

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

09/16/2023

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	20.69	18.53	18.14	18.28	17.94	18.66	19.79	20.10	20.56	21.09	20.68	20.43	20.88	20.90	20.61	21.57	25.13	30.34	29.74	28.45	25.48	22.97	21.57	20.64
24138	1.15	1.02	0.94	0.76	0.76	0.96	1.10	1.07	0.90	0.92	0.83	0.85	0.93	0.98	1.06	1.15	1.63	1.76	1.72	1.75	1.50	1.44	1.26	1.18
	0.00	0.00	-0.07	-2.54	-2.19	0.00	-0.37	-2.28	-4.39	-4.85	-4.71	-4.42	-4.18	-3.28	-2.74	-2.43	-2.04	-5.48	-4.76	-2.37	-0.57	0.00	0.00	-0.80
74TH STREET_GT_1	20.71	18.55	18.16	18.30	17.96	18.66	19.79	20.10	20.56	21.09	20.70	20.45	20.90	20.92	20.63	21.57	25.16	30.37	29.79	28.48	25.52	22.99	21.59	20.66
24260	1.17	1.03	0.96	0.78	0.78	0.96	1.10	1.07	0.90	0.92	0.85	0.86	0.95	1.00	1.08	1.15	1.65	1.78	1.77	1.78	1.54	1.46	1.28	1.19
	0.00	0.00	-0.07	-2.54	-2.19	0.00	-0.37	-2.28	-4.39	-4.85	-4.71	-4.42	-4.18	-3.28	-2.74	-2.43	-2.04	-5.48	-4.77	-2.37	-0.57	0.00	0.00	-0.80
74TH STREET_GT_2	20.71	18.55	18.16	18.30	17.96	18.66	19.79	20.10	20.56	21.09	20.70	20.45	20.90	20.92	20.63	21.57	25.16	30.37	29.79	28.48	25.52	22.99	21.59	20.66
24261	1.17	1.03	0.96	0.78	0.78	0.96	1.10	1.07	0.90	0.92	0.85	0.86	0.95	1.00	1.08	1.15	1.65	1.78	1.77	1.78	1.54	1.46	1.28	1.19
	0.00	0.00	-0.07	-2.54	-2.19	0.00	-0.37	-2.28	-4.39	-4.85	-4.71	-4.42	-4.18	-3.28	-2.74	-2.43	-2.04	-5.48	-4.77	-2.37	-0.57	0.00	0.00	-0.80
ADK HUDSON___FALLS	20.73	18.60	18.34	19.25	18.80	18.89	20.04	20.99	21.96	22.77	22.29	21.91	22.20	21.86	21.32	22.14	25.48	31.61	30.91	29.05	26.05	22.99	21.73	21.00
24011	1.19	1.09	1.11	0.96	0.96	1.19	1.25	1.27	0.98	1.13	1.01	0.99	0.98	0.95	0.94	0.99	1.35	1.36	1.44	1.63	1.90	1.46	1.42	1.29
	0.00	0.00	-0.10	-3.30	-2.86	0.00	-0.48	-2.97	-5.72	-6.32	-6.14	-5.76	-5.45	-4.27	-3.57	-3.16	-2.66	-7.14	-6.21	-3.09	-0.75	0.00	0.00	-1.04
ADK RESOURCE___RCVRY	20.83	18.69	18.42	19.31	18.86	18.98	20.14	21.11	22.04	22.90	22.42	22.01	22.30	21.94	21.41	22.23	25.60	31.71	31.05	29.20	26.23	23.10	21.83	21.11
23798	1.29	1.17	1.20	1.02	1.02	1.28	1.34	1.39	1.05	1.26	1.14	1.09	1.07	1.03	1.03	1.08	1.48	1.46	1.58	1.78	2.08	1.57	1.52	1.40
	0.00	0.00	-0.10	-3.31	-2.86	0.00	-0.48	-2.97	-5.72	-6.32	-6.14	-5.77	-5.45	-4.28	-3.57	-3.16	-2.66	-7.14	-6.21	-3.09	-0.75	0.00	0.00	-1.04
ADK S GLENS___FALLS	20.73	18.60	18.34	19.25	18.80	18.89	20.04	20.99	21.96	22.77	22.29	21.91	22.20	21.86	21.32	22.14	25.48	31.61	30.91	29.05	26.05	22.99	21.73	21.00
24028	1.19	1.09	1.11	0.96	0.96	1.19	1.25	1.27	0.98	1.13	1.01	0.99	0.98	0.95	0.94	0.99	1.35	1.36	1.44	1.63	1.90	1.46	1.42	1.29
	0.00	0.00	-0.10	-3.30	-2.86	0.00	-0.48	-2.97	-5.72	-6.32	-6.14	-5.76	-5.45	-4.27	-3.57	-3.16	-2.66	-7.14	-6.21	-3.09	-0.75	0.00	0.00	-1.04
ADK_NYS___DAM	20.50	18.39	18.08	18.91	18.47	18.59	19.72	20.40	21.45	22.07	21.75	21.41	21.73	21.48	20.92	21.77	24.97	31.15	30.35	28.41	25.23	22.50	21.16	20.62
23527	0.96	0.88	0.86	0.70	0.70	0.88	0.93	0.75	0.61	0.60	0.64	0.64	0.65	0.68	0.64	0.70	0.92	1.09	1.05	1.07	1.10	0.97	0.85	0.93
	0.00	0.00	-0.09	-3.22	-2.78	0.00	-0.47	-2.89	-5.57	-6.15	-5.98	-5.61	-5.31	-4.16	-3.48	-3.08	-2.59	-6.95	-6.04	-3.01	-0.73	0.00	0.00	-1.01
AIR_PRODUCTS___DRP	19.81	17.85	17.55	18.50	18.06	18.04	19.12	19.97	21.07	21.67	21.36	21.02	21.34	21.07	20.56	21.33	24.40	30.48	29.73	27.78	24.56	21.83	20.63	20.01
24190	0.27	0.33	0.33	0.27	0.27	0.34	0.33	0.30	0.18	0.14	0.18	0.20	0.21	0.23	0.24	0.23	0.32	0.35	0.37	0.41	0.42	0.30	0.32	0.32
	0.00	0.00	-0.09	-3.25	-2.81	0.00	-0.47	-2.92	-5.63	-6.22	-6.04	-5.67	-5.36	-4.20	-3.51	-3.11	-2.62	-7.03	-6.11	-3.04	-0.73	0.00	0.00	-1.02
AKWESSNE_115KV_BK	19.28	17.27	16.89	14.80	14.77	17.44	18.08	16.55	15.10	15.20	15.02	15.02	15.61	16.44	16.61	17.76	21.14	22.69	22.81	23.85	22.94	21.12	19.96	18.35
355683	-0.25	-0.25	-0.24	-0.18	-0.21	-0.27	-0.24	-0.20	-0.17	-0.12	-0.12	-0.14	-0.16	-0.20	-0.20	-0.23	-0.32	-0.42	-0.44	-0.49	-0.47	-0.41	-0.35	-0.32
	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	19.81	17.85	17.55	18.50	18.06	18.04	19.12	19.97	21.07	21.67	21.36	21.02	21.34	21.07	20.56	21.33	24.40	30.48	29.73	27.78	24.56	21.83	20.63	20.01
23571	0.27	0.33	0.33	0.27	0.27	0.34	0.33	0.30	0.18	0.14	0.18	0.20	0.21	0.23	0.24	0.23	0.32	0.35	0.37	0.41	0.42	0.30	0.32	0.32
	0.00	0.00	-0.09	-3.25	-2.81	0.00	-0.47	-2.92	-5.63	-6.22	-6.04	-5.67	-5.36	-4.20	-3.51	-3.11	-2.62	-7.03	-6.11	-3.04	-0.73	0.00	0.00	-1.02
ALBANY___2	19.81	17.85	17.55	18.50	18.06	18.04	19.12	19.97	21.07	21.67	21.36	21.02	21.34	21.07	20.56	21.33	24.40	30.48	29.73	27.78	24.56	21.83	20.63	20.01
23572	0.27	0.33	0.33	0.27	0.27	0.34	0.33	0.30	0.18	0.14	0.18	0.20	0.21	0.23	0.24	0.23	0.32	0.35	0.37	0.41	0.42	0.30	0.32	0.32
	0.00	0.00	-0.09	-3.25	-2.81	0.00	-0.47	-2.92	-5.63	-6.22	-6.04	-5.67	-5.36	-4.20	-3.51	-3.11	-2.62	-7.03	-6.11	-3.04	-0.73	0.00	0.00	-1.02
ALBANY___3	19.81	17.85	17.55	18.50	18.06	18.04	19.12	19.97	21.07	21.67	21.36	21.02	21.34	21.07	20.56	21.33	24.40	30.48	29.73	27.78	24.56	21.83	20.63	20.01
23573	0.27	0.33	0.33	0.27	0.27	0.34	0.33	0.30	0.18	0.14	0.18	0.20	0.21	0.23	0.24	0.23	0.32	0.35	0.37	0.41	0.42	0.30	0.32	0.32
	0.00	0.00	-0.09	-3.25	-2.81	0.00	-0.47	-2.92	-5.63	-6.22	-6.04	-5.67	-5.36	-4.20	-3.51	-3.11	-2.62	-7.03	-6.11	-3.04	-0.73	0.00	0.00	-1.02

ALBANY___4 23574	19.81 0.27 0.00	17.85 0.33 0.00	17.55 0.33 -0.09	18.50 0.27 -3.25	18.06 0.27 -2.81	18.04 0.34 0.00	19.12 0.33 -0.47	19.97 0.30 -2.92	21.07 0.18 -5.63	21.67 0.14 -6.22	21.36 0.18 -6.04	21.02 0.20 -5.67	21.34 0.21 -5.36	21.07 0.23 -4.20	20.56 0.24 -3.51	21.33 0.23 -3.11	24.40 0.32 -2.62	30.48 0.35 -7.03	29.73 0.37 -6.11	27.78 0.41 -3.04	24.56 0.42 -0.73	21.83 0.30 0.00	20.63 0.32 0.00	20.01 0.32 -1.02
ALBANY___LFGE 323615	19.97 0.43 0.00	17.99 0.47 0.00	17.69 0.46 -0.09	18.64 0.39 -3.26	18.19 0.39 -2.82	18.18 0.48 0.00	19.29 0.49 -0.48	20.15 0.47 -2.93	21.22 0.31 -5.65	21.85 0.29 -6.24	21.53 0.33 -6.06	21.20 0.35 -5.69	21.52 0.36 -5.38	21.26 0.40 -4.22	20.72 0.39 -3.53	21.51 0.40 -3.12	24.65 0.56 -2.62	30.73 0.58 -7.05	29.99 0.60 -6.13	28.04 0.66 -3.05	24.82 0.68 -0.74	22.05 0.52 0.00	20.82 0.51 0.00	20.18 0.48 -1.03
ALCOA_PA_115KV_PL-6C 55860	19.32 -0.21 0.00	17.29 -0.23 0.00	16.92 -0.21 0.00	14.83 -0.15 0.00	14.80 -0.18 0.00	17.47 -0.23 0.00	18.11 -0.20 0.00	16.58 -0.17 0.00	15.14 -0.12 0.00	15.26 -0.06 0.00	15.06 -0.08 0.00	15.07 -0.09 0.00	15.66 -0.11 0.00	16.49 -0.15 0.00	16.66 -0.15 0.00	17.79 -0.20 0.00	21.21 -0.26 0.00	22.76 -0.35 0.00	22.88 -0.37 0.00	23.92 -0.41 0.00	22.98 -0.42 0.00	21.19 -0.34 0.00	20.02 -0.28 0.00	18.39 -0.28 0.00
ALCOA_RYNLDS___DRP 24188	19.32 -0.21 0.00	17.29 -0.23 0.00	16.92 -0.21 0.00	14.83 -0.15 0.00	14.80 -0.18 0.00	17.47 -0.23 0.00	18.11 -0.20 0.00	16.58 -0.17 0.00	15.14 -0.12 0.00	15.26 -0.06 0.00	15.06 -0.08 0.00	15.07 -0.09 0.00	15.66 -0.11 0.00	16.49 -0.15 0.00	16.66 -0.15 0.00	17.79 -0.20 0.00	21.21 -0.26 0.00	22.76 -0.35 0.00	22.88 -0.37 0.00	23.92 -0.41 0.00	22.98 -0.42 0.00	21.19 -0.34 0.00	20.02 -0.28 0.00	18.39 -0.28 0.00
ALCOA___DSASP 323711	19.32 -0.21 0.00	17.29 -0.23 0.00	16.92 -0.20 0.00	14.83 -0.15 0.00	14.81 -0.18 0.00	17.47 -0.23 0.00	18.12 -0.20 0.00	16.58 -0.17 0.00	15.14 -0.12 0.00	15.26 -0.06 0.00	15.06 -0.08 0.00	15.07 -0.09 0.00	15.66 -0.11 0.00	16.49 -0.15 0.00	16.66 -0.15 0.00	17.79 -0.20 0.00	21.21 -0.26 0.00	22.76 -0.35 0.00	22.88 -0.37 0.00	23.92 -0.41 0.00	22.98 -0.42 0.00	21.19 -0.35 0.00	20.01 -0.30 0.00	18.39 -0.28 0.00
ALLEGHENY___COGEN 23514	20.38 0.84 0.00	18.22 0.70 0.00	17.80 0.67 -0.01	15.76 0.57 -0.21	15.78 0.61 -0.18	18.46 0.76 0.00	19.03 0.68 -0.03	17.49 0.55 -0.19	16.06 0.40 -0.40	15.96 0.20 -0.44	15.73 0.17 -0.43	15.71 0.15 -0.40	16.35 0.20 -0.38	17.17 0.23 -0.30	17.34 0.29 -0.25	18.59 0.38 -0.22	22.21 0.58 -0.17	24.63 1.06 -0.46	24.82 1.16 -0.40	25.84 1.31 -0.20	24.83 1.38 -0.05	22.69 1.16 0.00	21.34 1.04 0.00	19.49 0.75 -0.07
ALTAMONT_115KV_TB 2 55880	20.11 0.57 0.00	18.06 0.54 0.00	17.77 0.55 -0.09	18.71 0.46 -3.26	18.27 0.46 -2.82	18.27 0.57 0.00	19.36 0.57 -0.48	20.20 0.52 -2.93	21.30 0.38 -5.65	21.93 0.37 -6.24	21.58 0.38 -6.07	21.23 0.38 -5.69	21.55 0.39 -5.38	21.29 0.43 -4.22	20.77 0.44 -3.53	21.58 0.47 -3.12	24.76 0.67 -2.63	30.90 0.74 -7.06	30.13 0.74 -6.13	28.16 0.78 -3.05	24.91 0.77 -0.74	22.18 0.65 0.00	20.90 0.59 0.00	20.28 0.58 -1.03
ALTONA_WT_PWR 323606	19.91 0.37 0.00	17.78 0.26 0.00	17.37 0.24 0.00	15.24 0.25 0.00	15.18 0.19 0.00	17.92 0.21 0.00	18.55 0.24 0.00	17.02 0.27 0.00	15.57 0.31 0.00	15.72 0.40 0.00	15.50 0.36 0.00	15.48 0.32 0.00	16.01 0.24 0.00	16.74 0.10 0.00	16.79 -0.02 0.00	17.90 -0.09 0.00	21.32 -0.15 0.00	22.88 -0.23 0.00	22.93 -0.33 0.00	23.85 -0.49 0.00	22.87 -0.54 0.00	21.08 -0.45 0.00	19.92 -0.39 0.00	18.32 -0.36 0.00
AMERICAN_REF_FUEL 24010	19.19 -0.35 0.00	17.29 -0.23 0.00	16.84 -0.29 -0.01	14.90 -0.27 -0.19	14.89 -0.25 -0.16	17.54 -0.16 0.00	17.80 -0.55 -0.03	16.18 -0.74 -0.17	14.99 -0.64 -0.36	14.99 -0.74 -0.40	14.91 -0.62 -0.39	14.95 -0.58 -0.36	15.58 -0.54 -0.35	16.41 -0.50 -0.27	16.55 -0.49 -0.23	17.67 -0.52 -0.20	20.82 -0.79 -0.15	22.85 -0.67 -0.41	22.85 -0.77 -0.36	23.63 -0.87 -0.18	22.86 -0.58 -0.04	20.93 -0.60 0.00	19.82 -0.49 0.00	18.23 -0.50 -0.06
ARKWRIGHT___SUMMIT_WT_PWR 323751	19.99 0.45 0.00	17.97 0.45 0.00	17.63 0.50 -0.01	15.50 0.30 -0.22	15.49 0.32 -0.19	18.25 0.55 0.00	18.70 0.35 -0.03	17.00 0.05 -0.20	15.75 0.08 -0.41	15.77 0.00 -0.45	15.68 0.11 -0.44	15.69 0.12 -0.41	16.32 0.16 -0.39	17.19 0.25 -0.30	17.33 0.27 -0.25	18.54 0.32 -0.23	21.90 0.26 -0.17	24.08 0.51 -0.47	24.08 0.42 -0.41	24.92 0.39 -0.20	24.04 0.59 -0.05	22.11 0.58 0.00	20.86 0.55 0.00	18.96 0.22 -0.07
ARTHUR_KILL_GT_1 23520	20.43 0.90 0.01	18.30 0.79 0.01	17.88 0.69 -0.07	18.04 0.52 -2.53	17.71 0.54 -2.18	18.37 0.67 0.01	19.48 0.81 -0.36	19.86 0.84 -2.27	20.33 0.69 -4.38	20.88 0.72 -4.84	20.50 0.65 -4.71	20.24 0.67 -4.42	20.69 0.74 -4.18	20.69 0.78 -3.27	20.42 0.87 -2.73	21.38 0.97 -2.42	24.96 1.46 -2.03	30.15 1.57 -5.47	29.57 1.56 -4.75	28.30 1.61 -2.36	25.25 1.29 -0.57	22.77 1.25 0.01	21.32 1.02 0.01	20.41 0.95 -0.79
ARTHUR_KILL_2 23512	20.37 0.84 0.01	18.26 0.75 0.01	17.84 0.65 -0.07	18.01 0.49 -2.53	17.68 0.51 -2.18	18.33 0.64 0.01	19.45 0.77 -0.36	19.83 0.80 -2.27	20.30 0.66 -4.38	20.85 0.69 -4.84	20.47 0.62 -4.71	20.21 0.64 -4.42	20.66 0.71 -4.18	20.66 0.75 -3.27	20.38 0.84 -2.73	21.33 0.92 -2.42	24.89 1.39 -2.03	30.10 1.52 -5.47	29.52 1.51 -4.75	28.23 1.53 -2.36	25.21 1.24 -0.57	22.71 1.18 0.01	21.28 0.97 0.01	20.37 0.91 -0.79
ARTHUR_KILL_3 23513	20.53 1.00 0.00	18.39 0.88 0.00	18.01 0.81 -0.07	18.16 0.64 -2.54	17.82 0.64 -2.19	18.52 0.81 0.00	19.64 0.95 -0.37	19.97 0.94 -2.28	20.42 0.76 -4.39	20.95 0.78 -4.85	20.56 0.71 -4.71	20.29 0.71 -4.42	20.74 0.79 -4.18	20.73 0.82 -3.28	20.46 0.91 -2.74	21.39 0.97 -2.43	24.92 1.42 -2.04	30.09 1.50 -5.48	29.51 1.49 -4.76	28.21 1.51 -2.37	25.26 1.29 -0.57	22.76 1.23 0.00	21.34 1.04 0.00	20.49 1.03 -0.80
ARTHUR_KILL_COGEN 323718	20.43 0.90 0.01	18.30 0.79 0.01	17.88 0.69 -0.07	18.04 0.52 -2.53	17.71 0.54 -2.18	18.37 0.67 0.01	19.48 0.81 -0.36	19.86 0.84 -2.27	20.33 0.69 -4.38	20.88 0.72 -4.84	20.50 0.65 -4.71	20.24 0.67 -4.42	20.69 0.74 -4.18	20.69 0.78 -3.27	20.42 0.87 -2.73	21.38 0.97 -2.42	24.96 1.46 -2.03	30.15 1.57 -5.47	29.57 1.56 -4.75	28.30 1.61 -2.36	25.25 1.29 -0.57	22.77 1.25 0.01	21.32 1.02 0.01	20.41 0.95 -0.79
ASHOKAN____ 23654	20.26 0.72 0.00	18.18 0.67 0.00	17.83 0.62 -0.08	17.99 0.13 -2.87	17.62 0.15 -2.48	18.23 0.53 0.00	19.27 0.53 -0.42	19.53 0.20 -2.58	20.20 -0.03 -4.97	20.78 -0.03 -5.49	20.41 -0.06 -5.33	20.06 -0.11 -5.01	20.40 -0.11 -4.73	20.25 -0.10 -3.71	19.81 -0.10 -3.10	20.67 -0.07 -2.74	23.94 0.17 -2.31	29.61 0.30 -6.20	29.13 0.49 -5.39	27.57 0.56 -2.68	24.50 0.44 -0.65	22.16 0.62 0.00	20.84 0.53 0.00	19.76 0.19 -0.90

ASTORIA_EAST_ENERGY_CC1 323581	20.51 0.98 0.01	18.41 0.89 0.00	17.99 0.79 -0.07	18.14 0.63 -2.53	17.80 0.63 -2.18	18.47 0.78 0.01	19.61 0.93 -0.36	19.96 0.94 -2.27	20.41 0.76 -4.38	20.96 0.80 -4.84	20.57 0.73 -4.71	20.30 0.73 -4.42	20.77 0.82 -4.18	20.76 0.85 -3.27	20.47 0.92 -2.73	21.42 1.01 -2.42	25.00 1.50 -2.03	30.15 1.57 -5.47	29.57 1.56 -4.75	28.30 1.61 -2.36	25.33 1.36 -0.57	22.79 1.27 0.01	21.36 1.06 0.01	20.49 1.03 -0.79
ASTORIA_EAST_ENERGY_CC2 323582	20.51 0.98 0.01	18.41 0.89 0.00	17.99 0.79 -0.07	18.14 0.63 -2.53	17.80 0.63 -2.18	18.47 0.78 0.01	19.61 0.93 -0.36	19.96 0.94 -2.27	20.41 0.76 -4.38	20.96 0.80 -4.84	20.57 0.73 -4.71	20.30 0.73 -4.42	20.77 0.82 -4.18	20.76 0.85 -3.27	20.47 0.92 -2.73	21.42 1.01 -2.42	25.00 1.50 -2.03	30.15 1.57 -5.47	29.57 1.56 -4.75	28.30 1.61 -2.36	25.33 1.36 -0.57	22.79 1.27 0.01	21.36 1.06 0.01	20.49 1.03 -0.79
ASTORIA_GT2_1 24094	20.52 0.98 0.00	18.43 0.91 0.00	18.01 0.81 -0.07	18.15 0.63 -2.54	17.82 0.64 -2.19	18.50 0.80 0.00	19.62 0.93 -0.37	19.98 0.95 -2.28	20.43 0.78 -4.39	20.97 0.80 -4.85	20.58 0.73 -4.71	20.32 0.74 -4.42	20.79 0.84 -4.18	20.77 0.85 -3.28	20.49 0.94 -2.74	21.43 1.01 -2.43	25.01 1.50 -2.04	30.16 1.57 -5.48	29.58 1.56 -4.77	28.31 1.61 -2.37	25.33 1.36 -0.57	22.80 1.27 0.00	21.39 1.08 0.00	20.51 1.05 -0.80
ASTORIA_GT2_2 24095	20.52 0.98 0.00	18.43 0.91 0.00	18.01 0.81 -0.07	18.15 0.63 -2.54	17.82 0.64 -2.19	18.50 0.80 0.00	19.62 0.93 -0.37	19.98 0.95 -2.28	20.43 0.78 -4.39	20.97 0.80 -4.85	20.58 0.73 -4.71	20.32 0.74 -4.42	20.79 0.84 -4.18	20.77 0.85 -3.28	20.49 0.94 -2.74	21.43 1.01 -2.43	25.01 1.50 -2.04	30.16 1.57 -5.48	29.58 1.56 -4.77	28.31 1.61 -2.37	25.33 1.36 -0.57	22.80 1.27 0.00	21.39 1.08 0.00	20.51 1.05 -0.80
ASTORIA_GT2_3 24096	20.52 0.98 0.00	18.43 0.91 0.00	18.01 0.81 -0.07	18.15 0.63 -2.54	17.82 0.64 -2.19	18.50 0.80 0.00	19.62 0.93 -0.37	19.98 0.95 -2.28	20.43 0.78 -4.39	20.97 0.80 -4.85	20.58 0.73 -4.71	20.32 0.74 -4.42	20.79 0.84 -4.18	20.77 0.85 -3.28	20.49 0.94 -2.74	21.43 1.01 -2.43	25.01 1.50 -2.04	30.16 1.57 -5.48	29.58 1.56 -4.77	28.31 1.61 -2.37	25.33 1.36 -0.57	22.80 1.27 0.00	21.39 1.08 0.00	20.51 1.05 -0.80
ASTORIA_GT2_4 24097	20.52 0.98 0.00	18.43 0.91 0.00	18.01 0.81 -0.07	18.15 0.63 -2.54	17.82 0.64 -2.19	18.50 0.80 0.00	19.62 0.93 -0.37	19.98 0.95 -2.28	20.43 0.78 -4.39	20.97 0.80 -4.85	20.58 0.73 -4.71	20.32 0.74 -4.42	20.79 0.84 -4.18	20.77 0.85 -3.28	20.49 0.94 -2.74	21.43 1.01 -2.43	25.01 1.50 -2.04	30.16 1.57 -5.48	29.58 1.56 -4.77	28.31 1.61 -2.37	25.33 1.36 -0.57	22.80 1.27 0.00	21.39 1.08 0.00	20.51 1.05 -0.80
ASTORIA_GT3_1 24098	20.52 0.98 0.00	18.43 0.91 0.00	18.01 0.81 -0.07	18.15 0.63 -2.54	17.82 0.64 -2.19	18.50 0.80 0.00	19.62 0.93 -0.37	19.98 0.95 -2.28	20.43 0.78 -4.39	20.97 0.80 -4.85	20.58 0.73 -4.71	20.32 0.74 -4.42	20.79 0.84 -4.18	20.77 0.85 -3.28	20.49 0.94 -2.74	21.43 1.01 -2.43	25.01 1.50 -2.04	30.16 1.57 -5.48	29.58 1.56 -4.77	28.31 1.61 -2.37	25.33 1.36 -0.57	22.80 1.27 0.00	21.39 1.08 0.00	20.51 1.05 -0.80
ASTORIA_GT3_2 24099	20.52 0.98 0.00	18.43 0.91 0.00	18.01 0.81 -0.07	18.15 0.63 -2.54	17.82 0.64 -2.19	18.50 0.80 0.00	19.62 0.93 -0.37	19.98 0.95 -2.28	20.43 0.78 -4.39	20.97 0.80 -4.85	20.58 0.73 -4.71	20.32 0.74 -4.42	20.79 0.84 -4.18	20.77 0.85 -3.28	20.49 0.94 -2.74	21.43 1.01 -2.43	25.01 1.50 -2.04	30.16 1.57 -5.48	29.58 1.56 -4.77	28.31 1.61 -2.37	25.33 1.36 -0.57	22.80 1.27 0.00	21.39 1.08 0.00	20.51 1.05 -0.80
ASTORIA_GT3_3 24100	20.52 0.98 0.00	18.43 0.91 0.00	18.01 0.81 -0.07	18.15 0.63 -2.54	17.82 0.64 -2.19	18.50 0.80 0.00	19.62 0.93 -0.37	19.98 0.95 -2.28	20.43 0.78 -4.39	20.97 0.80 -4.85	20.58 0.73 -4.71	20.32 0.74 -4.42	20.79 0.84 -4.18	20.77 0.85 -3.28	20.49 0.94 -2.74	21.43 1.01 -2.43	25.01 1.50 -2.04	30.16 1.57 -5.48	29.58 1.56 -4.77	28.31 1.61 -2.37	25.33 1.36 -0.57	22.80 1.27 0.00	21.39 1.08 0.00	20.51 1.05 -0.80
ASTORIA_GT3_4 24101	20.52 0.98 0.00	18.43 0.91 0.00	18.01 0.81 -0.07	18.15 0.63 -2.54	17.82 0.64 -2.19	18.50 0.80 0.00	19.62 0.93 -0.37	19.98 0.95 -2.28	20.43 0.78 -4.39	20.97 0.80 -4.85	20.58 0.73 -4.71	20.32 0.74 -4.42	20.79 0.84 -4.18	20.77 0.85 -3.28	20.49 0.94 -2.74	21.43 1.01 -2.43	25.01 1.50 -2.04	30.16 1.57 -5.48	29.58 1.56 -4.77	28.31 1.61 -2.37	25.33 1.36 -0.57	22.80 1.27 0.00	21.39 1.08 0.00	20.51 1.05 -0.80
ASTORIA_GT4_1 24102	20.52 0.98 0.00	18.43 0.91 0.00	18.01 0.81 -0.07	18.15 0.63 -2.54	17.82 0.64 -2.19	18.50 0.80 0.00	19.62 0.93 -0.37	19.98 0.95 -2.28	20.43 0.78 -4.39	20.97 0.80 -4.85	20.58 0.73 -4.71	20.32 0.74 -4.42	20.79 0.84 -4.18	20.77 0.85 -3.28	20.49 0.94 -2.74	21.43 1.01 -2.43	25.01 1.50 -2.04	30.16 1.57 -5.48	29.58 1.56 -4.77	28.31 1.61 -2.37	25.33 1.36 -0.57	22.80 1.27 0.00	21.39 1.08 0.00	20.51 1.05 -0.80
ASTORIA_GT4_2 24103	20.52 0.98 0.00	18.43 0.91 0.00	18.01 0.81 -0.07	18.15 0.63 -2.54	17.82 0.64 -2.19	18.50 0.80 0.00	19.62 0.93 -0.37	19.98 0.95 -2.28	20.43 0.78 -4.39	20.97 0.80 -4.85	20.58 0.73 -4.71	20.32 0.74 -4.42	20.79 0.84 -4.18	20.77 0.85 -3.28	20.49 0.94 -2.74	21.43 1.01 -2.43	25.01 1.50 -2.04	30.16 1.57 -5.48	29.58 1.56 -4.77	28.31 1.61 -2.37	25.33 1.36 -0.57	22.80 1.27 0.00	21.39 1.08 0.00	20.51 1.05 -0.80
ASTORIA_GT4_3 24104	20.52 0.98 0.00	18.43 0.91 0.00	18.01 0.81 -0.07	18.15 0.63 -2.54	17.82 0.64 -2.19	18.50 0.80 0.00	19.62 0.93 -0.37	19.98 0.95 -2.28	20.43 0.78 -4.39	20.97 0.80 -4.85	20.58 0.73 -4.71	20.32 0.74 -4.42	20.79 0.84 -4.18	20.77 0.85 -3.28	20.49 0.94 -2.74	21.43 1.01 -2.43	25.01 1.50 -2.04	30.16 1.57 -5.48	29.58 1.56 -4.77	28.31 1.61 -2.37	25.33 1.36 -0.57	22.80 1.27 0.00	21.39 1.08 0.00	20.51 1.05 -0.80
ASTORIA_GT4_4 24105	20.52 0.98 0.00	18.43 0.91 0.00	18.01 0.81 -0.07	18.15 0.63 -2.54	17.82 0.64 -2.19	18.50 0.80 0.00	19.62 0.93 -0.37	19.98 0.95 -2.28	20.43 0.78 -4.39	20.97 0.80 -4.85	20.58 0.73 -4.71	20.32 0.74 -4.42	20.79 0.84 -4.18	20.77 0.85 -3.28	20.49 0.94 -2.74	21.43 1.01 -2.43	25.01 1.50 -2.04	30.16 1.57 -5.48	29.58 1.56 -4.77	28.31 1.61 -2.37	25.33 1.36 -0.57	22.80 1.27 0.00	21.39 1.08 0.00	20.51 1.05 -0.80
ASTORIA_GT_1 23523	20.55 1.02 0.01	18.44 0.93 0.00	18.02 0.82 -0.07	18.16 0.64 -2.53	17.83 0.66 -2.18	18.51 0.81 0.01	19.65 0.97 -0.36	19.99 0.97 -2.27	20.46 0.81 -4.38	20.99 0.83 -4.84	20.60 0.76 -4.71	20.33 0.76 -4.42	20.80 0.85 -4.18	20.79 0.88 -3.27	20.50 0.96 -2.73	21.45 1.04 -2.42	25.04 1.55 -2.02	30.22 1.64 -5.47	29.64 1.63 -4.75	28.35 1.66 -2.36	25.37 1.40 -0.57	22.84 1.31 0.01	21.40 1.10 0.01	20.52 1.06 -0.79

ASTORIA_GT_10 24110	20.59 1.06 0.00	18.46 0.95 0.00	18.06 0.86 -0.07	18.21 0.69 -2.54	17.87 0.69 -2.19	18.57 0.87 0.00	19.68 0.99 -0.37	20.02 0.99 -2.28	20.48 0.82 -4.39	21.02 0.84 -4.85	20.62 0.77 -4.71	20.37 0.79 -4.42	20.82 0.87 -4.18	20.83 0.92 -3.28	20.56 1.01 -2.74	21.50 1.08 -2.43	25.07 1.57 -2.04	30.28 1.69 -5.48	29.70 1.67 -4.77	28.41 1.70 -2.37	25.43 1.45 -0.57	22.91 1.38 0.00	21.49 1.18 0.00	20.57 1.10 -0.80
ASTORIA_GT_11 24225	20.59 1.06 0.00	18.46 0.95 0.00	18.06 0.86 -0.07	18.21 0.69 -2.54	17.87 0.69 -2.19	18.57 0.87 0.00	19.68 0.99 -0.37	20.02 0.99 -2.28	20.48 0.82 -4.39	21.02 0.84 -4.85	20.62 0.77 -4.71	20.37 0.79 -4.42	20.82 0.87 -4.18	20.83 0.92 -3.28	20.56 1.01 -2.74	21.50 1.08 -2.43	25.07 1.57 -2.04	30.28 1.69 -5.48	29.70 1.67 -4.77	28.41 1.70 -2.37	25.43 1.45 -0.57	22.91 1.38 0.00	21.49 1.18 0.00	20.57 1.10 -0.80
ASTORIA_GT_12 24226	20.59 1.06 0.00	18.46 0.95 0.00	18.06 0.86 -0.07	18.21 0.69 -2.54	17.87 0.69 -2.19	18.57 0.87 0.00	19.68 0.99 -0.37	20.02 0.99 -2.28	20.48 0.82 -4.39	21.02 0.84 -4.85	20.62 0.77 -4.71	20.37 0.79 -4.42	20.82 0.87 -4.18	20.83 0.92 -3.28	20.56 1.01 -2.74	21.50 1.08 -2.43	25.07 1.57 -2.04	30.28 1.69 -5.48	29.70 1.67 -4.77	28.41 1.70 -2.37	25.43 1.45 -0.57	22.91 1.38 0.00	21.49 1.18 0.00	20.57 1.10 -0.80
ASTORIA_GT_13 24227	20.59 1.06 0.00	18.46 0.95 0.00	18.06 0.86 -0.07	18.21 0.69 -2.54	17.87 0.69 -2.19	18.57 0.87 0.00	19.68 0.99 -0.37	20.02 0.99 -2.28	20.48 0.82 -4.39	21.02 0.84 -4.85	20.62 0.77 -4.71	20.37 0.79 -4.42	20.82 0.87 -4.18	20.83 0.92 -3.28	20.56 1.01 -2.74	21.50 1.08 -2.43	25.07 1.57 -2.04	30.28 1.69 -5.48	29.70 1.67 -4.77	28.41 1.70 -2.37	25.43 1.45 -0.57	22.91 1.38 0.00	21.49 1.18 0.00	20.57 1.10 -0.80
ASTORIA_GT_5 24106	20.55 1.02 0.01	18.44 0.93 0.00	18.02 0.82 -0.07	18.16 0.64 -2.53	17.83 0.66 -2.18	18.51 0.81 0.01	19.65 0.97 -0.36	19.99 0.97 -2.27	20.46 0.81 -4.38	20.99 0.83 -4.84	20.60 0.76 -4.71	20.33 0.76 -4.42	20.80 0.85 -4.18	20.79 0.88 -3.27	20.50 0.96 -2.73	21.45 1.04 -2.42	25.04 1.55 -2.03	30.22 1.64 -5.47	29.64 1.63 -4.75	28.35 1.66 -2.36	25.37 1.40 -0.57	22.84 1.31 0.01	21.40 1.10 0.01	20.52 1.06 -0.79
ASTORIA_GT_7 24107	20.55 1.02 0.01	18.44 0.93 0.00	18.02 0.82 -0.07	18.16 0.64 -2.53	17.83 0.66 -2.18	18.51 0.81 0.01	19.65 0.97 -0.36	19.99 0.97 -2.27	20.46 0.81 -4.38	20.99 0.83 -4.84	20.60 0.76 -4.71	20.33 0.76 -4.42	20.80 0.85 -4.18	20.79 0.88 -3.27	20.50 0.96 -2.73	21.45 1.04 -2.42	25.04 1.55 -2.03	30.22 1.64 -5.47	29.64 1.63 -4.75	28.35 1.66 -2.36	25.37 1.40 -0.57	22.84 1.31 0.01	21.40 1.10 0.01	20.52 1.06 -0.79
ASTORIA_GT_8 24108	20.55 1.02 0.00	18.45 0.93 0.00	18.02 0.82 -0.07	18.16 0.64 -2.54	17.84 0.66 -2.19	18.52 0.81 0.00	19.64 0.95 -0.37	20.00 0.97 -2.28	20.45 0.79 -4.39	21.00 0.83 -4.85	20.61 0.76 -4.71	20.34 0.76 -4.42	20.81 0.85 -4.18	20.80 0.88 -3.28	20.51 0.96 -2.74	21.46 1.04 -2.43	25.05 1.55 -2.04	30.21 1.62 -5.48	29.63 1.60 -4.77	28.36 1.65 -2.37	25.38 1.40 -0.57	22.84 1.31 0.00	21.43 1.12 0.00	20.55 1.08 -0.80
ASTORIA___2 24149	20.51 0.98 0.01	18.43 0.91 0.00	18.01 0.81 -0.07	18.14 0.63 -2.53	17.81 0.64 -2.18	18.49 0.80 0.01	19.61 0.93 -0.36	19.98 0.95 -2.27	20.43 0.78 -4.38	20.96 0.80 -4.84	20.57 0.73 -4.71	20.32 0.74 -4.42	20.78 0.84 -4.18	20.76 0.85 -3.27	20.48 0.94 -2.73	21.42 1.01 -2.42	25.00 1.50 -2.03	30.17 1.59 -5.47	29.59 1.58 -4.75	28.30 1.61 -2.36	25.33 1.36 -0.57	22.79 1.27 0.01	21.36 1.06 0.01	20.50 1.04 -0.79
ASTORIA___3 23516	20.59 1.05 0.00	18.46 0.95 0.00	18.06 0.86 -0.07	18.21 0.69 -2.54	17.87 0.69 -2.19	18.57 0.87 0.00	19.68 0.99 -0.37	20.02 0.99 -2.28	20.48 0.82 -4.39	21.01 0.84 -4.85	20.62 0.77 -4.71	20.37 0.79 -4.42	20.82 0.87 -4.18	20.83 0.91 -3.28	20.56 1.01 -2.74	21.50 1.08 -2.43	25.07 1.57 -2.04	30.27 1.69 -5.48	29.69 1.68 -4.76	28.40 1.70 -2.37	25.43 1.45 -0.57	22.91 1.38 0.00	21.49 1.18 0.00	20.57 1.10 -0.80
ASTORIA___4 23517	20.59 1.06 0.00	18.46 0.95 0.00	18.06 0.86 -0.07	18.21 0.69 -2.54	17.87 0.69 -2.19	18.57 0.87 0.00	19.68 0.99 -0.37	20.02 0.99 -2.28	20.48 0.82 -4.39	21.02 0.84 -4.85	20.62 0.77 -4.71	20.37 0.79 -4.42	20.82 0.87 -4.18	20.83 0.92 -3.28	20.56 1.01 -2.74	21.50 1.08 -2.43	25.07 1.57 -2.04	30.28 1.69 -5.48	29.70 1.67 -4.77	28.41 1.70 -2.37	25.43 1.45 -0.57	22.91 1.38 0.00	21.49 1.18 0.00	20.57 1.10 -0.80
ASTORIA___5 23518	20.59 1.05 0.00	18.46 0.95 0.00	18.06 0.86 -0.07	18.21 0.69 -2.54	17.87 0.69 -2.19	18.57 0.87 0.00	19.68 0.99 -0.37	20.02 0.99 -2.28	20.48 0.82 -4.39	21.01 0.84 -4.85	20.62 0.77 -4.71	20.37 0.79 -4.42	20.82 0.87 -4.18	20.83 0.91 -3.28	20.56 1.01 -2.74	21.50 1.08 -2.43	25.07 1.57 -2.04	30.27 1.69 -5.48	29.69 1.68 -4.76	28.40 1.70 -2.37	25.43 1.45 -0.57	22.91 1.38 0.00	21.49 1.18 0.00	20.57 1.10 -0.80
AST_ENERGY_2_CC3 323677	20.57 1.03 0.00	18.43 0.91 0.00	18.04 0.84 -0.07	18.19 0.67 -2.54	17.85 0.67 -2.19	18.54 0.83 0.00	19.66 0.97 -0.37	19.98 0.95 -2.28	20.45 0.79 -4.39	20.97 0.80 -4.85	20.58 0.73 -4.71	20.32 0.74 -4.42	20.77 0.82 -4.18	20.77 0.85 -3.28	20.49 0.94 -2.74	21.43 1.01 -2.43	24.96 1.46 -2.04	30.13 1.55 -5.48	29.55 1.53 -4.76	28.26 1.56 -2.37	25.31 1.33 -0.57	22.82 1.29 0.00	21.41 1.10 0.00	20.53 1.06 -0.80
AST_ENERGY_2_CC4 323678	20.57 1.03 0.00	18.43 0.91 0.00	18.04 0.84 -0.07	18.19 0.67 -2.54	17.85 0.67 -2.19	18.54 0.83 0.00	19.66 0.97 -0.37	19.98 0.95 -2.28	20.45 0.79 -4.39	20.97 0.80 -4.85	20.58 0.73 -4.71	20.32 0.74 -4.42	20.77 0.82 -4.18	20.77 0.85 -3.28	20.49 0.94 -2.74	21.43 1.01 -2.43	24.96 1.46 -2.04	30.13 1.55 -5.48	29.55 1.53 -4.76	28.26 1.56 -2.37	25.31 1.33 -0.57	22.82 1.29 0.00	21.41 1.10 0.00	20.53 1.06 -0.80
ATHENS_STG_1 23668	20.24 0.70 0.00	18.17 0.65 0.00	17.87 0.65 -0.09	18.55 0.55 -3.01	18.14 0.55 -2.60	18.36 0.66 0.00	19.43 0.68 -0.44	20.07 0.62 -2.70	20.96 0.49 -5.21	21.56 0.49 -5.75	21.20 0.47 -5.59	20.87 0.47 -5.25	21.24 0.50 -4.96	21.06 0.53 -3.89	20.61 0.55 -3.25	21.46 0.59 -2.88	24.74 0.86 -2.42	30.55 0.95 -6.50	29.86 0.95 -5.65	28.12 0.97 -2.81	24.99 0.91 -0.68	22.35 0.82 0.00	21.02 0.71 0.00	20.33 0.71 -0.95
ATHENS_STG_2 23670	20.24 0.70 0.00	18.17 0.65 0.00	17.87 0.65 -0.09	18.55 0.55 -3.01	18.14 0.55 -2.60	18.36 0.66 0.00	19.43 0.68 -0.44	20.07 0.62 -2.70	20.96 0.49 -5.21	21.56 0.49 -5.75	21.20 0.47 -5.59	20.87 0.47 -5.25	21.24 0.50 -4.96	21.06 0.53 -3.89	20.61 0.55 -3.25	21.46 0.59 -2.88	24.74 0.86 -2.42	30.55 0.95 -6.50	29.86 0.95 -5.65	28.12 0.97 -2.81	24.99 0.91 -0.68	22.35 0.82 0.00	21.02 0.71 0.00	20.33 0.71 -0.95

ATHENS_STG_3 23677	20.24 0.70 0.00	18.17 0.65 0.00	17.87 0.65 -0.09	18.55 0.55 -3.01	18.14 0.55 -2.60	18.36 0.66 0.00	19.43 0.68 -0.44	20.07 0.62 -2.70	20.96 0.49 -5.21	21.56 0.49 -5.75	21.20 0.47 -5.59	20.87 0.47 -5.25	21.24 0.50 -4.96	21.06 0.53 -3.89	20.61 0.55 -3.25	21.46 0.59 -2.88	24.74 0.86 -2.42	30.55 0.95 -6.50	29.86 0.95 -5.65	28.12 0.97 -2.81	24.99 0.91 -0.68	22.35 0.82 0.00	21.02 0.71 0.00	20.33 0.71 -0.95
AUBURN____LFGE 323710	19.68 0.14 0.00	17.64 0.12 0.00	17.25 0.12 0.00	15.23 0.09 -0.16	15.23 0.10 -0.14	17.86 0.16 0.00	18.49 0.15 -0.02	17.04 0.15 -0.14	15.56 -0.02 -0.31	15.60 -0.06 -0.34	15.41 -0.06 -0.33	15.44 -0.03 -0.31	16.03 -0.03 -0.29	16.85 -0.02 -0.23	16.98 -0.02 -0.19	18.16 0.00 -0.17	21.84 0.24 -0.14	23.86 0.37 -0.38	23.98 0.40 -0.33	24.98 0.49 -0.17	23.91 0.47 -0.04	21.92 0.39 0.00	20.61 0.30 0.00	18.91 0.19 -0.06
BABYLON_RES_REC 323704	20.96 1.43 0.00	18.72 1.21 0.00	18.26 1.06 -0.07	18.36 0.84 -2.54	18.03 0.85 -2.19	18.76 1.06 0.00	19.88 1.19 -0.37	20.18 1.15 -2.28	20.68 1.02 -4.39	21.26 1.09 -4.85	20.97 1.12 -4.72	20.72 1.12 -4.44	21.15 1.20 -4.19	21.45 1.26 -3.55	23.65 1.35 -5.50	24.47 1.46 -5.02	25.71 2.02 -2.22	32.66 2.22 -7.34	33.19 2.21 -7.72	31.36 2.26 -4.77	26.18 2.06 -0.72	24.84 1.90 -1.41	23.63 1.77 -1.56	20.96 1.49 -0.80
BABYLON__69_KV_BK2 356345	21.20 1.66 0.00	18.94 1.42 0.00	18.45 1.25 -0.07	18.52 1.00 -2.54	18.18 1.00 -2.19	18.96 1.26 0.00	20.06 1.37 -0.37	20.39 1.36 -2.28	20.83 1.18 -4.39	21.45 1.27 -4.85	21.16 1.30 -4.72	20.90 1.30 -4.44	21.34 1.39 -4.19	21.67 1.48 -3.55	23.87 1.56 -5.50	24.72 1.71 -5.02	26.34 2.34 -2.53	32.98 2.52 -7.35	33.53 2.53 -7.74	36.14 2.63 -9.18	26.77 2.41 -0.95	25.12 2.17 -1.41	23.92 2.05 -1.56	21.21 1.74 -0.80
BALL_HILL_WT_PWR 323825	19.70 0.16 0.00	17.69 0.18 0.00	17.36 0.22 -0.01	15.27 0.07 -0.21	15.24 0.07 -0.18	17.95 0.25 0.00	18.24 -0.11 -0.03	16.70 -0.23 -0.19	15.48 -0.18 -0.40	15.47 -0.29 -0.44	15.38 -0.18 -0.43	15.41 -0.15 -0.40	16.04 -0.11 -0.38	16.88 -0.05 -0.30	17.02 -0.03 -0.25	18.21 0.00 -0.22	21.52 -0.13 -0.18	23.67 0.07 -0.50	23.66 -0.02 -0.43	24.50 -0.05 -0.21	23.62 0.16 -0.05	21.72 0.19 0.00	20.45 0.14 0.00	18.69 -0.06 -0.07
BARON_WINDS____WT_PWR 323822	19.68 0.14 0.00	17.67 0.16 0.00	17.31 0.17 -0.01	15.30 0.05 -0.27	15.28 0.06 -0.23	17.90 0.20 0.00	18.43 0.07 -0.04	16.88 0.07 -0.24	15.64 -0.12 -0.50	15.67 -0.20 -0.55	15.52 -0.15 -0.53	15.54 -0.12 -0.50	16.12 -0.13 -0.47	16.93 -0.08 -0.37	17.05 -0.07 -0.31	18.21 -0.05 -0.27	21.62 -0.06 -0.22	23.85 0.16 -0.58	23.88 0.12 -0.51	24.73 0.15 -0.25	23.75 0.28 -0.06	21.85 0.32 0.00	20.59 0.28 0.00	18.79 0.04 -0.08
BARRETT_IC_1 23704	20.81 1.27 -0.01	18.61 1.09 -0.01	18.17 0.96 -0.08	18.28 0.75 -2.54	17.95 0.76 -2.20	18.66 0.96 -0.01	19.77 1.08 -0.38	20.09 1.06 -2.29	20.58 0.92 -4.40	21.16 0.98 -4.86	20.86 1.00 -4.72	20.61 1.00 -4.45	21.05 1.09 -4.19	21.32 1.13 -3.56	23.51 1.19 -5.50	24.30 1.28 -5.03	25.29 1.76 -2.07	32.34 1.90 -7.34	32.86 1.88 -7.72	28.65 1.92 -2.40	25.76 1.76 -0.60	24.58 1.64 -1.42	23.40 1.52 -1.56	20.80 1.33 -0.80
BARRETT_IC_10 23701	20.81 1.27 -0.01	18.61 1.09 -0.01	18.17 0.96 -0.08	18.28 0.75 -2.54	17.95 0.76 -2.20	18.66 0.96 -0.01	19.77 1.08 -0.38	20.09 1.06 -2.29	20.58 0.92 -4.40	21.16 0.98 -4.86	20.86 1.00 -4.72	20.61 1.00 -4.45	21.05 1.09 -4.19	21.32 1.13 -3.56	23.51 1.19 -5.50	24.30 1.28 -5.03	25.29 1.76 -2.07	32.34 1.90 -7.34	32.86 1.88 -7.72	28.65 1.92 -2.40	25.76 1.76 -0.60	24.58 1.64 -1.42	23.40 1.52 -1.56	20.80 1.33 -0.80
BARRETT_IC_11 23702	20.81 1.27 -0.01	18.61 1.09 -0.01	18.17 0.96 -0.08	18.28 0.75 -2.54	17.95 0.76 -2.20	18.66 0.96 -0.01	19.77 1.08 -0.38	20.09 1.06 -2.29	20.58 0.92 -4.40	21.16 0.98 -4.86	20.86 1.00 -4.72	20.61 1.00 -4.45	21.05 1.09 -4.19	21.32 1.13 -3.56	23.51 1.19 -5.50	24.30 1.28 -5.03	25.29 1.76 -2.07	32.34 1.90 -7.34	32.86 1.88 -7.72	28.65 1.92 -2.40	25.76 1.76 -0.60	24.58 1.64 -1.42	23.40 1.52 -1.56	20.80 1.33 -0.80
BARRETT_IC_12 23703	20.81 1.27 -0.01	18.61 1.09 -0.01	18.17 0.96 -0.08	18.28 0.75 -2.54	17.95 0.76 -2.20	18.66 0.96 -0.01	19.77 1.08 -0.38	20.09 1.06 -2.29	20.58 0.92 -4.40	21.16 0.98 -4.86	20.86 1.00 -4.72	20.61 1.00 -4.45	21.05 1.09 -4.19	21.32 1.13 -3.56	23.51 1.19 -5.50	24.30 1.28 -5.03	25.29 1.76 -2.07	32.34 1.90 -7.34	32.86 1.88 -7.72	28.65 1.92 -2.40	25.76 1.76 -0.60	24.58 1.64 -1.42	23.40 1.52 -1.56	20.80 1.33 -0.80
BARRETT_IC_2 23705	20.81 1.27 -0.01	18.61 1.09 -0.01	18.17 0.96 -0.08	18.28 0.75 -2.54	17.95 0.76 -2.20	18.66 0.96 -0.01	19.77 1.08 -0.38	20.09 1.06 -2.29	20.58 0.92 -4.40	21.16 0.98 -4.86	20.86 1.00 -4.72	20.61 1.00 -4.45	21.05 1.09 -4.19	21.32 1.13 -3.56	23.51 1.19 -5.50	24.30 1.28 -5.03	25.29 1.76 -2.07	32.34 1.90 -7.34	32.86 1.88 -7.72	28.65 1.92 -2.40	25.76 1.76 -0.60	24.58 1.64 -1.42	23.40 1.52 -1.56	20.80 1.33 -0.80
BARRETT_IC_3 23706	20.81 1.27 -0.01	18.61 1.09 -0.01	18.17 0.96 -0.08	18.28 0.75 -2.54	17.95 0.76 -2.20	18.66 0.96 -0.01	19.77 1.08 -0.38	20.09 1.06 -2.29	20.58 0.92 -4.40	21.16 0.98 -4.86	20.86 1.00 -4.72	20.61 1.00 -4.45	21.05 1.09 -4.19	21.32 1.13 -3.56	23.51 1.19 -5.50	24.30 1.28 -5.03	25.29 1.76 -2.07	32.34 1.90 -7.34	32.86 1.88 -7.72	28.65 1.92 -2.40	25.76 1.76 -0.60	24.58 1.64 -1.42	23.40 1.52 -1.56	20.80 1.33 -0.80
BARRETT_IC_4 23707	20.81 1.27 -0.01	18.61 1.09 -0.01	18.17 0.96 -0.08	18.28 0.75 -2.54	17.95 0.76 -2.20	18.66 0.96 -0.01	19.77 1.08 -0.38	20.09 1.06 -2.29	20.58 0.92 -4.40	21.16 0.98 -4.86	20.86 1.00 -4.72	20.61 1.00 -4.45	21.05 1.09 -4.19	21.32 1.13 -3.56	23.51 1.19 -5.50	24.30 1.28 -5.03	25.29 1.76 -2.07	32.34 1.90 -7.34	32.86 1.88 -7.72	28.65 1.92 -2.40	25.76 1.76 -0.60	24.58 1.64 -1.42	23.40 1.52 -1.56	20.80 1.33 -0.80
BARRETT_IC_5 23708	20.81 1.27 -0.01	18.61 1.09 -0.01	18.17 0.96 -0.08	18.28 0.75 -2.54	17.95 0.76 -2.20	18.66 0.96 -0.01	19.77 1.08 -0.38	20.09 1.06 -2.29	20.58 0.92 -4.40	21.16 0.98 -4.86	20.86 1.00 -4.72	20.61 1.00 -4.45	21.05 1.09 -4.19	21.32 1.13 -3.56	23.51 1.19 -5.50	24.30 1.28 -5.03	25.29 1.76 -2.07	32.34 1.90 -7.34	32.86 1.88 -7.72	28.65 1.92 -2.40	25.76 1.76 -0.60	24.58 1.64 -1.42	23.40 1.52 -1.56	20.80 1.33 -0.80
BARRETT_IC_6 23709	20.81 1.27 -0.01	18.61 1.09 -0.01	18.17 0.96 -0.08	18.28 0.75 -2.54	17.95 0.76 -2.20	18.66 0.96 -0.01	19.77 1.08 -0.38	20.09 1.06 -2.29	20.58 0.92 -4.40	21.16 0.98 -4.86	20.86 1.00 -4.72	20.61 1.00 -4.45	21.05 1.09 -4.19	21.32 1.13 -3.56	23.51 1.19 -5.50	24.30 1.28 -5.03	25.29 1.76 -2.07	32.34 1.90 -7.34	32.86 1.88 -7.72	28.65 1.92 -2.40	25.76 1.76 -0.60	24.58 1.64 -1.42	23.40 1.52 -1.56	20.80 1.33 -0.80

BARRETT_IC_7 23710	20.81 1.27 0.00	18.60 1.09 0.00	18.16 0.96 -0.07	18.27 0.75 -2.54	17.94 0.76 -2.19	18.66 0.96 0.00	19.75 1.06 -0.37	20.09 1.06 -2.28	20.56 0.90 -4.39	21.15 0.98 -4.85	20.85 1.00 -4.72	20.60 1.00 -4.44	21.04 1.09 -4.19	21.32 1.13 -3.55	23.50 1.19 -5.50	24.29 1.28 -5.02	25.29 1.76 -2.06	32.34 1.89 -7.34	32.86 1.88 -7.72	28.65 1.92 -2.39	25.75 1.76 -0.59	24.58 1.64 -1.41	23.41 1.54 -1.56	20.81 1.34 -0.80
BARRETT_IC_8 23711	20.81 1.27 -0.01	18.61 1.09 -0.01	18.17 0.96 -0.08	18.28 0.75 -2.54	17.95 0.76 -2.20	18.66 0.96 -0.01	19.77 1.08 -0.38	20.09 1.06 -2.29	20.58 0.92 -4.40	21.16 0.98 -4.86	20.86 1.00 -4.72	20.61 1.00 -4.45	21.05 1.09 -4.19	21.32 1.13 -3.56	23.51 1.19 -5.50	24.30 1.28 -5.03	25.29 1.76 -2.07	32.34 1.90 -7.34	32.86 1.88 -7.72	28.65 1.92 -2.40	25.76 1.76 -0.60	24.58 1.64 -1.42	23.40 1.52 -1.56	20.80 1.33 -0.80
BARRETT_IC_9 23700	20.81 1.27 -0.01	18.61 1.09 -0.01	18.17 0.96 -0.08	18.28 0.75 -2.54	17.95 0.76 -2.20	18.66 0.96 -0.01	19.77 1.08 -0.38	20.09 1.06 -2.29	20.58 0.92 -4.40	21.16 0.98 -4.86	20.86 1.00 -4.72	20.61 1.00 -4.45	21.05 1.09 -4.19	21.32 1.13 -3.56	23.51 1.19 -5.50	24.30 1.28 -5.03	25.29 1.76 -2.07	32.34 1.90 -7.34	32.86 1.88 -7.72	28.65 1.92 -2.40	25.76 1.76 -0.60	24.58 1.64 -1.42	23.40 1.52 -1.56	20.80 1.33 -0.80
BARRETT___1 23545	20.81 1.27 -0.01	18.61 1.09 -0.01	18.17 0.96 -0.08	18.28 0.75 -2.54	17.95 0.76 -2.20	18.66 0.96 -0.01	19.77 1.08 -0.38	20.09 1.06 -2.29	20.58 0.92 -4.40	21.16 0.98 -4.86	20.86 1.00 -4.72	20.61 1.00 -4.45	21.05 1.09 -4.19	21.32 1.13 -3.56	23.51 1.19 -5.50	24.30 1.28 -5.03	25.29 1.76 -2.07	32.34 1.90 -7.34	32.86 1.88 -7.72	28.65 1.92 -2.40	25.76 1.76 -0.60	24.58 1.64 -1.42	23.40 1.52 -1.56	20.80 1.33 -0.80
BARRETT___2 23546	20.81 1.27 -0.01	18.61 1.09 -0.01	18.17 0.96 -0.08	18.28 0.75 -2.54	17.95 0.76 -2.20	18.66 0.96 -0.01	19.77 1.08 -0.38	20.09 1.06 -2.29	20.58 0.92 -4.40	21.16 0.98 -4.86	20.86 1.00 -4.72	20.61 1.00 -4.45	21.05 1.09 -4.19	21.32 1.13 -3.56	23.51 1.19 -5.50	24.30 1.28 -5.03	25.29 1.76 -2.07	32.34 1.90 -7.34	32.86 1.88 -7.72	28.65 1.92 -2.40	25.76 1.76 -0.60	24.58 1.64 -1.42	23.40 1.52 -1.56	20.80 1.33 -0.80
BATAVIA__115KV_TB1 55881	19.79 0.25 0.00	17.76 0.25 0.00	17.34 0.21 -0.01	15.34 0.18 -0.18	15.35 0.21 -0.15	18.02 0.32 0.00	18.38 0.04 -0.03	16.81 -0.10 -0.16	15.50 -0.11 -0.34	15.50 -0.20 -0.37	15.38 -0.12 -0.36	15.41 -0.09 -0.34	16.05 -0.05 -0.32	16.91 0.02 -0.25	17.05 0.03 -0.21	18.23 0.05 -0.19	21.60 -0.02 -0.16	23.76 0.23 -0.42	23.81 0.19 -0.37	24.71 0.19 -0.18	23.82 0.37 -0.04	21.77 0.24 0.00	20.49 0.18 0.00	18.86 0.13 -0.06
BAYONEEC___CTG1 323682	20.59 1.05 0.00	18.44 0.93 0.00	18.06 0.86 -0.07	18.21 0.69 -2.54	17.87 0.69 -2.19	18.57 0.87 0.00	19.68 0.99 -0.37	20.00 0.97 -2.28	20.46 0.81 -4.39	21.00 0.83 -4.85	20.61 0.76 -4.71	20.34 0.76 -4.42	20.79 0.84 -4.18	20.78 0.86 -3.28	20.51 0.96 -2.74	21.44 1.03 -2.43	24.98 1.48 -2.04	30.18 1.59 -5.48	29.60 1.58 -4.76	28.31 1.61 -2.37	25.33 1.36 -0.57	22.84 1.31 0.00	21.43 1.12 0.00	20.55 1.08 -0.80
BAYONEEC___CTG10 323750	20.59 1.05 0.00	18.44 0.93 0.00	18.06 0.86 -0.07	18.21 0.69 -2.54	17.87 0.69 -2.19	18.57 0.87 0.00	19.68 0.99 -0.37	20.00 0.97 -2.28	20.46 0.81 -4.39	21.00 0.83 -4.85	20.61 0.76 -4.71	20.34 0.76 -4.42	20.79 0.84 -4.18	20.78 0.86 -3.28	20.51 0.96 -2.74	21.44 1.03 -2.43	24.98 1.48 -2.04	30.18 1.59 -5.48	29.60 1.58 -4.76	28.31 1.61 -2.37	25.33 1.36 -0.57	22.84 1.31 0.00	21.43 1.12 0.00	20.55 1.08 -0.80
BAYONEEC___CTG2 323683	20.59 1.05 0.00	18.44 0.93 0.00	18.06 0.86 -0.07	18.21 0.69 -2.54	17.87 0.69 -2.19	18.57 0.87 0.00	19.68 0.99 -0.37	20.00 0.97 -2.28	20.46 0.81 -4.39	21.00 0.83 -4.85	20.61 0.76 -4.71	20.34 0.76 -4.42	20.79 0.84 -4.18	20.78 0.86 -3.28	20.51 0.96 -2.74	21.44 1.03 -2.43	24.98 1.48 -2.04	30.18 1.59 -5.48	29.60 1.58 -4.76	28.31 1.61 -2.37	25.33 1.36 -0.57	22.84 1.31 0.00	21.43 1.12 0.00	20.55 1.08 -0.80
BAYONEEC___CTG3 323684	20.59 1.05 0.00	18.44 0.93 0.00	18.06 0.86 -0.07	18.21 0.69 -2.54	17.87 0.69 -2.19	18.57 0.87 0.00	19.68 0.99 -0.37	20.00 0.97 -2.28	20.46 0.81 -4.39	21.00 0.83 -4.85	20.61 0.76 -4.71	20.34 0.76 -4.42	20.79 0.84 -4.18	20.78 0.86 -3.28	20.51 0.96 -2.74	21.44 1.03 -2.43	24.98 1.48 -2.04	30.18 1.59 -5.48	29.60 1.58 -4.76	28.31 1.61 -2.37	25.33 1.36 -0.57	22.84 1.31 0.00	21.43 1.12 0.00	20.55 1.08 -0.80
BAYONEEC___CTG4 323685	20.59 1.05 0.00	18.44 0.93 0.00	18.06 0.86 -0.07	18.21 0.69 -2.54	17.87 0.69 -2.19	18.57 0.87 0.00	19.68 0.99 -0.37	20.00 0.97 -2.28	20.46 0.81 -4.39	21.00 0.83 -4.85	20.61 0.76 -4.71	20.34 0.76 -4.42	20.79 0.84 -4.18	20.78 0.86 -3.28	20.51 0.96 -2.74	21.44 1.03 -2.43	24.98 1.48 -2.04	30.18 1.59 -5.48	29.60 1.58 -4.76	28.31 1.61 -2.37	25.33 1.36 -0.57	22.84 1.31 0.00	21.43 1.12 0.00	20.55 1.08 -0.80
BAYONEEC___CTG5 323686	20.59 1.05 0.00	18.44 0.93 0.00	18.06 0.86 -0.07	18.21 0.69 -2.54	17.87 0.69 -2.19	18.57 0.87 0.00	19.68 0.99 -0.37	20.00 0.97 -2.28	20.46 0.81 -4.39	21.00 0.83 -4.85	20.61 0.76 -4.71	20.34 0.76 -4.42	20.79 0.84 -4.18	20.78 0.86 -3.28	20.51 0.96 -2.74	21.44 1.03 -2.43	24.98 1.48 -2.04	30.18 1.59 -5.48	29.60 1.58 -4.76	28.31 1.61 -2.37	25.33 1.36 -0.57	22.84 1.31 0.00	21.43 1.12 0.00	20.55 1.08 -0.80
BAYONEEC___CTG6 323687	20.59 1.05 0.00	18.44 0.93 0.00	18.06 0.86 -0.07	18.21 0.69 -2.54	17.87 0.69 -2.19	18.57 0.87 0.00	19.68 0.99 -0.37	20.00 0.97 -2.28	20.46 0.81 -4.39	21.00 0.83 -4.85	20.61 0.76 -4.71	20.34 0.76 -4.42	20.79 0.84 -4.18	20.78 0.86 -3.28	20.51 0.96 -2.74	21.44 1.03 -2.43	24.98 1.48 -2.04	30.18 1.59 -5.48	29.60 1.58 -4.76	28.31 1.61 -2.37	25.33 1.36 -0.57	22.84 1.31 0.00	21.43 1.12 0.00	20.55 1.08 -0.80
BAYONEEC___CTG7 323688	20.59 1.05 0.00	18.44 0.93 0.00	18.06 0.86 -0.07	18.21 0.69 -2.54	17.87 0.69 -2.19	18.57 0.87 0.00	19.68 0.99 -0.37	20.00 0.97 -2.28	20.46 0.81 -4.39	21.00 0.83 -4.85	20.61 0.76 -4.71	20.34 0.76 -4.42	20.79 0.84 -4.18	20.78 0.86 -3.28	20.51 0.96 -2.74	21.44 1.03 -2.43	24.98 1.48 -2.04	30.18 1.59 -5.48	29.60 1.58 -4.76	28.31 1.61 -2.37	25.33 1.36 -0.57	22.84 1.31 0.00	21.43 1.12 0.00	20.55 1.08 -0.80
BAYONEEC___CTG8 323689	20.59 1.05 0.00	18.44 0.93 0.00	18.06 0.86 -0.07	18.21 0.69 -2.54	17.87 0.69 -2.19	18.57 0.87 0.00	19.68 0.99 -0.37	20.00 0.97 -2.28	20.46 0.81 -4.39	21.00 0.83 -4.85	20.61 0.76 -4.71	20.34 0.76 -4.42	20.79 0.84 -4.18	20.78 0.86 -3.28	20.51 0.96 -2.74	21.44 1.03 -2.43	24.98 1.48 -2.04	30.18 1.59 -5.48	29.60 1.58 -4.76	28.31 1.61 -2.37	25.33 1.36 -0.57	22.84 1.31 0.00	21.43 1.12 0.00	20.55 1.08 -0.80

