

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

10/07/2023

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	23.89	21.92	20.35	19.12	19.23	19.64	22.68	24.53	27.96	28.59	29.52	29.78	28.59	28.68	28.30	28.15	29.55	31.82	35.33	34.98	29.35	25.70	23.19	20.48
24138	1.52	1.10	1.06	1.01	1.04	1.06	1.44	1.60	1.74	1.66	1.72	1.57	1.61	1.45	1.46	1.44	1.36	1.39	1.57	1.65	1.58	1.64	1.52	1.41
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.61	-4.73	-5.62	-6.03	-6.99	-5.83	-7.90	-7.31	-8.54	-9.54	-11.42	-12.50	-11.95	-6.48	-3.05	-1.61	-0.08
74TH STREET_GT_1	23.91	21.96	20.39	19.16	19.25	19.72	22.72	24.51	27.94	28.58	29.50	29.78	28.57	28.68	28.28	28.13	29.57	31.84	35.37	35.02	29.37	25.70	23.21	20.50
24260	1.54	1.14	1.10	1.05	1.06	1.13	1.49	1.58	1.72	1.66	1.70	1.57	1.59	1.45	1.44	1.42	1.38	1.41	1.62	1.69	1.60	1.64	1.54	1.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.61	-4.73	-5.62	-6.03	-6.99	-5.83	-7.90	-7.31	-8.53	-9.54	-11.42	-12.50	-11.95	-6.48	-3.04	-1.61	-0.08
74TH STREET_GT_2	23.91	21.96	20.39	19.16	19.25	19.72	22.72	24.51	27.94	28.58	29.50	29.78	28.57	28.68	28.28	28.13	29.57	31.84	35.37	35.02	29.37	25.70	23.21	20.50
24261	1.54	1.14	1.10	1.05	1.06	1.13	1.49	1.58	1.72	1.66	1.70	1.57	1.59	1.45	1.44	1.42	1.38	1.41	1.62	1.69	1.60	1.64	1.54	1.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.61	-4.73	-5.62	-6.03	-6.99	-5.83	-7.90	-7.31	-8.53	-9.54	-11.42	-12.50	-11.95	-6.48	-3.04	-1.61	-0.08
ADK HUDSON___FALLS	23.89	22.06	20.43	19.19	19.28	19.75	22.78	24.97	29.41	29.22	29.46	29.22	27.89	27.67	24.74	23.52	25.41	28.45	30.28	28.68	29.79	24.02	22.49	20.48
24011	1.52	1.25	1.14	1.09	1.09	1.17	1.55	1.45	1.44	1.66	1.74	1.70	1.71	1.55	1.41	1.31	1.36	1.29	1.59	1.63	1.66	1.58	1.44	1.37
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.20	-6.48	-6.26	-5.95	-6.31	-5.03	-6.79	-3.82	-4.03	-5.40	-8.14	-7.43	-5.68	-6.83	-1.43	-0.98	-0.11
ADK RESOURCE___RCVRY	24.05	22.21	20.55	19.30	19.39	19.86	22.93	25.17	29.54	29.39	29.64	29.37	28.06	27.81	24.86	23.63	25.51	28.56	30.40	28.82	29.92	24.17	22.61	20.57
23798	1.68	1.39	1.25	1.19	1.20	1.28	1.70	1.64	1.57	1.83	1.92	1.84	1.88	1.68	1.52	1.42	1.47	1.41	1.72	1.77	1.79	1.72	1.57	1.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.20	-6.48	-6.26	-5.95	-6.31	-5.03	-6.79	-3.81	-4.03	-5.39	-8.14	-7.42	-5.67	-6.83	-1.43	-0.98	-0.11
ADK S GLENS___FALLS	23.89	22.06	20.43	19.19	19.28	19.75	22.78	24.97	29.41	29.22	29.46	29.22	27.89	27.67	24.74	23.52	25.41	28.45	30.28	28.68	29.79	24.02	22.49	20.48
24028	1.52	1.25	1.14	1.09	1.09	1.17	1.55	1.45	1.44	1.66	1.74	1.70	1.71	1.55	1.41	1.31	1.36	1.29	1.59	1.63	1.66	1.58	1.44	1.37
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.20	-6.48	-6.26	-5.95	-6.31	-5.03	-6.79	-3.82	-4.03	-5.40	-8.14	-7.43	-5.68	-6.83	-1.43	-0.98	-0.11
ADK_NYS___DAM	23.20	21.39	19.89	18.67	18.76	19.21	22.04	24.35	28.71	28.38	28.62	28.45	27.10	26.99	24.46	23.36	25.27	28.33	30.08	28.58	29.07	23.57	22.09	20.07
23527	0.83	0.58	0.60	0.56	0.56	0.63	0.81	0.90	0.94	0.92	0.94	0.91	0.89	0.81	0.84	0.78	0.90	0.93	1.00	1.01	1.02	0.99	1.00	0.97
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.14	-6.28	-6.16	-5.91	-6.33	-5.07	-6.84	-4.10	-4.40	-5.73	-8.38	-7.83	-6.19	-6.75	-1.57	-1.03	-0.11
AIR_PRODUCTS___DRP	22.57	20.85	19.37	18.20	18.28	18.71	21.49	23.84	28.15	27.77	27.96	27.79	26.46	26.37	23.71	22.60	24.45	27.51	29.15	27.59	28.38	22.81	21.36	19.39
24190	0.20	0.04	0.08	0.09	0.09	0.13	0.25	0.36	0.32	0.30	0.30	0.30	0.30	0.27	0.27	0.25	0.30	0.30	0.34	0.34	0.34	0.32	0.30	0.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.16	-6.34	-6.17	-5.89	-6.28	-5.01	-6.77	-3.92	-4.17	-5.51	-8.19	-7.55	-5.87	-6.74	-1.48	-1.00	-0.11
AKWESSNE_115KV_BK	21.95	20.56	19.04	17.89	17.95	18.32	20.91	21.02	21.08	20.94	21.44	20.98	20.91	19.14	19.33	17.98	18.42	18.79	20.91	20.98	20.94	20.70	19.72	18.71
355683	-0.43	-0.25	-0.25	-0.22	-0.24	-0.26	-0.32	-0.30	-0.41	-0.36	-0.33	-0.23	-0.23	-0.19	-0.20	-0.20	-0.22	-0.23	-0.34	-0.41	-0.36	-0.32	-0.34	-0.28
	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	22.57	20.85	19.37	18.20	18.28	18.71	21.49	23.84	28.15	27.77	27.96	27.79	26.46	26.37	23.71	22.60	24.45	27.51	29.15	27.59	28.38	22.81	21.36	19.39
23571	0.20	0.04	0.08	0.09	0.09	0.13	0.25	0.36	0.32	0.30	0.30	0.30	0.30	0.27	0.27	0.25	0.30	0.30	0.34	0.34	0.34	0.32	0.30	0.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.16	-6.34	-6.17	-5.89	-6.28	-5.01	-6.77	-3.92	-4.17	-5.51	-8.19	-7.55	-5.87	-6.74	-1.48	-1.00	-0.11
ALBANY___2	22.57	20.85	19.37	18.20	18.28	18.71	21.49	23.84	28.15	27.77	27.96	27.79	26.46	26.37	23.71	22.60	24.45	27.51	29.15	27.59	28.38	22.81	21.36	19.39
23572	0.20	0.04	0.08	0.09	0.09	0.13	0.25	0.36	0.32	0.30	0.30	0.30	0.30	0.27	0.27	0.25	0.30	0.30	0.34	0.34	0.34	0.32	0.30	0.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.16	-6.34	-6.17	-5.89	-6.28	-5.01	-6.77	-3.92	-4.17	-5.51	-8.19	-7.55	-5.87	-6.74	-1.48	-1.00	-0.11
ALBANY___3	22.57	20.85	19.37	18.20	18.28	18.71	21.49	23.84	28.15	27.77	27.96	27.79	26.46	26.37	23.71	22.60	24.45	27.51	29.15	27.59	28.38	22.81	21.36	19.39
23573	0.20	0.04	0.08	0.09	0.09	0.13	0.25	0.36	0.32	0.30	0.30	0.30	0.30	0.27	0.27	0.25	0.30	0.30	0.34	0.34	0.34	0.32	0.30	0.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.16	-6.34	-6.17	-5.89	-6.28	-5.01	-6.77	-3.92	-4.17	-5.51	-8.19	-7.55	-5.87	-6.74	-1.48	-1.00	-0.11

ALBANY___4 23574	22.57 0.20 0.00	20.85 0.04 0.00	19.37 0.08 0.00	18.20 0.09 0.00	18.28 0.09 0.00	18.71 0.13 0.00	21.49 0.25 0.00	23.84 0.36 -2.16	28.15 0.32 -6.34	27.77 0.30 -6.17	27.96 0.30 -5.89	27.79 0.30 -6.28	26.46 0.30 -5.01	26.37 0.27 -6.77	23.71 0.27 -3.92	22.60 0.25 -4.17	24.45 0.30 -5.51	27.51 0.30 -8.19	29.15 0.34 -7.55	27.59 0.34 -5.87	28.38 0.34 -6.74	22.81 0.32 -1.48	21.36 0.30 -1.00	19.39 0.28 -0.11
ALBANY___LFGE 323615	22.79 0.42 0.00	21.06 0.25 0.00	19.54 0.25 0.00	18.36 0.25 0.00	18.43 0.24 0.00	18.90 0.32 0.00	21.68 0.45 0.00	24.06 0.58 -2.17	28.38 0.51 -6.38	28.03 0.53 -6.20	28.22 0.54 -5.91	28.01 0.51 -6.29	26.70 0.53 -5.02	26.59 0.48 -6.78	23.91 0.49 -3.90	22.78 0.45 -4.15	24.62 0.48 -5.49	27.70 0.49 -8.19	29.34 0.55 -7.54	27.77 0.55 -5.84	28.60 0.53 -6.77	22.99 0.50 -1.47	21.54 0.48 -1.00	19.56 0.46 -0.11
ALCOA_PA_115KV_PL-6C 55860	21.99 -0.38 0.00	20.60 -0.21 0.00	19.06 -0.23 0.00	17.91 -0.20 0.00	17.99 -0.20 0.00	18.34 -0.24 0.00	20.94 -0.30 0.00	21.06 -0.26 0.00	21.12 -0.37 0.00	20.98 -0.32 0.00	21.47 -0.30 0.00	21.00 -0.21 0.00	20.94 -0.21 0.00	19.16 -0.17 0.00	19.35 -0.18 0.00	17.98 -0.20 0.00	18.44 -0.21 0.00	18.77 -0.25 0.00	20.91 -0.34 0.00	20.98 -0.41 0.00	20.94 -0.36 0.00	20.70 -0.32 0.00	19.72 -0.34 0.00	18.73 -0.27 0.00
ALCOA_RYNLDS___DRP 24188	21.99 -0.38 0.00	20.60 -0.21 0.00	19.06 -0.23 0.00	17.91 -0.20 0.00	17.99 -0.20 0.00	18.34 -0.24 0.00	20.94 -0.30 0.00	21.06 -0.26 0.00	21.12 -0.37 0.00	20.98 -0.32 0.00	21.47 -0.30 0.00	21.00 -0.21 0.00	20.94 -0.21 0.00	19.16 -0.17 0.00	19.35 -0.18 0.00	17.98 -0.20 0.00	18.44 -0.21 0.00	18.77 -0.25 0.00	20.91 -0.34 0.00	20.98 -0.41 0.00	20.94 -0.36 0.00	20.70 -0.32 0.00	19.72 -0.34 0.00	18.73 -0.27 0.00
ALCOA___DSASP 323711	21.99 -0.38 0.00	20.60 -0.21 0.00	19.06 -0.23 0.00	17.91 -0.20 0.00	17.99 -0.20 0.00	18.34 -0.24 0.00	20.94 -0.30 0.00	20.91 -0.41 0.00	21.12 -0.37 0.00	20.98 -0.32 0.00	21.47 -0.30 0.00	21.00 -0.21 0.00	20.96 -0.19 0.00	19.16 -0.17 0.00	19.35 -0.18 0.00	17.98 -0.20 0.00	18.44 -0.20 0.00	18.77 -0.25 0.00	20.98 -0.28 0.00	20.97 -0.41 0.00	20.94 -0.36 0.00	20.70 -0.31 0.00	19.72 -0.34 0.00	18.71 -0.28 0.00
ALLEGHENY___COGEN 23514	23.49 1.12 0.00	21.83 1.02 0.00	20.20 0.91 0.00	18.87 0.76 0.00	19.01 0.82 0.00	19.44 0.86 0.00	21.98 0.74 0.00	22.17 0.62 -0.23	22.73 0.56 -0.68	22.24 0.36 -0.58	22.44 0.17 -0.50	21.53 -0.17 -0.48	21.26 -0.25 -0.37	19.61 -0.21 -0.49	19.40 -0.18 -0.06	18.11 -0.07 0.00	18.76 -0.04 -0.15	19.59 0.13 -0.44	21.82 0.32 -0.25	22.03 0.64 -0.01	22.44 0.53 -0.61	21.31 0.29 0.00	20.20 0.10 -0.04	19.12 0.11 -0.01
ALTAMONT_115KV_TB 2 55880	22.95 0.58 0.00	21.21 0.40 0.00	19.70 0.41 0.00	18.49 0.38 0.00	18.57 0.38 0.00	19.01 0.43 0.00	21.81 0.57 0.00	24.10 0.62 -2.17	28.50 0.64 -6.37	28.09 0.62 -6.18	28.28 0.63 -5.88	28.06 0.59 -6.26	26.73 0.59 -4.99	26.61 0.54 -6.74	23.94 0.57 -3.85	22.79 0.53 -4.08	24.63 0.56 -5.43	27.73 0.59 -8.12	29.37 0.66 -7.46	27.82 0.68 -5.75	28.70 0.66 -6.75	23.12 0.65 -1.45	21.67 0.62 -0.99	19.70 0.59 -0.11
ALTONA_WT_PWR 323606	22.19 -0.18 0.00	20.79 -0.02 0.00	19.24 -0.06 0.00	18.09 -0.02 0.00	18.14 -0.05 0.00	18.45 -0.13 0.00	21.04 -0.19 0.00	20.96 -0.36 0.00	21.19 -0.30 0.00	21.09 -0.21 0.00	21.49 -0.28 0.00	20.87 -0.34 0.00	20.98 -0.17 0.00	19.26 -0.08 0.00	19.37 -0.16 0.00	18.02 -0.16 0.00	18.46 -0.19 0.00	18.81 -0.21 0.00	21.04 -0.21 0.00	21.02 -0.36 0.00	20.96 -0.34 0.00	20.68 -0.34 0.00	19.58 -0.48 0.00	18.61 -0.38 0.00
AMERICAN_REF_FUEL 24010	21.77 -0.60 0.00	20.48 -0.33 0.00	18.95 -0.35 0.00	17.69 -0.42 0.00	17.83 -0.36 0.00	18.21 -0.37 0.00	20.36 -0.87 0.00	20.29 -1.24 -0.21	20.69 -1.42 -0.62	20.51 -1.32 -0.53	20.85 -1.37 -0.45	19.98 -1.68 -0.44	19.85 -1.63 -0.33	18.33 -1.45 -0.45	18.11 -1.46 -0.05	16.87 -1.31 0.00	17.33 -1.45 -0.13	17.96 -1.46 -0.41	19.78 -1.70 -0.23	19.85 -1.54 -0.01	20.38 -1.47 -0.55	19.42 -1.60 0.00	18.49 -1.61 -0.03	17.68 -1.33 -0.01
ARKWRIGHT___SUMMIT_WT_PWR 323751	22.93 0.56 0.00	21.48 0.67 0.00	19.81 0.52 0.00	18.47 0.36 0.00	18.59 0.40 0.00	18.93 0.35 0.00	21.28 0.04 0.00	20.83 -0.72 -0.24	21.35 -0.84 -0.70	21.14 -0.75 -0.59	21.47 -0.81 -0.51	20.52 -1.19 -0.49	20.34 -1.18 -0.37	18.71 -1.12 -0.50	18.37 -1.21 -0.06	17.44 -0.75 0.00	17.55 -1.25 -0.15	18.21 -1.26 -0.45	20.10 -1.40 -0.25	20.62 -0.77 -0.01	20.79 -1.13 -0.62	20.09 -0.92 0.00	19.03 -1.06 -0.04	18.13 -0.87 -0.01
ARTHUR_KILL_GT_1 23520	23.90 1.52 -0.01	22.05 1.23 -0.01	20.46 1.16 -0.01	19.24 1.12 -0.01	19.35 1.15 -0.01	19.71 1.11 -0.01	22.58 1.34 -0.01	24.41 1.47 -1.62	27.80 1.59 -4.72	28.43 1.51 -5.62	29.36 1.57 -6.02	29.64 1.44 -6.99	28.43 1.46 -5.82	28.54 1.32 -7.89	28.15 1.33 -7.30	28.04 1.33 -8.53	29.45 1.27 -9.53	31.81 1.39 -11.41	35.32 1.57 -12.49	34.99 1.67 -11.94	29.28 1.51 -6.47	25.60 1.53 -3.05	23.10 1.42 -1.61	20.62 1.54 -0.09
ARTHUR_KILL_2 23512	23.85 1.48 -0.01	22.01 1.19 -0.01	20.40 1.10 -0.01	19.20 1.09 -0.01	19.29 1.09 -0.01	19.65 1.06 -0.01	22.54 1.30 -0.01	24.36 1.43 -1.62	27.74 1.53 -4.72	28.38 1.47 -5.62	29.32 1.52 -6.02	29.58 1.38 -6.99	28.37 1.40 -5.82	28.50 1.28 -7.89	28.11 1.29 -7.30	27.98 1.27 -8.53	29.41 1.23 -9.53	31.75 1.33 -11.41	35.26 1.51 -12.49	34.93 1.60 -11.94	29.22 1.45 -6.47	25.56 1.49 -3.05	23.06 1.38 -1.61	20.59 1.50 -0.09
ARTHUR_KILL_3 23513	23.71 1.34 0.00	21.75 0.94 0.00	20.20 0.91 0.00	18.99 0.89 0.00	19.08 0.89 0.00	19.51 0.93 0.00	22.51 1.27 0.00	24.36 1.43 -1.61	27.75 1.53 -4.73	28.39 1.47 -5.62	29.30 1.50 -6.03	29.58 1.38 -6.99	28.37 1.40 -5.83	28.50 1.28 -7.90	28.12 1.29 -7.31	27.97 1.25 -8.54	29.40 1.21 -9.54	31.63 1.20 -11.42	35.12 1.36 -12.50	34.77 1.43 -11.95	29.20 1.43 -6.48	25.51 1.45 -3.04	23.05 1.38 -1.61	20.35 1.27 -0.08
ARTHUR_KILL_COGEN 323718	23.90 1.52 -0.01	22.05 1.23 -0.01	20.46 1.16 -0.01	19.24 1.12 -0.01	19.35 1.15 -0.01	19.71 1.11 -0.01	22.58 1.34 -0.01	24.41 1.47 -1.62	27.80 1.59 -4.72	28.43 1.51 -5.62	29.36 1.57 -6.02	29.64 1.44 -6.99	28.43 1.46 -5.82	28.54 1.32 -7.89	28.15 1.33 -7.30	28.04 1.33 -8.53	29.45 1.27 -9.53	31.81 1.39 -11.41	35.32 1.57 -12.49	34.99 1.67 -11.94	29.28 1.51 -6.47	25.60 1.53 -3.05	23.10 1.42 -1.61	20.62 1.54 -0.09
ASHOKAN____ 23654	23.27 0.90 0.00	21.42 0.60 0.00	19.87 0.58 0.00	18.65 0.54 0.00	18.54 0.34 0.00	18.90 0.32 0.00	21.87 0.64 0.00	23.93 0.73 -1.89	27.55 0.51 -5.55	27.44 0.51 -5.63	27.86 0.54 -5.55	27.85 0.59 -6.05	26.52 0.49 -4.89	26.36 0.42 -6.61	24.38 0.37 -4.49	23.58 0.44 -4.96	25.28 0.56 -6.07	27.88 0.48 -8.39	30.19 0.74 -8.19	29.05 0.79 -6.88	28.21 0.68 -6.23	23.39 0.63 -1.74	21.75 0.62 -1.07	19.68 0.59 -0.10

ASTORIA_EAST_ENERGY_CC1 323581	23.68 1.32 0.01	21.74 0.94 0.01	20.17 0.89 0.01	18.97 0.87 0.01	19.07 0.89 0.01	19.49 0.91 0.01	22.48 1.25 0.01	24.35 1.43 -1.60	27.74 1.53 -4.72	28.38 1.47 -5.62	29.29 1.50 -6.02	29.60 1.40 -6.99	28.37 1.40 -5.82	28.50 1.28 -7.89	28.09 1.27 -7.30	27.96 1.25 -8.53	29.39 1.21 -9.53	31.64 1.22 -11.41	35.13 1.38 -12.49	34.78 1.45 -11.94	29.17 1.41 -6.47	25.52 1.47 -3.04	23.00 1.34 -1.60	20.32 1.25 -0.07
ASTORIA_EAST_ENERGY_CC2 323582	23.68 1.32 0.01	21.74 0.94 0.01	20.17 0.89 0.01	18.97 0.87 0.01	19.07 0.89 0.01	19.49 0.91 0.01	22.48 1.25 0.01	24.35 1.43 -1.60	27.74 1.53 -4.72	28.38 1.47 -5.62	29.29 1.50 -6.02	29.60 1.40 -6.99	28.37 1.40 -5.82	28.50 1.28 -7.89	28.09 1.27 -7.30	27.96 1.25 -8.53	29.39 1.21 -9.53	31.64 1.22 -11.41	35.13 1.38 -12.49	34.78 1.45 -11.94	29.17 1.41 -6.47	25.52 1.47 -3.04	23.00 1.34 -1.60	20.32 1.25 -0.07
ASTORIA_GT2_1 24094	23.67 1.32 0.02	21.73 0.94 0.02	20.18 0.91 0.02	18.98 0.89 0.02	19.05 0.87 0.02	19.51 0.95 0.02	22.49 1.27 0.02	24.30 1.39 -1.59	27.74 1.53 -4.72	28.38 1.47 -5.61	29.32 1.52 -6.02	29.59 1.40 -6.98	28.39 1.42 -5.82	28.51 1.30 -7.88	28.11 1.29 -7.30	27.96 1.25 -8.53	29.38 1.21 -9.52	31.65 1.24 -11.40	35.14 1.40 -12.48	34.81 1.48 -11.95	29.19 1.43 -6.46	25.53 1.49 -3.03	23.01 1.36 -1.59	20.32 1.25 -0.07
ASTORIA_GT2_2 24095	23.67 1.32 0.02	21.73 0.94 0.02	20.18 0.91 0.02	18.98 0.89 0.02	19.05 0.87 0.02	19.51 0.95 0.02	22.49 1.27 0.02	24.30 1.39 -1.59	27.74 1.53 -4.72	28.38 1.47 -5.61	29.32 1.52 -6.02	29.59 1.40 -6.98	28.39 1.42 -5.82	28.51 1.30 -7.88	28.11 1.29 -7.30	27.96 1.25 -8.53	29.38 1.21 -9.52	31.65 1.24 -11.40	35.14 1.40 -12.48	34.81 1.48 -11.95	29.19 1.43 -6.46	25.53 1.49 -3.03	23.01 1.36 -1.59	20.32 1.25 -0.07
ASTORIA_GT2_3 24096	23.67 1.32 0.02	21.73 0.94 0.02	20.18 0.91 0.02	18.98 0.89 0.02	19.05 0.87 0.02	19.51 0.95 0.02	22.49 1.27 0.02	24.30 1.39 -1.59	27.74 1.53 -4.72	28.38 1.47 -5.61	29.32 1.52 -6.02	29.59 1.40 -6.98	28.39 1.42 -5.82	28.51 1.30 -7.88	28.11 1.29 -7.30	27.96 1.25 -8.53	29.38 1.21 -9.52	31.65 1.24 -11.40	35.14 1.40 -12.48	34.81 1.48 -11.95	29.19 1.43 -6.46	25.53 1.49 -3.03	23.01 1.36 -1.59	20.32 1.25 -0.07
ASTORIA_GT2_4 24097	23.67 1.32 0.02	21.73 0.94 0.02	20.18 0.91 0.02	18.98 0.89 0.02	19.05 0.87 0.02	19.51 0.95 0.02	22.49 1.27 0.02	24.30 1.39 -1.59	27.74 1.53 -4.72	28.38 1.47 -5.61	29.32 1.52 -6.02	29.59 1.40 -6.98	28.39 1.42 -5.82	28.51 1.30 -7.88	28.11 1.29 -7.30	27.96 1.25 -8.53	29.38 1.21 -9.52	31.65 1.24 -11.40	35.14 1.40 -12.48	34.81 1.48 -11.95	29.19 1.43 -6.46	25.53 1.49 -3.03	23.01 1.36 -1.59	20.32 1.25 -0.07
ASTORIA_GT3_1 24098	23.67 1.32 0.02	21.73 0.94 0.02	20.18 0.91 0.02	18.98 0.89 0.02	19.05 0.87 0.02	19.51 0.95 0.02	22.49 1.27 0.02	24.30 1.39 -1.59	27.74 1.53 -4.72	28.38 1.47 -5.61	29.32 1.52 -6.02	29.59 1.40 -6.98	28.39 1.42 -5.82	28.51 1.30 -7.88	28.11 1.29 -7.30	27.96 1.25 -8.53	29.38 1.21 -9.52	31.65 1.24 -11.40	35.14 1.40 -12.48	34.81 1.48 -11.95	29.19 1.43 -6.46	25.53 1.49 -3.03	23.01 1.36 -1.59	20.32 1.25 -0.07
ASTORIA_GT3_2 24099	23.67 1.32 0.02	21.73 0.94 0.02	20.18 0.91 0.02	18.98 0.89 0.02	19.05 0.87 0.02	19.51 0.95 0.02	22.49 1.27 0.02	24.30 1.39 -1.59	27.74 1.53 -4.72	28.38 1.47 -5.61	29.32 1.52 -6.02	29.59 1.40 -6.98	28.39 1.42 -5.82	28.51 1.30 -7.88	28.11 1.29 -7.30	27.96 1.25 -8.53	29.38 1.21 -9.52	31.65 1.24 -11.40	35.14 1.40 -12.48	34.81 1.48 -11.95	29.19 1.43 -6.46	25.53 1.49 -3.03	23.01 1.36 -1.59	20.32 1.25 -0.07
ASTORIA_GT3_3 24100	23.67 1.32 0.02	21.73 0.94 0.02	20.18 0.91 0.02	18.98 0.89 0.02	19.05 0.87 0.02	19.51 0.95 0.02	22.49 1.27 0.02	24.30 1.39 -1.59	27.74 1.53 -4.72	28.38 1.47 -5.61	29.32 1.52 -6.02	29.59 1.40 -6.98	28.39 1.42 -5.82	28.51 1.30 -7.88	28.11 1.29 -7.30	27.96 1.25 -8.53	29.38 1.21 -9.52	31.65 1.24 -11.40	35.14 1.40 -12.48	34.81 1.48 -11.95	29.19 1.43 -6.46	25.53 1.49 -3.03	23.01 1.36 -1.59	20.32 1.25 -0.07
ASTORIA_GT3_4 24101	23.67 1.32 0.02	21.73 0.94 0.02	20.18 0.91 0.02	18.98 0.89 0.02	19.05 0.87 0.02	19.51 0.95 0.02	22.49 1.27 0.02	24.30 1.39 -1.59	27.74 1.53 -4.72	28.38 1.47 -5.61	29.32 1.52 -6.02	29.59 1.40 -6.98	28.39 1.42 -5.82	28.51 1.30 -7.88	28.11 1.29 -7.30	27.96 1.25 -8.53	29.38 1.21 -9.52	31.65 1.24 -11.40	35.14 1.40 -12.48	34.81 1.48 -11.95	29.19 1.43 -6.46	25.53 1.49 -3.03	23.01 1.36 -1.59	20.32 1.25 -0.07
ASTORIA_GT4_1 24102	23.67 1.32 0.02	21.73 0.94 0.02	20.18 0.91 0.02	18.98 0.89 0.02	19.05 0.87 0.02	19.51 0.95 0.02	22.49 1.27 0.02	24.30 1.39 -1.59	27.74 1.53 -4.72	28.38 1.47 -5.61	29.32 1.52 -6.02	29.59 1.40 -6.98	28.39 1.42 -5.82	28.51 1.30 -7.88	28.11 1.29 -7.30	27.96 1.25 -8.53	29.38 1.21 -9.52	31.65 1.24 -11.40	35.14 1.40 -12.48	34.81 1.48 -11.95	29.19 1.43 -6.46	25.53 1.49 -3.03	23.01 1.36 -1.59	20.32 1.25 -0.07
ASTORIA_GT4_2 24103	23.67 1.32 0.02	21.73 0.94 0.02	20.18 0.91 0.02	18.98 0.89 0.02	19.05 0.87 0.02	19.51 0.95 0.02	22.49 1.27 0.02	24.30 1.39 -1.59	27.74 1.53 -4.72	28.38 1.47 -5.61	29.32 1.52 -6.02	29.59 1.40 -6.98	28.39 1.42 -5.82	28.51 1.30 -7.88	28.11 1.29 -7.30	27.96 1.25 -8.53	29.38 1.21 -9.52	31.65 1.24 -11.40	35.14 1.40 -12.48	34.81 1.48 -11.95	29.19 1.43 -6.46	25.53 1.49 -3.03	23.01 1.36 -1.59	20.32 1.25 -0.07
ASTORIA_GT4_3 24104	23.67 1.32 0.02	21.73 0.94 0.02	20.18 0.91 0.02	18.98 0.89 0.02	19.05 0.87 0.02	19.51 0.95 0.02	22.49 1.27 0.02	24.30 1.39 -1.59	27.74 1.53 -4.72	28.38 1.47 -5.61	29.32 1.52 -6.02	29.59 1.40 -6.98	28.39 1.42 -5.82	28.51 1.30 -7.88	28.11 1.29 -7.30	27.96 1.25 -8.53	29.38 1.21 -9.52	31.65 1.24 -11.40	35.14 1.40 -12.48	34.81 1.48 -11.95	29.19 1.43 -6.46	25.53 1.49 -3.03	23.01 1.36 -1.59	20.32 1.25 -0.07
ASTORIA_GT4_4 24105	23.67 1.32 0.02	21.73 0.94 0.02	20.18 0.91 0.02	18.98 0.89 0.02	19.05 0.87 0.02	19.51 0.95 0.02	22.49 1.27 0.02	24.30 1.39 -1.59	27.74 1.53 -4.72	28.38 1.47 -5.61	29.32 1.52 -6.02	29.59 1.40 -6.98	28.39 1.42 -5.82	28.51 1.30 -7.88	28.11 1.29 -7.30	27.96 1.25 -8.53	29.38 1.21 -9.52	31.65 1.24 -11.40	35.14 1.40 -12.48	34.81 1.48 -11.95	29.19 1.43 -6.46	25.53 1.49 -3.03	23.01 1.36 -1.59	20.32 1.25 -0.07
ASTORIA_GT_1 23523	23.73 1.36 0.01	21.78 0.98 0.01	20.21 0.93 0.01	19.00 0.90 0.01	19.11 0.93 0.01	19.52 0.95 0.01	22.54 1.32 0.01	24.39 1.47 -1.60	27.78 1.57 -4.72	28.43 1.51 -5.62	29.36 1.57 -6.02	29.64 1.44 -6.99	28.43 1.46 -5.82	28.54 1.32 -7.89	28.15 1.33 -7.30	28.00 1.29 -8.53	29.43 1.25 -9.53	31.68 1.25 -11.41	35.17 1.42 -12.49	34.84 1.52 -11.94	29.24 1.47 -6.47	25.58 1.53 -3.04	23.04 1.38 -1.60	20.36 1.29 -0.07

ASTORIA_GT_10 24110	23.89 1.52 0.00	21.94 1.12 0.00	20.37 1.08 0.00	19.14 1.03 0.00	19.23 1.04 0.00	19.70 1.11 0.00	22.68 1.44 0.00	24.46 1.53 -1.61	29.60 1.68 -6.43	28.54 1.62 -5.62	29.92 1.68 -6.48	29.76 1.55 -6.99	29.44 1.56 -6.73	28.64 1.41 -7.90	28.26 1.43 -7.31	28.62 1.38 -9.06	29.53 1.34 -9.54	31.80 1.37 -11.42	35.33 1.57 -12.50	34.96 1.63 -11.95	29.35 1.58 -6.48	25.68 1.62 -3.04	23.19 1.52 -1.61	20.50 1.42 -0.08
ASTORIA_GT_11 24225	23.89 1.52 0.00	21.94 1.12 0.00	20.37 1.08 0.00	19.14 1.03 0.00	19.23 1.04 0.00	19.70 1.11 0.00	22.68 1.44 0.00	24.46 1.53 -1.61	29.60 1.68 -6.43	28.54 1.62 -5.62	29.92 1.68 -6.48	29.76 1.55 -6.99	29.44 1.56 -6.73	28.64 1.41 -7.90	28.26 1.43 -7.31	28.62 1.38 -9.06	29.53 1.34 -9.54	31.80 1.37 -11.42	35.33 1.57 -12.50	34.96 1.63 -11.95	29.35 1.58 -6.48	25.68 1.62 -3.04	23.19 1.52 -1.61	20.50 1.42 -0.08
ASTORIA_GT_12 24226	23.89 1.52 0.00	21.94 1.12 0.00	20.37 1.08 0.00	19.14 1.03 0.00	19.23 1.04 0.00	19.70 1.11 0.00	22.68 1.44 0.00	24.46 1.53 -1.61	29.60 1.68 -6.43	28.54 1.62 -5.62	29.92 1.68 -6.48	29.76 1.55 -6.99	29.44 1.56 -6.73	28.64 1.41 -7.90	28.26 1.43 -7.31	28.62 1.38 -9.06	29.53 1.34 -9.54	31.80 1.37 -11.42	35.33 1.57 -12.50	34.96 1.63 -11.95	29.35 1.58 -6.48	25.68 1.62 -3.04	23.19 1.52 -1.61	20.50 1.42 -0.08
ASTORIA_GT_13 24227	23.89 1.52 0.00	21.94 1.12 0.00	20.37 1.08 0.00	19.14 1.03 0.00	19.23 1.04 0.00	19.70 1.11 0.00	22.68 1.44 0.00	24.46 1.53 -1.61	29.60 1.68 -6.43	28.54 1.62 -5.62	29.92 1.68 -6.48	29.76 1.55 -6.99	29.44 1.56 -6.73	28.64 1.41 -7.90	28.26 1.43 -7.31	28.62 1.38 -9.06	29.53 1.34 -9.54	31.80 1.37 -11.42	35.33 1.57 -12.50	34.96 1.63 -11.95	29.35 1.58 -6.48	25.68 1.62 -3.04	23.19 1.52 -1.61	20.50 1.42 -0.08
ASTORIA_GT_5 24106	23.73 1.36 0.01	21.78 0.98 0.01	20.21 0.93 0.01	19.00 0.90 0.01	19.11 0.93 0.01	19.52 0.95 0.01	22.54 1.32 0.01	24.39 1.47 -1.60	27.78 1.57 -4.72	28.43 1.51 -5.62	29.36 1.57 -6.02	29.64 1.44 -6.99	28.43 1.46 -5.82	28.54 1.32 -7.89	28.15 1.33 -7.30	28.00 1.29 -8.53	29.43 1.25 -9.53	31.68 1.25 -11.41	35.17 1.42 -12.49	34.84 1.52 -11.94	29.24 1.47 -6.47	25.58 1.53 -3.04	23.04 1.38 -1.60	20.36 1.29 -0.07
ASTORIA_GT_7 24107	23.73 1.36 0.01	21.78 0.98 0.01	20.21 0.93 0.01	19.00 0.90 0.01	19.11 0.93 0.01	19.52 0.95 0.01	22.54 1.32 0.01	24.39 1.47 -1.60	27.78 1.57 -4.72	28.43 1.51 -5.62	29.36 1.57 -6.02	29.64 1.44 -6.99	28.43 1.46 -5.82	28.54 1.32 -7.89	28.15 1.33 -7.30	28.00 1.29 -8.53	29.43 1.25 -9.53	31.68 1.25 -11.41	35.17 1.42 -12.49	34.84 1.52 -11.94	29.24 1.47 -6.47	25.58 1.53 -3.04	23.04 1.38 -1.60	20.36 1.29 -0.07
ASTORIA_GT_8 24108	23.72 1.36 0.02	21.77 0.98 0.02	20.20 0.93 0.02	19.00 0.91 0.02	19.07 0.89 0.02	19.55 0.98 0.02	22.53 1.32 0.02	24.32 1.41 -1.59	27.78 1.57 -4.72	28.42 1.51 -5.61	29.36 1.57 -6.02	29.63 1.44 -6.98	28.43 1.46 -5.82	28.53 1.31 -7.88	28.15 1.33 -7.30	28.00 1.29 -8.53	29.42 1.25 -9.52	31.67 1.26 -11.40	35.18 1.45 -12.48	34.85 1.52 -11.95	29.23 1.47 -6.46	25.58 1.53 -3.03	23.03 1.38 -1.59	20.35 1.29 -0.07
ASTORIA___2 24149	23.68 1.32 0.01	21.74 0.94 0.01	20.19 0.91 0.01	18.99 0.89 0.01	19.07 0.89 0.01	19.49 0.91 0.01	22.50 1.27 0.01	24.35 1.43 -1.60	27.74 1.53 -4.72	28.38 1.47 -5.62	29.32 1.52 -6.02	29.60 1.40 -6.99	28.39 1.42 -5.82	28.52 1.30 -7.89	28.11 1.29 -7.30	27.96 1.25 -8.53	29.39 1.21 -9.53	31.66 1.24 -11.41	35.13 1.38 -12.49	34.80 1.47 -11.94	29.20 1.43 -6.47	25.54 1.49 -3.04	23.02 1.36 -1.60	20.32 1.25 -0.07
ASTORIA___3 23516	23.90 1.52 -0.01	21.94 1.12 -0.01	20.38 1.08 -0.01	19.15 1.03 -0.01	19.25 1.05 -0.01	19.67 1.08 -0.01	22.69 1.44 -0.01	24.54 1.60 -1.62	29.60 1.68 -6.43	28.57 1.64 -5.63	29.92 1.68 -6.48	29.76 1.55 -7.00	29.42 1.54 -6.73	28.65 1.41 -7.90	28.27 1.42 -7.32	28.63 1.38 -9.06	29.54 1.34 -9.55	31.81 1.37 -11.42	35.31 1.55 -12.51	34.96 1.62 -11.95	29.36 1.58 -6.49	25.69 1.62 -3.05	23.20 1.52 -1.61	20.51 1.43 -0.09
ASTORIA___4 23517	23.89 1.52 0.00	21.94 1.12 0.00	20.37 1.08 0.00	19.14 1.03 0.00	19.23 1.04 0.00	19.70 1.11 0.00	22.68 1.44 0.00	24.46 1.53 -1.61	29.60 1.68 -6.43	28.54 1.62 -5.62	29.92 1.68 -6.48	29.76 1.55 -6.99	29.44 1.56 -6.73	28.64 1.41 -7.90	28.26 1.43 -7.31	28.62 1.38 -9.06	29.53 1.34 -9.54	31.80 1.37 -11.42	35.33 1.57 -12.50	34.96 1.63 -11.95	29.35 1.58 -6.48	25.68 1.62 -3.04	23.19 1.52 -1.61	20.50 1.42 -0.08
ASTORIA___5 23518	23.90 1.52 -0.01	21.94 1.12 -0.01	20.38 1.08 -0.01	19.15 1.03 -0.01	19.25 1.05 -0.01	19.67 1.08 -0.01	22.69 1.44 -0.01	24.54 1.60 -1.62	29.60 1.68 -6.43	28.57 1.64 -5.63	29.92 1.68 -6.48	29.76 1.55 -7.00	29.42 1.54 -6.73	28.65 1.41 -7.90	28.27 1.42 -7.32	28.63 1.38 -9.06	29.54 1.34 -9.55	31.81 1.37 -11.42	35.31 1.55 -12.51	34.96 1.62 -11.95	29.36 1.58 -6.49	25.69 1.62 -3.05	23.20 1.52 -1.61	20.51 1.43 -0.09
AST_ENERGY_2_CC3 323677	23.76 1.39 0.00	21.81 1.00 0.00	20.26 0.96 0.00	19.05 0.94 0.00	19.14 0.95 0.00	19.55 0.97 0.00	22.55 1.32 0.00	24.40 1.47 -1.61	27.77 1.55 -4.73	28.41 1.49 -5.62	29.32 1.52 -6.03	29.63 1.42 -6.99	28.40 1.42 -5.83	28.52 1.30 -7.90	28.14 1.31 -7.31	27.99 1.27 -8.54	29.42 1.23 -9.54	31.69 1.25 -11.42	35.18 1.42 -12.50	34.83 1.50 -11.95	29.23 1.45 -6.48	25.55 1.49 -3.04	23.07 1.40 -1.61	20.39 1.31 -0.08
AST_ENERGY_2_CC4 323678	23.76 1.39 0.00	21.81 1.00 0.00	20.26 0.96 0.00	19.05 0.94 0.00	19.14 0.95 0.00	19.55 0.97 0.00	22.55 1.32 0.00	24.40 1.47 -1.61	27.77 1.55 -4.73	28.41 1.49 -5.62	29.32 1.52 -6.03	29.63 1.42 -6.99	28.40 1.42 -5.83	28.52 1.30 -7.90	28.14 1.31 -7.31	27.99 1.27 -8.54	29.42 1.23 -9.54	31.69 1.25 -11.42	35.18 1.42 -12.50	34.83 1.50 -11.95	29.23 1.45 -6.48	25.55 1.49 -3.04	23.07 1.40 -1.61	20.39 1.31 -0.08
ATHENS_STG_1 23668	23.15 0.78 0.00	21.37 0.56 0.00	19.83 0.54 0.00	18.61 0.51 0.00	18.70 0.51 0.00	19.12 0.54 0.00	21.98 0.74 0.00	24.02 0.83 -1.87	27.83 0.84 -5.50	27.66 0.83 -5.53	28.02 0.85 -5.40	27.85 0.79 -5.86	26.63 0.76 -4.72	26.41 0.69 -6.38	24.43 0.72 -4.18	23.46 0.69 -4.58	25.09 0.71 -5.73	27.78 0.72 -8.04	29.84 0.83 -7.76	28.68 0.88 -6.42	28.26 0.85 -6.11	23.46 0.82 -1.63	21.88 0.80 -1.02	19.85 0.76 -0.10
ATHENS_STG_2 23670	23.15 0.78 0.00	21.37 0.56 0.00	19.83 0.54 0.00	18.61 0.51 0.00	18.70 0.51 0.00	19.12 0.54 0.00	21.98 0.74 0.00	24.02 0.83 -1.87	27.83 0.84 -5.50	27.66 0.83 -5.53	28.02 0.85 -5.40	27.85 0.79 -5.86	26.63 0.76 -4.72	26.41 0.69 -6.38	24.43 0.72 -4.18	23.46 0.69 -4.58	25.09 0.71 -5.73	27.78 0.72 -8.04	29.84 0.83 -7.76	28.68 0.88 -6.42	28.26 0.85 -6.11	23.46 0.82 -1.63	21.88 0.80 -1.02	19.85 0.76 -0.10

