0.00	14.56 0.31 0.00	15.20 0.33 0.00	15.71 0.31 0.00	16.88 0.31 0.00	18.58 0.33 0.00	19.69 0.33 0.00	22.74 0.34 0.00	27.27 0.22 0.00	28.55 0.36 -0.35	28.22 0.28 -0.23	26.04 0.45 -0.35	23.41 0.36 -0.38	20.57 0.46 0.00	19.10 0.56 0.00
NEG CENTRAL___STATE_STREET 24147	15.76 0.20 -0.09	11.97 0.15 -0.46	9.97 0.12 -0.71	10.03 0.10 -0.56	9.89 0.10 -0.54	10.01 0.13 -0.46	9.84 0.12 -0.59	10.01 0.10 -0.61	13.23 0.16 0.00	13.37 0.18 0.00	14.49 0.24 0.00	15.27 0.40 0.00	15.80 0.40 0.00	16.98 0.41 0.00	18.71 0.46 0.00	19.87 0.50 0.00	22.96 0.56 0.00	27.63 0.57 0.00	28.78 0.64 -0.30	28.52 0.61 -0.20	26.15 0.61 -0.30	23.52 0.52 -0.33	20.45 0.34 0.00	18.92 0.37 0.00
NEG MILLWOOD___DRP 24198	17.26 1.13 -0.65	15.63 0.77 -3.50	15.13 0.62 -5.36	14.29 0.65 -4.28	13.96 0.61 -4.11	13.50 0.60 -3.49	14.19 0.57 -4.49	14.56 0.60 -4.66	14.06 0.98 0.00	14.12 0.94 0.00	15.23 0.98 0.00	15.81 0.94 0.00	16.43 1.03 0.00	17.72 1.16 0.00	19.44 1.19 0.00	20.64 1.28 0.00	23.92 1.52 0.00	29.09 2.03 0.00	32.39 2.12 -2.43	31.33 1.99 -1.63	29.55 1.89 -2.41	27.05 1.72 -2.66	21.43 1.33 0.00	19.68 1.13 0.00
NEG NORTH_FLCN_SEA 23793	15.15 -0.32 0.00	11.16 -0.20 0.00	8.96 -0.18 0.00	9.16 -0.21 0.00	9.05 -0.19 0.00	9.18 -0.24 0.00	8.94 -0.18 0.00	9.17 -0.13 0.00	12.92 -0.16 0.00	13.06 -0.12 0.00	14.11 -0.14 0.00	14.77 -0.10 0.00	15.26 -0.14 0.00	16.35 -0.22 0.00	18.09 -0.16 0.00	19.15 -0.21 0.00	22.20 -0.20 0.00	26.81 -0.24 0.00	27.73 -0.11 0.00	27.65 -0.06 0.00	24.99 -0.25 0.00	22.37 -0.29 0.00	19.87 -0.24 0.00	18.32 -0.22 0.00
NEG NORTH_KES_CHATEGAY 23792	15.00 -0.48 0.00	11.03 -0.33 0.00	8.86 -0.28 0.00	9.07 -0.30 0.00	8.96 -0.29 0.00	9.09 -0.33 0.00	8.85 -0.27 0.00	9.06 -0.23 0.00	12.76 -0.31 0.00	12.91 -0.28 0.00	13.92 -0.33 0.00	14.54 -0.33 0.00	15.03 -0.37 0.00	16.12 -0.45 0.00	17.85 -0.40 0.00	18.90 -0.46 0.00	21.91 -0.49 0.00	26.49 -0.57 0.00	27.39 -0.45 0.00	27.34 -0.36 0.00	24.69 -0.56 0.00	22.12 -0.54 0.00	19.66 -0.44 0.00	18.12 -0.43 0.00

NEG NORTH___ALICE_FALLS 23915	15.15 -0.32 0.00	11.16 -0.20 0.00	8.95 -0.19 0.00	9.16 -0.21 0.00	9.05 -0.19 0.00	9.17 -0.24 0.00	8.94 -0.18 0.00	9.17 -0.13 0.00	12.92 -0.16 0.00	13.08 -0.11 0.00	14.11 -0.14 0.00	14.75 -0.12 0.00	15.25 -0.15 0.00	16.33 -0.23 0.00	18.09 -0.16 0.00	19.15 -0.21 0.00	22.20 -0.20 0.00	26.84 -0.22 0.00	27.78 -0.06 0.00	27.71 0.00 0.00	25.02 -0.23 0.00	22.40 -0.27 0.00	19.91 -0.20 0.00	18.34 -0.20 0.00
NEG NORTH___LWR_SARANAC 23913	15.15 -0.32 0.00	11.16 -0.20 0.00	8.95 -0.19 0.00	9.16 -0.21 0.00	9.05 -0.19 0.00	9.17 -0.24 0.00	8.94 -0.18 0.00	9.17 -0.13 0.00	12.92 -0.16 0.00	13.08 -0.11 0.00	14.11 -0.14 0.00	14.75 -0.12 0.00	15.25 -0.15 0.00	16.33 -0.23 0.00	18.09 -0.16 0.00	19.15 -0.21 0.00	22.20 -0.20 0.00	26.84 -0.22 0.00	27.78 -0.06 0.00	27.71 0.00 0.00	25.02 -0.23 0.00	22.40 -0.27 0.00	19.91 -0.20 0.00	18.34 -0.20 0.00
NEG NORTH___PLATTSBURG 23628	15.15 -0.33 0.00	11.16 -0.20 0.00	8.95 -0.19 0.00	9.16 -0.21 0.00	9.05 -0.19 0.00	9.17 -0.24 0.00	8.94 -0.18 0.00	9.17 -0.13 0.00	12.92 -0.16 0.00	13.08 -0.11 0.00	14.11 -0.14 0.00	14.75 -0.12 0.00	15.25 -0.15 0.00	16.35 -0.22 0.00	18.09 -0.16 0.00	19.15 -0.21 0.00	22.20 -0.20 0.00	26.84 -0.22 0.00	27.78 -0.06 0.00	27.71 0.00 0.00	25.02 -0.23 0.00	22.40 -0.27 0.00	19.91 -0.20 0.00	18.34 -0.20 0.00
NEG WEST_LEA_LOCKPORT 23791	15.35 -0.23 -0.10	11.91 -0.01 -0.55	10.04 0.05 -0.85	10.13 0.08 -0.68	9.99 0.09 -0.65	10.11 0.14 -0.55	9.93 0.09 -0.71	9.97 -0.07 -0.74	12.89 -0.18 0.00	12.97 -0.21 0.00	14.13 -0.11 0.00	14.86 -0.01 0.00	15.28 -0.12 0.00	16.38 -0.18 0.00	18.01 -0.24 0.00	18.98 -0.39 0.00	21.80 -0.60 0.00	25.76 -1.30 0.00	26.96 -1.25 -0.37	26.57 -1.39 -0.25	24.88 -0.73 -0.37	22.37 -0.70 -0.41	19.97 -0.14 0.00	18.79 0.24 0.00
NEG WEST___LANCASTR 23811	15.15 -0.45 -0.12	11.82 -0.18 -0.64	10.03 -0.10 -0.98	10.08 -0.07 -0.78	9.93 -0.06 -0.75	10.04 -0.02 -0.64	9.90 -0.05 -0.82	9.98 -0.17 -0.85	13.13 0.05 0.00	13.22 0.04 0.00	14.39 0.14 0.00	15.11 0.24 0.00	15.57 0.17 0.00	16.68 0.12 0.00	18.31 0.05 0.00	19.30 -0.06 0.00	22.20 -0.20 0.00	26.35 -0.70 0.00	27.67 -0.61 -0.44	27.23 -0.78 -0.30	25.43 -0.25 -0.44	22.83 -0.32 -0.48	20.27 0.16 0.00	19.01 0.46 0.00
NEG_PENN_ALLEGHNY 23528	16.03 0.34 -0.21	12.76 0.26 -1.14	11.10 0.21 -1.75	10.99 0.22 -1.39	10.80 0.22 -1.34	10.80 0.24 -1.14	10.82 0.23 -1.46	11.02 0.20 -1.52	13.39 0.31 0.00	13.51 0.33 0.00	14.63 0.38 0.00	15.27 0.40 0.00	15.82 0.42 0.00	16.99 0.43 0.00	18.67 0.42 0.00	19.81 0.45 0.00	22.92 0.52 0.00	27.57 0.51 0.00	29.25 0.56 -0.85	28.78 0.50 -0.57	26.69 0.60 -0.85	24.12 0.52 -0.93	20.65 0.54 0.00	19.12 0.58 0.00
NEG___GEN_MONROE 24207	15.70 0.14 -0.08	12.00 0.19 -0.44	10.00 0.17 -0.68	10.13 0.22 -0.54	9.98 0.21 -0.52	10.11 0.25 -0.44	9.89 0.19 -0.57	10.02 0.13 -0.59	13.09 0.01 0.00	13.16 -0.03 0.00	14.32 0.07 0.00	15.05 0.18 0.00	15.51 0.11 0.00	16.68 0.12 0.00	18.36 0.11 0.00	19.40 0.04 0.00	22.33 -0.07 0.00	26.65 -0.41 0.00	27.82 -0.31 -0.29	27.51 -0.39 -0.19	25.53 0.00 -0.29	23.01 0.02 -0.32	20.31 0.20 0.00	18.93 0.39 0.00
NEPA___ENERGY 23901	15.67 0.08 -0.12	12.22 0.20 -0.65	10.35 0.21 -0.99	10.41 0.25 -0.79	10.26 0.26 -0.76	10.37 0.31 -0.65	10.23 0.27 -0.83	10.33 0.17 -0.86	13.38 0.30 0.00	13.47 0.29 0.00	14.66 0.41 0.00	15.41 0.54 0.00	15.86 0.46 0.00	17.01 0.45 0.00	18.63 0.38 0.00	19.67 0.31 0.00	22.62 0.22 0.00	26.84 -0.22 0.00	28.12 -0.17 -0.45	27.70 -0.30 -0.30	25.86 0.18 -0.44	23.25 0.09 -0.49	20.55 0.44 0.00	19.23 0.69 0.00
NEVERSINK___HYD 23608	16.78 0.73 -0.58	14.90 0.44 -3.09	14.24 0.36 -4.74	13.53 0.38 -3.78	13.22 0.34 -3.63	12.86 0.37 -3.08	13.46 0.37 -3.97	13.82 0.40 -4.12	13.72 0.64 0.00	13.79 0.61 0.00	14.82 0.57 0.00	15.44 0.56 0.00	16.05 0.65 0.00	16.81 0.25 0.00	18.40 0.15 0.00	19.54 0.17 0.00	22.65 0.25 0.00	27.55 0.49 0.00	30.67 0.59 -2.25	29.74 0.53 -1.51	28.06 0.58 -2.23	26.22 1.09 -2.46	20.85 0.74 0.00	19.16 0.61 0.00
NEWKRMKL_115KV_TB1 55635	16.81 0.51 -0.83	16.25 0.44 -4.44	16.31 0.36 -6.81	15.18 0.37 -5.44	14.83 0.37 -5.21	14.23 0.39 -4.43	15.19 0.37 -5.70	15.58 0.36 -5.92	13.55 0.47 0.00	13.65 0.46 0.00	14.72 0.47 0.00	15.35 0.48 0.00	15.89 0.49 0.00	17.09 0.53 0.00	18.83 0.58 0.00	20.00 0.64 0.00	23.10 0.69 0.00	27.95 0.89 0.00	33.92 0.89 -5.19	32.05 0.86 -3.48	31.20 0.81 -5.15	29.10 0.75 -5.68	20.79 0.68 0.00	19.12 0.57 0.00
NEWTON___FALLS_HYD 23847	15.23 -0.26 -0.02	11.21 -0.25 -0.10	9.09 -0.21 -0.15	9.26 -0.22 -0.12	9.15 -0.21 -0.12	9.28 -0.24 -0.10	9.03 -0.22 -0.13	9.23 -0.20 -0.13	12.76 -0.31 0.00	12.91 -0.28 0.00	13.92 -0.33 0.00	14.51 -0.36 0.00	15.02 -0.39 0.00	16.13 -0.43 0.00	17.79 -0.46 0.00	18.90 -0.46 0.00	21.91 -0.49 0.00	26.60 -0.46 0.00	27.51 -0.33 0.00	27.51 -0.19 0.00	24.92 -0.33 0.00	22.35 -0.32 0.00	19.85 -0.26 0.00	18.27 -0.28 0.00
NGRID_A1_DSASP 323792	15.19 -0.39 -0.10	11.80 -0.12 -0.56	9.99 -0.01 -0.86	10.04 -0.01 -0.69	9.94 0.04 -0.66	10.02 0.05 -0.56	9.85 0.01 -0.72	9.84 -0.20 -0.75	12.67 -0.41 0.00	12.74 -0.45 0.00	13.89 -0.36 0.00	14.60 -0.27 0.00	15.02 -0.38 0.00	16.08 -0.48 0.00	17.68 -0.57 0.00	18.65 -0.72 0.00	21.37 -1.03 0.00	25.30 -1.76 0.00	26.41 -1.81 -0.38	26.02 -1.94 -0.25	24.38 -1.24 -0.37	21.93 -1.16 -0.41	19.58 -0.52 0.00	18.45 -0.09 0.00
NGRID_A2_DSASP 323793	15.19 -0.39 -0.10	11.80 -0.12 -0.56	9.99 -0.01 -0.86	10.04 -0.01 -0.69	9.94 0.04 -0.66	10.02 0.05 -0.56	9.85 0.01 -0.72	9.84 -0.20 -0.75	12.67 -0.41 0.00	12.74 -0.45 0.00	13.89 -0.36 0.00	14.60 -0.27 0.00	15.02 -0.38 0.00	16.08 -0.48 0.00	17.68 -0.57 0.00	18.65 -0.72 0.00	21.37 -1.03 0.00	25.30 -1.76 0.00	26.41 -1.81 -0.38	26.02 -1.94 -0.25	24.38 -1.24 -0.37	21.93 -1.16 -0.41	19.58 -0.52 0.00	18.45 -0.09 0.00
NGRID_A4_DSASP 323807	15.19 -0.39 -0.10	11.80 -0.13 -0.56	9.99 -0.01 -0.86	10.05 0.00 -0.69	9.94 0.04 -0.66	10.02 0.05 -0.56	9.85 0.01 -0.72	9.84 -0.20 -0.75	12.67 -0.41 0.00	12.74 -0.45 0.00	13.89 -0.36 0.00	14.60 -0.27 0.00	15.02 -0.39 0.00	16.08 -0.48 0.00	17.68 -0.57 0.00	18.65 -0.72 0.00	21.39 -1.01 0.00	25.24 -1.81 0.00	26.38 -1.84 -0.38	26.02 -1.94 -0.25	24.38 -1.24 -0.37	21.93 -1.16 -0.41	19.58 -0.52 0.00	18.43 -0.11 0.00
NIAGARA_115E_LBMP 323715	15.12 -0.46 -0.10	11.73 -0.19 -0.56	9.92 -0.09 -0.86	9.99 -0.07 -0.69	9.86 -0.05 -0.66	9.97 -0.01 -0.56	9.80 -0.05 -0.72	9.84 -0.20 -0.75	12.68 -0.39 0.00	12.76 -0.42 0.00	13.91 -0.34 0.00	14.62 -0.25 0.00	15.03 -0.37 0.00	16.10 -0.46 0.00	17.70 -0.55 0.00	18.67 -0.70 0.00	21.42 -0.99 0.00	25.35 -1.70 0.00	26.47 -1.75 -0.38	26.07 -1.88 -0.25	24.46 -1.16 -0.38	22.00 -1.09 -0.41	19.62 -0.48 0.00	18.49 -0.06 0.00

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	17.22 1.10 -0.65	15.64 0.78 -3.49	15.12 0.62 -5.35	14.27 0.64 -4.27	13.96 0.62 -4.09	13.51 0.62 -3.48	14.20 0.60 -4.48	14.60 0.65 -4.65	14.08 1.01 0.00	14.15 0.96 0.00	15.25 1.00 0.00	15.87 1.00 0.00	16.49 1.09 0.00	17.77 1.21 0.00	19.44 1.19 0.00	20.62 1.26 0.00	23.86 1.46 0.00	28.98 1.92 0.00	32.17 1.92 -2.41	31.18 1.86 -1.62	29.43 1.79 -2.39	26.92 1.61 -2.64	21.37 1.27 0.00	19.68 1.13 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	17.17 1.04 -0.66	15.62 0.72 -3.54	15.15 0.58 -5.43	14.30 0.60 -4.33	13.98 0.58 -4.15	13.54 0.59 -3.53	14.25 0.58 -4.54	14.63 0.61 -4.72	14.02 0.94 0.00	14.08 0.90 0.00	15.16 0.91 0.00	15.78 0.91 0.00	16.39 0.99 0.00	17.62 1.06 0.00	19.31 1.06 0.00	20.49 1.12 0.00	23.74 1.34 0.00	28.84 1.79 0.00	32.17 1.84 -2.49	31.15 1.77 -1.67	29.43 1.72 -2.47	26.94 1.54 -2.73	21.33 1.23 0.00	19.60 1.06 0.00