BAYONEEC___CTG9 323749	20.59 1.05 0.00	18.44 0.93 0.00	18.06 0.86 -0.07	18.21 0.69 -2.54	17.87 0.69 -2.19	18.57 0.87 0.00	19.68 0.99 -0.37	20.00 0.97 -2.28	20.46 0.81 -4.39	21.00 0.83 -4.85	20.61 0.76 -4.71	20.34 0.76 -4.42	20.79 0.84 -4.18	20.78 0.86 -3.28	20.51 0.96 -2.74	21.44 1.03 -2.43	24.98 1.48 -2.04	30.18 1.59 -5.48	29.60 1.58 -4.76	28.31 1.61 -2.37	25.33 1.36 -0.57	22.84 1.31 0.00	21.43 1.12 0.00	20.55 1.08 -0.80
BEACON___LESR 323632	20.11 0.57 0.00	18.09 0.58 0.00	17.79 0.56 -0.09	18.71 0.48 -3.24	18.27 0.48 -2.81	18.29 0.58 0.00	19.41 0.62 -0.47	20.27 0.60 -2.92	21.31 0.43 -5.62	21.94 0.41 -6.21	21.62 0.45 -6.03	21.29 0.47 -5.66	21.60 0.47 -5.35	21.35 0.52 -4.20	20.82 0.50 -3.51	21.62 0.52 -3.10	24.80 0.73 -2.61	30.88 0.76 -7.01	30.14 0.79 -6.09	28.24 0.87 -3.03	25.05 0.91 -0.73	22.24 0.71 0.00	20.98 0.67 0.00	20.33 0.64 -1.02
BEAVER RIVER___HYD 24048	19.44 -0.10 0.00	17.41 -0.10 0.00	16.98 -0.15 0.00	14.91 -0.12 -0.05	14.94 -0.09 -0.04	17.60 -0.11 0.00	18.25 -0.07 -0.01	16.78 -0.02 -0.04	15.27 -0.09 -0.10	15.33 -0.11 -0.11	15.10 -0.15 -0.11	15.08 -0.18 -0.10	15.63 -0.24 -0.10	16.46 -0.25 -0.08	16.60 -0.27 -0.06	17.80 -0.25 -0.06	21.33 -0.17 -0.04	23.12 -0.09 -0.10	23.37 0.02 -0.09	24.50 0.12 -0.04	23.48 0.07 -0.01	21.51 -0.02 0.00	20.27 -0.04 0.00	18.57 -0.11 -0.01
BEEBEE_GT_13 23619	19.60 0.06 0.00	17.55 0.04 0.00	17.18 0.05 0.00	15.24 0.10 -0.15	15.23 0.12 -0.13	17.77 0.07 0.00	18.36 0.02 -0.02	16.80 -0.08 -0.13	15.44 -0.12 -0.30	15.45 -0.20 -0.33	15.32 -0.14 -0.32	15.35 -0.11 -0.30	15.99 -0.06 -0.28	16.84 -0.02 -0.22	16.98 -0.02 -0.18	18.16 0.00 -0.16	21.60 0.00 -0.14	23.66 0.18 -0.37	23.74 0.16 -0.32	24.66 0.17 -0.16	23.72 0.28 -0.04	21.64 0.11 0.00	20.39 0.08 0.00	18.80 0.07 -0.05
BENSHRST_27_KV_BENSHRST_1 355998	20.65 1.11 0.00	18.50 0.98 0.00	18.09 0.89 -0.07	18.22 0.70 -2.54	17.88 0.70 -2.19	18.57 0.87 0.00	19.69 1.01 -0.37	20.05 1.02 -2.28	20.51 0.85 -4.39	21.08 0.90 -4.85	20.69 0.83 -4.71	20.43 0.85 -4.42	20.89 0.93 -4.18	20.90 0.98 -3.28	20.63 1.08 -2.74	21.59 1.17 -2.43	25.20 1.70 -2.04	30.44 1.85 -5.48	29.86 1.84 -4.77	28.58 1.87 -2.37	25.52 1.54 -0.57	23.02 1.49 0.00	21.57 1.26 0.00	20.63 1.16 -0.80
BETHLEHEM___GRP 23843	19.81 0.27 0.00	17.85 0.33 0.00	17.55 0.33 -0.09	18.50 0.27 -3.25	18.06 0.27 -2.81	18.04 0.34 0.00	19.12 0.33 -0.47	19.97 0.30 -2.92	21.07 0.18 -5.63	21.67 0.14 -6.22	21.36 0.18 -6.04	21.02 0.20 -5.67	21.34 0.21 -5.36	21.07 0.23 -4.20	20.56 0.24 -3.51	21.33 0.23 -3.11	24.40 0.32 -2.62	30.48 0.35 -7.03	29.73 0.37 -6.11	27.78 0.41 -3.04	24.56 0.42 -0.73	21.83 0.30 0.00	20.63 0.32 0.00	20.01 0.32 -1.02
BETHLEHEM___GS1 323560	19.81 0.27 0.00	17.85 0.33 0.00	17.55 0.32 -0.09	18.50 0.27 -3.25	18.07 0.27 -2.81	18.04 0.34 0.00	19.14 0.35 -0.47	19.97 0.30 -2.92	21.07 0.18 -5.63	21.67 0.14 -6.22	21.36 0.18 -6.04	21.02 0.20 -5.67	21.34 0.20 -5.36	21.07 0.23 -4.20	20.56 0.24 -3.51	21.33 0.23 -3.11	24.40 0.32 -2.61	30.48 0.35 -7.02	29.73 0.37 -6.10	27.78 0.41 -3.04	24.56 0.42 -0.73	21.83 0.30 0.00	20.63 0.32 0.00	20.01 0.32 -1.02
BETHLEHEM___GS2 323561	19.81 0.27 0.00	17.85 0.33 0.00	17.55 0.32 -0.09	18.50 0.27 -3.25	18.07 0.27 -2.81	18.04 0.34 0.00	19.14 0.35 -0.47	19.97 0.30 -2.92	21.07 0.18 -5.63	21.67 0.14 -6.22	21.36 0.18 -6.04	21.02 0.20 -5.67	21.34 0.20 -5.36	21.07 0.23 -4.20	20.56 0.24 -3.51	21.33 0.23 -3.11	24.40 0.32 -2.61	30.48 0.35 -7.02	29.73 0.37 -6.10	27.78 0.41 -3.04	24.56 0.42 -0.73	21.83 0.30 0.00	20.63 0.32 0.00	20.01 0.32 -1.02
BETHLEHEM___GS3 323562	19.81 0.27 0.00	17.85 0.33 0.00	17.55 0.32 -0.09	18.50 0.27 -3.25	18.07 0.27 -2.81	18.04 0.34 0.00	19.14 0.35 -0.47	19.97 0.30 -2.92	21.07 0.18 -5.63	21.67 0.14 -6.22	21.36 0.18 -6.04	21.02 0.20 -5.67	21.34 0.20 -5.36	21.07 0.23 -4.20	20.56 0.24 -3.51	21.33 0.23 -3.11	24.40 0.32 -2.61	30.48 0.35 -7.02	29.73 0.37 -6.10	27.78 0.41 -3.04	24.56 0.42 -0.73	21.83 0.30 0.00	20.63 0.32 0.00	20.01 0.32 -1.02
BETHLEHEM___STEEL 23779	19.60 0.06 0.00	17.62 0.11 0.00	17.27 0.14 0.00	15.19 0.00 -0.20	15.18 0.01 -0.18	17.88 0.18 0.00	18.14 -0.20 -0.03	16.58 -0.35 -0.18	15.36 -0.29 -0.39	15.37 -0.38 -0.43	15.27 -0.29 -0.41	15.30 -0.24 -0.39	15.93 -0.21 -0.37	16.78 -0.15 -0.29	16.92 -0.13 -0.24	18.10 -0.11 -0.21	21.37 -0.28 -0.18	23.50 -0.09 -0.48	23.49 -0.19 -0.42	24.30 -0.24 -0.21	23.48 0.02 -0.05	21.60 0.06 0.00	20.33 0.02 0.00	18.61 -0.13 -0.07
BETHLHEM_115KV_TB1 79974	19.87 0.33 0.00	17.88 0.37 0.00	17.60 0.38 -0.09	18.55 0.31 -3.25	18.11 0.31 -2.81	18.09 0.39 0.00	19.18 0.38 -0.47	20.02 0.35 -2.92	21.12 0.23 -5.63	21.72 0.18 -6.22	21.41 0.23 -6.04	21.07 0.24 -5.67	21.37 0.24 -5.36	21.13 0.28 -4.21	20.61 0.29 -3.51	21.39 0.29 -3.11	24.49 0.41 -2.62	30.57 0.44 -7.03	29.81 0.44 -6.11	27.86 0.49 -3.04	24.63 0.49 -0.74	21.92 0.39 0.00	20.69 0.39 0.00	20.07 0.37 -1.02
BETHPAGE_CC_5 323564	20.91 1.37 0.00	18.69 1.17 0.00	18.23 1.03 -0.07	18.33 0.81 -2.54	18.00 0.82 -2.19	18.73 1.03 0.00	19.84 1.15 -0.37	20.15 1.12 -2.28	20.65 0.99 -4.39	21.25 1.07 -4.85	20.96 1.10 -4.72	20.71 1.11 -4.44	21.14 1.18 -4.19	21.43 1.25 -3.55	23.60 1.29 -5.50	24.40 1.39 -5.02	25.51 1.91 -2.13	32.52 2.08 -7.34	33.04 2.07 -7.72	29.87 2.12 -3.42	25.97 1.92 -0.65	24.73 1.79 -1.41	23.55 1.68 -1.56	20.91 1.44 -0.80
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	19.62 0.08 0.00	17.62 0.11 0.00	17.29 0.15 -0.01	15.16 -0.03 -0.21	15.15 -0.01 -0.18	17.88 0.18 0.00	18.13 -0.22 -0.03	16.57 -0.37 -0.19	15.35 -0.31 -0.39	15.35 -0.40 -0.43	15.26 -0.30 -0.42	15.29 -0.26 -0.39	15.91 -0.24 -0.37	16.76 -0.17 -0.29	16.90 -0.15 -0.24	18.08 -0.13 -0.22	21.35 -0.30 -0.18	23.48 -0.12 -0.49	23.47 -0.21 -0.42	24.30 -0.24 -0.21	23.45 0.00 -0.05	21.62 0.09 0.00	20.35 0.04 0.00	18.57 -0.17 -0.07
BINGHAMTON___COGEN 23790	19.70 0.16 0.00	17.66 0.14 0.00	17.28 0.14 -0.01	15.45 0.07 -0.39	15.40 0.07 -0.34	17.86 0.16 0.00	18.45 0.07 -0.06	17.17 0.07 -0.35	15.96 -0.02 -0.71	16.04 -0.06 -0.78	15.84 -0.06 -0.76	15.82 -0.05 -0.71	16.41 -0.03 -0.67	17.15 -0.02 -0.53	17.25 0.00 -0.44	18.40 0.02 -0.39	21.94 0.15 -0.33	24.27 0.28 -0.88	24.30 0.28 -0.77	25.03 0.32 -0.38	23.82 0.33 -0.09	21.85 0.32 0.00	20.57 0.26 0.00	18.91 0.11 -0.13
BIXINCNT_115KV_LOAD 355685	19.75 0.21 0.00	17.74 0.23 0.00	17.39 0.26 -0.01	15.19 -0.01 -0.22	15.16 -0.01 -0.19	18.02 0.32 0.00	18.18 -0.16 -0.03	16.66 -0.28 -0.20	15.45 -0.23 -0.41	15.44 -0.34 -0.46	15.32 -0.26 -0.44	15.33 -0.24 -0.42	15.91 -0.25 -0.39	16.75 -0.20 -0.31	16.86 -0.20 -0.26	18.06 -0.16 -0.23	21.33 -0.32 -0.19	23.48 -0.14 -0.51	23.52 -0.19 -0.45	24.36 -0.19 -0.22	23.46 0.00 -0.05	21.72 0.19 0.00	20.43 0.12 0.00	18.48 -0.26 -0.07

BLACK RIVER___HYD 24047	19.71 0.18 0.00	17.64 0.12 0.00	17.20 0.07 0.00	15.11 0.06 -0.07	15.15 0.11 -0.06	17.84 0.14 0.00	18.51 0.18 -0.01	17.03 0.22 -0.06	15.48 0.08 -0.14	15.50 0.03 -0.15	15.26 -0.03 -0.15	15.24 -0.06 -0.14	15.79 -0.11 -0.13	16.63 -0.12 -0.10	16.76 -0.14 -0.09	17.98 -0.09 -0.08	21.60 0.09 -0.05	23.48 0.23 -0.14	23.80 0.42 -0.12	24.98 0.58 -0.06	23.91 0.49 -0.01	21.87 0.34 0.00	20.59 0.28 0.00	18.86 0.17 -0.02
BLACKRVR_115KV_TB2 79977	19.71 0.18 0.00	17.64 0.12 0.00	17.20 0.07 0.00	15.11 0.06 -0.07	15.15 0.10 -0.06	17.84 0.14 0.00	18.51 0.18 -0.01	17.03 0.22 -0.06	15.48 0.08 -0.14	15.50 0.03 -0.15	15.26 -0.03 -0.15	15.24 -0.06 -0.14	15.79 -0.11 -0.13	16.62 -0.12 -0.10	16.76 -0.13 -0.09	17.98 -0.09 -0.08	21.61 0.09 -0.06	23.51 0.23 -0.17	23.82 0.42 -0.15	24.99 0.58 -0.07	23.91 0.49 -0.02	21.87 0.34 0.00	20.59 0.28 0.00	18.86 0.17 -0.03
BLISS_WT_PWR 323608	19.77 0.24 0.00	17.76 0.25 0.00	17.41 0.27 -0.01	15.19 -0.01 -0.22	15.16 -0.01 -0.19	18.04 0.34 0.00	18.48 0.13 -0.03	16.68 -0.27 -0.20	15.46 -0.21 -0.41	15.45 -0.32 -0.46	15.34 -0.24 -0.44	15.33 -0.24 -0.42	15.91 -0.25 -0.39	16.75 -0.20 -0.31	16.87 -0.20 -0.26	18.04 -0.18 -0.23	21.30 -0.34 -0.18	23.42 -0.16 -0.48	23.48 -0.19 -0.41	24.34 -0.20 -0.21	23.45 0.00 -0.05	21.70 0.17 0.00	20.47 0.16 0.00	18.46 -0.28 -0.07
BLUESTONE___WT_PWR 323821	20.53 1.00 0.00	18.39 0.88 0.00	17.95 0.81 -0.01	16.10 0.66 -0.46	16.08 0.70 -0.39	18.59 0.88 0.00	19.28 0.90 -0.07	17.98 0.82 -0.41	16.71 0.64 -0.81	16.80 0.58 -0.89	16.54 0.53 -0.87	16.47 0.50 -0.82	17.05 0.50 -0.77	17.82 0.58 -0.60	17.89 0.57 -0.51	19.07 0.63 -0.45	22.75 0.92 -0.37	25.24 1.15 -0.98	25.48 1.37 -0.85	26.34 1.58 -0.43	25.01 1.50 -0.10	22.82 1.29 0.00	21.45 1.14 0.00	19.71 0.90 -0.14
BLUE_CIRC_CHEM_DRP 24182	20.12 0.59 0.00	18.11 0.60 0.00	17.82 0.60 -0.09	18.71 0.52 -3.20	18.28 0.52 -2.77	18.32 0.62 0.00	19.39 0.60 -0.47	20.20 0.57 -2.88	21.22 0.41 -5.54	21.84 0.40 -6.12	21.51 0.42 -5.95	21.18 0.44 -5.58	21.51 0.46 -5.28	21.28 0.50 -4.14	20.76 0.49 -3.46	21.56 0.50 -3.06	24.73 0.69 -2.58	30.77 0.74 -6.92	30.04 0.77 -6.02	28.15 0.83 -2.99	24.97 0.84 -0.72	22.20 0.67 0.00	20.94 0.63 0.00	20.29 0.62 -1.01
BOC_GAS_DRP 24189	20.03 0.49 0.00	17.99 0.47 0.00	17.72 0.50 -0.09	18.66 0.42 -3.26	18.22 0.42 -2.82	18.20 0.50 0.00	19.29 0.49 -0.48	20.13 0.45 -2.93	21.24 0.34 -5.64	21.86 0.31 -6.23	21.51 0.32 -6.06	21.17 0.33 -5.68	21.49 0.35 -5.38	21.23 0.38 -4.21	20.72 0.39 -3.52	21.50 0.40 -3.12	24.67 0.58 -2.62	30.80 0.65 -7.05	30.03 0.65 -6.12	28.06 0.68 -3.05	24.80 0.66 -0.74	22.09 0.56 0.00	20.82 0.51 0.00	20.20 0.50 -1.02
BOONVILLE_115KV_TB1 79983	19.79 0.25 0.00	17.73 0.21 0.00	17.30 0.17 0.00	15.12 0.13 0.00	15.15 0.16 0.00	17.92 0.21 0.00	18.55 0.24 0.00	16.98 0.23 0.00	15.51 0.15 -0.09	15.56 0.14 -0.10	15.34 0.11 -0.10	15.32 0.08 -0.09	15.92 0.06 -0.08	16.79 0.08 -0.07	16.93 0.07 -0.06	18.15 0.11 -0.05	21.72 0.21 -0.04	23.52 0.30 -0.11	23.75 0.40 -0.10	24.87 0.49 -0.05	23.86 0.44 -0.01	21.87 0.34 0.00	20.59 0.28 0.00	18.89 0.21 -0.02
BORALEX_4TH_BRANCH 23824	20.50 0.96 0.00	18.39 0.88 0.00	18.08 0.86 -0.09	18.91 0.70 -3.22	18.47 0.70 -2.78	18.59 0.88 0.00	19.72 0.93 -0.47	20.40 0.75 -2.89	21.45 0.61 -5.57	22.07 0.60 -6.15	21.75 0.64 -5.98	21.41 0.64 -5.61	21.73 0.65 -5.31	21.48 0.68 -4.16	20.92 0.64 -3.48	21.77 0.70 -3.08	24.97 0.92 -2.59	31.15 1.09 -6.95	30.35 1.05 -6.04	28.41 1.07 -3.01	25.23 1.10 -0.73	22.50 0.97 0.00	21.16 0.85 0.00	20.62 0.93 -1.01
BOWLINE___1 23526	20.42 0.88 0.00	18.31 0.79 0.00	17.93 0.74 -0.07	17.99 0.60 -2.41	17.67 0.60 -2.08	18.45 0.74 0.00	19.51 0.84 -0.35	19.72 0.80 -2.16	20.07 0.64 -4.17	20.59 0.66 -4.61	20.24 0.62 -4.48	19.98 0.62 -4.20	20.41 0.66 -3.97	20.45 0.70 -3.11	20.17 0.76 -2.60	21.12 0.83 -2.30	24.60 1.20 -1.94	29.65 1.34 -5.20	29.10 1.32 -4.52	27.92 1.34 -2.25	25.12 1.17 -0.54	22.63 1.10 0.00	21.24 0.93 0.00	20.32 0.90 -0.76
BOWLINE___2 23595	20.42 0.88 0.00	18.31 0.79 0.00	17.93 0.74 -0.07	17.99 0.60 -2.41	17.67 0.60 -2.08	18.45 0.74 0.00	19.51 0.84 -0.35	19.72 0.80 -2.16	20.07 0.64 -4.17	20.59 0.66 -4.61	20.24 0.62 -4.48	19.98 0.62 -4.20	20.41 0.66 -3.97	20.45 0.70 -3.12	20.17 0.76 -2.60	21.12 0.83 -2.30	24.60 1.20 -1.94	29.65 1.34 -5.20	29.10 1.32 -4.52	27.92 1.34 -2.25	25.12 1.17 -0.54	22.63 1.10 0.00	21.24 0.93 0.00	20.32 0.90 -0.76
BRADY___115KV_TB2 356060	19.34 -0.20 0.00	17.31 -0.21 0.00	16.92 -0.21 0.00	14.83 -0.15 0.00	14.82 -0.16 0.00	17.49 -0.21 0.00	18.13 -0.18 0.00	16.62 -0.13 0.00	15.17 -0.09 0.00	15.29 -0.03 0.00	15.11 -0.03 0.00	15.10 -0.06 0.00	15.69 -0.08 0.00	16.52 -0.12 0.00	16.67 -0.13 0.00	17.83 -0.16 0.00	21.25 -0.21 0.00	22.81 -0.30 0.00	22.95 -0.30 0.00	23.99 -0.34 0.00	23.08 -0.33 0.00	21.23 -0.30 0.00	20.05 -0.26 0.00	18.41 -0.26 0.00
BRANSCOMB___SOLAR 323811	20.53 1.00 0.00	18.43 0.91 0.00	18.15 0.92 -0.10	19.06 0.78 -3.29	18.61 0.78 -2.85	18.68 0.97 0.00	19.82 1.03 -0.48	20.70 0.99 -2.96	21.71 0.75 -5.70	22.45 0.83 -6.30	22.03 0.77 -6.12	21.64 0.74 -5.74	21.96 0.76 -5.43	21.66 0.77 -4.26	21.11 0.74 -3.56	21.93 0.79 -3.15	25.21 1.09 -2.65	31.38 1.15 -7.12	30.67 1.23 -6.19	28.75 1.34 -3.08	25.65 1.50 -0.74	22.69 1.16 0.00	21.41 1.10 0.00	20.75 1.04 -1.03
BRENTWOD_69_KV_W. BRTWOOD 56703	21.10 1.56 0.00	18.87 1.35 0.00	18.38 1.18 -0.07	18.46 0.94 -2.54	18.14 0.96 -2.19	18.91 1.20 0.00	20.01 1.32 -0.37	20.32 1.29 -2.28	20.77 1.11 -4.39	21.37 1.20 -4.85	21.08 1.23 -4.72	20.83 1.23 -4.44	21.27 1.31 -4.19	21.58 1.40 -3.55	23.77 1.46 -5.50	24.60 1.58 -5.02	26.29 2.23 -2.59	32.82 2.36 -7.36	33.34 2.35 -7.74	36.83 2.46 -10.04	26.67 2.27 -1.00	24.99 2.05 -1.41	23.81 1.95 -1.56	21.11 1.64 -0.80
BRISTLHL_115KV_TB1 79998	19.70 0.16 0.00	17.66 0.14 0.00	17.27 0.14 0.00	15.21 0.12 -0.11	15.20 0.12 -0.09	17.86 0.16 0.00	18.51 0.18 -0.02	17.03 0.18 -0.09	15.49 0.02 -0.21	15.54 -0.02 -0.24	15.35 -0.02 -0.23	15.39 0.02 -0.22	15.97 0.00 -0.20	16.81 0.02 -0.16	16.96 0.02 -0.13	18.09 -0.02 -0.12	21.78 0.21 -0.10	23.72 0.35 -0.27	23.88 0.40 -0.23	24.93 0.49 -0.12	23.90 0.47 -0.03	21.94 0.41 0.00	20.65 0.35 0.00	18.95 0.24 -0.04
BROOKHAVEN___DRP 24191	21.14 1.60 0.00	18.92 1.40 0.00	18.42 1.22 -0.07	18.49 0.97 -2.54	18.17 0.99 -2.19	18.94 1.24 0.00	20.04 1.36 -0.37	20.35 1.32 -2.28	20.77 1.11 -4.39	21.38 1.21 -4.85	21.10 1.24 -4.72	20.84 1.24 -4.44	21.27 1.31 -4.19	21.60 1.41 -3.55	23.82 1.51 -5.50	24.69 1.67 -5.02	28.14 2.34 -4.34	33.00 2.47 -7.42	33.54 2.49 -7.80	62.08 2.60 -35.14	28.14 2.41 -2.32	25.09 2.15 -1.41	23.90 2.03 -1.56	21.15 1.68 -0.80

BROOKLYN_NAVY_YARD 23515	20.53 1.00 0.00	18.39 0.88 0.00	18.01 0.81 -0.07	18.16 0.64 -2.54	17.82 0.64 -2.19	18.52 0.81 0.00	19.64 0.95 -0.37	19.97 0.94 -2.28	20.43 0.78 -4.39	20.97 0.80 -4.85	20.55 0.70 -4.71	20.29 0.71 -4.42	20.74 0.79 -4.18	20.75 0.83 -3.28	20.46 0.91 -2.74	21.41 0.99 -2.43	24.94 1.44 -2.04	30.11 1.52 -5.48	29.53 1.51 -4.76	28.24 1.53 -2.37	25.29 1.31 -0.57	22.78 1.25 0.00	21.41 1.10 0.00	20.51 1.04 -0.80
BROOKLYN___ARMY_DRP 323595	20.59 1.06 0.00	18.45 0.93 0.00	18.02 0.82 -0.07	18.18 0.66 -2.54	17.84 0.66 -2.19	18.52 0.81 0.00	19.64 0.95 -0.37	20.00 0.97 -2.28	20.46 0.81 -4.39	21.02 0.84 -4.85	20.62 0.77 -4.71	20.37 0.79 -4.42	20.82 0.87 -4.18	20.83 0.92 -3.28	20.56 1.01 -2.74	21.52 1.10 -2.43	25.09 1.59 -2.04	30.32 1.73 -5.48	29.74 1.72 -4.77	28.46 1.75 -2.37	25.43 1.45 -0.57	22.93 1.40 0.00	21.49 1.18 0.00	20.57 1.10 -0.80
BROOKVLE_69_KV_TB1 55790	20.83 1.29 0.00	18.62 1.10 0.00	18.20 0.99 -0.07	18.31 0.79 -2.54	17.99 0.81 -2.19	18.71 1.01 0.00	19.80 1.12 -0.37	20.14 1.11 -2.28	20.60 0.95 -4.39	21.19 1.01 -4.85	20.90 1.04 -4.72	20.65 1.05 -4.44	21.08 1.12 -4.19	21.37 1.18 -3.55	23.55 1.24 -5.50	24.36 1.35 -5.02	25.35 1.82 -2.06	32.46 2.01 -7.34	32.97 2.00 -7.72	28.74 2.02 -2.39	25.82 1.83 -0.59	24.64 1.70 -1.41	23.39 1.52 -1.56	20.81 1.34 -0.80
BROOME_2_LFGE 323671	19.69 0.16 0.00	17.66 0.14 0.00	17.28 0.14 -0.01	15.45 0.08 -0.39	15.40 0.08 -0.34	17.86 0.16 0.00	18.50 0.13 -0.06	17.17 0.07 -0.35	15.96 -0.02 -0.71	16.04 -0.06 -0.78	15.84 -0.06 -0.76	15.84 -0.03 -0.71	16.41 -0.03 -0.67	17.15 -0.02 -0.53	17.25 0.00 -0.44	18.40 0.02 -0.39	21.91 0.13 -0.32	24.24 0.28 -0.85	24.28 0.28 -0.74	25.02 0.32 -0.37	23.82 0.33 -0.09	21.85 0.32 0.00	20.59 0.28 0.00	18.91 0.11 -0.12
BROOME___LFGE 323600	19.69 0.16 0.00	17.66 0.14 0.00	17.28 0.14 -0.01	15.45 0.08 -0.39	15.40 0.08 -0.34	17.86 0.16 0.00	18.50 0.13 -0.06	17.17 0.07 -0.35	15.96 -0.02 -0.71	16.04 -0.06 -0.78	15.84 -0.06 -0.76	15.84 -0.03 -0.71	16.41 -0.03 -0.67	17.15 -0.02 -0.53	17.25 0.00 -0.44	18.40 0.02 -0.39	21.91 0.13 -0.32	24.24 0.28 -0.85	24.28 0.28 -0.74	25.02 0.32 -0.37	23.82 0.33 -0.09	21.85 0.32 0.00	20.59 0.28 0.00	18.91 0.11 -0.12
BROWNFLS_115KV_TB_3_5 80003	19.23 -0.31 0.00	17.20 -0.32 0.00	16.79 -0.34 0.00	14.71 -0.27 0.00	14.71 -0.27 0.00	17.38 -0.32 0.00	18.02 -0.29 0.00	16.55 -0.20 0.00	15.05 -0.21 0.00	15.14 -0.18 0.00	14.93 -0.21 0.00	14.91 -0.24 0.00	15.49 -0.28 0.00	16.30 -0.33 0.00	16.46 -0.35 0.00	17.61 -0.38 0.00	21.08 -0.39 0.00	22.71 -0.39 0.00	22.91 -0.35 0.00	24.02 -0.32 0.00	23.05 -0.35 0.00	21.16 -0.37 0.00	19.96 -0.35 0.00	18.30 -0.37 0.00
BROWNSV1_27_KV_LOAD 356125	20.73 1.19 0.00	18.57 1.05 0.00	18.16 0.96 -0.07	18.30 0.78 -2.54	17.96 0.78 -2.19	18.68 0.97 0.00	19.80 1.12 -0.37	20.12 1.09 -2.28	20.57 0.92 -4.39	21.11 0.93 -4.85	20.72 0.86 -4.71	20.45 0.86 -4.42	20.92 0.96 -4.18	20.92 1.00 -3.28	20.64 1.09 -2.74	21.59 1.17 -2.43	25.18 1.67 -2.04	30.39 1.80 -5.48	29.81 1.79 -4.77	28.53 1.82 -2.37	25.54 1.57 -0.57	23.02 1.49 0.00	21.61 1.30 0.00	20.68 1.21 -0.80
BURROWS___LYONSDAL 23803	19.71 0.18 0.00	17.66 0.14 0.00	17.23 0.10 0.00	15.07 0.09 0.00	15.10 0.12 0.00	17.86 0.16 0.00	18.48 0.16 0.00	16.93 0.18 0.00	15.46 0.11 -0.09	15.50 0.08 -0.10	15.28 0.05 -0.10	15.26 0.02 -0.09	15.86 0.00 -0.09	16.72 0.02 -0.07	16.87 0.00 -0.06	18.08 0.04 -0.05	21.66 0.15 -0.04	23.43 0.21 -0.11	23.68 0.33 -0.10	24.79 0.41 -0.05	23.79 0.37 -0.01	21.79 0.26 0.00	20.53 0.22 0.00	18.84 0.15 -0.02
CAITHNESS_CC_1 323624	21.06 1.53 0.00	18.85 1.33 0.00	18.37 1.17 -0.07	18.45 0.93 -2.54	18.12 0.94 -2.19	18.89 1.19 0.00	19.99 1.30 -0.37	20.29 1.26 -2.28	20.77 1.11 -4.39	21.34 1.16 -4.85	21.05 1.20 -4.72	20.80 1.20 -4.44	21.22 1.26 -4.19	21.53 1.35 -3.55	23.75 1.45 -5.49	24.62 1.60 -5.03	28.06 2.25 -4.34	32.97 2.45 -7.41	33.49 2.44 -7.79	62.07 2.48 -35.25	28.05 2.32 -2.33	25.01 2.07 -1.41	23.79 1.93 -1.56	21.09 1.62 -0.80
CALPINE BETH_PAGE_GT4 24209	20.91 1.37 0.00	18.67 1.16 0.00	18.23 1.03 -0.07	18.33 0.81 -2.54	18.00 0.82 -2.19	18.73 1.03 0.00	19.82 1.14 -0.37	20.15 1.12 -2.28	20.63 0.98 -4.39	21.23 1.06 -4.85	20.96 1.11 -4.72	20.71 1.11 -4.44	21.14 1.18 -4.19	21.43 1.25 -3.55	23.57 1.26 -5.50	24.36 1.35 -5.02	25.43 1.85 -2.11	32.46 2.01 -7.34	32.98 2.00 -7.72	29.54 2.04 -3.16	25.89 1.85 -0.63	24.68 1.74 -1.41	23.55 1.69 -1.56	20.91 1.44 -0.80
CALPINE_BETH_PAGE_GT_4 323586	20.91 1.37 0.00	18.67 1.16 0.00	18.23 1.03 -0.07	18.33 0.81 -2.54	18.00 0.82 -2.19	18.73 1.03 0.00	19.84 1.15 -0.37	20.15 1.12 -2.28	20.65 0.99 -4.39	21.23 1.06 -4.85	20.96 1.10 -4.72	20.71 1.11 -4.44	21.14 1.18 -4.19	21.43 1.25 -3.55	23.57 1.26 -5.50	24.37 1.35 -5.02	25.42 1.85 -2.11	32.45 2.01 -7.34	32.97 2.00 -7.72	29.53 2.04 -3.16	25.88 1.85 -0.63	24.68 1.74 -1.41	23.53 1.67 -1.56	20.91 1.44 -0.80
CALPINE_BP_GT1 23823	20.91 1.37 0.00	18.67 1.16 0.00	18.23 1.03 -0.07	18.33 0.81 -2.54	18.00 0.82 -2.19	18.73 1.03 0.00	19.84 1.15 -0.37	20.15 1.12 -2.28	20.65 0.99 -4.39	21.23 1.06 -4.85	20.96 1.10 -4.72	20.71 1.11 -4.44	21.14 1.18 -4.19	21.43 1.25 -3.55	23.57 1.26 -5.50	24.37 1.35 -5.02	25.42 1.85 -2.11	32.45 2.01 -7.34	32.97 2.00 -7.72	29.53 2.04 -3.16	25.88 1.85 -0.63	24.68 1.74 -1.41	23.53 1.67 -1.56	20.91 1.44 -0.80
CALSPAN___DRP 24200	19.60 0.06 0.00	17.62 0.11 0.00	17.27 0.14 -0.01	15.19 0.00 -0.20	15.18 0.01 -0.18	17.88 0.18 0.00	18.14 -0.20 -0.03	16.58 -0.35 -0.18	15.36 -0.29 -0.39	15.37 -0.38 -0.43	15.27 -0.29 -0.41	15.30 -0.24 -0.39	15.93 -0.21 -0.37	16.78 -0.15 -0.29	16.92 -0.13 -0.24	18.10 -0.11 -0.21	21.37 -0.28 -0.18	23.50 -0.09 -0.48	23.49 -0.19 -0.42	24.30 -0.24 -0.21	23.48 0.02 -0.05	21.60 0.06 0.00	20.33 0.02 0.00	18.61 -0.13 -0.07
CALVERTON___SOLAR 323806	21.22 1.68 0.00	18.99 1.47 0.00	18.49 1.29 -0.07	18.55 1.03 -2.54	18.21 1.03 -2.19	19.01 1.31 0.00	20.12 1.43 -0.37	20.40 1.37 -2.28	20.86 1.21 -4.39	21.44 1.27 -4.85	21.16 1.30 -4.72	20.90 1.30 -4.44	21.33 1.37 -4.19	21.67 1.48 -3.55	23.88 1.58 -5.49	24.78 1.76 -5.03	28.24 2.45 -4.33	33.20 2.68 -7.41	33.72 2.67 -7.79	62.20 2.75 -35.12	28.28 2.55 -2.32	25.20 2.26 -1.41	23.98 2.11 -1.56	21.24 1.77 -0.80
CANDIGU_WT_PWR 323617	19.68 0.14 0.00	17.67 0.16 0.00	17.31 0.17 -0.01	15.30 0.05 -0.27	15.28 0.06 -0.23	17.90 0.20 0.00	18.43 0.07 -0.04	16.88 -0.12 -0.24	15.64 -0.12 -0.50	15.67 -0.20 -0.55	15.52 -0.15 -0.53	15.54 -0.12 -0.50	16.12 -0.13 -0.47	16.93 -0.08 -0.37	17.05 -0.07 -0.31	18.21 -0.05 -0.27	21.62 -0.06 -0.22	23.85 0.16 -0.58	23.88 0.12 -0.51	24.73 0.15 -0.25	23.75 0.28 -0.06	21.85 0.32 0.00	20.59 0.28 0.00	18.79 0.04 -0.08

CARR STREET_E_SYR 24060	19.42 -0.12 0.00	17.41 -0.10 0.00	17.03 -0.10 0.00	15.01 -0.09 -0.11	14.99 -0.09 -0.10	17.61 -0.09 0.00	18.22 -0.11 -0.02	16.75 -0.10 -0.10	15.25 -0.24 -0.23	15.30 -0.28 -0.25	15.13 -0.26 -0.25	15.14 -0.24 -0.23	15.74 -0.25 -0.22	16.56 -0.25 -0.17	16.72 -0.24 -0.14	17.85 -0.27 -0.13	21.45 -0.11 -0.09	23.33 -0.02 -0.24	23.44 -0.02 -0.21	24.46 0.02 -0.10	23.48 0.05 -0.03	21.53 0.00 0.00	20.29 -0.02 0.00	18.63 -0.07 -0.04
CARTHAGE___PAPER 23857	19.52 -0.02 0.00	17.46 -0.05 0.00	17.04 -0.09 0.00	14.97 -0.07 -0.06	14.99 -0.04 -0.05	17.67 -0.04 0.00	18.33 0.00 -0.01	16.85 0.05 -0.05	15.34 -0.05 -0.12	15.38 -0.08 -0.14	15.13 -0.14 -0.13	15.12 -0.17 -0.12	15.67 -0.22 -0.12	16.50 -0.23 -0.09	16.63 -0.25 -0.08	17.85 -0.22 -0.07	21.41 -0.11 -0.05	23.23 0.00 -0.13	23.51 0.14 -0.11	24.65 0.27 -0.05	23.60 0.19 -0.01	21.62 0.09 0.00	20.35 0.04 0.00	18.65 -0.04 -0.02
CASSADAGA_WT_PWR 323784	20.12 0.59 0.00	18.08 0.56 0.00	17.72 0.58 -0.01	15.55 0.34 -0.22	15.53 0.36 -0.19	18.36 0.66 0.00	18.82 0.48 -0.03	17.08 0.13 -0.20	15.83 0.15 -0.41	15.85 0.08 -0.45	15.76 0.18 -0.44	15.75 0.18 -0.41	16.38 0.22 -0.39	17.26 0.32 -0.31	17.40 0.34 -0.26	18.63 0.41 -0.23	22.01 0.36 -0.18	24.20 0.62 -0.47	24.20 0.54 -0.41	25.07 0.53 -0.20	24.18 0.73 -0.05	22.26 0.73 0.00	21.00 0.69 0.00	19.04 0.30 -0.07
CE_DUNWOOD___DRP 24194	20.54 1.00 0.00	18.39 0.88 0.00	18.02 0.82 -0.07	18.18 0.67 -2.53	17.84 0.67 -2.18	18.53 0.83 0.00	19.62 0.93 -0.37	19.93 0.90 -2.27	20.37 0.73 -4.37	20.91 0.75 -4.83	20.55 0.71 -4.70	20.28 0.71 -4.41	20.71 0.77 -4.17	20.72 0.82 -3.27	20.41 0.87 -2.73	21.36 0.95 -2.42	24.85 1.35 -2.03	30.05 1.48 -5.46	29.47 1.47 -4.75	28.20 1.51 -2.36	25.29 1.31 -0.57	22.78 1.25 0.00	21.39 1.08 0.00	20.47 1.01 -0.79
CE_MILLWOOD___DRP 24193	20.50 0.96 0.00	18.38 0.86 0.00	18.01 0.81 -0.07	18.14 0.64 -2.51	17.80 0.64 -2.17	18.50 0.80 0.00	19.58 0.90 -0.37	19.86 0.85 -2.26	20.31 0.70 -4.35	20.84 0.72 -4.80	20.47 0.67 -4.67	20.20 0.67 -4.38	20.64 0.73 -4.14	20.65 0.77 -3.25	20.35 0.82 -2.71	21.29 0.90 -2.40	24.77 1.29 -2.02	29.97 1.43 -5.43	29.39 1.42 -4.72	28.12 1.44 -2.35	25.23 1.26 -0.57	22.71 1.18 0.00	21.34 1.04 0.00	20.43 0.97 -0.79
CE_NYC2_DRP 24202	20.59 1.06 0.00	18.46 0.95 0.00	18.06 0.86 -0.07	18.21 0.69 -2.54	17.87 0.69 -2.19	18.57 0.87 0.00	19.68 0.99 -0.37	20.02 0.99 -2.28	20.48 0.82 -4.39	21.03 0.86 -4.85	20.64 0.79 -4.71	20.37 0.79 -4.42	20.82 0.87 -4.18	20.83 0.92 -3.28	20.56 1.01 -2.74	21.50 1.08 -2.43	25.07 1.57 -2.04	30.28 1.69 -5.48	29.70 1.67 -4.77	28.41 1.70 -2.37	25.43 1.45 -0.57	22.91 1.38 0.00	21.49 1.18 0.00	20.57 1.10 -0.80
CE_NYC_DRP 24195	20.61 1.07 0.00	18.46 0.95 0.00	18.08 0.87 -0.07	18.22 0.70 -2.54	17.88 0.70 -2.19	18.59 0.89 0.00	19.69 1.01 -0.37	20.03 1.00 -2.28	20.48 0.82 -4.39	21.02 0.84 -4.85	20.62 0.77 -4.71	20.35 0.77 -4.42	20.81 0.85 -4.18	20.82 0.90 -3.28	20.52 0.97 -2.74	21.48 1.06 -2.43	25.03 1.52 -2.04	30.23 1.64 -5.48	29.65 1.63 -4.77	28.33 1.63 -2.37	25.38 1.40 -0.57	22.89 1.36 0.00	21.49 1.18 0.00	20.57 1.10 -0.80
CHAFFEE___LFGE 323603	19.60 0.06 0.00	17.61 0.09 0.00	17.27 0.14 -0.01	15.17 -0.03 -0.21	15.15 -0.01 -0.18	17.86 0.16 0.00	18.29 -0.05 -0.03	16.57 -0.37 -0.19	15.36 -0.31 -0.40	15.36 -0.40 -0.44	15.28 -0.29 -0.43	15.30 -0.26 -0.40	15.93 -0.22 -0.38	16.79 -0.15 -0.30	16.92 -0.14 -0.25	18.09 -0.13 -0.22	21.36 -0.28 -0.17	23.50 -0.07 -0.46	23.49 -0.16 -0.40	24.31 -0.22 -0.20	23.47 0.02 -0.05	21.62 0.09 0.00	20.41 0.10 0.00	18.57 -0.17 -0.07
CHATEAUG_35_KV_LOAD 355732	19.81 0.27 0.00	17.71 0.19 0.00	17.30 0.17 0.00	15.18 0.19 0.00	15.12 0.13 0.00	17.84 0.14 0.00	18.50 0.18 0.00	16.95 0.20 0.00	15.51 0.24 0.00	15.66 0.34 0.00	15.44 0.30 0.00	15.44 0.29 0.00	15.96 0.19 0.00	16.70 0.07 0.00	16.78 -0.03 0.00	17.88 -0.11 0.00	21.31 -0.15 0.00	22.85 -0.25 0.00	22.91 -0.35 0.00	23.80 -0.54 0.00	22.84 -0.56 0.00	21.06 -0.47 0.00	19.92 -0.39 0.00	18.30 -0.37 0.00
CHATEAUG_WT_PWR 323614	19.81 0.27 0.00	17.71 0.19 0.00	17.30 0.17 0.00	15.16 0.18 0.00	15.12 0.13 0.00	17.84 0.14 0.00	18.48 0.16 0.00	16.95 0.20 0.00	15.49 0.23 0.00	15.64 0.32 0.00	15.43 0.29 0.00	15.41 0.26 0.00	15.94 0.17 0.00	16.69 0.05 0.00	16.74 -0.07 0.00	17.87 -0.13 0.00	21.27 -0.19 0.00	22.83 -0.28 0.00	22.88 -0.37 0.00	23.77 -0.56 0.00	22.79 -0.61 0.00	21.04 -0.49 0.00	19.88 -0.43 0.00	18.28 -0.39 0.00
CHAT_HIGH_FALL_HYD 323578	19.81 0.27 0.00	17.71 0.19 0.00	17.30 0.17 0.00	15.18 0.19 0.00	15.12 0.13 0.00	17.84 0.14 0.00	18.50 0.18 0.00	16.95 0.20 0.00	15.51 0.24 0.00	15.66 0.34 0.00	15.44 0.30 0.00	15.44 0.29 0.00	15.96 0.19 0.00	16.70 0.07 0.00	16.78 -0.03 0.00	17.88 -0.11 0.00	21.32 -0.15 0.00	22.85 -0.25 0.00	22.91 -0.35 0.00	23.80 -0.54 0.00	22.84 -0.56 0.00	21.06 -0.47 0.00	19.90 -0.41 0.00	18.30 -0.37 0.00
CHAUTAUQUA___LFGE 323629	19.89 0.35 0.00	17.89 0.37 0.00	17.53 0.39 -0.01	15.42 0.23 -0.21	15.41 0.24 -0.19	18.15 0.44 0.00	18.59 0.24 -0.03	16.89 -0.05 -0.19	15.65 -0.02 -0.40	15.66 -0.11 -0.45	15.57 0.00 -0.43	15.59 0.03 -0.41	16.22 0.06 -0.38	17.09 0.15 -0.30	17.23 0.17 -0.25	18.43 0.22 -0.22	21.77 0.13 -0.17	23.94 0.37 -0.46	23.94 0.28 -0.40	24.78 0.24 -0.20	23.90 0.44 -0.05	21.98 0.45 0.00	20.76 0.45 0.00	18.89 0.15 -0.07
CHERRYST_13_KV_LD 356241	20.65 1.11 0.00	18.52 1.00 0.00	18.11 0.91 -0.07	18.25 0.73 -2.54	17.91 0.73 -2.19	18.62 0.92 0.00	19.73 1.04 -0.37	20.07 1.04 -2.28	20.51 0.85 -4.39	21.05 0.87 -4.85	20.65 0.80 -4.71	20.40 0.82 -4.42	20.85 0.90 -4.18	20.87 0.95 -3.28	20.58 1.03 -2.74	21.52 1.10 -2.43	25.09 1.59 -2.04	30.28 1.69 -5.48	29.70 1.67 -4.77	28.41 1.70 -2.37	25.43 1.45 -0.57	22.93 1.40 0.00	21.53 1.22 0.00	20.61 1.14 -0.80
CHESTROR_138KV_BK263 355645	20.30 0.76 0.00	18.18 0.67 0.00	17.81 0.62 -0.06	17.73 0.51 -2.23	17.43 0.51 -1.93	18.32 0.62 0.00	19.34 0.70 -0.33	19.41 0.65 -2.01	19.65 0.52 -3.87	20.12 0.52 -4.27	19.78 0.48 -4.15	19.54 0.49 -3.90	19.98 0.52 -3.69	20.08 0.55 -2.89	19.81 0.59 -2.42	20.80 0.67 -2.14	24.25 0.99 -1.80	29.02 1.09 -4.83	28.55 1.09 -4.20	27.54 1.12 -2.09	24.92 1.01 -0.51	22.46 0.93 0.00	21.10 0.79 0.00	20.12 0.75 -0.70
CH_MIDHUDSON___DRP 24192	20.48 0.94 0.00	18.34 0.82 0.00	17.99 0.79 -0.08	18.24 0.64 -2.61	17.89 0.64 -2.26	18.48 0.78 0.00	19.56 0.86 -0.38	19.89 0.79 -2.35	20.41 0.63 -4.52	20.96 0.64 -5.00	20.60 0.61 -4.86	20.31 0.59 -4.56	20.71 0.63 -4.31	20.68 0.67 -3.38	20.34 0.71 -2.82	21.26 0.77 -2.50	24.71 1.14 -2.10	30.03 1.27 -5.65	29.44 1.28 -4.91	28.09 1.31 -2.44	25.16 1.17 -0.59	22.63 1.10 0.00	21.24 0.93 0.00	20.41 0.91 -0.82

CH_MISC_IPPS 23765	20.53 1.00 0.00	18.39 0.88 0.00	18.02 0.82 -0.07	18.20 0.67 -2.54	17.85 0.67 -2.19	18.50 0.80 0.00	19.58 0.90 -0.37	19.87 0.84 -2.28	20.31 0.66 -4.39	20.85 0.67 -4.85	20.47 0.62 -4.72	20.19 0.61 -4.43	20.60 0.65 -4.19	20.60 0.68 -3.28	20.27 0.72 -2.74	21.23 0.81 -2.43	24.68 1.18 -2.04	29.93 1.34 -5.48	29.39 1.37 -4.76	28.11 1.41 -2.37	25.24 1.26 -0.57	22.69 1.16 0.00	21.28 0.97 0.00	20.42 0.95 -0.80
CH_RES_BVR_FALLS 23983	19.36 -0.18 0.00	17.34 -0.18 0.00	16.96 -0.17 0.00	14.85 -0.14 0.00	14.85 -0.14 0.00	17.53 -0.18 0.00	18.15 -0.17 0.00	16.60 -0.15 0.00	15.13 -0.14 0.00	15.20 -0.12 0.00	15.02 -0.12 0.00	15.03 -0.12 0.00	15.63 -0.14 0.00	16.47 -0.17 0.00	16.64 -0.17 0.00	17.79 -0.20 0.00	21.23 -0.24 0.00	22.81 -0.30 0.00	22.95 -0.30 0.00	23.99 -0.34 0.00	23.08 -0.33 0.00	21.25 -0.28 0.00	20.07 -0.24 0.00	18.45 -0.22 0.00
CH_RES_NIAGARA 23895	18.99 -0.55 0.00	17.08 -0.44 0.00	16.93 -0.20 -0.01	15.01 -0.16 -0.19	15.00 -0.15 -0.16	17.33 -0.37 0.00	17.76 -0.59 -0.03	16.13 -0.79 -0.17	14.94 -0.69 -0.36	14.94 -0.78 -0.40	14.84 -0.68 -0.39	14.90 -0.62 -0.36	15.53 -0.58 -0.34	16.36 -0.55 -0.27	16.49 -0.54 -0.22	17.61 -0.58 -0.20	20.74 -0.88 -0.15	22.77 -0.74 -0.41	22.75 -0.86 -0.35	23.53 -0.97 -0.18	22.77 -0.68 -0.04	20.82 -0.71 0.00	19.74 -0.57 0.00	18.26 -0.47 -0.06
CH_RES_SYRACUSE 23985	19.60 0.06 0.00	17.57 0.05 0.00	17.17 0.03 0.00	15.14 0.03 -0.13	15.14 0.05 -0.11	17.76 0.05 0.00	18.41 0.07 -0.02	16.93 0.07 -0.11	15.41 -0.11 -0.25	15.46 -0.14 -0.28	15.29 -0.12 -0.27	15.30 -0.11 -0.25	15.90 -0.11 -0.24	16.73 -0.10 -0.19	16.88 -0.08 -0.16	18.02 -0.11 -0.14	21.65 0.09 -0.10	23.56 0.18 -0.27	23.70 0.21 -0.23	24.72 0.27 -0.12	23.71 0.28 -0.03	21.77 0.24 0.00	20.49 0.18 0.00	18.82 0.11 -0.04
CLINTON_WT_PWR 323605	19.81 0.27 0.00	17.71 0.19 0.00	17.30 0.17 0.00	15.16 0.18 0.00	15.12 0.13 0.00	17.84 0.14 0.00	18.48 0.16 0.00	16.95 0.20 0.00	15.49 0.23 0.00	15.64 0.32 0.00	15.43 0.29 0.00	15.41 0.26 0.00	15.94 0.17 0.00	16.69 0.05 0.00	16.74 -0.07 0.00	17.87 -0.13 0.00	21.27 -0.19 0.00	22.83 -0.28 0.00	22.88 -0.37 0.00	23.77 -0.56 0.00	22.79 -0.61 0.00	21.04 -0.49 0.00	19.88 -0.43 0.00	18.28 -0.39 0.00
CLINTON__LFGE 323618	20.01 0.47 0.00	17.87 0.35 0.00	17.45 0.32 0.00	15.31 0.33 0.00	15.25 0.27 0.00	18.00 0.30 0.00	18.66 0.35 0.00	17.12 0.37 0.00	15.68 0.41 0.00	15.84 0.52 0.00	15.61 0.47 0.00	15.60 0.44 0.00	16.13 0.36 0.00	16.87 0.23 0.00	16.93 0.12 0.00	18.06 0.07 0.00	21.53 0.06 0.00	23.15 0.05 0.00	23.19 -0.07 0.00	24.09 -0.24 0.00	23.10 -0.30 0.00	21.29 -0.24 0.00	20.11 -0.20 0.00	18.47 -0.20 0.00
COBBLENY_34_KV_TB1 80064	19.60 0.06 0.00	17.60 0.09 0.00	17.27 0.14 -0.01	15.17 -0.03 -0.21	15.15 -0.01 -0.18	17.86 0.16 0.00	18.13 -0.22 -0.03	16.57 -0.37 -0.19	15.36 -0.31 -0.40	15.36 -0.40 -0.44	15.28 -0.29 -0.43	15.30 -0.26 -0.40	15.93 -0.22 -0.38	16.79 -0.15 -0.30	16.92 -0.13 -0.25	18.09 -0.13 -0.22	21.37 -0.28 -0.19	23.54 -0.07 -0.50	23.53 -0.16 -0.43	24.33 -0.22 -0.22	23.48 0.02 -0.05	21.62 0.09 0.00	20.35 0.04 0.00	18.58 -0.17 -0.07
COFFEEN__115KV_TB3 355620	19.83 0.29 0.00	17.74 0.23 0.00	17.30 0.17 0.00	15.20 0.15 -0.07	15.24 0.19 -0.06	17.95 0.25 0.00	18.62 0.29 -0.01	17.13 0.32 -0.06	15.57 0.17 -0.14	15.58 0.11 -0.16	15.33 0.05 -0.15	15.30 0.00 -0.14	15.86 -0.05 -0.13	16.71 -0.03 -0.11	16.85 -0.05 -0.09	18.09 0.02 -0.08	21.74 0.21 -0.07	23.68 0.39 -0.18	24.01 0.60 -0.15	25.19 0.78 -0.08	24.12 0.70 -0.02	22.03 0.50 0.00	20.74 0.43 0.00	18.98 0.28 -0.03
COLDSPRG_115KV_BK1 355956	20.12 0.59 0.00	18.08 0.56 0.00	17.72 0.58 -0.01	15.46 0.25 -0.23	15.45 0.27 -0.19	18.36 0.66 0.00	18.55 0.20 -0.03	17.05 0.10 -0.20	15.81 0.12 -0.42	15.82 0.03 -0.47	15.71 0.12 -0.45	15.70 0.12 -0.42	16.31 0.14 -0.40	17.20 0.25 -0.31	17.32 0.25 -0.26	18.57 0.34 -0.23	21.96 0.30 -0.20	24.21 0.58 -0.53	24.20 0.49 -0.46	25.05 0.49 -0.23	24.14 0.68 -0.06	22.33 0.80 0.00	20.98 0.67 0.00	18.95 0.21 -0.08
COLONIE_LFGE__ 323577	20.30 0.76 0.00	18.22 0.70 0.00	17.93 0.70 -0.09	18.84 0.58 -3.27	18.39 0.58 -2.83	18.43 0.73 0.00	19.56 0.77 -0.48	20.36 0.67 -2.94	21.44 0.52 -5.66	22.09 0.52 -6.25	21.74 0.53 -6.07	21.39 0.53 -5.70	21.71 0.55 -5.39	21.43 0.57 -4.23	20.89 0.55 -3.53	21.71 0.59 -3.13	24.91 0.82 -2.63	31.07 0.90 -7.06	30.30 0.91 -6.14	28.33 0.95 -3.05	25.15 1.01 -0.74	22.35 0.82 0.00	21.06 0.75 0.00	20.46 0.77 -1.03
COOPERNY_115KV_TB1 80082	20.09 0.55 0.00	17.99 0.47 0.00	17.62 0.45 -0.04	16.82 0.36 -1.48	16.62 0.36 -1.28	18.15 0.44 0.00	19.03 0.49 -0.22	18.55 0.47 -1.33	18.19 0.37 -2.56	18.52 0.37 -2.83	18.22 0.33 -2.75	18.07 0.33 -2.58	18.58 0.36 -2.44	18.94 0.38 -1.92	18.83 0.42 -1.60	19.88 0.47 -1.42	23.36 0.71 -1.19	27.12 0.81 -3.20	26.85 0.81 -2.78	26.54 0.83 -1.39	24.49 0.75 -0.33	22.22 0.69 0.00	20.90 0.59 0.00	19.68 0.54 -0.47
COPENHAGEN_WT_PWR 323753	19.69 0.16 0.00	17.62 0.11 0.00	17.18 0.05 0.00	15.10 0.05 -0.07	15.14 0.09 -0.06	17.83 0.12 0.00	18.49 0.16 -0.01	17.02 0.20 -0.06	15.47 0.06 -0.15	15.50 0.02 -0.16	15.25 -0.05 -0.16	15.23 -0.08 -0.15	15.80 -0.11 -0.14	16.63 -0.12 -0.11	16.76 -0.14 -0.09	17.98 -0.09 -0.08	21.59 0.06 -0.06	23.46 0.21 -0.15	23.76 0.37 -0.13	24.93 0.53 -0.07	23.89 0.47 -0.02	21.85 0.32 0.00	20.59 0.28 0.00	18.84 0.15 -0.02
CORNELL____ 23752	19.89 0.35 0.00	17.83 0.32 0.00	17.43 0.29 -0.01	15.50 0.24 -0.28	15.46 0.24 -0.24	18.04 0.34 0.00	18.69 0.33 -0.04	17.30 0.30 -0.25	15.92 0.15 -0.50	15.97 0.09 -0.56	15.74 0.06 -0.54	15.74 0.08 -0.51	16.31 0.06 -0.48	17.11 0.10 -0.38	17.24 0.12 -0.32	18.42 0.14 -0.28	22.09 0.39 -0.23	24.29 0.55 -0.63	24.41 0.60 -0.55	25.31 0.71 -0.27	24.17 0.70 -0.07	22.15 0.62 0.00	20.82 0.51 0.00	19.14 0.37 -0.09
CORONAAV_69_KV_TB1 355595	20.87 1.33 0.00	18.64 1.12 0.00	18.20 0.99 -0.07	18.30 0.78 -2.54	17.97 0.79 -2.19	18.69 0.99 0.00	19.79 1.10 -0.37	20.12 1.09 -2.28	20.59 0.93 -4.39	21.19 1.01 -4.85	20.91 1.06 -4.72	20.66 1.06 -4.44	21.09 1.14 -4.19	21.38 1.20 -3.55	23.57 1.26 -5.50	24.38 1.37 -5.02	25.37 1.85 -2.06	32.48 2.03 -7.34	33.00 2.02 -7.72	28.82 2.09 -2.39	25.89 1.90 -0.59	24.71 1.77 -1.41	23.47 1.60 -1.56	20.87 1.40 -0.80
CORTLAND_115KV_TB3 80093	19.73 0.20 0.00	17.69 0.18 0.00	17.31 0.17 -0.01	15.33 0.12 -0.22	15.31 0.13 -0.19	17.90 0.19 0.00	18.51 0.16 -0.03	17.12 0.17 -0.20	15.71 0.03 -0.41	15.76 -0.02 -0.46	15.57 -0.02 -0.44	15.56 -0.02 -0.42	16.15 -0.02 -0.39	16.95 0.00 -0.31	17.08 0.02 -0.26	18.24 0.02 -0.23	21.87 0.21 -0.19	23.97 0.35 -0.51	24.07 0.37 -0.45	24.99 0.44 -0.22	23.90 0.44 -0.05	21.92 0.39 0.00	20.61 0.30 0.00	18.95 0.21 -0.07

COXSACKIE___GT 23611	20.53 1.00 0.00	18.46 0.95 0.00	18.12 0.91 -0.09	18.72 0.69 -3.05	18.33 0.70 -2.64	18.57 0.87 0.00	19.66 0.90 -0.45	20.28 0.79 -2.74	21.02 0.47 -5.28	21.61 0.46 -5.83	21.28 0.47 -5.67	20.92 0.44 -5.32	21.24 0.44 -5.03	21.08 0.50 -3.94	20.57 0.47 -3.30	21.43 0.52 -2.92	24.75 0.84 -2.45	30.69 0.99 -6.59	30.19 1.21 -5.73	28.52 1.34 -2.85	25.36 1.26 -0.69	22.56 1.03 0.00	21.22 0.91 0.00	20.45 0.82 -0.96
CPV_VALLEY___CC1 323721	20.16 0.63 0.00	18.06 0.54 0.00	17.70 0.51 -0.06	17.35 0.40 -1.97	17.09 0.40 -1.70	18.22 0.51 0.00	19.19 0.59 -0.29	19.07 0.55 -1.77	19.10 0.43 -3.41	19.51 0.43 -3.76	19.19 0.39 -3.66	18.98 0.39 -3.43	19.44 0.43 -3.25	19.65 0.47 -2.55	19.44 0.50 -2.13	20.43 0.56 -1.88	23.88 0.84 -1.58	28.28 0.93 -4.25	27.88 0.93 -3.69	27.12 0.95 -1.84	24.69 0.84 -0.44	22.33 0.80 0.00	20.96 0.65 0.00	19.92 0.64 -0.62
CPV_VALLEY___CC2 323722	20.16 0.63 0.00	18.06 0.54 0.00	17.70 0.51 -0.06	17.35 0.40 -1.97	17.09 0.40 -1.70	18.22 0.51 0.00	19.19 0.59 -0.29	19.07 0.55 -1.77	19.10 0.43 -3.41	19.51 0.43 -3.76	19.19 0.39 -3.66	18.98 0.39 -3.43	19.44 0.43 -3.25	19.65 0.47 -2.55	19.44 0.50 -2.13	20.43 0.56 -1.88	23.88 0.84 -1.58	28.28 0.93 -4.25	27.88 0.93 -3.69	27.12 0.95 -1.84	24.69 0.84 -0.44	22.33 0.80 0.00	20.96 0.65 0.00	19.92 0.64 -0.62
CRESCENT___HYD 24018	20.30 0.76 0.00	18.22 0.70 0.00	17.93 0.70 -0.09	18.84 0.58 -3.27	18.39 0.58 -2.83	18.43 0.73 0.00	19.56 0.77 -0.48	20.36 0.67 -2.94	21.44 0.52 -5.66	22.09 0.52 -6.25	21.74 0.53 -6.07	21.39 0.53 -5.70	21.71 0.55 -5.39	21.43 0.57 -4.23	20.89 0.55 -3.53	21.71 0.59 -3.13	24.91 0.82 -2.63	31.07 0.90 -7.06	30.30 0.91 -6.14	28.33 0.95 -3.05	25.15 1.01 -0.74	22.35 0.82 0.00	21.06 0.75 0.00	20.46 0.77 -1.03
CRICKET___VALLEY_CC1 323756	20.30 0.76 0.00	18.22 0.70 0.00	17.88 0.67 -0.08	18.26 0.54 -2.74	17.89 0.54 -2.37	18.38 0.67 0.00	19.47 0.75 -0.40	19.87 0.65 -2.47	20.51 0.50 -4.75	21.06 0.49 -5.25	20.72 0.48 -5.10	20.43 0.48 -4.78	20.81 0.52 -4.52	20.73 0.55 -3.55	20.34 0.57 -2.96	21.23 0.61 -2.62	24.55 0.88 -2.21	30.02 0.99 -5.93	29.38 0.98 -5.15	27.89 1.00 -2.56	24.93 0.91 -0.62	22.37 0.84 0.00	21.02 0.71 0.00	20.28 0.75 -0.86
CRICKET___VALLEY_CC2 323757	20.30 0.76 0.00	18.22 0.70 0.00	17.88 0.67 -0.08	18.26 0.54 -2.74	17.89 0.54 -2.37	18.38 0.67 0.00	19.47 0.75 -0.40	19.87 0.65 -2.47	20.51 0.50 -4.75	21.06 0.49 -5.25	20.72 0.48 -5.10	20.43 0.48 -4.78	20.81 0.52 -4.52	20.73 0.55 -3.55	20.34 0.57 -2.96	21.23 0.61 -2.62	24.55 0.88 -2.21	30.02 0.99 -5.93	29.38 0.98 -5.15	27.89 1.00 -2.56	24.93 0.91 -0.62	22.37 0.84 0.00	21.02 0.71 0.00	20.28 0.75 -0.86
CRICKET___VALLEY_CC3 323758	20.30 0.76 0.00	18.22 0.70 0.00	17.88 0.67 -0.08	18.26 0.54 -2.74	17.89 0.54 -2.37	18.38 0.67 0.00	19.47 0.75 -0.40	19.87 0.65 -2.47	20.51 0.50 -4.75	21.06 0.49 -5.25	20.72 0.48 -5.10	20.43 0.48 -4.78	20.81 0.52 -4.52	20.73 0.55 -3.55	20.34 0.57 -2.96	21.23 0.61 -2.62	24.55 0.88 -2.21	30.02 0.99 -5.93	29.38 0.98 -5.15	27.89 1.00 -2.56	24.93 0.91 -0.62	22.37 0.84 0.00	21.02 0.71 0.00	20.28 0.75 -0.86
CRUCIBLE_METL_DRP 24180	19.60 0.06 0.00	17.57 0.05 0.00	17.17 0.03 0.00	15.14 0.03 -0.13	15.14 0.04 -0.11	17.76 0.05 0.00	18.39 0.05 -0.02	16.93 0.07 -0.11	15.41 -0.11 -0.25	15.46 -0.14 -0.28	15.29 -0.12 -0.27	15.30 -0.11 -0.25	15.90 -0.11 -0.24	16.72 -0.10 -0.19	16.88 -0.08 -0.16	18.02 -0.11 -0.14	21.67 0.09 -0.12	23.60 0.18 -0.31	23.74 0.21 -0.27	24.74 0.27 -0.14	23.72 0.28 -0.03	21.77 0.24 0.00	20.49 0.18 0.00	18.83 0.11 -0.05
DAHOWA___HYDRO 323763	20.61 1.07 0.00	18.50 0.98 0.00	18.20 0.98 -0.10	19.12 0.84 -3.30	18.67 0.84 -2.85	18.75 1.04 0.00	19.90 1.10 -0.48	20.79 1.07 -2.97	21.78 0.81 -5.71	22.55 0.92 -6.31	22.11 0.85 -6.13	21.73 0.82 -5.75	22.03 0.82 -5.44	21.72 0.82 -4.27	21.18 0.81 -3.56	22.01 0.86 -3.15	25.32 1.20 -2.65	31.46 1.22 -7.13	30.75 1.30 -6.19	28.87 1.46 -3.08	25.79 1.64 -0.75	22.80 1.27 0.00	21.51 1.20 0.00	20.83 1.12 -1.04
DANC___LFGE 323619	19.64 0.10 0.00	17.59 0.07 0.00	17.17 0.03 0.00	15.10 0.03 -0.08	15.12 0.06 -0.07	17.79 0.09 0.00	18.44 0.11 -0.01	16.96 0.13 -0.08	15.43 0.00 -0.17	15.46 -0.05 -0.19	15.25 -0.08 -0.18	15.24 -0.09 -0.17	15.81 -0.13 -0.16	16.63 -0.13 -0.13	16.78 -0.14 -0.11	17.94 -0.14 -0.09	21.53 0.00 -0.07	23.42 0.14 -0.18	23.67 0.26 -0.15	24.80 0.39 -0.08	23.75 0.33 -0.02	21.77 0.24 0.00	20.55 0.24 0.00	18.83 0.13 -0.03
DANSKAMMER___1 23586	20.53 1.00 0.00	18.39 0.88 0.00	18.02 0.82 -0.07	18.20 0.67 -2.54	17.85 0.67 -2.19	18.50 0.80 0.00	19.58 0.90 -0.37	19.87 0.84 -2.28	20.31 0.66 -4.39	20.85 0.67 -4.85	20.47 0.62 -4.72	20.19 0.61 -4.43	20.60 0.65 -4.19	20.60 0.68 -3.28	20.27 0.72 -2.74	21.23 0.81 -2.43	24.68 1.18 -2.04	29.93 1.34 -5.48	29.39 1.37 -4.76	28.11 1.41 -2.37	25.24 1.26 -0.57	22.69 1.16 0.00	21.28 0.97 0.00	20.42 0.95 -0.80
DANSKAMMER___2 23589	20.53 1.00 0.00	18.39 0.88 0.00	18.02 0.82 -0.07	18.20 0.67 -2.54	17.85 0.67 -2.19	18.50 0.80 0.00	19.58 0.90 -0.37	19.87 0.84 -2.28	20.31 0.66 -4.39	20.85 0.67 -4.85	20.47 0.62 -4.72	20.19 0.61 -4.43	20.60 0.65 -4.19	20.60 0.68 -3.28	20.27 0.72 -2.74	21.23 0.81 -2.43	24.68 1.18 -2.04	29.93 1.34 -5.48	29.39 1.37 -4.76	28.11 1.41 -2.37	25.24 1.26 -0.57	22.69 1.16 0.00	21.28 0.97 0.00	20.42 0.95 -0.80
DANSKAMMER___3 23590	20.53 1.00 0.00	18.39 0.88 0.00	18.02 0.82 -0.07	18.20 0.67 -2.54	17.85 0.67 -2.19	18.50 0.80 0.00	19.58 0.90 -0.37	19.87 0.84 -2.28	20.31 0.66 -4.39	20.85 0.67 -4.85	20.47 0.62 -4.72	20.19 0.61 -4.43	20.60 0.65 -4.19	20.60 0.68 -3.28	20.27 0.72 -2.74	21.23 0.81 -2.43	24.68 1.18 -2.04	29.93 1.34 -5.48	29.39 1.37 -4.76	28.11 1.41 -2.37	25.24 1.26 -0.57	22.69 1.16 0.00	21.28 0.97 0.00	20.42 0.95 -0.80
DANSKAMMER___4 23591	20.53 1.00 0.00	18.39 0.88 0.00	18.02 0.82 -0.07	18.20 0.67 -2.54	17.85 0.67 -2.19	18.50 0.80 0.00	19.58 0.90 -0.37	19.87 0.84 -2.28	20.31 0.66 -4.39	20.85 0.67 -4.85	20.47 0.62 -4.72	20.19 0.61 -4.43	20.60 0.65 -4.19	20.60 0.68 -3.28	20.27 0.72 -2.74	21.23 0.81 -2.43	24.68 1.18 -2.04	29.93 1.34 -5.48	29.39 1.37 -4.76	28.11 1.41 -2.37	25.24 1.26 -0.57	22.69 1.16 0.00	21.28 0.97 0.00	20.42 0.95 -0.80
DANSKAMMER___DIESEL 23592	20.54 1.00 0.00	18.39 0.88 0.00	18.02 0.82 -0.07	18.19 0.67 -2.54	17.85 0.67 -2.19	18.52 0.81 0.00	19.57 0.88 -0.37	19.87 0.84 -2.28	20.31 0.66 -4.39	20.85 0.67 -4.85	20.47 0.62 -4.72	20.19 0.61 -4.43	20.60 0.65 -4.19	20.60 0.68 -3.28	20.27 0.72 -2.74	21.23 0.81 -2.43	24.71 1.20 -2.04	29.93 1.34 -5.49	29.40 1.37 -4.77	28.12 1.41 -2.37	25.24 1.26 -0.57	22.69 1.16 0.00	21.30 1.00 0.00	20.42 0.95 -0.80

