

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

06/17/2023

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	22.59	19.73	18.60	17.69	17.03	17.75	19.08	20.14	21.86	22.31	23.30	24.89	25.23	26.03	25.96	23.89	27.12	28.47	27.12	26.70	24.58	23.99	22.24	21.12
24138	1.42	1.17	1.08	0.92	1.01	1.05	1.14	1.12	1.39	1.40	1.41	1.43	1.49	1.45	1.62	1.85	1.92	2.11	2.31	2.23	1.95	1.92	1.70	1.36
	-2.78	-3.32	-3.08	-3.98	-1.76	-1.90	-2.76	-3.82	-2.65	-2.99	-3.51	-5.08	-5.37	-6.46	-5.91	-2.15	-4.95	-3.93	0.00	0.00	0.00	0.00	0.00	-1.41
74TH STREET_GT_1	22.59	19.73	18.60	17.72	17.04	17.75	19.08	20.14	21.84	22.29	23.30	24.89	25.23	26.03	25.96	23.87	27.10	28.45	27.12	26.70	24.58	23.99	22.36	21.12
24260	1.42	1.17	1.08	0.95	1.03	1.05	1.14	1.12	1.37	1.38	1.41	1.43	1.49	1.45	1.62	1.83	1.90	2.09	2.31	2.23	1.95	1.92	1.83	1.36
	-2.78	-3.32	-3.08	-3.98	-1.76	-1.90	-2.76	-3.82	-2.65	-2.99	-3.51	-5.08	-5.37	-6.46	-5.91	-2.15	-4.95	-3.93	0.00	0.00	0.00	0.00	0.00	-1.41
74TH STREET_GT_2	22.59	19.73	18.60	17.72	17.04	17.75	19.08	20.14	21.84	22.29	23.30	24.89	25.23	26.03	25.96	23.87	27.10	28.45	27.12	26.70	24.58	23.99	22.36	21.12
24261	1.42	1.17	1.08	0.95	1.03	1.05	1.14	1.12	1.37	1.38	1.41	1.43	1.49	1.45	1.62	1.83	1.90	2.09	2.31	2.23	1.95	1.92	1.83	1.36
	-2.78	-3.32	-3.08	-3.98	-1.76	-1.90	-2.76	-3.82	-2.65	-2.99	-3.51	-5.08	-5.37	-6.46	-5.91	-2.15	-4.95	-3.93	0.00	0.00	0.00	0.00	0.00	-1.41
ADK HUDSON___FALLS	23.18	20.46	19.29	18.69	17.44	18.17	19.67	21.07	22.46	24.11	25.47	28.56	28.00	30.67	27.92	23.76	27.83	28.92	28.19	26.24	24.33	23.68	21.95	21.66
24011	1.23	0.97	0.91	0.81	0.93	0.95	0.96	0.97	1.25	1.31	1.29	1.25	1.16	1.12	1.07	1.15	1.32	1.50	1.76	1.76	1.70	1.61	1.42	1.52
	-3.55	-4.26	-3.94	-5.09	-2.26	-2.43	-3.54	-4.90	-3.40	-4.88	-5.81	-8.93	-8.47	-11.42	-8.42	-2.72	-6.27	-4.98	-1.62	0.00	0.00	0.00	0.00	-1.78
ADK RESOURCE___RCVRY	23.31	20.55	19.38	18.76	17.53	18.25	19.76	21.14	22.57	24.16	25.51	28.56	28.01	30.62	27.95	23.84	27.92	29.05	28.23	26.38	24.49	23.83	22.55	21.80
23798	1.36	1.07	1.00	0.87	1.01	1.02	1.05	1.05	1.35	1.42	1.40	1.38	1.25	1.23	1.14	1.23	1.40	1.64	1.88	1.91	1.86	1.77	2.01	1.65
	-3.56	-4.26	-3.95	-5.09	-2.26	-2.44	-3.53	-4.89	-3.40	-4.82	-5.74	-8.81	-8.39	-11.26	-8.37	-2.72	-6.27	-4.99	-1.54	0.00	0.00	0.00	0.00	-1.79
ADK S GLENS___FALLS	23.18	20.46	19.29	18.69	17.44	18.17	19.67	21.07	22.46	24.11	25.47	28.56	28.00	30.67	27.92	23.76	27.83	28.92	28.19	26.24	24.33	23.68	21.95	21.66
24028	1.23	0.97	0.91	0.81	0.93	0.95	0.96	0.97	1.25	1.31	1.29	1.25	1.16	1.12	1.07	1.15	1.32	1.50	1.76	1.76	1.70	1.61	1.42	1.52
	-3.55	-4.26	-3.94	-5.09	-2.26	-2.43	-3.54	-4.90	-3.40	-4.88	-5.81	-8.93	-8.47	-11.42	-8.42	-2.72	-6.27	-4.98	-1.62	0.00	0.00	0.00	0.00	-1.78
ADK_NYS___DAM	22.96	20.26	19.11	18.45	17.27	18.01	19.48	20.84	22.30	24.85	26.50	30.62	29.35	33.45	28.69	23.87	27.66	28.72	29.62	26.09	24.13	23.52	21.91	21.14
23527	1.14	0.93	0.88	0.75	0.84	0.87	0.90	0.93	1.21	1.22	1.21	1.21	1.19	1.18	1.24	1.35	1.36	1.48	1.69	1.61	1.49	1.46	1.38	1.06
	-3.42	-4.10	-3.80	-4.90	-2.18	-2.35	-3.40	-4.71	-3.27	-5.70	-6.91	-11.03	-9.78	-14.15	-9.02	-2.63	-6.05	-4.81	-3.13	0.00	0.00	0.00	0.00	-1.73
AIR_PRODUCTS___DRP	22.31	19.73	18.65	18.17	16.95	17.67	19.11	20.43	21.61	20.94	21.59	22.16	23.49	22.73	25.10	23.11	26.88	27.89	23.64	25.18	23.29	22.71	21.21	20.56
24190	0.48	0.38	0.40	0.45	0.51	0.52	0.52	0.50	0.52	0.54	0.51	0.50	0.50	0.49	0.53	0.60	0.59	0.65	0.72	0.71	0.66	0.64	0.68	0.48
	-3.44	-4.12	-3.82	-4.92	-2.19	-2.36	-3.41	-4.72	-3.28	-2.48	-2.70	-3.29	-4.62	-4.11	-6.13	-2.62	-6.05	-4.81	1.89	0.00	0.00	0.00	0.00	-1.73
AKWESSNE_115KV_BK	18.02	14.92	14.16	12.52	13.94	14.50	14.91	14.94	17.49	17.59	17.99	17.95	17.95	17.75	17.95	19.37	19.74	21.89	24.11	23.81	22.02	21.45	20.00	17.99
355683	-0.37	-0.30	-0.27	-0.27	-0.31	-0.30	-0.27	-0.26	-0.32	-0.34	-0.39	-0.42	-0.42	-0.38	-0.48	-0.52	-0.51	-0.54	-0.69	-0.66	-0.61	-0.62	-0.53	-0.37
	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	22.31	19.73	18.65	18.17	16.95	17.67	19.11	20.43	21.61	20.94	21.59	22.16	23.49	22.73	25.10	23.11	26.88	27.89	23.64	25.18	23.29	22.71	21.21	20.56
23571	0.48	0.38	0.40	0.45	0.51	0.52	0.52	0.50	0.52	0.54	0.51	0.50	0.50	0.49	0.53	0.60	0.59	0.65	0.72	0.71	0.66	0.64	0.68	0.48
	-3.44	-4.12	-3.82	-4.92	-2.19	-2.36	-3.41	-4.72	-3.28	-2.48	-2.70	-3.29	-4.62	-4.11	-6.13	-2.62	-6.05	-4.81	1.89	0.00	0.00	0.00	0.00	-1.73
ALBANY___2	22.31	19.73	18.65	18.17	16.95	17.67	19.11	20.43	21.61	20.94	21.59	22.16	23.49	22.73	25.10	23.11	26.88	27.89	23.64	25.18	23.29	22.71	21.21	20.56
23572	0.48	0.38	0.40	0.45	0.51	0.52	0.52	0.50	0.52	0.54	0.51	0.50	0.50	0.49	0.53	0.60	0.59	0.65	0.72	0.71	0.66	0.64	0.68	0.48
	-3.44	-4.12	-3.82	-4.92	-2.19	-2.36	-3.41	-4.72	-3.28	-2.48	-2.70	-3.29	-4.62	-4.11	-6.13	-2.62	-6.05	-4.81	1.89	0.00	0.00	0.00	0.00	-1.73
ALBANY___3	22.31	19.73	18.65	18.17	16.95	17.67	19.11	20.43	21.61	20.94	21.59	22.16	23.49	22.73	25.10	23.11	26.88	27.89	23.64	25.18	23.29	22.71	21.21	20.56
23573	0.48	0.38	0.40	0.45	0.51	0.52	0.52	0.50	0.52	0.54	0.51	0.50	0.50	0.49	0.53	0.60	0.59	0.65	0.72	0.71	0.66	0.64	0.68	0.48
	-3.44	-4.12	-3.82	-4.92	-2.19	-2.36	-3.41	-4.72	-3.28	-2.48	-2.70	-3.29	-4.62	-4.11	-6.13	-2.62	-6.05	-4.81	1.89	0.00	0.00	0.00	0.00	-1.73

ALBANY___4 23574	22.31 0.48 -3.44	19.73 0.38 -4.12	18.65 0.40 -3.82	18.17 0.45 -4.92	16.95 0.51 -2.19	17.67 0.52 -2.36	19.11 0.52 -3.41	20.43 0.50 -4.72	21.61 0.52 -3.28	20.94 0.54 -2.48	21.59 0.51 -2.70	22.16 0.50 -3.29	23.49 0.50 -4.62	22.73 0.49 -4.11	25.10 0.53 -6.13	23.11 0.60 -2.62	26.88 0.59 -6.05	27.89 0.65 -4.81	23.64 0.72 1.89	25.18 0.71 0.00	23.29 0.66 0.00	22.71 0.64 0.00	21.21 0.68 0.00	20.56 0.48 -1.73
ALBANY___LFGE 323615	22.52 0.66 -3.47	19.90 0.52 -4.16	18.82 0.53 -3.85	18.30 0.54 -4.97	17.09 0.63 -2.21	17.81 0.64 -2.38	19.25 0.62 -3.45	20.60 0.62 -4.77	21.82 0.69 -3.32	21.21 0.72 -2.57	21.88 0.70 -2.81	22.55 0.70 -3.48	23.82 0.68 -4.76	23.14 0.67 -4.35	25.40 0.72 -6.25	23.34 0.80 -2.65	27.14 0.79 -6.11	28.16 0.87 -4.85	23.97 0.97 1.81	25.43 0.95 0.00	23.52 0.88 0.00	22.93 0.86 0.00	21.40 0.86 0.00	20.74 0.64 -1.74
ALCOA_PA_115KV_PL-6C 55860	18.08 -0.31 0.00	14.97 -0.26 0.00	14.20 -0.23 0.00	12.55 -0.24 0.00	13.98 -0.27 0.00	14.54 -0.25 0.00	14.97 -0.21 0.00	15.00 -0.20 0.00	17.56 -0.25 0.00	17.66 -0.27 0.00	18.06 -0.31 0.00	18.01 -0.37 0.00	18.01 -0.37 0.00	17.80 -0.33 0.00	18.01 -0.42 0.00	19.43 -0.46 0.00	19.80 -0.45 0.00	21.98 -0.45 0.00	24.19 -0.62 0.00	23.89 -0.59 0.00	22.09 -0.54 0.00	21.54 -0.53 0.00	20.06 -0.47 0.00	18.04 -0.31 0.00
ALCOA_RYNLDS___DRP 24188	18.08 -0.31 0.00	14.97 -0.26 0.00	14.20 -0.23 0.00	12.55 -0.24 0.00	13.98 -0.27 0.00	14.54 -0.25 0.00	14.97 -0.21 0.00	15.00 -0.20 0.00	17.56 -0.25 0.00	17.66 -0.27 0.00	18.06 -0.31 0.00	18.01 -0.37 0.00	18.01 -0.37 0.00	17.80 -0.33 0.00	18.01 -0.42 0.00	19.43 -0.46 0.00	19.80 -0.45 0.00	21.98 -0.45 0.00	24.19 -0.62 0.00	23.89 -0.59 0.00	22.09 -0.54 0.00	21.54 -0.53 0.00	20.06 -0.47 0.00	18.04 -0.31 0.00
ALCOA___DSASP 323711	18.06 -0.33 0.00	14.97 -0.26 0.00	14.20 -0.23 0.00	12.55 -0.24 0.00	13.98 -0.27 0.00	14.54 -0.25 0.00	14.97 -0.21 0.00	15.00 -0.20 0.00	17.56 -0.25 0.00	17.66 -0.27 0.00	18.06 -0.31 0.00	18.03 -0.35 0.00	18.01 -0.37 0.00	17.80 -0.33 0.00	18.01 -0.42 0.00	19.43 -0.46 0.00	19.80 -0.45 0.00	21.98 -0.45 0.00	24.19 -0.62 0.00	23.89 -0.59 0.00	22.09 -0.54 0.00	21.54 -0.53 0.00	20.06 -0.47 0.00	18.04 -0.31 0.00
ALLEGHENY___COGEN 23514	19.32 0.44 -0.49	16.04 0.23 -0.58	15.20 0.23 -0.54	13.78 0.29 -0.70	14.92 0.36 -0.31	15.42 0.30 -0.33	15.86 0.20 -0.48	15.99 0.12 -0.67	18.14 -0.14 -0.47	17.97 -0.48 -0.52	18.30 -0.68 -0.61	18.56 -0.70 -0.88	18.57 -0.74 -0.93	18.34 -0.91 -1.12	18.63 -0.83 -1.02	19.55 -0.72 -0.37	20.52 -0.59 -0.86	22.71 -0.40 -0.68	24.96 0.15 0.00	25.23 0.76 0.00	23.63 0.99 0.00	22.99 0.93 0.00	21.38 0.84 0.00	19.00 0.40 -0.24
ALTAMONT_115KV_TB 2 55880	22.51 0.68 -3.44	19.91 0.56 -4.12	18.78 0.53 -3.82	18.22 0.50 -4.92	16.99 0.56 -2.19	17.73 0.58 -2.36	19.17 0.58 -3.42	20.50 0.58 -4.73	21.79 0.69 -3.28	21.74 0.70 -3.11	22.62 0.72 -3.53	23.91 0.72 -4.82	24.71 0.70 -5.64	24.90 0.69 -6.09	25.89 0.76 -6.70	23.35 0.84 -2.62	27.15 0.85 -6.05	28.18 0.94 -4.81	24.97 1.07 0.90	25.53 1.05 0.00	23.58 0.95 0.00	23.02 0.95 0.00	21.44 0.90 0.00	20.76 0.68 -1.72
ALTONA_WT_PWR 323606	18.43 0.04 0.00	15.28 0.05 0.00	14.49 0.06 0.00	12.86 0.06 0.00	14.33 0.07 0.00	14.84 0.04 0.00	15.30 0.12 0.00	15.34 0.14 0.00	17.94 0.13 0.00	18.00 0.07 0.00	18.39 0.02 0.00	18.34 -0.04 0.00	18.30 -0.07 0.00	18.09 -0.04 0.00	18.32 -0.11 0.00	19.77 -0.12 0.00	20.21 -0.04 0.00	22.43 0.00 0.00	24.66 -0.15 0.00	24.33 -0.15 0.00	22.52 -0.11 0.00	21.96 -0.11 0.00	20.47 -0.06 0.00	18.37 0.02 0.00
AMERICAN_REF_FUEL 24010	18.08 -0.75 -0.44	14.93 -0.82 -0.53	14.23 -0.69 -0.49	12.90 -0.53 -0.63	13.98 -0.56 -0.28	14.49 -0.61 -0.30	14.87 -0.74 -0.44	15.06 -0.74 -0.60	17.09 -1.14 -0.42	17.36 -1.04 -0.47	17.86 -1.07 -0.55	18.10 -1.07 -0.79	18.13 -1.08 -0.84	18.00 -1.14 -1.01	18.38 -0.98 -0.92	19.31 -0.91 -0.34	20.15 -0.87 -0.77	22.01 -1.03 -0.62	23.79 -1.02 0.00	23.71 -0.76 0.00	22.04 -0.59 0.00	21.45 -0.62 0.00	19.96 -0.57 0.00	17.73 -0.84 -0.22
ARKWRIGHT___SUMMIT_WT_PWR 323751	18.65 -0.24 -0.50	15.44 -0.38 -0.59	14.71 -0.27 -0.55	13.38 -0.13 -0.71	14.47 -0.10 -0.32	14.98 -0.15 -0.34	15.43 -0.24 -0.49	15.64 -0.24 -0.68	17.79 -0.50 -0.47	18.05 -0.41 -0.53	18.55 -0.44 -0.62	18.79 -0.48 -0.90	18.77 -0.55 -0.95	18.60 -0.67 -1.14	19.00 -0.48 -1.04	19.93 -0.34 -0.38	20.88 -0.24 -0.87	22.81 -0.31 -0.70	24.83 0.02 0.00	24.86 0.39 0.00	23.11 0.48 0.00	22.53 0.46 0.00	20.86 0.33 0.00	18.38 -0.22 -0.25
ARTHUR_KILL_GT_1 23520	22.70 1.53 -2.78	19.81 1.25 -3.33	18.66 1.14 -3.09	17.74 0.96 -3.98	17.08 1.05 -1.77	17.76 1.07 -1.90	19.05 1.11 -2.76	20.05 1.03 -3.82	21.73 1.26 -2.65	22.13 1.22 -2.99	23.17 1.29 -3.51	24.78 1.32 -5.08	25.14 1.40 -5.37	26.00 1.40 -6.48	25.89 1.53 -5.93	23.83 1.79 -2.15	30.42 1.80 -8.37	30.43 1.97 -6.02	30.43 2.16 -3.47	26.63 2.15 0.00	24.49 1.86 0.00	23.92 1.85 0.00	22.20 1.66 0.00	21.18 1.41 -1.41
ARTHUR_KILL_2 23512	22.65 1.47 -2.78	19.76 1.20 -3.33	18.63 1.11 -3.09	17.71 0.93 -3.98	17.04 1.01 -1.77	17.73 1.04 -1.90	19.02 1.08 -2.76	20.02 1.00 -3.82	21.68 1.21 -2.65	22.10 1.18 -2.99	23.13 1.25 -3.51	24.72 1.27 -5.08	25.09 1.34 -5.37	25.95 1.34 -6.48	25.84 1.48 -5.93	23.77 1.73 -2.15	30.36 1.74 -8.37	30.36 1.91 -6.02	30.36 2.08 -3.47	26.58 2.11 0.00	24.42 1.79 0.00	23.85 1.79 0.00	22.16 1.62 0.00	21.12 1.36 -1.41
ARTHUR_KILL_3 23513	22.44 1.27 -2.78	19.60 1.05 -3.32	18.48 0.97 -3.08	17.59 0.82 -3.98	16.90 0.88 -1.76	17.63 0.93 -1.90	18.96 1.02 -2.76	20.02 1.00 -3.82	21.71 1.25 -2.65	22.15 1.24 -2.99	23.15 1.27 -3.51	24.74 1.29 -5.08	25.09 1.34 -5.37	25.90 1.31 -6.47	25.85 1.49 -5.92	23.73 1.69 -2.15	30.39 1.78 -8.36	30.38 1.93 -6.02	30.40 2.13 -3.46	26.50 2.03 0.00	24.42 1.79 0.00	23.81 1.74 0.00	22.06 1.52 0.00	20.96 1.19 -1.41
ARTHUR_KILL_COGEN 323718	22.70 1.53 -2.78	19.81 1.25 -3.33	18.66 1.14 -3.09	17.74 0.96 -3.98	17.08 1.05 -1.77	17.76 1.07 -1.90	19.05 1.11 -2.76	20.05 1.03 -3.82	21.73 1.26 -2.65	22.13 1.22 -2.99	23.17 1.29 -3.51	24.78 1.32 -5.08	25.14 1.40 -5.37	26.00 1.40 -6.48	25.89 1.53 -5.93	23.83 1.79 -2.15	30.42 1.80 -8.37	30.43 1.97 -6.02	30.43 2.16 -3.47	26.63 2.15 0.00	24.49 1.86 0.00	23.92 1.85 0.00	22.20 1.66 0.00	21.18 1.41 -1.41
ASHOKAN____ 23654	21.96 0.48 -3.09	19.26 0.32 -3.71	18.19 0.32 -3.44	17.46 0.23 -4.43	16.46 0.24 -1.97	17.21 0.30 -2.12	18.60 0.35 -3.08	19.79 0.33 -4.26	21.16 0.39 -2.96	22.00 1.27 -2.80	22.75 1.19 -3.18	23.87 1.16 -4.34	24.58 1.12 -5.08	24.75 1.14 -5.48	25.71 1.24 -6.05	22.68 0.42 -2.37	26.14 0.43 -5.46	27.36 0.58 -4.34	25.90 1.91 0.82	25.67 1.20 0.00	23.83 1.20 0.00	23.30 1.23 0.00	21.71 1.17 0.00	20.30 0.39 -1.56

ASTORIA_EAST_ENERGY_CC1 323581	22.57 1.40 -2.78	19.73 1.17 -3.33	18.61 1.08 -3.09	17.71 0.93 -3.98	17.07 1.04 -1.77	17.73 1.04 -1.90	19.00 1.06 -2.76	20.01 0.99 -3.82	21.62 1.16 -2.65	22.05 1.15 -2.98	23.03 1.16 -3.50	24.62 1.18 -5.07	24.97 1.23 -5.36	25.79 1.21 -6.45	25.71 1.38 -5.90	23.62 1.59 -2.14	26.81 1.62 -4.94	28.13 1.77 -3.93	26.76 1.96 0.01	26.35 1.88 0.01	24.26 1.63 0.01	23.68 1.61 0.00	22.03 1.50 0.00	21.09 1.32 -1.41
ASTORIA_EAST_ENERGY_CC2 323582	22.57 1.40 -2.78	19.73 1.17 -3.33	18.61 1.08 -3.09	17.71 0.93 -3.98	17.07 1.04 -1.77	17.73 1.04 -1.90	19.00 1.06 -2.76	20.01 0.99 -3.82	21.62 1.16 -2.65	22.05 1.15 -2.98	23.03 1.16 -3.50	24.62 1.18 -5.07	24.97 1.23 -5.36	25.79 1.21 -6.45	25.71 1.38 -5.90	23.62 1.59 -2.14	26.81 1.62 -4.94	28.13 1.77 -3.93	26.76 1.96 0.01	26.35 1.88 0.01	24.26 1.63 0.01	23.68 1.61 0.00	22.03 1.50 0.00	21.09 1.32 -1.41
ASTORIA_GT2_1 24094	22.57 1.40 -2.78	19.73 1.17 -3.33	18.62 1.10 -3.09	17.72 0.95 -3.98	17.07 1.04 -1.77	17.75 1.05 -1.90	19.02 1.08 -2.76	20.01 0.99 -3.82	21.64 1.18 -2.65	22.08 1.17 -2.99	23.04 1.16 -3.51	24.65 1.19 -5.08	24.99 1.25 -5.37	25.82 1.23 -6.46	25.72 1.38 -5.91	23.63 1.59 -2.15	26.84 1.64 -4.95	28.16 1.79 -3.93	26.77 1.96 0.00	26.36 1.88 0.00	24.29 1.65 0.00	23.68 1.61 0.00	22.30 1.77 0.00	21.11 1.34 -1.41
ASTORIA_GT2_2 24095	22.57 1.40 -2.78	19.73 1.17 -3.33	18.62 1.10 -3.09	17.72 0.95 -3.98	17.07 1.04 -1.77	17.75 1.05 -1.90	19.02 1.08 -2.76	20.01 0.99 -3.82	21.64 1.18 -2.65	22.08 1.17 -2.99	23.04 1.16 -3.51	24.65 1.19 -5.08	24.99 1.25 -5.37	25.82 1.23 -6.46	25.72 1.38 -5.91	23.63 1.59 -2.15	26.84 1.64 -4.95	28.16 1.79 -3.93	26.77 1.96 0.00	26.36 1.88 0.00	24.29 1.65 0.00	23.68 1.61 0.00	22.30 1.77 0.00	21.11 1.34 -1.41
ASTORIA_GT2_3 24096	22.57 1.40 -2.78	19.73 1.17 -3.33	18.62 1.10 -3.09	17.72 0.95 -3.98	17.07 1.04 -1.77	17.75 1.05 -1.90	19.02 1.08 -2.76	20.01 0.99 -3.82	21.64 1.18 -2.65	22.08 1.17 -2.99	23.04 1.16 -3.51	24.65 1.19 -5.08	24.99 1.25 -5.37	25.82 1.23 -6.46	25.72 1.38 -5.91	23.63 1.59 -2.15	26.84 1.64 -4.95	28.16 1.79 -3.93	26.77 1.96 0.00	26.36 1.88 0.00	24.29 1.65 0.00	23.68 1.61 0.00	22.30 1.77 0.00	21.11 1.34 -1.41
ASTORIA_GT2_4 24097	22.57 1.40 -2.78	19.73 1.17 -3.33	18.62 1.10 -3.09	17.72 0.95 -3.98	17.07 1.04 -1.77	17.75 1.05 -1.90	19.02 1.08 -2.76	20.01 0.99 -3.82	21.64 1.18 -2.65	22.08 1.17 -2.99	23.04 1.16 -3.51	24.65 1.19 -5.08	24.99 1.25 -5.37	25.82 1.23 -6.46	25.72 1.38 -5.91	23.63 1.59 -2.15	26.84 1.64 -4.95	28.16 1.79 -3.93	26.77 1.96 0.00	26.36 1.88 0.00	24.29 1.65 0.00	23.68 1.61 0.00	22.30 1.77 0.00	21.11 1.34 -1.41
ASTORIA_GT3_1 24098	22.57 1.40 -2.78	19.73 1.17 -3.33	18.62 1.10 -3.09	17.72 0.95 -3.98	17.07 1.04 -1.77	17.75 1.05 -1.90	19.02 1.08 -2.76	20.01 0.99 -3.82	21.64 1.18 -2.65	22.08 1.17 -2.99	23.04 1.16 -3.51	24.65 1.19 -5.08	24.99 1.25 -5.37	25.82 1.23 -6.46	25.72 1.38 -5.91	23.63 1.59 -2.15	26.84 1.64 -4.95	28.16 1.79 -3.93	26.77 1.96 0.00	26.36 1.88 0.00	24.29 1.65 0.00	23.68 1.61 0.00	22.30 1.77 0.00	21.11 1.34 -1.41
ASTORIA_GT3_2 24099	22.57 1.40 -2.78	19.73 1.17 -3.33	18.62 1.10 -3.09	17.72 0.95 -																				

ASTORIA_GT_10 24110	22.57 1.40 -2.78	19.72 1.16 -3.33	18.61 1.08 -3.09	17.71 0.93 -3.98	17.04 1.01 -1.77	17.73 1.04 -1.90	19.03 1.09 -2.76	20.07 1.05 -3.82	21.75 1.28 -2.65	22.19 1.27 -2.99	23.19 1.30 -3.51	24.78 1.32 -5.08	25.12 1.38 -5.37	25.94 1.36 -6.46	25.85 1.51 -5.91	23.77 1.73 -2.15	27.00 1.80 -4.95	28.34 1.97 -3.93	26.97 2.16 0.00	26.55 2.08 0.00	24.44 1.81 0.00	23.85 1.79 0.00	22.32 1.79 0.00	21.09 1.32 -1.41
ASTORIA_GT_11 24225	22.57 1.40 -2.78	19.72 1.16 -3.33	18.61 1.08 -3.09	17.71 0.93 -3.98	17.04 1.01 -1.77	17.73 1.04 -1.90	19.03 1.09 -2.76	20.07 1.05 -3.82	21.75 1.28 -2.65	22.19 1.27 -2.99	23.19 1.30 -3.51	24.78 1.32 -5.08	25.12 1.38 -5.37	25.94 1.36 -6.46	25.85 1.51 -5.91	23.77 1.73 -2.15	27.00 1.80 -4.95	28.34 1.97 -3.93	26.97 2.16 0.00	26.55 2.08 0.00	24.44 1.81 0.00	23.85 1.79 0.00	22.32 1.79 0.00	21.09 1.32 -1.41
ASTORIA_GT_12 24226	22.59 1.42 -2.78	19.73 1.17 -3.33	18.61 1.08 -3.09	17.71 0.93 -3.98	17.04 1.01 -1.77	17.73 1.04 -1.90	19.03 1.09 -2.76	20.07 1.05 -3.82	21.75 1.28 -2.65	22.19 1.27 -2.99	23.19 1.30 -3.51	24.78 1.32 -5.08	25.12 1.38 -5.37	25.94 1.36 -6.46	25.85 1.51 -5.91	23.77 1.73 -2.15	27.00 1.80 -4.95	28.34 1.97 -3.93	26.97 2.16 0.00	26.55 2.08 0.00	24.44 1.81 0.00	23.85 1.79 0.00	22.14 1.60 0.00	21.09 1.32 -1.41
ASTORIA_GT_13 24227	22.59 1.42 -2.78	19.73 1.17 -3.33	18.61 1.08 -3.09	17.71 0.93 -3.98	17.04 1.01 -1.77	17.73 1.04 -1.90	19.03 1.09 -2.76	20.07 1.05 -3.82	21.75 1.28 -2.65	22.19 1.27 -2.99	23.19 1.30 -3.51	24.78 1.32 -5.08	25.12 1.38 -5.37	25.94 1.36 -6.46	25.85 1.51 -5.91	23.77 1.73 -2.15	27.00 1.80 -4.95	28.34 1.97 -3.93	26.97 2.16 0.00	26.55 2.08 0.00	24.44 1.81 0.00	23.85 1.79 0.00	22.14 1.60 0.00	21.09 1.32 -1.41
ASTORIA_GT_5 24106	22.60 1.44 -2.78	19.76 1.20 -3.33	18.63 1.11 -3.09	17.74 0.96 -3.98	17.08 1.05 -1.77	17.76 1.07 -1.90	19.03 1.09 -2.76	20.02 1.00 -3.82	21.65 1.19 -2.65	22.09 1.18 -2.98	23.07 1.19 -3.50	24.66 1.21 -5.07	25.00 1.27 -5.36	25.83 1.25 -6.45	25.75 1.42 -5.90	23.66 1.63 -2.14	26.85 1.66 -4.94	28.17 1.82 -3.93	26.81 2.01 0.01	26.40 1.93 0.01	24.30 1.67 0.01	23.72 1.66 0.00	22.08 1.54 0.00	21.12 1.36 -1.41
ASTORIA_GT_7 24107	22.60 1.44 -2.78	19.76 1.20 -3.33	18.63 1.11 -3.09	17.74 0.96 -3.98	17.08 1.05 -1.77	17.76 1.07 -1.90	19.03 1.09 -2.76	20.02 1.00 -3.82	21.65 1.19 -2.65	22.09 1.18 -2.98	23.07 1.19 -3.50	24.66 1.21 -5.07	25.00 1.27 -5.36	25.83 1.25 -6.45	25.75 1.42 -5.90	23.66 1.63 -2.14	26.85 1.66 -4.94	28.17 1.82 -3.93	26.81 2.01 0.01	26.40 1.93 0.01	24.30 1.67 0.01	23.72 1.66 0.00	22.08 1.54 0.00	21.12 1.36 -1.41
ASTORIA_GT_8 24108	22.59 1.42 -2.78	19.77 1.20 -3.33	18.63 1.11 -3.09	17.74 0.96 -3.98	17.08 1.05 -1.77	17.76 1.07 -1.90	19.03 1.09 -2.76	20.02 1.00 -3.82	21.66 1.19 -2.65	22.10 1.18 -2.99	23.08 1.19 -3.51	24.67 1.21 -5.08	25.01 1.27 -5.37	25.83 1.25 -6.46	25.76 1.42 -5.91	23.67 1.63 -2.15	26.86 1.66 -4.95	28.18 1.82 -3.93	26.82 2.01 0.00	26.41 1.93 0.00	24.33 1.70 0.00	23.72 1.65 0.00	22.32 1.79 0.00	21.12 1.36 -1.41
ASTORIA___2 24149	22.57 1.40 -2.78	19.75 1.19 -3.33	18.62 1.10 -3.09	17.71 0.93 -3.98	17.07 1.04 -1.77	17.75 1.05 -1.90	19.02 1.08 -2.76	20.01 0.99 -3.82	21.63 1.18 -2.65	22.07 1.16 -2.98	23.03 1.16 -3.50	24.64 1.19 -5.07	24.99 1.25 -5.36	25.81 1.23 -6.45	25.71 1.38 -5.90	23.62 1.59 -2.14	26.83 1.64 -4.94	28.15 1.80 -3.93	26.76 1.96 0.01	26.35 1.88 0.01	24.28 1.65 0.01	23.68 1.61 0.00	22.06 1.52 0.00	21.10 1.34 -1.41
ASTORIA___3 23516	22.59 1.42 -2.78	19.73 1.17 -3.33	18.61 1.08 -3.09	17.71 0.93 -3.98	17.04 1.01 -1.77	17.73 1.04 -1.90	19.03 1.09 -2.76	20.07 1.05 -3.82	21.75 1.28 -2.65	22.19 1.27 -2.99	23.19 1.30 -3.51	24.78 1.32 -5.08	25.12 1.38 -5.37	25.94 1.36 -6.46	25.85 1.51 -5.91	23.77 1.73 -2.15	27.00 1.80 -4.95	28.34 1.97 -3.93	26.97 2.16 0.00	26.55 2.08 0.00	24.44 1.81 0.00	23.85 1.79 0.00	22.14 1.60 0.00	21.09 1.32 -1.41
ASTORIA___4 23517	22.57 1.40 -2.78	19.72 1.16 -3.33	18.61 1.08 -3.09	17.71 0.93 -3.98	17.04 1.01 -1.77	17.73 1.04 -1.90	19.03 1.09 -2.76	20.07 1.05 -3.82	21.75 1.28 -2.65	22.19 1.27 -2.99	23.19 1.30 -3.51	24.78 1.32 -5.08	25.12 1.38 -5.37	25.94 1.36 -6.46	25.85 1.51 -5.91	23.77 1.73 -2.15	27.00 1.80 -4.95	28.34 1.97 -3.93	26.97 2.16 0.00	26.55 2.08 0.00	24.44 1.81 0.00	23.85 1.79 0.00	22.32 1.79 0.00	21.09 1.32 -1.41
ASTORIA___5 23518	22.59 1.42 -2.78	19.73 1.17 -3.33	18.61 1.08 -3.09	17.71 0.93 -3.98	17.04 1.01 -1.77	17.73 1.04 -1.90	19.03 1.09 -2.76	20.07 1.05 -3.82	21.75 1.28 -2.65	22.19 1.27 -2.99	23.19 1.30 -3.51	24.78 1.32 -5.08	25.12 1.38 -5.37	25.94 1.36 -6.46	25.85 1.51 -5.91	23.77 1.73 -2.15	27.00 1.80 -4.95	28.34 1.97 -3.93	26.97 2.16 0.00	26.55 2.08 0.00	24.44 1.81 0.00	23.85 1.79 0.00	22.14 1.60 0.00	21.09 1.32 -1.41
AST_ENERGY_2_CC3 323677	22.37 1.29 -2.69	19.62 1.07 -3.32	18.50 0.98 -3.08	17.61 0.84 -3.98	16.93 0.91 -1.76	17.64 0.95 -1.90	18.96 1.02 -2.76	20.02 1.00 -3.82	21.70 1.25 -2.64	22.15 1.25 -2.97	22.62 1.27 -2.98	22.62 1.29 -2.96	22.62 1.34 -2.90	22.62 1.31 -3.19	22.62 1.48 -2.71	22.62 1.69 -1.04	22.62 1.76 -0.61	23.93 1.91 0.41	22.62 2.11 4.30	22.62 2.03 3.88	22.62 1.77 1.78	23.00 1.74 0.81	22.07 1.54 0.01	20.97 1.21 -1.40
AST_ENERGY_2_CC4 323678	22.37 1.29 -2.69	19.62 1.07 -3.32	18.50 0.98 -3.08	17.61 0.84 -3.98	16.93 0.91 -1.76	17.64 0.95 -1.90	18.96 1.02 -2.76	20.02 1.00 -3.82	21.70 1.25 -2.64	22.15 1.25 -2.97	22.62 1.27 -2.98	22.62 1.29 -2.96	22.62 1.34 -2.90	22.62 1.31 -3.19	22.62 1.48 -2.71	22.62 1.69 -1.04	22.62 1.76 -0.61	23.93 1.91 0.41	22.62 2.11 4.30	22.62 2.03 3.88	22.62 1.77 1.78	23.00 1.74 0.81	22.07 1.54 0.01	20.97 1.21 -1.40
ATHENS_STG_1 23668	22.28 0.79 -3.10	19.58 0.64 -3.71	18.48 0.61 -3.44	17.77 0.54 -4.44	16.82 0.60 -1.97	17.52 0.61 -2.12	18.90 0.64 -3.08	20.10 0.64 -4.26	21.56 0.78 -2.96	22.05 0.79 -3.34	23.07 0.85 -3.85	24.79 0.85 -5.57	25.13 0.86 -5.89	26.04 0.83 -7.08	25.85 0.94 -6.48	23.30 1.05 -2.35	26.75 1.07 -5.43	27.93 1.19 -4.31	26.12 1.31 0.00	25.77 1.30 0.00	23.79 1.15 0.00	23.21 1.15 0.00	21.58 1.05 0.00	20.71 0.81 -1.55
ATHENS_STG_2 23670	22.28 0.79 -3.10	19.58 0.64 -3.71	18.48 0.61 -3.44	17.77 0.54 -4.44	16.82 0.60 -1.97	17.52 0.61 -2.12	18.90 0.64 -3.08	20.10 0.64 -4.26	21.56 0.78 -2.96	22.05 0.79 -3.34	23.07 0.85 -3.85	24.79 0.85 -5.57	25.13 0.86 -5.89	26.04 0.83 -7.08	25.85 0.94 -6.48	23.30 1.05 -2.35	26.75 1.07 -5.43	27.93 1.19 -4.31	26.12 1.31 0.00	25.77 1.30 0.00	23.79 1.15 0.00	23.21 1.15 0.00	21.58 1.05 0.00	20.71 0.81 -1.55

ATHENS_STG_3 23677	22.28 0.79 -3.10	19.58 0.64 -3.71	18.48 0.61 -3.44	17.77 0.54 -4.44	16.82 0.60 -1.97	17.52 0.61 -2.12	18.90 0.64 -3.08	20.10 0.64 -4.26	21.56 0.78 -2.96	22.05 0.79 -3.34	23.07 0.85 -3.85	24.79 0.85 -5.57	25.13 0.86 -5.89	26.04 0.83 -7.08	25.85 0.94 -6.48	23.30 1.05 -2.35	26.75 1.07 -5.43	27.93 1.19 -4.31	26.12 1.31 0.00	25.77 1.30 0.00	23.79 1.15 0.00	23.21 1.15 0.00	21.58 1.05 0.00	20.71 0.81 -1.55
AUBURN____LFGE 323710	18.90 0.15 -0.36	15.72 0.06 -0.43	14.88 0.04 -0.40	13.46 0.15 -0.52	14.68 0.20 -0.23	15.13 0.09 -0.25	15.60 0.06 -0.36	15.77 0.08 -0.50	18.25 0.09 -0.35	18.40 0.09 -0.39	18.99 0.17 -0.45	19.23 0.20 -0.65	19.23 0.17 -0.69	19.10 0.15 -0.83	19.41 0.22 -0.76	20.42 0.26 -0.28	21.11 0.22 -0.64	23.21 0.27 -0.51	25.18 0.37 0.00	24.79 0.32 0.00	22.93 0.29 0.00	22.33 0.26 0.00	20.76 0.23 0.00	18.66 0.13 -0.18
BABYLON_RES_REC 323704	23.02 1.84 -2.79	20.07 1.51 -3.33	18.91 1.39 -3.09	18.02 1.24 -3.98	17.38 1.35 -1.77	18.08 1.38 -1.91	19.39 1.44 -2.77	20.47 1.44 -3.83	22.22 1.75 -2.66	22.66 1.74 -3.00	26.65 1.67 -6.60	26.94 1.67 -6.90	27.30 1.71 -7.22	27.95 1.67 -8.15	27.99 1.86 -7.70	27.63 2.11 -5.63	29.44 2.19 -7.01	31.54 2.40 -6.71	29.52 2.68 -2.03	28.06 2.59 -1.00	27.68 2.33 -2.71	27.67 2.29 -3.31	22.83 2.14 -0.16	21.59 1.80 -1.43
BABYLON__69_KV_BK2 356345	23.21 2.04 -2.78	20.22 1.66 -3.33	19.06 1.54 -3.08	18.13 1.36 -3.98	17.52 1.50 -1.77	18.25 1.55 -1.90	19.53 1.59 -2.76	20.63 1.61 -3.82	22.43 1.96 -2.65	22.87 1.95 -2.99	26.89 1.91 -6.60	27.20 1.93 -6.90	27.54 1.95 -7.22	28.20 1.92 -8.16	28.23 2.10 -7.70	27.89 2.37 -5.63	29.73 2.47 -7.01	31.86 2.71 -6.71	29.84 3.00 -2.03	28.41 2.94 -1.00	27.97 2.63 -2.71	27.96 2.58 -3.31	23.20 2.51 -0.16	21.81 2.02 -1.43
BARON_WINDS____WT_PWR 323822	18.86 -0.15 -0.62	15.71 -0.26 -0.74	14.92 -0.20 -0.69	13.54 -0.14 -0.89	14.52 -0.13 -0.39	15.05 -0.16 -0.42	15.57 -0.23 -0.61	15.81 -0.24 -0.85	17.98 -0.43 -0.59	18.20 -0.39 -0.67	18.76 -0.39 -0.77	19.05 -0.44 -1.12	19.10 -0.46 -1.18	18.99 -0.56 -1.42	19.33 -0.41 -1.30	20.07 -0.30 -0.47	21.10 -0.24 -1.09	23.03 -0.27 -0.87	24.81 0.00 0.00	24.67 0.19 0.00	22.91 0.27 0.00	22.29 0.22 0.00	20.68 0.14 0.00	18.43 -0.24 -0.31
BARRETT_IC_1 23704	22.88 1.69 -2.79	19.97 1.40 -3.34	18.85 1.31 -3.10	17.93 1.15 -3.98	17.29 1.25 -1.78	18.01 1.30 -1.92	19.35 1.40 -2.78	20.41 1.37 -3.84	22.14 1.66 -2.67	22.60 1.67 -3.00	26.49 1.51 -6.61	26.80 1.52 -6.91	27.15 1.54 -7.23	27.79 1.50 -8.16	27.81 1.68 -7.70	27.42 1.89 -5.64	29.21 1.94 -7.01	31.28 2.13 -6.72	29.20 2.36 -2.04	27.78 2.30 -1.00	27.41 2.06 -2.72	27.39 2.01 -3.32	22.61 1.91 -0.17	21.43 1.63 -1.44
BARRETT_IC_10 23701	22.88 1.69 -2.79	19.97 1.40 -3.34	18.85 1.31 -3.10	17.93 1.15 -3.98	17.29 1.25 -1.78	18.01 1.30 -1.92	19.35 1.40 -2.78	20.41 1.37 -3.84	22.14 1.66 -2.67	22.60 1.67 -3.00	26.49 1.51 -6.61	26.80 1.52 -6.91	27.15 1.54 -7.23	27.79 1.50 -8.16	27.81 1.68 -7.70	27.42 1.89 -5.64	29.21 1.94 -7.01	31.28 2.13 -6.72	29.20 2.36 -2.04	27.78 2.30 -1.00	27.41 2.06 -2.72	27.39 2.01 -3.32	22.61 1.91 -0.17	21.43 1.63 -1.44
BARRETT_IC_11 23702	22.88 1.69 -2.79	19.97 1.40 -3.34	18.85 1.31 -3.10	17.93 1.15 -3.98	17.29 1.25 -1.78	18.01 1.30 -1.92	19.35 1.40 -2.78	20.41 1.37 -3.84	22.14 1.66 -2.67	22.60 1.67 -3.00	26.49 1.51 -6.61	26.80 1.52 -6.91	27.15 1.54 -7.23	27.79 1.50 -8.16	27.81 1.68 -7.70	27.42 1.89 -5.64	29.21 1.94 -7.01	31.28 2.13 -6.72	29.20 2.36 -2.04	27.78 2.30 -1.00	27.41 2.06 -2.72	27.39 2.01 -3.32	22.61 1.91 -0.17	21.43 1.63 -1.44
BARRETT_IC_12 23703	22.88 1.69 -2.79	19.97 1.40 -3.34	18.85 1.31 -3.10	17.93 1.15 -3.98	17.29 1.25 -1.78	18.01 1.30 -1.92	19.35 1.40 -2.78	20.41 1.37 -3.84	22.14 1.66 -2.67	22.60 1.67 -3.00	26.49 1.51 -6.61	26.80 1.52 -6.91	27.15 1.54 -7.23	27.79 1.50 -8.16	27.81 1.68 -7.70	27.42 1.89 -5.64	29.21 1.94 -7.01	31.28 2.13 -6.72	29.20 2.36 -2.04	27.78 2.30 -1.00	27.41 2.06 -2.72	27.39 2.01 -3.32	22.61 1.91 -0.17	21.43 1.63 -1.44
BARRETT_IC_2 23705	22.88 1.69 -2.79	19.97 1.40 -3.34	18.85 1.31 -3.10	17.93 1.15 -3.98	17.29 1.25 -1.78	18.01 1.30 -1.92	19.35 1.40 -2.78	20.41 1.37 -3.84	22.14 1.66 -2.67	22.60 1.67 -3.00	26.49 1.51 -6.61	26.80 1.52 -6.91	27.15 1.54 -7.23	27.79 1.50 -8.16	27.81 1.68 -7.70	27.42 1.89 -5.64	29.21 1.94 -7.01	31.28 2.13 -6.72	29.20 2.36 -2.04	27.78 2.30 -1.00	27.41 2.06 -2.72	27.39 2.01 -3.32	22.61 1.91 -0.17	21.43 1.63 -1.44
BARRETT_IC_3 23706	22.88 1.69 -2.79	19.97 1.40 -3.34	18.85 1.31 -3.10	17.93 1.15 -3.98	17.29 1.25 -1.78	18.01 1.30 -1.92	19.35 1.40 -2.78	20.41 1.37 -3.84	22.14 1.66 -2.67	22.60 1.67 -3.00	26.49 1.51 -6.61	26.80 1.52 -6.91	27.15 1.54 -7.23	27.79 1.50 -8.16	27.81 1.68 -7.70	27.42 1.89 -5.64	29.21 1.94 -7.01	31.28 2.13 -6.72	29.20 2.36 -2.04	27.78 2.30 -1.00	27.41 2.06 -2.72	27.39 2.01 -3.32	22.61 1.91 -0.17	21.43 1.63 -1.44
BARRETT_IC_4 23707	22.88 1.69 -2.79	19.97 1.40 -3.34	18.85 1.31 -3.10	17.93 1.15 -3.98	17.29 1.25 -1.78	18.01 1.30 -1.92	19.35 1.40 -2.78	20.41 1.37 -3.84	22.14 1.66 -2.67	22.60 1.67 -3.00	26.49 1.51 -6.61	26.80 1.52 -6.91	27.15 1.54 -7.23	27.79 1.50 -8.16	27.81 1.68 -7.70	27.42 1.89 -5.64	29.21 1.94 -7.01	31.28 2.13 -6.72	29.20 2.36 -2.04	27.78 2.30 -1.00	27.41 2.06 -2.72	27.39 2.01 -3.32	22.61 1.91 -0.17	21.43 1.63 -1.44
BARRETT_IC_5 23708	22.88 1.69 -2.79	19.97 1.40 -3.34	18.85 1.31 -3.10	17.93 1.15 -3.98	17.29 1.25 -1.78	18.01 1.30 -1.92	19.35 1.40 -2.78	20.41 1.37 -3.84	22.14 1.66 -2.67	22.60 1.67 -3.00	26.49 1.51 -6.61	26.80 1.52 -6.91	27.15 1.54 -7.23	27.79 1.50 -8.16	27.81 1.68 -7.70	27.42 1.89 -5.64	29.21 1.94 -7.01	31.28 2.13 -6.72	29.20 2.36 -2.04	27.78 2.30 -1.00	27.41 2.06 -2.72	27.39 2.01 -3.32	22.61 1.91 -0.17	21.43 1.63 -1.44
BARRETT_IC_6 23709	22.88 1.69 -2.79	19.97 1.40 -3.34	18.85 1.31 -3.10	17.93 1.15 -3.98	17.29 1.25 -1.78	18.01 1.30 -1.92	19.35 1.40 -2.78	20.41 1.37 -3.84	22.14 1.66 -2.67	22.60 1.67 -3.00	26.49 1.51 -6.61	26.80 1.52 -6.91	27.15 1.54 -7.23	27.79 1.50 -8.16	27.81 1.68 -7.70	27.42 1.89 -5.64	29.21 1.94 -7.01	31.28 2.13 -6.72	29.20 2.36 -2.04	27.78 2.30 -1.00	27.41 2.06 -2.72	27.39 2.01 -3.32	22.61 1.91 -0.17	21.43 1.63 -1.44
BARRETT_IC_7 23710	22.84 1.67 -2.78	19.96 1.40 -3.33	18.83 1.31 -3.08	17.91 1.14 -3.98	17.27 1.25 -1.77	18.00 1.30 -1.90	19.34 1.40 -2.76	20.39 1.37 -3.82	22.12 1.66 -2.65	22.58 1.67 -2.99	26.48 1.51 -6.60	26.80 1.53 -6.90	27.14 1.54 -7.22	27.79 1.50 -8.16	27.80 1.68 -7.70	27.41 1.89 -5.63	29.20 1.94 -7.01	31.27 2.13 -6.71	29.20 2.36 -2.03	27.77 2.30 -1.00	27.41 2.06 -2.71	27.39 2.01 -3.31	22.71 2.01 -0.16	21.42 1.63 -1.43

BARRETT_IC_8 23711	22.88 1.69 -2.79	19.97 1.40 -3.34	18.85 1.31 -3.10	17.93 1.15 -3.98	17.29 1.25 -1.78	18.01 1.30 -1.92	19.35 1.40 -2.78	20.41 1.37 -3.84	22.14 1.66 -2.67	22.60 1.67 -3.00	26.49 1.51 -6.61	26.80 1.52 -6.91	27.15 1.54 -7.23	27.79 1.50 -8.16	27.81 1.68 -7.70	27.42 1.89 -5.64	29.21 1.94 -7.01	31.28 2.13 -6.72	29.20 2.36 -2.04	27.78 2.30 -1.00	27.41 2.06 -2.72	27.39 2.01 -3.32	22.61 1.91 -0.17	21.43 1.63 -1.44
BARRETT_IC_9 23700	22.88 1.69 -2.79	19.97 1.40 -3.34	18.85 1.31 -3.10	17.93 1.15 -3.98	17.29 1.25 -1.78	18.01 1.30 -1.92	19.35 1.40 -2.78	20.41 1.37 -3.84	22.14 1.66 -2.67	22.60 1.67 -3.00	26.49 1.51 -6.61	26.80 1.52 -6.91	27.15 1.54 -7.23	27.79 1.50 -8.16	27.81 1.68 -7.70	27.42 1.89 -5.64	29.21 1.94 -7.01	31.28 2.13 -6.72	29.20 2.36 -2.04	27.78 2.30 -1.00	27.41 2.06 -2.72	27.39 2.01 -3.32	22.61 1.91 -0.17	21.43 1.63 -1.44
BARRETT___1 23545	22.88 1.69 -2.79	19.97 1.40 -3.34	18.85 1.31 -3.10	17.93 1.15 -3.98	17.29 1.25 -1.78	18.01 1.30 -1.92	19.35 1.40 -2.78	20.41 1.37 -3.84	22.14 1.66 -2.67	22.60 1.67 -3.00	26.49 1.51 -6.61	26.80 1.52 -6.91	27.15 1.54 -7.23	27.79 1.50 -8.16	27.81 1.68 -7.70	27.42 1.89 -5.64	29.21 1.94 -7.01	31.28 2.13 -6.72	29.20 2.36 -2.04	27.78 2.30 -1.00	27.41 2.06 -2.72	27.39 2.01 -3.32	22.61 1.91 -0.17	21.43 1.63 -1.44
BARRETT___2 23546	22.88 1.69 -2.79	19.97 1.40 -3.34	18.85 1.31 -3.10	17.93 1.15 -3.98	17.29 1.25 -1.78	18.01 1.30 -1.92	19.35 1.40 -2.78	20.41 1.37 -3.84	22.14 1.66 -2.67	22.60 1.67 -3.00	26.49 1.51 -6.61	26.80 1.52 -6.91	27.15 1.54 -7.23	27.79 1.50 -8.16	27.81 1.68 -7.70	27.42 1.89 -5.64	29.21 1.94 -7.01	31.28 2.13 -6.72	29.20 2.36 -2.04	27.78 2.30 -1.00	27.41 2.06 -2.72	27.39 2.01 -3.32	22.61 1.91 -0.17	21.43 1.63 -1.44
BATAVIA___115KV_TB1 55881	18.60 -0.20 -0.41	15.46 -0.26 -0.49	14.70 -0.19 -0.45	13.27 -0.10 -0.58	14.44 -0.07 -0.26	14.97 -0.10 -0.28	15.37 -0.21 -0.40	15.53 -0.23 -0.56	17.70 -0.50 -0.39	17.92 -0.45 -0.44	18.44 -0.44 -0.51	18.71 -0.40 -0.73	18.69 -0.46 -0.78	18.53 -0.53 -0.93	18.95 -0.33 -0.85	19.96 -0.24 -0.31	20.78 -0.18 -0.72	22.75 -0.25 -0.57	24.78 -0.02 0.00	24.67 0.20 0.00	22.91 0.27 0.00	22.31 0.24 0.00	20.56 0.02 0.00	18.39 -0.17 -0.20
BAYONEEC___CTG1 323682	22.49 1.33 -2.78	19.64 1.08 -3.32	18.51 1.00 -3.08	17.63 0.86 -3.98	16.96 0.94 -1.76	17.67 0.98 -1.90	18.99 1.05 -2.76	20.05 1.03 -3.82	21.75 1.28 -2.65	22.21 1.29 -2.99	23.19 1.30 -3.51	24.78 1.32 -5.08	25.12 1.38 -5.37	25.92 1.34 -6.46	25.85 1.51 -5.91	23.77 1.73 -2.15	27.00 1.80 -4.95	28.32 1.95 -3.93	26.97 2.16 0.00	26.55 2.08 0.00	24.47 1.83 0.00	23.85 1.79 0.00	22.12 1.58 0.00	21.01 1.25 -1.41
BAYONEEC___CTG10 323750	22.49 1.33 -2.78	19.64 1.08 -3.32	18.51 1.00 -3.08	17.63 0.86 -3.98	16.96 0.94 -1.76	17.67 0.98 -1.90	18.99 1.05 -2.76	20.05 1.03 -3.82	21.75 1.28 -2.65	22.21 1.29 -2.99	23.19 1.30 -3.51	24.78 1.32 -5.08	25.12 1.38 -5.37	25.92 1.34 -6.46	25.85 1.51 -5.91	23.77 1.73 -2.15	27.00 1.80 -4.95	28.32 1.95 -3.93	26.97 2.16 0.00	26.55 2.08 0.00	24.47 1.83 0.00	23.85 1.79 0.00	22.12 1.58 0.00	21.01 1.25 -1.41
BAYONEEC___CTG2 323683	22.49 1.33 -2.78	19.64 1.08 -3.32	18.51 1.00 -3.08	17.63 0.86 -3.98	16.96 0.94 -1.76	17.67 0.98 -1.90	18.99 1.05 -2.76	20.05 1.03 -3.82	21.75 1.28 -2.65	22.21 1.29 -2.99	23.19 1.30 -3.51	24.78 1.32 -5.08	25.12 1.38 -5.37	25.92 1.34 -6.46	25.85 1.51 -5.91	23.77 1.73 -2.15	27.00 1.80 -4.95	28.32 1.95 -3.93	26.97 2.16 0.00	26.55 2.08 0.00	24.47 1.83 0.00	23.85 1.79 0.00	22.12 1.58 0.00	21.01 1.25 -1.41
BAYONEEC___CTG3 323684	22.49 1.33 -2.78	19.64 1.08 -3.32	18.51 1.00 -3.08	17.63 0.86 -3.98	16.96 0.94 -1.76	17.67 0.98 -1.90	18.99 1.05 -2.76	20.05 1.03 -3.82	21.75 1.28 -2.65	22.21 1.29 -2.99	23.19 1.30 -3.51	24.78 1.32 -5.08	25.12 1.38 -5.37	25.92 1.34 -6.46	25.85 1.51 -5.91	23.77 1.73 -2.15	27.00 1.80 -4.95	28.32 1.95 -3.93	26.97 2.16 0.00	26.55 2.08 0.00	24.47 1.83 0.00	23.85 1.79 0.00	22.12 1.58 0.00	21.01 1.25 -1.41
BAYONEEC___CTG4 323685	22.49 1.33 -2.78	19.64 1.08 -3.32	18.51 1.00 -3.08	17.63 0.86 -3.98	16.96 0.94 -1.76	17.67 0.98 -1.90	18.99 1.05 -2.76	20.05 1.03 -3.82	21.75 1.28 -2.65	22.21 1.29 -2.99	23.19 1.30 -3.51	24.78 1.32 -5.08	25.12 1.38 -5.37	25.92 1.34 -6.46	25.85 1.51 -5.91	23.77 1.73 -2.15	27.00 1.80 -4.95	28.32 1.95 -3.93	26.97 2.16 0.00	26.55 2.08 0.00	24.47 1.83 0.00	23.85 1.79 0.00	22.12 1.58 0.00	21.01 1.25 -1.41
BAYONEEC___CTG5 323686	22.49 1.33 -2.78	19.64 1.08 -3.32	18.51 1.00 -3.08	17.63 0.86 -3.98	16.96 0.94 -1.76	17.67 0.98 -1.90	18.99 1.05 -2.76	20.05 1.03 -3.82	21.75 1.28 -2.65	22.21 1.29 -2.99	23.19 1.30 -3.51	24.78 1.32 -5.08	25.12 1.38 -5.37	25.92 1.34 -6.46	25.85 1.51 -5.91	23.77 1.73 -2.15	27.00 1.80 -4.95	28.32 1.95 -3.93	26.97 2.16 0.00	26.55 2.08 0.00	24.47 1.83 0.00	23.85 1.79 0.00	22.12 1.58 0.00	21.01 1.25 -1.41
BAYONEEC___CTG6 323687	22.49 1.33 -2.78	19.64 1.08 -3.32	18.51 1.00 -3.08	17.63 0.86 -3.98	16.96 0.94 -1.76	17.67 0.98 -1.90	18.99 1.05 -2.76	20.05 1.03 -3.82	21.75 1.28 -2.65	22.21 1.29 -2.99	23.19 1.30 -3.51	24.78 1.32 -5.08	25.12 1.38 -5.37	25.92 1.34 -6.46	25.85 1.51 -5.91	23.77 1.73 -2.15	27.00 1.80 -4.95	28.32 1.95 -3.93	26.97 2.16 0.00	26.55 2.08 0.00	24.47 1.83 0.00	23.85 1.79 0.00	22.12 1.58 0.00	21.01 1.25 -1.41
BAYONEEC___CTG7 323688	22.49 1.33 -2.78	19.64 1.08 -3.32	18.51 1.00 -3.08	17.63 0.86 -3.98	16.96 0.94 -1.76	17.67 0.98 -1.90	18.99 1.05 -2.76	20.05 1.03 -3.82	21.75 1.28 -2.65	22.21 1.29 -2.99	23.19 1.30 -3.51	24.78 1.32 -5.08	25.12 1.38 -5.37	25.92 1.34 -6.46	25.85 1.51 -5.91	23.77 1.73 -2.15	27.00 1.80 -4.95	28.32 1.95 -3.93	26.97 2.16 0.00	26.55 2.08 0.00	24.47 1.83 0.00	23.85 1.79 0.00	22.12 1.58 0.00	21.01 1.25 -1.41
BAYONEEC___CTG8 323689	22.49 1.33 -2.78	19.64 1.08 -3.32	18.51 1.00 -3.08	17.63 0.86 -3.98	16.96 0.94 -1.76	17.67 0.98 -1.90	18.99 1.05 -2.76	20.05 1.03 -3.82	21.75 1.28 -2.65	22.21 1.29 -2.99	23.19 1.30 -3.51	24.78 1.32 -5.08	25.12 1.38 -5.37	25.92 1.34 -6.46	25.85 1.51 -5.91	23.77 1.73 -2.15	27.00 1.80 -4.95	28.32 1.95 -3.93	26.97 2.16 0.00	26.55 2.08 0.00	24.47 1.83 0.00	23.85 1.79 0.00	22.12 1.58 0.00	21.01 1.25 -1.41
BAYONEEC___CTG9 323749	22.49 1.33 -2.78	19.64 1.08 -3.32	18.51 1.00 -3.08	17.63 0.86 -3.98	16.96 0.94 -1.76	17.67 0.98 -1.90	18.99 1.05 -2.76	20.05 1.03 -3.82	21.75 1.28 -2.65	22.21 1.29 -2.99	23.19 1.30 -3.51	24.78 1.32 -5.08	25.12 1.38 -5.37	25.92 1.34 -6.46	25.85 1.51 -5.91	23.77 1.73 -2.15	27.00 1.80 -4.95	28.32 1.95 -3.93	26.97 2.16 0.00	26.55 2.08 0.00	24.47 1.83 0.00	23.85 1.79 0.00	22.12 1.58 0.00	21.01 1.25 -1.41