POLETTI____ 23519	17.31 1.19 -0.65	15.69 0.86 -3.46	15.13 0.68 -5.31	14.30 0.69 -4.24	13.99 0.67 -4.07	13.55 0.68 -3.45	14.23 0.66 -4.44	14.64 0.73 -4.62	14.20 1.12 0.00	14.25 1.07 0.00	15.36 1.11 0.00	15.94 1.07 0.00	16.56 1.16 0.00	17.84 1.28 0.00	19.47 1.22 0.00	20.66 1.30 0.00	23.83 1.43 0.00	29.01 1.95 0.00	32.16 1.92 -2.39	31.17 1.86 -1.61	29.41 1.79 -2.38	26.92 1.63 -2.62	21.41 1.31 0.00	19.73 1.19 0.00
PORT_JEFF_3 23555	17.68 1.55 -0.65	15.90 1.07 -3.46	15.36 0.90 -5.32	14.53 0.92 -4.24	14.13 0.81 -4.07	13.58 0.72 -3.45	14.38 0.80 -4.45	14.79 0.87 -4.62	14.11 1.03 0.00	14.17 0.99 0.00	15.42 1.17 0.00	16.22 1.34 -0.01	16.89 1.48 -0.01	18.18 1.61 -0.01	19.86 1.61 -0.01	21.13 1.76 -0.01	24.51 2.08 -0.02	29.58 2.52 -0.01	32.80 2.56 -2.40	31.82 2.49 -1.62	30.11 2.48 -2.39	27.50 2.20 -2.63	21.96 1.85 -0.01	20.15 1.60 -0.01
PORT_JEFF_4 23616	17.68 1.55 -0.65	15.90 1.07 -3.46	15.36 0.90 -5.32	14.53 0.92 -4.24	14.13 0.81 -4.07	13.58 0.72 -3.45	14.38 0.80 -4.45	14.79 0.87 -4.62	14.11 1.03 0.00	14.17 0.99 0.00	15.42 1.17 0.00	16.22 1.34 -0.01	16.89 1.48 -0.01	18.18 1.61 -0.01	19.86 1.61 -0.01	21.13 1.76 -0.01	24.51 2.08 -0.02	29.58 2.52 -0.01	32.80 2.56 -2.40	31.82 2.49 -1.62	30.11 2.48 -2.39	27.50 2.20 -2.63	21.96 1.85 -0.01	20.15 1.60 -0.01
PORT_JEFF_IC 23713	17.69 1.56 -0.65	15.92 1.09 -3.46	15.36 0.91 -5.32	14.54 0.93 -4.24	14.15 0.83 -4.07	13.59 0.73 -3.45	14.39 0.82 -4.45	14.80 0.88 -4.62	14.11 1.03 0.00	14.19 1.00 0.00	15.43 1.18 0.00	16.23 1.35 -0.01	16.92 1.51 -0.01	18.21 1.64 -0.01	19.90 1.64 -0.01	21.19 1.82 -0.01	24.55 2.13 -0.02	29.66 2.60 -0.01	32.89 2.65 -2.40	31.87 2.55 -1.62	30.18 2.55 -2.39	27.55 2.24 -2.63	22.00 1.89 -0.01	20.19 1.63 -0.01
PPL PILGRIM_ST_GT1 24216	17.71 1.58 -0.65	15.92 1.09 -3.46	15.36 0.91 -5.32	14.54 0.93 -4.24	14.15 0.83 -4.07	13.62 0.75 -3.45	14.39 0.82 -4.45	14.80 0.88 -4.62	14.17 1.10 0.00	14.24 1.06 0.00	15.49 1.24 0.00	16.28 1.40 -0.01	16.93 1.52 -0.01	18.23 1.66 -0.01	19.94 1.68 -0.01	21.19 1.82 -0.01	24.55 2.13 -0.02	29.64 2.57 -0.01	32.86 2.62 -2.40	31.87 2.55 -1.62	30.16 2.52 -2.39	27.57 2.27 -2.63	22.06 1.95 -0.01	20.24 1.69 -0.01
PPL PILGRIM_ST_GT2 24217	17.71 1.58 -0.65	15.92 1.09 -3.46	15.36 0.91 -5.32	14.54 0.93 -4.24	14.15 0.83 -4.07	13.62 0.75 -3.45	14.39 0.82 -4.45	14.80 0.88 -4.62	14.17 1.10 0.00	14.24 1.06 0.00	15.49 1.24 0.00	16.28 1.40 -0.01	16.93 1.52 -0.01	18.23 1.66 -0.01	19.94 1.68 -0.01	21.19 1.82 -0.01	24.55 2.13 -0.02	29.64 2.57 -0.01	32.86 2.62 -2.40	31.87 2.55 -1.62	30.16 2.52 -2.39	27.57 2.27 -2.63	22.06 1.95 -0.01	20.24 1.69 -0.01
PPL_SHRM_GT3 24213	17.58 1.45 -0.65	15.85 1.02 -3.46	15.35 0.89 -5.32	14.51 0.90 -4.24	14.10 0.79 -4.07	13.49 0.62 -3.45	14.37 0.79 -4.45	14.77 0.85 -4.62	13.92 0.85 0.00	13.99 0.80 0.00	15.22 0.97 0.00	15.96 1.09 -0.01	16.66 1.25 -0.01	17.93 1.36 -0.01	19.57 1.31 -0.01	20.86 1.49 -0.01	24.19 1.77 -0.02	29.23 2.17 -0.01	32.47 2.23 -2.40	31.45 2.13 -1.62	29.80 2.17 -2.39	27.21 1.90 -2.63	21.76 1.65 -0.01	19.95 1.39 -0.01
PPL_SHRM_GT4 24214	17.58 1.45 -0.65	15.85 1.02 -3.46	15.35 0.89 -5.32	14.51 0.90 -4.24	14.10 0.79 -4.07	13.49 0.62 -3.45	14.37 0.79 -4.45	14.77 0.85 -4.62	13.92 0.85 0.00	13.99 0.80 0.00	15.22 0.97 0.00	15.96 1.09 -0.01	16.66 1.25 -0.01	17.93 1.36 -0.01	19.57 1.31 -0.01	20.86 1.49 -0.01	24.19 1.77 -0.02	29.23 2.17 -0.01	32.47 2.23 -2.40	31.45 2.13 -1.62	29.80 2.17 -2.39	27.21 1.90 -2.63	21.76 1.65 -0.01	19.95 1.39 -0.01
PROJECT____ORANGE 1 24174	15.58 0.05 -0.06	11.71 0.01 -0.33	9.66 0.01 -0.51	9.79 0.02 -0.40	9.64 0.01 -0.39	9.77 0.03 -0.33	9.57 0.02 -0.42	9.74 0.00 -0.44	13.06 -0.01 0.00	13.20 0.01 0.00	14.29 0.04 0.00	14.93 0.06 0.00	15.45 0.05 0.00	16.63 0.07 0.00	18.31 0.05 0.00	19.42 0.06 0.00	22.45 0.04 0.00	27.03 -0.03 0.00	28.04 0.00 -0.20	27.81 -0.03 -0.13	25.49 0.05 -0.20	22.93 0.05 -0.22	20.17 0.06 0.00	18.66 0.11 0.00
PROJECT____ORANGE 2 24166	15.58 0.05 -0.06	11.71 0.01 -0.33	9.66 0.01 -0.51	9.79 0.02 -0.40	9.64 0.01 -0.39	9.77 0.03 -0.33	9.57 0.02 -0.42	9.74 0.00 -0.44	13.06 -0.01 0.00	13.20 0.01 0.00	14.29 0.04 0.00	14.93 0.06 0.00	15.45 0.05 0.00	16.63 0.07 0.00	18.31 0.05 0.00	19.42 0.06 0.00	22.45 0.04 0.00	27.03 -0.03 0.00	28.04 0.00 -0.20	27.81 -0.03 -0.13	25.49 0.05 -0.20	22.93 0.05 -0.22	20.17 0.06 0.00	18.66 0.11 0.00
PUCKETT____SOLAR 323809	16.26 0.57 -0.22	12.90 0.37 -1.16	11.22 0.30 -1.78	11.11 0.32 -1.42	10.92 0.31 -1.36	10.90 0.33 -1.16	10.93 0.31 -1.49	11.13 0.29 -1.55	13.45 0.38 0.00	13.58 0.40 0.00	14.67 0.43 0.00	15.30 0.43 0.00	15.83 0.43 0.00	17.04 0.48 0.00	18.71 0.46 0.00	19.87 0.50 0.00	23.03 0.63 0.00	27.81 0.76 0.00	29.68 0.89 -0.95	29.28 0.94 -0.64	27.14 0.96 -0.94	24.55 0.84 -1.04	20.91 0.81 0.00	19.36 0.82 0.00
PYRITES____HYD 24023	15.04 -0.43 0.00	11.02 -0.34 0.00	8.86 -0.28 0.00	9.06 -0.31 0.00	8.94 -0.31 0.00	9.07 -0.35 0.00	8.82 -0.31 0.00	9.04 -0.26 0.00	12.68 -0.39 0.00	12.85 -0.33 0.00	13.86 -0.38 0.00	14.44 -0.43 0.00	14.95 -0.45 0.00	16.05 -0.51 0.00	17.76 -0.49 0.00	18.86 -0.50 0.00	21.86 -0.54 0.00	26.46 -0.60 0.00	27.37 -0.47 0.00	27.37 -0.33 0.00	24.69 -0.56 0.00	22.12 -0.54 0.00	19.66 -0.44 0.00	18.08 -0.46 0.00
QUAKERRD_115KV_BK1 80622	15.28 -0.28 -0.08	11.65 -0.15 -0.43	9.70 -0.10 -0.66	9.80 -0.09 -0.53	9.66 -0.09 -0.50	9.78 -0.07 -0.43	9.59 -0.09 -0.55	9.72 -0.15 -0.57	12.77 -0.30 0.00	12.87 -0.32 0.00	13.99 -0.26 0.00	14.65 -0.22 0.00	15.12 -0.28 0.00	16.25 -0.31 0.00	17.90 -0.35 0.00	18.96 -0.41 0.00	21.84 -0.56 0.00	26.11 -0.95 0.00	27.20 -0.92 -0.28	26.89 -1.00 -0.18	24.89 -0.63 -0.27	22.38 -0.59 -0.30	19.74 -0.36 0.00	18.36 -0.19 0.00

QUENSBRY_I15KV_TB8 356137	17.60 1.27 -0.85	16.84 0.91 -4.57	16.88 0.73 -7.01	15.68 0.72 -5.59	15.35 0.74 -5.36	14.74 0.77 -4.55	15.73 0.74 -5.86	16.12 0.73 -6.09	14.12 1.05 0.00	14.25 1.07 0.00	15.27 1.03 0.00	16.06 1.19 0.00	16.63 1.23 0.00	17.74 1.18 0.00	19.69 1.44 0.00	20.95 1.59 0.00	24.53 2.13 0.00	29.66 2.60 0.00	37.84 2.98 -7.02	35.33 2.91 -4.72	34.92 2.70 -6.97	32.77 2.40 -7.70	22.14 2.03 0.00	20.34 1.80 0.00
RAMAPO____LBMP 323565	17.10 1.01 -0.62	15.41 0.72 -3.33	14.81 0.57 -5.10	14.03 0.59 -4.07	13.71 0.56 -3.90	13.30 0.57 -3.32	13.95 0.56 -4.27	14.33 0.60 -4.43	14.00 0.93 0.00	14.07 0.88 0.00	15.17 0.93 0.00	15.78 0.91 0.00	16.39 0.99 0.00	17.66 1.09 0.00	19.31 1.06 0.00	20.49 1.12 0.00	23.72 1.32 0.00	28.79 1.73 0.00	31.87 1.73 -2.30	30.91 1.66 -1.54	29.14 1.62 -2.28	26.64 1.45 -2.52	21.27 1.17 0.00	19.57 1.02 0.00
RANKINE____ 23646	15.50 -0.09 -0.11	12.06 0.09 -0.61	10.20 0.13 -0.93	10.27 0.16 -0.74	10.12 0.17 -0.71	10.24 0.22 -0.61	10.08 0.17 -0.78	10.14 0.04 -0.81	13.15 0.08 0.00	13.24 0.05 0.00	14.42 0.17 0.00	15.15 0.28 0.00	15.60 0.20 0.00	16.73 0.17 0.00	18.36 0.11 0.00	19.36 0.00 0.00	22.22 -0.18 0.00	26.33 -0.73 0.00	27.59 -0.67 -0.41	27.18 -0.80 -0.28	25.40 -0.25 -0.41	22.83 -0.29 -0.45	20.33 0.22 0.00	19.06 0.52 0.00
RAVENSWOOD_GT2_1 24244	17.33 1.21 -0.65	15.69 0.86 -3.46	15.13 0.68 -5.31	14.31 0.70 -4.24	13.99 0.67 -4.07	13.55 0.68 -3.45	14.23 0.66 -4.44	14.64 0.73 -4.62	14.19 1.11 0.00	14.24 1.06 0.00	15.34 1.10 0.00	15.94 1.07 0.00	16.57 1.17 0.00	17.84 1.28 0.00	19.49 1.24 0.00	20.70 1.34 0.00	23.88 1.48 0.00	29.06 2.00 0.00	32.24 2.01 -2.39	31.22 1.91 -1.61	29.49 1.87 -2.38	26.97 1.68 -2.62	21.43 1.33 0.00	19.75 1.20 0.00
RAVENSWOOD_GT2_2 24245	17.33 1.21 -0.65	15.69 0.86 -3.46	15.13 0.68 -5.31	14.31 0.70 -4.24	13.99 0.67 -4.07	13.55 0.68 -3.45	14.23 0.66 -4.44	14.64 0.73 -4.62	14.19 1.11 0.00	14.24 1.06 0.00	15.34 1.10 0.00	15.94 1.07 0.00	16.57 1.17 0.00	17.84 1.28 0.00	19.49 1.24 0.00	20.70 1.34 0.00	23.88 1.48 0.00	29.06 2.00 0.00	32.24 2.01 -2.39	31.22 1.91 -1.61	29.49 1.87 -2.38	26.97 1.68 -2.62	21.43 1.33 0.00	19.75 1.20 0.00
RAVENSWOOD_GT2_3 24246	17.33 1.21 -0.65	15.69 0.86 -3.46	15.13 0.68 -5.31	14.32 0.71 -4.24	13.99 0.67 -4.07	13.55 0.68 -3.45	14.23 0.66 -4.44	14.64 0.73 -4.62	14.19 1.11 0.00	14.24 1.06 0.00	15.36 1.11 0.00	15.96 1.09 0.00	16.57 1.17 0.00	17.86 1.29 0.00	19.51 1.26 0.00	20.70 1.34 0.00	23.90 1.50 0.00	29.06 2.00 0.00	32.24 2.01 -2.39	31.25 1.94 -1.61	29.49 1.87 -2.38	26.99 1.70 -2.62	21.43 1.33 0.00	19.75 1.20 0.00
RAVENSWOOD_GT2_4 24247	17.33 1.21 -0.65	15.69 0.86 -3.46	15.13 0.68 -5.31	14.32 0.71 -4.24	13.99 0.67 -4.07	13.55 0.68 -3.45	14.23 0.66 -4.44	14.64 0.73 -4.62	14.19 1.11 0.00	14.24 1.06 0.00	15.36 1.11 0.00	15.96 1.09 0.00	16.57 1.17 0.00	17.86 1.29 0.00	19.51 1.26 0.00	20.70 1.34 0.00	23.90 1.50 0.00	29.06 2.00 0.00	32.24 2.01 -2.39	31.25 1.94 -1.61	29.49 1.87 -2.38	26.99 1.70 -2.62	21.43 1.33 0.00	19.75 1.20 0.00
RAVENSWOOD_GT3_1 24248	17.33 1.21 -0.65	15.69 0.86 -3.46	15.13 0.68 -5.31	14.32 0.71 -4.24	13.99 0.67 -4.07	13.55 0.68 -3.45	14.23 0.66 -4.44	14.64 0.73 -4.62	14.19 1.11 0.00	14.24 1.06 0.00	15.34 1.10 0.00	15.94 1.07 0.00	16.57 1.17 0.00	17.84 1.28 0.00	19.49 1.24 0.00	20.68 1.32 0.00	23.88 1.48 0.00	29.03 1.97 0.00	32.24 2.01 -2.39	31.22 1.91 -1.61	29.46 1.84 -2.38	26.97 1.68 -2.62	21.43 1.33 0.00	19.75 1.20 0.00
RAVENSWOOD_GT3_2 24249	17.33 1.21 -0.65	15.69 0.86 -3.46	15.13 0.68 -5.31	14.32 0.71 -4.24	13.99 0.67 -4.07	13.55 0.68 -3.45	14.23 0.66 -4.44	14.64 0.73 -4.62	14.19 1.11 0.00	14.24 1.06 0.00	15.34 1.10 0.00	15.94 1.07 0.00	16.57 1.17 0.00	17.84 1.28 0.00	19.49 1.24 0.00	20.68 1.32 0.00	23.88 1.48 0.00	29.03 1.97 0.00	32.24 2.01 -2.39	31.22 1.91 -1.61	29.46 1.84 -2.38	26.97 1.68 -2.62	21.43 1.33 0.00	19.75 1.20 0.00
RAVENSWOOD_GT3_3 24250	17.34 1.22 -0.65	15.70 0.88 -3.46	15.14 0.69 -5.31	14.31 0.70 -4.24	14.00 0.68 -4.07	13.56 0.69 -3.45	14.24 0.67 -4.44	14.65 0.73 -4.62	14.20 1.12 0.00	14.25 1.07 0.00	15.36 1.11 0.00	15.96 1.09 0.00	16.59 1.19 0.00	17.89 1.33 0.00	19.53 1.28 0.00	20.70 1.34 0.00	23.92 1.52 0.00	29.09 2.03 0.00	32.27 2.03 -2.39	31.28 1.97 -1.61	29.51 1.89 -2.38	26.99 1.70 -2.62	21.45 1.35 0.00	19.77 1.22 0.00