ATHENS_STG_3 23677	23.15 0.78 0.00	21.37 0.56 0.00	19.83 0.54 0.00	18.61 0.51 0.00	18.70 0.51 0.00	19.12 0.54 0.00	21.98 0.74 0.00	24.02 0.83 -1.87	27.83 0.84 -5.50	27.66 0.83 -5.53	28.02 0.85 -5.40	27.85 0.79 -5.86	26.63 0.76 -4.72	26.41 0.69 -6.38	24.43 0.72 -4.18	23.46 0.69 -4.58	25.09 0.71 -5.73	27.78 0.72 -8.04	29.84 0.83 -7.76	28.68 0.88 -6.42	28.26 0.85 -6.11	23.46 0.82 -1.63	21.88 0.80 -1.02	19.85 0.76 -0.10
AUBURN____LFGE 323710	22.80 0.43 0.00	21.17 0.35 0.00	19.60 0.31 0.00	18.38 0.27 0.00	18.48 0.29 0.00	18.90 0.32 0.00	21.53 0.30 0.00	21.73 0.23 -0.17	22.39 0.39 -0.51	22.07 0.34 -0.43	22.49 0.35 -0.37	21.83 0.25 -0.36	21.63 0.21 -0.27	19.88 0.17 -0.37	19.74 0.18 -0.04	18.36 0.18 0.00	18.93 0.17 -0.11	19.56 0.21 -0.33	21.80 0.36 -0.19	21.82 0.43 -0.01	22.09 0.34 -0.45	21.25 0.23 0.00	20.27 0.18 -0.03	19.14 0.13 -0.01
BABYLON_RES_REC 323704	24.50 2.13 -0.01	22.39 1.58 0.00	20.68 1.39 0.00	19.47 1.36 0.00	19.61 1.42 0.00	20.03 1.45 0.00	23.06 1.83 0.00	24.93 2.00 -1.61	28.27 2.04 -4.74	29.07 2.13 -5.64	29.78 1.98 -6.03	30.16 1.95 -7.00	28.86 1.88 -5.83	28.96 1.74 -7.89	28.60 1.78 -7.30	28.38 1.67 -8.52	29.96 1.77 -9.54	32.51 1.79 -11.71	36.57 2.02 -13.30	35.47 2.14 -11.95	32.03 2.07 -8.67	27.22 2.06 -4.14	23.80 2.03 -1.72	21.00 1.92 -0.08
BABYLON__69_KV_BK2 356345	24.81 2.44 0.00	22.67 1.85 0.00	20.93 1.64 0.00	19.68 1.58 0.00	19.85 1.66 0.00	20.20 1.62 0.00	23.31 2.08 0.00	25.13 2.20 -1.61	28.48 2.26 -4.74	29.37 2.43 -5.64	30.08 2.29 -6.03	30.50 2.29 -6.99	29.18 2.20 -5.83	29.25 2.03 -7.89	28.89 2.07 -7.30	28.65 1.95 -8.52	30.21 2.03 -9.53	32.78 2.05 -11.71	38.55 2.34 -14.96	35.80 2.46 -11.96	32.34 2.36 -8.67	27.56 2.40 -4.15	24.06 2.29 -1.72	21.22 2.15 -0.08
BALL_HILL_WT_PWR 323825	22.66 0.29 0.00	21.23 0.42 0.00	19.60 0.31 0.00	18.31 0.20 0.00	18.45 0.25 0.00	18.84 0.26 0.00	21.17 -0.06 0.00	20.19 -1.36 -0.23	21.23 -0.95 -0.68	21.05 -0.83 -0.58	21.38 -0.89 -0.50	20.47 -1.23 -0.48	20.33 -1.18 -0.37	18.74 -1.08 -0.49	18.47 -1.11 -0.06	17.51 -0.67 0.00	17.67 -1.12 -0.15	18.36 -1.10 -0.44	20.42 -1.08 -0.25	20.68 -0.71 -0.01	20.88 -1.02 -0.61	20.19 -0.82 0.00	19.15 -0.94 -0.04	18.28 -0.72 -0.01
BARON_WINDS____WT_PWR 323822	22.84 0.47 0.00	21.31 0.50 0.00	19.70 0.41 0.00	18.43 0.33 0.00	18.55 0.36 0.00	18.95 0.37 0.00	21.42 0.19 0.00	21.38 -0.23 -0.30	22.05 -0.32 -0.30	21.75 -0.30 -0.37	22.04 -0.37 -0.64	21.20 -0.64 -0.63	20.94 -0.68 -0.47	19.35 -0.62 -0.64	18.97 -0.63 -0.08	17.85 -0.33 0.00	18.22 -0.61 -0.19	18.98 -0.61 -0.57	20.94 -0.64 -0.32	21.20 -0.19 -0.01	21.59 -0.49 -0.78	20.66 -0.36 0.00	19.65 -0.46 -0.05	18.65 -0.36 -0.02
BARRETT_IC_1 23704	24.19 1.81 -0.01	22.15 1.33 0.00	20.47 1.18 0.00	19.25 1.14 0.00	19.39 1.20 0.00	19.81 1.23 0.00	22.80 1.57 0.00	24.68 1.75 -1.61	27.96 1.74 -4.74	28.73 1.79 -5.64	29.45 1.65 -6.03	29.82 1.61 -7.00	28.54 1.56 -5.83	28.65 1.43 -7.89	28.27 1.44 -7.30	28.07 1.36 -8.52	29.60 1.42 -9.54	32.12 1.41 -11.70	35.40 1.61 -12.53	35.06 1.73 -11.95	31.60 1.64 -8.66	26.84 1.68 -4.14	23.48 1.70 -1.72	20.73 1.65 -0.08
BARRETT_IC_10 23701	24.19 1.81 -0.01	22.15 1.33 0.00	20.47 1.18 0.00	19.25 1.14 0.00	19.39 1.20 0.00	19.81 1.23 0.00	22.80 1.57 0.00	24.68 1.75 -1.61	27.96 1.74 -4.74	28.73 1.79 -5.64	29.45 1.65 -6.03	29.82 1.61 -7.00	28.54 1.56 -5.83	28.65 1.43 -7.89	28.27 1.44 -7.30	28.07 1.36 -8.52	29.60 1.42 -9.54	32.12 1.41 -11.70	35.40 1.61 -12.53	35.06 1.73 -11.95	31.60 1.64 -8.66	26.84 1.68 -4.14	23.48 1.70 -1.72	20.73 1.65 -0.08
BARRETT_IC_11 23702	24.19 1.81 -0.01	22.15 1.33 0.00	20.47 1.18 0.00	19.25 1.14 0.00	19.39 1.20 0.00	19.81 1.23 0.00	22.80 1.57 0.00	24.68 1.75 -1.61	27.96 1.74 -4.74	28.73 1.79 -5.64	29.45 1.65 -6.03	29.82 1.61 -7.00	28.54 1.56 -5.83	28.65 1.43 -7.89	28.27 1.44 -7.30	28.07 1.36 -8.52	29.60 1.42 -9.54	32.12 1.41 -11.70	35.40 1.61 -12.53	35.06 1.73 -11.95	31.60 1.64 -8.66	26.84 1.68 -4.14	23.48 1.70 -1.72	20.73 1.65 -0.08
BARRETT_IC_12 23703	24.19 1.81 -0.01	22.15 1.33 0.00	20.47 1.18 0.00	19.25 1.14 0.00	19.39 1.20 0.00	19.81 1.23 0.00	22.80 1.57 0.00	24.68 1.75 -1.61	27.96 1.74 -4.74	28.73 1.79 -5.64	29.45 1.65 -6.03	29.82 1.61 -7.00	28.54 1.56 -5.83	28.65 1.43 -7.89	28.27 1.44 -7.30	28.07 1.36 -8.52	29.60 1.42 -9.54	32.12 1.41 -11.70	35.40 1.61 -12.53	35.06 1.73 -11.95	31.60 1.64 -8.66	26.84 1.68 -4.14	23.48 1.70 -1.72	20.73 1.65 -0.08
BARRETT_IC_2 23705	24.19 1.81 -0.01	22.15 1.33 0.00	20.47 1.18 0.00	19.25 1.14 0.00	19.39 1.20 0.00	19.81 1.23 0.00	22.80 1.57 0.00	24.68 1.75 -1.61	27.96 1.74 -4.74	28.73 1.79 -5.64	29.45 1.65 -6.03	29.82 1.61 -7.00	28.54 1.56 -5.83	28.65 1.43 -7.89	28.27 1.44 -7.30	28.07 1.36 -8.52	29.60 1.42 -9.54	32.12 1.41 -11.70	35.40 1.61 -12.53	35.06 1.73 -11.95	31.60 1.64 -8.66	26.84 1.68 -4.14	23.48 1.70 -1.72	20.73 1.65 -0.08
BARRETT_IC_3 23706	24.19 1.81 -0.01	22.15 1.33 0.00	20.47 1.18 0.00	19.25 1.14 0.00	19.39 1.20 0.00	19.81 1.23 0.00	22.80 1.57 0.00	24.68 1.75 -1.61	27.96 1.74 -4.74	28.73 1.79 -5.64	29.45 1.65 -6.03	29.82 1.61 -7.00	28.54 1.56 -5.83	28.65 1.43 -7.89	28.27 1.44 -7.30	28.07 1.36 -8.52	29.60 1.42 -9.54	32.12 1.41 -11.70	35.40 1.61 -12.53	35.06 1.73 -11.95	31.60 1.64 -8.66	26.84 1.68 -4.14	23.48 1.70 -1.72	20.73 1.65 -0.08
BARRETT_IC_4 23707	24.19 1.81 -0.01	22.15 1.33 0.00	20.47 1.18 0.00	19.25 1.14 0.00	19.39 1.20 0.00	19.81 1.23 0.00	22.80 1.57 0.00	24.68 1.75 -1.61	27.96 1.74 -4.74	28.73 1.79 -5.64	29.45 1.65 -6.03	29.82 1.61 -7.00	28.54 1.56 -5.83	28.65 1.43 -7.89	28.27 1.44 -7.30	28.07 1.36 -8.52	29.60 1.42 -9.54	32.12 1.41 -11.70	35.40 1.61 -12.53	35.06 1.73 -11.95	31.60 1.64 -8.66	26.84 1.68 -4.14	23.48 1.70 -1.72	20.73 1.65 -0.08
BARRETT_IC_5 23708	24.19 1.81 -0.01	22.15 1.33 0.00	20.47 1.18 0.00	19.25 1.14 0.00	19.39 1.20 0.00	19.81 1.23 0.00	22.80 1.57 0.00	24.68 1.75 -1.61	27.96 1.74 -4.74	28.73 1.79 -5.64	29.45 1.65 -6.03	29.82 1.61 -7.00	28.54 1.56 -5.83	28.65 1.43 -7.89	28.27 1.44 -7.30	28.07 1.36 -8.52	29.60 1.42 -9.54	32.12 1.41 -11.70	35.40 1.61 -12.53	35.06 1.73 -11.95	31.60 1.64 -8.66	26.84 1.68 -4.14	23.48 1.70 -1.72	20.73 1.65 -0.08
BARRETT_IC_6 23709	24.19 1.81 -0.01	22.15 1.33 0.00	20.47 1.18 0.00	19.25 1.14 0.00	19.39 1.20 0.00	19.81 1.23 0.00	22.80 1.57 0.00	24.68 1.75 -1.61	27.96 1.74 -4.74	28.73 1.79 -5.64	29.45 1.65 -6.03	29.82 1.61 -7.00	28.54 1.56 -5.83	28.65 1.43 -7.89	28.27 1.44 -7.30	28.07 1.36 -8.52	29.60 1.42 -9.54	32.12 1.41 -11.70	35.40 1.61 -12.53	35.06 1.73 -11.95	31.60 1.64 -8.66	26.84 1.68 -4.14	23.48 1.70 -1.72	20.73 1.65 -0.08

BARRETT_IC_7 23710	24.18 1.81 0.00	22.14 1.33 0.00	20.47 1.18 0.00	19.25 1.14 0.00	19.37 1.18 0.00	19.77 1.19 0.00	22.80 1.57 0.00	24.61 1.68 -1.61	27.94 1.72 -4.74	28.73 1.79 -5.64	29.45 1.65 -6.03	29.82 1.61 -6.99	28.54 1.56 -5.83	28.65 1.43 -7.89	28.27 1.44 -7.30	28.07 1.36 -8.52	29.59 1.42 -9.53	32.12 1.41 -11.70	35.44 1.66 -12.53	35.04 1.71 -11.95	31.60 1.64 -8.66	26.84 1.68 -4.14	23.46 1.68 -1.72	20.73 1.65 -0.08
BARRETT_IC_8 23711	24.19 1.81 -0.01	22.15 1.33 0.00	20.47 1.18 0.00	19.25 1.14 0.00	19.39 1.20 0.00	19.81 1.23 0.00	22.80 1.57 0.00	24.68 1.75 -1.61	27.96 1.74 -4.74	28.73 1.79 -5.64	29.45 1.65 -6.03	29.82 1.61 -7.00	28.54 1.56 -5.83	28.65 1.43 -7.89	28.27 1.44 -7.30	28.07 1.36 -8.52	29.60 1.42 -9.54	32.12 1.41 -11.70	35.40 1.61 -12.53	35.06 1.73 -11.95	31.60 1.64 -8.66	26.84 1.68 -4.14	23.48 1.70 -1.72	20.73 1.65 -0.08
BARRETT_IC_9 23700	24.19 1.81 -0.01	22.15 1.33 0.00	20.47 1.18 0.00	19.25 1.14 0.00	19.39 1.20 0.00	19.81 1.23 0.00	22.80 1.57 0.00	24.68 1.75 -1.61	27.96 1.74 -4.74	28.73 1.79 -5.64	29.45 1.65 -6.03	29.82 1.61 -7.00	28.54 1.56 -5.83	28.65 1.43 -7.89	28.27 1.44 -7.30	28.07 1.36 -8.52	29.60 1.42 -9.54	32.12 1.41 -11.70	35.40 1.61 -12.53	35.06 1.73 -11.95	31.60 1.64 -8.66	26.84 1.68 -4.14	23.48 1.70 -1.72	20.73 1.65 -0.08
BARRETT___1 23545	24.19 1.81 -0.01	22.15 1.33 0.00	20.47 1.18 0.00	19.25 1.14 0.00	19.39 1.20 0.00	19.81 1.23 0.00	22.80 1.57 0.00	24.68 1.75 -1.61	27.96 1.74 -4.74	28.73 1.79 -5.64	29.45 1.65 -6.03	29.82 1.61 -7.00	28.54 1.56 -5.83	28.65 1.43 -7.89	28.27 1.44 -7.30	28.07 1.36 -8.52	29.60 1.42 -9.54	32.12 1.41 -11.70	35.40 1.61 -12.53	35.06 1.73 -11.95	31.60 1.64 -8.66	26.84 1.68 -4.14	23.48 1.70 -1.72	20.73 1.65 -0.08
BARRETT___2 23546	24.19 1.81 -0.01	22.15 1.33 0.00	20.47 1.18 0.00	19.25 1.14 0.00	19.39 1.20 0.00	19.81 1.23 0.00	22.80 1.57 0.00	24.68 1.75 -1.61	27.96 1.74 -4.74	28.73 1.79 -5.64	29.45 1.65 -6.03	29.82 1.61 -7.00	28.54 1.56 -5.83	28.65 1.43 -7.89	28.27 1.44 -7.30	28.07 1.36 -8.52	29.60 1.42 -9.54	32.12 1.41 -11.70	35.40 1.61 -12.53	35.06 1.73 -11.95	31.60 1.64 -8.66	26.84 1.68 -4.14	23.48 1.70 -1.72	20.73 1.65 -0.08
BATAVIA___115KV_TB1 55881	22.59 0.22 0.00	21.12 0.31 0.00	19.54 0.25 0.00	18.25 0.14 0.00	18.39 0.20 0.00	18.79 0.20 0.00	21.11 -0.13 0.00	20.57 -0.94 -0.19	21.61 -0.45 -0.57	21.38 -0.40 -0.48	21.73 -0.46 -0.41	20.83 -0.78 -0.40	20.65 -0.80 -0.30	19.03 -0.72 -0.41	18.85 -0.72 -0.05	17.54 -0.64 0.00	18.08 -0.69 -0.12	18.72 -0.67 -0.37	20.89 -0.57 -0.21	20.85 -0.53 -0.01	21.29 -0.51 -0.50	20.28 -0.74 0.00	19.25 -0.84 -0.03	18.32 -0.68 -0.01
BAYONEEC___CTG1 323682	23.78 1.41 0.00	21.83 1.02 0.00	20.28 0.98 0.00	19.05 0.94 0.00	19.15 0.96 0.00	19.57 0.98 0.00	22.59 1.36 0.00	24.42 1.49 -1.61	27.79 1.57 -4.73	28.46 1.53 -5.62	29.37 1.57 -6.03	29.65 1.44 -6.99	28.44 1.46 -5.83	28.56 1.33 -7.90	28.18 1.35 -7.31	28.03 1.31 -8.54	29.46 1.27 -9.54	31.69 1.25 -11.42	35.18 1.42 -12.50	34.85 1.52 -11.95	29.25 1.47 -6.48	25.57 1.51 -3.04	23.11 1.45 -1.61	20.41 1.33 -0.08
BAYONEEC___CTG10 323750	23.78 1.41 0.00	21.83 1.02 0.00	20.28 0.98 0.00	19.05 0.94 0.00	19.15 0.96 0.00	19.57 0.98 0.00	22.59 1.36 0.00	24.42 1.49 -1.61	27.79 1.57 -4.73	28.46 1.53 -5.62	29.37 1.57 -6.03	29.65 1.44 -6.99	28.44 1.46 -5.83	28.56 1.33 -7.90	28.18 1.35 -7.31	28.03 1.31 -8.54	29.46 1.27 -9.54	31.69 1.25 -11.42	35.18 1.42 -12.50	34.85 1.52 -11.95	29.25 1.47 -6.48	25.57 1.51 -3.04	23.11 1.45 -1.61	20.41 1.33 -0.08
BAYONEEC___CTG2 323683	23.78 1.41 0.00	21.83 1.02 0.00	20.28 0.98 0.00	19.05 0.94 0.00	19.15 0.96 0.00	19.57 0.98 0.00	22.59 1.36 0.00	24.42 1.49 -1.61	27.79 1.57 -4.73	28.46 1.53 -5.62	29.37 1.57 -6.03	29.65 1.44 -6.99	28.44 1.46 -5.83	28.56 1.33 -7.90	28.18 1.35 -7.31	28.03 1.31 -8.54	29.46 1.27 -9.54	31.69 1.25 -11.42	35.18 1.42 -12.50	34.85 1.52 -11.95	29.25 1.47 -6.48	25.57 1.51 -3.04	23.11 1.45 -1.61	20.41 1.33 -0.08
BAYONEEC___CTG3 323684	23.78 1.41 0.00	21.83 1.02 0.00	20.28 0.98 0.00	19.05 0.94 0.00	19.15 0.96 0.00	19.57 0.98 0.00	22.59 1.36 0.00	24.42 1.49 -1.61	27.79 1.57 -4.73	28.46 1.53 -5.62	29.37 1.57 -6.03	29.65 1.44 -6.99	28.44 1.46 -5.83	28.56 1.33 -7.90	28.18 1.35 -7.31	28.03 1.31 -8.54	29.46 1.27 -9.54	31.69 1.25 -11.42	35.18 1.42 -12.50	34.85 1.52 -11.95	29.25 1.47 -6.48	25.57 1.51 -3.04	23.11 1.45 -1.61	20.41 1.33 -0.08
BAYONEEC___CTG4 323685	23.78 1.41 0.00	21.83 1.02 0.00	20.28 0.98 0.00	19.05 0.94 0.00	19.15 0.96 0.00	19.57 0.98 0.00	22.59 1.36 0.00	24.42 1.49 -1.61	27.79 1.57 -4.73	28.46 1.53 -5.62	29.37 1.57 -6.03	29.65 1.44 -6.99	28.44 1.46 -5.83	28.56 1.33 -7.90	28.18 1.35 -7.31	28.03 1.31 -8.54	29.46 1.27 -9.54	31.69 1.25 -11.42	35.18 1.42 -12.50	34.85 1.52 -11.95	29.25 1.47 -6.48	25.57 1.51 -3.04	23.11 1.45 -1.61	20.41 1.33 -0.08
BAYONEEC___CTG5 323686	23.78 1.41 0.00	21.83 1.02 0.00	20.28 0.98 0.00	19.05 0.94 0.00	19.15 0.96 0.00	19.57 0.98 0.00	22.59 1.36 0.00	24.42 1.49 -1.61	27.79 1.57 -4.73	28.46 1.53 -5.62	29.37 1.57 -6.03	29.65 1.44 -6.99	28.44 1.46 -5.83	28.56 1.33 -7.90	28.18 1.35 -7.31	28.03 1.31 -8.54	29.46 1.27 -9.54	31.69 1.25 -11.42	35.18 1.42 -12.50	34.85 1.52 -11.95	29.25 1.47 -6.48	25.57 1.51 -3.04	23.11 1.45 -1.61	20.41 1.33 -0.08
BAYONEEC___CTG6 323687	23.78 1.41 0.00	21.83 1.02 0.00	20.28 0.98 0.00	19.05 0.94 0.00	19.15 0.96 0.00	19.57 0.98 0.00	22.59 1.36 0.00	24.42 1.49 -1.61	27.79 1.57 -4.73	28.46 1.53 -5.62	29.37 1.57 -6.03	29.65 1.44 -6.99	28.44 1.46 -5.83	28.56 1.33 -7.90	28.18 1.35 -7.31	28.03 1.31 -8.54	29.46 1.27 -9.54	31.69 1.25 -11.42	35.18 1.42 -12.50	34.85 1.52 -11.95	29.25 1.47 -6.48	25.57 1.51 -3.04	23.11 1.45 -1.61	20.41 1.33 -0.08
BAYONEEC___CTG7 323688	23.78 1.41 0.00	21.83 1.02 0.00	20.28 0.98 0.00	19.05 0.94 0.00	19.15 0.96 0.00	19.57 0.98 0.00	22.59 1.36 0.00	24.42 1.49 -1.61	27.79 1.57 -4.73	28.46 1.53 -5.62	29.37 1.57 -6.03	29.65 1.44 -6.99	28.44 1.46 -5.83	28.56 1.33 -7.90	28.18 1.35 -7.31	28.03 1.31 -8.54	29.46 1.27 -9.54	31.69 1.25 -11.42	35.18 1.42 -12.50	34.85 1.52 -11.95	29.25 1.47 -6.48	25.57 1.51 -3.04	23.11 1.45 -1.61	20.41 1.33 -0.08
BAYONEEC___CTG8 323689	23.78 1.41 0.00	21.83 1.02 0.00	20.28 0.98 0.00	19.05 0.94 0.00	19.15 0.96 0.00	19.57 0.98 0.00	22.59 1.36 0.00	24.42 1.49 -1.61	27.79 1.57 -4.73	28.46 1.53 -5.62	29.37 1.57 -6.03	29.65 1.44 -6.99	28.44 1.46 -5.83	28.56 1.33 -7.90	28.18 1.35 -7.31	28.03 1.31 -8.54	29.46 1.27 -9.54	31.69 1.25 -11.42	35.18 1.42 -12.50	34.85 1.52 -11.95	29.25 1.47 -6.48	25.57 1.51 -3.04	23.11 1.45 -1.61	20.41 1.33 -0.08

BAYONEEC___CTG9 323749	23.78 1.41 0.00	21.83 1.02 0.00	20.28 0.98 0.00	19.05 0.94 0.00	19.15 0.96 0.00	19.57 0.98 0.00	22.59 1.36 0.00	24.42 1.49 -1.61	27.79 1.57 -4.73	28.46 1.53 -5.62	29.37 1.57 -6.03	29.65 1.44 -6.99	28.44 1.46 -5.83	28.56 1.33 -7.90	28.18 1.35 -7.31	28.03 1.31 -8.54	29.46 1.27 -9.54	31.69 1.25 -11.42	35.18 1.42 -12.50	34.85 1.52 -11.95	29.25 1.47 -6.48	25.57 1.51 -3.04	23.11 1.45 -1.61	20.41 1.33 -0.08
BEACON___LESR 323632	22.93 0.56 0.00	21.19 0.38 0.00	19.66 0.37 0.00	18.47 0.36 0.00	18.54 0.34 0.00	19.01 0.43 0.00	21.85 0.62 0.00	24.22 0.75 -2.15	28.49 0.67 -6.33	28.15 0.68 -6.17	28.36 0.70 -5.89	28.15 0.66 -6.28	26.86 0.70 -5.02	26.72 0.62 -6.77	24.08 0.62 -3.94	22.96 0.58 -4.19	24.81 0.63 -5.53	27.85 0.63 -8.21	29.53 0.70 -7.58	28.01 0.73 -5.90	28.74 0.70 -6.74	23.18 0.67 -1.49	21.68 0.62 -1.00	19.70 0.59 -0.11
BEAVER RIVER___HYD 24048	22.89 0.51 0.00	21.27 0.46 0.00	19.68 0.39 0.00	18.43 0.33 0.00	18.55 0.36 0.00	18.93 0.35 0.00	21.57 0.34 0.00	21.70 0.32 -0.06	22.04 0.39 -0.17	21.76 0.32 -0.14	22.20 0.30 -0.12	21.54 0.21 -0.12	21.43 0.19 -0.09	19.59 0.14 -0.12	19.56 0.02 -0.01	18.20 0.02 0.00	18.70 0.02 -0.04	19.18 0.06 -0.11	21.48 0.17 -0.06	21.62 0.24 0.00	21.61 0.17 -0.15	21.12 0.11 0.00	20.11 0.04 -0.01	18.98 -0.02 0.00
BEEBEE_GT_13 23619	22.41 0.04 0.00	20.85 0.04 0.00	19.31 0.02 0.00	18.07 -0.04 0.00	18.19 0.00 0.00	18.56 -0.02 0.00	21.04 -0.19 0.00	21.01 -0.47 -0.16	21.83 -0.13 -0.47	21.59 -0.11 -0.40	21.98 -0.13 -0.34	21.21 -0.34 -0.36	21.04 -0.36 -0.31	19.36 -0.31 -0.34	19.25 -0.31 -0.04	17.78 -0.40 0.00	18.43 -0.32 -0.10	19.02 -0.30 -0.31	21.21 -0.21 -0.17	21.09 -0.30 -0.01	21.55 -0.17 -0.42	20.53 -0.48 0.00	19.56 -0.52 -0.03	18.53 -0.47 -0.01
BENSHRST_27_KV_BENSHRST_1 355998	24.05 1.68 0.00	22.08 1.27 0.00	20.49 1.20 0.00	19.27 1.16 0.00	19.34 1.15 0.00	19.79 1.21 0.00	22.78 1.55 0.00	24.57 1.64 -1.61	29.73 1.81 -6.43	28.67 1.75 -5.62	30.08 1.83 -6.48	29.88 1.68 -6.99	29.57 1.69 -6.73	28.78 1.55 -7.90	28.38 1.54 -7.31	28.75 1.51 -9.06	29.64 1.45 -9.54	31.97 1.54 -11.42	35.52 1.76 -12.50	35.17 1.84 -11.95	29.50 1.73 -6.48	25.82 1.77 -3.04	23.29 1.62 -1.61	20.62 1.54 -0.08
BETHLEHEM___GRP 23843	22.57 0.20 0.00	20.85 0.04 0.00	19.37 0.08 0.00	18.20 0.09 0.00	18.28 0.09 0.00	18.71 0.13 0.00	21.49 0.25 0.00	23.84 0.36 -2.16	28.15 0.32 -6.34	27.77 0.30 -6.17	27.96 0.30 -5.89	27.79 0.30 -6.28	26.46 0.30 -5.01	26.37 0.27 -6.77	23.71 0.27 -3.92	22.60 0.25 -4.17	24.45 0.30 -5.51	27.51 0.30 -8.19	29.15 0.34 -7.55	27.59 0.34 -5.87	28.38 0.34 -6.74	22.81 0.32 -1.48	21.36 0.30 -1.00	19.39 0.28 -0.11
BETHLEHEM___GS1 323560	22.57 0.20 0.00	20.85 0.04 0.00	19.37 0.08 0.00	18.20 0.09 0.00	18.26 0.07 0.00	18.73 0.15 0.00	21.49 0.26 0.00	23.86 0.38 -2.16	28.15 0.32 -6.34	27.77 0.30 -6.17	27.96 0.30 -5.89	27.79 0.30 -6.28	26.46 0.30 -5.01	26.37 0.27 -6.77	23.71 0.27 -3.92	22.61 0.25 -4.17	24.45 0.30 -5.51	27.51 0.30 -8.19	29.15 0.34 -7.55	27.59 0.34 -5.87	28.38 0.34 -6.74	22.81 0.32 -1.48	21.36 0.30 -1.00	19.39 0.29 -0.11
BETHLEHEM___GS2 323561	22.57 0.20 0.00	20.85 0.04 0.00	19.37 0.08 0.00	18.20 0.09 0.00	18.26 0.07 0.00	18.73 0.15 0.00	21.49 0.26 0.00	23.86 0.38 -2.16	28.15 0.32 -6.34	27.77 0.30 -6.17	27.96 0.30 -5.89	27.79 0.30 -6.28	26.46 0.30 -5.01	26.37 0.27 -6.77	23.71 0.27 -3.92	22.61 0.25 -4.17	24.45 0.30 -5.51	27.51 0.30 -8.19	29.15 0.34 -7.55	27.59 0.34 -5.87	28.38 0.34 -6.74	22.81 0.32 -1.48	21.36 0.30 -1.00	19.39 0.29 -0.11
BETHLEHEM___GS3 323562	22.57 0.20 0.00	20.85 0.04 0.00	19.37 0.08 0.00	18.20 0.09 0.00	18.26 0.07 0.00	18.73 0.15 0.00	21.49 0.26 0.00	23.86 0.38 -2.16	28.15 0.32 -6.34	27.77 0.30 -6.17	27.96 0.30 -5.89	27.79 0.30 -6.28	26.46 0.30 -5.01	26.37 0.27 -6.77	23.71 0.27 -3.92	22.61 0.25 -4.17	24.45 0.30 -5.51	27.51 0.30 -8.19	29.15 0.34 -7.55	27.59 0.34 -5.87	28.38 0.34 -6.74	22.81 0.32 -1.48	21.36 0.30 -1.00	19.39 0.29 -0.11
BETHLEHEM___STEEL 23779	22.62 0.25 0.00	21.19 0.37 0.00	19.58 0.29 0.00	18.29 0.18 0.00	18.43 0.24 0.00	18.82 0.24 0.00	21.13 -0.11 0.00	20.12 -1.43 -0.23	21.14 -1.01 -0.66	20.97 -0.89 -0.56	21.30 -0.96 -0.48	20.41 -1.27 -0.47	20.28 -1.23 -0.36	18.69 -1.12 -0.48	18.43 -1.15 -0.06	17.47 -0.71 0.00	17.65 -1.14 -0.14	18.31 -1.14 -0.43	20.37 -1.13 -0.24	20.62 -0.77 -0.01	20.82 -1.06 -0.59	20.13 -0.88 0.00	19.11 -0.98 -0.04	18.27 -0.74 -0.01
BETHLHEM_115KV_TB1 79974	22.64 0.27 0.00	20.94 0.12 0.00	19.45 0.15 0.00	18.25 0.14 0.00	18.35 0.16 0.00	18.77 0.19 0.00	21.55 0.32 0.00	23.88 0.41 -2.16	28.22 0.39 -6.34	27.85 0.38 -6.17	28.05 0.39 -5.89	27.85 0.36 -6.27	26.52 0.36 -5.01	26.42 0.33 -6.76	23.76 0.33 -3.91	22.65 0.31 -4.16	24.50 0.35 -5.50	27.56 0.36 -8.18	29.20 0.40 -7.54	27.66 0.43 -5.85	28.45 0.40 -6.74	22.87 0.38 -1.48	21.42 0.36 -1.00	19.45 0.34 -0.11
BETHPAGE_CC_5 323564	24.39 2.01 -0.01	22.33 1.52 0.00	20.62 1.33 0.00	19.39 1.29 0.00	19.56 1.36 0.00	19.98 1.39 0.00	22.97 1.74 0.00	24.83 1.90 -1.61	28.16 1.93 -4.74	28.96 2.02 -5.64	29.69 1.89 -6.03	30.08 1.87 -7.00	28.79 1.82 -5.83	28.89 1.66 -7.89	28.50 1.68 -7.30	28.29 1.58 -8.52	29.84 1.66 -9.54	32.39 1.67 -11.70	35.88 1.89 -12.73	35.34 2.01 -11.95	31.90 1.94 -8.66	27.09 1.93 -4.14	23.68 1.91 -1.72	20.90 1.82 -0.08
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	22.71 0.34 0.00	21.29 0.48 0.00	19.66 0.37 0.00	18.36 0.25 0.00	18.50 0.31 0.00	18.90 0.32 0.00	21.23 0.00 0.00	20.08 -1.47 -0.23	21.13 -1.03 -0.67	20.95 -0.92 -0.57	21.28 -0.98 -0.49	20.37 -1.32 -0.48	20.26 -1.25 -0.36	18.66 -1.16 -0.48	18.39 -1.19 -0.06	17.54 -0.64 0.00	17.62 -1.17 -0.14	18.27 -1.18 -0.44	20.33 -1.17 -0.24	20.71 -0.68 -0.01	20.79 -1.11 -0.60	20.22 -0.80 0.00	19.17 -0.92 -0.04	18.34 -0.66 -0.01
BINGHAMTON___COGEN 23790	22.86 0.49 0.00	21.23 0.42 0.00	19.66 0.37 0.00	18.43 0.33 0.00	18.52 0.33 0.00	18.94 0.35 0.00	21.57 0.34 0.00	21.82 0.06 -0.43	22.98 0.21 -1.28	22.58 0.19 -1.09	22.90 0.20 -0.93	22.18 0.06 -0.91	21.88 0.04 -0.69	20.29 0.04 -0.92	19.69 0.06 -0.11	18.34 0.16 0.00	18.96 0.04 -0.27	19.91 0.06 -0.83	21.89 0.17 -0.47	21.74 0.34 -0.02	22.61 0.17 -1.14	21.22 0.21 0.00	20.27 0.14 -0.07	19.17 0.15 -0.02
BIXINCNT_115KV_LOAD 355685	22.95 0.58 0.00	21.54 0.73 0.00	19.87 0.58 0.00	18.54 0.43 0.00	18.66 0.47 0.00	19.12 0.54 0.00	21.40 0.17 0.00	20.02 -1.53 -0.24	20.95 -1.25 -0.70	20.92 -0.98 -0.60	21.13 -1.15 -0.51	20.10 -1.61 -0.50	19.87 -1.65 -0.38	18.24 -1.60 -0.51	17.88 -1.70 -0.06	17.38 -0.80 0.00	17.27 -1.53 -0.15	17.93 -1.54 -0.46	19.94 -1.57 -0.26	20.77 -0.62 -0.01	20.56 -1.36 -0.62	20.24 -0.78 0.00	19.11 -0.98 -0.04	18.30 -0.70 -0.01