DARBY___SOLAR 323810	20.55 1.02 0.00	18.44 0.93 0.00	18.15 0.92 -0.10	19.07 0.79 -3.29	18.63 0.79 -2.85	18.69 0.99 0.00	19.82 1.03 -0.48	20.72 1.00 -2.96	21.73 0.76 -5.70	22.48 0.86 -6.30	22.06 0.80 -6.12	21.69 0.79 -5.75	21.99 0.79 -5.43	21.68 0.78 -4.26	21.14 0.77 -3.56	21.97 0.83 -3.15	25.25 1.14 -2.65	31.40 1.18 -7.12	30.67 1.23 -6.19	28.77 1.36 -3.08	25.67 1.52 -0.74	22.71 1.18 0.00	21.43 1.12 0.00	20.77 1.06 -1.03
DASHVILLE___HYD 23610	20.38 0.84 0.00	18.24 0.72 0.00	17.89 0.69 -0.08	18.02 0.42 -2.62	17.67 0.42 -2.27	18.34 0.64 0.00	19.28 0.59 -0.38	19.64 0.54 -2.36	20.20 0.40 -4.54	20.73 0.40 -5.01	20.36 0.35 -4.87	20.06 0.33 -4.57	20.44 0.35 -4.32	20.41 0.38 -3.39	20.06 0.42 -2.83	20.98 0.49 -2.51	24.41 0.84 -2.11	29.74 0.97 -5.67	29.16 0.98 -4.92	27.78 1.00 -2.45	24.81 0.82 -0.59	22.46 0.93 0.00	21.08 0.77 0.00	20.13 0.63 -0.82
DEERFIELD_69_KV_DEERFIELD LD 355887	21.61 2.07 0.00	19.32 1.80 0.00	18.81 1.61 -0.07	18.82 1.30 -2.54	18.50 1.32 -2.19	19.33 1.63 0.00	20.45 1.76 -0.37	20.74 1.71 -2.28	21.15 1.50 -4.39	21.78 1.61 -4.85	21.52 1.67 -4.72	21.25 1.65 -4.44	21.69 1.73 -4.19	22.05 1.86 -3.55	24.29 1.98 -5.50	25.23 2.21 -5.02	28.80 3.01 -4.33	33.76 3.23 -7.42	34.33 3.28 -7.80	62.77 3.41 -35.04	28.86 3.14 -2.32	25.74 2.80 -1.41	24.46 2.60 -1.56	21.63 2.17 -0.80
DELAWARE___LFGE 323621	20.03 0.49 0.00	17.94 0.42 0.00	17.54 0.39 -0.02	15.90 0.31 -0.60	15.83 0.33 -0.52	18.13 0.42 0.00	18.83 0.42 -0.09	17.69 0.40 -0.54	16.62 0.31 -1.05	16.78 0.29 -1.16	16.54 0.27 -1.13	16.49 0.27 -1.06	17.06 0.28 -1.00	17.74 0.32 -0.79	17.80 0.34 -0.66	18.95 0.38 -0.58	22.51 0.56 -0.49	25.09 0.67 -1.32	25.12 0.72 -1.14	25.68 0.78 -0.57	24.27 0.73 -0.14	22.18 0.65 0.00	20.86 0.55 0.00	19.33 0.47 -0.19
DERFIELD_115KV_TB7 355931	19.58 0.04 0.00	17.55 0.04 0.00	17.16 0.03 0.00	15.00 0.01 0.00	15.01 0.03 0.00	17.74 0.04 0.00	18.33 0.02 0.00	16.77 0.02 0.00	15.25 -0.02 0.00	15.31 -0.02 0.00	15.12 -0.02 0.00	15.13 -0.03 0.00	15.74 -0.03 0.00	16.62 -0.02 0.00	16.78 -0.03 0.00	17.96 -0.04 0.00	21.46 0.00 0.00	23.13 0.02 0.00	23.28 0.02 0.00	24.36 0.02 0.00	23.43 0.02 0.00	21.55 0.02 0.00	20.33 0.02 0.00	18.69 0.02 0.00
DOGLEVILLE___HYD 23807	19.68 0.14 0.00	17.64 0.12 0.00	17.21 0.09 0.00	15.04 0.06 0.00	15.06 0.08 0.00	17.77 0.07 0.00	18.35 0.04 0.00	16.73 -0.02 0.00	15.19 -0.08 0.00	15.24 -0.08 0.00	15.06 -0.08 0.00	15.05 -0.11 0.00	15.63 -0.14 0.00	16.47 -0.17 0.00	16.62 -0.18 0.00	17.79 -0.20 0.00	21.27 -0.19 0.00	22.92 -0.19 0.00	23.09 -0.16 0.00	24.19 -0.15 0.00	23.24 -0.16 0.00	21.44 -0.09 0.00	20.23 -0.08 0.00	18.62 -0.06 0.00
DUNKIRK___115KV_TB_200 55889	19.85 0.31 0.00	17.85 0.33 0.00	17.49 0.36 -0.01	15.39 0.19 -0.21	15.38 0.21 -0.19	18.11 0.41 0.00	18.40 0.05 -0.03	16.86 -0.08 -0.19	15.62 -0.05 -0.40	15.63 -0.14 -0.44	15.54 -0.03 -0.43	15.55 -0.02 -0.41	16.18 0.03 -0.38	17.05 0.12 -0.30	17.19 0.13 -0.25	18.39 0.18 -0.22	21.74 0.09 -0.19	23.91 0.30 -0.50	23.90 0.21 -0.44	24.74 0.19 -0.22	23.85 0.40 -0.05	21.94 0.41 0.00	20.63 0.32 0.00	18.86 0.11 -0.07
DUNKIRK___1 23563	19.85 0.31 0.00	17.85 0.33 0.00	17.49 0.36 -0.01	15.39 0.19 -0.21	15.38 0.21 -0.19	18.11 0.41 0.00	18.40 0.05 -0.03	16.86 -0.08 -0.19	15.62 -0.05 -0.40	15.63 -0.14 -0.44	15.54 -0.03 -0.43	15.55 -0.02 -0.41	16.18 0.03 -0.38	17.05 0.12 -0.30	17.19 0.13 -0.25	18.39 0.18 -0.22	21.74 0.09 -0.19	23.91 0.30 -0.50	23.90 0.21 -0.44	24.74 0.19 -0.22	23.85 0.40 -0.05	21.94 0.41 0.00	20.63 0.32 0.00	18.86 0.11 -0.07
DUNKIRK___2 23564	19.85 0.31 0.00	17.85 0.33 0.00	17.49 0.36 -0.01	15.39 0.19 -0.21	15.38 0.21 -0.19	18.11 0.41 0.00	18.40 0.05 -0.03	16.86 -0.08 -0.19	15.62 -0.05 -0.40	15.63 -0.14 -0.44	15.54 -0.03 -0.43	15.55 -0.02 -0.41	16.18 0.03 -0.38	17.05 0.12 -0.30	17.19 0.13 -0.25	18.39 0.18 -0.22	21.74 0.09 -0.19	23.91 0.30 -0.50	23.90 0.21 -0.44	24.74 0.19 -0.22	23.85 0.40 -0.05	21.94 0.41 0.00	20.63 0.32 0.00	18.86 0.11 -0.07
DUNKIRK___3 23565	19.73 0.20 0.00	17.74 0.23 0.00	17.39 0.26 -0.01	15.30 0.10 -0.21	15.29 0.12 -0.19	18.00 0.30 0.00	18.29 -0.05 -0.03	16.76 -0.18 -0.19	15.53 -0.14 -0.40	15.54 -0.23 -0.44	15.43 -0.14 -0.43	15.46 -0.11 -0.41	16.07 -0.08 -0.38	16.94 0.00 -0.30	17.08 0.02 -0.25	18.27 0.05 -0.22	21.59 -0.06 -0.19	23.77 0.16 -0.50	23.76 0.07 -0.44	24.57 0.02 -0.22	23.69 0.23 -0.05	21.81 0.28 0.00	20.53 0.22 0.00	18.74 0.00 -0.07
DUNKIRK___4 23566	19.77 0.23 0.00	17.78 0.26 0.00	17.43 0.29 -0.01	15.33 0.13 -0.21	15.31 0.15 -0.18	18.04 0.34 0.00	18.33 -0.02 -0.03	16.77 -0.17 -0.19	15.54 -0.12 -0.39	15.54 -0.21 -0.43	15.44 -0.12 -0.42	15.46 -0.09 -0.40	16.10 -0.05 -0.38	16.96 0.03 -0.29	17.09 0.03 -0.25	18.30 0.09 -0.22	21.60 -0.04 -0.18	23.78 0.18 -0.49	23.78 0.09 -0.43	24.59 0.05 -0.21	23.74 0.28 -0.05	21.83 0.30 0.00	20.55 0.24 0.00	18.78 0.04 -0.07
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	20.57 1.04 0.00	18.43 0.91 0.00	18.06 0.86 -0.07	18.21 0.69 -2.54	17.87 0.69 -2.19	18.57 0.87 0.00	19.66 0.97 -0.37	19.97 0.94 -2.28	20.42 0.76 -4.39	20.95 0.78 -4.85	20.59 0.74 -4.71	20.32 0.74 -4.42	20.76 0.80 -4.18	20.77 0.85 -3.28	20.46 0.91 -2.74	21.41 0.99 -2.43	24.92 1.42 -2.04	30.14 1.55 -5.48	29.56 1.53 -4.77	28.26 1.56 -2.37	25.36 1.38 -0.57	22.82 1.29 0.00	21.43 1.12 0.00	20.53 1.06 -0.80
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	20.40 0.86 0.00	18.27 0.75 0.00	17.90 0.70 -0.07	17.96 0.57 -2.41	17.64 0.57 -2.08	18.39 0.69 0.00	19.44 0.77 -0.35	19.64 0.72 -2.17	20.00 0.56 -4.17	20.51 0.58 -4.61	20.15 0.53 -4.48	19.89 0.53 -4.20	20.31 0.57 -3.98	20.35 0.60 -3.12	20.05 0.64 -2.60	21.02 0.72 -2.30	24.48 1.07 -1.94	29.52 1.20 -5.21	28.99 1.21 -4.53	27.83 1.24 -2.25	25.05 1.10 -0.55	22.56 1.03 0.00	21.18 0.87 0.00	20.25 0.82 -0.76
E179THST_138_KV_TB4_REV_LBMP_J 345001	20.54 1.00 0.00	18.41 0.89 0.00	17.99 0.79 -0.07	18.15 0.63 -2.54	17.81 0.63 -2.19	18.50 0.80 0.00	19.60 0.92 -0.37	19.95 0.92 -2.28	20.42 0.76 -4.39	20.97 0.80 -4.85	20.58 0.73 -4.71	20.31 0.73 -4.42	20.77 0.82 -4.18	20.78 0.87 -3.28	20.49 0.94 -2.74	21.44 1.03 -2.43	25.01 1.50 -2.04	30.21 1.62 -5.48	29.63 1.60 -4.77	28.31 1.61 -2.37	25.33 1.36 -0.57	22.82 1.29 0.00	21.43 1.12 0.00	20.51 1.05 -0.80
E179THST_13_KV_LOAD 356214	20.59 1.06 0.00	18.48 0.96 0.00	18.06 0.86 -0.07	18.19 0.67 -2.54	17.87 0.69 -2.19	18.55 0.85 0.00	19.68 0.99 -0.37	20.02 0.99 -2.28	20.48 0.82 -4.39	21.03 0.86 -4.85	20.64 0.79 -4.71	20.38 0.80 -4.42	20.84 0.88 -4.18	20.85 0.93 -3.28	20.56 1.01 -2.74	21.52 1.10 -2.43	25.09 1.59 -2.04	30.30 1.71 -5.48	29.72 1.70 -4.77	28.43 1.73 -2.37	25.43 1.45 -0.57	22.93 1.40 0.00	21.51 1.20 0.00	20.59 1.12 -0.80

EAST HAMPTON___GT 23717	21.84 2.30 0.00	19.51 2.00 0.00	19.00 1.80 -0.07	18.99 1.47 -2.54	18.66 1.48 -2.19	19.53 1.82 0.00	20.66 1.98 -0.37	20.92 1.89 -2.28	21.36 1.71 -4.39	21.98 1.81 -4.85	21.72 1.86 -4.72	21.46 1.86 -4.44	21.90 1.94 -4.19	22.26 2.08 -3.55	24.52 2.22 -5.49	25.49 2.47 -5.03	29.14 3.35 -4.33	34.21 3.70 -7.41	34.72 3.67 -7.79	63.15 3.79 -35.03	29.23 3.51 -2.32	26.04 3.10 -1.41	24.73 2.86 -1.56	21.88 2.41 -0.80
EAST RIVER___6 23660	20.65 1.11 0.00	18.52 1.00 0.00	18.11 0.91 -0.07	18.25 0.73 -2.54	17.88 0.70 -2.19	18.57 0.87 0.00	19.67 0.99 -0.37	20.03 1.00 -2.28	20.48 0.82 -4.39	21.00 0.83 -4.85	20.62 0.77 -4.71	20.35 0.77 -4.42	20.81 0.85 -4.18	20.82 0.90 -3.28	20.54 0.99 -2.74	21.48 1.06 -2.43	25.03 1.52 -2.04	30.23 1.64 -5.48	29.64 1.63 -4.76	28.33 1.63 -2.37	25.36 1.38 -0.57	22.87 1.34 0.00	21.45 1.14 0.00	20.55 1.08 -0.80
EAST RIVER___7 23524	20.65 1.11 0.00	18.52 1.00 0.00	18.11 0.91 -0.07	18.25 0.73 -2.54	17.88 0.70 -2.19	18.57 0.87 0.00	19.67 0.99 -0.37	20.03 1.00 -2.28	20.48 0.82 -4.39	21.00 0.83 -4.85	20.62 0.77 -4.71	20.35 0.77 -4.42	20.81 0.85 -4.18	20.82 0.90 -3.28	20.54 0.99 -2.74	21.48 1.06 -2.43	25.03 1.52 -2.04	30.23 1.64 -5.48	29.64 1.63 -4.76	28.33 1.63 -2.37	25.36 1.38 -0.57	22.87 1.34 0.00	21.45 1.14 0.00	20.55 1.08 -0.80
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	20.54 1.00 0.00	18.39 0.88 0.00	18.02 0.82 -0.07	18.18 0.67 -2.53	17.84 0.67 -2.18	18.53 0.83 0.00	19.62 0.93 -0.37	19.93 0.90 -2.27	20.37 0.73 -4.37	20.91 0.75 -4.83	20.55 0.71 -4.70	20.28 0.71 -4.41	20.71 0.77 -4.17	20.72 0.82 -3.27	20.41 0.87 -2.73	21.36 0.95 -2.42	24.85 1.35 -2.03	30.05 1.48 -5.46	29.47 1.47 -4.75	28.20 1.51 -2.36	25.29 1.31 -0.57	22.78 1.25 0.00	21.39 1.08 0.00	20.47 1.01 -0.79
EAST_HAMPTON___DIESEL 23722	21.84 2.30 0.00	19.53 2.01 0.00	19.00 1.80 -0.07	18.99 1.47 -2.54	18.66 1.48 -2.19	19.53 1.82 0.00	20.66 1.98 -0.37	20.92 1.89 -2.28	21.36 1.71 -4.39	21.98 1.81 -4.85	21.72 1.86 -4.72	21.46 1.86 -4.44	21.91 1.96 -4.19	22.28 2.10 -3.55	24.52 2.22 -5.49	25.50 2.48 -5.03	29.14 3.35 -4.33	34.21 3.70 -7.41	34.74 3.70 -7.79	63.18 3.82 -35.03	29.23 3.51 -2.32	26.04 3.10 -1.41	24.75 2.88 -1.56	21.88 2.41 -0.80
EAST_PULASKI___ESR 323781	19.70 0.16 0.00	17.66 0.14 0.00	17.23 0.10 0.00	15.17 0.09 -0.10	15.19 0.12 -0.08	17.86 0.16 0.00	18.51 0.18 -0.01	17.02 0.18 -0.09	15.49 0.03 -0.20	15.52 -0.02 -0.22	15.33 -0.02 -0.21	15.35 0.00 -0.20	15.91 -0.05 -0.19	16.75 -0.03 -0.15	16.90 -0.03 -0.12	18.03 -0.07 -0.11	21.66 0.11 -0.09	23.61 0.25 -0.25	23.79 0.33 -0.21	24.88 0.44 -0.11	23.83 0.40 -0.03	21.87 0.34 0.00	20.63 0.32 0.00	18.91 0.21 -0.04
EAST_RIVER___1 323558	20.61 1.07 0.00	18.46 0.95 0.00	18.07 0.87 -0.07	18.22 0.70 -2.54	17.88 0.70 -2.19	18.59 0.88 0.00	19.71 1.03 -0.37	20.03 1.00 -2.28	20.48 0.82 -4.39	21.01 0.84 -4.85	20.62 0.77 -4.71	20.35 0.77 -4.42	20.81 0.85 -4.18	20.82 0.90 -3.28	20.52 0.97 -2.74	21.48 1.06 -2.43	25.03 1.52 -2.04	30.23 1.64 -5.48	29.62 1.60 -4.76	28.33 1.63 -2.37	25.38 1.40 -0.57	22.89 1.36 0.00	21.47 1.16 0.00	20.57 1.10 -0.80
EAST_RIVER___2 323559	20.65 1.11 0.00	18.52 1.00 0.00	18.11 0.91 -0.07	18.25 0.73 -2.54	17.88 0.70 -2.19	18.57 0.87 0.00	19.67 0.99 -0.37	20.03 1.00 -2.28	20.48 0.82 -4.39	21.00 0.83 -4.85	20.62 0.77 -4.71	20.35 0.77 -4.42	20.81 0.85 -4.18	20.82 0.90 -3.28	20.54 0.99 -2.74	21.48 1.06 -2.43	25.03 1.52 -2.04	30.23 1.64 -5.48	29.64 1.63 -4.76	28.33 1.63 -2.37	25.36 1.38 -0.57	22.87 1.34 0.00	21.45 1.14 0.00	20.55 1.08 -0.80
EAST___DELAWARE_HYD 23607	20.16 0.63 0.00	18.04 0.53 0.00	17.65 0.46 -0.06	17.43 0.36 -2.09	17.17 0.37 -1.81	18.13 0.42 0.00	19.13 0.51 -0.31	19.13 0.50 -1.88	19.24 0.35 -3.62	19.66 0.34 -4.00	19.30 0.27 -3.89	19.05 0.24 -3.65	19.05 -0.17 -3.45	19.16 -0.18 -2.71	18.93 -0.14 -2.26	19.89 -0.11 -2.00	23.30 0.15 -1.68	27.88 0.25 -4.52	27.51 0.33 -3.93	26.60 0.32 -1.95	24.69 0.82 -0.47	22.30 0.77 0.00	20.90 0.59 0.00	19.91 0.58 -0.66
EIGHT_POINT___WT_PWR 323820	19.99 0.45 0.00	17.96 0.44 0.00	17.56 0.43 -0.01	15.51 0.27 -0.25	15.47 0.27 -0.22	18.16 0.46 0.00	18.72 0.37 -0.04	17.09 0.12 -0.23	15.84 0.11 -0.47	15.85 0.02 -0.52	15.70 0.06 -0.50	15.72 0.09 -0.47	16.31 0.10 -0.44	17.12 0.13 -0.35	17.27 0.17 -0.29	18.45 0.20 -0.26	21.90 0.24 -0.20	24.16 0.51 -0.54	24.22 0.49 -0.47	25.13 0.56 -0.24	24.14 0.68 -0.06	22.22 0.69 0.00	20.94 0.63 0.00	19.07 0.32 -0.08
ELBRIDGE_115KV_TB2 80188	19.46 -0.08 0.00	17.45 -0.07 0.00	17.06 -0.07 0.00	15.06 -0.06 -0.13	15.04 -0.06 -0.12	17.65 -0.05 0.00	18.26 -0.07 -0.02	16.80 -0.07 -0.12	15.30 -0.23 -0.27	15.36 -0.26 -0.30	15.17 -0.26 -0.29	15.20 -0.23 -0.27	15.79 -0.24 -0.26	16.60 -0.23 -0.20	16.74 -0.24 -0.17	17.89 -0.25 -0.15	21.52 -0.06 -0.12	23.46 0.02 -0.33	23.57 0.02 -0.29	24.55 0.07 -0.14	23.53 0.09 -0.04	21.60 0.06 0.00	20.31 0.00 0.00	18.68 -0.04 -0.05
ELEC_TRO_TEK 24086	20.73 1.19 0.00	18.53 1.02 0.00	18.09 0.89 -0.07	18.22 0.70 -2.54	17.88 0.70 -2.19	18.59 0.89 0.00	19.69 1.01 -0.37	20.04 1.00 -2.28	20.51 0.85 -4.39	21.09 0.92 -4.85	20.81 0.95 -4.72	20.55 0.95 -4.44	20.98 1.03 -4.19	21.27 1.08 -3.55	23.45 1.14 -5.50	24.26 1.24 -5.02	25.22 1.70 -2.06	32.29 1.85 -7.34	32.81 1.84 -7.72	28.60 1.87 -2.39	25.68 1.69 -0.59	24.53 1.59 -1.41	23.31 1.44 -1.56	20.72 1.25 -0.80
ELLENBURG_WT_PWR 323604	19.81 0.27 0.00	17.71 0.19 0.00	17.30 0.17 0.00	15.16 0.18 0.00	15.12 0.13 0.00	17.84 0.14 0.00	18.48 0.16 0.00	16.95 0.20 0.00	15.49 0.23 0.00	15.64 0.32 0.00	15.43 0.29 0.00	15.41 0.26 0.00	15.94 0.17 0.00	16.69 0.05 0.00	16.74 -0.07 0.00	17.87 -0.13 0.00	21.27 -0.19 0.00	22.83 -0.28 0.00	22.88 -0.37 0.00	23.77 -0.56 0.00	22.79 -0.61 0.00	21.04 -0.49 0.00	19.88 -0.43 0.00	18.28 -0.39 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	19.50 -0.04 0.00	17.53 0.02 0.00	17.20 0.07 -0.01	15.17 -0.01 -0.20	15.16 0.00 -0.17	17.79 0.09 0.00	18.11 -0.24 -0.03	16.53 -0.40 -0.18	15.31 -0.34 -0.38	15.30 -0.44 -0.42	15.21 -0.33 -0.41	15.25 -0.29 -0.38	15.88 -0.25 -0.36	16.74 -0.18 -0.28	16.86 -0.18 -0.24	18.04 -0.16 -0.21	21.28 -0.36 -0.18	23.39 -0.18 -0.47	23.39 -0.28 -0.41	24.20 -0.34 -0.20	23.38 -0.07 -0.05	21.47 -0.06 0.00	20.23 -0.08 0.00	18.57 -0.17 -0.07
EMPIRE_CC_1 323656	20.07 0.53 0.00	18.03 0.51 0.00	17.72 0.50 -0.09	18.55 0.42 -3.15	18.13 0.42 -2.72	18.22 0.51 0.00	19.31 0.53 -0.46	20.00 0.42 -2.83	21.03 0.32 -5.45	21.60 0.26 -6.02	21.28 0.29 -5.85	20.93 0.29 -5.49	21.26 0.30 -5.19	21.02 0.32 -4.07	20.53 0.32 -3.40	21.33 0.32 -3.01	24.45 0.45 -2.53	30.42 0.51 -6.80	29.68 0.51 -5.91	27.81 0.53 -2.94	24.65 0.54 -0.71	21.98 0.45 0.00	20.80 0.49 0.00	20.20 0.54 -0.99

EMPIRE_CC_2 323658	20.07 0.53 0.00	18.03 0.51 0.00	17.72 0.50 -0.09	18.55 0.42 -3.15	18.13 0.42 -2.72	18.22 0.51 0.00	19.31 0.53 -0.46	20.00 0.42 -2.83	21.03 0.32 -5.45	21.60 0.26 -6.02	21.28 0.29 -5.85	20.93 0.29 -5.49	21.26 0.30 -5.19	21.02 0.32 -4.07	20.53 0.32 -3.40	21.33 0.32 -3.01	24.45 0.45 -2.53	30.42 0.51 -6.80	29.68 0.51 -5.91	27.81 0.53 -2.94	24.65 0.54 -0.71	21.98 0.45 0.00	20.80 0.49 0.00	20.20 0.54 -0.99
ENORWICH_115KV_TB1 80156	20.79 1.25 0.00	18.60 1.09 0.00	18.13 0.99 -0.01	16.22 0.84 -0.40	16.23 0.90 -0.35	18.82 1.12 0.00	19.47 1.10 -0.06	18.16 1.06 -0.36	16.79 0.81 -0.71	16.82 0.70 -0.79	16.53 0.62 -0.77	16.45 0.58 -0.72	17.00 0.55 -0.68	17.80 0.63 -0.53	17.88 0.62 -0.45	19.09 0.70 -0.39	22.85 1.05 -0.33	25.36 1.36 -0.89	25.68 1.65 -0.78	26.69 1.97 -0.39	25.37 1.87 -0.09	23.15 1.61 0.00	21.71 1.40 0.00	19.92 1.12 -0.13
ERIE_ST__34_KV_TB1-2 80199	19.60 0.06 0.00	17.62 0.11 0.00	17.25 0.12 -0.01	15.04 -0.15 -0.21	15.03 -0.13 -0.18	17.88 0.18 0.00	18.00 -0.35 -0.03	16.47 -0.47 -0.19	15.27 -0.38 -0.39	15.28 -0.47 -0.43	15.18 -0.38 -0.42	15.20 -0.35 -0.39	15.81 -0.33 -0.37	16.66 -0.27 -0.29	16.80 -0.25 -0.24	17.99 -0.22 -0.22	21.26 -0.39 -0.18	23.41 -0.18 -0.49	23.38 -0.30 -0.42	24.20 -0.34 -0.21	23.36 -0.09 -0.05	21.64 0.11 0.00	20.37 0.06 0.00	18.44 -0.30 -0.07
ERIE_WT_PWR 323693	19.62 0.08 0.00	17.64 0.12 0.00	17.29 0.15 -0.01	15.20 0.01 -0.20	15.19 0.03 -0.18	17.90 0.20 0.00	18.31 -0.04 -0.03	16.60 -0.33 -0.18	15.36 -0.29 -0.39	15.37 -0.38 -0.43	15.28 -0.27 -0.41	15.30 -0.24 -0.39	15.93 -0.21 -0.37	16.79 -0.13 -0.29	16.93 -0.12 -0.24	18.10 -0.11 -0.21	21.37 -0.26 -0.16	23.48 -0.07 -0.44	23.48 -0.16 -0.38	24.30 -0.22 -0.19	23.47 0.02 -0.05	21.60 0.06 0.00	20.41 0.10 0.00	18.61 -0.13 -0.06
ESPRGFLD_115KV_TB1 80157	20.22 0.68 0.00	18.11 0.60 0.00	17.68 0.53 -0.02	16.03 0.43 -0.61	15.99 0.48 -0.53	18.30 0.60 0.00	19.01 0.60 -0.09	17.90 0.60 -0.55	16.82 0.49 -1.07	16.99 0.49 -1.18	16.75 0.47 -1.15	16.69 0.45 -1.08	17.26 0.47 -1.02	17.97 0.53 -0.80	18.01 0.54 -0.67	19.19 0.61 -0.59	22.80 0.84 -0.50	25.41 0.97 -1.33	25.48 1.07 -1.16	26.10 1.19 -0.58	24.62 1.08 -0.14	22.46 0.93 0.00	21.12 0.81 0.00	19.54 0.67 -0.19
ETNA_115_KV_TB1_REV_LBMP_C 345029	19.87 0.33 0.00	17.81 0.30 0.00	17.41 0.27 -0.01	15.48 0.22 -0.27	15.45 0.22 -0.24	18.02 0.32 0.00	18.65 0.29 -0.04	17.28 0.28 -0.25	15.91 0.14 -0.50	15.95 0.08 -0.56	15.72 0.05 -0.54	15.72 0.06 -0.51	16.30 0.05 -0.48	17.08 0.07 -0.38	17.22 0.10 -0.31	18.38 0.11 -0.28	22.04 0.34 -0.23	24.24 0.51 -0.63	24.38 0.58 -0.55	25.29 0.68 -0.27	24.12 0.66 -0.07	22.11 0.58 0.00	20.80 0.49 0.00	19.10 0.34 -0.09
ETNA_____115KV_TB2 80207	19.87 0.33 0.00	17.81 0.30 0.00	17.41 0.27 -0.01	15.48 0.22 -0.27	15.45 0.22 -0.24	18.02 0.32 0.00	18.65 0.29 -0.04	17.28 0.28 -0.25	15.91 0.14 -0.50	15.95 0.08 -0.56	15.72 0.05 -0.54	15.72 0.06 -0.51	16.30 0.05 -0.48	17.08 0.07 -0.38	17.22 0.10 -0.31	18.38 0.11 -0.28	22.04 0.34 -0.23	24.24 0.51 -0.63	24.38 0.58 -0.55	25.29 0.68 -0.27	24.12 0.66 -0.07	22.11 0.58 0.00	20.80 0.49 0.00	19.10 0.34 -0.09
EUCLID__115KV_TB2 356179	19.34 -0.20 0.00	17.34 -0.18 0.00	16.96 -0.17 0.00	14.94 -0.15 -0.11	14.94 -0.13 -0.09	17.54 -0.16 0.00	18.17 -0.16 -0.02	16.68 -0.17 -0.10	15.18 -0.31 -0.22	15.22 -0.34 -0.24	15.05 -0.32 -0.23	15.07 -0.30 -0.22	15.66 -0.32 -0.21	16.48 -0.32 -0.16	16.64 -0.30 -0.14	17.79 -0.32 -0.12	21.37 -0.19 -0.10	23.24 -0.14 -0.27	23.37 -0.12 -0.24	24.35 -0.10 -0.12	23.36 -0.07 -0.03	21.44 -0.09 0.00	20.19 -0.12 0.00	18.56 -0.15 -0.04
E_CANADA_CAP_HY 24051	20.93 1.39 0.00	18.76 1.24 0.00	18.44 1.22 -0.10	19.38 1.06 -3.33	18.93 1.06 -2.88	19.03 1.33 0.00	20.19 1.39 -0.49	21.18 1.44 -2.99	22.08 1.05 -5.76	22.83 1.15 -6.36	22.37 1.04 -6.18	21.98 1.02 -5.80	22.30 1.04 -5.49	22.07 1.13 -4.30	21.58 1.18 -3.59	22.36 1.19 -3.18	25.84 1.70 -2.68	32.01 1.71 -7.19	31.34 1.84 -6.25	29.51 2.07 -3.11	26.28 2.13 -0.75	23.32 1.79 0.00	21.87 1.56 0.00	21.12 1.40 -1.05
E_CANADA_MHWK_HY 24050	19.68 0.14 0.00	17.64 0.12 0.00	17.21 0.09 0.00	15.04 0.06 0.00	15.06 0.08 0.00	17.77 0.07 0.00	18.35 0.04 0.00	16.73 -0.02 0.00	15.19 -0.08 0.00	15.24 -0.08 0.00	15.06 -0.08 0.00	15.05 -0.11 0.00	15.63 -0.14 0.00	16.47 -0.17 0.00	16.62 -0.18 0.00	17.79 -0.20 0.00	21.27 -0.19 0.00	22.92 -0.19 0.00	23.09 -0.16 0.00	24.19 -0.15 0.00	23.24 -0.16 0.00	21.44 -0.09 0.00	20.23 -0.08 0.00	18.62 -0.06 0.00
E_FISHKILL__LBMP 23776	20.42 0.88 0.00	18.31 0.79 0.00	17.94 0.74 -0.08	18.21 0.60 -2.63	17.87 0.61 -2.27	18.45 0.74 0.00	19.52 0.82 -0.38	19.88 0.77 -2.36	20.44 0.63 -4.55	20.97 0.63 -5.02	20.62 0.61 -4.88	20.33 0.59 -4.58	20.75 0.65 -4.33	20.72 0.68 -3.40	20.37 0.72 -2.84	21.30 0.79 -2.51	24.72 1.14 -2.11	30.03 1.25 -5.68	29.42 1.23 -4.94	28.05 1.27 -2.46	25.12 1.12 -0.59	22.59 1.05 0.00	21.22 0.91 0.00	20.37 0.88 -0.83
FALCON__SEABRD_CC1 323796	20.01 0.47 0.00	17.89 0.37 0.00	17.47 0.34 0.00	15.33 0.34 0.00	15.27 0.28 0.00	18.02 0.32 0.00	18.66 0.35 0.00	17.12 0.37 0.00	15.66 0.40 0.00	15.81 0.49 0.00	15.59 0.45 0.00	15.58 0.42 0.00	16.12 0.35 0.00	16.85 0.22 0.00	16.91 0.10 0.00	18.03 0.04 0.00	21.49 0.02 0.00	23.08 -0.02 0.00	23.12 -0.14 0.00	24.01 -0.32 0.00	23.03 -0.38 0.00	21.25 -0.28 0.00	20.09 -0.22 0.00	18.45 -0.22 0.00
FALCON__SEABRD_CC2 323797	20.01 0.47 0.00	17.89 0.37 0.00	17.47 0.34 0.00	15.33 0.34 0.00	15.27 0.28 0.00	18.02 0.32 0.00	18.66 0.35 0.00	17.12 0.37 0.00	15.66 0.40 0.00	15.81 0.49 0.00	15.59 0.45 0.00	15.58 0.42 0.00	16.12 0.35 0.00	16.85 0.22 0.00	16.91 0.10 0.00	18.03 0.04 0.00	21.49 0.02 0.00	23.08 -0.02 0.00	23.12 -0.14 0.00	24.01 -0.32 0.00	23.03 -0.38 0.00	21.25 -0.28 0.00	20.09 -0.22 0.00	18.45 -0.22 0.00
FAR ROCKAWAY__4 23548	21.00 1.47 0.00	18.78 1.26 0.00	18.32 1.11 -0.07	18.42 0.90 -2.54	18.08 0.90 -2.19	18.82 1.12 0.00	19.91 1.23 -0.37	20.24 1.21 -2.28	20.71 1.05 -4.39	21.32 1.15 -4.85	21.05 1.20 -4.72	20.80 1.20 -4.44	21.23 1.28 -4.19	21.53 1.35 -3.55	23.72 1.41 -5.50	24.54 1.53 -5.02	25.59 2.06 -2.06	32.71 2.26 -7.34	33.23 2.26 -7.72	29.03 2.31 -2.39	26.10 2.11 -0.59	24.90 1.96 -1.41	23.65 1.79 -1.56	21.02 1.55 -0.80
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	20.61 1.07 0.00	18.46 0.95 0.00	18.08 0.87 -0.07	18.22 0.70 -2.54	17.88 0.70 -2.19	18.59 0.89 0.00	19.69 1.01 -0.37	20.03 1.00 -2.28	20.48 0.82 -4.39	21.02 0.84 -4.85	20.62 0.77 -4.71	20.35 0.77 -4.42	20.81 0.85 -4.18	20.82 0.90 -3.28	20.52 0.97 -2.74	21.48 1.06 -2.43	25.03 1.52 -2.04	30.23 1.64 -5.48	29.65 1.63 -4.77	28.36 1.65 -2.37	25.38 1.40 -0.57	22.89 1.36 0.00	21.49 1.18 0.00	20.57 1.10 -0.80

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	20.61 1.07 0.00	18.48 0.96 0.00	18.08 0.87 -0.07	18.22 0.70 -2.54	17.90 0.72 -2.19	18.59 0.89 0.00	19.69 1.01 -0.37	20.03 1.00 -2.28	20.48 0.82 -4.39	21.02 0.84 -4.85	20.62 0.77 -4.71	20.37 0.79 -4.42	20.82 0.87 -4.18	20.82 0.90 -3.28	20.54 0.99 -2.74	21.48 1.06 -2.43	25.03 1.52 -2.04	30.23 1.64 -5.48	29.65 1.63 -4.77	28.36 1.65 -2.37	25.38 1.40 -0.57	22.89 1.36 0.00	21.49 1.18 0.00	20.59 1.12 -0.80
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	20.61 1.07 0.00	18.46 0.95 0.00	18.08 0.87 -0.07	18.22 0.70 -2.54	17.88 0.70 -2.19	18.57 0.87 0.00	19.69 1.01 -0.37	20.02 0.99 -2.28	20.48 0.82 -4.39	21.02 0.84 -4.85	20.61 0.76 -4.71	20.35 0.77 -4.42	20.81 0.85 -4.18	20.82 0.90 -3.28	20.52 0.97 -2.74	21.46 1.04 -2.43	25.03 1.52 -2.04	30.21 1.62 -5.48	29.63 1.60 -4.77	28.33 1.63 -2.37	25.38 1.40 -0.57	22.87 1.33 0.00	21.47 1.16 0.00	20.57 1.10 -0.80
FARRAGUT___LBMP 323566	20.59 1.06 0.00	18.45 0.93 0.00	18.06 0.86 -0.07	18.21 0.69 -2.54	17.87 0.69 -2.19	18.57 0.87 0.00	19.68 0.99 -0.37	20.02 0.99 -2.28	20.46 0.81 -4.39	21.00 0.83 -4.85	20.61 0.76 -4.71	20.34 0.76 -4.42	20.79 0.84 -4.18	20.80 0.88 -3.28	20.51 0.96 -2.74	21.46 1.04 -2.43	25.01 1.50 -2.04	30.21 1.62 -5.48	29.63 1.60 -4.77	28.31 1.61 -2.37	25.36 1.38 -0.57	22.87 1.33 0.00	21.47 1.16 0.00	20.55 1.08 -0.80
FENNER___WINDPWR 24204	19.83 0.29 0.00	17.78 0.26 0.00	17.37 0.24 0.00	15.33 0.19 -0.15	15.32 0.21 -0.13	17.99 0.28 0.00	18.63 0.29 -0.02	17.15 0.27 -0.13	15.68 0.14 -0.28	15.74 0.11 -0.31	15.53 0.09 -0.30	15.52 0.08 -0.28	16.12 0.08 -0.27	16.95 0.10 -0.21	17.09 0.10 -0.18	18.27 0.13 -0.16	21.88 0.30 -0.12	23.82 0.39 -0.32	23.97 0.44 -0.28	25.00 0.53 -0.14	23.95 0.51 -0.03	21.96 0.43 0.00	20.68 0.37 0.00	19.00 0.28 -0.05
FIBERTEK___ENERGY 23856	19.60 0.06 0.00	17.57 0.05 0.00	17.17 0.03 0.00	15.14 0.03 -0.13	15.14 0.04 -0.11	17.76 0.05 0.00	18.39 0.05 -0.02	16.93 0.07 -0.11	15.41 -0.11 -0.25	15.46 -0.14 -0.28	15.29 -0.12 -0.27	15.30 -0.11 -0.25	15.90 -0.11 -0.24	16.72 -0.10 -0.19	16.88 -0.08 -0.16	18.02 -0.11 -0.14	21.67 0.09 -0.12	23.60 0.18 -0.31	23.74 0.21 -0.27	24.74 0.27 -0.14	23.72 0.28 -0.03	21.77 0.24 0.00	20.49 0.18 0.00	18.83 0.11 -0.05
FITZPATRICK____ 23598	19.09 -0.45 0.00	17.11 -0.40 0.00	16.74 -0.39 0.00	14.71 -0.34 -0.07	14.72 -0.33 -0.06	17.31 -0.39 0.00	17.91 -0.42 -0.01	16.41 -0.40 -0.07	14.90 -0.53 -0.17	14.96 -0.55 -0.19	14.78 -0.54 -0.19	14.80 -0.53 -0.17	15.40 -0.54 -0.16	16.20 -0.57 -0.13	16.36 -0.55 -0.11	17.49 -0.59 -0.10	21.03 -0.49 -0.06	22.80 -0.46 -0.16	22.93 -0.46 -0.14	23.94 -0.46 -0.07	22.97 -0.45 -0.02	21.10 -0.43 0.00	19.90 -0.41 0.00	18.28 -0.41 -0.02
FLOWRFLD_69_KV_BK1 356044	21.12 1.58 0.00	18.88 1.37 0.00	18.40 1.20 -0.07	18.48 0.96 -2.54	18.14 0.96 -2.19	18.91 1.20 0.00	20.01 1.32 -0.37	20.34 1.31 -2.28	20.79 1.13 -4.39	21.40 1.23 -4.85	21.13 1.27 -4.72	20.87 1.27 -4.44	21.31 1.36 -4.19	21.63 1.45 -3.55	23.83 1.53 -5.50	24.71 1.69 -5.02	28.22 2.30 -4.46	32.95 2.45 -7.40	33.48 2.44 -7.78	64.17 2.55 -37.28	28.16 2.34 -2.41	25.07 2.13 -1.41	23.88 2.01 -1.56	21.15 1.68 -0.80
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	20.57 1.04 0.00	18.43 0.91 0.00	18.06 0.86 -0.07	18.22 0.69 -2.55	17.89 0.70 -2.21	18.53 0.83 0.00	19.60 0.92 -0.37	19.90 0.85 -2.29	20.35 0.67 -4.42	20.89 0.69 -4.88	20.52 0.64 -4.74	20.23 0.62 -4.45	20.64 0.66 -4.21	20.65 0.72 -3.30	20.32 0.76 -2.76	21.26 0.83 -2.44	24.74 1.22 -2.05	30.01 1.39 -5.52	29.47 1.42 -4.79	28.18 1.46 -2.39	25.27 1.29 -0.58	22.74 1.21 0.00	21.32 1.02 0.00	20.44 0.97 -0.80
FORT ORANGE____ 23900	19.99 0.45 0.00	17.99 0.47 0.00	17.70 0.48 -0.09	18.60 0.39 -3.23	18.16 0.39 -2.79	18.20 0.49 0.00	19.28 0.49 -0.47	20.10 0.45 -2.90	21.14 0.29 -5.59	21.74 0.24 -6.17	21.42 0.29 -6.00	21.07 0.29 -5.63	21.39 0.30 -5.32	21.14 0.33 -4.17	20.63 0.34 -3.49	21.44 0.36 -3.09	24.57 0.51 -2.60	30.63 0.55 -6.97	29.90 0.58 -6.06	28.00 0.66 -3.02	24.79 0.65 -0.73	22.05 0.52 0.00	20.80 0.49 0.00	20.17 0.48 -1.01
FORT_DRUM_COGEN 23780	19.70 0.16 0.00	17.62 0.11 0.00	17.18 0.05 0.00	15.10 0.04 -0.07	15.13 0.09 -0.06	17.83 0.12 0.00	18.49 0.16 -0.01	17.01 0.20 -0.06	15.46 0.06 -0.14	15.49 0.02 -0.15	15.25 -0.03 -0.15	15.22 -0.08 -0.14	15.77 -0.13 -0.13	16.62 -0.12 -0.10	16.76 -0.13 -0.08	17.98 -0.09 -0.07	21.59 0.06 -0.06	23.48 0.21 -0.17	23.77 0.37 -0.15	24.94 0.54 -0.07	23.89 0.47 -0.02	21.85 0.32 0.00	20.57 0.26 0.00	18.83 0.13 -0.02
FPL_FAR_ROCK_GT1 24212	21.01 1.47 0.00	18.78 1.26 0.00	18.32 1.11 -0.08	18.42 0.90 -2.54	18.08 0.90 -2.20	18.82 1.12 0.00	19.94 1.25 -0.37	20.24 1.21 -2.28	20.73 1.07 -4.40	21.33 1.15 -4.86	21.05 1.20 -4.72	20.80 1.20 -4.45	21.24 1.28 -4.19	21.54 1.35 -3.55	23.72 1.41 -5.50	24.55 1.53 -5.03	25.59 2.06 -2.06	32.68 2.24 -7.34	33.21 2.23 -7.72	29.04 2.31 -2.39	26.11 2.11 -0.60	24.90 1.96 -1.41	23.64 1.77 -1.56	21.02 1.55 -0.80
FPL_FAR_ROCK_GT2 23815	21.01 1.47 0.00	18.78 1.26 0.00	18.32 1.11 -0.08	18.42 0.90 -2.54	18.08 0.90 -2.20	18.82 1.12 0.00	19.94 1.25 -0.37	20.24 1.21 -2.28	20.73 1.07 -4.40	21.33 1.15 -4.86	21.05 1.20 -4.72	20.80 1.20 -4.45	21.24 1.28 -4.19	21.54 1.35 -3.55	23.72 1.41 -5.50	24.55 1.53 -5.03	25.59 2.06 -2.06	32.68 2.24 -7.34	33.21 2.23 -7.72	29.04 2.31 -2.39	26.11 2.11 -0.60	24.90 1.96 -1.41	23.64 1.77 -1.56	21.02 1.55 -0.80
FRANKLIN_FALL_HYD 24054	19.73 0.20 0.00	17.64 0.12 0.00	17.23 0.10 0.00	15.13 0.15 0.00	15.07 0.09 0.00	17.79 0.09 0.00	18.46 0.15 0.00	16.93 0.18 0.00	15.51 0.24 0.00	15.67 0.35 0.00	15.47 0.33 0.00	15.46 0.30 0.00	16.01 0.24 0.00	16.75 0.12 0.00	16.84 0.03 0.00	17.96 -0.04 0.00	21.42 -0.04 0.00	22.99 -0.12 0.00	23.05 -0.21 0.00	23.97 -0.36 0.00	23.01 -0.40 0.00	21.21 -0.32 0.00	20.02 -0.28 0.00	18.37 -0.30 0.00
FREEPORT_EQUS_GT1 23764	20.89 1.35 0.00	18.67 1.16 0.00	18.21 1.01 -0.07	18.33 0.81 -2.54	17.99 0.81 -2.19	18.73 1.03 0.00	19.82 1.14 -0.37	20.15 1.12 -2.28	20.65 0.99 -4.39	21.23 1.06 -4.85	20.95 1.09 -4.72	20.69 1.09 -4.44	21.14 1.18 -4.19	21.44 1.25 -3.55	23.60 1.29 -5.50	24.42 1.40 -5.02	25.46 1.93 -2.06	32.54 2.10 -7.33	33.06 2.09 -7.72	28.86 2.14 -2.39	25.94 1.94 -0.59	24.75 1.81 -1.41	23.53 1.67 -1.56	20.91 1.44 -0.80
FREEPORT___CT2 23818	20.89 1.35 0.00	18.67 1.16 0.00	18.21 1.01 -0.07	18.33 0.81 -2.54	17.99 0.81 -2.19	18.73 1.03 0.00	19.82 1.14 -0.37	20.15 1.12 -2.28	20.65 0.99 -4.39	21.23 1.06 -4.85	20.95 1.09 -4.72	20.69 1.09 -4.44	21.14 1.18 -4.19	21.44 1.25 -3.55	23.60 1.29 -5.50	24.42 1.40 -5.02	25.46 1.93 -2.06	32.54 2.10 -7.33	33.06 2.09 -7.72	28.86 2.14 -2.39	25.94 1.94 -0.59	24.75 1.81 -1.41	23.53 1.67 -1.56	20.91 1.44 -0.80

FRESHKLS_33_KV_LOAD 356253	20.44 0.90 0.00	18.31 0.79 0.00	17.89 0.69 -0.07	18.04 0.52 -2.54	17.72 0.54 -2.19	18.38 0.67 0.00	19.49 0.81 -0.37	19.87 0.84 -2.28	20.34 0.69 -4.39	20.89 0.72 -4.85	20.50 0.65 -4.71	20.25 0.67 -4.42	20.70 0.74 -4.18	20.70 0.78 -3.28	20.42 0.87 -2.74	21.37 0.95 -2.43	24.97 1.46 -2.04	30.19 1.59 -5.48	29.60 1.58 -4.77	28.31 1.61 -2.37	25.26 1.29 -0.57	22.78 1.25 0.00	21.34 1.04 0.00	20.42 0.95 -0.80
FULTON COGEN____ 23766	19.70 0.16 0.00	17.66 0.14 0.00	17.27 0.14 0.00	15.21 0.12 -0.11	15.20 0.12 -0.09	17.86 0.16 0.00	18.51 0.18 -0.02	17.03 0.18 -0.09	15.49 0.02 -0.21	15.54 -0.02 -0.24	15.35 -0.02 -0.23	15.39 0.02 -0.22	15.97 0.00 -0.20	16.81 0.02 -0.16	16.96 0.02 -0.13	18.09 -0.02 -0.12	21.78 0.21 -0.10	23.72 0.35 -0.27	23.88 0.40 -0.23	24.93 0.49 -0.12	23.90 0.47 -0.03	21.94 0.41 0.00	20.65 0.35 0.00	18.95 0.24 -0.04
FULTON____LFGE 323630	21.34 1.80 0.00	19.11 1.59 0.00	18.78 1.56 -0.10	19.67 1.36 -3.33	19.23 1.36 -2.88	19.42 1.72 0.00	20.58 1.78 -0.49	21.65 1.91 -2.99	22.38 1.36 -5.76	23.20 1.52 -6.36	22.65 1.33 -6.18	22.25 1.29 -5.80	22.57 1.31 -5.49	22.45 1.51 -4.30	21.98 1.58 -3.59	22.86 1.69 -3.18	26.54 2.40 -2.68	32.63 2.33 -7.19	32.06 2.56 -6.25	30.31 2.87 -3.11	27.15 3.00 -0.75	23.86 2.33 0.00	22.32 2.01 0.00	21.49 1.77 -1.05
G.F.CEMENT____DRP 24184	20.73 1.19 0.00	18.60 1.09 0.00	18.34 1.11 -0.10	19.25 0.96 -3.30	18.80 0.96 -2.86	18.89 1.19 0.00	20.04 1.25 -0.48	20.99 1.27 -2.97	21.96 0.98 -5.72	22.77 1.13 -6.32	22.29 1.01 -6.14	21.91 0.99 -5.76	22.20 0.98 -5.45	21.86 0.95 -4.27	21.32 0.94 -3.57	22.14 0.99 -3.16	25.48 1.35 -2.66	31.61 1.36 -7.14	30.91 1.44 -6.21	29.05 1.63 -3.09	26.05 1.90 -0.75	22.99 1.46 0.00	21.73 1.42 0.00	21.00 1.29 -1.04
GARDENVILLE____LBMP 24039	19.56 0.02 0.00	17.59 0.07 0.00	17.24 0.10 -0.01	15.17 -0.01 -0.20	15.16 0.00 -0.18	17.84 0.14 0.00	18.13 -0.22 -0.03	16.55 -0.39 -0.18	15.33 -0.32 -0.39	15.33 -0.41 -0.43	15.25 -0.30 -0.41	15.27 -0.27 -0.39	15.90 -0.24 -0.37	16.76 -0.17 -0.29	16.88 -0.17 -0.24	18.06 -0.14 -0.21	21.32 -0.32 -0.18	23.45 -0.14 -0.48	23.44 -0.23 -0.42	24.27 -0.27 -0.21	23.43 -0.02 -0.05	21.53 0.00 0.00	20.29 -0.02 0.00	18.57 -0.17 -0.07
GARDNVLA_35_KV_LD 355827	19.64 0.10 0.00	17.64 0.12 0.00	17.31 0.17 -0.01	15.22 0.03 -0.20	15.21 0.04 -0.18	17.90 0.19 0.00	18.18 -0.16 -0.03	16.62 -0.32 -0.18	15.39 -0.26 -0.39	15.40 -0.35 -0.43	15.30 -0.26 -0.42	15.33 -0.21 -0.39	15.97 -0.17 -0.37	16.81 -0.12 -0.29	16.95 -0.10 -0.24	18.13 -0.07 -0.21	21.41 -0.24 -0.18	23.54 -0.05 -0.48	23.54 -0.14 -0.42	24.35 -0.19 -0.21	23.52 0.07 -0.05	21.64 0.11 0.00	20.37 0.06 0.00	18.63 -0.11 -0.07
GELCKHM__115KV_LOAD 80723	19.44 -0.10 0.00	17.43 -0.09 0.00	17.03 -0.10 0.00	15.02 -0.07 -0.11	15.01 -0.07 -0.10	17.61 -0.09 0.00	18.24 -0.09 -0.02	16.77 -0.08 -0.10	15.26 -0.23 -0.23	15.31 -0.26 -0.25	15.13 -0.26 -0.25	15.16 -0.23 -0.23	15.75 -0.24 -0.22	16.58 -0.23 -0.17	16.73 -0.22 -0.14	17.87 -0.25 -0.13	21.49 -0.09 -0.11	23.37 -0.02 -0.29	23.50 0.00 -0.25	24.50 0.05 -0.12	23.48 0.05 -0.03	21.55 0.02 0.00	20.29 -0.02 0.00	18.66 -0.06 -0.04
GENERAL____MILLS 23808	19.60 0.06 0.00	17.62 0.11 0.00	17.27 0.14 -0.01	15.19 0.00 -0.20	15.18 0.01 -0.18	17.88 0.18 0.00	18.14 -0.20 -0.03	16.58 -0.35 -0.18	15.36 -0.29 -0.39	15.37 -0.38 -0.43	15.27 -0.29 -0.41	15.30 -0.24 -0.39	15.93 -0.21 -0.37	16.78 -0.15 -0.29	16.92 -0.13 -0.24	18.10 -0.11 -0.21	21.37 -0.28 -0.18	23.50 -0.09 -0.48	23.49 -0.19 -0.42	24.30 -0.24 -0.21	23.48 0.02 -0.05	21.60 0.06 0.00	20.33 0.02 0.00	18.61 -0.13 -0.07
GE_PLASTICS____DRP 24183	20.01 0.47 0.00	17.99 0.47 0.00	17.70 0.48 -0.09	18.63 0.40 -3.24	18.19 0.40 -2.81	18.20 0.50 0.00	19.28 0.49 -0.47	20.12 0.45 -2.92	21.20 0.32 -5.62	21.82 0.29 -6.20	21.47 0.30 -6.03	21.13 0.32 -5.66	21.45 0.33 -5.35	21.20 0.37 -4.20	20.68 0.37 -3.50	21.47 0.38 -3.10	24.61 0.54 -2.61	30.72 0.60 -7.01	29.96 0.60 -6.10	28.02 0.66 -3.03	24.77 0.63 -0.73	22.07 0.54 0.00	20.82 0.51 0.00	20.18 0.49 -1.02
GILBOA____1 23756	20.18 0.64 0.00	18.11 0.60 0.00	17.89 0.67 -0.09	18.77 0.64 -3.15	18.35 0.64 -2.72	18.39 0.69 0.00	19.42 0.64 -0.46	20.15 0.57 -2.83	21.15 0.44 -5.45	21.78 0.44 -6.02	21.43 0.44 -5.85	21.09 0.44 -5.49	21.42 0.46 -5.19	21.19 0.48 -4.07	20.71 0.50 -3.40	21.54 0.54 -3.01	24.77 0.77 -2.53	30.76 0.86 -6.80	30.03 0.86 -5.91	28.17 0.90 -2.94	24.96 0.84 -0.71	22.28 0.75 0.00	20.96 0.65 0.00	20.31 0.65 -0.99
GILBOA____2 23757	20.18 0.64 0.00	18.11 0.60 0.00	17.89 0.67 -0.09	18.77 0.64 -3.15	18.35 0.64 -2.72	18.39 0.69 0.00	19.42 0.64 -0.46	20.15 0.57 -2.83	21.15 0.44 -5.45	21.78 0.44 -6.02	21.43 0.44 -5.85	21.09 0.44 -5.49	21.42 0.46 -5.19	21.19 0.48 -4.07	20.71 0.50 -3.40	21.54 0.54 -3.01	24.77 0.77 -2.53	30.76 0.86 -6.80	30.03 0.86 -5.91	28.17 0.90 -2.94	24.96 0.84 -0.71	22.28 0.75 0.00	20.96 0.65 0.00	20.31 0.65 -0.99
GILBOA____3 23758	20.18 0.64 0.00	18.11 0.60 0.00	17.89 0.67 -0.09	18.77 0.64 -3.15	18.35 0.64 -2.72	18.39 0.69 0.00	19.42 0.64 -0.46	20.15 0.57 -2.83	21.15 0.44 -5.45	21.78 0.44 -6.02	21.43 0.44 -5.85	21.09 0.44 -5.49	21.42 0.46 -5.19	21.19 0.48 -4.07	20.71 0.50 -3.40	21.54 0.54 -3.01	24.77 0.77 -2.53	30.76 0.86 -6.80	30.03 0.86 -5.91	28.17 0.90 -2.94	24.96 0.84 -0.71	22.28 0.75 0.00	20.96 0.65 0.00	20.31 0.65 -0.99
GILBOA____4 23759	20.18 0.64 0.00	18.11 0.60 0.00	17.89 0.67 -0.09	18.77 0.64 -3.15	18.35 0.64 -2.72	18.39 0.69 0.00	19.42 0.64 -0.46	20.15 0.57 -2.83	21.15 0.44 -5.45	21.78 0.44 -6.02	21.43 0.44 -5.85	21.09 0.44 -5.49	21.42 0.46 -5.19	21.19 0.48 -4.07	20.71 0.50 -3.40	21.54 0.54 -3.01	24.77 0.77 -2.53	30.76 0.86 -6.80	30.03 0.86 -5.91	28.17 0.90 -2.94	24.96 0.84 -0.71	22.28 0.75 0.00	20.96 0.65 0.00	20.31 0.65 -0.99
GILBOA____ 23599	20.18 0.64 0.00	18.11 0.60 0.00	17.89 0.67 -0.09	18.78 0.64 -3.15	18.35 0.64 -2.72	18.39 0.69 0.00	19.40 0.62 -0.46	20.15 0.57 -2.83	21.15 0.44 -5.45	21.78 0.44 -6.02	21.43 0.44 -5.85	21.09 0.44 -5.49	21.42 0.46 -5.19	21.19 0.48 -4.07	20.71 0.50 -3.40	21.54 0.54 -3.01	24.77 0.77 -2.53	30.77 0.85 -6.80	30.03 0.86 -5.91	28.17 0.90 -2.94	24.96 0.84 -0.71	22.28 0.75 0.00	20.98 0.67 0.00	20.31 0.65 -0.99
GINNA____ 23603	18.64 -0.90 0.00	16.68 -0.84 0.00	16.31 -0.82 0.00	14.47 -0.66 -0.14	14.47 -0.64 -0.13	16.87 -0.83 0.00	17.40 -0.93 -0.02	16.03 -0.85 -0.13	14.69 -0.85 -0.28	14.72 -0.92 -0.31	14.58 -0.86 -0.30	14.59 -0.85 -0.29	15.19 -0.85 -0.27	15.98 -0.87 -0.21	16.15 -0.84 -0.18	17.25 -0.90 -0.16	20.57 -1.01 -0.12	22.49 -0.92 -0.31	22.60 -0.93 -0.27	23.49 -0.97 -0.13	22.59 -0.84 -0.03	20.61 -0.93 0.00	19.44 -0.87 0.00	17.90 -0.82 -0.05

GLEN PARK____ 23778	19.79 0.25 0.00	17.71 0.19 0.00	17.27 0.14 0.00	15.17 0.12 -0.07	15.21 0.17 -0.06	17.92 0.21 0.00	18.58 0.26 -0.01	17.10 0.28 -0.06	15.54 0.14 -0.14	15.57 0.09 -0.15	15.32 0.03 -0.15	15.28 -0.02 -0.14	15.84 -0.06 -0.13	16.68 -0.07 -0.10	16.83 -0.07 -0.09	18.05 -0.02 -0.08	21.69 0.17 -0.05	23.60 0.35 -0.14	23.92 0.54 -0.13	25.12 0.73 -0.06	24.05 0.63 -0.02	21.98 0.45 0.00	20.69 0.38 0.00	18.93 0.24 -0.02
GLENDAL_27_KV_LOAD 356172	20.67 1.13 0.00	18.53 1.02 0.00	18.11 0.91 -0.07	18.25 0.73 -2.54	17.91 0.73 -2.19	18.62 0.92 0.00	19.73 1.04 -0.37	20.08 1.06 -2.28	20.54 0.89 -4.39	21.08 0.90 -4.85	20.69 0.83 -4.71	20.43 0.85 -4.42	20.89 0.93 -4.18	20.90 0.98 -3.28	20.63 1.08 -2.74	21.57 1.15 -2.43	25.16 1.65 -2.04	30.39 1.80 -5.48	29.81 1.79 -4.77	28.50 1.80 -2.37	25.52 1.54 -0.57	22.99 1.46 0.00	21.57 1.26 0.00	20.64 1.18 -0.80
GLENWOOD_IC_1_G5 23712	20.75 1.21 0.00	18.57 1.05 0.00	18.14 0.94 -0.07	18.28 0.76 -2.54	17.94 0.76 -2.19	18.66 0.96 0.00	19.75 1.06 -0.37	20.07 1.04 -2.28	20.54 0.89 -4.39	21.12 0.95 -4.85	20.82 0.97 -4.72	20.57 0.97 -4.44	21.00 1.04 -4.19	21.28 1.10 -3.55	23.46 1.16 -5.50	24.27 1.26 -5.02	25.24 1.72 -2.06	32.34 1.89 -7.34	32.86 1.88 -7.72	28.62 1.90 -2.39	25.70 1.71 -0.59	24.53 1.59 -1.41	23.29 1.42 -1.56	20.74 1.27 -0.80
GLENWOOD_IC_2_G1 23688	20.65 1.11 0.00	18.50 0.98 0.00	18.09 0.89 -0.07	18.24 0.72 -2.54	17.90 0.72 -2.19	18.59 0.88 0.00	19.69 1.01 -0.37	20.00 0.97 -2.28	20.48 0.82 -4.39	21.03 0.86 -4.85	20.72 0.86 -4.72	20.46 0.86 -4.44	20.89 0.93 -4.19	21.17 0.98 -3.55	23.35 1.04 -5.50	24.15 1.13 -5.02	25.11 1.59 -2.06	32.15 1.71 -7.33	32.67 1.70 -7.71	28.47 1.75 -2.39	25.56 1.57 -0.59	24.41 1.46 -1.41	23.14 1.28 -1.56	20.63 1.16 -0.80
GLENWOOD_IC_3_G1 23689	20.65 1.11 0.00	18.50 0.98 0.00	18.09 0.89 -0.07	18.24 0.72 -2.54	17.90 0.72 -2.19	18.59 0.88 0.00	19.69 1.01 -0.37	20.00 0.97 -2.28	20.48 0.82 -4.39	21.03 0.86 -4.85	20.72 0.86 -4.72	20.46 0.86 -4.44	20.89 0.93 -4.19	21.17 0.98 -3.55	23.35 1.04 -5.50	24.15 1.13 -5.02	25.11 1.59 -2.06	32.15 1.71 -7.33	32.67 1.70 -7.71	28.47 1.75 -2.39	25.56 1.57 -0.59	24.41 1.46 -1.41	23.14 1.28 -1.56	20.63 1.16 -0.80
GLENWOOD____4 23550	20.75 1.21 0.00	18.57 1.05 0.00	18.14 0.94 -0.07	18.28 0.76 -2.54	17.94 0.76 -2.19	18.66 0.96 0.00	19.75 1.06 -0.37	20.07 1.04 -2.28	20.54 0.89 -4.39	21.12 0.95 -4.85	20.82 0.97 -4.72	20.57 0.97 -4.44	21.00 1.04 -4.19	21.28 1.10 -3.55	23.46 1.16 -5.50	24.27 1.26 -5.02	25.24 1.72 -2.06	32.34 1.89 -7.34	32.86 1.88 -7.72	28.62 1.90 -2.39	25.70 1.71 -0.59	24.53 1.59 -1.41	23.29 1.42 -1.56	20.74 1.27 -0.80
GLENWOOD____5 23614	20.75 1.21 0.00	18.57 1.05 0.00	18.14 0.94 -0.07	18.28 0.76 -2.54	17.94 0.76 -2.19	18.66 0.96 0.00	19.75 1.06 -0.37	20.07 1.04 -2.28	20.54 0.89 -4.39	21.12 0.95 -4.85	20.82 0.97 -4.72	20.57 0.97 -4.44	21.00 1.04 -4.19	21.28 1.10 -3.55	23.46 1.16 -5.50	24.27 1.26 -5.02	25.24 1.72 -2.06	32.34 1.89 -7.34	32.86 1.88 -7.72	28.62 1.90 -2.39	25.70 1.71 -0.59	24.53 1.59 -1.41	23.29 1.42 -1.56	20.74 1.27 -0.80
GLOBAL GREEN_PORT_GT1 23814	21.80 2.27 0.00	19.48 1.96 0.00	18.97 1.76 -0.07	18.96 1.44 -2.54	18.63 1.45 -2.19	19.49 1.79 0.00	20.63 1.94 -0.37	20.90 1.88 -2.28	21.33 1.68 -4.39	21.95 1.78 -4.85	21.68 1.83 -4.72	21.42 1.82 -4.44	21.86 1.91 -4.19	22.23 2.05 -3.55	24.49 2.18 -5.49	25.45 2.43 -5.03	29.09 3.30 -4.32	34.17 3.65 -7.41	34.70 3.65 -7.79	63.09 3.75 -35.01	29.18 3.46 -2.32	26.00 3.06 -1.41	24.69 2.82 -1.56	21.84 2.37 -0.80
GLOBE____DSASP 323697	18.95 -0.59 0.00	17.03 -0.49 0.00	16.91 -0.22 -0.01	14.98 -0.19 -0.19	14.97 -0.18 -0.16	17.30 -0.41 0.00	17.72 -0.62 -0.03	16.08 -0.84 -0.17	14.89 -0.73 -0.36	14.89 -0.83 -0.40	14.81 -0.71 -0.39	14.87 -0.65 -0.36	15.48 -0.63 -0.34	16.32 -0.58 -0.27	16.44 -0.59 -0.22	17.56 -0.63 -0.20	20.69 -0.94 -0.17	22.75 -0.81 -0.45	22.71 -0.93 -0.39	23.50 -1.02 -0.19	22.72 -0.73 -0.05	20.78 -0.75 0.00	19.60 -0.71 0.00	18.23 -0.50 -0.07
GOETHSLN____LBMP 323567	20.54 1.00 0.00	18.39 0.88 0.00	18.01 0.81 -0.07	18.16 0.64 -2.54	17.82 0.64 -2.19	18.52 0.81 0.00	19.62 0.93 -0.37	19.97 0.94 -2.28	20.42 0.76 -4.39	20.95 0.78 -4.85	20.56 0.71 -4.71	20.29 0.71 -4.42	20.74 0.79 -4.18	20.72 0.80 -3.28	20.46 0.91 -2.74	21.37 0.95 -2.43	24.92 1.42 -2.04	30.09 1.50 -5.48	29.51 1.49 -4.77	28.21 1.51 -2.37	25.24 1.26 -0.57	22.76 1.23 0.00	21.37 1.06 0.00	20.50 1.03 -0.80
GOLAH____69_KV_TB 1_2 80279	19.66 0.12 0.00	17.64 0.12 0.00	17.27 0.14 0.00	15.30 0.16 -0.15	15.31 0.19 -0.13	17.86 0.16 0.00	18.36 0.02 -0.02	16.77 0.02 -0.14	15.43 -0.14 -0.30	15.45 -0.20 -0.33	15.29 -0.17 -0.32	15.31 -0.15 -0.30	15.96 -0.09 -0.29	16.83 -0.03 -0.22	16.96 -0.03 -0.19	18.14 -0.02 -0.17	21.54 -0.06 -0.14	23.62 0.14 -0.37	23.67 0.09 -0.33	24.59 0.10 -0.16	23.68 0.23 -0.04	21.57 0.04 0.00	20.35 0.04 0.00	18.78 0.06 -0.05
GOODYEAR_LAKE_HYD 323669	20.14 0.61 0.00	18.06 0.54 0.00	17.63 0.48 -0.02	15.98 0.39 -0.61	15.93 0.42 -0.53	18.23 0.53 0.00	18.94 0.53 -0.09	17.83 0.54 -0.55	16.74 0.41 -1.07	16.91 0.41 -1.18	16.68 0.39 -1.15	16.61 0.38 -1.08	17.18 0.39 -1.02	17.88 0.45 -0.80	17.93 0.45 -0.67	19.09 0.50 -0.59	22.69 0.73 -0.50	25.29 0.85 -1.33	25.34 0.93 -1.16	25.93 1.02 -0.58	24.48 0.94 -0.14	22.35 0.82 0.00	21.02 0.71 0.00	19.46 0.60 -0.19
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	19.70 0.16 0.00	17.67 0.16 0.00	17.28 0.14 -0.01	15.45 0.07 -0.39	15.40 0.07 -0.34	17.86 0.16 0.00	18.45 0.07 -0.06	17.17 0.07 -0.35	15.95 -0.02 -0.70	16.04 -0.06 -0.78	15.83 -0.06 -0.75	15.82 -0.05 -0.71	16.41 -0.03 -0.67	17.15 -0.02 -0.52	17.25 0.00 -0.44	18.40 0.02 -0.39	21.92 0.13 -0.33	24.26 0.28 -0.88	24.30 0.28 -0.76	25.00 0.29 -0.38	23.82 0.33 -0.09	21.85 0.32 0.00	20.57 0.26 0.00	18.91 0.11 -0.13
GOUDEY____7 23579	19.71 0.18 0.00	17.67 0.16 0.00	17.29 0.15 -0.01	15.47 0.09 -0.39	15.41 0.09 -0.34	17.88 0.18 0.00	18.47 0.09 -0.06	17.17 0.07 -0.35	15.97 0.00 -0.70	16.05 -0.05 -0.78	15.85 -0.05 -0.75	15.83 -0.03 -0.71	16.42 -0.02 -0.67	17.16 0.00 -0.52	17.26 0.02 -0.44	18.42 0.04 -0.39	21.94 0.15 -0.33	24.28 0.30 -0.88	24.30 0.28 -0.76	25.03 0.32 -0.38	23.85 0.35 -0.09	21.87 0.34 0.00	20.59 0.28 0.00	18.93 0.13 -0.13
GOUDEY____8 23580	19.70 0.16 0.00	17.67 0.16 0.00	17.28 0.14 -0.01	15.45 0.07 -0.39	15.40 0.07 -0.34	17.86 0.16 0.00	18.45 0.07 -0.06	17.17 0.07 -0.35	15.95 -0.02 -0.70	16.04 -0.06 -0.78	15.83 -0.06 -0.75	15.82 -0.05 -0.71	16.41 -0.03 -0.67	17.15 -0.02 -0.52	17.25 0.00 -0.44	18.40 0.02 -0.39	21.92 0.13 -0.33	24.26 0.28 -0.88	24.30 0.28 -0.76	25.00 0.29 -0.38	23.82 0.33 -0.09	21.85 0.32 0.00	20.57 0.26 0.00	18.91 0.11 -0.13

GOWANUS_GT1_1 24077	20.59 1.06 0.00	18.45 0.93 0.00	18.02 0.82 -0.07	18.18 0.66 -2.54	17.84 0.66 -2.19	18.52 0.81 0.00	19.64 0.95 -0.37	20.00 0.97 -2.28	20.46 0.81 -4.39	21.02 0.84 -4.85	20.62 0.77 -4.71	20.37 0.79 -4.42	20.82 0.87 -4.18	20.83 0.92 -3.28	20.56 1.01 -2.74	21.52 1.10 -2.43	25.09 1.59 -2.04	30.32 1.73 -5.48	29.74 1.72 -4.77	28.46 1.75 -2.37	25.43 1.45 -0.57	22.93 1.40 0.00	21.49 1.18 0.00	20.57 1.10 -0.80
GOWANUS_GT1_2 24078	20.59 1.06 0.00	18.45 0.93 0.00	18.02 0.82 -0.07	18.18 0.66 -2.54	17.84 0.66 -2.19	18.52 0.81 0.00	19.64 0.95 -0.37	20.00 0.97 -2.28	20.46 0.81 -4.39	21.02 0.84 -4.85	20.62 0.77 -4.71	20.37 0.79 -4.42	20.82 0.87 -4.18	20.83 0.92 -3.28	20.56 1.01 -2.74	21.52 1.10 -2.43	25.09 1.59 -2.04	30.32 1.73 -5.48	29.74 1.72 -4.77	28.46 1.75 -2.37	25.43 1.45 -0.57	22.93 1.40 0.00	21.49 1.18 0.00	20.57 1.10 -0.80
GOWANUS_GT1_3 24079	20.59 1.06 0.00	18.45 0.93 0.00	18.02 0.82 -0.07	18.18 0.66 -2.54	17.84 0.66 -2.19	18.52 0.81 0.00	19.64 0.95 -0.37	20.00 0.97 -2.28	20.46 0.81 -4.39	21.02 0.84 -4.85	20.62 0.77 -4.71	20.37 0.79 -4.42	20.82 0.87 -4.18	20.83 0.92 -3.28	20.56 1.01 -2.74	21.52 1.10 -2.43	25.09 1.59 -2.04	30.32 1.73 -5.48	29.74 1.72 -4.77	28.46 1.75 -2.37	25.43 1.45 -0.57	22.93 1.40 0.00	21.49 1.18 0.00	20.57 1.10 -0.80
GOWANUS_GT1_4 24080	20.59 1.06 0.00	18.45 0.93 0.00	18.02 0.82 -0.07	18.18 0.66 -2.54	17.84 0.66 -2.19	18.52 0.81 0.00	19.64 0.95 -0.37	20.00 0.97 -2.28	20.46 0.81 -4.39	21.02 0.84 -4.85	20.62 0.77 -4.71	20.37 0.79 -4.42	20.82 0.87 -4.18	20.83 0.92 -3.28	20.56 1.01 -2.74	21.52 1.10 -2.43	25.09 1.59 -2.04	30.32 1.73 -5.48	29.74 1.72 -4.77	28.46 1.75 -2.37	25.43 1.45 -0.57	22.93 1.40 0.00	21.49 1.18 0.00	20.57 1.10 -0.80
GOWANUS_GT1_5 24084	20.59 1.06 0.00	18.45 0.93 0.00	18.02 0.82 -0.07	18.18 0.66 -2.54	17.84 0.66 -2.19	18.52 0.81 0.00	19.64 0.95 -0.37	20.00 0.97 -2.28	20.46 0.81 -4.39	21.02 0.84 -4.85	20.62 0.77 -4.71	20.37 0.79 -4.42	20.82 0.87 -4.18	20.83 0.92 -3.28	20.56 1.01 -2.74	21.52 1.10 -2.43	25.09 1.59 -2.04	30.32 1.73 -5.48	29.74 1.72 -4.77	28.46 1.75 -2.37	25.43 1.45 -0.57	22.93 1.40 0.00	21.49 1.18 0.00	20.57 1.10 -0.80
GOWANUS_GT1_6 24111	20.59 1.06 0.00	18.45 0.93 0.00	18.02 0.82 -0.07	18.18 0.66 -2.54	17.84 0.66 -2.19	18.52 0.81 0.00	19.64 0.95 -0.37	20.00 0.97 -2.28	20.46 0.81 -4.39	21.02 0.84 -4.85	20.62 0.77 -4.71	20.37 0.79 -4.42	20.82 0.87 -4.18	20.83 0.92 -3.28	20.56 1.01 -2.74	21.52 1.10 -2.43	25.09 1.59 -2.04	30.32 1.73 -5.48	29.74 1.72 -4.77	28.46 1.75 -2.37	25.43 1.45 -0.57	22.93 1.40 0.00	21.49 1.18 0.00	20.57 1.10 -0.80
GOWANUS_GT1_7 24112	20.59 1.06 0.00	18.45 0.93 0.00	18.02 0.82 -0.07	18.18 0.66 -2.54	17.84 0.66 -2.19	18.52 0.81 0.00	19.64 0.95 -0.37	20.00 0.97 -2.28	20.46 0.81 -4.39	21.02 0.84 -4.85	20.62 0.77 -4.71	20.37 0.79 -4.42	20.82 0.87 -4.18	20.83 0.92 -3.28	20.56 1.01 -2.74	21.52 1.10 -2.43	25.09 1.59 -2.04	30.32 1.73 -5.48	29.74 1.72 -4.77	28.46 1.75 -2.37	25.43 1.45 -0.57	22.93 1.40 0.00	21.49 1.18 0.00	20.57 1.10 -0.80
GOWANUS_GT1_8 24113	20.59 1.06 0.00	18.45 0.93 0.00	18.02 0.82 -0.07	18.18 0.66 -2.54	17.84 0.66 -2.19	18.52 0.81 0.00	19.64 0.95 -0.37	20.00 0.97 -2.28	20.46 0.81 -4.39	21.02 0.84 -4.85	20.62 0.77 -4.71	20.37 0.79 -4.42	20.82 0.87 -4.18	20.83 0.92 -3.28	20.56 1.01 -2.74	21.52 1.10 -2.43	25.09 1.59 -2.04	30.32 1.73 -5.48	29.74 1.72 -4.77	28.46 1.75 -2.37	25.43 1.45 -0.57	22.93 1.40 0.00	21.49 1.18 0.00	20.57 1.10 -0.80
GOWANUS_GT2_1 24114	20.59 1.05 0.00	18.44 0.93 0.00	18.02 0.82 -0.07	18.18 0.66 -2.54	17.84 0.66 -2.19	18.52 0.81 0.00	19.64 0.95 -0.37	20.00 0.97 -2.28	20.46 0.81 -4.39	21.01 0.84 -4.85	20.62 0.77 -4.71	20.37 0.79 -4.42	20.82 0.87 -4.18	20.83 0.91 -3.28	20.56 1.01 -2.74	21.52 1.10 -2.43	25.09 1.59 -2.04	30.32 1.73 -5.48	29.74 1.72 -4.76	28.45 1.75 -2.37	25.43 1.45 -0.57	22.93 1.40 0.00	21.47 1.16 0.00	20.57 1.10 -0.80
GOWANUS_GT2_2 24115	20.59 1.05 0.00	18.44 0.93 0.00	18.02 0.82 -0.07	18.18 0.66 -2.54	17.84 0.66 -2.19	18.52 0.81 0.00	19.64 0.95 -0.37	20.00 0.97 -2.28	20.46 0.81 -4.39	21.01 0.84 -4.85	20.62 0.77 -4.71	20.37 0.79 -4.42	20.82 0.87 -4.18	20.83 0.91 -3.28	20.56 1.01 -2.74	21.52 1.10 -2.43	25.09 1.59 -2.04	30.32 1.73 -5.48	29.74 1.72 -4.76	28.45 1.75 -2.37	25.43 1.45 -0.57	22.93 1.40 0.00	21.47 1.16 0.00	20.57 1.10 -0.80
GOWANUS_GT2_3 24116	20.59 1.05 0.00	18.44 0.93 0.00	18.02 0.82 -0.07	18.18 0.66 -2.54	17.84 0.66 -2.19	18.52 0.81 0.00	19.64 0.95 -0.37	20.00 0.97 -2.28	20.46 0.81 -4.39	21.01 0.84 -4.85	20.62 0.77 -4.71	20.37 0.79 -4.42	20.82 0.87 -4.18	20.83 0.91 -3.28	20.56 1.01 -2.74	21.52 1.10 -2.43	25.09 1.59 -2.04	30.32 1.73 -5.48	29.74 1.72 -4.76	28.45 1.75 -2.37	25.43 1.45 -0.57	22.93 1.40 0.00	21.47 1.16 0.00	20.57 1.10 -0.80
GOWANUS_GT2_4 24117	20.59 1.05 0.00	18.44 0.93 0.00	18.02 0.82 -0.07	18.18 0.66 -2.54	17.84 0.66 -2.19	18.52 0.81 0.00	19.64 0.95 -0.37	20.00 0.97 -2.28	20.46 0.81 -4.39	21.01 0.84 -4.85	20.62 0.77 -4.71	20.37 0.79 -4.42	20.82 0.87 -4.18	20.83 0.91 -3.28	20.56 1.01 -2.74	21.52 1.10 -2.43	25.09 1.59 -2.04	30.32 1.73 -5.48	29.74 1.72 -4.76	28.45 1.75 -2.37	25.43 1.45 -0.57	22.93 1.40 0.00	21.47 1.16 0.00	20.57 1.10 -0.80
GOWANUS_GT2_5 24118	20.59 1.05 0.00	18.44 0.93 0.00	18.02 0.82 -0.07	18.18 0.66 -2.54	17.84 0.66 -2.19	18.52 0.81 0.00	19.64 0.95 -0.37	20.00 0.97 -2.28	20.46 0.81 -4.39	21.01 0.84 -4.85	20.62 0.77 -4.71	20.37 0.79 -4.42	20.82 0.87 -4.18	20.83 0.91 -3.28	20.56 1.01 -2.74	21.52 1.10 -2.43	25.09 1.59 -2.04	30.32 1.73 -5.48	29.74 1.72 -4.76	28.45 1.75 -2.37	25.43 1.45 -0.57	22.93 1.40 0.00	21.47 1.16 0.00	20.57 1.10 -0.80
GOWANUS_GT2_6 24119	20.59 1.05 0.00	18.44 0.93 0.00	18.02 0.82 -0.07	18.18 0.66 -2.54	17.84 0.66 -2.19	18.52 0.81 0.00	19.64 0.95 -0.37	20.00 0.97 -2.28	20.46 0.81 -4.39	21.01 0.84 -4.85	20.62 0.77 -4.71	20.37 0.79 -4.42	20.82 0.87 -4.18	20.83 0.91 -3.28	20.56 1.01 -2.74	21.52 1.10 -2.43	25.09 1.59 -2.04	30.32 1.73 -5.48	29.74 1.72 -4.76	28.45 1.75 -2.37	25.43 1.45 -0.57	22.93 1.40 0.00	21.47 1.16 0.00	20.57 1.10 -0.80
GOWANUS_GT2_7 24120	20.59 1.05 0.00	18.44 0.93 0.00	18.02 0.82 -0.07	18.18 0.66 -2.54	17.84 0.66 -2.19	18.52 0.81 0.00	19.64 0.95 -0.37	20.00 0.97 -2.28	20.46 0.81 -4.39	21.01 0.84 -4.85	20.62 0.77 -4.71	20.37 0.79 -4.42	20.82 0.87 -4.18	20.83 0.91 -3.28	20.56 1.01 -2.74	21.52 1.10 -2.43	25.09 1.59 -2.04	30.32 1.73 -5.48	29.74 1.72 -4.76	28.45 1.75 -2.37	25.43 1.45 -0.57	22.93 1.40 0.00	21.47 1.16 0.00	20.57 1.10 -0.80