BEACON___LESR 323632	22.60 0.77 -3.43	19.95 0.61 -4.11	18.87 0.62 -3.81	18.33 0.61 -4.92	17.15 0.71 -2.18	17.89 0.74 -2.35	19.32 0.73 -3.41	20.65 0.73 -4.72	21.92 0.82 -3.28	21.11 0.84 -2.34	21.74 0.85 -2.52	22.16 0.83 -2.96	23.58 0.81 -4.39	22.60 0.80 -3.68	25.30 0.87 -6.00	23.43 0.92 -2.62	27.16 0.87 -6.04	28.24 1.01 -4.80	23.82 1.12 2.10	25.60 1.13 0.00	23.68 1.04 0.00	23.08 1.02 0.00	21.52 0.99 0.00	20.83 0.75 -1.72
BEAVER RIVER___HYD 24048	18.60 0.09 -0.11	15.42 0.06 -0.13	14.58 0.03 -0.12	12.98 0.03 -0.16	14.34 0.01 -0.07	14.93 0.06 -0.08	15.33 0.05 -0.11	15.38 0.03 -0.15	17.92 0.00 -0.11	17.99 -0.05 -0.12	18.51 0.00 -0.14	18.59 0.02 -0.20	18.51 -0.07 -0.21	18.29 -0.09 -0.25	18.51 -0.15 -0.23	19.81 -0.16 -0.08	20.28 -0.16 -0.19	22.50 -0.09 -0.15	24.81 0.00 0.00	24.60 0.12 0.00	22.81 0.18 0.00	22.22 0.16 0.00	20.66 0.12 0.00	18.50 0.09 -0.06
BEEBEE_GT_13 23619	18.61 -0.13 -0.35	15.46 -0.18 -0.42	14.68 -0.14 -0.39	13.23 -0.06 -0.50	14.43 -0.04 -0.22	14.96 -0.07 -0.24	15.37 -0.15 -0.35	15.53 -0.15 -0.48	17.84 -0.30 -0.33	18.05 -0.25 -0.37	18.61 -0.20 -0.44	18.84 -0.17 -0.63	18.84 -0.20 -0.67	18.69 -0.24 -0.80	19.07 -0.09 -0.73	20.12 -0.04 -0.27	20.80 -0.06 -0.61	22.83 -0.09 -0.49	24.76 -0.05 0.00	24.52 0.05 0.00	22.75 0.11 0.00	22.15 0.09 0.00	20.49 -0.04 0.00	18.44 -0.09 -0.18
BENSHRST_27_KV_BENSHRST_1 355998	22.78 1.60 -2.78	19.89 1.32 -3.33	18.75 1.23 -3.09	17.83 1.05 -3.98	17.17 1.14 -1.77	17.85 1.15 -1.90	19.15 1.21 -2.76	20.19 1.17 -3.82	21.89 1.43 -2.65	22.31 1.40 -2.99	23.35 1.47 -3.51	24.94 1.49 -5.08	25.31 1.56 -5.37	26.15 1.54 -6.48	26.08 1.71 -5.93	23.99 1.95 -2.15	32.42 2.00 -10.17	31.75 2.20 -7.12	27.21 2.41 0.00	26.82 2.35 0.00	24.69 2.06 0.00	24.07 2.01 0.00	22.55 2.01 0.00	21.27 1.51 -1.41
BETHLEHEM___GRP 23843	22.31 0.48 -3.44	19.73 0.38 -4.12	18.65 0.40 -3.82	18.17 0.45 -4.92	16.95 0.51 -2.19	17.67 0.52 -2.36	19.11 0.52 -3.41	20.43 0.50 -4.72	21.61 0.52 -3.28	20.94 0.54 -2.48	21.59 0.51 -2.70	22.16 0.50 -3.29	23.49 0.50 -4.62	22.73 0.49 -4.11	25.10 0.53 -6.13	23.11 0.60 -2.62	26.88 0.59 -6.05	27.89 0.65 -4.81	23.64 0.72 1.89	25.18 0.71 0.00	23.29 0.66 0.00	22.71 0.64 0.00	21.21 0.68 0.00	20.56 0.48 -1.73
BETHLEHEM___GS1 323560	22.31 0.48 -3.44	19.73 0.38 -4.12	18.65 0.40 -3.82	18.17 0.45 -4.92	16.95 0.51 -2.19	17.67 0.52 -2.36	19.11 0.52 -3.42	20.43 0.50 -4.73	21.62 0.52 -3.29	20.94 0.54 -2.48	21.59 0.51 -2.70	22.16 0.50 -3.29	23.49 0.50 -4.62	22.73 0.49 -4.11	25.10 0.53 -6.13	23.11 0.60 -2.62	26.89 0.59 -6.05	27.89 0.65 -4.81	23.64 0.72 1.89	25.18 0.71 0.00	23.29 0.66 0.00	22.71 0.64 0.00	21.19 0.66 0.00	20.56 0.48 -1.72
BETHLEHEM___GS2 323561	22.31 0.48 -3.44	19.73 0.38 -4.12	18.65 0.40 -3.82	18.17 0.45 -4.92	16.95 0.51 -2.19	17.67 0.52 -2.36	19.11 0.52 -3.42	20.43 0.50 -4.73	21.62 0.52 -3.29	20.94 0.54 -2.48	21.59 0.51 -2.70	22.16 0.50 -3.29	23.49 0.50 -4.62	22.73 0.49 -4.11	25.10 0.53 -6.13	23.11 0.60 -2.62	26.89 0.59 -6.05	27.89 0.65 -4.81	23.64 0.72 1.89	25.18 0.71 0.00	23.29 0.66 0.00	22.71 0.64 0.00	21.19 0.66 0.00	20.56 0.48 -1.72
BETHLEHEM___GS3 323562	22.31 0.48 -3.44	19.73 0.38 -4.12	18.65 0.40 -3.82	18.17 0.45 -4.92	16.95 0.51 -2.19	17.67 0.52 -2.36	19.11 0.52 -3.42	20.43 0.50 -4.73	21.62 0.52 -3.29	20.94 0.54 -2.48	21.59 0.51 -2.70	22.16 0.50 -3.29	23.49 0.50 -4.62	22.73 0.49 -4.11	25.10 0.53 -6.13	23.11 0.60 -2.62	26.89 0.59 -6.05	27.89 0.65 -4.81	23.64 0.72 1.89	25.18 0.71 0.00	23.29 0.66 0.00	22.71 0.64 0.00	21.19 0.66 0.00	20.56 0.48 -1.72
BETHLEHEM___STEEL 23779	18.33 -0.53 -0.47	15.25 -0.55 -0.57	14.51 -0.45 -0.52	13.16 -0.31 -0.68	14.24 -0.31 -0.30	14.75 -0.37 -0.32	15.18 -0.47 -0.47	15.36 -0.49 -0.65	17.46 -0.80 -0.45	17.72 -0.72 -0.51	18.23 -0.73 -0.59	18.55 -0.68 -0.85	18.52 -0.75 -0.90	18.38 -0.83 -1.09	18.78 -0.65 -0.99	19.71 -0.54 -0.36	20.62 -0.47 -0.83	22.53 -0.56 -0.66	24.49 -0.32 0.00	24.45 -0.02 0.00	22.66 0.02 0.00	22.09 0.02 0.00	20.33 -0.21 0.00	18.10 -0.50 -0.24
BETHLHEM_115KV_TB1 79974	22.36 0.53 -3.44	19.76 0.41 -4.12	18.68 0.43 -3.81	18.18 0.46 -4.92	16.97 0.53 -2.18	17.68 0.53 -2.35	19.11 0.52 -3.41	20.44 0.52 -4.72	21.65 0.55 -3.28	21.06 0.57 -2.56	21.74 0.55 -2.81	22.43 0.55 -3.50	23.66 0.53 -4.76	23.03 0.53 -4.38	25.23 0.59 -6.21	23.15 0.64 -2.62	26.94 0.65 -6.04	27.95 0.72 -4.80	23.85 0.79 1.75	25.26 0.78 0.00	23.36 0.72 0.00	22.77 0.71 0.00	21.25 0.72 0.00	20.59 0.51 -1.72
BETHPAGE_CC_5 323564	22.96 1.78 -2.79	20.03 1.46 -3.33	18.88 1.36 -3.09	17.97 1.19 -3.98	17.34 1.31 -1.77	18.05 1.35 -1.91	19.36 1.41 -2.77	20.44 1.41 -3.83	22.20 1.73 -2.66	22.64 1.72 -3.00	26.61 1.63 -6.60	26.93 1.65 -6.90	27.29 1.69 -7.22	27.93 1.65 -8.15	27.95 1.83 -7.70	27.57 2.05 -5.63	29.38 2.13 -7.01	31.47 2.33 -6.71	29.42 2.58 -2.03	27.99 2.52 -1.00	27.59 2.24 -2.71	27.58 2.21 -3.31	22.75 2.05 -0.16	21.53 1.74 -1.43
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	18.32 -0.55 -0.48	15.24 -0.56 -0.57	14.50 -0.46 -0.53	13.15 -0.33 -0.69	14.22 -0.34 -0.30	14.74 -0.38 -0.33	15.15 -0.50 -0.48	15.34 -0.52 -0.66	17.45 -0.82 -0.46	17.71 -0.74 -0.51	18.22 -0.75 -0.60	18.54 -0.70 -0.87	18.52 -0.77 -0.92	18.37 -0.85 -1.10	18.77 -0.66 -1.01	19.70 -0.56 -0.37	20.63 -0.47 -0.84	22.52 -0.58 -0.67	24.54 -0.27 0.00	24.47 0.00 0.00	22.68 0.05 0.00	22.11 0.04 0.00	20.35 -0.18 0.00	18.08 -0.51 -0.24
BINGHAMTON___COGEN 23790	19.40 0.11 -0.89	16.37 0.08 -1.07	15.50 0.07 -0.99	14.15 0.08 -1.28	14.91 0.09 -0.57	15.49 0.09 -0.61	16.13 0.06 -0.89	16.49 0.06 -1.23	18.70 0.04 -0.85	18.92 0.04 -0.96	19.58 0.09 -1.12	20.10 0.11 -1.61	20.17 0.09 -1.71	20.23 0.05 -2.05	20.47 0.17 -1.88	20.81 0.24 -0.68	22.07 0.24 -1.57	23.95 0.27 -1.25	25.23 0.42 0.00	24.91 0.44 0.00	23.06 0.43 0.00	22.49 0.42 0.00	20.82 0.29 0.00	18.91 0.11 -0.45
BIXINCNT_115KV_LOAD 355685	18.20 -0.70 -0.51	15.13 -0.70 -0.61	14.40 -0.59 -0.56	13.07 -0.45 -0.72	14.09 -0.48 -0.32	14.61 -0.53 -0.35	15.06 -0.62 -0.50	15.26 -0.64 -0.70	17.33 -0.96 -0.48	17.56 -0.91 -0.54	18.07 -0.94 -0.63	18.37 -0.92 -0.92	18.31 -1.03 -0.97	18.15 -1.14 -1.16	18.56 -0.94 -1.06	19.42 -0.86 -0.39	20.35 -0.79 -0.89	22.22 -0.92 -0.71	24.34 -0.47 0.00	24.40 -0.07 0.00	22.63 0.00 0.00	22.07 0.00 0.00	20.29 -0.25 0.00	17.93 -0.68 -0.25
BLACK RIVER___HYD 24047	18.76 0.22 -0.15	15.58 0.17 -0.18	14.72 0.11 -0.17	13.12 0.11 -0.22	14.46 0.11 -0.10	15.06 0.16 -0.10	15.45 0.12 -0.15	15.50 0.09 -0.21	18.03 0.07 -0.14	18.09 0.00 -0.16	18.69 0.13 -0.19	18.78 0.13 -0.27	18.68 0.02 -0.29	18.44 -0.04 -0.35	18.66 -0.09 -0.32	19.89 -0.12 -0.12	20.41 -0.10 -0.27	22.62 -0.02 -0.21	24.96 0.15 0.00	24.82 0.34 0.00	23.04 0.41 0.00	22.44 0.37 0.00	20.82 0.29 0.00	18.65 0.22 -0.08

BLACKRVR_115KV_TB2 79977	18.76 0.22 -0.15	15.58 0.17 -0.18	14.72 0.12 -0.17	13.12 0.12 -0.22	14.46 0.11 -0.10	15.06 0.16 -0.10	15.45 0.12 -0.15	15.51 0.11 -0.21	18.03 0.07 -0.14	18.09 0.00 -0.16	18.69 0.13 -0.19	18.79 0.15 -0.27	18.68 0.02 -0.29	18.44 -0.04 -0.35	18.66 -0.09 -0.32	19.89 -0.12 -0.12	20.41 -0.10 -0.27	22.62 -0.02 -0.21	24.96 0.15 0.00	24.82 0.34 0.00	23.04 0.41 0.00	22.44 0.38 0.00	20.82 0.29 0.00	18.65 0.22 -0.08
BLISS_WT_PWR 323608	18.25 -0.64 -0.51	15.10 -0.73 -0.61	14.37 -0.62 -0.56	13.04 -0.47 -0.72	14.08 -0.50 -0.32	14.56 -0.58 -0.35	15.03 -0.65 -0.50	15.23 -0.67 -0.70	17.28 -1.01 -0.48	17.52 -0.95 -0.54	18.01 -0.99 -0.63	18.26 -1.03 -0.92	18.24 -1.10 -0.97	18.08 -1.21 -1.16	18.48 -1.01 -1.06	19.32 -0.95 -0.39	20.25 -0.89 -0.89	22.11 -1.03 -0.71	24.24 -0.57 0.00	24.33 -0.15 0.00	22.61 -0.02 0.00	22.00 -0.07 0.00	20.39 -0.14 0.00	17.89 -0.72 -0.25
BLUE_CIRC_CHEM_DRP 24182	22.51 0.74 -3.38	19.86 0.58 -4.05	18.78 0.59 -3.75	18.20 0.56 -4.84	17.04 0.64 -2.15	17.77 0.67 -2.32	19.19 0.65 -3.36	20.50 0.65 -4.65	21.77 0.73 -3.23	21.52 0.75 -2.84	22.33 0.77 -3.18	23.35 0.77 -4.20	24.30 0.73 -5.19	24.14 0.73 -5.29	25.61 0.79 -6.39	23.33 0.86 -2.58	27.05 0.85 -5.95	28.12 0.96 -4.73	24.64 1.07 1.23	25.55 1.08 0.00	23.63 1.00 0.00	23.04 0.97 0.00	21.48 0.94 0.00	20.79 0.73 -1.70
BOC_GAS_DRP 24189	22.44 0.63 -3.42	19.83 0.50 -4.10	18.72 0.49 -3.80	18.16 0.46 -4.90	16.94 0.51 -2.18	17.67 0.53 -2.35	19.11 0.53 -3.40	20.44 0.53 -4.71	21.71 0.62 -3.27	21.61 0.65 -3.04	22.47 0.66 -3.44	23.69 0.66 -4.65	24.53 0.64 -5.51	24.63 0.63 -5.87	25.75 0.70 -6.62	23.28 0.78 -2.61	27.06 0.79 -6.02	28.09 0.87 -4.79	24.78 0.97 0.99	25.43 0.95 0.00	23.49 0.86 0.00	22.93 0.86 0.00	21.36 0.82 0.00	20.68 0.61 -1.72
BOONVILLE_115KV_TB1 79983	18.82 0.33 -0.10	15.61 0.26 -0.12	14.76 0.22 -0.11	13.11 0.18 -0.14	14.50 0.19 -0.06	15.11 0.25 -0.07	15.50 0.23 -0.10	15.56 0.23 -0.13	18.16 0.25 -0.09	18.25 0.22 -0.11	18.79 0.29 -0.12	18.88 0.33 -0.18	18.82 0.26 -0.19	18.61 0.25 -0.23	18.88 0.24 -0.21	20.24 0.28 -0.07	20.71 0.28 -0.17	22.90 0.34 -0.14	25.25 0.45 0.00	24.96 0.49 0.00	23.13 0.50 0.00	22.53 0.46 0.00	20.93 0.39 0.00	18.72 0.31 -0.05
BORALEX_4TH_BRANCH 23824	22.96 1.14 -3.42	20.26 0.93 -4.10	19.11 0.88 -3.80	18.45 0.75 -4.90	17.27 0.84 -2.18	18.01 0.87 -2.35	19.48 0.90 -3.40	20.84 0.93 -4.71	22.30 1.21 -3.27	24.85 1.22 -5.70	26.50 1.21 -6.91	30.62 1.21 -11.03	29.35 1.19 -9.78	33.45 1.18 -14.15	28.69 1.24 -9.02	23.87 1.35 -2.63	27.66 1.36 -6.05	28.72 1.48 -4.81	29.62 1.69 -3.13	26.09 1.61 0.00	24.13 1.49 0.00	23.52 1.46 0.00	21.91 1.38 0.00	21.14 1.06 -1.73
BOWLINE___1 23526	22.19 1.10 -2.70	19.36 0.90 -3.23	18.26 0.84 -2.99	17.37 0.72 -3.86	16.75 0.78 -1.71	17.44 0.80 -1.85	18.72 0.86 -2.68	19.76 0.85 -3.71	21.46 1.07 -2.58	21.90 1.08 -2.90	22.88 1.10 -3.40	24.42 1.12 -4.93	24.74 1.16 -5.21	25.50 1.11 -6.26	25.43 1.27 -5.73	23.44 1.47 -2.08	26.57 1.52 -4.80	27.91 1.66 -3.82	26.64 1.84 0.00	26.24 1.76 0.00	24.22 1.58 0.00	23.63 1.57 0.00	21.89 1.36 0.00	20.77 1.05 -1.37
BOWLINE___2 23595	22.19 1.10 -2.70	19.36 0.90 -3.23	18.26 0.84 -2.99	17.37 0.72 -3.86	16.75 0.78 -1.71	17.44 0.80 -1.85	18.72 0.86 -2.68	19.76 0.85 -3.71	21.46 1.07 -2.58	21.90 1.08 -2.90	22.88 1.10 -3.40	24.42 1.12 -4.93	24.74 1.16 -5.21	25.50 1.11 -6.26	25.43 1.27 -5.73	23.44 1.47 -2.08	26.57 1.52 -4.80	27.91 1.66 -3.82	26.64 1.84 0.00	26.24 1.76 0.00	24.22 1.58 0.00	23.63 1.57 0.00	21.89 1.36 0.00	20.77 1.05 -1.37
BRADY___115KV_TB2 356060	18.14 -0.26 0.00	15.02 -0.21 0.00	14.23 -0.20 0.00	12.59 -0.20 0.00	14.01 -0.24 0.00	14.59 -0.21 0.00	15.01 -0.17 0.00	15.05 -0.15 0.00	17.60 -0.21 0.00	17.68 -0.25 0.00	18.10 -0.28 0.00	18.06 -0.31 0.00	18.03 -0.35 0.00	17.82 -0.31 0.00	18.01 -0.42 0.00	19.43 -0.46 0.00	19.82 -0.43 0.00	22.00 -0.43 0.00	24.24 -0.57 0.00	23.96 -0.51 0.00	22.20 -0.43 0.00	21.60 -0.46 0.00	20.12 -0.41 0.00	18.10 -0.26 0.00
BRANSCOMB___SOLAR 323811	23.03 1.10 -3.53	20.34 0.88 -4.23	19.19 0.84 -3.92	18.59 0.74 -5.06	17.34 0.84 -2.24	18.07 0.86 -2.42	19.57 0.88 -3.51	20.94 0.88 -4.86	22.31 1.12 -3.38	24.39 1.15 -5.31	25.92 1.16 -6.38	29.52 1.14 -10.01	28.63 1.08 -9.17	31.99 1.05 -12.82	28.29 1.07 -8.79	23.75 1.15 -2.70	27.72 1.24 -6.24	28.80 1.41 -4.96	28.76 1.61 -2.34	26.06 1.59 0.00	24.13 1.49 0.00	23.50 1.43 0.00	22.03 1.50 0.00	21.34 1.21 -1.78
BRENTWOD_69_KV_W. BRTWOOD 56703	23.10 1.93 -2.78	20.14 1.58 -3.33	18.99 1.47 -3.08	18.06 1.29 -3.98	17.46 1.44 -1.77	18.17 1.48 -1.90	19.46 1.52 -2.76	20.54 1.52 -3.82	22.34 1.87 -2.65	22.78 1.86 -2.99	26.78 1.80 -6.60	27.09 1.82 -6.90	27.42 1.82 -7.22	28.08 1.79 -8.16	28.10 1.97 -7.70	27.75 2.23 -5.63	29.55 2.29 -7.01	31.68 2.53 -6.71	29.64 2.80 -2.03	28.21 2.74 -1.00	27.81 2.47 -2.71	27.78 2.41 -3.31	23.06 2.36 -0.16	21.71 1.93 -1.43
BRISTLHL_115KV_TB1 79998	18.37 -0.26 -0.23	15.28 -0.23 -0.28	14.47 -0.22 -0.26	12.94 -0.18 -0.33	14.20 -0.20 -0.15	14.74 -0.21 -0.16	15.18 -0.23 -0.23	15.29 -0.23 -0.32	17.75 -0.29 -0.22	17.89 -0.29 -0.25	18.42 -0.24 -0.29	18.55 -0.24 -0.42	18.58 -0.24 -0.44	18.40 -0.25 -0.53	18.68 -0.24 -0.48	19.79 -0.28 -0.18	20.35 -0.30 -0.41	22.39 -0.36 -0.32	24.46 -0.35 0.00	24.11 -0.37 0.00	22.29 -0.34 0.00	21.76 -0.31 0.00	20.25 -0.29 0.00	18.20 -0.28 -0.12
BROOKHAVEN___DRP 24191	22.92 1.75 -2.78	19.99 1.43 -3.33	18.84 1.33 -3.08	17.95 1.18 -3.98	17.34 1.33 -1.77	18.10 1.41 -1.90	19.34 1.40 -2.76	20.40 1.38 -3.82	22.23 1.76 -2.65	22.60 1.69 -2.99	26.61 1.64 -6.60	26.91 1.64 -6.90	27.25 1.65 -7.22	28.00 1.72 -8.16	28.01 1.88 -7.70	27.57 2.05 -5.63	29.44 2.19 -7.01	31.59 2.44 -6.71	29.54 2.70 -2.03	28.04 2.57 -1.00	27.61 2.26 -2.71	27.58 2.21 -3.31	22.93 2.24 -0.16	21.60 1.82 -1.43
BROOKLYN_NAVY_YARD 23515	22.49 1.33 -2.78	19.64 1.08 -3.32	18.51 1.00 -3.08	17.63 0.86 -3.98	16.94 0.93 -1.76	17.66 0.96 -1.90	18.99 1.05 -2.76	20.07 1.05 -3.82	21.75 1.28 -2.65	22.21 1.29 -2.99	23.17 1.29 -3.51	24.76 1.30 -5.08	25.11 1.36 -5.37	25.91 1.32 -6.46	25.85 1.51 -5.91	23.75 1.71 -2.15	26.98 1.78 -4.95	28.32 1.95 -3.93	26.97 2.16 0.00	26.53 2.06 0.00	24.44 1.81 0.00	23.83 1.77 0.00	22.12 1.58 0.00	21.01 1.25 -1.41
BROOKLYN___ARMY_DRP 323595	22.70 1.53 -2.78	19.83 1.26 -3.33	18.69 1.17 -3.09	17.77 1.00 -3.98	17.11 1.08 -1.77	17.80 1.11 -1.90	19.11 1.17 -2.76	20.13 1.11 -3.82	21.82 1.35 -2.65	22.24 1.33 -2.99	23.28 1.40 -3.51	24.87 1.41 -5.08	25.23 1.49 -5.37	26.07 1.47 -6.48	25.98 1.62 -5.93	23.91 1.87 -2.15	32.34 1.92 -10.17	31.66 2.11 -7.12	27.12 2.31 0.00	26.72 2.25 0.00	24.58 1.95 0.00	23.99 1.92 0.00	22.47 1.93 0.00	21.20 1.43 -1.41

BROOKVLE_69_KV_TB1 55790	22.83 1.66 -2.78	19.91 1.36 -3.33	18.79 1.27 -3.08	17.87 1.10 -3.98	17.23 1.21 -1.77	17.94 1.24 -1.90	19.25 1.31 -2.76	20.34 1.32 -3.82	22.07 1.60 -2.65	22.55 1.63 -2.99	26.57 1.60 -6.60	26.91 1.64 -6.90	27.27 1.67 -7.22	27.91 1.63 -8.16	27.91 1.79 -7.70	27.55 2.03 -5.63	29.34 2.09 -7.01	31.43 2.29 -6.71	29.37 2.53 -2.03	27.92 2.45 -1.00	27.54 2.20 -2.71	27.54 2.16 -3.31	22.73 2.03 -0.16	21.38 1.60 -1.43
BROOME_2_LFGE 323671	19.43 0.15 -0.89	16.36 0.06 -1.07	15.50 0.07 -0.99	14.15 0.08 -1.28	14.91 0.09 -0.57	15.49 0.09 -0.61	16.13 0.06 -0.89	16.49 0.06 -1.23	18.70 0.04 -0.85	18.92 0.04 -0.96	19.58 0.09 -1.12	20.08 0.09 -1.61	20.17 0.09 -1.71	20.23 0.05 -2.05	20.47 0.17 -1.88	20.81 0.24 -0.68	22.07 0.24 -1.57	23.95 0.27 -1.25	25.23 0.42 0.00	24.91 0.44 0.00	23.06 0.43 0.00	22.48 0.42 0.00	20.86 0.33 0.00	18.91 0.11 -0.45
BROOME__LFGE 323600	19.43 0.15 -0.89	16.36 0.06 -1.07	15.50 0.07 -0.99	14.15 0.08 -1.28	14.91 0.09 -0.57	15.49 0.09 -0.61	16.13 0.06 -0.89	16.49 0.06 -1.23	18.70 0.04 -0.85	18.92 0.04 -0.96	19.58 0.09 -1.12	20.08 0.09 -1.61	20.17 0.09 -1.71	20.23 0.05 -2.05	20.47 0.17 -1.88	20.81 0.24 -0.68	22.07 0.24 -1.57	23.95 0.27 -1.25	25.23 0.42 0.00	24.91 0.44 0.00	23.06 0.43 0.00	22.48 0.42 0.00	20.86 0.33 0.00	18.91 0.11 -0.45
BROWNFLS_115KV_TB_3_5 80003	18.25 -0.22 -0.08	15.14 -0.18 -0.09	14.32 -0.20 -0.09	12.73 -0.18 -0.11	14.09 -0.21 -0.05	14.67 -0.18 -0.05	15.07 -0.18 -0.08	15.14 -0.17 -0.11	17.66 -0.23 -0.07	17.72 -0.29 -0.08	18.21 -0.26 -0.10	18.24 -0.28 -0.14	18.19 -0.33 -0.15	17.98 -0.33 -0.18	18.19 -0.41 -0.16	19.51 -0.44 -0.06	19.96 -0.43 -0.14	22.14 -0.40 -0.11	24.36 -0.45 0.00	24.13 -0.34 0.00	22.36 -0.27 0.00	21.78 -0.29 0.00	20.25 -0.29 0.00	18.17 -0.22 -0.04
BROWNSV1_27_KV_LOAD 356125	22.62 1.45 -2.78	19.76 1.20 -3.32	18.63 1.11 -3.08	17.73 0.96 -3.98	17.06 1.04 -1.76	17.77 1.08 -1.90	19.09 1.15 -2.76	20.17 1.16 -3.82	21.87 1.41 -2.65	22.33 1.42 -2.99	23.33 1.45 -3.51	24.92 1.47 -5.08	25.27 1.53 -5.37	26.07 1.49 -6.46	26.00 1.66 -5.91	23.93 1.89 -2.15	27.16 1.96 -4.95	28.52 2.15 -3.93	27.19 2.38 0.00	26.75 2.28 0.00	24.65 2.01 0.00	24.03 1.96 0.00	22.40 1.87 0.00	21.16 1.39 -1.41
BURROWS__LYONSDAL 23803	18.77 0.28 -0.10	15.56 0.21 -0.12	14.72 0.17 -0.11	13.08 0.14 -0.14	14.46 0.14 -0.06	15.07 0.21 -0.07	15.48 0.20 -0.10	15.52 0.18 -0.14	18.11 0.20 -0.10	18.20 0.16 -0.11	18.72 0.22 -0.13	18.81 0.26 -0.18	18.75 0.18 -0.19	18.54 0.18 -0.23	18.81 0.17 -0.21	20.15 0.18 -0.08	20.61 0.18 -0.18	22.82 0.25 -0.14	25.16 0.35 0.00	24.89 0.42 0.00	23.06 0.43 0.00	22.46 0.40 0.00	20.86 0.33 0.00	18.66 0.26 -0.05
CAITHNESS_CC_1 323624	22.93 1.75 -2.79	20.03 1.46 -3.33	18.85 1.33 -3.09	17.98 1.20 -3.98	17.35 1.33 -1.77	18.09 1.39 -1.91	19.33 1.38 -2.77	20.41 1.38 -3.83	22.22 1.75 -2.66	22.61 1.68 -3.00	26.59 1.62 -6.60	26.91 1.63 -6.90	27.23 1.63 -7.22	27.97 1.69 -8.15	27.99 1.86 -7.69	27.55 2.03 -5.63	29.42 2.17 -7.01	31.54 2.40 -6.71	29.49 2.66 -2.03	27.99 2.52 -1.00	27.56 2.22 -2.71	27.56 2.19 -3.31	22.81 2.12 -0.16	21.59 1.80 -1.43
CALPINE BETH_PAGE_GT4 24209	22.94 1.77 -2.78	20.02 1.46 -3.33	18.87 1.36 -3.08	17.95 1.18 -3.98	17.32 1.30 -1.77	18.03 1.33 -1.90	19.34 1.40 -2.76	20.43 1.41 -3.82	22.18 1.71 -2.65	22.64 1.72 -2.99	26.59 1.62 -6.60	26.91 1.64 -6.90	27.27 1.67 -7.22	27.91 1.63 -8.16	27.93 1.81 -7.70	27.55 2.03 -5.63	29.36 2.11 -7.01	31.45 2.31 -6.71	29.39 2.56 -2.03	27.97 2.50 -1.00	27.56 2.22 -2.71	27.56 2.18 -3.31	22.85 2.16 -0.16	21.51 1.73 -1.43
CALPINE_BETH_PAGE_GT_4 323586	22.96 1.78 -2.79	20.03 1.46 -3.33	18.88 1.36 -3.09	17.97 1.19 -3.98	17.32 1.30 -1.77	18.04 1.33 -1.91	19.34 1.40 -2.77	20.44 1.41 -3.83	22.19 1.71 -2.66	22.65 1.72 -3.00	26.59 1.62 -6.60	26.91 1.63 -6.90	27.27 1.67 -7.22	27.91 1.63 -8.15	27.93 1.81 -7.70	27.55 2.03 -5.63	29.36 2.11 -7.01	31.45 2.31 -6.71	29.39 2.56 -2.03	27.97 2.50 -1.00	27.56 2.22 -2.71	27.56 2.19 -3.31	22.75 2.05 -0.16	21.51 1.72 -1.43
CALPINE_BP_GT1 23823	22.96 1.78 -2.79	20.03 1.46 -3.33	18.88 1.36 -3.09	17.97 1.19 -3.98	17.32 1.30 -1.77	18.04 1.33 -1.91	19.34 1.40 -2.77	20.44 1.41 -3.83	22.19 1.71 -2.66	22.65 1.72 -3.00	26.59 1.62 -6.60	26.91 1.63 -6.90	27.27 1.67 -7.22	27.91 1.63 -8.15	27.93 1.81 -7.70	27.55 2.03 -5.63	29.36 2.11 -7.01	31.45 2.31 -6.71	29.39 2.56 -2.03	27.97 2.50 -1.00	27.56 2.22 -2.71	27.56 2.19 -3.31	22.75 2.05 -0.16	21.51 1.72 -1.43
CALSPAN__DRP 24200	18.33 -0.53 -0.47	15.25 -0.55 -0.57	14.51 -0.45 -0.52	13.16 -0.31 -0.68	14.24 -0.31 -0.30	14.75 -0.37 -0.32	15.18 -0.47 -0.47	15.36 -0.49 -0.65	17.46 -0.80 -0.45	17.72 -0.72 -0.51	18.23 -0.73 -0.59	18.55 -0.68 -0.85	18.52 -0.75 -0.90	18.38 -0.83 -1.09	18.78 -0.65 -0.99	19.71 -0.54 -0.36	20.62 -0.47 -0.83	22.53 -0.56 -0.66	24.49 -0.32 0.00	24.45 -0.02 0.00	22.66 0.02 0.00	22.09 0.02 0.00	20.33 -0.21 0.00	18.10 -0.50 -0.24
CALVERTON__SOLAR 323806	22.98 1.80 -2.79	20.07 1.51 -3.33	18.88 1.36 -3.09	18.01 1.23 -3.98	17.38 1.35 -1.77	18.14 1.43 -1.91	19.37 1.43 -2.77	20.44 1.41 -3.83	22.29 1.82 -2.66	22.66 1.74 -3.00	26.65 1.67 -6.60	26.94 1.67 -6.90	27.28 1.69 -7.22	28.06 1.78 -8.15	28.08 1.95 -7.69	27.63 2.11 -5.63	29.52 2.27 -7.01	31.67 2.53 -6.71	29.64 2.80 -2.03	28.11 2.64 -1.00	27.68 2.33 -2.71	27.67 2.29 -3.31	22.91 2.22 -0.16	21.68 1.89 -1.43
CANDIGU_WT_PWR 323617	18.86 -0.15 -0.62	15.71 -0.26 -0.74	14.92 -0.20 -0.69	13.54 -0.14 -0.89	14.52 -0.13 -0.39	15.05 -0.16 -0.42	15.57 -0.23 -0.61	15.81 -0.24 -0.85	17.98 -0.43 -0.59	18.20 -0.39 -0.67	18.76 -0.39 -0.77	19.05 -0.44 -1.12	19.10 -0.46 -1.18	18.99 -0.56 -1.42	19.33 -0.41 -1.30	20.07 -0.30 -0.47	21.10 -0.24 -1.09	23.03 -0.27 -0.87	24.81 0.00 0.00	24.67 0.19 0.00	22.91 0.27 0.00	22.29 0.22 0.00	20.68 0.14 0.00	18.43 -0.24 -0.31
CARR STREET_E_SYR 24060	18.58 -0.07 -0.26	15.45 -0.09 -0.31	14.64 -0.09 -0.29	13.09 -0.08 -0.37	14.33 -0.09 -0.17	14.88 -0.09 -0.18	15.33 -0.11 -0.26	15.46 -0.11 -0.36	17.92 -0.14 -0.25	18.08 -0.12 -0.28	18.61 -0.09 -0.33	18.77 -0.07 -0.47	18.80 -0.07 -0.50	18.64 -0.09 -0.60	18.93 -0.06 -0.55	20.03 -0.06 -0.20	20.63 -0.08 -0.46	22.69 -0.11 -0.37	24.73 -0.07 0.00	24.38 -0.10 0.00	22.54 -0.09 0.00	21.98 -0.09 0.00	20.47 -0.06 0.00	18.38 -0.11 -0.13
CARTHAGE__PAPER 23857	18.66 0.13 -0.13	15.48 0.09 -0.16	14.63 0.04 -0.15	13.04 0.05 -0.19	14.38 0.04 -0.09	14.97 0.09 -0.09	15.37 0.06 -0.13	15.43 0.05 -0.19	17.96 0.02 -0.13	18.02 -0.05 -0.15	18.56 0.02 -0.17	18.66 0.04 -0.24	18.56 -0.07 -0.26	18.33 -0.11 -0.31	18.55 -0.17 -0.28	19.79 -0.20 -0.10	20.30 -0.18 -0.24	22.51 -0.11 -0.19	24.83 0.02 0.00	24.67 0.19 0.00	22.91 0.27 0.00	22.31 0.24 0.00	20.72 0.18 0.00	18.55 0.13 -0.07

CASSADAGA_WT_PWR 323784	18.67 -0.22 -0.50	15.46 -0.37 -0.60	14.73 -0.26 -0.55	13.39 -0.12 -0.72	14.49 -0.09 -0.32	15.02 -0.12 -0.34	15.46 -0.21 -0.50	15.68 -0.21 -0.69	17.85 -0.44 -0.48	18.11 -0.36 -0.54	18.59 -0.40 -0.62	18.82 -0.46 -0.90	18.80 -0.53 -0.96	18.60 -0.67 -1.15	19.00 -0.48 -1.05	19.91 -0.36 -0.38	20.91 -0.22 -0.88	22.84 -0.29 -0.70	24.96 0.15 0.00	25.01 0.54 0.00	23.24 0.61 0.00	22.66 0.60 0.00	20.97 0.43 0.00	18.42 -0.18 -0.25
CE_DUNWOOD___DRP 24194	22.38 1.21 -2.77	19.55 1.01 -3.32	18.45 0.94 -3.08	17.57 0.81 -3.97	16.90 0.88 -1.76	17.59 0.90 -1.90	18.90 0.97 -2.75	19.97 0.96 -3.81	21.65 1.19 -2.65	22.11 1.20 -2.98	23.11 1.23 -3.50	24.69 1.25 -5.07	25.02 1.29 -5.36	25.82 1.25 -6.44	25.73 1.40 -5.90	23.64 1.61 -2.14	26.85 1.66 -4.94	28.17 1.82 -3.93	26.82 2.01 0.00	26.41 1.93 0.00	24.35 1.72 0.00	23.77 1.70 0.00	22.12 1.58 0.00	20.94 1.17 -1.41
CE_MILLWOOD___DRP 24193	22.33 1.18 -2.76	19.51 0.97 -3.31	18.41 0.91 -3.06	17.53 0.78 -3.95	16.86 0.86 -1.75	17.56 0.87 -1.89	18.85 0.93 -2.74	19.92 0.93 -3.80	21.61 1.16 -2.64	22.06 1.17 -2.97	23.06 1.19 -3.49	24.64 1.21 -5.05	24.94 1.23 -5.34	25.74 1.20 -6.42	25.65 1.35 -5.87	23.56 1.53 -2.13	26.77 1.60 -4.92	28.09 1.75 -3.91	26.72 1.91 0.00	26.33 1.86 0.00	24.29 1.65 0.00	23.70 1.63 0.00	22.08 1.54 0.00	20.90 1.14 -1.40
CE_NYC2_DRP 24202	22.57 1.40 -2.78	19.72 1.16 -3.33	18.61 1.08 -3.09	17.71 0.93 -3.98	17.04 1.01 -1.77	17.73 1.04 -1.90	19.03 1.09 -2.76	20.07 1.05 -3.82	21.75 1.28 -2.65	22.19 1.27 -2.99	23.21 1.32 -3.51	24.79 1.34 -5.08	25.14 1.40 -5.37	25.94 1.36 -6.46	25.87 1.53 -5.91	23.79 1.75 -2.15	27.00 1.80 -4.95	28.34 1.97 -3.93	26.99 2.18 0.00	26.58 2.10 0.00	24.47 1.83 0.00	23.88 1.81 0.00	22.32 1.79 0.00	21.09 1.32 -1.41
CE_NYC_DRP 24195	22.49 1.32 -2.77	19.65 1.10 -3.32	18.54 1.02 -3.08	17.65 0.88 -3.98	16.97 0.95 -1.76	17.69 0.99 -1.90	19.00 1.06 -2.76	20.07 1.05 -3.82	21.77 1.30 -2.65	22.22 1.31 -2.99	23.17 1.32 -3.48	24.66 1.34 -4.95	24.99 1.40 -5.22	25.74 1.36 -6.25	25.67 1.53 -5.71	23.72 1.75 -2.08	26.75 1.82 -4.68	28.09 2.00 -3.66	26.72 2.18 0.27	26.33 2.10 0.24	24.38 1.86 0.11	23.83 1.81 0.05	22.26 1.72 0.00	21.03 1.27 -1.41
CHAFFEE___LFGE 323603	18.44 -0.44 -0.49	15.25 -0.56 -0.59	14.51 -0.46 -0.54	13.16 -0.33 -0.70	14.22 -0.34 -0.31	14.73 -0.40 -0.33	15.18 -0.49 -0.49	15.37 -0.50 -0.67	17.46 -0.82 -0.47	17.72 -0.74 -0.53	18.23 -0.75 -0.61	18.49 -0.77 -0.88	18.52 -0.79 -0.93	18.38 -0.66 -1.12	18.80 -0.66 -1.03	19.71 -0.56 -0.37	20.65 -0.46 -0.86	22.53 -0.58 -0.68	24.54 -0.27 0.00	24.52 0.05 0.00	22.75 0.11 0.00	22.13 0.07 0.00	20.56 0.02 0.00	18.09 -0.51 -0.25
CHATEAUG_35_KV_LOAD 355732	18.39 0.00 0.00	15.21 -0.02 0.00	14.45 0.01 0.00	12.79 0.00 0.00	14.25 0.00 0.00	14.78 -0.01 0.00	15.24 0.06 0.00	15.29 0.09 0.00	17.87 0.05 0.00	17.94 0.02 0.00	18.32 -0.06 0.00	18.25 -0.13 0.00	18.25 -0.13 0.00	18.04 -0.09 0.00	18.25 -0.18 0.00	19.69 -0.20 0.00	20.11 -0.14 0.00	22.34 -0.09 0.00	24.56 -0.25 0.00	24.25 -0.22 0.00	22.43 -0.20 0.00	21.87 -0.20 0.00	20.39 -0.14 0.00	18.32 -0.04 0.00
CHATEAUG_WT_PWR 323614	18.36 -0.04 0.00	15.21 -0.02 0.00	14.45 0.01 0.00	12.81 0.01 0.00	14.27 0.01 0.00	14.78 -0.01 0.00	15.24 0.06 0.00	15.28 0.08 0.00	17.87 0.05 0.00	17.93 0.00 0.00	18.32 -0.05 0.00	18.28 -0.09 0.00	18.25 -0.13 0.00	18.04 -0.09 0.00	18.25 -0.18 0.00	19.71 -0.18 0.00	20.13 -0.12 0.00	22.34 -0.09 0.00	24.56 -0.25 0.00	24.25 -0.22 0.00	22.43 -0.20 0.00	21.87 -0.20 0.00	20.39 -0.14 0.00	18.32 -0.04 0.00
CHAT_HIGH_FALL_HYD 323578	18.36 -0.04 0.00	15.21 -0.02 0.00	14.45 0.01 0.00	12.79 0.00 0.00	14.25 0.00 0.00	14.78 -0.01 0.00	15.24 0.06 0.00	15.29 0.09 0.00	17.87 0.05 0.00	17.94 0.02 0.00	18.32 -0.05 0.00	18.27 -0.11 0.00	18.25 -0.13 0.00	18.04 -0.09 0.00	18.25 -0.18 0.00	19.69 -0.20 0.00	20.11 -0.14 0.00	22.34 -0.09 0.00	24.56 -0.25 0.00	24.25 -0.22 0.00	22.43 -0.20 0.00	21.87 -0.20 0.00	20.37 -0.17 0.00	18.32 -0.04 0.00
CHAUTAUQUA___LFGE 323629	18.66 -0.22 -0.49	15.43 -0.38 -0.59	14.70 -0.27 -0.54	13.35 -0.14 -0.70	14.45 -0.11 -0.31	14.95 -0.18 -0.34	15.41 -0.26 -0.49	15.60 -0.27 -0.67	17.76 -0.52 -0.47	18.01 -0.45 -0.53	18.53 -0.46 -0.61	18.76 -0.50 -0.88	18.78 -0.53 -0.94	18.62 -0.63 -1.12	19.04 -0.42 -1.03	19.97 -0.30 -0.37	20.91 -0.20 -0.86	22.85 -0.27 -0.69	24.86 0.05 0.00	24.84 0.37 0.00	23.06 0.43 0.00	22.46 0.40 0.00	20.82 0.29 0.00	18.36 -0.24 -0.25
CHERRYST_13_KV_LD 356241	22.54 1.38 -2.77	19.70 1.14 -3.32	18.57 1.05 -3.08	17.68 0.91 -3.98	17.00 0.98 -1.76	17.73 1.04 -1.90	19.05 1.11 -2.76	20.11 1.09 -3.82	21.82 1.35 -2.65	22.26 1.34 -2.99	23.23 1.38 -3.48	24.72 1.40 -4.95	25.04 1.45 -5.22	25.79 1.41 -6.25	25.74 1.60 -5.71	23.78 1.81 -2.08	26.81 1.88 -4.68	28.15 2.06 -3.66	26.82 2.28 0.27	26.41 2.18 0.24	24.45 1.92 0.11	23.89 1.88 0.05	22.32 1.79 0.00	21.09 1.32 -1.41
CHESTROR_138KV_BK263 355645	21.93 0.96 -2.59	19.12 0.79 -3.10	18.04 0.74 -2.87	17.14 0.64 -3.70	16.58 0.68 -1.64	17.26 0.70 -1.77	18.49 0.74 -2.57	19.49 0.73 -3.56	21.19 0.91 -2.47	21.64 0.93 -2.78	22.57 0.94 -3.26	24.05 0.96 -4.72	24.34 0.97 -4.99	25.07 0.94 -6.00	25.01 1.09 -5.49	23.14 1.25 -2.00	26.15 1.30 -4.60	27.50 1.41 -3.66	26.37 1.56 0.00	25.99 1.52 0.00	24.01 1.38 0.00	23.43 1.37 0.00	21.79 1.25 0.00	20.58 0.92 -1.31
CH_MIDHUDSON___DRP 24192	22.38 1.16 -2.83	19.58 0.96 -3.39	18.47 0.89 -3.14	17.61 0.77 -4.05	16.89 0.84 -1.80	17.59 0.86 -1.94	18.90 0.91 -2.81	19.99 0.90 -3.89	21.64 1.12 -2.71	22.10 1.13 -3.05	23.09 1.14 -3.57	24.68 1.14 -5.17	25.00 1.16 -5.47	25.84 1.14 -6.57	25.72 1.27 -6.01	23.51 1.43 -2.19	26.77 1.48 -5.04	28.05 1.61 -4.01	26.62 1.81 0.00	26.24 1.76 0.00	24.24 1.61 0.00	23.66 1.59 0.00	22.01 1.48 0.00	20.89 1.10 -1.44
CH_MISC_IPPS 23765	22.41 1.23 -2.78	19.57 1.00 -3.33	18.46 0.94 -3.09	17.58 0.81 -3.98	16.89 0.87 -1.77	17.59 0.89 -1.91	18.89 0.94 -2.76	19.95 0.93 -3.83	21.63 1.16 -2.66	22.10 1.18 -2.99	23.06 1.18 -3.51	24.65 1.19 -5.08	24.94 1.19 -5.37	25.76 1.18 -6.46	25.65 1.31 -5.91	23.53 1.49 -2.15	26.74 1.54 -4.95	28.07 1.70 -3.94	26.72 1.91 0.00	26.33 1.86 0.00	24.33 1.70 0.00	23.74 1.68 0.00	22.02 1.48 0.00	20.92 1.16 -1.41
CH_RES_BVR_FALLS 23983	18.10 -0.29 0.00	15.00 -0.23 0.00	14.22 -0.22 0.00	12.58 -0.22 0.00	14.01 -0.24 0.00	14.54 -0.25 0.00	14.94 -0.24 0.00	14.97 -0.23 0.00	17.55 -0.27 0.00	17.62 -0.30 0.00	18.03 -0.35 0.00	18.01 -0.37 0.00	17.97 -0.40 0.00	17.73 -0.40 0.00	17.97 -0.46 0.00	19.39 -0.50 0.00	19.76 -0.49 0.00	21.92 -0.52 0.00	24.24 -0.57 0.00	23.93 -0.54 0.00	22.14 -0.50 0.00	21.58 -0.49 0.00	20.08 -0.45 0.00	18.04 -0.31 0.00

CH_RES_NIAGARA 23895	18.13 -0.70 -0.44	15.02 -0.73 -0.52	14.31 -0.61 -0.48	12.98 -0.44 -0.62	14.07 -0.46 -0.28	14.57 -0.52 -0.30	14.93 -0.68 -0.43	15.01 -0.79 -0.60	17.05 -1.18 -0.42	17.30 -1.09 -0.47	17.82 -1.10 -0.54	18.04 -1.12 -0.79	18.09 -1.12 -0.83	17.95 -1.18 -1.00	18.33 -1.01 -0.92	19.27 -0.95 -0.33	20.09 -0.93 -0.77	21.94 -1.10 -0.61	23.69 -1.12 0.00	23.59 -0.88 0.00	21.93 -0.70 0.00	21.34 -0.73 0.00	19.88 -0.66 0.00	17.69 -0.88 -0.22
CH_RES_SYRACUSE 23985	18.70 0.02 -0.29	15.56 -0.02 -0.35	14.74 -0.01 -0.32	13.20 -0.01 -0.42	14.44 0.00 -0.19	14.99 0.00 -0.20	15.45 -0.02 -0.29	15.59 -0.02 -0.40	18.06 -0.04 -0.28	18.20 -0.04 -0.31	18.76 0.02 -0.36	18.94 0.04 -0.53	18.97 0.04 -0.56	18.81 0.02 -0.67	19.10 0.06 -0.61	20.19 0.08 -0.22	20.80 0.04 -0.51	22.86 0.02 -0.41	24.88 0.07 0.00	24.50 0.02 0.00	22.68 0.05 0.00	22.09 0.02 0.00	20.58 0.04 0.00	18.48 -0.02 -0.15
CLINTON_WT_PWR 323605	18.36 -0.04 0.00	15.21 -0.02 0.00	14.45 0.01 0.00	12.81 0.01 0.00	14.27 0.01 0.00	14.78 -0.01 0.00	15.24 0.06 0.00	15.28 0.08 0.00	17.87 0.05 0.00	17.93 0.00 0.00	18.32 -0.05 0.00	18.28 -0.09 0.00	18.25 -0.13 0.00	18.04 -0.09 0.00	18.25 -0.18 0.00	19.71 -0.18 0.00	20.13 -0.12 0.00	22.34 -0.09 0.00	24.56 -0.25 0.00	24.25 -0.22 0.00	22.43 -0.20 0.00	21.87 -0.20 0.00	20.39 -0.14 0.00	18.32 -0.04 0.00
CLINTON___LFGE 323618	18.50 0.11 0.00	15.32 0.09 0.00	14.55 0.11 0.00	12.90 0.10 0.00	14.35 0.10 0.00	14.88 0.09 0.00	15.36 0.18 0.00	15.41 0.21 0.00	18.03 0.21 0.00	18.09 0.16 0.00	18.47 0.09 0.00	18.41 0.04 0.00	18.37 0.00 0.00	18.16 0.04 0.00	18.39 -0.04 0.00	19.87 -0.02 0.00	20.31 0.06 0.00	22.59 0.16 0.00	24.78 -0.02 0.00	24.47 0.00 0.00	22.63 0.00 0.00	22.07 0.00 0.00	20.56 0.02 0.00	18.47 0.11 0.00
COBBLENY_34_KV_TB1 80064	18.33 -0.55 -0.49	15.25 -0.56 -0.59	14.51 -0.46 -0.54	13.16 -0.33 -0.70	14.22 -0.34 -0.31	14.73 -0.40 -0.33	15.18 -0.49 -0.49	15.37 -0.50 -0.67	17.46 -0.82 -0.47	17.72 -0.74 -0.53	18.23 -0.75 -0.61	18.54 -0.72 -0.88	18.52 -0.79 -0.93	18.38 -0.87 -1.12	18.79 -0.66 -1.03	19.71 -0.56 -0.37	20.64 -0.47 -0.86	22.53 -0.58 -0.68	24.54 -0.27 0.00	24.52 0.05 0.00	22.70 0.07 0.00	22.13 0.07 0.00	20.37 -0.16 0.00	18.09 -0.51 -0.25
COFFEEN___115KV_TB3 355620	18.86 0.31 -0.15	15.67 0.26 -0.18	14.79 0.19 -0.17	13.19 0.18 -0.22	14.54 0.19 -0.10	15.15 0.25 -0.10	15.53 0.20 -0.15	15.58 0.17 -0.21	18.10 0.14 -0.15	18.16 0.07 -0.16	18.79 0.22 -0.19	18.89 0.24 -0.28	18.76 0.09 -0.29	18.51 0.04 -0.35	18.73 -0.02 -0.32	19.95 -0.06 -0.12	20.48 -0.04 -0.27	22.71 0.07 -0.21	25.08 0.27 0.00	24.99 0.51 0.00	23.20 0.57 0.00	22.60 0.53 0.00	20.95 0.41 0.00	18.76 0.33 -0.08
COLDSPRG_115KV_BK1 355956	18.52 -0.39 -0.52	15.42 -0.43 -0.62	14.67 -0.33 -0.57	13.33 -0.20 -0.74	14.40 -0.19 -0.33	14.92 -0.22 -0.35	15.39 -0.30 -0.51	15.61 -0.30 -0.71	17.75 -0.55 -0.49	18.02 -0.47 -0.55	18.52 -0.50 -0.64	18.83 -0.48 -0.93	18.77 -0.59 -0.99	18.60 -0.71 -1.19	19.04 -0.48 -1.08	19.95 -0.34 -0.39	20.96 -0.20 -0.91	22.86 -0.29 -0.72	25.06 0.25 0.00	25.09 0.61 0.00	23.24 0.61 0.00	22.68 0.62 0.00	20.80 0.27 0.00	18.34 -0.28 -0.26
COLONIE_LFGE___ 323577	22.80 0.92 -3.48	20.13 0.73 -4.17	19.01 0.71 -3.87	18.41 0.63 -4.99	17.18 0.71 -2.22	17.90 0.72 -2.39	19.40 0.76 -3.46	20.77 0.77 -4.79	22.12 0.98 -3.33	25.30 1.00 -6.37	27.15 1.01 -7.77	31.94 0.99 -12.57	30.20 0.97 -10.86	35.23 0.96 -16.14	29.13 1.01 -9.69	23.66 1.09 -2.67	27.53 1.11 -6.16	28.59 1.26 -4.90	30.27 1.41 -4.05	25.79 1.32 0.00	23.85 1.22 0.00	23.26 1.19 0.00	21.69 1.15 0.00	21.01 0.90 -1.76
COOPERNY_115KV_TB1 80082	21.21 0.72 -2.10	18.34 0.59 -2.52	17.32 0.55 -2.34	16.28 0.47 -3.01	16.10 0.51 -1.34	16.75 0.52 -1.44	17.82 0.55 -2.09	18.64 0.55 -2.89	20.50 0.68 -2.01	20.87 0.68 -2.26	21.72 0.70 -2.65	22.93 0.72 -3.83	23.17 0.73 -4.06	23.69 0.69 -4.88	23.70 0.81 -4.46	22.47 0.95 -1.62	24.98 0.99 -3.74	26.48 1.08 -2.97	26.00 1.19 0.00	25.65 1.17 0.00	23.70 1.06 0.00	23.10 1.04 0.00	21.48 0.94 0.00	20.10 0.68 -1.07
COPENHAGEN_WT_PWR 323753	18.73 0.18 -0.16	15.56 0.14 -0.19	14.68 0.07 -0.18	13.11 0.09 -0.23	14.44 0.09 -0.10	15.03 0.13 -0.11	15.43 0.09 -0.16	15.48 0.06 -0.22	18.00 0.04 -0.15	18.08 -0.02 -0.17	18.66 0.09 -0.20	18.75 0.09 -0.29	18.68 0.00 -0.30	18.44 -0.05 -0.36	18.67 -0.09 -0.33	19.87 -0.14 -0.12	20.39 -0.14 -0.28	22.58 -0.07 -0.22	24.91 0.10 0.00	24.74 0.27 0.00	22.97 0.34 0.00	22.38 0.31 0.00	20.78 0.25 0.00	18.60 0.16 -0.08
CORNELL___ 23752	19.38 0.37 -0.62	16.25 0.27 -0.75	15.38 0.26 -0.69	13.90 0.22 -0.89	14.91 0.26 -0.40	15.49 0.27 -0.43	16.06 0.26 -0.62	16.32 0.26 -0.86	18.66 0.25 -0.60	18.83 0.23 -0.67	19.47 0.31 -0.78	19.81 0.31 -1.13	19.86 0.29 -1.19	19.83 0.27 -1.43	20.07 0.33 -1.31	20.78 0.42 -0.48	21.73 0.38 -1.10	23.77 0.47 -0.87	25.48 0.67 0.00	25.13 0.66 0.00	23.27 0.63 0.00	22.66 0.60 0.00	21.05 0.51 0.00	19.00 0.33 -0.31
CORONAAV_69_KV_TB1 355595	22.88 1.71 -2.78	19.97 1.42 -3.33	18.84 1.33 -3.08	17.91 1.14 -3.98	17.27 1.25 -1.77	18.00 1.30 -1.90	19.32 1.38 -2.76	20.39 1.37 -3.82	22.12 1.66 -2.65	22.58 1.67 -2.99	26.56 1.58 -6.60	26.89 1.62 -6.90	27.25 1.65 -7.22	27.88 1.60 -8.16	27.90 1.77 -7.70	27.51 1.99 -5.63	29.32 2.07 -7.01	31.41 2.27 -6.71	29.34 2.51 -2.03	27.92 2.45 -1.00	27.54 2.20 -2.71	27.54 2.16 -3.31	22.75 2.05 -0.16	21.44 1.65 -1.43
CORTLAND_115KV_TB3 80093	19.12 0.22 -0.51	16.00 0.17 -0.61	15.14 0.14 -0.56	13.65 0.13 -0.73	14.72 0.14 -0.32	15.30 0.16 -0.35	15.84 0.15 -0.50	16.04 0.14 -0.70	18.44 0.14 -0.48	18.62 0.14 -0.55	19.21 0.20 -0.63	19.51 0.22 -0.92	19.55 0.20 -0.97	19.46 0.16 -1.17	19.74 0.24 -1.07	20.58 0.30 -0.39	21.43 0.28 -0.89	23.46 0.31 -0.71	25.25 0.45 0.00	24.91 0.44 0.00	23.06 0.43 0.00	22.46 0.40 0.00	20.86 0.33 0.00	18.81 0.20 -0.25
COXSACKIE___GT 23611	22.79 1.14 -3.25	19.98 0.85 -3.90	18.90 0.85 -3.61	18.28 0.83 -4.66	17.25 0.93 -2.07	17.95 0.93 -2.23	19.39 0.97 -3.23	20.65 0.97 -4.47	22.03 1.10 -3.11	22.00 1.35 -2.73	22.69 1.25 -3.06	23.63 1.21 -4.04	24.49 1.12 -4.99	24.36 1.14 -5.09	25.78 1.20 -6.15	23.45 1.07 -2.49	27.03 1.05 -5.73	28.29 1.30 -4.56	25.40 1.79 1.19	26.14 1.67 0.00	24.33 1.70 0.00	23.74 1.68 0.00	22.12 1.58 0.00	21.09 1.10 -1.63
CPV_VALLEY___CC1 323721	21.64 0.83 -2.41	18.79 0.67 -2.89	17.73 0.62 -2.68	16.79 0.54 -3.46	16.37 0.58 -1.53	17.04 0.59 -1.65	18.22 0.64 -2.40	19.15 0.62 -3.32	20.90 0.78 -2.31	21.31 0.79 -2.60	22.23 0.81 -3.04	23.61 0.83 -4.41	23.88 0.85 -4.66	24.54 0.82 -5.60	24.50 0.94 -5.13	22.85 1.09 -1.86	25.68 1.13 -4.29	27.08 1.23 -3.41	26.17 1.36 0.00	25.79 1.32 0.00	23.83 1.20 0.00	23.26 1.19 0.00	21.56 1.03 0.00	20.35 0.77 -1.22

CPV_VALLEY___CC2 323722	21.64 0.83 -2.41	18.79 0.67 -2.89	17.73 0.62 -2.68	16.79 0.54 -3.46	16.37 0.58 -1.53	17.04 0.59 -1.65	18.22 0.64 -2.40	19.15 0.62 -3.32	20.90 0.78 -2.31	21.31 0.79 -2.60	22.23 0.81 -3.04	23.61 0.83 -4.41	23.88 0.85 -4.66	24.54 0.82 -5.60	24.50 0.94 -5.13	22.85 1.09 -1.86	25.68 1.13 -4.29	27.08 1.23 -3.41	26.17 1.36 0.00	25.79 1.32 0.00	23.83 1.20 0.00	23.26 1.19 0.00	21.56 1.03 0.00	20.35 0.77 -1.22
CRESCENT___HYD 24018	22.80 0.92 -3.48	20.13 0.73 -4.17	19.01 0.71 -3.87	18.41 0.63 -4.99	17.18 0.71 -2.22	17.90 0.72 -2.39	19.40 0.76 -3.46	20.77 0.77 -4.79	22.12 0.98 -3.33	25.30 1.00 -6.37	27.15 1.01 -7.77	31.94 0.99 -12.57	30.20 0.97 -10.86	35.23 0.96 -16.14	29.13 1.01 -9.69	23.66 1.09 -2.67	27.53 1.11 -6.16	28.59 1.26 -4.90	30.27 1.41 -4.05	25.79 1.32 0.00	23.85 1.22 0.00	23.26 1.19 0.00	21.69 1.15 0.00	21.01 0.90 -1.76
CRICKET___VALLEY_CC1 323756	22.30 0.99 -2.92	19.57 0.85 -3.49	18.48 0.81 -3.24	17.67 0.70 -4.18	16.89 0.78 -1.85	17.57 0.78 -2.00	18.90 0.82 -2.90	20.03 0.82 -4.01	21.62 1.01 -2.79	22.18 1.02 -3.23	23.09 1.03 -3.69	24.74 1.03 -5.34	25.07 1.05 -5.65	25.93 1.01 -6.79	25.78 1.14 -6.21	23.44 1.29 -2.26	26.75 1.30 -5.20	27.98 1.41 -4.14	26.40 1.59 0.00	25.99 1.52 0.00	23.99 1.36 0.00	23.41 1.35 0.00	21.77 1.23 0.00	20.79 0.95 -1.48
CRICKET___VALLEY_CC2 323757	22.30 0.99 -2.92	19.57 0.85 -3.49	18.48 0.81 -3.24	17.67 0.70 -4.18	16.89 0.78 -1.85	17.57 0.78 -2.00	18.90 0.82 -2.90	20.03 0.82 -4.01	21.62 1.01 -2.79	22.18 1.02 -3.23	23.09 1.03 -3.69	24.74 1.03 -5.34	25.07 1.05 -5.65	25.93 1.01 -6.79	25.78 1.14 -6.21	23.44 1.29 -2.26	26.75 1.30 -5.20	27.98 1.41 -4.14	26.40 1.59 0.00	25.99 1.52 0.00	23.99 1.36 0.00	23.41 1.35 0.00	21.77 1.23 0.00	20.79 0.95 -1.48
CRICKET___VALLEY_CC3 323758	22.30 0.99 -2.92	19.57 0.85 -3.49	18.48 0.81 -3.24	17.67 0.70 -4.18	16.89 0.78 -1.85	17.57 0.78 -2.00	18.90 0.82 -2.90	20.03 0.82 -4.01	21.62 1.01 -2.79	22.18 1.02 -3.23	23.09 1.03 -3.69	24.74 1.03 -5.34	25.07 1.05 -5.65	25.93 1.01 -6.79	25.78 1.14 -6.21	23.44 1.29 -2.26	26.75 1.30 -5.20	27.98 1.41 -4.14	26.40 1.59 0.00	25.99 1.52 0.00	23.99 1.36 0.00	23.41 1.35 0.00	21.77 1.23 0.00	20.79 0.95 -1.48
CRUCIBLE_METL_DRP 24180	18.68 0.00 -0.29	15.56 -0.02 -0.35	14.74 -0.01 -0.32	13.20 -0.01 -0.42	14.44 0.00 -0.19	14.99 0.00 -0.20	15.45 -0.02 -0.29	15.59 -0.02 -0.40	18.06 -0.04 -0.28	18.20 -0.04 -0.31	18.78 0.04 -0.36	18.94 0.04 -0.53	18.97 0.04 -0.56	18.81 0.02 -0.67	19.10 0.06 -0.61	20.19 0.08 -0.22	20.80 0.04 -0.51	22.86 0.02 -0.41	24.88 0.07 0.00	24.50 0.02 0.00	22.66 0.02 0.00	22.09 0.02 0.00	20.56 0.02 0.00	18.48 -0.02 -0.15
DAHOWA___HYDRO 323763	23.09 1.16 -3.54	20.38 0.91 -4.24	19.23 0.87 -3.93	18.62 0.75 -5.07	17.37 0.87 -2.25	18.11 0.89 -2.43	19.61 0.91 -3.52	21.00 0.93 -4.87	22.37 1.18 -3.38	24.27 1.20 -5.14	25.73 1.19 -6.16	29.15 1.18 -9.60	28.38 1.10 -8.91	31.50 1.09 -12.28	28.15 1.07 -8.65	23.75 1.15 -2.71	27.77 1.28 -6.25	28.85 1.46 -4.97	28.54 1.66 -2.07	26.11 1.64 0.00	24.19 1.56 0.00	23.57 1.50 0.00	22.14 1.60 0.00	21.44 1.30 -1.78
DANC___LFGE 323619	18.60 0.02 -0.19	15.45 0.00 -0.22	14.61 -0.03 -0.21	13.05 -0.01 -0.26	14.36 -0.01 -0.12	14.92 0.00 -0.13	15.33 -0.03 -0.18	15.41 -0.05 -0.25	17.90 -0.09 -0.18	18.00 -0.12 -0.20	18.57 -0.04 -0.23	18.67 -0.04 -0.33	18.64 -0.09 -0.35	18.43 -0.13 -0.43	18.67 -0.15 -0.39	19.83 -0.20 -0.14	20.35 -0.22 -0.33	22.49 -0.20 -0.26	24.71 -0.10 0.00	24.47 0.00 0.00	22.70 0.07 0.00	22.16 0.09 0.00	20.60 0.06 0.00	18.45 0.00 -0.09
DANSKAMMER___1 23586	22.41 1.23 -2.78	19.57 1.00 -3.33	18.46 0.94 -3.09	17.58 0.81 -3.98	16.89 0.87 -1.77	17.59 0.89 -1.91	18.89 0.94 -2.76	19.95 0.93 -3.83	21.63 1.16 -2.66	22.10 1.18 -2.99	23.06 1.18 -3.51	24.65 1.19 -5.08	24.94 1.19 -5.37	25.76 1.18 -6.46	25.65 1.31 -5.91	23.53 1.49 -2.15	26.74 1.54 -4.95	28.07 1.70 -3.94	26.72 1.91 0.00	26.33 1.86 0.00	24.33 1.70 0.00	23.74 1.68 0.00	22.02 1.48 0.00	20.92 1.16 -1.41
DANSKAMMER___2 23589	22.41 1.23 -2.78	19.57 1.00 -3.33	18.46 0.94 -3.09	17.58 0.81 -3.98	16.89 0.87 -1.77	17.59 0.89 -1.91	18.89 0.94 -2.76	19.95 0.93 -3.83	21.63 1.16 -2.66	22.10 1.18 -2.99	23.06 1.18 -3.51	24.65 1.19 -5.08	24.94 1.19 -5.37	25.76 1.18 -6.46	25.65 1.31 -5.91	23.53 1.49 -2.15	26.74 1.54 -4.95	28.07 1.70 -3.94	26.72 1.91 0.00	26.33 1.86 0.00	24.33 1.70 0.00	23.74 1.68 0.00	22.02 1.48 0.00	20.92 1.16 -1.41
DANSKAMMER___3 23590	22.41 1.23 -2.78	19.57 1.00 -3.33	18.46 0.94 -3.09	17.58 0.81 -3.98	16.89 0.87 -1.77	17.59 0.89 -1.91	18.89 0.94 -2.76	19.95 0.93 -3.83	21.63 1.16 -2.66	22.10 1.18 -2.99	23.06 1.18 -3.51	24.65 1.19 -5.08	24.94 1.19 -5.37	25.76 1.18 -6.46	25.65 1.31 -5.91	23.53 1.49 -2.15	26.74 1.54 -4.95	28.07 1.70 -3.94	26.72 1.91 0.00	26.33 1.86 0.00	24.33 1.70 0.00	23.74 1.68 0.00	22.02 1.48 0.00	20.92 1.16 -1.41
DANSKAMMER___4 23591	22.41 1.23 -2.78	19.57 1.00 -3.33	18.46 0.94 -3.09	17.58 0.81 -3.98	16.89 0.87 -1.77	17.59 0.89 -1.91	18.89 0.94 -2.76	19.95 0.93 -3.83	21.63 1.16 -2.66	22.10 1.18 -2.99	23.06 1.18 -3.51	24.65 1.19 -5.08	24.94 1.19 -5.37	25.76 1.18 -6.46	25.65 1.31 -5.91	23.53 1.49 -2.15	26.74 1.54 -4.95	28.07 1.70 -3.94	26.72 1.91 0.00	26.33 1.86 0.00	24.33 1.70 0.00	23.74 1.68 0.00	22.02 1.48 0.00	20.92 1.16 -1.41
DANSKAMMER___DIESEL 23592	22.41 1.23 -2.78	19.57 1.01 -3.33	18.46 0.94 -3.09	17.58 0.81 -3.98	16.89 0.87 -1.77	17.59 0.89 -1.91	18.89 0.94 -2.76	19.95 0.93 -3.83	21.63 1.16 -2.66	22.10 1.18 -2.99	23.06 1.18 -3.51	24.65 1.19 -5.08	24.94 1.19 -5.37	25.76 1.18 -6.46	25.65 1.31 -5.91	23.53 1.49 -2.15	26.74 1.54 -4.95	28.07 1.70 -3.94	26.72 1.91 0.00	26.33 1.86 0.00	24.33 1.70 0.00	23.74 1.68 0.00	22.10 1.56 0.00	20.92 1.16 -1.41
DARBY___SOLAR 323810	23.05 1.12 -3.53	20.34 0.88 -4.23	19.19 0.84 -3.92	18.59 0.74 -5.06	17.34 0.84 -2.25	18.07 0.86 -2.42	19.57 0.88 -3.51	20.96 0.90 -4.86	22.33 1.14 -3.38	24.39 1.16 -5.30	25.93 1.18 -6.37	29.52 1.16 -9.99	28.64 1.10 -9.16	31.98 1.07 -12.79	28.28 1.07 -8.78	23.75 1.15 -2.70	27.74 1.26 -6.24	28.80 1.41 -4.96	28.75 1.61 -2.33	26.06 1.59 0.00	24.13 1.49 0.00	23.52 1.46 0.00	22.06 1.52 0.00	21.36 1.23 -1.78
DASHVILLE___HYD 23610	22.13 0.86 -2.87	19.39 0.72 -3.44	18.29 0.66 -3.19	17.43 0.52 -4.12	16.64 0.56 -1.83	17.34 0.58 -1.97	18.67 0.64 -2.86	19.78 0.62 -3.95	21.38 0.82 -2.75	21.96 1.13 -2.90	22.86 1.14 -3.35	24.28 1.16 -4.75	24.76 1.18 -5.21	25.29 1.14 -6.02	25.64 1.31 -5.90	23.25 1.15 -2.21	26.53 1.19 -5.09	27.78 1.30 -4.05	26.39 1.89 0.31	26.06 1.59 0.00	24.06 1.43 0.00	23.50 1.43 0.00	21.89 1.36 0.00	20.60 0.79 -1.45