BLACK RIVER___HYD 24047	23.22 0.85 0.00	21.54 0.73 0.00	19.93 0.64 0.00	18.67 0.56 0.00	18.81 0.62 0.00	19.18 0.59 0.00	21.81 0.57 0.00	21.99 0.60 -0.08	22.38 0.67 -0.22	22.04 0.55 -0.19	22.50 0.57 -0.16	21.79 0.42 -0.16	21.65 0.38 -0.12	19.80 0.31 -0.16	19.79 0.25 -0.02	18.42 0.24 0.00	18.94 0.24 -0.05	19.48 0.32 -0.15	21.84 0.51 -0.08	22.03 0.64 0.00	22.05 0.55 -0.20	21.46 0.44 0.00	20.41 0.34 -0.01	19.23 0.23 0.00
BLACKRVR_115KV_TB2 79977	23.22 0.85 0.00	21.54 0.73 0.00	19.93 0.64 0.00	18.67 0.56 0.00	18.81 0.62 0.00	19.18 0.59 0.00	21.81 0.57 0.00	21.93 0.53 -0.08	22.38 0.67 -0.22	22.04 0.55 -0.19	22.50 0.57 -0.16	21.80 0.42 -0.16	21.65 0.38 -0.12	19.80 0.31 -0.16	19.80 0.25 -0.02	18.42 0.24 0.00	18.94 0.24 -0.05	19.48 0.32 -0.15	21.87 0.53 -0.08	22.03 0.64 0.00	22.05 0.55 -0.20	21.46 0.44 0.00	20.41 0.34 -0.01	19.23 0.23 0.00
BLISS_WT_PWR 323608	22.93 0.56 0.00	21.54 0.73 0.00	19.85 0.56 0.00	18.52 0.42 0.00	18.65 0.45 0.00	19.12 0.54 0.00	21.38 0.15 0.00	20.51 -1.04 -0.24	20.88 -1.31 -0.70	20.89 -1.00 -0.60	21.09 -1.20 -0.51	20.01 -1.70 -0.50	19.77 -1.75 -0.38	18.14 -1.70 -0.51	17.77 -1.81 -0.06	17.27 -0.91 0.00	17.18 -1.62 -0.15	17.84 -1.64 -0.46	19.64 -1.87 -0.26	20.73 -0.66 -0.01	20.50 -1.43 -0.62	20.15 -0.86 0.00	19.09 -1.00 -0.04	18.25 -0.76 -0.01
BLUESTONE___WT_PWR 323821	23.82 1.45 0.00	22.08 1.27 0.00	20.43 1.14 0.00	19.12 1.01 0.00	19.28 1.09 0.00	19.70 1.11 0.00	22.40 1.17 0.00	22.97 1.15 -0.50	24.20 1.25 -1.47	23.59 1.19 -1.10	23.82 1.22 -0.83	22.89 0.98 -0.70	22.58 0.95 -0.48	20.80 0.83 -0.64	19.84 0.84 0.52	18.20 0.82 0.80	18.91 0.75 0.48	19.99 0.80 -0.18	21.82 1.04 0.47	21.60 1.30 1.09	23.50 1.11 -1.09	21.78 1.05 0.28	20.91 0.90 0.05	19.80 0.78 -0.03
BLUE_CIRC_CHEM_DRP 24182	22.95 0.58 0.00	21.23 0.42 0.00	19.70 0.41 0.00	18.51 0.40 0.00	18.59 0.40 0.00	19.01 0.43 0.00	21.83 0.59 0.00	24.10 0.66 -2.12	28.35 0.62 -6.24	28.03 0.64 -6.09	28.26 0.65 -5.83	28.06 0.62 -6.23	26.77 0.63 -4.98	26.64 0.58 -6.73	24.07 0.59 -3.97	22.96 0.55 -4.24	24.77 0.58 -5.55	27.77 0.57 -8.18	29.51 0.66 -7.59	28.00 0.66 -5.95	28.60 0.64 -6.67	23.15 0.63 -1.50	21.66 0.60 -1.00	19.67 0.57 -0.11
BOC_GAS_DRP 24189	22.86 0.49 0.00	21.12 0.31 0.00	19.62 0.33 0.00	18.41 0.31 0.00	18.52 0.33 0.00	18.94 0.35 0.00	21.72 0.49 0.00	24.01 0.53 -2.16	28.40 0.56 -6.35	28.02 0.55 -6.17	28.21 0.57 -5.88	27.97 0.51 -6.25	26.65 0.51 -4.99	26.53 0.46 -6.74	23.87 0.49 -3.86	22.73 0.45 -4.10	24.57 0.48 -5.44	27.64 0.49 -8.13	29.29 0.57 -7.47	27.75 0.60 -5.77	28.61 0.58 -6.74	23.02 0.55 -1.46	21.59 0.54 -0.99	19.62 0.51 -0.11
BOONVILLE_115KV_TB1 79983	22.95 0.58 0.00	21.31 0.50 0.00	19.74 0.44 0.00	18.49 0.38 0.00	18.61 0.42 0.00	19.01 0.43 0.00	21.68 0.45 0.00	21.78 0.41 -0.05	22.15 0.52 -0.15	21.89 0.47 -0.13	22.36 0.48 -0.11	21.68 0.36 -0.11	21.57 0.34 -0.08	19.73 0.29 -0.11	19.77 0.23 -0.01	18.38 0.20 0.00	18.89 0.21 -0.03	19.34 0.23 -0.10	21.65 0.34 -0.05	21.79 0.41 0.00	21.77 0.34 -0.13	21.29 0.27 0.00	20.29 0.22 -0.01	19.15 0.15 0.00
BORALEX_4TH_BRANCH 23824	23.18 0.81 0.00	21.40 0.58 0.00	19.89 0.60 0.00	18.67 0.56 0.00	18.75 0.56 0.00	19.20 0.61 0.00	22.04 0.81 0.00	24.33 0.87 -2.14	28.72 0.95 -6.28	28.38 0.92 -6.16	28.62 0.94 -5.91	28.43 0.89 -6.33	27.10 0.89 -5.07	26.99 0.81 -6.84	24.46 0.84 -4.10	23.36 0.78 -4.40	25.27 0.90 -5.73	28.33 0.93 -8.38	30.10 1.02 -7.83	28.58 1.00 -6.19	29.07 1.02 -6.75	23.57 0.99 -1.57	22.09 1.00 -1.03	20.07 0.97 -0.11
BOWLINE___1 23526	23.58 1.21 0.00	21.69 0.87 0.00	20.12 0.83 0.00	18.88 0.78 0.00	18.99 0.80 0.00	19.40 0.82 0.00	22.36 1.12 0.00	24.04 1.24 -1.48	27.13 1.29 -4.35	28.15 1.26 -5.60	29.29 1.28 -6.23	29.82 1.21 -7.40	28.57 1.18 -6.24	28.87 1.08 -8.45	29.18 1.09 -8.56	29.38 1.07 -10.12	30.75 1.06 -11.04	32.81 1.08 -12.71	36.87 1.25 -14.36	36.88 1.35 -14.15	29.14 1.28 -6.56	25.88 1.26 -3.61	23.08 1.18 -1.84	20.19 1.12 -0.08
BOWLINE___2 23595	23.58 1.21 0.00	21.69 0.87 0.00	20.12 0.83 0.00	18.88 0.78 0.00	18.99 0.80 0.00	19.40 0.82 0.00	22.36 1.12 0.00	24.04 1.24 -1.48	27.13 1.29 -4.35	28.15 1.26 -5.60	29.28 1.28 -6.23	29.82 1.21 -7.40	28.57 1.18 -6.24	28.86 1.08 -8.45	29.17 1.09 -8.56	29.37 1.07 -10.11	30.74 1.06 -11.03	32.80 1.08 -12.70	36.85 1.25 -14.35	36.86 1.35 -14.13	29.14 1.28 -6.56	25.88 1.26 -3.61	23.08 1.18 -1.83	20.19 1.12 -0.08
BRADY___115KV_TB2 356060	22.15 -0.22 0.00	20.75 -0.06 0.00	19.20 -0.10 0.00	18.03 -0.07 0.00	18.12 -0.07 0.00	18.47 -0.11 0.00	21.06 -0.17 0.00	21.19 -0.13 0.00	21.25 -0.24 0.00	21.11 -0.19 0.00	21.60 -0.17 0.00	21.11 -0.11 0.00	21.06 -0.08 0.00	19.24 -0.10 0.00	19.42 -0.10 0.00	18.07 -0.11 0.00	18.50 -0.15 0.00	18.84 -0.17 0.00	21.02 -0.23 0.00	21.10 -0.28 0.00	21.04 -0.26 0.00	20.80 -0.21 0.00	19.82 -0.24 0.00	18.80 -0.19 0.00
BRANSCOMB___SOLAR 323811	23.53 1.16 0.00	21.73 0.91 0.00	20.16 0.87 0.00	18.92 0.82 0.00	19.01 0.82 0.00	19.47 0.89 0.00	22.40 1.17 0.00	24.71 1.19 -2.19	29.10 1.16 -6.45	28.80 1.26 -6.25	29.02 1.31 -5.94	28.78 1.25 -6.31	27.45 1.27 -5.04	27.27 1.14 -6.80	24.46 1.09 -3.85	23.27 1.02 -4.07	25.17 1.08 -5.44	28.25 1.06 -8.17	29.98 1.25 -7.48	28.40 1.28 -5.74	29.40 1.28 -6.82	23.68 1.22 -1.45	22.19 1.14 -0.99	20.19 1.08 -0.11
BRENTWOD_69_KV_W. BRTWOOD 56703	24.70 2.33 0.00	22.56 1.75 0.00	20.84 1.54 0.00	19.61 1.50 0.00	19.75 1.56 0.00	20.13 1.54 0.00	23.23 2.00 0.00	25.04 2.11 -1.61	28.40 2.17 -4.74	29.26 2.32 -5.64	29.95 2.16 -6.03	30.37 2.16 -6.99	29.05 2.07 -5.83	29.14 1.91 -7.89	28.78 1.95 -7.30	28.52 1.82 -8.52	30.12 1.94 -9.53	32.67 1.94 -11.71	38.44 2.19 -15.00	35.63 2.29 -11.96	32.19 2.22 -8.67	27.43 2.27 -4.15	23.98 2.21 -1.72	21.13 2.05 -0.08
BRISTLHL_115KV_TB1 79998	22.88 0.51 0.00	21.25 0.44 0.00	19.66 0.37 0.00	18.45 0.34 0.00	18.55 0.36 0.00	18.94 0.35 0.00	21.57 0.34 0.00	21.76 0.32 -0.12	22.33 0.49 -0.34	22.04 0.45 -0.29	22.50 0.48 -0.25	21.84 0.38 -0.24	21.65 0.32 -0.18	19.87 0.29 -0.25	19.86 0.31 -0.03	18.44 0.25 0.00	18.96 0.24 -0.07	19.51 0.27 -0.22	21.80 0.43 -0.13	21.86 0.47 0.00	22.03 0.43 -0.31	21.33 0.32 0.00	20.36 0.28 -0.02	19.23 0.23 -0.01
BROOKHAVEN___DRP 24191	24.79 2.42 0.00	22.64 1.83 0.00	20.89 1.60 0.00	19.70 1.59 0.00	19.85 1.66 0.00	20.22 1.64 0.00	23.29 2.06 0.00	25.13 2.20 -1.61	28.46 2.23 -4.74	29.35 2.41 -5.64	30.06 2.26 -6.03	30.46 2.25 -7.00	29.13 2.16 -5.83	29.22 1.99 -7.89	28.86 2.03 -7.30	28.64 1.93 -8.53	30.22 2.03 -9.54	32.83 2.05 -11.76	47.89 2.34 -24.30	35.83 2.44 -12.01	32.38 2.36 -8.72	27.54 2.37 -4.15	24.06 2.29 -1.72	21.21 2.13 -0.08

BROOKLYN_NAVY_YARD 23515	23.78 1.41 0.00	21.83 1.02 0.00	20.28 0.98 0.00	19.05 0.94 0.00	19.15 0.96 0.00	19.57 0.98 0.00	22.59 1.36 0.00	24.44 1.51 -1.61	27.83 1.61 -4.73	28.48 1.55 -5.62	29.37 1.57 -6.03	29.65 1.44 -6.99	28.44 1.46 -5.83	28.54 1.32 -7.90	28.16 1.33 -7.31	28.03 1.31 -8.54	29.44 1.25 -9.54	31.71 1.27 -11.42	35.20 1.45 -12.50	34.85 1.52 -11.95	29.25 1.47 -6.48	25.57 1.51 -3.04	23.11 1.45 -1.61	20.41 1.33 -0.08
BROOKLYN___ARMY_DRP 323595	23.96 1.59 0.00	22.02 1.21 0.00	20.43 1.14 0.00	19.21 1.10 0.00	19.28 1.09 0.00	19.73 1.15 0.00	22.72 1.49 0.00	24.48 1.56 -1.61	29.64 1.72 -6.43	28.58 1.66 -5.62	29.99 1.74 -6.48	29.80 1.59 -6.99	29.48 1.61 -6.73	28.70 1.47 -7.90	28.30 1.46 -7.31	28.68 1.44 -9.06	29.57 1.38 -9.54	31.88 1.45 -11.42	35.43 1.68 -12.50	35.06 1.73 -11.95	29.42 1.64 -6.48	25.74 1.68 -3.04	23.21 1.54 -1.61	20.56 1.48 -0.08
BROOKVLE_69_KV_TB1 55790	24.23 1.86 0.00	22.19 1.37 0.00	20.53 1.23 0.00	19.30 1.20 0.00	19.43 1.24 0.00	19.83 1.25 0.00	22.87 1.63 0.00	24.66 1.73 -1.61	28.05 1.83 -4.74	28.86 1.92 -5.64	29.69 1.89 -6.03	30.03 1.82 -6.99	28.77 1.80 -5.83	28.85 1.62 -7.89	28.46 1.64 -7.30	28.27 1.56 -8.52	29.76 1.59 -9.53	32.33 1.62 -11.70	35.63 1.85 -12.53	35.28 1.95 -11.95	31.81 1.85 -8.66	27.01 1.85 -4.14	23.54 1.77 -1.72	20.75 1.67 -0.08
BROOME_2_LFGE 323671	22.86 0.49 0.00	21.23 0.42 0.00	19.66 0.37 0.00	18.43 0.33 0.00	18.52 0.33 0.00	18.93 0.35 0.00	21.57 0.34 0.00	21.97 0.21 -0.43	22.96 0.19 -1.28	22.58 0.19 -1.09	22.90 0.20 -0.93	22.18 0.06 -0.91	21.85 0.02 -0.69	20.29 0.04 -0.92	19.69 0.06 -0.11	18.35 0.16 0.00	18.96 0.04 -0.27	19.91 0.06 -0.83	21.83 0.11 -0.47	21.74 0.34 -0.02	22.60 0.17 -1.14	21.22 0.21 0.00	20.29 0.16 -0.07	19.17 0.15 -0.02
BROOME___LFGE 323600	22.86 0.49 0.00	21.23 0.42 0.00	19.66 0.37 0.00	18.43 0.33 0.00	18.52 0.33 0.00	18.93 0.35 0.00	21.57 0.34 0.00	21.97 0.21 -0.43	22.96 0.19 -1.28	22.58 0.19 -1.09	22.90 0.20 -0.93	22.18 0.06 -0.91	21.85 0.02 -0.69	20.29 0.04 -0.92	19.69 0.06 -0.11	18.35 0.16 0.00	18.96 0.04 -0.27	19.91 0.06 -0.83	21.83 0.11 -0.47	21.74 0.34 -0.02	22.60 0.17 -1.14	21.22 0.21 0.00	20.29 0.16 -0.07	19.17 0.15 -0.02
BROWNFLS_115KV_TB_3_5 80003	22.55 0.18 0.00	21.00 0.19 0.00	19.45 0.15 0.00	18.23 0.13 0.00	18.34 0.15 0.00	18.71 0.13 0.00	21.32 0.08 0.00	21.44 0.09 -0.04	21.71 0.11 -0.12	21.48 0.09 -0.10	21.94 0.09 -0.09	21.34 0.04 -0.08	21.25 0.04 -0.06	19.44 0.02 -0.08	19.47 -0.06 -0.01	18.11 -0.07 0.00	18.58 -0.09 -0.02	18.98 -0.11 -0.08	21.21 -0.09 -0.04	21.30 -0.09 0.00	21.30 -0.11 -0.10	20.91 -0.11 0.00	19.94 -0.12 -0.01	18.86 -0.13 0.00
BROWNSV1_27_KV_LOAD 356125	23.96 1.59 0.00	21.98 1.17 0.00	20.41 1.12 0.00	19.19 1.09 0.00	19.26 1.07 0.00	19.73 1.15 0.00	22.74 1.51 0.00	24.53 1.60 -1.61	27.98 1.76 -4.73	28.63 1.70 -5.62	29.56 1.76 -6.03	29.82 1.61 -6.99	28.61 1.63 -5.83	28.72 1.49 -7.90	28.34 1.50 -7.31	28.17 1.45 -8.53	29.61 1.42 -9.54	31.88 1.45 -11.42	35.41 1.66 -12.50	35.06 1.73 -11.95	29.44 1.66 -6.48	25.76 1.70 -3.04	23.25 1.58 -1.61	20.54 1.46 -0.08
BURROWS___LYONSDAL 23803	22.95 0.58 0.00	21.31 0.50 0.00	19.74 0.44 0.00	18.49 0.38 0.00	18.61 0.42 0.00	19.01 0.43 0.00	21.66 0.42 0.00	21.78 0.41 -0.05	22.14 0.49 -0.15	21.85 0.43 -0.13	22.32 0.44 -0.11	21.64 0.32 -0.11	21.53 0.30 -0.08	19.69 0.25 -0.11	19.71 0.18 -0.01	18.33 0.15 0.00	18.83 0.15 -0.03	19.29 0.17 -0.10	21.61 0.30 -0.06	21.75 0.36 0.00	21.73 0.30 -0.14	21.25 0.23 0.00	20.23 0.16 -0.01	19.09 0.09 0.00
CAITHNESS_CC_1 323624	24.68 2.30 -0.01	22.56 1.75 0.00	20.84 1.54 0.00	19.63 1.52 0.00	19.79 1.60 0.00	20.22 1.64 0.00	23.21 1.98 0.00	25.13 2.20 -1.61	28.44 2.21 -4.74	29.26 2.32 -5.64	29.98 2.18 -6.03	30.39 2.16 -7.01	29.05 2.07 -5.83	29.14 1.91 -7.89	28.78 1.95 -7.30	28.57 1.86 -8.53	30.13 1.94 -9.55	32.75 1.98 -11.76	47.69 2.21 -24.23	35.72 2.33 -12.01	32.27 2.26 -8.72	27.46 2.29 -4.15	24.00 2.23 -1.72	21.15 2.07 -0.08
CALPINE BETH_PAGE_GT4 24209	24.41 2.04 0.00	22.31 1.50 0.00	20.62 1.33 0.00	19.39 1.29 0.00	19.54 1.35 0.00	19.92 1.34 0.00	22.97 1.74 0.00	24.72 1.79 -1.61	28.07 1.85 -4.74	28.90 1.96 -5.64	29.65 1.85 -6.03	30.03 1.82 -6.99	28.75 1.78 -5.83	28.85 1.62 -7.89	28.46 1.64 -7.30	28.25 1.55 -8.52	29.78 1.60 -9.53	32.35 1.64 -11.70	35.81 1.87 -12.68	35.28 1.95 -11.95	31.83 1.87 -8.66	27.03 1.87 -4.14	23.62 1.85 -1.72	20.90 1.82 -0.08
CALPINE_BETH_PAGE_GT_4 323586	24.39 2.01 -0.01	22.31 1.50 0.00	20.62 1.33 0.00	19.39 1.29 0.00	19.54 1.35 0.00	19.96 1.38 0.00	22.97 1.74 0.00	24.78 1.85 -1.61	28.12 1.89 -4.74	28.90 1.96 -5.64	29.65 1.85 -6.03	30.04 1.82 -7.00	28.73 1.75 -5.83	28.85 1.62 -7.89	28.47 1.64 -7.30	28.25 1.54 -8.52	29.81 1.62 -9.54	32.35 1.64 -11.70	35.78 1.85 -12.68	35.30 1.97 -11.95	31.83 1.87 -8.66	27.03 1.87 -4.14	23.64 1.87 -1.72	20.90 1.82 -0.08
CALPINE_BP_GT1 23823	24.39 2.01 -0.01	22.31 1.50 0.00	20.62 1.33 0.00	19.39 1.29 0.00	19.54 1.35 0.00	19.96 1.38 0.00	22.97 1.74 0.00	24.78 1.85 -1.61	28.12 1.89 -4.74	28.90 1.96 -5.64	29.65 1.85 -6.03	30.04 1.82 -7.00	28.73 1.75 -5.83	28.85 1.62 -7.89	28.47 1.64 -7.30	28.25 1.54 -8.52	29.81 1.62 -9.54	32.35 1.64 -11.70	35.78 1.85 -12.68	35.30 1.97 -11.95	31.83 1.87 -8.66	27.03 1.87 -4.14	23.64 1.87 -1.72	20.90 1.82 -0.08
CALSPAN___DRP 24200	22.62 0.25 0.00	21.19 0.37 0.00	19.58 0.29 0.00	18.29 0.18 0.00	18.43 0.24 0.00	18.82 0.24 0.00	21.13 -0.11 0.00	20.12 -1.43 -0.23	21.14 -1.01 -0.66	20.97 -0.89 -0.56	21.30 -0.96 -0.48	20.41 -1.27 -0.47	20.28 -1.23 -0.36	18.69 -1.12 -0.48	18.43 -1.15 -0.06	17.47 -0.71 0.00	17.65 -1.14 -0.14	18.31 -1.14 -0.43	20.37 -1.13 -0.24	20.62 -0.77 -0.01	20.82 -1.06 -0.59	20.13 -0.88 0.00	19.11 -0.98 -0.04	18.27 -0.74 -0.01
CALVERTON___SOLAR 323806	24.88 2.50 -0.01	22.73 1.91 0.00	20.99 1.70 0.00	19.77 1.66 0.00	19.94 1.75 0.00	20.37 1.78 0.00	23.38 2.14 0.00	25.30 2.37 -1.61	28.61 2.39 -4.74	29.45 2.51 -5.64	30.17 2.37 -6.03	30.58 2.35 -7.01	29.24 2.26 -5.83	29.31 2.09 -7.89	28.95 2.13 -7.30	28.73 2.02 -8.53	30.32 2.13 -9.55	32.94 2.17 -11.76	48.00 2.42 -24.33	35.93 2.54 -12.01	32.49 2.47 -8.72	27.65 2.48 -4.15	24.16 2.39 -1.72	21.30 2.22 -0.08
CANDIGU_WT_PWR 323617	22.84 0.47 0.00	21.31 0.50 0.00	19.70 0.41 0.00	18.43 0.33 0.00	18.55 0.36 0.00	18.95 0.37 0.00	21.42 0.19 0.00	21.38 -0.23 -0.30	22.05 -0.32 -0.88	21.75 -0.30 -0.75	22.04 -0.37 -0.64	21.20 -0.64 -0.63	20.94 -0.68 -0.47	19.35 -0.62 -0.64	18.97 -0.63 -0.08	17.85 -0.33 0.00	18.22 -0.61 -0.19	18.98 -0.61 -0.57	20.94 -0.64 -0.32	21.20 -0.19 -0.01	21.59 -0.49 -0.78	20.66 -0.36 0.00	19.65 -0.46 -0.05	18.65 -0.36 -0.02

CARR STREET_E__SYR 24060	22.44 0.07 0.00	20.85 0.04 0.00	19.29 0.00 0.00	18.11 0.00 0.00	18.19 0.00 0.00	18.58 0.00 0.00	21.19 -0.04 0.00	21.44 0.00 -0.13	21.86 0.00 -0.37	21.61 0.00 -0.31	22.04 0.00 -0.27	21.41 -0.06 -0.26	21.24 -0.11 -0.20	19.50 -0.10 -0.27	19.48 -0.08 -0.03	18.09 -0.09 0.00	18.63 -0.09 -0.08	19.16 -0.09 -0.24	21.32 -0.06 -0.13	21.39 0.00 0.00	21.60 -0.02 -0.33	20.91 -0.10 0.00	19.98 -0.10 -0.02	18.91 -0.09 -0.01
CARTHAGE__PAPER 23857	22.95 0.58 0.00	21.33 0.52 0.00	19.74 0.44 0.00	18.49 0.38 0.00	18.63 0.44 0.00	18.99 0.41 0.00	21.64 0.40 0.00	21.77 0.38 -0.07	22.14 0.45 -0.20	21.83 0.36 -0.17	22.26 0.35 -0.15	21.61 0.26 -0.14	21.47 0.21 -0.11	19.63 0.15 -0.15	19.62 0.08 -0.02	18.25 0.07 0.00	18.77 0.07 -0.04	19.28 0.13 -0.13	21.62 0.30 -0.07	21.75 0.36 0.00	21.78 0.30 -0.18	21.22 0.21 0.00	20.21 0.14 -0.01	19.06 0.06 0.00
CASSADAGA_WT_PWR 323784	23.17 0.80 0.00	21.69 0.87 0.00	19.99 0.69 0.00	18.63 0.53 0.00	18.74 0.55 0.00	19.05 0.46 0.00	21.40 0.17 0.00	20.90 -0.66 -0.24	21.42 -0.77 -0.70	21.21 -0.68 -0.60	21.54 -0.74 -0.51	20.56 -1.15 -0.50	20.36 -1.16 -0.38	18.74 -1.10 -0.51	18.37 -1.21 -0.06	17.51 -0.67 0.00	17.51 -1.29 -0.15	18.16 -1.31 -0.46	20.09 -1.42 -0.26	20.73 -0.66 -0.01	20.77 -1.15 -0.62	20.15 -0.86 0.00	19.05 -1.04 -0.04	18.15 -0.85 -0.01
CE_DUNWOOD__DRP 24194	23.69 1.32 0.00	21.77 0.96 0.00	20.20 0.91 0.00	18.98 0.87 0.00	19.06 0.87 0.00	19.51 0.93 0.00	22.49 1.25 0.00	24.26 1.34 -1.60	27.63 1.44 -4.70	28.33 1.41 -5.62	29.25 1.44 -6.05	29.58 1.34 -7.03	28.35 1.33 -5.87	28.50 1.22 -7.95	28.18 1.23 -7.43	28.04 1.18 -8.68	29.50 1.17 -9.68	31.75 1.20 -11.54	35.33 1.40 -12.67	35.01 1.48 -12.15	29.19 1.41 -6.49	25.50 1.39 -3.10	22.99 1.30 -1.63	20.31 1.23 -0.08
CE_MILLWOOD__DRP 24193	23.65 1.28 0.00	21.73 0.92 0.00	20.16 0.87 0.00	18.94 0.83 0.00	19.03 0.84 0.00	19.47 0.89 0.00	22.44 1.21 0.00	24.18 1.28 -1.58	27.53 1.40 -4.64	28.28 1.36 -5.62	29.24 1.39 -6.07	29.59 1.29 -7.09	28.34 1.27 -5.93	28.52 1.16 -8.02	28.30 1.17 -7.60	28.23 1.15 -8.90	29.67 1.14 -9.89	31.89 1.16 -11.72	35.52 1.34 -12.93	35.28 1.43 -12.46	29.14 1.34 -6.50	25.53 1.34 -3.18	22.98 1.26 -1.66	20.27 1.20 -0.08
CE_NYC2_DRP 24202	23.91 1.54 0.00	21.96 1.14 0.00	20.37 1.08 0.00	19.16 1.05 0.00	19.23 1.04 0.00	19.70 1.11 0.00	22.70 1.47 0.00	24.48 1.56 -1.61	29.62 1.70 -6.43	28.56 1.64 -5.62	29.92 1.68 -6.48	29.76 1.55 -6.99	29.44 1.56 -6.73	28.66 1.43 -7.90	28.26 1.43 -7.31	28.64 1.40 -9.06	29.55 1.36 -9.54	31.82 1.39 -11.42	35.35 1.59 -12.50	34.98 1.65 -11.95	29.37 1.60 -6.48	25.68 1.62 -3.04	23.19 1.52 -1.61	20.50 1.42 -0.08
CE_NYC_DRP 24195	23.82 1.45 0.00	21.87 1.06 0.00	20.30 1.00 0.00	19.08 0.98 0.00	19.17 0.98 0.00	19.62 1.04 0.00	22.61 1.38 0.00	24.40 1.47 -1.61	27.83 1.61 -4.73	28.48 1.55 -5.62	29.41 1.61 -6.03	29.69 1.48 -6.99	28.48 1.50 -5.83	28.58 1.35 -7.90	28.20 1.37 -7.31	28.06 1.35 -8.53	29.48 1.29 -9.54	31.74 1.31 -11.42	35.26 1.51 -12.50	34.92 1.58 -11.95	29.29 1.51 -6.48	25.61 1.56 -3.04	23.13 1.46 -1.61	20.45 1.37 -0.08
CHAFFEE__LFGE 323603	22.66 0.29 0.00	21.23 0.42 0.00	19.62 0.33 0.00	18.32 0.22 0.00	18.46 0.27 0.00	18.86 0.28 0.00	21.19 -0.04 0.00	20.68 -0.88 -0.23	21.14 -1.03 -0.68	20.98 -0.89 -0.58	21.31 -0.96 -0.50	20.40 -1.29 -0.48	20.27 -1.25 -0.37	18.69 -1.14 -0.49	18.43 -1.15 -0.06	17.53 -0.65 0.00	17.66 -1.14 -0.15	18.34 -1.12 -0.45	20.18 -1.32 -0.25	20.71 -0.69 -0.01	20.84 -1.06 -0.61	20.22 -0.80 0.00	19.19 -0.90 -0.04	18.34 -0.67 -0.01
CHATEAUG_35_KV_LOAD 355732	22.12 -0.25 0.00	20.75 -0.06 0.00	19.20 -0.10 0.00	18.05 -0.05 0.00	18.10 -0.09 0.00	18.43 -0.15 0.00	21.02 -0.21 0.00	21.08 -0.23 0.00	21.15 -0.34 0.00	21.04 -0.26 0.00	21.47 -0.30 0.00	20.87 -0.34 0.00	20.94 -0.21 0.00	19.22 -0.12 0.00	19.33 -0.20 0.00	17.98 -0.20 0.00	18.44 -0.21 0.00	18.77 -0.25 0.00	20.96 -0.30 0.00	20.98 -0.41 0.00	20.91 -0.38 0.00	20.64 -0.38 0.00	19.56 -0.50 0.00	18.61 -0.38 0.00
CHATEAUG_WT_PWR 323614	22.12 -0.25 0.00	20.75 -0.06 0.00	19.20 -0.10 0.00	18.05 -0.05 0.00	18.10 -0.09 0.00	18.43 -0.15 0.00	21.00 -0.23 0.00	20.94 -0.38 0.00	21.12 -0.37 0.00	21.02 -0.28 0.00	21.44 -0.33 0.00	20.81 -0.40 0.00	20.96 -0.19 0.00	19.20 -0.13 0.00	19.29 -0.23 0.00	17.96 -0.22 0.00	18.43 -0.22 0.00	18.73 -0.28 0.00	20.96 -0.30 0.00	20.95 -0.43 0.00	20.89 -0.41 0.00	20.64 -0.38 0.00	19.54 -0.52 0.00	18.59 -0.40 0.00
CHAT_HIGH_FALL_HYD 323578	22.12 -0.25 0.00	20.75 -0.06 0.00	19.20 -0.10 0.00	18.05 -0.05 0.00	18.10 -0.09 0.00	18.43 -0.15 0.00	21.02 -0.21 0.00	20.94 -0.38 0.00	21.14 -0.34 0.00	21.04 -0.25 0.00	21.47 -0.30 0.00	20.87 -0.34 0.00	20.96 -0.19 0.00	19.22 -0.12 0.00	19.33 -0.20 0.00	17.98 -0.20 0.00	18.44 -0.20 0.00	18.77 -0.25 0.00	21.00 -0.25 0.00	20.97 -0.41 0.00	20.89 -0.41 0.00	20.64 -0.38 0.00	19.54 -0.52 0.00	18.59 -0.40 0.00
CHAUTAUQUA__LFGE 323629	22.86 0.49 0.00	21.42 0.60 0.00	19.76 0.46 0.00	18.43 0.33 0.00	18.57 0.38 0.00	18.95 0.37 0.00	21.30 0.06 0.00	20.87 -0.68 -0.23	21.36 -0.82 -0.69	21.18 -0.70 -0.59	21.51 -0.76 -0.50	20.58 -1.12 -0.49	20.42 -1.10 -0.37	18.82 -1.01 -0.50	18.53 -1.05 -0.06	17.56 -0.62 0.00	17.71 -1.08 -0.15	18.38 -1.08 -0.45	20.27 -1.23 -0.25	20.75 -0.64 -0.01	20.95 -0.96 -0.61	20.24 -0.78 0.00	19.19 -0.90 -0.04	18.30 -0.70 -0.01
CHERRYST_13_KV_LD 356241	23.87 1.50 0.00	21.92 1.10 0.00	20.35 1.06 0.00	19.12 1.01 0.00	19.21 1.02 0.00	19.68 1.10 0.00	22.66 1.42 0.00	24.46 1.53 -1.61	27.90 1.68 -4.73	28.54 1.62 -5.62	29.48 1.68 -6.03	29.73 1.53 -6.99	28.52 1.54 -5.83	28.64 1.41 -7.90	28.26 1.43 -7.31	28.10 1.38 -8.53	29.53 1.34 -9.54	31.80 1.37 -11.42	35.33 1.57 -12.50	34.96 1.63 -11.95	29.33 1.55 -6.48	25.66 1.60 -3.04	23.17 1.50 -1.61	20.48 1.41 -0.08
CHESTROR_138KV_BK263 355645	23.47 1.10 0.00	21.62 0.81 0.00	20.05 0.75 0.00	18.81 0.71 0.00	18.88 0.69 0.00	19.31 0.72 0.00	22.23 1.00 0.00	23.71 1.04 -1.34	26.53 1.10 -3.95	30.48 1.09 -8.10	33.40 1.11 -10.52	35.85 1.04 -13.59	34.05 1.02 -11.88	36.40 0.93 -16.14	41.29 0.94 -20.83	44.43 0.93 -25.32	45.66 0.91 -26.10	47.19 0.93 -27.24	55.71 1.11 -33.35	57.81 1.18 -35.26	32.64 1.11 -10.24	31.12 1.09 -9.02	25.30 1.02 -4.21	20.03 0.97 -0.07
CH_MIDHUDSON__DRP 24192	23.56 1.19 0.00	21.69 0.87 0.00	20.12 0.83 0.00	18.90 0.80 0.00	18.95 0.76 0.00	19.38 0.80 0.00	22.34 1.10 0.00	24.16 1.17 -1.67	27.63 1.22 -4.92	28.12 1.21 -5.61	28.83 1.22 -5.84	29.05 1.17 -6.67	27.78 1.12 -5.52	27.82 1.02 -7.46	27.00 1.02 -6.46	26.64 1.00 -7.46	28.34 1.03 -8.67	30.69 1.03 -10.65	33.88 1.21 -11.42	33.35 1.28 -10.68	28.91 1.21 -6.40	24.93 1.20 -2.72	22.67 1.14 -1.47	20.16 1.08 -0.09