RAVENSWOOD_GT3_4 24251	17.34 1.22 -0.65	15.70 0.88 -3.46	15.14 0.69 -5.31	14.32 0.71 -4.24	14.00 0.68 -4.07	13.56 0.69 -3.45	14.24 0.67 -4.44	14.65 0.73 -4.62	14.20 1.12 0.00	14.25 1.07 0.00	15.36 1.11 0.00	15.96 1.09 0.00	16.59 1.19 0.00	17.87 1.31 0.00	19.53 1.28 0.00	20.72 1.35 0.00	23.92 1.52 0.00	29.09 2.03 0.00	32.27 2.03 -2.39	31.28 1.97 -1.61	29.52 1.89 -2.38	26.99 1.70 -2.62	21.45 1.35 0.00	19.77 1.22 0.00
RAVENSWOOD_GT_1 23729	17.37 1.25 -0.65	15.71 0.89 -3.46	15.15 0.69 -5.31	14.34 0.73 -4.24	14.01 0.69 -4.07	13.56 0.69 -3.45	14.24 0.67 -4.44	14.65 0.73 -4.62	14.23 1.15 0.00	14.28 1.09 0.00	15.34 1.10 0.00	15.93 1.06 0.00	16.57 1.17 0.00	17.86 1.29 0.00	19.49 1.24 0.00	20.68 1.32 0.00	23.86 1.46 0.00	29.06 2.00 0.00	32.24 2.01 -2.39	31.25 1.94 -1.61	29.49 1.87 -2.38	26.97 1.68 -2.62	21.43 1.33 0.00	19.82 1.28 0.00
RAVENSWOOD_GT_10 24258	17.33 1.21 -0.65	15.69 0.86 -3.46	15.13 0.68 -5.31	14.30 0.69 -4.24	13.99 0.67 -4.07	13.55 0.68 -3.45	14.23 0.66 -4.44	14.64 0.73 -4.62	14.19 1.11 0.00	14.24 1.05 0.00	15.34 1.10 0.00	15.94 1.07 0.00	16.57 1.17 0.00	17.85 1.29 0.00	19.49 1.24 0.00	20.68 1.32 0.00	23.90 1.50 0.00	29.06 2.00 0.00	32.24 2.00 -2.39	31.22 1.91 -1.61	29.49 1.87 -2.38	26.97 1.68 -2.62	21.43 1.33 0.00	19.75 1.21 0.00
RAVENSWOOD_GT_11 24259	17.33 1.21 -0.65	15.69 0.86 -3.46	15.13 0.68 -5.31	14.31 0.70 -4.24	13.99 0.67 -4.07	13.55 0.68 -3.45	14.23 0.66 -4.44	14.64 0.73 -4.62	14.19 1.11 0.00	14.24 1.06 0.00	15.34 1.10 0.00	15.94 1.07 0.00	16.57 1.17 0.00	17.84 1.28 0.00	19.49 1.24 0.00	20.68 1.32 0.00	23.88 1.48 0.00	29.06 2.00 0.00	32.24 2.01 -2.39	31.22 1.91 -1.61	29.49 1.87 -2.38	26.97 1.68 -2.62	21.43 1.33 0.00	19.75 1.20 0.00
RAVENSWOOD_GT_4 24252	17.33 1.21 -0.65	15.69 0.86 -3.46	15.13 0.68 -5.31	14.30 0.69 -4.24	13.98 0.67 -4.07	13.55 0.68 -3.45	14.23 0.66 -4.44	14.63 0.72 -4.62	14.19 1.11 0.00	14.24 1.05 0.00	15.36 1.11 0.00	15.96 1.09 0.00	16.57 1.17 0.00	17.87 1.31 0.00	19.51 1.26 0.00	20.70 1.34 0.00	23.90 1.50 0.00	29.06 2.00 0.00	32.24 2.00 -2.39	31.22 1.91 -1.61	29.49 1.87 -2.38	26.97 1.68 -2.62	21.43 1.33 0.00	19.75 1.21 0.00

RAVENSWOOD_GT_5 24254	17.33 1.21 -0.65	15.69 0.86 -3.46	15.13 0.68 -5.31	14.30 0.69 -4.24	13.98 0.67 -4.07	13.55 0.68 -3.45	14.23 0.66 -4.44	14.63 0.72 -4.62	14.19 1.11 0.00	14.24 1.05 0.00	15.36 1.11 0.00	15.96 1.09 0.00	16.57 1.17 0.00	17.87 1.31 0.00	19.51 1.26 0.00	20.70 1.34 0.00	23.90 1.50 0.00	29.06 2.00 0.00	32.24 2.00 -2.39	31.22 1.91 -1.61	29.49 1.87 -2.38	26.97 1.68 -2.62	21.43 1.33 0.00	19.75 1.21 0.00
RAVENSWOOD_GT_6 24253	17.33 1.21 -0.65	15.69 0.86 -3.46	15.13 0.68 -5.31	14.30 0.69 -4.24	13.98 0.67 -4.07	13.55 0.68 -3.45	14.23 0.66 -4.44	14.63 0.72 -4.62	14.19 1.11 0.00	14.24 1.05 0.00	15.36 1.11 0.00	15.96 1.09 0.00	16.57 1.17 0.00	17.87 1.31 0.00	19.51 1.26 0.00	20.70 1.34 0.00	23.90 1.50 0.00	29.06 2.00 0.00	32.24 2.00 -2.39	31.22 1.91 -1.61	29.49 1.87 -2.38	26.97 1.68 -2.62	21.43 1.33 0.00	19.75 1.21 0.00
RAVENSWOOD_GT_7 24255	17.33 1.21 -0.65	15.69 0.86 -3.46	15.13 0.68 -5.31	14.30 0.69 -4.24	13.98 0.67 -4.07	13.55 0.68 -3.45	14.23 0.66 -4.44	14.63 0.72 -4.62	14.19 1.11 0.00	14.24 1.05 0.00	15.36 1.11 0.00	15.96 1.09 0.00	16.57 1.17 0.00	17.87 1.31 0.00	19.51 1.26 0.00	20.70 1.34 0.00	23.90 1.50 0.00	29.06 2.00 0.00	32.24 2.00 -2.39	31.22 1.91 -1.61	29.49 1.87 -2.38	26.97 1.68 -2.62	21.43 1.33 0.00	19.75 1.21 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	17.33 1.21 -0.65	15.69 0.86 -3.46	15.13 0.68 -5.31	14.30 0.69 -4.24	13.99 0.67 -4.07	13.55 0.68 -3.45	14.23 0.66 -4.44	14.64 0.73 -4.62	14.19 1.11 0.00	14.24 1.05 0.00	15.34 1.10 0.00	15.94 1.07 0.00	16.57 1.17 0.00	17.85 1.29 0.00	19.49 1.24 0.00	20.68 1.32 0.00	23.90 1.50 0.00	29.06 2.00 0.00	32.24 2.00 -2.39	31.22 1.91 -1.61	29.49 1.87 -2.38	26.97 1.68 -2.62	21.43 1.33 0.00	19.75 1.21 0.00
RAVENSWOOD_GT_9 24257	17.33 1.21 -0.65	15.69 0.86 -3.46	15.13 0.68 -5.31	14.31 0.70 -4.24	13.99 0.67 -4.07	13.55 0.68 -3.45	14.23 0.66 -4.44	14.64 0.73 -4.62	14.19 1.11 0.00	14.24 1.06 0.00	15.34 1.10 0.00	15.94 1.07 0.00	16.57 1.17 0.00	17.84 1.28 0.00	19.49 1.24 0.00	20.68 1.32 0.00	23.88 1.48 0.00	29.06 2.00 0.00	32.24 2.01 -2.39	31.22 1.91 -1.61	29.49 1.87 -2.38	26.97 1.68 -2.62	21.43 1.33 0.00	19.75 1.20 0.00
RAVENSWOOD___1 23533	17.36 1.24 -0.65	15.71 0.89 -3.46	15.15 0.69 -5.31	14.33 0.72 -4.24	14.00 0.68 -4.07	13.56 0.69 -3.45	14.24 0.67 -4.44	14.65 0.73 -4.62	14.21 1.14 0.00	14.26 1.08 0.00	15.33 1.08 0.00	15.93 1.06 0.00	16.56 1.16 0.00	17.84 1.28 0.00	19.47 1.22 0.00	20.66 1.30 0.00	23.84 1.43 0.00	29.06 2.00 0.00	32.24 2.01 -2.39	31.22 1.91 -1.61	29.46 1.84 -2.38	26.97 1.68 -2.62	21.43 1.33 0.00	19.81 1.26 0.00
RAVENSWOOD___2 23534	17.36 1.24 -0.65	15.70 0.88 -3.46	15.15 0.69 -5.31	14.33 0.72 -4.24	14.00 0.68 -4.07	13.56 0.69 -3.45	14.24 0.67 -4.44	14.65 0.73 -4.62	14.21 1.14 0.00	14.26 1.08 0.00	15.33 1.08 0.00	15.93 1.06 0.00	16.56 1.16 0.00	17.84 1.28 0.00	19.47 1.22 0.00	20.66 1.30 0.00	23.84 1.43 0.00	29.03 1.97 0.00	32.24 2.01 -2.39	31.22 1.91 -1.61	29.46 1.84 -2.38	26.97 1.68 -2.62	21.41 1.31 0.00	19.81 1.26 0.00
RAVENSWOOD___3 23535	17.33 1.21 -0.65	15.69 0.86 -3.46	15.13 0.68 -5.31	14.32 0.71 -4.24	13.99 0.67 -4.07	13.55 0.68 -3.45	14.23 0.66 -4.44	14.64 0.73 -4.62	14.19 1.11 0.00	14.24 1.06 0.00	15.34 1.10 0.00	15.94 1.07 0.00	16.57 1.17 0.00	17.86 1.29 0.00	19.51 1.26 0.00	20.70 1.34 0.00	23.88 1.48 0.00	29.06 2.00 0.00	32.24 2.01 -2.39	31.25 1.94 -1.61	29.49 1.87 -2.38	26.97 1.68 -2.62	21.43 1.33 0.00	19.75 1.20 0.00
RAVENSWOOD___4 23820	17.36 1.24 -0.65	15.70 0.88 -3.46	15.14 0.69 -5.31	14.33 0.72 -4.24	14.00 0.68 -4.07	13.56 0.69 -3.45	14.23 0.66 -4.44	14.65 0.73 -4.62	14.21 1.14 0.00	14.26 1.08 0.00	15.33 1.08 0.00	15.93 1.06 0.00	16.56 1.16 0.00	17.84 1.28 0.00	19.47 1.22 0.00	20.66 1.30 0.00	23.84 1.43 0.00	29.03 1.97 0.00	32.21 1.98 -2.39	31.22 1.91 -1.61	29.46 1.84 -2.38	26.95 1.65 -2.62	21.41 1.31 0.00	19.81 1.26 0.00
RCPL_TRUST___DRP 24196	17.33 1.21 -0.65	15.69 0.86 -3.46	15.13 0.68 -5.31	14.30 0.69 -4.24	13.99 0.67 -4.07	13.55 0.68 -3.45	14.24 0.67 -4.44	14.65 0.73 -4.62	14.20 1.12 0.00	14.25 1.07 0.00	15.37 1.13 0.00	15.97 1.10 0.00	16.59 1.19 0.00	17.89 1.33 0.00	19.53 1.28 0.00	20.72 1.36 0.00	23.92 1.52 0.00	29.11 2.06 0.00	32.27 2.03 -2.39	31.28 1.97 -1.61	29.51 1.89 -2.38	27.02 1.72 -2.62	21.45 1.35 0.00	19.77 1.22 0.00
RED___ROCHESTER 323720	15.73 0.17 -0.08	11.99 0.18 -0.44	10.00 0.17 -0.68	10.10 0.19 -0.54	9.95 0.18 -0.52	10.07 0.22 -0.44	9.86 0.16 -0.57	10.00 0.11 -0.59	13.11 0.04 0.00	13.21 0.03 0.00	14.39 0.14 0.00	15.12 0.25 0.00	15.60 0.20 0.00	16.76 0.20 0.00	18.49 0.24 0.00	19.54 0.17 0.00	22.49 0.09 0.00	26.87 -0.19 0.00	27.99 -0.14 -0.29	27.65 -0.25 -0.19	25.65 0.13 -0.28	23.10 0.11 -0.31	20.31 0.20 0.00	18.94 0.39 0.00
REGAN___SOLAR 323812	17.99 1.55 -0.97	17.61 1.07 -5.17	17.94 0.86 -7.94	16.53 0.82 -6.34	16.17 0.85 -6.08	15.48 0.90 -5.16	16.62 0.85 -6.64	17.03 0.84 -6.90	14.20 1.12 0.00	14.32 1.13 0.00	15.42 1.17 0.00	16.05 1.17 0.00	16.62 1.22 0.00	17.82 1.26 0.00	19.76 1.51 0.00	21.09 1.72 0.00	24.71 2.31 0.00	30.11 3.06 0.00	37.80 3.40 -6.56	35.49 3.38 -4.41	34.92 3.16 -6.52	32.63 2.76 -7.20	22.74 2.63 0.00	20.86 2.32 0.00
RENSSELAER___COGEN 23796	16.78 0.48 -0.82	16.19 0.42 -4.41	16.25 0.34 -6.76	15.11 0.35 -5.40	14.77 0.35 -5.18	14.18 0.37 -4.40	15.13 0.35 -5.66	15.52 0.34 -5.88	13.52 0.44 0.00	13.62 0.43 0.00	14.67 0.43 0.00	15.32 0.45 0.00	15.86 0.46 0.00	17.04 0.48 0.00	18.78 0.53 0.00	19.92 0.56 0.00	23.03 0.63 0.00	27.87 0.81 0.00	33.48 0.81 -4.83	31.72 0.77 -3.24	30.79 0.76 -4.79	28.66 0.70 -5.29	20.75 0.64 0.00	19.06 0.52 0.00
REPUBLIC_115KV_BARTNBRK 55605	18.29 1.97 -0.85	17.33 1.40 -4.56	17.27 1.12 -7.01	16.05 1.10 -5.59	15.73 1.13 -5.36	15.15 1.19 -4.55	16.11 1.12 -5.86	16.52 1.13 -6.08	14.68 1.61 0.00	14.83 1.65 0.00	15.93 1.68 0.00	16.79 1.92 0.00	17.40 2.00 0.00	18.58 2.02 0.00	20.77 2.52 0.00	22.13 2.77 0.00	25.90 3.49 0.00	31.28 4.22 0.00	39.52 4.68 -7.00	37.01 4.60 -4.70	36.46 4.27 -6.95	34.08 3.74 -7.68	23.30 3.20 0.00	21.40 2.86 0.00
REVERE_CPPR_DRP 24186	15.99 0.48 -0.03	11.81 0.26 -0.19	9.64 0.21 -0.29	9.80 0.21 -0.23	9.67 0.20 -0.22	9.81 0.21 -0.19	9.56 0.19 -0.24	9.77 0.22 -0.25	13.35 0.27 0.00	13.54 0.36 0.00	14.63 0.38 0.00	15.18 0.31 0.00	15.72 0.32 0.00	16.96 0.40 0.00	18.62 0.37 0.00	19.79 0.43 0.00	22.96 0.56 0.00	27.87 0.81 0.00	28.76 0.92 0.00	28.67 0.97 0.00	26.05 0.81 0.00	23.35 0.68 0.00	20.77 0.66 0.00	19.18 0.63 0.00

REYNOLDS_115KV_TB3 80639	16.90 0.60 -0.82	16.27 0.49 -4.41	16.31 0.39 -6.77	15.18 0.41 -5.41	14.84 0.41 -5.18	14.24 0.42 -4.40	15.19 0.40 -5.67	15.57 0.39 -5.88	13.62 0.55 0.00	13.70 0.51 0.00	14.77 0.53 0.00	15.42 0.55 0.00	15.97 0.57 0.00	17.19 0.63 0.00	18.93 0.68 0.00	20.08 0.72 0.00	23.21 0.81 0.00	28.09 1.03 0.00	34.01 1.06 -5.11	32.16 1.03 -3.43	31.28 0.96 -5.07	29.15 0.88 -5.60	20.91 0.80 0.00	19.23 0.69 0.00
RIVERBAY____ 323610	17.65 1.52 -0.65	15.99 1.16 -3.47	15.39 0.92 -5.32	14.55 0.94 -4.25	14.22 0.90 -4.07	13.67 0.80 -3.45	14.21 0.64 -4.44	14.49 0.58 -4.62	13.86 0.78 0.00	13.90 0.71 0.00	15.33 1.08 0.00	15.85 0.98 0.00	16.49 1.09 0.00	17.77 1.21 0.00	19.38 1.13 0.00	20.56 1.20 0.00	23.72 1.32 0.00	28.95 1.89 0.00	32.10 1.87 -2.39	31.11 1.80 -1.61	29.36 1.74 -2.38	26.88 1.59 -2.62	21.45 1.35 0.00	20.01 1.47 0.00