DEERFIELD_69_KV_DEERFIELD LD 355887	23.38 2.21 -2.78	20.35 1.80 -3.33	19.19 1.67 -3.08	18.25 1.48 -3.98	17.70 1.68 -1.77	18.47 1.78 -1.90	19.70 1.76 -2.76	20.78 1.76 -3.82	22.71 2.24 -2.65	23.10 2.19 -2.99	27.14 2.17 -6.60	27.46 2.19 -6.90	27.80 2.20 -7.22	28.57 2.28 -8.16	28.60 2.47 -7.70	28.19 2.67 -5.63	30.13 2.88 -7.01	32.35 3.21 -6.71	30.39 3.55 -2.03	28.82 3.35 -1.00	28.31 2.97 -2.71	28.27 2.89 -3.31	23.53 2.83 -0.16	22.12 2.33 -1.43
DELAWARE___LFGE 323621	20.14 0.61 -1.14	17.08 0.49 -1.36	16.14 0.45 -1.26	14.82 0.40 -1.63	15.42 0.44 -0.72	16.03 0.46 -0.78	16.78 0.47 -1.13	17.22 0.46 -1.57	19.45 0.55 -1.09	19.71 0.56 -1.22	20.40 0.61 -1.42	21.08 0.64 -2.06	21.18 0.62 -2.18	21.32 0.58 -2.62	21.49 0.66 -2.40	21.54 0.78 -0.87	23.07 0.81 -2.01	24.92 0.90 -1.60	25.85 1.04 0.00	25.50 1.03 0.00	23.58 0.95 0.00	22.99 0.93 0.00	21.36 0.82 0.00	19.51 0.59 -0.57
DERFIELD_115KV_TB7 355931	18.48 0.09 0.00	15.29 0.06 0.00	14.49 0.06 0.00	12.84 0.05 0.00	14.31 0.06 0.00	14.85 0.06 0.00	15.24 0.06 0.00	15.26 0.06 0.00	17.88 0.07 0.00	18.00 0.07 0.00	18.45 0.07 0.00	18.47 0.09 0.00	18.45 0.07 0.00	18.20 0.07 0.00	18.52 0.09 0.00	19.99 0.10 0.00	20.35 0.10 0.00	22.54 0.11 0.00	24.93 0.12 0.00	24.62 0.15 0.00	22.77 0.14 0.00	22.20 0.13 0.00	20.64 0.10 0.00	18.43 0.07 0.00
DOGLEVILLE___HYD 23807	18.56 0.17 0.00	15.35 0.12 0.00	14.55 0.11 0.00	12.83 0.04 0.00	14.28 0.03 0.00	14.93 0.13 0.00	15.29 0.11 0.00	15.25 0.05 0.00	17.87 0.05 0.00	17.96 0.04 0.00	18.45 0.07 0.00	18.43 0.06 0.00	18.41 0.04 0.00	18.14 0.02 0.00	18.43 0.00 0.00	19.89 0.00 0.00	20.25 0.00 0.00	22.43 0.00 0.00	24.83 0.02 0.00	24.52 0.05 0.00	22.70 0.07 0.00	22.20 0.13 0.00	20.66 0.12 0.00	18.47 0.11 0.00
DUNKIRK___115KV_TB_200 55889	18.53 -0.35 -0.49	15.43 -0.38 -0.58	14.69 -0.29 -0.54	13.34 -0.15 -0.70	14.44 -0.13 -0.31	14.93 -0.19 -0.33	15.38 -0.29 -0.49	15.57 -0.30 -0.67	17.73 -0.55 -0.47	17.99 -0.47 -0.53	18.49 -0.50 -0.61	18.80 -0.46 -0.88	18.76 -0.55 -0.93	18.60 -0.65 -1.12	19.02 -0.44 -1.03	19.95 -0.32 -0.37	20.91 -0.20 -0.86	22.82 -0.29 -0.68	24.81 0.00 0.00	24.79 0.32 0.00	23.00 0.36 0.00	22.44 0.38 0.00	20.62 0.08 0.00	18.32 -0.28 -0.25
DUNKIRK___1 23563	18.53 -0.35 -0.49	15.43 -0.38 -0.58	14.69 -0.29 -0.54	13.34 -0.15 -0.70	14.44 -0.13 -0.31	14.93 -0.19 -0.33	15.38 -0.29 -0.49	15.57 -0.30 -0.67	17.73 -0.55 -0.47	17.99 -0.47 -0.53	18.49 -0.50 -0.61	18.80 -0.46 -0.88	18.76 -0.55 -0.93	18.60 -0.65 -1.12	19.02 -0.44 -1.03	19.95 -0.32 -0.37	20.91 -0.20 -0.86	22.82 -0.29 -0.68	24.81 0.00 0.00	24.79 0.32 0.00	23.00 0.36 0.00	22.44 0.38 0.00	20.62 0.08 0.00	18.32 -0.28 -0.25
DUNKIRK___2 23564	18.53 -0.35 -0.49	15.43 -0.38 -0.58	14.69 -0.29 -0.54	13.34 -0.15 -0.70	14.44 -0.13 -0.31	14.93 -0.19 -0.33	15.38 -0.29 -0.49	15.57 -0.30 -0.67	17.73 -0.55 -0.47	17.99 -0.47 -0.53	18.49 -0.50 -0.61	18.80 -0.46 -0.88	18.76 -0.55 -0.93	18.60 -0.65 -1.12	19.02 -0.44 -1.03	19.95 -0.32 -0.37	20.91 -0.20 -0.86	22.82 -0.29 -0.68	24.81 0.00 0.00	24.79 0.32 0.00	23.00 0.36 0.00	22.44 0.38 0.00	20.62 0.08 0.00	18.32 -0.28 -0.25
DUNKIRK___3 23565	18.44 -0.44 -0.49	15.34 -0.47 -0.58	14.60 -0.38 -0.54	13.26 -0.23 -0.70	14.33 -0.23 -0.31	14.84 -0.28 -0.33	15.28 -0.38 -0.48	15.47 -0.40 -0.67	17.60 -0.68 -0.46	17.86 -0.59 -0.52	18.38 -0.61 -0.61	18.68 -0.57 -0.88	18.66 -0.64 -0.93	18.50 -0.74 -1.12	18.92 -0.53 -1.02	19.84 -0.42 -0.37	20.78 -0.32 -0.86	22.69 -0.43 -0.68	24.68 -0.12 0.00	24.64 0.17 0.00	22.84 0.20 0.00	22.26 0.20 0.00	20.47 -0.06 0.00	18.21 -0.39 -0.24
DUNKIRK___4 23566	18.44 -0.44 -0.49	15.34 -0.47 -0.58	14.60 -0.38 -0.54	13.26 -0.23 -0.70	14.33 -0.23 -0.31	14.84 -0.28 -0.33	15.28 -0.38 -0.48	15.47 -0.40 -0.67	17.60 -0.68 -0.46	17.86 -0.59 -0.52	18.38 -0.61 -0.61	18.68 -0.57 -0.88	18.66 -0.64 -0.93	18.50 -0.74 -1.12	18.92 -0.53 -1.02	19.84 -0.42 -0.37	20.78 -0.32 -0.86	22.69 -0.43 -0.68	24.68 -0.12 0.00	24.64 0.17 0.00	22.84 0.20 0.00	22.26 0.20 0.00	20.47 -0.06 0.00	18.21 -0.39 -0.24
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	22.42 1.25 -2.78	19.59 1.04 -3.32	18.48 0.97 -3.08	17.60 0.83 -3.98	16.93 0.91 -1.76	17.63 0.93 -1.90	18.94 1.00 -2.76	20.02 1.00 -3.82	21.70 1.23 -2.65	22.15 1.24 -2.99	23.15 1.27 -3.51	24.76 1.30 -5.08	25.09 1.34 -5.37	25.89 1.31 -6.46	25.79 1.46 -5.91	23.69 1.65 -2.15	26.92 1.72 -4.95	28.25 1.88 -3.93	26.87 2.06 0.00	26.48 2.01 0.00	24.42 1.79 0.00	23.81 1.74 0.00	22.18 1.64 0.00	20.98 1.21 -1.41
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	22.16 1.07 -2.70	19.35 0.88 -3.23	18.25 0.82 -3.00	17.36 0.70 -3.87	16.73 0.76 -1.72	17.41 0.77 -1.85	18.68 0.82 -2.68	19.74 0.82 -3.71	21.41 1.02 -2.58	21.87 1.04 -2.91	22.83 1.05 -3.41	24.37 1.07 -4.93	24.67 1.08 -5.21	25.45 1.05 -6.27	25.35 1.18 -5.73	23.33 1.35 -2.08	26.45 1.40 -4.80	27.80 1.55 -3.82	26.54 1.74 0.00	26.14 1.66 0.00	24.15 1.52 0.00	23.57 1.50 0.00	21.93 1.40 0.00	20.73 1.01 -1.37
E179THST_138_KV_TB4_REV_LBMP_J 345001	22.62 1.45 -2.78	19.77 1.20 -3.33	18.63 1.11 -3.09	17.72 0.95 -3.98	17.08 1.05 -1.77	17.76 1.07 -1.90	19.03 1.09 -2.76	20.02 1.00 -3.82	21.68 1.21 -2.65	22.11 1.20 -2.99	23.11 1.23 -3.51	24.72 1.27 -5.08	25.07 1.32 -5.37	25.87 1.29 -6.46	25.79 1.46 -5.91	23.71 1.67 -2.15	26.92 1.72 -4.95	28.25 1.88 -3.93	26.87 2.06 0.00	26.46 1.98 0.00	24.38 1.74 0.00	23.77 1.70 0.00	22.34 1.81 0.00	21.12 1.36 -1.41
E179THST_13_KV_LOAD 356214	22.70 1.53 -2.78	19.83 1.26 -3.33	18.69 1.17 -3.09	17.77 1.00 -3.98	17.12 1.10 -1.77	17.82 1.12 -1.90	19.09 1.15 -2.76	20.08 1.06 -3.82	21.75 1.28 -2.65	22.19 1.27 -2.99	23.21 1.32 -3.51	24.79 1.34 -5.08	25.14 1.40 -5.37	25.96 1.38 -6.46	25.89 1.55 -5.91	23.79 1.75 -2.15	27.02 1.82 -4.95	28.36 2.00 -3.93	26.99 2.18 0.00	26.58 2.10 0.00	24.47 1.83 0.00	23.88 1.81 0.00	22.42 1.89 0.00	21.20 1.43 -1.41
EAST HAMPTON___GT 23717	23.70 2.52 -2.79	20.67 2.10 -3.33	19.43 1.91 -3.09	18.49 1.71 -3.98	17.92 1.90 -1.77	18.70 2.00 -1.91	19.94 1.99 -2.77	21.05 2.02 -3.83	23.02 2.55 -2.66	23.43 2.51 -3.00	27.47 2.50 -6.60	27.79 2.52 -6.90	28.13 2.54 -7.22	28.89 2.61 -8.15	28.91 2.78 -7.69	28.54 3.02 -5.63	30.50 3.24 -7.01	32.75 3.61 -6.71	30.86 4.02 -2.03	29.29 3.82 -1.00	28.67 3.33 -2.71	28.66 3.29 -3.31	23.77 3.08 -0.16	22.43 2.64 -1.43
EAST RIVER___6 23660	22.56 1.40 -2.77	19.70 1.14 -3.32	18.57 1.05 -3.08	17.66 0.90 -3.98	17.00 0.98 -1.76	17.71 1.02 -1.90	19.05 1.11 -2.76	20.11 1.10 -3.82	21.82 1.35 -2.65	22.26 1.35 -2.99	23.21 1.36 -3.48	24.70 1.38 -4.95	25.02 1.43 -5.22	25.77 1.40 -6.25	25.74 1.60 -5.71	23.78 1.81 -2.08	26.85 1.92 -4.68	28.18 2.09 -3.66	26.84 2.31 0.27	26.43 2.20 0.24	24.44 1.92 0.11	23.91 1.90 0.05	22.20 1.66 0.00	21.09 1.32 -1.41

EAST RIVER___7 23524	22.56 1.40 -2.77	19.70 1.14 -3.32	18.57 1.05 -3.08	17.66 0.90 -3.98	17.00 0.98 -1.76	17.71 1.02 -1.90	19.05 1.11 -2.76	20.11 1.10 -3.82	21.82 1.35 -2.65	22.26 1.35 -2.99	23.21 1.36 -3.48	24.70 1.38 -4.95	25.02 1.43 -5.22	25.77 1.40 -6.25	25.74 1.60 -5.71	23.78 1.81 -2.08	26.85 1.92 -4.68	28.18 2.09 -3.66	26.84 2.31 0.27	26.43 2.20 0.24	24.44 1.92 0.11	23.91 1.90 0.05	22.20 1.66 0.00	21.09 1.32 -1.41
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	22.38 1.21 -2.77	19.55 1.01 -3.32	18.45 0.94 -3.08	17.57 0.81 -3.97	16.90 0.88 -1.76	17.59 0.90 -1.90	18.90 0.97 -2.75	19.97 0.96 -3.81	21.65 1.19 -2.65	22.11 1.20 -2.98	23.11 1.23 -3.50	24.69 1.25 -5.07	25.02 1.29 -5.36	25.82 1.25 -6.44	25.73 1.40 -5.90	23.64 1.61 -2.14	26.85 1.66 -4.94	28.17 1.82 -3.93	26.82 2.01 0.00	26.41 1.93 0.00	24.35 1.72 0.00	23.77 1.70 0.00	22.12 1.58 0.00	20.94 1.17 -1.41
EAST_HAMPTON___DIESEL 23722	23.70 2.52 -2.79	20.67 2.10 -3.33	19.43 1.91 -3.09	18.49 1.71 -3.98	17.92 1.90 -1.77	18.70 2.00 -1.91	19.94 1.99 -2.77	21.07 2.04 -3.83	23.04 2.57 -2.66	23.43 2.51 -3.00	27.49 2.52 -6.60	27.79 2.52 -6.90	28.15 2.55 -7.22	28.89 2.61 -8.15	28.91 2.78 -7.69	28.54 3.02 -5.63	30.50 3.24 -7.01	32.77 3.63 -6.71	30.86 4.02 -2.03	29.29 3.82 -1.00	28.67 3.33 -2.71	28.66 3.29 -3.31	23.77 3.08 -0.16	22.43 2.64 -1.43
EAST_PULASKI___ESR 323781	18.47 -0.13 -0.21	15.38 -0.11 -0.25	14.55 -0.12 -0.23	12.99 -0.10 -0.30	14.29 -0.10 -0.13	14.83 -0.10 -0.14	15.27 -0.12 -0.21	15.35 -0.14 -0.29	17.84 -0.18 -0.20	17.96 -0.20 -0.23	18.51 -0.13 -0.26	18.65 -0.11 -0.38	18.63 -0.15 -0.40	18.43 -0.18 -0.48	18.69 -0.18 -0.44	19.81 -0.24 -0.16	20.36 -0.26 -0.37	22.43 -0.29 -0.30	24.56 -0.25 0.00	24.28 -0.20 0.00	22.48 -0.16 0.00	21.96 -0.11 0.00	20.41 -0.12 0.00	18.33 -0.13 -0.11
EAST_RIVER___1 323558	22.51 1.34 -2.77	19.67 1.11 -3.32	18.54 1.02 -3.08	17.64 0.87 -3.98	16.97 0.96 -1.76	17.69 0.99 -1.90	19.00 1.06 -2.76	20.07 1.05 -3.82	21.77 1.30 -2.65	22.22 1.31 -2.99	23.17 1.32 -3.48	24.66 1.34 -4.95	24.99 1.40 -5.22	25.74 1.36 -6.25	25.67 1.53 -5.71	23.72 1.75 -2.08	26.75 1.82 -4.68	28.09 2.00 -3.66	26.72 2.18 0.27	26.33 2.11 0.24	24.38 1.86 0.11	23.83 1.81 0.05	22.14 1.60 0.00	21.03 1.27 -1.41
EAST_RIVER___2 323559	22.56 1.40 -2.77	19.70 1.14 -3.32	18.57 1.05 -3.08	17.66 0.90 -3.98	17.00 0.98 -1.76	17.71 1.02 -1.90	19.05 1.11 -2.76	20.11 1.10 -3.82	21.82 1.35 -2.65	22.26 1.35 -2.99	23.21 1.36 -3.48	24.70 1.38 -4.95	25.02 1.43 -5.22	25.77 1.40 -6.25	25.74 1.60 -5.71	23.78 1.81 -2.08	26.85 1.92 -4.68	28.18 2.09 -3.66	26.84 2.31 0.27	26.43 2.20 0.24	24.44 1.92 0.11	23.91 1.90 0.05	22.20 1.66 0.00	21.09 1.32 -1.41
EAST___DELAWARE_HYD 23607	21.77 0.86 -2.51	18.92 0.69 -3.01	17.84 0.62 -2.79	16.94 0.55 -3.60	16.43 0.58 -1.60	17.06 0.55 -1.72	18.27 0.59 -2.50	19.22 0.56 -3.45	20.93 0.71 -2.40	21.36 0.74 -2.70	22.27 0.74 -3.16	23.68 0.74 -4.57	23.96 0.75 -4.83	24.66 0.73 -5.81	24.63 0.88 -5.32	22.88 1.05 -1.93	25.80 1.09 -4.45	27.20 1.23 -3.54	26.22 1.41 0.00	25.84 1.37 0.00	23.90 1.27 0.00	23.32 1.26 0.00	21.60 1.07 0.00	20.41 0.79 -1.27
EIGHT_POINT___WT_PWR 323820	19.04 0.07 -0.58	15.83 -0.09 -0.69	15.02 -0.06 -0.64	13.61 -0.01 -0.83	14.64 0.01 -0.37	15.17 -0.01 -0.40	15.68 -0.08 -0.57	15.92 -0.08 -0.79	18.12 -0.25 -0.55	18.32 -0.23 -0.62	18.86 -0.24 -0.72	19.11 -0.31 -1.04	19.13 -0.35 -1.11	18.98 -0.47 -1.33	19.35 -0.30 -1.22	20.17 -0.16 -0.44	21.15 -0.12 -1.02	23.15 -0.09 -0.81	25.08 0.27 0.00	24.96 0.49 0.00	23.18 0.54 0.00	22.55 0.48 0.00	20.95 0.41 0.00	18.59 -0.05 -0.29
ELBRIDGE_115KV_TB2 80188	18.65 -0.06 -0.31	15.52 -0.08 -0.37	14.70 -0.07 -0.34	13.20 -0.04 -0.44	14.42 -0.03 -0.20	14.94 -0.06 -0.21	15.41 -0.08 -0.31	15.55 -0.08 -0.42	18.00 -0.11 -0.29	18.15 -0.11 -0.33	18.70 -0.06 -0.38	18.89 -0.04 -0.56	18.93 -0.04 -0.59	18.76 -0.07 -0.71	19.06 -0.02 -0.65	20.11 -0.02 -0.24	20.73 -0.06 -0.54	22.82 -0.04 -0.43	24.78 -0.02 0.00	24.45 -0.02 0.00	22.61 -0.02 0.00	22.02 -0.04 0.00	20.49 -0.04 0.00	18.44 -0.07 -0.15
ELEC_TRO_TEK 24086	22.75 1.58 -2.78	19.86 1.31 -3.33	18.74 1.23 -3.08	17.84 1.07 -3.98	17.19 1.17 -1.77	17.89 1.20 -1.90	19.21 1.28 -2.76	20.28 1.26 -3.82	22.00 1.53 -2.65	22.46 1.54 -2.99	26.45 1.47 -6.60	26.76 1.49 -6.90	27.12 1.53 -7.22	27.75 1.47 -8.16	27.77 1.64 -7.70	27.37 1.85 -5.63	29.18 1.92 -7.01	31.25 2.11 -6.71	29.15 2.31 -2.03	27.72 2.25 -1.00	27.36 2.01 -2.71	27.36 1.99 -3.31	22.60 1.91 -0.16	21.31 1.52 -1.43
ELLENBURG_WT_PWR 323604	18.36 -0.04 0.00	15.21 -0.02 0.00	14.45 0.01 0.00	12.81 0.01 0.00	14.27 0.01 0.00	14.78 -0.01 0.00	15.24 0.06 0.00	15.28 0.08 0.00	17.87 0.05 0.00	17.93 0.00 0.00	18.32 -0.05 0.00	18.28 -0.09 0.00	18.25 -0.13 0.00	18.04 -0.09 0.00	18.25 -0.18 0.00	19.71 -0.18 0.00	20.13 -0.12 0.00	22.34 -0.09 0.00	24.56 -0.25 0.00	24.25 -0.22 0.00	22.43 -0.20 0.00	21.87 -0.20 0.00	20.39 -0.14 0.00	18.32 -0.04 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	18.30 -0.55 -0.46	15.22 -0.56 -0.55	14.50 -0.45 -0.51	13.15 -0.31 -0.66	14.23 -0.31 -0.29	14.74 -0.37 -0.32	15.15 -0.49 -0.46	15.33 -0.50 -0.63	17.43 -0.82 -0.44	17.69 -0.74 -0.50	18.20 -0.75 -0.58	18.51 -0.70 -0.83	18.49 -0.77 -0.88	18.34 -0.85 -1.06	18.74 -0.66 -0.97	19.69 -0.56 -0.35	20.58 -0.49 -0.81	22.47 -0.61 -0.65	24.39 -0.42 0.00	24.30 -0.17 0.00	22.54 -0.09 0.00	21.98 -0.09 0.00	20.23 -0.31 0.00	18.07 -0.51 -0.23
EMPIRE_CC_1 323656	22.40 0.70 -3.31	19.76 0.56 -3.96	18.66 0.55 -3.67	18.03 0.50 -4.74	16.91 0.56 -2.10	17.64 0.58 -2.27	19.03 0.56 -3.29	20.30 0.55 -4.55	21.69 0.71 -3.16	20.43 0.70 -1.80	20.93 0.70 -1.85	20.87 0.70 -1.79	22.59 0.68 -3.54	20.97 0.67 -2.17	24.57 0.74 -5.40	23.22 0.80 -2.53	26.88 0.79 -5.84	27.94 0.87 -4.64	23.05 0.97 2.72	25.43 0.95 0.00	23.49 0.86 0.00	22.93 0.86 0.00	21.38 0.84 0.00	20.68 0.66 -1.66
EMPIRE_CC_2 323658	22.40 0.70 -3.31	19.76 0.56 -3.96	18.66 0.55 -3.67	18.03 0.50 -4.74	16.91 0.56 -2.10	17.64 0.58 -2.27	19.03 0.56 -3.29	20.30 0.55 -4.55	21.69 0.71 -3.16	20.43 0.70 -1.80	20.93 0.70 -1.85	20.87 0.70 -1.79	22.59 0.68 -3.54	20.97 0.67 -2.17	24.57 0.74 -5.40	23.22 0.80 -2.53	26.88 0.79 -5.84	27.94 0.87 -4.64	23.05 0.97 2.72	25.43 0.95 0.00	23.49 0.86 0.00	22.93 0.86 0.00	21.38 0.84 0.00	20.68 0.66 -1.66
ENORWICH_115KV_TB1 80156	20.38 1.14 -0.84	17.17 0.93 -1.01	16.19 0.82 -0.94	14.72 0.72 -1.21	15.56 0.77 -0.54	16.26 0.89 -0.58	16.85 0.83 -0.84	17.18 0.82 -1.16	19.51 0.89 -0.81	19.64 0.81 -0.91	20.38 0.96 -1.05	20.87 0.97 -1.52	20.85 0.86 -1.61	20.86 0.80 -1.94	21.05 0.85 -1.77	21.57 1.03 -0.64	22.83 1.09 -1.49	24.87 1.26 -1.18	26.47 1.66 0.00	26.21 1.74 0.00	24.33 1.70 0.00	23.66 1.59 0.00	21.91 1.38 0.00	19.84 1.06 -0.42

ERIE_ST__34_KV_TB1-2 80199	18.15 -0.72 -0.48	15.09 -0.72 -0.57	14.36 -0.61 -0.53	13.02 -0.46 -0.69	14.07 -0.48 -0.30	14.57 -0.55 -0.33	15.02 -0.64 -0.48	15.22 -0.64 -0.66	17.31 -0.96 -0.46	17.56 -0.88 -0.51	18.09 -0.88 -0.60	18.41 -0.83 -0.87	18.39 -0.90 -0.91	18.25 -0.98 -1.10	18.66 -0.77 -1.01	19.60 -0.66 -0.37	20.53 -0.57 -0.84	22.41 -0.70 -0.67	24.56 -0.25 0.00	24.50 0.02 0.00	22.68 0.05 0.00	22.11 0.04 0.00	20.33 -0.21 0.00	17.93 -0.66 -0.24
ERIE_WT_PWR 323693	18.46 -0.40 -0.47	15.26 -0.53 -0.57	14.52 -0.43 -0.52	13.18 -0.29 -0.68	14.25 -0.30 -0.30	14.76 -0.36 -0.32	15.19 -0.45 -0.47	15.38 -0.47 -0.65	17.48 -0.78 -0.45	17.74 -0.70 -0.51	18.25 -0.72 -0.59	18.49 -0.74 -0.85	18.52 -0.75 -0.90	18.38 -0.83 -1.09	18.78 -0.65 -0.99	19.73 -0.52 -0.36	20.64 -0.45 -0.83	22.53 -0.56 -0.66	24.51 -0.30 0.00	24.45 -0.02 0.00	22.70 0.07 0.00	22.09 0.02 0.00	20.52 -0.02 0.00	18.11 -0.48 -0.24
ESPRGFLD_115KV_TB1 80157	18.90 1.01 0.50	15.45 0.82 0.60	14.61 0.74 0.55	12.76 0.68 0.72	14.71 0.77 0.32	15.22 0.77 0.34	15.47 0.79 0.50	15.24 0.73 0.69	18.21 0.87 0.48	18.25 0.86 0.54	18.71 0.96 0.62	18.46 0.99 0.90	18.34 0.92 0.95	17.87 0.89 1.15	18.36 0.98 1.05	20.62 1.11 0.38	20.54 1.17 0.88	23.10 1.37 0.70	26.35 1.54 0.00	26.06 1.59 0.00	24.15 1.52 0.00	23.57 1.50 0.00	21.81 1.27 0.00	19.09 0.99 0.25
ETNA_115_KV_TB1_REV_LBMP_C 345029	19.34 0.33 -0.62	16.23 0.26 -0.74	15.35 0.23 -0.69	13.89 0.20 -0.89	14.89 0.24 -0.39	15.47 0.25 -0.43	16.04 0.24 -0.62	16.28 0.23 -0.85	18.64 0.23 -0.59	18.81 0.22 -0.67	19.44 0.29 -0.78	19.79 0.29 -1.12	19.84 0.28 -1.19	19.79 0.24 -1.43	20.05 0.31 -1.31	20.74 0.38 -0.47	21.71 0.36 -1.09	23.75 0.45 -0.87	25.43 0.62 0.00	25.11 0.64 0.00	23.22 0.59 0.00	22.62 0.55 0.00	21.01 0.47 0.00	18.98 0.31 -0.31
ETNA____115KV_TB2 80207	19.34 0.33 -0.62	16.23 0.26 -0.74	15.35 0.23 -0.69	13.89 0.20 -0.89	14.89 0.24 -0.39	15.47 0.25 -0.43	16.04 0.24 -0.62	16.28 0.23 -0.85	18.64 0.23 -0.59	18.81 0.22 -0.67	19.44 0.29 -0.78	19.79 0.29 -1.12	19.84 0.28 -1.19	19.79 0.24 -1.43	20.05 0.31 -1.31	20.74 0.38 -0.47	21.71 0.36 -1.09	23.75 0.45 -0.87	25.43 0.62 0.00	25.11 0.64 0.00	23.22 0.59 0.00	22.62 0.55 0.00	21.01 0.47 0.00	18.98 0.31 -0.31
EUCLID____115KV_TB2 356179	18.47 -0.17 -0.25	15.36 -0.17 -0.29	14.55 -0.16 -0.27	13.00 -0.14 -0.35	14.27 -0.14 -0.16	14.81 -0.15 -0.17	15.26 -0.17 -0.24	15.37 -0.17 -0.34	17.83 -0.21 -0.23	17.99 -0.20 -0.26	18.52 -0.17 -0.31	18.67 -0.15 -0.44	18.68 -0.17 -0.47	18.51 -0.18 -0.56	18.80 -0.15 -0.52	19.92 -0.16 -0.19	20.50 -0.18 -0.43	22.55 -0.22 -0.34	24.58 -0.22 0.00	24.25 -0.22 0.00	22.43 -0.20 0.00	21.87 -0.20 0.00	20.33 -0.21 0.00	18.29 -0.18 -0.12
E_CANADA_CAP_HY 24051	24.04 1.36 -4.29	21.45 1.08 -5.14	20.18 0.98 -4.76	19.86 0.92 -6.14	18.02 1.04 -2.73	18.75 1.02 -2.94	20.49 1.05 -4.26	22.04 0.94 -5.90	23.05 1.14 -4.10	23.65 1.11 -4.61	24.92 1.19 -5.35	27.36 1.23 -7.75	27.73 1.16 -8.20	29.09 1.11 -9.85	28.63 1.18 -9.02	24.50 1.33 -3.28	29.22 1.42 -7.55	30.09 1.66 -6.00	26.64 1.84 0.00	26.36 1.88 0.00	24.44 1.81 0.00	23.92 1.85 0.00	22.16 1.62 0.00	21.81 1.30 -2.15
E_CANADA_MHWK_HY 24050	18.56 0.17 0.00	15.35 0.12 0.00	14.55 0.11 0.00	12.83 0.04 0.00	14.28 0.03 0.00	14.93 0.13 0.00	15.29 0.11 0.00	15.25 0.05 0.00	17.87 0.05 0.00	17.96 0.04 0.00	18.45 0.07 0.00	18.43 0.06 0.00	18.41 0.04 0.00	18.14 0.02 0.00	18.43 0.00 0.00	19.89 0.00 0.00	20.25 0.00 0.00	22.43 0.00 0.00	24.83 0.02 0.00	24.52 0.05 0.00	22.70 0.07 0.00	22.20 0.13 0.00	20.66 0.12 0.00	18.47 0.11 0.00
E_FISHKILL____LBMP 23776	22.31 1.09 -2.83	19.54 0.91 -3.39	18.43 0.85 -3.15	17.59 0.74 -4.06	16.87 0.81 -1.80	17.56 0.83 -1.94	18.88 0.88 -2.82	19.96 0.87 -3.90	21.59 1.07 -2.71	22.07 1.09 -3.05	23.06 1.10 -3.58	24.68 1.12 -5.18	25.00 1.14 -5.48	25.82 1.11 -6.59	25.70 1.23 -6.03	23.49 1.41 -2.19	26.76 1.46 -5.05	28.04 1.59 -4.02	26.57 1.76 0.00	26.19 1.71 0.00	24.15 1.52 0.00	23.57 1.50 0.00	21.95 1.42 0.00	20.84 1.05 -1.44
FALCON____SEABRD_CC1 323796	18.52 0.13 0.00	15.34 0.11 0.00	14.56 0.13 0.00	12.91 0.11 0.00	14.38 0.13 0.00	14.90 0.10 0.00	15.38 0.20 0.00	15.41 0.21 0.00	18.03 0.21 0.00	18.09 0.16 0.00	18.49 0.11 0.00	18.43 0.06 0.00	18.39 0.02 0.00	18.18 0.05 0.00	18.39 -0.04 0.00	19.87 -0.02 0.00	20.31 0.06 0.00	22.57 0.14 0.00	24.78 -0.02 0.00	24.45 -0.02 0.00	22.63 0.00 0.00	22.07 0.00 0.00	20.56 0.02 0.00	18.47 0.11 0.00
FALCON____SEABRD_CC2 323797	18.52 0.13 0.00	15.34 0.11 0.00	14.56 0.13 0.00	12.91 0.11 0.00	14.38 0.13 0.00	14.90 0.10 0.00	15.38 0.20 0.00	15.41 0.21 0.00	18.03 0.21 0.00	18.09 0.16 0.00	18.49 0.11 0.00	18.43 0.06 0.00	18.39 0.02 0.00	18.18 0.05 0.00	18.39 -0.04 0.00	19.87 -0.02 0.00	20.31 0.06 0.00	22.57 0.14 0.00	24.78 -0.02 0.00	24.45 -0.02 0.00	22.63 0.00 0.00	22.07 0.00 0.00	20.56 0.02 0.00	18.47 0.11 0.00
FAR ROCKAWAY____4 23548	23.06 1.89 -2.78	20.12 1.57 -3.33	18.97 1.46 -3.08	18.02 1.25 -3.98	17.39 1.37 -1.77	18.13 1.43 -1.90	19.44 1.50 -2.76	20.53 1.50 -3.82	22.28 1.82 -2.65	22.74 1.83 -2.99	26.74 1.76 -6.60	27.06 1.78 -6.90	27.42 1.82 -7.22	28.06 1.78 -8.16	28.06 1.94 -7.70	27.71 2.19 -5.63	29.53 2.27 -7.01	31.63 2.49 -6.71	29.59 2.75 -2.03	28.14 2.67 -1.00	27.74 2.40 -2.71	27.74 2.36 -3.31	22.95 2.26 -0.16	21.60 1.82 -1.43
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	22.51 1.34 -2.78	19.67 1.11 -3.32	18.54 1.02 -3.08	17.65 0.88 -3.98	16.99 0.97 -1.76	17.69 0.99 -1.90	19.02 1.08 -2.76	20.08 1.06 -3.82	21.78 1.32 -2.65	22.22 1.31 -2.99	23.22 1.34 -3.51	24.81 1.36 -5.08	25.16 1.41 -5.37	25.96 1.38 -6.46	25.89 1.55 -5.91	23.79 1.75 -2.15	27.02 1.82 -4.95	28.36 2.00 -3.93	27.02 2.21 0.00	26.60 2.13 0.00	24.51 1.88 0.00	23.90 1.83 0.00	22.28 1.75 0.00	21.05 1.28 -1.41
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	22.51 1.34 -2.78	19.67 1.11 -3.32	18.54 1.02 -3.08	17.65 0.88 -3.98	16.99 0.97 -1.76	17.70 1.01 -1.90	19.02 1.08 -2.76	20.08 1.06 -3.82	21.78 1.32 -2.65	22.22 1.31 -2.99	23.22 1.34 -3.51	24.81 1.36 -5.08	25.16 1.41 -5.37	25.96 1.38 -6.46	25.89 1.55 -5.91	23.81 1.77 -2.15	27.02 1.82 -4.95	28.36 2.00 -3.93	27.02 2.21 0.00	26.60 2.13 0.00	24.51 1.88 0.00	23.90 1.83 0.00	22.28 1.75 0.00	21.05 1.28 -1.41
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	22.49 1.32 -2.78	19.65 1.10 -3.32	18.54 1.02 -3.08	17.65 0.88 -3.98	16.97 0.95 -1.76	17.69 0.99 -1.90	19.00 1.06 -2.76	20.07 1.05 -3.82	21.77 1.30 -2.65	22.22 1.31 -2.99	23.21 1.32 -3.51	24.79 1.34 -5.08	25.14 1.40 -5.37	25.94 1.36 -6.46	25.87 1.53 -5.91	23.79 1.75 -2.15	27.02 1.82 -4.95	28.36 2.00 -3.93	26.99 2.18 0.00	26.58 2.10 0.00	24.49 1.86 0.00	23.88 1.81 0.00	22.26 1.72 0.00	21.03 1.27 -1.41

FARRAGUT___LBMP 323566	22.49 1.32 -2.78	19.65 1.10 -3.32	18.53 1.01 -3.08	17.64 0.87 -3.98	16.97 0.95 -1.76	17.69 0.99 -1.90	19.00 1.06 -2.76	20.07 1.05 -3.82	21.75 1.28 -2.65	22.20 1.29 -2.99	23.21 1.32 -3.51	24.79 1.34 -5.08	25.12 1.38 -5.37	25.92 1.34 -6.46	25.87 1.53 -5.91	23.77 1.73 -2.15	27.00 1.80 -4.95	28.34 1.97 -3.93	26.99 2.18 0.00	26.55 2.08 0.00	24.47 1.83 0.00	23.88 1.81 0.00	22.26 1.72 0.00	21.03 1.27 -1.41
FENNER___WINDPWR 24204	19.06 0.33 -0.34	15.88 0.24 -0.41	15.03 0.22 -0.38	13.46 0.18 -0.49	14.67 0.20 -0.22	15.26 0.24 -0.23	15.73 0.21 -0.34	15.88 0.21 -0.47	18.37 0.23 -0.33	18.51 0.22 -0.37	19.09 0.29 -0.43	19.30 0.31 -0.62	19.32 0.29 -0.65	19.18 0.27 -0.78	19.44 0.29 -0.72	20.51 0.36 -0.26	21.19 0.34 -0.60	23.29 0.38 -0.48	25.30 0.50 0.00	24.99 0.51 0.00	23.13 0.50 0.00	22.51 0.44 0.00	20.92 0.39 0.00	18.80 0.28 -0.17
FIBERTEK___ENERGY 23856	18.68 0.00 -0.29	15.56 -0.02 -0.35	14.74 -0.01 -0.32	13.20 -0.01 -0.42	14.44 0.00 -0.19	14.99 0.00 -0.20	15.45 -0.02 -0.29	15.59 -0.02 -0.40	18.06 -0.04 -0.28	18.20 -0.04 -0.31	18.78 0.04 -0.36	18.94 0.04 -0.53	18.97 0.04 -0.56	18.81 0.02 -0.67	19.10 0.06 -0.61	20.19 0.08 -0.22	20.80 0.04 -0.51	22.86 0.02 -0.41	24.88 0.07 0.00	24.50 0.02 0.00	22.66 0.02 0.00	22.09 0.02 0.00	20.56 0.02 0.00	18.48 -0.02 -0.15
FITZPATRICK____ 23598	18.16 -0.40 -0.18	15.07 -0.37 -0.21	14.30 -0.33 -0.20	12.75 -0.29 -0.25	14.04 -0.33 -0.11	14.57 -0.34 -0.12	14.99 -0.36 -0.17	15.08 -0.36 -0.24	17.54 -0.44 -0.17	17.69 -0.43 -0.19	18.17 -0.42 -0.22	18.27 -0.42 -0.32	18.29 -0.42 -0.34	18.10 -0.44 -0.40	18.38 -0.42 -0.37	19.55 -0.48 -0.13	20.05 -0.51 -0.31	22.12 -0.56 -0.25	24.19 -0.62 0.00	23.86 -0.61 0.00	22.09 -0.54 0.00	21.54 -0.53 0.00	20.06 -0.47 0.00	18.02 -0.42 -0.09
FLOWRFLD_69_KV_BK1 356044	23.06 1.89 -2.78	20.11 1.55 -3.33	18.96 1.44 -3.08	18.08 1.30 -3.98	17.47 1.45 -1.77	18.17 1.48 -1.90	19.44 1.50 -2.76	20.53 1.50 -3.82	22.34 1.87 -2.65	22.76 1.85 -2.99	26.78 1.80 -6.60	27.09 1.82 -6.90	27.43 1.84 -7.22	28.15 1.87 -8.16	28.17 2.05 -7.70	27.79 2.27 -5.63	29.63 2.37 -7.01	31.77 2.62 -6.71	29.74 2.90 -2.03	28.26 2.79 -1.00	27.84 2.49 -2.71	27.80 2.43 -3.31	23.08 2.38 -0.16	21.71 1.93 -1.43
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	22.45 1.27 -2.79	19.61 1.04 -3.34	18.50 0.97 -3.10	17.62 0.83 -4.00	16.93 0.90 -1.77	17.62 0.92 -1.91	18.92 0.97 -2.77	20.00 0.96 -3.84	21.67 1.19 -2.67	22.15 1.22 -3.00	23.11 1.21 -3.52	24.70 1.23 -5.10	25.00 1.23 -5.39	25.82 1.21 -6.48	25.71 1.35 -5.93	23.56 1.51 -2.15	26.78 1.56 -4.97	28.11 1.73 -3.95	26.74 1.94 0.00	26.36 1.88 0.00	24.38 1.74 0.00	23.79 1.72 0.00	22.14 1.60 0.00	20.96 1.19 -1.42
FORT ORANGE____ 23900	22.47 0.66 -3.42	19.84 0.52 -4.09	18.76 0.53 -3.79	18.23 0.54 -4.90	17.04 0.61 -2.17	17.76 0.62 -2.34	19.20 0.62 -3.40	20.51 0.61 -4.70	21.76 0.68 -3.27	21.04 0.72 -2.39	21.68 0.72 -2.59	22.15 0.68 -3.10	23.51 0.66 -4.48	22.64 0.65 -3.86	25.18 0.72 -6.03	23.25 0.76 -2.61	27.03 0.77 -6.01	28.08 0.87 -4.78	23.83 1.02 1.99	25.48 1.00 0.00	23.56 0.93 0.00	22.99 0.93 0.00	21.44 0.90 0.00	20.73 0.66 -1.71
FORT_DRUM_COGEN 23780	18.74 0.20 -0.15	15.57 0.17 -0.18	14.70 0.10 -0.16	13.11 0.10 -0.21	14.46 0.11 -0.09	15.06 0.16 -0.10	15.45 0.12 -0.15	15.50 0.09 -0.20	18.03 0.07 -0.14	18.09 0.00 -0.16	18.69 0.13 -0.18	18.77 0.13 -0.27	18.68 0.02 -0.28	18.43 -0.04 -0.34	18.65 -0.09 -0.31	19.88 -0.12 -0.11	20.41 -0.10 -0.26	22.61 -0.02 -0.21	24.96 0.15 0.00	24.79 0.32 0.00	23.02 0.38 0.00	22.42 0.35 0.00	20.80 0.27 0.00	18.63 0.20 -0.07
FPL_FAR_ROCK_GT1 24212	23.10 1.91 -2.79	20.14 1.57 -3.34	18.99 1.46 -3.10	18.03 1.25 -3.98	17.40 1.37 -1.78	18.14 1.43 -1.92	19.46 1.50 -2.77	20.54 1.51 -3.83	22.30 1.82 -2.67	22.76 1.83 -3.00	26.74 1.76 -6.61	27.06 1.78 -6.90	27.42 1.82 -7.23	28.06 1.78 -8.16	28.07 1.93 -7.70	27.71 2.19 -5.64	29.53 2.27 -7.01	31.64 2.49 -6.72	29.60 2.75 -2.04	28.14 2.67 -1.00	27.75 2.40 -2.72	27.74 2.36 -3.32	22.85 2.16 -0.16	21.61 1.82 -1.44
FPL_FAR_ROCK_GT2 23815	23.10 1.91 -2.79	20.14 1.57 -3.34	18.99 1.46 -3.10	18.03 1.25 -3.98	17.40 1.37 -1.78	18.14 1.43 -1.92	19.46 1.50 -2.77	20.54 1.51 -3.83	22.30 1.82 -2.67	22.76 1.83 -3.00	26.74 1.76 -6.61	27.06 1.78 -6.90	27.42 1.82 -7.23	28.06 1.78 -8.16	28.07 1.93 -7.70	27.71 2.19 -5.64	29.53 2.27 -7.01	31.64 2.49 -6.72	29.60 2.75 -2.04	28.14 2.67 -1.00	27.75 2.40 -2.72	27.74 2.36 -3.32	22.85 2.16 -0.16	21.61 1.82 -1.44
FRANKLIN_FALL_HYD 24054	18.36 -0.04 0.00	15.18 -0.05 0.00	14.40 -0.03 0.00	12.74 -0.05 0.00	14.20 -0.06 0.00	14.75 -0.04 0.00	15.23 0.05 0.00	15.28 0.08 0.00	17.88 0.07 0.00	17.94 0.02 0.00	18.34 -0.04 0.00	18.26 -0.11 0.00	18.25 -0.13 0.00	18.04 -0.09 0.00	18.25 -0.18 0.00	19.71 -0.18 0.00	20.15 -0.10 0.00	22.36 -0.07 0.00	24.56 -0.25 0.00	24.25 -0.22 0.00	22.45 -0.18 0.00	21.87 -0.20 0.00	20.37 -0.16 0.00	18.30 -0.06 0.00
FREEPORT_EQUS_GT1 23764	22.98 1.80 -2.79	20.04 1.48 -3.34	18.88 1.36 -3.09	17.97 1.19 -3.98	17.33 1.30 -1.78	18.04 1.33 -1.91	19.36 1.41 -2.77	20.44 1.41 -3.83	22.19 1.71 -2.66	22.65 1.72 -3.00	26.61 1.63 -6.60	26.95 1.67 -6.90	27.31 1.71 -7.22	27.95 1.67 -8.16	27.97 1.84 -7.70	27.59 2.07 -5.63	29.40 2.15 -7.01	31.50 2.35 -6.71	29.44 2.60 -2.03	27.99 2.52 -1.00	27.61 2.26 -2.71	27.61 2.23 -3.31	22.75 2.05 -0.16	21.51 1.72 -1.43
FREEPORT___CT2 23818	22.98 1.80 -2.79	20.04 1.48 -3.34	18.88 1.36 -3.09	17.97 1.19 -3.98	17.33 1.30 -1.78	18.04 1.33 -1.91	19.36 1.41 -2.77	20.44 1.41 -3.83	22.19 1.71 -2.66	22.65 1.72 -3.00	26.61 1.63 -6.60	26.95 1.67 -6.90	27.31 1.71 -7.22	27.95 1.67 -8.16	27.97 1.84 -7.70	27.59 2.07 -5.63	29.40 2.15 -7.01	31.50 2.35 -6.71	29.44 2.60 -2.03	27.99 2.52 -1.00	27.61 2.26 -2.71	27.61 2.23 -3.31	22.75 2.05 -0.16	21.51 1.72 -1.43
FRESHKLS_33_KV_LOAD 356253	22.67 1.49 -2.78	19.81 1.25 -3.33	18.66 1.14 -3.09	17.74 0.96 -3.98	17.08 1.05 -1.77	17.76 1.07 -1.90	19.05 1.11 -2.76	20.05 1.03 -3.82	21.73 1.26 -2.65	22.13 1.22 -2.99	23.17 1.29 -3.51	24.78 1.32 -5.08	25.14 1.40 -5.37	26.00 1.40 -6.48	25.89 1.53 -5.93	23.83 1.79 -2.15	30.42 1.80 -8.37	30.43 1.97 -6.02	25.14 2.16 1.82	26.63 2.15 0.00	24.49 1.86 0.00	23.92 1.85 0.00	22.42 1.89 0.00	21.18 1.41 -1.41
FULTON COGEN____ 23766	18.37 -0.26 -0.23	15.28 -0.23 -0.28	14.47 -0.22 -0.26	12.94 -0.18 -0.33	14.20 -0.20 -0.15	14.74 -0.21 -0.16	15.18 -0.23 -0.23	15.29 -0.23 -0.32	17.75 -0.29 -0.22	17.89 -0.29 -0.25	18.42 -0.24 -0.29	18.55 -0.24 -0.42	18.58 -0.24 -0.44	18.40 -0.25 -0.53	18.68 -0.24 -0.48	19.79 -0.28 -0.18	20.35 -0.30 -0.41	22.39 -0.36 -0.32	24.46 -0.35 0.00	24.11 -0.37 0.00	22.29 -0.34 0.00	21.76 -0.31 0.00	20.25 -0.29 0.00	18.20 -0.28 -0.12

FULTON___LFGE 323630	24.50 2.08 -4.03	21.69 1.63 -4.83	20.42 1.52 -4.48	19.73 1.16 -5.77	18.16 1.34 -2.56	19.14 1.58 -2.76	20.80 1.61 -4.01	22.27 1.52 -5.55	23.45 1.78 -3.85	24.00 1.74 -4.34	25.25 1.84 -5.03	27.52 1.86 -7.29	27.77 1.69 -7.71	29.04 1.65 -9.27	28.68 1.77 -8.48	24.90 1.93 -3.08	29.46 2.11 -7.10	30.59 2.51 -5.65	27.54 2.73 0.00	27.41 2.94 0.00	25.49 2.85 0.00	24.85 2.78 0.00	22.96 2.42 0.00	22.36 1.98 -2.02
G.F.CEMENT___DRP 24184	23.18 1.23 -3.55	20.46 0.97 -4.26	19.29 0.91 -3.94	18.69 0.81 -5.09	17.44 0.93 -2.26	18.17 0.95 -2.43	19.67 0.96 -3.54	21.07 0.97 -4.90	22.46 1.25 -3.40	24.11 1.31 -4.88	25.47 1.29 -5.81	28.56 1.25 -8.93	28.00 1.16 -8.47	30.67 1.12 -11.42	27.92 1.07 -8.42	23.76 1.15 -2.72	27.83 1.32 -6.27	28.92 1.50 -4.98	28.19 1.76 -1.62	26.24 1.76 0.00	24.33 1.70 0.00	23.68 1.61 0.00	21.95 1.42 0.00	21.66 1.52 -1.78
GARDENVILLE___LBMP 24039	18.31 -0.55 -0.47	15.23 -0.56 -0.56	14.51 -0.45 -0.52	13.15 -0.32 -0.67	14.24 -0.31 -0.30	14.75 -0.37 -0.32	15.16 -0.49 -0.47	15.35 -0.50 -0.65	17.44 -0.82 -0.45	17.70 -0.74 -0.51	18.21 -0.75 -0.59	18.53 -0.70 -0.85	18.50 -0.77 -0.90	18.36 -0.85 -1.08	18.76 -0.66 -0.99	19.69 -0.56 -0.36	20.59 -0.49 -0.83	22.48 -0.61 -0.66	24.44 -0.37 0.00	24.38 -0.10 0.00	22.59 -0.05 0.00	22.04 -0.02 0.00	20.27 -0.27 0.00	18.08 -0.51 -0.24
GARDNVLA_35_KV_LD 355827	18.37 -0.50 -0.47	15.28 -0.52 -0.57	14.54 -0.42 -0.53	13.19 -0.28 -0.68	14.27 -0.29 -0.30	14.78 -0.34 -0.32	15.21 -0.44 -0.47	15.38 -0.47 -0.65	17.50 -0.77 -0.45	17.75 -0.68 -0.51	18.27 -0.70 -0.59	18.59 -0.64 -0.86	18.56 -0.72 -0.90	18.42 -0.80 -1.09	18.82 -0.61 -1.00	19.75 -0.50 -0.36	20.66 -0.43 -0.83	22.58 -0.52 -0.66	24.54 -0.27 0.00	24.50 0.02 0.00	22.70 0.07 0.00	22.13 0.07 0.00	20.35 -0.18 0.00	18.13 -0.46 -0.24
GELCKHM___115KV_LOAD 80723	18.53 -0.13 -0.26	15.42 -0.12 -0.31	14.61 -0.12 -0.29	13.08 -0.09 -0.38	14.32 -0.10 -0.17	14.87 -0.10 -0.18	15.32 -0.12 -0.26	15.44 -0.12 -0.36	17.90 -0.16 -0.25	18.05 -0.16 -0.28	18.59 -0.11 -0.33	18.76 -0.09 -0.47	18.78 -0.09 -0.50	18.62 -0.11 -0.60	18.89 -0.09 -0.55	19.99 -0.10 -0.20	20.59 -0.12 -0.46	22.66 -0.13 -0.37	24.68 -0.12 0.00	24.33 -0.15 0.00	22.50 -0.14 0.00	21.93 -0.13 0.00	20.41 -0.12 0.00	18.36 -0.13 -0.13
GENERAL___MILLS 23808	18.33 -0.53 -0.47	15.25 -0.55 -0.57	14.51 -0.45 -0.52	13.16 -0.31 -0.68	14.24 -0.31 -0.30	14.75 -0.37 -0.32	15.18 -0.47 -0.47	15.36 -0.49 -0.65	17.46 -0.80 -0.45	17.72 -0.72 -0.51	18.23 -0.73 -0.59	18.55 -0.68 -0.85	18.52 -0.75 -0.90	18.38 -0.83 -1.09	18.78 -0.65 -0.99	19.71 -0.54 -0.36	20.62 -0.47 -0.83	22.53 -0.56 -0.66	24.49 -0.32 0.00	24.45 -0.02 0.00	22.66 0.02 0.00	22.09 0.02 0.00	20.33 -0.21 0.00	18.10 -0.50 -0.24
GE_PLASTICS___DRP 24183	22.44 0.63 -3.42	19.83 0.50 -4.10	18.73 0.51 -3.80	18.18 0.49 -4.90	16.98 0.56 -2.17	17.70 0.56 -2.34	19.14 0.56 -3.40	20.46 0.56 -4.70	21.72 0.64 -3.27	21.36 0.66 -2.77	22.13 0.66 -3.09	23.06 0.66 -4.02	24.11 0.64 -5.09	23.82 0.63 -5.06	25.51 0.70 -6.38	23.26 0.76 -2.61	27.03 0.77 -6.02	28.06 0.85 -4.78	24.38 0.97 1.40	25.43 0.95 0.00	23.52 0.88 0.00	22.93 0.86 0.00	21.38 0.84 0.00	20.70 0.62 -1.72
GILBOA___1 23756	21.75 0.64 -2.71	19.00 0.52 -3.25	17.94 0.49 -3.01	17.12 0.44 -3.89	16.46 0.48 -1.73	17.16 0.50 -1.86	18.39 0.52 -2.70	19.45 0.52 -3.73	21.03 0.62 -2.59	21.47 0.63 -2.92	22.43 0.68 -3.38	23.95 0.68 -4.89	24.23 0.68 -5.17	25.00 0.65 -6.22	24.86 0.74 -5.69	22.81 0.85 -2.07	25.89 0.87 -4.77	27.16 0.94 -3.79	25.87 1.07 0.00	25.53 1.05 0.00	23.58 0.95 0.00	22.99 0.93 0.00	21.38 0.84 0.00	20.36 0.64 -1.36
GILBOA___2 23757	21.75 0.64 -2.71	19.00 0.52 -3.25	17.94 0.49 -3.01	17.12 0.44 -3.89	16.46 0.48 -1.73	17.16 0.50 -1.86	18.39 0.52 -2.70	19.45 0.52 -3.73	21.03 0.62 -2.59	21.47 0.63 -2.92	22.43 0.68 -3.38	23.95 0.68 -4.89	24.23 0.68 -5.17	25.00 0.65 -6.22	24.86 0.74 -5.69	22.81 0.85 -2.07	25.89 0.87 -4.77	27.16 0.94 -3.79	25.87 1.07 0.00	25.53 1.05 0.00	23.58 0.95 0.00	22.99 0.93 0.00	21.38 0.84 0.00	20.36 0.64 -1.36
GILBOA___3 23758	21.75 0.64 -2.71	19.00 0.52 -3.25	17.94 0.49 -3.01	17.12 0.44 -3.89	16.46 0.48 -1.73	17.16 0.50 -1.86	18.39 0.52 -2.70	19.45 0.52 -3.73	21.03 0.62 -2.59	21.47 0.63 -2.92	22.43 0.68 -3.38	23.95 0.68 -4.89	24.23 0.68 -5.17	25.00 0.65 -6.22	24.86 0.74 -5.69	22.81 0.85 -2.07	25.89 0.87 -4.77	27.16 0.94 -3.79	25.87 1.07 0.00	25.53 1.05 0.00	23.58 0.95 0.00	22.99 0.93 0.00	21.38 0.84 0.00	20.36 0.64 -1.36
GILBOA___4 23759	21.75 0.64 -2.71	19.00 0.52 -3.25	17.94 0.49 -3.01	17.12 0.44 -3.89	16.46 0.48 -1.73	17.16 0.50 -1.86	18.39 0.52 -2.70	19.45 0.52 -3.73	21.03 0.62 -2.59	21.47 0.63 -2.92	22.43 0.68 -3.38	23.95 0.68 -4.89	24.23 0.68 -5.17	25.00 0.65 -6.22	24.86 0.74 -5.69	22.81 0.85 -2.07	25.89 0.87 -4.77	27.16 0.94 -3.79	25.87 1.07 0.00	25.53 1.05 0.00	23.58 0.95 0.00	22.99 0.93 0.00	21.38 0.84 0.00	20.36 0.64 -1.36
GILBOA___ 23599	21.75 0.64 -2.71	19.00 0.52 -3.25	17.94 0.49 -3.01	17.11 0.43 -3.89	16.46 0.48 -1.73	17.16 0.50 -1.86	18.39 0.52 -2.70	19.45 0.52 -3.73	21.03 0.62 -2.59	21.47 0.63 -2.92	22.43 0.68 -3.38	23.94 0.68 -4.89	24.23 0.68 -5.17	25.00 0.65 -6.22	24.86 0.74 -5.69	22.81 0.86 -2.07	25.89 0.87 -4.77	27.16 0.94 -3.79	25.87 1.07 0.00	25.53 1.05 0.00	23.58 0.95 0.00	22.99 0.93 0.00	21.40 0.86 0.00	20.36 0.64 -1.36
GINNA___ 23603	17.77 -0.96 -0.34	14.73 -0.90 -0.40	13.97 -0.84 -0.37	12.57 -0.70 -0.48	13.70 -0.77 -0.21	14.21 -0.81 -0.23	14.63 -0.88 -0.33	14.80 -0.87 -0.46	17.01 -1.12 -0.32	17.23 -1.06 -0.36	17.77 -1.03 -0.42	17.95 -1.03 -0.61	17.99 -1.03 -0.64	17.85 -1.05 -0.77	18.20 -0.94 -0.71	19.17 -0.97 -0.26	19.81 -1.03 -0.59	21.73 -1.17 -0.47	23.59 -1.22 0.00	23.30 -1.17 0.00	21.62 -1.02 0.00	21.03 -1.04 0.00	19.59 -0.94 0.00	17.55 -0.97 -0.17
GLEN PARK___ 23778	18.84 0.29 -0.15	15.63 0.21 -0.18	14.76 0.16 -0.17	13.17 0.15 -0.22	14.51 0.16 -0.10	15.10 0.21 -0.10	15.50 0.17 -0.15	15.55 0.14 -0.21	18.07 0.11 -0.15	18.13 0.04 -0.16	18.77 0.20 -0.19	18.85 0.20 -0.28	18.74 0.07 -0.29	18.48 0.00 -0.35	18.70 -0.06 -0.32	19.93 -0.08 -0.12	20.46 -0.06 -0.27	22.67 0.02 -0.21	25.03 0.22 0.00	24.91 0.44 0.00	23.15 0.52 0.00	22.55 0.48 0.00	20.91 0.37 0.00	18.71 0.28 -0.08
GLENDALE_27_KV_LOAD 356172	22.64 1.47 -2.78	19.78 1.22 -3.33	18.65 1.13 -3.09	17.75 0.97 -3.98	17.10 1.07 -1.77	17.79 1.09 -1.90	19.09 1.15 -2.76	20.13 1.11 -3.82	21.82 1.35 -2.65	22.26 1.34 -2.99	23.28 1.40 -3.51	24.87 1.41 -5.08	25.22 1.47 -5.37	26.03 1.45 -6.46	25.96 1.62 -5.91	23.89 1.85 -2.15	27.10 1.90 -4.95	28.45 2.09 -3.93	27.09 2.28 0.00	26.68 2.20 0.00	24.58 1.95 0.00	23.96 1.90 0.00	22.40 1.87 0.00	21.16 1.39 -1.41