GOWANUS_GT2_8 24121	20.59 1.05 0.00	18.44 0.93 0.00	18.02 0.82 -0.07	18.18 0.66 -2.54	17.84 0.66 -2.19	18.52 0.81 0.00	19.64 0.95 -0.37	20.00 0.97 -2.28	20.46 0.81 -4.39	21.01 0.84 -4.85	20.62 0.77 -4.71	20.37 0.79 -4.42	20.82 0.87 -4.18	20.83 0.91 -3.28	20.56 1.01 -2.74	21.52 1.10 -2.43	25.09 1.59 -2.04	30.32 1.73 -5.48	29.74 1.72 -4.76	28.45 1.75 -2.37	25.43 1.45 -0.57	22.93 1.40 0.00	21.47 1.16 0.00	20.57 1.10 -0.80
GOWANUS_GT3_1 24122	20.59 1.05 0.00	18.44 0.93 0.00	18.02 0.82 -0.07	18.18 0.66 -2.54	17.84 0.66 -2.19	18.52 0.81 0.00	19.64 0.95 -0.37	20.00 0.97 -2.28	20.46 0.81 -4.39	21.01 0.84 -4.85	20.62 0.77 -4.71	20.37 0.79 -4.42	20.82 0.87 -4.18	20.83 0.91 -3.28	20.56 1.01 -2.74	21.52 1.10 -2.43	25.09 1.59 -2.04	30.32 1.73 -5.48	29.74 1.72 -4.76	28.45 1.75 -2.37	25.43 1.45 -0.57	22.93 1.40 0.00	21.47 1.16 0.00	20.57 1.10 -0.80
GOWANUS_GT3_2 24123	20.59 1.05 0.00	18.44 0.93 0.00	18.02 0.82 -0.07	18.18 0.66 -2.54	17.84 0.66 -2.19	18.52 0.81 0.00	19.64 0.95 -0.37	20.00 0.97 -2.28	20.46 0.81 -4.39	21.01 0.84 -4.85	20.62 0.77 -4.71	20.37 0.79 -4.42	20.82 0.87 -4.18	20.83 0.91 -3.28	20.56 1.01 -2.74	21.52 1.10 -2.43	25.09 1.59 -2.04	30.32 1.73 -5.48	29.74 1.72 -4.76	28.45 1.75 -2.37	25.43 1.45 -0.57	22.93 1.40 0.00	21.47 1.16 0.00	20.57 1.10 -0.80
GOWANUS_GT3_3 24124	20.59 1.05 0.00	18.44 0.93 0.00	18.02 0.82 -0.07	18.18 0.66 -2.54	17.84 0.66 -2.19	18.52 0.81 0.00	19.64 0.95 -0.37	20.00 0.97 -2.28	20.46 0.81 -4.39	21.01 0.84 -4.85	20.62 0.77 -4.71	20.37 0.79 -4.42	20.82 0.87 -4.18	20.83 0.91 -3.28	20.56 1.01 -2.74	21.52 1.10 -2.43	25.09 1.59 -2.04	30.32 1.73 -5.48	29.74 1.72 -4.76	28.45 1.75 -2.37	25.43 1.45 -0.57	22.93 1.40 0.00	21.47 1.16 0.00	20.57 1.10 -0.80
GOWANUS_GT3_4 24125	20.59 1.05 0.00	18.44 0.93 0.00	18.02 0.82 -0.07	18.18 0.66 -2.54	17.84 0.66 -2.19	18.52 0.81 0.00	19.64 0.95 -0.37	20.00 0.97 -2.28	20.46 0.81 -4.39	21.01 0.84 -4.85	20.62 0.77 -4.71	20.37 0.79 -4.42	20.82 0.87 -4.18	20.83 0.91 -3.28	20.56 1.01 -2.74	21.52 1.10 -2.43	25.09 1.59 -2.04	30.32 1.73 -5.48	29.74 1.72 -4.76	28.45 1.75 -2.37	25.43 1.45 -0.57	22.93 1.40 0.00	21.47 1.16 0.00	20.57 1.10 -0.80
GOWANUS_GT3_5 24126	20.59 1.05 0.00	18.44 0.93 0.00	18.02 0.82 -0.07	18.18 0.66 -2.54	17.84 0.66 -2.19	18.52 0.81 0.00	19.64 0.95 -0.37	20.00 0.97 -2.28	20.46 0.81 -4.39	21.01 0.84 -4.85	20.62 0.77 -4.71	20.37 0.79 -4.42	20.82 0.87 -4.18	20.83 0.91 -3.28	20.56 1.01 -2.74	21.52 1.10 -2.43	25.09 1.59 -2.04	30.32 1.73 -5.48	29.74 1.72 -4.76	28.45 1.75 -2.37	25.43 1.45 -0.57	22.93 1.40 0.00	21.47 1.16 0.00	20.57 1.10 -0.80
GOWANUS_GT3_6 24127	20.59 1.05 0.00	18.44 0.93 0.00	18.02 0.82 -0.07	18.18 0.66 -2.54	17.84 0.66 -2.19	18.52 0.81 0.00	19.64 0.95 -0.37	20.00 0.97 -2.28	20.46 0.81 -4.39	21.01 0.84 -4.85	20.62 0.77 -4.71	20.37 0.79 -4.42	20.82 0.87 -4.18	20.83 0.91 -3.28	20.56 1.01 -2.74	21.52 1.10 -2.43	25.09 1.59 -2.04	30.32 1.73 -5.48	29.74 1.72 -4.76	28.45 1.75 -2.37	25.43 1.45 -0.57	22.93 1.40 0.00	21.47 1.16 0.00	20.57 1.10 -0.80
GOWANUS_GT3_7 24128	20.59 1.05 0.00	18.44 0.93 0.00	18.02 0.82 -0.07	18.18 0.66 -2.54	17.84 0.66 -2.19	18.52 0.81 0.00	19.64 0.95 -0.37	20.00 0.97 -2.28	20.46 0.81 -4.39	21.01 0.84 -4.85	20.62 0.77 -4.71	20.37 0.79 -4.42	20.82 0.87 -4.18	20.83 0.91 -3.28	20.56 1.01 -2.74	21.52 1.10 -2.43	25.09 1.59 -2.04	30.32 1.73 -5.48	29.74 1.72 -4.76	28.45 1.75 -2.37	25.43 1.45 -0.57	22.93 1.40 0.00	21.47 1.16 0.00	20.57 1.10 -0.80
GOWANUS_GT3_8 24129	20.59 1.05 0.00	18.44 0.93 0.00	18.02 0.82 -0.07	18.18 0.66 -2.54	17.84 0.66 -2.19	18.52 0.81 0.00	19.64 0.95 -0.37	20.00 0.97 -2.28	20.46 0.81 -4.39	21.01 0.84 -4.85	20.62 0.77 -4.71	20.37 0.79 -4.42	20.82 0.87 -4.18	20.83 0.91 -3.28	20.56 1.01 -2.74	21.52 1.10 -2.43	25.09 1.59 -2.04	30.32 1.73 -5.48	29.74 1.72 -4.76	28.45 1.75 -2.37	25.43 1.45 -0.57	22.93 1.40 0.00	21.47 1.16 0.00	20.57 1.10 -0.80
GOWANUS_GT4_1 24130	20.59 1.06 0.00	18.45 0.93 0.00	18.02 0.82 -0.07	18.18 0.66 -2.54	17.84 0.66 -2.19	18.52 0.81 0.00	19.64 0.95 -0.37	20.00 0.97 -2.28	20.46 0.81 -4.39	21.02 0.84 -4.85	20.62 0.77 -4.71	20.37 0.79 -4.42	20.82 0.87 -4.18	20.83 0.92 -3.28	20.56 1.01 -2.74	21.52 1.10 -2.43	25.09 1.59 -2.04	30.32 1.73 -5.48	29.74 1.72 -4.77	28.46 1.75 -2.37	25.43 1.45 -0.57	22.93 1.40 0.00	21.49 1.18 0.00	20.57 1.10 -0.80
GOWANUS_GT4_2 24131	20.59 1.06 0.00	18.45 0.93 0.00	18.02 0.82 -0.07	18.18 0.66 -2.54	17.84 0.66 -2.19	18.52 0.81 0.00	19.64 0.95 -0.37	20.00 0.97 -2.28	20.46 0.81 -4.39	21.02 0.84 -4.85	20.62 0.77 -4.71	20.37 0.79 -4.42	20.82 0.87 -4.18	20.83 0.92 -3.28	20.56 1.01 -2.74	21.52 1.10 -2.43	25.09 1.59 -2.04	30.32 1.73 -5.48	29.74 1.72 -4.77	28.46 1.75 -2.37	25.43 1.45 -0.57	22.93 1.40 0.00	21.49 1.18 0.00	20.57 1.10 -0.80
GOWANUS_GT4_3 24132	20.59 1.06 0.00	18.45 0.93 0.00	18.02 0.82 -0.07	18.18 0.66 -2.54	17.84 0.66 -2.19	18.52 0.81 0.00	19.64 0.95 -0.37	20.00 0.97 -2.28	20.46 0.81 -4.39	21.02 0.84 -4.85	20.62 0.77 -4.71	20.37 0.79 -4.42	20.82 0.87 -4.18	20.83 0.92 -3.28	20.56 1.01 -2.74	21.52 1.10 -2.43	25.09 1.59 -2.04	30.32 1.73 -5.48	29.74 1.72 -4.77	28.46 1.75 -2.37	25.43 1.45 -0.57	22.93 1.40 0.00	21.49 1.18 0.00	20.57 1.10 -0.80
GOWANUS_GT4_4 24133	20.59 1.06 0.00	18.45 0.93 0.00	18.02 0.82 -0.07	18.18 0.66 -2.54	17.84 0.66 -2.19	18.52 0.81 0.00	19.64 0.95 -0.37	20.00 0.97 -2.28	20.46 0.81 -4.39	21.02 0.84 -4.85	20.62 0.77 -4.71	20.37 0.79 -4.42	20.82 0.87 -4.18	20.83 0.92 -3.28	20.56 1.01 -2.74	21.52 1.10 -2.43	25.09 1.59 -2.04	30.32 1.73 -5.48	29.74 1.72 -4.77	28.46 1.75 -2.37	25.43 1.45 -0.57	22.93 1.40 0.00	21.49 1.18 0.00	20.57 1.10 -0.80
GOWANUS_GT4_5 24134	20.59 1.06 0.00	18.45 0.93 0.00	18.02 0.82 -0.07	18.18 0.66 -2.54	17.84 0.66 -2.19	18.52 0.81 0.00	19.64 0.95 -0.37	20.00 0.97 -2.28	20.46 0.81 -4.39	21.02 0.84 -4.85	20.62 0.77 -4.71	20.37 0.79 -4.42	20.82 0.87 -4.18	20.83 0.92 -3.28	20.56 1.01 -2.74	21.52 1.10 -2.43	25.09 1.59 -2.04	30.32 1.73 -5.48	29.74 1.72 -4.77	28.46 1.75 -2.37	25.43 1.45 -0.57	22.93 1.40 0.00	21.49 1.18 0.00	20.57 1.10 -0.80
GOWANUS_GT4_6 24135	20.59 1.06 0.00	18.45 0.93 0.00	18.02 0.82 -0.07	18.18 0.66 -2.54	17.84 0.66 -2.19	18.52 0.81 0.00	19.64 0.95 -0.37	20.00 0.97 -2.28	20.46 0.81 -4.39	21.02 0.84 -4.85	20.62 0.77 -4.71	20.37 0.79 -4.42	20.82 0.87 -4.18	20.83 0.92 -3.28	20.56 1.01 -2.74	21.52 1.10 -2.43	25.09 1.59 -2.04	30.32 1.73 -5.48	29.74 1.72 -4.77	28.46 1.75 -2.37	25.43 1.45 -0.57	22.93 1.40 0.00	21.49 1.18 0.00	20.57 1.10 -0.80

GOWANUS_GT4_7 24136	20.59 1.06 0.00	18.45 0.93 0.00	18.02 0.82 -0.07	18.18 0.66 -2.54	17.84 0.66 -2.19	18.52 0.81 0.00	19.64 0.95 -0.37	20.00 0.97 -2.28	20.46 0.81 -4.39	21.02 0.84 -4.85	20.62 0.77 -4.71	20.37 0.79 -4.42	20.82 0.87 -4.18	20.83 0.92 -3.28	20.56 1.01 -2.74	21.52 1.10 -2.43	25.09 1.59 -2.04	30.32 1.73 -5.48	29.74 1.72 -4.77	28.46 1.75 -2.37	25.43 1.45 -0.57	22.93 1.40 0.00	21.49 1.18 0.00	20.57 1.10 -0.80
GOWANUS_GT4_8 24137	20.59 1.06 0.00	18.45 0.93 0.00	18.02 0.82 -0.07	18.18 0.66 -2.54	17.84 0.66 -2.19	18.52 0.81 0.00	19.64 0.95 -0.37	20.00 0.97 -2.28	20.46 0.81 -4.39	21.02 0.84 -4.85	20.62 0.77 -4.71	20.37 0.79 -4.42	20.82 0.87 -4.18	20.83 0.92 -3.28	20.56 1.01 -2.74	21.52 1.10 -2.43	25.09 1.59 -2.04	30.32 1.73 -5.48	29.74 1.72 -4.77	28.46 1.75 -2.37	25.43 1.45 -0.57	22.93 1.40 0.00	21.49 1.18 0.00	20.57 1.10 -0.80
GREENBSH_115KV_TB3 55895	19.91 0.37 0.00	17.92 0.40 0.00	17.63 0.41 -0.09	18.56 0.33 -3.24	18.13 0.34 -2.81	18.13 0.42 0.00	19.21 0.42 -0.47	20.05 0.39 -2.92	21.12 0.24 -5.62	21.73 0.20 -6.21	21.41 0.24 -6.03	21.07 0.26 -5.66	21.39 0.27 -5.35	21.13 0.30 -4.20	20.62 0.30 -3.51	21.40 0.31 -3.10	24.51 0.43 -2.61	30.58 0.46 -7.02	29.84 0.49 -6.10	27.90 0.54 -3.03	24.68 0.54 -0.73	21.94 0.41 0.00	20.74 0.43 0.00	20.10 0.41 -1.02
GREENDGE_115KV_TB5 80291	19.75 0.21 0.00	17.71 0.19 0.00	17.32 0.19 -0.01	15.36 0.13 -0.24	15.33 0.13 -0.21	17.93 0.23 0.00	18.50 0.15 -0.04	17.08 0.12 -0.22	15.76 0.05 -0.45	15.78 -0.03 -0.49	15.59 -0.03 -0.48	15.61 0.00 -0.45	16.20 0.00 -0.43	17.00 0.03 -0.33	17.15 0.07 -0.28	18.31 0.07 -0.25	21.89 0.21 -0.21	24.10 0.44 -0.56	24.18 0.44 -0.48	25.08 0.51 -0.24	24.00 0.54 -0.06	22.03 0.50 0.00	20.69 0.39 0.00	18.96 0.21 -0.08
GREENIDGE___3 23582	19.75 0.21 0.00	17.71 0.19 0.00	17.32 0.19 -0.01	15.36 0.13 -0.24	15.33 0.13 -0.21	17.93 0.23 0.00	18.50 0.15 -0.04	17.08 0.12 -0.22	15.76 0.05 -0.45	15.78 -0.03 -0.49	15.59 -0.03 -0.48	15.61 0.00 -0.45	16.20 0.00 -0.43	17.00 0.03 -0.33	17.15 0.07 -0.28	18.31 0.07 -0.25	21.89 0.21 -0.21	24.10 0.44 -0.56	24.18 0.44 -0.48	25.08 0.51 -0.24	24.00 0.54 -0.06	22.03 0.50 0.00	20.69 0.39 0.00	18.96 0.21 -0.08
GREENIDGE___4 23583	19.75 0.22 0.00	17.71 0.19 0.00	17.32 0.19 -0.01	15.36 0.13 -0.24	15.33 0.13 -0.21	17.93 0.23 0.00	18.55 0.20 -0.04	17.08 0.12 -0.22	15.76 0.05 -0.45	15.78 -0.03 -0.49	15.59 -0.03 -0.48	15.61 0.00 -0.45	16.20 0.00 -0.43	17.00 0.03 -0.33	17.16 0.07 -0.28	18.31 0.07 -0.25	21.87 0.21 -0.19	24.06 0.44 -0.52	24.15 0.44 -0.45	25.07 0.51 -0.22	24.00 0.54 -0.05	22.03 0.50 0.00	20.74 0.43 0.00	18.95 0.21 -0.08
GREENLWN_69_KV_BK 3 55738	20.85 1.31 0.00	18.62 1.10 0.00	18.16 0.96 -0.07	18.28 0.76 -2.54	17.94 0.76 -2.19	18.68 0.97 0.00	19.77 1.08 -0.37	20.12 1.09 -2.28	20.59 0.93 -4.39	21.20 1.03 -4.85	20.91 1.06 -4.72	20.68 1.08 -4.44	21.11 1.15 -4.19	21.40 1.21 -3.55	23.58 1.28 -5.50	24.40 1.39 -5.02	25.17 1.70 -2.01	32.49 2.03 -7.35	32.99 2.00 -7.73	27.77 1.95 -1.49	25.67 1.71 -0.56	24.71 1.77 -1.41	23.51 1.65 -1.56	20.85 1.38 -0.80
GREENWD_138_KV_38B11_REV_LBMP_J 345004	20.59 1.06 0.00	18.45 0.93 0.00	18.02 0.82 -0.07	18.18 0.66 -2.54	17.84 0.66 -2.19	18.52 0.81 0.00	19.64 0.95 -0.37	20.00 0.97 -2.28	20.46 0.81 -4.39	21.02 0.84 -4.85	20.62 0.77 -4.71	20.37 0.79 -4.42	20.82 0.87 -4.18	20.83 0.92 -3.28	20.56 1.01 -2.74	21.52 1.10 -2.43	25.09 1.59 -2.04	30.32 1.73 -5.48	29.74 1.72 -4.77	28.46 1.75 -2.37	25.43 1.45 -0.57	22.93 1.40 0.00	21.49 1.18 0.00	20.57 1.10 -0.80
GRISSOM___SOLAR 323813	21.34 1.80 0.00	19.11 1.59 0.00	18.78 1.56 -0.10	19.67 1.36 -3.33	19.23 1.36 -2.88	19.42 1.72 0.00	20.58 1.78 -0.49	21.65 1.91 -2.99	22.38 1.36 -5.76	23.20 1.52 -6.36	22.65 1.33 -6.18	22.25 1.29 -5.80	22.57 1.31 -5.49	22.45 1.51 -4.30	21.98 1.58 -3.59	22.86 1.69 -3.18	26.54 2.40 -2.68	32.63 2.33 -7.19	32.06 2.56 -6.25	30.31 2.87 -3.11	27.15 3.00 -0.75	23.86 2.33 0.00	22.32 2.01 0.00	21.49 1.77 -1.05
GROVEVILLE___HYD 323602	20.57 1.04 0.00	18.43 0.91 0.00	18.06 0.86 -0.07	18.22 0.69 -2.55	17.89 0.70 -2.21	18.53 0.83 0.00	19.60 0.92 -0.37	19.90 0.85 -2.29	20.35 0.67 -4.42	20.89 0.69 -4.88	20.52 0.64 -4.74	20.23 0.62 -4.45	20.64 0.66 -4.21	20.65 0.72 -3.30	20.32 0.76 -2.76	21.26 0.83 -2.44	24.74 1.22 -2.05	30.01 1.39 -5.52	29.47 1.42 -4.79	28.18 1.46 -2.39	25.27 1.29 -0.58	22.74 1.21 0.00	21.32 1.02 0.00	20.44 0.97 -0.80
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	19.60 0.06 0.00	17.57 0.05 0.00	17.17 0.03 0.00	15.14 0.03 -0.13	15.14 0.04 -0.11	17.76 0.05 0.00	18.39 0.05 -0.02	16.93 0.07 -0.11	15.41 -0.11 -0.25	15.46 -0.14 -0.28	15.29 -0.12 -0.27	15.30 -0.11 -0.25	15.90 -0.11 -0.24	16.72 -0.10 -0.19	16.88 -0.08 -0.16	18.02 -0.11 -0.14	21.67 0.09 -0.12	23.60 0.18 -0.31	23.74 0.21 -0.27	24.74 0.27 -0.14	23.72 0.28 -0.03	21.77 0.24 0.00	20.49 0.18 0.00	18.83 0.11 -0.05
HAMLTNNY_34_KV_TB 80303	19.54 0.00 0.00	17.52 0.00 0.00	17.13 0.00 0.00	15.12 0.00 -0.14	15.10 0.00 -0.12	17.72 0.02 0.00	18.34 0.00 -0.02	16.87 0.00 -0.12	15.38 -0.15 -0.27	15.42 -0.20 -0.30	15.24 -0.18 -0.29	15.28 -0.15 -0.27	15.87 -0.16 -0.26	16.69 -0.15 -0.20	16.84 -0.13 -0.17	17.98 -0.16 -0.15	21.63 0.04 -0.12	23.58 0.14 -0.34	23.71 0.16 -0.29	24.70 0.22 -0.15	23.65 0.21 -0.04	21.70 0.17 0.00	20.41 0.10 0.00	18.76 0.04 -0.05
HAMPSHIRE___PAPER_HYD 323593	19.23 -0.31 0.00	17.20 -0.31 0.00	16.79 -0.34 0.00	14.71 -0.27 0.00	14.72 -0.27 0.00	17.38 -0.32 0.00	18.02 -0.29 0.00	16.55 -0.20 0.00	15.05 -0.21 0.00	15.14 -0.18 0.00	14.93 -0.21 0.00	14.91 -0.24 0.00	15.49 -0.28 0.00	16.30 -0.33 0.00	16.46 -0.35 0.00	17.61 -0.38 0.00	21.08 -0.39 0.00	22.71 -0.39 0.00	22.91 -0.35 0.00	24.01 -0.32 0.00	23.05 -0.35 0.00	21.16 -0.37 0.00	19.96 -0.35 0.00	18.30 -0.37 0.00
HARDSCRABBLE_WT_PWR 323673	19.66 0.12 0.00	17.61 0.09 0.00	17.20 0.07 0.00	15.01 0.03 0.00	15.03 0.05 0.00	17.74 0.04 0.00	18.32 0.00 0.00	16.70 -0.05 0.00	15.17 -0.09 0.00	15.23 -0.09 0.00	15.03 -0.11 0.00	15.03 -0.12 0.00	15.58 -0.19 0.00	16.44 -0.20 0.00	16.57 -0.24 0.00	17.74 -0.25 0.00	21.21 -0.26 0.00	22.83 -0.28 0.00	23.00 -0.26 0.00	24.09 -0.24 0.00	23.15 -0.26 0.00	21.36 -0.17 0.00	20.17 -0.14 0.00	18.56 -0.11 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	20.44 0.90 0.00	18.31 0.79 0.00	17.93 0.74 -0.07	17.86 0.60 -2.28	17.57 0.61 -1.97	18.43 0.73 0.00	19.47 0.82 -0.33	19.59 0.79 -2.05	19.82 0.61 -3.95	20.31 0.63 -4.36	19.97 0.59 -4.24	19.71 0.58 -3.98	20.15 0.62 -3.76	20.25 0.67 -2.95	19.98 0.71 -2.46	20.96 0.79 -2.18	24.46 1.16 -1.83	29.33 1.29 -4.93	28.87 1.33 -4.28	27.83 1.36 -2.13	25.11 1.19 -0.52	22.63 1.10 0.00	21.24 0.93 0.00	20.28 0.90 -0.72

HARSNRAD_115KV_TB1 81005	19.40 -0.14 0.00	17.46 -0.05 0.00	17.07 -0.07 -0.01	15.08 -0.09 -0.19	15.07 -0.07 -0.16	17.72 0.02 0.00	18.00 -0.35 -0.03	16.40 -0.52 -0.17	15.18 -0.44 -0.35	15.16 -0.55 -0.39	15.08 -0.44 -0.38	15.12 -0.39 -0.36	15.76 -0.35 -0.34	16.60 -0.30 -0.26	16.74 -0.29 -0.22	17.90 -0.29 -0.20	21.11 -0.52 -0.16	23.20 -0.35 -0.44	23.20 -0.44 -0.38	24.01 -0.51 -0.19	23.22 -0.23 -0.05	21.23 -0.30 0.00	20.02 -0.28 0.00	18.46 -0.28 -0.06
HARZA MOOSE__RIVER 24016	19.71 0.18 0.00	17.66 0.14 0.00	17.23 0.10 0.00	15.07 0.09 0.00	15.10 0.12 0.00	17.86 0.16 0.00	18.48 0.16 0.00	16.93 0.18 0.00	15.46 0.11 -0.09	15.50 0.08 -0.10	15.28 0.05 -0.10	15.26 0.02 -0.09	15.86 0.00 -0.09	16.72 0.02 -0.07	16.87 0.00 -0.06	18.08 0.04 -0.05	21.66 0.15 -0.04	23.43 0.21 -0.11	23.68 0.33 -0.10	24.79 0.41 -0.05	23.79 0.37 -0.01	21.79 0.26 0.00	20.53 0.22 0.00	18.84 0.15 -0.02
HDSNBRDG_115KV_BRDG_TB1 355580	19.42 -0.12 0.00	17.41 -0.11 0.00	17.01 -0.12 0.00	14.99 -0.10 -0.11	14.99 -0.09 -0.10	17.60 -0.11 0.00	18.22 -0.11 -0.02	16.74 -0.12 -0.10	15.24 -0.26 -0.23	15.29 -0.29 -0.26	15.11 -0.27 -0.25	15.13 -0.26 -0.23	15.74 -0.25 -0.22	16.56 -0.25 -0.17	16.72 -0.24 -0.14	17.85 -0.27 -0.13	21.46 -0.11 -0.11	23.35 -0.05 -0.29	23.48 -0.02 -0.25	24.46 0.00 -0.12	23.46 0.02 -0.03	21.53 0.00 0.00	20.27 -0.04 0.00	18.64 -0.07 -0.04
HELLGATE_13_KV_LD 55870	20.59 1.06 0.00	18.46 0.95 0.00	18.06 0.86 -0.07	18.21 0.69 -2.54	17.87 0.69 -2.19	18.57 0.87 0.00	19.68 0.99 -0.37	20.02 0.99 -2.28	20.48 0.82 -4.39	21.03 0.86 -4.85	20.64 0.79 -4.71	20.37 0.79 -4.42	20.82 0.87 -4.18	20.83 0.92 -3.28	20.56 1.01 -2.74	21.50 1.08 -2.43	25.07 1.57 -2.04	30.28 1.69 -5.48	29.70 1.67 -4.77	28.41 1.70 -2.37	25.43 1.45 -0.57	22.91 1.38 0.00	21.49 1.18 0.00	20.57 1.10 -0.80
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	20.59 1.06 0.00	18.46 0.95 0.00	18.06 0.86 -0.07	18.21 0.69 -2.54	17.87 0.69 -2.19	18.57 0.87 0.00	19.68 0.99 -0.37	20.02 0.99 -2.28	20.48 0.82 -4.39	21.03 0.86 -4.85	20.64 0.79 -4.71	20.37 0.79 -4.42	20.82 0.87 -4.18	20.83 0.92 -3.28	20.56 1.01 -2.74	21.50 1.08 -2.43	25.07 1.57 -2.04	30.28 1.69 -5.48	29.70 1.67 -4.77	28.41 1.70 -2.37	25.43 1.45 -0.57	22.91 1.38 0.00	21.49 1.18 0.00	20.57 1.10 -0.80
HEMPSTEAD____ 23647	20.73 1.19 0.00	18.53 1.02 0.00	18.09 0.89 -0.07	18.23 0.70 -2.54	17.88 0.70 -2.19	18.61 0.90 0.00	19.69 1.01 -0.37	20.02 0.99 -2.28	20.53 0.87 -4.39	21.11 0.93 -4.85	20.82 0.97 -4.72	20.57 0.97 -4.44	21.00 1.04 -4.19	21.27 1.08 -3.55	23.45 1.14 -5.50	24.26 1.24 -5.02	25.24 1.72 -2.06	32.31 1.87 -7.33	32.83 1.86 -7.71	28.62 1.90 -2.39	25.70 1.71 -0.59	24.53 1.59 -1.41	23.31 1.44 -1.56	20.72 1.25 -0.80
HEWLETT__69_KV_BK3 55828	20.93 1.39 0.00	18.69 1.17 0.00	18.25 1.04 -0.07	18.34 0.82 -2.54	18.02 0.84 -2.19	18.75 1.04 0.00	19.84 1.15 -0.37	20.17 1.14 -2.28	20.65 0.99 -4.39	21.25 1.07 -4.85	20.97 1.12 -4.72	20.72 1.12 -4.44	21.15 1.20 -4.19	21.45 1.26 -3.55	23.63 1.33 -5.50	24.45 1.44 -5.02	25.46 1.93 -2.06	32.57 2.13 -7.34	33.09 2.12 -7.72	28.89 2.17 -2.39	25.96 1.97 -0.59	24.77 1.83 -1.41	23.55 1.69 -1.56	20.92 1.46 -0.80
HICKLING__1 23621	19.75 0.21 0.00	17.73 0.21 0.00	17.36 0.22 -0.01	15.38 0.09 -0.31	15.35 0.10 -0.26	17.95 0.25 0.00	18.42 0.05 -0.04	17.06 0.03 -0.28	15.81 -0.02 -0.56	15.85 -0.09 -0.62	15.68 -0.06 -0.60	15.69 -0.03 -0.56	16.29 -0.02 -0.53	17.07 0.02 -0.42	17.21 0.05 -0.35	18.37 0.07 -0.31	21.85 0.13 -0.26	24.15 0.35 -0.70	24.16 0.30 -0.61	24.97 0.34 -0.30	23.90 0.42 -0.07	22.00 0.47 0.00	20.69 0.39 0.00	18.90 0.13 -0.10
HICKLING__2 23622	19.75 0.21 0.00	17.73 0.21 0.00	17.36 0.22 -0.01	15.38 0.09 -0.31	15.35 0.10 -0.26	17.95 0.25 0.00	18.42 0.05 -0.04	17.06 0.03 -0.28	15.81 -0.02 -0.56	15.85 -0.09 -0.62	15.68 -0.06 -0.60	15.69 -0.03 -0.56	16.29 -0.02 -0.53	17.07 0.02 -0.42	17.21 0.05 -0.35	18.37 0.07 -0.31	21.85 0.13 -0.26	24.15 0.35 -0.70	24.16 0.30 -0.61	24.97 0.34 -0.30	23.90 0.42 -0.07	22.00 0.47 0.00	20.69 0.39 0.00	18.90 0.13 -0.10
HIGH FALLS__HY 23754	20.48 0.94 0.00	18.31 0.79 0.00	17.94 0.74 -0.07	18.04 0.58 -2.47	17.72 0.60 -2.14	18.39 0.69 0.00	19.47 0.79 -0.36	19.71 0.74 -2.22	20.13 0.58 -4.28	20.62 0.57 -4.73	20.22 0.48 -4.60	19.94 0.47 -4.32	20.23 0.38 -4.08	20.25 0.42 -3.20	19.95 0.47 -2.67	20.92 0.56 -2.37	24.40 0.94 -1.99	29.57 1.11 -5.35	29.09 1.19 -4.65	27.84 1.19 -2.31	25.13 1.17 -0.56	22.65 1.12 0.00	21.22 0.91 0.00	20.31 0.86 -0.78
HILLBURN__GT 23639	20.48 0.94 0.00	18.34 0.82 0.00	17.97 0.77 -0.07	17.93 0.61 -2.33	17.63 0.63 -2.02	18.46 0.76 0.00	19.54 0.88 -0.34	19.68 0.84 -2.10	19.98 0.67 -4.04	20.48 0.69 -4.47	20.13 0.65 -4.34	19.87 0.64 -4.07	20.32 0.69 -3.85	20.39 0.73 -3.02	20.12 0.79 -2.52	21.09 0.86 -2.23	24.61 1.27 -1.88	29.54 1.39 -5.04	29.01 1.37 -4.38	27.92 1.41 -2.18	25.17 1.24 -0.53	22.69 1.16 0.00	21.28 0.97 0.00	20.34 0.93 -0.73
HILLSIDE_115KV_TB1 80332	19.50 -0.04 0.00	17.50 -0.02 0.00	17.14 0.00 -0.01	15.20 -0.10 -0.32	15.17 -0.09 -0.27	17.72 0.02 0.00	18.18 -0.18 -0.05	16.85 -0.18 -0.28	15.63 -0.21 -0.58	15.68 -0.28 -0.64	15.51 -0.24 -0.62	15.52 -0.21 -0.58	16.10 -0.22 -0.55	16.88 -0.18 -0.43	17.00 -0.17 -0.36	18.17 -0.14 -0.32	21.60 -0.13 -0.27	23.87 0.05 -0.72	23.86 -0.02 -0.62	24.64 0.00 -0.31	23.55 0.07 -0.08	21.70 0.17 0.00	20.41 0.10 0.00	18.64 -0.13 -0.10
HISHELDND_WT_PWR 323625	19.56 0.02 0.00	17.59 0.07 0.00	17.24 0.10 -0.01	15.20 0.00 -0.22	15.17 0.00 -0.19	17.83 0.12 0.00	18.26 -0.09 -0.03	16.63 -0.32 -0.20	15.38 -0.29 -0.41	15.41 -0.37 -0.45	15.29 -0.29 -0.44	15.31 -0.26 -0.41	15.94 -0.22 -0.39	16.78 -0.17 -0.31	16.90 -0.17 -0.26	18.07 -0.14 -0.23	21.34 -0.30 -0.18	23.49 -0.09 -0.47	23.51 -0.16 -0.41	24.34 -0.20 -0.21	23.48 0.02 -0.05	21.57 0.04 0.00	20.37 0.06 0.00	18.61 -0.13 -0.07
HOLTSVILLE_IC_1 23690	21.04 1.50 0.00	18.83 1.31 0.00	18.35 1.15 -0.07	18.43 0.91 -2.54	18.09 0.91 -2.19	18.85 1.15 0.00	19.97 1.28 -0.37	20.27 1.24 -2.28	20.74 1.08 -4.39	21.32 1.15 -4.85	21.04 1.18 -4.72	20.78 1.18 -4.44	21.20 1.25 -4.19	21.52 1.33 -3.55	23.72 1.41 -5.49	24.57 1.55 -5.03	28.01 2.19 -4.36	32.90 2.38 -7.41	33.42 2.37 -7.79	62.25 2.43 -35.48	27.99 2.25 -2.34	24.94 2.00 -1.41	23.75 1.89 -1.56	21.05 1.59 -0.80
HOLTSVILLE_IC_10 23699	21.14 1.60 0.00	18.92 1.40 0.00	18.43 1.23 -0.07	18.49 0.97 -2.54	18.17 0.99 -2.19	18.94 1.24 0.00	20.06 1.37 -0.37	20.35 1.32 -2.28	20.82 1.16 -4.39	21.40 1.23 -4.85	21.11 1.26 -4.72	20.86 1.26 -4.44	21.30 1.34 -4.19	21.62 1.43 -3.55	23.83 1.53 -5.49	24.69 1.67 -5.03	27.99 2.34 -4.19	33.07 2.56 -7.40	33.59 2.56 -7.78	60.09 2.60 -33.16	28.02 2.41 -2.21	25.09 2.15 -1.41	23.90 2.03 -1.56	21.17 1.70 -0.80

HOLTSVILLE_IC_2 23691	21.04 1.50 0.00	18.83 1.31 0.00	18.35 1.15 -0.07	18.43 0.91 -2.54	18.09 0.91 -2.19	18.85 1.15 0.00	19.97 1.28 -0.37	20.27 1.24 -2.28	20.74 1.08 -4.39	21.32 1.15 -4.85	21.04 1.18 -4.72	20.78 1.18 -4.44	21.20 1.25 -4.19	21.52 1.33 -3.55	23.72 1.41 -5.49	24.57 1.55 -5.03	28.01 2.19 -4.36	32.90 2.38 -7.41	33.42 2.37 -7.79	62.25 2.43 -35.48	27.99 2.25 -2.34	24.94 2.00 -1.41	23.75 1.89 -1.56	21.05 1.59 -0.80
HOLTSVILLE_IC_3 23692	21.04 1.50 0.00	18.83 1.31 0.00	18.35 1.15 -0.07	18.43 0.91 -2.54	18.09 0.91 -2.19	18.85 1.15 0.00	19.97 1.28 -0.37	20.27 1.24 -2.28	20.74 1.08 -4.39	21.32 1.15 -4.85	21.04 1.18 -4.72	20.78 1.18 -4.44	21.20 1.25 -4.19	21.52 1.33 -3.55	23.72 1.41 -5.49	24.57 1.55 -5.03	28.01 2.19 -4.36	32.90 2.38 -7.41	33.42 2.37 -7.79	62.25 2.43 -35.48	27.99 2.25 -2.34	24.94 2.00 -1.41	23.75 1.89 -1.56	21.05 1.59 -0.80
HOLTSVILLE_IC_4 23693	21.04 1.50 0.00	18.83 1.31 0.00	18.35 1.15 -0.07	18.43 0.91 -2.54	18.09 0.91 -2.19	18.85 1.15 0.00	19.97 1.28 -0.37	20.27 1.24 -2.28	20.74 1.08 -4.39	21.32 1.15 -4.85	21.04 1.18 -4.72	20.78 1.18 -4.44	21.20 1.25 -4.19	21.52 1.33 -3.55	23.72 1.41 -5.49	24.57 1.55 -5.03	28.01 2.19 -4.36	32.90 2.38 -7.41	33.42 2.37 -7.79	62.25 2.43 -35.48	27.99 2.25 -2.34	24.94 2.00 -1.41	23.75 1.89 -1.56	21.05 1.59 -0.80
HOLTSVILLE_IC_5 23694	21.04 1.50 0.00	18.83 1.31 0.00	18.35 1.15 -0.07	18.43 0.91 -2.54	18.09 0.91 -2.19	18.85 1.15 0.00	19.97 1.28 -0.37	20.27 1.24 -2.28	20.74 1.08 -4.39	21.32 1.15 -4.85	21.04 1.18 -4.72	20.78 1.18 -4.44	21.20 1.25 -4.19	21.52 1.33 -3.55	23.72 1.41 -5.49	24.57 1.55 -5.03	28.01 2.19 -4.36	32.90 2.38 -7.41	33.42 2.37 -7.79	62.25 2.43 -35.48	27.99 2.25 -2.34	24.94 2.00 -1.41	23.75 1.89 -1.56	21.05 1.59 -0.80
HOLTSVILLE_IC_6 23695	21.14 1.60 0.00	18.92 1.40 0.00	18.43 1.23 -0.07	18.49 0.97 -2.54	18.17 0.99 -2.19	18.94 1.24 0.00	20.06 1.37 -0.37	20.35 1.32 -2.28	20.82 1.16 -4.39	21.40 1.23 -4.85	21.11 1.26 -4.72	20.86 1.26 -4.44	21.30 1.34 -4.19	21.62 1.43 -3.55	23.83 1.53 -5.49	24.69 1.67 -5.03	27.99 2.34 -4.19	33.07 2.56 -7.40	33.59 2.56 -7.78	60.09 2.60 -33.16	28.02 2.41 -2.21	25.09 2.15 -1.41	23.90 2.03 -1.56	21.17 1.70 -0.80
HOLTSVILLE_IC_7 23696	21.14 1.60 0.00	18.92 1.40 0.00	18.43 1.23 -0.07	18.49 0.97 -2.54	18.17 0.99 -2.19	18.94 1.24 0.00	20.06 1.37 -0.37	20.35 1.32 -2.28	20.82 1.16 -4.39	21.40 1.23 -4.85	21.11 1.26 -4.72	20.86 1.26 -4.44	21.30 1.34 -4.19	21.62 1.43 -3.55	23.83 1.53 -5.49	24.69 1.67 -5.03	27.99 2.34 -4.19	33.07 2.56 -7.40	33.59 2.56 -7.78	60.09 2.60 -33.16	28.02 2.41 -2.21	25.09 2.15 -1.41	23.90 2.03 -1.56	21.17 1.70 -0.80
HOLTSVILLE_IC_8 23697	21.14 1.60 0.00	18.92 1.40 0.00	18.43 1.23 -0.07	18.49 0.97 -2.54	18.17 0.99 -2.19	18.94 1.24 0.00	20.06 1.37 -0.37	20.35 1.32 -2.28	20.82 1.16 -4.39	21.40 1.23 -4.85	21.11 1.26 -4.72	20.86 1.26 -4.44	21.30 1.34 -4.19	21.62 1.43 -3.55	23.83 1.53 -5.49	24.69 1.67 -5.03	27.99 2.34 -4.19	33.07 2.56 -7.40	33.59 2.56 -7.78	60.09 2.60 -33.16	28.02 2.41 -2.21	25.09 2.15 -1.41	23.90 2.03 -1.56	21.17 1.70 -0.80
HOLTSVILLE_IC_9 23698	21.14 1.60 0.00	18.92 1.40 0.00	18.43 1.23 -0.07	18.49 0.97 -2.54	18.17 0.99 -2.19	18.94 1.24 0.00	20.06 1.37 -0.37	20.35 1.32 -2.28	20.82 1.16 -4.39	21.40 1.23 -4.85	21.11 1.26 -4.72	20.86 1.26 -4.44	21.30 1.34 -4.19	21.62 1.43 -3.55	23.83 1.53 -5.49	24.69 1.67 -5.03	27.99 2.34 -4.19	33.07 2.56 -7.40	33.59 2.56 -7.78	60.09 2.60 -33.16	28.02 2.41 -2.21	25.09 2.15 -1.41	23.90 2.03 -1.56	21.17 1.70 -0.80
HOMER_HL_115KV_TB2 355744	19.52 -0.02 0.00	17.53 0.02 0.00	17.17 0.03 -0.01	14.90 -0.31 -0.23	14.88 -0.30 -0.20	17.79 0.09 0.00	17.86 -0.49 -0.03	16.42 -0.54 -0.21	15.24 -0.46 -0.43	15.25 -0.55 -0.48	15.15 -0.45 -0.46	15.14 -0.45 -0.43	15.74 -0.44 -0.41	16.56 -0.40 -0.32	16.69 -0.39 -0.27	17.89 -0.34 -0.24	21.17 -0.49 -0.20	23.34 -0.30 -0.54	23.30 -0.42 -0.47	24.10 -0.46 -0.23	23.18 -0.28 -0.06	21.64 0.11 0.00	20.35 0.04 0.00	18.25 -0.50 -0.08
HOWARD_WT_PWR 323690	20.03 0.49 0.00	17.97 0.45 0.00	17.58 0.44 -0.01	15.52 0.28 -0.26	15.49 0.28 -0.22	18.20 0.49 0.00	18.74 0.39 -0.04	17.11 0.13 -0.23	15.86 0.12 -0.47	15.87 0.03 -0.52	15.72 0.08 -0.51	15.74 0.11 -0.48	16.33 0.11 -0.45	17.14 0.15 -0.35	17.29 0.19 -0.29	18.47 0.22 -0.26	21.93 0.26 -0.21	24.21 0.55 -0.55	24.27 0.54 -0.48	25.15 0.58 -0.24	24.16 0.70 -0.06	22.24 0.71 0.00	20.96 0.65 0.00	19.09 0.34 -0.08
HQ_GEN_CEDARS 23644	19.27 -0.27 0.00	17.25 -0.26 0.00	16.87 -0.26 0.00	14.79 -0.19 0.00	14.76 -0.22 0.00	17.44 -0.27 0.00	18.08 -0.24 0.00	16.55 -0.20 0.00	15.11 -0.15 0.00	15.23 -0.09 0.00	15.03 -0.11 0.00	15.04 -0.12 0.00	15.63 -0.14 0.00	16.45 -0.18 0.00	16.61 -0.20 0.00	17.76 -0.23 0.00	21.16 -0.30 0.00	22.71 -0.39 0.00	22.81 -0.44 0.00	23.85 -0.49 0.00	22.94 -0.47 0.00	21.12 -0.41 0.00	19.96 -0.35 0.00	18.33 -0.34 0.00
HQ_GEN_CEDARS_PROXY 323590	19.27 -0.27 0.00	17.25 -0.26 0.00	16.87 -0.26 0.00	14.79 -0.20 0.00	14.76 -0.22 0.00	17.44 -0.27 0.00	18.06 -0.26 0.00	16.55 -0.20 0.00	15.11 -0.15 0.00	15.23 -0.09 0.00	15.03 -0.11 0.00	15.03 -0.12 0.00	15.63 -0.14 0.00	16.45 -0.18 0.00	16.61 -0.20 0.00	17.76 -0.23 0.00	21.16 -0.30 0.00	22.71 -0.39 0.00	22.81 -0.44 0.00	23.85 -0.49 0.00	22.94 -0.47 0.00	21.12 -0.41 0.00	19.96 -0.35 0.00	18.34 -0.34 0.00
HQ_GEN_IMPORT 323601	19.38 -0.16 0.00	17.38 -0.14 0.00	16.99 -0.14 0.00	14.88 -0.10 0.00	14.86 -0.12 0.00	17.54 -0.16 0.00	18.17 -0.15 0.00	16.63 -0.12 0.00	15.16 -0.11 0.00	15.23 -0.09 0.00	15.05 -0.09 0.00	15.07 -0.09 0.00	15.66 -0.11 0.00	16.50 -0.13 0.00	16.67 -0.14 0.00	17.83 -0.16 0.00	21.25 -0.21 0.00	22.81 -0.30 0.00	22.95 -0.30 0.00	23.99 -0.34 0.00	23.08 -0.33 0.00	21.25 -0.28 0.00	20.11 -0.20 0.00	18.48 -0.19 0.00
HQ_GEN_WHEEL 23651	19.38 -0.16 0.00	17.38 -0.14 0.00	16.99 -0.14 0.00	14.88 -0.10 0.00	14.86 -0.12 0.00	17.54 -0.16 0.00	18.17 -0.15 0.00	16.63 -0.12 0.00	15.16 -0.11 0.00	15.23 -0.09 0.00	15.05 -0.09 0.00	15.07 -0.09 0.00	15.66 -0.11 0.00	16.50 -0.13 0.00	16.67 -0.14 0.00	17.83 -0.16 0.00	21.25 -0.21 0.00	22.81 -0.30 0.00	22.95 -0.30 0.00	23.99 -0.34 0.00	23.08 -0.33 0.00	21.25 -0.28 0.00	20.11 -0.20 0.00	18.48 -0.19 0.00
HUDSON_AVE_GT_3 23810	20.61 1.07 0.00	18.46 0.95 0.00	18.08 0.87 -0.07	18.22 0.70 -2.54	17.88 0.70 -2.19	18.59 0.89 0.00	19.69 1.01 -0.37	20.03 1.00 -2.28	20.48 0.82 -4.39	21.02 0.84 -4.85	20.62 0.77 -4.71	20.35 0.77 -4.42	20.82 0.87 -4.18	20.82 0.90 -3.28	20.54 0.99 -2.74	21.48 1.06 -2.43	25.03 1.52 -2.04	30.23 1.64 -5.48	29.65 1.63 -4.77	28.36 1.65 -2.37	25.38 1.40 -0.57	22.89 1.36 0.00	21.49 1.18 0.00	20.59 1.12 -0.80

HUDSON AVE_GT_4 23540	20.61 1.07 0.00	18.46 0.95 0.00	18.08 0.87 -0.07	18.22 0.70 -2.54	17.88 0.70 -2.19	18.59 0.89 0.00	19.69 1.01 -0.37	20.03 1.00 -2.28	20.48 0.82 -4.39	21.02 0.84 -4.85	20.62 0.77 -4.71	20.35 0.77 -4.42	20.82 0.87 -4.18	20.82 0.90 -3.28	20.54 0.99 -2.74	21.48 1.06 -2.43	25.03 1.52 -2.04	30.23 1.64 -5.48	29.65 1.63 -4.77	28.36 1.65 -2.37	25.38 1.40 -0.57	22.89 1.36 0.00	21.49 1.18 0.00	20.59 1.12 -0.80
HUDSON AVE_GT_5 23657	20.61 1.07 0.00	18.46 0.95 0.00	18.08 0.87 -0.07	18.22 0.70 -2.54	17.88 0.70 -2.19	18.59 0.89 0.00	19.69 1.01 -0.37	20.03 1.00 -2.28	20.48 0.82 -4.39	21.02 0.84 -4.85	20.62 0.77 -4.71	20.35 0.77 -4.42	20.82 0.87 -4.18	20.82 0.90 -3.28	20.54 0.99 -2.74	21.48 1.06 -2.43	25.03 1.52 -2.04	30.23 1.64 -5.48	29.65 1.63 -4.77	28.36 1.65 -2.37	25.38 1.40 -0.57	22.89 1.36 0.00	21.49 1.18 0.00	20.59 1.12 -0.80
HUDSON_AVE_10 24168	20.54 1.00 0.00	18.39 0.88 0.00	18.01 0.81 -0.07	18.16 0.64 -2.54	17.82 0.64 -2.19	18.52 0.81 0.00	19.64 0.95 -0.37	19.97 0.94 -2.28	20.43 0.78 -4.39	20.97 0.80 -4.85	20.55 0.70 -4.71	20.29 0.71 -4.42	20.74 0.79 -4.18	20.75 0.83 -3.28	20.46 0.91 -2.74	21.41 0.99 -2.43	24.94 1.44 -2.04	30.14 1.55 -5.48	29.56 1.53 -4.77	28.24 1.53 -2.37	25.29 1.31 -0.57	22.78 1.25 0.00	21.43 1.12 0.00	20.51 1.05 -0.80
HUDSON___115KV_TB 4 355613	20.22 0.68 0.00	18.18 0.67 0.00	17.89 0.67 -0.09	18.66 0.52 -3.15	18.24 0.52 -2.73	18.38 0.67 0.00	19.42 0.64 -0.46	20.21 0.62 -2.84	21.12 0.40 -5.46	21.74 0.38 -6.03	21.39 0.39 -5.86	21.05 0.39 -5.50	21.37 0.39 -5.20	21.17 0.45 -4.08	20.67 0.45 -3.41	21.49 0.49 -3.02	24.71 0.71 -2.54	30.71 0.79 -6.82	30.04 0.86 -5.93	28.23 0.95 -2.95	25.08 0.96 -0.71	22.28 0.75 0.00	21.02 0.71 0.00	20.30 0.63 -0.99
HUNTER MOUNT___DRP 323613	20.28 0.74 0.00	18.25 0.74 0.00	17.94 0.72 -0.09	18.57 0.54 -3.05	18.16 0.54 -2.64	18.41 0.71 0.00	19.40 0.64 -0.45	20.11 0.62 -2.74	20.91 0.37 -5.28	21.51 0.35 -5.83	21.19 0.38 -5.67	20.86 0.38 -5.32	21.16 0.36 -5.03	21.00 0.42 -3.94	20.51 0.40 -3.30	21.34 0.43 -2.92	24.58 0.67 -2.45	30.44 0.74 -6.59	29.87 0.88 -5.73	28.18 1.00 -2.85	25.08 0.98 -0.69	22.31 0.78 0.00	21.04 0.73 0.00	20.26 0.63 -0.96
HUNTINGTON_RES_REC 323705	20.96 1.43 0.00	18.74 1.23 0.00	18.26 1.06 -0.07	18.36 0.84 -2.54	18.03 0.85 -2.19	18.76 1.06 0.00	19.88 1.19 -0.37	20.20 1.17 -2.28	20.69 1.04 -4.39	21.28 1.10 -4.85	21.00 1.15 -4.72	20.75 1.15 -4.44	21.19 1.23 -4.19	21.50 1.31 -3.55	23.70 1.39 -5.49	24.54 1.53 -5.02	25.17 1.97 -1.73	32.66 2.20 -7.36	33.18 2.19 -7.74	23.77 2.24 2.80	25.77 2.01 -0.35	24.88 1.94 -1.41	23.67 1.81 -1.56	20.98 1.51 -0.80
HUNTLEY___63 23557	19.48 -0.06 0.00	17.52 0.00 0.00	17.22 0.09 -0.01	15.22 0.04 -0.19	15.20 0.04 -0.17	17.77 0.07 0.00	18.11 -0.24 -0.03	16.49 -0.44 -0.17	15.26 -0.37 -0.37	15.27 -0.46 -0.40	15.18 -0.35 -0.39	15.22 -0.30 -0.37	15.85 -0.27 -0.35	16.71 -0.20 -0.27	16.85 -0.18 -0.23	18.01 -0.18 -0.20	21.25 -0.39 -0.17	23.35 -0.21 -0.46	23.35 -0.30 -0.40	24.16 -0.36 -0.20	23.36 -0.09 -0.05	21.38 -0.15 0.00	20.17 -0.14 0.00	18.59 -0.15 -0.07
HUNTLEY___64 23558	19.48 -0.06 0.00	17.52 0.00 0.00	17.22 0.09 -0.01	15.22 0.04 -0.19	15.20 0.04 -0.17	17.77 0.07 0.00	18.11 -0.24 -0.03	16.49 -0.44 -0.17	15.26 -0.37 -0.37	15.27 -0.46 -0.40	15.18 -0.35 -0.39	15.22 -0.30 -0.37	15.85 -0.27 -0.35	16.71 -0.20 -0.27	16.85 -0.18 -0.23	18.01 -0.18 -0.20	21.25 -0.39 -0.17	23.35 -0.21 -0.46	23.35 -0.30 -0.40	24.16 -0.36 -0.20	23.36 -0.09 -0.05	21.38 -0.15 0.00	20.17 -0.14 0.00	18.59 -0.15 -0.07
HUNTLEY___65 23559	19.48 -0.06 0.00	17.52 0.00 0.00	17.22 0.09 -0.01	15.22 0.04 -0.19	15.20 0.04 -0.17	17.77 0.07 0.00	18.11 -0.24 -0.03	16.49 -0.44 -0.17	15.26 -0.37 -0.37	15.27 -0.46 -0.40	15.18 -0.35 -0.39	15.22 -0.30 -0.37	15.85 -0.27 -0.35	16.71 -0.20 -0.27	16.85 -0.18 -0.23	18.01 -0.18 -0.20	21.25 -0.39 -0.17	23.35 -0.21 -0.46	23.35 -0.30 -0.40	24.16 -0.36 -0.20	23.36 -0.09 -0.05	21.38 -0.15 0.00	20.17 -0.14 0.00	18.59 -0.15 -0.07
HUNTLEY___66 23560	19.48 -0.06 0.00	17.52 0.00 0.00	17.22 0.09 -0.01	15.22 0.04 -0.19	15.20 0.04 -0.17	17.77 0.07 0.00	18.11 -0.24 -0.03	16.49 -0.44 -0.17	15.26 -0.37 -0.37	15.27 -0.46 -0.40	15.18 -0.35 -0.39	15.22 -0.30 -0.37	15.85 -0.27 -0.35	16.71 -0.20 -0.27	16.85 -0.18 -0.23	18.01 -0.18 -0.20	21.25 -0.39 -0.17	23.35 -0.21 -0.46	23.35 -0.30 -0.40	24.16 -0.36 -0.20	23.36 -0.09 -0.05	21.38 -0.15 0.00	20.17 -0.14 0.00	18.59 -0.15 -0.07
HUNTLEY___67 23561	19.40 -0.14 0.00	17.45 -0.07 0.00	17.12 -0.02 -0.01	15.12 -0.06 -0.20	15.09 -0.06 -0.17	17.70 0.00 0.00	18.03 -0.31 -0.03	16.44 -0.49 -0.18	15.22 -0.41 -0.37	15.23 -0.51 -0.41	15.13 -0.41 -0.40	15.18 -0.35 -0.38	15.81 -0.32 -0.35	16.65 -0.27 -0.28	16.79 -0.25 -0.23	17.95 -0.25 -0.21	21.17 -0.47 -0.17	23.27 -0.30 -0.46	23.26 -0.40 -0.40	24.07 -0.46 -0.20	23.24 -0.21 -0.05	21.32 -0.22 0.00	20.11 -0.20 0.00	18.50 -0.24 -0.07
HUNTLEY___68 23562	19.40 -0.14 0.00	17.45 -0.07 0.00	17.12 -0.02 -0.01	15.12 -0.06 -0.20	15.09 -0.06 -0.17	17.70 0.00 0.00	18.03 -0.31 -0.03	16.44 -0.49 -0.18	15.22 -0.41 -0.37	15.23 -0.51 -0.41	15.13 -0.41 -0.40	15.18 -0.35 -0.38	15.81 -0.32 -0.35	16.65 -0.27 -0.28	16.79 -0.25 -0.23	17.95 -0.25 -0.21	21.17 -0.47 -0.17	23.27 -0.30 -0.46	23.26 -0.40 -0.40	24.07 -0.46 -0.20	23.24 -0.21 -0.05	21.32 -0.22 0.00	20.11 -0.20 0.00	18.50 -0.24 -0.07
HYLAND___LFGE 323620	20.46 0.92 0.00	18.29 0.77 0.00	17.87 0.74 -0.01	15.81 0.61 -0.21	15.83 0.66 -0.18	18.52 0.81 0.00	19.10 0.75 -0.03	17.56 0.62 -0.19	16.11 0.44 -0.40	15.98 0.21 -0.44	15.73 0.17 -0.43	15.71 0.15 -0.40	16.34 0.19 -0.38	17.17 0.23 -0.30	17.34 0.29 -0.25	18.61 0.40 -0.22	22.26 0.62 -0.17	24.72 1.15 -0.46	24.93 1.28 -0.40	25.97 1.44 -0.20	24.95 1.50 -0.05	22.78 1.25 0.00	21.45 1.14 0.00	19.56 0.82 -0.07
INDECK___CORINTH 23802	20.69 1.15 0.00	18.57 1.05 0.00	18.30 1.08 -0.10	19.22 0.93 -3.31	18.77 0.93 -2.86	18.85 1.15 0.00	20.01 1.21 -0.48	20.96 1.24 -2.97	21.94 0.95 -5.73	22.75 1.10 -6.33	22.26 0.97 -6.15	21.87 0.94 -5.77	22.14 0.91 -5.46	21.78 0.86 -4.28	21.24 0.86 -3.57	22.05 0.90 -3.16	25.37 1.24 -2.66	31.50 1.25 -7.15	30.79 1.32 -6.21	28.93 1.51 -3.09	25.98 1.83 -0.75	22.91 1.38 0.00	21.69 1.38 0.00	20.98 1.27 -1.04
INDECK___ILION 23567	19.66 0.12 0.00	17.62 0.11 0.00	17.21 0.09 0.00	15.04 0.06 0.00	15.06 0.07 0.00	17.77 0.07 0.00	18.39 0.07 0.00	16.78 0.03 0.00	15.25 -0.02 0.00	15.31 -0.02 0.00	15.12 -0.02 0.00	15.13 -0.03 0.00	15.72 -0.05 0.00	16.60 -0.03 0.00	16.76 -0.05 0.00	17.94 -0.05 0.00	21.44 -0.02 0.00	23.11 0.00 0.00	23.28 0.02 0.00	24.36 0.02 0.00	23.43 0.02 0.00	21.57 0.04 0.00	20.33 0.02 0.00	18.71 0.04 0.00

INDECK___OLEAN 23982	19.52 -0.02 0.00	17.53 0.02 0.00	17.17 0.03 -0.01	14.90 -0.32 -0.23	14.88 -0.30 -0.20	17.79 0.09 0.00	18.28 -0.07 -0.03	16.42 -0.54 -0.21	15.24 -0.46 -0.43	15.25 -0.55 -0.48	15.15 -0.45 -0.46	15.15 -0.44 -0.43	15.74 -0.44 -0.41	16.56 -0.40 -0.32	16.69 -0.39 -0.27	17.89 -0.34 -0.24	21.16 -0.49 -0.19	23.30 -0.30 -0.50	23.27 -0.42 -0.43	24.08 -0.46 -0.22	23.20 -0.26 -0.05	21.64 0.11 0.00	20.41 0.10 0.00	18.24 -0.50 -0.07
INDECK___OSWEGO 23783	19.77 0.24 0.00	17.73 0.21 0.00	17.32 0.19 0.00	15.25 0.17 -0.10	15.26 0.18 -0.09	17.93 0.23 0.00	18.59 0.26 -0.02	17.10 0.25 -0.09	15.57 0.09 -0.21	15.60 0.05 -0.24	15.41 0.05 -0.23	15.43 0.06 -0.21	16.02 0.05 -0.20	16.86 0.07 -0.16	17.01 0.07 -0.13	18.15 0.04 -0.12	21.83 0.28 -0.08	23.75 0.42 -0.22	23.91 0.46 -0.19	25.01 0.58 -0.10	23.99 0.56 -0.02	22.03 0.50 0.00	20.76 0.45 0.00	19.02 0.32 -0.03
INDECK___YERKES 23781	19.50 -0.04 0.00	17.53 0.02 0.00	17.24 0.10 -0.01	15.22 0.05 -0.19	15.21 0.06 -0.17	17.79 0.09 0.00	18.18 -0.17 -0.03	16.50 -0.42 -0.17	15.28 -0.35 -0.37	15.28 -0.44 -0.40	15.20 -0.33 -0.39	15.22 -0.30 -0.37	15.87 -0.25 -0.35	16.73 -0.18 -0.27	16.87 -0.17 -0.23	18.03 -0.16 -0.20	21.25 -0.37 -0.15	23.34 -0.19 -0.42	23.34 -0.28 -0.36	24.17 -0.34 -0.18	23.38 -0.07 -0.04	21.40 -0.13 0.00	20.25 -0.06 0.00	18.60 -0.13 -0.06
INDIAN POINT_GT_1 24139	20.48 0.94 0.00	18.34 0.82 0.00	17.97 0.77 -0.07	18.10 0.63 -0.24	17.77 0.63 -0.15	18.48 0.78 0.00	19.56 0.88 -0.36	19.83 0.84 -0.24	20.27 0.69 -0.31	20.79 0.70 -0.77	20.42 0.65 -0.63	20.16 0.65 -0.35	20.59 0.71 -0.11	20.61 0.75 -0.32	20.31 0.81 -0.29	21.26 0.88 -0.38	24.74 1.27 -0.01	29.90 1.41 -0.59	29.33 1.40 -0.68	28.07 1.41 -0.23	25.21 1.24 -0.56	22.69 1.16 0.00	21.32 1.02 0.00	20.41 0.95 -0.78
INDIAN POINT_GT_2 23659	20.48 0.94 0.00	18.34 0.82 0.00	17.97 0.77 -0.07	18.10 0.63 -0.24	17.77 0.63 -0.15	18.48 0.78 0.00	19.56 0.88 -0.36	19.83 0.84 -0.24	20.27 0.69 -0.31	20.79 0.70 -0.77	20.42 0.65 -0.63	20.16 0.65 -0.35	20.59 0.71 -0.11	20.61 0.75 -0.32	20.31 0.81 -0.29	21.26 0.88 -0.38	24.74 1.27 -0.01	29.90 1.41 -0.59	29.33 1.40 -0.68	28.07 1.41 -0.23	25.21 1.24 -0.56	22.69 1.16 0.00	21.32 1.02 0.00	20.41 0.95 -0.78
INDIAN POINT_GT_3 24019	20.48 0.94 0.00	18.34 0.82 0.00	17.97 0.77 -0.07	18.10 0.63 -0.24	17.77 0.63 -0.15	18.48 0.78 0.00	19.56 0.88 -0.36	19.83 0.84 -0.24	20.27 0.69 -0.31	20.79 0.70 -0.77	20.42 0.65 -0.63	20.16 0.65 -0.35	20.59 0.71 -0.11	20.61 0.75 -0.32	20.31 0.81 -0.29	21.26 0.88 -0.38	24.74 1.27 -0.01	29.90 1.41 -0.59	29.33 1.40 -0.68	28.07 1.41 -0.23	25.21 1.24 -0.56	22.69 1.16 0.00	21.32 1.02 0.00	20.41 0.95 -0.78
INDIAN POINT___2 23530	20.46 0.92 0.00	18.34 0.82 0.00	17.95 0.75 -0.07	18.03 0.61 -0.24	17.70 0.61 -0.11	18.46 0.76 0.00	19.53 0.86 -0.36	19.76 0.82 -0.19	20.15 0.67 -0.22	20.67 0.69 -0.66	20.30 0.64 -0.53	20.04 0.64 -0.25	20.48 0.69 -0.42	20.52 0.73 -0.31	20.23 0.79 -0.63	21.19 0.86 -0.23	24.69 1.27 -0.96	29.75 1.39 -0.52	29.20 1.37 -0.47	27.99 1.39 -0.28	25.17 1.22 -0.55	22.67 1.14 0.00	21.28 0.97 0.00	20.37 0.93 -0.76
INDIAN POINT___3 23531	20.46 0.92 0.00	18.34 0.82 0.00	17.97 0.77 -0.07	18.11 0.63 -0.24	17.77 0.63 -0.16	18.48 0.78 0.00	19.54 0.86 -0.36	19.83 0.84 -0.24	20.25 0.67 -0.32	20.78 0.69 -0.77	20.42 0.65 -0.64	20.14 0.64 -0.35	20.58 0.69 -0.12	20.61 0.75 -0.23	20.29 0.79 -0.70	21.24 0.86 -0.23	24.72 1.24 -0.01	29.89 1.39 -0.59	29.31 1.37 -0.69	28.05 1.39 -0.23	25.18 1.22 -0.56	22.67 1.14 0.00	21.30 1.00 0.00	20.39 0.93 -0.78
INGHAM_C_115KV_TB7 356103	19.68 0.14 0.00	17.64 0.12 0.00	17.21 0.09 0.00	15.04 0.06 0.00	15.06 0.07 0.00	17.77 0.07 0.00	18.35 0.04 0.00	16.73 -0.02 0.00	15.19 -0.08 0.00	15.24 -0.08 0.00	15.06 -0.08 0.00	15.05 -0.11 0.00	15.63 -0.14 0.00	16.47 -0.17 0.00	16.62 -0.18 0.00	17.79 -0.20 0.00	21.27 -0.19 0.00	22.92 -0.18 0.00	23.09 -0.16 0.00	24.19 -0.15 0.00	23.24 -0.16 0.00	21.44 -0.09 0.00	20.23 -0.08 0.00	18.61 -0.06 0.00
IP CORINTH___1 23988	20.69 1.15 0.00	18.57 1.05 0.00	18.30 1.08 -0.10	19.22 0.93 -0.31	18.77 0.93 -0.86	18.85 1.15 0.00	20.01 1.21 -0.48	20.96 1.24 -0.29	21.94 0.95 -0.73	22.75 1.10 -0.63	22.25 0.97 -0.61	21.87 0.94 -0.57	22.14 0.91 -0.54	21.78 0.87 -0.48	21.24 0.86 -0.37	22.06 0.90 -0.31	25.37 1.24 -0.26	31.51 1.25 -0.71	30.80 1.33 -0.62	28.93 1.51 -0.39	25.98 1.83 -0.75	22.91 1.38 0.00	21.69 1.38 0.00	20.98 1.27 -1.04
IP___TICONDEROGA 23804	21.43 1.90 0.00	19.25 1.73 0.00	18.94 1.71 -0.10	19.76 1.47 -0.31	19.30 1.45 -0.86	19.53 1.82 0.00	20.70 1.90 -0.48	21.78 2.06 -0.29	22.57 1.59 -0.72	23.54 1.90 -0.62	23.05 1.77 -0.61	22.64 1.71 -0.57	22.86 1.64 -0.54	22.54 1.63 -0.48	21.96 1.58 -0.37	22.83 1.67 -0.31	26.36 2.23 -0.66	32.43 2.17 -0.71	31.82 2.35 -0.62	30.08 2.65 -0.39	27.31 3.16 -0.75	23.90 2.37 0.00	22.52 2.21 0.00	21.69 1.98 -1.04
ISLIP_RES_REC 323679	21.24 1.70 0.00	18.99 1.47 0.00	18.50 1.30 -0.07	18.55 1.03 -0.24	18.23 1.05 -0.19	19.01 1.31 0.00	20.13 1.45 -0.37	20.42 1.39 -0.28	20.89 1.24 -0.39	21.47 1.30 -0.85	21.19 1.33 -0.72	20.93 1.33 -0.44	21.38 1.42 -0.19	21.70 1.51 -0.35	23.92 1.61 -0.54	24.80 1.78 -0.53	27.96 2.49 -0.41	33.22 2.73 -0.79	33.73 2.70 -0.77	57.68 2.77 -0.30	28.03 2.55 -0.07	25.22 2.28 -0.14	24.00 2.13 -0.56	21.24 1.77 -0.80
JAMAICA__27_KV_LOAD 355505	20.55 1.02 0.00	18.41 0.89 0.00	18.01 0.81 -0.07	18.15 0.63 -0.24	17.82 0.64 -0.19	18.52 0.81 0.00	19.66 0.97 -0.37	20.02 0.99 -0.28	20.48 0.82 -0.39	21.02 0.84 -0.85	20.52 0.67 -0.71	20.26 0.68 -0.42	20.71 0.76 -0.18	20.73 0.82 -0.38	20.46 0.91 -0.24	21.41 0.99 -0.24	24.97 1.46 -0.04	30.19 1.59 -0.48	29.60 1.58 -0.47	28.29 1.58 -0.23	25.29 1.31 -0.57	22.80 1.27 0.00	21.49 1.18 0.00	20.55 1.08 -0.80
JANIS___SOLAR 323808	20.32 0.78 0.00	18.22 0.70 0.00	17.77 0.63 -0.01	15.85 0.52 -0.34	15.85 0.57 -0.30	18.43 0.73 0.00	19.12 0.75 -0.05	17.73 0.67 -0.31	16.33 0.44 -0.62	16.34 0.34 -0.68	16.08 0.27 -0.67	16.01 0.23 -0.62	16.57 0.20 -0.59	17.35 0.25 -0.46	17.45 0.25 -0.39	18.64 0.31 -0.34	22.36 0.62 -0.28	24.75 0.90 -0.74	25.02 1.12 -0.64	25.99 1.34 -0.32	24.77 1.29 -0.08	22.65 1.12 0.00	21.28 0.97 0.00	19.53 0.75 -0.11
JARVIS____ 23743	19.58 0.04 0.00	17.55 0.04 0.00	17.16 0.03 0.00	15.00 0.01 0.00	15.01 0.03 0.00	17.74 0.04 0.00	18.33 0.02 0.00	16.77 0.02 0.00	15.25 -0.02 0.00	15.31 -0.02 0.00	15.12 -0.02 0.00	15.13 -0.03 0.00	15.74 -0.03 0.00	16.62 -0.02 0.00	16.78 -0.03 0.00	17.96 -0.04 0.00	21.46 0.00 0.00	23.13 0.02 0.00	23.28 0.02 0.00	24.36 0.02 0.00	23.43 0.02 0.00	21.55 0.02 0.00	20.33 0.02 0.00	18.69 0.02 0.00