CH_MISC_IPPS 23765	23.69 1.32 0.00	21.81 1.00 0.00	20.22 0.93 0.00	18.99 0.89 0.00	19.03 0.84 0.00	19.42 0.84 0.00	22.42 1.19 0.00	24.23 1.30 -1.61	27.54 1.31 -4.74	28.19 1.30 -5.59	29.03 1.31 -5.96	29.38 1.27 -6.89	28.09 1.20 -5.74	28.18 1.08 -7.77	27.70 1.07 -7.11	27.54 1.07 -8.28	29.08 1.08 -9.35	31.33 1.08 -11.23	34.81 1.30 -12.26	34.46 1.39 -11.69	29.03 1.30 -6.43	25.25 1.26 -2.98	22.86 1.22 -1.58	20.22 1.14 -0.08
CH_RES_BVR_FALLS 23983	22.06 -0.31 0.00	20.60 -0.21 0.00	19.10 -0.19 0.00	17.93 -0.18 0.00	18.01 -0.18 0.00	18.38 -0.20 0.00	20.98 -0.25 0.00	21.02 -0.30 0.00	21.19 -0.30 0.00	21.02 -0.28 0.00	21.49 -0.28 0.00	20.98 -0.23 0.00	20.96 -0.19 0.00	19.14 -0.19 0.00	19.33 -0.20 0.00	17.98 -0.20 0.00	18.44 -0.20 0.00	18.81 -0.21 0.00	21.00 -0.25 0.00	21.06 -0.32 0.00	21.02 -0.28 0.00	20.76 -0.25 0.00	19.80 -0.26 0.00	18.77 -0.23 0.00
CH_RES_NIAGARA 23895	21.63 -0.74 0.00	20.27 -0.54 0.00	18.75 -0.54 0.00	17.51 -0.60 0.00	17.65 -0.55 0.00	18.03 -0.56 0.00	20.24 -1.00 0.00	20.21 -1.32 -0.21	20.60 -1.50 -0.62	20.42 -1.41 -0.53	20.76 -1.46 -0.45	19.89 -1.76 -0.44	19.77 -1.71 -0.33	18.27 -1.51 -0.45	18.05 -1.52 -0.05	16.78 -1.40 0.00	17.27 -1.51 -0.13	17.90 -1.52 -0.40	19.69 -1.79 -0.23	19.72 -1.67 -0.01	20.29 -1.55 -0.55	19.29 -1.72 0.00	18.37 -1.73 -0.03	17.58 -1.42 -0.01
CH_RES_SYRACUSE 23985	22.68 0.31 0.00	21.06 0.25 0.00	19.51 0.21 0.00	18.31 0.20 0.00	18.39 0.20 0.00	18.79 0.20 0.00	21.40 0.17 0.00	21.69 0.23 -0.14	22.15 0.26 -0.41	21.88 0.23 -0.35	22.33 0.26 -0.30	21.69 0.19 -0.29	21.49 0.13 -0.22	19.74 0.12 -0.29	19.69 0.14 -0.03	18.29 0.11 0.00	18.83 0.09 -0.09	19.40 0.11 -0.27	21.59 0.19 -0.15	21.64 0.26 -0.01	21.87 0.21 -0.36	21.14 0.13 0.00	20.20 0.12 -0.02	19.08 0.08 -0.01
CLINTON_WT_PWR 323605	22.12 -0.25 0.00	20.75 -0.06 0.00	19.20 -0.10 0.00	18.05 -0.05 0.00	18.10 -0.09 0.00	18.43 -0.15 0.00	21.00 -0.23 0.00	20.94 -0.38 0.00	21.12 -0.37 0.00	21.02 -0.28 0.00	21.44 -0.33 0.00	20.81 -0.40 0.00	20.96 -0.19 0.00	19.20 -0.13 0.00	19.29 -0.23 0.00	17.96 -0.22 0.00	18.43 -0.22 0.00	18.73 -0.28 0.00	20.96 -0.30 0.00	20.95 -0.43 0.00	20.89 -0.41 0.00	20.64 -0.38 0.00	19.54 -0.52 0.00	18.59 -0.40 0.00
CLINTON__LFGE 323618	22.28 -0.09 0.00	20.90 0.08 0.00	19.31 0.02 0.00	18.18 0.07 0.00	18.21 0.02 0.00	18.55 -0.04 0.00	21.15 -0.08 0.00	21.04 -0.28 0.00	21.30 -0.19 0.00	21.19 -0.11 0.00	21.64 -0.13 0.00	21.00 -0.21 0.00	21.10 -0.04 0.00	19.35 0.02 0.00	19.48 -0.04 0.00	18.13 -0.05 0.00	18.59 -0.06 0.00	18.92 -0.09 0.00	21.19 -0.06 0.00	21.17 -0.21 0.00	21.09 -0.21 0.00	20.76 -0.25 0.00	19.64 -0.42 0.00	18.71 -0.28 0.00
COBBLENY_34_KV_TB1 80064	22.66 0.29 0.00	21.23 0.42 0.00	19.62 0.33 0.00	18.32 0.22 0.00	18.46 0.27 0.00	18.86 0.28 0.00	21.19 -0.04 0.00	20.10 -1.45 -0.23	21.16 -1.01 -0.68	20.98 -0.89 -0.58	21.31 -0.96 -0.50	20.40 -1.29 -0.48	20.29 -1.23 -0.37	18.69 -1.14 -0.49	18.43 -1.15 -0.06	17.53 -0.65 0.00	17.66 -1.14 -0.15	18.32 -1.14 -0.45	20.40 -1.11 -0.25	20.71 -0.68 -0.01	20.84 -1.06 -0.61	20.22 -0.80 0.00	19.15 -0.94 -0.04	18.32 -0.68 -0.01
COFFEEN__115KV_TB3 355620	23.35 0.98 0.00	21.67 0.85 0.00	20.05 0.75 0.00	18.76 0.65 0.00	18.92 0.73 0.00	19.29 0.71 0.00	21.91 0.68 0.00	22.04 0.64 -0.08	22.51 0.80 -0.23	22.15 0.66 -0.19	22.61 0.67 -0.17	21.88 0.51 -0.16	21.73 0.47 -0.12	19.88 0.39 -0.16	19.87 0.33 -0.02	18.49 0.31 0.00	19.03 0.34 -0.05	19.58 0.42 -0.15	22.02 0.68 -0.08	22.18 0.79 0.00	22.20 0.70 -0.20	21.58 0.57 0.00	20.53 0.46 -0.01	19.32 0.32 0.00
COLDSPRG_115KV_BK1 355956	23.44 1.07 0.00	21.96 1.14 0.00	20.24 0.95 0.00	18.89 0.78 0.00	19.01 0.82 0.00	19.40 0.82 0.00	21.81 0.57 0.00	20.43 -1.13 -0.24	21.50 -0.71 -0.72	21.31 -0.60 -0.61	21.64 -0.65 -0.52	20.68 -1.04 -0.51	20.52 -1.02 -0.39	18.87 -0.99 -0.52	18.53 -1.05 -0.06	17.93 -0.25 0.00	17.72 -1.08 -0.15	18.42 -1.06 -0.47	20.50 -1.02 -0.26	21.24 -0.15 -0.01	21.02 -0.92 -0.64	20.68 -0.34 0.00	19.50 -0.60 -0.04	18.65 -0.36 -0.01
COLONIE_LFGE__ 323577	23.13 0.76 0.00	21.37 0.56 0.00	19.83 0.54 0.00	18.63 0.53 0.00	18.70 0.51 0.00	19.16 0.58 0.00	22.00 0.76 0.00	24.32 0.83 -2.17	28.72 0.84 -6.40	28.37 0.85 -6.22	28.57 0.87 -5.93	28.35 0.83 -6.31	27.01 0.82 -5.04	26.89 0.75 -6.80	24.20 0.76 -3.92	23.06 0.71 -4.17	24.93 0.76 -5.52	28.02 0.78 -8.23	29.70 0.87 -7.57	28.15 0.90 -5.87	28.98 0.89 -6.79	23.36 0.86 -1.48	21.88 0.82 -1.00	19.90 0.80 -0.11
COOPERNY_115KV_TB1 80082	23.26 0.89 0.00	21.48 0.67 0.00	19.91 0.62 0.00	18.69 0.58 0.00	18.77 0.58 0.00	19.20 0.61 0.00	22.02 0.79 0.00	23.11 0.81 -0.98	25.24 0.88 -2.87	23.69 0.87 -1.52	23.27 0.89 -0.60	21.94 0.81 0.08	21.56 0.78 0.37	19.52 0.72 0.53	16.50 0.74 3.77	13.95 0.73 4.96	15.03 0.71 4.33	16.79 0.72 2.95	16.93 0.87 5.20	15.47 0.94 6.85	23.41 0.87 -1.24	20.11 0.86 1.76	20.23 0.80 0.63	19.80 0.76 -0.05
COPENHAGEN_WT_PWR 323753	23.15 0.78 0.00	21.50 0.69 0.00	19.89 0.60 0.00	18.63 0.53 0.00	18.76 0.56 0.00	19.14 0.56 0.00	21.76 0.53 0.00	21.95 0.55 -0.08	22.35 0.62 -0.23	22.01 0.51 -0.20	22.49 0.54 -0.17	21.78 0.40 -0.17	21.61 0.34 -0.13	19.79 0.29 -0.17	19.78 0.24 -0.02	18.40 0.22 0.00	18.92 0.22 -0.05	19.45 0.29 -0.15	21.81 0.47 -0.09	21.98 0.60 0.00	22.02 0.51 -0.21	21.43 0.42 0.00	20.39 0.32 -0.01	19.21 0.21 0.00
CORNELL____ 23752	23.09 0.72 0.00	21.44 0.62 0.00	19.83 0.54 0.00	18.60 0.49 0.00	18.70 0.51 0.00	19.12 0.54 0.00	21.79 0.55 0.00	22.07 0.45 -0.30	22.98 0.60 -0.89	22.59 0.53 -0.76	22.95 0.52 -0.65	22.21 0.36 -0.63	21.97 0.34 -0.48	20.27 0.29 -0.64	19.91 0.31 -0.08	18.53 0.35 0.00	19.16 0.32 -0.19	19.96 0.36 -0.58	22.13 0.55 -0.33	22.06 0.66 -0.01	22.62 0.53 -0.79	21.48 0.46 0.00	20.49 0.38 -0.05	19.35 0.34 -0.02
CORONAAV_69_KV_TB1 355595	24.27 1.90 0.00	22.23 1.42 0.00	20.55 1.25 0.00	19.32 1.21 0.00	19.45 1.26 0.00	19.85 1.26 0.00	22.89 1.66 0.00	24.70 1.77 -1.61	28.05 1.83 -4.74	28.86 1.92 -5.64	29.63 1.83 -6.03	29.99 1.78 -6.99	28.71 1.73 -5.83	28.81 1.59 -7.89	28.43 1.60 -7.30	28.21 1.51 -8.52	29.74 1.57 -9.53	32.28 1.56 -11.70	35.59 1.81 -12.53	35.23 1.90 -11.95	31.77 1.81 -8.66	27.01 1.85 -4.14	23.56 1.79 -1.72	20.81 1.73 -0.08
CORTLAND_115KV_TB3 80093	22.88 0.51 0.00	21.23 0.42 0.00	19.66 0.37 0.00	18.43 0.33 0.00	18.54 0.35 0.00	18.94 0.35 0.00	21.59 0.36 0.00	21.82 0.26 -0.24	22.60 0.39 -0.72	22.25 0.34 -0.61	22.64 0.35 -0.53	21.96 0.23 -0.51	21.72 0.19 -0.39	20.03 0.17 -0.52	19.78 0.20 -0.06	18.40 0.22 0.00	18.97 0.17 -0.15	19.67 0.19 -0.47	21.86 0.34 -0.26	21.82 0.43 -0.01	22.26 0.32 -0.64	21.31 0.29 -0.01	20.34 0.24 -0.04	19.22 0.21 -0.01

COXSACKIE___GT 23611	23.49 1.12 0.00	21.67 0.85 0.00	20.08 0.79 0.00	18.85 0.74 0.00	18.74 0.55 0.00	19.18 0.59 0.00	22.19 0.96 0.00	24.38 1.04 -2.01	28.23 0.82 -5.92	28.01 0.83 -5.88	28.32 0.85 -5.71	28.25 0.89 -6.15	26.88 0.78 -4.95	26.70 0.69 -6.68	24.40 0.66 -4.21	23.43 0.67 -4.58	25.28 0.84 -5.79	28.06 0.76 -8.28	30.17 1.04 -7.88	28.84 1.07 -6.39	28.75 0.98 -6.47	23.53 0.90 -1.62	21.94 0.84 -1.04	19.88 0.78 -0.10
CPV_VALLEY___CC1 323721	23.38 1.01 0.00	21.56 0.75 0.00	19.99 0.69 0.00	18.76 0.65 0.00	18.84 0.65 0.00	19.25 0.67 0.00	22.15 0.91 0.00	23.52 1.02 -1.18	25.99 1.03 -3.47	24.32 1.02 -2.00	23.81 1.04 -1.00	22.48 0.98 -0.29	22.00 0.95 0.10	20.04 0.87 0.17	16.58 0.88 3.82	13.97 0.87 5.08	15.19 0.86 4.32	17.21 0.88 2.68	17.14 1.02 5.13	15.48 1.11 7.01	24.08 1.04 -1.73	20.24 1.03 1.81	20.41 0.96 0.62	19.97 0.91 -0.06
CPV_VALLEY___CC2 323722	23.38 1.01 0.00	21.56 0.75 0.00	19.99 0.69 0.00	18.76 0.65 0.00	18.84 0.65 0.00	19.25 0.67 0.00	22.15 0.91 0.00	23.52 1.02 -1.18	25.99 1.03 -3.47	24.32 1.02 -2.00	23.81 1.04 -1.00	22.48 0.98 -0.29	22.00 0.95 0.10	20.04 0.87 0.17	16.58 0.88 3.82	13.97 0.87 5.08	15.19 0.86 4.32	17.21 0.88 2.68	17.14 1.02 5.13	15.48 1.11 7.01	24.08 1.04 -1.73	20.24 1.03 1.81	20.41 0.96 0.62	19.97 0.91 -0.06
CRESCENT___HYD 24018	23.13 0.76 0.00	21.37 0.56 0.00	19.83 0.54 0.00	18.63 0.53 0.00	18.70 0.51 0.00	19.16 0.58 0.00	22.00 0.76 0.00	24.32 0.83 -2.17	28.72 0.84 -6.40	28.37 0.85 -6.22	28.57 0.87 -5.93	28.35 0.83 -6.31	27.01 0.82 -5.04	26.89 0.75 -6.80	24.20 0.76 -3.92	23.06 0.71 -4.17	24.93 0.76 -5.52	28.02 0.78 -8.23	29.70 0.87 -7.57	28.15 0.90 -5.87	28.98 0.89 -6.79	23.36 0.86 -1.48	21.88 0.82 -1.00	19.90 0.80 -0.11
CRICKET___VALLEY_CC1 323756	23.20 0.83 0.00	21.39 0.58 0.00	19.87 0.58 0.00	18.67 0.56 0.00	18.76 0.56 0.00	19.18 0.59 0.00	22.06 0.83 0.00	24.01 0.92 -1.77	27.68 0.97 -5.22	27.92 0.94 -5.69	28.55 0.96 -5.82	28.65 0.89 -6.54	27.39 0.87 -5.37	27.39 0.79 -7.27	26.18 0.82 -5.84	25.63 0.78 -6.67	27.25 0.82 -7.78	29.78 0.86 -9.91	32.53 0.96 -10.32	31.74 1.01 -9.36	28.69 0.98 -6.42	24.36 0.97 -2.38	22.36 0.96 -1.34	20.02 0.93 -0.09
CRICKET___VALLEY_CC2 323757	23.20 0.83 0.00	21.39 0.58 0.00	19.87 0.58 0.00	18.67 0.56 0.00	18.76 0.56 0.00	19.18 0.59 0.00	22.06 0.83 0.00	24.01 0.92 -1.77	27.68 0.97 -5.22	27.92 0.94 -5.69	28.55 0.96 -5.82	28.65 0.89 -6.54	27.39 0.87 -5.37	27.39 0.79 -7.27	26.18 0.82 -5.84	25.63 0.78 -6.67	27.25 0.82 -7.78	29.78 0.86 -9.91	32.53 0.96 -10.32	31.74 1.01 -9.36	28.69 0.98 -6.42	24.36 0.97 -2.38	22.36 0.96 -1.34	20.02 0.93 -0.09
CRICKET___VALLEY_CC3 323758	23.20 0.83 0.00	21.39 0.58 0.00	19.87 0.58 0.00	18.67 0.56 0.00	18.76 0.56 0.00	19.18 0.59 0.00	22.06 0.83 0.00	24.01 0.92 -1.77	27.68 0.97 -5.22	27.92 0.94 -5.69	28.55 0.96 -5.82	28.65 0.89 -6.54	27.39 0.87 -5.37	27.39 0.79 -7.27	26.18 0.82 -5.84	25.63 0.78 -6.67	27.25 0.82 -7.78	29.78 0.86 -9.91	32.53 0.96 -10.32	31.74 1.01 -9.36	28.69 0.98 -6.42	24.36 0.97 -2.38	22.36 0.96 -1.34	20.02 0.93 -0.09
CRUCIBLE_METL_DRP 24180	22.68 0.31 0.00	21.06 0.25 0.00	19.51 0.21 0.00	18.31 0.20 0.00	18.39 0.20 0.00	18.79 0.20 0.00	21.40 0.17 0.00	21.59 0.13 -0.14	22.15 0.26 -0.41	21.88 0.23 -0.35	22.33 0.26 -0.30	21.69 0.19 -0.29	21.51 0.15 -0.22	19.74 0.12 -0.29	19.69 0.14 -0.03	18.29 0.11 0.00	18.83 0.09 -0.09	19.39 0.11 -0.27	21.61 0.21 -0.15	21.64 0.26 -0.01	21.87 0.21 -0.36	21.14 0.13 0.00	20.20 0.12 -0.02	19.08 0.08 -0.01
DAHOWA___HYDRO 323763	23.64 1.27 0.00	21.83 1.02 0.00	20.24 0.95 0.00	19.01 0.90 0.00	19.10 0.91 0.00	19.55 0.97 0.00	22.53 1.30 0.00	24.80 1.28 -2.20	29.20 1.25 -6.46	28.94 1.38 -6.25	29.15 1.44 -5.94	28.90 1.38 -6.31	27.58 1.40 -5.04	27.38 1.26 -6.79	24.55 1.19 -3.84	23.35 1.11 -4.06	25.25 1.18 -5.42	28.32 1.14 -8.16	30.07 1.36 -7.46	28.48 1.39 -5.71	29.53 1.41 -6.82	23.80 1.35 -1.44	22.29 1.24 -0.99	20.27 1.16 -0.11
DANC___LFGE 323619	22.97 0.60 0.00	21.31 0.50 0.00	19.72 0.42 0.00	18.49 0.38 0.00	18.61 0.42 0.00	18.97 0.39 0.00	21.57 0.34 0.00	21.80 0.38 -0.09	22.22 0.45 -0.27	21.91 0.38 -0.23	22.38 0.41 -0.20	21.73 0.32 -0.19	21.55 0.25 -0.15	19.74 0.21 -0.20	19.72 0.18 -0.02	18.33 0.14 0.00	18.84 0.13 -0.06	19.38 0.19 -0.18	21.69 0.34 -0.10	21.81 0.43 0.00	21.93 0.38 -0.24	21.31 0.29 0.00	20.29 0.22 -0.01	19.15 0.15 0.00
DANSKAMMER___1 23586	23.69 1.32 0.00	21.81 1.00 0.00	20.22 0.93 0.00	18.99 0.89 0.00	19.03 0.84 0.00	19.42 0.84 0.00	22.42 1.19 0.00	24.23 1.30 -1.61	27.54 1.31 -4.74	28.19 1.30 -5.59	29.03 1.31 -5.96	29.38 1.27 -6.89	28.09 1.20 -5.74	28.18 1.08 -7.77	27.70 1.07 -7.11	27.54 1.07 -8.28	29.08 1.08 -9.35	31.33 1.08 -11.23	34.81 1.30 -12.26	34.46 1.39 -11.69	29.03 1.30 -6.43	25.25 1.26 -2.98	22.86 1.22 -1.58	20.22 1.14 -0.08
DANSKAMMER___2 23589	23.69 1.32 0.00	21.81 1.00 0.00	20.22 0.93 0.00	18.99 0.89 0.00	19.03 0.84 0.00	19.42 0.84 0.00	22.42 1.19 0.00	24.23 1.30 -1.61	27.54 1.31 -4.74	28.19 1.30 -5.59	29.03 1.31 -5.96	29.38 1.27 -6.89	28.09 1.20 -5.74	28.18 1.08 -7.77	27.70 1.07 -7.11	27.54 1.07 -8.28	29.08 1.08 -9.35	31.33 1.08 -11.23	34.81 1.30 -12.26	34.46 1.39 -11.69	29.03 1.30 -6.43	25.25 1.26 -2.98	22.86 1.22 -1.58	20.22 1.14 -0.08
DANSKAMMER___3 23590	23.69 1.32 0.00	21.81 1.00 0.00	20.22 0.93 0.00	18.99 0.89 0.00	19.03 0.84 0.00	19.42 0.84 0.00	22.42 1.19 0.00	24.23 1.30 -1.61	27.54 1.31 -4.74	28.19 1.30 -5.59	29.03 1.31 -5.96	29.38 1.27 -6.89	28.09 1.20 -5.74	28.18 1.08 -7.77	27.70 1.07 -7.11	27.54 1.07 -8.28	29.08 1.08 -9.35	31.33 1.08 -11.23	34.81 1.30 -12.26	34.46 1.39 -11.69	29.03 1.30 -6.43	25.25 1.26 -2.98	22.86 1.22 -1.58	20.22 1.14 -0.08
DANSKAMMER___4 23591	23.69 1.32 0.00	21.81 1.00 0.00	20.22 0.93 0.00	18.99 0.89 0.00	19.03 0.84 0.00	19.42 0.84 0.00	22.42 1.19 0.00	24.23 1.30 -1.61	27.54 1.31 -4.74	28.19 1.30 -5.59	29.03 1.31 -5.96	29.38 1.27 -6.89	28.09 1.20 -5.74	28.18 1.08 -7.77	27.70 1.07 -7.11	27.54 1.07 -8.28	29.08 1.08 -9.35	31.33 1.08 -11.23	34.81 1.30 -12.26	34.46 1.39 -11.69	29.03 1.30 -6.43	25.25 1.26 -2.98	22.86 1.22 -1.58	20.22 1.14 -0.08
DANSKAMMER___DIESEL 23592	23.69 1.32 0.00	21.81 1.00 0.00	20.22 0.93 0.00	18.99 0.89 0.00	19.01 0.82 0.00	19.44 0.85 0.00	22.42 1.19 0.00	24.19 1.26 -1.61	27.54 1.31 -4.74	28.19 1.30 -5.59	29.03 1.31 -5.96	29.38 1.27 -6.89	28.09 1.21 -5.74	28.18 1.08 -7.77	27.70 1.07 -7.11	27.53 1.07 -8.28	29.08 1.08 -9.35	31.33 1.08 -11.23	34.83 1.32 -12.26	34.46 1.39 -11.69	29.03 1.30 -6.43	25.25 1.26 -2.98	22.86 1.22 -1.58	20.22 1.14 -0.08

DARBY___SOLAR 323810	23.55 1.18 0.00	21.77 0.96 0.00	20.18 0.89 0.00	18.94 0.83 0.00	19.03 0.84 0.00	19.49 0.91 0.00	22.44 1.21 0.00	24.73 1.21 -2.19	29.13 1.18 -6.46	28.85 1.30 -6.25	29.06 1.35 -5.94	28.82 1.29 -6.31	27.50 1.31 -5.04	27.31 1.18 -6.80	24.48 1.11 -3.85	23.31 1.05 -4.07	25.18 1.10 -5.44	28.27 1.08 -8.17	30.00 1.28 -7.47	28.42 1.30 -5.74	29.42 1.30 -6.82	23.72 1.26 -1.45	22.21 1.16 -0.99	20.21 1.10 -0.11
DASHVILLE___HYD 23610	23.42 1.05 0.00	21.56 0.75 0.00	20.01 0.71 0.00	18.78 0.67 0.00	18.81 0.62 0.00	19.20 0.61 0.00	22.12 0.89 0.00	23.97 0.94 -1.71	27.48 0.97 -5.02	27.54 0.96 -5.28	28.08 0.98 -5.33	28.05 0.93 -5.90	26.83 0.87 -4.82	26.63 0.79 -6.51	25.18 0.78 -4.87	24.47 0.80 -5.49	25.92 0.82 -6.45	28.34 0.80 -8.53	30.90 1.02 -8.62	30.03 1.09 -7.56	28.20 1.00 -5.90	23.92 0.99 -1.92	22.14 0.96 -1.12	19.99 0.91 -0.09
DEERFIELD_69_KV_DEERFIELD LD 355887	25.41 3.04 0.00	23.21 2.39 0.00	21.40 2.10 0.00	20.15 2.05 0.00	20.32 2.13 0.00	20.66 2.08 0.00	23.80 2.57 0.00	25.66 2.73 -1.61	29.04 2.82 -4.74	29.98 3.05 -5.64	30.76 2.96 -6.03	31.16 2.95 -7.00	29.81 2.83 -5.83	29.83 2.61 -7.89	29.46 2.64 -7.30	29.20 2.49 -8.53	30.80 2.61 -9.54	33.44 2.66 -11.76	48.64 3.02 -24.36	36.57 3.19 -12.01	33.06 3.05 -8.72	28.17 3.01 -4.15	24.62 2.85 -1.72	21.70 2.62 -0.08
DELAWARE___LFGE 323621	23.18 0.81 0.00	21.46 0.65 0.00	19.89 0.60 0.00	18.65 0.54 0.00	18.75 0.56 0.00	19.16 0.58 0.00	21.93 0.70 0.00	22.64 0.66 -0.66	24.19 0.77 -1.93	23.51 0.77 -1.44	23.64 0.78 -1.09	22.81 0.68 -0.92	22.45 0.68 -0.63	20.77 0.60 -0.84	19.44 0.61 0.69	17.73 0.60 1.06	18.57 0.56 0.64	19.83 0.59 -0.23	21.35 0.72 0.63	20.75 0.81 1.44	23.48 0.75 -1.43	21.35 0.71 0.38	20.66 0.66 0.06	19.64 0.61 -0.03
DERFIELD_115KV_TB7 355931	22.44 0.07 0.00	20.85 0.04 0.00	19.33 0.04 0.00	18.14 0.04 0.00	18.23 0.04 0.00	18.62 0.04 0.00	21.30 0.06 0.00	21.36 0.04 0.00	21.58 0.09 0.00	21.36 0.06 0.00	21.84 0.07 0.00	21.25 0.04 0.00	21.17 0.02 0.00	19.35 0.02 0.00	19.54 0.02 0.00	18.20 0.02 0.00	18.67 0.02 0.00	19.03 0.02 0.00	21.30 0.04 0.00	21.45 0.06 0.00	21.34 0.04 0.00	21.06 0.04 0.00	20.10 0.04 0.00	19.01 0.02 0.00
DOGLEVILLE___HYD 23807	22.33 -0.04 0.00	20.75 -0.06 0.00	19.24 -0.06 0.00	18.05 -0.05 0.00	18.15 -0.04 0.00	18.56 -0.02 0.00	21.21 -0.02 0.00	21.30 -0.02 0.00	21.47 -0.02 0.00	21.19 -0.11 0.00	21.64 -0.13 0.00	21.02 -0.19 0.00	20.94 -0.21 0.00	19.12 -0.21 0.00	19.27 -0.25 0.00	17.96 -0.22 0.00	18.44 -0.20 0.00	18.81 -0.21 0.00	21.02 -0.23 0.00	21.17 -0.21 0.00	21.06 -0.23 0.00	20.76 -0.25 0.00	19.82 -0.24 0.00	18.73 -0.27 0.00
DUNKIRK___115KV_TB_200 55889	22.82 0.45 0.00	21.37 0.56 0.00	19.74 0.44 0.00	18.41 0.31 0.00	18.55 0.36 0.00	18.94 0.35 0.00	21.28 0.04 0.00	20.30 -1.26 -0.23	21.36 -0.82 -0.69	21.16 -0.72 -0.59	21.51 -0.76 -0.50	20.58 -1.12 -0.49	20.44 -1.08 -0.37	18.82 -1.01 -0.50	18.53 -1.05 -0.06	17.56 -0.62 0.00	17.73 -1.06 -0.15	18.40 -1.06 -0.45	20.48 -1.02 -0.25	20.75 -0.64 -0.01	20.95 -0.96 -0.61	20.24 -0.78 0.00	19.17 -0.92 -0.04	18.30 -0.70 -0.01
DUNKIRK___1 23563	22.82 0.45 0.00	21.37 0.56 0.00	19.74 0.44 0.00	18.41 0.31 0.00	18.55 0.36 0.00	18.94 0.35 0.00	21.28 0.04 0.00	20.30 -1.26 -0.23	21.36 -0.82 -0.69	21.16 -0.72 -0.59	21.51 -0.76 -0.50	20.58 -1.12 -0.49	20.44 -1.08 -0.37	18.82 -1.01 -0.50	18.53 -1.05 -0.06	17.56 -0.62 0.00	17.73 -1.06 -0.15	18.40 -1.06 -0.45	20.48 -1.02 -0.25	20.75 -0.64 -0.01	20.95 -0.96 -0.61	20.24 -0.78 0.00	19.17 -0.92 -0.04	18.30 -0.70 -0.01
DUNKIRK___2 23564	22.82 0.45 0.00	21.37 0.56 0.00	19.74 0.44 0.00	18.41 0.31 0.00	18.55 0.36 0.00	18.94 0.35 0.00	21.28 0.04 0.00	20.30 -1.26 -0.23	21.36 -0.82 -0.69	21.16 -0.72 -0.59	21.51 -0.76 -0.50	20.58 -1.12 -0.49	20.44 -1.08 -0.37	18.82 -1.01 -0.50	18.53 -1.05 -0.06	17.56 -0.62 0.00	17.73 -1.06 -0.15	18.40 -1.06 -0.45	20.48 -1.02 -0.25	20.75 -0.64 -0.01	20.95 -0.96 -0.61	20.24 -0.78 0.00	19.17 -0.92 -0.04	18.30 -0.70 -0.01
DUNKIRK___3 23565	22.73 0.36 0.00	21.27 0.46 0.00	19.66 0.37 0.00	18.34 0.24 0.00	18.48 0.29 0.00	18.88 0.30 0.00	21.21 -0.02 0.00	20.23 -1.32 -0.23	21.28 -0.90 -0.69	21.07 -0.81 -0.59	21.42 -0.85 -0.50	20.51 -1.19 -0.49	20.38 -1.14 -0.37	18.77 -1.06 -0.50	18.49 -1.09 -0.06	17.56 -0.62 0.00	17.71 -1.08 -0.15	18.38 -1.08 -0.45	20.44 -1.06 -0.25	20.75 -0.64 -0.01	20.91 -1.00 -0.61	20.24 -0.78 0.00	19.19 -0.90 -0.04	18.32 -0.68 -0.01
DUNKIRK___4 23566	22.75 0.38 0.00	21.31 0.50 0.00	19.68 0.39 0.00	18.36 0.25 0.00	18.50 0.31 0.00	18.90 0.32 0.00	21.23 0.00 0.00	20.23 -1.32 -0.23	21.28 -0.88 -0.68	21.08 -0.79 -0.57	21.44 -0.83 -0.49	20.50 -1.19 -0.48	20.37 -1.14 -0.36	18.76 -1.06 -0.49	18.49 -1.09 -0.06	17.53 -0.65 0.00	17.69 -1.10 -0.14	18.35 -1.10 -0.44	20.44 -1.06 -0.25	20.71 -0.68 -0.01	20.90 -1.00 -0.60	20.19 -0.82 0.00	19.15 -0.94 -0.04	18.28 -0.72 -0.01
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	23.73 1.36 0.00	21.81 1.00 0.00	20.24 0.95 0.00	19.01 0.91 0.00	19.10 0.91 0.00	19.55 0.97 0.00	22.53 1.30 0.00	24.31 1.39 -1.61	27.73 1.50 -4.73	28.39 1.47 -5.62	29.30 1.50 -6.03	29.61 1.40 -7.00	28.35 1.37 -5.83	28.49 1.26 -7.90	28.11 1.27 -7.32	27.95 1.24 -8.54	29.40 1.21 -9.54	31.67 1.24 -11.42	35.20 1.45 -12.50	34.86 1.52 -11.96	29.23 1.45 -6.48	25.51 1.45 -3.05	23.03 1.36 -1.61	20.35 1.27 -0.08
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	23.56 1.19 0.00	21.69 0.87 0.00	20.12 0.83 0.00	18.89 0.78 0.00	18.94 0.75 0.00	19.36 0.78 0.00	22.29 1.06 0.00	23.94 1.13 -1.49	27.05 1.18 -4.38	28.04 1.17 -5.57	29.13 1.20 -6.17	29.64 1.12 -7.30	28.37 1.08 -6.15	28.65 0.99 -8.33	28.86 1.00 -8.34	29.01 0.98 -9.84	30.42 0.99 -10.79	32.48 0.99 -12.48	36.49 1.19 -14.04	36.43 1.26 -13.79	29.01 1.19 -6.52	25.71 1.18 -3.52	22.96 1.10 -1.80	20.12 1.04 -0.08
E179THST_138_KV_TB4_REV_LBMP_J 345001	23.80 1.43 0.00	21.84 1.04 0.02	20.28 1.00 0.02	19.07 0.98 0.02	19.14 0.96 0.02	19.61 1.04 0.02	22.60 1.38 0.02	24.38 1.47 -1.59	27.80 1.59 -4.72	28.46 1.55 -5.61	29.38 1.59 -6.02	29.65 1.46 -6.98	28.45 1.48 -5.82	28.57 1.35 -7.88	28.17 1.35 -7.30	28.03 1.33 -8.53	29.46 1.29 -9.52	31.71 1.29 -11.40	35.23 1.49 -12.48	34.89 1.56 -11.95	29.27 1.51 -6.46	25.58 1.53 -3.03	23.09 1.44 -1.59	20.41 1.35 -0.07
E179THST_13_KV_LOAD 356214	23.89 1.52 0.00	21.92 1.12 0.02	20.34 1.06 0.02	19.12 1.03 0.02	19.19 1.02 0.02	19.68 1.11 0.02	22.68 1.47 0.02	24.47 1.56 -1.59	27.91 1.70 -4.72	28.55 1.64 -5.61	29.49 1.70 -6.02	29.76 1.57 -6.98	28.56 1.59 -5.82	28.64 1.43 -7.88	28.26 1.44 -7.30	28.11 1.40 -8.53	29.53 1.36 -9.52	31.80 1.39 -11.40	35.33 1.59 -12.48	35.00 1.67 -11.95	29.36 1.60 -6.46	25.68 1.64 -3.03	23.19 1.54 -1.59	20.49 1.42 -0.07