GLENWOOD_IC_1_G5 23712	22.71 1.54 -2.78	19.83 1.28 -3.33	18.70 1.18 -3.08	17.81 1.04 -3.98	17.14 1.13 -1.77	17.86 1.17 -1.90	19.17 1.23 -2.76	20.25 1.23 -3.82	21.98 1.51 -2.65	22.44 1.52 -2.99	26.50 1.53 -6.60	26.82 1.54 -6.90	27.18 1.58 -7.22	27.82 1.54 -8.16	27.82 1.70 -7.70	27.45 1.93 -5.63	29.24 1.98 -7.01	31.32 2.18 -6.71	29.25 2.41 -2.03	27.80 2.32 -1.00	27.43 2.08 -2.71	27.43 2.05 -3.31	22.60 1.91 -0.16	21.29 1.51 -1.43
GLENWOOD_IC_2_G1 23688	22.61 1.44 -2.79	19.75 1.19 -3.33	18.62 1.10 -3.09	17.72 0.95 -3.98	17.07 1.04 -1.77	17.77 1.07 -1.91	19.09 1.14 -2.77	20.15 1.12 -3.83	21.87 1.39 -2.66	22.32 1.40 -3.00	26.37 1.40 -6.60	26.69 1.41 -6.90	27.05 1.45 -7.22	27.70 1.41 -8.16	27.71 1.59 -7.70	27.31 1.79 -5.63	29.10 1.84 -7.01	31.16 2.02 -6.71	29.07 2.23 -2.03	27.65 2.18 -1.00	27.27 1.92 -2.71	27.28 1.90 -3.31	22.38 1.68 -0.16	21.16 1.38 -1.43
GLENWOOD_IC_3_G1 23689	22.61 1.44 -2.79	19.75 1.19 -3.33	18.62 1.10 -3.09	17.72 0.95 -3.98	17.07 1.04 -1.77	17.77 1.07 -1.91	19.09 1.14 -2.77	20.15 1.12 -3.83	21.87 1.39 -2.66	22.32 1.40 -3.00	26.37 1.40 -6.60	26.69 1.41 -6.90	27.05 1.45 -7.22	27.70 1.41 -8.16	27.71 1.59 -7.70	27.31 1.79 -5.63	29.10 1.84 -7.01	31.16 2.02 -6.71	29.07 2.23 -2.03	27.65 2.18 -1.00	27.27 1.92 -2.71	27.28 1.90 -3.31	22.38 1.68 -0.16	21.16 1.38 -1.43
GLENWOOD___4 23550	22.71 1.54 -2.78	19.83 1.28 -3.33	18.70 1.18 -3.08	17.81 1.04 -3.98	17.14 1.13 -1.77	17.86 1.17 -1.90	19.17 1.23 -2.76	20.25 1.23 -3.82	21.98 1.51 -2.65	22.44 1.52 -2.99	26.50 1.53 -6.60	26.82 1.54 -6.90	27.18 1.58 -7.22	27.82 1.54 -8.16	27.82 1.70 -7.70	27.45 1.93 -5.63	29.24 1.98 -7.01	31.32 2.18 -6.71	29.25 2.41 -2.03	27.80 2.32 -1.00	27.43 2.08 -2.71	27.43 2.05 -3.31	22.60 1.91 -0.16	21.29 1.51 -1.43
GLENWOOD___5 23614	22.71 1.54 -2.78	19.83 1.28 -3.33	18.70 1.18 -3.08	17.81 1.04 -3.98	17.14 1.13 -1.77	17.86 1.17 -1.90	19.17 1.23 -2.76	20.25 1.23 -3.82	21.98 1.51 -2.65	22.44 1.52 -2.99	26.50 1.53 -6.60	26.82 1.54 -6.90	27.18 1.58 -7.22	27.82 1.54 -8.16	27.82 1.70 -7.70	27.45 1.93 -5.63	29.24 1.98 -7.01	31.32 2.18 -6.71	29.25 2.41 -2.03	27.80 2.32 -1.00	27.43 2.08 -2.71	27.43 2.05 -3.31	22.60 1.91 -0.16	21.29 1.51 -1.43
GLOBAL GREEN_PORT_GT1 23814	23.64 2.47 -2.79	20.62 2.06 -3.33	19.39 1.86 -3.09	18.44 1.66 -3.98	17.88 1.85 -1.77	18.66 1.95 -1.91	19.89 1.94 -2.77	21.00 1.98 -3.83	22.99 2.51 -2.66	23.38 2.46 -3.00	27.42 2.44 -6.60	27.74 2.46 -6.90	28.09 2.50 -7.22	28.84 2.56 -8.15	28.85 2.73 -7.69	28.50 2.98 -5.63	30.45 3.20 -7.01	32.71 3.57 -6.71	30.78 3.94 -2.03	29.24 3.77 -1.00	28.63 3.28 -2.71	28.62 3.24 -3.31	23.71 3.02 -0.16	22.38 2.59 -1.43
GLOBE___DSASP 323697	17.98 -0.85 -0.43	15.00 -0.75 -0.52	14.29 -0.62 -0.48	12.96 -0.46 -0.62	14.05 -0.48 -0.28	14.56 -0.53 -0.30	14.90 -0.71 -0.43	14.96 -0.84 -0.60	17.02 -1.21 -0.42	17.27 -1.13 -0.47	17.76 -1.16 -0.54	18.08 -1.08 -0.79	18.05 -1.16 -0.83	17.91 -1.21 -1.00	18.28 -1.07 -0.91	19.23 -0.99 -0.33	20.04 -0.97 -0.77	21.90 -1.14 -0.61	23.62 -1.19 0.00	23.52 -0.95 0.00	21.82 -0.81 0.00	21.27 -0.79 0.00	19.61 -0.92 0.00	17.64 -0.94 -0.22
GOETHSLN___LBMP 323567	22.42 1.25 -2.78	19.59 1.04 -3.32	18.47 0.95 -3.08	17.59 0.82 -3.98	16.90 0.88 -1.76	17.63 0.93 -1.90	18.96 1.02 -2.76	20.02 1.00 -3.82	21.70 1.23 -2.65	22.15 1.24 -2.99	23.15 1.27 -3.51	24.74 1.29 -5.08	25.07 1.32 -5.37	25.87 1.29 -6.46	25.81 1.47 -5.91	23.73 1.69 -2.15	26.96 1.76 -4.95	28.27 1.91 -3.93	26.94 2.13 0.00	26.50 2.03 0.00	24.42 1.79 0.00	23.81 1.74 0.00	22.18 1.64 0.00	20.96 1.19 -1.41
GOLAH___69_KV_TB 1_2 80279	18.54 -0.20 -0.35	15.41 -0.24 -0.42	14.62 -0.20 -0.39	13.20 -0.10 -0.51	14.41 -0.07 -0.22	14.93 -0.10 -0.24	15.33 -0.20 -0.35	15.47 -0.21 -0.49	17.76 -0.39 -0.34	17.95 -0.36 -0.38	18.45 -0.37 -0.44	18.65 -0.37 -0.64	18.65 -0.40 -0.68	18.47 -0.47 -0.81	18.90 -0.28 -0.74	19.92 -0.24 -0.27	20.61 -0.26 -0.62	22.66 -0.27 -0.50	24.58 -0.22 0.00	24.45 -0.02 0.00	22.68 0.05 0.00	22.07 0.00 0.00	20.39 -0.14 0.00	18.33 -0.20 -0.18
GOODYEAR_LAKE_HYD 323669	19.81 0.75 -0.66	16.63 0.61 -0.79	15.72 0.55 -0.74	14.24 0.50 -0.95	15.22 0.54 -0.42	15.82 0.58 -0.45	16.42 0.58 -0.66	16.68 0.56 -0.91	19.12 0.68 -0.63	19.30 0.66 -0.71	19.96 0.75 -0.83	20.36 0.79 -1.20	20.38 0.73 -1.27	20.36 0.71 -1.52	20.62 0.79 -1.40	21.31 0.91 -0.51	22.37 0.95 -1.17	24.44 1.08 -0.93	26.05 1.24 0.00	25.72 1.25 0.00	23.81 1.18 0.00	23.21 1.15 0.00	21.52 0.99 0.00	19.42 0.73 -0.33
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	19.39 0.11 -0.89	16.35 0.06 -1.06	15.49 0.07 -0.98	14.13 0.06 -1.27	14.90 0.09 -0.56	15.49 0.09 -0.61	16.12 0.06 -0.88	16.47 0.05 -1.22	18.68 0.02 -0.85	18.92 0.04 -0.95	19.56 0.07 -1.11	20.07 0.09 -1.60	20.16 0.09 -1.70	20.20 0.04 -2.04	20.44 0.15 -1.87	20.81 0.24 -0.68	22.06 0.24 -1.56	23.94 0.27 -1.24	25.23 0.42 0.00	24.94 0.46 0.00	23.06 0.43 0.00	22.49 0.42 0.00	20.84 0.31 0.00	18.89 0.09 -0.45
GOUDEY___7 23579	19.41 0.13 -0.89	16.37 0.08 -1.06	15.50 0.09 -0.98	14.14 0.08 -1.27	14.92 0.10 -0.56	15.50 0.10 -0.61	16.14 0.08 -0.88	16.48 0.06 -1.22	18.70 0.04 -0.85	18.93 0.05 -0.95	19.57 0.09 -1.11	20.09 0.11 -1.60	20.18 0.11 -1.70	20.22 0.05 -2.04	20.46 0.17 -1.87	20.83 0.26 -0.68	22.08 0.26 -1.56	23.96 0.29 -1.24	25.25 0.45 0.00	24.96 0.49 0.00	23.09 0.45 0.00	22.51 0.44 0.00	20.86 0.33 0.00	18.91 0.11 -0.45
GOUDEY___8 23580	19.39 0.11 -0.89	16.35 0.06 -1.06	15.49 0.07 -0.98	14.13 0.06 -1.27	14.90 0.09 -0.56	15.49 0.09 -0.61	16.12 0.06 -0.88	16.47 0.05 -1.22	18.68 0.02 -0.85	18.92 0.04 -0.95	19.56 0.07 -1.11	20.07 0.09 -1.60	20.16 0.09 -1.70	20.20 0.04 -2.04	20.44 0.15 -1.87	20.81 0.24 -0.68	22.06 0.24 -1.56	23.94 0.27 -1.24	25.23 0.42 0.00	24.94 0.46 0.00	23.06 0.43 0.00	22.49 0.42 0.00	20.84 0.31 0.00	18.89 0.09 -0.45
GOWANUS_GT1_1 24077	22.70 1.53 -2.78	19.83 1.26 -3.33	18.69 1.17 -3.09	17.77 1.00 -3.98	17.11 1.08 -1.77	17.80 1.11 -1.90	19.11 1.17 -2.76	20.13 1.11 -3.82	21.82 1.35 -2.65	22.24 1.33 -2.99	23.28 1.40 -3.51	24.87 1.41 -5.08	25.23 1.49 -5.37	26.07 1.47 -6.48	25.98 1.62 -5.93	23.91 1.87 -2.15	32.34 1.92 -10.17	31.66 2.11 -7.12	27.12 2.31 0.00	26.72 2.25 0.00	24.58 1.95 0.00	23.99 1.92 0.00	22.47 1.93 0.00	21.20 1.43 -1.41
GOWANUS_GT1_2 24078	22.70 1.53 -2.78	19.83 1.26 -3.33	18.69 1.17 -3.09	17.77 1.00 -3.98	17.11 1.08 -1.77	17.80 1.11 -1.90	19.11 1.17 -2.76	20.13 1.11 -3.82	21.82 1.35 -2.65	22.24 1.33 -2.99	23.28 1.40 -3.51	24.87 1.41 -5.08	25.23 1.49 -5.37	26.07 1.47 -6.48	25.98 1.62 -5.93	23.91 1.87 -2.15	32.34 1.92 -10.17	31.66 2.11 -7.12	27.12 2.31 0.00	26.72 2.25 0.00	24.58 1.95 0.00	23.99 1.92 0.00	22.47 1.93 0.00	21.20 1.43 -1.41

GOWANUS_GT1_3 24079	22.70 1.53 -2.78	19.83 1.26 -3.33	18.69 1.17 -3.09	17.77 1.00 -3.98	17.11 1.08 -1.77	17.80 1.11 -1.90	19.11 1.17 -2.76	20.13 1.11 -3.82	21.82 1.35 -2.65	22.24 1.33 -2.99	23.28 1.40 -3.51	24.87 1.41 -5.08	25.23 1.49 -5.37	26.07 1.47 -6.48	25.98 1.62 -5.93	23.91 1.87 -2.15	32.34 1.92 -10.17	31.66 2.11 -7.12	27.12 2.31 0.00	26.72 2.25 0.00	24.58 1.95 0.00	23.99 1.92 0.00	22.47 1.93 0.00	21.20 1.43 -1.41
GOWANUS_GT1_4 24080	22.70 1.53 -2.78	19.83 1.26 -3.33	18.69 1.17 -3.09	17.77 1.00 -3.98	17.11 1.08 -1.77	17.80 1.11 -1.90	19.11 1.17 -2.76	20.13 1.11 -3.82	21.82 1.35 -2.65	22.24 1.33 -2.99	23.28 1.40 -3.51	24.87 1.41 -5.08	25.23 1.49 -5.37	26.07 1.47 -6.48	25.98 1.62 -5.93	23.91 1.87 -2.15	32.34 1.92 -10.17	31.66 2.11 -7.12	27.12 2.31 0.00	26.72 2.25 0.00	24.58 1.95 0.00	23.99 1.92 0.00	22.47 1.93 0.00	21.20 1.43 -1.41
GOWANUS_GT1_5 24084	22.70 1.53 -2.78	19.83 1.26 -3.33	18.69 1.17 -3.09	17.77 1.00 -3.98	17.11 1.08 -1.77	17.80 1.11 -1.90	19.11 1.17 -2.76	20.13 1.11 -3.82	21.82 1.35 -2.65	22.24 1.33 -2.99	23.28 1.40 -3.51	24.87 1.41 -5.08	25.23 1.49 -5.37	26.07 1.47 -6.48	25.98 1.62 -5.93	23.91 1.87 -2.15	32.34 1.92 -10.17	31.66 2.11 -7.12	27.12 2.31 0.00	26.72 2.25 0.00	24.58 1.95 0.00	23.99 1.92 0.00	22.47 1.93 0.00	21.20 1.43 -1.41
GOWANUS_GT1_6 24111	22.70 1.53 -2.78	19.83 1.26 -3.33	18.69 1.17 -3.09	17.77 1.00 -3.98	17.11 1.08 -1.77	17.80 1.11 -1.90	19.11 1.17 -2.76	20.13 1.11 -3.82	21.82 1.35 -2.65	22.24 1.33 -2.99	23.28 1.40 -3.51	24.87 1.41 -5.08	25.23 1.49 -5.37	26.07 1.47 -6.48	25.98 1.62 -5.93	23.91 1.87 -2.15	32.34 1.92 -10.17	31.66 2.11 -7.12	27.12 2.31 0.00	26.72 2.25 0.00	24.58 1.95 0.00	23.99 1.92 0.00	22.47 1.93 0.00	21.20 1.43 -1.41
GOWANUS_GT1_7 24112	22.70 1.53 -2.78	19.83 1.26 -3.33	18.69 1.17 -3.09	17.77 1.00 -3.98	17.11 1.08 -1.77	17.80 1.11 -1.90	19.11 1.17 -2.76	20.13 1.11 -3.82	21.82 1.35 -2.65	22.24 1.33 -2.99	23.28 1.40 -3.51	24.87 1.41 -5.08	25.23 1.49 -5.37	26.07 1.47 -6.48	25.98 1.62 -5.93	23.91 1.87 -2.15	32.34 1.92 -10.17	31.66 2.11 -7.12	27.12 2.31 0.00	26.72 2.25 0.00	24.58 1.95 0.00	23.99 1.92 0.00	22.47 1.93 0.00	21.20 1.43 -1.41
GOWANUS_GT1_8 24113	22.70 1.53 -2.78	19.83 1.26 -3.33	18.69 1.17 -3.09	17.77 1.00 -3.98	17.11 1.08 -1.77	17.80 1.11 -1.90	19.11 1.17 -2.76	20.13 1.11 -3.82	21.82 1.35 -2.65	22.24 1.33 -2.99	23.28 1.40 -3.51	24.87 1.41 -5.08	25.23 1.49 -5.37	26.07 1.47 -6.48	25.98 1.62 -5.93	23.91 1.87 -2.15	32.34 1.92 -10.17	31.66 2.11 -7.12	27.12 2.31 0.00	26.72 2.25 0.00	24.58 1.95 0.00	23.99 1.92 0.00	22.47 1.93 0.00	21.20 1.43 -1.41
GOWANUS_GT2_1 24114	22.72 1.55 -2.78	19.83 1.26 -3.33	18.69 1.17 -3.09	17.78 1.00 -3.98	17.11 1.08 -1.77	17.80 1.11 -1.90	19.11 1.17 -2.76	20.13 1.11 -3.82	21.82 1.35 -2.65	22.24 1.33 -2.99	23.28 1.40 -3.51	24.87 1.41 -5.08	25.23 1.49 -5.37	26.07 1.47 -6.48	25.98 1.62 -5.93	23.91 1.87 -2.15	32.34 1.92 -10.17	31.66 2.11 -7.12	32.41 2.31 -5.29	26.72 2.25 0.00	24.58 1.95 0.00	23.99 1.92 0.00	22.26 1.73 0.00	21.20 1.43 -1.41
GOWANUS_GT2_2 24115	22.72 1.55 -2.78	19.83 1.26 -3.33	18.69 1.17 -3.09	17.7																				

GOWANUS_GT3_2 24123	22.72 1.55 -2.79	19.83 1.26 -3.33	18.69 1.17 -3.09	17.78 1.00 -3.98	17.11 1.08 -1.77	17.80 1.11 -1.90	19.11 1.17 -2.76	20.13 1.11 -3.82	21.82 1.35 -2.65	22.24 1.33 -2.99	23.28 1.40 -3.51	24.87 1.41 -5.08	25.23 1.49 -5.37	26.07 1.47 -6.48	25.98 1.62 -5.93	23.91 1.87 -2.15	32.34 1.92 -10.17	31.66 2.11 -7.12	32.41 2.31 -5.29	26.72 2.25 0.00	24.58 1.95 0.00	23.99 1.92 0.00	22.26 1.73 0.00	21.20 1.43 -1.41
GOWANUS_GT3_3 24124	22.72 1.55 -2.79	19.83 1.26 -3.33	18.69 1.17 -3.09	17.78 1.00 -3.98	17.11 1.08 -1.77	17.80 1.11 -1.90	19.11 1.17 -2.76	20.13 1.11 -3.82	21.82 1.35 -2.65	22.24 1.33 -2.99	23.28 1.40 -3.51	24.87 1.41 -5.08	25.23 1.49 -5.37	26.07 1.47 -6.48	25.98 1.62 -5.93	23.91 1.87 -2.15	32.34 1.92 -10.17	31.66 2.11 -7.12	32.41 2.31 -5.29	26.72 2.25 0.00	24.58 1.95 0.00	23.99 1.92 0.00	22.26 1.73 0.00	21.20 1.43 -1.41
GOWANUS_GT3_4 24125	22.72 1.55 -2.79	19.83 1.26 -3.33	18.69 1.17 -3.09	17.78 1.00 -3.98	17.11 1.08 -1.77	17.80 1.11 -1.90	19.11 1.17 -2.76	20.13 1.11 -3.82	21.82 1.35 -2.65	22.24 1.33 -2.99	23.28 1.40 -3.51	24.87 1.41 -5.08	25.23 1.49 -5.37	26.07 1.47 -6.48	25.98 1.62 -5.93	23.91 1.87 -2.15	32.34 1.92 -10.17	31.66 2.11 -7.12	32.41 2.31 -5.29	26.72 2.25 0.00	24.58 1.95 0.00	23.99 1.92 0.00	22.26 1.73 0.00	21.20 1.43 -1.41
GOWANUS_GT3_5 24126	22.72 1.55 -2.79	19.83 1.26 -3.33	18.69 1.17 -3.09	17.78 1.00 -3.98	17.11 1.08 -1.77	17.80 1.11 -1.90	19.11 1.17 -2.76	20.13 1.11 -3.82	21.82 1.35 -2.65	22.24 1.33 -2.99	23.28 1.40 -3.51	24.87 1.41 -5.08	25.23 1.49 -5.37	26.07 1.47 -6.48	25.98 1.62 -5.93	23.91 1.87 -2.15	32.34 1.92 -10.17	31.66 2.11 -7.12	32.41 2.31 -5.29	26.72 2.25 0.00	24.58 1.95 0.00	23.99 1.92 0.00	22.26 1.73 0.00	21.20 1.43 -1.41
GOWANUS_GT3_6 24127	22.72 1.55 -2.79	19.83 1.26 -3.33	18.69 1.17 -3.09	17.78 1.00 -3.98	17.11 1.08 -1.77	17.80 1.11 -1.90	19.11 1.17 -2.76	20.13 1.11 -3.82	21.82 1.35 -2.65	22.24 1.33 -2.99	23.28 1.40 -3.51	24.87 1.41 -5.08	25.23 1.49 -5.37	26.07 1.47 -6.48	25.98 1.62 -5.93	23.91 1.87 -2.15	32.34 1.92 -10.17	31.66 2.11 -7.12	32.41 2.31 -5.29	26.72 2.25 0.00	24.58 1.95 0.00	23.99 1.92 0.00	22.26 1.73 0.00	21.20 1.43 -1.41
GOWANUS_GT3_7 24128	22.72 1.55 -2.79	19.83 1.26 -3.33	18.69 1.17 -3.09	17.78 1.00 -3.98	17.11 1.08 -1.77	17.80 1.11 -1.90	19.11 1.17 -2.76	20.13 1.11 -3.82	21.82 1.35 -2.65	22.24 1.33 -2.99	23.28 1.40 -3.51	24.87 1.41 -5.08	25.23 1.49 -5.37	26.07 1.47 -6.48	25.98 1.62 -5.93	23.91 1.87 -2.15	32.34 1.92 -10.17	31.66 2.11 -7.12	32.41 2.31 -5.29	26.72 2.25 0.00	24.58 1.95 0.00	23.99 1.92 0.00	22.26 1.73 0.00	21.20 1.43 -1.41
GOWANUS_GT3_8 24129	22.72 1.55 -2.79	19.83 1.26 -3.33	18.69 1.17 -3.09	17.78 1.00 -3.98	17.11 1.08 -1.77	17.80 1.11 -1.90	19.11 1.17 -2.76	20.13 1.11 -3.82	21.82 1.35 -2.65	22.24 1.33 -2.99	23.28 1.40 -3.51	24.87 1.41 -5.08	25.23 1.49 -5.37	26.07 1.47 -6.48	25.98 1.62 -5.93	23.91 1.87 -2.15	32.34 1.92 -10.17	31.66 2.11 -7.12	32.41 2.31 -5.29	26.72 2.25 0.00	24.58 1.95 0.00	23.99 1.92 0.00	22.26 1.73 0.00	21.20 1.43 -1.41
GOWANUS_GT4_1 24130	22.70 1.53 -2.78	19.83 1.26 -3.33	18.69 1.17 -3.09																					

HOLTSVILLE_IC_4 23693	22.98 1.80 -2.79	20.06 1.49 -3.33	18.90 1.37 -3.09	18.02 1.24 -3.98	17.38 1.35 -1.77	18.11 1.41 -1.91	19.37 1.43 -2.77	20.44 1.41 -3.83	22.26 1.78 -2.66	22.66 1.74 -3.00	26.65 1.67 -6.60	26.94 1.67 -6.90	27.28 1.69 -7.22	27.98 1.70 -8.15	28.01 1.88 -7.69	27.61 2.09 -5.63	29.44 2.19 -7.01	31.56 2.42 -6.71	29.52 2.68 -2.03	28.04 2.57 -1.00	27.63 2.29 -2.71	27.63 2.25 -3.31	22.83 2.14 -0.16	21.60 1.82 -1.43
HOLTSVILLE_IC_5 23694	22.98 1.80 -2.79	20.06 1.49 -3.33	18.90 1.37 -3.09	18.02 1.24 -3.98	17.38 1.35 -1.77	18.11 1.41 -1.91	19.37 1.43 -2.77	20.44 1.41 -3.83	22.26 1.78 -2.66	22.66 1.74 -3.00	26.65 1.67 -6.60	26.94 1.67 -6.90	27.28 1.69 -7.22	27.98 1.70 -8.15	28.01 1.88 -7.69	27.61 2.09 -5.63	29.44 2.19 -7.01	31.56 2.42 -6.71	29.52 2.68 -2.03	28.04 2.57 -1.00	27.63 2.29 -2.71	27.63 2.25 -3.31	22.83 2.14 -0.16	21.60 1.82 -1.43
HOLTSVILLE_IC_6 23695	23.07 1.89 -2.79	20.13 1.57 -3.33	18.95 1.43 -3.09	18.08 1.31 -3.98	17.48 1.45 -1.77	18.17 1.46 -1.91	19.44 1.49 -2.77	20.52 1.49 -3.83	22.33 1.85 -2.66	22.75 1.83 -3.00	26.74 1.76 -6.60	27.05 1.78 -6.90	27.40 1.80 -7.22	28.11 1.83 -8.15	28.12 1.99 -7.69	27.73 2.21 -5.63	29.58 2.33 -7.01	31.72 2.58 -6.71	29.69 2.85 -2.03	28.21 2.74 -1.00	27.77 2.42 -2.71	27.76 2.38 -3.31	22.95 2.26 -0.16	21.70 1.91 -1.43
HOLTSVILLE_IC_7 23696	23.07 1.89 -2.79	20.13 1.57 -3.33	18.95 1.43 -3.09	18.08 1.31 -3.98	17.48 1.45 -1.77	18.17 1.46 -1.91	19.44 1.49 -2.77	20.52 1.49 -3.83	22.33 1.85 -2.66	22.75 1.83 -3.00	26.74 1.76 -6.60	27.05 1.78 -6.90	27.40 1.80 -7.22	28.11 1.83 -8.15	28.12 1.99 -7.69	27.73 2.21 -5.63	29.58 2.33 -7.01	31.72 2.58 -6.71	29.69 2.85 -2.03	28.21 2.74 -1.00	27.77 2.42 -2.71	27.76 2.38 -3.31	22.95 2.26 -0.16	21.70 1.91 -1.43
HOLTSVILLE_IC_8 23697	23.07 1.89 -2.79	20.13 1.57 -3.33	18.95 1.43 -3.09	18.08 1.31 -3.98	17.48 1.45 -1.77	18.17 1.46 -1.91	19.44 1.49 -2.77	20.52 1.49 -3.83	22.33 1.85 -2.66	22.75 1.83 -3.00	26.74 1.76 -6.60	27.05 1.78 -6.90	27.40 1.80 -7.22	28.11 1.83 -8.15	28.12 1.99 -7.69	27.73 2.21 -5.63	29.58 2.33 -7.01	31.72 2.58 -6.71	29.69 2.85 -2.03	28.21 2.74 -1.00	27.77 2.42 -2.71	27.76 2.38 -3.31	22.95 2.26 -0.16	21.70 1.91 -1.43
HOLTSVILLE_IC_9 23698	23.07 1.89 -2.79	20.13 1.57 -3.33	18.95 1.43 -3.09	18.08 1.31 -3.98	17.48 1.45 -1.77	18.17 1.46 -1.91	19.44 1.49 -2.77	20.52 1.49 -3.83	22.33 1.85 -2.66	22.75 1.83 -3.00	26.74 1.76 -6.60	27.05 1.78 -6.90	27.40 1.80 -7.22	28.11 1.83 -8.15	28.12 1.99 -7.69	27.73 2.21 -5.63	29.58 2.33 -7.01	31.72 2.58 -6.71	29.69 2.85 -2.03	28.21 2.74 -1.00	27.77 2.42 -2.71	27.76 2.38 -3.31	22.95 2.26 -0.16	21.70 1.91 -1.43
HOMER_HL_115KV_TB2 355744	18.00 -0.92 -0.53	15.01 -0.85 -0.63	14.27 -0.75 -0.59	12.96 -0.59 -0.76	13.96 -0.63 -0.34	14.46 -0.70 -0.36	14.93 -0.77 -0.53	15.14 -0.79 -0.73	17.23 -1.09 -0.51	17.48 -1.02 -0.57	18.01 -1.03 -0.66	18.32 -1.01 -0.96	18.32 -1.07 -1.01	18.17 -1.18 -1.22	18.61 -0.94 -1.11	19.44 -0.86 -0.41	20.45 -0.73 -0.93	22.32 -0.85 -0.74	24.54 -0.27 0.00	24.50 0.02 0.00	22.68 0.05 0.00	22.13 0.07 0.00	20.27 -0.27 0.00	17.76 -0.86 -0.27
HOWARD_WT_PWR 323690	19.05 0.07 -0.59	15.84 -0.09 -0.70	15.03 -0.06 -0.65	13.62 -0.01 -0.84	14.64 0.01 -0.37	15.18 -0.01 -0.40	15.69 -0.08 -0.58	15.93 -0.08 -0.81	18.12 -0.25 -0.56	18.32 -0.23 -0.63	18.85 -0.26 -0.73	19.12 -0.31 -1.06	19.13 -0.37 -1.12	18.98 -0.49 -1.35	19.35 -0.31 -1.23	20.16 -0.18 -0.45	21.14 -0.14 -1.03	23.14 -0.11 -0.82	25.06 0.25 0.00	24.96 0.49 0.00	23.18 0.54 0.00	22.55 0.48 0.00	20.95 0.41 0.00	18.59 -0.05 -0.29
HQ_GEN_CEDARS 23644	18.04 -0.35 0.00	14.96 -0.27 0.00	14.17 -0.26 0.00	12.52 -0.27 0.00	13.95 -0.30 0.00	14.53 -0.27 0.00	14.95 -0.23 0.00	14.99 -0.21 0.00	17.53 -0.29 0.00	17.62 -0.30 0.00	18.03 -0.35 0.00	17.97 -0.40 0.00	17.97 -0.40 0.00	17.76 -0.36 0.00	17.97 -0.46 0.00	19.39 -0.50 0.00	19.76 -0.49 0.00	21.94 -0.49 0.00	24.14 -0.67 0.00	23.84 -0.64 0.00	22.07 -0.57 0.00	21.49 -0.57 0.00	20.02 -0.51 0.00	18.02 -0.33 0.00
HQ_GEN_CEDARS_PROXY 323590	18.03 -0.37 0.00	14.96 -0.27 0.00	14.17 -0.26 0.00	12.52 -0.27 0.00	13.95 -0.30 0.00	14.53 -0.27 0.00	14.95 -0.23 0.00	14.99 -0.21 0.00	17.53 -0.29 0.00	17.62 -0.30 0.00	18.03 -0.35 0.00	17.99 -0.39 0.00	17.97 -0.40 0.00	17.76 -0.36 0.00	17.97 -0.46 0.00	19.39 -0.50 0.00	19.76 -0.49 0.00	21.94 -0.49 0.00	24.14 -0.67 0.00	23.84 -0.64 0.00	22.07 -0.56 0.00	21.68 -0.57 -0.19	19.83 -0.51 0.19	18.02 -0.33 0.00
HQ_GEN_IMPORT 323601	18.08 -0.31 0.00	15.02 -0.21 0.00	14.23 -0.20 0.00	12.60 -0.19 0.00	14.04 -0.21 0.00	14.59 -0.21 0.00	14.98 -0.20 0.00	15.00 -0.20 0.00	17.58 -0.23 0.00	17.68 -0.25 0.00	18.08 -0.29 0.00	18.08 -0.29 0.00	18.08 -0.29 0.00	17.85 -0.27 0.00	18.08 -0.35 0.00	19.49 -0.40 0.00	19.86 -0.39 0.00	22.00 -0.43 0.00	24.31 -0.50 0.00	23.98 -0.49 0.00	22.18 -0.45 0.00	21.81 -0.44 -0.19	19.94 -0.41 0.19	18.08 -0.27 0.00
HQ_GEN_WHEEL 23651	18.08 -0.31 0.00	15.02 -0.21 0.00	14.23 -0.20 0.00	12.60 -0.19 0.00	14.04 -0.21 0.00	14.59 -0.21 0.00	14.98 -0.20 0.00	15.00 -0.20 0.00	17.58 -0.23 0.00	17.68 -0.25 0.00	18.08 -0.29 0.00	18.08 -0.29 0.00	18.08 -0.29 0.00	17.85 -0.27 0.00	18.08 -0.35 0.00	19.49 -0.40 0.00	19.86 -0.39 0.00	22.00 -0.43 0.00	24.31 -0.50 0.00	23.98 -0.49 0.00	22.18 -0.45 0.00	21.81 -0.44 -0.19	19.94 -0.41 0.19	18.08 -0.27 0.00
HUDSON_AVE_GT_3 23810	22.51 1.34 -2.78	19.67 1.11 -3.32	18.54 1.02 -3.08	17.65 0.88 -3.98	16.99 0.97 -1.76	17.69 0.99 -1.90	19.02 1.08 -2.76	20.08 1.06 -3.82	21.78 1.32 -2.65	22.22 1.31 -2.99	23.22 1.34 -3.51	24.81 1.36 -5.08	25.16 1.41 -5.37	25.96 1.38 -6.46	25.89 1.55 -5.91	23.79 1.75 -2.15	27.02 1.82 -4.95	28.36 2.00 -3.93	27.02 2.21 0.00	26.60 2.13 0.00	24.49 1.86 0.00	23.90 1.83 0.00	22.28 1.75 0.00	21.05 1.28 -1.41
HUDSON_AVE_GT_4 23540	22.51 1.34 -2.78	19.67 1.11 -3.32	18.54 1.02 -3.08	17.65 0.88 -3.98	16.99 0.97 -1.76	17.69 0.99 -1.90	19.02 1.08 -2.76	20.08 1.06 -3.82	21.78 1.32 -2.65	22.22 1.31 -2.99	23.22 1.34 -3.51	24.81 1.36 -5.08	25.16 1.41 -5.37	25.96 1.38 -6.46	25.89 1.55 -5.91	23.79 1.75 -2.15	27.02 1.82 -4.95	28.36 2.00 -3.93	27.02 2.21 0.00	26.60 2.13 0.00	24.49 1.86 0.00	23.90 1.83 0.00	22.28 1.75 0.00	21.05 1.28 -1.41
HUDSON_AVE_GT_5 23657	22.51 1.34 -2.78	19.67 1.11 -3.32	18.54 1.02 -3.08	17.65 0.88 -3.98	16.99 0.97 -1.76	17.69 0.99 -1.90	19.02 1.08 -2.76	20.08 1.06 -3.82	21.78 1.32 -2.65	22.22 1.31 -2.99	23.22 1.34 -3.51	24.81 1.36 -5.08	25.16 1.41 -5.37	25.96 1.38 -6.46	25.89 1.55 -5.91	23.79 1.75 -2.15	27.02 1.82 -4.95	28.36 2.00 -3.93	27.02 2.21 0.00	26.60 2.13 0.00	24.49 1.86 0.00	23.90 1.83 0.00	22.28 1.75 0.00	21.05 1.28 -1.41

INDECK___YERKES 23781	18.47 -0.37 -0.44	15.26 -0.50 -0.53	14.55 -0.38 -0.49	13.17 -0.26 -0.64	14.29 -0.24 -0.28	14.80 -0.30 -0.30	15.20 -0.42 -0.44	15.32 -0.49 -0.61	17.42 -0.82 -0.42	17.67 -0.74 -0.48	18.17 -0.75 -0.55	18.42 -0.75 -0.80	18.45 -0.77 -0.85	18.31 -0.83 -1.02	18.72 -0.65 -0.93	19.69 -0.54 -0.34	20.55 -0.49 -0.78	22.45 -0.60 -0.62	24.31 -0.50 0.00	24.28 -0.20 0.00	22.54 -0.09 0.00	21.93 -0.13 0.00	20.41 -0.12 0.00	18.08 -0.49 -0.22
INDIAN POINT_GT_1 24139	22.30 1.16 -2.75	19.48 0.96 -3.29	18.38 0.89 -3.05	17.50 0.77 -3.94	16.83 0.83 -1.75	17.52 0.84 -1.88	18.82 0.91 -2.73	19.88 0.90 -3.78	21.56 1.12 -2.63	22.01 1.13 -2.96	23.00 1.16 -3.47	24.58 1.18 -5.03	24.90 1.21 -5.32	25.70 1.18 -6.39	25.61 1.33 -5.85	23.53 1.51 -2.12	26.73 1.58 -4.90	28.05 1.73 -3.89	26.69 1.89 0.00	26.31 1.84 0.00	24.26 1.63 0.00	23.68 1.61 0.00	22.03 1.50 0.00	20.85 1.10 -1.40
INDIAN POINT_GT_2 23659	22.30 1.16 -2.75	19.48 0.96 -3.29	18.38 0.89 -3.05	17.50 0.77 -3.94	16.83 0.83 -1.75	17.52 0.84 -1.88	18.82 0.91 -2.73	19.88 0.90 -3.78	21.56 1.12 -2.63	22.01 1.13 -2.96	23.00 1.16 -3.47	24.58 1.18 -5.03	24.90 1.21 -5.32	25.70 1.18 -6.39	25.61 1.33 -5.85	23.53 1.51 -2.12	26.73 1.58 -4.90	28.05 1.73 -3.89	26.69 1.89 0.00	26.31 1.84 0.00	24.26 1.63 0.00	23.68 1.61 0.00	22.03 1.50 0.00	20.85 1.10 -1.40
INDIAN POINT_GT_3 24019	22.30 1.16 -2.75	19.48 0.96 -3.29	18.38 0.89 -3.05	17.50 0.77 -3.94	16.83 0.83 -1.75	17.52 0.84 -1.88	18.82 0.91 -2.73	19.88 0.90 -3.78	21.56 1.12 -2.63	22.01 1.13 -2.96	23.00 1.16 -3.47	24.58 1.18 -5.03	24.90 1.21 -5.32	25.70 1.18 -6.39	25.61 1.33 -5.85	23.53 1.51 -2.12	26.73 1.58 -4.90	28.05 1.73 -3.89	26.69 1.89 0.00	26.31 1.84 0.00	24.26 1.63 0.00	23.68 1.61 0.00	22.03 1.50 0.00	20.85 1.10 -1.40
INDIAN POINT___2 23530	22.25 1.14 -2.71	19.42 0.94 -3.25	18.31 0.87 -3.01	17.42 0.74 -3.88	16.79 0.81 -1.72	17.48 0.83 -1.86	18.77 0.90 -2.70	19.81 0.88 -3.73	21.51 1.10 -2.59	21.96 1.11 -2.92	22.94 1.14 -3.43	24.49 1.16 -4.96	24.81 1.19 -5.24	25.59 1.16 -6.31	25.51 1.31 -5.77	23.50 1.51 -2.10	26.64 1.56 -4.83	27.98 1.70 -3.84	26.69 1.88 0.00	26.28 1.81 0.00	24.24 1.61 0.00	23.66 1.59 0.00	21.93 1.40 0.00	20.82 1.08 -1.38
INDIAN POINT___3 23531	22.28 1.14 -2.75	19.47 0.94 -3.29	18.37 0.88 -3.05	17.49 0.75 -3.94	16.83 0.83 -1.75	17.52 0.84 -1.88	18.81 0.90 -2.73	19.88 0.90 -3.78	21.56 1.12 -2.63	22.01 1.13 -2.96	22.99 1.14 -3.47	24.56 1.16 -5.03	24.89 1.19 -5.32	25.68 1.16 -6.39	25.61 1.33 -5.85	23.53 1.51 -2.13	26.71 1.56 -4.90	28.03 1.70 -3.90	26.69 1.89 0.00	26.28 1.81 0.00	24.26 1.63 0.00	23.66 1.59 0.00	22.03 1.50 0.00	20.84 1.08 -1.40
INGHAM_C_115KV_TB7 356103	18.56 0.17 0.00	15.35 0.12 0.00	14.55 0.12 0.00	12.83 0.04 0.00	14.28 0.03 0.00	14.93 0.13 0.00	15.29 0.11 0.00	15.25 0.05 0.00	17.87 0.05 0.00	17.96 0.04 0.00	18.45 0.07 0.00	18.45 0.07 0.00	18.41 0.04 0.00	18.14 0.02 0.00	18.43 0.00 0.00	19.89 0.00 0.00	20.25 0.00 0.00	22.43 0.00 0.00	24.83 0.02 0.00	24.52 0.05 0.00	22.70 0.07 0.00	22.20 0.13 0.00	20.66 0.12 0.00	18.46 0.11 0.00
IP CORINTH___1 23988	23.06 1.10 -3.56	20.36 0.87 -4.26	19.19 0.81 -3.95	18.61 0.72 -5.10	17.34 0.83 -2.26	18.06 0.83 -2.44	19.57 0.85 -3.54	20.97 0.87 -4.90	22.34 1.12 -3.41	23.83 1.17 -4.73	25.11 1.12 -5.62	28.05 1.08 -8.59	27.61 0.99 -8.24	30.08 0.98 -10.97	27.61 0.88 -8.30	23.57 0.95 -2.72	27.66 1.13 -6.28	28.75 1.32 -4.99	27.79 1.59 -1.39	26.06 1.59 0.00	24.17 1.54 0.00	23.52 1.46 0.00	21.81 1.27 0.00	21.63 1.49 -1.79
IP___TICONDEROGA 23804	24.14 2.19 -3.56	21.24 1.75 -4.26	20.03 1.65 -3.95	19.25 1.37 -5.09	18.11 1.60 -2.26	18.90 1.67 -2.44	20.42 1.70 -3.54	21.82 1.72 -4.90	23.37 2.16 -3.40	25.03 2.28 -4.82	26.46 2.35 -5.74	29.48 2.30 -8.81	28.78 2.02 -8.39	31.36 1.98 -11.26	28.70 1.90 -8.37	24.60 1.99 -2.72	28.69 2.17 -6.27	29.95 2.53 -4.99	29.17 2.83 -1.54	27.39 2.91 0.00	25.53 2.90 0.00	24.82 2.76 0.00	22.94 2.40 0.00	22.56 2.42 -1.79
ISLIP_RES_REC 323679	23.17 1.99 -2.79	20.21 1.65 -3.33	19.03 1.50 -3.09	18.15 1.37 -3.98	17.54 1.51 -1.77	18.24 1.54 -1.91	19.50 1.55 -2.77	20.59 1.57 -3.83	22.42 1.94 -2.66	22.84 1.92 -3.00	26.85 1.88 -6.60	27.15 1.88 -6.90	27.49 1.89 -7.22	28.20 1.92 -8.15	28.23 2.10 -7.69	27.85 2.33 -5.63	29.71 2.45 -7.01	31.85 2.71 -6.71	29.84 3.00 -2.03	28.36 2.89 -1.00	27.90 2.56 -2.71	27.89 2.51 -3.31	23.05 2.36 -0.16	21.79 2.00 -1.43
JAMAICA__27_KV_LOAD 355505	22.59 1.42 -2.78	19.73 1.17 -3.32	18.60 1.08 -3.08	17.70 0.93 -3.98	17.03 1.01 -1.76	17.75 1.05 -1.90	19.11 1.17 -2.76	20.19 1.17 -3.82	21.87 1.41 -2.65	22.31 1.40 -2.99	23.22 1.34 -3.51	24.83 1.38 -5.08	25.18 1.43 -5.37	26.00 1.41 -6.46	25.94 1.60 -5.91	23.85 1.81 -2.15	27.10 1.90 -4.95	28.45 2.09 -3.93	27.12 2.31 0.00	26.68 2.20 0.00	24.58 1.95 0.00	23.94 1.88 0.00	22.42 1.89 0.00	21.14 1.38 -1.41
JANIS___SOLAR 323808	19.91 0.77 -0.74	16.70 0.58 -0.89	15.78 0.52 -0.82	14.33 0.47 -1.06	15.24 0.51 -0.47	15.86 0.56 -0.51	16.45 0.53 -0.74	16.72 0.50 -1.02	19.04 0.52 -0.71	19.16 0.43 -0.80	19.82 0.51 -0.93	20.21 0.50 -1.34	20.24 0.44 -1.42	20.25 0.42 -1.71	20.45 0.46 -1.56	21.05 0.60 -0.57	22.19 0.63 -1.31	24.23 0.76 -1.04	25.90 1.09 0.00	25.65 1.17 0.00	23.79 1.15 0.00	23.13 1.06 0.00	21.50 0.97 0.00	19.41 0.68 -0.37
JARVIS____ 23743	18.49 0.09 0.00	15.29 0.06 0.00	14.49 0.06 0.00	12.84 0.05 0.00	14.31 0.06 0.00	14.85 0.06 0.00	15.24 0.06 0.00	15.26 0.06 0.00	17.88 0.07 0.00	18.00 0.07 0.00	18.45 0.07 0.00	18.47 0.09 0.00	18.45 0.07 0.00	18.20 0.07 0.00	18.52 0.09 0.00	19.99 0.10 0.00	20.35 0.10 0.00	22.54 0.11 0.00	24.93 0.12 0.00	24.62 0.15 0.00	22.77 0.14 0.00	22.20 0.13 0.00	20.64 0.10 0.00	18.43 0.07 0.00
JENNISON___1 23625	20.20 0.86 -0.94	17.04 0.69 -1.13	16.10 0.62 -1.05	14.69 0.55 -1.35	15.45 0.60 -0.60	16.10 0.67 -0.65	16.75 0.64 -0.94	17.12 0.62 -1.30	19.41 0.69 -0.90	19.59 0.65 -1.01	20.32 0.77 -1.18	20.89 0.81 -1.70	20.91 0.73 -1.80	20.96 0.67 -2.17	21.17 0.76 -1.98	21.53 0.91 -0.72	22.86 0.95 -1.66	24.85 1.10 -1.32	26.17 1.36 0.00	25.89 1.42 0.00	24.01 1.38 0.00	23.37 1.30 0.00	21.62 1.09 0.00	19.64 0.81 -0.47
JENNISON___2 23626	20.20 0.86 -0.94	17.04 0.69 -1.13	16.10 0.62 -1.05	14.69 0.55 -1.35	15.45 0.60 -0.60	16.10 0.67 -0.65	16.75 0.64 -0.94	17.12 0.62 -1.30	19.41 0.69 -0.90	19.59 0.65 -1.01	20.32 0.77 -1.18	20.89 0.81 -1.70	20.91 0.73 -1.80	20.96 0.67 -2.17	21.17 0.76 -1.98	21.53 0.91 -0.72	22.86 0.95 -1.66	24.85 1.10 -1.32	26.17 1.36 0.00	25.89 1.42 0.00	24.01 1.38 0.00	23.37 1.30 0.00	21.62 1.09 0.00	19.64 0.81 -0.47

JERICO_RISE_WT_PWR 323719	18.32 -0.07 0.00	15.18 -0.05 0.00	14.40 -0.03 0.00	12.77 -0.03 0.00	14.23 -0.03 0.00	14.75 -0.04 0.00	15.19 0.02 0.00	15.25 0.05 0.00	17.83 0.02 0.00	17.89 -0.04 0.00	18.27 -0.11 0.00	18.23 -0.15 0.00	18.21 -0.17 0.00	17.98 -0.15 0.00	18.21 -0.22 0.00	19.65 -0.24 0.00	20.07 -0.18 0.00	22.27 -0.16 0.00	24.48 -0.32 0.00	24.18 -0.29 0.00	22.36 -0.27 0.00	21.80 -0.26 0.00	20.33 -0.21 0.00	18.26 -0.09 0.00
KATONAH__115KV_46KV_TB4 355592	22.46 1.25 -2.81	19.63 1.04 -3.37	18.54 0.98 -3.12	17.65 0.83 -4.03	16.92 0.88 -1.79	17.64 0.92 -1.93	18.95 0.97 -2.79	20.03 0.96 -3.87	21.71 1.21 -2.69	22.21 1.25 -3.03	23.21 1.29 -3.55	24.82 1.30 -5.14	25.12 1.30 -5.44	25.94 1.27 -6.54	25.80 1.38 -5.98	23.62 1.55 -2.17	26.90 1.64 -5.01	28.21 1.79 -3.98	26.74 1.94 0.00	26.41 1.93 0.00	24.35 1.72 0.00	23.77 1.70 0.00	22.12 1.58 0.00	21.00 1.21 -1.43
KCE_NY_1 323755	23.10 1.16 -3.55	20.41 0.93 -4.25	19.25 0.88 -3.94	18.66 0.78 -5.08	17.39 0.88 -2.26	18.13 0.90 -2.43	19.63 0.93 -3.53	21.01 0.93 -4.88	22.36 1.16 -3.39	24.07 1.20 -4.94	25.51 1.23 -5.90	28.70 1.21 -9.11	28.12 1.16 -8.59	30.92 1.14 -11.65	28.05 1.14 -8.48	23.86 1.25 -2.72	27.83 1.32 -6.26	28.89 1.48 -4.98	28.21 1.66 -1.74	26.11 1.64 0.00	24.17 1.54 0.00	23.57 1.50 0.00	22.06 1.52 0.00	21.37 1.23 -1.79
KCE_NY_6_ESR 323823	18.46 -0.40 -0.47	15.26 -0.53 -0.57	14.52 -0.43 -0.52	13.18 -0.29 -0.68	14.25 -0.30 -0.30	14.76 -0.36 -0.32	15.19 -0.45 -0.47	15.38 -0.47 -0.65	17.48 -0.78 -0.45	17.74 -0.70 -0.51	18.25 -0.72 -0.59	18.49 -0.74 -0.85	18.52 -0.75 -0.90	18.38 -0.83 -1.09	18.78 -0.65 -0.99	19.73 -0.52 -0.36	20.64 -0.45 -0.83	22.53 -0.56 -0.66	24.51 -0.30 0.00	24.45 -0.02 0.00	22.70 0.07 0.00	22.09 0.02 0.00	20.52 -0.02 0.00	18.11 -0.48 -0.24
KEDC_PORT_JEFF_GT2 24210	23.06 1.88 -2.79	20.12 1.55 -3.33	18.94 1.42 -3.09	18.07 1.29 -3.98	17.45 1.43 -1.77	18.15 1.45 -1.91	19.42 1.47 -2.77	20.50 1.47 -3.83	22.31 1.84 -2.66	22.73 1.81 -3.00	26.72 1.75 -6.60	27.04 1.76 -6.90	27.38 1.78 -7.22	28.09 1.81 -8.15	28.12 1.99 -7.69	27.71 2.19 -5.63	29.56 2.31 -7.01	31.70 2.56 -6.71	29.67 2.83 -2.03	28.19 2.72 -1.00	27.74 2.40 -2.71	27.74 2.36 -3.31	22.93 2.24 -0.16	21.68 1.89 -1.43
KEDC_PORT_JEFF_GT3 24211	23.06 1.88 -2.79	20.12 1.55 -3.33	18.94 1.42 -3.09	18.07 1.29 -3.98	17.45 1.43 -1.77	18.15 1.45 -1.91	19.42 1.47 -2.77	20.50 1.47 -3.83	22.31 1.84 -2.66	22.73 1.81 -3.00	26.72 1.75 -6.60	27.04 1.76 -6.90	27.38 1.78 -7.22	28.09 1.81 -8.15	28.12 1.99 -7.69	27.71 2.19 -5.63	29.56 2.31 -7.01	31.70 2.56 -6.71	29.67 2.83 -2.03	28.19 2.72 -1.00	27.74 2.40 -2.71	27.74 2.36 -3.31	22.93 2.24 -0.16	21.68 1.89 -1.43
KEDC_GLWD_GT4 24219	22.74 1.56 -2.79	19.84 1.28 -3.34	18.71 1.18 -3.09	17.81 1.04 -3.98	17.15 1.13 -1.77	17.86 1.15 -1.91	19.18 1.23 -2.77	20.26 1.23 -3.83	21.99 1.51 -2.66	22.45 1.52 -3.00	26.50 1.52 -6.60	26.80 1.52 -6.90	27.18 1.58 -7.22	27.82 1.54 -8.16	27.82 1.69 -7.70	27.45 1.93 -5.63	29.24 1.99 -7.01	31.32 2.18 -6.71	29.25 2.41 -2.03	27.80 2.33 -1.00	27.43 2.08 -2.71	27.43 2.05 -3.31	22.52 1.83 -0.16	21.29 1.51 -1.43
KEDC_GLWD_GT5 24220	22.74 1.56 -2.79	19.84 1.28 -3.34	18.71 1.18 -3.09	17.81 1.04 -3.98	17.15 1.13 -1.77	17.86 1.15 -1.91	19.18 1.23 -2.77	20.26 1.23 -3.83	21.99 1.51 -2.66	22.45 1.52 -3.00	26.50 1.52 -6.60	26.80 1.52 -6.90	27.18 1.58 -7.22	27.82 1.54 -8.16	27.82 1.69 -7.70	27.45 1.93 -5.63	29.24 1.99 -7.01	31.32 2.18 -6.71	29.25 2.41 -2.03	27.80 2.33 -1.00	27.43 2.08 -2.71	27.43 2.05 -3.31	22.52 1.83 -0.16	21.29 1.51 -1.43
KENSICO____ 23655	22.38 1.21 -2.77	19.55 1.01 -3.32	18.45 0.94 -3.08	17.57 0.81 -3.97	16.90 0.88 -1.76	17.59 0.90 -1.90	18.90 0.97 -2.75	19.97 0.96 -3.81	21.65 1.19 -2.65	22.11 1.20 -2.98	23.11 1.23 -3.50	24.69 1.25 -5.07	25.02 1.29 -5.36	25.82 1.25 -6.44	25.73 1.40 -5.90	23.64 1.61 -2.14	26.85 1.66 -4.94	28.17 1.82 -3.93	26.82 2.01 0.00	26.41 1.93 0.00	24.35 1.72 0.00	23.77 1.70 0.00	22.12 1.58 0.00	20.94 1.17 -1.41
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	22.19 1.18 -2.62	19.32 0.94 -3.14	18.23 0.88 -2.91	17.26 0.70 -3.76	16.66 0.74 -1.67	17.39 0.80 -1.80	18.64 0.85 -2.61	19.65 0.84 -3.61	21.35 1.03 -2.51	21.81 1.06 -2.82	22.74 1.07 -3.30	24.22 1.07 -4.78	24.49 1.07 -5.05	25.25 1.05 -6.07	25.20 1.22 -5.56	23.32 1.41 -2.02	26.36 1.46 -4.65	27.77 1.64 -3.70	26.69 1.89 0.00	26.28 1.81 0.00	24.33 1.70 0.00	23.74 1.68 0.00	22.08 1.54 0.00	20.78 1.10 -1.33
KIAC_JFK_GT1 23816	22.49 1.32 -2.78	19.65 1.10 -3.32	18.51 1.00 -3.08	17.64 0.87 -3.98	16.96 0.94 -1.76	17.67 0.98 -1.90	19.02 1.08 -2.76	20.11 1.09 -3.82	21.78 1.32 -2.65	22.22 1.31 -2.99	23.13 1.25 -3.51	24.74 1.29 -5.08	25.09 1.34 -5.37	25.91 1.32 -6.46	25.85 1.51 -5.91	23.75 1.71 -2.15	26.98 1.78 -4.95	28.32 1.95 -3.93	26.97 2.16 0.00	26.53 2.06 0.00	24.44 1.81 0.00	23.83 1.77 0.00	22.32 1.79 0.00	21.03 1.27 -1.41
KIAC_JFK_GT2 23817	22.49 1.32 -2.78	19.65 1.10 -3.32	18.51 1.00 -3.08	17.64 0.87 -3.98	16.96 0.94 -1.76	17.67 0.98 -1.90	19.02 1.08 -2.76	20.11 1.09 -3.82	21.78 1.32 -2.65	22.22 1.31 -2.99	23.13 1.25 -3.51	24.74 1.29 -5.08	25.09 1.34 -5.37	25.91 1.32 -6.46	25.85 1.51 -5.91	23.75 1.71 -2.15	26.98 1.78 -4.95	28.32 1.95 -3.93	26.97 2.16 0.00	26.53 2.06 0.00	24.44 1.81 0.00	23.83 1.77 0.00	22.32 1.79 0.00	21.03 1.27 -1.41
KIAC_JFK____ 323774	22.49 1.33 -2.78	19.65 1.10 -3.32	18.51 1.00 -3.08	17.64 0.87 -3.98	16.96 0.94 -1.76	17.67 0.98 -1.90	19.02 1.08 -2.76	20.11 1.10 -3.82	21.78 1.32 -2.65	22.22 1.31 -2.99	23.13 1.25 -3.51	24.74 1.29 -5.08	25.09 1.34 -5.37	25.91 1.32 -6.46	25.85 1.51 -5.91	23.75 1.71 -2.15	26.98 1.78 -4.95	28.32 1.95 -3.93	26.97 2.16 0.00	26.53 2.06 0.00	24.44 1.81 0.00	23.83 1.77 0.00	22.18 1.64 0.00	21.03 1.27 -1.41
KINTIGH____ 23543	18.32 -0.46 -0.39	15.23 -0.47 -0.47	14.49 -0.38 -0.43	13.10 -0.26 -0.56	14.23 -0.27 -0.25	14.75 -0.31 -0.27	15.16 -0.41 -0.39	15.31 -0.43 -0.54	17.51 -0.68 -0.37	17.74 -0.61 -0.42	18.26 -0.61 -0.49	18.53 -0.55 -0.71	18.52 -0.61 -0.75	18.35 -0.67 -0.90	18.74 -0.52 -0.82	19.75 -0.44 -0.30	20.51 -0.43 -0.69	22.46 -0.52 -0.55	24.24 -0.57 0.00	24.08 -0.39 0.00	22.34 -0.29 0.00	21.78 -0.29 0.00	20.08 -0.45 0.00	18.11 -0.44 -0.20
KNTFSRNC_46_KV_46KV_LOAD 80397	18.54 0.15 0.00	15.32 0.09 0.00	14.55 0.12 0.00	12.90 0.10 0.00	14.35 0.10 0.00	14.88 0.09 0.00	15.36 0.18 0.00	15.41 0.21 0.00	18.03 0.21 0.00	18.09 0.16 0.00	18.47 0.09 0.00	18.39 0.02 0.00	18.37 0.00 0.00	18.16 0.04 0.00	18.39 -0.04 0.00	19.87 -0.02 0.00	20.31 0.06 0.00	22.59 0.16 0.00	24.78 -0.02 0.00	24.47 0.00 0.00	22.63 0.00 0.00	22.07 0.00 0.00	20.58 0.04 0.00	18.46 0.11 0.00

LACHUTE___HYDRO 323717	24.15 2.21 -3.56	21.24 1.75 -4.26	20.03 1.64 -3.95	19.26 1.37 -5.09	18.11 1.60 -2.26	18.90 1.67 -2.44	20.41 1.70 -3.53	21.81 1.72 -4.89	23.37 2.15 -3.40	25.02 2.28 -4.82	26.46 2.35 -5.74	29.48 2.30 -8.81	28.78 2.02 -8.39	31.36 1.98 -11.26	28.70 1.90 -8.37	24.60 1.99 -2.72	28.69 2.17 -6.27	29.95 2.53 -4.99	29.17 2.83 -1.54	27.38 2.91 0.00	25.53 2.90 0.00	24.82 2.76 0.00	23.43 2.90 0.00	22.57 2.42 -1.79
LAWRNCAV_115KV_TB1 80681	17.93 -0.46 0.00	14.85 -0.38 0.00	14.07 -0.36 0.00	12.44 -0.36 0.00	13.84 -0.41 0.00	14.42 -0.37 0.00	14.85 -0.33 0.00	14.88 -0.32 0.00	17.42 -0.39 0.00	17.50 -0.43 0.00	17.90 -0.48 0.00	17.86 -0.51 0.00	17.84 -0.53 0.00	17.64 -0.49 0.00	17.82 -0.61 0.00	19.23 -0.66 0.00	19.62 -0.63 0.00	21.78 -0.65 0.00	23.99 -0.82 0.00	23.69 -0.78 0.00	21.93 -0.70 0.00	21.36 -0.71 0.00	19.90 -0.64 0.00	17.90 -0.46 0.00
LEDERLE___ 23769	22.28 1.21 -2.67	19.42 0.99 -3.20	18.33 0.92 -2.97	17.40 0.78 -3.83	16.79 0.84 -1.70	17.51 0.89 -1.83	18.78 0.94 -2.66	19.82 0.94 -3.68	21.54 1.18 -2.56	21.99 1.18 -2.88	22.96 1.21 -3.38	24.49 1.23 -4.89	24.81 1.27 -5.17	25.57 1.23 -6.21	25.52 1.40 -5.69	23.57 1.61 -2.07	26.67 1.66 -4.76	28.03 1.82 -3.79	26.82 2.01 0.00	26.41 1.93 0.00	24.38 1.74 0.00	23.79 1.72 0.00	22.12 1.58 0.00	20.87 1.16 -1.36
LIGHTHSE_115KV_TB6 355974	18.53 -0.07 -0.21	15.40 -0.08 -0.25	14.58 -0.09 -0.23	13.02 -0.06 -0.30	14.31 -0.07 -0.13	14.87 -0.06 -0.14	15.29 -0.09 -0.20	15.38 -0.11 -0.28	17.87 -0.14 -0.20	17.99 -0.16 -0.22	18.54 -0.09 -0.26	18.67 -0.07 -0.37	18.64 -0.13 -0.39	18.44 -0.16 -0.47	18.72 -0.15 -0.43	19.85 -0.20 -0.16	20.35 -0.26 -0.36	22.47 -0.25 -0.29	24.61 -0.20 0.00	24.33 -0.15 0.00	22.52 -0.11 0.00	22.02 -0.04 0.00	20.47 -0.06 0.00	18.38 -0.07 -0.10
LINDEN COGEN___ 23786	22.42 1.25 -2.78	19.59 1.04 -3.32	18.47 0.95 -3.08	17.58 0.81 -3.98	16.90 0.88 -1.76	17.63 0.93 -1.90	18.94 1.00 -2.76	20.02 1.00 -3.82	21.69 1.23 -2.65	22.15 1.24 -2.99	23.13 1.25 -3.51	24.72 1.27 -5.08	25.07 1.32 -5.37	25.87 1.29 -6.46	25.81 1.48 -5.91	23.71 1.67 -2.15	26.96 1.76 -4.95	28.27 1.91 -3.93	26.92 2.11 0.00	26.48 2.01 0.00	24.40 1.77 0.00	23.79 1.72 0.00	22.06 1.52 0.00	20.94 1.18 -1.41
LINDHRST_69_KV_BK1 356055	23.10 1.93 -2.78	20.14 1.58 -3.33	18.99 1.47 -3.08	18.06 1.29 -3.98	17.44 1.43 -1.77	18.16 1.46 -1.90	19.46 1.52 -2.76	20.54 1.52 -3.82	22.34 1.87 -2.65	22.78 1.86 -2.99	26.78 1.80 -6.60	27.09 1.82 -6.90	27.43 1.84 -7.22	28.09 1.81 -8.16	28.12 1.99 -7.70	27.77 2.25 -5.63	29.59 2.33 -7.01	31.70 2.56 -6.71	29.67 2.83 -2.03	28.24 2.77 -1.00	27.84 2.49 -2.71	27.80 2.43 -3.31	23.06 2.36 -0.16	21.70 1.91 -1.43
LIPA_MISC_IPP 23656	22.92 1.75 -2.78	19.99 1.43 -3.33	18.84 1.33 -3.08	17.95 1.18 -3.98	17.34 1.33 -1.77	18.10 1.41 -1.90	19.34 1.40 -2.76	20.40 1.38 -3.82	22.23 1.76 -2.65	22.60 1.69 -2.99	26.61 1.64 -6.60	26.91 1.64 -6.90	27.25 1.65 -7.22	28.00 1.72 -8.16	28.01 1.88 -7.70	27.57 2.05 -5.63	29.44 2.19 -7.01	31.59 2.44 -6.71	29.54 2.70 -2.03	28.04 2.57 -1.00	27.61 2.26 -2.71	27.58 2.21 -3.31	22.93 2.24 -0.16	21.60 1.82 -1.43
LISF___SOLAR 323691	22.96 1.78 -2.79	20.06 1.49 -3.33	18.88 1.36 -3.09	17.99 1.22 -3.98	17.37 1.34 -1.77	18.12 1.42 -1.91	19.36 1.41 -2.77	20.43 1.40 -3.83	22.26 1.78 -2.66	22.64 1.72 -3.00	26.63 1.65 -6.60	26.93 1.65 -6.90	27.27 1.67 -7.22	28.02 1.74 -8.15	28.04 1.92 -7.69	27.61 2.09 -5.63	29.48 2.23 -7.01	31.61 2.47 -6.71	29.59 2.75 -2.03	28.06 2.59 -1.00	27.63 2.29 -2.71	27.63 2.25 -3.31	22.87 2.18 -0.16	21.64 1.85 -1.43
LITTLE FALLS___HYD 24013	18.56 0.17 0.00	15.35 0.12 0.00	14.55 0.12 0.00	12.83 0.04 0.00	14.28 0.03 0.00	14.93 0.13 0.00	15.29 0.11 0.00	15.25 0.05 0.00	17.87 0.05 0.00	17.96 0.04 0.00	18.45 0.07 0.00	18.45 0.07 0.00	18.41 0.04 0.00	18.14 0.02 0.00	18.43 0.00 0.00	19.89 0.00 0.00	20.25 0.00 0.00	22.43 0.00 0.00	24.83 0.02 0.00	24.52 0.05 0.00	22.70 0.07 0.00	22.20 0.13 0.00	20.66 0.12 0.00	18.46 0.11 0.00
LITTLRIV_115KV_TB1 356100	18.04 -0.35 0.00	14.96 -0.27 0.00	14.16 -0.27 0.00	12.50 -0.29 0.00	13.91 -0.34 0.00	14.53 -0.27 0.00	14.94 -0.24 0.00	14.99 -0.21 0.00	17.53 -0.29 0.00	17.60 -0.32 0.00	18.03 -0.35 0.00	17.99 -0.39 0.00	17.95 -0.42 0.00	17.75 -0.38 0.00	17.91 -0.52 0.00	19.33 -0.56 0.00	19.72 -0.53 0.00	21.91 -0.52 0.00	24.14 -0.67 0.00	23.86 -0.61 0.00	22.11 -0.52 0.00	21.51 -0.55 0.00	20.04 -0.49 0.00	18.02 -0.33 0.00
LI_NEWBRDGE___DRP 323616	22.73 1.56 -2.78	19.85 1.29 -3.33	18.71 1.20 -3.08	17.82 1.05 -3.98	17.17 1.15 -1.77	17.88 1.18 -1.90	19.18 1.24 -2.76	20.27 1.25 -3.82	22.00 1.53 -2.65	22.44 1.52 -2.99	26.41 1.43 -6.60	26.72 1.45 -6.90	27.08 1.49 -7.22	27.71 1.43 -8.16	27.73 1.60 -7.70	27.33 1.81 -5.63	29.14 1.88 -7.01	31.21 2.06 -6.71	29.10 2.26 -2.03	27.67 2.20 -1.00	27.31 1.97 -2.71	27.32 1.94 -3.31	22.58 1.89 -0.16	21.31 1.52 -1.43
LOCKPORT_115KV_TB60_63_64 80432	18.19 -0.63 -0.42	15.11 -0.62 -0.51	14.40 -0.51 -0.47	13.04 -0.36 -0.61	14.15 -0.37 -0.27	14.65 -0.43 -0.29	15.06 -0.55 -0.42	15.22 -0.56 -0.58	17.29 -0.93 -0.41	17.56 -0.82 -0.46	18.06 -0.85 -0.53	18.35 -0.79 -0.77	18.32 -0.86 -0.81	18.18 -0.92 -0.98	18.57 -0.76 -0.89	19.56 -0.66 -0.32	20.39 -0.61 -0.75	22.28 -0.74 -0.59	24.16 -0.65 0.00	24.08 -0.39 0.00	22.34 -0.29 0.00	21.78 -0.29 0.00	20.06 -0.47 0.00	17.98 -0.59 -0.21
LOCKPORT___CC1 323769	18.32 -0.50 -0.43	15.12 -0.63 -0.51	14.40 -0.51 -0.47	13.05 -0.36 -0.61	14.15 -0.37 -0.27	14.67 -0.41 -0.29	15.06 -0.55 -0.43	15.23 -0.56 -0.59	17.31 -0.91 -0.41	17.56 -0.82 -0.46	18.08 -0.83 -0.53	18.30 -0.84 -0.77	18.35 -0.84 -0.82	18.19 -0.92 -0.98	18.59 -0.74 -0.90	19.56 -0.66 -0.33	20.40 -0.61 -0.75	22.29 -0.74 -0.60	24.16 -0.65 0.00	24.08 -0.39 0.00	22.39 -0.25 0.00	21.78 -0.29 0.00	20.27 -0.27 0.00	17.98 -0.59 -0.21
LOCKPORT___CC2 323770	18.32 -0.50 -0.43	15.12 -0.63 -0.51	14.40 -0.51 -0.47	13.05 -0.36 -0.61	14.15 -0.37 -0.27	14.67 -0.41 -0.29	15.06 -0.55 -0.43	15.23 -0.56 -0.59	17.31 -0.91 -0.41	17.56 -0.82 -0.46	18.08 -0.83 -0.53	18.30 -0.84 -0.77	18.35 -0.84 -0.82	18.19 -0.92 -0.98	18.59 -0.74 -0.90	19.56 -0.66 -0.33	20.40 -0.61 -0.75	22.29 -0.74 -0.60	24.16 -0.65 0.00	24.08 -0.39 0.00	22.39 -0.25 0.00	21.78 -0.29 0.00	20.27 -0.27 0.00	17.98 -0.59 -0.21
LOCKPORT___CC3 323771	18.32 -0.50 -0.43	15.12 -0.63 -0.51	14.40 -0.51 -0.47	13.05 -0.36 -0.61	14.15 -0.37 -0.27	14.67 -0.41 -0.29	15.06 -0.55 -0.43	15.23 -0.56 -0.59	17.31 -0.91 -0.41	17.56 -0.82 -0.46	18.08 -0.83 -0.53	18.30 -0.84 -0.77	18.35 -0.84 -0.82	18.19 -0.92 -0.98	18.59 -0.74 -0.90	19.56 -0.66 -0.33	20.40 -0.61 -0.75	22.29 -0.74 -0.60	24.16 -0.65 0.00	24.08 -0.39 0.00	22.39 -0.25 0.00	21.78 -0.29 0.00	20.27 -0.27 0.00	17.98 -0.59 -0.21