RIVERSDE_115KV_TB3 55908	16.84 0.54 -0.83	16.24 0.45 -4.43	16.31 0.37 -6.79	15.18 0.39 -5.42	14.83 0.39 -5.20	14.22 0.40 -4.41	15.18 0.37 -5.68	15.57 0.37 -5.90	13.57 0.50 0.00	13.66 0.47 0.00	14.73 0.48 0.00	15.38 0.51 0.00	15.92 0.52 0.00	17.14 0.58 0.00	18.87 0.62 0.00	20.02 0.66 0.00	23.14 0.74 0.00	28.00 0.95 0.00	33.92 0.95 -5.13	32.07 0.91 -3.45	31.22 0.88 -5.10	29.09 0.79 -5.63	20.83 0.72 0.00	19.16 0.61 0.00
ROARING____BROOK_WT_PWR 323790	15.32 -0.15 0.00	11.25 -0.11 0.00	9.05 -0.09 0.00	9.27 -0.09 0.00	9.15 -0.09 0.00	9.32 -0.09 0.00	9.03 -0.09 0.00	9.21 -0.08 0.00	12.94 -0.13 0.00	13.06 -0.12 0.00	14.12 -0.13 0.00	14.74 -0.13 0.00	15.25 -0.15 0.00	16.40 -0.17 0.00	18.09 -0.16 0.00	19.19 -0.17 0.00	22.20 -0.20 0.00	26.81 -0.24 0.00	27.59 -0.25 0.00	27.48 -0.22 0.00	24.99 -0.25 0.00	22.44 -0.23 0.00	19.91 -0.20 0.00	18.36 -0.19 0.00
ROCHESRG_115KV_T4 355643	15.57 0.02 -0.08	11.88 0.08 -0.44	9.91 0.09 -0.68	10.02 0.11 -0.54	9.87 0.11 -0.52	10.00 0.14 -0.44	9.79 0.10 -0.56	9.91 0.03 -0.59	13.01 -0.07 0.00	13.10 -0.08 0.00	14.25 0.00 0.00	14.96 0.09 0.00	15.43 0.03 0.00	16.56 0.00 0.00	18.27 0.02 0.00	19.32 -0.04 0.00	22.24 -0.16 0.00	26.52 -0.54 0.00	27.62 -0.50 -0.28	27.31 -0.58 -0.19	25.35 -0.18 -0.28	22.80 -0.18 -0.31	20.13 0.02 0.00	18.75 0.20 0.00
ROCHESTER_9_IC 23652	15.65 0.09 -0.08	11.94 0.14 -0.44	9.96 0.14 -0.68	10.07 0.16 -0.54	9.91 0.15 -0.52	10.04 0.18 -0.44	9.83 0.14 -0.57	9.96 0.07 -0.59	13.06 -0.01 0.00	13.16 -0.03 0.00	14.32 0.07 0.00	15.05 0.18 0.00	15.51 0.11 0.00	16.66 0.10 0.00	18.38 0.13 0.00	19.44 0.08 0.00	22.38 -0.02 0.00	26.68 -0.38 0.00	27.82 -0.31 -0.29	27.48 -0.42 -0.19	25.50 -0.03 -0.28	22.96 -0.02 -0.31	20.23 0.12 0.00	18.84 0.30 0.00
ROCKVIEW_13_KV_LD 356306	17.27 1.15 -0.65	15.63 0.81 -3.46	15.10 0.64 -5.31	14.26 0.66 -4.24	13.95 0.64 -4.07	13.52 0.65 -3.45	14.20 0.63 -4.45	14.60 0.69 -4.62	14.15 1.07 0.00	14.20 1.02 0.00	15.32 1.07 0.00	15.93 1.06 0.00	16.56 1.16 0.00	17.85 1.29 0.00	19.51 1.26 0.00	20.70 1.34 0.00	23.95 1.55 0.00	29.09 2.03 0.00	32.29 2.06 -2.39	31.28 1.97 -1.61	29.51 1.89 -2.38	26.99 1.70 -2.62	21.43 1.33 0.00	19.71 1.17 0.00
ROME____115KV_TB2 80656	15.99 0.48 -0.03	11.81 0.26 -0.19	9.64 0.21 -0.29	9.80 0.21 -0.23	9.67 0.20 -0.22	9.81 0.21 -0.19	9.56 0.19 -0.24	9.77 0.22 -0.25	13.35 0.27 0.00	13.54 0.36 0.00	14.63 0.38 0.00	15.18 0.31 0.00	15.72 0.32 0.00	16.96 0.40 0.00	18.62 0.37 0.00	19.79 0.43 0.00	22.96 0.56 0.00	27.87 0.81 0.00	28.76 0.92 0.00	28.67 0.97 0.00	26.05 0.81 0.00	23.35 0.68 0.00	20.77 0.66 0.00	19.18 0.63 0.00
ROSETON____1 23587	17.11 0.99 -0.64	15.48 0.69 -3.43	14.96 0.56 -5.26	14.14 0.58 -4.20	13.82 0.55 -4.02	13.40 0.56 -3.42	14.07 0.55 -4.40	14.45 0.59 -4.57	13.98 0.90 0.00	14.04 0.86 0.00	15.13 0.88 0.00	15.75 0.88 0.00	16.36 0.96 0.00	17.61 1.04 0.00	19.29 1.04 0.00	20.47 1.10 0.00	23.68 1.28 0.00	28.71 1.65 0.00	31.91 1.70 -2.37	30.93 1.63 -1.59	29.17 1.57 -2.36	26.70 1.43 -2.60	21.25 1.15 0.00	19.55 1.00 0.00
ROSETON____2 23588	17.11 0.99 -0.64	15.48 0.69 -3.43	14.96 0.56 -5.26	14.14 0.58 -4.20	13.82 0.55 -4.02	13.40 0.56 -3.42	14.07 0.55 -4.40	14.45 0.59 -4.57	13.98 0.90 0.00	14.04 0.86 0.00	15.13 0.88 0.00	15.75 0.88 0.00	16.36 0.96 0.00	17.61 1.04 0.00	19.29 1.04 0.00	20.47 1.10 0.00	23.68 1.28 0.00	28.71 1.65 0.00	31.91 1.70 -2.37	30.93 1.63 -1.59	29.17 1.57 -2.36	26.70 1.43 -2.60	21.25 1.15 0.00	19.55 1.00 0.00
ROTTSDAM_115KV_TB3 80664	17.05 0.71 -0.86	16.51 0.52 -4.62	16.66 0.42 -7.09	15.46 0.43 -5.66	15.10 0.43 -5.43	14.47 0.44 -4.61	15.48 0.42 -5.93	15.88 0.42 -6.16	13.68 0.60 0.00	13.76 0.58 0.00	14.85 0.60 0.00	15.50 0.62 0.00	16.06 0.66 0.00	17.26 0.70 0.00	19.02 0.77 0.00	20.20 0.83 0.00	23.43 1.03 0.00	28.36 1.30 0.00	36.63 1.39 -7.39	34.03 1.36 -4.96	33.87 1.29 -7.34	31.93 1.16 -8.11	21.13 1.03 0.00	19.44 0.89 0.00
RUSSELL____1 23602	15.73 0.17 -0.08	11.99 0.18 -0.44	10.00 0.17 -0.68	10.10 0.19 -0.54	9.95 0.18 -0.52	10.07 0.22 -0.44	9.86 0.16 -0.57	10.00 0.11 -0.59	13.11 0.04 0.00	13.21 0.03 0.00	14.39 0.14 0.00	15.12 0.25 0.00	15.60 0.20 0.00	16.76 0.20 0.00	18.49 0.24 0.00	19.54 0.17 0.00	22.51 0.11 0.00	26.84 -0.22 0.00	27.99 -0.14 -0.29	27.65 -0.25 -0.19	25.65 0.13 -0.28	23.10 0.11 -0.31	20.31 0.20 0.00	18.92 0.37 0.00
RUSSELL____2 23532	15.73 0.17 -0.08	11.99 0.18 -0.44	10.00 0.17 -0.68	10.10 0.19 -0.54	9.95 0.18 -0.52	10.07 0.22 -0.44	9.86 0.16 -0.57	10.00 0.11 -0.59	13.11 0.04 0.00	13.21 0.03 0.00	14.39 0.14 0.00	15.12 0.25 0.00	15.60 0.20 0.00	16.76 0.20 0.00	18.49 0.24 0.00	19.54 0.17 0.00	22.51 0.11 0.00	26.84 -0.22 0.00	27.99 -0.14 -0.29	27.65 -0.25 -0.19	25.65 0.13 -0.28	23.10 0.11 -0.31	20.31 0.20 0.00	18.92 0.37 0.00
RUSSELL____3 23549	15.73 0.17 -0.08	11.99 0.18 -0.44	10.00 0.17 -0.68	10.10 0.19 -0.54	9.95 0.18 -0.52	10.07 0.22 -0.44	9.86 0.16 -0.57	10.00 0.11 -0.59	13.11 0.04 0.00	13.21 0.03 0.00	14.39 0.14 0.00	15.12 0.25 0.00	15.60 0.20 0.00	16.76 0.20 0.00	18.49 0.24 0.00	19.54 0.17 0.00	22.51 0.11 0.00	26.84 -0.22 0.00	27.99 -0.14 -0.29	27.65 -0.25 -0.19	25.65 0.13 -0.28	23.10 0.11 -0.31	20.31 0.20 0.00	18.92 0.37 0.00
RUSSELL____4 23556	15.73 0.17 -0.08	11.99 0.18 -0.44	10.00 0.17 -0.68	10.10 0.19 -0.54	9.95 0.18 -0.52	10.07 0.22 -0.44	9.86 0.16 -0.57	10.00 0.11 -0.59	13.11 0.04 0.00	13.21 0.03 0.00	14.39 0.14 0.00	15.12 0.25 0.00	15.60 0.20 0.00	16.76 0.20 0.00	18.49 0.24 0.00	19.54 0.17 0.00	22.51 0.11 0.00	26.84 -0.22 0.00	27.99 -0.14 -0.29	27.65 -0.25 -0.19	25.65 0.13 -0.28	23.10 0.11 -0.31	20.31 0.20 0.00	18.92 0.37 0.00

RUSSELL___STATION 23914	15.73 0.17 -0.08	11.99 0.18 -0.44	10.00 0.17 -0.68	10.10 0.19 -0.54	9.95 0.18 -0.52	10.07 0.22 -0.44	9.86 0.16 -0.57	10.00 0.11 -0.59	13.11 0.04 0.00	13.21 0.03 0.00	14.39 0.14 0.00	15.12 0.25 0.00	15.60 0.20 0.00	16.76 0.20 0.00	18.49 0.24 0.00	19.54 0.17 0.00	22.51 0.11 0.00	26.84 -0.22 0.00	27.99 -0.14 -0.29	27.65 -0.25 -0.19	25.65 0.13 -0.28	23.10 0.11 -0.31	20.31 0.20 0.00	18.92 0.37 0.00
S SALMON___HYD 24043	15.56 0.03 -0.05	11.59 -0.03 -0.26	9.53 -0.02 -0.40	9.66 -0.03 -0.32	9.53 -0.03 -0.31	9.66 -0.02 -0.26	9.44 -0.03 -0.34	9.61 -0.04 -0.35	13.00 -0.08 0.00	13.13 -0.05 0.00	14.22 -0.03 0.00	14.84 -0.03 0.00	15.34 -0.06 0.00	16.50 -0.07 0.00	18.14 -0.11 0.00	19.27 -0.10 0.00	22.27 -0.13 0.00	26.90 -0.16 0.00	27.78 -0.06 0.00	27.71 0.00 0.00	25.24 0.00 0.00	22.71 0.05 0.00	20.17 0.06 0.00	18.62 0.07 0.00
S.PERRY__115KV_TB1 80734	16.18 0.59 -0.12	12.46 0.48 -0.62	10.50 0.40 -0.96	10.56 0.43 -0.76	10.39 0.42 -0.73	10.50 0.46 -0.62	10.32 0.39 -0.80	10.42 0.30 -0.83	13.32 0.25 0.00	13.41 0.22 0.00	14.56 0.31 0.00	15.32 0.45 0.00	15.80 0.40 0.00	16.94 0.38 0.00	18.69 0.44 0.00	19.77 0.41 0.00	22.85 0.45 0.00	27.30 0.24 0.00	28.85 0.58 -0.43	28.60 0.61 -0.29	26.63 0.96 -0.42	23.95 0.82 -0.47	20.97 0.86 0.00	19.55 1.00 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	15.43 -0.15 -0.11	11.99 0.05 -0.58	10.13 0.09 -0.89	10.21 0.13 -0.71	10.07 0.14 -0.68	10.18 0.19 -0.58	10.02 0.15 -0.75	10.06 -0.01 -0.77	13.01 -0.07 0.00	13.09 -0.09 0.00	14.26 0.01 0.00	14.99 0.12 0.00	15.43 0.03 0.00	16.53 -0.03 0.00	18.16 -0.09 0.00	19.15 -0.21 0.00	22.00 -0.40 0.00	26.00 -1.06 0.00	27.23 -1.00 -0.39	26.83 -1.14 -0.26	25.10 -0.53 -0.39	22.58 -0.52 -0.43	20.13 0.02 0.00	18.90 0.35 0.00
SAWYER__23_KV_LOAD 55526	15.43 -0.15 -0.11	11.99 0.05 -0.58	10.13 0.09 -0.89	10.21 0.13 -0.71	10.07 0.14 -0.68	10.18 0.19 -0.58	10.02 0.15 -0.75	10.06 -0.01 -0.77	13.01 -0.07 0.00	13.09 -0.09 0.00	14.26 0.01 0.00	14.99 0.12 0.00	15.43 0.03 0.00	16.53 -0.03 0.00	18.16 -0.09 0.00	19.15 -0.21 0.00	22.00 -0.40 0.00	26.00 -1.06 0.00	27.23 -1.00 -0.39	26.83 -1.14 -0.26	25.10 -0.53 -0.39	22.58 -0.52 -0.43	20.13 0.02 0.00	18.90 0.35 0.00
SELKIRK___I 23801	16.86 0.57 -0.81	16.16 0.47 -4.33	16.17 0.38 -6.64	15.05 0.38 -5.30	14.72 0.39 -5.08	14.14 0.40 -4.32	15.07 0.38 -5.56	15.44 0.37 -5.77	13.58 0.51 0.00	13.67 0.49 0.00	14.75 0.50 0.00	15.41 0.53 0.00	15.95 0.55 0.00	17.16 0.60 0.00	18.94 0.69 0.00	20.10 0.74 0.00	23.25 0.85 0.00	28.09 1.03 0.00	33.04 1.06 -4.14	31.51 1.03 -2.78	30.34 0.98 -4.11	28.12 0.91 -4.54	20.93 0.82 0.00	19.27 0.72 0.00
SELKIRK___II 23799	16.80 0.51 -0.82	16.17 0.42 -4.39	16.22 0.34 -6.74	15.09 0.35 -5.38	14.75 0.35 -5.16	14.16 0.37 -4.38	15.11 0.35 -5.63	15.49 0.34 -5.85	13.55 0.47 0.00	13.63 0.45 0.00	14.70 0.46 0.00	15.35 0.48 0.00	15.89 0.49 0.00	17.09 0.53 0.00	18.82 0.57 0.00	19.96 0.60 0.00	23.10 0.70 0.00	27.92 0.87 0.00	33.05 0.89 -4.31	31.46 0.86 -2.90	30.33 0.81 -4.28	28.14 0.75 -4.73	20.79 0.68 0.00	19.12 0.58 0.00
SENECA OSWGO___HYD 24041	15.50 -0.03 -0.05	11.61 -0.05 -0.29	9.56 -0.04 -0.45	9.69 -0.04 -0.36	9.55 -0.04 -0.35	9.68 -0.03 -0.29	9.47 -0.04 -0.38	9.63 -0.06 -0.39	12.98 -0.09 0.00	13.12 -0.07 0.00	14.21 -0.04 0.00	14.84 -0.03 0.00	15.35 -0.05 0.00	16.51 -0.05 0.00	18.16 -0.09 0.00	19.27 -0.10 0.00	22.27 -0.13 0.00	26.84 -0.22 0.00	27.67 -0.17 0.00	27.51 -0.19 0.00	25.14 -0.10 0.00	22.56 -0.11 0.00	20.05 -0.06 0.00	18.55 0.00 0.00
SENECA___115KV_TB3 355854	15.53 -0.06 -0.11	12.08 0.11 -0.61	10.21 0.14 -0.93	10.29 0.18 -0.74	10.14 0.18 -0.71	10.26 0.24 -0.61	10.10 0.19 -0.78	10.15 0.05 -0.81	13.17 0.09 0.00	13.26 0.08 0.00	14.45 0.20 0.00	15.18 0.31 0.00	15.63 0.23 0.00	16.74 0.18 0.00	18.40 0.15 0.00	19.38 0.02 0.00	22.27 -0.13 0.00	26.35 -0.70 0.00	27.64 -0.61 -0.41	27.21 -0.78 -0.28	25.45 -0.20 -0.41	22.87 -0.25 -0.45	20.37 0.26 0.00	19.10 0.56 0.00
SENECA___ENERGY 23797	15.64 0.08 -0.09	11.89 0.06 -0.47	9.91 0.06 -0.72	9.99 0.06 -0.57	9.86 0.07 -0.55	9.97 0.08 -0.47	9.80 0.07 -0.60	9.96 0.04 -0.62	13.10 0.03 0.00	13.21 0.03 0.00	14.33 0.09 0.00	14.99 0.12 0.00	15.51 0.11 0.00	16.65 0.08 0.00	18.34 0.09 0.00	19.46 0.10 0.00	22.49 0.09 0.00	27.03 -0.03 0.00	28.23 0.08 -0.31	27.94 0.03 -0.21	25.70 0.15 -0.30	23.12 0.11 -0.34	20.27 0.16 0.00	18.81 0.26 0.00