JENNISON___1 23625	20.44 0.90 0.00	18.31 0.79 0.00	17.86 0.72 -0.01	16.02 0.58 -0.46	16.01 0.63 -0.39	18.52 0.81 0.00	19.15 0.77 -0.07	17.90 0.74 -0.41	16.64 0.56 -0.81	16.72 0.51 -0.89	16.48 0.47 -0.87	16.41 0.44 -0.82	16.97 0.43 -0.77	17.74 0.50 -0.60	17.80 0.49 -0.51	19.00 0.56 -0.45	22.66 0.82 -0.38	25.18 1.06 -1.01	25.37 1.23 -0.88	26.20 1.44 -0.44	24.89 1.38 -0.11	22.71 1.18 0.00	21.34 1.04 0.00	19.62 0.80 -0.15
JENNISON___2 23626	20.44 0.90 0.00	18.31 0.79 0.00	17.86 0.72 -0.01	16.02 0.58 -0.46	16.01 0.63 -0.39	18.52 0.81 0.00	19.15 0.77 -0.07	17.90 0.74 -0.41	16.64 0.56 -0.81	16.72 0.51 -0.89	16.48 0.47 -0.87	16.41 0.44 -0.82	16.97 0.43 -0.77	17.74 0.50 -0.60	17.80 0.49 -0.51	19.00 0.56 -0.45	22.66 0.82 -0.38	25.18 1.06 -1.01	25.37 1.23 -0.88	26.20 1.44 -0.44	24.89 1.38 -0.11	22.71 1.18 0.00	21.34 1.04 0.00	19.62 0.80 -0.15
JERICHO_RISE_WT_PWR 323719	19.75 0.22 0.00	17.66 0.14 0.00	17.26 0.14 0.00	15.13 0.15 0.00	15.09 0.11 0.00	17.79 0.09 0.00	18.45 0.13 0.00	16.90 0.15 0.00	15.46 0.20 0.00	15.61 0.29 0.00	15.40 0.26 0.00	15.38 0.23 0.00	15.91 0.14 0.00	16.65 0.02 0.00	16.71 -0.10 0.00	17.83 -0.16 0.00	21.23 -0.24 0.00	22.76 -0.35 0.00	22.81 -0.44 0.00	23.70 -0.63 0.00	22.75 -0.66 0.00	20.97 -0.56 0.00	19.84 -0.47 0.00	18.24 -0.43 0.00
KATONAH___115KV_46KV_TB4 355592	20.61 1.07 0.00	18.45 0.93 0.00	18.09 0.89 -0.08	18.31 0.73 -2.59	17.94 0.72 -2.24	18.57 0.87 0.00	19.65 0.95 -0.38	20.00 0.92 -2.33	20.51 0.76 -4.49	21.07 0.80 -4.96	20.68 0.73 -4.82	20.37 0.70 -4.52	20.82 0.77 -4.27	20.82 0.83 -3.35	20.50 0.89 -2.80	21.44 0.97 -2.48	24.92 1.37 -2.09	30.23 1.53 -5.60	29.64 1.51 -4.87	28.34 1.58 -2.42	25.37 1.38 -0.59	22.84 1.31 0.00	21.45 1.14 0.00	20.49 1.01 -0.81
KCE_NY_1 323755	20.57 1.03 0.00	18.46 0.95 0.00	18.17 0.94 -0.10	19.10 0.81 -3.30	18.65 0.81 -2.86	18.69 0.99 0.00	19.84 1.04 -0.48	20.74 1.02 -2.97	21.76 0.78 -5.72	22.49 0.86 -6.32	22.11 0.83 -6.14	21.74 0.82 -5.76	22.04 0.82 -5.45	21.76 0.85 -4.27	21.22 0.84 -3.57	22.05 0.90 -3.16	25.32 1.20 -2.66	31.49 1.25 -7.14	30.76 1.30 -6.20	28.85 1.44 -3.09	25.69 1.54 -0.75	22.76 1.23 0.00	21.45 1.14 0.00	20.79 1.08 -1.04
KCE_NY_6_ESR 323823	19.62 0.08 0.00	17.64 0.12 0.00	17.29 0.15 -0.01	15.20 0.01 -0.20	15.19 0.03 -0.18	17.90 0.20 0.00	18.31 -0.04 -0.03	16.60 -0.33 -0.18	15.36 -0.29 -0.39	15.37 -0.38 -0.43	15.28 -0.27 -0.41	15.30 -0.24 -0.39	15.93 -0.21 -0.37	16.79 -0.13 -0.29	16.93 -0.12 -0.24	18.10 -0.11 -0.21	21.37 -0.26 -0.16	23.48 -0.07 -0.44	23.48 -0.16 -0.38	24.30 -0.22 -0.19	23.47 0.02 -0.05	21.60 0.06 0.00	20.41 0.10 0.00	18.61 -0.13 -0.06
KEDC_PORT_JEFF_GT2 24210	21.12 1.58 0.00	18.88 1.37 0.00	18.40 1.20 -0.07	18.48 0.96 -2.54	18.15 0.97 -2.19	18.92 1.22 0.00	20.02 1.34 -0.37	20.34 1.31 -2.28	20.80 1.15 -4.39	21.38 1.21 -4.85	21.10 1.24 -4.72	20.84 1.24 -4.44	21.28 1.32 -4.19	21.60 1.41 -3.55	23.80 1.50 -5.49	24.67 1.65 -5.03	28.12 2.30 -4.35	33.03 2.52 -7.40	33.55 2.51 -7.78	62.46 2.55 -35.58	28.10 2.36 -2.33	25.05 2.11 -1.41	23.86 1.99 -1.56	21.13 1.66 -0.80
KEDC_PORT_JEFF_GT3 24211	21.12 1.58 0.00	18.88 1.37 0.00	18.40 1.20 -0.07	18.48 0.96 -2.54	18.15 0.97 -2.19	18.92 1.22 0.00	20.02 1.34 -0.37	20.34 1.31 -2.28	20.80 1.15 -4.39	21.38 1.21 -4.85	21.10 1.24 -4.72	20.84 1.24 -4.44	21.28 1.32 -4.19	21.60 1.41 -3.55	23.80 1.50 -5.49	24.67 1.65 -5.03	28.12 2.30 -4.35	33.03 2.52 -7.40	33.55 2.51 -7.78	62.46 2.55 -35.58	28.10 2.36 -2.33	25.05 2.11 -1.41	23.86 1.99 -1.56	21.13 1.66 -0.80
KEDC_GLWD_GT4 24219	20.75 1.21 0.00	18.57 1.05 0.00	18.14 0.94 -0.07	18.28 0.76 -2.54	17.94 0.76 -2.19	18.66 0.96 0.00	19.75 1.06 -0.37	20.07 1.04 -2.28	20.56 0.90 -4.39	21.12 0.95 -4.85	20.82 0.97 -4.72	20.57 0.97 -4.44	21.00 1.04 -4.19	21.28 1.10 -3.55	23.46 1.16 -5.50	24.27 1.26 -5.02	25.24 1.72 -2.06	32.31 1.87 -7.33	32.83 1.86 -7.71	28.62 1.90 -2.39	25.70 1.71 -0.59	24.53 1.59 -1.41	23.27 1.40 -1.56	20.74 1.27 -0.80
KEDC_GLWD_GT5 24220	20.75 1.21 0.00	18.57 1.05 0.00	18.14 0.94 -0.07	18.28 0.76 -2.54	17.94 0.76 -2.19	18.66 0.96 0.00	19.75 1.06 -0.37	20.07 1.04 -2.28	20.56 0.90 -4.39	21.12 0.95 -4.85	20.82 0.97 -4.72	20.57 0.97 -4.44	21.00 1.04 -4.19	21.28 1.10 -3.55	23.46 1.16 -5.50	24.27 1.26 -5.02	25.24 1.72 -2.06	32.31 1.87 -7.33	32.83 1.86 -7.71	28.62 1.90 -2.39	25.70 1.71 -0.59	24.53 1.59 -1.41	23.27 1.40 -1.56	20.74 1.27 -0.80
KENSICO____ 23655	20.54 1.00 0.00	18.39 0.88 0.00	18.02 0.82 -0.07	18.18 0.67 -2.53	17.84 0.67 -2.18	18.53 0.83 0.00	19.62 0.93 -0.37	19.93 0.90 -2.27	20.37 0.73 -4.37	20.91 0.75 -4.83	20.55 0.71 -4.70	20.28 0.71 -4.41	20.71 0.77 -4.17	20.72 0.82 -3.27	20.41 0.87 -2.73	21.36 0.95 -2.42	24.85 1.35 -2.03	30.05 1.48 -5.46	29.47 1.47 -4.75	28.20 1.51 -2.36	25.29 1.31 -0.57	22.78 1.25 0.00	21.39 1.08 0.00	20.47 1.01 -0.79
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	20.50 0.96 0.00	18.32 0.81 0.00	17.95 0.75 -0.07	17.85 0.60 -2.26	17.56 0.61 -1.96	18.43 0.73 0.00	19.45 0.81 -0.33	19.54 0.75 -2.03	19.76 0.58 -3.92	20.23 0.58 -4.33	19.84 0.50 -4.21	19.59 0.49 -3.95	19.87 0.36 -3.73	19.96 0.40 -2.93	19.71 0.45 -2.45	20.68 0.52 -2.16	24.19 0.90 -1.82	29.06 1.06 -4.89	28.65 1.14 -4.25	27.62 1.17 -2.12	25.11 1.19 -0.51	22.65 1.12 0.00	21.24 0.93 0.00	20.26 0.88 -0.71
KIAC_JFK_GT1 23816	20.44 0.90 0.00	18.31 0.79 0.00	17.92 0.72 -0.07	18.07 0.55 -2.54	17.75 0.57 -2.19	18.43 0.73 0.00	19.57 0.88 -0.37	19.93 0.90 -2.28	20.39 0.73 -4.39	20.94 0.77 -4.85	20.44 0.59 -4.71	20.19 0.61 -4.42	20.63 0.68 -4.18	20.65 0.73 -3.28	20.37 0.82 -2.74	21.30 0.88 -2.43	24.84 1.33 -2.04	30.02 1.43 -5.48	29.44 1.42 -4.77	28.14 1.44 -2.37	25.15 1.17 -0.57	22.67 1.14 0.00	21.37 1.06 0.00	20.46 0.99 -0.80
KIAC_JFK_GT2 23817	20.44 0.90 0.00	18.31 0.79 0.00	17.92 0.72 -0.07	18.07 0.55 -2.54	17.75 0.57 -2.19	18.43 0.73 0.00	19.57 0.88 -0.37	19.93 0.90 -2.28	20.39 0.73 -4.39	20.94 0.77 -4.85	20.44 0.59 -4.71	20.19 0.61 -4.42	20.63 0.68 -4.18	20.65 0.73 -3.28	20.37 0.82 -2.74	21.30 0.88 -2.43	24.84 1.33 -2.04	30.02 1.43 -5.48	29.44 1.42 -4.77	28.14 1.44 -2.37	25.15 1.17 -0.57	22.67 1.14 0.00	21.37 1.06 0.00	20.46 0.99 -0.80
KIAC_JFK____ 323774	20.44 0.90 0.00	18.31 0.79 0.00	17.92 0.72 -0.07	18.07 0.55 -2.54	17.75 0.57 -2.19	18.43 0.73 0.00	19.57 0.88 -0.37	19.93 0.90 -2.28	20.40 0.75 -4.39	20.94 0.77 -4.85	20.44 0.59 -4.71	20.19 0.61 -4.42	20.63 0.68 -4.18	20.65 0.73 -3.28	20.37 0.82 -2.74	21.30 0.88 -2.43	24.84 1.33 -2.04	30.00 1.41 -5.48	29.41 1.40 -4.76	28.14 1.44 -2.37	25.15 1.17 -0.57	22.67 1.14 0.00	21.36 1.06 0.00	20.44 0.97 -0.80

KINTIGH____ 23543	19.32 -0.21 0.00	17.36 -0.16 0.00	17.03 -0.10 0.00	15.14 -0.01 -0.17	15.11 -0.01 -0.15	17.61 -0.09 0.00	18.10 -0.24 -0.02	16.52 -0.39 -0.15	15.24 -0.35 -0.32	15.25 -0.43 -0.36	15.15 -0.33 -0.35	15.20 -0.29 -0.33	15.83 -0.25 -0.31	16.66 -0.22 -0.24	16.81 -0.20 -0.20	17.97 -0.20 -0.18	21.25 -0.36 -0.15	23.33 -0.18 -0.41	23.33 -0.28 -0.35	24.17 -0.34 -0.18	23.33 -0.12 -0.04	21.27 -0.26 0.00	20.07 -0.24 0.00	18.58 -0.15 -0.06
KNTFSRNC_46_KV_46KV_LOAD 80397	20.01 0.47 0.00	17.87 0.35 0.00	17.45 0.33 0.00	15.31 0.33 0.00	15.25 0.27 0.00	18.00 0.30 0.00	18.68 0.37 0.00	17.12 0.37 0.00	15.68 0.41 0.00	15.84 0.52 0.00	15.61 0.47 0.00	15.60 0.44 0.00	16.13 0.36 0.00	16.87 0.23 0.00	16.93 0.12 0.00	18.06 0.07 0.00	21.53 0.06 0.00	23.15 0.05 0.00	23.19 -0.07 0.00	24.09 -0.24 0.00	23.10 -0.30 0.00	21.29 -0.24 0.00	20.11 -0.20 0.00	18.47 -0.21 0.00
LACHUTE__HYDRO 323717	21.43 1.89 0.00	19.25 1.73 0.00	18.94 1.71 -0.10	19.76 1.47 -3.31	19.30 1.45 -2.86	19.53 1.82 0.00	20.72 1.92 -0.48	21.78 2.06 -2.97	22.56 1.57 -5.72	23.54 1.90 -6.32	23.05 1.77 -6.14	22.63 1.71 -5.77	22.86 1.64 -5.45	22.54 1.63 -4.28	21.96 1.58 -3.57	22.83 1.67 -3.16	26.36 2.23 -2.66	32.42 2.17 -7.14	31.81 2.35 -6.21	30.07 2.65 -3.09	27.31 3.16 -0.75	23.90 2.37 0.00	22.52 2.21 0.00	21.69 1.98 -1.04
LAWRNCV_115KV_TB1 80681	19.05 -0.49 0.00	17.03 -0.49 0.00	16.65 -0.48 0.00	14.61 -0.37 0.00	14.58 -0.40 0.00	17.21 -0.50 0.00	17.86 -0.46 0.00	16.38 -0.37 0.00	14.97 -0.29 0.00	15.11 -0.21 0.00	14.91 -0.23 0.00	14.91 -0.24 0.00	15.49 -0.28 0.00	16.29 -0.35 0.00	16.44 -0.37 0.00	17.56 -0.43 0.00	20.93 -0.54 0.00	22.46 -0.65 0.00	22.56 -0.70 0.00	23.58 -0.75 0.00	22.65 -0.75 0.00	20.86 -0.67 0.00	19.70 -0.61 0.00	18.09 -0.58 0.00
LEDERLE____ 23769	20.52 0.98 0.00	18.39 0.88 0.00	18.00 0.81 -0.07	18.02 0.66 -2.38	17.70 0.66 -2.06	18.52 0.81 0.00	19.58 0.92 -0.35	19.76 0.87 -2.14	20.08 0.70 -4.12	20.59 0.72 -4.55	20.24 0.68 -4.42	19.99 0.68 -4.15	20.42 0.73 -3.92	20.49 0.78 -3.08	20.20 0.82 -2.57	21.18 0.92 -2.27	24.69 1.31 -1.91	29.70 1.46 -5.14	29.17 1.44 -4.47	28.04 1.48 -2.22	25.25 1.31 -0.54	22.76 1.23 0.00	21.37 1.06 0.00	20.41 0.99 -0.75
LIGHTHSE_115KV_TB6 355974	19.64 0.10 0.00	17.60 0.09 0.00	17.18 0.05 0.00	15.12 0.04 -0.09	15.14 0.07 -0.08	17.79 0.09 0.00	18.46 0.13 -0.01	16.97 0.13 -0.08	15.44 -0.02 -0.19	15.47 -0.06 -0.21	15.28 -0.06 -0.20	15.29 -0.06 -0.19	15.86 -0.09 -0.18	16.68 -0.10 -0.14	16.81 -0.12 -0.12	17.95 -0.14 -0.11	21.55 0.00 -0.09	23.48 0.14 -0.24	23.67 0.21 -0.21	24.75 0.32 -0.10	23.73 0.30 -0.02	21.77 0.24 0.00	20.55 0.24 0.00	18.85 0.15 -0.03
LINDEN COGEN____ 23786	20.52 0.98 0.00	18.39 0.88 0.00	17.99 0.79 -0.07	18.15 0.63 -2.54	17.82 0.64 -2.19	18.50 0.80 0.00	19.62 0.93 -0.37	19.95 0.92 -2.28	20.42 0.76 -4.39	20.94 0.77 -4.85	20.55 0.70 -4.71	20.29 0.71 -4.42	20.74 0.79 -4.18	20.72 0.80 -3.28	20.44 0.89 -2.74	21.37 0.95 -2.43	24.90 1.39 -2.04	30.09 1.50 -5.48	29.48 1.47 -4.76	28.19 1.48 -2.37	25.24 1.26 -0.57	22.74 1.20 0.00	21.34 1.04 0.00	20.49 1.03 -0.80
LINDHRST_69_KV_BK1 356055	21.08 1.54 0.00	18.83 1.31 0.00	18.35 1.15 -0.07	18.43 0.91 -2.54	18.11 0.93 -2.19	18.87 1.17 0.00	19.97 1.28 -0.37	20.29 1.26 -2.28	20.76 1.10 -4.39	21.35 1.18 -4.85	21.08 1.23 -4.72	20.83 1.23 -4.44	21.27 1.31 -4.19	21.57 1.38 -3.55	23.77 1.46 -5.50	24.60 1.58 -5.02	25.92 2.19 -2.26	32.81 2.36 -7.35	33.33 2.35 -7.73	32.06 2.43 -5.29	26.37 2.22 -0.75	24.96 2.02 -1.41	23.77 1.91 -1.56	21.07 1.61 -0.80
LIPA_MISC_IPP 23656	21.14 1.60 0.00	18.92 1.40 0.00	18.42 1.22 -0.07	18.49 0.97 -2.54	18.17 0.99 -2.19	18.94 1.24 0.00	20.04 1.36 -0.37	20.35 1.32 -2.28	20.77 1.11 -4.39	21.38 1.21 -4.85	21.10 1.24 -4.72	20.84 1.24 -4.44	21.27 1.31 -4.19	21.60 1.41 -3.55	23.82 1.51 -5.50	24.69 1.67 -5.02	28.14 2.34 -4.34	33.00 2.47 -7.42	33.54 2.49 -7.80	62.08 2.60 -35.14	28.14 2.41 -2.32	25.09 2.15 -1.41	23.90 2.03 -1.56	21.15 1.68 -0.80
LISF__SOLAR 323691	21.16 1.62 0.00	18.93 1.42 0.00	18.45 1.25 -0.07	18.52 1.00 -2.54	18.18 1.00 -2.19	18.96 1.26 0.00	20.08 1.39 -0.37	20.37 1.34 -2.28	20.83 1.18 -4.39	21.40 1.23 -4.85	21.13 1.27 -4.72	20.86 1.26 -4.44	21.30 1.34 -4.19	21.62 1.43 -3.55	23.83 1.53 -5.49	24.73 1.71 -5.03	28.15 2.38 -4.30	33.12 2.61 -7.41	33.65 2.60 -7.79	61.73 2.68 -34.72	28.18 2.48 -2.30	25.14 2.20 -1.41	23.94 2.07 -1.56	21.18 1.72 -0.80
LITTLE FALLS__HYD 24013	19.68 0.14 0.00	17.64 0.12 0.00	17.21 0.09 0.00	15.04 0.06 0.00	15.06 0.07 0.00	17.77 0.07 0.00	18.35 0.04 0.00	16.73 -0.02 0.00	15.19 -0.08 0.00	15.24 -0.08 0.00	15.06 -0.08 0.00	15.05 -0.11 0.00	15.63 -0.14 0.00	16.47 -0.17 0.00	16.62 -0.18 0.00	17.79 -0.20 0.00	21.27 -0.19 0.00	22.92 -0.18 0.00	23.09 -0.16 0.00	24.19 -0.15 0.00	23.24 -0.16 0.00	21.44 -0.09 0.00	20.23 -0.08 0.00	18.61 -0.06 0.00
LITTLRIV_115KV_TB1 356100	19.19 -0.35 0.00	17.15 -0.37 0.00	16.75 -0.38 0.00	14.70 -0.28 0.00	14.68 -0.30 0.00	17.33 -0.37 0.00	17.99 -0.33 0.00	16.52 -0.23 0.00	15.08 -0.18 0.00	15.21 -0.11 0.00	15.02 -0.12 0.00	15.01 -0.15 0.00	15.58 -0.19 0.00	16.40 -0.23 0.00	16.54 -0.27 0.00	17.69 -0.31 0.00	21.08 -0.39 0.00	22.62 -0.49 0.00	22.77 -0.49 0.00	23.82 -0.51 0.00	22.89 -0.51 0.00	21.04 -0.50 0.00	19.86 -0.45 0.00	18.22 -0.45 0.00
LI_NEWBRDGE__DRP 323616	20.69 1.15 0.00	18.50 0.98 0.00	18.04 0.84 -0.07	18.18 0.66 -2.54	17.85 0.67 -2.19	18.55 0.85 0.00	19.64 0.95 -0.37	19.98 0.95 -2.28	20.47 0.81 -4.39	21.06 0.89 -4.85	20.79 0.94 -4.72	20.52 0.92 -4.44	20.97 1.01 -4.19	21.23 1.05 -3.55	23.41 1.11 -5.50	24.22 1.21 -5.02	25.18 1.65 -2.06	32.25 1.80 -7.34	32.77 1.79 -7.72	28.55 1.82 -2.39	25.66 1.66 -0.59	24.49 1.55 -1.41	23.31 1.44 -1.56	20.70 1.23 -0.80
LOCKPORT_115KV_TB60_63_64 80432	19.40 -0.14 0.00	17.46 -0.05 0.00	17.05 -0.09 -0.01	15.08 -0.09 -0.18	15.05 -0.09 -0.16	17.72 0.02 0.00	17.98 -0.37 -0.03	16.40 -0.52 -0.17	15.16 -0.46 -0.35	15.16 -0.55 -0.39	15.08 -0.44 -0.38	15.12 -0.39 -0.35	15.74 -0.36 -0.34	16.60 -0.30 -0.26	16.73 -0.30 -0.22	17.88 -0.31 -0.19	21.09 -0.54 -0.16	23.20 -0.35 -0.44	23.20 -0.44 -0.38	24.01 -0.51 -0.19	23.19 -0.26 -0.05	21.23 -0.30 0.00	20.00 -0.30 0.00	18.45 -0.28 -0.06
LOCKPORT__CC1 323769	19.40 -0.14 0.00	17.46 -0.05 0.00	17.07 -0.07 -0.01	15.08 -0.09 -0.19	15.07 -0.07 -0.16	17.72 0.02 0.00	18.03 -0.31 -0.03	16.40 -0.52 -0.17	15.18 -0.44 -0.35	15.16 -0.55 -0.39	15.08 -0.44 -0.38	15.12 -0.39 -0.36	15.76 -0.35 -0.34	16.60 -0.30 -0.26	16.74 -0.29 -0.22	17.90 -0.29 -0.20	21.10 -0.52 -0.15	23.16 -0.35 -0.40	23.16 -0.44 -0.35	23.99 -0.51 -0.17	23.19 -0.26 -0.04	21.23 -0.30 0.00	20.11 -0.20 0.00	18.47 -0.26 -0.06

LOCKPORT___CC2 323770	19.40 -0.14 0.00	17.46 -0.05 0.00	17.07 -0.07 -0.01	15.08 -0.09 -0.19	15.07 -0.07 -0.16	17.72 0.02 0.00	18.03 -0.31 -0.03	16.40 -0.52 -0.17	15.18 -0.44 -0.35	15.16 -0.55 -0.39	15.08 -0.44 -0.38	15.12 -0.39 -0.36	15.76 -0.35 -0.34	16.60 -0.30 -0.26	16.74 -0.29 -0.22	17.90 -0.29 -0.20	21.10 -0.52 -0.15	23.16 -0.35 -0.40	23.16 -0.44 -0.35	23.99 -0.51 -0.17	23.19 -0.26 -0.04	21.23 -0.30 0.00	20.11 -0.20 0.00	18.47 -0.26 -0.06
LOCKPORT___CC3 323771	19.40 -0.14 0.00	17.46 -0.05 0.00	17.07 -0.07 -0.01	15.08 -0.09 -0.19	15.07 -0.07 -0.16	17.72 0.02 0.00	18.03 -0.31 -0.03	16.40 -0.52 -0.17	15.18 -0.44 -0.35	15.16 -0.55 -0.39	15.08 -0.44 -0.38	15.12 -0.39 -0.36	15.76 -0.35 -0.34	16.60 -0.30 -0.26	16.74 -0.29 -0.22	17.90 -0.29 -0.20	21.10 -0.52 -0.15	23.16 -0.35 -0.40	23.16 -0.44 -0.35	23.99 -0.51 -0.17	23.19 -0.26 -0.04	21.23 -0.30 0.00	20.11 -0.20 0.00	18.47 -0.26 -0.06
LONG_LAKE_PHOENIX 24014	19.70 0.16 0.00	17.66 0.14 0.00	17.27 0.14 0.00	15.21 0.12 -0.11	15.20 0.12 -0.09	17.86 0.16 0.00	18.51 0.18 -0.02	17.03 0.18 -0.09	15.49 0.02 -0.21	15.54 -0.02 -0.24	15.35 -0.02 -0.23	15.39 0.02 -0.22	15.97 0.00 -0.20	16.81 0.02 -0.16	16.96 0.02 -0.13	18.09 -0.02 -0.12	21.78 0.21 -0.10	23.72 0.35 -0.27	23.88 0.40 -0.23	24.93 0.49 -0.12	23.90 0.47 -0.03	21.94 0.41 0.00	20.65 0.35 0.00	18.95 0.24 -0.04
LOVETT___3 23632	20.44 0.90 0.00	18.32 0.81 0.00	17.95 0.75 -0.07	17.98 0.60 -2.39	17.67 0.61 -2.07	18.45 0.74 0.00	19.51 0.84 -0.35	19.70 0.80 -2.15	20.06 0.66 -4.14	20.57 0.67 -4.58	20.21 0.62 -4.45	19.95 0.62 -4.17	20.40 0.68 -3.95	20.45 0.72 -3.10	20.17 0.77 -2.59	21.13 0.85 -2.29	24.61 1.22 -1.93	29.64 1.36 -5.17	29.10 1.35 -4.50	27.93 1.36 -2.24	25.14 1.19 -0.54	22.65 1.12 0.00	21.28 0.97 0.00	20.34 0.91 -0.75
LOVETT___4 23642	20.44 0.90 0.00	18.32 0.81 0.00	17.95 0.75 -0.07	17.98 0.60 -2.39	17.67 0.61 -2.07	18.45 0.74 0.00	19.51 0.84 -0.35	19.70 0.80 -2.15	20.06 0.66 -4.14	20.57 0.67 -4.58	20.21 0.62 -4.45	19.95 0.62 -4.17	20.40 0.68 -3.95	20.45 0.72 -3.10	20.17 0.77 -2.59	21.13 0.85 -2.29	24.61 1.22 -1.93	29.64 1.36 -5.17	29.10 1.35 -4.50	27.93 1.36 -2.24	25.14 1.19 -0.54	22.65 1.12 0.00	21.28 0.97 0.00	20.34 0.91 -0.75
LOVETT___5 23593	20.44 0.90 0.00	18.32 0.81 0.00	17.95 0.75 -0.07	17.98 0.60 -2.39	17.67 0.61 -2.07	18.45 0.74 0.00	19.51 0.84 -0.35	19.70 0.80 -2.15	20.06 0.66 -4.14	20.57 0.67 -4.58	20.21 0.62 -4.45	19.95 0.62 -4.17	20.40 0.68 -3.95	20.45 0.72 -3.10	20.17 0.77 -2.59	21.13 0.85 -2.29	24.61 1.22 -1.93	29.64 1.36 -5.17	29.10 1.35 -4.50	27.93 1.36 -2.24	25.14 1.19 -0.54	22.65 1.12 0.00	21.28 0.97 0.00	20.34 0.91 -0.75
LOWER RAQUET___HYD 24057	18.97 -0.57 0.00	16.96 -0.56 0.00	16.58 -0.55 0.00	14.53 -0.45 0.00	14.52 -0.46 0.00	17.14 -0.57 0.00	17.77 -0.55 0.00	16.33 -0.42 0.00	14.91 -0.35 0.00	15.06 -0.26 0.00	14.87 -0.27 0.00	14.87 -0.29 0.00	15.44 -0.33 0.00	16.24 -0.40 0.00	16.37 -0.44 0.00	17.49 -0.50 0.00	20.84 -0.62 0.00	22.37 -0.74 0.00	22.46 -0.79 0.00	23.48 -0.85 0.00	22.56 -0.84 0.00	20.78 -0.75 0.00	19.60 -0.71 0.00	18.00 -0.67 0.00
LOWER___HUDSON 24059	20.30 0.76 0.00	18.22 0.70 0.00	17.93 0.70 -0.09	18.84 0.58 -3.27	18.39 0.58 -2.83	18.43 0.73 0.00	19.56 0.77 -0.48	20.36 0.67 -2.94	21.44 0.52 -5.66	22.09 0.52 -6.25	21.74 0.53 -6.07	21.39 0.53 -5.70	21.71 0.55 -5.39	21.43 0.57 -4.23	20.89 0.55 -3.53	21.71 0.59 -3.13	24.91 0.82 -2.63	31.07 0.90 -7.06	30.30 0.91 -6.14	28.33 0.95 -3.05	25.15 1.01 -0.74	22.35 0.82 0.00	21.06 0.75 0.00	20.46 0.77 -1.03
LOWVILLE_115KV_TB2 356335	19.62 0.08 0.00	17.57 0.05 0.00	17.15 0.02 0.00	15.05 0.01 -0.05	15.07 0.04 -0.04	17.76 0.05 0.00	18.41 0.09 -0.01	16.91 0.12 -0.04	15.39 0.03 -0.10	15.44 0.02 -0.11	15.21 -0.03 -0.10	15.18 -0.08 -0.10	15.75 -0.11 -0.09	16.61 -0.10 -0.07	16.75 -0.12 -0.06	17.96 -0.09 -0.05	21.53 0.02 -0.04	23.32 0.09 -0.12	23.59 0.23 -0.10	24.72 0.34 -0.05	23.70 0.28 -0.01	21.70 0.17 0.00	20.43 0.12 0.00	18.73 0.04 -0.02
LUTHERFT_115KV_GLOB_FND_222 355753	20.57 1.04 0.00	18.46 0.95 0.00	18.17 0.94 -0.10	19.10 0.81 -3.30	18.65 0.81 -2.86	18.69 0.99 0.00	19.82 1.03 -0.48	20.72 1.00 -2.97	21.74 0.76 -5.72	22.50 0.86 -6.32	22.09 0.82 -6.14	21.72 0.80 -5.76	22.04 0.82 -5.45	21.74 0.83 -4.27	21.20 0.82 -3.57	22.03 0.88 -3.16	25.32 1.20 -2.66	31.47 1.22 -7.14	30.74 1.28 -6.21	28.83 1.41 -3.09	25.67 1.52 -0.75	22.74 1.21 0.00	21.45 1.14 0.00	20.77 1.06 -1.04
LUTHERNY_35_KV_BK2 355980	20.57 1.04 0.00	18.46 0.95 0.00	18.17 0.94 -0.10	19.10 0.81 -3.30	18.65 0.81 -2.86	18.69 0.99 0.00	19.84 1.04 -0.48	20.74 1.02 -2.97	21.76 0.78 -5.72	22.50 0.86 -6.32	22.11 0.83 -6.14	21.74 0.82 -5.76	22.04 0.82 -5.45	21.76 0.85 -4.27	21.22 0.84 -3.57	22.05 0.90 -3.16	25.32 1.20 -2.66	31.49 1.25 -7.14	30.76 1.30 -6.21	28.86 1.44 -3.09	25.69 1.54 -0.75	22.76 1.23 0.00	21.45 1.14 0.00	20.79 1.08 -1.04
LWR___OSWEGATCHIE_HYD 23850	19.23 -0.31 0.00	17.20 -0.32 0.00	16.79 -0.34 0.00	14.71 -0.27 0.00	14.71 -0.27 0.00	17.38 -0.32 0.00	18.02 -0.29 0.00	16.55 -0.20 0.00	15.05 -0.21 0.00	15.14 -0.18 0.00	14.93 -0.21 0.00	14.91 -0.24 0.00	15.49 -0.28 0.00	16.30 -0.33 0.00	16.46 -0.35 0.00	17.61 -0.38 0.00	21.08 -0.39 0.00	22.71 -0.39 0.00	22.91 -0.35 0.00	24.02 -0.32 0.00	23.05 -0.35 0.00	21.16 -0.37 0.00	19.96 -0.35 0.00	18.30 -0.37 0.00
LYONS_FALL_HYD 23570	19.71 0.18 0.00	17.66 0.14 0.00	17.23 0.10 0.00	15.07 0.09 0.00	15.10 0.12 0.00	17.86 0.16 0.00	18.48 0.16 0.00	16.93 0.18 0.00	15.46 0.11 -0.09	15.50 0.08 -0.10	15.28 0.05 -0.10	15.26 0.02 -0.09	15.86 0.00 -0.09	16.72 0.02 -0.07	16.87 0.00 -0.06	18.08 0.04 -0.05	21.62 0.15 0.00	23.31 0.21 0.00	23.58 0.33 0.00	24.75 0.41 0.00	23.78 0.37 0.00	21.79 0.26 0.00	20.53 0.22 0.00	18.82 0.15 0.00
MADISON___COUNTY_LFGE 323628	19.93 0.39 0.00	17.87 0.35 0.00	17.46 0.33 0.00	15.33 0.27 -0.07	15.33 0.28 -0.06	18.07 0.37 0.00	18.69 0.37 -0.01	17.17 0.35 -0.07	15.64 0.23 -0.15	15.67 0.18 -0.16	15.46 0.17 -0.16	15.46 0.15 -0.15	16.05 0.14 -0.14	16.93 0.18 -0.11	17.09 0.18 -0.09	18.29 0.22 -0.08	21.92 0.39 -0.07	23.75 0.46 -0.19	23.97 0.56 -0.16	25.07 0.66 -0.08	24.03 0.61 -0.02	22.05 0.52 0.00	20.74 0.43 0.00	19.05 0.35 -0.03
MALONE___115KV_TB1 356076	19.73 0.20 0.00	17.64 0.12 0.00	17.23 0.10 0.00	15.13 0.15 0.00	15.07 0.09 0.00	17.79 0.09 0.00	18.46 0.15 0.00	16.93 0.18 0.00	15.51 0.24 0.00	15.67 0.35 0.00	15.47 0.33 0.00	15.46 0.30 0.00	16.01 0.24 0.00	16.75 0.12 0.00	16.84 0.03 0.00	17.96 -0.04 0.00	21.42 -0.04 0.00	22.99 -0.12 0.00	23.05 -0.21 0.00	23.97 -0.36 0.00	23.01 -0.40 0.00	21.21 -0.32 0.00	20.02 -0.28 0.00	18.37 -0.30 0.00

MAPLEWOD_115KV_TB3 80458	20.12 0.59 0.00	18.10 0.58 0.00	17.81 0.58 -0.09	18.74 0.49 -3.26	18.30 0.49 -2.82	18.30 0.60 0.00	19.41 0.62 -0.48	20.25 0.57 -2.93	21.31 0.41 -5.64	21.95 0.40 -6.23	21.62 0.42 -6.05	21.28 0.44 -5.68	21.59 0.44 -5.37	21.33 0.48 -4.21	20.82 0.49 -3.52	21.61 0.50 -3.11	24.79 0.71 -2.62	30.89 0.74 -7.04	30.14 0.77 -6.12	28.21 0.83 -3.05	24.98 0.84 -0.74	22.22 0.69 0.00	20.96 0.65 0.00	20.33 0.63 -1.02
MAPLE_RIDGE_WT_1 323574	19.27 -0.27 0.00	17.27 -0.25 0.00	16.87 -0.26 0.00	14.74 -0.24 0.00	14.73 -0.25 0.00	17.40 -0.30 0.00	17.99 -0.33 0.00	16.46 -0.28 0.00	14.99 -0.27 0.00	15.09 -0.23 0.00	14.96 -0.18 0.00	14.96 -0.20 0.00	15.55 -0.22 0.00	16.37 -0.27 0.00	16.54 -0.27 0.00	17.70 -0.29 0.00	21.18 -0.28 0.00	22.88 -0.23 0.00	23.00 -0.26 0.00	23.97 -0.36 0.00	23.01 -0.40 0.00	21.16 -0.37 0.00	19.98 -0.33 0.00	18.41 -0.26 0.00
MAPLE_RIDGE_WT_2 323611	19.27 -0.27 0.00	17.27 -0.25 0.00	16.87 -0.26 0.00	14.74 -0.24 0.00	14.73 -0.25 0.00	17.40 -0.30 0.00	17.99 -0.33 0.00	16.46 -0.28 0.00	14.99 -0.27 0.00	15.09 -0.23 0.00	14.96 -0.18 0.00	14.96 -0.20 0.00	15.55 -0.22 0.00	16.37 -0.27 0.00	16.54 -0.27 0.00	17.70 -0.29 0.00	21.18 -0.28 0.00	22.88 -0.23 0.00	23.00 -0.26 0.00	23.97 -0.36 0.00	23.01 -0.40 0.00	21.16 -0.37 0.00	19.98 -0.33 0.00	18.41 -0.26 0.00
MARBLE_RIVER_WT_PWR 323696	19.81 0.27 0.00	17.71 0.19 0.00	17.30 0.17 0.00	15.16 0.18 0.00	15.12 0.13 0.00	17.83 0.12 0.00	18.48 0.16 0.00	16.93 0.18 0.00	15.49 0.23 0.00	15.63 0.31 0.00	15.43 0.29 0.00	15.40 0.24 0.00	15.93 0.16 0.00	16.67 0.03 0.00	16.73 -0.08 0.00	17.83 -0.16 0.00	21.23 -0.24 0.00	22.78 -0.32 0.00	22.84 -0.42 0.00	23.72 -0.61 0.00	22.75 -0.66 0.00	20.99 -0.54 0.00	19.86 -0.45 0.00	18.26 -0.41 0.00
MARSHVLE_115KV_TB1 80742	20.95 1.41 0.00	18.78 1.26 0.00	18.48 1.25 -0.10	19.39 1.08 -3.33	18.94 1.08 -2.88	19.07 1.36 0.00	20.21 1.41 -0.49	21.22 1.47 -2.99	22.11 1.08 -5.76	22.86 1.18 -6.36	22.40 1.07 -6.18	22.01 1.05 -5.80	22.33 1.07 -5.49	22.11 1.16 -4.30	21.61 1.21 -3.59	22.40 1.22 -3.18	25.90 1.76 -2.68	32.08 1.78 -7.19	31.41 1.91 -6.25	29.58 2.14 -3.11	26.36 2.20 -0.75	23.36 1.83 0.00	21.91 1.60 0.00	21.14 1.42 -1.05
MARSH_HILL_WT_PWR 323713	19.99 0.45 0.00	17.96 0.44 0.00	17.56 0.43 -0.01	15.51 0.27 -0.25	15.47 0.27 -0.22	18.16 0.46 0.00	18.72 0.37 -0.04	17.09 0.12 -0.23	15.84 0.11 -0.47	15.85 0.02 -0.52	15.70 0.06 -0.50	15.72 0.09 -0.47	16.31 0.10 -0.44	17.12 0.13 -0.35	17.27 0.17 -0.29	18.45 0.20 -0.26	21.90 0.24 -0.20	24.16 0.51 -0.54	24.22 0.49 -0.47	25.13 0.56 -0.24	24.14 0.68 -0.06	22.22 0.69 0.00	20.94 0.63 0.00	19.07 0.32 -0.08
MCINTYRE_115KV_TB2 80467	19.34 -0.20 0.00	17.29 -0.23 0.00	16.89 -0.24 0.00	14.82 -0.16 0.00	14.80 -0.18 0.00	17.47 -0.23 0.00	18.13 -0.18 0.00	16.63 -0.12 0.00	15.17 -0.09 0.00	15.31 -0.02 0.00	15.12 -0.02 0.00	15.10 -0.06 0.00	15.68 -0.09 0.00	16.50 -0.13 0.00	16.66 -0.15 0.00	17.81 -0.18 0.00	21.23 -0.24 0.00	22.78 -0.32 0.00	22.95 -0.30 0.00	24.04 -0.29 0.00	23.08 -0.33 0.00	21.23 -0.30 0.00	20.05 -0.26 0.00	18.39 -0.28 0.00
MECO____69_KV_BK1 80468	21.34 1.80 0.00	19.11 1.59 0.00	18.78 1.56 -0.10	19.67 1.36 -3.33	19.23 1.36 -2.88	19.42 1.72 0.00	20.58 1.78 -0.49	21.65 1.91 -2.99	22.40 1.37 -5.76	23.20 1.52 -6.36	22.65 1.33 -6.18	22.25 1.29 -5.80	22.57 1.31 -5.49	22.45 1.51 -4.30	21.98 1.58 -3.59	22.87 1.69 -3.18	26.55 2.40 -2.68	32.63 2.33 -7.19	32.07 2.56 -6.25	30.31 2.87 -3.11	27.15 3.00 -0.75	23.86 2.33 0.00	22.34 2.03 0.00	21.49 1.77 -1.05
MENANDS_115KV_TB5 355628	20.03 0.49 0.00	18.03 0.51 0.00	17.72 0.50 -0.09	18.66 0.42 -3.25	18.22 0.42 -2.81	18.22 0.51 0.00	19.32 0.53 -0.48	20.16 0.49 -2.93	21.23 0.34 -5.63	21.85 0.31 -6.22	21.53 0.35 -6.05	21.20 0.36 -5.68	21.50 0.36 -5.37	21.25 0.40 -4.21	20.73 0.40 -3.52	21.52 0.41 -3.11	24.64 0.56 -2.62	30.74 0.60 -7.04	30.00 0.63 -6.11	28.06 0.68 -3.04	24.82 0.68 -0.74	22.07 0.54 0.00	20.84 0.53 0.00	20.22 0.52 -1.02
MG INDUSTRY___DRP 24185	20.12 0.59 0.00	18.11 0.60 0.00	17.82 0.60 -0.09	18.71 0.52 -3.20	18.28 0.52 -2.77	18.32 0.62 0.00	19.39 0.60 -0.47	20.20 0.57 -2.88	21.22 0.41 -5.54	21.84 0.40 -6.12	21.51 0.42 -5.95	21.18 0.44 -5.58	21.51 0.46 -5.28	21.28 0.50 -4.14	20.76 0.49 -3.46	21.56 0.50 -3.06	24.73 0.69 -2.58	30.77 0.74 -6.92	30.04 0.77 -6.02	28.15 0.83 -2.99	24.97 0.84 -0.72	22.20 0.67 0.00	20.94 0.63 0.00	20.29 0.62 -1.01
MID___OSWEGATCHIE_HYD 23849	19.23 -0.31 0.00	17.20 -0.32 0.00	16.79 -0.34 0.00	14.71 -0.27 0.00	14.71 -0.27 0.00	17.38 -0.32 0.00	18.02 -0.29 0.00	16.55 -0.20 0.00	15.05 -0.21 0.00	15.14 -0.18 0.00	14.93 -0.21 0.00	14.91 -0.24 0.00	15.49 -0.28 0.00	16.30 -0.33 0.00	16.46 -0.35 0.00	17.61 -0.38 0.00	21.08 -0.39 0.00	22.71 -0.39 0.00	22.91 -0.35 0.00	24.02 -0.32 0.00	23.05 -0.35 0.00	21.16 -0.37 0.00	19.96 -0.35 0.00	18.30 -0.37 0.00
MID___RAQUETTE_HYD 23851	18.97 -0.57 0.00	16.96 -0.56 0.00	16.58 -0.55 0.00	14.53 -0.45 0.00	14.52 -0.46 0.00	17.14 -0.57 0.00	17.79 -0.53 0.00	16.33 -0.42 0.00	14.91 -0.35 0.00	15.06 -0.26 0.00	14.87 -0.27 0.00	14.87 -0.29 0.00	15.44 -0.33 0.00	16.24 -0.40 0.00	16.37 -0.44 0.00	17.49 -0.50 0.00	20.84 -0.62 0.00	22.37 -0.74 0.00	22.46 -0.79 0.00	23.48 -0.85 0.00	22.56 -0.84 0.00	20.78 -0.75 0.00	19.62 -0.69 0.00	18.00 -0.67 0.00
MILLIKEN___1 23584	19.89 0.35 0.00	17.83 0.32 0.00	17.43 0.29 -0.01	15.46 0.22 -0.25	15.44 0.24 -0.21	18.04 0.34 0.00	18.68 0.33 -0.04	17.27 0.30 -0.22	15.86 0.14 -0.46	15.91 0.08 -0.51	15.69 0.06 -0.49	15.70 0.08 -0.46	16.27 0.06 -0.44	17.06 0.08 -0.34	17.21 0.12 -0.29	18.37 0.13 -0.25	22.04 0.36 -0.21	24.23 0.55 -0.57	24.36 0.60 -0.50	25.29 0.71 -0.25	24.14 0.68 -0.06	22.13 0.60 0.00	20.82 0.51 0.00	19.11 0.35 -0.08
MILLIKEN___2 23585	19.89 0.35 0.00	17.83 0.32 0.00	17.43 0.29 -0.01	15.46 0.22 -0.25	15.44 0.24 -0.21	18.04 0.34 0.00	18.68 0.33 -0.04	17.27 0.30 -0.22	15.86 0.14 -0.46	15.91 0.08 -0.51	15.69 0.06 -0.49	15.70 0.08 -0.46	16.27 0.06 -0.44	17.06 0.08 -0.34	17.21 0.12 -0.29	18.37 0.13 -0.25	22.04 0.36 -0.21	24.23 0.55 -0.57	24.36 0.60 -0.50	25.29 0.71 -0.25	24.14 0.68 -0.06	22.13 0.60 0.00	20.82 0.51 0.00	19.11 0.35 -0.08
MILLIKEN___DIESEL 23629	19.89 0.35 0.00	17.83 0.32 0.00	17.43 0.29 -0.01	15.46 0.22 -0.25	15.44 0.24 -0.21	18.04 0.34 0.00	18.68 0.33 -0.04	17.27 0.30 -0.22	15.86 0.14 -0.46	15.91 0.08 -0.51	15.69 0.06 -0.49	15.70 0.08 -0.46	16.27 0.06 -0.44	17.06 0.08 -0.34	17.21 0.12 -0.29	18.37 0.13 -0.25	22.04 0.36 -0.21	24.23 0.55 -0.57	24.36 0.60 -0.50	25.29 0.71 -0.25	24.14 0.68 -0.06	22.13 0.60 0.00	20.82 0.51 0.00	19.11 0.35 -0.08

MILLSEAT___LFGE 323607	19.66 0.12 0.00	17.66 0.14 0.00	17.24 0.10 -0.01	15.24 0.08 -0.18	15.24 0.11 -0.15	17.92 0.21 0.00	18.25 -0.09 -0.03	16.66 -0.25 -0.16	15.38 -0.23 -0.34	15.38 -0.32 -0.38	15.28 -0.23 -0.37	15.29 -0.21 -0.35	15.94 -0.16 -0.33	16.79 -0.10 -0.26	16.94 -0.08 -0.21	18.11 -0.07 -0.19	21.41 -0.19 -0.14	23.52 0.02 -0.39	23.57 -0.02 -0.34	24.45 -0.05 -0.17	23.61 0.16 -0.04	21.57 0.04 0.00	20.39 0.08 0.00	18.71 -0.02 -0.06
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	20.50 0.96 0.00	18.38 0.86 0.00	18.01 0.81 -0.07	18.14 0.64 -2.51	17.80 0.64 -2.17	18.50 0.80 0.00	19.58 0.90 -0.37	19.86 0.85 -2.26	20.31 0.70 -4.35	20.84 0.72 -4.80	20.47 0.67 -4.67	20.20 0.67 -4.38	20.64 0.73 -4.14	20.65 0.77 -3.25	20.35 0.82 -2.71	21.29 0.90 -2.40	24.77 1.29 -2.02	29.97 1.43 -5.43	29.39 1.42 -4.72	28.12 1.44 -2.35	25.23 1.26 -0.57	22.71 1.18 0.00	21.34 1.04 0.00	20.43 0.97 -0.79
MILLWOOD_13_KV_LOAD 356217	20.54 1.00 0.00	18.39 0.88 0.00	18.04 0.84 -0.07	18.17 0.67 -2.51	17.83 0.67 -2.17	18.53 0.83 0.00	19.60 0.92 -0.37	19.89 0.89 -2.26	20.34 0.73 -4.35	20.87 0.75 -4.80	20.50 0.70 -4.67	20.22 0.68 -4.38	20.65 0.74 -4.14	20.68 0.80 -3.25	20.38 0.86 -2.71	21.33 0.94 -2.40	24.82 1.33 -2.02	30.01 1.48 -5.43	29.44 1.47 -4.72	28.19 1.51 -2.35	25.28 1.31 -0.57	22.78 1.25 0.00	21.39 1.08 0.00	20.45 0.99 -0.79
MODEL_CITY_ENERGY 24167	19.25 -0.29 0.00	17.34 -0.18 0.00	16.89 -0.24 -0.01	14.95 -0.22 -0.19	14.94 -0.21 -0.16	17.60 -0.11 0.00	17.83 -0.51 -0.03	16.23 -0.69 -0.17	15.03 -0.60 -0.36	15.03 -0.69 -0.39	14.93 -0.59 -0.38	14.97 -0.55 -0.36	15.61 -0.51 -0.34	16.46 -0.45 -0.27	16.58 -0.45 -0.22	17.72 -0.47 -0.20	20.89 -0.73 -0.15	22.93 -0.58 -0.41	22.93 -0.68 -0.35	23.73 -0.78 -0.18	22.95 -0.49 -0.04	20.99 -0.54 0.00	19.88 -0.43 0.00	18.28 -0.45 -0.06
MODERN_LFGE___ 323580	19.25 -0.29 0.00	17.34 -0.18 0.00	16.89 -0.24 -0.01	14.95 -0.22 -0.19	14.94 -0.21 -0.16	17.60 -0.11 0.00	17.83 -0.51 -0.03	16.23 -0.69 -0.17	15.03 -0.60 -0.36	15.03 -0.69 -0.39	14.93 -0.59 -0.38	14.97 -0.55 -0.36	15.61 -0.51 -0.34	16.46 -0.45 -0.27	16.58 -0.45 -0.22	17.72 -0.47 -0.20	20.89 -0.73 -0.15	22.93 -0.58 -0.41	22.93 -0.68 -0.35	23.73 -0.78 -0.18	22.95 -0.49 -0.04	20.99 -0.54 0.00	19.88 -0.43 0.00	18.28 -0.45 -0.06
MOHAWK_PAPER___DRP 24187	20.12 0.59 0.00	18.10 0.58 0.00	17.81 0.58 -0.09	18.74 0.49 -3.26	18.30 0.49 -2.82	18.30 0.60 0.00	19.41 0.62 -0.48	20.25 0.57 -2.93	21.31 0.41 -5.64	21.95 0.40 -6.23	21.62 0.42 -6.05	21.28 0.44 -5.68	21.59 0.44 -5.37	21.33 0.44 -4.21	20.82 0.49 -3.52	21.61 0.50 -3.11	24.79 0.71 -2.62	30.89 0.74 -7.04	30.14 0.77 -6.12	28.21 0.83 -3.05	24.98 0.84 -0.74	22.22 0.69 0.00	20.96 0.65 0.00	20.33 0.63 -1.02
MOHICAN___35_KV_115KV_LD 80490	20.73 1.19 0.00	18.60 1.09 0.00	18.34 1.11 -0.10	19.25 0.96 -3.30	18.80 0.96 -2.86	18.89 1.19 0.00	20.04 1.25 -0.48	20.99 1.27 -2.97	21.96 0.98 -5.72	22.77 1.13 -6.32	22.29 1.01 -6.14	21.91 0.99 -5.76	22.20 0.98 -5.45	21.86 0.95 -4.27	21.32 0.94 -3.57	22.14 0.99 -3.16	25.48 1.35 -2.66	31.61 1.36 -7.14	30.91 1.44 -6.21	29.05 1.63 -3.09	26.05 1.90 -0.75	22.99 1.46 0.00	21.73 1.42 0.00	21.00 1.29 -1.04
MONGAUP___HYD 23641	20.36 0.82 0.00	18.24 0.72 0.00	17.86 0.67 -0.06	17.69 0.54 -2.17	17.40 0.54 -1.87	18.34 0.64 0.00	19.35 0.71 -0.32	19.37 0.67 -1.95	19.52 0.50 -3.75	19.96 0.49 -4.14	19.61 0.44 -4.03	19.35 0.41 -3.78	19.79 0.44 -3.58	19.92 0.48 -2.80	19.67 0.52 -2.34	20.68 0.61 -2.07	24.17 0.97 -1.74	28.89 1.11 -4.68	28.51 1.19 -4.07	27.57 1.22 -2.02	24.97 1.08 -0.49	22.50 0.97 0.00	21.10 0.79 0.00	20.12 0.77 -0.68
MONTAUK___DIESEL 23721	21.84 2.31 0.00	19.51 2.00 0.00	19.00 1.80 -0.07	18.99 1.47 -2.54	18.66 1.48 -2.19	19.53 1.82 0.00	20.65 1.96 -0.37	20.94 1.91 -2.28	21.34 1.68 -4.39	21.98 1.81 -4.85	21.72 1.86 -4.72	21.45 1.85 -4.44	21.90 1.94 -4.19	22.27 2.08 -3.55	24.52 2.22 -5.50	25.48 2.46 -5.02	29.14 3.35 -4.33	34.15 3.63 -7.42	34.70 3.65 -7.80	63.16 3.80 -35.03	29.23 3.51 -2.32	26.04 3.10 -1.41	24.75 2.88 -1.56	21.88 2.41 -0.80
MOONROAD_115KV_HARTFLD_TB1-2 355988	20.12 0.59 0.00	18.08 0.56 0.00	17.72 0.58 -0.01	15.55 0.34 -0.22	15.53 0.36 -0.19	18.36 0.66 0.00	18.62 0.27 -0.03	17.08 0.13 -0.20	15.84 0.17 -0.41	15.85 0.08 -0.45	15.76 0.18 -0.44	15.75 0.18 -0.41	16.38 0.22 -0.39	17.26 0.32 -0.31	17.40 0.34 -0.26	18.63 0.41 -0.23	22.02 0.36 -0.19	24.24 0.62 -0.51	24.24 0.53 -0.45	25.09 0.54 -0.22	24.18 0.73 -0.05	22.26 0.73 0.00	20.94 0.63 0.00	19.04 0.30 -0.07
MORTIMER_115KV_TB3 55949	19.58 0.04 0.00	17.53 0.02 0.00	17.18 0.05 0.00	15.22 0.09 -0.15	15.22 0.10 -0.13	17.77 0.07 0.00	18.34 0.00 -0.02	16.78 -0.10 -0.14	15.42 -0.14 -0.30	15.43 -0.21 -0.33	15.31 -0.15 -0.32	15.33 -0.12 -0.30	15.97 -0.08 -0.28	16.83 -0.03 -0.22	16.96 -0.03 -0.19	18.14 -0.02 -0.16	21.58 -0.02 -0.14	23.64 0.16 -0.37	23.69 0.12 -0.32	24.61 0.12 -0.16	23.70 0.26 -0.04	21.62 0.09 0.00	20.35 0.04 0.00	18.78 0.06 -0.05
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	20.59 1.06 0.00	18.45 0.93 0.00	18.06 0.86 -0.07	18.21 0.69 -2.54	17.88 0.70 -2.19	18.57 0.87 0.00	19.68 0.99 -0.37	20.00 0.97 -2.28	20.45 0.79 -4.39	20.98 0.81 -4.85	20.61 0.76 -4.71	20.34 0.76 -4.42	20.79 0.84 -4.18	20.80 0.88 -3.28	20.49 0.94 -2.74	21.44 1.03 -2.43	24.99 1.48 -2.04	30.19 1.59 -5.48	29.60 1.58 -4.77	28.31 1.61 -2.37	25.36 1.38 -0.57	22.84 1.31 0.00	21.45 1.14 0.00	20.55 1.08 -0.80
MUNSVILLE_WIND_PWR 323609	20.89 1.35 0.00	18.69 1.17 0.00	18.22 1.08 -0.01	16.28 0.90 -0.40	16.30 0.97 -0.35	18.91 1.20 0.00	19.60 1.23 -0.06	18.25 1.14 -0.36	16.86 0.88 -0.71	16.89 0.78 -0.79	16.60 0.70 -0.77	16.51 0.64 -0.72	17.05 0.60 -0.68	17.87 0.70 -0.53	17.93 0.67 -0.45	19.14 0.76 -0.39	22.90 1.12 -0.32	25.40 1.43 -0.86	25.75 1.75 -0.75	26.80 2.09 -0.37	25.48 1.99 -0.09	23.23 1.70 0.00	21.81 1.50 0.00	19.99 1.20 -0.13
N SALMON___HYD 24042	19.73 0.20 0.00	17.64 0.12 0.00	17.23 0.10 0.00	15.13 0.15 0.00	15.07 0.09 0.00	17.79 0.09 0.00	18.46 0.15 0.00	16.93 0.18 0.00	15.51 0.24 0.00	15.67 0.35 0.00	15.47 0.33 0.00	15.46 0.30 0.00	16.01 0.24 0.00	16.75 0.12 0.00	16.84 0.03 0.00	17.96 -0.04 0.00	21.42 -0.04 0.00	22.99 -0.11 0.00	23.05 -0.21 0.00	23.97 -0.36 0.00	23.01 -0.40 0.00	21.21 -0.32 0.00	20.02 -0.28 0.00	18.37 -0.30 0.00
N.AKRON___115KV_KNAPP 355671	19.66 0.12 0.00	17.67 0.16 0.00	17.24 0.10 -0.01	15.25 0.09 -0.18	15.24 0.10 -0.16	17.93 0.23 0.00	18.25 -0.09 -0.03	16.66 -0.25 -0.16	15.38 -0.23 -0.34	15.38 -0.32 -0.38	15.28 -0.23 -0.37	15.31 -0.20 -0.35	15.96 -0.14 -0.33	16.81 -0.08 -0.26	16.94 -0.08 -0.22	18.13 -0.05 -0.19	21.43 -0.19 -0.16	23.56 0.02 -0.43	23.58 -0.05 -0.37	24.45 -0.07 -0.19	23.61 0.16 -0.05	21.57 0.04 0.00	20.33 0.02 0.00	18.71 -0.02 -0.06

N.BELMOR_69_KV_BK1 55787	20.85 1.31 0.00	18.64 1.12 0.00	18.18 0.98 -0.07	18.30 0.78 -2.54	17.97 0.79 -2.19	18.69 0.99 0.00	19.79 1.10 -0.37	20.12 1.09 -2.28	20.60 0.95 -4.39	21.20 1.03 -4.85	20.91 1.06 -4.72	20.66 1.06 -4.44	21.09 1.14 -4.19	21.38 1.20 -3.55	23.57 1.26 -5.50	24.38 1.37 -5.02	25.39 1.87 -2.06	32.50 2.06 -7.34	33.02 2.05 -7.72	28.79 2.07 -2.39	25.87 1.87 -0.59	24.68 1.74 -1.41	23.49 1.62 -1.56	20.87 1.40 -0.80
N.E_GEN_SANDY PD 24062	20.30 0.76 0.00	18.22 0.70 0.00	17.90 0.69 -0.09	18.50 0.55 -2.96	18.10 0.55 -2.56	18.39 0.69 0.00	19.50 0.75 -0.43	20.03 0.62 -2.66	20.88 0.49 -5.13	21.46 0.48 -5.66	21.13 0.48 -5.50	20.81 0.48 -5.17	21.16 0.50 -4.89	21.00 0.53 -3.83	20.53 0.52 -3.20	21.40 0.58 -2.83	24.64 0.79 -2.38	30.43 0.93 -6.40	29.70 0.88 -5.56	28.00 0.90 -2.77	24.96 0.89 -0.67	22.33 0.80 0.00	21.00 0.69 0.00	20.35 0.75 -0.93
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	20.48 0.94 0.00	18.34 0.82 0.00	17.97 0.77 -0.07	17.98 0.61 -2.38	17.68 0.63 -2.06	18.46 0.76 0.00	19.53 0.86 -0.35	19.71 0.82 -2.14	20.06 0.67 -4.13	20.57 0.69 -4.56	20.21 0.64 -4.43	19.95 0.64 -4.16	20.40 0.69 -3.94	20.45 0.73 -3.09	20.18 0.79 -2.58	21.14 0.86 -2.28	24.63 1.24 -1.92	29.65 1.39 -5.16	29.11 1.37 -4.48	27.97 1.41 -2.23	25.18 1.24 -0.54	22.69 1.16 0.00	21.30 1.00 0.00	20.35 0.93 -0.75
N.QUEENS_27_KV_LOAD 356247	20.55 1.02 0.00	18.45 0.93 0.00	18.02 0.82 -0.07	18.16 0.64 -2.54	17.84 0.66 -2.19	18.52 0.81 0.00	19.64 0.95 -0.37	20.00 0.97 -2.28	20.45 0.79 -4.39	21.00 0.83 -4.85	20.61 0.76 -4.71	20.34 0.76 -4.42	20.81 0.85 -4.18	20.80 0.88 -3.28	20.51 0.96 -2.74	21.46 1.04 -2.43	25.05 1.55 -2.04	30.21 1.62 -5.48	29.63 1.60 -4.77	28.36 1.65 -2.37	25.38 1.40 -0.57	22.84 1.31 0.00	21.43 1.12 0.00	20.55 1.08 -0.80
N.TROY___115KV_TB1 355778	20.30 0.76 0.00	18.22 0.70 0.00	17.93 0.70 -0.09	18.84 0.58 -3.27	18.40 0.58 -2.83	18.43 0.73 0.00	19.54 0.75 -0.48	20.36 0.67 -2.94	21.44 0.52 -5.66	22.09 0.52 -6.25	21.74 0.53 -6.07	21.39 0.53 -5.70	21.71 0.55 -5.39	21.43 0.57 -4.23	20.90 0.55 -3.53	21.71 0.59 -3.13	24.91 0.82 -2.63	31.07 0.90 -7.07	30.30 0.91 -6.14	28.34 0.95 -3.06	25.15 1.01 -0.74	22.35 0.82 0.00	21.08 0.77 0.00	20.46 0.77 -1.03
NARROWS_GT1_1 24228	20.59 1.05 0.00	18.44 0.93 0.00	18.02 0.82 -0.07	18.18 0.66 -2.54	17.84 0.66 -2.19	18.52 0.81 0.00	19.64 0.95 -0.37	20.00 0.97 -2.28	20.46 0.81 -4.39	21.01 0.84 -4.85	20.62 0.77 -4.71	20.37 0.79 -4.42	20.82 0.87 -4.18	20.83 0.91 -3.28	20.56 1.01 -2.74	21.52 1.10 -2.43	25.09 1.59 -2.04	30.32 1.73 -5.48	29.74 1.72 -4.76	28.45 1.75 -2.37	25.43 1.45 -0.57	22.93 1.40 0.00	21.47 1.16 0.00	20.57 1.10 -0.80
NARROWS_GT1_2 24229	20.59 1.05 0.00	18.44 0.93 0.00	18.02 0.82 -0.07	18.18 0.66 -2.54	17.84 0.66 -2.19	18.52 0.81 0.00	19.64 0.95 -0.37	20.00 0.97 -2.28	20.46 0.81 -4.39	21.01 0.84 -4.85	20.62 0.77 -4.71	20.37 0.79 -4.42	20.82 0.87 -4.18	20.83 0.91 -3.28	20.56 1.01 -2.74	21.52 1.10 -2.43	25.09 1.59 -2.04	30.32 1.73 -5.48	29.74 1.72 -4.76	28.45 1.75 -2.37	25.43 1.45 -0.57	22.93 1.40 0.00	21.47 1.16 0.00	20.57 1.10 -0.80
NARROWS_GT1_3 24230	20.59 1.05 0.00	18.44 0.93 0.00	18.02 0.82 -0.07	18.18 0.66 -2.54	17.84 0.66 -2.19	18.52 0.81 0.00	19.64 0.95 -0.37	20.00 0.97 -2.28	20.46 0.81 -4.39	21.01 0.84 -4.85	20.62 0.77 -4.71	20.37 0.79 -4.42	20.82 0.87 -4.18	20.83 0.91 -3.28	20.56 1.01 -2.74	21.52 1.10 -2.43	25.09 1.59 -2.04	30.32 1.73 -5.48	29.74 1.72 -4.76	28.45 1.75 -2.37	25.43 1.45 -0.57	22.93 1.40 0.00	21.47 1.16 0.00	20.57 1.10 -0.80
NARROWS_GT1_4 24231	20.59 1.05 0.00	18.44 0.93 0.00	18.02 0.82 -0.07	18.18 0.66 -2.54	17.84 0.66 -2.19	18.52 0.81 0.00	19.64 0.95 -0.37	20.00 0.97 -2.28	20.46 0.81 -4.39	21.01 0.84 -4.85	20.62 0.77 -4.71	20.37 0.79 -4.42	20.82 0.87 -4.18	20.83 0.91 -3.28	20.56 1.01 -2.74	21.52 1.10 -2.43	25.09 1.59 -2.04	30.32 1.73 -5.48	29.74 1.72 -4.76	28.45 1.75 -2.37	25.43 1.45 -0.57	22.93 1.40 0.00	21.47 1.16 0.00	20.57 1.10 -0.80
NARROWS_GT1_5 24232	20.59 1.05 0.00	18.44 0.93 0.00	18.02 0.82 -0.07	18.18 0.66 -2.54	17.84 0.66 -2.19	18.52 0.81 0.00	19.64 0.95 -0.37	20.00 0.97 -2.28	20.46 0.81 -4.39	21.01 0.84 -4.85	20.62 0.77 -4.71	20.37 0.79 -4.42	20.82 0.87 -4.18	20.83 0.91 -3.28	20.56 1.01 -2.74	21.52 1.10 -2.43	25.09 1.59 -2.04	30.32 1.73 -5.48	29.74 1.72 -4.76	28.45 1.75 -2.37	25.43 1.45 -0.57	22.93 1.40 0.00	21.47 1.16 0.00	20.57 1.10 -0.80
NARROWS_GT1_6 24233	20.59 1.05 0.00	18.44 0.93 0.00	18.02 0.82 -0.07	18.18 0.66 -2.54	17.84 0.66 -2.19	18.52 0.81 0.00	19.64 0.95 -0.37	20.00 0.97 -2.28	20.46 0.81 -4.39	21.01 0.84 -4.85	20.62 0.77 -4.71	20.37 0.79 -4.42	20.82 0.87 -4.18	20.83 0.91 -3.28	20.56 1.01 -2.74	21.52 1.10 -2.43	25.09 1.59 -2.04	30.32 1.73 -5.48	29.74 1.72 -4.76	28.45 1.75 -2.37	25.43 1.45 -0.57	22.93 1.40 0.00	21.47 1.16 0.00	20.57 1.10 -0.80
NARROWS_GT1_7 24234	20.59 1.05 0.00	18.44 0.93 0.00	18.02 0.82 -0.07	18.18 0.66 -2.54	17.84 0.66 -2.19	18.52 0.81 0.00	19.64 0.95 -0.37	20.00 0.97 -2.28	20.46 0.81 -4.39	21.01 0.84 -4.85	20.62 0.77 -4.71	20.37 0.79 -4.42	20.82 0.87 -4.18	20.83 0.91 -3.28	20.56 1.01 -2.74	21.52 1.10 -2.43	25.09 1.59 -2.04	30.32 1.73 -5.48	29.74 1.72 -4.76	28.45 1.75 -2.37	25.43 1.45 -0.57	22.93 1.40 0.00	21.47 1.16 0.00	20.57 1.10 -0.80
NARROWS_GT1_8 24235	20.59 1.05 0.00	18.44 0.93 0.00	18.02 0.82 -0.07	18.18 0.66 -2.54	17.84 0.66 -2.19	18.52 0.81 0.00	19.64 0.95 -0.37	20.00 0.97 -2.28	20.46 0.81 -4.39	21.01 0.84 -4.85	20.62 0.77 -4.71	20.37 0.79 -4.42	20.82 0.87 -4.18	20.83 0.91 -3.28	20.56 1.01 -2.74	21.52 1.10 -2.43	25.09 1.59 -2.04	30.32 1.73 -5.48	29.74 1.72 -4.76	28.45 1.75 -2.37	25.43 1.45 -0.57	22.93 1.40 0.00	21.47 1.16 0.00	20.57 1.10 -0.80
NARROWS_GT2_1 24236	20.59 1.05 0.00	18.44 0.93 0.00	18.02 0.82 -0.07	18.18 0.66 -2.54	17.84 0.66 -2.19	18.52 0.81 0.00	19.64 0.95 -0.37	20.00 0.97 -2.28	20.46 0.81 -4.39	21.01 0.84 -4.85	20.62 0.77 -4.71	20.37 0.79 -4.42	20.82 0.87 -4.18	20.83 0.91 -3.28	20.56 1.01 -2.74	21.52 1.10 -2.43	25.09 1.59 -2.04	30.32 1.73 -5.48	29.74 1.72 -4.76	28.45 1.75 -2.37	25.43 1.45 -0.57	22.93 1.40 0.00	21.47 1.16 0.00	20.57 1.10 -0.80
NARROWS_GT2_2 24237	20.59 1.05 0.00	18.44 0.93 0.00	18.02 0.82 -0.07	18.18 0.66 -2.54	17.84 0.66 -2.19	18.52 0.81 0.00	19.64 0.95 -0.37	20.00 0.97 -2.28	20.46 0.81 -4.39	21.01 0.84 -4.85	20.62 0.77 -4.71	20.37 0.79 -4.42	20.82 0.87 -4.18	20.83 0.91 -3.28	20.56 1.01 -2.74	21.52 1.10 -2.43	25.09 1.59 -2.04	30.32 1.73 -5.48	29.74 1.72 -4.76	28.45 1.75 -2.37	25.43 1.45 -0.57	22.93 1.40 0.00	21.47 1.16 0.00	20.57 1.10 -0.80