LONG_LAKE_PHOENIX 24014	18.37 -0.26 -0.23	15.28 -0.23 -0.28	14.47 -0.22 -0.26	12.94 -0.18 -0.33	14.20 -0.20 -0.15	14.74 -0.21 -0.16	15.18 -0.23 -0.23	15.29 -0.23 -0.32	17.75 -0.29 -0.22	17.89 -0.29 -0.25	18.42 -0.24 -0.29	18.55 -0.24 -0.42	18.58 -0.24 -0.44	18.40 -0.25 -0.53	18.68 -0.24 -0.48	19.79 -0.28 -0.18	20.35 -0.30 -0.41	22.39 -0.36 -0.32	24.46 -0.35 0.00	24.11 -0.37 0.00	22.29 -0.34 0.00	21.76 -0.31 0.00	20.25 -0.29 0.00	18.20 -0.28 -0.12
LOVETT___3 23632	22.18 1.10 -2.69	19.36 0.91 -3.22	18.27 0.85 -2.98	17.37 0.73 -3.85	16.74 0.78 -1.71	17.45 0.81 -1.84	18.71 0.87 -2.67	19.76 0.87 -3.69	21.47 1.09 -2.57	21.91 1.09 -2.89	22.89 1.12 -3.39	24.42 1.14 -4.91	24.74 1.18 -5.19	25.49 1.12 -6.24	25.43 1.29 -5.71	23.46 1.49 -2.08	26.57 1.54 -4.78	27.92 1.68 -3.80	26.67 1.86 0.00	26.26 1.79 0.00	24.24 1.61 0.00	23.63 1.57 0.00	21.99 1.46 0.00	20.78 1.06 -1.36
LOVETT___4 23642	22.18 1.10 -2.69	19.36 0.91 -3.22	18.27 0.85 -2.98	17.37 0.73 -3.85	16.74 0.78 -1.71	17.45 0.81 -1.84	18.71 0.87 -2.67	19.76 0.87 -3.69	21.47 1.09 -2.57	21.91 1.09 -2.89	22.89 1.12 -3.39	24.42 1.14 -4.91	24.74 1.18 -5.19	25.49 1.12 -6.24	25.43 1.29 -5.71	23.46 1.49 -2.08	26.57 1.54 -4.78	27.92 1.68 -3.80	26.67 1.86 0.00	26.26 1.79 0.00	24.24 1.61 0.00	23.63 1.57 0.00	21.99 1.46 0.00	20.78 1.06 -1.36
LOVETT___5 23593	22.18 1.10 -2.69	19.36 0.91 -3.22	18.27 0.85 -2.98	17.37 0.73 -3.85	16.74 0.78 -1.71	17.45 0.81 -1.84	18.71 0.87 -2.67	19.76 0.87 -3.69	21.47 1.09 -2.57	21.91 1.09 -2.89	22.89 1.12 -3.39	24.42 1.14 -4.91	24.74 1.18 -5.19	25.49 1.12 -6.24	25.43 1.29 -5.71	23.46 1.49 -2.08	26.57 1.54 -4.78	27.92 1.68 -3.80	26.67 1.86 0.00	26.26 1.79 0.00	24.24 1.61 0.00	23.63 1.57 0.00	21.99 1.46 0.00	20.78 1.06 -1.36
LOWER RAQUET___HYD 24057	17.84 -0.55 0.00	14.80 -0.43 0.00	14.03 -0.40 0.00	12.40 -0.40 0.00	13.80 -0.46 0.00	14.38 -0.41 0.00	14.80 -0.38 0.00	14.84 -0.36 0.00	17.37 -0.44 0.00	17.44 -0.48 0.00	17.86 -0.51 0.00	17.84 -0.53 0.00	17.79 -0.59 0.00	17.58 -0.54 0.00	17.77 -0.66 0.00	19.17 -0.72 0.00	19.56 -0.69 0.00	21.71 -0.72 0.00	23.92 -0.89 0.00	23.64 -0.83 0.00	21.89 -0.75 0.00	21.32 -0.75 0.00	19.84 -0.70 0.00	17.84 -0.51 0.00
LOWER___HUDSON 24059	22.80 0.92 -3.48	20.13 0.73 -4.17	19.01 0.71 -3.87	18.41 0.63 -4.99	17.18 0.71 -2.22	17.90 0.72 -2.39	19.40 0.76 -3.46	20.77 0.77 -4.79	22.12 0.98 -3.33	25.30 1.00 -6.37	27.15 1.01 -7.77	31.94 0.99 -12.57	30.20 0.97 -10.86	35.23 0.96 -16.14	29.13 1.01 -9.69	23.66 1.09 -2.67	27.53 1.11 -6.16	28.59 1.26 -4.90	30.27 1.41 -4.05	25.79 1.32 0.00	23.85 1.22 0.00	23.26 1.19 0.00	21.69 1.15 0.00	21.01 0.90 -1.76
LOWVILLE_115KV_TB2 356335	18.72 0.22 -0.11	15.54 0.18 -0.13	14.68 0.13 -0.12	13.06 0.12 -0.15	14.43 0.11 -0.07	15.04 0.18 -0.07	15.44 0.15 -0.10	15.48 0.14 -0.14	18.06 0.14 -0.10	18.11 0.07 -0.11	18.63 0.13 -0.13	18.73 0.17 -0.19	18.65 0.07 -0.20	18.44 0.07 -0.24	18.69 0.04 -0.22	20.01 0.04 -0.08	20.48 0.04 -0.19	22.69 0.11 -0.15	25.03 0.22 0.00	24.82 0.34 0.00	23.00 0.36 0.00	22.40 0.33 0.00	20.80 0.27 0.00	18.61 0.20 -0.05
LUTHERFT_115KV_GLOB_FND_222 355753	23.08 1.14 -3.55	20.39 0.91 -4.25	19.24 0.87 -3.94	18.64 0.77 -5.08	17.39 0.88 -2.26	18.11 0.89 -2.43	19.63 0.91 -3.53	21.00 0.91 -4.89	22.37 1.16 -3.40	24.06 1.18 -4.95	25.49 1.21 -5.90	28.68 1.19 -9.11	28.12 1.16 -8.59	30.90 1.12 -11.65	28.05 1.14 -8.48	23.84 1.23 -2.72	27.83 1.32 -6.26	28.89 1.48 -4.98	28.21 1.66 -1.74	26.11 1.64 0.00	24.17 1.54 0.00	23.54 1.48 0.00	21.87 1.33 0.00	21.37 1.23 -1.78
LUTHERNY_35_KV_BK2 355980	23.10 1.16 -3.55	20.41 0.93 -4.25	19.25 0.88 -3.94	18.66 0.78 -5.08	17.39 0.88 -2.26	18.13 0.90 -2.43	19.64 0.93 -3.53	21.02 0.93 -4.89	22.37 1.16 -3.40	24.08 1.20 -4.95	25.51 1.23 -5.90	28.70 1.21 -9.11	28.12 1.16 -8.59	30.92 1.14 -11.65	28.05 1.14 -8.48	23.86 1.25 -2.72	27.83 1.32 -6.26	28.89 1.48 -4.98	28.21 1.66 -1.74	26.11 1.64 0.00	24.17 1.54 0.00	23.57 1.50 0.00	21.89 1.36 0.00	21.37 1.23 -1.78
LWR___OSWEGATCHIE_HYD 23850	18.25 -0.22 -0.08	15.14 -0.18 -0.09	14.32 -0.20 -0.09	12.73 -0.18 -0.11	14.09 -0.21 -0.05	14.67 -0.18 -0.05	15.07 -0.18 -0.08	15.14 -0.17 -0.11	17.66 -0.23 -0.07	17.72 -0.29 -0.08	18.21 -0.26 -0.10	18.24 -0.28 -0.14	18.19 -0.33 -0.15	17.98 -0.33 -0.18	18.19 -0.41 -0.16	19.51 -0.44 -0.06	19.96 -0.43 -0.14	22.14 -0.40 -0.11	24.36 -0.45 0.00	24.13 -0.34 0.00	22.36 -0.27 0.00	21.78 -0.29 0.00	20.25 -0.29 0.00	18.17 -0.22 -0.04
LYONS_FALL_HYD 23570	18.77 0.28 -0.10	15.56 0.21 -0.12	14.72 0.17 -0.11	13.08 0.14 -0.14	14.46 0.14 -0.06	15.07 0.21 -0.07	15.48 0.20 -0.10	15.52 0.18 -0.14	18.11 0.20 -0.10	18.20 0.16 -0.11	18.72 0.22 -0.13	18.81 0.26 -0.18	18.75 0.18 -0.19	18.54 0.18 -0.23	18.81 0.17 -0.21	20.15 0.18 -0.08	20.61 0.18 -0.18	22.82 0.25 -0.14	25.16 0.35 0.00	24.89 0.42 0.00	23.06 0.43 0.00	22.46 0.40 0.00	20.86 0.33 0.00	18.66 0.26 -0.05
MADISON___COUNTY_LFGE 323628	18.99 0.42 -0.17	15.77 0.34 -0.20	14.92 0.30 -0.19	13.28 0.24 -0.24	14.62 0.26 -0.11	15.23 0.33 -0.12	15.65 0.30 -0.17	15.72 0.29 -0.23	18.31 0.34 -0.16	18.41 0.30 -0.18	18.97 0.39 -0.21	19.10 0.42 -0.31	19.08 0.39 -0.32	18.88 0.36 -0.39	19.17 0.39 -0.36	20.46 0.44 -0.13	20.99 0.45 -0.30	23.16 0.49 -0.24	25.43 0.62 0.00	25.11 0.64 0.00	23.24 0.61 0.00	22.64 0.57 0.00	21.03 0.49 0.00	18.83 0.39 -0.09
MALONE___115KV_TB1 356076	18.36 -0.04 0.00	15.18 -0.05 0.00	14.40 -0.03 0.00	12.74 -0.05 0.00	14.20 -0.06 0.00	14.75 -0.04 0.00	15.23 0.05 0.00	15.28 0.08 0.00	17.88 0.07 0.00	17.94 0.02 0.00	18.34 -0.04 0.00	18.26 -0.11 0.00	18.25 -0.13 0.00	18.04 -0.09 0.00	18.25 -0.18 0.00	19.71 -0.18 0.00	20.15 -0.10 0.00	22.36 -0.07 0.00	24.56 -0.25 0.00	24.25 -0.22 0.00	22.45 -0.18 0.00	21.87 -0.20 0.00	20.37 -0.16 0.00	18.30 -0.06 0.00
MAPLEWOD_115KV_TB3 80458	22.67 0.81 -3.47	20.03 0.65 -4.15	18.92 0.64 -3.85	18.36 0.60 -4.96	17.15 0.70 -2.20	17.88 0.71 -2.37	19.32 0.70 -3.44	20.66 0.70 -4.76	21.94 0.82 -3.31	21.09 0.84 -2.32	21.72 0.85 -2.50	22.13 0.85 -2.91	23.59 0.83 -4.39	22.56 0.82 -3.62	25.33 0.87 -6.03	23.47 0.93 -2.64	27.30 0.95 -6.10	28.33 1.05 -4.85	23.81 1.17 2.17	25.65 1.17 0.00	23.72 1.09 0.00	23.13 1.06 0.00	21.54 1.01 0.00	20.88 0.79 -1.74
MAPLE RIDGE_WT_1 323574	18.08 -0.31 0.00	14.99 -0.24 0.00	14.19 -0.25 0.00	12.56 -0.23 0.00	13.98 -0.27 0.00	14.51 -0.28 0.00	14.91 -0.27 0.00	14.94 -0.26 0.00	17.51 -0.30 0.00	17.59 -0.34 0.00	17.97 -0.40 0.00	17.95 -0.42 0.00	17.90 -0.48 0.00	17.65 -0.47 0.00	17.88 -0.55 0.00	19.29 -0.60 0.00	19.68 -0.57 0.00	21.83 -0.60 0.00	24.16 -0.65 0.00	23.89 -0.59 0.00	22.07 -0.56 0.00	21.52 -0.55 0.00	20.04 -0.49 0.00	17.99 -0.37 0.00

MAPLE_RIDGE_WT_2 323611	18.08 -0.31 0.00	14.99 -0.24 0.00	14.19 -0.25 0.00	12.56 -0.23 0.00	13.98 -0.27 0.00	14.51 -0.28 0.00	14.91 -0.27 0.00	14.94 -0.26 0.00	17.51 -0.30 0.00	17.59 -0.34 0.00	17.97 -0.40 0.00	17.95 -0.42 0.00	17.90 -0.48 0.00	17.65 -0.47 0.00	17.88 -0.55 0.00	19.29 -0.60 0.00	19.68 -0.57 0.00	21.83 -0.60 0.00	24.16 -0.65 0.00	23.89 -0.59 0.00	22.07 -0.56 0.00	21.52 -0.55 0.00	20.04 -0.49 0.00	17.99 -0.37 0.00
MARBLE_RIVER_WT_PWR 323696	18.36 -0.04 0.00	15.21 -0.02 0.00	14.43 0.00 0.00	12.81 0.01 0.00	14.25 0.00 0.00	14.78 -0.01 0.00	15.24 0.06 0.00	15.28 0.08 0.00	17.87 0.05 0.00	17.93 0.00 0.00	18.32 -0.05 0.00	18.27 -0.11 0.00	18.25 -0.13 0.00	18.02 -0.11 0.00	18.25 -0.18 0.00	19.69 -0.20 0.00	20.11 -0.14 0.00	22.34 -0.09 0.00	24.56 -0.25 0.00	24.23 -0.24 0.00	22.43 -0.20 0.00	21.87 -0.20 0.00	20.37 -0.17 0.00	18.30 -0.05 0.00
MARSHVLE_115KV_TB1 80742	24.04 1.40 -4.25	21.43 1.11 -5.09	20.16 1.01 -4.71	19.82 0.95 -6.08	18.04 1.08 -2.70	18.75 1.05 -2.91	20.48 1.08 -4.22	22.02 0.97 -5.84	23.07 1.19 -4.06	23.66 1.17 -4.57	24.93 1.25 -5.30	27.34 1.29 -7.67	27.69 1.19 -8.12	29.04 1.16 -9.76	28.59 1.23 -8.93	24.51 1.37 -3.24	29.21 1.48 -7.48	30.08 1.70 -5.95	26.69 1.89 0.00	26.43 1.96 0.00	24.51 1.88 0.00	23.99 1.92 0.00	22.18 1.64 0.00	21.83 1.34 -2.13
MARSH_HILL_WT_PWR 323713	19.04 0.07 -0.58	15.83 -0.09 -0.69	15.02 -0.06 -0.64	13.61 -0.01 -0.83	14.64 0.01 -0.37	15.17 -0.01 -0.40	15.68 -0.08 -0.57	15.92 -0.08 -0.79	18.12 -0.25 -0.55	18.32 -0.23 -0.62	18.86 -0.24 -0.72	19.11 -0.31 -1.04	19.13 -0.35 -1.11	18.98 -0.47 -1.33	19.35 -0.30 -1.22	20.17 -0.16 -0.44	21.15 -0.12 -1.02	23.15 -0.09 -0.81	25.08 0.27 0.00	24.96 0.49 0.00	23.18 0.54 0.00	22.55 0.48 0.00	20.95 0.41 0.00	18.59 -0.05 -0.29
MCINTYRE_115KV_TB2 80467	18.14 -0.26 0.00	15.03 -0.20 0.00	14.23 -0.20 0.00	12.58 -0.22 0.00	14.00 -0.26 0.00	14.59 -0.21 0.00	15.01 -0.17 0.00	15.05 -0.15 0.00	17.60 -0.21 0.00	17.68 -0.25 0.00	18.10 -0.28 0.00	18.06 -0.31 0.00	18.01 -0.37 0.00	17.80 -0.33 0.00	17.97 -0.46 0.00	19.39 -0.50 0.00	19.78 -0.47 0.00	21.98 -0.45 0.00	24.24 -0.57 0.00	23.98 -0.49 0.00	22.23 -0.41 0.00	21.63 -0.44 0.00	20.12 -0.41 0.00	18.10 -0.26 0.00
MECO____69_KV_BK1 80468	24.50 2.08 -4.03	21.69 1.63 -4.83	20.42 1.52 -4.48	19.73 1.16 -5.77	18.16 1.34 -2.56	19.14 1.58 -2.76	20.80 1.61 -4.01	22.27 1.52 -5.55	23.45 1.78 -3.86	24.01 1.74 -4.34	25.25 1.84 -5.03	27.52 1.86 -7.29	27.77 1.69 -7.71	29.04 1.65 -9.27	28.68 1.77 -8.48	24.90 1.93 -3.08	29.46 2.11 -7.10	30.59 2.51 -5.65	27.54 2.73 0.00	27.41 2.94 0.00	25.49 2.85 0.00	24.85 2.78 0.00	22.92 2.38 0.00	22.36 1.98 -2.02
MENANDS__115KV_TB5 355628	22.57 0.72 -3.46	19.93 0.56 -4.14	18.83 0.56 -3.84	18.31 0.56 -4.95	17.09 0.64 -2.20	17.81 0.65 -2.37	19.25 0.64 -3.43	20.59 0.64 -4.75	21.84 0.73 -3.30	20.93 0.74 -2.27	21.55 0.73 -2.44	21.91 0.73 -2.80	23.39 0.72 -4.30	22.30 0.71 -3.47	25.18 0.77 -5.97	23.36 0.84 -2.64	27.16 0.83 -6.08	28.19 0.92 -4.84	23.59 1.02 2.23	25.50 1.03 0.00	23.58 0.95 0.00	22.99 0.93 0.00	21.44 0.90 0.00	20.79 0.70 -1.74
MG INDUSTRY__DRP 24185	22.51 0.74 -3.38	19.86 0.58 -4.05	18.78 0.59 -3.75	18.20 0.56 -4.84	17.04 0.64 -2.15	17.77 0.67 -2.32	19.19 0.65 -3.36	20.50 0.65 -4.65	21.77 0.73 -3.23	21.52 0.75 -2.84	22.33 0.77 -3.18	23.35 0.77 -4.20	24.30 0.73 -5.19	24.14 0.73 -5.29	25.61 0.79 -6.39	23.33 0.86 -2.58	27.05 0.85 -5.95	28.12 0.96 -4.73	24.64 1.07 1.23	25.55 1.08 0.00	23.63 1.00 0.00	23.04 0.97 0.00	21.48 0.94 0.00	20.79 0.73 -1.70
MID__OSWEGATCHIE_HYD 23849	18.25 -0.22 -0.08	15.14 -0.18 -0.09	14.32 -0.20 -0.09	12.73 -0.18 -0.11	14.09 -0.21 -0.05	14.67 -0.18 -0.05	15.07 -0.18 -0.08	15.14 -0.17 -0.11	17.66 -0.23 -0.07	17.72 -0.29 -0.08	18.21 -0.26 -0.10	18.24 -0.28 -0.14	18.19 -0.33 -0.15	17.98 -0.33 -0.18	18.19 -0.41 -0.16	19.51 -0.44 -0.06	19.96 -0.43 -0.14	22.14 -0.40 -0.11	24.36 -0.45 0.00	24.13 -0.34 0.00	22.36 -0.27 0.00	21.78 -0.29 0.00	20.25 -0.29 0.00	18.17 -0.22 -0.04
MID__RAQUETTE_HYD 23851	17.88 -0.51 0.00	14.80 -0.43 0.00	14.03 -0.40 0.00	12.40 -0.40 0.00	13.80 -0.46 0.00	14.38 -0.41 0.00	14.80 -0.38 0.00	14.84 -0.36 0.00	17.37 -0.45 0.00	17.44 -0.48 0.00	17.86 -0.51 0.00	17.82 -0.55 0.00	17.79 -0.59 0.00	17.58 -0.54 0.00	17.77 -0.66 0.00	19.17 -0.72 0.00	19.56 -0.69 0.00	21.71 -0.72 0.00	23.92 -0.89 0.00	23.64 -0.83 0.00	21.89 -0.75 0.00	21.32 -0.75 0.00	19.86 -0.68 0.00	17.84 -0.51 0.00
MILLIKEN__1 23584	19.30 0.35 -0.56	16.16 0.26 -0.67	15.30 0.25 -0.62	13.82 0.22 -0.80	14.85 0.24 -0.36	15.44 0.27 -0.38	16.00 0.26 -0.56	16.22 0.24 -0.77	18.60 0.25 -0.54	18.76 0.23 -0.60	19.39 0.31 -0.70	19.72 0.33 -1.02	19.76 0.31 -1.07	19.69 0.27 -1.29	19.94 0.33 -1.18	20.74 0.42 -0.43	21.62 0.38 -0.99	23.69 0.47 -0.79	25.45 0.65 0.00	25.11 0.64 0.00	23.22 0.59 0.00	22.62 0.55 0.00	21.03 0.49 0.00	18.97 0.33 -0.28
MILLIKEN__2 23585	19.30 0.35 -0.56	16.16 0.26 -0.67	15.30 0.25 -0.62	13.82 0.22 -0.80	14.85 0.24 -0.36	15.44 0.27 -0.38	16.00 0.26 -0.56	16.22 0.24 -0.77	18.60 0.25 -0.54	18.76 0.23 -0.60	19.39 0.31 -0.70	19.72 0.33 -1.02	19.76 0.31 -1.07	19.69 0.27 -1.29	19.94 0.33 -1.18	20.74 0.42 -0.43	21.62 0.38 -0.99	23.69 0.47 -0.79	25.45 0.65 0.00	25.11 0.64 0.00	23.22 0.59 0.00	22.62 0.55 0.00	21.03 0.49 0.00	18.97 0.33 -0.28
MILLIKEN__DIESEL 23629	19.30 0.35 -0.56	16.16 0.26 -0.67	15.30 0.25 -0.62	13.82 0.22 -0.80	14.85 0.24 -0.36	15.44 0.27 -0.38	16.00 0.26 -0.56	16.22 0.24 -0.77	18.60 0.25 -0.54	18.76 0.23 -0.60	19.39 0.31 -0.70	19.72 0.33 -1.02	19.76 0.31 -1.07	19.69 0.27 -1.29	19.94 0.33 -1.18	20.74 0.42 -0.43	21.62 0.38 -0.99	23.69 0.47 -0.79	25.45 0.65 0.00	25.11 0.64 0.00	23.22 0.59 0.00	22.62 0.55 0.00	21.03 0.49 0.00	18.97 0.33 -0.28
MILLSEAT__LFGE 323607	18.56 -0.24 -0.41	15.33 -0.40 -0.49	14.59 -0.30 -0.46	13.19 -0.19 -0.59	14.34 -0.17 -0.26	14.85 -0.22 -0.28	15.25 -0.33 -0.41	15.42 -0.35 -0.57	17.55 -0.66 -0.39	17.78 -0.59 -0.44	18.30 -0.59 -0.51	18.51 -0.61 -0.74	18.56 -0.61 -0.79	18.40 -0.67 -0.95	18.82 -0.48 -0.87	19.83 -0.38 -0.31	20.63 -0.34 -0.73	22.58 -0.43 -0.58	24.56 -0.25 0.00	24.47 0.00 0.00	22.75 0.11 0.00	22.13 0.07 0.00	20.58 0.04 0.00	18.25 -0.31 -0.21
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	22.33 1.18 -2.76	19.51 0.97 -3.31	18.41 0.91 -3.06	17.53 0.78 -3.95	16.86 0.86 -1.75	17.56 0.87 -1.89	18.85 0.93 -2.74	19.92 0.93 -3.80	21.61 1.16 -2.64	22.06 1.17 -2.97	23.06 1.19 -3.49	24.64 1.21 -5.05	24.94 1.23 -5.34	25.74 1.20 -6.42	25.65 1.35 -5.87	23.56 1.53 -2.13	26.77 1.60 -4.92	28.09 1.75 -3.91	26.72 1.91 0.00	26.33 1.86 0.00	24.29 1.65 0.00	23.70 1.63 0.00	22.08 1.54 0.00	20.90 1.14 -1.40

MILLWOOD_13_KV_LOAD 356217	22.37 1.21 -2.76	19.54 1.01 -3.31	18.43 0.94 -3.06	17.55 0.81 -3.95	16.88 0.87 -1.75	17.57 0.89 -1.89	18.88 0.96 -2.74	19.94 0.94 -3.80	21.63 1.18 -2.64	22.10 1.20 -2.97	23.09 1.23 -3.49	24.67 1.25 -5.05	24.98 1.27 -5.34	25.78 1.23 -6.42	25.69 1.38 -5.87	23.60 1.57 -2.13	26.79 1.62 -4.92	28.14 1.79 -3.91	26.74 1.94 0.00	26.38 1.91 0.00	24.33 1.70 0.00	23.74 1.68 0.00	22.10 1.56 0.00	20.93 1.17 -1.40
MODEL_CITY_ENERGY 24167	18.15 -0.68 -0.43	14.97 -0.78 -0.52	14.26 -0.65 -0.48	12.93 -0.49 -0.62	14.02 -0.51 -0.27	14.53 -0.56 -0.30	14.91 -0.70 -0.43	15.10 -0.70 -0.59	17.14 -1.09 -0.41	17.39 -1.00 -0.47	17.90 -1.01 -0.54	18.13 -1.03 -0.78	18.17 -1.03 -0.83	18.03 -1.09 -0.99	18.42 -0.92 -0.91	19.37 -0.85 -0.33	20.20 -0.81 -0.76	22.07 -0.96 -0.61	23.89 -0.92 0.00	23.81 -0.66 0.00	22.14 -0.50 0.00	21.54 -0.53 0.00	20.04 -0.49 0.00	17.80 -0.77 -0.22
MODERN_LFGE_ 323580	18.15 -0.68 -0.43	14.97 -0.78 -0.52	14.26 -0.65 -0.48	12.93 -0.49 -0.62	14.02 -0.51 -0.27	14.53 -0.56 -0.30	14.91 -0.70 -0.43	15.10 -0.70 -0.59	17.14 -1.09 -0.41	17.39 -1.00 -0.47	17.90 -1.01 -0.54	18.13 -1.03 -0.78	18.17 -1.03 -0.83	18.03 -1.09 -0.99	18.42 -0.92 -0.91	19.37 -0.85 -0.33	20.20 -0.81 -0.76	22.07 -0.96 -0.61	23.89 -0.92 0.00	23.81 -0.66 0.00	22.14 -0.50 0.00	21.54 -0.53 0.00	20.04 -0.49 0.00	17.80 -0.77 -0.22
MOHAWK_PAPER___DRP 24187	22.67 0.81 -3.47	20.03 0.65 -4.15	18.92 0.64 -3.85	18.36 0.60 -4.96	17.15 0.70 -2.20	17.88 0.71 -2.37	19.32 0.70 -3.44	20.66 0.70 -4.76	21.94 0.82 -3.31	21.09 0.84 -2.32	21.72 0.85 -2.50	22.13 0.85 -2.91	23.59 0.83 -4.39	22.56 0.82 -3.62	25.33 0.87 -6.03	23.47 0.93 -2.64	27.30 0.95 -6.10	28.33 1.05 -4.85	23.81 1.17 2.17	25.65 1.17 0.00	23.72 1.09 0.00	23.13 1.06 0.00	21.54 1.01 0.00	20.88 0.79 -1.74
MOHICAN__35_KV_115KV_LD 80490	23.18 1.23 -3.55	20.46 0.97 -4.26	19.29 0.91 -3.94	18.69 0.81 -5.09	17.44 0.93 -2.26	18.17 0.95 -2.43	19.67 0.96 -3.54	21.07 0.97 -4.90	22.46 1.25 -3.40	24.11 1.31 -4.88	25.47 1.29 -5.81	28.56 1.25 -8.93	28.00 1.16 -8.47	30.67 1.12 -11.42	27.92 1.07 -8.42	23.76 1.15 -2.72	27.83 1.32 -6.27	28.92 1.50 -4.98	28.19 1.76 -1.62	26.24 1.76 0.00	24.33 1.70 0.00	23.68 1.61 0.00	21.95 1.42 0.00	21.66 1.52 -1.78
MONGAUP___HYD 23641	21.98 1.05 -2.54	19.11 0.84 -3.04	18.03 0.78 -2.82	17.09 0.65 -3.64	16.57 0.70 -1.62	17.27 0.74 -1.74	18.48 0.77 -2.53	19.46 0.76 -3.50	21.15 0.91 -2.43	21.58 0.91 -2.73	22.50 0.92 -3.21	23.81 0.79 -4.64	24.07 0.79 -4.91	24.79 0.76 -5.90	24.73 0.90 -5.40	23.03 1.17 -1.96	26.01 1.24 -4.52	27.42 1.39 -3.60	26.40 1.59 0.00	26.04 1.57 0.00	24.10 1.47 0.00	23.52 1.46 0.00	21.83 1.29 0.00	20.62 0.97 -1.29
MONTAUK___DIESEL 23721	23.67 2.50 -2.78	20.60 2.04 -3.33	19.42 1.91 -3.08	18.45 1.68 -3.98	17.91 1.90 -1.77	18.69 2.00 -1.90	19.93 1.99 -2.76	21.04 2.02 -3.82	23.01 2.55 -2.65	23.42 2.51 -2.99	27.48 2.50 -6.60	27.79 2.52 -6.90	28.13 2.54 -7.22	28.89 2.61 -8.16	28.91 2.78 -7.70	28.55 3.02 -5.63	30.50 3.24 -7.01	32.75 3.61 -6.71	30.86 4.02 -2.03	29.29 3.82 -1.00	28.70 3.35 -2.71	28.67 3.29 -3.31	23.88 3.18 -0.16	22.43 2.64 -1.43
MOONROAD_115KV_HARTFLD_TB1-2 355988	18.58 -0.31 -0.50	15.46 -0.37 -0.60	14.73 -0.26 -0.55	13.39 -0.12 -0.72	14.49 -0.09 -0.32	15.02 -0.12 -0.34	15.46 -0.21 -0.50	15.68 -0.21 -0.69	17.85 -0.45 -0.48	18.11 -0.36 -0.54	18.59 -0.40 -0.62	18.87 -0.40 -0.90	18.80 -0.53 -0.96	18.60 -0.67 -1.15	19.00 -0.48 -1.05	19.91 -0.36 -0.38	20.91 -0.22 -0.88	22.84 -0.29 -0.70	24.96 0.15 0.00	25.01 0.54 0.00	23.22 0.59 0.00	22.66 0.60 0.00	20.80 0.27 0.00	18.42 -0.18 -0.25
MORTIMER_115KV_TB3 55949	18.60 -0.15 -0.35	15.45 -0.20 -0.42	14.66 -0.16 -0.39	13.22 -0.08 -0.50	14.42 -0.06 -0.22	14.93 -0.10 -0.24	15.36 -0.17 -0.35	15.52 -0.17 -0.48	17.83 -0.32 -0.33	18.03 -0.27 -0.38	18.59 -0.22 -0.44	18.82 -0.18 -0.63	18.82 -0.22 -0.67	18.66 -0.27 -0.81	19.04 -0.13 -0.74	20.08 -0.08 -0.27	20.79 -0.08 -0.62	22.79 -0.13 -0.49	24.73 -0.07 0.00	24.50 0.02 0.00	22.70 0.07 0.00	22.11 0.04 0.00	20.45 -0.08 0.00	18.40 -0.13 -0.18
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	22.49 1.32 -2.78	19.65 1.10 -3.32	18.53 1.01 -3.08	17.64 0.87 -3.98	16.97 0.95 -1.76	17.67 0.98 -1.90	18.99 1.05 -2.76	20.05 1.03 -3.82	21.75 1.28 -2.65	22.19 1.27 -2.99	23.19 1.30 -3.51	24.78 1.32 -5.08	25.12 1.38 -5.37	25.92 1.34 -6.46	25.85 1.51 -5.91	23.75 1.71 -2.15	26.98 1.78 -4.95	28.32 1.95 -3.93	26.94 2.13 0.00	26.53 2.06 0.00	24.47 1.83 0.00	23.85 1.79 0.00	22.24 1.70 0.00	21.03 1.27 -1.41
MUNSVILLE_WIND_PWR 323609	20.50 1.27 -0.84	17.24 1.00 -1.01	16.26 0.90 -0.94	14.78 0.78 -1.21	15.62 0.83 -0.54	16.32 0.95 -0.58	16.91 0.90 -0.84	17.24 0.88 -1.16	19.60 0.98 -0.81	19.71 0.88 -0.91	20.46 1.03 -1.05	20.93 1.03 -1.52	20.90 0.92 -1.61	20.93 0.87 -1.94	21.11 0.90 -1.77	21.63 1.09 -0.64	22.89 1.15 -1.49	24.93 1.32 -1.18	26.57 1.76 0.00	26.31 1.84 0.00	24.44 1.81 0.00	23.74 1.68 0.00	22.02 1.48 0.00	19.92 1.14 -0.42
N SALMON___HYD 24042	18.32 -0.07 0.00	15.18 -0.05 0.00	14.40 -0.03 0.00	12.74 -0.05 0.00	14.20 -0.06 0.00	14.75 -0.04 0.00	15.23 0.05 0.00	15.28 0.08 0.00	17.88 0.07 0.00	17.94 0.02 0.00	18.34 -0.04 0.00	18.28 -0.09 0.00	18.25 -0.13 0.00	18.04 -0.09 0.00	18.25 -0.18 0.00	19.71 -0.18 0.00	20.15 -0.10 0.00	22.36 -0.07 0.00	24.56 -0.25 0.00	24.25 -0.22 0.00	22.45 -0.18 0.00	21.87 -0.20 0.00	20.37 -0.17 0.00	18.30 -0.05 0.00
N.AKRON__115KV_KNAPP 355671	18.48 -0.33 -0.41	15.35 -0.38 -0.50	14.59 -0.30 -0.46	13.19 -0.19 -0.59	14.35 -0.17 -0.26	14.87 -0.21 -0.28	15.26 -0.33 -0.41	15.44 -0.33 -0.57	17.57 -0.64 -0.40	17.80 -0.57 -0.45	18.32 -0.57 -0.52	18.59 -0.53 -0.75	18.58 -0.59 -0.79	18.43 -0.65 -0.95	18.84 -0.46 -0.87	19.85 -0.36 -0.32	20.66 -0.32 -0.73	22.61 -0.40 -0.58	24.58 -0.22 0.00	24.47 0.00 0.00	22.72 0.09 0.00	22.13 0.07 0.00	20.39 -0.14 0.00	18.25 -0.31 -0.21
N.BELMOR_69_KV_BK1 55787	22.90 1.73 -2.78	19.99 1.43 -3.33	18.84 1.33 -3.08	17.92 1.15 -3.98	17.29 1.27 -1.77	18.00 1.30 -1.90	19.31 1.37 -2.76	20.39 1.37 -3.82	22.14 1.67 -2.65	22.60 1.69 -2.99	26.57 1.60 -6.60	26.91 1.64 -6.90	27.27 1.67 -7.22	27.91 1.63 -8.16	27.91 1.79 -7.70	27.55 2.03 -5.63	29.36 2.11 -7.01	31.45 2.31 -6.71	29.37 2.53 -2.03	27.94 2.47 -1.00	27.56 2.22 -2.71	27.56 2.18 -3.31	22.79 2.09 -0.16	21.48 1.69 -1.43
N.E._GEN_SANDY PD 24062	22.48 0.96 -3.13	19.79 0.81 -3.75	18.68 0.76 -3.48	17.96 0.68 -4.49	17.00 0.75 -1.99	17.71 0.77 -2.15	19.08 0.79 -3.11	20.30 0.79 -4.31	22.22 1.00 -3.41	22.77 1.00 -3.84	23.91 1.01 -4.53	26.17 1.01 -6.79	26.14 1.01 -6.75	27.76 0.98 -8.66	26.55 1.09 -7.04	23.51 1.21 -2.41	27.00 1.19 -5.56	28.17 1.32 -4.42	27.00 1.49 -0.70	25.89 1.42 0.00	23.92 1.29 0.00	23.53 1.28 -0.19	21.54 1.19 0.19	20.86 0.92 -1.58

N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	22.21 1.14 -2.68	19.38 0.94 -3.21	18.27 0.87 -2.98	17.37 0.74 -3.84	16.76 0.80 -1.70	17.46 0.83 -1.84	18.74 0.90 -2.66	19.77 0.88 -3.69	21.48 1.10 -2.56	21.92 1.11 -2.88	22.90 1.14 -3.38	24.43 1.16 -4.90	24.75 1.19 -5.18	25.52 1.16 -6.23	25.46 1.33 -5.70	23.47 1.51 -2.07	26.58 1.56 -4.78	27.95 1.73 -3.80	26.69 1.89 0.00	26.31 1.84 0.00	24.29 1.65 0.00	23.68 1.61 0.00	22.03 1.50 0.00	20.80 1.08 -1.36
N.QUEENS_27_KV_LOAD 356247	22.59 1.42 -2.78	19.77 1.20 -3.33	18.63 1.11 -3.09	17.74 0.96 -3.98	17.08 1.05 -1.77	17.76 1.07 -1.90	19.03 1.09 -2.76	20.02 1.00 -3.82	21.66 1.19 -2.65	22.10 1.18 -2.99	23.08 1.19 -3.51	24.67 1.21 -5.08	25.01 1.27 -5.37	25.83 1.25 -6.46	25.76 1.42 -5.91	23.67 1.63 -2.15	26.86 1.66 -4.95	28.18 1.82 -3.93	26.82 2.01 0.00	26.41 1.93 0.00	24.33 1.70 0.00	23.72 1.65 0.00	22.32 1.79 0.00	21.12 1.36 -1.41
N.TROY___115KV_TB1 355778	22.78 0.90 -3.48	20.13 0.73 -4.17	19.01 0.71 -3.87	18.41 0.63 -4.99	17.18 0.71 -2.22	17.91 0.72 -2.39	19.42 0.76 -3.48	20.79 0.78 -4.81	22.14 0.98 -3.34	25.31 1.00 -6.38	27.16 1.01 -7.77	31.94 0.99 -12.57	30.20 0.97 -10.86	35.23 0.96 -16.14	29.13 1.01 -9.69	23.66 1.09 -2.67	27.55 1.13 -6.16	28.59 1.26 -4.90	30.27 1.41 -4.05	25.79 1.32 0.00	23.86 1.22 0.00	23.26 1.19 0.00	21.64 1.11 0.00	21.00 0.90 -1.75
NARROWS_GT1_1 24228	22.72 1.55 -2.78	19.83 1.26 -3.33	18.69 1.17 -3.09	17.78 1.00 -3.98	17.11 1.08 -1.77	17.80 1.11 -1.90	19.11 1.17 -2.76	20.13 1.11 -3.82	21.82 1.35 -2.65	22.24 1.33 -2.99	23.28 1.40 -3.51	24.87 1.41 -5.08	25.23 1.49 -5.37	26.07 1.47 -6.48	25.98 1.62 -5.93	23.91 1.87 -2.15	32.34 1.92 -10.17	31.66 2.11 -7.12	32.41 2.31 -5.29	26.72 2.25 0.00	24.58 1.95 0.00	23.99 1.92 0.00	22.26 1.73 0.00	21.20 1.43 -1.41
NARROWS_GT1_2 24229	22.72 1.55 -2.78	19.83 1.26 -3.33	18.69 1.17 -3.09	17.78 1.00 -3.98	17.11 1.08 -1.77	17.80 1.11 -1.90	19.11 1.17 -2.76	20.13 1.11 -3.82	21.82 1.35 -2.65	22.24 1.33 -2.99	23.28 1.40 -3.51	24.87 1.41 -5.08	25.23 1.49 -5.37	26.07 1.47 -6.48	25.98 1.62 -5.93	23.91 1.87 -2.15	32.34 1.92 -10.17	31.66 2.11 -7.12	32.41 2.31 -5.29	26.72 2.25 0.00	24.58 1.95 0.00	23.99 1.92 0.00	22.26 1.73 0.00	21.20 1.43 -1.41
NARROWS_GT1_3 24230	22.72 1.55 -2.78	19.83 1.26 -3.33	18.69 1.17 -3.09	17.78 1.00 -3.98	17.11 1.08 -1.77	17.80 1.11 -1.90	19.11 1.17 -2.76	20.13 1.11 -3.82	21.82 1.35 -2.65	22.24 1.33 -2.99	23.28 1.40 -3.51	24.87 1.41 -5.08	25.23 1.49 -5.37	26.07 1.47 -6.48	25.98 1.62 -5.93	23.91 1.87 -2.15	32.34 1.92 -10.17	31.66 2.11 -7.12	32.41 2.31 -5.29	26.72 2.25 0.00	24.58 1.95 0.00	23.99 1.92 0.00	22.26 1.73 0.00	21.20 1.43 -1.41
NARROWS_GT1_4 24231	22.72 1.55 -2.78	19.83 1.26 -3.33	18.69 1.17 -3.09	17.78 1.00 -3.98	17.11 1.08 -1.77	17.80 1.11 -1.90	19.11 1.17 -2.76	20.13 1.11 -3.82	21.82 1.35 -2.65	22.24 1.33 -2.99	23.28 1.40 -3.51	24.87 1.41 -5.08	25.23 1.49 -5.37	26.07 1.47 -6.48	25.98 1.62 -5.93	23.91 1.87 -2.15	32.34 1.92 -10.17	31.66 2.11 -7.12	32.41 2.31 -5.29	26.72 2.25 0.00	24.58 1.95 0.00	23.99 1.92 0.00	22.26 1.73 0.00	21.20 1.43 -1.41
NARROWS_GT1_5 24232	22.72 1.55 -2.78	19.83 1.26 -3.33	18.69 1.17 -3.09	17.78 1.00 -3.98	17.11 1.08 -1.77	17.80 1.11 -1.90	19.11 1.17 -2.76	20.13 1.11 -3.82	21.82 1.35 -2.65	22.24 1.33 -2.99	23.28 1.40 -3.51	24.87 1.41 -5.08	25.23 1.49 -5.37	26.07 1.47 -6.48	25.98 1.62 -5.93	23.91 1.87 -2.15	32.34 1.92 -10.17	31.66 2.11 -7.12	32.41 2.31 -5.29	26.72 2.25 0.00	24.58 1.95 0.00	23.99 1.92 0.00	22.26 1.73 0.00	21.20 1.43 -1.41
NARROWS_GT1_6 24233	22.72 1.55 -2.78	19.83 1.26 -3.33	18.69 1.17 -3.09	17.78 1.00 -3.98	17.11 1.08 -1.77	17.80 1.11 -1.90	19.11 1.17 -2.76	20.13 1.11 -3.82	21.82 1.35 -2.65	22.24 1.33 -2.99	23.28 1.40 -3.51	24.87 1.41 -5.08	25.23 1.49 -5.37	26.07 1.47 -6.48	25.98 1.62 -5.93	23.91 1.87 -2.15	32.34 1.92 -10.17	31.66 2.11 -7.12	32.41 2.31 -5.29	26.72 2.25 0.00	24.58 1.95 0.00	23.99 1.92 0.00	22.26 1.73 0.00	21.20 1.43 -1.41
NARROWS_GT1_7 24234	22.72 1.55 -2.78	19.83 1.26 -3.33	18.69 1.17 -3.09	17.78 1.00 -3.98	17.11 1.08 -1.77	17.80 1.11 -1.90	19.11 1.17 -2.76	20.13 1.11 -3.82	21.82 1.35 -2.65	22.24 1.33 -2.99	23.28 1.40 -3.51	24.87 1.41 -5.08	25.23 1.49 -5.37	26.07 1.47 -6.48	25.98 1.62 -5.93	23.91 1.87 -2.15	32.34 1.92 -10.17	31.66 2.11 -7.12	32.41 2.31 -5.29	26.72 2.25 0.00	24.58 1.95 0.00	23.99 1.92 0.00	22.26 1.73 0.00	21.20 1.43 -1.41
NARROWS_GT1_8 24235	22.72 1.55 -2.78	19.83 1.26 -3.33	18.69 1.17 -3.09	17.78 1.00 -3.98	17.11 1.08 -1.77	17.80 1.11 -1.90	19.11 1.17 -2.76	20.13 1.11 -3.82	21.82 1.35 -2.65	22.24 1.33 -2.99	23.28 1.40 -3.51	24.87 1.41 -5.08	25.23 1.49 -5.37	26.07 1.47 -6.48	25.98 1.62 -5.93	23.91 1.87 -2.15	32.34 1.92 -10.17	31.66 2.11 -7.12	32.41 2.31 -5.29	26.72 2.25 0.00	24.58 1.95 0.00	23.99 1.92 0.00	22.26 1.73 0.00	21.20 1.43 -1.41
NARROWS_GT2_1 24236	22.72 1.55 -2.79	19.83 1.26 -3.33	18.69 1.17 -3.09	17.78 1.00 -3.98	17.11 1.08 -1.77	17.80 1.11 -1.90	19.11 1.17 -2.76	20.13 1.11 -3.82	21.82 1.35 -2.65	22.24 1.33 -2.99	23.28 1.40 -3.51	24.87 1.41 -5.08	25.23 1.49 -5.37	26.07 1.47 -6.48	25.98 1.62 -5.93	23.91 1.87 -2.15	32.34 1.92 -10.17	31.66 2.11 -7.12	32.41 2.31 -5.29	26.72 2.25 0.00	24.58 1.95 0.00	23.99 1.92 0.00	22.26 1.73 0.00	21.20 1.43 -1.41
NARROWS_GT2_2 24237	22.72 1.55 -2.79	19.83 1.26 -3.33	18.69 1.17 -3.09	17.78 1.00 -3.98	17.11 1.08 -1.77	17.80 1.11 -1.90	19.11 1.17 -2.76	20.13 1.11 -3.82	21.82 1.35 -2.65	22.24 1.33 -2.99	23.28 1.40 -3.51	24.87 1.41 -5.08	25.23 1.49 -5.37	26.07 1.47 -6.48	25.98 1.62 -5.93	23.91 1.87 -2.15	32.34 1.92 -10.17	31.66 2.11 -7.12	32.41 2.31 -5.29	26.72 2.25 0.00	24.58 1.95 0.00	23.99 1.92 0.00	22.26 1.73 0.00	21.20 1.43 -1.41
NARROWS_GT2_3 24238	22.72 1.55 -2.79	19.83 1.26 -3.33	18.69 1.17 -3.09	17.78 1.00 -3.98	17.11 1.08 -1.77	17.80 1.11 -1.90	19.11 1.17 -2.76	20.13 1.11 -3.82	21.82 1.35 -2.65	22.24 1.33 -2.99	23.28 1.40 -3.51	24.87 1.41 -5.08	25.23 1.49 -5.37	26.07 1.47 -6.48	25.98 1.62 -5.93	23.91 1.87 -2.15	32.34 1.92 -10.17	31.66 2.11 -7.12	32.41 2.31 -5.29	26.72 2.25 0.00	24.58 1.95 0.00	23.99 1.92 0.00	22.26 1.73 0.00	21.20 1.43 -1.41
NARROWS_GT2_4 24239	22.72 1.55 -2.79	19.83 1.26 -3.33	18.69 1.17 -3.09	17.78 1.00 -3.98	17.11 1.08 -1.77	17.80 1.11 -1.90	19.11 1.17 -2.76	20.13 1.11 -3.82	21.82 1.35 -2.65	22.24 1.33 -2.99	23.28 1.40 -3.51	24.87 1.41 -5.08	25.23 1.49 -5.37	26.07 1.47 -6.48	25.98 1.62 -5.93	23.91 1.87 -2.15	32.34 1.92 -10.17	31.66 2.11 -7.12	32.41 2.31 -5.29	26.72 2.25 0.00	24.58 1.95 0.00	23.99 1.92 0.00	22.26 1.73 0.00	21.20 1.43 -1.41

NARROWS_GT2_5 24240	22.72 1.55 -2.79	19.83 1.26 -3.33	18.69 1.17 -3.09	17.78 1.00 -3.98	17.11 1.08 -1.77	17.80 1.11 -1.90	19.11 1.17 -2.76	20.13 1.11 -3.82	21.82 1.35 -2.65	22.24 1.33 -2.99	23.28 1.40 -3.51	24.87 1.41 -5.08	25.23 1.49 -5.37	26.07 1.47 -6.48	25.98 1.62 -5.93	23.91 1.87 -2.15	32.34 1.92 -10.17	31.66 2.11 -7.12	32.41 2.31 -5.29	26.72 2.25 0.00	24.58 1.95 0.00	23.99 1.92 0.00	22.26 1.73 0.00	21.20 1.43 -1.41
NARROWS_GT2_6 24241	22.72 1.55 -2.79	19.83 1.26 -3.33	18.69 1.17 -3.09	17.78 1.00 -3.98	17.11 1.08 -1.77	17.80 1.11 -1.90	19.11 1.17 -2.76	20.13 1.11 -3.82	21.82 1.35 -2.65	22.24 1.33 -2.99	23.28 1.40 -3.51	24.87 1.41 -5.08	25.23 1.49 -5.37	26.07 1.47 -6.48	25.98 1.62 -5.93	23.91 1.87 -2.15	32.34 1.92 -10.17	31.66 2.11 -7.12	32.41 2.31 -5.29	26.72 2.25 0.00	24.58 1.95 0.00	23.99 1.92 0.00	22.26 1.73 0.00	21.20 1.43 -1.41
NARROWS_GT2_7 24242	22.72 1.55 -2.79	19.83 1.26 -3.33	18.69 1.17 -3.09	17.78 1.00 -3.98	17.11 1.08 -1.77	17.80 1.11 -1.90	19.11 1.17 -2.76	20.13 1.11 -3.82	21.82 1.35 -2.65	22.24 1.33 -2.99	23.28 1.40 -3.51	24.87 1.41 -5.08	25.23 1.49 -5.37	26.07 1.47 -6.48	25.98 1.62 -5.93	23.91 1.87 -2.15	32.34 1.92 -10.17	31.66 2.11 -7.12	32.41 2.31 -5.29	26.72 2.25 0.00	24.58 1.95 0.00	23.99 1.92 0.00	22.26 1.73 0.00	21.20 1.43 -1.41
NARROWS_GT2_8 24243	22.72 1.55 -2.79	19.83 1.26 -3.33	18.69 1.17 -3.09	17.78 1.00 -3.98	17.11 1.08 -1.77	17.80 1.11 -1.90	19.11 1.17 -2.76	20.13 1.11 -3.82	21.82 1.35 -2.65	22.24 1.33 -2.99	23.28 1.40 -3.51	24.87 1.41 -5.08	25.23 1.49 -5.37	26.07 1.47 -6.48	25.98 1.62 -5.93	23.91 1.87 -2.15	32.34 1.92 -10.17	31.66 2.11 -7.12	32.41 2.31 -5.29	26.72 2.25 0.00	24.58 1.95 0.00	23.99 1.92 0.00	22.26 1.73 0.00	21.20 1.43 -1.41
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	22.49 0.85 -3.25	19.77 0.64 -3.90	18.69 0.65 -3.61	18.10 0.65 -4.66	17.06 0.74 -2.07	17.76 0.74 -2.23	19.17 0.76 -3.23	20.43 0.76 -4.47	21.76 0.84 -3.11	21.73 1.08 -2.73	22.45 1.01 -3.06	23.41 0.99 -4.04	24.30 0.94 -4.99	24.16 0.94 -5.09	25.56 0.98 -6.15	23.21 0.84 -2.49	26.81 0.83 -5.73	28.00 1.01 -4.56	25.05 1.44 1.19	25.77 1.30 0.00	23.90 1.27 0.00	23.32 1.26 0.00	21.73 1.19 0.00	20.82 0.83 -1.64
NCHELSEA_115KV_TR2 355582	22.41 1.23 -2.79	19.57 1.01 -3.34	18.48 0.95 -3.09	17.60 0.82 -3.99	16.89 0.87 -1.77	17.60 0.90 -1.91	18.90 0.96 -2.77	19.97 0.94 -3.83	21.65 1.18 -2.66	22.13 1.20 -3.00	23.08 1.19 -3.51	24.66 1.19 -5.09	24.97 1.21 -5.38	25.79 1.20 -6.47	25.68 1.33 -5.92	23.53 1.49 -2.15	26.75 1.54 -4.96	28.08 1.70 -3.94	26.72 1.91 0.00	26.33 1.86 0.00	24.33 1.70 0.00	23.77 1.70 0.00	22.10 1.56 0.00	20.92 1.16 -1.41
NEG CAPITAL___MECHNVIL 23645	23.10 1.18 -3.53	20.39 0.93 -4.23	19.23 0.88 -3.92	18.63 0.78 -5.05	17.38 0.88 -2.24	18.11 0.90 -2.42	19.61 0.93 -3.51	21.00 0.94 -4.85	22.38 1.19 -3.37	24.50 1.22 -5.35	26.06 1.25 -6.43	29.71 1.23 -10.10	28.80 1.19 -9.23	32.24 1.18 -12.94	28.45 1.20 -8.82	23.89 1.29 -2.70	27.84 1.36 -6.23	28.91 1.53 -4.95	28.92 1.71 -2.40	26.16 1.69 0.00	24.19 1.56 0.00	23.59 1.52 0.00	22.03 1.50 0.00	21.34 1.21 -1.78
NEG CENTRAL_HIGH_ACRES 23767	18.36 -0.37 -0.34	15.23 -0.41 -0.41	14.45 -0.36 -0.38	12.99 -0.29 -0.49	14.17 -0.30 -0.22	14.70 -0.33 -0.23	15.14 -0.38 -0.34	15.30 -0.36 -0.47	17.60 -0.53 -0.32	17.81 -0.48 -0.37	18.38 -0.42 -0.42	18.57 -0.42 -0.61	18.60 -0.42 -0.65	18.46 -0.45 -0.78	18.79 -0.35 -0.71	19.83 -0.32 -0.26	20.50 -0.34 -0.60	22.50 -0.40 -0.48	24.41 -0.40 0.00	24.11 -0.37 0.00	22.34 -0.29 0.00	21.76 -0.31 0.00	20.27 -0.27 0.00	18.14 -0.39 -0.17
NEG CENTRAL___DRP 24199	18.78 0.02 -0.37	15.64 -0.03 -0.44	14.81 -0.03 -0.41	13.32 0.00 -0.53	14.50 0.01 -0.23	15.06 0.01 -0.25	15.53 -0.02 -0.37	15.69 -0.02 -0.51	18.10 -0.07 -0.35	18.25 -0.07 -0.40	18.84 0.00 -0.46	19.04 0.00 -0.67	19.06 -0.02 -0.71	18.92 -0.05 -0.85	19.25 0.04 -0.78	20.27 0.10 -0.28	20.98 0.08 -0.65	23.06 0.11 -0.52	25.06 0.25 0.00	24.74 0.27 0.00	22.88 0.25 0.00	22.29 0.22 0.00	20.68 0.14 0.00	18.56 0.02 -0.19
NEG CENTRAL___INDECK 23768	19.23 0.35 -0.49	15.97 0.15 -0.58	15.15 0.17 -0.54	13.68 0.19 -0.70	14.81 0.24 -0.31	15.36 0.24 -0.33	15.82 0.15 -0.48	15.98 0.11 -0.67	18.16 -0.12 -0.47	18.16 -0.29 -0.52	18.60 -0.39 -0.61	18.83 -0.42 -0.88	18.87 -0.44 -0.93	18.67 -0.58 -1.12	19.00 -0.46 -1.03	19.92 -0.34 -0.37	20.84 -0.26 -0.86	22.93 -0.18 -0.68	25.06 0.25 0.00	25.13 0.66 0.00	23.47 0.84 0.00	22.84 0.77 0.00	21.23 0.70 0.00	18.89 0.29 -0.24
NEG CENTRAL___SENECA 23627	18.84 0.04 -0.41	15.72 0.00 -0.49	14.89 0.00 -0.45	13.39 0.01 -0.59	14.54 0.03 -0.26	15.12 0.04 -0.28	15.60 0.02 -0.41	15.76 0.00 -0.56	18.13 -0.07 -0.39	18.31 -0.05 -0.44	18.89 0.00 -0.51	19.11 0.00 -0.74	19.14 -0.02 -0.78	18.99 -0.07 -0.94	19.35 0.06 -0.86	20.34 0.14 -0.31	21.11 0.14 -0.72	23.18 0.18 -0.57	25.18 0.37 0.00	24.89 0.42 0.00	23.02 0.38 0.00	22.42 0.35 0.00	20.78 0.25 0.00	18.60 0.04 -0.21
NEG CENTRAL___STATE_STREET 24147	18.90 0.15 -0.36	15.72 0.06 -0.43	14.88 0.04 -0.40	13.46 0.15 -0.52	14.68 0.20 -0.23	15.13 0.09 -0.25	15.60 0.06 -0.36	15.77 0.08 -0.50	18.25 0.09 -0.35	18.40 0.09 -0.39	18.99 0.17 -0.45	19.23 0.20 -0.65	19.23 0.17 -0.69	19.10 0.15 -0.83	19.41 0.22 -0.76	20.42 0.26 -0.28	21.11 0.22 -0.64	23.21 0.27 -0.51	25.18 0.37 0.00	24.79 0.32 0.00	22.93 0.29 0.00	22.33 0.26 0.00	20.76 0.23 0.00	18.66 0.13 -0.18
NEG MILLWOOD___DRP 24198	22.51 1.31 -2.81	19.68 1.08 -3.36	18.56 1.01 -3.12	17.67 0.86 -4.02	16.95 0.91 -1.79	17.65 0.93 -1.92	18.97 1.00 -2.79	20.04 0.97 -3.86	21.73 1.23 -2.69	22.22 1.27 -3.02	23.23 1.30 -3.55	24.82 1.30 -5.14	25.11 1.30 -5.43	25.93 1.27 -6.53	25.79 1.38 -5.97	23.61 1.55 -2.17	26.88 1.62 -5.01	28.23 1.82 -3.98	26.74 1.94 0.00	26.43 1.96 0.00	24.40 1.77 0.00	23.83 1.77 0.00	22.16 1.62 0.00	21.03 1.25 -1.43
NEG NORTH_FLCN_SEA 23793	18.54 0.15 0.00	15.34 0.11 0.00	14.56 0.13 0.00	12.91 0.12 0.00	14.38 0.13 0.00	14.90 0.10 0.00	15.38 0.20 0.00	15.41 0.21 0.00	18.03 0.21 0.00	18.09 0.16 0.00	18.48 0.11 0.00	18.41 0.04 0.00	18.39 0.02 0.00	18.18 0.05 0.00	18.39 -0.04 0.00	19.87 -0.02 0.00	20.31 0.06 0.00	22.56 0.13 0.00	24.78 -0.02 0.00	24.45 -0.02 0.00	22.63 0.00 0.00	22.07 0.00 0.00	20.58 0.04 0.00	18.46 0.11 0.00
NEG NORTH_KES_CHATEGAY 23792	18.39 0.00 0.00	15.21 -0.02 0.00	14.45 0.01 0.00	12.79 0.00 0.00	14.25 0.00 0.00	14.78 -0.01 0.00	15.24 0.06 0.00	15.29 0.09 0.00	17.87 0.05 0.00	17.94 0.02 0.00	18.32 -0.06 0.00	18.25 -0.13 0.00	18.25 -0.13 0.00	18.04 -0.09 0.00	18.25 -0.18 0.00	19.69 -0.20 0.00	20.11 -0.14 0.00	22.34 -0.09 0.00	24.56 -0.25 0.00	24.25 -0.22 0.00	22.43 -0.20 0.00	21.87 -0.20 0.00	20.39 -0.14 0.00	18.32 -0.04 0.00