SHOEMAKER___GT 23640	16.91 0.85 -0.59	15.11 0.59 -3.16	14.46 0.48 -4.84	13.73 0.50 -3.86	13.42 0.47 -3.71	13.04 0.48 -3.15	13.65 0.47 -4.05	14.00 0.50 -4.21	13.83 0.76 0.00	13.91 0.72 0.00	14.99 0.74 0.00	15.64 0.77 0.00	16.23 0.83 0.00	17.46 0.89 0.00	19.14 0.89 0.00	20.31 0.95 0.00	23.52 1.12 0.00	28.52 1.46 0.00	31.53 1.50 -2.18	30.61 1.44 -1.47	28.82 1.41 -2.17	26.35 1.29 -2.39	21.09 0.98 0.00	19.42 0.87 0.00
SHOEMAKR_138KV_BK 111 55601	16.91 0.85 -0.58	15.09 0.59 -3.13	14.43 0.48 -4.81	13.69 0.49 -3.84	13.40 0.47 -3.68	13.03 0.49 -3.13	13.62 0.47 -4.02	13.98 0.50 -4.18	13.85 0.77 0.00	13.92 0.74 0.00	15.00 0.76 0.00	15.63 0.76 0.00	16.23 0.83 0.00	17.47 0.91 0.00	19.13 0.88 0.00	20.31 0.95 0.00	23.52 1.12 0.00	28.52 1.46 0.00	31.48 1.48 -2.17	30.57 1.41 -1.46	28.79 1.39 -2.15	26.31 1.27 -2.38	21.09 0.99 0.00	19.42 0.87 0.00
SHOREHAM_IC_1 23715	17.58 1.45 -0.65	15.85 1.02 -3.46	15.35 0.89 -5.32	14.51 0.90 -4.24	14.10 0.79 -4.07	13.49 0.62 -3.45	14.37 0.79 -4.45	14.77 0.85 -4.62	13.92 0.85 0.00	13.99 0.80 0.00	15.22 0.97 0.00	15.96 1.09 -0.01	16.66 1.25 -0.01	17.93 1.36 -0.01	19.57 1.31 -0.01	20.86 1.49 -0.01	24.19 1.77 -0.02	29.23 2.17 -0.01	32.47 2.23 -2.40	31.45 2.13 -1.62	29.80 2.17 -2.39	27.21 1.90 -2.63	21.76 1.65 -0.01	19.95 1.39 -0.01
SHOREHAM_IC_2 23716	17.58 1.45 -0.65	15.85 1.02 -3.46	15.35 0.89 -5.32	14.51 0.90 -4.24	14.10 0.79 -4.07	13.49 0.62 -3.45	14.37 0.79 -4.45	14.77 0.85 -4.62	13.92 0.85 0.00	13.99 0.80 0.00	15.22 0.97 0.00	15.96 1.09 -0.01	16.66 1.25 -0.01	17.93 1.36 -0.01	19.57 1.31 -0.01	20.86 1.49 -0.01	24.19 1.77 -0.02	29.23 2.17 -0.01	32.47 2.23 -2.40	31.45 2.13 -1.62	29.80 2.17 -2.39	27.21 1.90 -2.63	21.76 1.65 -0.01	19.95 1.39 -0.01
SISSONVILLE___ 23735	14.83 -0.65 0.00	10.89 -0.48 0.00	8.75 -0.39 0.00	8.95 -0.41 0.00	8.85 -0.40 0.00	8.96 -0.45 0.00	8.72 -0.40 0.00	8.92 -0.37 0.00	12.54 -0.54 0.00	12.68 -0.50 0.00	13.68 -0.57 0.00	14.26 -0.61 0.00	14.77 -0.63 0.00	15.85 -0.71 0.00	17.54 -0.71 0.00	18.61 -0.76 0.00	21.57 -0.83 0.00	26.11 -0.95 0.00	26.98 -0.86 0.00	26.93 -0.78 0.00	24.34 -0.91 0.00	21.81 -0.86 0.00	19.38 -0.72 0.00	17.82 -0.72 0.00

SITHE_IND_GS1 24169	15.26 -0.26 -0.04	11.40 -0.19 -0.23	9.35 -0.16 -0.36	9.49 -0.16 -0.29	9.36 -0.16 -0.27	9.50 -0.15 -0.23	9.27 -0.16 -0.30	9.44 -0.17 -0.31	12.83 -0.25 0.00	12.93 -0.25 0.00	14.01 -0.24 0.00	14.62 -0.25 0.00	15.12 -0.28 0.00	16.27 -0.30 0.00	17.92 -0.33 0.00	19.01 -0.35 0.00	21.97 -0.43 0.00	26.49 -0.57 0.00	27.28 -0.56 0.00	27.12 -0.58 0.00	24.76 -0.48 0.00	22.24 -0.43 0.00	19.76 -0.34 0.00	18.27 -0.28 0.00
SITHE_IND_GS2 24170	15.26 -0.26 -0.04	11.40 -0.19 -0.23	9.35 -0.16 -0.36	9.49 -0.16 -0.29	9.36 -0.16 -0.27	9.50 -0.15 -0.23	9.27 -0.16 -0.30	9.44 -0.17 -0.31	12.83 -0.25 0.00	12.93 -0.25 0.00	14.01 -0.24 0.00	14.62 -0.25 0.00	15.12 -0.28 0.00	16.27 -0.30 0.00	17.92 -0.33 0.00	19.01 -0.35 0.00	21.97 -0.43 0.00	26.49 -0.57 0.00	27.28 -0.56 0.00	27.12 -0.58 0.00	24.76 -0.48 0.00	22.24 -0.43 0.00	19.76 -0.34 0.00	18.27 -0.28 0.00
SITHE_IND_GS3 24171	15.26 -0.26 -0.04	11.40 -0.19 -0.23	9.35 -0.16 -0.36	9.49 -0.16 -0.29	9.36 -0.16 -0.27	9.50 -0.15 -0.23	9.27 -0.16 -0.30	9.44 -0.17 -0.31	12.83 -0.25 0.00	12.93 -0.25 0.00	14.01 -0.24 0.00	14.62 -0.25 0.00	15.12 -0.28 0.00	16.27 -0.30 0.00	17.92 -0.33 0.00	19.01 -0.35 0.00	21.97 -0.43 0.00	26.49 -0.57 0.00	27.28 -0.56 0.00	27.12 -0.58 0.00	24.76 -0.48 0.00	22.24 -0.43 0.00	19.76 -0.34 0.00	18.27 -0.28 0.00
SITHE_IND_GS4 24172	15.26 -0.26 -0.04	11.40 -0.19 -0.23	9.35 -0.16 -0.36	9.49 -0.16 -0.29	9.36 -0.16 -0.27	9.50 -0.15 -0.23	9.27 -0.16 -0.30	9.44 -0.17 -0.31	12.83 -0.25 0.00	12.93 -0.25 0.00	14.01 -0.24 0.00	14.62 -0.25 0.00	15.12 -0.28 0.00	16.27 -0.30 0.00	17.92 -0.33 0.00	19.01 -0.35 0.00	21.97 -0.43 0.00	26.49 -0.57 0.00	27.28 -0.56 0.00	27.12 -0.58 0.00	24.76 -0.48 0.00	22.24 -0.43 0.00	19.76 -0.34 0.00	18.27 -0.28 0.00
SITHE___BATAVIA 24024	16.08 0.53 -0.08	12.24 0.43 -0.44	10.19 0.37 -0.68	10.30 0.39 -0.54	10.15 0.38 -0.52	10.28 0.42 -0.44	10.04 0.35 -0.57	10.20 0.31 -0.59	13.39 0.31 0.00	13.46 0.28 0.00	14.65 0.40 0.00	15.42 0.55 0.00	15.86 0.46 0.00	17.08 0.51 0.00	18.85 0.60 0.00	19.92 0.56 0.00	22.96 0.56 0.00	27.46 0.41 0.00	28.68 0.56 -0.29	28.31 0.42 -0.19	26.34 0.81 -0.28	23.69 0.70 -0.31	20.79 0.68 0.00	19.36 0.82 0.00
SITHE___INDEPEND 23800	15.26 -0.26 -0.04	11.40 -0.19 -0.23	9.35 -0.16 -0.36	9.49 -0.16 -0.29	9.36 -0.16 -0.27	9.50 -0.15 -0.23	9.27 -0.16 -0.30	9.44 -0.17 -0.31	12.83 -0.25 0.00	12.93 -0.25 0.00	14.01 -0.24 0.00	14.62 -0.25 0.00	15.12 -0.28 0.00	16.26 -0.30 0.00	17.92 -0.33 0.00	19.01 -0.35 0.00	21.97 -0.43 0.00	26.46 -0.60 0.00	27.28 -0.56 0.00	27.12 -0.58 0.00	24.76 -0.48 0.00	22.24 -0.43 0.00	19.76 -0.34 0.00	18.27 0.00
SITHE___MASSENA 23902	15.04 -0.43 0.00	11.08 -0.28 0.00	8.91 -0.24 0.00	9.11 -0.25 0.00	9.01 -0.24 0.00	9.13 -0.28 0.00	8.88 -0.25 0.00	9.07 -0.22 0.00	12.73 -0.34 0.00	12.87 -0.32 0.00	13.89 -0.36 0.00	14.50 -0.37 0.00	15.00 -0.40 0.00	16.12 -0.45 0.00	17.83 -0.42 0.00	18.90 -0.46 0.00	21.89 -0.51 0.00	26.44 -0.62 0.00	27.25 -0.59 0.00	27.21 -0.50 0.00	24.61 -0.63 0.00	22.08 -0.59 0.00	19.65 -0.46 0.00	18.08 -0.46 0.00
SITHE___OGDNSBRG 24021	15.07 -0.40 0.00	11.06 -0.31 0.00	8.88 -0.27 0.00	9.08 -0.28 0.00	8.98 -0.27 0.00	9.09 -0.32 0.00	8.84 -0.28 0.00	9.05 -0.24 0.00	12.71 -0.37 0.00	12.87 -0.32 0.00	13.88 -0.37 0.00	14.48 -0.39 0.00	14.98 -0.42 0.00	16.10 -0.46 0.00	17.83 -0.42 0.00	18.92 -0.45 0.00	21.93 -0.47 0.00	26.54 -0.51 0.00	27.45 -0.39 0.00	27.46 -0.25 0.00	24.76 -0.48 0.00	22.19 -0.48 0.00	19.70 -0.40 0.00	18.12 -0.43 0.00
SITHE___STERLING 23777	15.92 0.40 -0.04	11.81 0.23 -0.22	9.66 0.18 -0.33	9.82 0.19 -0.27	9.67 0.18 -0.25	9.82 0.19 -0.22	9.58 0.17 -0.28	9.78 0.20 -0.29	13.31 0.24 0.00	13.49 0.30 0.00	14.58 0.33 0.00	15.15 0.28 0.00	15.69 0.29 0.00	16.91 0.35 0.00	18.58 0.33 0.00	19.75 0.39 0.00	22.89 0.49 0.00	27.71 0.65 0.00	28.59 0.75 0.00	28.45 0.75 0.00	25.93 0.68 0.00	23.24 0.57 0.00	20.67 0.56 0.00	19.08 0.54 0.00
SLEIGHT__34_KV_TB1 80719	15.97 0.42 -0.08	12.10 0.30 -0.44	10.04 0.23 -0.67	10.13 0.22 -0.54	9.98 0.22 -0.51	10.11 0.25 -0.44	9.92 0.24 -0.56	10.10 0.22 -0.58	13.36 0.29 0.00	13.51 0.33 0.00	14.68 0.43 0.00	15.35 0.48 0.00	15.86 0.46 0.00	17.04 0.48 0.00	18.80 0.55 0.00	19.94 0.58 0.00	23.03 0.63 0.00	27.68 0.62 0.00	28.85 0.72 -0.28	28.56 0.66 -0.19	26.23 0.71 -0.28	23.59 0.61 -0.31	20.67 0.56 0.00	19.16 0.61 0.00
SOUTH CAIRO___GT 23612	16.91 0.66 -0.77	16.00 0.51 -4.13	15.91 0.43 -6.34	14.84 0.42 -5.06	14.54 0.44 -4.85	14.03 0.50 -4.12	14.90 0.47 -5.30	15.25 0.45 -5.50	13.73 0.65 0.00	13.82 0.63 0.00	14.79 0.54 0.00	15.51 0.64 0.00	16.06 0.66 0.00	17.18 0.61 0.00	19.02 0.77 0.00	20.19 0.83 0.00	23.50 1.10 0.00	28.54 1.49 0.00	33.41 1.64 -3.93	31.98 1.63 -2.64	30.68 1.54 -3.90	28.31 1.34 -4.30	21.25 1.15 0.00	19.49 0.95 0.00
SOUTH HAMPTN___IC 23720	17.82 1.69 -0.65	16.01 1.18 -3.46	15.46 1.01 -5.32	14.64 1.03 -4.24	14.23 0.92 -4.07	13.63 0.76 -3.45	14.48 0.91 -4.45	14.90 0.98 -4.62	14.15 1.07 0.00	14.21 1.03 0.00	15.47 1.23 0.00	16.28 1.40 -0.01	16.98 1.57 -0.01	18.28 1.71 -0.01	19.96 1.70 -0.01	21.25 1.88 -0.01	24.69 2.26 -0.02	29.80 2.73 -0.01	33.05 2.81 -2.40	32.04 2.72 -1.62	30.36 2.73 -2.39	27.70 2.40 -2.63	22.14 2.03 -0.01	20.28 1.73 -0.01
SOUTHDOW__115KV_TB1 355954	15.88 0.28 -0.12	12.42 0.40 -0.65	10.50 0.36 -1.00	10.58 0.41 -0.80	10.43 0.42 -0.77	10.57 0.50 -0.65	10.42 0.46 -0.84	10.52 0.35 -0.87	13.73 0.65 0.00	13.84 0.66 0.00	15.06 0.81 0.00	15.82 0.95 0.00	16.28 0.88 0.00	17.44 0.88 0.00	19.11 0.86 0.00	20.10 0.74 0.00	22.89 0.49 0.00	27.19 0.14 0.00	28.56 0.25 -0.47	28.08 0.06 -0.32	26.19 0.48 -0.47	23.50 0.32 -0.52	20.81 0.70 0.00	19.42 0.87 0.00
SOUTHOLD_69_KV_BK 2 55809	18.07 1.95 -0.65	16.20 1.38 -3.46	15.62 1.16 -5.32	14.78 1.17 -4.24	14.37 1.05 -4.07	13.78 0.91 -3.45	14.63 1.06 -4.45	15.05 1.13 -4.62	14.37 1.29 0.00	14.44 1.25 0.00	15.72 1.47 0.00	16.57 1.70 0.00	17.28 1.88 0.00	18.62 2.05 0.00	20.29 2.04 0.00	21.63 2.27 0.00	25.20 2.78 -0.02	30.39 3.33 0.00	33.66 3.42 -2.39	32.64 3.32 -1.61	30.93 3.31 -2.38	28.17 2.88 -2.63	22.54 2.43 0.00	20.62 2.08 0.00
SOUTHOLD___IC 23719	18.08 1.95 -0.65	16.20 1.37 -3.46	15.62 1.16 -5.32	14.79 1.18 -4.24	14.37 1.05 -4.07	13.78 0.91 -3.45	14.63 1.06 -4.45	15.05 1.13 -4.62	14.37 1.29 0.00	14.44 1.25 0.00	15.72 1.47 0.00	16.57 1.69 -0.01	17.29 1.88 -0.01	18.59 2.02 -0.01	20.30 2.04 -0.01	21.64 2.26 -0.01	25.18 2.75 -0.02	30.39 3.33 -0.01	33.67 3.42 -2.40	32.64 3.32 -1.62	30.94 3.31 -2.39	28.18 2.88 -2.63	22.55 2.43 -0.01	20.63 2.08 -0.01

SPIERFLS_115KV_TB 1 80737	17.52 1.19 -0.85	16.79 0.85 -4.57	16.85 0.69 -7.01	15.65 0.68 -5.60	15.31 0.69 -5.37	14.70 0.72 -4.56	15.69 0.69 -5.87	16.08 0.69 -6.09	14.06 0.98 0.00	14.19 1.00 0.00	15.20 0.95 0.00	15.96 1.09 0.00	16.52 1.12 0.00	17.62 1.06 0.00	19.55 1.30 0.00	20.80 1.43 0.00	24.33 1.93 0.00	29.44 2.38 0.00	37.64 2.76 -7.04	35.12 2.69 -4.73	34.76 2.52 -6.99	32.61 2.22 -7.72	22.02 1.91 0.00	20.21 1.67 0.00
ST LAWRENCE____ 23600	14.95 -0.53 0.00	11.00 -0.36 0.00	8.85 -0.29 0.00	9.06 -0.31 0.00	8.94 -0.30 0.00	9.09 -0.33 0.00	8.82 -0.30 0.00	9.01 -0.29 0.00	12.66 -0.42 0.00	12.77 -0.41 0.00	13.79 -0.46 0.00	14.40 -0.48 0.00	14.91 -0.49 0.00	16.02 -0.55 0.00	17.70 -0.55 0.00	18.78 -0.58 0.00	21.73 -0.67 0.00	26.27 -0.79 0.00	27.06 -0.78 0.00	26.98 -0.72 0.00	24.44 -0.81 0.00	21.94 -0.73 0.00	19.46 -0.64 0.00	17.93 -0.61 0.00