EAST HAMPTON___GT 23717	25.71 3.33 -0.01	23.48 2.66 0.00	21.63 2.33 0.00	20.37 2.26 0.00	20.55 2.36 0.00	21.00 2.41 0.00	24.08 2.85 0.00	26.02 3.09 -1.61	29.40 3.18 -4.74	30.33 3.39 -5.64	31.09 3.29 -6.03	31.51 3.29 -7.01	30.13 3.15 -5.83	30.12 2.90 -7.89	29.75 2.93 -7.30	29.48 2.76 -8.53	31.09 2.89 -9.55	33.74 2.97 -11.76	48.96 3.34 -24.37	36.88 3.49 -12.01	33.40 3.39 -8.72	28.49 3.32 -4.15	24.90 3.13 -1.72	21.95 2.87 -0.08
EAST RIVER___6 23660	23.80 1.43 0.00	21.83 1.02 0.00	20.28 0.98 0.00	19.10 1.00 0.00	19.21 1.02 0.00	19.62 1.04 0.00	22.61 1.38 0.00	24.46 1.54 -1.61	27.85 1.63 -4.73	28.50 1.58 -5.62	29.43 1.63 -6.03	29.71 1.51 -6.99	28.50 1.52 -5.83	28.60 1.37 -7.90	28.22 1.39 -7.31	28.08 1.36 -8.54	29.47 1.29 -9.54	31.76 1.33 -11.42	35.26 1.51 -12.50	34.92 1.58 -11.95	29.29 1.51 -6.48	25.61 1.56 -3.04	23.15 1.48 -1.61	20.45 1.37 -0.08
EAST RIVER___7 23524	23.80 1.43 0.00	21.83 1.02 0.00	20.28 0.98 0.00	19.10 1.00 0.00	19.21 1.02 0.00	19.62 1.04 0.00	22.61 1.38 0.00	24.46 1.54 -1.61	27.85 1.63 -4.73	28.50 1.58 -5.62	29.43 1.63 -6.03	29.71 1.51 -6.99	28.50 1.52 -5.83	28.60 1.37 -7.90	28.22 1.39 -7.31	28.08 1.36 -8.54	29.47 1.29 -9.54	31.76 1.33 -11.42	35.26 1.51 -12.50	34.92 1.58 -11.95	29.29 1.51 -6.48	25.61 1.56 -3.04	23.15 1.48 -1.61	20.45 1.37 -0.08
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	23.69 1.32 0.00	21.77 0.96 0.00	20.20 0.91 0.00	18.98 0.87 0.00	19.06 0.87 0.00	19.51 0.93 0.00	22.49 1.25 0.00	24.26 1.34 -1.60	27.63 1.44 -4.70	28.33 1.41 -5.62	29.25 1.44 -6.05	29.58 1.34 -7.03	28.35 1.33 -5.87	28.50 1.22 -7.95	28.18 1.23 -7.43	28.04 1.18 -8.68	29.50 1.17 -9.68	31.75 1.20 -11.54	35.33 1.40 -12.67	35.01 1.48 -12.15	29.19 1.41 -6.49	25.50 1.39 -3.10	22.99 1.30 -1.63	20.31 1.23 -0.08
EAST_HAMPTON___DIESEL 23722	25.71 3.33 -0.01	23.48 2.66 0.00	21.63 2.33 0.00	20.37 2.26 0.00	20.57 2.38 0.00	21.00 2.41 0.00	24.08 2.85 0.00	26.02 3.09 -1.61	29.40 3.18 -4.74	30.33 3.39 -5.64	31.11 3.31 -6.03	31.51 3.29 -7.01	30.13 3.15 -5.83	30.12 2.90 -7.89	29.77 2.95 -7.30	29.48 2.76 -8.53	31.10 2.91 -9.55	33.74 2.97 -11.76	48.96 3.34 -24.37	36.90 3.51 -12.01	33.40 3.39 -8.72	28.51 3.34 -4.15	24.90 3.13 -1.72	21.95 2.87 -0.08
EAST_PULASKI___ESR 323781	22.93 0.56 0.00	21.29 0.48 0.00	19.70 0.41 0.00	18.49 0.38 0.00	18.59 0.40 0.00	18.95 0.37 0.00	21.57 0.34 0.00	21.72 0.30 -0.11	22.28 0.47 -0.31	21.97 0.40 -0.27	22.46 0.46 -0.23	21.82 0.38 -0.22	21.61 0.30 -0.17	19.81 0.25 -0.23	19.80 0.25 -0.03	18.38 0.20 0.00	18.90 0.19 -0.07	19.45 0.23 -0.21	21.77 0.40 -0.11	21.83 0.45 0.00	22.00 0.43 -0.28	21.35 0.34 0.00	20.34 0.26 -0.02	19.19 0.19 -0.01
EAST_RIVER___1 323558	23.82 1.45 0.00	21.87 1.06 0.00	20.30 1.00 0.00	19.08 0.98 0.00	19.19 1.00 0.00	19.60 1.02 0.00	22.61 1.38 0.00	24.46 1.54 -1.61	27.83 1.61 -4.73	28.48 1.55 -5.62	29.41 1.61 -6.03	29.69 1.48 -6.99	28.48 1.50 -5.83	28.58 1.35 -7.90	28.20 1.37 -7.31	28.06 1.35 -8.54	29.47 1.29 -9.54	31.74 1.31 -11.42	35.24 1.49 -12.50	34.92 1.58 -11.95	29.29 1.51 -6.48	25.61 1.56 -3.04	23.13 1.46 -1.61	20.45 1.37 -0.08
EAST_RIVER___2 323559	23.80 1.43 0.00	21.83 1.02 0.00	20.28 0.98 0.00	19.10 1.00 0.00	19.21 1.02 0.00	19.62 1.04 0.00	22.61 1.38 0.00	24.46 1.54 -1.61	27.85 1.63 -4.73	28.50 1.58 -5.62	29.43 1.63 -6.03	29.71 1.51 -6.99	28.50 1.52 -5.83	28.60 1.37 -7.90	28.22 1.39 -7.31	28.08 1.36 -8.54	29.47 1.29 -9.54	31.76 1.33 -11.42	35.26 1.51 -12.50	34.92 1.58 -11.95	29.29 1.51 -6.48	25.61 1.56 -3.04	23.15 1.48 -1.61	20.45 1.37 -0.08
EAST___DELAWARE_HYD 23607	23.80 1.43 0.00	21.92 1.10 0.00	20.31 1.02 0.00	19.07 0.96 0.00	19.08 0.89 0.00	19.46 0.87 0.00	22.44 1.21 0.00	23.98 1.30 -1.36	26.77 1.29 -3.99	26.22 1.23 -3.69	26.44 1.26 -3.41	25.92 1.19 -3.52	25.04 1.12 -2.77	24.09 1.02 -3.73	22.22 1.03 -1.66	20.85 1.04 -1.63	22.17 1.08 -2.44	24.22 1.05 -4.16	26.04 1.32 -3.46	25.08 1.43 -2.27	26.59 1.32 -3.97	22.89 1.30 -0.57	21.75 1.22 -0.47	20.20 1.14 -0.07
EIGHT_POINT___WT_PWR 323820	23.22 0.85 0.00	21.67 0.85 0.00	20.01 0.71 0.00	18.72 0.62 0.00	18.84 0.65 0.00	19.27 0.69 0.00	21.76 0.53 0.00	21.70 0.11 -0.28	22.33 0.02 -0.82	22.01 0.02 -0.69	22.30 -0.07 -0.60	21.41 -0.38 -0.58	21.14 -0.45 -0.44	19.50 -0.43 -0.59	19.16 -0.43 -0.07	18.04 -0.15 0.00	18.36 -0.47 -0.17	19.11 -0.44 -0.53	21.13 -0.42 -0.30	21.46 0.06 -0.01	21.77 -0.25 -0.73	20.85 -0.17 0.00	19.80 -0.30 -0.04	18.78 -0.23 -0.01
ELBRIDGE_115KV_TB2 80188	22.48 0.11 0.00	20.90 0.08 0.00	19.35 0.06 0.00	18.16 0.05 0.00	18.25 0.05 0.00	18.64 0.06 0.00	21.23 0.00 0.00	21.40 -0.06 -0.15	21.99 0.06 -0.44	21.71 0.04 -0.37	22.13 0.04 -0.32	21.48 -0.04 -0.31	21.32 -0.06 -0.23	19.59 -0.06 -0.31	19.50 -0.06 -0.04	18.13 -0.05 0.00	18.67 -0.07 -0.09	19.24 -0.06 -0.28	21.43 0.02 -0.16	21.45 0.06 -0.01	21.71 0.02 -0.39	20.95 -0.06 0.00	20.02 -0.06 -0.02	18.93 -0.08 -0.01
ELEC_TRO_TEK 24086	24.14 1.77 0.00	22.10 1.29 0.00	20.43 1.14 0.00	19.21 1.10 0.00	19.35 1.16 0.00	19.73 1.15 0.00	22.76 1.53 0.00	24.59 1.66 -1.61	27.94 1.72 -4.74	28.75 1.81 -5.64	29.52 1.72 -6.03	29.88 1.68 -6.99	28.63 1.65 -5.83	28.73 1.51 -7.89	28.35 1.52 -7.30	28.14 1.44 -8.52	29.67 1.49 -9.53	32.20 1.48 -11.70	35.50 1.72 -12.53	35.13 1.80 -11.95	31.68 1.73 -8.66	26.88 1.72 -4.14	23.46 1.68 -1.72	20.69 1.61 -0.08
ELLENBURG_WT_PWR 323604	22.12 -0.25 0.00	20.75 -0.06 0.00	19.20 -0.10 0.00	18.05 -0.05 0.00	18.10 -0.09 0.00	18.43 -0.15 0.00	21.00 -0.23 0.00	20.94 -0.38 0.00	21.12 -0.37 0.00	21.02 -0.28 0.00	21.44 -0.33 0.00	20.81 -0.40 0.00	20.96 -0.19 0.00	19.20 -0.13 0.00	19.29 -0.23 0.00	17.96 -0.22 0.00	18.43 -0.22 0.00	18.73 -0.28 0.00	20.96 -0.30 0.00	20.95 -0.43 0.00	20.89 -0.41 0.00	20.64 -0.38 0.00	19.54 -0.52 0.00	18.59 -0.40 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	22.39 0.02 0.00	21.00 0.19 0.00	19.41 0.12 0.00	18.12 0.02 0.00	18.26 0.07 0.00	18.66 0.07 0.00	20.96 -0.28 0.00	20.05 -1.49 -0.22	21.09 -1.05 -0.65	20.92 -0.94 -0.55	21.25 -1.00 -0.48	20.36 -1.32 -0.46	20.25 -1.25 -0.35	18.64 -1.16 -0.47	18.41 -1.17 -0.06	17.34 -0.84 0.00	17.61 -1.17 -0.14	18.28 -1.16 -0.43	20.32 -1.17 -0.24	20.45 -0.94 -0.01	20.75 -1.13 -0.58	19.96 -1.05 0.00	18.97 -1.12 -0.04	18.13 -0.87 -0.01
EMPIRE_CC_1 323656	22.71 0.34 0.00	21.02 0.21 0.00	19.58 0.29 0.00	18.38 0.27 0.00	18.43 0.24 0.00	18.90 0.32 0.00	21.62 0.38 0.00	23.86 0.47 -2.08	28.07 0.47 -6.11	27.83 0.47 -6.06	28.09 0.46 -5.86	27.98 0.45 -6.32	26.67 0.44 -5.08	26.59 0.41 -6.85	24.24 0.43 -4.29	23.22 0.38 -4.66	25.03 0.43 -5.95	27.99 0.46 -8.52	29.85 0.51 -8.09	28.44 0.51 -6.55	28.48 0.51 -6.67	23.16 0.48 -1.66	21.62 0.50 -1.06	19.58 0.48 -0.11

EMPIRE_CC_2 323658	22.71 0.34 0.00	21.02 0.21 0.00	19.58 0.29 0.00	18.38 0.27 0.00	18.43 0.24 0.00	18.90 0.32 0.00	21.62 0.38 0.00	23.86 0.47 -2.08	28.07 0.47 -6.11	27.83 0.47 -6.06	28.09 0.46 -5.86	27.98 0.45 -6.32	26.67 0.44 -5.08	26.59 0.41 -6.85	24.24 0.43 -4.29	23.22 0.38 -4.66	25.03 0.43 -5.95	27.99 0.46 -8.52	29.85 0.51 -8.09	28.44 0.51 -6.55	28.48 0.51 -6.67	23.16 0.48 -1.66	21.62 0.50 -1.06	19.58 0.48 -0.11
ENORWICH_115KV_TB1 80156	24.09 1.72 0.00	22.33 1.52 0.00	20.64 1.35 0.00	19.34 1.23 0.00	19.52 1.33 0.00	19.94 1.36 0.00	22.66 1.42 0.00	23.04 1.28 -0.44	24.33 1.55 -1.29	23.82 1.43 -1.10	24.17 1.46 -0.94	23.29 1.17 -0.91	22.96 1.12 -0.69	21.23 0.97 -0.93	20.61 0.98 -0.11	19.11 0.93 0.00	19.80 0.88 -0.28	20.83 0.97 -0.84	23.06 1.34 -0.47	22.98 1.58 -0.02	23.81 1.36 -1.15	22.25 1.24 0.00	21.17 1.04 -0.07	19.89 0.87 -0.02
ERIE_ST__34_KV_TB1-2 80199	22.93 0.56 0.00	21.50 0.69 0.00	19.85 0.56 0.00	18.52 0.42 0.00	18.68 0.49 0.00	19.08 0.50 0.00	21.45 0.21 0.00	19.95 -1.60 -0.23	20.98 -1.18 -0.67	20.82 -1.04 -0.57	21.15 -1.11 -0.49	20.24 -1.44 -0.47	20.13 -1.37 -0.36	18.54 -1.28 -0.48	18.27 -1.31 -0.06	17.71 -0.47 0.00	17.52 -1.27 -0.14	18.18 -1.27 -0.44	20.22 -1.28 -0.24	20.94 -0.45 -0.01	20.68 -1.21 -0.59	20.43 -0.59 0.00	19.31 -0.78 -0.04	18.53 -0.47 -0.01
ERIE_WT_PWR 323693	22.62 0.25 0.00	21.21 0.39 0.00	19.58 0.29 0.00	18.29 0.18 0.00	18.43 0.24 0.00	18.82 0.24 0.00	21.15 -0.08 0.00	20.71 -0.83 -0.23	21.16 -0.99 -0.66	20.99 -0.87 -0.56	21.32 -0.94 -0.48	20.41 -1.27 -0.47	20.26 -1.25 -0.36	18.69 -1.12 -0.48	18.43 -1.15 -0.06	17.49 -0.69 0.00	17.65 -1.14 -0.14	18.33 -1.12 -0.43	20.20 -1.30 -0.24	20.64 -0.75 -0.01	20.82 -1.06 -0.59	20.15 -0.86 0.00	19.15 -0.94 -0.04	18.30 -0.70 -0.01
ESPRGFLD_115KV_TB1 80157	23.42 1.05 0.00	21.65 0.83 0.00	20.06 0.77 0.00	18.79 0.69 0.00	18.92 0.73 0.00	19.34 0.76 0.00	22.12 0.89 0.00	22.86 0.87 -0.66	24.47 1.03 -1.95	23.78 1.02 -1.46	23.94 1.07 -1.10	23.05 0.91 -0.93	22.69 0.91 -0.64	20.99 0.81 -0.85	19.66 0.84 0.70	17.91 0.80 1.07	18.77 0.76 0.65	20.03 0.78 -0.23	21.60 0.98 0.64	21.01 1.09 1.46	23.73 0.98 -1.45	21.56 0.92 0.38	20.84 0.84 0.06	19.79 0.76 -0.03
ETNA_115_KV_TB1_REV_LBMP_C 345029	23.04 0.67 0.00	21.40 0.58 0.00	19.79 0.50 0.00	18.58 0.47 0.00	18.68 0.49 0.00	19.08 0.50 0.00	21.76 0.53 0.00	22.03 0.41 -0.30	22.94 0.56 -0.89	22.57 0.51 -0.76	22.92 0.50 -0.65	22.20 0.36 -0.63	21.94 0.32 -0.48	20.25 0.27 -0.64	19.89 0.29 -0.08	18.51 0.33 0.00	19.14 0.30 -0.19	19.94 0.34 -0.58	22.09 0.51 -0.32	22.01 0.62 -0.01	22.60 0.51 -0.79	21.46 0.44 0.00	20.47 0.36 -0.05	19.33 0.32 -0.02
ETNA_____115KV_TB2 80207	23.04 0.67 0.00	21.40 0.58 0.00	19.79 0.50 0.00	18.58 0.47 0.00	18.68 0.49 0.00	19.08 0.50 0.00	21.76 0.53 0.00	22.03 0.41 -0.30	22.94 0.56 -0.89	22.57 0.51 -0.76	22.92 0.50 -0.65	22.20 0.36 -0.63	21.94 0.32 -0.48	20.25 0.27 -0.64	19.89 0.29 -0.08	18.51 0.33 0.00	19.14 0.30 -0.19	19.94 0.34 -0.58	22.09 0.51 -0.32	22.01 0.62 -0.01	22.60 0.51 -0.79	21.46 0.44 0.00	20.47 0.36 -0.05	19.33 0.32 -0.02
EUCLID___115KV_TB2 356179	22.33 -0.04 0.00	20.75 -0.06 0.00	19.22 -0.08 0.00	18.03 -0.07 0.00	18.12 -0.07 0.00	18.51 -0.07 0.00	21.08 -0.15 0.00	21.24 -0.19 -0.12	21.75 -0.09 -0.35	21.49 -0.11 -0.29	21.94 -0.09 -0.25	21.29 -0.17 -0.25	21.14 -0.19 -0.19	19.41 -0.17 -0.25	19.40 -0.16 -0.03	18.02 -0.16 0.00	18.55 -0.17 -0.07	19.07 -0.17 -0.23	21.27 -0.11 -0.13	21.28 -0.11 0.00	21.50 -0.11 -0.31	20.83 -0.19 0.00	19.90 -0.18 -0.02	18.81 -0.19 -0.01
E_CANADA_CAP_HY 24051	24.47 2.10 0.00	22.69 1.87 0.00	20.99 1.70 0.00	19.72 1.61 0.00	19.83 1.64 0.00	20.33 1.75 0.00	23.51 2.27 0.00	25.89 2.35 -2.22	30.17 2.15 -6.53	29.78 2.19 -6.29	29.86 2.13 -5.96	29.52 1.99 -6.31	28.18 2.01 -5.03	27.99 1.87 -6.78	25.18 1.91 -3.75	24.03 1.91 -3.94	26.04 2.07 -5.32	29.22 2.11 -8.09	31.01 2.42 -7.33	29.41 2.48 -5.55	30.52 2.36 -6.85	24.66 2.25 -1.40	23.02 1.99 -0.97	20.95 1.84 -0.11
E_CANADA_MHWK_HY 24050	22.33 -0.04 0.00	20.75 -0.06 0.00	19.24 -0.06 0.00	18.05 -0.05 0.00	18.15 -0.04 0.00	18.56 -0.02 0.00	21.21 -0.02 0.00	21.30 -0.02 0.00	21.47 -0.02 0.00	21.19 -0.11 0.00	21.64 -0.13 0.00	21.02 -0.19 0.00	20.94 -0.21 0.00	19.12 -0.21 0.00	19.27 -0.25 0.00	17.96 -0.22 0.00	18.44 -0.20 0.00	18.81 -0.21 0.00	21.02 -0.23 0.00	21.17 -0.21 0.00	21.06 -0.23 0.00	20.76 -0.25 0.00	19.82 -0.24 0.00	18.73 -0.27 0.00
E_FISHKILL___LBMP 23776	23.49 1.12 0.00	21.62 0.81 0.00	20.08 0.79 0.00	18.85 0.74 0.00	18.94 0.75 0.00	19.38 0.80 0.00	22.32 1.08 0.00	24.19 1.15 -1.72	27.80 1.25 -5.07	28.17 1.21 -5.65	28.87 1.24 -5.86	29.03 1.17 -6.65	27.77 1.14 -5.49	27.80 1.04 -7.42	26.82 1.05 -6.24	26.37 1.02 -7.17	27.93 1.03 -8.26	30.37 1.05 -10.31	33.37 1.21 -10.91	32.73 1.28 -10.06	28.93 1.21 -6.41	24.77 1.20 -2.56	22.63 1.16 -1.41	20.19 1.10 -0.09
FALCON___SEABRD_CC1 323796	22.28 -0.09 0.00	20.90 0.08 0.00	19.31 0.02 0.00	18.18 0.07 0.00	18.21 0.02 0.00	18.55 -0.04 0.00	21.13 -0.11 0.00	21.04 -0.28 0.00	21.27 -0.21 0.00	21.17 -0.13 0.00	21.60 -0.17 0.00	20.96 -0.25 0.00	21.08 -0.06 0.00	19.33 0.00 0.00	19.44 -0.08 0.00	18.11 -0.07 0.00	18.56 -0.09 0.00	18.88 -0.13 0.00	21.15 -0.11 0.00	21.13 -0.26 0.00	21.06 -0.23 0.00	20.76 -0.25 0.00	19.66 -0.40 0.00	18.71 -0.28 0.00
FALCON___SEABRD_CC2 323797	22.28 -0.09 0.00	20.90 0.08 0.00	19.31 0.02 0.00	18.18 0.07 0.00	18.21 0.02 0.00	18.55 -0.04 0.00	21.13 -0.11 0.00	21.04 -0.28 0.00	21.27 -0.21 0.00	21.17 -0.13 0.00	21.60 -0.17 0.00	20.96 -0.25 0.00	21.08 -0.06 0.00	19.33 0.00 0.00	19.44 -0.08 0.00	18.11 -0.07 0.00	18.56 -0.09 0.00	18.88 -0.13 0.00	21.15 -0.11 0.00	21.13 -0.26 0.00	21.06 -0.23 0.00	20.76 -0.25 0.00	19.66 -0.40 0.00	18.71 -0.28 0.00
FAR ROCKAWAY___4 23548	24.50 2.13 0.00	22.42 1.60 0.00	20.70 1.41 0.00	19.46 1.36 0.00	19.61 1.42 0.00	20.00 1.41 0.00	23.06 1.83 0.00	24.87 1.94 -1.61	28.24 2.02 -4.74	29.07 2.13 -5.64	29.78 1.98 -6.03	30.16 1.95 -6.99	28.86 1.88 -5.83	28.94 1.72 -7.89	28.56 1.74 -7.30	28.32 1.62 -8.52	29.86 1.68 -9.53	32.39 1.67 -11.70	35.71 1.93 -12.53	35.38 2.05 -11.95	31.92 1.96 -8.66	27.22 2.06 -4.14	23.76 1.99 -1.72	20.96 1.88 -0.08
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	23.82 1.45 0.00	21.87 1.06 0.00	20.32 1.02 0.00	19.08 0.98 0.00	19.17 0.98 0.00	19.64 1.06 0.00	22.61 1.38 0.00	24.42 1.49 -1.61	27.83 1.61 -4.73	28.50 1.58 -5.62	29.41 1.61 -6.03	29.69 1.48 -6.99	28.48 1.50 -5.83	28.60 1.37 -7.90	28.20 1.37 -7.31	28.06 1.35 -8.53	29.49 1.31 -9.54	31.74 1.31 -11.42	35.26 1.51 -12.50	34.92 1.58 -11.95	29.29 1.51 -6.48	25.61 1.56 -3.04	23.13 1.46 -1.61	20.45 1.37 -0.08

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	23.82 1.45 0.00	21.87 1.06 0.00	20.32 1.02 0.00	19.08 0.98 0.00	19.17 0.98 0.00	19.64 1.06 0.00	22.61 1.38 0.00	24.42 1.49 -1.61	27.83 1.61 -4.73	28.50 1.58 -5.62	29.41 1.61 -6.03	29.69 1.48 -6.99	28.48 1.50 -5.83	28.60 1.37 -7.90	28.20 1.37 -7.31	28.06 1.35 -8.53	29.49 1.31 -9.54	31.74 1.31 -11.42	35.29 1.53 -12.50	34.92 1.58 -11.95	29.31 1.53 -6.48	25.61 1.56 -3.04	23.13 1.46 -1.61	20.45 1.37 -0.08
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	23.82 1.45 0.00	21.87 1.06 0.00	20.30 1.00 0.00	19.08 0.98 0.00	19.15 0.96 0.00	19.62 1.04 0.00	22.61 1.38 0.00	24.40 1.47 -1.61	27.83 1.61 -4.73	28.48 1.55 -5.62	29.39 1.59 -6.03	29.69 1.48 -6.99	28.46 1.48 -5.83	28.58 1.35 -7.90	28.20 1.37 -7.31	28.04 1.33 -8.53	29.48 1.29 -9.54	31.74 1.31 -11.42	35.26 1.51 -12.50	34.89 1.56 -11.95	29.29 1.51 -6.48	25.59 1.53 -3.04	23.13 1.46 -1.61	20.43 1.35 -0.08
FARRAGUT___LBMP 323566	23.80 1.43 0.00	21.85 1.04 0.00	20.30 1.00 0.00	19.07 0.96 0.00	19.15 0.96 0.00	19.62 1.04 0.00	22.59 1.36 0.00	24.38 1.45 -1.61	27.81 1.59 -4.73	28.46 1.53 -5.62	29.39 1.59 -6.03	29.67 1.46 -6.99	28.46 1.48 -5.83	28.56 1.33 -7.90	28.18 1.35 -7.31	28.04 1.33 -8.53	29.46 1.27 -9.54	31.73 1.29 -11.42	35.24 1.49 -12.50	34.89 1.56 -11.95	29.27 1.49 -6.48	25.59 1.53 -3.04	23.11 1.44 -1.61	20.43 1.35 -0.08
FENNER___WINDPWR 24204	22.93 0.56 0.00	21.29 0.48 0.00	19.72 0.42 0.00	18.49 0.38 0.00	18.59 0.40 0.00	18.99 0.41 0.00	21.66 0.42 0.00	21.93 0.45 -0.17	22.45 0.47 -0.49	22.14 0.43 -0.41	22.56 0.44 -0.36	21.88 0.32 -0.35	21.70 0.30 -0.26	19.95 0.27 -0.35	19.84 0.27 -0.04	18.44 0.25 0.00	18.99 0.24 -0.10	19.60 0.27 -0.32	21.79 0.36 -0.18	21.84 0.45 -0.01	22.11 0.38 -0.43	21.33 0.32 0.00	20.37 0.28 -0.03	19.23 0.23 -0.01
FIBERTEK___ENERGY 23856	22.68 0.31 0.00	21.06 0.25 0.00	19.51 0.21 0.00	18.31 0.20 0.00	18.39 0.20 0.00	18.79 0.20 0.00	21.40 0.17 0.00	21.59 0.13 -0.14	22.15 0.26 -0.41	21.88 0.23 -0.35	22.33 0.26 -0.30	21.69 0.19 -0.29	21.51 0.15 -0.22	19.74 0.12 -0.29	19.69 0.14 -0.03	18.29 0.11 0.00	18.83 0.09 -0.09	19.39 0.11 -0.27	21.61 0.21 -0.15	21.64 0.26 -0.01	21.87 0.21 -0.36	21.14 0.13 0.00	20.20 0.12 -0.02	19.08 0.08 -0.01
FITZPATRICK____ 23598	21.99 -0.38 0.00	20.44 -0.37 0.00	18.95 -0.35 0.00	17.76 -0.34 0.00	17.86 -0.33 0.00	18.23 -0.35 0.00	20.79 -0.45 0.00	20.98 -0.43 -0.08	21.30 -0.43 -0.24	21.08 -0.43 -0.21	21.51 -0.44 -0.18	20.90 -0.49 -0.17	20.77 -0.51 -0.13	19.04 -0.46 -0.17	19.07 -0.47 -0.02	17.74 -0.44 0.00	18.25 -0.45 -0.05	18.72 -0.46 -0.16	20.85 -0.49 -0.09	20.93 -0.45 0.00	21.06 -0.45 -0.21	20.51 -0.50 0.00	19.61 -0.46 -0.01	18.56 -0.44 0.00
FLOWRFLD_69_KV_BK1 356044	24.76 2.39 0.00	22.62 1.81 0.00	20.88 1.58 0.00	19.65 1.54 0.00	19.81 1.62 0.00	20.16 1.58 0.00	23.27 2.04 0.00	25.10 2.17 -1.61	28.46 2.23 -4.74	29.35 2.41 -5.64	30.02 2.22 -6.03	30.45 2.23 -7.01	29.13 2.16 -5.83	29.20 1.97 -7.89	28.84 2.01 -7.30	28.61 1.89 -8.54	30.19 2.00 -9.55	32.86 2.05 -11.79	52.83 2.34 -29.23	35.79 2.37 -12.03	32.39 2.34 -8.75	27.51 2.33 -4.16	24.04 2.27 -1.72	21.19 2.11 -0.08
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	23.73 1.36 0.00	21.83 1.02 0.00	20.26 0.96 0.00	19.01 0.91 0.00	19.05 0.85 0.00	19.46 0.87 0.00	22.46 1.23 0.00	24.22 1.28 -1.63	27.60 1.33 -4.78	28.24 1.34 -5.60	29.06 1.35 -5.94	29.36 1.29 -6.85	28.09 1.25 -5.70	28.17 1.12 -7.71	27.61 1.11 -6.98	27.39 1.09 -8.12	28.97 1.12 -9.20	31.22 1.10 -11.11	34.67 1.34 -12.07	34.28 1.43 -11.46	29.07 1.34 -6.43	25.24 1.30 -2.92	22.85 1.24 -1.55	20.24 1.16 -0.08
FORT ORANGE____ 23900	22.79 0.42 0.00	21.06 0.25 0.00	19.56 0.27 0.00	18.36 0.25 0.00	18.43 0.24 0.00	18.88 0.30 0.00	21.68 0.45 0.00	24.01 0.55 -2.14	28.28 0.49 -6.29	27.91 0.47 -6.14	28.12 0.48 -5.87	27.92 0.45 -6.27	26.62 0.46 -5.01	26.52 0.42 -6.76	23.91 0.43 -3.96	22.81 0.40 -4.23	24.64 0.45 -5.55	27.68 0.46 -8.21	29.39 0.53 -7.60	27.88 0.55 -5.94	28.55 0.53 -6.72	23.00 0.48 -1.50	21.52 0.46 -1.00	19.56 0.46 -0.11
FORT_DRUM_COGEN 23780	23.20 0.83 0.00	21.52 0.71 0.00	19.91 0.62 0.00	18.65 0.54 0.00	18.79 0.60 0.00	19.16 0.58 0.00	21.79 0.55 0.00	21.91 0.51 -0.07	22.35 0.64 -0.22	22.02 0.53 -0.19	22.48 0.54 -0.16	21.79 0.42 -0.16	21.62 0.36 -0.12	19.78 0.29 -0.16	19.78 0.23 -0.02	18.40 0.22 0.00	18.92 0.22 -0.05	19.46 0.30 -0.14	21.84 0.51 -0.08	21.98 0.60 0.00	22.03 0.53 -0.20	21.43 0.42 0.00	20.39 0.32 -0.01	19.21 0.21 0.00
FPL_FAR_ROCK_GT1 24212	24.50 2.13 -0.01	22.42 1.60 0.00	20.70 1.41 0.00	19.47 1.36 0.00	19.63 1.44 0.00	20.03 1.45 0.00	23.06 1.83 0.00	24.93 2.00 -1.61	28.29 2.06 -4.74	29.07 2.13 -5.64	29.78 1.98 -6.03	30.16 1.95 -7.00	28.86 1.88 -5.83	28.94 1.72 -7.89	28.56 1.74 -7.30	28.32 1.62 -8.52	29.86 1.68 -9.54	32.39 1.67 -11.70	35.69 1.91 -12.53	35.38 2.05 -11.95	31.92 1.96 -8.66	27.22 2.06 -4.14	23.76 1.99 -1.72	20.98 1.90 -0.08
FPL_FAR_ROCK_GT2 23815	24.50 2.13 -0.01	22.42 1.60 0.00	20.70 1.41 0.00	19.47 1.36 0.00	19.63 1.44 0.00	20.03 1.45 0.00	23.06 1.83 0.00	24.93 2.00 -1.61	28.29 2.06 -4.74	29.07 2.13 -5.64	29.78 1.98 -6.03	30.16 1.95 -7.00	28.86 1.88 -5.83	28.94 1.72 -7.89	28.56 1.74 -7.30	28.32 1.62 -8.52	29.86 1.68 -9.54	32.39 1.67 -11.70	35.69 1.91 -12.53	35.38 2.05 -11.95	31.92 1.96 -8.66	27.22 2.06 -4.14	23.76 1.99 -1.72	20.98 1.90 -0.08
FRANKLIN_FALL_HYD 24054	22.24 -0.13 0.00	20.85 0.04 0.00	19.27 -0.02 0.00	18.12 0.02 0.00	18.17 -0.02 0.00	18.53 -0.06 0.00	21.13 -0.11 0.00	21.19 -0.13 0.00	21.30 -0.19 0.00	21.21 -0.09 0.00	21.68 -0.09 0.00	21.08 -0.13 0.00	21.08 -0.06 0.00	19.33 0.00 0.00	19.48 -0.04 0.00	18.13 -0.05 0.00	18.57 -0.07 0.00	18.88 -0.13 0.00	21.11 -0.15 0.00	21.13 -0.26 0.00	21.04 -0.26 0.00	20.76 -0.25 0.00	19.68 -0.38 0.00	18.73 -0.27 0.00
FREEPORT_EQUS_GT1 23764	24.37 1.99 -0.01	22.29 1.48 0.00	20.61 1.31 0.00	19.37 1.27 0.00	19.52 1.33 0.00	19.94 1.36 0.00	22.95 1.72 0.00	24.83 1.90 -1.61	28.16 1.93 -4.74	28.94 2.00 -5.64	29.71 1.92 -6.03	30.10 1.89 -7.00	28.79 1.82 -5.83	28.89 1.66 -7.89	28.52 1.70 -7.30	28.31 1.60 -8.52	29.84 1.66 -9.54	32.39 1.67 -11.70	35.69 1.91 -12.53	35.36 2.03 -11.95	31.90 1.94 -8.66	27.09 1.93 -4.14	23.66 1.88 -1.72	20.88 1.81 -0.08
FREEPORT___CT2 23818	24.37 1.99 -0.01	22.29 1.48 0.00	20.61 1.31 0.00	19.37 1.27 0.00	19.52 1.33 0.00	19.94 1.36 0.00	22.95 1.72 0.00	24.83 1.90 -1.61	28.16 1.93 -4.74	28.94 2.00 -5.64	29.71 1.92 -6.03	30.10 1.89 -7.00	28.79 1.82 -5.83	28.89 1.66 -7.89	28.52 1.70 -7.30	28.31 1.60 -8.52	29.84 1.66 -9.54	32.39 1.67 -11.70	35.69 1.91 -12.53	35.36 2.03 -11.95	31.90 1.94 -8.66	27.09 1.93 -4.14	23.66 1.88 -1.72	20.88 1.81 -0.08

FRESHKLS_33_KV_LOAD 356253	23.91 1.54 0.00	22.04 1.23 0.00	20.45 1.16 0.00	19.23 1.12 0.00	19.30 1.11 0.00	19.72 1.13 0.00	22.57 1.34 0.00	24.36 1.43 -1.61	27.80 1.59 -4.72	28.42 1.51 -5.61	29.36 1.57 -6.02	29.63 1.44 -6.98	28.43 1.46 -5.82	28.55 1.33 -7.88	28.15 1.33 -7.30	28.03 1.33 -8.53	29.44 1.27 -9.52	31.80 1.39 -11.40	35.33 1.59 -12.48	35.00 1.67 -11.95	29.27 1.51 -6.46	25.59 1.53 -3.04	23.09 1.42 -1.61	20.62 1.54 -0.08
FULTON COGEN____ 23766	22.88 0.51 0.00	21.25 0.44 0.00	19.66 0.37 0.00	18.45 0.34 0.00	18.55 0.36 0.00	18.94 0.35 0.00	21.57 0.34 0.00	21.76 0.32 -0.12	22.33 0.49 -0.34	22.04 0.45 -0.29	22.50 0.48 -0.25	21.84 0.38 -0.24	21.65 0.32 -0.18	19.87 0.29 -0.25	19.86 0.31 -0.03	18.44 0.25 0.00	18.96 0.24 -0.07	19.51 0.27 -0.22	21.80 0.43 -0.13	21.86 0.47 0.00	22.03 0.43 -0.31	21.33 0.32 0.00	20.36 0.28 -0.02	19.23 0.23 -0.01
FULTON____LFGE 323630	24.94 2.57 0.00	23.08 2.27 0.00	21.34 2.04 0.00	20.06 1.96 0.00	20.16 1.97 0.00	20.68 2.10 0.00	23.99 2.76 0.00	26.38 2.84 -2.22	30.60 2.58 -6.53	30.25 2.66 -6.29	30.28 2.55 -5.96	29.92 2.40 -6.31	28.63 2.45 -5.03	28.49 2.38 -6.78	25.69 2.42 -3.75	24.52 2.40 -3.94	26.56 2.59 -5.32	29.67 2.57 -8.09	31.48 2.89 -7.33	29.90 2.97 -5.55	30.94 2.79 -6.85	25.08 2.67 -1.40	23.36 2.33 -0.97	21.27 2.16 -0.11
G.F.CEMENT____DRP 24184	23.89 1.52 0.00	22.06 1.25 0.00	20.43 1.14 0.00	19.19 1.09 0.00	19.28 1.09 0.00	19.75 1.17 0.00	22.78 1.55 0.00	24.97 1.45 -2.20	29.41 1.44 -6.48	29.22 1.66 -6.26	29.46 1.74 -5.95	29.22 1.70 -6.31	27.89 1.71 -5.03	27.67 1.55 -6.79	24.74 1.41 -3.82	23.52 1.31 -4.03	25.41 1.36 -5.40	28.45 1.29 -8.14	30.28 1.59 -7.43	28.68 1.63 -5.68	29.79 1.66 -6.83	24.02 1.58 -1.43	22.49 1.44 -0.98	20.48 1.37 -0.11
GARDENVILLE____LBMP 24039	22.50 0.13 0.00	21.10 0.29 0.00	19.51 0.21 0.00	18.22 0.11 0.00	18.35 0.16 0.00	18.75 0.17 0.00	21.04 -0.19 0.00	20.07 -1.47 -0.23	21.12 -1.03 -0.66	20.95 -0.92 -0.56	21.28 -0.98 -0.48	20.37 -1.32 -0.47	20.26 -1.25 -0.36	18.65 -1.16 -0.48	18.41 -1.17 -0.06	17.42 -0.76 0.00	17.61 -1.17 -0.14	18.29 -1.16 -0.43	20.35 -1.15 -0.24	20.56 -0.83 -0.01	20.78 -1.11 -0.59	20.07 -0.95 0.00	19.05 -1.04 -0.04	18.21 -0.80 -0.01
GARDNVLA_35_KV_LD 355827	22.66 0.29 0.00	21.23 0.42 0.00	19.60 0.31 0.00	18.31 0.20 0.00	18.45 0.25 0.00	18.84 0.26 0.00	21.17 -0.06 0.00	20.14 -1.41 -0.23	21.18 -0.97 -0.66	21.01 -0.85 -0.56	21.34 -0.91 -0.48	20.45 -1.23 -0.47	20.32 -1.18 -0.36	18.73 -1.08 -0.48	18.47 -1.11 -0.06	17.51 -0.67 0.00	17.69 -1.10 -0.14	18.34 -1.10 -0.43	20.41 -1.08 -0.24	20.66 -0.73 -0.01	20.84 -1.04 -0.59	20.17 -0.84 0.00	19.13 -0.96 -0.04	18.30 -0.70 -0.01
GELCKHM__115KV_LOAD 80723	22.46 0.09 0.00	20.85 0.04 0.00	19.31 0.02 0.00	18.12 0.02 0.00	18.21 0.02 0.00	18.60 0.02 0.00	21.21 -0.02 0.00	21.36 -0.09 -0.13	21.90 0.04 -0.37	21.63 0.02 -0.31	22.06 0.02 -0.27	21.43 -0.04 -0.26	21.28 -0.06 -0.20	19.54 -0.06 -0.27	19.50 -0.06 -0.03	18.11 -0.07 0.00	18.65 -0.07 -0.08	19.18 -0.08 -0.24	21.39 0.00 -0.13	21.41 0.02 0.00	21.63 0.00 -0.33	20.93 -0.08 0.00	20.00 -0.08 -0.02	18.91 -0.09 -0.01
GENERAL____MILLS 23808	22.62 0.25 0.00	21.19 0.37 0.00	19.58 0.29 0.00	18.29 0.18 0.00	18.43 0.24 0.00	18.82 0.24 0.00	21.13 -0.11 0.00	20.12 -1.43 -0.23	21.14 -1.01 -0.66	20.97 -0.89 -0.56	21.30 -0.96 -0.48	20.41 -1.27 -0.47	20.28 -1.23 -0.36	18.69 -1.12 -0.48	18.43 -1.15 -0.06	17.47 -0.71 0.00	17.65 -1.14 -0.14	18.31 -1.14 -0.43	20.37 -1.13 -0.24	20.62 -0.77 -0.01	20.82 -1.06 -0.59	20.13 -0.88 0.00	19.11 -0.98 -0.04	18.27 -0.74 -0.01
GE_PLASTICS____DRP 24183	22.82 0.45 0.00	21.10 0.29 0.00	19.58 0.29 0.00	18.40 0.29 0.00	18.48 0.29 0.00	18.90 0.32 0.00	21.70 0.47 0.00	24.00 0.53 -2.15	28.33 0.52 -6.33	27.96 0.51 -6.15	28.17 0.52 -5.87	27.96 0.49 -6.26	26.63 0.49 -5.00	26.52 0.44 -6.75	23.87 0.45 -3.90	22.77 0.44 -4.15	24.60 0.47 -5.49	27.65 0.48 -8.16	29.33 0.55 -7.53	27.78 0.56 -5.84	28.58 0.55 -6.73	23.02 0.53 -1.48	21.55 0.50 -0.99	19.58 0.47 -0.11
GILBOA____1 23756	23.02 0.65 0.00	21.29 0.48 0.00	19.76 0.46 0.00	18.54 0.43 0.00	18.63 0.44 0.00	19.05 0.46 0.00	21.85 0.62 0.00	23.30 0.68 -1.30	26.01 0.69 -3.83	25.53 0.68 -3.55	25.74 0.70 -3.27	25.21 0.62 -3.38	24.42 0.61 -2.66	23.48 0.56 -3.58	21.68 0.57 -1.59	20.31 0.56 -1.56	21.58 0.56 -2.37	23.60 0.57 -4.01	25.27 0.66 -3.36	24.34 0.75 -2.21	25.80 0.68 -3.82	22.24 0.67 -0.55	21.15 0.64 -0.45	19.67 0.61 -0.07
GILBOA____2 23757	23.02 0.65 0.00	21.29 0.48 0.00	19.76 0.46 0.00	18.54 0.43 0.00	18.63 0.44 0.00	19.05 0.46 0.00	21.85 0.62 0.00	23.30 0.68 -1.30	26.01 0.69 -3.83	25.53 0.68 -3.55	25.74 0.70 -3.27	25.21 0.62 -3.38	24.42 0.61 -2.66	23.48 0.56 -3.58	21.68 0.57 -1.59	20.31 0.56 -1.56	21.58 0.56 -2.37	23.60 0.57 -4.01	25.27 0.66 -3.36	24.34 0.75 -2.21	25.80 0.68 -3.82	22.24 0.67 -0.55	21.15 0.64 -0.45	19.67 0.61 -0.07
GILBOA____3 23758	23.02 0.65 0.00	21.29 0.48 0.00	19.76 0.46 0.00	18.54 0.43 0.00	18.63 0.44 0.00	19.05 0.46 0.00	21.85 0.62 0.00	23.30 0.68 -1.30	26.01 0.69 -3.83	25.53 0.68 -3.55	25.74 0.70 -3.27	25.21 0.62 -3.38	24.42 0.61 -2.66	23.48 0.56 -3.58	21.68 0.57 -1.59	20.31 0.56 -1.56	21.58 0.56 -2.37	23.60 0.57 -4.01	25.27 0.66 -3.36	24.34 0.75 -2.21	25.80 0.68 -3.82	22.24 0.67 -0.55	21.15 0.64 -0.45	19.67 0.61 -0.07
GILBOA____4 23759	23.02 0.65 0.00	21.29 0.48 0.00	19.76 0.46 0.00	18.54 0.43 0.00	18.63 0.44 0.00	19.05 0.46 0.00	21.85 0.62 0.00	23.30 0.68 -1.30	26.01 0.69 -3.83	25.53 0.68 -3.55	25.74 0.70 -3.27	25.21 0.62 -3.38	24.42 0.61 -2.66	23.48 0.56 -3.58	21.68 0.57 -1.59	20.31 0.56 -1.56	21.58 0.56 -2.37	23.60 0.57 -4.01	25.27 0.66 -3.36	24.34 0.75 -2.21	25.80 0.68 -3.82	22.24 0.67 -0.55	21.15 0.64 -0.45	19.67 0.61 -0.07
GILBOA____ 23599	23.02 0.65 0.00	21.29 0.48 0.00	19.74 0.44 0.00	18.54 0.43 0.00	18.63 0.44 0.00	19.05 0.46 0.00	21.85 0.62 0.00	23.24 0.62 -1.30	26.01 0.69 -3.83	25.53 0.68 -3.55	25.74 0.70 -3.27	25.21 0.62 -3.38	24.42 0.61 -2.66	23.48 0.56 -3.58	21.68 0.57 -1.59	20.31 0.56 -1.56	21.58 0.56 -2.37	23.60 0.57 -4.01	25.29 0.68 -3.36	24.34 0.75 -2.21	25.80 0.68 -3.82	22.24 0.67 -0.55	21.15 0.64 -0.45	19.67 0.61 -0.07
GINNA____ 23603	21.34 -1.03 0.00	19.81 -1.00 0.00	18.37 -0.93 0.00	17.18 -0.92 0.00	17.30 -0.89 0.00	17.65 -0.93 0.00	20.02 -1.21 0.00	20.39 -1.09 -0.16	20.92 -1.03 -0.46	20.66 -1.02 -0.39	21.04 -1.07 -0.33	20.33 -1.21 -0.32	20.10 -1.29 -0.25	18.52 -1.14 -0.33	18.41 -1.15 -0.04	16.98 -1.20 0.00	17.65 -1.10 -0.10	18.19 -1.12 -0.30	20.21 -1.21 -0.17	20.17 -1.22 -0.01	20.60 -1.11 -0.41	19.63 -1.39 0.00	18.68 -1.40 -0.02	17.69 -1.31 -0.01