NARROWS_GT2_3 24238	20.59 1.05 0.00	18.44 0.93 0.00	18.02 0.82 -0.07	18.18 0.66 -2.54	17.84 0.66 -2.19	18.52 0.81 0.00	19.64 0.95 -0.37	20.00 0.97 -2.28	20.46 0.81 -4.39	21.01 0.84 -4.85	20.62 0.77 -4.71	20.37 0.79 -4.42	20.82 0.87 -4.18	20.83 0.91 -3.28	20.56 1.01 -2.74	21.52 1.10 -2.43	25.09 1.59 -2.04	30.32 1.73 -5.48	29.74 1.72 -4.76	28.45 1.75 -2.37	25.43 1.45 -0.57	22.93 1.40 0.00	21.47 1.16 0.00	20.57 1.10 -0.80
NARROWS_GT2_4 24239	20.59 1.05 0.00	18.44 0.93 0.00	18.02 0.82 -0.07	18.18 0.66 -2.54	17.84 0.66 -2.19	18.52 0.81 0.00	19.64 0.95 -0.37	20.00 0.97 -2.28	20.46 0.81 -4.39	21.01 0.84 -4.85	20.62 0.77 -4.71	20.37 0.79 -4.42	20.82 0.87 -4.18	20.83 0.91 -3.28	20.56 1.01 -2.74	21.52 1.10 -2.43	25.09 1.59 -2.04	30.32 1.73 -5.48	29.74 1.72 -4.76	28.45 1.75 -2.37	25.43 1.45 -0.57	22.93 1.40 0.00	21.47 1.16 0.00	20.57 1.10 -0.80
NARROWS_GT2_5 24240	20.59 1.05 0.00	18.44 0.93 0.00	18.02 0.82 -0.07	18.18 0.66 -2.54	17.84 0.66 -2.19	18.52 0.81 0.00	19.64 0.95 -0.37	20.00 0.97 -2.28	20.46 0.81 -4.39	21.01 0.84 -4.85	20.62 0.77 -4.71	20.37 0.79 -4.42	20.82 0.87 -4.18	20.83 0.91 -3.28	20.56 1.01 -2.74	21.52 1.10 -2.43	25.09 1.59 -2.04	30.32 1.73 -5.48	29.74 1.72 -4.76	28.45 1.75 -2.37	25.43 1.45 -0.57	22.93 1.40 0.00	21.47 1.16 0.00	20.57 1.10 -0.80
NARROWS_GT2_6 24241	20.59 1.05 0.00	18.44 0.93 0.00	18.02 0.82 -0.07	18.18 0.66 -2.54	17.84 0.66 -2.19	18.52 0.81 0.00	19.64 0.95 -0.37	20.00 0.97 -2.28	20.46 0.81 -4.39	21.01 0.84 -4.85	20.62 0.77 -4.71	20.37 0.79 -4.42	20.82 0.87 -4.18	20.83 0.91 -3.28	20.56 1.01 -2.74	21.52 1.10 -2.43	25.09 1.59 -2.04	30.32 1.73 -5.48	29.74 1.72 -4.76	28.45 1.75 -2.37	25.43 1.45 -0.57	22.93 1.40 0.00	21.47 1.16 0.00	20.57 1.10 -0.80
NARROWS_GT2_7 24242	20.59 1.05 0.00	18.44 0.93 0.00	18.02 0.82 -0.07	18.18 0.66 -2.54	17.84 0.66 -2.19	18.52 0.81 0.00	19.64 0.95 -0.37	20.00 0.97 -2.28	20.46 0.81 -4.39	21.01 0.84 -4.85	20.62 0.77 -4.71	20.37 0.79 -4.42	20.82 0.87 -4.18	20.83 0.91 -3.28	20.56 1.01 -2.74	21.52 1.10 -2.43	25.09 1.59 -2.04	30.32 1.73 -5.48	29.74 1.72 -4.76	28.45 1.75 -2.37	25.43 1.45 -0.57	22.93 1.40 0.00	21.47 1.16 0.00	20.57 1.10 -0.80
NARROWS_GT2_8 24243	20.59 1.05 0.00	18.44 0.93 0.00	18.02 0.82 -0.07	18.18 0.66 -2.54	17.84 0.66 -2.19	18.52 0.81 0.00	19.64 0.95 -0.37	20.00 0.97 -2.28	20.46 0.81 -4.39	21.01 0.84 -4.85	20.62 0.77 -4.71	20.37 0.79 -4.42	20.82 0.87 -4.18	20.83 0.91 -3.28	20.56 1.01 -2.74	21.52 1.10 -2.43	25.09 1.59 -2.04	30.32 1.73 -5.48	29.74 1.72 -4.76	28.45 1.75 -2.37	25.43 1.45 -0.57	22.93 1.40 0.00	21.47 1.16 0.00	20.57 1.10 -0.80
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	20.28 0.74 0.00	18.25 0.74 0.00	17.94 0.72 -0.09	18.57 0.54 -3.05	18.16 0.54 -2.64	18.41 0.71 0.00	19.40 0.64 -0.45	20.11 0.62 -2.74	20.91 0.37 -5.28	21.51 0.35 -5.83	21.19 0.38 -5.67	20.86 0.38 -5.32	21.16 0.36 -5.03	21.00 0.42 -3.94	20.51 0.40 -3.30	21.34 0.43 -2.92	24.58 0.67 -2.45	30.44 0.74 -6.59	29.87 0.88 -5.73	28.18 1.00 -2.85	25.08 0.98 -0.69	22.31 0.78 0.00	21.04 0.73 0.00	20.26 0.63 -0.96
NCHELSEA_115KV_TR2 355582	20.55 1.02 0.00	18.39 0.88 0.00	18.04 0.84 -0.07	18.20 0.67 -2.54	17.87 0.69 -2.20	18.52 0.81 0.00	19.59 0.90 -0.37	19.87 0.84 -2.29	20.32 0.66 -4.40	20.86 0.67 -4.86	20.49 0.62 -4.73	20.20 0.61 -4.44	20.61 0.65 -4.20	20.63 0.70 -3.29	20.30 0.74 -2.75	21.23 0.81 -2.43	24.71 1.20 -2.05	29.97 1.36 -5.50	29.43 1.40 -4.78	28.15 1.44 -2.38	25.24 1.26 -0.58	22.71 1.18 0.00	21.30 1.00 0.00	20.42 0.95 -0.80
NEG CAPITAL___MECHNVIL 23645	20.55 1.02 0.00	18.44 0.93 0.00	18.15 0.92 -0.10	19.06 0.78 -3.29	18.61 0.78 -2.85	18.68 0.97 0.00	19.82 1.03 -0.48	20.70 0.99 -2.96	21.71 0.75 -5.70	22.45 0.83 -6.30	22.07 0.82 -6.12	21.70 0.80 -5.74	22.02 0.82 -5.43	21.74 0.85 -4.26	21.21 0.84 -3.56	22.02 0.88 -3.15	25.31 1.20 -2.65	31.47 1.25 -7.11	30.74 1.30 -6.18	28.82 1.41 -3.08	25.67 1.52 -0.74	22.74 1.20 0.00	21.41 1.10 0.00	20.75 1.04 -1.03
NEG CENTRAL_HIGH_ACRES 23767	19.23 -0.31 0.00	17.22 -0.30 0.00	16.84 -0.29 0.00	14.92 -0.21 -0.15	14.92 -0.20 -0.13	17.44 -0.27 0.00	17.97 -0.37 -0.02	16.53 -0.35 -0.13	15.16 -0.40 -0.29	15.18 -0.46 -0.32	15.04 -0.41 -0.31	15.05 -0.39 -0.29	15.68 -0.36 -0.27	16.49 -0.37 -0.22	16.65 -0.34 -0.18	17.79 -0.36 -0.16	21.22 -0.37 -0.12	23.19 -0.23 -0.32	23.30 -0.23 -0.27	24.25 -0.22 -0.14	23.32 -0.12 -0.03	21.29 -0.24 0.00	20.07 -0.24 0.00	18.46 -0.26 -0.05
NEG CENTRAL___DRP 24199	19.62 0.08 0.00	17.59 0.07 0.00	17.20 0.07 0.00	15.19 0.04 -0.16	15.18 0.06 -0.14	17.79 0.09 0.00	18.39 0.05 -0.02	16.94 0.05 -0.14	15.52 -0.06 -0.31	15.54 -0.12 -0.34	15.34 -0.14 -0.34	15.37 -0.11 -0.31	15.97 -0.09 -0.30	16.79 -0.08 -0.23	16.94 -0.07 -0.19	18.11 -0.05 -0.17	21.72 0.11 -0.15	23.77 0.28 -0.39	23.90 0.30 -0.34	24.87 0.36 -0.17	23.82 0.37 -0.04	21.85 0.32 0.00	20.53 0.22 0.00	18.84 0.11 -0.06
NEG CENTRAL___INDECK 23768	20.22 0.68 0.00	18.11 0.60 0.00	17.70 0.56 -0.01	15.69 0.49 -0.21	15.69 0.52 -0.18	18.34 0.64 0.00	18.90 0.55 -0.03	17.37 0.43 -0.19	15.97 0.31 -0.40	15.92 0.15 -0.44	15.73 0.17 -0.43	15.73 0.17 -0.40	16.35 0.20 -0.38	17.19 0.25 -0.30	17.34 0.29 -0.25	18.57 0.36 -0.22	22.15 0.51 -0.17	24.46 0.90 -0.46	24.61 0.95 -0.40	25.60 1.07 -0.20	24.60 1.15 -0.05	22.50 0.97 0.00	21.18 0.87 0.00	19.37 0.64 -0.07
NEG CENTRAL___SENECA 23627	19.71 0.18 0.00	17.67 0.16 0.00	17.29 0.15 -0.01	15.27 0.10 -0.18	15.26 0.12 -0.15	17.90 0.19 0.00	18.47 0.13 -0.03	17.03 0.12 -0.16	15.62 0.02 -0.34	15.64 -0.06 -0.38	15.44 -0.06 -0.37	15.47 -0.03 -0.34	16.08 -0.02 -0.32	16.89 0.00 -0.25	17.05 0.03 -0.21	18.23 0.05 -0.19	21.84 0.21 -0.16	23.95 0.42 -0.42	24.04 0.42 -0.37	25.00 0.49 -0.18	23.96 0.51 -0.04	21.98 0.45 0.00	20.65 0.35 0.00	18.92 0.19 -0.06
NEG CENTRAL___STATE_STREET 24147	19.68 0.14 0.00	17.64 0.12 0.00	17.25 0.12 0.00	15.23 0.09 -0.16	15.23 0.10 -0.14	17.86 0.16 0.00	18.49 0.15 -0.02	17.04 0.15 -0.14	15.56 -0.02 -0.31	15.60 -0.06 -0.34	15.41 -0.06 -0.33	15.44 -0.03 -0.31	16.03 -0.03 -0.29	16.85 -0.02 -0.23	16.98 -0.02 -0.19	18.16 0.00 -0.17	21.84 0.24 -0.14	23.86 0.37 -0.38	23.98 0.40 -0.33	24.98 0.49 -0.17	23.91 0.47 -0.04	21.92 0.39 0.00	20.61 0.30 0.00	18.91 0.19 -0.06
NEG MILLWOOD___DRP 24198	20.65 1.11 0.00	18.48 0.96 0.00	18.13 0.92 -0.07	18.32 0.75 -2.58	17.95 0.73 -2.23	18.59 0.89 0.00	19.66 0.97 -0.38	19.99 0.92 -2.32	20.50 0.76 -4.47	21.06 0.80 -4.94	20.65 0.71 -4.80	20.35 0.68 -4.51	20.77 0.74 -4.26	20.78 0.80 -3.34	20.46 0.86 -2.79	21.40 0.94 -2.47	24.90 1.35 -2.08	30.22 1.53 -5.59	29.62 1.51 -4.86	28.33 1.58 -2.42	25.39 1.40 -0.58	22.84 1.31 0.00	21.45 1.14 0.00	20.49 1.01 -0.81

NEG NORTH_FLCN_SEA 23793	20.01 0.47 0.00	17.88 0.37 0.00	17.47 0.34 0.00	15.33 0.34 0.00	15.27 0.28 0.00	18.02 0.32 0.00	18.66 0.35 0.00	17.12 0.37 0.00	15.66 0.40 0.00	15.81 0.49 0.00	15.59 0.45 0.00	15.58 0.42 0.00	16.12 0.35 0.00	16.85 0.22 0.00	16.91 0.10 0.00	18.03 0.04 0.00	21.49 0.02 0.00	23.08 -0.02 0.00	23.12 -0.14 0.00	24.02 -0.32 0.00	23.03 -0.37 0.00	21.25 -0.28 0.00	20.09 -0.22 0.00	18.45 -0.22 0.00
NEG NORTH_KES_CHATEGAY 23792	19.81 0.27 0.00	17.71 0.19 0.00	17.30 0.17 0.00	15.18 0.19 0.00	15.12 0.13 0.00	17.84 0.14 0.00	18.50 0.18 0.00	16.95 0.20 0.00	15.51 0.24 0.00	15.66 0.34 0.00	15.44 0.30 0.00	15.44 0.29 0.00	15.96 0.19 0.00	16.70 0.07 0.00	16.78 -0.03 0.00	17.88 -0.11 0.00	21.31 -0.15 0.00	22.85 -0.25 0.00	22.91 -0.35 0.00	23.80 -0.54 0.00	22.84 -0.56 0.00	21.06 -0.47 0.00	19.92 -0.39 0.00	18.30 -0.37 0.00
NEG NORTH___ALICE_FALLS 23915	20.01 0.47 0.00	17.87 0.35 0.00	17.45 0.33 0.00	15.31 0.33 0.00	15.25 0.27 0.00	18.00 0.30 0.00	18.68 0.37 0.00	17.12 0.37 0.00	15.68 0.41 0.00	15.84 0.52 0.00	15.61 0.47 0.00	15.60 0.44 0.00	16.13 0.36 0.00	16.87 0.23 0.00	16.93 0.12 0.00	18.06 0.07 0.00	21.53 0.06 0.00	23.15 0.05 0.00	23.19 -0.07 0.00	24.09 -0.24 0.00	23.10 -0.30 0.00	21.29 -0.24 0.00	20.11 -0.20 0.00	18.47 -0.21 0.00
NEG NORTH___LWR_SARANAC 23913	20.01 0.47 0.00	17.87 0.35 0.00	17.45 0.33 0.00	15.31 0.33 0.00	15.25 0.27 0.00	18.00 0.30 0.00	18.68 0.37 0.00	17.12 0.37 0.00	15.68 0.41 0.00	15.84 0.52 0.00	15.61 0.47 0.00	15.60 0.44 0.00	16.13 0.36 0.00	16.87 0.23 0.00	16.93 0.12 0.00	18.06 0.07 0.00	21.53 0.06 0.00	23.15 0.05 0.00	23.19 -0.07 0.00	24.09 -0.24 0.00	23.10 -0.30 0.00	21.29 -0.24 0.00	20.11 -0.20 0.00	18.47 -0.21 0.00
NEG NORTH___PLATTSBURG 23628	20.01 0.47 0.00	17.87 0.35 0.00	17.45 0.32 0.00	15.31 0.33 0.00	15.25 0.27 0.00	18.00 0.30 0.00	18.66 0.35 0.00	17.12 0.37 0.00	15.68 0.41 0.00	15.84 0.52 0.00	15.61 0.47 0.00	15.60 0.44 0.00	16.13 0.36 0.00	16.87 0.23 0.00	16.93 0.12 0.00	18.06 0.07 0.00	21.53 0.06 0.00	23.15 0.05 0.00	23.19 -0.07 0.00	24.09 -0.24 0.00	23.10 -0.30 0.00	21.29 -0.24 0.00	20.11 -0.20 0.00	18.47 -0.20 0.00
NEG WEST_LEA_LOCKPORT 23791	19.40 -0.14 0.00	17.46 -0.05 0.00	17.07 -0.07 -0.01	15.08 -0.09 -0.19	15.07 -0.07 -0.16	17.72 0.02 0.00	18.00 -0.35 -0.03	16.40 -0.52 -0.17	15.18 -0.44 -0.35	15.16 -0.55 -0.39	15.08 -0.44 -0.38	15.12 -0.39 -0.36	15.76 -0.35 -0.34	16.60 -0.30 -0.26	16.74 -0.29 -0.22	17.90 -0.29 -0.20	21.11 -0.52 -0.16	23.20 -0.35 -0.44	23.20 -0.44 -0.38	24.01 -0.51 -0.19	23.22 -0.23 -0.05	21.23 -0.30 0.00	20.02 -0.28 0.00	18.46 -0.28 -0.06
NEG WEST___LANCASTR 23811	19.38 -0.16 0.00	17.41 -0.11 0.00	17.07 -0.07 -0.01	14.77 -0.43 -0.22	14.74 -0.43 -0.19	17.67 -0.04 0.00	17.67 -0.68 -0.03	16.19 -0.75 -0.19	15.01 -0.66 -0.41	15.02 -0.75 -0.45	14.92 -0.65 -0.44	14.95 -0.62 -0.41	15.54 -0.62 -0.39	16.36 -0.58 -0.30	16.49 -0.57 -0.25	17.66 -0.56 -0.22	20.88 -0.77 -0.19	22.99 -0.62 -0.51	22.98 -0.72 -0.44	23.77 -0.78 -0.22	22.89 -0.56 -0.05	21.40 -0.13 0.00	20.15 -0.16 0.00	18.07 -0.67 -0.07
NEG_PENN_ALLEGHNY 23528	19.73 0.20 0.00	17.69 0.18 0.00	17.31 0.17 -0.01	15.48 0.11 -0.39	15.43 0.11 -0.34	17.90 0.20 0.00	18.54 0.16 -0.06	17.20 0.10 -0.35	15.99 0.02 -0.71	16.07 -0.03 -0.78	15.88 -0.02 -0.76	15.87 0.00 -0.71	16.44 0.00 -0.67	17.20 0.03 -0.53	17.30 0.05 -0.44	18.44 0.05 -0.39	21.97 0.19 -0.32	24.28 0.32 -0.85	24.32 0.33 -0.74	25.07 0.37 -0.37	23.89 0.40 -0.09	21.92 0.39 0.00	20.63 0.32 0.00	18.96 0.17 -0.12
NEG___GEN_MONROE 24207	19.66 0.12 0.00	17.64 0.12 0.00	17.27 0.14 0.00	15.30 0.16 -0.15	15.31 0.19 -0.13	17.86 0.16 0.00	18.36 0.02 -0.02	16.77 -0.12 -0.14	15.43 -0.14 -0.30	15.45 -0.20 -0.33	15.29 -0.17 -0.32	15.31 -0.15 -0.30	15.96 -0.09 -0.29	16.83 -0.03 -0.22	16.96 -0.03 -0.19	18.14 -0.02 -0.17	21.54 -0.06 -0.14	23.62 0.14 -0.37	23.67 0.09 -0.33	24.59 0.10 -0.16	23.68 0.23 -0.04	21.57 0.04 0.00	20.35 0.04 0.00	18.78 0.06 -0.05
NEPA___ENERGY 23901	19.73 0.20 0.00	17.74 0.23 0.00	17.39 0.26 -0.01	15.30 0.09 -0.22	15.27 0.09 -0.19	18.00 0.30 0.00	18.29 -0.05 -0.03	16.78 -0.17 -0.20	15.56 -0.12 -0.41	15.56 -0.21 -0.46	15.46 -0.12 -0.44	15.48 -0.09 -0.42	16.10 -0.06 -0.39	16.95 0.00 -0.31	17.08 0.02 -0.26	18.29 0.07 -0.23	21.64 -0.02 -0.19	23.83 0.21 -0.52	23.80 0.09 -0.45	24.60 0.05 -0.22	23.69 0.23 -0.05	21.85 0.32 0.00	20.57 0.26 0.00	18.73 -0.02 -0.08
NEVERSINK___HYD 23608	20.26 0.72 0.00	18.13 0.61 0.00	17.74 0.55 -0.06	17.49 0.43 -0.07	17.22 0.45 -1.79	18.22 0.51 0.00	19.22 0.60 -0.30	19.20 0.59 -1.86	19.28 0.43 -3.59	19.70 0.41 -3.96	19.34 0.35 -3.85	19.09 0.32 -3.61	19.05 -0.14 -3.42	19.17 -0.15 -2.68	18.95 -0.10 -2.24	19.90 -0.07 -1.98	23.30 0.17 -1.67	27.86 0.28 -4.47	27.49 0.35 -3.89	26.63 0.37 -1.94	24.83 0.96 -0.47	22.43 0.90 0.00	21.00 0.69 0.00	19.99 0.67 -0.65
NEWKRMKL_115KV_TB1 55635	19.93 0.39 0.00	17.94 0.42 0.00	17.65 0.43 -0.09	18.60 0.36 -3.26	18.16 0.36 -2.82	18.15 0.44 0.00	19.23 0.44 -0.48	20.10 0.42 -2.93	21.18 0.27 -5.64	21.80 0.25 -6.23	21.48 0.29 -6.06	21.14 0.30 -5.68	21.46 0.32 -5.37	21.20 0.35 -4.21	20.68 0.35 -3.52	21.45 0.34 -3.12	24.58 0.49 -2.62	30.66 0.51 -7.04	29.91 0.53 -6.12	27.96 0.58 -3.05	24.75 0.61 -0.74	21.98 0.45 0.00	20.78 0.47 0.00	20.14 0.45 -1.02
NEWTON___FALLS_HYD 23847	19.23 -0.31 0.00	17.20 -0.32 0.00	16.79 -0.34 0.00	14.71 -0.27 0.00	14.71 -0.27 0.00	17.38 -0.32 0.00	18.02 -0.29 0.00	16.55 -0.20 0.00	15.05 -0.21 0.00	15.14 -0.18 0.00	14.93 -0.21 0.00	14.91 -0.24 0.00	15.49 -0.28 0.00	16.30 -0.33 0.00	16.46 -0.35 0.00	17.61 -0.38 0.00	21.08 -0.39 0.00	22.71 -0.39 0.00	22.91 -0.35 0.00	24.02 -0.32 0.00	23.05 -0.35 0.00	21.16 -0.37 0.00	19.96 -0.35 0.00	18.30 -0.37 0.00
NGRID_A1_DSASP 323792	18.99 -0.55 0.00	17.08 -0.44 0.00	16.93 -0.20 -0.01	15.01 -0.16 -0.19	15.00 -0.15 -0.16	17.33 -0.37 0.00	17.76 -0.59 -0.03	16.13 -0.79 -0.17	14.94 -0.69 -0.36	14.94 -0.78 -0.40	14.84 -0.68 -0.39	14.90 -0.62 -0.36	15.53 -0.58 -0.34	16.36 -0.55 -0.27	16.49 -0.54 -0.22	17.61 -0.58 -0.20	20.74 -0.88 -0.15	22.77 -0.74 -0.41	22.75 -0.86 -0.35	23.53 -0.97 -0.18	22.77 -0.68 -0.04	20.82 -0.71 0.00	19.74 -0.57 0.00	18.26 -0.47 -0.06
NGRID_A2_DSASP 323793	18.99 -0.55 0.00	17.08 -0.44 0.00	16.93 -0.20 -0.01	15.01 -0.16 -0.19	15.00 -0.15 -0.16	17.33 -0.37 0.00	17.76 -0.59 -0.03	16.13 -0.79 -0.17	14.94 -0.69 -0.36	14.94 -0.78 -0.40	14.84 -0.68 -0.39	14.90 -0.62 -0.36	15.53 -0.58 -0.34	16.36 -0.55 -0.27	16.49 -0.54 -0.22	17.61 -0.58 -0.20	20.74 -0.88 -0.15	22.77 -0.74 -0.41	22.75 -0.86 -0.35	23.53 -0.97 -0.18	22.77 -0.68 -0.04	20.82 -0.71 0.00	19.74 -0.57 0.00	18.26 -0.47 -0.06

NGRID_A4_DSASP 323807	18.99 -0.55 0.00	17.08 -0.44 0.00	16.93 -0.21 -0.01	15.01 -0.16 -0.19	15.00 -0.15 -0.16	17.33 -0.37 0.00	17.78 -0.57 -0.03	16.13 -0.79 -0.17	14.94 -0.69 -0.36	14.94 -0.78 -0.40	14.84 -0.68 -0.39	14.90 -0.62 -0.36	15.53 -0.58 -0.34	16.36 -0.55 -0.27	16.50 -0.54 -0.22	17.62 -0.58 -0.20	20.75 -0.88 -0.17	22.82 -0.74 -0.45	22.79 -0.86 -0.39	23.55 -0.97 -0.19	22.79 -0.66 -0.05	20.82 -0.71 0.00	19.66 -0.65 0.00	18.27 -0.47 -0.07
NIAGARA_115E_LBMP 323715	19.15 -0.39 0.00	17.27 -0.25 0.00	16.81 -0.33 -0.01	14.87 -0.30 -0.19	14.86 -0.29 -0.16	17.53 -0.18 0.00	17.74 -0.60 -0.03	16.15 -0.77 -0.17	14.95 -0.67 -0.36	14.95 -0.77 -0.40	14.86 -0.67 -0.39	14.90 -0.62 -0.36	15.55 -0.57 -0.34	16.37 -0.53 -0.27	16.50 -0.54 -0.22	17.63 -0.56 -0.20	20.76 -0.86 -0.15	22.80 -0.72 -0.41	22.80 -0.81 -0.36	23.58 -0.92 -0.18	22.82 -0.63 -0.04	20.89 -0.65 0.00	19.78 -0.53 0.00	18.19 -0.54 -0.06
NIAGARA_115W_LBMP 323714	18.95 -0.59 0.00	17.03 -0.49 0.00	16.91 -0.22 -0.01	14.98 -0.20 -0.19	14.97 -0.18 -0.16	17.30 -0.41 0.00	17.72 -0.62 -0.03	16.08 -0.84 -0.17	14.89 -0.73 -0.36	14.89 -0.83 -0.40	14.81 -0.71 -0.39	14.85 -0.67 -0.36	15.48 -0.63 -0.34	16.32 -0.58 -0.27	16.44 -0.59 -0.22	17.56 -0.63 -0.20	20.67 -0.94 -0.15	22.70 -0.81 -0.41	22.70 -0.91 -0.35	23.49 -1.02 -0.18	22.70 -0.75 -0.04	20.78 -0.75 0.00	19.68 -0.63 0.00	18.23 -0.50 -0.06
NIAGARA_230_LBMP 323716	19.21 -0.33 0.00	17.27 -0.25 0.00	16.96 -0.17 -0.01	15.02 -0.15 -0.19	15.01 -0.14 -0.16	17.53 -0.18 0.00	17.90 -0.44 -0.03	16.30 -0.62 -0.17	15.08 -0.53 -0.35	15.08 -0.63 -0.39	14.99 -0.53 -0.38	15.04 -0.47 -0.36	15.68 -0.43 -0.34	16.52 -0.38 -0.27	16.64 -0.39 -0.22	17.79 -0.40 -0.20	20.95 -0.67 -0.15	23.00 -0.51 -0.40	23.00 -0.60 -0.35	23.80 -0.71 -0.17	23.00 -0.45 -0.04	21.06 -0.47 0.00	19.94 -0.36 0.00	18.37 -0.36 -0.06
NIAGARA__115KV_198_GIBSON 55903	18.95 -0.59 0.00	17.03 -0.49 0.00	16.91 -0.22 -0.01	14.98 -0.19 -0.19	14.97 -0.18 -0.16	17.30 -0.41 0.00	17.72 -0.62 -0.03	16.08 -0.84 -0.17	14.89 -0.73 -0.36	14.89 -0.83 -0.40	14.81 -0.71 -0.39	14.87 -0.65 -0.36	15.48 -0.63 -0.34	16.32 -0.58 -0.27	16.44 -0.59 -0.22	17.56 -0.63 -0.20	20.69 -0.94 -0.17	22.75 -0.81 -0.45	22.71 -0.93 -0.39	23.50 -1.02 -0.19	22.72 -0.73 -0.05	20.78 -0.75 0.00	19.60 -0.71 0.00	18.23 -0.50 -0.07
NIAGARA____ 23760	19.21 -0.33 0.00	17.27 -0.25 0.00	16.96 -0.17 -0.01	15.02 -0.15 -0.19	15.01 -0.14 -0.16	17.53 -0.18 0.00	17.90 -0.44 -0.03	16.30 -0.62 -0.17	15.09 -0.53 -0.36	15.09 -0.63 -0.40	14.99 -0.53 -0.38	15.05 -0.47 -0.36	15.69 -0.43 -0.34	16.52 -0.38 -0.27	16.65 -0.39 -0.22	17.79 -0.40 -0.20	20.95 -0.67 -0.15	23.00 -0.51 -0.41	23.00 -0.60 -0.35	23.80 -0.71 -0.18	23.00 -0.45 -0.04	21.06 -0.47 0.00	19.94 -0.36 0.00	18.37 -0.36 -0.06
NINE_MILE_1 23575	19.09 -0.45 0.00	17.11 -0.40 0.00	16.74 -0.39 0.00	14.72 -0.34 -0.08	14.72 -0.33 -0.07	17.31 -0.39 0.00	17.91 -0.42 -0.01	16.42 -0.40 -0.07	14.91 -0.53 -0.18	14.97 -0.55 -0.20	14.78 -0.54 -0.19	14.80 -0.53 -0.18	15.40 -0.54 -0.17	16.20 -0.57 -0.13	16.37 -0.55 -0.11	17.50 -0.59 -0.10	21.03 -0.49 -0.06	22.81 -0.46 -0.16	22.93 -0.46 -0.14	23.94 -0.46 -0.07	22.97 -0.45 -0.02	21.10 -0.43 0.00	19.90 -0.41 0.00	18.28 -0.41 -0.02
NINE_MILE_2 23744	19.09 -0.45 0.00	17.11 -0.40 0.00	16.74 -0.39 0.00	14.73 -0.33 -0.08	14.72 -0.33 -0.07	17.31 -0.39 0.00	17.91 -0.42 -0.01	16.43 -0.38 -0.07	14.91 -0.53 -0.18	14.97 -0.55 -0.20	14.78 -0.54 -0.19	14.80 -0.53 -0.18	15.40 -0.54 -0.17	16.20 -0.57 -0.13	16.37 -0.55 -0.11	17.50 -0.59 -0.10	21.03 -0.49 -0.06	22.81 -0.46 -0.16	22.93 -0.46 -0.14	23.94 -0.46 -0.07	23.00 -0.42 -0.02	21.10 -0.43 0.00	19.90 -0.41 0.00	18.28 -0.41 -0.02
NM_CAPITAL____DRP 24208	19.99 0.45 0.00	17.99 0.47 0.00	17.69 0.46 -0.09	18.62 0.39 -3.25	18.18 0.39 -2.81	18.18 0.48 0.00	19.29 0.49 -0.47	20.11 0.44 -2.92	21.20 0.31 -5.63	21.81 0.28 -6.22	21.50 0.32 -6.04	21.16 0.33 -5.67	21.46 0.33 -5.36	21.21 0.37 -4.20	20.69 0.37 -3.51	21.48 0.38 -3.11	24.60 0.52 -2.62	30.69 0.55 -7.03	29.92 0.56 -6.11	27.98 0.61 -3.04	24.77 0.63 -0.74	22.03 0.50 0.00	20.80 0.49 0.00	20.18 0.49 -1.02
NM_CENTRAL____DRP 24181	19.44 -0.10 0.00	17.43 -0.09 0.00	17.05 -0.09 0.00	15.02 -0.07 -0.11	15.00 -0.07 -0.10	17.63 -0.07 0.00	18.24 -0.09 -0.02	16.76 -0.08 -0.10	15.26 -0.23 -0.22	15.31 -0.26 -0.25	15.14 -0.24 -0.24	15.15 -0.23 -0.23	15.75 -0.24 -0.21	16.57 -0.23 -0.17	16.73 -0.22 -0.14	17.88 -0.23 -0.12	21.48 -0.09 -0.10	23.39 0.00 -0.28	23.50 0.00 -0.24	24.50 0.05 -0.12	23.50 0.07 -0.03	21.55 0.02 0.00	20.29 -0.02 0.00	18.66 -0.06 -0.04
NM_FRONTIER____DRP 24179	18.95 -0.59 0.00	17.03 -0.49 0.00	16.91 -0.22 -0.01	14.98 -0.19 -0.19	14.97 -0.18 -0.16	17.30 -0.41 0.00	17.72 -0.62 -0.03	16.08 -0.84 -0.17	14.89 -0.73 -0.36	14.89 -0.83 -0.40	14.81 -0.71 -0.39	14.87 -0.65 -0.36	15.48 -0.63 -0.34	16.32 -0.58 -0.27	16.44 -0.59 -0.22	17.56 -0.63 -0.20	20.69 -0.94 -0.17	22.75 -0.81 -0.45	22.71 -0.93 -0.39	23.50 -1.02 -0.19	22.72 -0.73 -0.05	20.78 -0.75 0.00	19.60 -0.71 0.00	18.23 -0.50 -0.07
NM_ST_REGIS____HYD 24053	19.15 -0.39 0.00	17.11 -0.40 0.00	16.73 -0.39 0.00	14.68 -0.30 0.00	14.64 -0.34 0.00	17.30 -0.41 0.00	17.95 -0.37 0.00	16.48 -0.27 0.00	15.07 -0.20 0.00	15.21 -0.11 0.00	15.02 -0.12 0.00	15.01 -0.15 0.00	15.56 -0.21 0.00	16.35 -0.28 0.00	16.49 -0.32 0.00	17.60 -0.40 0.00	20.97 -0.49 0.00	22.51 -0.60 0.00	22.58 -0.67 0.00	23.58 -0.75 0.00	22.65 -0.75 0.00	20.84 -0.69 0.00	19.70 -0.61 0.00	18.07 -0.60 0.00
NORTHPORT____1 23551	20.91 1.37 0.00	18.67 1.16 0.00	18.21 1.01 -0.07	18.31 0.79 -2.54	17.99 0.81 -2.19	18.71 1.01 0.00	19.82 1.14 -0.37	20.13 1.11 -2.28	20.63 0.98 -4.39	21.20 1.03 -4.85	20.91 1.06 -4.72	20.66 1.06 -4.44	21.09 1.14 -4.19	21.37 1.18 -3.55	23.53 1.23 -5.49	24.31 1.30 -5.02	25.38 1.89 -2.03	32.52 2.08 -7.33	33.01 2.05 -7.71	28.39 2.07 -1.99	25.87 1.89 -0.57	24.64 1.70 -1.41	23.53 1.67 -1.56	20.87 1.40 -0.80
NORTHPORT____2 23552	20.91 1.37 0.00	18.67 1.16 0.00	18.21 1.01 -0.07	18.31 0.79 -2.54	17.99 0.81 -2.19	18.71 1.01 0.00	19.82 1.14 -0.37	20.13 1.11 -2.28	20.63 0.98 -4.39	21.20 1.03 -4.85	20.91 1.06 -4.72	20.66 1.06 -4.44	21.09 1.14 -4.19	21.37 1.18 -3.55	23.53 1.23 -5.49	24.31 1.30 -5.02	25.38 1.89 -2.03	32.52 2.08 -7.33	33.01 2.05 -7.71	28.39 2.07 -1.99	25.87 1.89 -0.57	24.64 1.70 -1.41	23.53 1.67 -1.56	20.87 1.40 -0.80
NORTHPORT____3 23553	20.83 1.29 0.00	18.62 1.10 0.00	18.16 0.96 -0.07	18.27 0.75 -2.54	17.94 0.76 -2.19	18.66 0.96 0.00	19.77 1.08 -0.37	20.10 1.07 -2.28	20.60 0.95 -4.39	21.18 1.01 -4.85	20.90 1.04 -4.72	20.66 1.06 -4.44	21.09 1.14 -4.19	21.38 1.20 -3.55	23.56 1.26 -5.49	24.38 1.37 -5.02	25.11 1.61 -2.04	32.27 1.82 -7.34	32.79 1.82 -7.72	28.21 1.87 -2.00	25.62 1.64 -0.58	24.68 1.74 -1.41	23.47 1.60 -1.56	20.85 1.38 -0.80

NORTHPORT___4 23650	20.83 1.29 0.00	18.62 1.10 0.00	18.16 0.96 -0.07	18.27 0.75 -2.54	17.94 0.76 -2.19	18.66 0.96 0.00	19.77 1.08 -0.37	20.10 1.07 -2.28	20.60 0.95 -4.39	21.18 1.01 -4.85	20.90 1.04 -4.72	20.66 1.06 -4.44	21.09 1.14 -4.19	21.38 1.20 -3.55	23.56 1.26 -5.49	24.38 1.37 -5.02	25.11 1.61 -2.04	32.27 1.82 -7.34	32.79 1.82 -7.72	28.21 1.87 -2.00	25.62 1.64 -0.58	24.68 1.74 -1.41	23.47 1.60 -1.56	20.85 1.38 -0.80
NORTHPORT___IC 23718	20.91 1.37 0.00	18.67 1.16 0.00	18.21 1.01 -0.07	18.31 0.79 -2.54	17.99 0.81 -2.19	18.71 1.01 0.00	19.82 1.14 -0.37	20.13 1.11 -2.28	20.63 0.98 -4.39	21.20 1.03 -4.85	20.91 1.06 -4.72	20.66 1.06 -4.44	21.09 1.14 -4.19	21.37 1.18 -3.55	23.53 1.23 -5.49	24.31 1.30 -5.02	25.38 1.89 -2.03	32.52 2.08 -7.33	33.01 2.05 -7.71	28.39 2.07 -1.99	25.87 1.89 -0.57	24.64 1.70 -1.41	23.53 1.67 -1.56	20.87 1.40 -0.80
NORTH___COUNTRY_ESR 323785	19.75 0.22 0.00	17.66 0.14 0.00	17.26 0.14 0.00	15.13 0.15 0.00	15.09 0.11 0.00	17.79 0.09 0.00	18.45 0.13 0.00	16.90 0.15 0.00	15.46 0.20 0.00	15.61 0.29 0.00	15.40 0.26 0.00	15.38 0.23 0.00	15.91 0.14 0.00	16.65 0.02 0.00	16.71 -0.10 0.00	17.83 -0.16 0.00	21.23 -0.24 0.00	22.76 -0.35 0.00	22.81 -0.44 0.00	23.70 -0.63 0.00	22.75 -0.66 0.00	20.97 -0.56 0.00	19.84 -0.47 0.00	18.24 -0.43 0.00
NPX_GEN_1385_PROXY 323591	20.81 1.27 0.00	18.60 1.09 0.00	18.14 0.94 -0.07	18.25 0.73 -2.54	17.91 0.73 -2.19	18.64 0.94 0.00	19.71 1.03 -0.37	20.00 0.97 -2.28	20.54 0.88 -4.39	21.00 0.83 -4.85	20.63 0.77 -4.72	20.37 0.77 -4.44	20.79 0.84 -4.19	21.00 0.82 -3.55	23.09 0.79 -5.49	23.84 0.83 -5.02	24.95 1.46 -2.03	32.19 1.76 -7.33	32.71 1.75 -7.71	27.93 1.61 -1.99	25.45 1.48 -0.57	24.23 1.29 -1.41	23.23 1.36 -1.56	20.61 1.14 -0.80
NPX_GEN_CSC 323557	21.22 1.68 0.00	18.99 1.47 0.00	18.49 1.29 -0.07	18.55 1.03 -2.54	18.23 1.05 -2.19	19.01 1.31 0.00	20.13 1.45 -0.37	20.42 1.39 -2.28	20.88 1.22 -4.39	21.46 1.29 -4.85	21.17 1.32 -4.72	20.92 1.32 -4.44	21.34 1.39 -4.19	21.67 1.48 -3.55	23.90 1.60 -5.49	24.78 1.76 -5.03	28.27 2.47 -4.33	33.22 2.70 -7.41	33.74 2.70 -7.79	62.23 2.75 -35.15	28.28 2.55 -2.32	25.22 2.28 -1.41	24.00 2.13 -1.56	21.24 1.77 -0.80
NSINS_S_GLNS_FALLS 23858	20.75 1.21 0.00	18.62 1.10 0.00	18.35 1.13 -0.10	19.26 0.97 -3.31	18.82 0.97 -2.86	18.91 1.20 0.00	20.06 1.26 -0.48	21.01 1.29 -2.97	21.98 0.99 -5.72	22.79 1.15 -6.32	22.33 1.04 -6.14	21.92 1.00 -5.77	22.22 0.99 -5.45	21.86 0.95 -4.28	21.32 0.94 -3.57	22.14 0.99 -3.16	25.48 1.35 -2.66	31.62 1.36 -7.15	30.93 1.47 -6.21	29.05 1.63 -3.09	26.09 1.94 -0.75	22.99 1.46 0.00	21.75 1.44 0.00	21.04 1.33 -1.04
NUCOR_STEEL___DRP 24197	19.71 0.18 0.00	17.67 0.16 0.00	17.27 0.14 0.00	15.26 0.12 -0.15	15.25 0.13 -0.13	17.88 0.18 0.00	18.50 0.16 -0.02	17.05 0.17 -0.14	15.55 -0.02 -0.30	15.59 -0.06 -0.33	15.40 -0.06 -0.32	15.43 -0.03 -0.30	16.02 -0.03 -0.28	16.84 -0.02 -0.22	16.98 -0.02 -0.19	18.16 0.00 -0.16	21.82 0.21 -0.14	23.82 0.35 -0.37	23.95 0.37 -0.32	24.95 0.46 -0.16	23.89 0.44 -0.04	21.92 0.39 0.00	20.61 0.30 0.00	18.93 0.21 -0.05
NUMBER_THREE_WT_PWR 323818	19.60 0.06 0.00	17.55 0.04 0.00	17.11 -0.02 0.00	15.02 -0.01 -0.05	15.04 0.01 -0.04	17.74 0.04 0.00	18.40 0.07 -0.01	16.89 0.10 -0.04	15.38 0.02 -0.10	15.43 0.00 -0.11	15.20 -0.05 -0.10	15.18 -0.08 -0.10	15.74 -0.13 -0.09	16.59 -0.12 -0.07	16.73 -0.14 -0.06	17.94 -0.11 -0.05	21.46 0.00 0.00	23.18 0.07 0.00	23.46 0.21 0.00	24.62 0.29 0.00	23.64 0.23 0.00	21.68 0.15 0.00	20.41 0.10 0.00	18.69 0.02 0.00
NYISO_LBMP_REFERENCE 24008	19.54 0.00 0.00	17.52 0.00 0.00	17.13 0.00 0.00	14.98 0.00 0.00	14.98 0.00 0.00	17.70 0.00 0.00	18.32 0.00 0.00	16.75 0.00 0.00	15.26 0.00 0.00	15.32 0.00 0.00	15.14 0.00 0.00	15.16 0.00 0.00	15.77 0.00 0.00	16.64 0.00 0.00	16.81 0.00 0.00	17.99 0.00 0.00	21.46 0.00 0.00	23.11 0.00 0.00	23.26 0.00 0.00	24.33 0.00 0.00	23.40 0.00 0.00	21.53 0.00 0.00	20.31 0.00 0.00	18.67 0.00 0.00
NYPA_BRENTWD___GT 24164	21.10 1.56 0.00	18.87 1.35 0.00	18.38 1.18 -0.07	18.46 0.94 -2.54	18.14 0.96 -2.19	18.91 1.20 0.00	20.01 1.32 -0.37	20.32 1.29 -2.28	20.79 1.13 -4.39	21.37 1.20 -4.85	21.08 1.23 -4.72	20.83 1.23 -4.44	21.26 1.31 -4.19	21.58 1.40 -3.55	23.77 1.46 -5.49	24.60 1.58 -5.02	26.29 2.23 -2.59	32.91 2.45 -7.35	33.41 2.42 -7.73	36.82 2.46 -10.03	26.67 2.27 -1.00	24.99 2.05 -1.41	23.81 1.95 -1.56	21.11 1.64 -0.80
NYPA_GOWANUS___GT5 24156	20.59 1.05 0.00	18.44 0.93 0.00	18.02 0.82 -0.07	18.18 0.66 -2.54	17.84 0.66 -2.19	18.52 0.81 0.00	19.64 0.95 -0.37	20.00 0.97 -2.28	20.46 0.81 -4.39	21.01 0.84 -4.85	20.62 0.77 -4.71	20.37 0.79 -4.42	20.82 0.87 -4.18	20.83 0.91 -3.28	20.56 1.01 -2.74	21.52 1.10 -2.43	25.09 1.59 -2.04	30.32 1.73 -5.48	29.74 1.72 -4.76	28.45 1.75 -2.37	25.43 1.45 -0.57	22.93 1.40 0.00	21.47 1.16 0.00	20.57 1.10 -0.80
NYPA_GOWANUS___GT6 24157	20.59 1.05 0.00	18.44 0.93 0.00	18.02 0.82 -0.07	18.18 0.66 -2.54	17.84 0.66 -2.19	18.52 0.81 0.00	19.64 0.95 -0.37	20.00 0.97 -2.28	20.46 0.81 -4.39	21.01 0.84 -4.85	20.62 0.77 -4.71	20.37 0.79 -4.42	20.82 0.87 -4.18	20.83 0.91 -3.28	20.56 1.01 -2.74	21.52 1.10 -2.43	25.09 1.59 -2.04	30.32 1.73 -5.48	29.74 1.72 -4.76	28.45 1.75 -2.37	25.43 1.45 -0.57	22.93 1.40 0.00	21.47 1.16 0.00	20.57 1.10 -0.80
NYPA_HARLEM__RVR__GT1 24160	20.51 0.98 0.01	18.43 0.91 0.00	18.01 0.81 -0.07	18.14 0.63 -2.53	17.80 0.63 -2.18	18.49 0.80 0.01	19.61 0.93 -0.36	19.96 0.94 -2.27	20.43 0.78 -4.38	20.96 0.80 -4.84	20.57 0.73 -4.71	20.32 0.74 -4.42	20.77 0.82 -4.18	20.76 0.85 -3.27	20.48 0.94 -2.73	21.42 1.01 -2.42	25.00 1.50 -2.03	30.17 1.59 -5.47	29.59 1.58 -4.75	28.30 1.61 -2.36	25.33 1.36 -0.57	22.81 1.29 0.01	21.38 1.08 0.01	20.50 1.04 -0.79
NYPA_HARLEM__RVR__GT2 24161	20.51 0.98 0.01	18.43 0.91 0.00	18.01 0.81 -0.07	18.14 0.63 -2.53	17.80 0.63 -2.18	18.49 0.80 0.01	19.61 0.93 -0.36	19.96 0.94 -2.27	20.43 0.78 -4.38	20.96 0.80 -4.84	20.57 0.73 -4.71	20.32 0.74 -4.42	20.77 0.82 -4.18	20.76 0.85 -3.27	20.48 0.94 -2.73	21.42 1.01 -2.42	25.00 1.50 -2.03	30.17 1.59 -5.47	29.59 1.58 -4.75	28.30 1.61 -2.36	25.33 1.36 -0.57	22.81 1.29 0.01	21.38 1.08 0.01	20.50 1.04 -0.79
NYPA_KENT___GT 24152	20.59 1.05 0.00	18.46 0.95 0.00	18.06 0.86 -0.07	18.19 0.67 -2.54	17.85 0.67 -2.19	18.55 0.85 0.00	19.68 0.99 -0.37	20.02 0.99 -2.28	20.48 0.82 -4.39	21.03 0.86 -4.85	20.62 0.77 -4.71	20.37 0.79 -4.42	20.84 0.88 -4.18	20.85 0.93 -3.28	20.56 1.01 -2.74	21.52 1.10 -2.43	25.09 1.59 -2.04	30.30 1.71 -5.48	29.71 1.70 -4.76	28.43 1.73 -2.37	25.43 1.45 -0.57	22.93 1.40 0.00	21.49 1.18 0.00	20.57 1.10 -0.80

NYPA_POUCH1____GT 24155	20.50 0.96 0.00	18.38 0.86 0.00	17.95 0.75 -0.07	18.10 0.58 -2.54	17.78 0.60 -2.19	18.45 0.74 0.00	19.57 0.88 -0.37	19.93 0.90 -2.28	20.40 0.75 -4.39	20.95 0.78 -4.85	20.56 0.71 -4.71	20.31 0.73 -4.42	20.76 0.80 -4.18	20.77 0.85 -3.28	20.49 0.94 -2.74	21.44 1.03 -2.43	25.03 1.52 -2.04	30.23 1.64 -5.48	29.64 1.63 -4.76	28.38 1.68 -2.37	25.33 1.36 -0.57	22.84 1.31 0.00	21.38 1.08 0.00	20.49 1.03 -0.80
NYPA_VERNON____GT2 24162	20.61 1.07 0.00	18.48 0.96 0.00	18.07 0.87 -0.07	18.21 0.69 -2.54	17.88 0.70 -2.19	18.57 0.87 0.00	19.69 1.01 -0.37	20.03 1.00 -2.28	20.49 0.84 -4.39	21.03 0.86 -4.85	20.64 0.79 -4.71	20.38 0.80 -4.42	20.84 0.88 -4.18	20.85 0.93 -3.28	20.56 1.01 -2.74	21.52 1.10 -2.43	25.09 1.59 -2.04	30.30 1.71 -5.48	29.69 1.68 -4.76	28.43 1.73 -2.37	25.43 1.45 -0.57	22.91 1.38 0.00	21.49 1.18 0.00	20.59 1.12 -0.80
NYPA_VERNON____GT3 24163	20.61 1.07 0.00	18.48 0.96 0.00	18.07 0.87 -0.07	18.21 0.69 -2.54	17.88 0.70 -2.19	18.57 0.87 0.00	19.69 1.01 -0.37	20.03 1.00 -2.28	20.49 0.84 -4.39	21.03 0.86 -4.85	20.64 0.79 -4.71	20.38 0.80 -4.42	20.84 0.88 -4.18	20.85 0.93 -3.28	20.56 1.01 -2.74	21.52 1.10 -2.43	25.09 1.59 -2.04	30.30 1.71 -5.48	29.69 1.68 -4.76	28.43 1.73 -2.37	25.43 1.45 -0.57	22.91 1.38 0.00	21.49 1.18 0.00	20.59 1.12 -0.80
NYPA____ASTORIA_CC1 323568	20.59 1.05 0.00	18.46 0.95 0.00	18.06 0.86 -0.07	18.21 0.69 -2.54	17.87 0.69 -2.19	18.57 0.87 0.00	19.68 0.99 -0.37	20.02 0.99 -2.28	20.48 0.82 -4.39	21.01 0.84 -4.85	20.62 0.77 -4.71	20.37 0.79 -4.42	20.82 0.87 -4.18	20.83 0.91 -3.28	20.56 1.01 -2.74	21.50 1.08 -2.43	25.07 1.57 -2.04	30.27 1.69 -5.48	29.69 1.68 -4.76	28.40 1.70 -2.37	25.43 1.45 -0.57	22.91 1.38 0.00	21.49 1.18 0.00	20.57 1.10 -0.80
NYPA____ASTORIA_CC2 323569	20.59 1.05 0.00	18.46 0.95 0.00	18.06 0.86 -0.07	18.21 0.69 -2.54	17.87 0.69 -2.19	18.57 0.87 0.00	19.68 0.99 -0.37	20.02 0.99 -2.28	20.48 0.82 -4.39	21.01 0.84 -4.85	20.62 0.77 -4.71	20.37 0.79 -4.42	20.82 0.87 -4.18	20.83 0.91 -3.28	20.56 1.01 -2.74	21.50 1.08 -2.43	25.07 1.57 -2.04	30.27 1.69 -5.48	29.69 1.68 -4.76	28.40 1.70 -2.37	25.43 1.45 -0.57	22.91 1.38 0.00	21.49 1.18 0.00	20.57 1.10 -0.80
NYPA____HOLTSVILL 23794	21.04 1.50 0.00	18.83 1.31 0.00	18.35 1.15 -0.07	18.43 0.91 -2.54	18.09 0.91 -2.19	18.85 1.15 0.00	19.97 1.28 -0.37	20.27 1.24 -2.28	20.74 1.08 -4.39	21.32 1.15 -4.85	21.04 1.18 -4.72	20.78 1.18 -4.44	21.20 1.25 -4.19	21.52 1.33 -3.55	23.72 1.41 -5.49	24.57 1.55 -5.03	28.01 2.19 -4.36	32.90 2.38 -7.41	33.42 2.37 -7.79	62.25 2.43 -35.48	27.99 2.25 -2.34	24.94 2.00 -1.41	23.75 1.89 -1.56	21.05 1.59 -0.80
NYPA____HELLGATE_GT1 24158	20.51 0.98 0.01	18.43 0.91 0.00	18.01 0.81 -0.07	18.14 0.63 -2.53	17.80 0.63 -2.18	18.49 0.80 0.01	19.61 0.93 -0.36	19.96 0.94 -2.27	20.43 0.78 -4.38	20.96 0.80 -4.84	20.57 0.73 -4.71	20.32 0.74 -4.42	20.77 0.82 -4.18	20.76 0.85 -3.27	20.48 0.94 -2.73	21.42 1.01 -2.42	25.00 1.50 -2.03	30.17 1.59 -5.47	29.59 1.58 -4.75	28.30 1.61 -2.36	25.33 1.36 -0.57	22.81 1.29 0.01	21.38 1.08 0.01	20.50 1.04 -0.79
NYPA____HELLGATE_GT2 24159	20.51 0.98 0.01	18.43 0.91 0.00	18.01 0.81 -0.07	18.14 0.63 -2.53	17.80 0.63 -2.18	18.49 0.80 0.01	19.61 0.93 -0.36	19.96 0.94 -2.27	20.43 0.78 -4.38	20.96 0.80 -4.84	20.57 0.73 -4.71	20.32 0.74 -4.42	20.77 0.82 -4.18	20.76 0.85 -3.27	20.48 0.94 -2.73	21.42 1.01 -2.42	25.00 1.50 -2.03	30.17 1.59 -5.47	29.59 1.58 -4.75	28.30 1.61 -2.36	25.33 1.36 -0.57	22.81 1.29 0.01	21.38 1.08 0.01	20.50 1.04 -0.79
NYS_BARGE____HYD 23848	19.40 -0.14 0.00	17.46 -0.05 0.00	17.05 -0.09 -0.01	15.08 -0.09 -0.18	15.05 -0.09 -0.16	17.72 0.02 0.00	18.01 -0.33 -0.03	16.40 -0.52 -0.17	15.16 -0.46 -0.35	15.16 -0.55 -0.39	15.08 -0.44 -0.38	15.10 -0.41 -0.35	15.74 -0.36 -0.34	16.60 -0.30 -0.26	16.73 -0.30 -0.22	17.88 -0.31 -0.19	21.08 -0.54 -0.15	23.16 -0.35 -0.40	23.16 -0.44 -0.35	23.99 -0.51 -0.17	23.19 -0.26 -0.04	21.23 -0.30 0.00	20.09 -0.22 0.00	18.45 -0.28 -0.06
OAK ORCHARD____HYD 24046	19.58 0.04 0.00	17.53 0.02 0.00	17.18 0.05 0.00	15.23 0.09 -0.15	15.22 0.11 -0.13	17.77 0.07 0.00	18.28 -0.05 -0.02	16.79 -0.10 -0.14	15.42 -0.14 -0.30	15.43 -0.21 -0.33	15.31 -0.15 -0.32	15.33 -0.12 -0.30	15.97 -0.08 -0.28	16.83 -0.03 -0.22	16.96 -0.03 -0.19	18.14 -0.02 -0.16	21.57 -0.02 -0.12	23.60 0.16 -0.33	23.68 0.14 -0.29	24.60 0.12 -0.14	23.70 0.26 -0.03	21.62 0.09 0.00	20.41 0.10 0.00	18.77 0.06 -0.05
OAKDALE__35_KV_LOAD 356122	19.68 0.14 0.00	17.64 0.12 0.00	17.26 0.12 -0.01	15.44 0.06 -0.39	15.38 0.06 -0.34	17.84 0.14 0.00	18.43 0.05 -0.06	17.14 0.03 -0.35	15.92 -0.05 -0.70	16.02 -0.08 -0.78	15.82 -0.08 -0.76	15.81 -0.06 -0.71	16.39 -0.05 -0.67	17.13 -0.03 -0.53	17.23 -0.02 -0.44	18.38 0.00 -0.39	21.90 0.11 -0.33	24.22 0.23 -0.88	24.25 0.23 -0.76	24.98 0.27 -0.38	23.78 0.28 -0.09	21.83 0.30 0.00	20.53 0.22 0.00	18.89 0.09 -0.13
OCC_CHEM____DRP 24175	18.99 -0.55 0.00	17.08 -0.44 0.00	16.93 -0.21 -0.01	15.01 -0.16 -0.19	15.00 -0.15 -0.16	17.33 -0.37 0.00	17.78 -0.57 -0.03	16.13 -0.79 -0.17	14.94 -0.69 -0.36	14.94 -0.78 -0.40	14.84 -0.68 -0.39	14.90 -0.62 -0.36	15.53 -0.58 -0.34	16.36 -0.55 -0.27	16.50 -0.54 -0.22	17.62 -0.58 -0.20	20.75 -0.88 -0.17	22.82 -0.74 -0.45	22.79 -0.86 -0.39	23.55 -0.97 -0.19	22.79 -0.66 -0.05	20.82 -0.71 0.00	19.66 -0.65 0.00	18.27 -0.47 -0.07
OH_GEN_PROXY 24063	19.21 -0.33 0.00	17.27 -0.25 0.00	16.96 -0.17 -0.01	15.02 -0.15 -0.19	15.01 -0.14 -0.16	17.53 -0.18 0.00	17.92 -0.42 -0.03	16.33 -0.59 -0.17	15.10 -0.52 -0.35	15.10 -0.61 -0.39	15.02 -0.50 -0.38	15.06 -0.45 -0.36	15.70 -0.41 -0.34	16.54 -0.37 -0.27	16.68 -0.35 -0.22	17.81 -0.38 -0.20	20.99 -0.62 -0.15	23.05 -0.46 -0.40	23.05 -0.56 -0.35	23.85 -0.66 -0.17	23.05 -0.40 -0.04	21.10 -0.43 0.00	19.98 -0.33 0.00	18.37 -0.36 -0.06
OLIN_CORP_DRP 24177	19.19 -0.35 0.00	17.29 -0.23 0.00	16.84 -0.29 -0.01	14.90 -0.27 -0.19	14.89 -0.25 -0.16	17.54 -0.16 0.00	17.78 -0.57 -0.03	16.18 -0.74 -0.17	14.99 -0.64 -0.36	14.99 -0.74 -0.40	14.91 -0.62 -0.39	14.95 -0.58 -0.36	15.58 -0.54 -0.35	16.41 -0.50 -0.27	16.55 -0.49 -0.23	17.67 -0.52 -0.20	20.84 -0.79 -0.17	22.89 -0.67 -0.45	22.88 -0.77 -0.39	23.68 -0.85 -0.20	22.89 -0.56 -0.05	20.93 -0.60 0.00	19.74 -0.57 0.00	18.23 -0.50 -0.07
OLIN_CORP_DSASP 323712	18.99 -0.55 0.00	17.08 -0.44 0.00	16.93 -0.20 -0.01	15.01 -0.16 -0.19	15.00 -0.15 -0.16	17.33 -0.37 0.00	17.76 -0.59 -0.03	16.13 -0.79 -0.17	14.94 -0.69 -0.36	14.94 -0.78 -0.40	14.84 -0.68 -0.39	14.90 -0.62 -0.36	15.53 -0.58 -0.34	16.36 -0.55 -0.27	16.49 -0.54 -0.22	17.61 -0.58 -0.20	20.74 -0.88 -0.15	22.77 -0.74 -0.41	22.75 -0.86 -0.35	23.53 -0.97 -0.18	22.77 -0.68 -0.04	20.82 -0.71 0.00	19.74 -0.57 0.00	18.26 -0.47 -0.06

ONEIDA_HERK_LFGE 323681	19.77 0.24 0.00	17.71 0.19 0.00	17.30 0.17 0.00	15.12 0.13 0.00	15.15 0.17 0.00	17.92 0.21 0.00	18.54 0.22 0.00	16.98 0.23 0.00	15.50 0.15 -0.09	15.55 0.14 -0.09	15.34 0.11 -0.09	15.32 0.08 -0.09	15.92 0.06 -0.08	16.79 0.08 -0.06	16.93 0.07 -0.05	18.15 0.11 -0.05	21.68 0.21 0.00	23.38 0.28 0.00	23.65 0.39 0.00	24.79 0.46 0.00	23.83 0.42 0.00	21.85 0.32 0.00	20.59 0.28 0.00	18.88 0.21 0.00
ONEIDA___115KV_TB4 55905	19.93 0.39 0.00	17.87 0.35 0.00	17.46 0.33 0.00	15.33 0.27 -0.07	15.33 0.28 -0.06	18.07 0.37 0.00	18.69 0.37 -0.01	17.17 0.35 -0.07	15.64 0.23 -0.15	15.67 0.18 -0.16	15.46 0.17 -0.16	15.46 0.15 -0.15	16.05 0.14 -0.14	16.93 0.18 -0.11	17.09 0.18 -0.09	18.29 0.22 -0.08	21.92 0.39 -0.07	23.75 0.46 -0.19	23.97 0.56 -0.16	25.07 0.66 -0.08	24.03 0.61 -0.02	22.05 0.52 0.00	20.74 0.43 0.00	19.05 0.35 -0.03
ONONDAGA_REF_OCCRA 23987	19.50 -0.04 0.00	17.48 -0.04 0.00	17.10 -0.03 0.00	15.07 -0.04 -0.14	15.07 -0.03 -0.12	17.69 -0.02 0.00	18.30 -0.04 -0.02	16.84 -0.03 -0.12	15.36 -0.17 -0.27	15.40 -0.21 -0.29	15.23 -0.20 -0.29	15.24 -0.18 -0.27	15.84 -0.19 -0.25	16.65 -0.18 -0.20	16.81 -0.17 -0.17	17.96 -0.18 -0.15	21.57 -0.02 -0.12	23.51 0.07 -0.33	23.64 0.09 -0.29	24.62 0.15 -0.14	23.58 0.14 -0.03	21.64 0.11 0.00	20.37 0.06 0.00	18.72 0.00 -0.05
ONONDAGA___COGEN 23986	19.60 0.06 0.00	17.57 0.05 0.00	17.17 0.03 0.00	15.14 0.03 -0.13	15.14 0.04 -0.11	17.76 0.05 0.00	18.39 0.05 -0.02	16.93 0.07 -0.11	15.41 -0.11 -0.25	15.46 -0.14 -0.28	15.29 -0.12 -0.27	15.30 -0.11 -0.25	15.90 -0.11 -0.24	16.72 -0.10 -0.19	16.88 -0.08 -0.16	18.02 -0.11 -0.14	21.67 0.09 -0.12	23.60 0.18 -0.31	23.74 0.21 -0.27	24.74 0.27 -0.14	23.72 0.28 -0.03	21.77 0.24 0.00	20.49 0.18 0.00	18.83 0.11 -0.05
ONTARIO___LFGE 23819	19.71 0.18 0.00	17.67 0.16 0.00	17.29 0.15 -0.01	15.27 0.11 -0.18	15.26 0.12 -0.15	17.90 0.20 0.00	18.51 0.16 -0.03	17.03 0.12 -0.16	15.62 0.02 -0.34	15.64 -0.06 -0.38	15.44 -0.06 -0.37	15.47 -0.03 -0.34	16.08 -0.02 -0.32	16.89 0.00 -0.25	17.05 0.03 -0.21	18.23 0.05 -0.19	21.82 0.21 -0.14	23.91 0.42 -0.38	24.01 0.42 -0.33	24.98 0.49 -0.17	23.96 0.51 -0.04	21.98 0.45 0.00	20.69 0.38 0.00	18.91 0.19 -0.06
ORANGEVILLE_WT_PWR 323706	19.60 0.06 0.00	17.61 0.09 0.00	17.26 0.12 -0.01	15.23 0.01 -0.23	15.20 0.01 -0.20	17.84 0.14 0.00	18.29 -0.05 -0.03	16.67 -0.28 -0.20	15.43 -0.26 -0.42	15.45 -0.34 -0.47	15.34 -0.26 -0.45	15.36 -0.23 -0.43	15.97 -0.21 -0.40	16.80 -0.15 -0.32	16.94 -0.14 -0.26	18.10 -0.13 -0.23	21.39 -0.26 -0.18	23.55 -0.05 -0.49	23.57 -0.12 -0.43	24.40 -0.15 -0.21	23.52 0.07 -0.05	21.62 0.09 0.00	20.43 0.12 0.00	18.65 -0.09 -0.07
ORANGEVILLE___ESR 323794	19.60 0.06 0.00	17.61 0.09 0.00	17.26 0.12 -0.01	15.23 0.01 -0.23	15.20 0.01 -0.20	17.84 0.14 0.00	18.29 -0.05 -0.03	16.67 -0.28 -0.20	15.43 -0.26 -0.42	15.45 -0.34 -0.47	15.34 -0.26 -0.45	15.36 -0.23 -0.43	15.97 -0.21 -0.40	16.80 -0.15 -0.32	16.94 -0.14 -0.26	18.10 -0.13 -0.23	21.39 -0.26 -0.18	23.55 -0.05 -0.49	23.57 -0.12 -0.43	24.40 -0.15 -0.21	23.52 0.07 -0.05	21.62 0.09 0.00	20.43 0.12 0.00	18.65 -0.09 -0.07
OSWEGATCHIE___HYD 24044	19.23 -0.31 0.00	17.20 -0.31 0.00	16.79 -0.34 0.00	14.71 -0.27 0.00	14.72 -0.27 0.00	17.38 -0.32 0.00	18.02 -0.29 0.00	16.55 -0.20 0.00	15.05 -0.21 0.00	15.14 -0.18 0.00	14.93 -0.21 0.00	14.91 -0.24 0.00	15.49 -0.28 0.00	16.30 -0.33 0.00	16.46 -0.35 0.00	17.61 -0.38 0.00	21.08 -0.39 0.00	22.71 -0.39 0.00	22.91 -0.35 0.00	24.01 -0.32 0.00	23.05 -0.35 0.00	21.16 -0.37 0.00	19.96 -0.35 0.00	18.30 -0.37 0.00
OSWEGO___5 23606	19.21 -0.33 0.00	17.22 -0.30 0.00	16.84 -0.29 0.00	14.82 -0.25 -0.09	14.82 -0.24 -0.08	17.42 -0.28 0.00	18.02 -0.31 -0.01	16.54 -0.28 -0.08	15.02 -0.44 -0.20	15.07 -0.48 -0.22	14.90 -0.45 -0.22	14.90 -0.45 -0.20	15.50 -0.46 -0.19	16.32 -0.47 -0.15	16.46 -0.47 -0.13	17.60 -0.50 -0.11	21.17 -0.37 -0.07	22.97 -0.32 -0.19	23.09 -0.33 -0.16	24.10 -0.32 -0.08	23.14 -0.28 -0.02	21.25 -0.28 0.00	20.02 -0.28 0.00	18.40 -0.30 -0.03
OSWEGO___6 23613	19.21 -0.33 0.00	17.22 -0.30 0.00	16.84 -0.29 0.00	14.82 -0.25 -0.09	14.82 -0.24 -0.08	17.42 -0.28 0.00	18.02 -0.31 -0.01	16.54 -0.28 -0.08	15.02 -0.44 -0.20	15.07 -0.48 -0.22	14.90 -0.45 -0.22	14.90 -0.45 -0.20	15.50 -0.46 -0.19	16.32 -0.47 -0.15	16.46 -0.47 -0.13	17.60 -0.50 -0.11	21.17 -0.37 -0.07	22.97 -0.32 -0.19	23.09 -0.33 -0.16	24.10 -0.32 -0.08	23.14 -0.28 -0.02	21.25 -0.28 0.00	20.02 -0.28 0.00	18.40 -0.30 -0.03
OUTOKUMPU-AB___DRP 24206	19.48 -0.06 0.00	17.52 0.00 0.00	17.22 0.09 -0.01	15.22 0.04 -0.19	15.20 0.04 -0.17	17.77 0.07 0.00	18.11 -0.24 -0.03	16.49 -0.44 -0.17	15.26 -0.37 -0.37	15.27 -0.46 -0.40	15.18 -0.35 -0.39	15.22 -0.30 -0.37	15.85 -0.27 -0.35	16.71 -0.20 -0.27	16.85 -0.18 -0.23	18.01 -0.18 -0.20	21.25 -0.39 -0.17	23.35 -0.21 -0.46	23.35 -0.30 -0.40	24.16 -0.36 -0.20	23.36 -0.09 -0.05	21.38 -0.15 0.00	20.17 -0.14 0.00	18.59 -0.15 -0.07
OXBOW___ 24026	19.28 -0.25 0.00	17.34 -0.18 0.00	17.12 -0.02 -0.01	15.14 -0.03 -0.19	15.13 -0.01 -0.16	17.60 -0.11 0.00	18.00 -0.35 -0.03	16.35 -0.57 -0.17	15.12 -0.50 -0.36	15.12 -0.60 -0.40	15.06 -0.47 -0.39	15.08 -0.44 -0.37	15.72 -0.39 -0.35	16.58 -0.33 -0.27	16.72 -0.32 -0.23	17.85 -0.34 -0.20	21.04 -0.58 -0.15	23.10 -0.42 -0.41	23.10 -0.51 -0.36	23.90 -0.61 -0.18	23.12 -0.33 -0.04	21.16 -0.37 0.00	20.02 -0.28 0.00	18.47 -0.26 -0.06
OXY_CHEM_DSASP 323612	18.99 -0.55 0.00	17.08 -0.44 0.00	16.93 -0.21 -0.01	15.01 -0.16 -0.19	15.00 -0.15 -0.16	17.33 -0.37 0.00	17.78 -0.57 -0.03	16.13 -0.79 -0.17	14.94 -0.69 -0.36	14.94 -0.78 -0.40	14.84 -0.68 -0.39	14.90 -0.62 -0.36	15.53 -0.58 -0.34	16.36 -0.55 -0.27	16.50 -0.54 -0.22	17.62 -0.58 -0.20	20.75 -0.88 -0.17	22.82 -0.74 -0.45	22.79 -0.86 -0.39	23.55 -0.97 -0.19	22.79 -0.66 -0.05	20.82 -0.71 0.00	19.66 -0.65 0.00	18.27 -0.47 -0.07
OZONE_PARK_ESR 323760	20.73 1.19 0.00	18.57 1.05 0.00	18.18 0.98 -0.07	18.30 0.78 -2.54	17.97 0.79 -2.19	18.68 0.97 0.00	19.80 1.12 -0.37	20.13 1.11 -2.28	20.57 0.92 -4.39	21.11 0.93 -4.85	20.72 0.86 -4.71	20.45 0.86 -4.42	20.92 0.96 -4.18	20.92 1.00 -3.28	20.64 1.09 -2.74	21.59 1.17 -2.43	25.18 1.67 -2.04	30.39 1.80 -5.48	29.81 1.79 -4.77	28.53 1.82 -2.37	25.54 1.57 -0.57	23.04 1.51 0.00	21.61 1.30 0.00	20.70 1.23 -0.80
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	18.99 -0.55 0.00	17.08 -0.44 0.00	16.93 -0.21 -0.01	15.01 -0.16 -0.19	15.00 -0.15 -0.16	17.33 -0.37 0.00	17.78 -0.57 -0.03	16.13 -0.79 -0.17	14.94 -0.69 -0.36	14.94 -0.78 -0.40	14.84 -0.68 -0.39	14.90 -0.62 -0.36	15.53 -0.58 -0.34	16.36 -0.55 -0.27	16.50 -0.54 -0.22	17.62 -0.58 -0.20	20.75 -0.88 -0.17	22.82 -0.74 -0.45	22.79 -0.86 -0.39	23.55 -0.97 -0.19	22.79 -0.66 -0.05	20.82 -0.71 0.00	19.66 -0.65 0.00	18.27 -0.47 -0.07