NEG NORTH___ALICE_FALLS 23915	18.54 0.15 0.00	15.32 0.09 0.00	14.55 0.12 0.00	12.90 0.10 0.00	14.35 0.10 0.00	14.88 0.09 0.00	15.36 0.18 0.00	15.41 0.21 0.00	18.03 0.21 0.00	18.09 0.16 0.00	18.47 0.09 0.00	18.39 0.02 0.00	18.37 0.00 0.00	18.16 0.04 0.00	18.39 -0.04 0.00	19.87 -0.02 0.00	20.31 0.06 0.00	22.59 0.16 0.00	24.78 -0.02 0.00	24.47 0.00 0.00	22.63 0.00 0.00	22.07 0.00 0.00	20.58 0.04 0.00	18.46 0.11 0.00
NEG NORTH___LWR_SARANAC 23913	18.54 0.15 0.00	15.32 0.09 0.00	14.55 0.12 0.00	12.90 0.10 0.00	14.35 0.10 0.00	14.88 0.09 0.00	15.36 0.18 0.00	15.41 0.21 0.00	18.03 0.21 0.00	18.09 0.16 0.00	18.47 0.09 0.00	18.39 0.02 0.00	18.37 0.00 0.00	18.16 0.04 0.00	18.39 -0.04 0.00	19.87 -0.02 0.00	20.31 0.06 0.00	22.59 0.16 0.00	24.78 -0.02 0.00	24.47 0.00 0.00	22.63 0.00 0.00	22.07 0.00 0.00	20.58 0.04 0.00	18.46 0.11 0.00
NEG NORTH___PLATTSBURG 23628	18.50 0.11 0.00	15.32 0.09 0.00	14.55 0.11 0.00	12.90 0.10 0.00	14.35 0.10 0.00	14.88 0.09 0.00	15.36 0.18 0.00	15.41 0.21 0.00	18.03 0.21 0.00	18.09 0.16 0.00	18.47 0.09 0.00	18.41 0.04 0.00	18.37 0.00 0.00	18.16 0.04 0.00	18.39 -0.04 0.00	19.87 -0.02 0.00	20.31 0.06 0.00	22.59 0.16 0.00	24.78 -0.02 0.00	24.47 0.00 0.00	22.63 0.00 0.00	22.07 0.00 0.00	20.56 0.02 0.00	18.47 0.11 0.00
NEG WEST_LEA_LOCKPORT 23791	18.20 -0.63 -0.43	15.13 -0.61 -0.51	14.40 -0.51 -0.47	13.05 -0.36 -0.61	14.15 -0.37 -0.27	14.67 -0.41 -0.29	15.06 -0.55 -0.43	15.23 -0.56 -0.59	17.31 -0.91 -0.41	17.56 -0.82 -0.46	18.08 -0.83 -0.53	18.38 -0.77 -0.77	18.35 -0.85 -0.82	18.19 -0.92 -0.98	18.59 -0.74 -0.90	19.56 -0.66 -0.33	20.40 -0.61 -0.75	22.29 -0.74 -0.60	24.16 -0.65 0.00	24.08 -0.39 0.00	22.34 -0.29 0.00	21.78 -0.29 0.00	20.06 -0.47 0.00	17.98 -0.59 -0.21
NEG WEST___LANCASTR 23811	17.84 -1.05 -0.50	14.85 -0.97 -0.60	14.14 -0.85 -0.55	12.82 -0.69 -0.72	13.83 -0.74 -0.32	14.34 -0.80 -0.34	14.78 -0.90 -0.50	14.98 -0.91 -0.69	17.03 -1.26 -0.48	17.28 -1.18 -0.54	17.80 -1.19 -0.62	18.10 -1.18 -0.90	18.10 -1.23 -0.95	17.97 -1.31 -1.15	18.39 -1.09 -1.05	19.26 -1.01 -0.38	20.20 -0.93 -0.88	22.03 -1.10 -0.70	24.31 -0.50 0.00	24.25 -0.22 0.00	22.45 -0.18 0.00	21.89 -0.18 0.00	20.10 -0.43 0.00	17.60 -1.01 -0.25
NEG_PENN_ALLEGHNY 23528	19.49 0.20 -0.89	16.40 0.11 -1.07	15.52 0.10 -0.99	14.17 0.10 -1.28	14.95 0.13 -0.57	15.52 0.12 -0.61	16.17 0.11 -0.89	16.52 0.09 -1.23	18.74 0.07 -0.85	18.96 0.07 -0.96	19.62 0.13 -1.11	20.12 0.13 -1.61	20.23 0.15 -1.71	20.27 0.09 -2.05	20.51 0.20 -1.88	20.87 0.30 -0.68	22.13 0.30 -1.57	24.02 0.34 -1.25	25.30 0.50 0.00	24.99 0.51 0.00	23.11 0.48 0.00	22.53 0.46 0.00	20.91 0.37 0.00	18.95 0.15 -0.45
NEG___GEN_MONROE 24207	18.54 -0.20 -0.35	15.41 -0.24 -0.42	14.62 -0.20 -0.39	13.20 -0.10 -0.51	14.41 -0.07 -0.22	14.93 -0.10 -0.24	15.33 -0.20 -0.35	15.47 -0.21 -0.49	17.76 -0.39 -0.34	17.95 -0.36 -0.38	18.45 -0.37 -0.44	18.65 -0.37 -0.64	18.65 -0.40 -0.68	18.47 -0.47 -0.81	18.90 -0.28 -0.74	19.92 -0.24 -0.27	20.61 -0.26 -0.62	22.66 -0.27 -0.50	24.58 -0.22 0.00	24.45 -0.02 0.00	22.68 0.05 0.00	22.07 0.00 0.00	20.39 -0.14 0.00	18.33 -0.20 -0.18
NEPA___ENERGY 23901	18.40 -0.50 -0.50	15.33 -0.50 -0.60	14.59 -0.40 -0.56	13.26 -0.26 -0.72	14.32 -0.26 -0.32	14.81 -0.33 -0.35	15.27 -0.41 -0.50	15.45 -0.44 -0.69	17.60 -0.69 -0.48	17.86 -0.61 -0.54	18.40 -0.61 -0.63	18.70 -0.59 -0.91	18.70 -0.64 -0.96	18.54 -0.74 -1.16	18.98 -0.52 -1.06	19.88 -0.40 -0.39	20.83 -0.30 -0.89	22.76 -0.38 -0.71	24.71 -0.10 0.00	24.64 0.17 0.00	22.84 0.20 0.00	22.26 0.20 0.00	20.43 -0.10 0.00	18.17 -0.44 -0.25
NEVERSINK___HYD 23608	21.83 0.94 -2.50	18.98 0.76 -2.99	17.90 0.69 -2.77	16.95 0.58 -3.58	16.45 0.61 -1.59	17.13 0.62 -1.71	18.33 0.67 -2.48	19.27 0.64 -3.43	21.00 0.80 -2.39	21.42 0.81 -2.69	22.32 0.81 -3.14	23.75 0.83 -4.55	24.01 0.83 -4.81	24.72 0.82 -5.78	24.68 0.96 -5.29	22.95 1.13 -1.92	25.87 1.19 -4.43	27.28 1.32 -3.52	26.32 1.51 0.00	25.94 1.47 0.00	24.01 1.38 0.00	23.44 1.37 0.00	21.71 1.17 0.00	20.48 0.86 -1.26
NEWKRMKL_115KV_TB1 55635	22.46 0.61 -3.46	19.86 0.49 -4.14	18.76 0.49 -3.84	18.26 0.51 -4.95	17.05 0.60 -2.20	17.77 0.61 -2.37	19.21 0.59 -3.43	20.55 0.59 -4.75	21.76 0.64 -3.30	21.12 0.66 -2.53	21.79 0.64 -2.77	22.43 0.64 -3.41	23.71 0.62 -4.71	23.01 0.62 -4.26	25.30 0.66 -6.21	23.27 0.74 -2.64	27.06 0.73 -6.09	28.08 0.81 -4.84	23.86 0.89 1.84	25.35 0.88 0.00	23.45 0.81 0.00	22.86 0.79 0.00	21.34 0.80 0.00	20.70 0.61 -1.74
NEWTON___FALLS_HYD 23847	18.25 -0.22 -0.08	15.14 -0.18 -0.09	14.32 -0.20 -0.09	12.73 -0.18 -0.11	14.09 -0.21 -0.05	14.67 -0.18 -0.05	15.07 -0.18 -0.08	15.14 -0.17 -0.11	17.66 -0.23 -0.07	17.72 -0.29 -0.08	18.21 -0.26 -0.10	18.24 -0.28 -0.14	18.19 -0.33 -0.15	17.98 -0.33 -0.18	18.19 -0.41 -0.16	19.51 -0.44 -0.06	19.96 -0.43 -0.14	22.14 -0.40 -0.11	24.36 -0.45 0.00	24.13 -0.34 0.00	22.36 -0.27 0.00	21.78 -0.29 0.00	20.25 -0.29 0.00	18.17 -0.22 -0.04
NGRID_A1_DSASP 323792	18.13 -0.70 -0.44	15.02 -0.73 -0.52	14.31 -0.61 -0.48	12.98 -0.44 -0.62	14.07 -0.46 -0.28	14.57 -0.52 -0.30	14.93 -0.68 -0.43	15.01 -0.79 -0.60	17.05 -1.18 -0.42	17.30 -1.09 -0.47	17.82 -1.10 -0.54	18.04 -1.12 -0.79	18.09 -1.12 -0.83	17.95 -1.18 -1.00	18.33 -1.01 -0.92	19.27 -0.95 -0.33	20.09 -0.93 -0.77	21.94 -1.10 -0.61	23.69 -1.12 0.00	23.59 -0.88 0.00	21.93 -0.70 0.00	21.34 -0.73 0.00	19.88 -0.66 0.00	17.69 -0.88 -0.22
NGRID_A2_DSASP 323793	18.13 -0.70 -0.44	15.02 -0.73 -0.52	14.31 -0.61 -0.48	12.98 -0.44 -0.62	14.07 -0.46 -0.28	14.57 -0.52 -0.30	14.93 -0.68 -0.43	15.01 -0.79 -0.60	17.05 -1.18 -0.42	17.30 -1.09 -0.47	17.82 -1.10 -0.54	18.04 -1.12 -0.79	18.09 -1.12 -0.83	17.95 -1.18 -1.00	18.33 -1.01 -0.92	19.27 -0.95 -0.33	20.09 -0.93 -0.77	21.94 -1.10 -0.61	23.69 -1.12 0.00	23.59 -0.88 0.00	21.93 -0.70 0.00	21.34 -0.73 0.00	19.88 -0.66 0.00	17.69 -0.88 -0.22
NGRID_A4_DSASP 323807	18.02 -0.81 -0.44	15.02 -0.73 -0.52	14.32 -0.59 -0.48	12.98 -0.43 -0.62	14.07 -0.46 -0.28	14.57 -0.52 -0.30	14.93 -0.68 -0.43	15.01 -0.79 -0.60	17.05 -1.18 -0.42	17.30 -1.09 -0.47	17.82 -1.10 -0.54	18.11 -1.05 -0.79	18.09 -1.12 -0.83	17.95 -1.18 -1.00	18.33 -1.01 -0.92	19.27 -0.95 -0.33	20.09 -0.93 -0.77	21.94 -1.10 -0.61	23.69 -1.12 0.00	23.59 -0.88 0.00	21.89 -0.75 0.00	21.34 -0.73 0.00	19.67 -0.86 0.00	17.69 -0.88 -0.22
NIAGARA_115E_LBMP 323715	18.04 -0.79 -0.44	14.90 -0.85 -0.52	14.20 -0.72 -0.48	12.87 -0.55 -0.62	13.95 -0.59 -0.28	14.46 -0.64 -0.30	14.84 -0.77 -0.43	15.01 -0.79 -0.60	17.05 -1.18 -0.42	17.30 -1.09 -0.47	17.82 -1.10 -0.55	18.04 -1.12 -0.79	18.09 -1.12 -0.83	17.95 -1.18 -1.00	18.34 -1.01 -0.92	19.27 -0.95 -0.33	20.09 -0.93 -0.77	21.97 -1.08 -0.61	23.74 -1.07 0.00	23.67 -0.81 0.00	22.00 -0.63 0.00	21.40 -0.66 0.00	19.92 -0.62 0.00	17.69 -0.88 -0.22

NIAGARA_115W_LBMP 323714	18.09 -0.74 -0.43	14.99 -0.76 -0.52	14.30 -0.62 -0.48	12.96 -0.46 -0.62	14.05 -0.48 -0.28	14.56 -0.53 -0.30	14.90 -0.71 -0.43	14.98 -0.82 -0.60	17.02 -1.21 -0.42	17.27 -1.13 -0.47	17.76 -1.16 -0.54	18.00 -1.16 -0.79	18.05 -1.16 -0.83	17.91 -1.21 -1.00	18.28 -1.07 -0.91	19.23 -0.99 -0.33	20.02 -0.99 -0.77	21.90 -1.14 -0.61	23.62 -1.19 0.00	23.52 -0.95 0.00	21.86 -0.77 0.00	21.27 -0.79 0.00	19.82 -0.72 0.00	17.64 -0.94 -0.22
NIAGARA_230_LBMP 323716	18.22 -0.61 -0.43	15.06 -0.69 -0.51	14.35 -0.56 -0.48	13.00 -0.41 -0.61	14.08 -0.44 -0.27	14.60 -0.49 -0.29	15.00 -0.61 -0.43	15.17 -0.62 -0.59	17.24 -0.98 -0.41	17.49 -0.90 -0.46	18.01 -0.90 -0.54	18.23 -0.92 -0.78	18.30 -0.90 -0.82	18.13 -0.98 -0.99	18.52 -0.81 -0.90	19.48 -0.74 -0.33	20.30 -0.71 -0.76	22.18 -0.85 -0.60	23.96 -0.84 0.00	23.86 -0.61 0.00	22.18 -0.45 0.00	21.58 -0.49 0.00	20.08 -0.45 0.00	17.87 -0.70 -0.22
NIAGARA__115KV_198_GIBSON 55903	17.98 -0.85 -0.43	15.00 -0.75 -0.52	14.29 -0.62 -0.48	12.96 -0.46 -0.62	14.05 -0.48 -0.28	14.56 -0.53 -0.30	14.90 -0.71 -0.43	14.96 -0.84 -0.60	17.02 -1.21 -0.42	17.27 -1.13 -0.47	17.76 -1.16 -0.54	18.08 -1.08 -0.79	18.05 -1.16 -0.83	17.91 -1.21 -1.00	18.28 -1.07 -0.91	19.23 -0.99 -0.33	20.04 -0.97 -0.77	21.90 -1.14 -0.61	23.62 -1.19 0.00	23.52 -0.95 0.00	21.82 -0.81 0.00	21.27 -0.79 0.00	19.61 -0.92 0.00	17.64 -0.94 -0.22
NIAGARA____ 23760	18.06 -0.77 -0.44	14.93 -0.82 -0.52	14.22 -0.69 -0.48	12.89 -0.53 -0.62	13.97 -0.56 -0.28	14.48 -0.61 -0.30	14.87 -0.74 -0.43	15.01 -0.79 -0.60	17.09 -1.14 -0.41	17.34 -1.06 -0.47	17.83 -1.08 -0.54	18.08 -1.08 -0.78	18.12 -1.08 -0.83	17.98 -1.14 -1.00	18.35 -1.00 -0.91	19.31 -0.91 -0.33	20.12 -0.89 -0.76	22.01 -1.03 -0.61	23.77 -1.04 0.00	23.69 -0.78 0.00	22.00 -0.63 0.00	21.40 -0.66 0.00	19.92 -0.62 0.00	17.67 -0.90 -0.22
NINE_MILE_1 23575	18.17 -0.40 -0.18	15.08 -0.37 -0.22	14.29 -0.35 -0.20	12.76 -0.29 -0.26	14.04 -0.33 -0.12	14.58 -0.34 -0.12	15.00 -0.36 -0.18	15.09 -0.36 -0.25	17.54 -0.44 -0.17	17.69 -0.43 -0.19	18.18 -0.42 -0.23	18.28 -0.42 -0.33	18.30 -0.42 -0.35	18.11 -0.44 -0.42	18.39 -0.42 -0.38	19.55 -0.48 -0.14	20.06 -0.51 -0.32	22.12 -0.56 -0.25	24.19 -0.62 0.00	23.86 -0.61 0.00	22.09 -0.54 0.00	21.54 -0.53 0.00	20.06 -0.47 0.00	18.02 -0.42 -0.09
NINE_MILE_2 23744	18.17 -0.40 -0.18	15.08 -0.37 -0.22	14.30 -0.33 -0.20	12.76 -0.29 -0.26	14.04 -0.33 -0.11	14.58 -0.34 -0.12	14.99 -0.36 -0.18	15.08 -0.36 -0.25	17.54 -0.44 -0.17	17.69 -0.43 -0.19	18.18 -0.42 -0.23	18.28 -0.42 -0.33	18.30 -0.42 -0.35	18.13 -0.42 -0.42	18.39 -0.42 -0.38	19.55 -0.48 -0.14	20.06 -0.51 -0.32	22.12 -0.56 -0.25	24.19 -0.62 0.00	23.86 -0.61 0.00	22.09 -0.54 0.00	21.54 -0.53 0.00	20.06 -0.47 0.00	18.02 -0.42 -0.09
NM_CAPITAL____DRP 24208	22.50 0.66 -3.45	19.89 0.53 -4.13	18.80 0.53 -3.83	18.27 0.54 -4.94	17.06 0.61 -2.19	17.78 0.62 -2.36	19.21 0.61 -3.42	20.55 0.61 -4.74	21.78 0.68 -3.29	20.85 0.70 -2.22	21.44 0.70 -2.37	21.73 0.68 -2.68	23.27 0.68 -4.22	22.11 0.67 -3.31	25.07 0.72 -5.92	23.32 0.80 -2.63	27.11 0.79 -6.07	28.13 0.87 -4.82	23.47 0.97 2.30	25.43 0.95 0.00	23.52 0.88 0.00	22.93 0.86 0.00	21.40 0.86 0.00	20.73 0.64 -1.73
NM_CENTRAL____DRP 24181	18.56 -0.09 -0.25	15.44 -0.09 -0.31	14.63 -0.09 -0.28	13.08 -0.08 -0.36	14.34 -0.07 -0.16	14.89 -0.07 -0.17	15.34 -0.09 -0.25	15.46 -0.09 -0.35	17.93 -0.12 -0.24	18.08 -0.13 -0.27	18.62 -0.07 -0.32	18.78 -0.06 -0.46	18.81 -0.06 -0.49	18.64 -0.07 -0.59	18.93 -0.04 -0.54	20.05 -0.04 -0.19	20.62 -0.08 -0.45	22.70 -0.09 -0.36	24.76 -0.05 0.00	24.40 -0.07 0.00	22.57 -0.07 0.00	22.00 -0.07 0.00	20.45 -0.08 0.00	18.39 -0.09 -0.13
NM_FRONTIER____DRP 24179	17.98 -0.85 -0.43	15.00 -0.75 -0.52	14.29 -0.62 -0.48	12.96 -0.46 -0.62	14.05 -0.48 -0.28	14.56 -0.53 -0.30	14.90 -0.71 -0.43	14.96 -0.84 -0.60	17.02 -1.21 -0.42	17.27 -1.13 -0.47	17.76 -1.16 -0.54	18.08 -1.08 -0.79	18.05 -1.16 -0.83	17.91 -1.21 -1.00	18.28 -1.07 -0.91	19.23 -0.99 -0.33	20.04 -0.97 -0.77	21.90 -1.14 -0.61	23.62 -1.19 0.00	23.52 -0.95 0.00	21.82 -0.81 0.00	21.27 -0.79 0.00	19.61 -0.92 0.00	17.64 -0.94 -0.22
NM_ST_REGIS____HYD 24053	17.99 -0.40 0.00	14.88 -0.35 0.00	14.12 -0.32 0.00	12.47 -0.32 0.00	13.88 -0.37 0.00	14.45 -0.34 0.00	14.89 -0.29 0.00	14.94 -0.26 0.00	17.47 -0.34 0.00	17.55 -0.38 0.00	17.97 -0.40 0.00	17.92 -0.46 0.00	17.88 -0.50 0.00	17.69 -0.44 0.00	17.88 -0.55 0.00	19.29 -0.60 0.00	19.68 -0.57 0.00	21.87 -0.56 0.00	24.06 -0.74 0.00	23.76 -0.71 0.00	22.00 -0.63 0.00	21.43 -0.64 0.00	19.96 -0.57 0.00	17.95 -0.40 0.00
NORTHPORT____1 23551	22.91 1.73 -2.79	19.98 1.42 -3.33	18.84 1.31 -3.09	17.94 1.16 -3.98	17.31 1.28 -1.77	18.02 1.32 -1.91	19.30 1.35 -2.77	20.38 1.35 -3.83	22.15 1.67 -2.66	22.59 1.67 -3.00	26.56 1.58 -6.60	26.85 1.58 -6.90	27.19 1.60 -7.22	27.82 1.54 -8.15	27.82 1.69 -7.69	27.45 1.93 -5.63	29.22 1.96 -7.01	31.27 2.13 -6.71	29.22 2.38 -2.03	27.82 2.35 -1.00	27.45 2.11 -2.71	27.45 2.07 -3.31	22.71 2.01 -0.16	21.49 1.71 -1.43
NORTHPORT____2 23552	22.91 1.73 -2.79	19.98 1.42 -3.33	18.84 1.31 -3.09	17.94 1.16 -3.98	17.31 1.28 -1.77	18.02 1.32 -1.91	19.30 1.35 -2.77	20.38 1.35 -3.83	22.15 1.67 -2.66	22.59 1.67 -3.00	26.56 1.58 -6.60	26.85 1.58 -6.90	27.19 1.60 -7.22	27.82 1.54 -8.15	27.82 1.69 -7.69	27.45 1.93 -5.63	29.22 1.96 -7.01	31.27 2.13 -6.71	29.22 2.38 -2.03	27.82 2.35 -1.00	27.45 2.11 -2.71	27.45 2.07 -3.31	22.71 2.01 -0.16	21.49 1.71 -1.43
NORTHPORT____3 23553	22.89 1.71 -2.79	19.98 1.42 -3.33	18.82 1.30 -3.09	17.93 1.15 -3.98	17.30 1.27 -1.77	17.99 1.29 -1.91	19.30 1.35 -2.77	20.38 1.35 -3.83	22.13 1.66 -2.66	22.59 1.67 -3.00	26.57 1.60 -6.60	26.87 1.60 -6.90	27.25 1.65 -7.22	27.89 1.61 -8.15	27.91 1.79 -7.69	27.53 2.01 -5.63	29.34 2.09 -7.01	31.41 2.26 -6.71	29.34 2.50 -2.03	27.92 2.45 -1.00	27.52 2.17 -2.71	27.52 2.14 -3.31	22.66 1.97 -0.16	21.46 1.67 -1.43
NORTHPORT____4 23650	22.89 1.71 -2.79	19.98 1.42 -3.33	18.82 1.30 -3.09	17.93 1.15 -3.98	17.30 1.27 -1.77	17.99 1.29 -1.91	19.30 1.35 -2.77	20.38 1.35 -3.83	22.13 1.66 -2.66	22.59 1.67 -3.00	26.57 1.60 -6.60	26.87 1.60 -6.90	27.25 1.65 -7.22	27.89 1.61 -8.15	27.91 1.79 -7.69	27.53 2.01 -5.63	29.34 2.09 -7.01	31.41 2.26 -6.71	29.34 2.50 -2.03	27.92 2.45 -1.00	27.52 2.17 -2.71	27.52 2.14 -3.31	22.66 1.97 -0.16	21.46 1.67 -1.43
NORTHPORT____IC 23718	22.91 1.73 -2.79	19.98 1.42 -3.33	18.84 1.31 -3.09	17.94 1.16 -3.98	17.31 1.28 -1.77	18.02 1.32 -1.91	19.30 1.35 -2.77	20.38 1.35 -3.83	22.15 1.67 -2.66	22.59 1.67 -3.00	26.56 1.58 -6.60	26.85 1.58 -6.90	27.19 1.60 -7.22	27.82 1.54 -8.15	27.82 1.69 -7.69	27.45 1.93 -5.63	29.22 1.96 -7.01	31.27 2.13 -6.71	29.22 2.38 -2.03	27.82 2.35 -1.00	27.45 2.11 -2.71	27.45 2.07 -3.31	22.71 2.01 -0.16	21.49 1.71 -1.43

NORTH__COUNTRY_ESR 323785	18.32 -0.07 0.00	15.18 -0.05 0.00	14.40 -0.03 0.00	12.77 -0.03 0.00	14.23 -0.03 0.00	14.75 -0.04 0.00	15.19 0.02 0.00	15.25 0.05 0.00	17.83 0.02 0.00	17.89 -0.04 0.00	18.27 -0.11 0.00	18.23 -0.15 0.00	18.21 -0.17 0.00	17.98 -0.15 0.00	18.21 -0.22 0.00	19.65 -0.24 0.00	20.07 -0.18 0.00	22.27 -0.16 0.00	24.48 -0.32 0.00	24.18 -0.29 0.00	22.36 -0.27 0.00	21.80 -0.26 0.00	20.33 -0.21 0.00	18.26 -0.09 0.00
NPX_GEN_1385_PROXY 323591	22.91 1.73 -2.79	19.98 1.42 -3.33	18.84 1.31 -3.09	17.97 1.19 -3.98	17.34 1.31 -1.77	18.02 1.32 -1.91	19.30 1.35 -2.77	20.38 1.35 -3.83	22.15 1.67 -2.66	22.59 1.67 -3.00	26.56 1.58 -6.60	26.85 1.58 -6.90	27.19 1.60 -7.22	27.82 1.54 -8.15	27.82 1.69 -7.69	27.45 1.93 -5.63	29.22 1.96 -7.01	31.27 2.13 -6.71	29.22 2.38 -2.03	27.82 2.35 -1.00	27.45 2.11 -2.71	27.64 2.07 -3.50	22.52 2.01 0.03	21.49 1.71 -1.43
NPX_GEN_CSC 323557	22.85 1.67 -2.79	19.98 1.42 -3.33	18.78 1.26 -3.09	17.93 1.15 -3.98	17.30 1.27 -1.77	18.08 1.38 -1.91	19.28 1.34 -2.77	20.34 1.31 -3.83	22.20 1.73 -2.66	22.54 1.61 -3.00	26.54 1.56 -6.60	26.83 1.56 -6.90	27.18 1.58 -7.22	27.98 1.70 -8.15	28.01 1.88 -7.69	27.51 1.99 -5.63	29.42 2.17 -7.01	31.54 2.40 -6.71	29.49 2.66 -2.03	27.94 2.47 -1.00	27.52 2.17 -2.71	27.70 2.14 -3.50	22.60 2.10 0.03	21.59 1.80 -1.43
NSINS_S_GLNS_FALLS 23858	23.18 1.23 -3.56	20.46 0.97 -4.26	19.29 0.91 -3.95	18.68 0.79 -5.09	17.44 0.93 -2.26	18.18 0.95 -2.44	19.68 0.96 -3.54	21.07 0.97 -4.90	22.46 1.25 -3.40	24.06 1.31 -4.82	25.38 1.27 -5.73	28.42 1.25 -8.80	27.90 1.14 -8.38	30.50 1.12 -11.25	27.85 1.05 -8.37	23.73 1.11 -2.72	27.82 1.30 -6.27	28.90 1.48 -4.99	28.08 1.74 -1.53	26.24 1.76 0.00	24.33 1.70 0.00	23.68 1.61 0.00	21.95 1.42 0.00	21.70 1.56 -1.79
NUCOR_STEEL__DRP 24197	18.92 0.18 -0.35	15.75 0.11 -0.42	14.90 0.09 -0.38	13.39 0.10 -0.50	14.62 0.14 -0.22	15.18 0.15 -0.24	15.65 0.12 -0.34	15.80 0.12 -0.48	18.27 0.12 -0.33	18.43 0.13 -0.37	19.01 0.20 -0.43	19.22 0.22 -0.63	19.24 0.20 -0.66	19.10 0.18 -0.80	19.40 0.24 -0.73	20.43 0.28 -0.26	21.10 0.24 -0.61	23.21 0.29 -0.49	25.18 0.37 0.00	24.82 0.34 0.00	22.95 0.32 0.00	22.35 0.29 0.00	20.78 0.25 0.00	18.69 0.17 -0.17
NUMBER_THREE_WT_PWR 323818	18.70 0.20 -0.11	15.52 0.17 -0.13	14.67 0.11 -0.12	13.05 0.10 -0.15	14.42 0.10 -0.07	15.03 0.16 -0.07	15.42 0.14 -0.11	15.47 0.12 -0.15	18.04 0.13 -0.10	18.09 0.05 -0.11	18.64 0.13 -0.13	18.71 0.15 -0.19	18.63 0.06 -0.20	18.42 0.05 -0.24	18.67 0.02 -0.22	19.97 0.00 -0.08	20.46 0.02 -0.19	22.67 0.09 -0.15	25.01 0.20 0.00	24.77 0.29 0.00	22.97 0.34 0.00	22.38 0.31 0.00	20.78 0.25 0.00	18.59 0.18 -0.05
NYISO_LBMP_REFERENCE 24008	18.39 0.00 0.00	15.23 0.00 0.00	14.43 0.00 0.00	12.79 0.00 0.00	14.25 0.00 0.00	14.79 0.00 0.00	15.18 0.00 0.00	15.20 0.00 0.00	17.81 0.00 0.00	17.93 0.00 0.00	18.37 0.00 0.00	18.37 0.00 0.00	18.37 0.00 0.00	18.13 0.00 0.00	18.43 0.00 0.00	19.89 0.00 0.00	20.25 0.00 0.00	22.43 0.00 0.00	24.81 0.00 0.00	24.47 0.00 0.00	22.63 0.00 0.00	22.07 0.00 0.00	20.54 0.00 0.00	18.35 0.00 0.00
NYPA_BRENTWD__GT 24164	23.13 1.95 -2.79	20.16 1.60 -3.33	19.00 1.47 -3.09	18.08 1.31 -3.98	17.47 1.44 -1.77	18.18 1.48 -1.91	19.47 1.52 -2.77	20.55 1.52 -3.83	22.35 1.87 -2.66	22.79 1.86 -3.00	26.78 1.80 -6.60	27.07 1.80 -6.90	27.43 1.84 -7.22	28.08 1.79 -8.15	28.10 1.97 -7.69	27.75 2.23 -5.63	29.54 2.29 -7.01	31.67 2.53 -6.71	29.64 2.80 -2.03	28.21 2.74 -1.00	27.79 2.45 -2.71	27.78 2.41 -3.31	22.97 2.28 -0.16	21.71 1.93 -1.43
NYPA_GOWANUS__GT5 24156	22.72 1.55 -2.78	19.83 1.26 -3.33	18.69 1.17 -3.09	17.78 1.00 -3.98	17.11 1.08 -1.77	17.80 1.11 -1.90	19.11 1.17 -2.76	20.13 1.11 -3.82	21.82 1.35 -2.65	22.24 1.33 -2.99	23.28 1.40 -3.51	24.87 1.41 -5.08	25.23 1.49 -5.37	26.07 1.47 -6.48	25.98 1.62 -5.93	23.91 1.87 -2.15	32.34 1.92 -10.17	31.66 2.11 -7.12	32.41 2.31 -5.29	26.72 2.25 0.00	24.58 1.95 0.00	23.99 1.92 0.00	22.26 1.73 0.00	21.20 1.43 -1.41
NYPA_GOWANUS__GT6 24157	22.72 1.55 -2.78	19.83 1.26 -3.33	18.69 1.17 -3.09	17.78 1.00 -3.98	17.11 1.08 -1.77	17.80 1.11 -1.90	19.11 1.17 -2.76	20.13 1.11 -3.82	21.82 1.35 -2.65	22.24 1.33 -2.99	23.28 1.40 -3.51	24.87 1.41 -5.08	25.23 1.49 -5.37	26.07 1.47 -6.48	25.98 1.62 -5.93	23.91 1.87 -2.15	32.34 1.92 -10.17	31.66 2.11 -7.12	32.41 2.31 -5.29	26.72 2.25 0.00	24.58 1.95 0.00	23.99 1.92 0.00	22.26 1.73 0.00	21.20 1.43 -1.41
NYPA_HARLEM_RVR_GT1 24160	22.59 1.42 -2.78	19.75 1.19 -3.33	18.62 1.10 -3.09	17.72 0.95 -3.98	17.07 1.04 -1.77	17.75 1.05 -1.90	19.02 1.08 -2.76	20.01 0.99 -3.82	21.63 1.18 -2.65	22.07 1.16 -2.98	23.07 1.19 -3.50	24.66 1.21 -5.07	25.00 1.27 -5.36	25.83 1.25 -6.45	25.73 1.40 -5.90	23.64 1.61 -2.14	26.85 1.66 -4.94	28.17 1.82 -3.93	26.79 1.99 0.01	26.40 1.93 0.01	24.30 1.67 0.01	23.70 1.63 0.00	22.06 1.52 0.00	21.10 1.34 -1.41
NYPA_HARLEM_RVR_GT2 24161	22.59 1.42 -2.78	19.75 1.19 -3.33	18.62 1.10 -3.09	17.72 0.95 -3.98	17.07 1.04 -1.77	17.75 1.05 -1.90	19.02 1.08 -2.76	20.01 0.99 -3.82	21.63 1.18 -2.65	22.07 1.16 -2.98	23.07 1.19 -3.50	24.66 1.21 -5.07	25.00 1.27 -5.36	25.83 1.25 -6.45	25.73 1.40 -5.90	23.64 1.61 -2.14	26.85 1.66 -4.94	28.17 1.82 -3.93	26.79 1.99 0.01	26.40 1.93 0.01	24.30 1.67 0.01	23.70 1.63 0.00	22.06 1.52 0.00	21.10 1.34 -1.41
NYPA_KENT__GT 24152	22.67 1.49 -2.79	19.78 1.22 -3.33	18.65 1.13 -3.09	17.74 0.96 -3.98	17.08 1.05 -1.77	17.76 1.07 -1.90	19.06 1.12 -2.76	20.10 1.08 -3.82	21.78 1.32 -2.65	22.22 1.31 -2.99	23.24 1.36 -3.51	24.83 1.38 -5.08	25.18 1.43 -5.37	26.03 1.41 -6.49	25.96 1.59 -5.94	23.85 1.81 -2.15	29.67 1.86 -7.56	26.81 2.04 -2.34	24.40 2.23 2.65	26.65 2.18 0.00	24.54 1.90 0.00	23.94 1.87 0.00	22.20 1.66 0.00	21.14 1.38 -1.41
NYPA_POUCH1__GT 24155	22.70 1.53 -2.78	19.81 1.25 -3.33	18.68 1.16 -3.09	17.75 0.97 -3.98	17.10 1.07 -1.77	17.77 1.08 -1.90	19.06 1.12 -2.76	20.08 1.06 -3.82	21.77 1.30 -2.65	22.19 1.27 -2.99	23.22 1.34 -3.51	24.81 1.36 -5.08	25.18 1.43 -5.37	26.04 1.43 -6.48	25.93 1.57 -5.93	23.87 1.83 -2.15	33.11 1.86 -11.00	32.09 2.04 -7.62	33.17 2.23 -6.13	26.68 2.20 0.00	24.54 1.90 0.00	23.94 1.87 0.00	22.22 1.68 0.00	21.18 1.41 -1.41
NYPA_VERNON__GT2 24162	22.59 1.42 -2.78	19.73 1.17 -3.33	18.61 1.08 -3.09	17.71 0.93 -3.98	17.04 1.01 -1.77	17.73 1.04 -1.90	19.03 1.09 -2.76	20.07 1.05 -3.82	21.77 1.30 -2.65	22.21 1.29 -2.99	23.21 1.32 -3.51	24.79 1.34 -5.08	25.14 1.40 -5.37	25.96 1.38 -6.46	25.87 1.53 -5.91	23.79 1.75 -2.15	27.02 1.82 -4.95	28.36 2.00 -3.93	26.99 2.18 0.00	26.58 2.11 0.00	24.47 1.83 0.00	23.88 1.81 0.00	22.16 1.62 0.00	21.09 1.32 -1.41

NYPA_VERNON____GT3 24163	22.59	19.73	18.61	17.71	17.04	17.73	19.03	20.07	21.77	22.21	23.21	24.79	25.14	25.96	25.87	23.79	27.02	28.36	26.99	26.58	24.47	23.88	22.16	21.09
	1.42	1.17	1.08	0.93	1.01	1.04	1.09	1.05	1.30	1.29	1.32	1.34	1.40	1.38	1.53	1.75	1.82	2.00	2.18	2.11	1.83	1.81	1.62	1.32
	-2.78	-3.33	-3.09	-3.98	-1.77	-1.90	-2.76	-3.82	-2.65	-2.99	-3.51	-5.08	-5.37	-6.46	-5.91	-2.15	-4.95	-3.93	0.00	0.00	0.00	0.00	0.00	-1.41
NYPA____ASTORIA_CC1 323568	22.59	19.73	18.61	17.71	17.04	17.73	19.03	20.07	21.75	22.19	23.19	24.78	25.12	25.94	25.85	23.77	27.00	28.34	26.97	26.55	24.44	23.85	22.14	21.09
	1.42	1.17	1.08	0.93	1.01	1.04	1.09	1.05	1.28	1.27	1.30	1.32	1.38	1.36	1.51	1.73	1.80	1.97	2.16	2.08	1.81	1.79	1.60	1.32
	-2.78	-3.33	-3.09	-3.98	-1.77	-1.90	-2.76	-3.82	-2.65	-2.99	-3.51	-5.08	-5.37	-6.46	-5.91	-2.15	-4.95	-3.93	0.00	0.00	0.00	0.00	0.00	-1.41
NYPA____ASTORIA_CC2 323569	22.59	19.73	18.61	17.71	17.04	17.73	19.03	20.07	21.75	22.19	23.19	24.78	25.12	25.94	25.85	23.77	27.00	28.34	26.97	26.55	24.44	23.85	22.14	21.09
	1.42	1.17	1.08	0.93	1.01	1.04	1.09	1.05	1.28	1.27	1.30	1.32	1.38	1.36	1.51	1.73	1.80	1.97	2.16	2.08	1.81	1.79	1.60	1.32
	-2.78	-3.33	-3.09	-3.98	-1.77	-1.90	-2.76	-3.82	-2.65	-2.99	-3.51	-5.08	-5.37	-6.46	-5.91	-2.15	-4.95	-3.93	0.00	0.00	0.00	0.00	0.00	-1.41
NYPA____HOLTSVILL 23794	22.98	20.06	18.90	18.02	17.38	18.11	19.37	20.44	22.26	22.66	26.65	26.94	27.28	27.98	28.01	27.61	29.44	31.56	29.52	28.04	27.63	27.63	22.83	21.60
	1.80	1.49	1.37	1.24	1.35	1.41	1.43	1.41	1.78	1.74	1.67	1.67	1.69	1.70	1.88	2.09	2.19	2.42	2.68	2.57	2.29	2.25	2.14	1.82
	-2.79	-3.33	-3.09	-3.98	-1.77	-1.91	-2.77	-3.83	-2.66	-3.00	-6.60	-6.90	-7.22	-8.15	-7.69	-5.63	-7.01	-6.71	-2.03	-1.00	-2.71	-3.31	-0.16	-1.43
NYPA____HELLGATE_GT1 24158	22.59	19.75	18.62	17.72	17.07	17.75	19.02	20.01	21.63	22.07	23.07	24.66	25.00	25.83	25.73	23.64	26.85	28.17	26.79	26.40	24.30	23.70	22.06	21.10
	1.42	1.19	1.10	0.95	1.04	1.05	1.08	0.99	1.18	1.16	1.19	1.21	1.27	1.25	1.40	1.61	1.66	1.82	1.99	1.93	1.67	1.63	1.52	1.34
	-2.78	-3.33	-3.09	-3.98	-1.77	-1.90	-2.76	-3.82	-2.65	-2.98	-3.50	-5.07	-5.36	-6.45	-5.90	-2.14	-4.94	-3.93	0.01	0.01	0.01	0.00	0.00	-1.41
NYPA____HELLGATE_GT2 24159	22.59	19.75	18.62	17.72	17.07	17.75	19.02	20.01	21.63	22.07	23.07	24.66	25.00	25.83	25.73	23.64	26.85	28.17	26.79	26.40	24.30	23.70	22.06	21.10
	1.42	1.19	1.10	0.95	1.04	1.05	1.08	0.99	1.18	1.16	1.19	1.21	1.27	1.25	1.40	1.61	1.66	1.82	1.99	1.93	1.67	1.63	1.52	1.34
	-2.78	-3.33	-3.09	-3.98	-1.77	-1.90	-2.76	-3.82	-2.65	-2.98	-3.50	-5.07	-5.36	-6.45	-5.90	-2.14	-4.94	-3.93	0.01	0.01	0.01	0.00	0.00	-1.41
NYS_BARGE____HYD 23848	18.32	15.11	14.40	13.03	14.15	14.65	15.06	15.22	17.29	17.56	18.06	18.30	18.32	18.18	18.57	19.56	20.39	22.29	24.16	24.08	22.39	21.78	20.27	17.98
	-0.50	-0.63	-0.51	-0.37	-0.37	-0.43	-0.55	-0.56	-0.93	-0.82	-0.84	-0.84	-0.86	-0.92	-0.76	-0.66	-0.61	-0.74	-0.65	-0.39	-0.25	-0.29	-0.27	-0.59
	-0.42	-0.51	-0.47	-0.61	-0.27	-0.29	-0.42	-0.58	-0.41	-0.46	-0.53	-0.77	-0.81	-0.98	-0.89	-0.32	-0.75	-0.59	0.00	0.00	0.00	0.00	0.00	-0.21
OAK ORCHARD____HYD 24046	18.67	15.45	14.66	13.22	14.42	14.93	15.36	15.52	17.83	18.04	18.59	18.77	18.83	18.66	19.04	20.08	20.79	22.79	24.73	24.50	22.72	22.11	20.58	18.40
	-0.07	-0.20	-0.16	-0.08	-0.06	-0.10	-0.17	-0.17	-0.32	-0.27	-0.22	-0.24	-0.22	-0.27	-0.13	-0.08	-0.08	-0.13	-0.07	0.02	0.09	0.04	0.04	-0.13
	-0.35	-0.42	-0.39	-0.50	-0.22	-0.24	-0.35	-0.48	-0.33	-0.38	-0.44	-0.63	-0.67	-0.81	-0.74	-0.27	-0.62	-0.49	0.00	0.00	0.00	0.00	0.00	-0.18
OAKDALE__35_KV_LOAD 356122	19.35	16.33	15.46	14.11	14.87	15.46	16.09	16.45	18.66	18.88	19.53	20.05	20.12	20.18	20.42	20.77	22.01	23.89	25.18	24.86	23.02	22.44	20.80	18.87
	0.07	0.05	0.04	0.05	0.06	0.06	0.03	0.03	0.00	0.00	0.06	0.07	0.06	0.02	0.13	0.20	0.20	0.22	0.37	0.39	0.38	0.38	0.27	0.07
	-0.88	-1.06	-0.98	-1.27	-0.56	-0.61	-0.88	-1.22	-0.85	-0.95	-1.10	-1.60	-1.69	-2.03	-1.86	-0.68	-1.56	-1.24	0.00	0.00	0.00	0.00	0.00	-0.44
OCC_CHEM____DRP 24175	18.02	15.02	14.32	12.98	14.07	14.57	14.93	15.01	17.05	17.30	17.82	18.11	18.09	17.95	18.33	19.27	20.09	21.94	23.69	23.59	21.89	21.34	19.67	17.69
	-0.81	-0.73	-0.59	-0.43	-0.46	-0.52	-0.68	-0.79	-1.18	-1.09	-1.10	-1.05	-1.12	-1.18	-1.01	-0.95	-0.93	-1.10	-1.12	-0.88	-0.75	-0.73	-0.86	-0.88
	-0.44	-0.52	-0.48	-0.62	-0.28	-0.30	-0.43	-0.60	-0.42	-0.47	-0.54	-0.79	-0.83	-1.00	-0.92	-0.33	-0.77	-0.61	0.00	0.00	0.00	0.00	0.00	-0.22
OH_GEN_PROXY 24063	18.23	15.06	14.35	13.00	14.10	14.60	15.00	15.17	17.28	17.53	18.03	18.27	18.32	18.17	18.54	19.52	20.32	22.23	24.01	23.89	22.20	21.79	19.91	17.87
	-0.59	-0.69	-0.56	-0.41	-0.43	-0.49	-0.61	-0.62	-0.94	-0.86	-0.88	-0.88	-0.88	-0.94	-0.79	-0.70	-0.69	-0.81	-0.79	-0.59	-0.43	-0.46	-0.43	-0.70
	-0.43	-0.52	-0.48	-0.62	-0.27	-0.30	-0.43	-0.59	-0.41	-0.46	-0.54	-0.78	-0.82	-0.99	-0.91	-0.33	-0.76	-0.60	0.00	0.00	0.00	-0.19	0.19	-0.22
OLIN_CORP_DRP 24177	17.97	14.93	14.23	12.90	13.98	14.49	14.87	15.05	17.09	17.36	17.86	18.16	18.13	17.99	18.38	19.31	20.15	22.01	23.79	23.71	22.00	21.45	19.76	17.73
	-0.86	-0.82	-0.69	-0.52	-0.56	-0.61	-0.74	-0.76	-1.14	-1.04	-1.07	-1.01	-1.08	-1.14	-0.98	-0.91	-0.87	-1.03	-1.02	-0.76	-0.63	-0.62	-0.78	-0.84
	-0.44	-0.53	-0.49	-0.63	-0.28	-0.30	-0.44	-0.60	-0.42	-0.47	-0.55	-0.79	-0.84	-1.01	-0.92	-0.34	-0.77	-0.62	0.00	0.00	0.00	0.00	0.00	-0.22
OLIN_CORP_DSASP 323712	18.13	15.02	14.31	12.98	14.07	14.57	14.93	15.01	17.05	17.30	17.82	18.04	18.09	17.95	18.33	19.27	20.09	21.94	23.69	23.59	21.93	21.34	19.88	17.69
	-0.70	-0.73	-0.61	-0.44	-0.46	-0.52	-0.68	-0.79	-1.18	-1.09	-1.10	-1.12	-1.12	-1.18	-1.01	-0.95	-0.93	-1.10	-1.12	-0.88	-0.70	-0.73	-0.66	-0.88
	-0.44	-0.52	-0.48	-0.62	-0.28	-0.30	-0.43	-0.60	-0.42	-0.47	-0.54	-0.79	-0.83	-1.00	-0.92	-0.33	-0.77	-0.61	0.00	0.00	0.00	0.00	0.00	-0.22
ONEIDA_HERK_LFGE 323681	18.80	15.59	14.74	13.09	14.49	15.09	15.50	15.56	18.15	18.24	18.77	18.86	18.81	18.60	18.87	20.22	20.68	22.90	25.23	24.96	23.11	22.51	20.91	18.69
	0.31	0.24	0.20	0.17	0.17	0.24	0.23	0.23	0.25	0.22	0.28	0.31	0.26	0.25	0.24	0.26	0.26	0.34	0.42	0.49	0.48	0.44	0.37	0.29
	-0.09	-0.11	-0.10	-0.13	-0.06	-0.06	-0.09	-0.13	-0.09	-0.10	-0.12	-0.17	-0.18	-0.22	-0.20	-0.07	-0.17	-0.13	0.00	0.00	0.00	0.00	0.00	-0.05
ONEIDA____115KV_TB4 55905	18.99	15.77	14.92	13.28	14.62	15.23	15.65	15.72	18.31	18.41	18.97	19.10	19.08	18.88	19.17	20.46	20.99	23.16	25.43	25.11	23.24	22.64	21.03	18.83
	0.42	0.34	0.30	0.24	0.26	0.33	0.30	0.29	0.34	0.30	0.39	0.42	0.39	0.36	0.39	0.44	0.45	0.49	0.62	0.64	0.61	0.57	0.49	0.39
	-0.17	-0.20	-0.19	-0.24	-0.11	-0.12	-0.17	-0.23	-0.16	-0.18	-0.21	-0.31	-0.32	-0.39	-0.36	-0.13	-0.30	-0.24	0.00	0.00	0.00	0.00	0.00	-0.09

ONONDAGA_REF_OCCRA 23987	18.67 -0.04 -0.31	15.56 -0.05 -0.37	14.74 -0.04 -0.35	13.20 -0.04 -0.45	14.41 -0.04 -0.20	14.96 -0.04 -0.21	15.43 -0.06 -0.31	15.57 -0.06 -0.43	18.02 -0.09 -0.30	18.19 -0.07 -0.34	18.75 -0.02 -0.39	18.94 0.00 -0.57	18.97 0.00 -0.60	18.81 -0.04 -0.72	19.11 0.02 -0.66	20.15 0.02 -0.24	20.80 0.00 -0.55	22.87 0.00 -0.44	24.86 0.05 0.00	24.50 0.02 0.00	22.66 0.02 0.00	22.07 0.00 0.00	20.54 0.00 0.00	18.46 -0.06 -0.16
ONONDAGA___COGEN 23986	18.68 0.00 -0.29	15.56 -0.02 -0.35	14.74 -0.01 -0.32	13.20 -0.01 -0.42	14.44 0.00 -0.19	14.99 0.00 -0.20	15.45 -0.02 -0.29	15.59 -0.02 -0.40	18.06 -0.04 -0.28	18.20 -0.04 -0.31	18.78 0.04 -0.36	18.94 0.04 -0.53	18.97 0.04 -0.56	18.81 0.02 -0.67	19.10 0.06 -0.61	20.19 0.08 -0.22	20.80 0.04 -0.51	22.86 0.02 -0.41	24.88 0.07 0.00	24.50 0.02 0.00	22.66 0.02 0.00	22.09 0.02 0.00	20.56 0.02 0.00	18.48 -0.02 -0.15
ONTARIO___LFGE 23819	18.89 0.09 -0.41	15.70 -0.02 -0.49	14.89 0.00 -0.45	13.39 0.01 -0.59	14.54 0.03 -0.26	15.12 0.04 -0.28	15.60 0.02 -0.41	15.76 0.00 -0.56	18.13 -0.07 -0.39	18.30 -0.07 -0.44	18.89 0.00 -0.51	19.10 -0.02 -0.74	19.14 -0.02 -0.78	19.00 -0.07 -0.94	19.35 0.06 -0.86	20.34 0.14 -0.31	21.11 0.14 -0.72	23.18 0.18 -0.57	25.18 0.37 0.00	24.89 0.42 0.00	23.04 0.41 0.00	22.42 0.35 0.00	20.84 0.31 0.00	18.60 0.04 -0.21
ORANGEVILLE_WT_PWR 323706	18.58 -0.33 -0.52	15.40 -0.46 -0.62	14.64 -0.38 -0.58	13.28 -0.26 -0.75	14.33 -0.26 -0.33	14.84 -0.31 -0.36	15.29 -0.41 -0.52	15.51 -0.41 -0.72	17.62 -0.69 -0.50	17.86 -0.63 -0.56	18.38 -0.64 -0.65	18.60 -0.72 -0.94	18.65 -0.72 -1.00	18.51 -0.82 -1.20	18.88 -0.65 -1.10	19.75 -0.54 -0.40	20.68 -0.49 -0.92	22.60 -0.56 -0.73	24.48 -0.32 0.00	24.42 -0.05 0.00	22.70 0.07 0.00	22.09 0.02 0.00	20.49 -0.04 0.00	18.20 -0.42 -0.26
ORANGEVILLE___ESR 323794	18.58 -0.33 -0.52	15.40 -0.46 -0.62	14.64 -0.38 -0.58	13.28 -0.26 -0.75	14.33 -0.26 -0.33	14.84 -0.31 -0.36	15.29 -0.41 -0.52	15.51 -0.41 -0.72	17.62 -0.69 -0.50	17.86 -0.63 -0.56	18.38 -0.64 -0.65	18.60 -0.72 -0.94	18.65 -0.72 -1.00	18.51 -0.82 -1.20	18.88 -0.65 -1.10	19.75 -0.54 -0.40	20.68 -0.49 -0.92	22.60 -0.56 -0.73	24.48 -0.32 0.00	24.42 -0.05 0.00	22.70 0.07 0.00	22.09 0.02 0.00	20.49 -0.04 0.00	18.20 -0.42 -0.26
OSWEGATCHIE___HYD 24044	18.23 -0.24 -0.08	15.14 -0.18 -0.09	14.32 -0.20 -0.09	12.73 -0.18 -0.11	14.09 -0.21 -0.05	14.67 -0.18 -0.05	15.08 -0.18 -0.08	15.13 -0.18 -0.11	17.66 -0.23 -0.07	17.72 -0.29 -0.08	18.21 -0.26 -0.10	18.24 -0.28 -0.14	18.19 -0.33 -0.15	17.98 -0.33 -0.18	18.19 -0.41 -0.16	19.51 -0.44 -0.06	19.96 -0.43 -0.14	22.14 -0.40 -0.11	24.36 -0.45 0.00	24.13 -0.34 0.00	22.36 -0.27 0.00	21.78 -0.29 0.00	20.25 -0.29 0.00	18.17 -0.22 -0.04
OSWEGO___5 23606	18.32 -0.28 -0.21	15.22 -0.26 -0.25	14.42 -0.25 -0.23	12.87 -0.22 -0.30	14.16 -0.23 -0.13	14.70 -0.24 -0.14	15.13 -0.26 -0.21	15.23 -0.26 -0.29	17.67 -0.34 -0.20	17.83 -0.32 -0.22	18.34 -0.29 -0.26	18.45 -0.29 -0.37	18.48 -0.29 -0.40	18.29 -0.31 -0.48	18.57 -0.30 -0.44	19.71 -0.34 -0.16	20.25 -0.36 -0.37	22.32 -0.40 -0.29	24.39 -0.42 0.00	24.06 -0.42 0.00	22.27 -0.36 0.00	21.69 -0.38 0.00	20.21 -0.33 0.00	18.15 -0.31 -0.10
OSWEGO___6 23613	18.32 -0.28 -0.21	15.22 -0.26 -0.25	14.42 -0.25 -0.23	12.87 -0.22 -0.30	14.16 -0.23 -0.13	14.70 -0.24 -0.14	15.13 -0.26 -0.21	15.23 -0.26 -0.29	17.67 -0.34 -0.20	17.83 -0.32 -0.22	18.34 -0.29 -0.26	18.45 -0.29 -0.37	18.48 -0.29 -0.40	18.29 -0.31 -0.48	18.57 -0.30 -0.44	19.71 -0.34 -0.16	20.25 -0.36 -0.37	22.32 -0.40 -0.29	24.39 -0.42 0.00	24.06 -0.42 0.00	22.27 -0.36 0.00	21.69 -0.38 0.00	20.21 -0.33 0.00	18.15 -0.31 -0.10
OUTOKUMPU-AB___DRP 24206	18.34 -0.50 -0.44	15.26 -0.50 -0.53	14.54 -0.39 -0.49	13.16 -0.27 -0.64	14.28 -0.26 -0.28	14.79 -0.31 -0.30	15.18 -0.44 -0.44	15.31 -0.50 -0.61	17.40 -0.84 -0.42	17.67 -0.74 -0.48	18.18 -0.75 -0.55	18.48 -0.70 -0.80	18.45 -0.77 -0.85	18.29 -0.85 -1.02	18.70 -0.66 -0.93	19.67 -0.56 -0.34	20.55 -0.49 -0.78	22.42 -0.63 -0.62	24.31 -0.50 0.00	24.25 -0.22 0.00	22.48 -0.16 0.00	21.93 -0.13 0.00	20.19 -0.35 0.00	18.06 -0.51 -0.22
OXBOW____ 24026	18.34 -0.50 -0.44	15.16 -0.59 -0.53	14.46 -0.46 -0.49	13.09 -0.33 -0.63	14.21 -0.33 -0.28	14.71 -0.38 -0.30	15.08 -0.53 -0.44	15.20 -0.61 -0.60	17.25 -0.98 -0.42	17.52 -0.88 -0.47	18.02 -0.90 -0.55	18.27 -0.90 -0.79	18.30 -0.92 -0.84	18.16 -0.98 -1.01	18.54 -0.81 -0.92	19.51 -0.72 -0.34	20.36 -0.67 -0.77	22.24 -0.81 -0.62	24.06 -0.74 0.00	23.98 -0.49 0.00	22.29 -0.34 0.00	21.69 -0.38 0.00	20.19 -0.35 0.00	17.92 -0.66 -0.22
OXY_CHEM_DSASP 323612	18.02 -0.81 -0.44	15.02 -0.73 -0.52	14.32 -0.59 -0.48	12.98 -0.43 -0.62	14.07 -0.46 -0.28	14.57 -0.52 -0.30	14.93 -0.68 -0.43	15.01 -0.79 -0.60	17.05 -1.18 -0.42	17.30 -1.09 -0.47	17.82 -1.10 -0.54	18.11 -1.05 -0.79	18.09 -1.12 -0.83	17.95 -1.18 -1.00	18.33 -1.01 -0.92	19.27 -0.95 -0.33	20.09 -0.93 -0.77	21.94 -1.10 -0.61	23.69 -1.12 0.00	23.59 -0.88 0.00	21.89 -0.75 0.00	21.34 -0.73 0.00	19.67 -0.86 0.00	17.69 -0.88 -0.22
OZONE_PARK_ESR 323760	22.64 1.47 -2.78	19.77 1.22 -3.32	18.64 1.13 -3.08	17.73 0.96 -3.98	17.07 1.05 -1.76	17.77 1.08 -1.90	19.11 1.17 -2.76	20.17 1.16 -3.82	21.87 1.41 -2.65	22.33 1.42 -2.99	23.33 1.45 -3.51	24.92 1.47 -5.08	25.27 1.53 -5.37	26.07 1.49 -6.46	26.02 1.68 -5.91	23.93 1.89 -2.15	27.16 1.96 -4.95	28.52 2.15 -3.93	27.19 2.38 0.00	26.77 2.30 0.00	24.65 2.01 0.00	24.03 1.96 0.00	22.42 1.89 0.00	21.16 1.39 -1.41
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	18.02 -0.81 -0.44	15.02 -0.73 -0.52	14.32 -0.59 -0.48	12.98 -0.43 -0.62	14.07 -0.46 -0.28	14.57 -0.52 -0.30	14.93 -0.68 -0.43	15.01 -0.79 -0.60	17.05 -1.18 -0.42	17.30 -1.09 -0.47	17.82 -1.10 -0.54	18.11 -1.05 -0.79	18.09 -1.12 -0.83	17.95 -1.18 -1.00	18.33 -1.01 -0.92	19.27 -0.95 -0.33	20.09 -0.93 -0.77	21.94 -1.10 -0.61	23.69 -1.12 0.00	23.59 -0.88 0.00	21.89 -0.75 0.00	21.34 -0.73 0.00	19.67 -0.86 0.00	17.69 -0.88 -0.22
PACKARD___115KV_DUPONT_184 80571	18.02 -0.81 -0.44	15.02 -0.73 -0.52	14.32 -0.59 -0.48	12.98 -0.43 -0.62	14.07 -0.46 -0.28	14.57 -0.52 -0.30	14.93 -0.68 -0.43	15.01 -0.79 -0.60	17.05 -1.18 -0.42	17.30 -1.09 -0.47	17.82 -1.10 -0.54	18.11 -1.05 -0.79	18.09 -1.12 -0.83	17.95 -1.18 -1.00	18.33 -1.01 -0.92	19.27 -0.95 -0.33	20.09 -0.93 -0.77	21.94 -1.10 -0.61	23.69 -1.12 0.00	23.59 -0.88 0.00	21.89 -0.75 0.00	21.34 -0.73 0.00	19.67 -0.86 0.00	17.69 -0.88 -0.22
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	22.62 1.45 -2.78	19.77 1.20 -3.33	18.63 1.11 -3.09	17.72 0.95 -3.98	17.07 1.04 -1.77	17.76 1.07 -1.90	19.02 1.08 -2.76	20.02 1.00 -3.82	21.68 1.21 -2.65	22.11 1.20 -2.99	23.11 1.23 -3.51	24.70 1.25 -5.08	25.05 1.30 -5.37	25.87 1.29 -6.46	25.79 1.46 -5.91	23.71 1.67 -2.15	26.92 1.72 -4.95	28.25 1.88 -3.93	26.87 2.06 0.00	26.46 1.98 0.00	24.35 1.72 0.00	23.77 1.70 0.00	22.32 1.79 0.00	21.12 1.36 -1.41

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	22.79 1.62 -2.78	19.92 1.36 -3.33	18.78 1.26 -3.09	17.81 1.04 -3.98	17.17 1.14 -1.77	17.91 1.21 -1.90	19.20 1.26 -2.76	20.17 1.16 -3.82	21.86 1.39 -2.65	22.28 1.36 -2.99	23.28 1.40 -3.51	24.89 1.43 -5.08	25.23 1.49 -5.37	26.07 1.49 -6.46	26.00 1.66 -5.91	23.93 1.89 -2.15	27.16 1.96 -4.95	28.52 2.15 -3.93	27.19 2.38 0.00	26.77 2.30 0.00	24.63 1.99 0.00	24.03 1.96 0.00	22.59 2.05 0.00	21.34 1.58 -1.41
PATROON__115KV_TB1 80586	22.53 0.66 -3.47	19.90 0.52 -4.16	18.82 0.53 -3.85	18.30 0.54 -4.97	17.09 0.63 -2.21	17.81 0.64 -2.38	19.25 0.62 -3.45	20.59 0.62 -4.77	21.82 0.69 -3.31	21.21 0.72 -2.56	21.88 0.70 -2.81	22.55 0.70 -3.48	23.82 0.68 -4.76	23.14 0.67 -4.35	25.40 0.72 -6.25	23.33 0.80 -2.65	27.15 0.79 -6.11	28.16 0.87 -4.85	23.97 0.97 1.81	25.43 0.95 0.00	23.52 0.88 0.00	22.93 0.86 0.00	21.40 0.86 0.00	20.74 0.64 -1.74
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	18.07 -0.81 -0.48	15.03 -0.78 -0.58	14.29 -0.68 -0.54	12.96 -0.52 -0.69	14.00 -0.56 -0.31	14.52 -0.61 -0.33	14.95 -0.71 -0.48	15.15 -0.71 -0.66	17.22 -1.05 -0.46	17.48 -0.97 -0.52	18.00 -0.97 -0.60	18.31 -0.94 -0.87	18.29 -1.01 -0.92	18.17 -1.07 -1.11	18.58 -0.87 -1.02	19.48 -0.78 -0.37	20.41 -0.69 -0.85	22.30 -0.81 -0.68	24.46 -0.35 0.00	24.42 -0.05 0.00	22.61 -0.02 0.00	22.04 -0.02 0.00	20.25 -0.29 0.00	17.83 -0.77 -0.24
PAWLING_115_KV_BK3_REV_LBMP_H 345028	22.51 1.31 -2.81	19.68 1.08 -3.36	18.56 1.01 -3.12	17.67 0.86 -4.02	16.95 0.91 -1.79	17.65 0.93 -1.92	18.97 1.00 -2.79	20.04 0.97 -3.86	21.73 1.23 -2.69	22.22 1.27 -3.02	23.23 1.30 -3.55	24.82 1.30 -5.14	25.11 1.30 -5.43	25.93 1.27 -6.53	25.79 1.38 -5.97	23.61 1.55 -2.17	26.88 1.62 -5.01	28.23 1.82 -3.98	26.74 1.94 0.00	26.43 1.96 0.00	24.40 1.77 0.00	23.83 1.77 0.00	22.16 1.62 0.00	21.03 1.25 -1.43
PEEKSKILL____ 23653	22.30 1.16 -2.75	19.48 0.96 -3.29	18.36 0.88 -3.05	17.50 0.77 -3.94	16.83 0.83 -1.75	17.52 0.84 -1.88	18.82 0.91 -2.73	19.88 0.90 -3.78	21.56 1.12 -2.63	22.01 1.13 -2.96	23.01 1.16 -3.47	24.58 1.18 -5.03	24.90 1.21 -5.32	25.69 1.18 -6.39	25.61 1.33 -5.85	23.53 1.51 -2.12	26.73 1.58 -4.90	28.05 1.73 -3.89	26.69 1.88 0.00	26.31 1.84 0.00	24.26 1.63 0.00	23.68 1.61 0.00	21.95 1.42 0.00	20.85 1.10 -1.40
PGE MADISON__WINDPWR 24146	20.50 1.27 -0.84	17.24 1.00 -1.01	16.26 0.90 -0.94	14.78 0.78 -1.21	15.62 0.83 -0.54	16.32 0.95 -0.58	16.91 0.90 -0.84	17.24 0.88 -1.16	19.60 0.98 -0.81	19.71 0.88 -0.91	20.46 1.03 -1.05	20.93 1.03 -1.52	20.90 0.92 -1.61	20.93 0.87 -1.94	21.11 0.90 -1.77	21.63 1.09 -0.64	22.89 1.15 -1.49	24.93 1.32 -1.18	26.57 1.76 0.00	26.31 1.84 0.00	24.44 1.81 0.00	23.74 1.68 0.00	22.02 1.48 0.00	19.92 1.14 -0.42
PIERCEFIELD__HYD 23852	17.88 -0.51 0.00	14.80 -0.43 0.00	14.03 -0.40 0.00	12.40 -0.40 0.00	13.80 -0.46 0.00	14.38 -0.41 0.00	14.80 -0.38 0.00	14.84 -0.36 0.00	17.37 -0.45 0.00	17.44 -0.48 0.00	17.86 -0.51 0.00	17.82 -0.55 0.00	17.79 -0.59 0.00	17.58 -0.54 0.00	17.77 -0.66 0.00	19.17 -0.72 0.00	19.56 -0.69 0.00	21.71 -0.72 0.00	23.92 -0.89 0.00	23.64 -0.83 0.00	21.89 -0.75 0.00	21.32 -0.75 0.00	19.86 -0.68 0.00	17.84 -0.51 0.00
PINELAWN_CC_1 323563	23.02 1.84 -2.79	20.07 1.51 -3.33	18.91 1.39 -3.09	18.02 1.24 -3.98	17.38 1.35 -1.77	18.08 1.38 -1.91	19.39 1.44 -2.77	20.47 1.44 -3.83	22.22 1.75 -2.66	22.66 1.74 -3.00	26.65 1.67 -6.60	26.94 1.67 -6.90	27.30 1.71 -7.22	27.95 1.67 -8.15	27.99 1.86 -7.70	27.63 2.11 -5.63	29.44 2.19 -7.01	31.54 2.40 -6.71	29.52 2.68 -2.03	28.06 2.59 -1.00	27.68 2.33 -2.71	27.67 2.29 -3.31	22.83 2.14 -0.16	21.59 1.80 -1.43
PJM_GEN_HTP_PROXY 323702	22.49 1.33 -2.78	19.64 1.08 -3.32	18.51 1.00 -3.08	17.63 0.86 -3.98	16.94 0.93 -1.76	17.67 0.98 -1.90	18.99 1.05 -2.76	20.05 1.03 -3.82	21.75 1.28 -2.65	22.21 1.29 -2.99	23.19 1.30 -3.51	24.78 1.32 -5.08	25.12 1.38 -5.37	25.92 1.34 -6.46	25.85 1.51 -5.91	23.75 1.71 -2.15	26.98 1.78 -4.95	28.32 1.95 -3.93	26.97 2.16 0.00	26.55 2.08 0.00	24.44 1.81 0.00	24.04 1.79 -0.19	21.93 1.58 0.19	21.01 1.25 -1.41
PJM_GEN_KEystone 24065	19.46 0.24 -0.83	17.42 0.14 -2.05	15.90 0.14 -1.32	15.12 0.14 -2.19	15.05 0.16 -0.64	15.14 0.15 -0.20	16.03 0.14 -0.71	17.68 0.12 -2.36	19.58 0.13 -1.64	19.91 0.14 -1.84	20.70 0.17 -2.16	21.67 0.17 -3.13	21.88 0.20 -3.31	22.23 0.13 -3.98	22.38 0.31 -3.64	21.67 0.46 -1.32	23.80 0.51 -3.05	25.39 0.54 -2.42	25.53 0.72 0.00	25.23 0.76 0.00	23.34 0.70 0.00	22.94 0.68 -0.19	20.88 0.53 0.19	19.43 0.20 -0.87
PJM_GEN_NEPTUNE_PROXY 323594	22.74 1.56 -2.79	19.84 1.28 -3.33	18.72 1.20 -3.09	17.83 1.05 -3.98	17.17 1.14 -1.77	17.87 1.17 -1.91	19.19 1.24 -2.77	20.26 1.23 -3.83	21.99 1.51 -2.66	22.45 1.52 -3.00	26.39 1.41 -6.60	26.71 1.43 -6.90	27.07 1.47 -7.22	27.71 1.43 -8.15	27.71 1.59 -7.69	27.33 1.81 -5.63	29.12 1.86 -7.01	31.18 2.04 -6.71	29.10 2.26 -2.03	27.65 2.18 -1.00	27.29 1.95 -2.71	27.48 1.92 -3.50	22.29 1.79 0.03	21.29 1.51 -1.43
PJM_GEN_VFT_PROXY 323633	22.42 1.25 -2.78	19.59 1.04 -3.32	18.47 0.95 -3.08	17.58 0.81 -3.98	16.90 0.88 -1.76	17.63 0.93 -1.90	18.94 1.00 -2.76	20.02 1.00 -3.82	21.69 1.23 -2.65	22.15 1.24 -2.99	23.13 1.25 -3.51	24.72 1.27 -5.08	25.07 1.32 -5.37	25.87 1.29 -6.46	25.81 1.48 -5.91	23.71 1.67 -2.15	26.96 1.76 -4.95	28.27 1.91 -3.93	26.92 2.11 0.00	26.48 2.01 0.00	24.40 1.77 0.00	23.98 1.72 -0.19	21.87 1.52 0.19	20.94 1.18 -1.41
PLATSBRG_115KV_PMLD1 355749	18.54 0.15 0.00	15.32 0.09 0.00	14.55 0.12 0.00	12.91 0.12 0.00	14.37 0.11 0.00	14.90 0.10 0.00	15.36 0.18 0.00	15.40 0.20 0.00	18.01 0.20 0.00	18.07 0.14 0.00	18.47 0.09 0.00	18.39 0.02 0.00	18.37 0.00 0.00	18.16 0.04 0.00	18.39 -0.04 0.00	19.85 -0.04 0.00	20.29 0.04 0.00	22.54 0.11 0.00	24.76 -0.05 0.00	24.45 -0.02 0.00	22.61 -0.02 0.00	22.04 -0.02 0.00	20.56 0.02 0.00	18.45 0.09 0.00
PLEASANTVLY__LBMP 24000	22.37 1.09 -2.89	19.59 0.90 -3.46	18.48 0.84 -3.21	17.66 0.73 -4.14	16.89 0.80 -1.84	17.59 0.81 -1.98	18.92 0.87 -2.87	20.04 0.87 -3.97	21.64 1.07 -2.76	22.11 1.08 -3.11	23.12 1.08 -3.66	24.77 1.10 -5.29	25.09 1.12 -5.60	25.94 1.09 -6.73	25.81 1.22 -6.16	23.52 1.39 -2.24	26.83 1.42 -5.16	28.10 1.57 -4.10	26.54 1.74 0.00	26.14 1.66 0.00	24.13 1.49 0.00	23.54 1.48 0.00	21.93 1.40 0.00	20.85 1.03 -1.47
PLSNTVLE_13_KV_13.8KVDIST 80602	22.42 1.23 -2.80	19.60 1.02 -3.35	18.48 0.94 -3.10	17.62 0.82 -4.01	16.91 0.88 -1.78	17.63 0.92 -1.92	18.93 0.97 -2.78	20.02 0.97 -3.85	21.68 1.19 -2.67	22.14 1.20 -3.01	23.14 1.23 -3.53	24.76 1.27 -5.12	25.09 1.30 -5.41	25.90 1.27 -6.50	25.78 1.40 -5.95	23.64 1.59 -2.16	26.90 1.66 -4.99	28.21 1.82 -3.96	26.79 1.98 0.00	26.41 1.93 0.00	24.35 1.72 0.00	23.77 1.70 0.00	22.14 1.60 0.00	20.95 1.17 -1.42