GLEN PARK____ 23778	23.33 0.96 0.00	21.65 0.83 0.00	20.01 0.71 0.00	18.74 0.63 0.00	18.88 0.69 0.00	19.25 0.67 0.00	21.89 0.66 0.00	22.08 0.68 -0.08	22.47 0.75 -0.23	22.13 0.64 -0.19	22.59 0.65 -0.17	21.86 0.49 -0.16	21.71 0.44 -0.12	19.86 0.37 -0.16	19.85 0.31 -0.02	18.47 0.29 0.00	18.99 0.30 -0.05	19.56 0.40 -0.15	21.95 0.62 -0.08	22.13 0.75 0.00	22.16 0.66 -0.20	21.56 0.55 0.00	20.49 0.42 -0.01	19.30 0.30 0.00
GLENDALDE_27_KV_LOAD 356172	24.00 1.63 0.00	22.02 1.21 0.00	20.45 1.16 0.00	19.21 1.10 0.00	19.30 1.11 0.00	19.77 1.19 0.00	22.78 1.55 0.00	24.57 1.64 -1.61	29.71 1.78 -6.43	28.65 1.73 -5.62	30.03 1.79 -6.48	29.86 1.65 -6.99	29.55 1.67 -6.73	28.74 1.51 -7.90	28.36 1.52 -7.31	28.71 1.47 -9.06	29.62 1.44 -9.54	31.90 1.46 -11.42	35.43 1.68 -12.50	35.09 1.75 -11.95	29.46 1.68 -6.48	25.78 1.72 -3.04	23.27 1.60 -1.61	20.58 1.50 -0.08
GLENWOOD_IC_1_G5 23712	24.09 1.72 0.00	22.08 1.27 0.00	20.45 1.16 0.00	19.23 1.12 0.00	19.34 1.15 0.00	19.75 1.17 0.00	22.76 1.53 0.00	24.57 1.64 -1.61	27.97 1.74 -4.74	28.73 1.79 -5.64	29.58 1.79 -6.03	29.92 1.72 -6.99	28.67 1.69 -5.83	28.75 1.53 -7.89	28.37 1.54 -7.30	28.18 1.47 -8.52	29.67 1.49 -9.53	32.24 1.52 -11.70	35.52 1.74 -12.53	35.17 1.84 -11.95	31.71 1.75 -8.66	26.90 1.74 -4.14	23.42 1.64 -1.72	20.65 1.58 -0.08
GLENWOOD_IC_2_G1 23688	23.94 1.57 -0.01	21.96 1.14 0.00	20.35 1.06 0.00	19.12 1.01 0.00	19.25 1.05 0.00	19.66 1.08 0.00	22.66 1.42 0.00	24.51 1.58 -1.61	27.86 1.63 -4.74	28.58 1.64 -5.64	29.43 1.63 -6.03	29.78 1.57 -7.00	28.52 1.54 -5.83	28.63 1.41 -7.89	28.25 1.42 -7.30	28.07 1.36 -8.52	29.55 1.36 -9.54	32.10 1.39 -11.70	35.35 1.57 -12.53	35.02 1.69 -11.95	31.56 1.60 -8.66	26.78 1.62 -4.14	23.30 1.52 -1.72	20.52 1.44 -0.08
GLENWOOD_IC_3_G1 23689	23.94 1.57 -0.01	21.96 1.14 0.00	20.35 1.06 0.00	19.12 1.01 0.00	19.25 1.05 0.00	19.66 1.08 0.00	22.66 1.42 0.00	24.51 1.58 -1.61	27.86 1.63 -4.74	28.58 1.64 -5.64	29.43 1.63 -6.03	29.78 1.57 -7.00	28.52 1.54 -5.83	28.63 1.41 -7.89	28.25 1.42 -7.30	28.07 1.36 -8.52	29.55 1.36 -9.54	32.10 1.39 -11.70	35.35 1.57 -12.53	35.02 1.69 -11.95	31.56 1.60 -8.66	26.78 1.62 -4.14	23.30 1.52 -1.72	20.52 1.44 -0.08
GLENWOOD____4 23550	24.09 1.72 0.00	22.08 1.27 0.00	20.45 1.16 0.00	19.23 1.12 0.00	19.34 1.15 0.00	19.75 1.17 0.00	22.76 1.53 0.00	24.57 1.64 -1.61	27.97 1.74 -4.74	28.73 1.79 -5.64	29.58 1.79 -6.03	29.92 1.72 -6.99	28.67 1.69 -5.83	28.75 1.53 -7.89	28.37 1.54 -7.30	28.18 1.47 -8.52	29.67 1.49 -9.53	32.24 1.52 -11.70	35.52 1.74 -12.53	35.17 1.84 -11.95	31.71 1.75 -8.66	26.90 1.74 -4.14	23.42 1.64 -1.72	20.65 1.58 -0.08
GLENWOOD____5 23614	24.09 1.72 0.00	22.08 1.27 0.00	20.45 1.16 0.00	19.23 1.12 0.00	19.34 1.15 0.00	19.75 1.17 0.00	22.76 1.53 0.00	24.57 1.64 -1.61	27.97 1.74 -4.74	28.73 1.79 -5.64	29.58 1.79 -6.03	29.92 1.72 -6.99	28.67 1.69 -5.83	28.75 1.53 -7.89	28.37 1.54 -7.30	28.18 1.47 -8.52	29.67 1.49 -9.53	32.24 1.52 -11.70	35.52 1.74 -12.53	35.17 1.84 -11.95	31.71 1.75 -8.66	26.90 1.74 -4.14	23.42 1.64 -1.72	20.65 1.58 -0.08
GLOBAL GREEN_PORT_GT1 23814	25.64 3.27 -0.01	23.41 2.60 0.00	21.57 2.28 0.00	20.33 2.23 0.00	20.52 2.33 0.00	20.94 2.36 0.00	24.04 2.80 0.00	25.98 3.05 -1.61	29.36 3.14 -4.74	30.26 3.32 -5.64	31.04 3.24 -6.03	31.44 3.22 -7.01	30.06 3.09 -5.83	30.07 2.84 -7.89	29.71 2.89 -7.30	29.44 2.73 -8.53	31.05 2.85 -9.55	33.70 2.93 -11.76	48.92 3.29 -24.37	36.83 3.44 -12.01	33.36 3.34 -8.72	28.44 3.28 -4.15	24.86 3.09 -1.72	21.91 2.83 -0.08
GLOBE____DSASP 323697	21.56 -0.81 0.00	20.23 -0.58 0.00	18.69 -0.60 0.00	17.47 -0.63 0.00	17.61 -0.58 0.00	17.97 -0.61 0.00	20.19 -1.04 0.00	19.53 -2.00 -0.21	20.56 -1.55 -0.62	20.38 -1.45 -0.53	20.72 -1.50 -0.45	19.85 -1.80 -0.44	19.77 -1.71 -0.33	18.23 -1.55 -0.45	17.99 -1.58 -0.05	16.73 -1.45 0.00	17.23 -1.55 -0.13	17.84 -1.58 -0.40	19.86 -1.62 -0.23	19.66 -1.73 -0.01	20.25 -1.60 -0.55	19.23 -1.79 0.00	18.33 -1.77 -0.03	17.50 -1.50 -0.01
GOETHSLN____LBMP 323567	23.71 1.34 0.00	21.75 0.94 0.00	20.20 0.91 0.00	18.99 0.89 0.00	19.06 0.87 0.00	19.53 0.95 0.00	22.51 1.27 0.00	24.31 1.39 -1.61	27.73 1.50 -4.73	28.39 1.47 -5.62	29.30 1.50 -6.03	29.59 1.38 -6.99	28.37 1.40 -5.83	28.50 1.28 -7.90	28.12 1.29 -7.31	27.97 1.25 -8.53	29.40 1.21 -9.54	31.63 1.20 -11.42	35.14 1.38 -12.50	34.77 1.43 -11.95	29.18 1.41 -6.48	25.51 1.45 -3.04	23.03 1.36 -1.61	20.35 1.27 -0.08
GOLAH____69_KV_TB 1_2 80279	22.48 0.11 0.00	20.96 0.15 0.00	19.45 0.15 0.00	18.18 0.07 0.00	18.32 0.13 0.00	18.68 0.09 0.00	21.06 -0.17 0.00	20.93 -0.55 -0.16	21.80 -0.17 -0.48	21.54 -0.17 -0.41	21.88 -0.24 -0.35	21.07 -0.49 -0.34	20.92 -0.49 -0.26	19.27 -0.41 -0.35	19.15 -0.41 -0.04	17.71 -0.47 0.00	18.32 -0.43 -0.10	18.93 -0.40 -0.31	21.11 -0.32 -0.18	21.00 -0.38 -0.01	21.45 -0.28 -0.43	20.43 -0.59 0.00	19.48 -0.60 -0.03	18.47 -0.53 -0.01
GOODYEAR_LAKE_HYD 323669	23.33 0.96 0.00	21.58 0.77 0.00	20.01 0.71 0.00	18.76 0.65 0.00	18.86 0.67 0.00	19.29 0.71 0.00	22.06 0.83 0.00	22.77 0.79 -0.66	24.39 0.95 -1.95	23.67 0.92 -1.46	23.83 0.96 -1.10	22.97 0.83 -0.93	22.61 0.82 -0.64	20.92 0.73 -0.85	19.59 0.76 0.70	17.84 0.73 1.07	18.69 0.69 0.65	19.97 0.72 -0.23	21.51 0.89 0.64	20.91 0.98 1.46	23.64 0.89 -1.45	21.50 0.86 0.38	20.78 0.78 0.06	19.73 0.70 -0.03
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	22.86 0.49 0.00	21.25 0.44 0.00	19.66 0.37 0.00	18.43 0.33 0.00	18.54 0.35 0.00	18.94 0.35 0.00	21.57 0.34 0.00	21.77 0.02 -0.43	22.93 0.17 -1.27	22.55 0.17 -1.08	22.85 0.15 -0.93	22.13 0.02 -0.90	21.83 0.00 -0.68	20.25 0.00 -0.92	19.65 0.02 -0.11	18.34 0.16 0.00	18.94 0.02 -0.27	19.88 0.04 -0.83	21.84 0.13 -0.46	21.72 0.32 -0.02	22.58 0.15 -1.13	21.22 0.21 0.00	20.27 0.14 -0.07	19.17 0.15 -0.02
GOUDEY____7 23579	22.88 0.51 0.00	21.25 0.44 0.00	19.68 0.39 0.00	18.45 0.34 0.00	18.54 0.35 0.00	18.95 0.37 0.00	21.59 0.36 0.00	21.79 0.04 -0.43	22.95 0.19 -1.27	22.57 0.19 -1.08	22.87 0.17 -0.93	22.16 0.04 -0.90	21.85 0.02 -0.68	20.27 0.02 -0.92	19.67 0.04 -0.11	18.36 0.18 0.00	18.96 0.04 -0.27	19.88 0.04 -0.83	21.87 0.15 -0.46	21.74 0.34 -0.02	22.60 0.17 -1.13	21.25 0.23 0.00	20.29 0.16 -0.07	19.19 0.17 -0.02
GOUDEY____8 23580	22.86 0.49 0.00	21.25 0.44 0.00	19.66 0.37 0.00	18.43 0.33 0.00	18.54 0.35 0.00	18.94 0.35 0.00	21.57 0.34 0.00	21.77 0.02 -0.43	22.93 0.17 -1.27	22.55 0.17 -1.08	22.85 0.15 -0.93	22.13 0.02 -0.90	21.83 0.00 -0.68	20.25 0.00 -0.92	19.65 0.02 -0.11	18.34 0.16 0.00	18.94 0.02 -0.27	19.88 0.04 -0.83	21.84 0.13 -0.46	21.72 0.32 -0.02	22.58 0.15 -1.13	21.22 0.21 0.00	20.27 0.14 -0.07	19.17 0.15 -0.02

GOWANUS_GT1_1 24077	23.96 1.59 0.00	22.02 1.21 0.00	20.43 1.14 0.00	19.21 1.10 0.00	19.28 1.09 0.00	19.73 1.15 0.00	22.72 1.49 0.00	24.48 1.56 -1.61	29.64 1.72 -6.43	28.58 1.66 -5.62	29.99 1.74 -6.48	29.80 1.59 -6.99	29.48 1.61 -6.73	28.70 1.47 -7.90	28.30 1.46 -7.31	28.68 1.44 -9.06	29.57 1.38 -9.54	31.88 1.45 -11.42	35.43 1.68 -12.50	35.06 1.73 -11.95	29.42 1.64 -6.48	25.74 1.68 -3.04	23.21 1.54 -1.61	20.56 1.48 -0.08
GOWANUS_GT1_2 24078	23.96 1.59 0.00	22.02 1.21 0.00	20.43 1.14 0.00	19.21 1.10 0.00	19.28 1.09 0.00	19.73 1.15 0.00	22.72 1.49 0.00	24.48 1.56 -1.61	29.64 1.72 -6.43	28.58 1.66 -5.62	29.99 1.74 -6.48	29.80 1.59 -6.99	29.48 1.61 -6.73	28.70 1.47 -7.90	28.30 1.46 -7.31	28.68 1.44 -9.06	29.57 1.38 -9.54	31.88 1.45 -11.42	35.43 1.68 -12.50	35.06 1.73 -11.95	29.42 1.64 -6.48	25.74 1.68 -3.04	23.21 1.54 -1.61	20.56 1.48 -0.08
GOWANUS_GT1_3 24079	23.96 1.59 0.00	22.02 1.21 0.00	20.43 1.14 0.00	19.21 1.10 0.00	19.28 1.09 0.00	19.73 1.15 0.00	22.72 1.49 0.00	24.48 1.56 -1.61	29.64 1.72 -6.43	28.58 1.66 -5.62	29.99 1.74 -6.48	29.80 1.59 -6.99	29.48 1.61 -6.73	28.70 1.47 -7.90	28.30 1.46 -7.31	28.68 1.44 -9.06	29.57 1.38 -9.54	31.88 1.45 -11.42	35.43 1.68 -12.50	35.06 1.73 -11.95	29.42 1.64 -6.48	25.74 1.68 -3.04	23.21 1.54 -1.61	20.56 1.48 -0.08
GOWANUS_GT1_4 24080	23.96 1.59 0.00	22.02 1.21 0.00	20.43 1.14 0.00	19.21 1.10 0.00	19.28 1.09 0.00	19.73 1.15 0.00	22.72 1.49 0.00	24.48 1.56 -1.61	29.64 1.72 -6.43	28.58 1.66 -5.62	29.99 1.74 -6.48	29.80 1.59 -6.99	29.48 1.61 -6.73	28.70 1.47 -7.90	28.30 1.46 -7.31	28.68 1.44 -9.06	29.57 1.38 -9.54	31.88 1.45 -11.42	35.43 1.68 -12.50	35.06 1.73 -11.95	29.42 1.64 -6.48	25.74 1.68 -3.04	23.21 1.54 -1.61	20.56 1.48 -0.08
GOWANUS_GT1_5 24084	23.96 1.59 0.00	22.02 1.21 0.00	20.43 1.14 0.00	19.21 1.10 0.00	19.28 1.09 0.00	19.73 1.15 0.00	22.72 1.49 0.00	24.48 1.56 -1.61	29.64 1.72 -6.43	28.58 1.66 -5.62	29.99 1.74 -6.48	29.80 1.59 -6.99	29.48 1.61 -6.73	28.70 1.47 -7.90	28.30 1.46 -7.31	28.68 1.44 -9.06	29.57 1.38 -9.54	31.88 1.45 -11.42	35.43 1.68 -12.50	35.06 1.73 -11.95	29.42 1.64 -6.48	25.74 1.68 -3.04	23.21 1.54 -1.61	20.56 1.48 -0.08
GOWANUS_GT1_6 24111	23.96 1.59 0.00	22.02 1.21 0.00	20.43 1.14 0.00	19.21 1.10 0.00	19.28 1.09 0.00	19.73 1.15 0.00	22.72 1.49 0.00	24.48 1.56 -1.61	29.64 1.72 -6.43	28.58 1.66 -5.62	29.99 1.74 -6.48	29.80 1.59 -6.99	29.48 1.61 -6.73	28.70 1.47 -7.90	28.30 1.46 -7.31	28.68 1.44 -9.06	29.57 1.38 -9.54	31.88 1.45 -11.42	35.43 1.68 -12.50	35.06 1.73 -11.95	29.42 1.64 -6.48	25.74 1.68 -3.04	23.21 1.54 -1.61	20.56 1.48 -0.08
GOWANUS_GT1_7 24112	23.96 1.59 0.00	22.02 1.21 0.00	20.43 1.14 0.00	19.21 1.10 0.00	19.28 1.09 0.00	19.73 1.15 0.00	22.72 1.49 0.00	24.48 1.56 -1.61	29.64 1.72 -6.43	28.58 1.66 -5.62	29.99 1.74 -6.48	29.80 1.59 -6.99	29.48 1.61 -6.73	28.70 1.47 -7.90	28.30 1.46 -7.31	28.68 1.44 -9.06	29.57 1.38 -9.54	31.88 1.45 -11.42	35.43 1.68 -12.50	35.06 1.73 -11.95	29.42 1.64 -6.48	25.74 1.68 -3.04	23.21 1.54 -1.61	20.56 1.48 -0.08
GOWANUS_GT1_8 24113	23.96 1.59 0.00	22.02 1.21 0.00	20.43 1.14 0.00	19.21 1																				

GOWANUS_GT2_8 24121	23.94 1.57 -0.01	22.01 1.19 -0.01	20.42 1.12 -0.01	19.20 1.09 -0.01	19.31 1.11 -0.01	19.71 1.11 -0.01	22.71 1.46 -0.01	24.54 1.60 -1.62	29.64 1.72 -6.43	28.59 1.66 -5.63	29.97 1.72 -6.48	29.78 1.57 -7.00	29.46 1.59 -6.73	28.69 1.45 -7.90	28.31 1.46 -7.32	28.68 1.44 -9.06	29.58 1.38 -9.55	31.88 1.44 -11.42	35.40 1.64 -12.51	35.06 1.73 -11.95	29.40 1.62 -6.49	25.73 1.66 -3.05	23.22 1.54 -1.61	20.55 1.46 -0.09
GOWANUS_GT3_1 24122	23.97 1.59 -0.01	22.03 1.21 -0.01	20.44 1.14 -0.01	19.22 1.10 -0.01	19.31 1.11 -0.01	19.72 1.13 -0.01	22.73 1.49 -0.01	24.56 1.62 -1.62	29.64 1.72 -6.43	28.59 1.66 -5.63	29.99 1.74 -6.48	29.81 1.59 -7.00	29.48 1.61 -6.73	28.71 1.47 -7.90	28.31 1.46 -7.32	28.68 1.44 -9.06	29.58 1.38 -9.55	31.88 1.44 -11.42	35.42 1.66 -12.51	35.06 1.73 -11.95	29.43 1.64 -6.49	25.75 1.68 -3.05	23.24 1.57 -1.61	20.57 1.48 -0.09
GOWANUS_GT3_2 24123	23.97 1.59 -0.01	22.03 1.21 -0.01	20.44 1.14 -0.01	19.22 1.10 -0.01	19.31 1.11 -0.01	19.72 1.13 -0.01	22.73 1.49 -0.01	24.56 1.62 -1.62	29.64 1.72 -6.43	28.59 1.66 -5.63	29.99 1.74 -6.48	29.81 1.59 -7.00	29.48 1.61 -6.73	28.71 1.47 -7.90	28.31 1.46 -7.32	28.68 1.44 -9.06	29.58 1.38 -9.55	31.88 1.44 -11.42	35.42 1.66 -12.51	35.06 1.73 -11.95	29.43 1.64 -6.49	25.75 1.68 -3.05	23.24 1.57 -1.61	20.57 1.48 -0.09
GOWANUS_GT3_3 24124	23.97 1.59 -0.01	22.03 1.21 -0.01	20.44 1.14 -0.01	19.22 1.10 -0.01	19.31 1.11 -0.01	19.72 1.13 -0.01	22.73 1.49 -0.01	24.56 1.62 -1.62	29.64 1.72 -6.43	28.59 1.66 -5.63	29.99 1.74 -6.48	29.81 1.59 -7.00	29.48 1.61 -6.73	28.71 1.47 -7.90	28.31 1.46 -7.32	28.68 1.44 -9.06	29.58 1.38 -9.55	31.88 1.44 -11.42	35.42 1.66 -12.51	35.06 1.73 -11.95	29.43 1.64 -6.49	25.75 1.68 -3.05	23.24 1.57 -1.61	20.57 1.48 -0.09
GOWANUS_GT3_4 24125	23.97 1.59 -0.01	22.03 1.21 -0.01	20.44 1.14 -0.01	19.22 1.10 -0.01	19.31 1.11 -0.01	19.72 1.13 -0.01	22.73 1.49 -0.01	24.56 1.62 -1.62	29.64 1.72 -6.43	28.59 1.66 -5.63	29.99 1.74 -6.48	29.81 1.59 -7.00	29.48 1.61 -6.73	28.71 1.47 -7.90	28.31 1.46 -7.32	28.68 1.44 -9.06	29.58 1.38 -9.55	31.88 1.44 -11.42	35.42 1.66 -12.51	35.06 1.73 -11.95	29.43 1.64 -6.49	25.75 1.68 -3.05	23.24 1.57 -1.61	20.57 1.48 -0.09
GOWANUS_GT3_5 24126	23.97 1.59 -0.01	22.03 1.21 -0.01	20.44 1.14 -0.01	19.22 1.10 -0.01	19.31 1.11 -0.01	19.72 1.13 -0.01	22.73 1.49 -0.01	24.56 1.62 -1.62	29.64 1.72 -6.43	28.59 1.66 -5.63	29.99 1.74 -6.48	29.81 1.59 -7.00	29.48 1.61 -6.73	28.71 1.47 -7.90	28.31 1.46 -7.32	28.68 1.44 -9.06	29.58 1.38 -9.55	31.88 1.44 -11.42	35.42 1.66 -12.51	35.06 1.73 -11.95	29.43 1.64 -6.49	25.75 1.68 -3.05	23.24 1.57 -1.61	20.57 1.48 -0.09
GOWANUS_GT3_6 24127	23.97 1.59 -0.01	22.03 1.21 -0.01	20.44 1.14 -0.01	19.22 1.10 -0.01	19.31 1.11 -0.01	19.72 1.13 -0.01	22.73 1.49 -0.01	24.56 1.62 -1.62	29.64 1.72 -6.43	28.59 1.66 -5.63	29.99 1.74 -6.48	29.81 1.59 -7.00	29.48 1.61 -6.73	28.71 1.47 -7.90	28.31 1.46 -7.32	28.68 1.44 -9.06	29.58 1.38 -9.55	31.88 1.44 -11.42	35.42 1.66 -12.51	35.06 1.73 -11.95	29.43 1.64 -6.49	25.75 1.68 -3.05	23.24 1.57 -1.61	20.57 1.48 -0.09
GOWANUS_GT3_7 24128	23.97 1.59 -0.01	22																						

GOWANUS_GT4_7 24136	23.96 1.59 0.00	22.00 1.19 0.00	20.41 1.12 0.00	19.19 1.09 0.00	19.26 1.07 0.00	19.72 1.13 0.00	22.70 1.47 0.00	24.48 1.56 -1.61	29.64 1.72 -6.43	28.58 1.66 -5.62	29.97 1.72 -6.48	29.78 1.57 -6.99	29.48 1.61 -6.73	28.68 1.45 -7.90	28.30 1.46 -7.31	28.68 1.44 -9.06	29.57 1.38 -9.54	31.88 1.45 -11.42	35.41 1.66 -12.50	35.06 1.73 -11.95	29.40 1.62 -6.48	25.72 1.66 -3.04	23.21 1.54 -1.61	20.54 1.46 -0.08
GOWANUS_GT4_8 24137	23.96 1.59 0.00	22.00 1.19 0.00	20.41 1.12 0.00	19.19 1.09 0.00	19.26 1.07 0.00	19.72 1.13 0.00	22.70 1.47 0.00	24.48 1.56 -1.61	29.64 1.72 -6.43	28.58 1.66 -5.62	29.97 1.72 -6.48	29.78 1.57 -6.99	29.48 1.61 -6.73	28.68 1.45 -7.90	28.30 1.46 -7.31	28.68 1.44 -9.06	29.57 1.38 -9.54	31.88 1.45 -11.42	35.41 1.66 -12.50	35.06 1.73 -11.95	29.40 1.62 -6.48	25.72 1.66 -3.04	23.21 1.54 -1.61	20.54 1.46 -0.08
GREENBSH_115KV_TB3 55895	22.68 0.31 0.00	20.96 0.15 0.00	19.47 0.17 0.00	18.29 0.18 0.00	18.37 0.18 0.00	18.79 0.20 0.00	21.57 0.34 0.00	23.90 0.43 -2.15	28.23 0.41 -6.33	27.87 0.40 -6.17	28.07 0.41 -5.89	27.87 0.38 -6.28	26.57 0.40 -5.02	26.47 0.37 -6.77	23.83 0.37 -3.94	22.72 0.35 -4.19	24.55 0.37 -5.53	27.60 0.38 -8.21	29.28 0.45 -7.58	27.73 0.45 -5.90	28.47 0.43 -6.74	22.90 0.40 -1.49	21.46 0.40 -1.00	19.49 0.38 -0.11
GREENDGE_115KV_TB5 80291	22.93 0.56 0.00	21.31 0.50 0.00	19.72 0.42 0.00	18.47 0.36 0.00	18.57 0.38 0.00	18.99 0.41 0.00	21.57 0.34 0.00	21.58 0.00 -0.27	22.51 0.24 -0.78	22.15 0.19 -0.66	22.49 0.15 -0.57	21.72 -0.04 -0.55	21.46 -0.11 -0.42	19.80 -0.10 -0.56	19.51 -0.08 -0.07	18.22 0.04 0.00	18.76 -0.06 -0.17	19.51 -0.02 -0.51	21.67 0.13 -0.28	21.69 0.30 -0.01	22.12 0.13 -0.69	21.08 0.06 0.00	20.06 -0.04 -0.04	18.97 -0.04 -0.01
GREENIDGE___3 23582	22.93 0.56 0.00	21.31 0.50 0.00	19.72 0.42 0.00	18.47 0.36 0.00	18.57 0.38 0.00	18.99 0.41 0.00	21.57 0.34 0.00	21.58 0.00 -0.27	22.51 0.24 -0.78	22.15 0.19 -0.66	22.49 0.15 -0.57	21.72 -0.04 -0.55	21.46 -0.11 -0.42	19.80 -0.10 -0.56	19.51 -0.08 -0.07	18.22 0.04 0.00	18.76 -0.06 -0.17	19.51 -0.02 -0.51	21.67 0.13 -0.28	21.69 0.30 -0.01	22.12 0.13 -0.69	21.08 0.06 0.00	20.06 -0.04 -0.04	18.97 -0.04 -0.01
GREENIDGE___4 23583	22.93 0.56 0.00	21.31 0.50 0.00	19.72 0.42 0.00	18.47 0.36 0.00	18.57 0.38 0.00	18.99 0.41 0.00	21.57 0.34 0.00	21.82 0.23 -0.27	22.51 0.24 -0.78	22.15 0.19 -0.66	22.49 0.15 -0.57	21.72 -0.04 -0.55	21.46 -0.11 -0.42	19.80 -0.10 -0.56	19.51 -0.08 -0.07	18.22 0.04 0.00	18.76 -0.06 -0.17	19.51 -0.02 -0.51	21.60 0.06 -0.28	21.69 0.30 -0.01	22.12 0.13 -0.69	21.08 0.06 0.00	20.06 -0.04 -0.04	18.97 -0.04 -0.01
GREENLWN_69_KV_BK 3 55738	24.36 1.99 0.00	22.29 1.48 0.00	20.59 1.29 0.00	19.36 1.25 0.00	19.50 1.31 0.00	19.88 1.30 0.00	22.95 1.72 0.00	24.76 1.83 -1.61	28.14 1.91 -4.74	28.98 2.04 -5.64	29.54 1.74 -6.03	29.92 1.72 -6.99	28.65 1.67 -5.83	28.75 1.53 -7.89	28.39 1.56 -7.30	28.15 1.45 -8.52	29.70 1.53 -9.52	32.36 1.65 -11.69	33.07 1.91 -9.90	35.24 1.92 -11.93	31.82 1.87 -8.65	26.94 1.79 -4.14	23.66 1.89 -1.72	20.88 1.80 -0.08
GREENWD_138_KV_38B11_REV_LBMP_J 345004	23.96 1.59 0.00	22.02 1.21 0.00	20.43 1.14 0.00	19.21 1.10 0.00	19.28 1.09 0.00	19.73 1.15 0.00	22.72 1.49 0.00	24.48 1.56 -1.61	29.64 1.72 -6.43	28.58 1.66 -5.62	29.99 1.74 -6.48	29.80 1.59 -6.99	29.48 1.61 -6.73	28.70 1.47 -7.90	28.30 1.46 -7.31	28.68 1.44 -9.06	29.57 1.38 -9.54	31.88 1.45 -11.42	35.43 1.68 -12.50	35.06 1.73 -11.95	29.42 1.64 -6.48	25.74 1.68 -3.04	23.21 1.54 -1.61	20.56 1.48 -0.08
GRISSOM___SOLAR 323813	24.94 2.57 0.00	23.08 2.27 0.00	21.34 2.04 0.00	20.06 1.96 0.00	20.16 1.97 0.00	20.68 2.10 0.00	23.99 2.76 0.00	26.38 2.84 -2.22	30.60 2.58 -6.53	30.25 2.66 -6.29	30.28 2.55 -5.96	29.92 2.40 -6.31	28.63 2.45 -5.03	28.49 2.38 -6.78	25.69 2.42 -3.75	24.52 2.40 -3.94	26.56 2.59 -5.32	29.67 2.57 -8.09	31.48 2.89 -7.33	29.90 2.97 -5.55	30.94 2.79 -6.85	25.08 2.67 -1.40	23.36 2.33 -0.97	21.27 2.16 -0.11
GROVEVILLE___HYD 323602	23.73 1.36 0.00	21.83 1.02 0.00	20.26 0.96 0.00	19.01 0.91 0.00	19.05 0.85 0.00	19.46 0.87 0.00	22.46 1.23 0.00	24.22 1.28 -1.63	27.60 1.33 -4.78	28.24 1.34 -5.60	29.06 1.35 -5.94	29.36 1.29 -6.85	28.09 1.25 -5.70	28.17 1.12 -7.71	27.61 1.11 -6.98	27.39 1.09 -8.12	28.97 1.12 -9.20	31.22 1.10 -11.11	34.67 1.34 -12.07	34.28 1.43 -11.46	29.07 1.34 -6.43	25.24 1.30 -2.92	22.85 1.24 -1.55	20.24 1.16 -0.08
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	22.68 0.31 0.00	21.06 0.25 0.00	19.51 0.21 0.00	18.31 0.20 0.00	18.39 0.20 0.00	18.79 0.20 0.00	21.40 0.17 0.00	21.59 0.13 -0.14	22.15 0.26 -0.41	21.88 0.23 -0.35	22.33 0.26 -0.30	21.69 0.19 -0.29	21.51 0.15 -0.22	19.74 0.12 -0.29	19.69 0.14 -0.03	18.29 0.11 0.00	18.83 0.09 -0.09	19.39 0.11 -0.27	21.61 0.21 -0.15	21.64 0.26 -0.01	21.87 0.21 -0.36	21.14 0.13 0.00	20.20 0.12 -0.02	19.08 0.08 -0.01
HAMLTNNY_34_KV_TB 80303	22.59 0.22 0.00	21.00 0.19 0.00	19.43 0.14 0.00	18.23 0.13 0.00	18.32 0.13 0.00	18.71 0.13 0.00	21.32 0.08 0.00	21.51 0.04 -0.15	22.10 0.17 -0.44	21.82 0.15 -0.37	22.26 0.17 -0.32	21.61 0.08 -0.31	21.42 0.04 -0.23	19.69 0.04 -0.32	19.60 0.04 -0.04	18.22 0.04 0.00	18.76 0.02 -0.09	19.34 0.04 -0.29	21.54 0.13 -0.16	21.56 0.17 -0.01	21.81 0.13 -0.39	21.06 0.04 0.00	20.10 0.02 -0.02	18.98 -0.02 -0.01
HAMPSHIRE___PAPER_HYD 323593	22.55 0.18 0.00	21.00 0.19 0.00	19.45 0.15 0.00	18.23 0.13 0.00	18.34 0.14 0.00	18.71 0.13 0.00	21.32 0.09 0.00	21.40 0.04 -0.04	21.71 0.11 -0.12	21.48 0.09 -0.10	21.94 0.09 -0.09	21.34 0.04 -0.08	21.25 0.04 -0.06	19.44 0.02 -0.08	19.47 -0.06 -0.01	18.11 -0.07 0.00	18.58 -0.09 -0.02	18.98 -0.11 -0.08	21.23 -0.06 -0.04	21.30 -0.09 0.00	21.30 -0.11 -0.10	20.91 -0.10 0.00	19.95 -0.12 -0.01	18.86 -0.13 0.00
HARDSCRABBLE_WT_PWR 323673	22.30 -0.07 0.00	20.73 -0.08 0.00	19.24 -0.06 0.00	18.05 -0.05 0.00	18.15 -0.04 0.00	18.56 -0.02 0.00	21.21 -0.02 0.00	21.30 -0.02 0.00	21.47 -0.02 0.00	21.19 -0.11 0.00	21.64 -0.13 0.00	21.02 -0.19 0.00	20.91 -0.23 0.00	19.10 -0.23 0.00	19.25 -0.27 0.00	17.94 -0.24 0.00	18.43 -0.22 0.00	18.77 -0.25 0.00	21.00 -0.25 0.00	21.13 -0.26 0.00	21.02 -0.28 0.00	20.72 -0.29 0.00	19.78 -0.28 0.00	18.69 -0.30 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	23.65 1.28 0.00	21.75 0.94 0.00	20.18 0.89 0.00	18.94 0.83 0.00	18.97 0.78 0.00	19.40 0.82 0.00	22.36 1.13 0.00	23.89 1.19 -1.38	26.78 1.25 -4.05	27.96 1.24 -5.43	29.18 1.26 -6.15	29.81 1.21 -7.39	28.57 1.16 -6.26	28.88 1.06 -8.48	29.50 1.05 -8.93	29.84 1.05 -10.60	31.16 1.06 -11.45	33.04 1.05 -12.98	37.38 1.28 -14.85	37.54 1.35 -14.81	28.99 1.28 -6.42	26.03 1.24 -3.78	23.14 1.18 -1.89	20.17 1.10 -0.07