STATE_CA_115KV_115_LB 55624	16.85 0.54 -0.83	16.29 0.47 -4.46	16.36 0.37 -6.84	15.22 0.39 -5.46	14.87 0.39 -5.23	14.26 0.40 -4.44	15.23 0.38 -5.72	15.62 0.38 -5.94	13.57 0.50 0.00	13.67 0.49 0.00	14.75 0.50 0.00	15.39 0.52 0.00	15.94 0.54 0.00	17.14 0.58 0.00	18.91 0.66 0.00	20.06 0.70 0.00	23.18 0.78 0.00	28.03 0.97 0.00	34.29 1.00 -5.45	32.33 0.97 -3.66	31.57 0.91 -5.41	29.48 0.84 -5.98	20.85 0.74 0.00	19.18 0.63 0.00
STATE_ST_34_KV_LOAD 55959	15.76 0.20 -0.09	11.97 0.15 -0.46	9.97 0.12 -0.71	10.03 0.10 -0.56	9.89 0.10 -0.54	10.01 0.13 -0.46	9.84 0.12 -0.59	10.01 0.10 -0.61	13.23 0.16 0.00	13.37 0.18 0.00	14.49 0.24 0.00	15.27 0.40 0.00	15.80 0.40 0.00	16.98 0.41 0.00	18.71 0.46 0.00	19.87 0.50 0.00	22.96 0.56 0.00	27.63 0.57 0.00	28.78 0.64 -0.30	28.52 0.61 -0.20	26.15 0.61 -0.30	23.52 0.52 -0.33	20.45 0.34 0.00	18.92 0.37 0.00
STATION 5_MISC_HYD 23604	15.67 0.11 -0.08	11.94 0.14 -0.44	9.96 0.14 -0.68	10.06 0.15 -0.54	9.91 0.15 -0.52	10.04 0.18 -0.44	9.83 0.14 -0.57	9.96 0.07 -0.59	13.06 -0.01 0.00	13.16 -0.03 0.00	14.32 0.07 0.00	15.05 0.18 0.00	15.51 0.11 0.00	16.66 0.10 0.00	18.38 0.13 0.00	19.44 0.08 0.00	22.38 -0.02 0.00	26.70 -0.35 0.00	27.82 -0.31 -0.29	27.48 -0.41 -0.19	25.50 -0.03 -0.28	22.96 -0.02 -0.31	20.23 0.12 0.00	18.86 0.31 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	15.74 0.19 -0.08	11.97 0.16 -0.44	9.97 0.15 -0.68	10.07 0.16 -0.54	9.91 0.15 -0.52	10.05 0.19 -0.44	9.84 0.15 -0.57	10.00 0.11 -0.59	13.17 0.09 0.00	13.26 0.08 0.00	14.42 0.17 0.00	15.09 0.22 0.00	15.59 0.18 0.00	16.74 0.18 0.00	18.45 0.20 0.00	19.56 0.19 0.00	22.54 0.13 0.00	27.00 -0.05 0.00	28.15 0.03 -0.29	27.81 -0.08 -0.19	25.73 0.20 -0.28	23.14 0.16 -0.31	20.35 0.24 0.00	18.90 0.35 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	15.57 0.02 -0.08	11.87 0.07 -0.44	9.89 0.07 -0.67	10.00 0.09 -0.54	9.84 0.08 -0.52	9.97 0.11 -0.44	9.76 0.07 -0.56	9.90 0.02 -0.59	13.00 -0.08 0.00	13.10 -0.08 0.00	14.25 0.00 0.00	14.96 0.09 0.00	15.43 0.03 0.00	16.58 0.02 0.00	18.27 0.02 0.00	19.34 -0.02 0.00	22.27 -0.13 0.00	26.57 -0.49 0.00	27.71 -0.42 -0.28	27.37 -0.53 -0.19	25.40 -0.13 -0.28	22.84 -0.14 -0.31	20.11 0.00 0.00	18.73 0.19 0.00
STA_56____34_KV_BUS2 355983	15.57 0.02 -0.08	11.87 0.07 -0.44	9.89 0.07 -0.67	10.00 0.09 -0.54	9.84 0.08 -0.52	9.97 0.11 -0.44	9.76 0.07 -0.56	9.90 0.02 -0.59	13.00 -0.08 0.00	13.10 -0.08 0.00	14.25 0.00 0.00	14.96 0.09 0.00	15.43 0.03 0.00	16.58 0.02 0.00	18.27 0.02 0.00	19.34 -0.02 0.00	22.27 -0.13 0.00	26.57 -0.49 0.00	27.71 -0.42 -0.28	27.37 -0.53 -0.19	25.40 -0.13 -0.28	22.84 -0.14 -0.31	20.11 0.00 0.00	18.73 0.19 0.00
STA_67____115KV_BK2 355882	15.62 0.06 -0.08	11.92 0.11 -0.44	9.94 0.12 -0.68	10.05 0.14 -0.54	9.90 0.14 -0.52	10.03 0.17 -0.44	9.81 0.12 -0.57	9.94 0.06 -0.59	13.05 -0.03 0.00	13.13 -0.05 0.00	14.29 0.04 0.00	15.02 0.15 0.00	15.48 0.08 0.00	16.63 0.07 0.00	18.32 0.07 0.00	19.38 0.02 0.00	22.31 -0.09 0.00	26.62 -0.43 0.00	27.76 -0.36 -0.29	27.43 -0.47 -0.19	25.45 -0.08 -0.28	22.89 -0.09 -0.31	20.19 0.08 0.00	18.81 0.26 0.00
STA_7____115KV_9TRANS 80674	15.73 0.17 -0.08	11.99 0.18 -0.44	10.00 0.17 -0.68	10.10 0.19 -0.54	9.95 0.18 -0.52	10.07 0.22 -0.44	9.86 0.16 -0.57	10.00 0.11 -0.59	13.11 0.04 0.00	13.21 0.03 0.00	14.39 0.14 0.00	15.12 0.25 0.00	15.60 0.20 0.00	16.76 0.20 0.00	18.49 0.24 0.00	19.54 0.17 0.00	22.51 0.11 0.00	26.84 -0.22 0.00	27.99 -0.14 -0.29	27.65 -0.25 -0.19	25.65 0.13 -0.28	23.10 0.11 -0.31	20.31 0.20 0.00	18.92 0.37 0.00
STA_82____115KV_TB1 80780	15.64 0.08 -0.08	11.92 0.11 -0.44	9.94 0.12 -0.68	10.05 0.14 -0.54	9.91 0.14 -0.52	10.03 0.17 -0.44	9.82 0.12 -0.57	9.95 0.06 -0.59	13.05 -0.03 0.00	13.14 -0.04 0.00	14.29 0.04 0.00	15.02 0.15 0.00	15.49 0.09 0.00	16.65 0.08 0.00	18.34 0.09 0.00	19.40 0.04 0.00	22.33 -0.07 0.00	26.62 -0.43 0.00	27.77 -0.36 -0.29	27.43 -0.47 -0.19	25.48 -0.05 -0.29	22.92 -0.07 -0.31	20.19 0.08 0.00	18.82 0.28 0.00
STEEL____WIND 323596	15.51 -0.08 -0.11	12.07 0.10 -0.61	10.20 0.13 -0.93	10.27 0.16 -0.74	10.13 0.18 -0.71	10.25 0.23 -0.61	10.09 0.18 -0.78	10.15 0.05 -0.81	13.15 0.08 0.00	13.25 0.07 0.00	14.43 0.18 0.00	15.17 0.30 0.00	15.62 0.22 0.00	16.73 0.17 0.00	18.38 0.13 0.00	19.36 0.00 0.00	22.24 -0.16 0.00	26.38 -0.68 0.00	27.61 -0.64 -0.41	27.18 -0.80 -0.28	25.43 -0.23 -0.41	22.85 -0.27 -0.45	20.35 0.24 0.00	19.10 0.56 0.00
STEPHTWN_115KV_BK_2 55603	16.93 0.63 -0.82	16.29 0.52 -4.41	16.33 0.42 -6.76	15.21 0.45 -5.40	14.87 0.44 -5.18	14.27 0.46 -4.40	15.21 0.43 -5.66	15.60 0.43 -5.88	13.65 0.58 0.00	13.75 0.57 0.00	14.85 0.60 0.00	15.48 0.61 0.00	16.05 0.65 0.00	17.24 0.68 0.00	19.04 0.78 0.00	20.20 0.83 0.00	23.34 0.94 0.00	28.25 1.19 0.00	33.89 1.22 -4.83	32.14 1.19 -3.24	31.15 1.11 -4.79	28.98 1.02 -5.29	21.03 0.92 0.00	19.32 0.78 0.00
STEBEN_REC_LFGE 323667	16.13 0.51 -0.15	12.58 0.43 -0.78	10.70 0.37 -1.20	10.72 0.40 -0.95	10.57 0.41 -0.91	10.64 0.45 -0.78	10.54 0.41 -1.00	10.66 0.33 -1.04	13.56 0.48 0.00	13.68 0.50 0.00	14.87 0.63 0.00	15.57 0.70 0.00	16.06 0.66 0.00	17.23 0.66 0.00	18.94 0.69 0.00	20.04 0.68 0.00	23.10 0.69 0.00	27.60 0.54 0.00	29.12 0.72 -0.55	28.68 0.61 -0.37	26.65 0.86 -0.55	23.98 0.70 -0.60	20.99 0.88 0.00	19.62 1.08 0.00
STONY____BROOK 24151	17.72 1.59 -0.65	15.93 1.10 -3.46	15.38 0.92 -5.32	14.55 0.95 -4.24	14.15 0.84 -4.07	13.61 0.74 -3.45	14.40 0.83 -4.45	14.82 0.90 -4.62	14.15 1.07 0.00	14.21 1.03 0.00	15.46 1.21 0.00	16.28 1.40 -0.01	16.96 1.55 -0.01	18.26 1.69 -0.01	19.97 1.72 -0.01	21.25 1.88 -0.01	24.64 2.22 -0.02	29.74 2.68 -0.01	33.00 2.76 -2.40	31.98 2.66 -1.62	30.26 2.63 -2.39	27.64 2.34 -2.63	22.06 1.95 -0.01	20.22 1.67 -0.01

STURGEON_POOL_HYD 23609	17.17 1.04 -0.66	15.58 0.69 -3.52	15.10 0.56 -5.40	14.25 0.57 -4.31	13.92 0.55 -4.13	13.48 0.56 -3.51	14.20 0.56 -4.52	14.59 0.60 -4.69	14.09 1.02 0.00	14.13 0.95 0.00	15.22 0.97 0.00	15.78 0.91 0.00	16.42 1.02 0.00	17.66 1.09 0.00	19.27 1.02 0.00	20.45 1.08 0.00	23.70 1.30 0.00	28.82 1.76 0.00	32.24 1.70 -2.71	31.13 1.61 -1.82	29.55 1.62 -2.69	27.08 1.45 -2.97	21.33 1.23 0.00	19.62 1.08 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	17.02 0.94 -0.60	15.25 0.66 -3.23	14.62 0.53 -4.95	13.86 0.54 -3.95	13.56 0.53 -3.79	13.17 0.54 -3.22	13.79 0.53 -4.14	14.15 0.56 -4.30	13.94 0.86 0.00	14.01 0.83 0.00	15.10 0.85 0.00	15.70 0.83 0.00	16.31 0.91 0.00	17.56 0.99 0.00	19.22 0.97 0.00	20.39 1.03 0.00	23.61 1.21 0.00	28.65 1.60 0.00	31.69 1.61 -2.23	30.75 1.55 -1.50	28.97 1.51 -2.22	26.47 1.36 -2.45	21.19 1.09 0.00	19.51 0.96 0.00
SWANROAD_115KV_TB1 355699	15.15 -0.43 -0.10	11.77 -0.16 -0.56	9.93 -0.07 -0.86	10.01 -0.04 -0.69	9.88 -0.03 -0.66	9.99 0.02 -0.56	9.82 -0.03 -0.72	9.86 -0.19 -0.75	12.71 -0.37 0.00	12.79 -0.40 0.00	13.93 -0.31 0.00	14.65 -0.22 0.00	15.06 -0.34 0.00	16.13 -0.43 0.00	17.74 -0.51 0.00	18.70 -0.66 0.00	21.46 -0.94 0.00	25.35 -1.70 0.00	26.55 -1.67 -0.38	26.16 -1.80 -0.25	24.51 -1.11 -0.38	22.04 -1.04 -0.41	19.68 -0.42 0.00	18.53 -0.02 0.00
SYNERGY___BIOGAS 323694	16.08 0.53 -0.08	12.24 0.43 -0.44	10.19 0.37 -0.68	10.30 0.39 -0.54	10.15 0.38 -0.52	10.28 0.42 -0.44	10.04 0.35 -0.57	10.20 0.31 -0.59	13.39 0.31 0.00	13.46 0.28 0.00	14.65 0.40 0.00	15.42 0.55 0.00	15.86 0.46 0.00	17.08 0.51 0.00	18.85 0.60 0.00	19.92 0.56 0.00	22.96 0.56 0.00	27.46 0.41 0.00	28.68 0.56 -0.29	28.31 0.42 -0.19	26.34 0.81 -0.28	23.69 0.70 -0.31	20.79 0.68 0.00	19.36 0.82 0.00
SYRACUSE___ENERGY_ST1 323597	15.64 0.09 -0.07	11.79 0.06 -0.37	9.76 0.05 -0.57	9.87 0.05 -0.45	9.72 0.04 -0.44	9.84 0.06 -0.37	9.65 0.05 -0.48	9.82 0.03 -0.50	13.11 0.04 0.00	13.25 0.07 0.00	14.36 0.11 0.00	14.99 0.12 0.00	15.52 0.12 0.00	16.68 0.12 0.00	18.38 0.13 0.00	19.50 0.14 0.00	22.54 0.13 0.00	27.14 0.08 0.00	28.21 0.14 -0.23	27.97 0.11 -0.16	25.62 0.15 -0.23	23.04 0.11 -0.25	20.23 0.12 0.00	18.71 0.17 0.00
SYRACUSE___ENERGY_ST2 323598	15.64 0.09 -0.07	11.79 0.06 -0.37	9.76 0.05 -0.57	9.87 0.05 -0.45	9.72 0.04 -0.44	9.84 0.06 -0.37	9.65 0.05 -0.48	9.82 0.03 -0.50	13.11 0.04 0.00	13.25 0.07 0.00	14.36 0.11 0.00	14.99 0.12 0.00	15.52 0.12 0.00	16.68 0.12 0.00	18.38 0.13 0.00	19.50 0.14 0.00	22.54 0.13 0.00	27.14 0.08 0.00	28.21 0.14 -0.23	27.97 0.11 -0.16	25.62 0.15 -0.23	23.04 0.11 -0.25	20.23 0.12 0.00	18.71 0.17 0.00
SYRACUSE___POWER 24017	15.61 0.06 -0.07	11.79 0.03 -0.39	9.76 0.03 -0.59	9.87 0.03 -0.47	9.73 0.03 -0.45	9.84 0.04 -0.39	9.65 0.03 -0.50	9.83 0.02 -0.52	13.09 0.01 0.00	13.22 0.04 0.00	14.32 0.07 0.00	14.95 0.07 0.00	15.48 0.08 0.00	16.65 0.08 0.00	18.32 0.07 0.00	19.46 0.10 0.00	22.49 0.09 0.00	27.08 0.03 0.00	28.17 0.08 -0.24	27.92 0.06 -0.16	25.61 0.13 -0.24	23.02 0.09 -0.27	20.21 0.10 0.00	18.69 0.15 0.00
TALLMAN__138KV_BK151 55660	17.15 1.05 -0.62	15.42 0.74 -3.32	14.82 0.59 -5.09	14.04 0.61 -4.06	13.72 0.58 -3.89	13.32 0.59 -3.31	13.97 0.58 -4.26	14.34 0.62 -4.42	14.04 0.97 0.00	14.11 0.92 0.00	15.20 0.95 0.00	15.81 0.94 0.00	16.43 1.03 0.00	17.69 1.13 0.00	19.35 1.10 0.00	20.52 1.16 0.00	23.77 1.37 0.00	28.84 1.79 0.00	31.94 1.81 -2.29	30.96 1.72 -1.54	29.21 1.69 -2.28	26.70 1.52 -2.51	21.31 1.21 0.00	19.60 1.06 0.00
TEALLAVE_115KV_TB7 355573	15.57 0.03 -0.06	11.70 0.01 -0.33	9.65 0.01 -0.50	9.77 0.01 -0.40	9.64 0.01 -0.38	9.76 0.02 -0.32	9.55 0.01 -0.42	9.72 -0.01 -0.43	13.05 -0.03 0.00	13.18 0.00 0.00	14.29 0.04 0.00	14.92 0.04 0.00	15.43 0.03 0.00	16.61 0.05 0.00	18.29 0.04 0.00	19.40 0.04 0.00	22.42 0.02 0.00	27.00 -0.05 0.00	28.03 0.00 -0.19	27.78 -0.06 -0.13	25.46 0.03 -0.19	22.90 0.02 -0.21	20.15 0.04 0.00	18.64 0.09 0.00