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	22.42 1.23 -2.80	19.60 1.02 -3.35	18.48 0.94 -3.10	17.62 0.82 -4.01	16.91 0.88 -1.78	17.63 0.92 -1.92	18.93 0.97 -2.78	20.02 0.97 -3.85	21.68 1.19 -2.67	22.14 1.20 -3.01	23.14 1.23 -3.53	24.76 1.27 -5.12	25.09 1.30 -5.41	25.90 1.27 -6.50	25.78 1.40 -5.95	23.64 1.59 -2.16	26.90 1.66 -4.99	28.21 1.82 -3.96	26.79 1.98 0.00	26.41 1.93 0.00	24.35 1.72 0.00	23.77 1.70 0.00	22.14 1.60 0.00	20.95 1.17 -1.42
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	22.41 1.18 -2.84	19.61 0.97 -3.41	18.51 0.92 -3.16	17.66 0.79 -4.07	16.92 0.86 -1.81	17.61 0.87 -1.95	18.93 0.93 -2.83	20.04 0.93 -3.91	21.67 1.14 -2.72	22.13 1.15 -3.06	23.12 1.16 -3.59	24.73 1.16 -5.19	25.04 1.18 -5.49	25.87 1.14 -6.60	25.76 1.29 -6.04	23.54 1.45 -2.20	26.83 1.52 -5.06	28.11 1.66 -4.02	26.67 1.86 0.00	26.28 1.81 0.00	24.29 1.65 0.00	23.70 1.63 0.00	22.06 1.52 0.00	20.92 1.12 -1.44
POLETTI____ 23519	22.35 1.27 -2.69	19.60 1.05 -3.32	18.50 0.98 -3.08	17.61 0.84 -3.98	16.93 0.91 -1.76	17.64 0.95 -1.90	18.96 1.02 -2.76	20.04 1.02 -3.82	21.70 1.25 -2.64	22.15 1.25 -2.97	22.62 1.27 -2.98	22.62 1.29 -2.96	22.62 1.34 -2.90	22.62 1.31 -3.19	22.62 1.47 -2.71	22.62 1.69 -1.04	22.62 1.76 -0.61	23.93 1.91 0.41	22.62 2.11 4.30	22.62 2.03 3.88	22.64 1.79 1.78	23.00 1.74 0.81	22.20 1.66 0.00	20.98 1.21 -1.41
PORT_JEFF_3 23555	23.04 1.86 -2.79	20.10 1.54 -3.33	18.92 1.40 -3.09	18.05 1.27 -3.98	17.42 1.40 -1.77	18.14 1.43 -1.91	19.41 1.46 -2.77	20.49 1.46 -3.83	22.29 1.82 -2.66	22.72 1.79 -3.00	26.70 1.73 -6.60	27.00 1.73 -6.90	27.34 1.75 -7.22	28.06 1.78 -8.15	28.06 1.93 -7.69	27.67 2.15 -5.63	29.52 2.27 -7.01	31.63 2.49 -6.71	29.62 2.78 -2.03	28.14 2.67 -1.00	27.70 2.35 -2.71	27.69 2.32 -3.31	22.89 2.20 -0.16	21.66 1.87 -1.43
PORT_JEFF_4 23616	23.04 1.86 -2.79	20.10 1.54 -3.33	18.92 1.40 -3.09	18.05 1.27 -3.98	17.42 1.40 -1.77	18.14 1.43 -1.91	19.41 1.46 -2.77	20.49 1.46 -3.83	22.29 1.82 -2.66	22.72 1.79 -3.00	26.70 1.73 -6.60	27.00 1.73 -6.90	27.34 1.75 -7.22	28.06 1.78 -8.15	28.06 1.93 -7.69	27.67 2.15 -5.63	29.52 2.27 -7.01	31.63 2.49 -6.71	29.62 2.78 -2.03	28.14 2.67 -1.00	27.70 2.35 -2.71	27.69 2.32 -3.31	22.89 2.20 -0.16	21.66 1.87 -1.43
PORT_JEFF_IC 23713	23.06 1.88 -2.79	20.12 1.55 -3.33	18.94 1.42 -3.09	18.07 1.29 -3.98	17.45 1.43 -1.77	18.15 1.45 -1.91	19.42 1.47 -2.77	20.50 1.47 -3.83	22.31 1.84 -2.66	22.73 1.81 -3.00	26.72 1.75 -6.60	27.04 1.76 -6.90	27.38 1.78 -7.22	28.09 1.81 -8.15	28.12 1.99 -7.69	27.71 2.19 -5.63	29.56 2.31 -7.01	31.70 2.56 -6.71	29.67 2.83 -2.03	28.19 2.72 -1.00	27.74 2.40 -2.71	27.74 2.36 -3.31	22.93 2.24 -0.16	21.68 1.89 -1.43
PPL PILGRIM_ST_GT1 24216	23.13 1.95 -2.79	20.16 1.60 -3.33	19.00 1.47 -3.09	18.08 1.31 -3.98	17.47 1.44 -1.77	18.18 1.48 -1.91	19.47 1.52 -2.77	20.55 1.52 -3.83	22.35 1.87 -2.66	22.79 1.86 -3.00	26.78 1.80 -6.60	27.07 1.80 -6.90	27.43 1.84 -7.22	28.08 1.79 -8.15	28.10 1.97 -7.69	27.75 2.23 -5.63	29.54 2.29 -7.01	31.67 2.53 -6.71	29.64 2.80 -2.03	28.21 2.74 -1.00	27.79 2.45 -2.71	27.78 2.41 -3.31	22.97 2.28 -0.16	21.71 1.93 -1.43
PPL PILGRIM_ST_GT2 24217	23.13 1.95 -2.79	20.16 1.60 -3.33	19.00 1.47 -3.09	18.08 1.31 -3.98	17.47 1.44 -1.77	18.18 1.48 -1.91	19.47 1.52 -2.77	20.55 1.52 -3.83	22.35 1.87 -2.66	22.79 1.86 -3.00	26.78 1.80 -6.60	27.07 1.80 -6.90	27.43 1.84 -7.22	28.08 1.79 -8.15	28.10 1.97 -7.69	27.75 2.23 -5.63	29.54 2.29 -7.01	31.67 2.53 -6.71	29.64 2.80 -2.03	28.21 2.74 -1.00	27.79 2.45 -2.71	27.78 2.41 -3.31	22.97 2.28 -0.16	21.71 1.93 -1.43
PPL_SHRM_GT3 24213	22.87 1.69 -2.79	19.99 1.43 -3.33	18.81 1.28 -3.09	17.93 1.15 -3.98	17.30 1.27 -1.77	18.09 1.39 -1.91	19.30 1.35 -2.77	20.35 1.32 -3.83	22.22 1.75 -2.66	22.55 1.63 -3.00	26.54 1.56 -6.60	26.85 1.58 -6.90	27.19 1.60 -7.22	28.00 1.72 -8.15	28.01 1.88 -7.69	27.53 2.01 -5.63	29.44 2.19 -7.01	31.56 2.42 -6.71	29.52 2.68 -2.03	27.99 2.52 -1.00	27.54 2.19 -2.71	27.54 2.16 -3.31	22.81 2.12 -0.16	21.60 1.82 -1.43
PPL_SHRM_GT4 24214	22.87 1.69 -2.79	19.99 1.43 -3.33	18.81 1.28 -3.09	17.93 1.15 -3.98	17.30 1.27 -1.77	18.09 1.39 -1.91	19.30 1.35 -2.77	20.35 1.32 -3.83	22.22 1.75 -2.66	22.55 1.63 -3.00	26.54 1.56 -6.60	26.85 1.58 -6.90	27.19 1.60 -7.22	28.00 1.72 -8.15	28.01 1.88 -7.69	27.53 2.01 -5.63	29.44 2.19 -7.01	31.56 2.42 -6.71	29.52 2.68 -2.03	27.99 2.52 -1.00	27.54 2.19 -2.71	27.54 2.16 -3.31	22.81 2.12 -0.16	21.60 1.82 -1.43
PROJECT____ORANGE 1 24174	18.58 -0.07 -0.26	15.46 -0.08 -0.31	14.65 -0.07 -0.29	13.10 -0.06 -0.37	14.36 -0.06 -0.16	14.90 -0.07 -0.18	15.35 -0.09 -0.26	15.47 -0.09 -0.36	17.94 -0.12 -0.25	18.10 -0.11 -0.28	18.64 -0.06 -0.32	18.80 -0.04 -0.47	18.83 -0.04 -0.49	18.65 -0.07 -0.59	18.96 -0.02 -0.54	20.07 -0.02 -0.20	20.64 -0.06 -0.46	22.72 -0.07 -0.36	24.76 -0.05 0.00	24.40 -0.07 0.00	22.57 -0.07 0.00	22.00 -0.07 0.00	20.47 -0.06 0.00	18.39 -0.09 -0.13
PROJECT____ORANGE 2 24166	18.58 -0.07 -0.26	15.46 -0.08 -0.31	14.65 -0.07 -0.29	13.10 -0.06 -0.37	14.36 -0.06 -0.16	14.90 -0.07 -0.18	15.35 -0.09 -0.26	15.47 -0.09 -0.36	17.94 -0.12 -0.25	18.10 -0.11 -0.28	18.64 -0.06 -0.32	18.80 -0.04 -0.47	18.83 -0.04 -0.49	18.65 -0.07 -0.59	18.96 -0.02 -0.54	20.07 -0.02 -0.20	20.64 -0.06 -0.46	22.72 -0.07 -0.36	24.76 -0.05 0.00	24.40 -0.07 0.00	22.57 -0.07 0.00	22.00 -0.07 0.00	20.47 -0.06 0.00	18.39 -0.09 -0.13
PUCKETT____SOLAR 323809	19.71 0.40 -0.91	16.59 0.27 -1.09	15.70 0.26 -1.01	14.32 0.23 -1.30	15.09 0.26 -0.58	15.70 0.28 -0.62	16.34 0.26 -0.90	16.68 0.23 -1.25	18.90 0.21 -0.87	19.08 0.18 -0.98	19.75 0.24 -1.13	20.26 0.24 -1.64	20.33 0.22 -1.74	20.38 0.16 -2.09	20.62 0.28 -1.91	20.96 0.38 -0.69	22.26 0.40 -1.60	24.20 0.49 -1.27	25.53 0.72 0.00	25.26 0.78 0.00	23.38 0.75 0.00	22.77 0.71 0.00	21.13 0.60 0.00	19.16 0.35 -0.46
PYRITES____HYD 24023	18.14 -0.26 0.00	15.02 -0.21 0.00	14.22 -0.22 0.00	12.55 -0.24 0.00	13.97 -0.29 0.00	14.59 -0.21 0.00	15.00 -0.18 0.00	15.03 -0.17 0.00	17.60 -0.21 0.00	17.66 -0.27 0.00	18.10 -0.28 0.00	18.06 -0.31 0.00	18.01 -0.37 0.00	17.80 -0.33 0.00	17.99 -0.44 0.00	19.39 -0.50 0.00	19.78 -0.47 0.00	21.98 -0.45 0.00	24.24 -0.57 0.00	23.96 -0.51 0.00	22.20 -0.43 0.00	21.63 -0.44 0.00	20.12 -0.41 0.00	18.10 -0.26 0.00
QUAKERRD_115KV_BK1 80622	18.16 -0.57 -0.34	15.10 -0.53 -0.40	14.32 -0.49 -0.37	12.88 -0.40 -0.48	14.05 -0.41 -0.21	14.58 -0.44 -0.23	15.00 -0.52 -0.33	15.16 -0.50 -0.46	17.44 -0.69 -0.32	17.64 -0.65 -0.36	18.19 -0.61 -0.42	18.41 -0.57 -0.61	18.41 -0.61 -0.64	18.27 -0.63 -0.77	18.61 -0.53 -0.71	19.61 -0.54 -0.26	20.28 -0.57 -0.59	22.25 -0.65 -0.47	24.14 -0.67 0.00	23.86 -0.61 0.00	22.11 -0.52 0.00	21.54 -0.53 0.00	19.96 -0.57 0.00	17.97 -0.55 -0.17

QUENSBRY_I15KV_TB8 356137	23.18 1.23 -3.56	20.47 0.97 -4.26	19.29 0.91 -3.95	18.70 0.81 -5.10	17.46 0.94 -2.26	18.16 0.93 -2.44	19.68 0.96 -3.54	21.08 0.97 -4.90	22.47 1.25 -3.41	24.01 1.31 -4.77	25.31 1.27 -5.67	28.31 1.25 -8.69	27.82 1.14 -8.31	30.35 1.12 -11.10	27.79 1.03 -8.33	23.71 1.09 -2.72	27.82 1.30 -6.28	28.90 1.48 -4.99	28.03 1.76 -1.46	26.26 1.79 0.00	24.33 1.70 0.00	23.70 1.63 0.00	21.95 1.42 0.00	21.74 1.60 -1.79
RAMAPO____LBMP 323565	22.11 1.05 -2.67	19.30 0.87 -3.20	18.21 0.81 -2.97	17.31 0.69 -3.83	16.71 0.76 -1.70	17.39 0.77 -1.83	18.67 0.83 -2.66	19.70 0.82 -3.67	21.40 1.03 -2.55	21.84 1.04 -2.87	22.81 1.07 -3.37	24.34 1.08 -4.88	24.66 1.12 -5.16	25.42 1.09 -6.21	25.36 1.25 -5.68	23.39 1.43 -2.06	26.49 1.48 -4.76	27.83 1.61 -3.78	26.59 1.79 0.00	26.21 1.74 0.00	24.17 1.54 0.00	23.59 1.52 0.00	21.93 1.40 0.00	20.72 1.01 -1.36
RANKINE____ 23646	18.33 -0.53 -0.47	15.25 -0.55 -0.57	14.51 -0.45 -0.52	13.16 -0.31 -0.68	14.24 -0.31 -0.30	14.75 -0.37 -0.32	15.18 -0.47 -0.47	15.36 -0.49 -0.65	17.46 -0.80 -0.45	17.72 -0.72 -0.51	18.23 -0.73 -0.59	18.55 -0.68 -0.85	18.52 -0.75 -0.90	18.38 -0.83 -1.09	18.78 -0.65 -0.99	19.71 -0.54 -0.36	20.62 -0.47 -0.83	22.53 -0.56 -0.66	24.49 -0.32 0.00	24.45 -0.02 0.00	22.66 0.02 0.00	22.09 0.02 0.00	20.33 -0.21 0.00	18.10 -0.50 -0.24
RAVENSWOOD_GT2_1 24244	22.51 1.34 -2.78	19.65 1.10 -3.32	18.52 1.01 -3.08	17.64 0.87 -3.98	16.97 0.96 -1.76	17.67 0.98 -1.90	18.99 1.05 -2.76	20.05 1.03 -3.82	21.75 1.28 -2.65	22.19 1.27 -2.99	23.19 1.30 -3.51	24.78 1.32 -5.08	25.12 1.38 -5.37	25.92 1.34 -6.46	25.85 1.51 -5.91	23.75 1.71 -2.15	26.98 1.78 -4.95	28.32 1.95 -3.93	26.97 2.16 0.00	26.55 2.08 0.00	24.44 1.81 0.00	23.85 1.79 0.00	22.12 1.58 0.00	21.03 1.27 -1.41
RAVENSWOOD_GT2_2 24245	22.51 1.34 -2.78	19.65 1.10 -3.32	18.52 1.01 -3.08	17.64 0.87 -3.98	16.97 0.96 -1.76	17.67 0.98 -1.90	18.99 1.05 -2.76	20.05 1.03 -3.82	21.75 1.28 -2.65	22.19 1.27 -2.99	23.19 1.30 -3.51	24.78 1.32 -5.08	25.12 1.38 -5.37	25.92 1.34 -6.46	25.85 1.51 -5.91	23.75 1.71 -2.15	26.98 1.78 -4.95	28.32 1.95 -3.93	26.97 2.16 0.00	26.55 2.08 0.00	24.44 1.81 0.00	23.85 1.79 0.00	22.12 1.58 0.00	21.03 1.27 -1.41
RAVENSWOOD_GT2_3 24246	22.51 1.34 -2.78	19.67 1.11 -3.32	18.54 1.02 -3.08	17.65 0.88 -3.98	16.97 0.96 -1.76	17.69 0.99 -1.90	19.00 1.06 -2.76	20.07 1.05 -3.82	21.75 1.28 -2.65	22.21 1.29 -2.99	23.21 1.32 -3.51	24.78 1.32 -5.08	25.12 1.38 -5.37	25.92 1.34 -6.46	25.85 1.51 -5.91	23.77 1.73 -2.15	27.00 1.80 -4.95	28.34 1.97 -3.93	26.97 2.16 0.00	26.55 2.08 0.00	24.47 1.83 0.00	23.88 1.81 0.00	22.14 1.60 0.00	21.03 1.27 -1.41
RAVENSWOOD_GT2_4 24247	22.51 1.34 -2.78	19.67 1.11 -3.32	18.54 1.02 -3.08	17.65 0.88 -3.98	16.97 0.96 -1.76	17.69 0.99 -1.90	19.00 1.06 -2.76	20.07 1.05 -3.82	21.75 1.28 -2.65	22.21 1.29 -2.99	23.21 1.32 -3.51	24.78 1.32 -5.08	25.12 1.38 -5.37	25.92 1.34 -6.46	25.85 1.51 -5.91	23.77 1.73 -2.15	27.00 1.80 -4.95	28.34 1.97 -3.93	26.97 2.16 0.00	26.55 2.08 0.00	24.47 1.83 0.00	23.88 1.81 0.00	22.14 1.60 0.00	21.03 1.27 -1.41
RAVENSWOOD_GT3_1 24248	22.51 1.34 -2.78	19.65 1.10 -3.32	18.52 1.01 -3.08	17.64 0.87 -3.98	16.97 0.96 -1.76	17.67 0.98 -1.90	18.99 1.05 -2.76	20.05 1.03 -3.82	21.75 1.28 -2.65	22.19 1.27 -2.99	23.19 1.30 -3.51	24.78 1.32 -5.08	25.12 1.38 -5.37	25.92 1.34 -6.46	25.85 1.51 -5.91	23.77 1.73 -2.15	26.98 1.78 -4.95	28.32 1.95 -3.93	26.97 2.16 0.00	26.55 2.08 0.00	24.44 1.81 0.00	23.85 1.79 0.00	22.12 1.58 0.00	21.03 1.27 -1.41
RAVENSWOOD_GT3_2 24249	22.51 1.34 -2.78	19.65 1.10 -3.32	18.52 1.01 -3.08	17.64 0.87 -3.98	16.97 0.96 -1.76	17.67 0.98 -1.90	18.99 1.05 -2.76	20.05 1.03 -3.82	21.75 1.28 -2.65	22.19 1.27 -2.99	23.19 1.30 -3.51	24.78 1.32 -5.08	25.12 1.38 -5.37	25.92 1.34 -6.46	25.85 1.51 -5.91	23.77 1.73 -2.15	26.98 1.78 -4.95	28.32 1.95 -3.93	26.97 2.16 0.00	26.55 2.08 0.00	24.44 1.81 0.00	23.85 1.79 0.00	22.12 1.58 0.00	21.03 1.27 -1.41
RAVENSWOOD_GT3_3 24250	22.51 1.34 -2.78	19.67 1.11 -3.32	18.54 1.02 -3.08	17.66 0.90 -3.98	16.99 0.97 -1.76	17.70 1.01 -1.90	19.02 1.08 -2.76	20.08 1.06 -3.82	21.77 1.30 -2.65	22.22 1.31 -2.99	23.21 1.32 -3.51	24.81 1.36 -5.08	25.14 1.40 -5.37	25.94 1.36 -6.46	25.87 1.53 -5.91	23.79 1.75 -2.15	27.02 1.82 -4.95	28.36 2.00 -3.93	26.99 2.18 0.00	26.58 2.10 0.00	24.49 1.86 0.00	23.88 1.81 0.00	22.28 1.75 0.00	21.05 1.28 -1.41
RAVENSWOOD_GT3_4 24251	22.53 1.36 -2.78	19.67 1.11 -3.32	18.54 1.02 -3.08	17.66 0.90 -3.98	16.99 0.97 -1.76	17.70 1.01 -1.90	19.02 1.08 -2.76	20.08 1.06 -3.82	21.77 1.30 -2.65	22.22 1.31 -2.99	23.21 1.32 -3.51	24.79 1.34 -5.08	25.14 1.40 -5.37	25.94 1.36 -6.46	25.87 1.53 -5.91	23.79 1.75 -2.15	27.02 1.82 -4.95	28.36 2.00 -3.93	26.99 2.18 0.00	26.58 2.11 0.00	24.49 1.86 0.00	23.88 1.81 0.00	22.14 1.60 0.00	21.05 1.28 -1.41
RAVENSWOOD_GT_1 23729	22.59 1.42 -2.78	19.73 1.17 -3.33	18.61 1.08 -3.09	17.71 0.93 -3.98	17.04 1.01 -1.77	17.73 1.04 -1.90	19.03 1.09 -2.76	20.07 1.05 -3.82	21.77 1.30 -2.65	22.21 1.29 -2.99	23.21 1.32 -3.51	24.79 1.34 -5.08	25.14 1.40 -5.37	25.96 1.38 -6.46	25.87 1.53 -5.91	23.79 1.75 -2.15	27.02 1.82 -4.95	28.36 2.00 -3.93	26.99 2.18 0.00	26.58 2.11 0.00	24.47 1.83 0.00	23.88 1.81 0.00	22.16 1.62 0.00	21.09 1.32 -1.41
RAVENSWOOD_GT_10 24258	22.49 1.32 -2.78	19.65 1.10 -3.33	18.53 1.01 -3.08	17.64 0.87 -3.98	16.97 0.95 -1.77	17.67 0.98 -1.90	18.99 1.05 -2.76	20.05 1.03 -3.82	21.75 1.28 -2.65	22.19 1.27 -2.99	23.19 1.30 -3.51	24.78 1.32 -5.08	25.12 1.38 -5.37	25.92 1.34 -6.46	25.85 1.51 -5.91	23.75 1.71 -2.15	26.98 1.78 -4.95	28.32 1.95 -3.93	26.97 2.16 0.00	26.55 2.08 0.00	24.47 1.83 0.00	23.85 1.79 0.00	22.24 1.70 0.00	21.03 1.27 -1.41
RAVENSWOOD_GT_11 24259	22.49 1.33 -2.78	19.65 1.10 -3.33	18.53 1.01 -3.08	17.64 0.87 -3.98	16.97 0.96 -1.77	17.67 0.98 -1.90	18.99 1.05 -2.76	20.05 1.03 -3.82	21.75 1.28 -2.65	22.19 1.27 -2.99	23.19 1.30 -3.51	24.78 1.32 -5.08	25.12 1.38 -5.37	25.92 1.34 -6.46	25.85 1.51 -5.91	23.75 1.71 -2.15	26.98 1.78 -4.95	28.32 1.95 -3.93	26.97 2.16 0.00	26.55 2.08 0.00	24.44 1.81 0.00	23.85 1.79 0.00	22.12 1.58 0.00	21.03 1.27 -1.41
RAVENSWOOD_GT_4 24252	22.47 1.31 -2.78	19.64 1.08 -3.33	18.52 1.00 -3.09	17.65 0.87 -3.98	16.97 0.94 -1.77	17.67 0.98 -1.90	18.99 1.05 -2.76	20.05 1.03 -3.82	21.75 1.28 -2.65	22.19 1.27 -2.99	23.19 1.30 -3.51	24.78 1.32 -5.08	25.12 1.38 -5.37	25.92 1.34 -6.46	25.85 1.51 -5.91	23.75 1.71 -2.15	26.98 1.78 -4.95	28.32 1.95 -3.93	26.94 2.13 0.00	26.53 2.06 0.00	24.47 1.83 0.00	23.85 1.79 0.00	22.24 1.70 0.00	21.01 1.25 -1.41

RAVENSWOOD_GT_5 24254	22.47 1.31 -2.78	19.64 1.08 -3.33	18.52 1.00 -3.09	17.65 0.87 -3.98	16.97 0.94 -1.77	17.67 0.98 -1.90	18.99 1.05 -2.76	20.05 1.03 -3.82	21.75 1.28 -2.65	22.19 1.27 -2.99	23.19 1.30 -3.51	24.78 1.32 -5.08	25.12 1.38 -5.37	25.92 1.34 -6.46	25.85 1.51 -5.91	23.75 1.71 -2.15	26.98 1.78 -4.95	28.32 1.95 -3.93	26.94 2.13 0.00	26.53 2.06 0.00	24.47 1.83 0.00	23.85 1.79 0.00	22.24 1.70 0.00	21.01 1.25 -1.41
RAVENSWOOD_GT_6 24253	22.47 1.31 -2.78	19.64 1.08 -3.33	18.52 1.00 -3.09	17.65 0.87 -3.98	16.97 0.94 -1.77	17.67 0.98 -1.90	18.99 1.05 -2.76	20.05 1.03 -3.82	21.75 1.28 -2.65	22.19 1.27 -2.99	23.19 1.30 -3.51	24.78 1.32 -5.08	25.12 1.38 -5.37	25.92 1.34 -6.46	25.85 1.51 -5.91	23.75 1.71 -2.15	26.98 1.78 -4.95	28.32 1.95 -3.93	26.94 2.13 0.00	26.53 2.06 0.00	24.47 1.83 0.00	23.85 1.79 0.00	22.24 1.70 0.00	21.01 1.25 -1.41
RAVENSWOOD_GT_7 24255	22.47 1.31 -2.78	19.64 1.08 -3.33	18.52 1.00 -3.09	17.65 0.87 -3.98	16.97 0.94 -1.77	17.67 0.98 -1.90	18.99 1.05 -2.76	20.05 1.03 -3.82	21.75 1.28 -2.65	22.19 1.27 -2.99	23.19 1.30 -3.51	24.78 1.32 -5.08	25.12 1.38 -5.37	25.92 1.34 -6.46	25.85 1.51 -5.91	23.75 1.71 -2.15	26.98 1.78 -4.95	28.32 1.95 -3.93	26.94 2.13 0.00	26.53 2.06 0.00	24.47 1.83 0.00	23.85 1.79 0.00	22.24 1.70 0.00	21.01 1.25 -1.41
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	22.49 1.32 -2.78	19.65 1.10 -3.33	18.53 1.01 -3.08	17.64 0.87 -3.98	16.97 0.95 -1.77	17.67 0.98 -1.90	18.99 1.05 -2.76	20.05 1.03 -3.82	21.75 1.28 -2.65	22.19 1.27 -2.99	23.19 1.30 -3.51	24.78 1.32 -5.08	25.12 1.38 -5.37	25.92 1.34 -6.46	25.85 1.51 -5.91	23.75 1.71 -2.15	26.98 1.78 -4.95	28.32 1.95 -3.93	26.97 2.16 0.00	26.55 2.08 0.00	24.47 1.83 0.00	23.85 1.79 0.00	22.24 1.70 0.00	21.03 1.27 -1.41
RAVENSWOOD_GT_9 24257	22.49 1.33 -2.78	19.65 1.10 -3.33	18.53 1.01 -3.08	17.64 0.87 -3.98	16.97 0.96 -1.77	17.67 0.98 -1.90	18.99 1.05 -2.76	20.05 1.03 -3.82	21.75 1.28 -2.65	22.19 1.27 -2.99	23.19 1.30 -3.51	24.78 1.32 -5.08	25.12 1.38 -5.37	25.92 1.34 -6.46	25.85 1.51 -5.91	23.75 1.71 -2.15	26.98 1.78 -4.95	28.32 1.95 -3.93	26.97 2.16 0.00	26.55 2.08 0.00	24.44 1.81 0.00	23.85 1.79 0.00	22.12 1.58 0.00	21.03 1.27 -1.41
RAVENSWOOD___1 23533	22.59 1.42 -2.78	19.73 1.17 -3.33	18.61 1.08 -3.09	17.71 0.93 -3.98	17.04 1.01 -1.77	17.73 1.04 -1.90	19.03 1.09 -2.76	20.07 1.05 -3.82	21.77 1.30 -2.65	22.21 1.29 -2.99	23.21 1.32 -3.51	24.79 1.34 -5.08	25.14 1.40 -5.37	25.96 1.38 -6.46	25.87 1.53 -5.91	23.79 1.75 -2.15	27.02 1.82 -4.95	28.36 2.00 -3.93	26.99 2.18 0.00	26.58 2.11 0.00	24.47 1.83 0.00	23.88 1.81 0.00	22.16 1.62 0.00	21.09 1.32 -1.41
RAVENSWOOD___2 23534	22.59 1.42 -2.78	19.73 1.17 -3.33	18.61 1.08 -3.09	17.71 0.93 -3.98	17.04 1.01 -1.77	17.73 1.04 -1.90	19.03 1.09 -2.76	20.07 1.05 -3.82	21.77 1.30 -2.65	22.21 1.29 -2.99	23.21 1.32 -3.51	24.79 1.34 -5.08	25.14 1.40 -5.37	25.96 1.38 -6.46	25.87 1.53 -5.91	23.79 1.75 -2.15	27.02 1.82 -4.95	28.36 2.00 -3.93	26.99 2.18 0.00	26.58 2.11 0.00	24.47 1.83 0.00	23.88 1.81 0.00	22.16 1.62 0.00	21.09 1.32 -1.41
RAVENSWOOD___3 23535	22.51 1.34 -2.78	19.65 1.10 -3.32	18.52 1.01 -3.08	17.64 0.87 -3.98	16.97 0.96 -1.76	17.67 0.98 -1.90	18.99 1.05 -2.76	20.05 1.03 -3.82	21.75 1.28 -2.65	22.19 1.27 -2.99	23.19 1.30 -3.51	24.78 1.32 -5.08	25.12 1.38 -5.37	25.92 1.34 -6.46	25.85 1.51 -5.91	23.77 1.73 -2.15	27.00 1.80 -4.95	28.32 1.95 -3.93	26.97 2.16 0.00	26.55 2.08 0.00	24.47 1.83 0.00	23.85 1.79 0.00	22.12 1.58 0.00	21.03 1.27 -1.41
RAVENSWOOD___4 23820	22.59 1.42 -2.78	19.73 1.17 -3.33	18.61 1.08 -3.09	17.71 0.93 -3.98	17.04 1.01 -1.77	17.73 1.04 -1.90	19.03 1.09 -2.76	20.07 1.05 -3.82	21.77 1.30 -2.65	22.21 1.29 -2.99	23.21 1.32 -3.51	24.79 1.34 -5.08	25.14 1.40 -5.37	25.96 1.38 -6.46	25.87 1.53 -5.91	23.79 1.75 -2.15	27.02 1.82 -4.95	28.36 2.00 -3.93	26.99 2.18 0.00	26.58 2.11 0.00	24.47 1.83 0.00	23.88 1.81 0.00	22.16 1.62 0.00	21.09 1.32 -1.41
RCPL_TRUST___DRP 24196	22.49 1.32 -2.78	19.65 1.10 -3.32	18.54 1.02 -3.08	17.64 0.87 -3.98	16.97 0.95 -1.76	17.69 0.99 -1.90	19.00 1.06 -2.76	20.08 1.06 -3.82	21.77 1.30 -2.65	22.22 1.31 -2.99	23.22 1.34 -3.51	24.81 1.36 -5.08	25.14 1.40 -5.37	25.94 1.36 -6.46	25.87 1.53 -5.91	23.79 1.75 -2.15	27.02 1.82 -4.95	28.36 2.00 -3.93	26.99 2.18 0.00	26.58 2.10 0.00	24.49 1.86 0.00	23.90 1.83 0.00	22.26 1.72 0.00	21.05 1.28 -1.41
RED___ROCHESTER 323720	18.76 0.02 -0.35	15.52 -0.12 -0.42	14.73 -0.09 -0.39	13.28 -0.01 -0.50	14.49 0.01 -0.22	15.00 -0.03 -0.24	15.42 -0.11 -0.35	15.59 -0.09 -0.48	17.90 -0.25 -0.33	18.12 -0.18 -0.37	18.70 -0.11 -0.44	18.88 -0.13 -0.63	18.93 -0.11 -0.67	18.76 -0.16 -0.80	19.16 0.00 -0.73	20.22 0.06 -0.27	20.90 0.04 -0.61	22.94 0.02 -0.49	24.91 0.10 0.00	24.67 0.19 0.00	22.88 0.25 0.00	22.26 0.20 0.00	20.72 0.18 0.00	18.51 -0.02 -0.18
REGAN___SOLAR 323812	24.50 2.08 -4.03	21.69 1.63 -4.83	20.42 1.52 -4.48	19.73 1.16 -5.77	18.16 1.34 -2.56	19.14 1.58 -2.76	20.80 1.61 -4.01	22.27 1.52 -5.55	23.45 1.78 -3.85	24.00 1.74 -4.34	25.25 1.84 -5.03	27.52 1.86 -7.29	27.77 1.69 -7.71	29.04 1.65 -9.27	28.68 1.77 -8.48	24.90 1.93 -3.08	29.46 2.11 -7.10	30.59 2.51 -5.65	27.54 2.73 0.00	27.41 2.94 0.00	25.49 2.85 0.00	24.85 2.78 0.00	22.96 2.42 0.00	22.36 1.98 -2.02
RENSSELAER___COGEN 23796	22.40 0.57 -3.43	19.80 0.46 -4.11	18.71 0.46 -3.81	18.20 0.49 -4.92	16.99 0.56 -2.18	17.71 0.56 -2.35	19.16 0.56 -3.41	20.47 0.55 -4.72	21.70 0.61 -3.28	20.89 0.63 -2.34	21.50 0.61 -2.52	21.92 0.59 -2.96	23.36 0.59 -4.39	22.38 0.58 -3.68	25.06 0.63 -6.00	23.21 0.70 -2.62	26.98 0.69 -6.04	28.00 0.76 -4.80	23.57 0.87 2.10	25.33 0.86 0.00	23.40 0.77 0.00	22.84 0.77 0.00	21.30 0.76 0.00	20.65 0.57 -1.72
REPUBLIC_115KV_BARTNBRK 55605	24.36 2.41 -3.56	21.41 1.92 -4.26	20.18 1.80 -3.95	19.36 1.47 -5.09	18.22 1.71 -2.26	19.06 1.83 -2.44	20.57 1.85 -3.54	21.97 1.87 -4.90	23.59 2.37 -3.40	25.24 2.49 -4.82	26.70 2.59 -5.74	29.72 2.54 -8.81	28.99 2.22 -8.39	31.56 2.18 -11.26	28.89 2.08 -8.37	24.80 2.19 -2.72	28.91 2.39 -6.27	30.20 2.78 -4.99	29.45 3.10 -1.54	27.68 3.21 0.00	25.80 3.17 0.00	25.07 3.00 0.00	23.16 2.63 0.00	22.75 2.61 -1.79
REVERE_CPPR_DRP 24186	19.07 0.53 -0.15	15.83 0.43 -0.17	14.97 0.38 -0.16	13.31 0.31 -0.21	14.67 0.33 -0.09	15.31 0.41 -0.10	15.70 0.38 -0.14	15.78 0.38 -0.20	18.38 0.43 -0.14	18.46 0.38 -0.16	19.03 0.48 -0.18	19.15 0.51 -0.26	19.11 0.46 -0.28	18.91 0.45 -0.34	19.20 0.46 -0.31	20.52 0.52 -0.11	21.03 0.53 -0.26	23.24 0.61 -0.20	25.55 0.74 0.00	25.26 0.78 0.00	23.40 0.77 0.00	22.77 0.71 0.00	21.13 0.60 0.00	18.91 0.48 -0.07

REYNOLDS_115KV_TB3 80639	22.55 0.72 -3.44	19.93 0.58 -4.12	18.83 0.58 -3.82	18.27 0.55 -4.93	17.07 0.63 -2.19	17.79 0.64 -2.36	19.22 0.62 -3.41	20.55 0.62 -4.72	21.83 0.73 -3.28	20.63 0.75 -1.95	21.12 0.73 -2.01	21.14 0.73 -2.03	22.87 0.72 -3.78	21.31 0.71 -2.47	24.87 0.77 -5.66	23.35 0.84 -2.62	27.15 0.85 -6.05	28.16 0.92 -4.81	23.14 1.04 2.71	25.50 1.03 0.00	23.58 0.95 0.00	22.99 0.93 0.00	21.44 0.90 0.00	20.78 0.70 -1.73
RIVERBAY____ 323610	22.79 1.62 -2.78	19.92 1.36 -3.33	18.78 1.26 -3.09	17.81 1.04 -3.98	17.17 1.14 -1.77	17.91 1.21 -1.90	19.20 1.26 -2.76	20.17 1.16 -3.82	21.86 1.39 -2.65	22.28 1.36 -2.99	23.28 1.40 -3.51	24.89 1.43 -5.08	25.23 1.49 -5.37	26.07 1.49 -6.46	26.00 1.66 -5.91	23.93 1.89 -2.15	27.16 1.96 -4.95	28.52 2.15 -3.93	27.19 2.38 0.00	26.77 2.30 0.00	24.63 1.99 0.00	24.03 1.96 0.00	22.59 2.05 0.00	21.34 1.58 -1.41
RIVERSDE_115KV_TB3 55908	22.50 0.66 -3.45	19.89 0.53 -4.13	18.80 0.53 -3.83	18.27 0.54 -4.94	17.06 0.61 -2.19	17.78 0.62 -2.36	19.21 0.61 -3.42	20.55 0.61 -4.74	21.78 0.68 -3.29	20.85 0.70 -2.22	21.44 0.70 -2.37	21.73 0.68 -2.68	23.27 0.68 -4.22	22.11 0.67 -3.31	25.07 0.72 -5.92	23.32 0.80 -2.63	27.11 0.79 -6.07	28.13 0.87 -4.82	23.47 0.97 2.30	25.43 0.95 0.00	23.52 0.88 0.00	22.93 0.86 0.00	21.40 0.86 0.00	20.73 0.64 -1.73
ROARING____BROOK_WT_PWR 323790	18.08 -0.31 0.00	14.99 -0.24 0.00	14.19 -0.25 0.00	12.56 -0.23 0.00	13.98 -0.27 0.00	14.51 -0.28 0.00	14.91 -0.27 0.00	14.94 -0.26 0.00	17.51 -0.30 0.00	17.59 -0.34 0.00	17.97 -0.40 0.00	17.95 -0.42 0.00	17.90 -0.48 0.00	17.65 -0.47 0.00	17.88 -0.55 0.00	19.29 -0.60 0.00	19.68 -0.57 0.00	21.83 -0.60 0.00	24.16 -0.65 0.00	23.89 -0.59 0.00	22.07 -0.56 0.00	21.52 -0.55 0.00	20.04 -0.49 0.00	17.99 -0.37 0.00
ROCHESRG_115KV_T4 355643	18.52 -0.22 -0.35	15.38 -0.26 -0.41	14.62 -0.20 -0.38	13.16 -0.13 -0.50	14.36 -0.11 -0.22	14.88 -0.15 -0.24	15.30 -0.23 -0.34	15.45 -0.23 -0.48	17.75 -0.39 -0.33	17.96 -0.34 -0.37	18.51 -0.29 -0.43	18.74 -0.26 -0.63	18.74 -0.29 -0.66	18.58 -0.34 -0.80	18.96 -0.20 -0.73	20.00 -0.16 -0.26	20.70 -0.16 -0.61	22.69 -0.22 -0.48	24.61 -0.20 0.00	24.38 -0.10 0.00	22.59 -0.05 0.00	22.02 -0.04 0.00	20.37 -0.16 0.00	18.33 -0.20 -0.17
ROCHESTER_9_IC 23652	18.61 -0.13 -0.35	15.46 -0.18 -0.42	14.68 -0.14 -0.39	13.23 -0.06 -0.50	14.43 -0.04 -0.22	14.96 -0.07 -0.24	15.37 -0.15 -0.35	15.53 -0.15 -0.48	17.84 -0.30 -0.33	18.05 -0.25 -0.37	18.61 -0.20 -0.44	18.84 -0.17 -0.63	18.84 -0.20 -0.67	18.69 -0.24 -0.80	19.07 -0.09 -0.73	20.12 -0.04 -0.27	20.80 -0.06 -0.61	22.83 -0.09 -0.49	24.76 -0.05 0.00	24.52 0.05 0.00	22.75 0.11 0.00	22.15 0.09 0.00	20.49 -0.04 0.00	18.44 -0.09 -0.18
ROCKVIEW_13_KV_LD 356306	22.47 1.31 -2.78	19.64 1.08 -3.32	18.51 1.00 -3.08	17.64 0.87 -3.98	16.96 0.94 -1.76	17.66 0.96 -1.90	18.97 1.03 -2.76	20.05 1.03 -3.82	21.75 1.28 -2.65	22.20 1.29 -2.99	23.21 1.32 -3.51	24.81 1.36 -5.08	25.14 1.40 -5.37	25.94 1.36 -6.46	25.85 1.51 -5.91	23.75 1.71 -2.15	26.98 1.78 -4.95	28.32 1.95 -3.93	26.94 2.13 0.00	26.55 2.08 0.00	24.47 1.83 0.00	23.88 1.81 0.00	22.24 1.70 0.00	21.03 1.27 -1.41
ROME____115KV_TB2 80656	19.07 0.53 -0.15	15.83 0.43 -0.17	14.97 0.38 -0.16	13.31 0.31 -0.21	14.67 0.33 -0.09	15.31 0.41 -0.10	15.70 0.38 -0.14	15.78 0.38 -0.20	18.38 0.43 -0.14	18.46 0.38 -0.16	19.03 0.48 -0.18	19.15 0.51 -0.26	19.11 0.46 -0.28	18.91 0.45 -0.34	19.20 0.46 -0.31	20.52 0.52 -0.11	21.03 0.53 -0.26	23.24 0.61 -0.20	25.55 0.74 0.00	25.26 0.78 0.00	23.40 0.77 0.00	22.77 0.71 0.00	21.13 0.60 0.00	18.91 0.48 -0.07
ROSETON____1 23587	22.22 1.05 -2.78	19.43 0.87 -3.33	18.33 0.81 -3.09	17.48 0.70 -3.98	16.79 0.77 -1.77	17.48 0.78 -1.91	18.76 0.82 -2.76	19.85 0.82 -3.82	21.49 1.01 -2.66	21.94 1.02 -2.99	22.93 1.05 -3.51	24.50 1.05 -5.08	24.83 1.08 -5.37	25.63 1.05 -6.45	25.52 1.18 -5.91	23.39 1.35 -2.15	26.59 1.40 -4.95	27.89 1.53 -3.93	26.50 1.69 0.00	26.11 1.64 0.00	24.08 1.45 0.00	23.50 1.43 0.00	21.81 1.27 0.00	20.76 0.99 -1.41
ROSETON____2 23588	22.22 1.05 -2.78	19.43 0.87 -3.33	18.33 0.81 -3.09	17.48 0.70 -3.98	16.79 0.77 -1.77	17.48 0.78 -1.91	18.76 0.82 -2.76	19.85 0.82 -3.82	21.49 1.01 -2.66	21.94 1.02 -2.99	22.93 1.05 -3.51	24.50 1.05 -5.08	24.83 1.08 -5.37	25.63 1.05 -6.45	25.52 1.18 -5.91	23.39 1.35 -2.15	26.59 1.40 -4.95	27.89 1.53 -3.93	26.50 1.69 0.00	26.11 1.64 0.00	24.08 1.45 0.00	23.50 1.43 0.00	21.81 1.27 0.00	20.76 0.99 -1.41
ROTTSDAM_115KV_TB3 80664	22.82 0.83 -3.60	20.21 0.67 -4.31	19.06 0.64 -4.00	18.50 0.55 -5.15	17.15 0.61 -2.29	17.91 0.65 -2.47	19.41 0.65 -3.58	20.81 0.65 -4.95	22.07 0.82 -3.44	22.63 0.82 -3.87	23.73 0.86 -4.49	25.74 0.86 -6.50	26.10 0.85 -6.88	27.21 0.82 -8.27	26.86 0.87 -7.57	23.59 0.95 -2.75	27.58 0.99 -6.34	28.59 1.12 -5.04	26.05 1.24 0.00	25.70 1.22 0.00	23.77 1.13 0.00	23.19 1.13 0.00	21.56 1.03 0.00	21.01 0.84 -1.81
RUSSELL____1 23602	18.69 -0.06 -0.35	15.52 -0.12 -0.42	14.73 -0.09 -0.39	13.28 -0.01 -0.50	14.49 0.01 -0.22	15.00 -0.03 -0.24	15.42 -0.11 -0.35	15.59 -0.09 -0.48	17.91 -0.23 -0.33	18.12 -0.18 -0.37	18.70 -0.11 -0.44	18.93 -0.07 -0.63	18.93 -0.11 -0.67	18.76 -0.16 -0.80	19.16 0.00 -0.73	20.22 0.06 -0.27	20.92 0.06 -0.61	22.94 0.02 -0.49	24.91 0.10 0.00	24.67 0.20 0.00	22.86 0.23 0.00	22.26 0.20 0.00	20.60 0.06 0.00	18.51 -0.02 -0.18
RUSSELL____2 23532	18.69 -0.06 -0.35	15.52 -0.12 -0.42	14.73 -0.09 -0.39	13.28 -0.01 -0.50	14.49 0.01 -0.22	15.00 -0.03 -0.24	15.42 -0.11 -0.35	15.59 -0.09 -0.48	17.91 -0.23 -0.33	18.12 -0.18 -0.37	18.70 -0.11 -0.44	18.93 -0.07 -0.63	18.93 -0.11 -0.67	18.76 -0.16 -0.80	19.16 0.00 -0.73	20.22 0.06 -0.27	20.92 0.06 -0.61	22.94 0.02 -0.49	24.91 0.10 0.00	24.67 0.20 0.00	22.86 0.23 0.00	22.26 0.20 0.00	20.60 0.06 0.00	18.51 -0.02 -0.18
RUSSELL____3 23549	18.69 -0.06 -0.35	15.52 -0.12 -0.42	14.73 -0.09 -0.39	13.28 -0.01 -0.50	14.49 0.01 -0.22	15.00 -0.03 -0.24	15.42 -0.11 -0.35	15.59 -0.09 -0.48	17.91 -0.23 -0.33	18.12 -0.18 -0.37	18.70 -0.11 -0.44	18.93 -0.07 -0.63	18.93 -0.11 -0.67	18.76 -0.16 -0.80	19.16 0.00 -0.73	20.22 0.06 -0.27	20.92 0.06 -0.61	22.94 0.02 -0.49	24.91 0.10 0.00	24.67 0.20 0.00	22.86 0.23 0.00	22.26 0.20 0.00	20.60 0.06 0.00	18.51 -0.02 -0.18
RUSSELL____4 23556	18.69 -0.06 -0.35	15.52 -0.12 -0.42	14.73 -0.09 -0.39	13.28 -0.01 -0.50	14.49 0.01 -0.22	15.00 -0.03 -0.24	15.42 -0.11 -0.35	15.59 -0.09 -0.48	17.91 -0.23 -0.33	18.12 -0.18 -0.37	18.70 -0.11 -0.44	18.93 -0.07 -0.63	18.93 -0.11 -0.67	18.76 -0.16 -0.80	19.16 0.00 -0.73	20.22 0.06 -0.27	20.92 0.06 -0.61	22.94 0.02 -0.49	24.91 0.10 0.00	24.67 0.20 0.00	22.86 0.23 0.00	22.26 0.20 0.00	20.60 0.06 0.00	18.51 -0.02 -0.18

RUSSELL___STATION 23914	18.69 -0.06 -0.35	15.52 -0.12 -0.42	14.73 -0.09 -0.39	13.28 -0.01 -0.50	14.49 0.01 -0.22	15.00 -0.03 -0.24	15.42 -0.11 -0.35	15.59 -0.09 -0.48	17.91 -0.23 -0.33	18.12 -0.18 -0.37	18.70 -0.11 -0.44	18.93 -0.07 -0.63	18.93 -0.11 -0.67	18.76 -0.16 -0.80	19.16 0.00 -0.73	20.22 0.06 -0.27	20.92 0.06 -0.61	22.94 0.02 -0.49	24.91 0.10 0.00	24.67 0.20 0.00	22.86 0.23 0.00	22.26 0.20 0.00	20.60 0.06 0.00	18.51 -0.02 -0.18
S SALMON___HYD 24043	18.54 -0.06 -0.21	15.40 -0.08 -0.25	14.58 -0.09 -0.23	13.02 -0.06 -0.30	14.31 -0.07 -0.13	14.88 -0.06 -0.14	15.29 -0.09 -0.20	15.38 -0.11 -0.28	17.87 -0.14 -0.20	17.99 -0.16 -0.22	18.54 -0.09 -0.26	18.66 -0.09 -0.37	18.64 -0.13 -0.39	18.44 -0.16 -0.47	18.72 -0.15 -0.43	19.85 -0.20 -0.16	20.35 -0.26 -0.36	22.47 -0.25 -0.29	24.61 -0.20 0.00	24.33 -0.15 0.00	22.54 -0.09 0.00	22.02 -0.04 0.00	20.49 -0.04 0.00	18.39 -0.07 -0.10
S.PERRY___115KV_TB1 80734	19.16 0.28 -0.49	15.97 0.15 -0.58	15.15 0.17 -0.54	13.68 0.19 -0.70	14.81 0.24 -0.31	15.36 0.24 -0.33	15.82 0.15 -0.48	15.98 0.11 -0.67	18.15 -0.12 -0.47	18.16 -0.29 -0.52	18.60 -0.39 -0.61	18.87 -0.39 -0.88	18.87 -0.44 -0.93	18.67 -0.58 -1.12	19.00 -0.46 -1.03	19.92 -0.34 -0.37	20.85 -0.26 -0.86	22.93 -0.18 -0.68	25.06 0.25 0.00	25.13 0.66 0.00	23.45 0.81 0.00	22.84 0.77 0.00	21.11 0.57 0.00	18.89 0.29 -0.24
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	18.27 -0.57 -0.45	15.21 -0.56 -0.54	14.47 -0.46 -0.50	13.12 -0.32 -0.65	14.21 -0.33 -0.29	14.72 -0.38 -0.31	15.13 -0.50 -0.45	15.31 -0.52 -0.62	17.41 -0.84 -0.43	17.66 -0.75 -0.49	18.17 -0.77 -0.57	18.48 -0.72 -0.82	18.45 -0.79 -0.87	18.31 -0.85 -1.04	18.70 -0.68 -0.95	19.66 -0.58 -0.35	20.52 -0.53 -0.80	22.41 -0.65 -0.63	24.29 -0.52 0.00	24.20 -0.27 0.00	22.45 -0.18 0.00	21.89 -0.18 0.00	20.17 -0.37 0.00	18.05 -0.53 -0.23
SAWYER___23_KV_LOAD 55526	18.27 -0.57 -0.45	15.21 -0.56 -0.54	14.47 -0.46 -0.50	13.12 -0.32 -0.65	14.21 -0.33 -0.29	14.72 -0.38 -0.31	15.13 -0.50 -0.45	15.31 -0.52 -0.62	17.41 -0.84 -0.43	17.66 -0.75 -0.49	18.17 -0.77 -0.57	18.48 -0.72 -0.82	18.45 -0.79 -0.87	18.31 -0.85 -1.04	18.70 -0.68 -0.95	19.66 -0.58 -0.35	20.52 -0.53 -0.80	22.41 -0.65 -0.63	24.29 -0.52 0.00	24.20 -0.27 0.00	22.45 -0.18 0.00	21.89 -0.18 0.00	20.17 -0.37 0.00	18.05 -0.53 -0.23
SELKIRK___I 23801	22.51 0.74 -3.38	19.86 0.58 -4.05	18.78 0.59 -3.75	18.20 0.56 -4.84	17.04 0.64 -2.15	17.78 0.67 -2.32	19.19 0.65 -3.36	20.50 0.65 -4.65	21.78 0.73 -3.23	21.52 0.75 -2.84	22.33 0.77 -3.18	23.33 0.75 -4.20	24.30 0.74 -5.19	24.14 0.73 -5.29	25.60 0.77 -6.39	23.33 0.85 -2.58	27.05 0.85 -5.95	28.12 0.96 -4.73	24.64 1.07 1.23	25.55 1.08 0.00	23.63 0.99 0.00	23.04 0.97 0.00	21.46 0.92 0.00	20.79 0.73 -1.70
SELKIRK___II 23799	22.44 0.63 -3.42	19.83 0.50 -4.10	18.73 0.50 -3.80	18.18 0.49 -4.90	16.98 0.56 -2.17	17.70 0.56 -2.34	19.14 0.56 -3.40	20.47 0.56 -4.70	21.72 0.64 -3.27	21.37 0.66 -2.78	22.13 0.66 -3.09	23.06 0.66 -4.02	24.11 0.64 -5.09	23.82 0.63 -5.06	25.51 0.70 -6.38	23.25 0.76 -2.61	27.03 0.77 -6.02	28.06 0.85 -4.78	24.38 0.97 1.40	25.43 0.95 0.00	23.49 0.86 0.00	22.93 0.86 0.00	21.36 0.82 0.00	20.69 0.62 -1.71
SENECA OSWGO___HYD 24041	18.38 -0.24 -0.23	15.28 -0.23 -0.28	14.47 -0.22 -0.26	12.94 -0.18 -0.33	14.20 -0.20 -0.15	14.74 -0.21 -0.16	15.18 -0.23 -0.23	15.29 -0.23 -0.32	17.75 -0.29 -0.22	17.89 -0.29 -0.25	18.42 -0.24 -0.29	18.55 -0.24 -0.42	18.58 -0.24 -0.44	18.40 -0.25 -0.53	18.67 -0.24 -0.48	19.79 -0.28 -0.18	20.35 -0.30 -0.41	22.39 -0.36 -0.32	24.46 -0.35 0.00	24.11 -0.37 0.00	22.32 -0.32 0.00	21.76 -0.31 0.00	20.27 -0.27 0.00	18.20 -0.27 -0.12
SENECA___115KV_TB3 355854	18.37 -0.50 -0.47	15.28 -0.52 -0.57	14.54 -0.42 -0.52	13.18 -0.29 -0.68	14.27 -0.29 -0.30	14.78 -0.34 -0.32	15.19 -0.46 -0.47	15.38 -0.47 -0.65	17.48 -0.78 -0.45	17.75 -0.68 -0.51	18.27 -0.70 -0.59	18.57 -0.66 -0.85	18.54 -0.73 -0.90	18.40 -0.82 -1.09	18.80 -0.63 -0.99	19.75 -0.50 -0.36	20.66 -0.43 -0.83	22.55 -0.54 -0.66	24.51 -0.30 0.00	24.47 0.00 0.00	22.68 0.05 0.00	22.11 0.04 0.00	20.35 -0.18 0.00	18.11 -0.48 -0.24
SENECA___ENERGY 23797	18.69 -0.07 -0.37	15.53 -0.14 -0.44	14.71 -0.13 -0.41	13.24 -0.08 -0.52	14.42 -0.07 -0.23	14.96 -0.09 -0.25	15.42 -0.12 -0.36	15.58 -0.12 -0.50	17.97 -0.20 -0.35	18.12 -0.20 -0.39	18.68 -0.15 -0.46	18.89 -0.15 -0.66	18.91 -0.17 -0.70	18.77 -0.20 -0.84	19.09 -0.11 -0.77	20.11 -0.06 -0.28	20.81 -0.08 -0.64	22.88 -0.07 -0.51	24.88 0.07 0.00	24.57 0.10 0.00	22.75 0.11 0.00	22.13 0.07 0.00	20.60 0.06 0.00	18.43 -0.11 -0.18
SHOEMAKER___GT 23640	21.84 0.90 -2.54	19.00 0.73 -3.04	17.93 0.68 -2.82	17.05 0.61 -3.64	16.53 0.66 -1.62	17.18 0.65 -1.74	18.40 0.70 -2.53	19.38 0.68 -3.50	21.08 0.84 -2.43	21.50 0.84 -2.73	22.44 0.86 -3.21	23.88 0.86 -4.64	24.17 0.88 -4.91	24.88 0.85 -5.90	24.81 0.98 -5.40	22.99 1.13 -1.96	25.93 1.15 -4.52	27.30 1.28 -3.60	26.25 1.44 0.00	25.87 1.39 0.00	23.92 1.29 0.00	23.35 1.28 0.00	21.64 1.11 0.00	20.49 0.84 -1.29
SHOEMAKR_138KV_BK 111 55601	21.80 0.88 -2.52	18.98 0.73 -3.02	17.91 0.68 -2.80	17.01 0.60 -3.62	16.50 0.64 -1.60	17.17 0.65 -1.73	18.39 0.70 -2.51	19.36 0.68 -3.47	21.06 0.84 -2.41	21.49 0.84 -2.72	22.42 0.86 -3.18	23.87 0.88 -4.61	24.13 0.88 -4.88	24.84 0.85 -5.86	24.77 0.98 -5.36	22.99 1.15 -1.95	25.92 1.17 -4.49	27.30 1.30 -3.57	26.25 1.44 0.00	25.89 1.42 0.00	23.92 1.29 0.00	23.35 1.28 0.00	21.71 1.17 0.00	20.48 0.84 -1.28
SHOREHAM_IC_1 23715	22.87 1.69 -2.79	19.99 1.43 -3.33	18.81 1.28 -3.09	17.93 1.15 -3.98	17.30 1.27 -1.77	18.09 1.39 -1.91	19.30 1.35 -2.77	20.35 1.32 -3.83	22.22 1.75 -2.66	22.55 1.63 -3.00	26.54 1.56 -6.60	26.85 1.58 -6.90	27.19 1.60 -7.22	28.00 1.72 -8.15	28.01 1.88 -7.69	27.53 2.01 -5.63	29.44 2.19 -7.01	31.56 2.42 -6.71	29.52 2.68 -2.03	27.99 2.52 -1.00	27.54 2.19 -2.71	27.54 2.16 -3.31	22.81 2.12 -0.16	21.60 1.82 -1.43
SHOREHAM_IC_2 23716	22.87 1.69 -2.79	19.99 1.43 -3.33	18.81 1.28 -3.09	17.93 1.15 -3.98	17.30 1.27 -1.77	18.09 1.39 -1.91	19.30 1.35 -2.77	20.35 1.32 -3.83	22.22 1.75 -2.66	22.55 1.63 -3.00	26.54 1.56 -6.60	26.85 1.58 -6.90	27.19 1.60 -7.22	28.00 1.72 -8.15	28.01 1.88 -7.69	27.53 2.01 -5.63	29.44 2.19 -7.01	31.56 2.42 -6.71	29.52 2.68 -2.03	27.99 2.52 -1.00	27.54 2.19 -2.71	27.54 2.16 -3.31	22.81 2.12 -0.16	21.60 1.82 -1.43
SISSONVILLE___ 23735	17.88 -0.51 0.00	14.80 -0.43 0.00	14.03 -0.40 0.00	12.40 -0.40 0.00	13.80 -0.46 0.00	14.38 -0.41 0.00	14.80 -0.38 0.00	14.84 -0.36 0.00	17.37 -0.45 0.00	17.44 -0.48 0.00	17.86 -0.51 0.00	17.82 -0.55 0.00	17.79 -0.59 0.00	17.58 -0.54 0.00	17.77 -0.66 0.00	19.17 -0.72 0.00	19.56 -0.69 0.00	21.71 -0.72 0.00	23.92 -0.89 0.00	23.64 -0.83 0.00	21.89 -0.75 0.00	21.32 -0.75 0.00	19.86 -0.68 0.00	17.84 -0.51 0.00