HARSNRAD_115KV_TB1 81005	22.10 -0.27 0.00	20.75 -0.06 0.00	19.20 -0.10 0.00	17.93 -0.18 0.00	18.06 -0.13 0.00	18.43 -0.15 0.00	20.68 -0.55 0.00	19.93 -1.60 -0.20	20.97 -1.12 -0.60	20.79 -1.02 -0.51	21.12 -1.09 -0.44	20.24 -1.40 -0.43	20.14 -1.33 -0.32	18.55 -1.22 -0.43	18.32 -1.25 -0.05	17.13 -1.05 0.00	17.55 -1.23 -0.13	18.17 -1.24 -0.39	20.24 -1.23 -0.22	20.17 -1.22 -0.01	20.64 -1.19 -0.54	19.71 -1.30 0.00	18.75 -1.34 -0.03	17.90 -1.10 -0.01
HARZA MOOSE__RIVER 24016	22.95 0.58 0.00	21.31 0.50 0.00	19.74 0.44 0.00	18.49 0.38 0.00	18.61 0.42 0.00	19.01 0.43 0.00	21.66 0.42 0.00	21.78 0.41 -0.05	22.14 0.49 -0.15	21.85 0.43 -0.13	22.32 0.44 -0.11	21.64 0.32 -0.11	21.53 0.30 -0.08	19.69 0.25 -0.11	19.71 0.18 -0.01	18.33 0.15 0.00	18.83 0.15 -0.03	19.29 0.17 -0.10	21.61 0.30 -0.06	21.75 0.36 0.00	21.73 0.30 -0.14	21.25 0.23 0.00	20.23 0.16 -0.01	19.09 0.09 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	22.44 0.07 0.00	20.83 0.02 0.00	19.29 0.00 0.00	18.11 0.00 0.00	18.19 0.00 0.00	18.58 0.00 0.00	21.17 -0.06 0.00	21.32 -0.13 -0.13	21.86 0.00 -0.37	21.59 -0.02 -0.32	22.02 -0.02 -0.27	21.39 -0.08 -0.26	21.24 -0.11 -0.20	19.51 -0.10 -0.27	19.46 -0.10 -0.03	18.09 -0.09 0.00	18.62 -0.11 -0.08	19.16 -0.10 -0.24	21.37 -0.02 -0.14	21.39 0.00 0.00	21.59 -0.04 -0.33	20.91 -0.11 0.00	19.98 -0.10 -0.02	18.89 -0.11 -0.01
HELLGATE_13_KV_LD 55870	23.89 1.52 0.00	21.94 1.12 0.00	20.37 1.08 0.00	19.14 1.03 0.00	19.23 1.04 0.00	19.70 1.11 0.00	22.68 1.44 0.00	24.46 1.53 -1.61	29.60 1.68 -6.43	28.56 1.64 -5.62	29.92 1.68 -6.48	29.76 1.55 -6.99	29.44 1.56 -6.73	28.64 1.41 -7.90	28.26 1.43 -7.31	28.62 1.38 -9.06	29.53 1.34 -9.54	31.80 1.37 -11.42	35.33 1.57 -12.50	34.98 1.65 -11.95	29.35 1.58 -6.48	25.68 1.62 -3.04	23.19 1.52 -1.61	20.50 1.42 -0.08
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	23.89 1.52 0.00	21.94 1.12 0.00	20.37 1.08 0.00	19.14 1.03 0.00	19.23 1.04 0.00	19.70 1.11 0.00	22.68 1.44 0.00	24.46 1.53 -1.61	29.60 1.68 -6.43	28.56 1.64 -5.62	29.92 1.68 -6.48	29.76 1.55 -6.99	29.44 1.56 -6.73	28.64 1.41 -7.90	28.26 1.43 -7.31	28.62 1.38 -9.06	29.53 1.34 -9.54	31.80 1.37 -11.42	35.33 1.57 -12.50	34.98 1.65 -11.95	29.35 1.58 -6.48	25.68 1.62 -3.04	23.19 1.52 -1.61	20.50 1.42 -0.08
HEMPSTEAD____ 23647	24.14 1.77 -0.01	22.10 1.29 0.00	20.43 1.14 0.00	19.21 1.10 0.00	19.36 1.17 0.00	19.77 1.19 0.00	22.76 1.53 0.00	24.64 1.71 -1.61	27.99 1.76 -4.74	28.75 1.81 -5.64	29.54 1.74 -6.03	29.91 1.70 -7.00	28.63 1.65 -5.83	28.73 1.51 -7.89	28.35 1.52 -7.30	28.14 1.44 -8.52	29.68 1.49 -9.54	32.22 1.50 -11.70	35.50 1.72 -12.53	35.17 1.84 -11.95	31.71 1.75 -8.66	26.90 1.74 -4.14	23.46 1.69 -1.72	20.69 1.61 -0.08
HEWLETT__69_KV_BK3 55828	24.38 2.01 0.00	22.31 1.50 0.00	20.62 1.33 0.00	19.39 1.29 0.00	19.52 1.33 0.00	19.90 1.32 0.00	22.95 1.72 0.00	24.78 1.85 -1.61	28.14 1.91 -4.74	28.96 2.02 -5.64	29.69 1.89 -6.03	30.07 1.87 -6.99	28.77 1.80 -5.83	28.87 1.64 -7.89	28.48 1.66 -7.30	28.27 1.56 -8.52	29.78 1.60 -9.53	32.33 1.62 -11.70	35.65 1.87 -12.53	35.30 1.97 -11.95	31.83 1.87 -8.66	27.09 1.93 -4.14	23.66 1.89 -1.72	20.88 1.80 -0.08
HICKLING__1 23621	23.04 0.67 0.00	21.48 0.67 0.00	19.83 0.54 0.00	18.58 0.47 0.00	18.70 0.51 0.00	19.12 0.54 0.00	21.66 0.42 0.00	21.47 -0.19 -0.34	22.55 0.06 -1.00	22.19 0.04 -0.85	22.52 0.02 -0.73	21.71 -0.21 -0.71	21.45 -0.23 -0.54	19.84 -0.21 -0.72	19.41 -0.20 -0.09	18.24 0.05 0.00	18.66 -0.21 -0.21	19.48 -0.19 -0.65	21.55 -0.06 -0.36	21.65 0.26 -0.01	22.15 -0.04 -0.89	21.10 0.08 0.00	20.07 -0.04 -0.05	19.01 0.00 -0.02
HICKLING__2 23622	23.04 0.67 0.00	21.48 0.67 0.00	19.83 0.54 0.00	18.58 0.47 0.00	18.70 0.51 0.00	19.12 0.54 0.00	21.66 0.42 0.00	21.47 -0.19 -0.34	22.55 0.06 -1.00	22.19 0.04 -0.85	22.52 0.02 -0.73	21.71 -0.21 -0.71	21.45 -0.23 -0.54	19.84 -0.21 -0.72	19.41 -0.20 -0.09	18.24 0.05 0.00	18.66 -0.21 -0.21	19.48 -0.19 -0.65	21.55 -0.06 -0.36	21.65 0.26 -0.01	22.15 -0.04 -0.89	21.10 0.08 0.00	20.07 -0.04 -0.05	19.01 0.00 -0.02
HIGH FALLS__HY 23754	23.80 1.43 0.00	21.89 1.08 0.00	20.32 1.02 0.00	19.05 0.94 0.00	19.05 0.85 0.00	19.46 0.87 0.00	22.44 1.21 0.00	24.16 1.24 -1.61	27.51 1.29 -4.73	27.45 1.26 -4.89	27.92 1.26 -4.88	27.75 1.17 -5.37	26.61 1.10 -4.37	26.24 1.01 -5.90	24.78 1.02 -4.24	23.96 1.04 -4.74	25.37 1.06 -5.66	27.68 1.05 -7.62	30.18 1.34 -7.59	29.35 1.43 -6.54	28.06 1.32 -5.44	23.98 1.30 -1.66	22.27 1.22 -0.99	20.22 1.14 -0.08
HILLBURN__GT 23639	23.62 1.25 0.00	21.73 0.91 0.00	20.16 0.87 0.00	18.92 0.82 0.00	19.01 0.82 0.00	19.42 0.84 0.00	22.40 1.17 0.00	24.02 1.28 -1.42	26.97 1.31 -4.17	28.35 1.30 -5.75	29.69 1.33 -6.59	30.43 1.25 -7.97	29.15 1.23 -6.77	29.64 1.12 -9.18	30.53 1.13 -9.88	31.06 1.11 -11.77	32.38 1.10 -12.64	34.33 1.12 -14.19	38.91 1.30 -16.36	39.20 1.39 -16.43	29.45 1.32 -6.83	26.51 1.30 -4.19	23.37 1.22 -2.09	20.23 1.16 -0.07
HILLSIDE_115KV_TB1 80332	22.75 0.38 0.00	21.19 0.37 0.00	19.58 0.29 0.00	18.34 0.24 0.00	18.46 0.27 0.00	18.86 0.28 0.00	21.40 0.17 0.00	21.25 -0.43 -0.35	22.31 -0.21 -1.04	21.97 -0.21 -0.88	22.29 -0.24 -0.76	21.50 -0.45 -0.74	21.24 -0.47 -0.56	19.68 -0.41 -0.75	19.22 -0.39 -0.09	18.07 -0.11 0.00	18.48 -0.39 -0.22	19.31 -0.38 -0.68	21.33 -0.30 -0.38	21.42 0.02 -0.01	21.94 -0.28 -0.92	20.91 -0.11 0.00	19.91 -0.20 -0.06	18.86 -0.15 -0.02
HISHELDN_WT_PWR 323625	22.53 0.16 0.00	21.08 0.27 0.00	19.49 0.19 0.00	18.22 0.11 0.00	18.34 0.14 0.00	18.73 0.15 0.00	21.06 -0.17 0.00	20.84 -0.72 -0.24	21.32 -0.88 -0.71	21.10 -0.81 -0.61	21.42 -0.87 -0.52	20.51 -1.21 -0.51	20.33 -1.20 -0.38	18.75 -1.10 -0.52	18.47 -1.11 -0.06	17.40 -0.78 0.00	17.70 -1.10 -0.15	18.40 -1.08 -0.47	20.28 -1.23 -0.26	20.62 -0.77 -0.01	20.93 -1.00 -0.64	20.11 -0.90 0.00	19.11 -0.98 -0.04	18.23 -0.78 -0.01
HOLTSVILLE_IC_1 23690	24.64 2.26 -0.01	22.52 1.71 0.00	20.80 1.51 0.00	19.59 1.49 0.00	19.76 1.56 0.00	20.18 1.60 0.00	23.19 1.95 0.00	25.08 2.15 -1.61	28.42 2.19 -4.74	29.22 2.28 -5.64	29.93 2.13 -6.03	30.34 2.12 -7.01	29.01 2.03 -5.83	29.10 1.87 -7.89	28.74 1.91 -7.30	28.51 1.80 -8.53	30.10 1.90 -9.55	32.69 1.92 -11.76	47.53 2.15 -24.13	35.65 2.27 -12.01	32.21 2.19 -8.72	27.42 2.25 -4.15	23.94 2.17 -1.72	21.11 2.03 -0.08
HOLTSVILLE_IC_10 23699	24.79 2.42 -0.01	22.64 1.83 0.00	20.91 1.62 0.00	19.70 1.59 0.00	19.86 1.67 0.00	20.29 1.71 0.00	23.29 2.06 0.00	25.21 2.28 -1.61	28.55 2.32 -4.74	29.37 2.43 -5.64	30.08 2.29 -6.03	30.49 2.27 -7.01	29.15 2.18 -5.83	29.23 2.01 -7.89	28.87 2.05 -7.30	28.66 1.95 -8.54	30.23 2.03 -9.55	32.85 2.07 -11.76	48.59 2.32 -25.02	35.83 2.44 -12.01	32.39 2.36 -8.72	27.56 2.39 -4.16	24.08 2.31 -1.72	21.22 2.15 -0.08

HOLTSVILLE_IC_2 23691	24.64 2.26 -0.01	22.52 1.71 0.00	20.80 1.51 0.00	19.59 1.49 0.00	19.76 1.56 0.00	20.18 1.60 0.00	23.19 1.95 0.00	25.08 2.15 -1.61	28.42 2.19 -4.74	29.22 2.28 -5.64	29.93 2.13 -6.03	30.34 2.12 -7.01	29.01 2.03 -5.83	29.10 1.87 -7.89	28.74 1.91 -7.30	28.51 1.80 -8.53	30.10 1.90 -9.55	32.69 1.92 -11.76	47.53 2.15 -24.13	35.65 2.27 -12.01	32.21 2.19 -8.72	27.42 2.25 -4.15	23.94 2.17 -1.72	21.11 2.03 -0.08
HOLTSVILLE_IC_3 23692	24.64 2.26 -0.01	22.52 1.71 0.00	20.80 1.51 0.00	19.59 1.49 0.00	19.76 1.56 0.00	20.18 1.60 0.00	23.19 1.95 0.00	25.08 2.15 -1.61	28.42 2.19 -4.74	29.22 2.28 -5.64	29.93 2.13 -6.03	30.34 2.12 -7.01	29.01 2.03 -5.83	29.10 1.87 -7.89	28.74 1.91 -7.30	28.51 1.80 -8.53	30.10 1.90 -9.55	32.69 1.92 -11.76	47.53 2.15 -24.13	35.65 2.27 -12.01	32.21 2.19 -8.72	27.42 2.25 -4.15	23.94 2.17 -1.72	21.11 2.03 -0.08
HOLTSVILLE_IC_4 23693	24.64 2.26 -0.01	22.52 1.71 0.00	20.80 1.51 0.00	19.59 1.49 0.00	19.76 1.56 0.00	20.18 1.60 0.00	23.19 1.95 0.00	25.08 2.15 -1.61	28.42 2.19 -4.74	29.22 2.28 -5.64	29.93 2.13 -6.03	30.34 2.12 -7.01	29.01 2.03 -5.83	29.10 1.87 -7.89	28.74 1.91 -7.30	28.51 1.80 -8.53	30.10 1.90 -9.55	32.69 1.92 -11.76	47.53 2.15 -24.13	35.65 2.27 -12.01	32.21 2.19 -8.72	27.42 2.25 -4.15	23.94 2.17 -1.72	21.11 2.03 -0.08
HOLTSVILLE_IC_5 23694	24.64 2.26 -0.01	22.52 1.71 0.00	20.80 1.51 0.00	19.59 1.49 0.00	19.76 1.56 0.00	20.18 1.60 0.00	23.19 1.95 0.00	25.08 2.15 -1.61	28.42 2.19 -4.74	29.22 2.28 -5.64	29.93 2.13 -6.03	30.34 2.12 -7.01	29.01 2.03 -5.83	29.10 1.87 -7.89	28.74 1.91 -7.30	28.51 1.80 -8.53	30.10 1.90 -9.55	32.69 1.92 -11.76	47.53 2.15 -24.13	35.65 2.27 -12.01	32.21 2.19 -8.72	27.42 2.25 -4.15	23.94 2.17 -1.72	21.11 2.03 -0.08
HOLTSVILLE_IC_6 23695	24.79 2.42 -0.01	22.64 1.83 0.00	20.91 1.62 0.00	19.70 1.59 0.00	19.86 1.67 0.00	20.29 1.71 0.00	23.29 2.06 0.00	25.21 2.28 -1.61	28.55 2.32 -4.74	29.37 2.43 -5.64	30.08 2.29 -6.03	30.49 2.27 -7.01	29.15 2.18 -5.83	29.23 2.01 -7.89	28.87 2.05 -7.30	28.66 1.95 -8.54	30.23 2.03 -9.55	32.85 2.07 -11.76	48.59 2.32 -25.02	35.83 2.44 -12.01	32.39 2.36 -8.72	27.56 2.39 -4.16	24.08 2.31 -1.72	21.22 2.15 -0.08
HOLTSVILLE_IC_7 23696	24.79 2.42 -0.01	22.64 1.83 0.00	20.91 1.62 0.00	19.70 1.59 0.00	19.86 1.67 0.00	20.29 1.71 0.00	23.29 2.06 0.00	25.21 2.28 -1.61	28.55 2.32 -4.74	29.37 2.43 -5.64	30.08 2.29 -6.03	30.49 2.27 -7.01	29.15 2.18 -5.83	29.23 2.01 -7.89	28.87 2.05 -7.30	28.66 1.95 -8.54	30.23 2.03 -9.55	32.85 2.07 -11.76	48.59 2.32 -25.02	35.83 2.44 -12.01	32.39 2.36 -8.72	27.56 2.39 -4.16	24.08 2.31 -1.72	21.22 2.15 -0.08
HOLTSVILLE_IC_8 23697	24.79 2.42 -0.01	22.64 1.83 0.00	20.91 1.62 0.00	19.70 1.59 0.00	19.86 1.67 0.00	20.29 1.71 0.00	23.29 2.06 0.00	25.21 2.28 -1.61	28.55 2.32 -4.74	29.37 2.43 -5.64	30.08 2.29 -6.03	30.49 2.27 -7.01	29.15 2.18 -5.83	29.23 2.01 -7.89	28.87 2.05 -7.30	28.66 1.95 -8.54	30.23 2.03 -9.55	32.85 2.07 -11.76	48.59 2.32 -25.02	35.83 2.44 -12.01	32.39 2.36 -8.72	27.56 2.39 -4.16	24.08 2.31 -1.72	21.22 2.15 -0.08
HOLTSVILLE_IC_9 23698	24.79 2.42 -0.01	22.64 1.83 0.00	20.91 1.62 0.00	19.70 1.59 0.00	19.86 1.67 0.00	20.29 1.71 0.00	23.29 2.06 0.00	25.21 2.28 -1.61	28.55 2.32 -4.74	29.37 2.43 -5.64	30.08 2.29 -6.03	30.49 2.27 -7.01	29.15 2.18 -5.83	29.23 2.01 -7.89	28.87 2.05 -7.30	28.66 1.95 -8.54	30.23 2.03 -9.55	32.85 2.07 -11.76	48.59 2.32 -25.02	35.83 2.44 -12.01	32.39 2.36 -8.72	27.56 2.39 -4.16	24.08 2.31 -1.72	21.22 2.15 -0.08
HOMER_HL_115KV_TB2 355744	23.04 0.67 0.00	21.58 0.77 0.00	19.91 0.62 0.00	18.60 0.49 0.00	18.74 0.55 0.00	19.18 0.59 0.00	21.57 0.34 0.00	19.88 -1.68 -0.25	20.85 -1.38 -0.73	20.66 -1.26 -0.62	20.98 -1.33 -0.54	20.08 -1.65 -0.52	19.91 -1.63 -0.39	18.35 -1.51 -0.53	18.08 -1.50 -0.06	17.84 -0.35 0.00	17.35 -1.45 -0.16	18.03 -1.46 -0.48	20.01 -1.51 -0.27	21.11 -0.28 -0.01	20.54 -1.41 -0.65	20.59 -0.42 0.00	19.46 -0.64 -0.04	18.67 -0.34 -0.01
HOWARD_WT_PWR 323690	23.24 0.87 0.00	21.69 0.87 0.00	20.03 0.73 0.00	18.74 0.63 0.00	18.86 0.67 0.00	19.29 0.71 0.00	21.78 0.55 0.00	21.71 0.11 -0.28	22.36 0.04 -0.83	22.02 0.02 -0.70	22.33 -0.04 -0.61	21.44 -0.36 -0.59	21.15 -0.45 -0.45	19.51 -0.43 -0.60	19.16 -0.43 -0.07	18.04 -0.15 0.00	18.34 -0.48 -0.18	19.10 -0.46 -0.54	21.13 -0.42 -0.30	21.44 0.04 -0.01	21.76 -0.28 -0.74	20.82 -0.19 0.00	19.78 -0.32 -0.04	18.76 -0.25 -0.01
HQ_GEN_CEDARS 23644	21.99 -0.38 0.00	20.60 -0.21 0.00	19.06 -0.23 0.00	17.91 -0.20 0.00	17.99 -0.20 0.00	18.34 -0.24 0.00	20.94 -0.30 0.00	21.06 -0.26 0.00	21.10 -0.39 0.00	20.98 -0.32 0.00	21.47 -0.30 0.00	21.00 -0.21 0.00	20.94 -0.21 0.00	19.14 -0.19 0.00	19.35 -0.18 0.00	17.98 -0.20 0.00	18.42 -0.22 0.00	18.75 -0.27 0.00	20.91 -0.34 0.00	20.98 -0.41 0.00	20.91 -0.38 0.00	20.68 -0.34 0.00	19.72 -0.34 0.00	18.71 -0.28 0.00
HQ_GEN_CEDARS_PROXY 323590	21.99 -0.38 0.00	20.60 -0.21 0.00	19.06 -0.23 0.00	17.91 -0.20 0.00	17.99 -0.20 0.00	18.34 -0.24 0.00	20.94 -0.30 0.00	21.10 -0.41 0.00	20.98 -0.39 0.00	21.47 -0.32 0.00	21.00 -0.30 0.00	20.96 -0.21 0.00	20.96 -0.19 0.00	19.14 -0.19 0.00	19.35 -0.18 0.00	17.98 -0.20 0.00	18.43 -0.22 0.00	18.75 -0.27 0.00	20.96 -0.30 0.00	20.95 -0.43 0.00	20.92 -0.38 0.00	20.68 -0.34 0.00	19.72 -0.34 0.00	18.71 -0.28 0.00
HQ_GEN_IMPORT 323601	22.04 -0.33 0.00	20.63 -0.19 0.00	19.10 -0.19 0.00	17.94 -0.16 0.00	18.01 -0.18 0.00	18.40 -0.19 0.00	21.00 -0.23 0.00	21.00 -0.32 0.00	21.17 -0.32 0.00	21.00 -0.30 0.00	21.47 -0.30 0.00	21.00 -0.21 0.00	20.96 -0.19 0.00	19.16 -0.17 0.00	19.35 -0.18 0.00	18.00 -0.18 0.00	18.48 -0.17 0.00	18.83 -0.19 0.00	21.00 -0.25 0.00	21.06 -0.32 0.00	21.00 -0.30 0.00	20.78 -0.23 0.00	19.84 -0.22 0.00	18.79 -0.21 0.00
HQ_GEN_WHEEL 23651	22.04 -0.33 0.00	20.63 -0.19 0.00	19.10 -0.19 0.00	17.94 -0.16 0.00	18.01 -0.18 0.00	18.40 -0.19 0.00	21.00 -0.23 0.00	21.00 -0.32 0.00	21.17 -0.32 0.00	21.00 -0.30 0.00	21.47 -0.30 0.00	21.00 -0.21 0.00	20.96 -0.19 0.00	19.16 -0.17 0.00	19.35 -0.18 0.00	18.00 -0.18 0.00	18.48 -0.17 0.00	18.83 -0.19 0.00	21.00 -0.25 0.00	21.06 -0.32 0.00	21.00 -0.30 0.00	20.78 -0.23 0.00	19.84 -0.22 0.00	18.79 -0.21 0.00
HUDSON_AVE_GT_3 23810	23.85 1.48 0.00	21.87 1.06 0.00	20.32 1.02 0.00	19.10 1.00 0.00	19.17 0.98 0.00	19.64 1.06 0.00	22.63 1.40 0.00	24.42 1.49 -1.61	27.85 1.63 -4.73	28.50 1.58 -5.62	29.41 1.61 -6.03	29.69 1.48 -6.99	28.48 1.50 -5.83	28.60 1.37 -7.90	28.22 1.39 -7.31	28.06 1.35 -8.53	29.49 1.31 -9.54	31.76 1.33 -11.42	35.29 1.53 -12.50	34.92 1.58 -11.95	29.31 1.53 -6.48	25.61 1.56 -3.04	23.15 1.48 -1.61	20.45 1.37 -0.08

HUDSON AVE_GT_4 23540	23.85 1.48 0.00	21.87 1.06 0.00	20.32 1.02 0.00	19.10 1.00 0.00	19.17 0.98 0.00	19.64 1.06 0.00	22.63 1.40 0.00	24.42 1.49 -1.61	27.85 1.63 -4.73	28.50 1.58 -5.62	29.41 1.61 -6.03	29.69 1.48 -6.99	28.48 1.50 -5.83	28.60 1.37 -7.90	28.22 1.39 -7.31	28.06 1.35 -8.53	29.49 1.31 -9.54	31.76 1.33 -11.42	35.29 1.53 -12.50	34.92 1.58 -11.95	29.31 1.53 -6.48	25.61 1.56 -3.04	23.15 1.48 -1.61	20.45 1.37 -0.08
HUDSON AVE_GT_5 23657	23.85 1.48 0.00	21.87 1.06 0.00	20.32 1.02 0.00	19.10 1.00 0.00	19.17 0.98 0.00	19.64 1.06 0.00	22.63 1.40 0.00	24.42 1.49 -1.61	27.85 1.63 -4.73	28.50 1.58 -5.62	29.41 1.61 -6.03	29.69 1.48 -6.99	28.48 1.50 -5.83	28.60 1.37 -7.90	28.22 1.39 -7.31	28.06 1.35 -8.53	29.49 1.31 -9.54	31.76 1.33 -11.42	35.29 1.53 -12.50	34.92 1.58 -11.95	29.31 1.53 -6.48	25.61 1.56 -3.04	23.15 1.48 -1.61	20.45 1.37 -0.08
HUDSON_AVE_10 24168	23.78 1.41 0.00	21.83 1.02 0.00	20.26 0.96 0.00	19.05 0.94 0.00	19.12 0.93 0.00	19.60 1.02 0.00	22.59 1.36 0.00	24.40 1.47 -1.61	27.83 1.61 -4.73	28.48 1.55 -5.62	29.37 1.57 -6.03	29.65 1.44 -6.99	28.44 1.46 -5.83	28.54 1.31 -7.90	28.16 1.33 -7.31	28.02 1.31 -8.53	29.44 1.25 -9.54	31.71 1.27 -11.42	35.22 1.47 -12.50	34.85 1.52 -11.95	29.25 1.47 -6.48	25.57 1.51 -3.04	23.11 1.44 -1.61	20.41 1.33 -0.08
HUDSON___115KV_TB 4 355613	23.06 0.69 0.00	21.31 0.50 0.00	19.78 0.48 0.00	18.58 0.47 0.00	18.61 0.42 0.00	19.03 0.45 0.00	21.91 0.68 0.00	24.15 0.75 -2.09	28.30 0.67 -6.14	27.99 0.66 -6.03	28.25 0.67 -5.80	28.09 0.66 -6.22	26.78 0.66 -4.98	26.64 0.58 -6.72	24.16 0.59 -4.06	23.11 0.56 -4.36	24.94 0.65 -5.64	27.89 0.65 -8.23	29.75 0.79 -7.71	28.31 0.81 -6.11	28.66 0.75 -6.61	23.25 0.69 -1.55	21.72 0.64 -1.02	19.73 0.63 -0.11
HUNTER MOUNT___DRP 323613	23.13 0.76 0.00	21.35 0.54 0.00	19.81 0.52 0.00	18.61 0.51 0.00	18.61 0.42 0.00	18.99 0.41 0.00	21.93 0.70 0.00	24.10 0.77 -2.01	28.06 0.64 -5.92	27.82 0.64 -5.88	28.15 0.67 -5.71	28.04 0.68 -6.15	26.73 0.63 -4.95	26.57 0.56 -6.68	24.28 0.55 -4.21	23.30 0.55 -4.58	25.09 0.65 -5.79	27.91 0.61 -8.28	29.94 0.81 -7.88	28.58 0.81 -6.39	28.52 0.75 -6.47	23.32 0.69 -1.62	21.74 0.64 -1.04	19.71 0.61 -0.10
HUNTINGTON_RES_REC 323705	24.53 2.15 -0.01	22.44 1.62 0.00	20.70 1.41 0.00	19.48 1.38 0.00	19.65 1.46 0.00	20.07 1.49 0.00	23.08 1.85 0.00	24.98 2.05 -1.61	28.33 2.11 -4.74	29.15 2.21 -5.64	29.76 1.96 -6.03	30.15 1.95 -6.99	28.86 1.88 -5.83	28.96 1.74 -7.89	28.60 1.78 -7.30	28.35 1.65 -8.51	29.92 1.75 -9.52	32.51 1.84 -11.65	27.20 2.10 -3.84	35.51 2.22 -11.90	32.02 2.11 -8.61	27.18 2.04 -4.13	23.86 2.09 -1.72	21.02 1.94 -0.08
HUNTLEY___63 23557	22.28 -0.09 0.00	20.90 0.08 0.00	19.31 0.02 0.00	18.03 -0.07 0.00	18.17 -0.02 0.00	18.56 -0.02 0.00	20.83 -0.40 0.00	20.00 -1.53 -0.21	21.06 -1.05 -0.63	20.89 -0.94 -0.53	21.23 -1.00 -0.46	20.34 -1.32 -0.44	20.24 -1.25 -0.34	18.64 -1.14 -0.45	18.40 -1.17 -0.05	17.24 -0.95 0.00	17.61 -1.17 -0.13	18.24 -1.18 -0.41	20.33 -1.15 -0.23	20.32 -1.07 -0.01	20.73 -1.13 -0.56	19.84 -1.18 0.00	18.85 -1.24 -0.03	18.00 -1.01 -0.01
HUNTLEY___64 23558	22.28 -0.09 0.00	20.90 0.08 0.00	19.31 0.02 0.00	18.03 -0.07 0.00	18.17 -0.02 0.00	18.56 -0.02 0.00	20.83 -0.40 0.00	20.00 -1.53 -0.21	21.06 -1.05 -0.63	20.89 -0.94 -0.53	21.23 -1.00 -0.46	20.34 -1.32 -0.44	20.24 -1.25 -0.34	18.64 -1.14 -0.45	18.40 -1.17 -0.05	17.24 -0.95 0.00	17.61 -1.17 -0.13	18.24 -1.18 -0.41	20.33 -1.15 -0.23	20.32 -1.07 -0.01	20.73 -1.13 -0.56	19.84 -1.18 0.00	18.85 -1.24 -0.03	18.00 -1.01 -0.01
HUNTLEY___65 23559	22.28 -0.09 0.00	20.90 0.08 0.00	19.31 0.02 0.00	18.03 -0.07 0.00	18.17 -0.02 0.00	18.56 -0.02 0.00	20.83 -0.40 0.00	20.00 -1.53 -0.21	21.06 -1.05 -0.63	20.89 -0.94 -0.53	21.23 -1.00 -0.46	20.34 -1.32 -0.44	20.24 -1.25 -0.34	18.64 -1.14 -0.45	18.40 -1.17 -0.05	17.24 -0.95 0.00	17.61 -1.17 -0.13	18.24 -1.18 -0.41	20.33 -1.15 -0.23	20.32 -1.07 -0.01	20.73 -1.13 -0.56	19.84 -1.18 0.00	18.85 -1.24 -0.03	18.00 -1.01 -0.01
HUNTLEY___66 23560	22.28 -0.09 0.00	20.90 0.08 0.00	19.31 0.02 0.00	18.03 -0.07 0.00	18.17 -0.02 0.00	18.56 -0.02 0.00	20.83 -0.40 0.00	20.00 -1.53 -0.21	21.06 -1.05 -0.63	20.89 -0.94 -0.53	21.23 -1.00 -0.46	20.34 -1.32 -0.44	20.24 -1.25 -0.34	18.64 -1.14 -0.45	18.40 -1.17 -0.05	17.24 -0.95 0.00	17.61 -1.17 -0.13	18.24 -1.18 -0.41	20.33 -1.15 -0.23	20.32 -1.07 -0.01	20.73 -1.13 -0.56	19.84 -1.18 0.00	18.85 -1.24 -0.03	18.00 -1.01 -0.01
HUNTLEY___67 23561	22.21 -0.16 0.00	20.81 0.00 0.00	19.25 -0.04 0.00	17.98 -0.13 0.00	18.12 -0.07 0.00	18.49 -0.09 0.00	20.79 -0.45 0.00	19.96 -1.58 -0.22	21.01 -1.12 -0.64	20.82 -1.02 -0.55	21.15 -1.09 -0.47	20.27 -1.40 -0.46	20.16 -1.33 -0.34	18.60 -1.20 -0.46	18.35 -1.23 -0.06	17.22 -0.96 0.00	17.57 -1.21 -0.14	18.22 -1.22 -0.42	20.28 -1.21 -0.23	20.28 -1.11 -0.01	20.68 -1.19 -0.57	19.82 -1.20 0.00	18.85 -1.24 -0.03	18.00 -1.01 -0.01
HUNTLEY___68 23562	22.21 -0.16 0.00	20.81 0.00 0.00	19.25 -0.04 0.00	17.98 -0.13 0.00	18.12 -0.07 0.00	18.49 -0.09 0.00	20.79 -0.45 0.00	19.96 -1.58 -0.22	21.01 -1.12 -0.64	20.82 -1.02 -0.55	21.15 -1.09 -0.47	20.27 -1.40 -0.46	20.16 -1.33 -0.34	18.60 -1.20 -0.46	18.35 -1.23 -0.06	17.22 -0.96 0.00	17.57 -1.21 -0.14	18.22 -1.22 -0.42	20.28 -1.21 -0.23	20.28 -1.11 -0.01	20.68 -1.19 -0.57	19.82 -1.20 0.00	18.85 -1.24 -0.03	18.00 -1.01 -0.01
HYLAND___LFGE 323620	23.58 1.21 0.00	21.92 1.10 0.00	20.28 0.98 0.00	18.94 0.83 0.00	19.08 0.89 0.00	19.49 0.91 0.00	22.04 0.81 0.00	22.25 0.70 -0.23	22.79 0.62 -0.68	22.26 0.38 -0.58	22.44 0.17 -0.50	21.50 -0.19 -0.48	21.24 -0.28 -0.37	19.59 -0.23 -0.49	19.39 -0.20 -0.06	18.09 -0.09 0.00	18.78 -0.02 -0.15	19.65 0.19 -0.44	21.91 0.40 -0.25	22.14 0.75 -0.01	22.54 0.64 -0.61	21.39 0.38 0.00	20.25 0.16 -0.04	19.16 0.15 -0.01
INDECK___CORINTH 23802	23.87 1.50 0.00	22.04 1.23 0.00	20.41 1.12 0.00	19.17 1.07 0.00	19.26 1.07 0.00	19.74 1.15 0.00	22.76 1.53 0.00	24.95 1.43 -2.21	29.35 1.38 -6.49	29.21 1.64 -6.27	29.42 1.70 -5.95	29.18 1.66 -6.31	27.87 1.69 -5.03	27.65 1.53 -6.79	24.67 1.35 -3.81	23.45 1.25 -4.02	25.32 1.29 -5.39	28.37 1.22 -8.14	30.20 1.53 -7.41	28.62 1.58 -5.66	29.75 1.62 -6.83	24.00 1.56 -1.43	22.47 1.42 -0.98	20.44 1.33 -0.11
INDECK___ILION 23567	22.46 0.09 0.00	20.85 0.04 0.00	19.33 0.04 0.00	18.14 0.04 0.00	18.25 0.05 0.00	18.64 0.06 0.00	21.30 0.06 0.00	21.38 0.06 0.00	21.58 0.09 0.00	21.34 0.04 0.00	21.81 0.04 0.00	21.21 0.00 0.00	21.13 -0.02 0.00	19.31 -0.02 0.00	19.48 -0.04 0.00	18.14 -0.04 0.00	18.61 -0.04 0.00	18.98 -0.04 0.00	21.23 -0.02 0.00	21.38 0.00 0.00	21.28 -0.02 0.00	20.97 -0.04 0.00	20.02 -0.04 0.00	18.94 -0.06 0.00