PACKARD__115KV_DUPONT_184 80571	18.99 -0.55 0.00	17.08 -0.44 0.00	16.93 -0.21 -0.01	15.01 -0.16 -0.19	15.00 -0.15 -0.16	17.33 -0.37 0.00	17.78 -0.57 -0.03	16.13 -0.79 -0.17	14.94 -0.69 -0.36	14.94 -0.78 -0.40	14.84 -0.68 -0.39	14.90 -0.62 -0.36	15.53 -0.58 -0.34	16.36 -0.55 -0.27	16.50 -0.54 -0.22	17.62 -0.58 -0.20	20.75 -0.88 -0.17	22.82 -0.74 -0.45	22.79 -0.86 -0.39	23.55 -0.97 -0.19	22.79 -0.66 -0.05	20.82 -0.71 0.00	19.66 -0.65 0.00	18.27 -0.47 -0.07
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	20.52 0.98 0.00	18.41 0.89 0.00	17.99 0.79 -0.07	18.13 0.61 -2.54	17.81 0.63 -2.19	18.48 0.78 0.00	19.60 0.92 -0.37	19.95 0.92 -2.28	20.42 0.76 -4.39	20.95 0.78 -4.85	20.56 0.71 -4.71	20.31 0.73 -4.42	20.76 0.80 -4.18	20.77 0.85 -3.28	20.47 0.92 -2.74	21.43 1.01 -2.43	24.99 1.48 -2.04	30.19 1.59 -5.48	29.60 1.58 -4.77	28.31 1.61 -2.37	25.31 1.33 -0.57	22.82 1.29 0.00	21.41 1.10 0.00	20.50 1.03 -0.80
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	20.75 1.21 0.00	18.62 1.10 0.00	18.20 0.99 -0.07	18.31 0.79 -2.54	17.99 0.81 -2.19	18.69 0.99 0.00	19.82 1.14 -0.37	20.15 1.12 -2.28	20.59 0.93 -4.39	21.12 0.95 -4.85	20.73 0.88 -4.71	20.48 0.89 -4.42	20.92 0.96 -4.18	20.93 1.01 -3.28	20.66 1.11 -2.74	21.61 1.19 -2.43	25.22 1.72 -2.04	30.44 1.85 -5.48	29.86 1.84 -4.77	28.58 1.87 -2.37	25.54 1.57 -0.57	23.04 1.51 0.00	21.63 1.32 0.00	20.72 1.25 -0.80
PATROON__115KV_TB1 80586	19.97 0.43 0.00	17.99 0.47 0.00	17.69 0.46 -0.09	18.64 0.39 -3.26	18.20 0.39 -2.82	18.18 0.48 0.00	19.29 0.49 -0.48	20.15 0.47 -2.93	21.23 0.32 -5.65	21.85 0.29 -6.24	21.53 0.33 -6.06	21.20 0.35 -5.69	21.51 0.36 -5.38	21.26 0.40 -4.22	20.72 0.39 -3.53	21.51 0.40 -3.12	24.65 0.56 -2.63	30.74 0.58 -7.05	29.99 0.60 -6.13	28.04 0.66 -3.05	24.82 0.68 -0.74	22.05 0.52 0.00	20.82 0.51 0.00	20.18 0.49 -1.03
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	19.52 -0.02 0.00	17.53 0.02 0.00	17.19 0.05 -0.01	14.95 -0.24 -0.21	14.94 -0.22 -0.18	17.79 0.09 0.00	17.89 -0.46 -0.03	16.39 -0.55 -0.19	15.19 -0.47 -0.39	15.19 -0.57 -0.44	15.09 -0.47 -0.42	15.12 -0.44 -0.40	15.72 -0.43 -0.38	16.57 -0.37 -0.30	16.70 -0.35 -0.25	17.87 -0.34 -0.22	21.13 -0.52 -0.18	23.25 -0.35 -0.49	23.24 -0.44 -0.43	24.06 -0.49 -0.21	23.20 -0.26 -0.05	21.53 0.00 0.00	20.27 -0.04 0.00	18.33 -0.41 -0.07
PAWLING_115_KV_BK3_REV_LBMP_H 345028	20.65 1.11 0.00	18.48 0.96 0.00	18.13 0.92 -0.07	18.32 0.75 -2.58	17.95 0.73 -2.23	18.59 0.89 0.00	19.66 0.97 -0.38	19.99 0.92 -2.32	20.50 0.76 -4.47	21.06 0.80 -4.94	20.65 0.71 -4.80	20.35 0.68 -4.51	20.77 0.74 -4.26	20.78 0.80 -3.34	20.46 0.86 -2.79	21.40 0.94 -2.47	24.90 1.35 -2.08	30.22 1.53 -5.59	29.62 1.51 -4.86	28.33 1.58 -2.42	25.39 1.40 -0.58	22.84 1.31 0.00	21.45 1.14 0.00	20.49 1.01 -0.81
PEEKSKILL____ 23653	20.48 0.94 0.00	18.34 0.82 0.00	17.97 0.77 -0.07	18.10 0.63 -2.49	17.77 0.63 -2.15	18.48 0.78 0.00	19.56 0.88 -0.36	19.83 0.84 -2.24	20.27 0.69 -4.31	20.79 0.71 -4.77	20.42 0.65 -4.63	20.16 0.65 -4.35	20.59 0.71 -4.11	20.61 0.75 -3.22	20.31 0.81 -2.69	21.26 0.88 -2.38	24.73 1.27 -2.00	29.90 1.41 -5.38	29.31 1.37 -4.68	28.07 1.41 -2.33	25.21 1.24 -0.56	22.69 1.16 0.00	21.30 0.99 0.00	20.39 0.93 -0.78
PGE MADISON__WINDPWR 24146	20.89 1.35 0.00	18.69 1.17 0.00	18.22 1.08 -0.01	16.28 0.90 -0.40	16.30 0.97 -0.35	18.91 1.20 0.00	19.60 1.23 -0.06	18.25 1.14 -0.36	16.86 0.88 -0.71	16.89 0.78 -0.79	16.60 0.70 -0.77	16.51 0.64 -0.72	17.05 0.60 -0.68	17.87 0.70 -0.53	17.93 0.67 -0.45	19.14 0.76 -0.39	22.90 1.12 -0.32	25.40 1.43 -0.86	25.75 1.51 -0.75	26.80 2.09 -0.37	25.48 1.99 -0.09	23.23 1.70 0.00	21.81 1.50 0.00	19.99 1.20 -0.13
PIERCEFIELD__HYD 23852	18.97 -0.57 0.00	16.96 -0.56 0.00	16.58 -0.55 0.00	14.53 -0.45 0.00	14.52 -0.46 0.00	17.14 -0.57 0.00	17.79 -0.53 0.00	16.33 -0.42 0.00	14.91 -0.35 0.00	15.06 -0.26 0.00	14.87 -0.27 0.00	14.87 -0.29 0.00	15.44 -0.33 0.00	16.24 -0.40 0.00	16.37 -0.44 0.00	17.49 -0.50 0.00	20.84 -0.62 0.00	22.37 -0.74 0.00	22.46 -0.79 0.00	23.48 -0.85 0.00	22.56 -0.84 0.00	20.78 -0.75 0.00	19.62 -0.69 0.00	18.00 -0.67 0.00
PINELAWN_CC_1 323563	20.96 1.43 0.00	18.72 1.21 0.00	18.26 1.06 -0.07	18.36 0.84 -2.54	18.03 0.85 -2.19	18.76 1.06 0.00	19.88 1.19 -0.37	20.18 1.15 -2.28	20.68 1.02 -4.39	21.26 1.09 -4.85	20.97 1.12 -4.72	20.72 1.12 -4.44	21.15 1.20 -4.19	21.45 1.26 -3.55	23.65 1.35 -5.50	24.47 1.46 -5.02	25.71 2.02 -2.22	32.66 2.22 -7.34	33.19 2.21 -7.72	31.36 2.26 -4.77	26.18 2.06 -0.72	24.84 1.90 -1.41	23.63 1.77 -1.56	20.96 1.49 -0.80
PJM_GEN_HTP_PROXY 323702	20.57 1.03 0.00	18.44 0.93 0.00	18.06 0.86 -0.07	18.21 0.69 -2.54	17.87 0.69 -2.19	18.57 0.87 0.00	19.69 1.01 -0.37	20.02 0.99 -2.28	20.46 0.81 -4.39	21.00 0.83 -4.85	20.59 0.74 -4.71	20.34 0.76 -4.42	20.79 0.84 -4.18	20.80 0.88 -3.28	20.51 0.96 -2.74	21.44 1.03 -2.43	25.01 1.50 -2.04	30.18 1.59 -5.48	29.60 1.58 -4.76	28.31 1.61 -2.37	25.36 1.38 -0.57	22.84 1.31 0.00	21.45 1.14 0.00	20.55 1.08 -0.80
PJM_GEN_KEystone 24065	19.85 0.31 0.00	17.81 0.30 0.00	17.46 0.29 -0.04	16.56 0.17 -1.41	16.38 0.18 -1.22	18.00 0.30 0.00	18.80 0.28 -0.21	18.16 0.15 -1.26	17.82 0.11 -2.45	18.10 0.08 -2.71	17.84 0.08 -2.63	17.73 0.11 -2.47	18.23 0.13 -2.33	18.63 0.17 -1.83	18.54 0.20 -1.53	19.60 0.25 -1.35	22.96 0.36 -1.13	26.65 0.51 -3.04	26.36 0.46 -2.64	26.08 0.44 -1.31	24.16 0.44 -0.32	21.98 0.45 0.00	20.69 0.38 0.00	19.35 0.24 -0.44
PJM_GEN_NEPTUNE_PROXY 323594	20.67 1.13 0.00	18.48 0.96 0.00	18.04 0.84 -0.07	18.16 0.64 -2.54	17.84 0.66 -2.19	18.53 0.83 0.00	19.64 0.95 -0.37	19.97 0.94 -2.28	20.48 0.82 -4.39	21.06 0.89 -4.85	20.78 0.92 -4.72	20.52 0.92 -4.44	20.95 0.99 -4.19	21.23 1.05 -3.55	23.41 1.11 -5.49	24.20 1.19 -5.02	25.17 1.65 -2.06	32.22 1.78 -7.33	32.73 1.77 -7.71	28.52 1.80 -2.39	25.63 1.64 -0.59	24.47 1.53 -1.41	23.29 1.42 -1.55	20.68 1.21 -0.80
PJM_GEN_VFT_PROXY 323633	20.52 0.98 0.00	18.39 0.88 0.00	17.99 0.79 -0.07	18.15 0.63 -2.54	17.82 0.64 -2.19	18.50 0.80 0.00	19.62 0.93 -0.37	19.95 0.92 -2.28	20.42 0.76 -4.39	20.94 0.77 -4.85	20.55 0.70 -4.71	20.29 0.71 -4.42	20.74 0.79 -4.18	20.72 0.80 -3.28	20.44 0.89 -2.74	21.37 0.95 -2.43	24.90 1.39 -2.04	30.09 1.50 -5.48	29.48 1.47 -4.76	28.19 1.48 -2.37	25.24 1.26 -0.57	22.74 1.20 0.00	21.34 1.04 0.00	20.49 1.03 -0.80
PLATSBRG_115KV_PMLD1 355749	20.01 0.47 0.00	17.87 0.35 0.00	17.45 0.33 0.00	15.31 0.33 0.00	15.25 0.27 0.00	18.00 0.30 0.00	18.66 0.35 0.00	17.10 0.35 0.00	15.65 0.38 0.00	15.81 0.49 0.00	15.58 0.44 0.00	15.57 0.41 0.00	16.10 0.33 0.00	16.84 0.20 0.00	16.89 0.08 0.00	18.03 0.04 0.00	21.46 0.00 0.00	23.06 -0.05 0.00	23.09 -0.16 0.00	23.99 -0.34 0.00	23.03 -0.37 0.00	21.23 -0.30 0.00	20.07 -0.24 0.00	18.43 -0.24 0.00

PLEASANTVLY___LBMP 24000	20.40 0.86 0.00	18.29 0.77 0.00	17.94 0.74 -0.08	18.30 0.60 -2.72	17.93 0.60 -2.35	18.45 0.74 0.00	19.52 0.81 -0.40	19.94 0.75 -2.44	20.58 0.61 -4.70	21.13 0.61 -5.19	20.76 0.58 -5.05	20.47 0.58 -4.74	20.88 0.63 -4.48	20.82 0.67 -3.51	20.45 0.71 -2.93	21.35 0.76 -2.60	24.74 1.09 -2.19	30.20 1.22 -5.87	29.57 1.21 -5.10	28.11 1.24 -2.54	25.12 1.10 -0.61	22.56 1.03 0.00	21.20 0.89 0.00	20.38 0.86 -0.85
PLSNTVLE_13_KV_13.8KVDIST 80602	20.54 1.00 0.00	18.41 0.89 0.00	18.04 0.84 -0.07	18.23 0.67 -2.57	17.88 0.67 -2.22	18.55 0.85 0.00	19.64 0.95 -0.37	19.96 0.90 -2.31	20.46 0.75 -4.45	20.98 0.75 -4.91	20.62 0.71 -4.77	20.35 0.71 -4.48	20.78 0.77 -4.24	20.77 0.82 -3.32	20.46 0.87 -2.77	21.40 0.95 -2.46	24.91 1.37 -2.07	30.16 1.50 -5.55	29.57 1.49 -4.83	28.24 1.51 -2.40	25.32 1.33 -0.58	22.78 1.25 0.00	21.39 1.08 0.00	20.51 1.03 -0.81
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	20.54 1.00 0.00	18.41 0.89 0.00	18.04 0.84 -0.07	18.23 0.67 -2.57	17.88 0.67 -2.22	18.55 0.85 0.00	19.64 0.95 -0.37	19.96 0.90 -2.31	20.46 0.75 -4.45	20.98 0.75 -4.91	20.62 0.71 -4.77	20.35 0.71 -4.48	20.78 0.77 -4.24	20.77 0.82 -3.32	20.46 0.87 -2.77	21.40 0.95 -2.46	24.91 1.37 -2.07	30.16 1.50 -5.55	29.57 1.49 -4.83	28.24 1.51 -2.40	25.32 1.33 -0.58	22.78 1.25 0.00	21.39 1.08 0.00	20.51 1.03 -0.81
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	20.50 0.96 0.00	18.38 0.86 0.00	18.01 0.81 -0.08	18.27 0.66 -2.63	17.92 0.66 -2.27	18.50 0.80 0.00	19.58 0.88 -0.38	19.93 0.82 -2.36	20.46 0.64 -4.55	20.99 0.64 -5.03	20.63 0.61 -4.89	20.33 0.59 -4.58	20.74 0.63 -4.34	20.70 0.67 -3.40	20.36 0.71 -2.84	21.28 0.77 -2.51	24.74 1.16 -2.12	30.08 1.29 -5.68	29.52 1.33 -4.94	28.15 1.36 -2.46	25.21 1.22 -0.59	22.65 1.12 0.00	21.26 0.95 0.00	20.43 0.93 -0.83
POLETTI____ 23519	20.57 1.04 0.00	18.43 0.91 0.00	18.04 0.84 -0.07	18.19 0.67 -2.54	17.87 0.69 -2.19	18.53 0.83 0.00	19.66 0.97 -0.37	19.98 0.95 -2.28	20.43 0.78 -4.39	20.97 0.80 -4.85	20.58 0.73 -4.71	20.32 0.74 -4.42	20.77 0.82 -4.18	20.77 0.85 -3.28	20.49 0.94 -2.74	21.43 1.01 -2.43	24.97 1.46 -2.04	30.16 1.57 -5.48	29.58 1.56 -4.77	28.26 1.56 -2.37	25.31 1.33 -0.57	22.82 1.29 0.00	21.43 1.12 0.00	20.53 1.06 -0.80
POMONA___ESR 323819	20.48 0.94 0.00	18.34 0.82 0.00	17.97 0.77 -0.07	17.98 0.61 -2.38	17.68 0.63 -2.06	18.46 0.76 0.00	19.54 0.88 -0.35	19.71 0.82 -2.14	20.06 0.67 -4.13	20.57 0.69 -4.56	20.21 0.64 -4.43	19.95 0.64 -4.16	20.40 0.69 -3.94	20.45 0.73 -3.09	20.18 0.79 -2.58	21.14 0.86 -2.28	24.63 1.24 -1.92	29.64 1.39 -5.15	29.10 1.37 -4.48	27.97 1.41 -2.23	25.18 1.24 -0.54	22.69 1.16 0.00	21.28 0.97 0.00	20.35 0.93 -0.75
PORT_JEFF_3 23555	21.08 1.54 0.00	18.87 1.35 0.00	18.38 1.18 -0.07	18.46 0.94 -2.54	18.12 0.94 -2.19	18.89 1.19 0.00	20.01 1.32 -0.37	20.30 1.27 -2.28	20.79 1.13 -4.39	21.35 1.18 -4.85	21.07 1.21 -4.72	20.81 1.21 -4.44	21.25 1.29 -4.19	21.57 1.38 -3.55	23.77 1.46 -5.49	24.64 1.62 -5.03	28.07 2.25 -4.35	32.99 2.47 -7.41	33.51 2.46 -7.79	62.24 2.51 -35.40	28.06 2.32 -2.34	25.01 2.07 -1.41	23.81 1.95 -1.56	21.09 1.62 -0.80
PORT_JEFF_4 23616	21.08 1.54 0.00	18.87 1.35 0.00	18.38 1.18 -0.07	18.46 0.94 -2.54	18.12 0.94 -2.19	18.89 1.19 0.00	20.01 1.32 -0.37	20.30 1.27 -2.28	20.79 1.13 -4.39	21.35 1.18 -4.85	21.07 1.21 -4.72	20.81 1.21 -4.44	21.25 1.29 -4.19	21.57 1.38 -3.55	23.77 1.46 -5.49	24.64 1.62 -5.03	28.07 2.25 -4.35	32.99 2.47 -7.41	33.51 2.46 -7.79	62.24 2.51 -35.40	28.06 2.32 -2.34	25.01 2.07 -1.41	23.81 1.95 -1.56	21.09 1.62 -0.80
PORT_JEFF_IC 23713	21.12 1.58 0.00	18.88 1.37 0.00	18.40 1.20 -0.07	18.48 0.96 -2.54	18.15 0.97 -2.19	18.92 1.22 0.00	20.02 1.34 -0.37	20.34 1.31 -2.28	20.80 1.15 -4.39	21.38 1.21 -4.85	21.10 1.24 -4.72	20.84 1.24 -4.44	21.28 1.32 -4.19	21.60 1.41 -3.55	23.80 1.50 -5.49	24.67 1.65 -5.03	28.12 2.30 -4.35	33.03 2.52 -7.40	33.55 2.51 -7.78	62.46 2.55 -35.58	28.10 2.36 -2.33	25.05 2.11 -1.41	23.86 1.99 -1.56	21.13 1.66 -0.80
PPL PILGRIM_ST_GT1 24216	21.10 1.56 0.00	18.87 1.35 0.00	18.38 1.18 -0.07	18.46 0.94 -2.54	18.14 0.96 -2.19	18.91 1.20 0.00	20.01 1.32 -0.37	20.32 1.29 -2.28	20.79 1.13 -4.39	21.37 1.20 -4.85	21.08 1.23 -4.72	20.83 1.23 -4.44	21.26 1.31 -4.19	21.58 1.40 -3.55	23.77 1.46 -5.49	24.60 1.58 -5.02	26.29 2.23 -2.59	32.91 2.45 -7.35	33.41 2.42 -7.73	36.82 2.46 -10.03	26.67 2.27 -1.00	24.99 2.05 -1.41	23.81 1.95 -1.56	21.11 1.64 -0.80
PPL PILGRIM_ST_GT2 24217	21.10 1.56 0.00	18.87 1.35 0.00	18.38 1.18 -0.07	18.46 0.94 -2.54	18.14 0.96 -2.19	18.91 1.20 0.00	20.01 1.32 -0.37	20.32 1.29 -2.28	20.79 1.13 -4.39	21.37 1.20 -4.85	21.08 1.23 -4.72	20.83 1.23 -4.44	21.26 1.31 -4.19	21.58 1.40 -3.55	23.77 1.46 -5.49	24.60 1.58 -5.02	26.29 2.23 -2.59	32.91 2.45 -7.35	33.41 2.42 -7.73	36.82 2.46 -10.03	26.67 2.27 -1.00	24.99 2.05 -1.41	23.81 1.95 -1.56	21.11 1.64 -0.80
PPL_SHRM_GT3 24213	21.22 1.68 0.00	18.99 1.47 0.00	18.50 1.30 -0.07	18.55 1.03 -2.54	18.23 1.05 -2.19	19.01 1.31 0.00	20.13 1.45 -0.37	20.42 1.39 -2.28	20.88 1.22 -4.39	21.44 1.27 -4.85	21.17 1.32 -4.72	20.90 1.30 -4.44	21.34 1.39 -4.19	21.67 1.48 -3.55	23.90 1.60 -5.49	24.78 1.76 -5.03	28.27 2.49 -4.32	33.21 2.70 -7.41	33.76 2.72 -7.79	62.05 2.77 -34.94	28.29 2.57 -2.31	25.22 2.28 -1.41	24.00 2.13 -1.56	21.24 1.77 -0.80
PPL_SHRM_GT4 24214	21.22 1.68 0.00	18.99 1.47 0.00	18.50 1.30 -0.07	18.55 1.03 -2.54	18.23 1.05 -2.19	19.01 1.31 0.00	20.13 1.45 -0.37	20.42 1.39 -2.28	20.88 1.22 -4.39	21.44 1.27 -4.85	21.17 1.32 -4.72	20.90 1.30 -4.44	21.34 1.39 -4.19	21.67 1.48 -3.55	23.90 1.60 -5.49	24.78 1.76 -5.03	28.27 2.49 -4.32	33.21 2.70 -7.41	33.76 2.72 -7.79	62.05 2.77 -34.94	28.29 2.57 -2.31	25.22 2.28 -1.41	24.00 2.13 -1.56	21.24 1.77 -0.80
PROJECT___ORANGE 1 24174	19.44 -0.10 0.00	17.43 -0.09 0.00	17.05 -0.09 0.00	15.02 -0.07 -0.11	15.02 -0.06 -0.10	17.63 -0.07 0.00	18.26 -0.07 -0.02	16.77 -0.08 -0.10	15.26 -0.23 -0.23	15.31 -0.26 -0.25	15.14 -0.24 -0.24	15.16 -0.23 -0.23	15.76 -0.22 -0.22	16.57 -0.23 -0.17	16.73 -0.22 -0.14	17.88 -0.23 -0.12	21.48 -0.09 -0.11	23.39 0.00 -0.28	23.52 0.02 -0.25	24.50 0.05 -0.12	23.50 0.07 -0.03	21.57 0.04 0.00	20.31 0.00 0.00	18.67 -0.04 -0.04
PROJECT___ORANGE 2 24166	19.44 -0.10 0.00	17.43 -0.09 0.00	17.05 -0.09 0.00	15.02 -0.07 -0.11	15.02 -0.06 -0.10	17.63 -0.07 0.00	18.26 -0.07 -0.02	16.77 -0.08 -0.10	15.26 -0.23 -0.23	15.31 -0.26 -0.25	15.14 -0.24 -0.24	15.16 -0.23 -0.23	15.76 -0.22 -0.22	16.57 -0.23 -0.17	16.73 -0.22 -0.14	17.88 -0.23 -0.12	21.48 -0.09 -0.11	23.39 0.00 -0.28	23.52 0.02 -0.25	24.50 0.05 -0.12	23.50 0.07 -0.03	21.57 0.04 0.00	20.31 0.00 0.00	18.67 -0.04 -0.04

PUCKETT___SOLAR 323809	19.97 0.43 0.00	17.92 0.40 0.00	17.50 0.36 -0.01	15.67 0.27 -0.41	15.63 0.28 -0.36	18.11 0.41 0.00	18.78 0.40 -0.06	17.44 0.32 -0.37	16.19 0.18 -0.74	16.23 0.09 -0.82	16.01 0.08 -0.79	15.96 0.06 -0.74	16.52 0.05 -0.70	17.26 0.07 -0.55	17.35 0.08 -0.46	18.51 0.11 -0.41	22.10 0.30 -0.33	24.53 0.53 -0.89	24.66 0.63 -0.78	25.47 0.76 -0.39	24.22 0.73 -0.09	22.20 0.67 0.00	20.90 0.59 0.00	19.19 0.39 -0.13
PYRITES___HYD 24023	19.27 -0.27 0.00	17.22 -0.30 0.00	16.82 -0.31 0.00	14.76 -0.22 0.00	14.74 -0.24 0.00	17.40 -0.30 0.00	18.06 -0.26 0.00	16.58 -0.17 0.00	15.14 -0.12 0.00	15.28 -0.05 0.00	15.08 -0.06 0.00	15.07 -0.09 0.00	15.64 -0.13 0.00	16.47 -0.17 0.00	16.61 -0.20 0.00	17.74 -0.25 0.00	21.16 -0.30 0.00	22.71 -0.39 0.00	22.86 -0.40 0.00	23.94 -0.39 0.00	22.98 -0.42 0.00	21.14 -0.39 0.00	19.96 -0.35 0.00	18.30 -0.37 0.00
QUAKERRD_115KV_BK1 80622	19.07 -0.47 0.00	17.10 -0.42 0.00	16.72 -0.41 0.00	14.83 -0.30 -0.15	14.83 -0.28 -0.13	17.30 -0.41 0.00	17.88 -0.46 -0.02	16.41 -0.47 -0.13	15.04 -0.50 -0.28	15.07 -0.57 -0.31	14.93 -0.51 -0.31	14.94 -0.50 -0.29	15.57 -0.47 -0.27	16.37 -0.48 -0.21	16.53 -0.45 -0.18	17.66 -0.49 -0.16	21.08 -0.52 -0.13	23.05 -0.42 -0.36	23.12 -0.44 -0.31	24.05 -0.44 -0.15	23.11 -0.33 -0.04	21.10 -0.43 0.00	19.86 -0.45 0.00	18.33 -0.39 -0.05
QUEENSBRY_115KV_TB8 356137	20.77 1.23 0.00	18.64 1.12 0.00	18.37 1.15 -0.10	19.28 0.99 -3.31	18.83 0.99 -2.86	18.92 1.22 0.00	20.08 1.28 -0.48	21.05 1.32 -2.97	22.01 1.02 -5.72	22.84 1.20 -6.32	22.34 1.06 -6.15	21.96 1.03 -5.77	22.23 1.01 -5.46	21.88 0.96 -4.28	21.34 0.96 -3.57	22.16 1.01 -3.16	25.52 1.40 -2.66	31.62 1.36 -7.15	30.93 1.47 -6.21	29.08 1.65 -3.09	26.12 1.97 -0.75	23.02 1.49 0.00	21.77 1.46 0.00	21.05 1.34 -1.04
RAMAPO___LBMP 323565	20.40 0.86 0.00	18.29 0.77 0.00	17.92 0.72 -0.07	17.92 0.57 -2.37	17.62 0.58 -2.05	18.43 0.73 0.00	19.47 0.81 -0.35	19.65 0.77 -2.13	20.00 0.63 -4.11	20.50 0.64 -4.54	20.14 0.59 -4.41	19.89 0.59 -4.14	20.33 0.65 -3.91	20.39 0.68 -3.07	20.11 0.74 -2.56	21.07 0.81 -2.27	24.55 1.18 -1.91	29.53 1.29 -5.13	28.99 1.28 -4.46	27.86 1.31 -2.22	25.09 1.15 -0.54	22.61 1.08 0.00	21.24 0.93 0.00	20.29 0.88 -0.75
RANKINE____ 23646	19.60 0.06 0.00	17.62 0.11 0.00	17.27 0.14 -0.01	15.19 0.00 -0.20	15.18 0.01 -0.18	17.88 0.18 0.00	18.14 -0.20 -0.03	16.58 -0.35 -0.18	15.36 -0.29 -0.39	15.37 -0.38 -0.43	15.27 -0.29 -0.41	15.30 -0.24 -0.39	15.93 -0.21 -0.37	16.78 -0.15 -0.29	16.92 -0.13 -0.24	18.10 -0.11 -0.21	21.37 -0.28 -0.18	23.50 -0.09 -0.48	23.49 -0.19 -0.42	24.30 -0.24 -0.21	23.48 0.02 -0.05	21.60 0.06 0.00	20.33 0.02 0.00	18.61 -0.13 -0.07
RAVENSWOOD_GT2_1 24244	20.59 1.06 0.00	18.45 0.93 0.00	18.06 0.86 -0.07	18.21 0.69 -2.54	17.87 0.69 -2.19	18.55 0.85 0.00	19.68 0.99 -0.37	20.00 0.97 -2.28	20.45 0.79 -4.39	20.98 0.81 -4.85	20.61 0.76 -4.71	20.34 0.76 -4.42	20.79 0.84 -4.18	20.80 0.88 -3.28	20.51 0.96 -2.74	21.44 1.03 -2.43	24.99 1.48 -2.04	30.19 1.59 -5.48	29.60 1.58 -4.77	28.31 1.61 -2.37	25.36 1.38 -0.57	22.84 1.31 0.00	21.45 1.14 0.00	20.55 1.08 -0.80
RAVENSWOOD_GT2_2 24245	20.59 1.06 0.00	18.45 0.93 0.00	18.06 0.86 -0.07	18.21 0.69 -2.54	17.87 0.69 -2.19	18.55 0.85 0.00	19.68 0.99 -0.37	20.00 0.97 -2.28	20.45 0.79 -4.39	20.98 0.81 -4.85	20.61 0.76 -4.71	20.34 0.76 -4.42	20.79 0.84 -4.18	20.80 0.88 -3.28	20.51 0.96 -2.74	21.44 1.03 -2.43	24.99 1.48 -2.04	30.19 1.59 -5.48	29.60 1.58 -4.77	28.31 1.61 -2.37	25.36 1.38 -0.57	22.84 1.31 0.00	21.45 1.14 0.00	20.55 1.08 -0.80
RAVENSWOOD_GT2_3 24246	20.59 1.06 0.00	18.46 0.95 0.00	18.06 0.86 -0.07	18.21 0.69 -2.54	17.88 0.70 -2.19	18.57 0.87 0.00	19.68 0.99 -0.37	20.00 0.97 -2.28	20.46 0.81 -4.39	21.00 0.83 -4.85	20.61 0.76 -4.71	20.35 0.77 -4.42	20.79 0.84 -4.18	20.80 0.88 -3.28	20.51 0.96 -2.74	21.46 1.04 -2.43	25.01 1.50 -2.04	30.21 1.62 -5.48	29.63 1.60 -4.77	28.33 1.63 -2.37	25.38 1.40 -0.57	22.87 1.33 0.00	21.47 1.16 0.00	20.55 1.08 -0.80
RAVENSWOOD_GT2_4 24247	20.59 1.06 0.00	18.46 0.95 0.00	18.06 0.86 -0.07	18.21 0.69 -2.54	17.88 0.70 -2.19	18.57 0.87 0.00	19.68 0.99 -0.37	20.00 0.97 -2.28	20.46 0.81 -4.39	21.00 0.83 -4.85	20.61 0.76 -4.71	20.35 0.77 -4.42	20.79 0.84 -4.18	20.80 0.88 -3.28	20.51 0.96 -2.74	21.46 1.04 -2.43	25.01 1.50 -2.04	30.21 1.62 -5.48	29.63 1.60 -4.77	28.33 1.63 -2.37	25.38 1.40 -0.57	22.87 1.33 0.00	21.47 1.16 0.00	20.55 1.08 -0.80
RAVENSWOOD_GT3_1 24248	20.59 1.06 0.00	18.45 0.93 0.00	18.06 0.86 -0.07	18.21 0.69 -2.54	17.87 0.69 -2.19	18.57 0.87 0.00	19.68 0.99 -0.37	20.00 0.97 -2.28	20.45 0.79 -4.39	20.98 0.81 -4.85	20.61 0.76 -4.71	20.34 0.76 -4.42	20.79 0.84 -4.18	20.80 0.88 -3.28	20.51 0.96 -2.74	21.44 1.03 -2.43	24.99 1.48 -2.04	30.19 1.59 -5.48	29.60 1.58 -4.77	28.31 1.61 -2.37	25.36 1.38 -0.57	22.84 1.31 0.00	21.45 1.14 0.00	20.55 1.08 -0.80
RAVENSWOOD_GT3_2 24249	20.59 1.06 0.00	18.45 0.93 0.00	18.06 0.86 -0.07	18.21 0.69 -2.54	17.87 0.69 -2.19	18.57 0.87 0.00	19.68 0.99 -0.37	20.00 0.97 -2.28	20.45 0.79 -4.39	20.98 0.81 -4.85	20.61 0.76 -4.71	20.34 0.76 -4.42	20.79 0.84 -4.18	20.80 0.88 -3.28	20.51 0.96 -2.74	21.44 1.03 -2.43	24.99 1.48 -2.04	30.19 1.59 -5.48	29.60 1.58 -4.77	28.31 1.61 -2.37	25.36 1.38 -0.57	22.84 1.31 0.00	21.45 1.14 0.00	20.55 1.08 -0.80
RAVENSWOOD_GT3_3 24250	20.59 1.06 0.00	18.45 0.93 0.00	18.06 0.86 -0.07	18.21 0.69 -2.54	17.87 0.69 -2.19	18.57 0.87 0.00	19.68 0.99 -0.37	20.00 0.97 -2.28	20.45 0.79 -4.39	20.98 0.81 -4.85	20.61 0.76 -4.71	20.34 0.76 -4.42	20.79 0.84 -4.18	20.80 0.88 -3.28	20.51 0.96 -2.74	21.44 1.03 -2.43	24.99 1.48 -2.04	30.19 1.59 -5.48	29.60 1.58 -4.77	28.31 1.61 -2.37	25.36 1.38 -0.57	22.84 1.31 0.00	21.45 1.14 0.00	20.55 1.08 -0.80
RAVENSWOOD_GT3_4 24251	20.59 1.06 0.00	18.45 0.93 0.00	18.06 0.86 -0.07	18.21 0.69 -2.54	17.87 0.69 -2.19	18.57 0.87 0.00	19.68 0.99 -0.37	20.00 0.97 -2.28	20.45 0.79 -4.39	20.98 0.81 -4.85	20.61 0.76 -4.71	20.34 0.76 -4.42	20.79 0.84 -4.18	20.80 0.88 -3.28	20.51 0.96 -2.74	21.44 1.03 -2.43	24.99 1.48 -2.04	30.19 1.59 -5.48	29.60 1.58 -4.77	28.31 1.61 -2.37	25.36 1.38 -0.57	22.84 1.31 0.00	21.45 1.14 0.00	20.55 1.08 -0.80
RAVENSWOOD_GT_1 23729	20.61 1.07 0.00	18.48 0.96 0.00	18.07 0.87 -0.07	18.21 0.69 -2.54	17.88 0.70 -2.19	18.57 0.87 0.00	19.69 1.01 -0.37	20.03 1.00 -2.28	20.49 0.84 -4.39	21.03 0.86 -4.85	20.64 0.79 -4.71	20.38 0.80 -4.42	20.84 0.88 -4.18	20.85 0.93 -3.28	20.56 1.01 -2.74	21.52 1.10 -2.43	25.09 1.59 -2.04	30.30 1.71 -5.48	29.69 1.68 -4.76	28.43 1.73 -2.37	25.43 1.45 -0.57	22.91 1.38 0.00	21.49 1.18 0.00	20.59 1.12 -0.80

RAVENSWOOD_GT_10 24258	20.59 1.06 0.00	18.45 0.93 0.00	18.06 0.86 -0.07	18.21 0.69 -2.54	17.87 0.69 -2.19	18.57 0.87 0.00	19.68 0.99 -0.37	20.00 0.97 -2.28	20.45 0.79 -4.39	20.98 0.81 -4.85	20.61 0.76 -4.71	20.34 0.76 -4.42	20.79 0.84 -4.18	20.80 0.88 -3.28	20.51 0.96 -2.74	21.44 1.03 -2.43	24.99 1.48 -2.04	30.19 1.59 -5.48	29.60 1.58 -4.77	28.31 1.61 -2.37	25.36 1.38 -0.57	22.84 1.31 0.00	21.45 1.14 0.00	20.55 1.08 -0.80
RAVENSWOOD_GT_11 24259	20.59 1.05 0.00	18.44 0.93 0.00	18.06 0.86 -0.07	18.21 0.69 -2.54	17.87 0.69 -2.19	18.57 0.87 0.00	19.68 0.99 -0.37	20.00 0.97 -2.28	20.46 0.81 -4.39	20.98 0.81 -4.85	20.61 0.76 -4.71	20.34 0.76 -4.42	20.79 0.84 -4.18	20.80 0.88 -3.28	20.51 0.96 -2.74	21.44 1.03 -2.43	24.98 1.48 -2.04	30.18 1.59 -5.48	29.60 1.58 -4.76	28.31 1.61 -2.37	25.36 1.38 -0.57	22.84 1.31 0.00	21.45 1.14 0.00	20.55 1.08 -0.80
RAVENSWOOD_GT_4 24252	20.59 1.06 0.00	18.45 0.93 0.00	18.06 0.86 -0.07	18.21 0.69 -2.54	17.88 0.70 -2.19	18.57 0.87 0.00	19.68 0.99 -0.37	20.00 0.97 -2.28	20.45 0.79 -4.39	20.98 0.81 -4.85	20.59 0.74 -4.71	20.34 0.76 -4.42	20.79 0.84 -4.18	20.78 0.87 -3.28	20.49 0.94 -2.74	21.44 1.03 -2.43	24.99 1.48 -2.04	30.19 1.59 -5.48	29.60 1.58 -4.77	28.31 1.61 -2.37	25.36 1.38 -0.57	22.84 1.31 0.00	21.45 1.14 0.00	20.55 1.08 -0.80
RAVENSWOOD_GT_5 24254	20.59 1.06 0.00	18.45 0.93 0.00	18.06 0.86 -0.07	18.21 0.69 -2.54	17.88 0.70 -2.19	18.57 0.87 0.00	19.68 0.99 -0.37	20.00 0.97 -2.28	20.45 0.79 -4.39	20.98 0.81 -4.85	20.59 0.74 -4.71	20.34 0.76 -4.42	20.79 0.84 -4.18	20.78 0.87 -3.28	20.49 0.94 -2.74	21.44 1.03 -2.43	24.99 1.48 -2.04	30.19 1.59 -5.48	29.60 1.58 -4.77	28.31 1.61 -2.37	25.36 1.38 -0.57	22.84 1.31 0.00	21.45 1.14 0.00	20.55 1.08 -0.80
RAVENSWOOD_GT_6 24253	20.59 1.06 0.00	18.45 0.93 0.00	18.06 0.86 -0.07	18.21 0.69 -2.54	17.88 0.70 -2.19	18.57 0.87 0.00	19.68 0.99 -0.37	20.00 0.97 -2.28	20.45 0.79 -4.39	20.98 0.81 -4.85	20.59 0.74 -4.71	20.34 0.76 -4.42	20.79 0.84 -4.18	20.78 0.87 -3.28	20.49 0.94 -2.74	21.44 1.03 -2.43	24.99 1.48 -2.04	30.19 1.59 -5.48	29.60 1.58 -4.77	28.31 1.61 -2.37	25.36 1.38 -0.57	22.84 1.31 0.00	21.45 1.14 0.00	20.55 1.08 -0.80
RAVENSWOOD_GT_7 24255	20.59 1.06 0.00	18.45 0.93 0.00	18.06 0.86 -0.07	18.21 0.69 -2.54	17.88 0.70 -2.19	18.57 0.87 0.00	19.68 0.99 -0.37	20.00 0.97 -2.28	20.45 0.79 -4.39	20.98 0.81 -4.85	20.59 0.74 -4.71	20.34 0.76 -4.42	20.79 0.84 -4.18	20.78 0.87 -3.28	20.49 0.94 -2.74	21.44 1.03 -2.43	24.99 1.48 -2.04	30.19 1.59 -5.48	29.60 1.58 -4.77	28.31 1.61 -2.37	25.36 1.38 -0.57	22.84 1.31 0.00	21.45 1.14 0.00	20.55 1.08 -0.80
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	20.59 1.06 0.00	18.45 0.93 0.00	18.06 0.86 -0.07	18.21 0.69 -2.54	17.87 0.69 -2.19	18.57 0.87 0.00	19.68 0.99 -0.37	20.00 0.97 -2.28	20.45 0.79 -4.39	20.98 0.81 -4.85	20.61 0.76 -4.71	20.34 0.76 -4.42	20.79 0.84 -4.18	20.80 0.88 -3.28	20.51 0.96 -2.74	21.44 1.03 -2.43	24.99 1.48 -2.04	30.19 1.59 -5.48	29.60 1.58 -4.77	28.31 1.61 -2.37	25.36 1.38 -0.57	22.84 1.31 0.00	21.45 1.14 0.00	20.55 1.08 -0.80
RAVENSWOOD_GT_9 24257	20.59 1.06 0.00	18.45 0.93 0.00	18.06 0.86 -0.07	18.21 0.69 -2.54	17.87 0.69 -2.19	18.57 0.87 0.00	19.68 0.99 -0.37	20.00 0.97 -2.28	20.45 0.79 -4.39	20.98 0.81 -4.85	20.61 0.76 -4.71	20.34 0.76 -4.42	20.79 0.84 -4.18	20.80 0.88 -3.28	20.51 0.96 -2.74	21.44 1.03 -2.43	24.99 1.48 -2.04	30.19 1.59 -5.48	29.60 1.58 -4.77	28.31 1.61 -2.37	25.36 1.38 -0.57	22.84 1.31 0.00	21.45 1.14 0.00	20.55 1.08 -0.80
RAVENSWOOD___1 23533	20.59 1.05 0.00	18.46 0.95 0.00	18.06 0.86 -0.07	18.21 0.69 -2.54	17.87 0.69 -2.19	18.57 0.87 0.00	19.68 0.99 -0.37	20.02 0.99 -2.28	20.48 0.82 -4.39	21.01 0.84 -4.85	20.62 0.77 -4.71	20.37 0.79 -4.42	20.82 0.87 -4.18	20.83 0.91 -3.28	20.54 0.99 -2.74	21.50 1.08 -2.43	25.07 1.57 -2.04	30.27 1.69 -5.48	29.69 1.68 -4.76	28.40 1.70 -2.37	25.40 1.43 -0.57	22.91 1.38 0.00	21.47 1.16 0.00	20.57 1.10 -0.80
RAVENSWOOD___2 23534	20.59 1.05 0.00	18.46 0.95 0.00	18.06 0.86 -0.07	18.21 0.69 -2.54	17.87 0.69 -2.19	18.55 0.85 0.00	19.68 0.99 -0.37	20.02 0.99 -2.28	20.48 0.82 -4.39	21.01 0.84 -4.85	20.62 0.77 -4.71	20.37 0.79 -4.42	20.82 0.87 -4.18	20.83 0.91 -3.28	20.54 0.99 -2.74	21.50 1.08 -2.43	25.05 1.55 -2.04	30.27 1.69 -5.48	29.67 1.65 -4.76	28.40 1.70 -2.37	25.40 1.43 -0.57	22.89 1.36 0.00	21.47 1.16 0.00	20.57 1.10 -0.80
RAVENSWOOD___3 23535	20.59 1.05 0.00	18.44 0.93 0.00	18.06 0.86 -0.07	18.21 0.69 -2.54	17.87 0.69 -2.19	18.57 0.87 0.00	19.68 0.99 -0.37	20.00 0.97 -2.28	20.46 0.81 -4.39	20.98 0.81 -4.85	20.61 0.76 -4.71	20.34 0.76 -4.42	20.79 0.84 -4.18	20.80 0.88 -3.28	20.51 0.96 -2.74	21.44 1.03 -2.43	24.98 1.48 -2.04	30.18 1.59 -5.48	29.60 1.58 -4.76	28.31 1.61 -2.37	25.36 1.38 -0.57	22.84 1.31 0.00	21.45 1.14 0.00	20.55 1.08 -0.80
RAVENSWOOD___4 23820	20.59 1.05 0.00	18.46 0.95 0.00	18.06 0.86 -0.07	18.19 0.67 -2.54	17.87 0.69 -2.19	18.55 0.85 0.00	19.68 0.99 -0.37	20.00 0.97 -2.28	20.46 0.81 -4.39	21.01 0.84 -4.85	20.62 0.77 -4.71	20.37 0.79 -4.42	20.82 0.87 -4.18	20.83 0.91 -3.28	20.54 0.99 -2.74	21.48 1.06 -2.43	25.05 1.55 -2.04	30.25 1.66 -5.48	29.67 1.65 -4.76	28.38 1.68 -2.37	25.40 1.43 -0.57	22.89 1.36 0.00	21.47 1.16 0.00	20.55 1.08 -0.80
RCPL_TRUST___DRP 24196	20.61 1.07 0.00	18.46 0.95 0.00	18.08 0.87 -0.07	18.22 0.70 -2.54	17.88 0.70 -2.19	18.59 0.89 0.00	19.71 1.03 -0.37	20.03 1.00 -2.28	20.49 0.84 -4.39	21.02 0.84 -4.85	20.62 0.77 -4.71	20.35 0.77 -4.42	20.82 0.87 -4.18	20.82 0.90 -3.28	20.54 0.99 -2.74	21.48 1.06 -2.43	25.05 1.55 -2.04	30.23 1.64 -5.48	29.65 1.63 -4.77	28.33 1.63 -2.37	25.38 1.40 -0.57	22.89 1.36 0.00	21.49 1.18 0.00	20.57 1.10 -0.80
RED___ROCHESTER 323720	19.68 0.14 0.00	17.62 0.11 0.00	17.25 0.12 0.00	15.28 0.15 -0.15	15.28 0.17 -0.13	17.84 0.14 0.00	18.36 0.02 -0.02	16.87 -0.02 -0.13	15.48 -0.08 -0.30	15.51 -0.14 -0.33	15.38 -0.08 -0.32	15.41 -0.05 -0.30	16.05 0.00 -0.28	16.91 0.05 -0.22	17.04 0.05 -0.18	18.23 0.07 -0.16	21.67 0.09 -0.12	23.73 0.30 -0.33	23.82 0.28 -0.28	24.77 0.29 -0.14	23.83 0.40 -0.03	21.75 0.22 0.00	20.51 0.20 0.00	18.87 0.15 -0.05
REGAN___SOLAR 323812	21.34 1.80 0.00	19.11 1.59 0.00	18.78 1.56 -0.10	19.67 1.36 -3.33	19.23 1.36 -2.88	19.42 1.72 0.00	20.58 1.78 -0.49	21.65 1.91 -2.99	22.38 1.36 -5.76	23.20 1.52 -6.36	22.65 1.33 -6.18	22.25 1.29 -5.80	22.57 1.31 -5.49	22.45 1.51 -4.30	21.98 1.58 -3.59	22.86 1.69 -3.18	26.54 2.40 -2.68	32.63 2.33 -7.19	32.06 2.56 -6.25	30.31 2.87 -3.11	27.15 3.00 -0.75	23.86 2.33 0.00	22.32 2.01 0.00	21.49 1.77 -1.05

RENSSELAER___COGEN 23796	19.91 0.37 0.00	17.92 0.40 0.00	17.63 0.41 -0.09	18.56 0.33 -3.24	18.14 0.34 -2.81	18.13 0.42 0.00	19.21 0.42 -0.47	20.05 0.39 -2.92	21.12 0.24 -5.62	21.73 0.20 -6.21	21.41 0.24 -6.03	21.07 0.26 -5.66	21.39 0.27 -5.35	21.13 0.30 -4.20	20.62 0.30 -3.51	21.40 0.31 -3.10	24.50 0.43 -2.61	30.58 0.46 -7.01	29.84 0.49 -6.09	27.90 0.53 -3.03	24.68 0.54 -0.73	21.94 0.41 0.00	20.72 0.41 0.00	20.10 0.41 -1.02
REPUBLIC_115KV_BARTNBRK 55605	21.57 2.03 0.00	19.36 1.84 0.00	19.04 1.82 -0.10	19.85 1.56 -3.31	19.39 1.54 -2.86	19.63 1.93 0.00	20.81 2.01 -0.48	21.92 2.19 -2.97	22.70 1.71 -5.72	23.70 2.05 -6.32	23.19 1.91 -6.14	22.77 1.85 -5.77	22.99 1.77 -5.45	22.69 1.78 -4.28	22.10 1.71 -3.57	22.97 1.82 -3.16	26.55 2.43 -2.66	32.61 2.36 -7.15	32.00 2.53 -6.21	30.29 2.87 -3.09	27.52 3.37 -0.75	24.05 2.52 0.00	22.66 2.36 0.00	21.82 2.11 -1.04
REVERE_CPPR_DRP 24186	20.03 0.49 0.00	17.94 0.42 0.00	17.51 0.38 0.00	15.36 0.31 -0.06	15.38 0.34 -0.06	18.15 0.44 0.00	18.77 0.44 -0.01	17.24 0.44 -0.06	15.70 0.31 -0.13	15.72 0.26 -0.14	15.52 0.24 -0.14	15.50 0.21 -0.13	16.08 0.19 -0.12	16.98 0.25 -0.10	17.14 0.25 -0.08	18.35 0.29 -0.07	22.00 0.47 -0.06	23.84 0.58 -0.16	24.07 0.67 -0.14	25.23 0.83 -0.07	24.17 0.75 -0.02	22.13 0.60 0.00	20.84 0.53 0.00	19.12 0.43 -0.02
REYNOLDS_115KV_TB3 80639	20.05 0.51 0.00	18.03 0.51 0.00	17.74 0.51 -0.09	18.66 0.43 -3.24	18.22 0.43 -2.80	18.23 0.53 0.00	19.34 0.55 -0.47	20.13 0.47 -2.92	21.21 0.34 -5.61	21.83 0.31 -6.20	21.51 0.35 -6.03	21.16 0.35 -5.66	21.48 0.36 -5.35	21.23 0.40 -4.19	20.70 0.39 -3.50	21.49 0.40 -3.10	24.63 0.56 -2.61	30.72 0.60 -7.01	29.98 0.63 -6.09	28.02 0.66 -3.03	24.82 0.68 -0.73	22.07 0.54 0.00	20.84 0.53 0.00	20.23 0.54 -1.02
RIVERBAY____ 323610	20.75 1.21 0.00	18.62 1.10 0.00	18.20 0.99 -0.07	18.31 0.79 -2.54	17.99 0.81 -2.19	18.69 0.48 0.00	19.82 1.14 -0.37	20.15 1.12 -2.28	20.59 0.93 -4.39	21.12 0.95 -4.85	20.73 0.88 -4.71	20.48 0.89 -4.42	20.92 0.96 -4.18	20.93 1.01 -3.28	20.66 1.11 -2.74	21.61 1.19 -2.43	25.22 1.72 -2.04	30.44 1.85 -5.48	29.86 1.84 -4.77	28.58 1.87 -2.37	25.54 1.57 -0.57	23.04 1.51 0.00	21.63 1.32 0.00	20.72 1.25 -0.80
RIVERSDE_115KV_TB3 55908	19.99 0.45 0.00	17.99 0.47 0.00	17.69 0.46 -0.09	18.62 0.39 -3.25	18.18 0.39 -2.81	18.18 0.48 0.00	19.29 0.49 -0.47	20.11 0.44 -2.92	21.20 0.31 -5.63	21.81 0.28 -6.22	21.50 0.32 -6.04	21.16 0.33 -5.67	21.46 0.33 -5.36	21.21 0.37 -4.20	20.69 0.37 -3.51	21.48 0.38 -3.11	24.60 0.52 -2.62	30.69 0.55 -7.03	29.92 0.56 -6.11	27.98 0.61 -3.04	24.77 0.63 -0.74	22.03 0.50 0.00	20.80 0.49 0.00	20.18 0.49 -1.02
ROARING___BROOK_WT_PWR 323790	19.27 -0.27 0.00	17.27 -0.25 0.00	16.87 -0.26 0.00	14.74 -0.24 0.00	14.73 -0.25 0.00	17.40 -0.30 0.00	17.99 -0.33 0.00	16.46 -0.28 0.00	14.99 -0.27 0.00	15.09 -0.23 0.00	14.96 -0.18 0.00	14.96 -0.20 0.00	15.55 -0.22 0.00	16.37 -0.27 0.00	16.54 -0.27 0.00	17.70 -0.29 0.00	21.18 -0.28 0.00	22.88 -0.23 0.00	23.00 -0.26 0.00	23.97 -0.36 0.00	23.01 -0.40 0.00	21.16 -0.37 0.00	19.98 -0.33 0.00	18.41 -0.26 0.00
ROCHESRG_115KV_T4 355643	19.50 -0.04 0.00	17.46 -0.05 0.00	17.12 -0.02 0.00	15.16 0.03 -0.15	15.17 0.06 -0.13	17.70 0.00 0.00	18.26 -0.07 -0.02	16.72 -0.17 -0.13	15.36 -0.20 -0.29	15.37 -0.28 -0.32	15.24 -0.21 -0.31	15.27 -0.18 -0.30	15.91 -0.14 -0.28	16.74 -0.12 -0.22	16.89 -0.10 -0.18	18.05 -0.11 -0.16	21.49 -0.11 -0.14	23.52 0.05 -0.37	23.60 0.02 -0.32	24.49 0.00 -0.16	23.58 0.14 -0.04	21.51 -0.02 0.00	20.27 -0.04 0.00	18.71 -0.02 -0.05
ROCHESTER_9_IC 23652	19.60 0.06 0.00	17.55 0.04 0.00	17.18 0.05 0.00	15.24 0.10 -0.15	15.23 0.12 -0.13	17.77 0.07 0.00	18.36 0.02 -0.02	16.80 -0.08 -0.13	15.44 -0.12 -0.30	15.45 -0.20 -0.33	15.32 -0.14 -0.32	15.35 -0.11 -0.30	15.99 -0.06 -0.28	16.84 -0.02 -0.22	16.98 -0.02 -0.18	18.16 0.00 -0.16	21.60 0.00 -0.14	23.66 0.18 -0.37	23.74 0.16 -0.32	24.66 0.17 -0.16	23.72 0.28 -0.04	21.64 0.11 0.00	20.39 0.08 0.00	18.80 0.07 -0.05
ROCKVIEW_13_KV_LD 356306	20.61 1.07 0.00	18.46 0.95 0.00	18.09 0.89 -0.07	18.24 0.72 -2.54	17.90 0.72 -2.19	18.61 0.90 0.00	19.69 1.01 -0.37	20.00 0.97 -2.28	20.46 0.81 -4.39	21.00 0.83 -4.85	20.64 0.79 -4.71	20.37 0.79 -4.42	20.81 0.85 -4.18	20.82 0.90 -3.28	20.51 0.96 -2.74	21.46 1.04 -2.43	25.01 1.50 -2.04	30.23 1.64 -5.48	29.65 1.63 -4.77	28.36 1.65 -2.37	25.43 1.45 -0.57	22.89 1.36 0.00	21.49 1.18 0.00	20.57 1.10 -0.80
ROME____115KV_TB2 80656	20.03 0.49 0.00	17.94 0.42 0.00	17.51 0.38 0.00	15.36 0.31 -0.06	15.38 0.34 -0.06	18.15 0.44 0.00	18.77 0.44 -0.01	17.24 0.44 -0.06	15.70 0.31 -0.13	15.72 0.26 -0.14	15.52 0.24 -0.14	15.50 0.21 -0.13	16.08 0.19 -0.12	16.98 0.25 -0.10	17.14 0.25 -0.08	18.35 0.29 -0.07	22.00 0.47 -0.06	23.84 0.58 -0.16	24.07 0.67 -0.14	25.23 0.83 -0.07	24.17 0.75 -0.02	22.13 0.60 0.00	20.84 0.53 0.00	19.12 0.43 -0.02
ROSETON___1 23587	20.38 0.84 0.00	18.27 0.75 0.00	17.90 0.70 -0.07	18.11 0.58 -2.54	17.76 0.58 -2.20	18.41 0.71 0.00	19.47 0.79 -0.37	19.77 0.74 -2.28	20.26 0.59 -4.40	20.78 0.60 -4.86	20.42 0.56 -4.72	20.15 0.56 -4.43	20.57 0.61 -4.19	20.57 0.65 -3.28	20.24 0.69 -2.74	21.18 0.76 -2.43	24.60 1.09 -2.04	29.79 1.20 -5.49	29.21 1.19 -4.77	27.92 1.22 -2.37	25.08 1.10 -0.57	22.54 1.01 0.00	21.16 0.85 0.00	20.31 0.84 -0.80
ROSETON___2 23588	20.38 0.84 0.00	18.27 0.75 0.00	17.90 0.70 -0.07	18.11 0.58 -2.54	17.76 0.58 -2.20	18.41 0.71 0.00	19.47 0.79 -0.37	19.77 0.74 -2.28	20.26 0.59 -4.40	20.78 0.60 -4.86	20.42 0.56 -4.72	20.15 0.56 -4.43	20.57 0.61 -4.19	20.57 0.65 -3.28	20.24 0.69 -2.74	21.18 0.76 -2.43	24.60 1.09 -2.04	29.79 1.20 -5.49	29.21 1.19 -4.77	27.92 1.22 -2.37	25.08 1.10 -0.57	22.54 1.01 0.00	21.16 0.85 0.00	20.31 0.84 -0.80
ROTTRDAM_115KV_TB3 80664	20.26 0.72 0.00	18.18 0.67 0.00	17.89 0.67 -0.10	18.90 0.58 -3.33	18.45 0.58 -2.88	18.41 0.71 0.00	19.52 0.71 -0.49	20.43 0.69 -2.99	21.54 0.52 -5.76	22.24 0.55 -6.36	21.85 0.53 -6.18	21.48 0.52 -5.80	21.80 0.54 -5.49	21.51 0.57 -4.30	20.98 0.57 -3.59	21.80 0.63 -3.18	25.02 0.88 -2.68	31.22 0.92 -7.19	30.46 0.95 -6.25	28.47 1.02 -3.11	25.21 1.05 -0.75	22.39 0.86 0.00	21.10 0.79 0.00	20.46 0.75 -1.05
RUSSELL___1 23602	19.68 0.14 0.00	17.62 0.11 0.00	17.25 0.12 0.00	15.28 0.15 -0.15	15.28 0.16 -0.13	17.84 0.14 0.00	18.41 0.07 -0.02	16.87 -0.02 -0.13	15.48 -0.08 -0.30	15.51 -0.14 -0.33	15.38 -0.08 -0.32	15.41 -0.05 -0.30	16.05 0.00 -0.28	16.91 0.05 -0.22	17.04 0.05 -0.18	18.23 0.07 -0.16	21.69 0.09 -0.14	23.78 0.30 -0.37	23.85 0.28 -0.32	24.78 0.29 -0.16	23.84 0.40 -0.04	21.75 0.22 0.00	20.47 0.16 0.00	18.87 0.15 -0.05

RUSSELL___2 23532	19.68 0.14 0.00	17.62 0.11 0.00	17.25 0.12 0.00	15.28 0.15 -0.15	15.28 0.16 -0.13	17.84 0.14 0.00	18.41 0.07 -0.02	16.87 -0.02 -0.13	15.48 -0.08 -0.30	15.51 -0.14 -0.33	15.38 -0.08 -0.32	15.41 -0.05 -0.30	16.05 0.00 -0.28	16.91 0.05 -0.22	17.04 0.05 -0.18	18.23 0.07 -0.16	21.69 0.09 -0.14	23.78 0.30 -0.37	23.85 0.28 -0.32	24.78 0.29 -0.16	23.84 0.40 -0.04	21.75 0.22 0.00	20.47 0.16 0.00	18.87 0.15 -0.05
RUSSELL___3 23549	19.68 0.14 0.00	17.62 0.11 0.00	17.25 0.12 0.00	15.28 0.15 -0.15	15.28 0.16 -0.13	17.84 0.14 0.00	18.41 0.07 -0.02	16.87 -0.02 -0.13	15.48 -0.08 -0.30	15.51 -0.14 -0.33	15.38 -0.08 -0.32	15.41 -0.05 -0.30	16.05 0.00 -0.28	16.91 0.05 -0.22	17.04 0.05 -0.18	18.23 0.07 -0.16	21.69 0.09 -0.14	23.78 0.30 -0.37	23.85 0.28 -0.32	24.78 0.29 -0.16	23.84 0.40 -0.04	21.75 0.22 0.00	20.47 0.16 0.00	18.87 0.15 -0.05
RUSSELL___4 23556	19.68 0.14 0.00	17.62 0.11 0.00	17.25 0.12 0.00	15.28 0.15 -0.15	15.28 0.16 -0.13	17.84 0.14 0.00	18.41 0.07 -0.02	16.87 -0.02 -0.13	15.48 -0.08 -0.30	15.51 -0.14 -0.33	15.38 -0.08 -0.32	15.41 -0.05 -0.30	16.05 0.00 -0.28	16.91 0.05 -0.22	17.04 0.05 -0.18	18.23 0.07 -0.16	21.69 0.09 -0.14	23.78 0.30 -0.37	23.85 0.28 -0.32	24.78 0.29 -0.16	23.84 0.40 -0.04	21.75 0.22 0.00	20.47 0.16 0.00	18.87 0.15 -0.05
RUSSELL___STATION 23914	19.68 0.14 0.00	17.62 0.11 0.00	17.25 0.12 0.00	15.28 0.15 -0.15	15.28 0.16 -0.13	17.84 0.14 0.00	18.41 0.07 -0.02	16.87 -0.02 -0.13	15.48 -0.08 -0.30	15.51 -0.14 -0.33	15.38 -0.08 -0.32	15.41 -0.05 -0.30	16.05 0.00 -0.28	16.91 0.05 -0.22	17.04 0.05 -0.18	18.23 0.07 -0.16	21.69 0.09 -0.14	23.78 0.30 -0.37	23.85 0.28 -0.32	24.78 0.29 -0.16	23.84 0.40 -0.04	21.75 0.22 0.00	20.47 0.16 0.00	18.87 0.15 -0.05
S SALMON___HYD 24043	19.64 0.10 0.00	17.61 0.09 0.00	17.18 0.05 0.00	15.12 0.05 -0.09	15.14 0.08 -0.08	17.79 0.09 0.00	18.46 0.13 -0.01	16.97 0.13 -0.08	15.44 -0.02 -0.19	15.47 -0.06 -0.21	15.28 -0.06 -0.20	15.29 -0.06 -0.19	15.86 -0.09 -0.18	16.68 -0.10 -0.14	16.81 -0.12 -0.11	17.95 -0.14 -0.11	21.54 0.00 -0.07	23.44 0.14 -0.20	23.64 0.21 -0.17	24.73 0.32 -0.09	23.73 0.30 -0.02	21.77 0.24 0.00	20.55 0.24 0.00	18.85 0.15 -0.03
S.PERRY___115KV_TB1 80734	20.22 0.68 0.00	18.11 0.60 0.00	17.70 0.57 -0.01	15.69 0.49 -0.21	15.69 0.52 -0.18	18.34 0.64 0.00	18.90 0.55 -0.03	17.38 0.44 -0.19	15.98 0.32 -0.40	15.92 0.15 -0.44	15.73 0.17 -0.43	15.73 0.17 -0.40	16.36 0.21 -0.38	17.19 0.25 -0.30	17.34 0.29 -0.25	18.57 0.36 -0.22	22.17 0.52 -0.19	24.51 0.90 -0.50	24.64 0.95 -0.43	25.62 1.07 -0.22	24.60 1.15 -0.05	22.50 0.97 0.00	21.14 0.83 0.00	19.38 0.63 -0.07
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	19.44 -0.10 0.00	17.48 -0.04 0.00	17.15 0.02 -0.01	15.15 -0.03 -0.20	15.14 -0.01 -0.17	17.74 0.04 0.00	18.07 -0.27 -0.03	16.49 -0.44 -0.18	15.25 -0.38 -0.37	15.26 -0.47 -0.41	15.17 -0.36 -0.40	15.21 -0.32 -0.37	15.84 -0.28 -0.35	16.70 -0.22 -0.28	16.84 -0.20 -0.23	18.00 -0.20 -0.21	21.23 -0.41 -0.17	23.34 -0.23 -0.46	23.33 -0.33 -0.40	24.14 -0.39 -0.20	23.31 -0.14 -0.05	21.38 -0.15 0.00	20.15 -0.16 0.00	18.55 -0.19 -0.07
SAWYER___23_KV_LOAD 55526	19.44 -0.10 0.00	17.48 -0.04 0.00	17.15 0.02 -0.01	15.15 -0.03 -0.20	15.14 -0.01 -0.17	17.74 0.04 0.00	18.07 -0.27 -0.03	16.49 -0.44 -0.18	15.25 -0.38 -0.37	15.26 -0.47 -0.41	15.17 -0.36 -0.40	15.21 -0.32 -0.37	15.84 -0.28 -0.35	16.70 -0.22 -0.28	16.84 -0.20 -0.23	18.00 -0.20 -0.21	21.23 -0.41 -0.17	23.34 -0.23 -0.46	23.33 -0.33 -0.40	24.14 -0.39 -0.20	23.31 -0.14 -0.05	21.38 -0.15 0.00	20.15 -0.16 0.00	18.55 -0.19 -0.07
SELKIRK___I 23801	20.12 0.59 0.00	18.11 0.60 0.00	17.82 0.60 -0.09	18.71 0.52 -3.20	18.28 0.52 -2.77	18.32 0.62 0.00	19.41 0.62 -0.47	20.20 0.57 -2.88	21.22 0.41 -5.54	21.84 0.40 -6.12	21.51 0.42 -5.95	21.18 0.44 -5.58	21.51 0.46 -5.28	21.28 0.50 -4.14	20.76 0.49 -3.46	21.56 0.50 -3.06	24.73 0.69 -2.57	30.76 0.74 -6.92	30.03 0.77 -6.01	28.15 0.83 -2.99	24.97 0.84 -0.72	22.20 0.67 0.00	20.94 0.63 0.00	20.29 0.62 -1.01
SELKIRK___II 23799	20.01 0.47 0.00	17.99 0.47 0.00	17.70 0.48 -0.09	18.63 0.40 -3.24	18.19 0.40 -2.81	18.20 0.49 0.00	19.28 0.49 -0.47	20.12 0.45 -2.92	21.18 0.31 -5.62	21.82 0.29 -6.20	21.47 0.30 -6.03	21.13 0.32 -5.66	21.45 0.33 -5.35	21.20 0.37 -4.20	20.68 0.37 -3.50	21.47 0.38 -3.10	24.61 0.54 -2.61	30.72 0.60 -7.01	29.95 0.60 -6.09	28.02 0.66 -3.03	24.77 0.63 -0.73	22.07 0.54 0.00	20.80 0.49 0.00	20.17 0.48 -1.02
SENECA OSWGO___HYD 24041	19.69 0.16 0.00	17.66 0.14 0.00	17.27 0.14 0.00	15.21 0.12 -0.11	15.19 0.12 -0.09	17.86 0.16 0.00	18.51 0.18 -0.02	17.03 0.18 -0.09	15.49 0.02 -0.21	15.54 -0.02 -0.24	15.35 -0.02 -0.23	15.39 0.02 -0.22	15.97 0.00 -0.20	16.81 0.02 -0.16	16.96 0.02 -0.13	18.09 -0.02 -0.12	21.76 0.21 -0.08	23.68 0.35 -0.23	23.85 0.39 -0.20	24.92 0.49 -0.10	23.89 0.47 -0.02	21.94 0.41 0.00	20.65 0.34 0.00	18.95 0.24 -0.03
SENECA___115KV_TB3 355854	19.64 0.10 0.00	17.66 0.14 0.00	17.31 0.17 -0.01	15.22 0.03 -0.20	15.21 0.04 -0.18	17.90 0.19 0.00	18.18 -0.16 -0.03	16.62 -0.32 -0.18	15.39 -0.26 -0.39	15.38 -0.37 -0.43	15.30 -0.26 -0.41	15.32 -0.23 -0.39	15.95 -0.19 -0.37	16.81 -0.12 -0.29	16.95 -0.10 -0.24	18.12 -0.09 -0.21	21.41 -0.24 -0.18	23.54 -0.05 -0.48	23.54 -0.14 -0.42	24.35 -0.19 -0.21	23.52 0.07 -0.05	21.62 0.09 0.00	20.37 0.06 0.00	18.63 -0.11 -0.07
SENECA___ENERGY 23797	19.48 -0.06 0.00	17.46 -0.05 0.00	17.08 -0.05 0.00	15.08 -0.06 -0.16	15.08 -0.04 -0.14	17.69 -0.02 0.00	18.28 -0.05 -0.02	16.83 -0.07 -0.14	15.39 -0.18 -0.31	15.42 -0.25 -0.34	15.23 -0.24 -0.33	15.24 -0.23 -0.31	15.84 -0.22 -0.30	16.65 -0.22 -0.23	16.82 -0.18 -0.19	17.98 -0.18 -0.17	21.55 -0.04 -0.13	23.57 0.12 -0.34	23.69 0.14 -0.30	24.65 0.17 -0.15	23.65 0.21 -0.04	21.68 0.15 0.00	20.41 0.10 0.00	18.70 -0.02 -0.05
SHOEMAKER___GT 23640	20.22 0.68 0.00	18.11 0.60 0.00	17.76 0.56 -0.06	17.60 0.45 -2.17	17.32 0.47 -1.87	18.25 0.55 0.00	19.26 0.62 -0.32	19.28 0.59 -1.95	19.46 0.44 -3.75	19.91 0.44 -4.14	19.57 0.41 -4.03	19.35 0.41 -3.78	19.79 0.44 -3.58	19.91 0.47 -2.80	19.65 0.50 -2.34	20.64 0.58 -2.07	24.07 0.86 -1.74	28.76 0.97 -4.68	28.30 0.98 -4.07	27.38 1.02 -2.02	24.80 0.91 -0.49	22.37 0.84 0.00	21.00 0.69 0.00	20.02 0.67 -0.68
SHOEMAKR_138KV_BK 111 55601	20.22 0.68 0.00	18.13 0.61 0.00	17.76 0.57 -0.06	17.57 0.45 -2.14	17.30 0.46 -1.85	18.27 0.57 0.00	19.25 0.62 -0.31	19.26 0.59 -1.92	19.43 0.46 -3.71	19.87 0.46 -4.09	19.54 0.42 -3.98	19.31 0.42 -3.73	19.76 0.46 -3.53	19.89 0.48 -2.77	19.64 0.52 -2.31	20.62 0.58 -2.05	24.07 0.88 -1.72	28.73 0.99 -4.63	28.28 1.00 -4.02	27.36 1.02 -2.00	24.80 0.91 -0.48	22.37 0.84 0.00	21.02 0.71 0.00	20.02 0.67 -0.67