TELGRAPH_34_KV_EAST 80808	15.47 -0.11 -0.10	11.96 0.06 -0.54	10.07 0.10 -0.83	10.17 0.14 -0.66	10.02 0.14 -0.63	10.14 0.19 -0.54	9.95 0.14 -0.69	10.01 -0.01 -0.72	12.97 -0.10 0.00	13.04 -0.15 0.00	14.22 -0.03 0.00	14.95 0.07 0.00	15.37 -0.03 0.00	16.46 -0.10 0.00	18.12 -0.13 0.00	19.11 -0.25 0.00	21.95 -0.45 0.00	25.98 -1.08 0.00	27.20 -1.00 -0.36	26.84 -1.11 -0.24	25.12 -0.48 -0.36	22.57 -0.50 -0.40	20.11 0.00 0.00	18.88 0.33 0.00
TEMPLE___115KV_TB 2 55572	15.58 0.05 -0.06	11.71 0.01 -0.33	9.66 0.01 -0.51	9.79 0.02 -0.40	9.64 0.01 -0.39	9.77 0.03 -0.33	9.57 0.02 -0.42	9.74 0.00 -0.44	13.06 -0.01 0.00	13.20 0.01 0.00	14.29 0.04 0.00	14.93 0.06 0.00	15.45 0.05 0.00	16.63 0.07 0.00	18.31 0.05 0.00	19.42 0.06 0.00	22.45 0.04 0.00	27.03 -0.03 0.00	28.04 0.00 -0.20	27.81 -0.03 -0.13	25.49 0.05 -0.20	22.93 0.05 -0.22	20.17 0.06 0.00	18.66 0.11 0.00
TIANA____69_KV_BK 1 55817	17.75 1.62 -0.65	15.98 1.15 -3.46	15.44 0.98 -5.32	14.59 0.98 -4.24	14.19 0.88 -4.07	13.59 0.72 -3.45	14.45 0.88 -4.45	14.86 0.95 -4.62	14.09 1.02 0.00	14.17 0.99 0.00	15.42 1.17 0.00	16.21 1.34 0.00	16.91 1.51 0.00	18.22 1.66 0.00	19.87 1.62 0.00	21.16 1.80 0.00	24.62 2.20 -0.02	29.68 2.62 0.00	32.94 2.70 -2.39	31.92 2.60 -1.61	30.25 2.63 -2.38	27.58 2.29 -2.63	22.06 1.95 0.00	20.20 1.65 0.00
TILDEN___115KV_TB1 80814	15.61 0.06 -0.07	11.79 0.03 -0.39	9.76 0.03 -0.59	9.87 0.03 -0.47	9.73 0.03 -0.45	9.84 0.04 -0.39	9.65 0.03 -0.50	9.83 0.02 -0.52	13.09 0.01 0.00	13.22 0.04 0.00	14.32 0.07 0.00	14.95 0.07 0.00	15.48 0.08 0.00	16.65 0.08 0.00	18.32 0.07 0.00	19.46 0.10 0.00	22.49 0.09 0.00	27.08 0.03 0.00	28.17 0.08 -0.24	27.92 0.06 -0.16	25.61 0.13 -0.24	23.02 0.09 -0.27	20.21 0.10 0.00	18.69 0.15 0.00
TRIGEN___CC 323695	17.54 1.42 -0.65	15.82 0.99 -3.46	15.25 0.80 -5.32	14.42 0.81 -4.24	14.07 0.76 -4.07	13.58 0.72 -3.45	14.31 0.74 -4.45	14.72 0.81 -4.62	14.17 1.10 0.00	14.24 1.05 0.00	15.46 1.21 0.00	16.17 1.29 0.00	16.80 1.40 0.00	18.09 1.52 0.00	19.78 1.53 0.00	20.97 1.61 0.00	24.26 1.84 -0.02	29.44 2.38 0.00	32.63 2.39 -2.39	31.64 2.33 -1.61	29.84 2.22 -2.38	27.31 2.02 -2.63	21.78 1.67 0.00	20.05 1.50 0.00
TRINITY__115KV__ 4 BK 55933	16.79 0.50 -0.82	16.21 0.43 -4.42	16.28 0.36 -6.78	15.15 0.37 -5.41	14.80 0.37 -5.19	14.20 0.38 -4.41	15.15 0.36 -5.67	15.54 0.35 -5.89	13.55 0.47 0.00	13.63 0.45 0.00	14.70 0.46 0.00	15.35 0.48 0.00	15.89 0.49 0.00	17.09 0.53 0.00	18.82 0.57 0.00	19.98 0.62 0.00	23.07 0.67 0.00	27.92 0.87 0.00	33.62 0.86 -4.92	31.84 0.83 -3.30	30.94 0.81 -4.88	28.81 0.75 -5.39	20.77 0.66 0.00	19.10 0.56 0.00

UNION___PROCESSING_DRP 323587	15.64 0.08 -0.08	11.93 0.13 -0.44	9.95 0.13 -0.68	10.06 0.15 -0.54	9.91 0.14 -0.52	10.03 0.17 -0.44	9.82 0.13 -0.57	9.95 0.07 -0.59	13.05 -0.03 0.00	13.14 -0.04 0.00	14.30 0.06 0.00	15.04 0.16 0.00	15.49 0.09 0.00	16.65 0.08 0.00	18.34 0.09 0.00	19.40 0.04 0.00	22.33 -0.07 0.00	26.62 -0.43 0.00	27.79 -0.33 -0.29	27.45 -0.44 -0.19	25.48 -0.05 -0.29	22.92 -0.07 -0.32	20.19 0.08 0.00	18.82 0.28 0.00
UPPER HUDSON___HYD 24058	17.52 1.19 -0.85	16.79 0.85 -4.57	16.85 0.69 -7.01	15.65 0.68 -5.60	15.31 0.69 -5.37	14.70 0.73 -4.56	15.69 0.69 -5.87	16.08 0.69 -6.09	14.06 0.98 0.00	14.19 1.00 0.00	15.20 0.95 0.00	15.96 1.09 0.00	16.52 1.12 0.00	17.61 1.04 0.00	19.55 1.30 0.00	20.80 1.43 0.00	24.33 1.93 0.00	29.44 2.38 0.00	37.64 2.76 -7.04	35.12 2.69 -4.73	34.76 2.52 -6.99	32.61 2.22 -7.72	22.02 1.91 0.00	20.22 1.67 0.00
UPPER RAQUET___HYD 24056	14.83 -0.65 0.00	10.89 -0.48 0.00	8.75 -0.39 0.00	8.95 -0.41 0.00	8.85 -0.40 0.00	8.96 -0.45 0.00	8.72 -0.40 0.00	8.92 -0.37 0.00	12.54 -0.54 0.00	12.68 -0.50 0.00	13.68 -0.57 0.00	14.26 -0.61 0.00	14.77 -0.63 0.00	15.87 -0.70 0.00	17.54 -0.71 0.00	18.61 -0.76 0.00	21.57 -0.83 0.00	26.11 -0.95 0.00	26.98 -0.86 0.00	26.93 -0.78 0.00	24.34 -0.91 0.00	21.81 -0.86 0.00	19.38 -0.72 0.00	17.82 -0.72 0.00
VALLEY44_115KV_TB2 355964	15.35 -0.25 -0.13	12.00 -0.03 -0.67	10.19 0.01 -1.03	10.24 0.05 -0.83	10.09 0.06 -0.79	10.19 0.10 -0.67	10.06 0.07 -0.86	10.17 -0.03 -0.90	13.30 0.22 0.00	13.39 0.21 0.00	14.56 0.31 0.00	15.27 0.40 0.00	15.74 0.34 0.00	16.88 0.31 0.00	18.47 0.22 0.00	19.50 0.14 0.00	22.40 0.00 0.00	26.62 -0.43 0.00	27.95 -0.36 -0.47	27.49 -0.53 -0.31	25.66 -0.05 -0.47	23.07 -0.11 -0.51	20.41 0.30 0.00	19.10 0.56 0.00
VALLEY___115KV_TB 1-4 80826	15.68 0.20 0.00	11.49 0.13 0.00	9.24 0.10 0.00	9.47 0.10 0.00	9.35 0.10 0.00	9.52 0.10 0.00	9.23 0.10 0.00	9.41 0.11 0.00	13.23 0.16 0.00	13.37 0.18 0.00	14.46 0.21 0.00	15.01 0.13 0.00	15.52 0.12 0.00	16.71 0.15 0.00	18.38 0.13 0.00	19.48 0.12 0.00	22.54 0.13 0.00	27.19 0.14 0.00	27.98 0.14 0.00	27.82 0.11 0.00	25.32 0.08 0.00	22.76 0.09 0.00	20.31 0.20 0.00	18.75 0.20 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	16.52 0.77 -0.27	13.31 0.49 -1.45	11.78 0.40 -2.23	11.55 0.40 -1.78	11.35 0.40 -1.71	11.28 0.41 -1.45	11.39 0.40 -1.87	11.68 0.45 -1.94	13.73 0.65 0.00	13.90 0.71 0.00	15.02 0.77 0.00	15.73 0.86 0.00	16.31 0.91 0.00	17.61 1.04 0.00	19.27 1.02 0.00	20.49 1.12 0.00	23.70 1.30 0.00	28.68 1.62 0.00	31.22 1.64 -1.74	30.48 1.61 -1.17	28.46 1.49 -1.73	25.89 1.31 -1.91	21.11 1.01 0.00	19.47 0.93 0.00
VISCHER___FERRY HYD 24020	17.10 0.79 -0.83	16.43 0.59 -4.47	16.49 0.48 -6.86	15.33 0.49 -5.47	14.98 0.49 -5.25	14.38 0.51 -4.46	15.35 0.48 -5.74	15.73 0.47 -5.96	13.75 0.68 0.00	13.83 0.65 0.00	14.92 0.67 0.00	15.57 0.70 0.00	16.12 0.72 0.00	17.34 0.78 0.00	19.11 0.86 0.00	20.29 0.93 0.00	23.54 1.14 0.00	28.46 1.41 0.00	35.55 1.47 -6.24	33.36 1.47 -4.19	32.80 1.36 -6.19	30.75 1.25 -6.84	21.23 1.13 0.00	19.51 0.96 0.00
V_A_10_SYNC_DSASP 323832	15.46 -0.11 -0.09	11.90 0.03 -0.50	9.99 0.08 -0.77	10.09 0.11 -0.61	9.94 0.11 -0.59	10.07 0.16 -0.50	9.89 0.12 -0.64	9.95 -0.01 -0.67	12.92 -0.16 0.00	13.00 -0.18 0.00	14.15 -0.10 0.00	14.86 -0.01 0.00	15.29 -0.11 0.00	16.41 -0.15 0.00	18.05 -0.20 0.00	19.07 -0.29 0.00	21.91 -0.49 0.00	25.98 -1.08 0.00	27.08 -1.09 -0.33	26.76 -1.16 -0.22	24.97 -0.61 -0.33	22.44 -0.59 -0.36	19.97 -0.14 0.00	18.71 0.17 0.00
V_CMM_10_SYNC_DSASP 323787	15.00 -0.48 0.00	11.05 -0.32 0.00	8.88 -0.27 0.00	9.09 -0.28 0.00	8.98 -0.27 0.00	9.11 -0.30 0.00	8.86 -0.26 0.00	9.05 -0.25 0.00	12.70 -0.38 0.00	12.83 -0.36 0.00	13.85 -0.40 0.00	14.46 -0.42 0.00	14.95 -0.45 0.00	16.08 -0.48 0.00	17.78 -0.47 0.00	18.84 -0.52 0.00	21.82 -0.58 0.00	26.35 -0.70 0.00	27.15 -0.69 0.00	27.10 -0.61 0.00	24.54 -0.71 0.00	22.01 -0.66 0.00	19.54 -0.56 0.00	18.01 -0.54 0.00
V_CMP_10_SYNC_DSASP 323788	15.15 -0.33 0.00	11.16 -0.20 0.00	8.95 -0.19 0.00	9.16 -0.21 0.00	9.05 -0.19 0.00	9.18 -0.24 0.00	8.94 -0.18 0.00	9.17 -0.13 0.00	12.90 -0.17 0.00	13.06 -0.12 0.00	14.11 -0.14 0.00	14.77 -0.10 0.00	15.25 -0.15 0.00	16.36 -0.20 0.00	18.09 -0.16 0.00	19.15 -0.21 0.00	22.18 -0.22 0.00	26.79 -0.27 0.00	27.73 -0.11 0.00	27.65 -0.06 0.00	24.97 -0.28 0.00	22.35 -0.32 0.00	19.84 -0.26 0.00	18.30 -0.24 0.00
V_E_10_SYNC_DSASP 323830	17.05 1.38 -0.20	13.22 0.78 -1.08	11.43 0.64 -1.65	11.32 0.64 -1.32	11.13 0.62 -1.26	11.13 0.64 -1.07	11.12 0.61 -1.38	11.41 0.68 -1.43	13.95 0.88 0.00	14.17 0.99 0.00	15.33 1.08 0.00	15.93 1.06 0.00	16.46 1.06 0.00	17.79 1.23 0.00	19.44 1.19 0.00	20.72 1.35 0.00	24.10 1.70 0.00	29.28 2.22 0.00	31.30 2.48 -0.98	30.94 2.58 -0.66	28.54 2.32 -0.97	25.69 1.95 -1.07	21.86 1.75 0.00	20.22 1.67 0.00
V_F_30_NSYNC___DSASP 323816	17.35 1.02 -0.85	16.66 0.74 -4.56	16.74 0.60 -6.99	15.55 0.60 -5.58	15.21 0.61 -5.35	14.59 0.63 -4.54	15.58 0.60 -5.85	15.96 0.59 -6.07	13.91 0.84 0.00	14.01 0.83 0.00	15.10 0.85 0.00	15.81 0.94 0.00	16.39 0.99 0.00	17.57 1.01 0.00	19.44 1.19 0.00	20.66 1.30 0.00	24.03 1.63 0.00	29.06 2.00 0.00	36.93 2.14 -6.95	34.47 2.10 -4.66	34.11 1.97 -6.90	32.05 1.77 -7.61	21.66 1.55 0.00	19.92 1.37 0.00
V_F_30_SYNC_DSASP 323786	16.85 0.54 -0.83	16.28 0.47 -4.45	16.35 0.37 -6.84	15.21 0.39 -5.45	14.86 0.39 -5.23	14.26 0.40 -4.44	15.23 0.38 -5.72	15.62 0.38 -5.94	13.57 0.50 0.00	13.67 0.49 0.00	14.75 0.50 0.00	15.39 0.52 0.00	15.94 0.54 0.00	17.14 0.58 0.00	18.89 0.64 0.00	20.06 0.70 0.00	23.16 0.76 0.00	28.03 0.97 0.00	34.25 1.00 -5.41	32.31 0.97 -3.63	31.52 0.91 -5.37	29.41 0.82 -5.93	20.85 0.74 0.00	19.18 0.63 0.00
V_XM_10_SYNC_DSASP 323789	15.15 -0.33 0.00	11.16 -0.20 0.00	8.95 -0.19 0.00	9.16 -0.21 0.00	9.05 -0.19 0.00	9.18 -0.24 0.00	8.94 -0.18 0.00	9.17 -0.13 0.00	12.90 -0.17 0.00	13.06 -0.12 0.00	14.11 -0.14 0.00	14.77 -0.10 0.00	15.25 -0.15 0.00	16.36 -0.20 0.00	18.09 -0.16 0.00	19.15 -0.21 0.00	22.18 -0.22 0.00	26.79 -0.27 0.00	27.73 -0.11 0.00	27.65 -0.06 0.00	24.97 -0.28 0.00	22.35 -0.32 0.00	19.84 -0.26 0.00	18.30 -0.24 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	17.18 1.08 -0.62	15.47 0.77 -3.34	14.88 0.61 -5.12	14.08 0.63 -4.09	13.77 0.61 -3.92	13.35 0.61 -3.33	14.01 0.60 -4.28	14.40 0.65 -4.45	14.07 0.99 0.00	14.15 0.96 0.00	15.25 1.00 0.00	15.85 0.98 0.00	16.46 1.06 0.00	17.74 1.18 0.00	19.38 1.13 0.00	20.56 1.20 0.00	23.83 1.43 0.00	28.92 1.87 0.00	32.04 1.89 -2.31	31.06 1.80 -1.55	29.30 1.77 -2.29	26.79 1.59 -2.53	21.37 1.27 0.00	19.66 1.11 0.00

W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	17.33 1.21 -0.65	15.69 0.86 -3.46	15.13 0.68 -5.31	14.30 0.69 -4.24	13.99 0.67 -4.07	13.55 0.68 -3.45	14.24 0.67 -4.44	14.65 0.73 -4.62	14.20 1.12 0.00	14.25 1.07 0.00	15.37 1.13 0.00	15.97 1.10 0.00	16.59 1.19 0.00	17.89 1.33 0.00	19.53 1.28 0.00	20.72 1.36 0.00	23.92 1.52 0.00	29.11 2.06 0.00	32.27 2.03 -2.39	31.28 1.97 -1.61	29.51 1.89 -2.38	27.02 1.72 -2.62	21.45 1.35 0.00	19.77 1.22 0.00
W50THST__13_KV_LOAD 356117	17.37 1.25 -0.65	15.71 0.89 -3.46	15.16 0.70 -5.31	14.33 0.72 -4.24	14.01 0.69 -4.07	13.57 0.71 -3.45	14.26 0.69 -4.44	14.68 0.76 -4.62	14.25 1.18 0.00	14.29 1.11 0.00	15.42 1.17 0.00	16.02 1.15 0.00	16.65 1.25 0.00	17.94 1.37 0.00	19.58 1.33 0.00	20.78 1.41 0.00	24.01 1.61 0.00	29.20 2.14 0.00	32.38 2.14 -2.39	31.36 2.05 -1.61	29.61 1.99 -2.38	27.08 1.79 -2.62	21.51 1.41 0.00	19.83 1.28 0.00