SITHE_IND_GS1 24169	18.19 -0.39 -0.18	15.10 -0.35 -0.22	14.30 -0.33 -0.20	12.77 -0.28 -0.26	14.06 -0.31 -0.12	14.59 -0.33 -0.13	15.01 -0.35 -0.18	15.10 -0.35 -0.25	17.56 -0.43 -0.17	17.69 -0.43 -0.20	18.20 -0.40 -0.23	18.30 -0.40 -0.33	18.32 -0.40 -0.35	18.13 -0.42 -0.42	18.41 -0.41 -0.38	19.55 -0.48 -0.14	20.07 -0.51 -0.32	22.13 -0.56 -0.26	24.21 -0.60 0.00	23.89 -0.59 0.00	22.09 -0.54 0.00	21.54 -0.53 0.00	20.06 -0.47 0.00	18.04 -0.40 -0.09
SITHE_IND_GS2 24170	18.19 -0.39 -0.18	15.10 -0.35 -0.22	14.30 -0.33 -0.20	12.77 -0.28 -0.26	14.06 -0.31 -0.12	14.59 -0.33 -0.13	15.01 -0.35 -0.18	15.10 -0.35 -0.25	17.56 -0.43 -0.17	17.69 -0.43 -0.20	18.20 -0.40 -0.23	18.30 -0.40 -0.33	18.32 -0.40 -0.35	18.13 -0.42 -0.42	18.41 -0.41 -0.38	19.55 -0.48 -0.14	20.07 -0.51 -0.32	22.13 -0.56 -0.26	24.21 -0.60 0.00	23.89 -0.59 0.00	22.09 -0.54 0.00	21.54 -0.53 0.00	20.06 -0.47 0.00	18.04 -0.40 -0.09
SITHE_IND_GS3 24171	18.19 -0.39 -0.18	15.10 -0.35 -0.22	14.30 -0.33 -0.20	12.77 -0.28 -0.26	14.06 -0.31 -0.12	14.59 -0.33 -0.13	15.01 -0.35 -0.18	15.10 -0.35 -0.25	17.56 -0.43 -0.17	17.69 -0.43 -0.20	18.20 -0.40 -0.23	18.30 -0.40 -0.33	18.32 -0.40 -0.35	18.13 -0.42 -0.42	18.41 -0.41 -0.38	19.55 -0.48 -0.14	20.07 -0.51 -0.32	22.13 -0.56 -0.26	24.21 -0.60 0.00	23.89 -0.59 0.00	22.09 -0.54 0.00	21.54 -0.53 0.00	20.06 -0.47 0.00	18.04 -0.40 -0.09
SITHE_IND_GS4 24172	18.19 -0.39 -0.18	15.10 -0.35 -0.22	14.30 -0.33 -0.20	12.77 -0.28 -0.26	14.06 -0.31 -0.12	14.59 -0.33 -0.13	15.01 -0.35 -0.18	15.10 -0.35 -0.25	17.56 -0.43 -0.17	17.69 -0.43 -0.20	18.20 -0.40 -0.23	18.30 -0.40 -0.33	18.32 -0.40 -0.35	18.13 -0.42 -0.42	18.41 -0.41 -0.38	19.55 -0.48 -0.14	20.07 -0.51 -0.32	22.13 -0.56 -0.26	24.21 -0.60 0.00	23.89 -0.59 0.00	22.09 -0.54 0.00	21.54 -0.53 0.00	20.06 -0.47 0.00	18.04 -0.40 -0.09
SITHE___BATAVIA 24024	18.74 -0.06 -0.40	15.47 -0.24 -0.48	14.71 -0.17 -0.45	13.29 -0.08 -0.57	14.45 -0.06 -0.26	14.98 -0.09 -0.28	15.38 -0.20 -0.40	15.56 -0.20 -0.55	17.72 -0.48 -0.38	17.93 -0.43 -0.43	18.47 -0.40 -0.50	18.68 -0.42 -0.73	18.70 -0.44 -0.77	18.54 -0.51 -0.92	18.98 -0.30 -0.84	20.00 -0.20 -0.31	20.79 -0.16 -0.71	22.79 -0.20 -0.56	24.81 0.00 0.00	24.69 0.22 0.00	22.97 0.34 0.00	22.33 0.27 0.00	20.76 0.23 0.00	18.43 -0.13 -0.20
SITHE___INDEPEND 23800	18.17 -0.40 -0.18	15.10 -0.35 -0.22	14.30 -0.33 -0.20	12.77 -0.28 -0.26	14.06 -0.31 -0.12	14.59 -0.33 -0.13	15.01 -0.35 -0.18	15.10 -0.35 -0.25	17.56 -0.43 -0.17	17.69 -0.43 -0.20	18.20 -0.40 -0.23	18.32 -0.39 -0.33	18.32 -0.40 -0.35	18.13 -0.42 -0.42	18.41 -0.41 -0.38	19.55 -0.48 -0.14	20.07 -0.51 -0.32	22.13 -0.56 -0.26	24.21 -0.60 0.00	23.89 -0.59 0.00	22.09 -0.54 0.00	21.54 -0.53 0.00	20.04 -0.49 0.00	18.04 -0.40 -0.09
SITHE___MASSENA 23902	18.04 -0.35 0.00	14.97 -0.26 0.00	14.20 -0.23 0.00	12.55 -0.24 0.00	13.98 -0.27 0.00	14.54 -0.25 0.00	14.97 -0.21 0.00	15.00 -0.20 0.00	17.56 -0.25 0.00	17.64 -0.29 0.00	18.04 -0.33 0.00	18.03 -0.35 0.00	18.01 -0.37 0.00	17.80 -0.33 0.00	18.01 -0.42 0.00	19.41 -0.48 0.00	19.80 -0.45 0.00	21.96 -0.47 0.00	24.19 -0.62 0.00	23.89 -0.59 0.00	22.09 -0.54 0.00	21.54 -0.53 0.00	20.06 -0.47 0.00	18.04 -0.31 0.00
SITHE___OGDNSBRG 24021	18.14 -0.26 0.00	15.02 -0.21 0.00	14.23 -0.20 0.00	12.58 -0.22 0.00	14.00 -0.26 0.00	14.59 -0.21 0.00	15.01 -0.17 0.00	15.05 -0.15 0.00	17.60 -0.21 0.00	17.68 -0.25 0.00	18.10 -0.28 0.00	18.06 -0.31 0.00	18.01 -0.37 0.00	17.82 -0.31 0.00	17.99 -0.44 0.00	19.41 -0.48 0.00	19.80 -0.45 0.00	22.00 -0.43 0.00	24.24 -0.57 0.00	23.98 -0.49 0.00	22.20 -0.43 0.00	21.63 -0.44 0.00	20.12 -0.41 0.00	18.10 -0.26 0.00
SITHE___STERLING 23777	19.00 0.44 -0.17	15.77 0.33 -0.20	14.92 0.30 -0.19	13.28 0.24 -0.24	14.62 0.26 -0.11	15.23 0.33 -0.12	15.65 0.30 -0.17	15.72 0.29 -0.23	18.31 0.34 -0.16	18.41 0.30 -0.18	18.97 0.39 -0.21	19.10 0.42 -0.31	19.09 0.39 -0.32	18.88 0.36 -0.39	19.17 0.39 -0.36	20.46 0.44 -0.13	20.99 0.44 -0.30	23.16 0.49 -0.24	25.43 0.62 0.00	25.11 0.64 0.00	23.27 0.63 0.00	22.64 0.57 0.00	21.05 0.51 0.00	18.83 0.39 -0.09
SLEIGHT__34_KV_TB1 80719	19.09 0.35 -0.34	15.88 0.24 -0.41	15.03 0.22 -0.38	13.49 0.20 -0.49	14.71 0.24 -0.22	15.31 0.28 -0.24	15.76 0.24 -0.34	15.95 0.27 -0.47	18.43 0.29 -0.33	18.58 0.29 -0.37	19.21 0.40 -0.43	19.44 0.44 -0.62	19.44 0.40 -0.66	19.28 0.36 -0.79	19.61 0.46 -0.72	20.71 0.56 -0.26	21.36 0.51 -0.60	23.47 0.56 -0.48	25.53 0.72 0.00	25.11 0.64 0.00	23.22 0.59 0.00	22.62 0.55 0.00	21.01 0.47 0.00	18.86 0.33 -0.17
SOUTH CAIRO___GT 23612	22.66 1.01 -3.25	19.89 0.76 -3.90	18.81 0.76 -3.61	18.21 0.75 -4.66	17.16 0.84 -2.07	17.88 0.86 -2.23	19.29 0.88 -3.23	20.54 0.87 -4.47	21.90 0.98 -3.11	21.88 1.22 -2.73	22.59 1.16 -3.06	23.54 1.12 -4.04	24.41 1.05 -4.99	24.28 1.07 -5.09	25.69 1.11 -6.15	23.35 0.97 -2.49	26.95 0.97 -5.73	28.18 1.19 -4.56	25.25 1.64 1.19	25.99 1.52 0.00	24.15 1.52 0.00	23.57 1.50 0.00	21.95 1.42 0.00	20.96 0.97 -1.63
SOUTH HAMPTN___IC 23720	23.26 2.08 -2.79	20.30 1.74 -3.33	19.08 1.56 -3.09	18.20 1.42 -3.98	17.60 1.57 -1.77	18.36 1.66 -1.91	19.59 1.64 -2.77	20.67 1.64 -3.83	22.58 2.10 -2.66	22.97 2.04 -3.00	26.98 2.00 -6.60	27.29 2.02 -6.90	27.63 2.04 -7.22	28.40 2.12 -8.15	28.43 2.30 -7.69	28.01 2.49 -5.63	29.93 2.67 -7.01	32.12 2.98 -6.71	30.14 3.30 -2.03	28.60 3.13 -1.00	28.08 2.74 -2.71	28.07 2.69 -3.31	23.26 2.57 -0.16	21.97 2.18 -1.43
SOUTHDOW_115KV_TB1 355954	18.66 -0.24 -0.51	15.54 -0.30 -0.61	14.78 -0.22 -0.57	13.43 -0.09 -0.73	14.52 -0.06 -0.32	15.05 -0.09 -0.35	15.52 -0.17 -0.51	15.74 -0.17 -0.70	17.91 -0.39 -0.49	18.17 -0.30 -0.55	18.66 -0.35 -0.64	18.97 -0.33 -0.92	18.91 -0.44 -0.98	18.74 -0.56 -1.17	19.15 -0.35 -1.07	20.08 -0.20 -0.39	21.09 -0.06 -0.90	23.01 -0.13 -0.71	25.18 0.37 0.00	25.21 0.73 0.00	23.38 0.75 0.00	22.82 0.75 0.00	20.93 0.39 0.00	18.48 -0.13 -0.26
SOUTHOLD_69_KV_BK 2 55809	23.62 2.45 -2.78	20.55 2.00 -3.33	19.38 1.86 -3.08	18.41 1.64 -3.98	17.87 1.85 -1.77	18.65 1.95 -1.90	19.88 1.94 -2.76	21.00 1.98 -3.82	22.98 2.51 -2.65	23.37 2.46 -2.99	27.42 2.44 -6.60	27.74 2.46 -6.90	28.10 2.50 -7.22	28.84 2.56 -8.16	28.85 2.73 -7.70	28.51 2.98 -5.63	30.44 3.18 -7.01	32.71 3.57 -6.71	30.78 3.94 -2.03	29.24 3.77 -1.00	28.65 3.30 -2.71	28.62 3.24 -3.31	23.81 3.12 -0.16	22.38 2.59 -1.43
SOUTHOLD___IC 23719	23.64 2.47 -2.79	20.62 2.06 -3.33	19.39 1.86 -3.09	18.44 1.66 -3.98	17.88 1.85 -1.77	18.66 1.95 -1.91	19.89 1.94 -2.77	21.00 1.98 -3.83	22.99 2.51 -2.66	23.38 2.46 -3.00	27.42 2.44 -6.60	27.74 2.46 -6.90	28.09 2.50 -7.22	28.84 2.56 -8.15	28.85 2.73 -7.69	28.50 2.98 -5.63	30.45 3.20 -7.01	32.71 3.57 -6.71	30.78 3.94 -2.03	29.24 3.77 -1.00	28.63 3.28 -2.71	28.62 3.24 -3.31	23.71 3.02 -0.16	22.38 2.59 -1.43

SPIERFLS_115KV_TB 1 80737	23.06 1.10 -3.56	20.36 0.87 -4.26	19.19 0.81 -3.95	18.61 0.72 -5.10	17.34 0.83 -2.26	18.06 0.83 -2.44	19.57 0.85 -3.54	20.97 0.87 -4.90	22.34 1.12 -3.41	23.83 1.17 -4.73	25.11 1.12 -5.62	28.05 1.08 -8.59	27.61 0.99 -8.24	30.08 0.98 -10.97	27.61 0.88 -8.30	23.57 0.95 -2.72	27.66 1.13 -6.28	28.75 1.32 -4.99	27.79 1.59 -1.39	26.06 1.59 0.00	24.17 1.54 0.00	23.52 1.46 0.00	21.81 1.27 0.00	21.63 1.49 -1.79
ST LAWRENCE____ 23600	17.91 -0.48 0.00	14.86 -0.37 0.00	14.09 -0.35 0.00	12.47 -0.32 0.00	13.90 -0.36 0.00	14.44 -0.36 0.00	14.85 -0.33 0.00	14.87 -0.33 0.00	17.42 -0.39 0.00	17.52 -0.41 0.00	17.90 -0.48 0.00	17.88 -0.50 0.00	17.88 -0.50 0.00	17.67 -0.45 0.00	17.88 -0.55 0.00	19.27 -0.62 0.00	19.64 -0.61 0.00	21.78 -0.65 0.00	24.01 -0.79 0.00	23.69 -0.78 0.00	21.91 -0.73 0.00	21.36 -0.71 0.00	19.90 -0.64 0.00	17.90 -0.46 0.00
STATE_CA_115KV_115_LB 55624	22.53 0.66 -3.47	19.92 0.53 -4.16	18.82 0.53 -3.86	18.30 0.54 -4.97	17.09 0.63 -2.21	17.81 0.64 -2.38	19.25 0.62 -3.45	20.60 0.62 -4.77	21.82 0.69 -3.32	21.22 0.72 -2.58	21.90 0.70 -2.83	22.59 0.70 -3.51	23.85 0.68 -4.79	23.19 0.67 -4.40	25.41 0.72 -6.26	23.34 0.80 -2.65	27.15 0.79 -6.11	28.16 0.87 -4.86	23.99 0.97 1.79	25.43 0.95 0.00	23.52 0.88 0.00	22.93 0.86 0.00	21.40 0.86 0.00	20.76 0.66 -1.74
STATE_ST_34_KV_LOAD 55959	18.90 0.15 -0.36	15.72 0.06 -0.43	14.88 0.04 -0.40	13.46 0.15 -0.52	14.68 0.20 -0.23	15.13 0.09 -0.25	15.60 0.06 -0.36	15.77 0.08 -0.50	18.25 0.09 -0.35	18.40 0.09 -0.39	18.99 0.17 -0.45	19.23 0.20 -0.65	19.23 0.17 -0.69	19.10 0.15 -0.83	19.41 0.22 -0.76	20.42 0.26 -0.28	21.11 0.22 -0.64	23.21 0.27 -0.51	25.18 0.37 0.00	24.79 0.32 0.00	22.93 0.29 0.00	22.33 0.26 0.00	20.76 0.23 0.00	18.66 0.13 -0.18
STATION 5_MISC_HYD 23604	18.69 -0.06 -0.35	15.46 -0.18 -0.42	14.68 -0.14 -0.39	13.23 -0.06 -0.50	14.43 -0.04 -0.22	14.96 -0.07 -0.24	15.37 -0.15 -0.35	15.53 -0.15 -0.48	17.84 -0.30 -0.33	18.05 -0.25 -0.37	18.61 -0.20 -0.44	18.80 -0.20 -0.63	18.84 -0.20 -0.67	18.69 -0.24 -0.80	19.07 -0.09 -0.73	20.12 -0.04 -0.27	20.80 -0.06 -0.61	22.83 -0.09 -0.49	24.76 -0.05 0.00	24.52 0.05 0.00	22.77 0.14 0.00	22.16 0.09 0.00	20.62 0.08 0.00	18.44 -0.09 -0.18
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	18.69 -0.06 -0.35	15.55 -0.09 -0.42	14.75 -0.07 -0.39	13.25 -0.04 -0.50	14.45 -0.03 -0.22	15.00 -0.03 -0.24	15.45 -0.08 -0.35	15.62 -0.06 -0.48	17.99 -0.16 -0.33	18.18 -0.13 -0.37	18.75 -0.06 -0.43	18.97 -0.04 -0.63	18.98 -0.06 -0.67	18.82 -0.11 -0.80	19.18 0.02 -0.73	20.24 0.08 -0.27	20.90 0.04 -0.61	22.96 0.04 -0.49	24.96 0.15 0.00	24.67 0.20 0.00	22.84 0.20 0.00	22.24 0.18 0.00	20.60 0.06 0.00	18.51 -0.02 -0.17
STA_56_34_KV_BUS2_REV_LBMP_B 345033	18.52 -0.22 -0.35	15.38 -0.26 -0.41	14.60 -0.22 -0.38	13.15 -0.14 -0.49	14.34 -0.13 -0.22	14.87 -0.16 -0.24	15.28 -0.24 -0.34	15.45 -0.23 -0.47	17.77 -0.37 -0.33	17.98 -0.32 -0.37	18.53 -0.28 -0.43	18.76 -0.24 -0.62	18.78 -0.26 -0.66	18.61 -0.31 -0.79	18.99 -0.17 -0.73	20.03 -0.12 -0.26	20.72 -0.14 -0.61	22.71 -0.20 -0.48	24.66 -0.15 0.00	24.40 -0.07 0.00	22.61 -0.02 0.00	22.02 -0.04 0.00	20.37 -0.16 0.00	18.34 -0.18 -0.17
STA_56____34_KV_BUS2 355983	18.52 -0.22 -0.35	15.38 -0.26 -0.41	14.60 -0.22 -0.38	13.15 -0.14 -0.49	14.34 -0.13 -0.22	14.87 -0.16 -0.24	15.28 -0.24 -0.34	15.45 -0.23 -0.47	17.77 -0.37 -0.33	17.98 -0.32 -0.37	18.53 -0.28 -0.43	18.76 -0.24 -0.62	18.78 -0.26 -0.66	18.61 -0.31 -0.79	18.99 -0.17 -0.73	20.03 -0.12 -0.26	20.72 -0.14 -0.61	22.71 -0.20 -0.48	24.66 -0.15 0.00	24.40 -0.07 0.00	22.61 -0.02 0.00	22.02 -0.04 0.00	20.37 -0.16 0.00	18.34 -0.18 -0.17
STA_67____115KV_BK2 355882	18.58 -0.17 -0.35	15.43 -0.21 -0.42	14.66 -0.16 -0.39	13.20 -0.09 -0.50	14.40 -0.07 -0.22	14.93 -0.10 -0.24	15.34 -0.18 -0.35	15.50 -0.18 -0.48	17.81 -0.34 -0.33	18.01 -0.29 -0.37	18.57 -0.24 -0.43	18.80 -0.20 -0.63	18.80 -0.24 -0.67	18.64 -0.29 -0.80	19.02 -0.15 -0.73	20.08 -0.08 -0.27	20.76 -0.10 -0.61	22.78 -0.13 -0.49	24.71 -0.10 0.00	24.47 0.00 0.00	22.68 0.05 0.00	22.11 0.04 0.00	20.43 -0.10 0.00	18.40 -0.13 -0.17
STA_7____115KV_9TRANS 80674	18.69 -0.06 -0.35	15.52 -0.12 -0.42	14.73 -0.09 -0.39	13.28 -0.01 -0.50	14.49 0.01 -0.22	15.00 -0.03 -0.24	15.42 -0.11 -0.35	15.59 -0.09 -0.48	17.91 -0.23 -0.33	18.12 -0.18 -0.37	18.70 -0.11 -0.44	18.93 -0.07 -0.63	18.93 -0.11 -0.67	18.76 -0.16 -0.80	19.16 0.00 -0.73	20.22 0.06 -0.27	20.92 0.06 -0.61	22.94 0.02 -0.49	24.91 0.10 0.00	24.67 0.20 0.00	22.86 0.23 0.00	22.26 0.20 0.00	20.60 0.06 0.00	18.51 -0.02 -0.18
STA_82____115KV_TB1 80780	18.58 -0.17 -0.35	15.45 -0.20 -0.42	14.66 -0.16 -0.39	13.22 -0.08 -0.50	14.40 -0.07 -0.22	14.93 -0.10 -0.24	15.35 -0.18 -0.35	15.52 -0.17 -0.48	17.81 -0.34 -0.33	18.03 -0.27 -0.38	18.57 -0.24 -0.44	18.81 -0.20 -0.63	18.82 -0.22 -0.67	18.66 -0.27 -0.80	19.04 -0.13 -0.74	20.08 -0.08 -0.27	20.77 -0.10 -0.62	22.79 -0.13 -0.49	24.71 -0.10 0.00	24.47 0.00 0.00	22.70 0.07 0.00	22.11 0.04 0.00	20.45 -0.08 0.00	18.40 -0.13 -0.18
STEEL____WIND 323596	18.46 -0.40 -0.47	15.26 -0.53 -0.57	14.52 -0.43 -0.52	13.18 -0.29 -0.68	14.25 -0.30 -0.30	14.76 -0.36 -0.32	15.19 -0.45 -0.47	15.38 -0.47 -0.65	17.48 -0.78 -0.45	17.74 -0.70 -0.51	18.25 -0.72 -0.59	18.49 -0.74 -0.85	18.52 -0.75 -0.90	18.38 -0.83 -1.09	18.78 -0.65 -0.99	19.73 -0.52 -0.36	20.64 -0.45 -0.83	22.53 -0.56 -0.66	24.51 -0.30 0.00	24.45 -0.02 0.00	22.70 0.07 0.00	22.09 0.02 0.00	20.52 -0.02 0.00	18.11 -0.48 -0.24
STEPHTWN_115KV_BK_2 55603	22.60 0.77 -3.43	19.95 0.61 -4.11	18.87 0.62 -3.81	18.33 0.61 -4.92	17.15 0.71 -2.18	17.89 0.74 -2.35	19.32 0.73 -3.41	20.65 0.73 -4.72	21.91 0.82 -3.28	21.10 0.84 -2.33	21.74 0.85 -2.52	22.16 0.83 -2.96	23.58 0.81 -4.39	22.60 0.80 -3.68	25.30 0.87 -6.00	23.43 0.91 -2.62	27.16 0.87 -6.04	28.24 1.01 -4.80	23.82 1.12 2.10	25.60 1.13 0.00	23.67 1.04 0.00	23.08 1.02 0.00	21.52 0.99 0.00	20.83 0.75 -1.72
STEBEN_REC_LFGE 323667	19.04 0.04 -0.61	15.91 -0.05 -0.73	15.10 -0.01 -0.68	13.69 0.03 -0.87	14.70 0.06 -0.39	15.24 0.03 -0.42	15.76 -0.03 -0.61	16.01 -0.03 -0.84	18.20 -0.20 -0.58	18.40 -0.18 -0.66	18.95 -0.18 -0.76	19.27 -0.20 -1.10	19.25 -0.29 -1.17	19.13 -0.40 -1.40	19.47 -0.24 -1.28	20.28 -0.08 -0.47	21.26 -0.06 -1.07	23.28 0.00 -0.85	25.18 0.37 0.00	25.06 0.59 0.00	23.22 0.59 0.00	22.64 0.57 0.00	20.91 0.37 0.00	18.66 0.00 -0.31
STONY____BROOK 24151	23.09 1.91 -2.79	20.13 1.57 -3.33	18.97 1.44 -3.09	18.10 1.32 -3.98	17.48 1.45 -1.77	18.17 1.46 -1.91	19.44 1.49 -2.77	20.52 1.49 -3.83	22.35 1.87 -2.66	22.77 1.85 -3.00	26.76 1.78 -6.60	27.07 1.80 -6.90	27.43 1.84 -7.22	28.13 1.85 -8.15	28.15 2.03 -7.69	27.77 2.25 -5.63	29.60 2.35 -7.01	31.74 2.60 -6.71	29.71 2.88 -2.03	28.24 2.76 -1.00	27.79 2.45 -2.71	27.78 2.41 -3.31	22.95 2.26 -0.16	21.70 1.91 -1.43

STURGEON_POOL_HYD 23609	22.27 1.01 -2.86	19.49 0.84 -3.43	18.39 0.78 -3.18	17.52 0.63 -4.10	16.73 0.66 -1.82	17.45 0.70 -1.96	18.78 0.76 -2.84	19.88 0.74 -3.93	21.49 0.94 -2.73	21.94 1.11 -2.90	22.87 1.14 -3.36	24.29 1.14 -4.77	24.76 1.18 -5.21	25.32 1.14 -6.06	25.63 1.31 -5.89	23.42 1.33 -2.20	26.69 1.38 -5.07	27.96 1.50 -4.03	26.42 1.89 0.28	26.19 1.71 0.00	24.17 1.54 0.00	23.61 1.54 0.00	21.97 1.44 0.00	20.75 0.95 -1.44
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	21.98 0.99 -2.60	19.16 0.82 -3.11	18.08 0.76 -2.88	17.15 0.64 -3.72	16.59 0.68 -1.65	17.30 0.72 -1.78	18.54 0.77 -2.58	19.53 0.76 -3.57	21.26 0.96 -2.48	21.69 0.97 -2.80	22.65 0.99 -3.28	24.11 0.99 -4.75	24.42 1.03 -5.02	25.14 0.98 -6.03	25.09 1.14 -5.52	23.21 1.31 -2.01	26.21 1.34 -4.63	27.59 1.48 -3.68	26.45 1.64 0.00	26.06 1.59 0.00	24.08 1.45 0.00	23.48 1.41 0.00	21.85 1.31 0.00	20.61 0.94 -1.32
SWANROAD_115KV_TB1 355699	17.96 -0.86 -0.43	14.93 -0.82 -0.52	14.22 -0.69 -0.48	12.89 -0.52 -0.62	13.97 -0.56 -0.28	14.48 -0.61 -0.30	14.87 -0.74 -0.43	15.04 -0.76 -0.60	17.09 -1.14 -0.42	17.34 -1.06 -0.47	17.83 -1.08 -0.54	18.15 -1.01 -0.79	18.12 -1.08 -0.83	17.96 -1.16 -1.00	18.35 -1.00 -0.91	19.31 -0.91 -0.33	20.14 -0.87 -0.77	22.01 -1.03 -0.61	23.79 -1.02 0.00	23.71 -0.76 0.00	22.00 -0.63 0.00	21.45 -0.62 0.00	19.76 -0.78 0.00	17.75 -0.83 -0.22
SYNERGY___BIOGAS 323694	18.74 -0.06 -0.40	15.47 -0.24 -0.48	14.71 -0.17 -0.45	13.29 -0.08 -0.57	14.45 -0.06 -0.26	14.98 -0.09 -0.28	15.38 -0.20 -0.40	15.56 -0.20 -0.55	17.72 -0.48 -0.38	17.93 -0.43 -0.43	18.47 -0.40 -0.50	18.68 -0.42 -0.73	18.70 -0.44 -0.77	18.54 -0.51 -0.92	18.98 -0.30 -0.84	20.00 -0.20 -0.31	20.79 -0.16 -0.71	22.79 -0.20 -0.56	24.81 0.00 0.00	24.69 0.22 0.00	22.97 0.34 0.00	22.33 0.27 0.00	20.76 0.23 0.00	18.43 -0.13 -0.20
SYRACUSE___ENERGY_ST1 323597	18.68 0.00 -0.29	15.56 -0.02 -0.35	14.74 -0.01 -0.32	13.20 -0.01 -0.42	14.44 0.00 -0.19	14.99 0.00 -0.20	15.45 -0.02 -0.29	15.59 -0.02 -0.40	18.06 -0.04 -0.28	18.20 -0.04 -0.31	18.78 0.04 -0.36	18.94 0.04 -0.53	18.97 0.04 -0.56	18.81 0.02 -0.67	19.10 0.06 -0.61	20.19 0.08 -0.22	20.80 0.04 -0.51	22.86 0.02 -0.41	24.88 0.07 0.00	24.50 0.02 0.00	22.66 0.02 0.00	22.09 0.02 0.00	20.56 0.02 0.00	18.48 -0.02 -0.15
SYRACUSE___ENERGY_ST2 323598	18.68 0.00 -0.29	15.56 -0.02 -0.35	14.74 -0.01 -0.32	13.20 -0.01 -0.42	14.44 0.00 -0.19	14.99 0.00 -0.20	15.45 -0.02 -0.29	15.59 -0.02 -0.40	18.06 -0.04 -0.28	18.20 -0.04 -0.31	18.78 0.04 -0.36	18.94 0.04 -0.53	18.97 0.04 -0.56	18.81 0.02 -0.67	19.10 0.06 -0.61	20.19 0.08 -0.22	20.80 0.04 -0.51	22.86 0.02 -0.41	24.88 0.07 0.00	24.50 0.02 0.00	22.66 0.02 0.00	22.09 0.02 0.00	20.56 0.02 0.00	18.48 -0.02 -0.15
SYRACUSE___POWER 24017	18.66 -0.04 -0.30	15.55 -0.05 -0.36	14.71 -0.06 -0.34	13.19 -0.04 -0.43	14.40 -0.04 -0.19	14.96 -0.04 -0.21	15.42 -0.06 -0.30	15.56 -0.06 -0.42	18.01 -0.09 -0.29	18.18 -0.07 -0.33	18.74 -0.02 -0.38	18.92 0.00 -0.55	18.94 -0.02 -0.58	18.79 -0.04 -0.70	19.09 0.02 -0.64	20.14 0.02 -0.23	20.76 -0.02 -0.53	22.83 -0.02 -0.42	24.83 0.02 0.00	24.47 0.00 0.00	22.63 0.00 0.00	22.07 0.00 0.00	20.52 -0.02 0.00	18.45 -0.06 -0.15
TALLMAN__138KV_BK151 55660	22.18 1.12 -2.67	19.34 0.91 -3.19	18.24 0.85 -2.96	17.34 0.73 -3.82	16.73 0.78 -1.69	17.43 0.81 -1.83	18.69 0.87 -2.65	19.73 0.87 -3.67	21.45 1.09 -2.55	21.89 1.09 -2.87	22.86 1.12 -3.37	24.39 1.14 -4.87	24.70 1.18 -5.15	25.46 1.14 -6.20	25.41 1.31 -5.67	23.44 1.49 -2.06	26.56 1.56 -4.75	27.91 1.70 -3.78	26.67 1.86 0.00	26.28 1.81 0.00	24.26 1.63 0.00	23.66 1.59 0.00	22.01 1.48 0.00	20.77 1.06 -1.35
TEALLAVE_115KV_TB7 355573	18.56 -0.09 -0.25	15.44 -0.09 -0.31	14.63 -0.09 -0.28	13.08 -0.08 -0.36	14.34 -0.07 -0.16	14.89 -0.07 -0.17	15.34 -0.09 -0.25	15.46 -0.09 -0.35	17.93 -0.12 -0.24	18.08 -0.13 -0.27	18.62 -0.07 -0.32	18.78 -0.06 -0.46	18.81 -0.06 -0.49	18.64 -0.07 -0.59	18.93 -0.04 -0.54	20.05 -0.04 -0.19	20.62 -0.08 -0.45	22.70 -0.09 -0.36	24.76 -0.05 0.00	24.40 -0.07 0.00	22.57 -0.07 0.00	22.00 -0.07 0.00	20.45 -0.08 0.00	18.39 -0.09 -0.13
TELGRAPH_34_KV_EAST 80808	18.38 -0.42 -0.41	15.27 -0.46 -0.50	14.53 -0.36 -0.46	13.14 -0.24 -0.59	14.27 -0.24 -0.26	14.80 -0.28 -0.28	15.20 -0.39 -0.41	15.36 -0.41 -0.57	17.50 -0.71 -0.40	17.74 -0.63 -0.45	18.27 -0.62 -0.52	18.55 -0.57 -0.75	18.52 -0.64 -0.79	18.37 -0.71 -0.95	18.77 -0.53 -0.87	19.77 -0.44 -0.32	20.59 -0.38 -0.73	22.52 -0.49 -0.58	24.46 -0.35 0.00	24.35 -0.12 0.00	22.59 -0.05 0.00	22.02 -0.04 0.00	20.29 -0.25 0.00	18.18 -0.39 -0.21
TEMPLE___115KV_TB 2 55572	18.58 -0.07 -0.26	15.46 -0.08 -0.31	14.65 -0.07 -0.29	13.10 -0.06 -0.37	14.36 -0.06 -0.16	14.90 -0.07 -0.18	15.35 -0.09 -0.26	15.47 -0.09 -0.36	17.94 -0.12 -0.25	18.10 -0.11 -0.28	18.64 -0.06 -0.32	18.80 -0.04 -0.47	18.83 -0.04 -0.49	18.65 -0.07 -0.59	18.96 -0.02 -0.54	20.07 -0.02 -0.20	20.64 -0.06 -0.46	22.72 -0.07 -0.36	24.76 -0.05 0.00	24.40 -0.07 0.00	22.57 -0.07 0.00	22.00 -0.07 0.00	20.47 -0.06 0.00	18.39 -0.09 -0.13
TIANA____69_KV_BK 1 55817	23.14 1.97 -2.78	20.15 1.60 -3.33	19.00 1.49 -3.08	18.09 1.32 -3.98	17.52 1.50 -1.77	18.28 1.58 -1.90	19.50 1.56 -2.76	20.59 1.57 -3.82	22.48 2.01 -2.65	22.85 1.94 -2.99	26.87 1.89 -6.60	27.18 1.91 -6.90	27.53 1.93 -7.22	28.29 2.01 -8.16	28.32 2.19 -7.70	27.89 2.37 -5.63	29.81 2.55 -7.01	31.97 2.83 -6.71	29.97 3.13 -2.03	28.43 2.96 -1.00	27.97 2.63 -2.71	27.94 2.56 -3.31	23.24 2.55 -0.16	21.88 2.09 -1.43
TILDEN___115KV_TB1 80814	18.66 -0.04 -0.30	15.55 -0.05 -0.36	14.71 -0.06 -0.34	13.19 -0.04 -0.43	14.40 -0.04 -0.19	14.96 -0.04 -0.21	15.42 -0.06 -0.30	15.56 -0.06 -0.42	18.01 -0.09 -0.29	18.18 -0.07 -0.33	18.74 -0.02 -0.38	18.92 0.00 -0.55	18.94 -0.02 -0.58	18.79 -0.04 -0.70	19.09 0.02 -0.64	20.14 0.02 -0.23	20.76 -0.02 -0.53	22.83 -0.02 -0.42	24.83 0.02 0.00	24.47 0.00 0.00	22.63 0.00 0.00	22.07 0.00 0.00	20.52 -0.02 0.00	18.45 -0.06 -0.15
TRIGEN___CC 323695	22.75 1.58 -2.78	19.86 1.31 -3.33	18.74 1.23 -3.08	17.84 1.07 -3.98	17.19 1.17 -1.77	17.89 1.20 -1.90	19.21 1.28 -2.76	20.28 1.26 -3.82	22.00 1.53 -2.65	22.46 1.54 -2.99	26.45 1.47 -6.60	26.76 1.49 -6.90	27.12 1.53 -7.22	27.75 1.47 -8.16	27.77 1.64 -7.70	27.37 1.85 -5.63	29.18 1.92 -7.01	31.25 2.11 -6.71	29.15 2.31 -2.03	27.72 2.25 -1.00	27.36 2.01 -2.71	27.36 1.99 -3.31	22.60 1.91 -0.16	21.31 1.52 -1.43
TRINITY__115KV__ 4 BK 55933	22.44 0.61 -3.44	19.84 0.49 -4.12	18.75 0.49 -3.82	18.24 0.51 -4.93	17.03 0.58 -2.19	17.74 0.59 -2.36	19.17 0.58 -3.42	20.51 0.58 -4.73	21.74 0.64 -3.29	20.95 0.65 -2.37	21.59 0.64 -2.57	22.05 0.62 -3.05	23.44 0.61 -4.46	22.52 0.60 -3.79	25.14 0.66 -6.05	23.23 0.72 -2.63	27.03 0.73 -6.06	28.05 0.81 -4.81	23.65 0.89 2.05	25.35 0.88 0.00	23.45 0.81 0.00	22.86 0.79 0.00	21.34 0.80 0.00	20.69 0.61 -1.73

UNION___PROCESSING_DRP 323587	18.60 -0.15 -0.35	15.45 -0.20 -0.42	14.66 -0.16 -0.39	13.22 -0.08 -0.50	14.42 -0.06 -0.22	14.93 -0.10 -0.24	15.36 -0.17 -0.35	15.52 -0.17 -0.48	17.83 -0.32 -0.33	18.03 -0.27 -0.38	18.59 -0.22 -0.44	18.82 -0.18 -0.63	18.82 -0.22 -0.67	18.66 -0.27 -0.81	19.04 -0.13 -0.74	20.08 -0.08 -0.27	20.79 -0.08 -0.62	22.79 -0.13 -0.49	24.73 -0.07 0.00	24.50 0.02 0.00	22.70 0.07 0.00	22.11 0.04 0.00	20.45 -0.08 0.00	18.40 -0.13 -0.18
UPPER HUDSON___HYD 24058	23.06 1.10 -3.56	20.36 0.87 -4.26	19.19 0.81 -3.95	18.61 0.72 -5.10	17.34 0.83 -2.26	18.06 0.83 -2.44	19.57 0.85 -3.54	20.96 0.87 -4.90	22.34 1.12 -3.40	23.82 1.16 -4.73	25.11 1.12 -5.62	28.05 1.08 -8.59	27.61 0.99 -8.24	30.08 0.98 -10.97	27.61 0.88 -8.30	23.57 0.95 -2.72	27.66 1.13 -6.28	28.75 1.32 -4.99	27.79 1.59 -1.39	26.06 1.59 0.00	24.17 1.54 0.00	23.52 1.46 0.00	22.36 1.83 0.00	21.63 1.49 -1.79
UPPER RAQUET___HYD 24056	17.84 -0.55 0.00	14.80 -0.43 0.00	14.03 -0.40 0.00	12.40 -0.40 0.00	13.80 -0.46 0.00	14.38 -0.41 0.00	14.80 -0.38 0.00	14.84 -0.36 0.00	17.37 -0.44 0.00	17.44 -0.48 0.00	17.86 -0.51 0.00	17.84 -0.53 0.00	17.79 -0.59 0.00	17.58 -0.54 0.00	17.77 -0.66 0.00	19.17 -0.72 0.00	19.56 -0.69 0.00	21.71 -0.72 0.00	23.92 -0.89 0.00	23.64 -0.83 0.00	21.89 -0.75 0.00	21.32 -0.75 0.00	19.84 -0.70 0.00	17.84 -0.51 0.00
VALLEY44_115KV_TB2 355964	17.98 -0.94 -0.53	14.99 -0.87 -0.63	14.25 -0.76 -0.58	12.94 -0.60 -0.75	13.95 -0.64 -0.33	14.46 -0.70 -0.36	14.91 -0.79 -0.52	15.12 -0.81 -0.72	17.21 -1.10 -0.50	17.45 -1.04 -0.57	17.97 -1.07 -0.66	18.30 -1.03 -0.95	18.30 -1.08 -1.00	18.14 -1.20 -1.21	18.58 -0.96 -1.11	19.42 -0.88 -0.40	20.41 -0.77 -0.93	22.27 -0.90 -0.74	24.46 -0.35 0.00	24.40 -0.07 0.00	22.61 -0.02 0.00	22.04 -0.02 0.00	20.21 -0.33 0.00	17.74 -0.88 -0.26
VALLEY___115KV_TB 1-4 80826	18.60 0.20 0.00	15.38 0.15 0.00	14.58 0.14 0.00	12.86 0.06 0.00	14.32 0.07 0.00	14.94 0.15 0.00	15.32 0.14 0.00	15.29 0.09 0.00	17.92 0.11 0.00	18.02 0.09 0.00	18.52 0.15 0.00	18.52 0.15 0.00	18.48 0.11 0.00	18.20 0.07 0.00	18.50 0.07 0.00	19.97 0.08 0.00	20.33 0.08 0.00	22.52 0.09 0.00	24.91 0.10 0.00	24.60 0.12 0.00	22.75 0.11 0.00	22.24 0.18 0.00	20.70 0.16 0.00	18.48 0.13 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	20.19 0.66 -1.14	17.14 0.55 -1.36	16.19 0.49 -1.26	14.94 0.51 -1.63	15.53 0.56 -0.72	16.08 0.50 -0.78	16.83 0.52 -1.13	17.27 0.50 -1.57	19.52 0.62 -1.09	19.76 0.61 -1.22	20.48 0.68 -1.42	21.15 0.72 -2.06	21.23 0.68 -2.18	21.40 0.65 -2.62	21.56 0.74 -2.40	21.62 0.86 -0.87	23.15 0.89 -2.01	25.01 0.99 -1.60	25.95 1.14 0.00	25.60 1.13 0.00	23.70 1.06 0.00	23.10 1.04 0.00	21.44 0.90 0.00	19.59 0.66 -0.57
VISCHER___FERRY HYD 24020	22.80 0.92 -3.48	20.13 0.73 -4.17	19.01 0.71 -3.87	18.41 0.63 -4.99	17.18 0.71 -2.22	17.90 0.72 -2.39	19.40 0.76 -3.46	20.77 0.77 -4.79	22.12 0.98 -3.33	25.30 1.00 -6.37	27.15 1.01 -7.77	31.94 0.99 -12.57	30.20 0.97 -10.86	35.23 0.96 -16.14	29.13 1.01 -9.69	23.66 1.09 -2.67	27.53 1.11 -6.16	28.59 1.26 -4.90	30.27 1.41 -4.05	25.79 1.32 0.00	23.85 1.22 0.00	23.26 1.19 0.00	21.69 1.15 0.00	21.01 0.90 -1.76
V_A_10_SYNC_DSASP 323832	18.32 -0.46 -0.39	15.23 -0.47 -0.47	14.49 -0.38 -0.43	13.10 -0.26 -0.56	14.23 -0.27 -0.25	14.75 -0.31 -0.27	15.16 -0.41 -0.39	15.31 -0.43 -0.54	17.51 -0.68 -0.37	17.74 -0.61 -0.42	18.26 -0.61 -0.49	18.53 -0.55 -0.71	18.52 -0.61 -0.75	18.35 -0.67 -0.90	18.74 -0.52 -0.82	19.75 -0.44 -0.30	20.51 -0.43 -0.69	22.46 -0.52 -0.55	24.24 -0.57 0.00	24.08 -0.39 0.00	22.34 -0.29 0.00	21.78 -0.29 0.00	20.08 -0.45 0.00	18.11 -0.44 -0.20
V_CMM_10_SYNC_DSASP 323787	17.97 -0.42 0.00	14.91 -0.32 0.00	14.14 -0.29 0.00	12.51 -0.28 0.00	13.94 -0.31 0.00	14.48 -0.31 0.00	14.91 -0.27 0.00	14.93 -0.27 0.00	17.47 -0.34 0.00	17.59 -0.34 0.00	17.97 -0.40 0.00	17.95 -0.42 0.00	17.93 -0.44 0.00	17.73 -0.40 0.00	17.93 -0.50 0.00	19.35 -0.54 0.00	19.72 -0.53 0.00	21.87 -0.56 0.00	24.09 -0.72 0.00	23.79 -0.69 0.00	22.00 -0.63 0.00	21.45 -0.62 0.00	19.98 -0.55 0.00	17.97 -0.39 0.00
V_CMP_10_SYNC_DSASP 323788	18.50 0.11 0.00	15.32 0.09 0.00	14.55 0.11 0.00	12.91 0.11 0.00	14.37 0.11 0.00	14.90 0.10 0.00	15.36 0.18 0.00	15.40 0.20 0.00	18.01 0.20 0.00	18.07 0.14 0.00	18.47 0.09 0.00	18.41 0.04 0.00	18.37 0.00 0.00	18.16 0.04 0.00	18.39 -0.04 0.00	19.85 -0.04 0.00	20.29 0.04 0.00	22.54 0.11 0.00	24.76 -0.05 0.00	24.45 -0.02 0.00	22.61 -0.02 0.00	22.04 -0.02 0.00	20.56 0.02 0.00	18.45 0.09 0.00
V_E_10_SYNC_DSASP 323830	20.50 1.27 -0.84	17.24 1.00 -1.01	16.26 0.90 -0.94	14.78 0.78 -1.21	15.62 0.83 -0.54	16.32 0.95 -0.58	16.91 0.90 -0.84	17.24 0.88 -1.16	19.60 0.98 -0.81	19.71 0.88 -0.91	20.46 1.03 -1.05	20.93 1.03 -1.52	20.90 0.92 -1.61	20.93 0.87 -1.94	21.11 0.90 -1.77	21.63 1.09 -0.64	22.89 1.15 -1.49	24.93 1.32 -1.18	26.57 1.76 0.00	26.31 1.84 0.00	24.44 1.81 0.00	23.74 1.68 0.00	22.02 1.48 0.00	19.92 1.14 -0.42
V_F_30_NSYNC___DSASP 323816	23.10 1.16 -3.55	20.39 0.91 -4.25	19.24 0.87 -3.94	18.64 0.77 -5.08	17.39 0.88 -2.26	18.11 0.89 -2.43	19.62 0.91 -3.53	21.00 0.91 -4.88	22.36 1.16 -3.39	24.05 1.18 -4.94	25.49 1.21 -5.90	28.68 1.19 -9.11	28.12 1.16 -8.59	30.91 1.12 -11.65	28.05 1.14 -8.48	23.84 1.23 -2.72	27.83 1.32 -6.26	28.89 1.48 -4.98	28.21 1.66 -1.74	26.11 1.64 0.00	24.17 1.54 0.00	23.55 1.48 0.00	22.03 1.50 0.00	21.37 1.23 -1.79
V_F_30_SYNC_DSASP 323786	22.53 0.66 -3.47	19.90 0.52 -4.16	18.82 0.53 -3.85	18.30 0.54 -4.97	17.09 0.63 -2.21	17.81 0.64 -2.38	19.25 0.62 -3.45	20.59 0.62 -4.77	21.82 0.69 -3.31	21.21 0.72 -2.56	21.88 0.70 -2.81	22.55 0.70 -3.48	23.82 0.68 -4.76	23.14 0.67 -4.35	25.40 0.72 -6.25	23.33 0.80 -2.65	27.15 0.79 -6.11	28.16 0.87 -4.85	23.97 0.97 1.81	25.43 0.95 0.00	23.52 0.88 0.00	22.93 0.86 0.00	21.40 0.86 0.00	20.74 0.64 -1.74
V_XM_10_SYNC_DSASP 323789	18.50 0.11 0.00	15.32 0.09 0.00	14.55 0.11 0.00	12.91 0.11 0.00	14.37 0.11 0.00	14.90 0.10 0.00	15.36 0.18 0.00	15.40 0.20 0.00	18.01 0.20 0.00	18.07 0.14 0.00	18.47 0.09 0.00	18.41 0.04 0.00	18.37 0.00 0.00	18.16 0.04 0.00	18.39 -0.04 0.00	19.85 -0.04 0.00	20.29 0.04 0.00	22.54 0.11 0.00	24.76 -0.05 0.00	24.45 -0.02 0.00	22.61 -0.02 0.00	22.04 -0.02 0.00	20.56 0.02 0.00	18.45 0.09 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	22.25 1.18 -2.68	19.42 0.97 -3.21	18.32 0.91 -2.98	17.40 0.77 -3.84	16.80 0.84 -1.70	17.50 0.87 -1.84	18.77 0.93 -2.66	19.82 0.93 -3.69	21.53 1.16 -2.56	21.98 1.17 -2.88	22.95 1.19 -3.39	24.49 1.21 -4.90	24.81 1.25 -5.18	25.55 1.20 -6.23	25.51 1.38 -5.70	23.53 1.57 -2.07	26.65 1.62 -4.78	28.02 1.79 -3.80	26.77 1.96 0.00	26.38 1.91 0.00	24.35 1.72 0.00	23.74 1.68 0.00	22.08 1.54 0.00	20.85 1.14 -1.36

W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	22.49 1.32 -2.78	19.65 1.10 -3.32	18.54 1.02 -3.08	17.64 0.87 -3.98	16.97 0.95 -1.76	17.69 0.99 -1.90	19.00 1.06 -2.76	20.08 1.06 -3.82	21.77 1.30 -2.65	22.22 1.31 -2.99	23.22 1.34 -3.51	24.81 1.36 -5.08	25.14 1.40 -5.37	25.94 1.36 -6.46	25.87 1.53 -5.91	23.79 1.75 -2.15	27.02 1.82 -4.95	28.36 2.00 -3.93	26.99 2.18 0.00	26.58 2.10 0.00	24.49 1.86 0.00	23.90 1.83 0.00	22.26 1.72 0.00	21.05 1.28 -1.41
W50THST__13_KV_LOAD 356117	22.57 1.40 -2.78	19.71 1.16 -3.32	18.60 1.08 -3.08	17.69 0.92 -3.98	17.03 1.01 -1.76	17.75 1.05 -1.90	19.08 1.14 -2.76	20.14 1.12 -3.82	21.86 1.39 -2.65	22.31 1.40 -2.99	23.30 1.41 -3.51	24.90 1.45 -5.08	25.23 1.49 -5.37	26.03 1.45 -6.46	25.96 1.62 -5.91	23.89 1.85 -2.15	27.12 1.92 -4.95	28.47 2.11 -3.93	27.12 2.31 0.00	26.70 2.23 0.00	24.60 1.97 0.00	23.99 1.92 0.00	22.36 1.83 0.00	21.12 1.36 -1.41
WADING RIVER_IC_1 23522	22.85 1.67 -2.79	19.98 1.42 -3.33	18.78 1.26 -3.09	17.92 1.14 -3.98	17.28 1.25 -1.77	18.08 1.38 -1.91	19.28 1.34 -2.77	20.34 1.31 -3.83	22.20 1.73 -2.66	22.54 1.61 -3.00	26.52 1.54 -6.60	26.83 1.56 -6.90	27.18 1.58 -7.22	27.98 1.70 -8.15	28.01 1.88 -7.69	27.49 1.97 -5.63	29.42 2.17 -7.01	31.54 2.40 -6.71	29.49 2.66 -2.03	27.94 2.47 -1.00	27.52 2.17 -2.71	27.52 2.14 -3.31	22.79 2.10 -0.16	21.59 1.80 -1.43
WADING RIVER_IC_2 23547	22.85 1.67 -2.79	19.98 1.42 -3.33	18.78 1.26 -3.09	17.92 1.14 -3.98	17.28 1.25 -1.77	18.08 1.38 -1.91	19.28 1.34 -2.77	20.34 1.31 -3.83	22.20 1.73 -2.66	22.54 1.61 -3.00	26.52 1.54 -6.60	26.83 1.56 -6.90	27.18 1.58 -7.22	27.98 1.70 -8.15	28.01 1.88 -7.69	27.49 1.97 -5.63	29.42 2.17 -7.01	31.54 2.40 -6.71	29.49 2.66 -2.03	27.94 2.47 -1.00	27.52 2.17 -2.71	27.52 2.14 -3.31	22.79 2.10 -0.16	21.59 1.80 -1.43
WADING RIVER_IC_3 23601	22.85 1.67 -2.79	19.98 1.42 -3.33	18.78 1.26 -3.09	17.92 1.14 -3.98	17.28 1.25 -1.77	18.08 1.38 -1.91	19.28 1.34 -2.77	20.34 1.31 -3.83	22.20 1.73 -2.66	22.54 1.61 -3.00	26.52 1.54 -6.60	26.83 1.56 -6.90	27.18 1.58 -7.22	27.98 1.70 -8.15	28.01 1.88 -7.69	27.49 1.97 -5.63	29.42 2.17 -7.01	31.54 2.40 -6.71	29.49 2.66 -2.03	27.94 2.47 -1.00	27.52 2.17 -2.71	27.52 2.14 -3.31	22.79 2.10 -0.16	21.59 1.80 -1.43
WALDENNY_12_KV_BK2 80841	18.35 -0.51 -0.47	15.26 -0.53 -0.56	14.52 -0.43 -0.52	13.17 -0.29 -0.67	14.25 -0.30 -0.30	14.77 -0.34 -0.32	15.19 -0.46 -0.47	15.37 -0.47 -0.64	17.48 -0.78 -0.45	17.75 -0.68 -0.50	18.26 -0.70 -0.59	18.56 -0.66 -0.85	18.54 -0.73 -0.90	18.41 -0.80 -1.08	18.81 -0.61 -0.99	19.75 -0.50 -0.36	20.65 -0.43 -0.83	22.55 -0.54 -0.66	24.49 -0.32 0.00	24.45 -0.02 0.00	22.66 0.02 0.00	22.09 0.02 0.00	20.33 -0.21 0.00	18.11 -0.48 -0.24
WALDEN__HYDRO 24148	22.25 1.16 -2.70	19.39 0.93 -3.23	18.30 0.87 -3.00	17.40 0.74 -3.87	16.77 0.80 -1.72	17.46 0.81 -1.85	18.73 0.86 -2.68	19.77 0.85 -3.71	21.45 1.05 -2.58	21.91 1.08 -2.91	22.86 1.08 -3.41	24.39 1.08 -4.93	24.69 1.10 -5.21	25.46 1.07 -6.27	25.36 1.20 -5.73	23.37 1.39 -2.08	26.49 1.44 -4.80	27.84 1.59 -3.82	26.62 1.81 0.00	26.24 1.76 0.00	24.26 1.63 0.00	23.68 1.61 0.00	21.95 1.42 0.00	20.81 1.08 -1.37
WARRENSBURG____ 23737	23.06 1.10 -3.56	20.36 0.87 -4.26	19.19 0.81 -3.95	18.61 0.72 -5.10	17.34 0.83 -2.26	18.06 0.83 -2.44	19.57 0.85 -3.54	20.96 0.87 -4.90	22.34 1.12 -3.40	23.82 1.16 -4.73	25.11 1.12 -5.62	28.05 1.08 -8.59	27.61 0.99 -8.24	30.08 0.98 -10.97	27.61 0.88 -8.30	23.57 0.95 -2.72	27.66 1.13 -6.28	28.75 1.32 -4.99	27.79 1.59 -1.39	26.06 1.59 0.00	24.17 1.54 0.00	23.52 1.46 0.00	22.36 1.83 0.00	21.63 1.49 -1.79
WATERSIDE____6 8 9 23538	22.57 1.40 -2.78	19.72 1.16 -3.33	18.61 1.08 -3.09	17.71 0.93 -3.98	17.04 1.01 -1.77	17.73 1.04 -1.90	19.03 1.09 -2.76	20.07 1.05 -3.82	21.77 1.30 -2.65	22.20 1.29 -2.99	23.21 1.32 -3.51	24.79 1.34 -5.08	25.14 1.40 -5.37	25.96 1.38 -6.46	25.87 1.53 -5.91	23.79 1.75 -2.15	27.02 1.82 -4.95	28.36 2.00 -3.93	26.99 2.18 0.00	26.58 2.10 0.00	24.47 1.83 0.00	23.88 1.81 0.00	22.32 1.79 0.00	21.09 1.32 -1.41
WATKINRD_115KV_LN8_ILLION 55919	18.52 0.13 0.00	15.34 0.11 0.00	14.52 0.09 0.00	12.84 0.05 0.00	14.32 0.07 0.00	14.91 0.12 0.00	15.29 0.11 0.00	15.28 0.08 0.00	17.90 0.09 0.00	18.02 0.09 0.00	18.48 0.11 0.00	18.48 0.11 0.00	18.47 0.09 0.00	18.22 0.09 0.00	18.52 0.09 0.00	19.99 0.10 0.00	20.35 0.10 0.00	22.54 0.11 0.00	24.96 0.15 0.00	24.62 0.15 0.00	22.79 0.16 0.00	22.24 0.18 0.00	20.68 0.14 0.00	18.48 0.13 0.00
WATSON____69_KV_BK 1 55734	23.25 2.08 -2.78	20.25 1.69 -3.33	19.09 1.57 -3.08	18.15 1.38 -3.98	17.56 1.54 -1.77	18.28 1.58 -1.90	19.56 1.62 -2.76	20.66 1.64 -3.82	22.48 2.01 -2.65	22.90 1.99 -2.99	26.92 1.95 -6.60	27.24 1.97 -6.90	27.58 1.98 -7.22	28.26 1.98 -8.16	28.28 2.16 -7.70	27.95 2.43 -5.63	29.79 2.53 -7.01	31.92 2.78 -6.71	29.92 3.08 -2.03	28.46 2.99 -1.00	28.04 2.69 -2.71	28.00 2.63 -3.31	23.24 2.55 -0.16	21.86 2.07 -1.43
WDELAWARE__HYD 323627	21.78 0.88 -2.51	18.93 0.70 -3.00	17.85 0.63 -2.78	16.95 0.56 -3.59	16.43 0.58 -1.59	17.07 0.56 -1.72	18.28 0.61 -2.49	19.23 0.58 -3.45	20.94 0.73 -2.40	21.38 0.75 -2.70	22.28 0.75 -3.15	23.69 0.75 -4.57	23.97 0.77 -4.83	24.67 0.74 -5.81	24.63 0.88 -5.31	22.87 1.05 -1.93	25.81 1.11 -4.45	27.22 1.26 -3.54	26.22 1.41 0.00	25.87 1.39 0.00	23.92 1.29 0.00	23.35 1.28 0.00	21.62 1.09 0.00	20.41 0.79 -1.27
WEST BABYLON__IC 23714	23.17 2.00 -2.78	20.20 1.64 -3.33	19.05 1.53 -3.08	18.10 1.33 -3.98	17.50 1.48 -1.77	18.22 1.52 -1.90	19.50 1.56 -2.76	20.60 1.58 -3.82	22.39 1.92 -2.65	22.83 1.92 -2.99	26.85 1.87 -6.60	27.17 1.89 -6.90	27.51 1.91 -7.22	28.17 1.89 -8.16	28.19 2.06 -7.70	27.85 2.33 -5.63	29.67 2.41 -7.01	31.81 2.67 -6.71	29.79 2.95 -2.03	28.33 2.86 -1.00	27.93 2.58 -2.71	27.92 2.54 -3.31	23.14 2.44 -0.16	21.77 1.98 -1.43
WEST CANADA__HYD 24049	18.49 0.09 0.00	15.29 0.06 0.00	14.49 0.06 0.00	12.84 0.05 0.00	14.31 0.06 0.00	14.85 0.06 0.00	15.24 0.06 0.00	15.26 0.06 0.00	17.88 0.07 0.00	18.00 0.07 0.00	18.45 0.07 0.00	18.47 0.09 0.00	18.45 0.07 0.00	18.20 0.07 0.00	18.52 0.09 0.00	19.99 0.10 0.00	20.35 0.10 0.00	22.54 0.11 0.00	24.93 0.12 0.00	24.62 0.15 0.00	22.77 0.14 0.00	22.20 0.13 0.00	20.64 0.10 0.00	18.43 0.07 0.00
WESTERN_NY_WIND 24143	18.71 -0.09 -0.41	15.44 -0.27 -0.49	14.70 -0.19 -0.45	13.27 -0.10 -0.58	14.44 -0.07 -0.26	14.97 -0.10 -0.28	15.37 -0.21 -0.40	15.53 -0.23 -0.56	17.70 -0.50 -0.39	17.92 -0.45 -0.44	18.44 -0.44 -0.51	18.65 -0.46 -0.73	18.69 -0.46 -0.78	18.53 -0.53 -0.93	18.95 -0.33 -0.85	19.96 -0.24 -0.31	20.76 -0.20 -0.72	22.75 -0.25 -0.57	24.78 -0.02 0.00	24.67 0.19 0.00	22.95 0.32 0.00	22.31 0.24 0.00	20.74 0.21 0.00	18.39 -0.17 -0.20

WESTOVER___LESR 323668	19.41 0.13 -0.89	16.37 0.08 -1.06	15.50 0.09 -0.98	14.14 0.08 -1.27	14.92 0.10 -0.56	15.50 0.10 -0.61	16.14 0.08 -0.88	16.48 0.06 -1.22	18.70 0.04 -0.85	18.93 0.05 -0.95	19.57 0.09 -1.11	20.09 0.11 -1.60	20.18 0.11 -1.70	20.22 0.05 -2.04	20.46 0.17 -1.87	20.83 0.26 -0.68	22.08 0.26 -1.56	23.96 0.29 -1.24	25.25 0.45 0.00	24.96 0.49 0.00	23.09 0.45 0.00	22.51 0.44 0.00	20.86 0.33 0.00	18.91 0.11 -0.45
WETHRSFD_WT_PWR 323626	18.59 -0.33 -0.53	15.42 -0.44 -0.63	14.66 -0.36 -0.58	13.30 -0.24 -0.75	14.34 -0.24 -0.33	14.86 -0.30 -0.36	15.31 -0.39 -0.52	15.51 -0.41 -0.72	17.64 -0.68 -0.50	17.86 -0.63 -0.57	18.39 -0.64 -0.66	18.63 -0.70 -0.95	18.66 -0.72 -1.00	18.52 -0.82 -1.21	18.89 -0.65 -1.10	19.76 -0.54 -0.40	20.69 -0.49 -0.93	22.61 -0.56 -0.74	24.48 -0.32 0.00	24.45 -0.02 0.00	22.70 0.07 0.00	22.09 0.02 0.00	20.52 -0.02 0.00	18.20 -0.42 -0.26
WHAVSTOR_138KV_BK127 55557	22.18 1.10 -2.68	19.36 0.91 -3.21	18.26 0.85 -2.98	17.35 0.72 -3.84	16.74 0.78 -1.71	17.45 0.81 -1.84	18.71 0.87 -2.67	19.76 0.87 -3.69	21.47 1.09 -2.57	21.91 1.09 -2.89	22.89 1.12 -3.39	24.42 1.14 -4.91	24.74 1.18 -5.19	25.49 1.12 -6.24	25.43 1.29 -5.71	23.44 1.47 -2.07	26.57 1.54 -4.78	27.91 1.68 -3.80	26.64 1.84 0.00	26.26 1.79 0.00	24.24 1.61 0.00	23.63 1.57 0.00	21.99 1.46 0.00	20.78 1.06 -1.36
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	22.18 1.10 -2.68	19.36 0.91 -3.21	18.26 0.85 -2.98	17.35 0.72 -3.84	16.74 0.78 -1.71	17.45 0.81 -1.84	18.71 0.87 -2.67	19.76 0.87 -3.69	21.47 1.09 -2.57	21.91 1.09 -2.89	22.89 1.12 -3.39	24.42 1.14 -4.91	24.74 1.18 -5.19	25.49 1.12 -6.24	25.43 1.29 -5.71	23.44 1.47 -2.07	26.57 1.54 -4.78	27.91 1.68 -3.80	26.64 1.84 0.00	26.26 1.79 0.00	24.24 1.61 0.00	23.63 1.57 0.00	21.99 1.46 0.00	20.78 1.06 -1.36
WHITEHAL_115KV_TB1 80871	23.57 1.62 -3.56	20.78 1.29 -4.26	19.59 1.21 -3.95	18.95 1.06 -5.09	17.74 1.23 -2.26	18.47 1.24 -2.44	19.98 1.26 -3.54	21.36 1.26 -4.90	22.84 1.62 -3.40	24.44 1.69 -4.82	25.80 1.69 -5.74	28.83 1.65 -8.81	28.25 1.49 -8.39	30.83 1.45 -11.26	28.18 1.38 -8.37	24.08 1.47 -2.72	28.16 1.64 -6.27	29.35 1.93 -4.99	28.55 2.21 -1.54	26.72 2.25 0.00	24.83 2.20 0.00	24.16 2.10 0.00	22.36 1.83 0.00	22.05 1.91 -1.79
WHITEPLN_13_KV_LOAD 356215	22.56 1.40 -2.77	19.69 1.14 -3.32	18.58 1.07 -3.08	17.64 0.88 -3.97	16.97 0.95 -1.76	17.71 1.02 -1.90	19.03 1.09 -2.75	20.09 1.08 -3.81	21.81 1.35 -2.65	22.27 1.36 -2.98	23.29 1.41 -3.50	24.91 1.47 -5.07	25.26 1.53 -5.36	26.04 1.47 -6.44	25.93 1.60 -5.90	23.86 1.83 -2.14	27.09 1.90 -4.94	28.42 2.06 -3.93	27.09 2.28 0.00	26.70 2.23 0.00	24.58 1.95 0.00	23.99 1.92 0.00	22.34 1.81 0.00	21.12 1.36 -1.41
WM_FLOYD_69_KV_BK2 356380	22.99 1.82 -2.78	20.03 1.48 -3.33	18.90 1.39 -3.08	17.99 1.22 -3.98	17.39 1.37 -1.77	18.15 1.45 -1.90	19.40 1.46 -2.76	20.46 1.44 -3.82	22.28 1.82 -2.65	22.67 1.76 -2.99	26.67 1.69 -6.60	26.98 1.71 -6.90	27.31 1.71 -7.22	28.06 1.78 -8.16	28.08 1.95 -7.70	27.65 2.13 -5.63	29.55 2.29 -7.01	31.68 2.53 -6.71	29.64 2.80 -2.03	28.14 2.67 -1.00	27.72 2.38 -2.71	27.69 2.32 -3.31	23.01 2.32 -0.16	21.68 1.89 -1.43
WOODARD__115KV_TB2 355635	18.54 -0.11 -0.26	15.43 -0.11 -0.31	14.62 -0.10 -0.29	13.07 -0.09 -0.37	14.32 -0.10 -0.16	14.88 -0.09 -0.18	15.31 -0.12 -0.26	15.45 -0.11 -0.35	17.92 -0.14 -0.25	18.06 -0.14 -0.28	18.60 -0.09 -0.32	18.77 -0.07 -0.46	18.77 -0.09 -0.49	18.61 -0.11 -0.59	18.90 -0.07 -0.54	20.01 -0.08 -0.20	20.60 -0.10 -0.45	22.66 -0.13 -0.36	24.68 -0.12 0.00	24.35 -0.12 0.00	22.52 -0.11 0.00	21.96 -0.11 0.00	20.41 -0.12 0.00	18.36 -0.13 -0.13
YORK___WARBASSE 23770	22.70 1.53 -2.78	19.83 1.26 -3.33	18.69 1.17 -3.09	17.77 1.00 -3.98	17.11 1.08 -1.77	17.80 1.11 -1.90	19.11 1.17 -2.76	20.13 1.11 -3.82	21.82 1.35 -2.65	22.24 1.33 -2.99	23.28 1.40 -3.51	24.87 1.41 -5.08	25.23 1.49 -5.37	26.07 1.47 -6.48	25.98 1.62 -5.93	23.91 1.87 -2.15	32.34 1.92 -10.17	31.66 2.11 -7.12	27.12 2.31 0.00	26.72 2.25 0.00	24.58 1.95 0.00	23.99 1.92 0.00	22.47 1.93 0.00	21.20 1.43 -1.41