SHOREHAM_IC_1 23715	21.22 1.68 0.00	18.99 1.47 0.00	18.50 1.30 -0.07	18.55 1.03 -2.54	18.23 1.05 -2.19	19.01 1.31 0.00	20.13 1.45 -0.37	20.42 1.39 -2.28	20.88 1.22 -4.39	21.44 1.27 -4.85	21.17 1.32 -4.72	20.90 1.30 -4.44	21.34 1.39 -4.19	21.67 1.48 -3.55	23.90 1.60 -5.49	24.78 1.76 -5.03	28.27 2.49 -4.32	33.21 2.70 -7.41	33.76 2.72 -7.79	62.05 2.77 -34.94	28.29 2.57 -2.31	25.22 2.28 -1.41	24.00 2.13 -1.56	21.24 1.77 -0.80
SHOREHAM_IC_2 23716	21.22 1.68 0.00	18.99 1.47 0.00	18.50 1.30 -0.07	18.55 1.03 -2.54	18.23 1.05 -2.19	19.01 1.31 0.00	20.13 1.45 -0.37	20.42 1.39 -2.28	20.88 1.22 -4.39	21.44 1.27 -4.85	21.17 1.32 -4.72	20.90 1.30 -4.44	21.34 1.39 -4.19	21.67 1.48 -3.55	23.90 1.60 -5.49	24.78 1.76 -5.03	28.27 2.49 -4.32	33.21 2.70 -7.41	33.76 2.72 -7.79	62.05 2.77 -34.94	28.29 2.57 -2.31	25.22 2.28 -1.41	24.00 2.13 -1.56	21.24 1.77 -0.80
SISSONVILLE____ 23735	18.97 -0.57 0.00	16.96 -0.56 0.00	16.58 -0.55 0.00	14.53 -0.45 0.00	14.52 -0.46 0.00	17.14 -0.57 0.00	17.79 -0.53 0.00	16.33 -0.42 0.00	14.91 -0.35 0.00	15.06 -0.26 0.00	14.87 -0.27 0.00	14.87 -0.29 0.00	15.44 -0.33 0.00	16.24 -0.40 0.00	16.37 -0.44 0.00	17.49 -0.50 0.00	20.84 -0.62 0.00	22.37 -0.74 0.00	22.46 -0.79 0.00	23.48 -0.85 0.00	22.56 -0.84 0.00	20.78 -0.75 0.00	19.62 -0.69 0.00	18.00 -0.67 0.00
SITHE_IND_GS1 24169	19.11 -0.43 0.00	17.13 -0.39 0.00	16.75 -0.38 0.00	14.73 -0.33 -0.08	14.74 -0.32 -0.07	17.33 -0.37 0.00	17.92 -0.40 -0.01	16.43 -0.38 -0.07	14.92 -0.52 -0.18	14.98 -0.54 -0.20	14.80 -0.53 -0.19	14.82 -0.52 -0.18	15.42 -0.52 -0.17	16.22 -0.55 -0.13	16.38 -0.54 -0.11	17.51 -0.58 -0.10	21.05 -0.47 -0.06	22.83 -0.44 -0.16	22.96 -0.44 -0.14	23.97 -0.44 -0.07	23.02 -0.40 -0.02	21.12 -0.41 0.00	19.92 -0.39 0.00	18.30 -0.39 -0.02
SITHE_IND_GS2 24170	19.11 -0.43 0.00	17.13 -0.39 0.00	16.75 -0.38 0.00	14.73 -0.33 -0.08	14.74 -0.32 -0.07	17.33 -0.37 0.00	17.92 -0.40 -0.01	16.43 -0.38 -0.07	14.92 -0.52 -0.18	14.98 -0.54 -0.20	14.80 -0.53 -0.19	14.82 -0.52 -0.18	15.42 -0.52 -0.17	16.22 -0.55 -0.13	16.38 -0.54 -0.11	17.51 -0.58 -0.10	21.05 -0.47 -0.06	22.83 -0.44 -0.16	22.96 -0.44 -0.14	23.97 -0.44 -0.07	23.02 -0.40 -0.02	21.12 -0.41 0.00	19.92 -0.39 0.00	18.30 -0.39 -0.02
SITHE_IND_GS3 24171	19.11 -0.43 0.00	17.13 -0.39 0.00	16.75 -0.38 0.00	14.73 -0.33 -0.08	14.74 -0.32 -0.07	17.33 -0.37 0.00	17.92 -0.40 -0.01	16.43 -0.38 -0.07	14.92 -0.52 -0.18	14.98 -0.54 -0.20	14.80 -0.53 -0.19	14.82 -0.52 -0.18	15.42 -0.52 -0.17	16.22 -0.55 -0.13	16.38 -0.54 -0.11	17.51 -0.58 -0.10	21.05 -0.47 -0.06	22.83 -0.44 -0.16	22.96 -0.44 -0.14	23.97 -0.44 -0.07	23.02 -0.40 -0.02	21.12 -0.41 0.00	19.92 -0.39 0.00	18.30 -0.39 -0.02
SITHE_IND_GS4 24172	19.11 -0.43 0.00	17.13 -0.39 0.00	16.75 -0.38 0.00	14.73 -0.33 -0.08	14.74 -0.32 -0.07	17.33 -0.37 0.00	17.92 -0.40 -0.01	16.43 -0.38 -0.07	14.92 -0.52 -0.18	14.98 -0.54 -0.20	14.80 -0.53 -0.19	14.82 -0.52 -0.18	15.42 -0.52 -0.17	16.22 -0.55 -0.13	16.38 -0.54 -0.11	17.51 -0.58 -0.10	21.05 -0.47 -0.06	22.83 -0.44 -0.16	22.96 -0.44 -0.14	23.97 -0.44 -0.07	23.02 -0.40 -0.02	21.12 -0.41 0.00	19.92 -0.39 0.00	18.30 -0.39 -0.02
SITHE____BATAVIA 24024	19.81 0.27 0.00	17.78 0.26 0.00	17.36 0.22 -0.01	15.35 0.19 -0.17	15.36 0.23 -0.15	18.04 0.34 0.00	18.42 0.07 -0.03	16.82 -0.08 -0.16	15.51 -0.09 -0.33	15.51 -0.18 -0.37	15.39 -0.11 -0.36	15.40 -0.09 -0.34	16.06 -0.03 -0.32	16.92 0.03 -0.25	17.07 0.05 -0.21	18.27 0.09 -0.19	21.60 0.00 -0.14	23.76 0.28 -0.38	23.82 0.23 -0.33	24.71 0.22 -0.16	23.86 0.42 -0.04	21.79 0.26 0.00	20.57 0.26 0.00	18.87 0.15 -0.05
SITHE____INDEPEND 23800	19.11 -0.43 0.00	17.13 -0.39 0.00	16.75 -0.38 0.00	14.73 -0.33 -0.08	14.74 -0.31 -0.07	17.33 -0.37 0.00	17.92 -0.40 -0.01	16.43 -0.39 -0.07	14.92 -0.52 -0.18	14.98 -0.54 -0.20	14.80 -0.53 -0.19	14.82 -0.52 -0.18	15.42 -0.52 -0.17	16.22 -0.55 -0.13	16.38 -0.54 -0.11	17.51 -0.58 -0.10	21.08 -0.47 -0.08	22.89 -0.44 -0.22	23.01 -0.44 -0.19	23.99 -0.44 -0.10	23.03 -0.40 -0.02	21.12 -0.41 0.00	19.90 -0.41 0.00	18.31 -0.39 -0.03
SITHE____MASSENA 23902	19.32 -0.21 0.00	17.29 -0.23 0.00	16.91 -0.22 0.00	14.83 -0.15 0.00	14.81 -0.18 0.00	17.47 -0.23 0.00	18.10 -0.22 0.00	16.58 -0.17 0.00	15.13 -0.14 0.00	15.24 -0.08 0.00	15.06 -0.08 0.00	15.07 -0.09 0.00	15.66 -0.11 0.00	16.49 -0.15 0.00	16.64 -0.17 0.00	17.79 -0.20 0.00	21.21 -0.26 0.00	22.76 -0.35 0.00	22.86 -0.40 0.00	23.89 -0.44 0.00	22.98 -0.42 0.00	21.19 -0.35 0.00	20.01 -0.30 0.00	18.37 -0.30 0.00
SITHE____OGDNSBRG 24021	19.34 -0.20 0.00	17.31 -0.21 0.00	16.91 -0.22 0.00	14.82 -0.16 0.00	14.80 -0.18 0.00	17.47 -0.23 0.00	18.13 -0.18 0.00	16.63 -0.12 0.00	15.17 -0.09 0.00	15.31 -0.02 0.00	15.11 -0.03 0.00	15.10 -0.06 0.00	15.68 -0.09 0.00	16.52 -0.12 0.00	16.66 -0.15 0.00	17.81 -0.18 0.00	21.23 -0.24 0.00	22.78 -0.32 0.00	22.95 -0.30 0.00	24.02 -0.32 0.00	23.08 -0.33 0.00	21.23 -0.30 0.00	20.05 -0.26 0.00	18.39 -0.28 0.00
SITHE____STERLING 23777	19.93 0.39 0.00	17.87 0.35 0.00	17.46 0.32 0.00	15.33 0.27 -0.07	15.33 0.28 -0.06	18.08 0.37 0.00	18.71 0.39 -0.01	17.17 0.35 -0.07	15.64 0.23 -0.15	15.67 0.18 -0.16	15.46 0.17 -0.16	15.46 0.15 -0.15	16.05 0.14 -0.14	16.93 0.18 -0.11	17.09 0.19 -0.09	18.29 0.22 -0.08	21.91 0.39 -0.06	23.72 0.46 -0.15	23.95 0.56 -0.13	25.06 0.66 -0.07	24.03 0.61 -0.02	22.05 0.52 0.00	20.74 0.43 0.00	19.05 0.35 -0.02
SLEIGHT__34_KV_TB1 80719	19.91 0.37 0.00	17.83 0.32 0.00	17.42 0.29 0.00	15.40 0.27 -0.15	15.41 0.30 -0.13	18.06 0.35 0.00	18.72 0.38 -0.02	17.25 0.37 -0.13	15.75 0.20 -0.29	15.80 0.15 -0.32	15.60 0.15 -0.31	15.63 0.18 -0.29	16.25 0.21 -0.28	17.07 0.22 -0.22	17.23 0.24 -0.18	18.41 0.25 -0.16	22.09 0.49 -0.14	24.16 0.69 -0.37	24.32 0.74 -0.32	25.34 0.85 -0.16	24.28 0.84 -0.04	22.24 0.71 0.00	20.90 0.59 0.00	19.17 0.45 -0.05
SOUTH CAIRO____GT 23612	20.44 0.90 0.00	18.38 0.86 0.00	18.06 0.84 -0.09	18.66 0.63 -3.05	18.27 0.64 -2.64	18.52 0.81 0.00	19.59 0.82 -0.45	20.21 0.72 -2.74	20.99 0.44 -5.28	21.58 0.43 -5.83	21.25 0.44 -5.67	20.89 0.41 -5.32	21.21 0.41 -5.03	21.05 0.47 -3.94	20.56 0.45 -3.30	21.40 0.49 -2.92	24.69 0.77 -2.45	30.60 0.90 -6.59	30.05 1.07 -5.73	28.37 1.19 -2.85	25.24 1.15 -0.69	22.46 0.93 0.00	21.14 0.83 0.00	20.38 0.75 -0.96
SOUTH HAMPTN____IC 23720	21.47 1.93 0.00	19.20 1.68 0.00	18.71 1.51 -0.07	18.73 1.21 -2.54	18.41 1.23 -2.19	19.22 1.52 0.00	20.35 1.67 -0.37	20.62 1.59 -2.28	21.08 1.42 -4.39	21.68 1.50 -4.85	21.40 1.54 -4.72	21.15 1.55 -4.44	21.58 1.62 -4.19	21.92 1.73 -3.55	24.15 1.85 -5.49	25.07 2.05 -5.03	28.62 2.83 -4.33	33.61 3.10 -7.41	34.14 3.09 -7.79	62.55 3.19 -35.03	28.67 2.95 -2.32	25.54 2.60 -1.41	24.30 2.44 -1.56	21.50 2.04 -0.80

SOUTHDOWN_115KV_TB1 355954	20.28 0.74 0.00	18.22 0.70 0.00	17.85 0.72 -0.01	15.63 0.42 -0.22	15.61 0.43 -0.19	18.50 0.80 0.00	18.73 0.38 -0.03	17.20 0.25 -0.20	15.96 0.27 -0.42	15.97 0.18 -0.46	15.86 0.27 -0.45	15.85 0.27 -0.42	16.47 0.30 -0.40	17.37 0.42 -0.31	17.51 0.44 -0.26	18.74 0.52 -0.23	22.17 0.52 -0.19	24.41 0.79 -0.52	24.41 0.70 -0.45	25.29 0.73 -0.23	24.37 0.91 -0.05	22.48 0.95 0.00	21.12 0.81 0.00	19.14 0.39 -0.08
SOUTHOLD_69_KV_BK 2 55809	21.81 2.27 0.00	19.48 1.96 0.00	18.97 1.76 -0.07	18.96 1.44 -2.54	18.63 1.45 -2.19	19.49 1.79 0.00	20.61 1.92 -0.37	20.91 1.88 -2.28	21.31 1.65 -4.39	21.95 1.78 -4.85	21.69 1.83 -4.72	21.42 1.82 -4.44	21.86 1.91 -4.19	22.23 2.05 -3.55	24.49 2.19 -5.50	25.44 2.43 -5.02	29.10 3.31 -4.33	34.10 3.58 -7.42	34.66 3.60 -7.80	63.10 3.75 -35.02	29.18 3.46 -2.32	26.00 3.06 -1.41	24.71 2.84 -1.56	21.84 2.37 -0.80
SOUTHOLD___IC 23719	21.80 2.27 0.00	19.48 1.96 0.00	18.97 1.76 -0.07	18.96 1.44 -2.54	18.63 1.45 -2.19	19.49 1.79 0.00	20.63 1.94 -0.37	20.90 1.88 -2.28	21.33 1.68 -4.39	21.95 1.78 -4.85	21.68 1.83 -4.72	21.42 1.82 -4.44	21.86 1.91 -4.19	22.23 2.05 -3.55	24.49 2.18 -5.49	25.45 2.43 -5.03	29.09 3.30 -4.32	34.17 3.65 -7.41	34.70 3.65 -7.79	63.09 3.75 -35.01	29.18 3.46 -2.32	26.00 3.06 -1.41	24.69 2.82 -1.56	21.84 2.37 -0.80
SPIERFLS_115KV_TB 1 80737	20.69 1.15 0.00	18.57 1.05 0.00	18.30 1.08 -0.10	19.22 0.93 -3.31	18.77 0.93 -2.86	18.85 1.15 0.00	20.01 1.21 -0.48	20.96 1.24 -2.97	21.94 0.95 -5.73	22.75 1.10 -6.33	22.25 0.97 -6.15	21.87 0.94 -5.77	22.14 0.91 -5.46	21.78 0.87 -4.28	21.24 0.86 -3.57	22.06 0.90 -3.16	25.37 1.24 -2.66	31.51 1.25 -7.15	30.80 1.33 -6.22	28.93 1.51 -3.09	25.98 1.83 -0.75	22.91 1.38 0.00	21.69 1.38 0.00	20.98 1.27 -1.04
ST LAWRENCE____ 23600	19.21 -0.33 0.00	17.20 -0.31 0.00	16.82 -0.31 0.00	14.74 -0.24 0.00	14.73 -0.25 0.00	17.38 -0.32 0.00	18.00 -0.31 0.00	16.48 -0.27 0.00	15.04 -0.23 0.00	15.14 -0.18 0.00	14.94 -0.20 0.00	14.96 -0.20 0.00	15.55 -0.22 0.00	16.37 -0.27 0.00	16.52 -0.29 0.00	17.69 -0.31 0.00	21.06 -0.41 0.00	22.58 -0.53 0.00	22.72 -0.53 0.00	23.72 -0.61 0.00	22.82 -0.58 0.00	21.04 -0.49 0.00	19.88 -0.43 0.00	18.28 -0.39 0.00
STATE_CA_115KV_115_LB 55624	19.99 0.45 0.00	17.99 0.47 0.00	17.69 0.46 -0.09	18.64 0.39 -3.26	18.20 0.39 -2.82	18.18 0.48 0.00	19.29 0.49 -0.48	20.15 0.47 -2.93	21.23 0.32 -5.65	21.85 0.29 -6.24	21.54 0.33 -6.07	21.20 0.35 -5.69	21.52 0.36 -5.38	21.26 0.40 -4.22	20.74 0.40 -3.53	21.51 0.40 -3.12	24.65 0.56 -2.63	30.74 0.58 -7.06	29.99 0.60 -6.13	28.04 0.66 -3.05	24.82 0.68 -0.74	22.05 0.52 0.00	20.82 0.51 0.00	20.18 0.49 -1.03
STATE_ST_34_KV_LOAD 55959	19.68 0.14 0.00	17.64 0.12 0.00	17.25 0.12 0.00	15.23 0.09 -0.16	15.23 0.10 -0.14	17.86 0.16 0.00	18.49 0.15 -0.02	17.04 0.15 -0.14	15.56 -0.02 -0.31	15.60 -0.06 -0.34	15.41 -0.06 -0.33	15.44 -0.03 -0.31	16.03 -0.03 -0.29	16.85 -0.02 -0.23	16.98 -0.02 -0.19	18.16 0.00 -0.17	21.84 0.24 -0.14	23.86 0.37 -0.38	23.98 0.40 -0.33	24.98 0.49 -0.17	23.91 0.47 -0.04	21.92 0.39 0.00	20.61 0.30 0.00	18.91 0.19 -0.06
STATION 5_MISC_HYD 23604	19.60 0.06 0.00	17.55 0.04 0.00	17.18 0.05 0.00	15.24 0.11 -0.15	15.23 0.12 -0.13	17.77 0.07 0.00	18.28 -0.05 -0.02	16.80 -0.08 -0.13	15.42 -0.14 -0.30	15.45 -0.20 -0.33	15.32 -0.14 -0.32	15.35 -0.11 -0.30	15.99 -0.06 -0.28	16.84 -0.02 -0.22	16.98 -0.02 -0.18	18.16 0.00 -0.16	21.59 0.00 -0.12	23.62 0.18 -0.33	23.70 0.16 -0.28	24.64 0.17 -0.14	23.72 0.28 -0.03	21.64 0.11 0.00	20.43 0.12 0.00	18.79 0.07 -0.05
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	19.66 0.12 0.00	17.60 0.09 0.00	17.22 0.09 0.00	15.24 0.10 -0.15	15.25 0.13 -0.13	17.83 0.12 0.00	18.43 0.09 -0.02	16.97 0.08 -0.14	15.52 -0.03 -0.29	15.55 -0.09 -0.32	15.39 -0.06 -0.31	15.40 -0.05 -0.29	16.03 -0.02 -0.28	16.85 0.00 -0.22	17.02 0.03 -0.18	18.21 0.05 -0.16	21.79 0.19 -0.13	23.86 0.39 -0.36	23.96 0.40 -0.31	24.95 0.46 -0.16	23.93 0.49 -0.04	21.87 0.34 0.00	20.57 0.26 0.00	18.91 0.19 -0.05
STA_56_34_KV_BUS2_REV_LBMP_B 345033	19.46 -0.08 0.00	17.45 -0.07 0.00	17.08 -0.05 0.00	15.13 0.00 -0.15	15.13 0.01 -0.13	17.67 -0.04 0.00	18.25 -0.09 -0.02	16.70 -0.18 -0.13	15.33 -0.23 -0.29	15.35 -0.29 -0.32	15.23 -0.23 -0.31	15.25 -0.20 -0.29	15.89 -0.16 -0.28	16.72 -0.13 -0.22	16.82 -0.17 -0.18	17.97 -0.18 -0.16	21.43 -0.17 -0.13	23.44 -0.02 -0.36	23.52 -0.05 -0.31	24.46 -0.02 -0.16	23.51 0.07 -0.04	21.44 -0.09 0.00	20.19 -0.12 0.00	18.63 -0.09 -0.05
STA_56___34_KV_BUS2 355983	19.46 -0.08 0.00	17.45 -0.07 0.00	17.08 -0.05 0.00	15.13 0.00 -0.15	15.13 0.01 -0.13	17.67 -0.04 0.00	18.25 -0.09 -0.02	16.70 -0.18 -0.13	15.33 -0.23 -0.29	15.35 -0.29 -0.32	15.23 -0.23 -0.31	15.25 -0.20 -0.29	15.89 -0.16 -0.28	16.72 -0.13 -0.22	16.82 -0.17 -0.18	17.97 -0.18 -0.16	21.43 -0.17 -0.13	23.44 -0.02 -0.36	23.52 -0.05 -0.31	24.46 -0.02 -0.16	23.51 0.07 -0.04	21.44 -0.09 0.00	20.19 -0.12 0.00	18.63 -0.09 -0.05
STA_67___115KV_BK2 355882	19.56 0.02 0.00	17.53 0.02 0.00	17.17 0.03 0.00	15.21 0.07 -0.15	15.22 0.10 -0.13	17.76 0.05 0.00	18.32 -0.02 -0.02	16.77 -0.12 -0.13	15.41 -0.15 -0.29	15.42 -0.23 -0.33	15.29 -0.17 -0.32	15.32 -0.14 -0.30	15.96 -0.09 -0.28	16.81 -0.05 -0.22	16.94 -0.05 -0.18	18.12 -0.04 -0.16	21.56 -0.04 -0.14	23.61 0.14 -0.37	23.69 0.12 -0.32	24.59 0.10 -0.16	23.68 0.23 -0.04	21.60 0.06 0.00	20.35 0.04 0.00	18.78 0.06 -0.05
STA_7___115KV_9TRANS 80674	19.68 0.14 0.00	17.62 0.11 0.00	17.25 0.12 0.00	15.28 0.15 -0.15	15.28 0.16 -0.13	17.84 0.14 0.00	18.41 0.07 -0.02	16.87 -0.02 -0.13	15.48 -0.08 -0.30	15.51 -0.14 -0.33	15.38 -0.08 -0.32	15.41 -0.05 -0.30	16.05 0.00 -0.28	16.91 0.05 -0.22	17.04 0.05 -0.18	18.23 0.07 -0.16	21.69 0.09 -0.14	23.78 0.30 -0.37	23.85 0.28 -0.32	24.78 0.29 -0.16	23.84 0.40 -0.04	21.75 0.22 0.00	20.47 0.16 0.00	18.87 0.15 -0.05
STA_82___115KV_TB1 80780	19.56 0.02 0.00	17.53 0.02 0.00	17.17 0.03 0.00	15.22 0.09 -0.15	15.22 0.10 -0.13	17.76 0.05 0.00	18.34 0.00 -0.02	16.78 -0.10 -0.14	15.41 -0.15 -0.30	15.43 -0.21 -0.33	15.31 -0.15 -0.32	15.33 -0.12 -0.30	15.97 -0.08 -0.28	16.81 -0.05 -0.22	16.96 -0.03 -0.19	18.12 -0.04 -0.16	21.56 -0.04 -0.14	23.62 0.14 -0.37	23.69 0.12 -0.32	24.61 0.12 -0.16	23.70 0.26 -0.04	21.62 0.09 0.00	20.35 0.04 0.00	18.78 0.06 -0.05
STEEL___WIND 323596	19.62 0.08 0.00	17.64 0.12 0.00	17.29 0.15 -0.01	15.20 0.01 -0.20	15.19 0.03 -0.18	17.90 0.20 0.00	18.31 -0.04 -0.03	16.60 -0.33 -0.18	15.36 -0.29 -0.39	15.37 -0.38 -0.43	15.28 -0.27 -0.41	15.30 -0.24 -0.39	15.93 -0.21 -0.37	16.79 -0.13 -0.29	16.93 -0.12 -0.24	18.10 -0.11 -0.21	21.37 -0.26 -0.16	23.48 -0.07 -0.44	23.48 -0.16 -0.38	24.30 -0.22 -0.19	23.47 0.02 -0.05	21.60 0.06 0.00	20.41 0.10 0.00	18.61 -0.13 -0.06

STEPHTWN_115KV_BK_2 55603	20.11 0.57 0.00	18.10 0.58 0.00	17.79 0.57 -0.09	18.71 0.48 -3.24	18.27 0.48 -2.81	18.29 0.58 0.00	19.41 0.62 -0.47	20.27 0.60 -2.92	21.31 0.43 -5.62	21.94 0.41 -6.21	21.62 0.45 -6.03	21.29 0.47 -5.66	21.60 0.47 -5.35	21.35 0.52 -4.20	20.82 0.50 -3.51	21.62 0.52 -3.10	24.81 0.73 -2.61	30.88 0.76 -7.02	30.14 0.79 -6.10	28.24 0.88 -3.03	25.05 0.91 -0.73	22.24 0.71 0.00	21.00 0.69 0.00	20.33 0.63 -1.02
STEUBEN_REC_LFGE 323667	20.11 0.57 0.00	18.04 0.53 0.00	17.65 0.51 -0.01	15.59 0.34 -0.27	15.56 0.34 -0.23	18.27 0.57 0.00	18.70 0.35 -0.04	17.22 0.23 -0.24	15.97 0.21 -0.49	15.97 0.11 -0.54	15.82 0.15 -0.53	15.83 0.18 -0.49	16.43 0.19 -0.47	17.22 0.22 -0.37	17.38 0.27 -0.31	18.55 0.29 -0.27	22.06 0.36 -0.23	24.39 0.67 -0.61	24.44 0.65 -0.53	25.33 0.73 -0.26	24.31 0.84 -0.06	22.37 0.84 0.00	21.02 0.71 0.00	19.17 0.41 -0.09
STONY__BROOK 24151	21.12 1.58 0.00	18.88 1.37 0.00	18.40 1.20 -0.07	18.48 0.96 -2.54	18.15 0.97 -2.19	18.91 1.20 0.00	20.02 1.34 -0.37	20.34 1.31 -2.28	20.82 1.16 -4.39	21.40 1.23 -4.85	21.13 1.27 -4.72	20.87 1.27 -4.44	21.30 1.34 -4.19	21.63 1.45 -3.55	23.83 1.53 -5.49	24.71 1.69 -5.03	28.19 2.30 -4.42	33.02 2.52 -7.39	33.54 2.51 -7.78	63.59 2.55 -36.70	28.13 2.34 -2.39	25.07 2.13 -1.41	23.86 1.99 -1.56	21.15 1.68 -0.80
STURGEON_POOL_HYD 23609	20.44 0.90 0.00	18.29 0.77 0.00	17.94 0.74 -0.08	18.13 0.54 -2.60	17.78 0.54 -2.25	18.41 0.71 0.00	19.43 0.73 -0.38	19.76 0.67 -2.34	20.29 0.52 -4.51	20.83 0.52 -4.98	20.45 0.47 -4.84	20.16 0.45 -4.54	20.56 0.49 -4.30	20.52 0.52 -3.37	20.20 0.57 -2.82	21.11 0.63 -2.49	24.57 1.01 -2.10	29.90 1.16 -5.63	29.31 1.16 -4.90	27.96 1.19 -2.44	25.00 1.01 -0.59	22.56 1.03 0.00	21.18 0.87 0.00	20.27 0.78 -0.82
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	20.32 0.78 0.00	18.22 0.70 0.00	17.84 0.65 -0.07	17.76 0.52 -2.25	17.46 0.52 -1.95	18.36 0.66 0.00	19.38 0.73 -0.33	19.46 0.69 -2.03	19.72 0.55 -3.90	20.19 0.55 -4.31	19.85 0.51 -4.19	19.61 0.52 -3.93	20.04 0.55 -3.72	20.15 0.60 -2.92	19.89 0.64 -2.44	20.85 0.70 -2.16	24.33 1.05 -1.82	29.14 1.16 -4.88	28.66 1.16 -4.24	27.63 1.19 -2.11	24.97 1.05 -0.51	22.50 0.97 0.00	21.14 0.83 0.00	20.16 0.78 -0.71
SWANROAD_115KV_TB1 355699	19.19 -0.35 0.00	17.31 -0.21 0.00	16.84 -0.29 -0.01	14.90 -0.27 -0.19	14.89 -0.25 -0.16	17.56 -0.14 0.00	17.76 -0.59 -0.03	16.18 -0.74 -0.17	14.98 -0.64 -0.36	14.97 -0.75 -0.40	14.89 -0.64 -0.38	14.94 -0.58 -0.36	15.56 -0.55 -0.34	16.41 -0.50 -0.27	16.53 -0.50 -0.22	17.67 -0.52 -0.20	20.82 -0.82 -0.17	22.88 -0.67 -0.45	22.88 -0.77 -0.39	23.65 -0.88 -0.19	22.89 -0.56 -0.05	20.93 -0.60 0.00	19.74 -0.57 0.00	18.23 -0.50 -0.07
SYNERGY__BIOGAS 323694	19.81 0.27 0.00	17.78 0.26 0.00	17.36 0.22 -0.01	15.35 0.19 -0.17	15.36 0.23 -0.15	18.04 0.34 0.00	18.42 0.07 -0.03	16.82 -0.08 -0.16	15.51 -0.09 -0.33	15.51 -0.18 -0.37	15.39 -0.11 -0.36	15.40 -0.09 -0.34	16.06 -0.03 -0.32	16.92 0.03 -0.25	17.07 0.05 -0.21	18.27 0.09 -0.19	21.60 0.00 -0.14	23.76 0.28 -0.38	23.82 0.23 -0.33	24.71 0.22 -0.16	23.86 0.42 -0.04	21.79 0.26 0.00	20.57 0.26 0.00	18.87 0.15 -0.05
SYRACUSE__ENERGY_ST1 323597	19.60 0.06 0.00	17.57 0.05 0.00	17.17 0.03 0.00	15.14 0.03 -0.13	15.14 0.04 -0.11	17.76 0.05 0.00	18.39 0.05 -0.02	16.93 0.07 -0.11	15.41 -0.11 -0.25	15.46 -0.14 -0.28	15.29 -0.12 -0.27	15.30 -0.11 -0.25	15.90 -0.11 -0.24	16.72 -0.10 -0.19	16.88 -0.08 -0.16	18.02 -0.11 -0.14	21.67 0.09 -0.12	23.60 0.18 -0.31	23.74 0.21 -0.27	24.74 0.27 -0.14	23.72 0.28 -0.03	21.77 0.24 0.00	20.49 0.18 0.00	18.83 0.11 -0.05
SYRACUSE__ENERGY_ST2 323598	19.60 0.06 0.00	17.57 0.05 0.00	17.17 0.03 0.00	15.14 0.03 -0.13	15.14 0.04 -0.11	17.76 0.05 0.00	18.39 0.05 -0.02	16.93 0.07 -0.11	15.41 -0.11 -0.25	15.46 -0.14 -0.28	15.29 -0.12 -0.27	15.30 -0.11 -0.25	15.90 -0.11 -0.24	16.72 -0.10 -0.19	16.88 -0.08 -0.16	18.02 -0.11 -0.14	21.67 0.09 -0.12	23.60 0.18 -0.31	23.74 0.21 -0.27	24.74 0.27 -0.14	23.72 0.28 -0.03	21.77 0.24 0.00	20.49 0.18 0.00	18.83 0.11 -0.05
SYRACUSE__POWER 24017	19.50 -0.04 0.00	17.48 -0.04 0.00	17.08 -0.05 0.00	15.07 -0.04 -0.13	15.05 -0.04 -0.11	17.67 -0.04 0.00	18.30 -0.04 -0.02	16.83 -0.03 -0.12	15.34 -0.18 -0.26	15.39 -0.21 -0.29	15.21 -0.21 -0.28	15.24 -0.18 -0.26	15.83 -0.19 -0.25	16.65 -0.18 -0.19	16.80 -0.17 -0.16	17.94 -0.20 -0.14	21.56 -0.02 -0.12	23.50 0.07 -0.32	23.63 0.09 -0.28	24.59 0.12 -0.14	23.58 0.14 -0.03	21.64 0.11 0.00	20.37 0.06 0.00	18.72 0.00 -0.05
TALLMAN__138KV_BK151 55660	20.46 0.92 0.00	18.32 0.81 0.00	17.95 0.75 -0.07	17.96 0.61 -2.36	17.64 0.61 -2.04	18.46 0.76 0.00	19.50 0.84 -0.34	19.69 0.82 -2.12	20.01 0.66 -4.09	20.51 0.67 -4.52	20.17 0.64 -4.39	19.91 0.64 -4.12	20.35 0.68 -3.90	20.43 0.73 -3.06	20.14 0.77 -2.55	21.12 0.86 -2.26	24.61 1.24 -1.90	29.58 1.36 -5.11	29.04 1.35 -4.44	27.93 1.39 -2.21	25.15 1.22 -0.53	22.67 1.14 0.00	21.28 0.97 0.00	20.33 0.91 -0.74
TEALLAVE_115KV_TB7 355573	19.44 -0.10 0.00	17.43 -0.09 0.00	17.05 -0.09 0.00	15.02 -0.07 -0.11	15.00 -0.07 -0.10	17.63 -0.07 0.00	18.24 -0.09 -0.02	16.76 -0.08 -0.10	15.26 -0.23 -0.22	15.31 -0.26 -0.25	15.14 -0.24 -0.24	15.15 -0.23 -0.23	15.75 -0.24 -0.21	16.57 -0.23 -0.17	16.73 -0.22 -0.14	17.88 -0.23 -0.12	21.48 -0.09 -0.10	23.39 0.00 -0.28	23.50 0.00 -0.24	24.50 0.05 -0.12	23.50 0.07 -0.03	21.55 0.02 0.00	20.29 -0.02 0.00	18.66 -0.06 -0.04
TELGRAPH_34_KV_EAST 80808	19.56 0.02 0.00	17.59 0.07 0.00	17.17 0.03 -0.01	15.18 0.01 -0.18	15.18 0.04 -0.16	17.84 0.14 0.00	18.16 -0.18 -0.03	16.58 -0.33 -0.16	15.32 -0.29 -0.34	15.30 -0.40 -0.38	15.22 -0.29 -0.37	15.25 -0.26 -0.35	15.89 -0.21 -0.33	16.74 -0.15 -0.26	16.89 -0.13 -0.21	18.06 -0.13 -0.19	21.32 -0.30 -0.16	23.44 -0.09 -0.43	23.47 -0.16 -0.37	24.30 -0.22 -0.19	23.47 0.02 -0.04	21.47 -0.06 0.00	20.23 -0.08 0.00	18.62 -0.11 -0.06
TEMPLE__115KV_TB 2 55572	19.44 -0.10 0.00	17.43 -0.09 0.00	17.05 -0.09 0.00	15.02 -0.07 -0.11	15.02 -0.06 -0.10	17.63 -0.07 0.00	18.26 -0.07 -0.02	16.77 -0.08 -0.10	15.26 -0.23 -0.23	15.31 -0.26 -0.25	15.14 -0.24 -0.24	15.16 -0.23 -0.23	15.76 -0.22 -0.22	16.57 -0.23 -0.17	16.73 -0.22 -0.14	17.88 -0.23 -0.12	21.48 -0.09 -0.11	23.39 0.00 -0.28	23.52 0.02 -0.25	24.50 0.05 -0.12	23.50 0.07 -0.03	21.57 0.04 0.00	20.31 0.00 0.00	18.67 -0.04 -0.04
TIANA__69_KV_BK 1 55817	21.39 1.86 0.00	19.13 1.61 0.00	18.64 1.44 -0.07	18.67 1.15 -2.54	18.35 1.17 -2.19	19.15 1.45 0.00	20.26 1.58 -0.37	20.57 1.54 -2.28	20.98 1.33 -4.39	21.60 1.42 -4.85	21.32 1.47 -4.72	21.07 1.47 -4.44	21.50 1.55 -4.19	21.85 1.66 -3.55	24.07 1.76 -5.50	24.98 1.96 -5.02	28.52 2.73 -4.33	33.43 2.91 -7.42	33.98 2.93 -7.80	62.42 3.07 -35.02	28.55 2.83 -2.32	25.44 2.50 -1.41	24.22 2.36 -1.56	21.43 1.96 -0.80

TILDEN___115KV_TB1 80814	19.50 -0.04 0.00	17.48 -0.04 0.00	17.08 -0.05 0.00	15.07 -0.04 -0.13	15.05 -0.04 -0.11	17.67 -0.04 0.00	18.30 -0.04 -0.02	16.83 -0.03 -0.12	15.34 -0.18 -0.26	15.39 -0.21 -0.29	15.21 -0.21 -0.28	15.24 -0.18 -0.26	15.83 -0.19 -0.25	16.65 -0.18 -0.19	16.80 -0.17 -0.16	17.94 -0.20 -0.14	21.56 -0.02 -0.12	23.50 0.07 -0.32	23.63 0.09 -0.28	24.59 0.12 -0.14	23.58 0.14 -0.03	21.64 0.11 0.00	20.37 0.06 0.00	18.72 0.00 -0.05
TRIGEN___CC 323695	20.73 1.19 0.00	18.53 1.02 0.00	18.09 0.89 -0.07	18.22 0.70 -2.54	17.88 0.70 -2.19	18.59 0.89 0.00	19.69 1.01 -0.37	20.04 1.00 -2.28	20.51 0.85 -4.39	21.09 0.92 -4.85	20.81 0.95 -4.72	20.55 0.95 -4.44	20.98 1.03 -4.19	21.27 1.08 -3.55	23.45 1.14 -5.50	24.26 1.24 -5.02	25.22 1.70 -2.06	32.29 1.85 -7.34	32.81 1.84 -7.72	28.60 1.87 -2.39	25.68 1.69 -0.59	24.53 1.59 -1.41	23.31 1.44 -1.56	20.72 1.25 -0.80
TRINITY__115KV__4 BK 55933	19.93 0.39 0.00	17.94 0.42 0.00	17.65 0.43 -0.09	18.59 0.36 -3.25	18.15 0.36 -2.81	18.15 0.44 0.00	19.23 0.44 -0.47	20.07 0.40 -2.92	21.16 0.27 -5.63	21.77 0.23 -6.22	21.45 0.27 -6.04	21.11 0.29 -5.67	21.42 0.28 -5.36	21.17 0.33 -4.20	20.64 0.32 -3.51	21.42 0.32 -3.11	24.53 0.45 -2.62	30.62 0.49 -7.03	29.87 0.51 -6.11	27.93 0.56 -3.04	24.70 0.56 -0.73	21.96 0.43 0.00	20.76 0.45 0.00	20.12 0.43 -1.02
UNION___PROCESSING_DRP 323587	19.58 0.04 0.00	17.53 0.02 0.00	17.18 0.05 0.00	15.22 0.09 -0.15	15.22 0.10 -0.13	17.77 0.07 0.00	18.34 0.00 -0.02	16.78 -0.10 -0.14	15.42 -0.14 -0.30	15.43 -0.21 -0.33	15.31 -0.15 -0.32	15.33 -0.12 -0.30	15.97 -0.08 -0.28	16.83 -0.03 -0.22	16.96 -0.03 -0.19	18.14 -0.02 -0.16	21.58 -0.02 -0.14	23.64 0.16 -0.37	23.69 0.12 -0.32	24.61 0.12 -0.16	23.70 0.26 -0.04	21.62 0.09 0.00	20.35 0.04 0.00	18.78 0.06 -0.05
UPPER HUDSON___HYD 24058	20.69 1.15 0.00	18.57 1.05 0.00	18.30 1.08 -0.10	19.22 0.93 -3.31	18.77 0.93 -2.86	18.85 1.15 0.00	20.01 1.21 -0.48	20.96 1.24 -2.97	21.94 0.95 -5.73	22.75 1.10 -6.33	22.26 0.97 -6.15	21.87 0.94 -5.77	22.14 0.91 -5.46	21.78 0.86 -4.28	21.24 0.86 -3.57	22.05 0.90 -3.16	25.37 1.24 -2.66	31.50 1.25 -7.15	30.79 1.32 -6.21	28.93 1.51 -3.09	25.98 1.83 -0.75	22.91 1.38 0.00	21.69 1.38 0.00	20.98 1.27 -1.04
UPPER RAQUET___HYD 24056	18.97 -0.57 0.00	16.96 -0.56 0.00	16.58 -0.55 0.00	14.53 -0.45 0.00	14.52 -0.46 0.00	17.14 -0.57 0.00	17.77 -0.55 0.00	16.33 -0.42 0.00	14.91 -0.35 0.00	15.06 -0.26 0.00	14.87 -0.27 0.00	14.87 -0.29 0.00	15.44 -0.33 0.00	16.24 -0.40 0.00	16.37 -0.44 0.00	17.49 -0.50 0.00	20.84 -0.62 0.00	22.37 -0.74 0.00	22.46 -0.79 0.00	23.48 -0.85 0.00	22.56 -0.84 0.00	20.78 -0.75 0.00	19.60 -0.71 0.00	18.00 -0.67 0.00
VALLEY44_115KV_TB2 355964	19.48 -0.06 0.00	17.50 -0.02 0.00	17.15 0.02 -0.01	14.90 -0.31 -0.23	14.88 -0.30 -0.20	17.76 0.05 0.00	17.86 -0.49 -0.03	16.40 -0.55 -0.21	15.22 -0.47 -0.43	15.23 -0.57 -0.47	15.11 -0.48 -0.46	15.13 -0.45 -0.43	15.72 -0.46 -0.41	16.54 -0.42 -0.32	16.67 -0.40 -0.27	17.87 -0.36 -0.24	21.15 -0.52 -0.20	23.32 -0.32 -0.53	23.28 -0.44 -0.46	24.08 -0.49 -0.23	23.15 -0.30 -0.06	21.60 0.06 0.00	20.31 0.00 0.00	18.24 -0.50 -0.08
VALLEY___115KV_TB 1-4 80826	19.68 0.14 0.00	17.62 0.11 0.00	17.21 0.09 0.00	15.04 0.06 0.00	15.04 0.06 0.00	17.77 0.07 0.00	18.35 0.04 0.00	16.75 0.00 0.00	15.22 -0.05 0.00	15.28 -0.05 0.00	15.09 -0.05 0.00	15.08 -0.08 0.00	15.66 -0.11 0.00	16.50 -0.13 0.00	16.66 -0.15 0.00	17.83 -0.16 0.00	21.31 -0.15 0.00	22.94 -0.16 0.00	23.12 -0.14 0.00	24.21 -0.12 0.00	23.26 -0.14 0.00	21.44 -0.09 0.00	20.23 -0.08 0.00	18.61 -0.06 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	20.40 0.86 0.00	18.27 0.75 0.00	17.83 0.69 -0.02	16.15 0.57 -0.60	16.12 0.61 -0.52	18.46 0.76 0.00	19.15 0.75 -0.09	18.03 0.74 -0.54	16.93 0.61 -1.05	17.10 0.61 -1.16	16.85 0.58 -1.13	16.78 0.56 -1.06	17.36 0.58 -1.00	18.07 0.65 -0.79	18.12 0.66 -0.66	19.29 0.72 -0.58	22.92 0.97 -0.49	25.53 1.11 -1.32	25.63 1.23 -1.14	26.29 1.39 -0.57	24.83 1.29 -0.14	22.63 1.10 0.00	21.26 0.95 0.00	19.67 0.80 -0.19
VISCHER___FERRY HYD 24020	20.30 0.76 0.00	18.22 0.70 0.00	17.93 0.70 -0.09	18.84 0.58 -3.27	18.39 0.58 -2.83	18.43 0.73 0.00	19.56 0.77 -0.48	20.36 0.67 -2.94	21.44 0.52 -5.66	22.09 0.52 -6.25	21.74 0.53 -6.07	21.39 0.53 -5.70	21.71 0.55 -5.39	21.43 0.57 -4.23	20.89 0.55 -3.53	21.71 0.59 -3.13	24.91 0.82 -2.63	31.07 0.90 -7.06	30.30 0.91 -6.14	28.33 0.95 -3.05	25.15 1.01 -0.74	22.35 0.82 0.00	21.06 0.75 0.00	20.46 0.77 -1.03
V_A_10_SYNC_DSASP 323832	19.32 -0.21 0.00	17.36 -0.16 0.00	17.03 -0.10 0.00	15.14 -0.01 -0.17	15.11 -0.01 -0.15	17.61 -0.09 0.00	18.03 -0.31 -0.02	16.52 -0.38 -0.15	15.24 -0.35 -0.32	15.25 -0.43 -0.36	15.15 -0.33 -0.35	15.18 -0.30 -0.33	15.83 -0.25 -0.31	16.66 -0.22 -0.24	16.81 -0.20 -0.20	17.97 -0.20 -0.18	21.24 -0.37 -0.14	23.28 -0.19 -0.36	23.29 -0.28 -0.32	24.15 -0.34 -0.16	23.32 -0.12 -0.04	21.27 -0.26 0.00	20.13 -0.18 0.00	18.57 -0.15 -0.05
V_CMM_10_SYNC_DSASP 323787	19.27 -0.27 0.00	17.25 -0.26 0.00	16.87 -0.26 0.00	14.79 -0.20 0.00	14.76 -0.22 0.00	17.44 -0.27 0.00	18.06 -0.26 0.00	16.53 -0.22 0.00	15.08 -0.18 0.00	15.18 -0.14 0.00	15.00 -0.14 0.00	15.01 -0.15 0.00	15.60 -0.17 0.00	16.44 -0.20 0.00	16.59 -0.22 0.00	17.74 -0.25 0.00	21.12 -0.34 0.00	22.67 -0.44 0.00	22.79 -0.46 0.00	23.82 -0.51 0.00	22.91 -0.49 0.00	21.10 -0.43 0.00	19.94 -0.36 0.00	18.34 -0.34 0.00
V_CMP_10_SYNC_DSASP 323788	20.01 0.47 0.00	17.87 0.35 0.00	17.45 0.32 0.00	15.31 0.33 0.00	15.25 0.27 0.00	18.00 0.30 0.00	18.66 0.35 0.00	17.10 0.35 0.00	15.65 0.38 0.00	15.81 0.49 0.00	15.58 0.44 0.00	15.57 0.41 0.00	16.10 0.33 0.00	16.84 0.20 0.00	16.89 0.08 0.00	18.03 0.04 0.00	21.46 0.00 0.00	23.06 -0.05 0.00	23.09 -0.16 0.00	23.99 -0.34 0.00	23.03 -0.38 0.00	21.23 -0.30 0.00	20.07 -0.24 0.00	18.43 -0.24 0.00
V_E_10_SYNC_DSASP 323830	20.89 1.35 0.00	18.69 1.17 0.00	18.22 1.08 -0.01	16.28 0.90 -0.40	16.30 0.97 -0.35	18.91 1.20 0.00	19.60 1.23 -0.06	18.25 1.14 -0.36	16.86 0.88 -0.71	16.89 0.78 -0.79	16.60 0.70 -0.77	16.51 0.64 -0.72	17.05 0.60 -0.68	17.87 0.70 -0.53	17.93 0.67 -0.45	19.14 0.76 -0.39	22.90 1.12 -0.32	25.40 1.43 -0.86	25.75 1.75 -0.75	26.80 2.09 -0.37	25.48 1.99 -0.09	23.23 1.70 0.00	21.81 1.50 0.00	19.99 1.20 -0.13
V_F_30_NSYNC___DSASP 323816	20.57 1.03 0.00	18.46 0.95 0.00	18.17 0.94 -0.10	19.10 0.81 -3.30	18.65 0.81 -2.86	18.69 0.99 0.00	19.82 1.03 -0.48	20.72 1.00 -2.97	21.74 0.76 -5.72	22.49 0.86 -6.32	22.09 0.82 -6.14	21.72 0.80 -5.76	22.04 0.82 -5.45	21.74 0.83 -4.27	21.20 0.82 -3.57	22.03 0.88 -3.16	25.32 1.20 -2.66	31.47 1.22 -7.14	30.74 1.28 -6.20	28.83 1.41 -3.09	25.67 1.52 -0.75	22.74 1.20 0.00	21.43 1.12 0.00	20.77 1.06 -1.04

V_F_30_SYNC_DSASP 323786	19.97 0.43 0.00	17.99 0.47 0.00	17.69 0.46 -0.09	18.64 0.39 -3.26	18.20 0.39 -2.82	18.18 0.48 0.00	19.29 0.49 -0.48	20.15 0.47 -2.93	21.23 0.32 -5.65	21.85 0.29 -6.24	21.53 0.33 -6.06	21.20 0.35 -5.69	21.51 0.36 -5.38	21.26 0.40 -4.22	20.72 0.39 -3.53	21.51 0.40 -3.12	24.65 0.56 -2.63	30.74 0.58 -7.05	29.99 0.60 -6.13	28.04 0.66 -3.05	24.82 0.68 -0.74	22.05 0.52 0.00	20.82 0.51 0.00	20.18 0.49 -1.03
V_XM_10_SYNC_DSASP 323789	20.01 0.47 0.00	17.87 0.35 0.00	17.45 0.32 0.00	15.31 0.33 0.00	15.25 0.27 0.00	18.00 0.30 0.00	18.66 0.35 0.00	17.10 0.35 0.00	15.65 0.38 0.00	15.81 0.49 0.00	15.58 0.44 0.00	15.57 0.41 0.00	16.10 0.33 0.00	16.84 0.20 0.00	16.89 0.08 0.00	18.03 0.04 0.00	21.46 0.00 0.00	23.06 -0.05 0.00	23.09 -0.16 0.00	23.99 -0.34 0.00	23.03 -0.38 0.00	21.23 -0.30 0.00	20.07 -0.24 0.00	18.43 -0.24 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	20.50 0.96 0.00	18.38 0.86 0.00	17.99 0.79 -0.07	18.01 0.64 -2.39	17.69 0.64 -2.06	18.50 0.80 0.00	19.56 0.90 -0.35	19.75 0.85 -2.14	20.08 0.69 -4.13	20.59 0.70 -4.56	20.24 0.67 -4.44	19.99 0.67 -4.16	20.42 0.71 -3.94	20.49 0.77 -3.09	20.19 0.81 -2.58	21.17 0.90 -2.28	24.67 1.29 -1.92	29.70 1.43 -5.16	29.16 1.42 -4.48	28.02 1.46 -2.23	25.23 1.29 -0.54	22.71 1.18 0.00	21.34 1.04 0.00	20.39 0.97 -0.75
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	20.61 1.07 0.00	18.46 0.95 0.00	18.08 0.87 -0.07	18.22 0.70 -2.54	17.88 0.70 -2.19	18.59 0.89 0.00	19.71 1.03 -0.37	20.03 1.00 -2.28	20.49 0.84 -4.39	21.02 0.84 -4.85	20.62 0.77 -4.71	20.35 0.77 -4.42	20.82 0.87 -4.18	20.82 0.90 -3.28	20.54 0.99 -2.74	21.48 1.06 -2.43	25.05 1.55 -2.04	30.23 1.64 -5.48	29.65 1.63 -4.77	28.33 1.63 -2.37	25.38 1.40 -0.57	22.89 1.36 0.00	21.49 1.18 0.00	20.57 1.10 -0.80
W50THST__13_KV_LOAD 356117	20.69 1.15 0.00	18.53 1.02 0.00	18.14 0.94 -0.07	18.28 0.76 -2.54	17.94 0.76 -2.19	18.66 0.96 0.00	19.79 1.10 -0.37	20.12 1.09 -2.28	20.56 0.90 -4.39	21.09 0.92 -4.85	20.69 0.83 -4.71	20.43 0.85 -4.42	20.89 0.93 -4.18	20.90 0.98 -3.28	20.61 1.06 -2.74	21.57 1.15 -2.43	25.14 1.63 -2.04	30.35 1.76 -5.48	29.77 1.74 -4.77	28.46 1.75 -2.37	25.50 1.52 -0.57	22.97 1.44 0.00	21.57 1.26 0.00	20.66 1.19 -0.80
WADING RIVER_IC_1 23522	21.22 1.68 0.00	18.99 1.47 0.00	18.50 1.30 -0.07	18.55 1.03 -2.54	18.23 1.05 -2.19	19.01 1.31 0.00	20.13 1.45 -0.37	20.42 1.39 -2.28	20.88 1.22 -4.39	21.46 1.29 -4.85	21.17 1.32 -4.72	20.92 1.32 -4.44	21.34 1.39 -4.19	21.68 1.50 -3.55	23.90 1.60 -5.49	24.80 1.78 -5.03	28.29 2.49 -4.33	33.24 2.73 -7.41	33.77 2.72 -7.79	62.26 2.77 -35.16	28.30 2.57 -2.32	25.22 2.28 -1.41	24.00 2.13 -1.56	21.24 1.77 -0.80
WADING RIVER_IC_2 23547	21.22 1.68 0.00	18.99 1.47 0.00	18.50 1.30 -0.07	18.55 1.03 -2.54	18.23 1.05 -2.19	19.01 1.31 0.00	20.13 1.45 -0.37	20.42 1.39 -2.28	20.88 1.22 -4.39	21.46 1.29 -4.85	21.17 1.32 -4.72	20.92 1.32 -4.44	21.34 1.39 -4.19	21.68 1.50 -3.55	23.90 1.60 -5.49	24.80 1.78 -5.03	28.29 2.49 -4.33	33.24 2.73 -7.41	33.77 2.72 -7.79	62.26 2.77 -35.16	28.30 2.57 -2.32	25.22 2.28 -1.41	24.00 2.13 -1.56	21.24 1.77 -0.80
WADING RIVER_IC_3 23601	21.22 1.68 0.00	18.99 1.47 0.00	18.50 1.30 -0.07	18.55 1.03 -2.54	18.23 1.05 -2.19	19.01 1.31 0.00	20.13 1.45 -0.37	20.42 1.39 -2.28	20.88 1.22 -4.39	21.46 1.29 -4.85	21.17 1.32 -4.72	20.92 1.32 -4.44	21.34 1.39 -4.19	21.68 1.50 -3.55	23.90 1.60 -5.49	24.80 1.78 -5.03	28.29 2.49 -4.33	33.24 2.73 -7.41	33.77 2.72 -7.79	62.26 2.77 -35.16	28.30 2.57 -2.32	25.22 2.28 -1.41	24.00 2.13 -1.56	21.24 1.77 -0.80
WALDENNY_12_KV_BK2 80841	19.62 0.08 0.00	17.64 0.12 0.00	17.27 0.14 -0.01	15.20 0.01 -0.20	15.19 0.03 -0.18	17.90 0.19 0.00	18.16 -0.18 -0.03	16.60 -0.33 -0.18	15.37 -0.27 -0.38	15.38 -0.37 -0.42	15.29 -0.26 -0.41	15.32 -0.23 -0.39	15.95 -0.19 -0.37	16.81 -0.12 -0.29	16.95 -0.10 -0.24	18.11 -0.09 -0.21	21.39 -0.26 -0.18	23.54 -0.05 -0.48	23.53 -0.14 -0.42	24.34 -0.19 -0.21	23.50 0.05 -0.05	21.60 0.06 0.00	20.35 0.04 0.00	18.63 -0.11 -0.07
WALDEN__HYDRO 24148	20.42 0.88 0.00	18.29 0.77 0.00	17.92 0.72 -0.07	17.98 0.58 -2.41	17.65 0.58 -2.08	18.41 0.71 0.00	19.47 0.81 -0.35	19.67 0.75 -2.17	20.02 0.58 -4.17	20.51 0.58 -4.61	20.15 0.53 -4.48	19.88 0.52 -4.20	20.30 0.55 -3.98	20.35 0.60 -3.12	20.05 0.64 -2.60	21.02 0.72 -2.30	24.47 1.07 -1.94	29.54 1.22 -5.21	29.03 1.25 -4.52	27.87 1.29 -2.25	25.09 1.15 -0.54	22.59 1.05 0.00	21.20 0.89 0.00	20.29 0.86 -0.76
WARRENSBURG____ 23737	20.69 1.15 0.00	18.57 1.05 0.00	18.30 1.08 -0.10	19.22 0.93 -3.31	18.77 0.93 -2.86	18.85 1.15 0.00	20.01 1.21 -0.48	20.96 1.24 -2.97	21.94 0.95 -5.73	22.75 1.10 -6.33	22.26 0.97 -6.15	21.87 0.94 -5.77	22.14 0.91 -5.46	21.78 0.86 -4.28	21.24 0.86 -3.57	22.05 0.90 -3.16	25.37 1.24 -2.66	31.50 1.25 -7.15	30.79 1.32 -6.21	28.93 1.51 -3.09	25.98 1.83 -0.75	22.91 1.38 0.00	21.69 1.38 0.00	20.98 1.27 -1.04
WATERSIDE____6 8 9 23538	20.59 1.06 0.00	18.46 0.95 0.00	18.06 0.86 -0.07	18.19 0.67 -2.54	17.87 0.69 -2.19	18.55 0.85 0.00	19.66 0.97 -0.37	20.00 0.97 -2.28	20.46 0.81 -4.39	21.02 0.84 -4.85	20.62 0.77 -4.71	20.35 0.77 -4.42	20.82 0.87 -4.18	20.83 0.92 -3.28	20.54 0.99 -2.74	21.48 1.06 -2.43	25.05 1.55 -2.04	30.25 1.66 -5.48	29.67 1.65 -4.77	28.38 1.68 -2.37	25.40 1.43 -0.57	22.89 1.36 0.00	21.49 1.18 0.00	20.57 1.10 -0.80
WATKINRD_115KV_LN8_ILLION 55919	19.66 0.12 0.00	17.62 0.11 0.00	17.21 0.09 0.00	15.04 0.06 0.00	15.06 0.07 0.00	17.77 0.07 0.00	18.39 0.07 0.00	16.78 0.03 0.00	15.25 -0.02 0.00	15.31 -0.02 0.00	15.12 -0.02 0.00	15.13 -0.03 0.00	15.72 -0.05 0.00	16.60 -0.03 0.00	16.76 -0.05 0.00	17.94 -0.05 0.00	21.44 -0.02 0.00	23.11 0.00 0.00	23.28 0.02 0.00	24.36 0.02 0.00	23.43 0.02 0.00	21.57 0.04 0.00	20.33 0.02 0.00	18.71 0.04 0.00
WATSON__69_KV_BK 1 55734	21.26 1.72 0.00	18.99 1.47 0.00	18.50 1.30 -0.07	18.57 1.05 -2.54	18.24 1.06 -2.19	19.03 1.33 0.00	20.13 1.45 -0.37	20.44 1.41 -2.28	20.88 1.22 -4.39	21.48 1.30 -4.85	21.20 1.35 -4.72	20.95 1.35 -4.44	21.38 1.42 -4.19	21.72 1.53 -3.55	23.92 1.61 -5.50	24.78 1.76 -5.02	27.07 2.45 -3.16	33.09 2.61 -7.38	33.64 2.63 -7.76	45.28 2.75 -18.20	27.36 2.53 -1.43	25.20 2.26 -1.41	24.00 2.13 -1.56	21.26 1.79 -0.80
WDELAWARE__HYD 323627	20.18 0.64 0.00	18.06 0.54 0.00	17.67 0.48 -0.06	17.45 0.37 -2.09	17.18 0.39 -1.80	18.15 0.44 0.00	19.15 0.53 -0.30	19.15 0.52 -1.88	19.23 0.35 -3.62	19.67 0.35 -3.99	19.29 0.27 -3.88	19.06 0.26 -3.64	19.04 -0.17 -3.45	19.17 -0.17 -2.70	18.93 -0.14 -2.26	19.90 -0.09 -2.00	23.29 0.15 -1.68	27.87 0.25 -4.51	27.50 0.33 -3.92	26.62 0.34 -1.95	24.72 0.84 -0.47	22.33 0.80 0.00	20.92 0.61 0.00	19.92 0.60 -0.66

WEST BABYLON___IC 23714	21.16 1.62 0.00	18.90 1.38 0.00	18.42 1.22 -0.07	18.49 0.97 -2.54	18.15 0.97 -2.19	18.92 1.22 0.00	20.02 1.34 -0.37	20.35 1.32 -2.28	20.80 1.14 -4.39	21.42 1.24 -4.85	21.13 1.27 -4.72	20.87 1.27 -4.44	21.31 1.36 -4.19	21.63 1.45 -3.55	23.83 1.53 -5.50	24.67 1.66 -5.02	26.11 2.30 -2.34	32.93 2.47 -7.35	33.45 2.47 -7.73	33.36 2.55 -6.47	26.55 2.34 -0.81	25.07 2.13 -1.41	23.88 2.01 -1.56	21.17 1.70 -0.80
WEST CANADA___HYD 24049	19.58 0.04 0.00	17.55 0.04 0.00	17.16 0.03 0.00	15.00 0.01 0.00	15.01 0.03 0.00	17.74 0.04 0.00	18.33 0.02 0.00	16.77 0.02 0.00	15.25 -0.02 0.00	15.31 -0.02 0.00	15.12 -0.02 0.00	15.13 -0.03 0.00	15.74 -0.03 0.00	16.62 -0.02 0.00	16.78 -0.03 0.00	17.96 -0.04 0.00	21.46 0.00 0.00	23.13 0.02 0.00	23.28 0.02 0.00	24.36 0.02 0.00	23.43 0.02 0.00	21.55 0.02 0.00	20.33 0.02 0.00	18.69 0.02 0.00
WESTERN_NY_WIND 24143	19.79 0.25 0.00	17.76 0.25 0.00	17.34 0.21 -0.01	15.34 0.18 -0.18	15.35 0.21 -0.15	18.02 0.32 0.00	18.40 0.06 -0.03	16.81 -0.10 -0.16	15.50 -0.11 -0.34	15.50 -0.20 -0.37	15.38 -0.12 -0.36	15.39 -0.11 -0.34	16.05 -0.05 -0.32	16.91 0.02 -0.25	17.05 0.03 -0.21	18.23 0.05 -0.19	21.59 -0.02 -0.14	23.72 0.23 -0.38	23.77 0.19 -0.33	24.69 0.19 -0.16	23.82 0.37 -0.04	21.77 0.24 0.00	20.55 0.24 0.00	18.86 0.13 -0.06
WESTOVER___LESR 323668	19.71 0.18 0.00	17.67 0.16 0.00	17.29 0.15 -0.01	15.47 0.09 -0.39	15.41 0.09 -0.34	17.88 0.18 0.00	18.47 0.09 -0.06	17.17 0.07 -0.35	15.97 0.00 -0.70	16.05 -0.05 -0.78	15.85 -0.05 -0.75	15.83 -0.03 -0.71	16.42 -0.02 -0.67	17.16 0.00 -0.52	17.26 0.02 -0.44	18.42 0.04 -0.39	21.94 0.15 -0.33	24.28 0.30 -0.88	24.30 0.28 -0.76	25.03 0.32 -0.38	23.85 0.35 -0.09	21.87 0.34 0.00	20.59 0.28 0.00	18.93 0.13 -0.13
WETHRSFD_WT_PWR 323626	19.60 0.06 0.00	17.61 0.09 0.00	17.26 0.12 -0.01	15.23 0.01 -0.23	15.20 0.01 -0.20	17.84 0.14 0.00	18.31 -0.04 -0.03	16.69 -0.27 -0.21	15.45 -0.24 -0.43	15.47 -0.32 -0.47	15.34 -0.26 -0.46	15.36 -0.23 -0.43	15.99 -0.19 -0.41	16.81 -0.15 -0.32	16.94 -0.14 -0.27	18.10 -0.13 -0.24	21.41 -0.24 -0.18	23.55 -0.05 -0.49	23.59 -0.09 -0.43	24.42 -0.12 -0.21	23.55 0.09 -0.05	21.64 0.11 0.00	20.43 0.12 0.00	18.65 -0.09 -0.07
WHAVSTOR_138KV_BK127 55557	20.44 0.90 0.00	18.32 0.81 0.00	17.95 0.75 -0.07	17.97 0.60 -2.39	17.67 0.61 -2.07	18.45 0.74 0.00	19.51 0.84 -0.35	19.70 0.80 -2.15	20.06 0.66 -4.14	20.57 0.67 -4.57	20.20 0.62 -4.44	19.95 0.62 -4.17	20.39 0.68 -3.95	20.45 0.72 -3.09	20.17 0.77 -2.58	21.12 0.85 -2.29	24.61 1.22 -1.92	29.64 1.36 -5.17	29.10 1.35 -4.49	27.93 1.36 -2.24	25.14 1.19 -0.54	22.65 1.12 0.00	21.28 0.97 0.00	20.34 0.91 -0.75
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	20.44 0.90 0.00	18.32 0.81 0.00	17.95 0.75 -0.07	17.97 0.60 -2.39	17.67 0.61 -2.07	18.45 0.74 0.00	19.51 0.84 -0.35	19.70 0.80 -2.15	20.06 0.66 -4.14	20.57 0.67 -4.57	20.20 0.62 -4.44	19.95 0.62 -4.17	20.39 0.68 -3.95	20.45 0.72 -3.09	20.17 0.77 -2.58	21.12 0.85 -2.29	24.61 1.22 -1.92	29.64 1.36 -5.17	29.10 1.35 -4.49	27.93 1.36 -2.24	25.14 1.19 -0.54	22.65 1.12 0.00	21.28 0.97 0.00	20.34 0.91 -0.75
WHITEHAL_115KV_TB1 80871	21.00 1.47 0.00	18.85 1.33 0.00	18.56 1.34 -0.10	19.43 1.14 -3.31	18.97 1.12 -2.86	19.12 1.42 0.00	20.28 1.48 -0.48	21.30 1.57 -2.97	22.19 1.21 -5.72	23.07 1.42 -6.32	22.58 1.30 -6.14	22.17 1.24 -5.77	22.42 1.20 -5.45	22.09 1.18 -4.28	21.54 1.16 -3.57	22.38 1.22 -3.16	25.80 1.67 -2.66	31.89 1.64 -7.15	31.26 1.79 -6.21	29.44 2.02 -3.09	26.54 2.39 -0.75	23.32 1.79 0.00	22.02 1.71 0.00	21.26 1.55 -1.04
WHITEPLN_13_KV_LOAD 356215	20.67 1.13 0.00	18.53 1.02 0.00	18.14 0.94 -0.07	18.27 0.76 -2.53	17.93 0.76 -2.18	18.68 0.97 0.00	19.77 1.08 -0.37	20.08 1.06 -2.27	20.51 0.87 -4.37	21.06 0.90 -4.83	20.68 0.85 -4.70	20.41 0.85 -4.41	20.85 0.91 -4.17	20.87 0.96 -3.27	20.56 1.03 -2.73	21.54 1.13 -2.42	25.13 1.63 -2.03	30.37 1.80 -5.46	29.79 1.79 -4.75	28.52 1.82 -2.36	25.54 1.57 -0.57	22.99 1.46 0.00	21.59 1.28 0.00	20.66 1.19 -0.79
WM_FLOYD_69_KV_BK2 356380	21.20 1.66 0.00	18.97 1.45 0.00	18.47 1.27 -0.07	18.54 1.02 -2.54	18.21 1.03 -2.19	19.00 1.29 0.00	20.10 1.41 -0.37	20.40 1.37 -2.28	20.83 1.18 -4.39	21.43 1.26 -4.85	21.14 1.29 -4.72	20.89 1.29 -4.44	21.31 1.36 -4.19	21.65 1.46 -3.55	23.87 1.56 -5.50	24.74 1.73 -5.02	28.18 2.43 -4.29	33.11 2.59 -7.41	33.65 2.60 -7.79	61.51 2.73 -34.45	28.22 2.53 -2.29	25.18 2.24 -1.41	23.98 2.11 -1.56	21.22 1.76 -0.80
WOODARD___115KV_TB2 355635	19.42 -0.12 0.00	17.43 -0.09 0.00	17.03 -0.10 0.00	15.01 -0.09 -0.11	15.01 -0.07 -0.10	17.61 -0.09 0.00	18.24 -0.09 -0.02	16.77 -0.08 -0.10	15.26 -0.23 -0.23	15.30 -0.28 -0.25	15.12 -0.26 -0.24	15.14 -0.24 -0.23	15.75 -0.24 -0.22	16.57 -0.23 -0.17	16.72 -0.24 -0.14	17.87 -0.25 -0.13	21.46 -0.11 -0.11	23.37 -0.02 -0.28	23.50 0.00 -0.25	24.48 0.02 -0.12	23.48 0.05 -0.03	21.55 0.02 0.00	20.29 -0.02 0.00	18.66 -0.06 -0.04
YORK___WARBASSE 23770	20.59 1.06 0.00	18.45 0.93 0.00	18.02 0.82 -0.07	18.18 0.66 -2.54	17.84 0.66 -2.19	18.52 0.81 0.00	19.64 0.95 -0.37	20.00 0.97 -2.28	20.46 0.81 -4.39	21.02 0.84 -4.85	20.62 0.77 -4.71	20.37 0.79 -4.42	20.82 0.87 -4.18	20.83 0.92 -3.28	20.56 1.01 -2.74	21.52 1.10 -2.43	25.09 1.59 -2.04	30.32 1.73 -5.48	29.74 1.72 -4.77	28.46 1.75 -2.37	25.43 1.45 -0.57	22.93 1.40 0.00	21.49 1.18 0.00	20.57 1.10 -0.80