WADING RIVER_IC_1 23522	17.57 1.44 -0.65	15.85 1.02 -3.46	15.34 0.88 -5.32	14.51 0.90 -4.24	14.09 0.78 -4.07	13.47 0.60 -3.45	14.36 0.78 -4.45	14.76 0.85 -4.62	13.91 0.84 0.00	13.97 0.79 0.00	15.20 0.95 0.00	15.96 1.09 -0.01	16.64 1.23 -0.01	17.93 1.36 -0.01	19.57 1.31 -0.01	20.84 1.47 -0.01	24.19 1.77 -0.02	29.20 2.14 -0.01	32.44 2.20 -2.40	31.43 2.10 -1.62	29.78 2.14 -2.39	27.18 1.88 -2.63	21.74 1.63 -0.01	19.93 1.37 -0.01
WADING RIVER_IC_2 23547	17.57 1.44 -0.65	15.85 1.02 -3.46	15.34 0.88 -5.32	14.51 0.90 -4.24	14.09 0.78 -4.07	13.47 0.60 -3.45	14.36 0.78 -4.45	14.76 0.85 -4.62	13.91 0.84 0.00	13.97 0.79 0.00	15.20 0.95 0.00	15.96 1.09 -0.01	16.64 1.23 -0.01	17.93 1.36 -0.01	19.57 1.31 -0.01	20.84 1.47 -0.01	24.19 1.77 -0.02	29.20 2.14 -0.01	32.44 2.20 -2.40	31.43 2.10 -1.62	29.78 2.14 -2.39	27.18 1.88 -2.63	21.74 1.63 -0.01	19.93 1.37 -0.01
WADING RIVER_IC_3 23601	17.57 1.44 -0.65	15.85 1.02 -3.46	15.34 0.88 -5.32	14.51 0.90 -4.24	14.09 0.78 -4.07	13.47 0.60 -3.45	14.36 0.78 -4.45	14.76 0.85 -4.62	13.91 0.84 0.00	13.97 0.79 0.00	15.20 0.95 0.00	15.96 1.09 -0.01	16.64 1.23 -0.01	17.93 1.36 -0.01	19.57 1.31 -0.01	20.84 1.47 -0.01	24.19 1.77 -0.02	29.20 2.14 -0.01	32.44 2.20 -2.40	31.43 2.10 -1.62	29.78 2.14 -2.39	27.18 1.88 -2.63	21.74 1.63 -0.01	19.93 1.37 -0.01
WALDENNY_12_KV_BK2 80841	15.51 -0.08 -0.11	12.07 0.10 -0.60	10.19 0.13 -0.92	10.27 0.17 -0.74	10.13 0.18 -0.71	10.24 0.23 -0.60	10.08 0.18 -0.77	10.14 0.04 -0.80	13.14 0.07 0.00	13.22 0.04 0.00	14.42 0.17 0.00	15.15 0.28 0.00	15.60 0.20 0.00	16.71 0.15 0.00	18.36 0.11 0.00	19.34 -0.02 0.00	22.22 -0.18 0.00	26.30 -0.76 0.00	27.58 -0.67 -0.41	27.15 -0.83 -0.28	25.40 -0.25 -0.41	22.80 -0.32 -0.45	20.33 0.22 0.00	19.06 0.52 0.00
WALDEN__HYDRO 24148	17.14 1.04 -0.62	15.43 0.72 -3.35	14.85 0.57 -5.14	14.06 0.59 -4.10	13.74 0.56 -3.93	13.34 0.58 -3.34	13.99 0.57 -4.30	14.35 0.60 -4.46	13.99 0.91 0.00	14.05 0.87 0.00	15.13 0.88 0.00	15.73 0.86 0.00	16.36 0.96 0.00	17.57 1.01 0.00	19.25 1.00 0.00	20.43 1.06 0.00	23.68 1.28 0.00	28.79 1.73 0.00	32.02 1.84 -2.34	31.05 1.77 -1.57	29.31 1.74 -2.32	26.80 1.56 -2.57	21.31 1.21 0.00	19.58 1.04 0.00
WARRENSBURG____ 23737	17.52 1.19 -0.85	16.79 0.85 -4.57	16.85 0.69 -7.01	15.65 0.68 -5.60	15.31 0.69 -5.37	14.70 0.73 -4.56	15.69 0.69 -5.87	16.08 0.69 -6.09	14.06 0.98 0.00	14.19 1.00 0.00	15.20 0.95 0.00	15.96 1.09 0.00	16.52 1.12 0.00	17.61 1.04 0.00	19.55 1.30 0.00	20.80 1.43 0.00	24.33 1.93 0.00	29.44 2.38 0.00	37.64 2.76 -7.04	35.12 2.69 -4.73	34.76 2.52 -6.99	32.61 2.22 -7.72	22.02 1.91 0.00	20.22 1.67 0.00
WATERSIDE____6 8 9 23538	17.36 1.24 -0.65	15.70 0.88 -3.46	15.14 0.69 -5.31	14.32 0.71 -4.24	14.00 0.68 -4.07	13.56 0.69 -3.45	14.23 0.66 -4.44	14.65 0.73 -4.62	14.21 1.14 0.00	14.26 1.08 0.00	15.33 1.08 0.00	15.93 1.06 0.00	16.56 1.16 0.00	17.85 1.29 0.00	19.47 1.22 0.00	20.66 1.30 0.00	23.83 1.43 0.00	29.06 2.00 0.00	32.21 1.98 -2.39	31.22 1.91 -1.61	29.46 1.84 -2.38	26.95 1.65 -2.62	21.41 1.31 0.00	19.81 1.26 0.00
WATKINRD_115KV_LN8_ILLION 55919	15.65 0.17 0.00	11.47 0.10 0.00	9.23 0.08 0.00	9.45 0.08 0.00	9.33 0.08 0.00	9.50 0.08 0.00	9.21 0.08 0.00	9.38 0.08 0.00	13.19 0.12 0.00	13.32 0.13 0.00	14.40 0.16 0.00	14.98 0.10 0.00	15.51 0.11 0.00	16.70 0.13 0.00	18.36 0.11 0.00	19.48 0.12 0.00	22.54 0.13 0.00	27.22 0.16 0.00	28.01 0.17 0.00	27.87 0.17 0.00	25.40 0.15 0.00	22.80 0.14 0.00	20.31 0.20 0.00	18.73 0.19 0.00
WATSON____69_KV_BK 1 55734	17.81 1.69 -0.65	16.00 1.17 -3.46	15.43 0.97 -5.32	14.59 0.98 -4.24	14.20 0.89 -4.07	13.68 0.81 -3.45	14.45 0.88 -4.45	14.85 0.94 -4.62	14.23 1.15 0.00	14.30 1.12 0.00	15.56 1.31 0.00	16.34 1.47 0.00	17.02 1.62 0.00	18.33 1.77 0.00	20.04 1.79 0.00	21.32 1.96 0.00	24.76 2.33 -0.03	29.87 2.81 0.00	33.10 2.87 -2.39	32.11 2.80 -1.61	30.40 2.78 -2.38	27.76 2.47 -2.63	22.20 2.09 0.00	20.38 1.84 0.00
WDELAWARE__HYD 323627	16.66 0.60 -0.58	14.82 0.35 -3.10	14.19 0.28 -4.76	13.47 0.30 -3.80	13.16 0.27 -3.64	12.79 0.28 -3.09	13.39 0.28 -3.98	13.76 0.33 -4.14	13.61 0.54 0.00	13.68 0.50 0.00	14.70 0.46 0.00	15.38 0.51 0.00	15.99 0.59 0.00	16.79 0.23 0.00	18.36 0.11 0.00	19.50 0.14 0.00	22.60 0.20 0.00	27.52 0.46 0.00	30.66 0.56 -2.26	29.72 0.50 -1.52	28.02 0.53 -2.24	26.14 1.00 -2.48	20.69 0.58 0.00	18.99 0.44 0.00
WEST BABYLON__IC 23714	17.78 1.66 -0.65	15.98 1.15 -3.46	15.40 0.94 -5.32	14.56 0.96 -4.24	14.18 0.87 -4.07	13.67 0.80 -3.45	14.43 0.86 -4.45	14.83 0.92 -4.62	14.24 1.16 0.00	14.32 1.13 0.00	15.56 1.31 0.00	16.33 1.46 0.00	17.00 1.60 0.00	18.32 1.76 0.00	20.00 1.75 0.00	21.26 1.90 0.00	24.69 2.26 -0.03	29.82 2.76 0.00	33.05 2.81 -2.39	32.06 2.74 -1.61	30.32 2.70 -2.38	27.72 2.43 -2.63	22.16 2.05 0.00	20.34 1.80 0.00
WEST CANADA__HYD 24049	15.57 0.09 0.00	11.42 0.06 0.00	9.19 0.05 0.00	9.41 0.05 0.00	9.29 0.05 0.00	9.46 0.05 0.00	9.17 0.05 0.00	9.34 0.05 0.00	13.14 0.07 0.00	13.25 0.07 0.00	14.32 0.07 0.00	14.93 0.06 0.00	15.48 0.08 0.00	16.65 0.08 0.00	18.32 0.07 0.00	19.44 0.08 0.00	22.49 0.09 0.00	27.17 0.11 0.00	27.98 0.14 0.00	27.82 0.11 0.00	25.37 0.13 0.00	22.78 0.11 0.00	20.21 0.10 0.00	18.64 0.09 0.00
WESTERN_NY_WIND 24143	15.55 -0.03 -0.10	12.04 0.13 -0.55	10.14 0.16 -0.84	10.22 0.18 -0.67	10.08 0.19 -0.64	10.20 0.24 -0.55	10.00 0.17 -0.70	10.06 0.03 -0.73	13.01 -0.07 0.00	13.05 -0.13 0.00	14.22 -0.03 0.00	14.96 0.09 0.00	15.40 0.00 0.00	16.50 -0.07 0.00	18.14 -0.11 0.00	19.13 -0.23 0.00	22.00 -0.40 0.00	26.11 -0.95 0.00	27.37 -0.83 -0.37	26.98 -0.97 -0.25	25.31 -0.30 -0.37	22.73 -0.34 -0.40	20.23 0.12 0.00	19.03 0.48 0.00

WESTOVER___LESR 323668	16.01 0.32 -0.21	12.75 0.25 -1.13	11.09 0.21 -1.74	10.98 0.22 -1.39	10.80 0.22 -1.33	10.79 0.24 -1.13	10.80 0.22 -1.45	11.00 0.20 -1.51	13.38 0.30 0.00	13.50 0.32 0.00	14.62 0.37 0.00	15.26 0.39 0.00	15.79 0.39 0.00	16.98 0.41 0.00	18.65 0.40 0.00	19.77 0.41 0.00	22.87 0.47 0.00	27.49 0.43 0.00	29.19 0.50 -0.85	28.72 0.44 -0.57	26.64 0.56 -0.84	24.07 0.48 -0.93	20.63 0.52 0.00	19.12 0.57 0.00
WETHRSFD_WT_PWR 323626	15.63 0.03 -0.13	12.17 0.14 -0.67	10.33 0.16 -1.03	10.37 0.18 -0.82	10.23 0.19 -0.79	10.32 0.24 -0.67	10.19 0.20 -0.86	10.28 0.08 -0.90	13.19 0.12 0.00	13.29 0.10 0.00	14.46 0.21 0.00	15.18 0.31 0.00	15.63 0.23 0.00	16.76 0.20 0.00	18.41 0.16 0.00	19.46 0.10 0.00	22.38 -0.02 0.00	26.62 -0.43 0.00	27.91 -0.39 -0.46	27.49 -0.53 -0.31	25.65 -0.05 -0.46	23.06 -0.11 -0.51	20.39 0.28 0.00	19.10 0.56 0.00
WHAVSTOR_138KV_BK127 55557	17.14 1.04 -0.62	15.44 0.74 -3.34	14.86 0.59 -5.13	14.06 0.60 -4.09	13.75 0.58 -3.92	13.33 0.58 -3.33	13.99 0.57 -4.29	14.37 0.62 -4.45	14.03 0.95 0.00	14.09 0.91 0.00	15.20 0.95 0.00	15.79 0.92 0.00	16.42 1.02 0.00	17.69 1.13 0.00	19.33 1.08 0.00	20.51 1.14 0.00	23.74 1.34 0.00	28.82 1.76 0.00	31.93 1.78 -2.31	30.95 1.69 -1.55	29.20 1.67 -2.29	26.70 1.50 -2.53	21.29 1.19 0.00	19.58 1.04 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	17.14 1.04 -0.62	15.44 0.74 -3.34	14.86 0.59 -5.13	14.06 0.60 -4.09	13.75 0.58 -3.92	13.33 0.58 -3.33	13.99 0.57 -4.29	14.37 0.62 -4.45	14.03 0.95 0.00	14.09 0.91 0.00	15.20 0.95 0.00	15.79 0.92 0.00	16.42 1.02 0.00	17.69 1.13 0.00	19.33 1.08 0.00	20.51 1.14 0.00	23.74 1.34 0.00	28.82 1.76 0.00	31.93 1.78 -2.31	30.95 1.69 -1.55	29.20 1.67 -2.29	26.70 1.50 -2.53	21.29 1.19 0.00	19.58 1.04 0.00
WHITEHAL_115KV_TB1 80871	17.84 1.52 -0.85	17.01 1.08 -4.56	17.02 0.87 -7.01	15.81 0.85 -5.59	15.48 0.87 -5.36	14.88 0.91 -4.55	15.85 0.87 -5.86	16.25 0.86 -6.08	14.30 1.23 0.00	14.44 1.25 0.00	15.49 1.24 0.00	16.33 1.46 0.00	16.91 1.51 0.00	18.05 1.49 0.00	20.09 1.84 0.00	21.40 2.03 0.00	25.04 2.64 0.00	30.28 3.22 0.00	38.49 3.65 -7.00	35.98 3.57 -4.70	35.53 3.33 -6.95	33.29 2.95 -7.68	22.56 2.45 0.00	20.72 2.17 0.00
WHITEPLN_13_KV_LOAD 356215	17.31 1.19 -0.64	15.66 0.84 -3.46	15.11 0.67 -5.30	14.28 0.68 -4.23	13.97 0.67 -4.06	13.53 0.67 -3.45	14.21 0.65 -4.44	14.60 0.70 -4.61	14.16 1.09 0.00	14.23 1.04 0.00	15.34 1.10 0.00	15.93 1.06 0.00	16.54 1.14 0.00	17.84 1.28 0.00	19.51 1.26 0.00	20.70 1.34 0.00	23.95 1.55 0.00	29.09 2.03 0.00	32.29 2.06 -2.39	31.30 1.99 -1.60	29.53 1.92 -2.37	27.01 1.72 -2.62	21.49 1.39 0.00	19.77 1.22 0.00
WM_FLOYD_69_KV_BK2 356380	17.65 1.53 -0.65	15.90 1.07 -3.46	15.36 0.91 -5.32	14.53 0.92 -4.24	14.13 0.81 -4.07	13.56 0.69 -3.45	14.38 0.81 -4.45	14.79 0.87 -4.62	14.03 0.95 0.00	14.09 0.91 0.00	15.34 1.10 0.00	16.11 1.23 0.00	16.79 1.39 0.00	18.09 1.52 0.00	19.73 1.48 0.00	21.01 1.65 0.00	24.42 1.99 -0.02	29.44 2.38 0.00	32.68 2.45 -2.39	31.67 2.35 -1.61	30.00 2.37 -2.38	27.38 2.09 -2.63	21.92 1.81 0.00	20.10 1.56 0.00
WOODARD__115KV_TB2 355635	15.54 0.00 -0.06	11.68 -0.01 -0.33	9.64 -0.01 -0.50	9.76 -0.01 -0.40	9.62 -0.01 -0.39	9.74 0.00 -0.33	9.54 -0.01 -0.42	9.71 -0.03 -0.44	13.04 -0.04 0.00	13.16 -0.03 0.00	14.26 0.01 0.00	14.89 0.01 0.00	15.40 0.00 0.00	16.56 0.00 0.00	18.25 0.00 0.00	19.36 0.00 0.00	22.38 -0.02 0.00	26.95 -0.11 0.00	27.95 -0.08 -0.20	27.73 -0.11 -0.13	25.41 -0.03 -0.20	22.84 -0.05 -0.22	20.11 0.00 0.00	18.60 0.06 0.00
YORK___WARBASSE 23770	17.39 1.27 -0.65	15.71 0.89 -3.46	15.16 0.70 -5.31	14.32 0.71 -4.24	14.00 0.68 -4.07	13.54 0.67 -3.45	14.22 0.65 -4.44	14.62 0.71 -4.62	14.19 1.11 0.00	14.24 1.05 0.00	15.32 1.07 0.00	15.91 1.04 0.00	16.56 1.16 0.00	17.85 1.29 0.00	19.45 1.20 0.00	20.64 1.28 0.00	23.83 1.43 0.00	29.11 2.06 0.00	32.27 2.03 -2.39	31.25 1.94 -1.61	29.49 1.87 -2.38	27.02 1.72 -2.62	21.43 1.33 0.00	19.84 1.30 0.00