INDECK___OLEAN 23982	23.04 0.67 0.00	21.58 0.77 0.00	19.91 0.62 0.00	18.60 0.49 0.00	18.74 0.55 0.00	19.18 0.59 0.00	21.57 0.34 0.00	20.33 -1.24 -0.25	20.85 -1.38 -0.73	20.66 -1.26 -0.62	20.98 -1.33 -0.54	20.08 -1.65 -0.52	19.89 -1.65 -0.39	18.35 -1.51 -0.53	18.08 -1.50 -0.06	17.84 -0.35 0.00	17.35 -1.45 -0.16	18.03 -1.46 -0.48	19.86 -1.66 -0.27	21.14 -0.26 -0.01	20.54 -1.41 -0.65	20.59 -0.42 0.00	19.56 -0.54 -0.04	18.68 -0.32 -0.01
INDECK___OSWEGO 23783	23.00 0.63 0.00	21.35 0.54 0.00	19.76 0.46 0.00	18.54 0.43 0.00	18.63 0.44 0.00	19.03 0.45 0.00	21.66 0.42 0.00	21.95 0.51 -0.12	22.41 0.58 -0.34	22.12 0.53 -0.29	22.58 0.57 -0.25	21.92 0.47 -0.24	21.73 0.40 -0.18	19.95 0.37 -0.25	19.92 0.37 -0.03	18.49 0.31 0.00	19.02 0.30 -0.07	19.56 0.32 -0.22	21.85 0.47 -0.12	21.94 0.55 0.00	22.11 0.51 -0.30	21.43 0.42 0.00	20.44 0.36 -0.02	19.29 0.29 -0.01
INDECK___YERKES 23781	22.30 -0.07 0.00	20.92 0.10 0.00	19.33 0.04 0.00	18.05 -0.05 0.00	18.19 0.00 0.00	18.58 0.00 0.00	20.85 -0.38 0.00	20.66 -0.88 -0.21	21.06 -1.05 -0.63	20.91 -0.92 -0.53	21.25 -0.98 -0.46	20.36 -1.29 -0.44	20.21 -1.27 -0.34	18.64 -1.14 -0.45	18.42 -1.15 -0.05	17.25 -0.93 0.00	17.63 -1.16 -0.13	18.26 -1.16 -0.41	20.12 -1.36 -0.23	20.32 -1.07 -0.01	20.75 -1.11 -0.56	19.86 -1.16 0.00	18.87 -1.22 -0.03	18.04 -0.97 -0.01
INDIAN POINT_GT_1 24139	23.62 1.25 0.00	21.73 0.92 0.00	20.16 0.87 0.00	18.94 0.83 0.00	19.03 0.84 0.00	19.46 0.87 0.00	22.42 1.19 0.00	24.16 1.28 -1.56	27.46 1.38 -4.59	28.27 1.36 -5.61	29.24 1.37 -6.10	29.62 1.27 -7.14	28.37 1.25 -5.98	28.57 1.14 -8.09	28.44 1.15 -7.76	28.41 1.13 -9.10	29.85 1.12 -10.08	32.04 1.14 -11.88	35.76 1.34 -13.17	35.53 1.41 -12.74	29.15 1.34 -6.51	25.59 1.32 -3.25	22.99 1.24 -1.69	20.25 1.18 -0.08
INDIAN POINT_GT_2 23659	23.62 1.25 0.00	21.73 0.92 0.00	20.16 0.87 0.00	18.94 0.83 0.00	19.03 0.84 0.00	19.46 0.87 0.00	22.42 1.19 0.00	24.16 1.28 -1.56	27.46 1.38 -4.59	28.27 1.36 -5.61	29.24 1.37 -6.10	29.62 1.27 -7.14	28.37 1.25 -5.98	28.57 1.14 -8.09	28.44 1.15 -7.76	28.41 1.13 -9.10	29.85 1.12 -10.08	32.04 1.14 -11.88	35.76 1.34 -13.17	35.53 1.41 -12.74	29.15 1.34 -6.51	25.59 1.32 -3.25	22.99 1.24 -1.69	20.25 1.18 -0.08
INDIAN POINT_GT_3 24019	23.62 1.25 0.00	21.73 0.92 0.00	20.16 0.87 0.00	18.94 0.83 0.00	19.03 0.84 0.00	19.46 0.87 0.00	22.42 1.19 0.00	24.16 1.28 -1.56	27.46 1.38 -4.59	28.27 1.36 -5.61	29.24 1.37 -6.10	29.62 1.27 -7.14	28.37 1.25 -5.98	28.57 1.14 -8.09	28.44 1.15 -7.76	28.41 1.13 -9.10	29.85 1.12 -10.08	32.04 1.14 -11.88	35.76 1.34 -13.17	35.53 1.41 -12.74	29.15 1.34 -6.51	25.59 1.32 -3.25	22.99 1.24 -1.69	20.25 1.18 -0.08
INDIAN POINT___2 23530	23.60 1.23 0.00	21.71 0.89 0.00	20.14 0.85 0.00	18.92 0.82 0.00	19.01 0.82 0.00	19.44 0.86 0.00	22.40 1.17 0.00	24.13 1.30 -1.51	27.26 1.33 -4.44	28.22 1.32 -5.60	29.27 1.33 -6.17	29.76 1.25 -7.29	28.51 1.23 -6.13	28.76 1.12 -8.31	28.91 1.13 -8.26	29.03 1.11 -9.74	30.42 1.10 -10.67	32.53 1.12 -12.39	36.43 1.28 -13.90	36.38 1.39 -13.61	29.15 1.32 -6.53	25.79 1.30 -3.47	23.06 1.22 -1.78	20.23 1.16 -0.08
INDIAN POINT___3 23531	23.60 1.23 0.00	21.71 0.89 0.00	20.14 0.85 0.00	18.92 0.81 0.00	18.99 0.80 0.00	19.44 0.85 0.00	22.38 1.15 0.00	24.12 1.24 -1.56	27.42 1.33 -4.60	28.21 1.30 -5.61	29.20 1.33 -6.10	29.60 1.25 -7.14	28.35 1.23 -5.98	28.55 1.12 -8.09	28.41 1.13 -7.76	28.39 1.11 -9.10	29.82 1.10 -10.08	32.02 1.12 -11.88	35.71 1.30 -13.16	35.49 1.37 -12.74	29.10 1.30 -6.51	25.56 1.30 -3.25	22.97 1.22 -1.69	20.23 1.16 -0.08
INGHAM_C_115KV_TB7 356103	22.33 -0.04 0.00	20.75 -0.06 0.00	19.24 -0.06 0.00	18.05 -0.05 0.00	18.15 -0.04 0.00	18.56 -0.02 0.00	21.21 -0.02 0.00	21.28 -0.04 0.00	21.47 -0.02 0.00	21.19 -0.11 0.00	21.64 -0.13 0.00	21.02 -0.19 0.00	20.94 -0.21 0.00	19.12 -0.21 0.00	19.27 -0.25 0.00	17.96 -0.22 0.00	18.44 -0.21 0.00	18.81 -0.21 0.00	21.04 -0.21 0.00	21.17 -0.21 0.00	21.06 -0.23 0.00	20.76 -0.25 0.00	19.82 -0.24 0.00	18.73 -0.27 0.00
IP CORINTH___1 23988	23.87 1.50 0.00	22.04 1.23 0.00	20.41 1.12 0.00	19.18 1.07 0.00	19.26 1.07 0.00	19.73 1.15 0.00	22.76 1.53 0.00	24.91 1.39 -2.21	29.35 1.38 -6.49	29.18 1.62 -6.27	29.42 1.70 -5.95	29.20 1.68 -6.31	27.87 1.69 -5.03	27.65 1.53 -6.79	24.67 1.35 -3.81	23.45 1.25 -4.01	25.32 1.29 -5.39	28.37 1.22 -8.14	30.22 1.55 -7.41	28.62 1.58 -5.66	29.75 1.62 -6.83	24.00 1.56 -1.43	22.46 1.42 -0.98	20.44 1.33 -0.11
IP___TICONDEROGA 23804	24.85 2.48 0.00	22.91 2.10 0.00	21.18 1.89 0.00	19.88 1.77 0.00	19.97 1.78 0.00	20.46 1.88 0.00	23.74 2.51 0.00	25.91 2.39 -2.20	30.34 2.36 -6.48	30.27 2.70 -6.26	30.55 2.83 -5.95	30.24 2.72 -6.31	28.87 2.69 -5.03	28.52 2.40 -6.79	25.54 2.21 -3.81	24.26 2.05 -4.02	26.15 2.11 -5.39	29.19 2.03 -8.14	31.12 2.44 -7.42	29.51 2.46 -5.67	30.69 2.56 -6.83	24.88 2.44 -1.43	23.23 2.19 -0.98	21.16 2.05 -0.11
ISLIP_RES_REC 323679	24.91 2.53 -0.01	22.75 1.94 0.00	21.01 1.72 0.00	19.77 1.66 0.00	19.95 1.76 0.00	20.37 1.78 0.00	23.40 2.17 0.00	25.32 2.39 -1.61	28.65 2.43 -4.74	29.49 2.55 -5.64	30.21 2.42 -6.03	30.62 2.40 -7.01	29.28 2.31 -5.83	29.35 2.13 -7.89	28.99 2.17 -7.30	28.75 2.04 -8.53	30.34 2.14 -9.55	32.96 2.19 -11.76	47.60 2.44 -23.90	35.95 2.56 -12.01	32.51 2.49 -8.72	27.69 2.52 -4.15	24.18 2.41 -1.72	21.32 2.24 -0.08
JAMAICA__27_KV_LOAD 355505	23.73 1.36 0.00	21.77 0.96 0.00	20.22 0.93 0.00	19.01 0.91 0.00	19.08 0.89 0.00	19.60 1.02 0.00	22.63 1.40 0.00	24.44 1.51 -1.61	27.90 1.68 -4.73	28.54 1.62 -5.62	29.35 1.55 -6.03	29.59 1.38 -6.99	28.40 1.42 -5.83	28.50 1.28 -7.90	28.12 1.29 -7.31	28.01 1.29 -8.53	29.40 1.21 -9.54	31.65 1.22 -11.42	35.16 1.40 -12.50	34.81 1.48 -11.95	29.23 1.45 -6.48	25.53 1.47 -3.04	23.15 1.48 -1.61	20.39 1.31 -0.08
JANIS___SOLAR 323808	23.58 1.21 0.00	21.87 1.06 0.00	20.24 0.95 0.00	18.98 0.87 0.00	19.10 0.91 0.00	19.53 0.95 0.00	22.21 0.98 0.00	22.70 1.00 -0.38	23.65 1.05 -1.11	23.18 0.94 -0.94	23.52 0.94 -0.81	22.68 0.68 -0.79	22.38 0.63 -0.60	20.67 0.54 -0.80	20.18 0.57 -0.10	18.75 0.56 0.00	19.43 0.54 -0.24	20.39 0.65 -0.72	22.55 0.89 -0.40	22.51 1.11 -0.01	23.22 0.94 -0.99	21.86 0.84 0.00	20.82 0.70 -0.06	19.60 0.59 -0.02
JARVIS____ 23743	22.44 0.07 0.00	20.85 0.04 0.00	19.33 0.04 0.00	18.14 0.04 0.00	18.23 0.04 0.00	18.62 0.04 0.00	21.30 0.06 0.00	21.38 0.06 0.00	21.58 0.09 0.00	21.36 0.06 0.00	21.84 0.07 0.00	21.25 0.04 0.00	21.17 0.02 0.00	19.35 0.02 0.00	19.54 0.02 0.00	18.20 0.02 0.00	18.67 0.02 0.00	19.03 0.02 0.00	21.30 0.04 0.00	21.45 0.06 0.00	21.34 0.04 0.00	21.06 0.04 0.00	20.10 0.04 0.00	19.01 0.02 0.00

JENNISON___1 23625	23.71 1.34 0.00	21.98 1.17 0.00	20.33 1.04 0.00	19.05 0.94 0.00	19.19 1.00 0.00	19.60 1.02 0.00	22.32 1.08 0.00	22.74 0.92 -0.50	24.10 1.14 -1.47	23.48 1.09 -1.10	23.71 1.11 -0.83	22.80 0.89 -0.70	22.49 0.87 -0.48	20.73 0.75 -0.64	19.76 0.76 0.52	18.13 0.75 0.80	18.84 0.67 0.48	19.92 0.72 -0.18	21.78 1.00 0.47	21.49 1.20 1.09	23.41 1.02 -1.09	21.70 0.97 0.28	20.83 0.82 0.05	19.72 0.70 -0.03
JENNISON___2 23626	23.71 1.34 0.00	21.98 1.17 0.00	20.33 1.04 0.00	19.05 0.94 0.00	19.19 1.00 0.00	19.60 1.02 0.00	22.32 1.08 0.00	22.74 0.92 -0.50	24.10 1.14 -1.47	23.48 1.09 -1.10	23.71 1.11 -0.83	22.80 0.89 -0.70	22.49 0.87 -0.48	20.73 0.75 -0.64	19.76 0.76 0.52	18.13 0.75 0.80	18.84 0.67 0.48	19.92 0.72 -0.18	21.78 1.00 0.47	21.49 1.20 1.09	23.41 1.02 -1.09	21.70 0.97 0.28	20.83 0.82 0.05	19.72 0.70 -0.03
JERICHO_RISE_WT_PWR 323719	22.08 -0.29 0.00	20.71 -0.10 0.00	19.16 -0.13 0.00	18.02 -0.09 0.00	18.06 -0.13 0.00	18.40 -0.19 0.00	20.98 -0.25 0.00	20.89 -0.43 0.00	21.10 -0.39 0.00	21.00 -0.30 0.00	21.42 -0.35 0.00	20.83 -0.38 0.00	20.94 -0.21 0.00	19.16 -0.17 0.00	19.27 -0.25 0.00	17.93 -0.25 0.00	18.39 -0.26 0.00	18.71 -0.30 0.00	20.94 -0.32 0.00	20.91 -0.47 0.00	20.85 -0.45 0.00	20.59 -0.42 0.00	19.52 -0.54 0.00	18.56 -0.44 0.00
KATONAH___115KV_46KV_TB4 355592	23.73 1.36 0.00	21.83 1.02 0.00	20.24 0.95 0.00	19.01 0.91 0.00	19.14 0.95 0.00	19.57 0.98 0.00	22.61 1.38 0.00	24.48 1.49 -1.66	27.95 1.57 -4.90	28.59 1.66 -5.64	29.25 1.55 -5.94	29.49 1.46 -6.81	28.24 1.44 -5.65	28.28 1.30 -7.65	27.55 1.27 -6.76	27.24 1.22 -7.84	28.75 1.21 -8.89	31.15 1.27 -10.86	34.46 1.51 -11.70	34.01 1.63 -11.00	29.23 1.49 -6.44	25.20 1.39 -2.80	22.93 1.36 -1.51	20.35 1.27 -0.09
KCE_NY_1 323755	23.60 1.23 0.00	21.79 0.98 0.00	20.20 0.91 0.00	18.98 0.87 0.00	19.06 0.87 0.00	19.51 0.93 0.00	22.46 1.23 0.00	24.76 1.24 -2.20	29.17 1.20 -6.48	28.88 1.32 -6.26	29.07 1.35 -5.95	28.82 1.29 -6.31	27.51 1.33 -5.03	27.32 1.20 -6.79	24.49 1.15 -3.82	23.31 1.09 -4.04	25.19 1.14 -5.40	28.29 1.12 -8.15	29.99 1.30 -7.44	28.39 1.33 -5.69	29.45 1.32 -6.83	23.71 1.26 -1.43	22.23 1.18 -0.99	20.23 1.12 -0.11
KCE_NY_6_ESR 323823	22.62 0.25 0.00	21.21 0.39 0.00	19.58 0.29 0.00	18.29 0.18 0.00	18.43 0.24 0.00	18.82 0.24 0.00	21.15 -0.08 0.00	20.71 -0.83 -0.23	21.16 -0.99 -0.66	20.99 -0.87 -0.56	21.32 -0.94 -0.48	20.41 -1.27 -0.47	20.26 -1.25 -0.36	18.69 -1.12 -0.48	18.43 -1.15 -0.06	17.49 -0.69 0.00	17.65 -1.14 -0.14	18.33 -1.12 -0.43	20.20 -1.30 -0.24	20.64 -0.75 -0.01	20.82 -1.06 -0.59	20.15 -0.86 0.00	19.15 -0.94 -0.04	18.30 -0.70 -0.01
KEDC_PORT_JEFF_GT2 24210	24.75 2.37 -0.01	22.62 1.81 0.00	20.88 1.58 0.00	19.66 1.56 0.00	19.83 1.64 0.00	20.26 1.67 0.00	23.27 2.04 0.00	25.17 2.24 -1.61	28.50 2.28 -4.74	29.32 2.38 -5.64	30.04 2.24 -6.03	30.45 2.23 -7.01	29.11 2.13 -5.83	29.20 1.97 -7.89	28.86 2.03 -7.30	28.63 1.91 -8.54	30.19 2.00 -9.55	32.82 2.04 -11.77	50.05 2.28 -26.52	35.80 2.39 -12.02	32.35 2.32 -8.73	27.52 2.35 -4.16	24.04 2.27 -1.72	21.19 2.11 -0.08
KEDC_PORT_JEFF_GT3 24211	24.75 2.37 -0.01	22.62 1.81 0.00	20.88 1.58 0.00	19.66 1.56 0.00	19.83 1.64 0.00	20.26 1.67 0.00	23.27 2.04 0.00	25.17 2.24 -1.61	28.50 2.28 -4.74	29.32 2.38 -5.64	30.04 2.24 -6.03	30.45 2.23 -7.01	29.11 2.13 -5.83	29.20 1.97 -7.89	28.86 2.03 -7.30	28.63 1.91 -8.54	30.19 2.00 -9.55	32.82 2.04 -11.77	50.05 2.28 -26.52	35.80 2.39 -12.02	32.35 2.32 -8.73	27.52 2.35 -4.16	24.04 2.27 -1.72	21.19 2.11 -0.08
KEDC_GLWD_GT4 24219	24.10 1.72 -0.01	22.08 1.27 0.00	20.45 1.16 0.00	19.23 1.12 0.00	19.36 1.17 0.00	19.77 1.19 0.00	22.76 1.53 0.00	24.64 1.71 -1.61	27.99 1.76 -4.74	28.73 1.79 -5.64	29.58 1.79 -6.03	29.93 1.72 -7.00	28.65 1.67 -5.83	28.75 1.53 -7.89	28.37 1.54 -7.30	28.18 1.47 -8.52	29.68 1.49 -9.54	32.24 1.52 -11.70	35.50 1.72 -12.53	35.17 1.84 -11.95	31.71 1.75 -8.66	26.90 1.74 -4.14	23.44 1.66 -1.72	20.65 1.58 -0.08
KEDC_GLWD_GT5 24220	24.10 1.72 -0.01	22.08 1.27 0.00	20.45 1.16 0.00	19.23 1.12 0.00	19.36 1.17 0.00	19.77 1.19 0.00	22.76 1.53 0.00	24.64 1.71 -1.61	27.99 1.76 -4.74	28.73 1.79 -5.64	29.58 1.79 -6.03	29.93 1.72 -7.00	28.65 1.67 -5.83	28.75 1.53 -7.89	28.37 1.54 -7.30	28.18 1.47 -8.52	29.68 1.49 -9.54	32.24 1.52 -11.70	35.50 1.72 -12.53	35.17 1.84 -11.95	31.71 1.75 -8.66	26.90 1.74 -4.14	23.44 1.66 -1.72	20.65 1.58 -0.08
KENSICO____ 23655	23.69 1.32 0.00	21.77 0.96 0.00	20.20 0.91 0.00	18.98 0.87 0.00	19.06 0.87 0.00	19.51 0.93 0.00	22.49 1.25 0.00	24.26 1.34 -1.60	27.63 1.44 -4.70	28.33 1.41 -5.62	29.25 1.44 -6.05	29.58 1.34 -7.03	28.35 1.33 -5.87	28.50 1.22 -7.95	28.18 1.23 -7.43	28.04 1.18 -8.68	29.50 1.17 -9.68	31.75 1.20 -11.54	35.33 1.40 -12.67	35.01 1.48 -12.15	29.19 1.41 -6.49	25.50 1.39 -3.10	22.99 1.30 -1.63	20.31 1.23 -0.08
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	23.80 1.43 0.00	21.92 1.10 0.00	20.32 1.02 0.00	19.07 0.96 0.00	19.06 0.87 0.00	19.47 0.89 0.00	22.46 1.23 0.00	24.04 1.26 -1.46	27.10 1.31 -4.30	26.88 1.28 -4.30	27.25 1.28 -4.19	26.96 1.21 -4.54	25.94 1.14 -3.65	25.29 1.02 -4.93	23.74 1.03 -3.18	22.71 1.05 -3.48	24.09 1.10 -4.34	26.23 1.06 -6.15	28.51 1.36 -5.89	27.66 1.45 -4.83	27.38 1.34 -4.74	23.56 1.32 -1.22	22.08 1.24 -0.77	20.23 1.16 -0.08
KIAC_JFK_GT1 23816	23.60 1.23 0.00	21.67 0.85 0.00	20.12 0.83 0.00	18.92 0.81 0.00	18.97 0.78 0.00	19.49 0.91 0.00	22.51 1.27 0.00	24.34 1.41 -1.61	27.79 1.57 -4.73	28.41 1.49 -5.62	29.21 1.42 -6.03	29.48 1.27 -6.99	28.27 1.29 -5.83	28.41 1.18 -7.90	28.03 1.19 -7.31	27.90 1.18 -8.53	29.31 1.12 -9.54	31.46 1.03 -11.42	34.97 1.21 -12.50	34.59 1.26 -11.95	29.12 1.34 -6.48	25.40 1.34 -3.04	23.03 1.36 -1.61	20.29 1.22 -0.08
KIAC_JFK_GT2 23817	23.60 1.23 0.00	21.67 0.85 0.00	20.12 0.83 0.00	18.92 0.81 0.00	18.97 0.78 0.00	19.49 0.91 0.00	22.51 1.27 0.00	24.34 1.41 -1.61	27.79 1.57 -4.73	28.41 1.49 -5.62	29.21 1.42 -6.03	29.48 1.27 -6.99	28.27 1.29 -5.83	28.41 1.18 -7.90	28.03 1.19 -7.31	27.90 1.18 -8.53	29.31 1.12 -9.54	31.46 1.03 -11.42	34.97 1.21 -12.50	34.59 1.26 -11.95	29.12 1.34 -6.48	25.40 1.34 -3.04	23.03 1.36 -1.61	20.29 1.22 -0.08
KIAC_JFK____ 323774	23.60 1.23 0.00	21.67 0.85 0.00	20.12 0.83 0.00	18.92 0.82 0.00	19.01 0.82 0.00	19.46 0.87 0.00	22.51 1.27 0.00	24.38 1.45 -1.61	27.79 1.57 -4.73	28.44 1.51 -5.62	29.21 1.41 -6.03	29.48 1.27 -6.99	28.27 1.29 -5.83	28.41 1.18 -7.90	28.03 1.19 -7.31	27.90 1.18 -8.54	29.31 1.12 -9.54	31.46 1.03 -11.42	34.94 1.19 -12.50	34.59 1.26 -11.95	29.12 1.34 -6.48	25.41 1.35 -3.04	23.03 1.36 -1.61	20.29 1.22 -0.08

KINTIGH____ 23543	21.90 -0.47 0.00	20.50 -0.31 0.00	18.97 -0.33 0.00	17.73 -0.38 0.00	17.84 -0.35 0.00	18.23 -0.35 0.00	20.53 -0.70 0.00	20.23 -1.28 -0.19	21.20 -0.86 -0.57	20.97 -0.81 -0.48	21.34 -0.85 -0.42	20.49 -1.12 -0.40	20.40 -1.06 -0.31	18.80 -0.95 -0.41	18.61 -0.96 -0.05	17.14 -1.04 0.00	17.82 -0.95 -0.12	18.42 -0.97 -0.37	20.50 -0.96 -0.21	20.19 -1.20 -0.01	20.89 -0.92 -0.51	19.73 -1.28 0.00	18.83 -1.26 -0.03	17.90 -1.10 -0.01
KNTFSRNC_46_KV_46KV_LOAD 80397	22.28 -0.09 0.00	20.90 0.08 0.00	19.31 0.02 0.00	18.18 0.07 0.00	18.21 0.02 0.00	18.55 -0.04 0.00	21.15 -0.08 0.00	21.17 -0.15 0.00	21.30 -0.19 0.00	21.19 -0.11 0.00	21.64 -0.13 0.00	21.00 -0.21 0.00	21.06 -0.08 0.00	19.35 0.02 0.00	19.48 -0.04 0.00	18.13 -0.05 0.00	18.59 -0.06 0.00	18.92 -0.10 0.00	21.15 -0.11 0.00	21.17 -0.21 0.00	21.09 -0.21 0.00	20.76 -0.25 0.00	19.64 -0.42 0.00	18.71 -0.28 0.00
LACHUTE__HYDRO 323717	24.85 2.48 0.00	22.91 2.10 0.00	21.18 1.89 0.00	19.88 1.78 0.00	19.97 1.78 0.00	20.48 1.90 0.00	23.74 2.50 0.00	26.00 2.47 -2.20	30.34 2.36 -6.48	30.29 2.73 -6.26	30.55 2.83 -5.95	30.22 2.69 -6.31	28.87 2.69 -5.03	28.52 2.40 -6.79	25.54 2.21 -3.81	24.26 2.05 -4.03	26.15 2.11 -5.39	29.19 2.04 -8.14	31.08 2.40 -7.42	29.51 2.46 -5.67	30.68 2.55 -6.83	24.88 2.44 -1.43	23.23 2.19 -0.98	21.16 2.05 -0.11
LAWRNCV_115KV_TB1 80681	22.08 -0.29 0.00	20.69 -0.12 0.00	19.14 -0.15 0.00	17.98 -0.13 0.00	18.04 -0.15 0.00	18.42 -0.17 0.00	21.00 -0.23 0.00	21.13 -0.19 0.00	21.19 -0.30 0.00	21.06 -0.23 0.00	21.55 -0.22 0.00	21.04 -0.17 0.00	21.00 -0.15 0.00	19.18 -0.15 0.00	19.37 -0.16 0.00	18.00 -0.18 0.00	18.41 -0.24 0.00	18.69 -0.32 0.00	20.87 -0.38 0.00	20.93 -0.45 0.00	20.87 -0.43 0.00	20.68 -0.34 0.00	19.74 -0.32 0.00	18.73 -0.27 0.00
LEDERLE____ 23769	23.69 1.32 0.00	21.79 0.98 0.00	20.20 0.91 0.00	18.98 0.87 0.00	19.05 0.85 0.00	19.47 0.89 0.00	22.44 1.21 0.00	24.05 1.28 -1.45	27.14 1.38 -4.27	28.35 1.36 -5.69	29.59 1.39 -6.43	30.23 1.32 -7.71	28.94 1.27 -6.52	29.34 1.16 -8.84	29.94 1.17 -9.24	30.30 1.15 -10.97	31.67 1.16 -11.87	33.66 1.16 -13.49	38.03 1.38 -15.40	38.16 1.45 -15.33	29.40 1.38 -6.72	26.29 1.37 -3.91	23.31 1.28 -1.97	20.27 1.20 -0.07
LIGHTHSE_115KV_TB6 355974	22.88 0.51 0.00	21.23 0.42 0.00	19.64 0.35 0.00	18.43 0.33 0.00	18.54 0.35 0.00	18.90 0.32 0.00	21.49 0.25 0.00	21.66 0.23 -0.10	22.16 0.37 -0.30	21.88 0.32 -0.26	22.36 0.37 -0.22	21.72 0.30 -0.22	21.52 0.21 -0.16	19.75 0.19 -0.22	19.72 0.18 -0.03	18.31 0.13 0.00	18.82 0.11 -0.07	19.37 0.15 -0.20	21.66 0.30 -0.11	21.75 0.36 0.00	21.91 0.34 -0.27	21.27 0.25 0.00	20.28 0.20 -0.02	19.13 0.13 -0.01
LINDEN COGEN____ 23786	23.69 1.32 0.00	21.73 0.91 0.00	20.20 0.91 0.00	18.98 0.87 0.00	19.08 0.89 0.00	19.49 0.91 0.00	22.51 1.27 0.00	24.36 1.43 -1.61	27.73 1.50 -4.73	28.37 1.45 -5.62	29.30 1.50 -6.03	29.58 1.38 -6.99	28.37 1.40 -5.83	28.48 1.26 -7.90	28.10 1.27 -7.31	27.97 1.25 -8.54	29.40 1.21 -9.54	31.61 1.18 -11.42	35.12 1.36 -12.50	34.77 1.43 -11.95	29.18 1.41 -6.48	25.51 1.45 -3.04	23.03 1.36 -1.61	20.35 1.27 -0.08
LINDHRST_69_KV_BK1 356055	24.65 2.28 0.00	22.52 1.71 0.00	20.80 1.50 0.00	19.57 1.47 0.00	19.72 1.53 0.00	20.09 1.51 0.00	23.17 1.93 0.00	25.00 2.07 -1.61	28.35 2.13 -4.74	29.20 2.26 -5.64	29.93 2.13 -6.03	30.33 2.12 -6.99	29.03 2.05 -5.83	29.10 1.88 -7.89	28.74 1.91 -7.30	28.50 1.80 -8.52	30.08 1.90 -9.53	32.64 1.92 -11.71	37.00 2.19 -13.55	35.62 2.29 -11.95	32.16 2.19 -8.67	27.37 2.21 -4.14	23.92 2.15 -1.72	21.09 2.01 -0.08
LIPA_MISC_IPP 23656	24.79 2.42 0.00	22.64 1.83 0.00	20.89 1.60 0.00	19.70 1.59 0.00	19.85 1.66 0.00	20.22 1.64 0.00	23.29 2.06 0.00	25.13 2.20 -1.61	28.46 2.23 -4.74	29.35 2.41 -5.64	30.06 2.26 -6.03	30.46 2.25 -7.00	29.13 2.16 -5.83	29.22 2.16 -7.89	28.86 2.03 -7.30	28.64 1.93 -8.53	30.22 2.03 -9.54	32.83 2.05 -11.76	47.89 2.34 -24.30	35.83 2.44 -12.01	32.38 2.36 -8.72	27.54 2.37 -4.15	24.06 2.29 -1.72	21.21 2.13 -0.08
LISF__SOLAR 323691	24.82 2.44 -0.01	22.69 1.87 0.00	20.93 1.64 0.00	19.74 1.63 0.00	19.90 1.71 0.00	20.33 1.75 0.00	23.34 2.10 0.00	25.23 2.30 -1.61	28.57 2.34 -4.74	29.39 2.45 -5.64	30.10 2.31 -6.03	30.51 2.29 -7.01	29.18 2.20 -5.83	29.25 2.03 -7.89	28.91 2.09 -7.30	28.68 1.96 -8.53	30.26 2.07 -9.55	32.89 2.11 -11.76	48.08 2.36 -24.46	35.87 2.48 -12.01	32.42 2.41 -8.72	27.60 2.44 -4.15	24.12 2.35 -1.72	21.24 2.16 -0.08
LITTLE FALLS__HYD 24013	22.33 -0.04 0.00	20.75 -0.06 0.00	19.24 -0.06 0.00	18.05 -0.05 0.00	18.15 -0.04 0.00	18.56 -0.02 0.00	21.21 -0.02 0.00	21.28 -0.04 0.00	21.47 -0.02 0.00	21.19 -0.11 0.00	21.64 -0.13 0.00	21.02 -0.19 0.00	20.94 -0.21 0.00	19.12 -0.21 0.00	19.27 -0.25 0.00	17.96 -0.22 0.00	18.44 -0.21 0.00	18.81 -0.21 0.00	21.04 -0.21 0.00	21.17 -0.21 0.00	21.06 -0.23 0.00	20.76 -0.25 0.00	19.82 -0.24 0.00	18.73 -0.27 0.00
LITTLRIV_115KV_TB1 356100	22.24 -0.13 0.00	20.81 0.00 0.00	19.27 -0.02 0.00	18.09 -0.02 0.00	18.17 -0.02 0.00	18.53 -0.06 0.00	21.13 -0.11 0.00	21.23 -0.09 0.00	21.34 -0.15 0.00	21.19 -0.11 0.00	21.68 -0.09 0.00	21.17 -0.04 0.00	21.13 -0.02 0.00	19.29 -0.04 0.00	19.46 -0.06 0.00	18.09 -0.09 0.00	18.52 -0.13 0.00	18.81 -0.21 0.00	21.00 -0.26 0.00	21.08 -0.30 0.00	21.02 -0.28 0.00	20.83 -0.19 0.00	19.86 -0.20 0.00	18.82 -0.17 0.00
LI_NEWBRDGE__DRP 323616	24.14 1.77 0.00	22.08 1.27 0.00	20.41 1.12 0.00	19.21 1.10 0.00	19.34 1.15 0.00	19.72 1.13 0.00	22.76 1.53 0.00	24.57 1.64 -1.61	27.92 1.70 -4.74	28.75 1.81 -5.64	29.47 1.68 -6.03	29.86 1.65 -6.99	28.58 1.61 -5.83	28.69 1.47 -7.89	28.31 1.48 -7.30	28.10 1.40 -8.52	29.63 1.45 -9.53	32.18 1.46 -11.70	35.48 1.70 -12.53	35.08 1.75 -11.95	31.66 1.70 -8.66	26.86 1.70 -4.14	23.46 1.68 -1.72	20.69 1.61 -0.08
LOCKPORT_115KV_TB60_63_64 80432	22.10 -0.27 0.00	20.75 -0.06 0.00	19.20 -0.10 0.00	17.91 -0.20 0.00	18.06 -0.13 0.00	18.43 -0.15 0.00	20.66 -0.57 0.00	19.92 -1.60 -0.20	20.97 -1.12 -0.60	20.78 -1.02 -0.51	21.12 -1.09 -0.44	20.24 -1.40 -0.42	20.14 -1.33 -0.32	18.55 -1.22 -0.43	18.32 -1.25 -0.05	17.11 -1.07 0.00	17.54 -1.23 -0.13	18.17 -1.24 -0.39	20.26 -1.21 -0.22	20.17 -1.22 -0.01	20.64 -1.19 -0.53	19.71 -1.30 0.00	18.75 -1.34 -0.03	17.88 -1.12 -0.01
LOCKPORT__CC1 323769	22.10 -0.27 0.00	20.75 -0.06 0.00	19.20 -0.10 0.00	17.93 -0.18 0.00	18.06 -0.13 0.00	18.45 -0.13 0.00	20.68 -0.55 0.00	20.54 -0.98 -0.20	20.97 -1.12 -0.60	20.77 -1.04 -0.51	21.12 -1.09 -0.44	20.24 -1.40 -0.43	20.10 -1.37 -0.32	18.55 -1.22 -0.43	18.32 -1.25 -0.05	17.13 -1.05 0.00	17.55 -1.23 -0.13	18.19 -1.22 -0.39	20.05 -1.42 -0.22	20.19 -1.20 -0.01	20.64 -1.19 -0.54	19.71 -1.30 0.00	18.75 -1.34 -0.03	17.92 -1.08 -0.01

LOCKPORT___CC2 323770	22.10 -0.27 0.00	20.75 -0.06 0.00	19.20 -0.10 0.00	17.93 -0.18 0.00	18.06 -0.13 0.00	18.45 -0.13 0.00	20.68 -0.55 0.00	20.54 -0.98 -0.20	20.97 -1.12 -0.60	20.77 -1.04 -0.51	21.12 -1.09 -0.44	20.24 -1.40 -0.43	20.10 -1.37 -0.32	18.55 -1.22 -0.43	18.32 -1.25 -0.05	17.13 -1.05 0.00	17.55 -1.23 -0.13	18.19 -1.22 -0.39	20.05 -1.42 -0.22	20.19 -1.20 -0.01	20.64 -1.19 -0.54	19.71 -1.30 0.00	18.75 -1.34 -0.03	17.92 -1.08 -0.01
LOCKPORT___CC3 323771	22.10 -0.27 0.00	20.75 -0.06 0.00	19.20 -0.10 0.00	17.93 -0.18 0.00	18.06 -0.13 0.00	18.45 -0.13 0.00	20.68 -0.55 0.00	20.54 -0.98 -0.20	20.97 -1.12 -0.60	20.77 -1.04 -0.51	21.12 -1.09 -0.44	20.24 -1.40 -0.43	20.10 -1.37 -0.32	18.55 -1.22 -0.43	18.32 -1.25 -0.05	17.13 -1.05 0.00	17.55 -1.23 -0.13	18.19 -1.22 -0.39	20.05 -1.42 -0.22	20.19 -1.20 -0.01	20.64 -1.19 -0.54	19.71 -1.30 0.00	18.75 -1.34 -0.03	17.92 -1.08 -0.01
LONG_LAKE_PHOENIX 24014	22.88 0.51 0.00	21.25 0.44 0.00	19.66 0.37 0.00	18.45 0.34 0.00	18.55 0.36 0.00	18.94 0.35 0.00	21.57 0.34 0.00	21.76 0.32 -0.12	22.33 0.49 -0.34	22.04 0.45 -0.29	22.50 0.48 -0.25	21.84 0.38 -0.24	21.65 0.32 -0.18	19.87 0.29 -0.25	19.86 0.31 -0.03	18.44 0.25 0.00	18.96 0.24 -0.07	19.51 0.27 -0.22	21.80 0.43 -0.13	21.86 0.47 0.00	22.03 0.43 -0.31	21.33 0.32 0.00	20.36 0.28 -0.02	19.23 0.23 -0.01
LOVETT___3 23632	23.58 1.21 0.00	21.69 0.87 0.00	20.12 0.83 0.00	18.90 0.80 0.00	18.97 0.78 0.00	19.42 0.84 0.00	22.36 1.13 0.00	24.00 1.22 -1.47	27.09 1.29 -4.31	28.23 1.28 -5.65	29.42 1.31 -6.34	29.99 1.21 -7.57	28.75 1.21 -6.40	29.10 1.10 -8.67	29.57 1.11 -8.93	29.83 1.07 -10.58	31.22 1.08 -11.49	33.23 1.08 -13.13	37.45 1.28 -14.92	37.52 1.35 -14.79	29.25 1.30 -6.65	26.07 1.28 -3.77	23.17 1.20 -1.91	20.21 1.14 -0.08
LOVETT___4 23642	23.58 1.21 0.00	21.69 0.87 0.00	20.12 0.83 0.00	18.90 0.80 0.00	18.97 0.78 0.00	19.42 0.84 0.00	22.36 1.13 0.00	24.00 1.22 -1.47	27.09 1.29 -4.31	28.23 1.28 -5.65	29.42 1.31 -6.34	29.99 1.21 -7.57	28.75 1.21 -6.40	29.10 1.10 -8.67	29.57 1.11 -8.93	29.83 1.07 -10.58	31.22 1.08 -11.49	33.23 1.08 -13.13	37.45 1.28 -14.92	37.52 1.35 -14.79	29.25 1.30 -6.65	26.07 1.28 -3.77	23.17 1.20 -1.91	20.21 1.14 -0.08
LOVETT___5 23593	23.58 1.21 0.00	21.69 0.87 0.00	20.12 0.83 0.00	18.90 0.80 0.00	18.97 0.78 0.00	19.42 0.84 0.00	22.36 1.13 0.00	24.00 1.22 -1.47	27.09 1.29 -4.31	28.23 1.28 -5.65	29.42 1.31 -6.34	29.99 1.21 -7.57	28.75 1.21 -6.40	29.10 1.10 -8.67	29.57 1.11 -8.93	29.83 1.07 -10.58	31.22 1.08 -11.49	33.23 1.08 -13.13	37.45 1.28 -14.92	37.52 1.35 -14.79	29.25 1.30 -6.65	26.07 1.28 -3.77	23.17 1.20 -1.91	20.21 1.14 -0.08
LOWER RAQUET___HYD 24057	22.10 -0.27 0.00	20.71 -0.10 0.00	19.16 -0.13 0.00	18.00 -0.11 0.00	18.06 -0.13 0.00	18.43 -0.15 0.00	21.02 -0.21 0.00	21.00 -0.32 0.00	21.23 -0.26 0.00	21.09 -0.21 0.00	21.57 -0.20 0.00	21.06 -0.15 0.00	21.04 -0.11 0.00	19.20 -0.13 0.00	19.37 -0.16 0.00	18.00 -0.18 0.00	18.41 -0.24 0.00	18.67 -0.34 0.00	20.89 -0.36 0.00	20.91 -0.47 0.00	20.85 -0.45 0.00	20.68 -0.34 0.00	19.74 -0.32 0.00	18.71 -0.28 0.00
LOWER___HUDSON 24059	23.13 0.76 0.00	21.37 0.56 0.00	19.83 0.54 0.00	18.63 0.53 0.00	18.70 0.51 0.00	19.16 0.58 0.00	22.00 0.76 0.00	24.32 0.83 -2.17	28.72 0.84 -6.40	28.37 0.85 -6.22	28.57 0.87 -5.93	28.35 0.83 -6.31	27.01 0.82 -5.04	26.89 0.75 -6.80	24.20 0.76 -3.92	23.06 0.71 -4.17	24.93 0.76 -5.52	28.02 0.78 -8.23	29.70 0.87 -7.57	28.15 0.90 -5.87	28.98 0.89 -6.79	23.36 0.86 -1.48	21.88 0.82 -1.00	19.90 0.80 -0.11
LOWVILLE_115KV_TB2 356335	22.95 0.58 0.00	21.33 0.52 0.00	19.74 0.44 0.00	18.49 0.38 0.00	18.63 0.44 0.00	19.01 0.43 0.00	21.66 0.42 0.00	21.76 0.38 -0.05	22.12 0.47 -0.16	21.84 0.40 -0.14	22.28 0.39 -0.12	21.60 0.28 -0.11	21.49 0.25 -0.09	19.66 0.21 -0.11	19.59 0.06 -0.01	18.24 0.05 0.00	18.74 0.06 -0.03	19.21 0.10 -0.10	21.55 0.23 -0.06	21.66 0.28 0.00	21.65 0.21 -0.14	21.14 0.13 0.00	20.13 0.06 -0.01	18.98 -0.02 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	23.58 1.21 0.00	21.79 0.98 0.00	20.20 0.91 0.00	18.96 0.85 0.00	19.06 0.87 0.00	19.49 0.91 0.00	22.44 1.21 0.00	24.72 1.19 -2.20	29.17 1.20 -6.48	28.86 1.30 -6.26	29.07 1.35 -5.95	28.82 1.29 -6.31	27.49 1.31 -5.03	27.32 1.20 -6.79	24.50 1.15 -3.82	23.29 1.07 -4.03	25.17 1.12 -5.40	28.27 1.10 -8.15	29.99 1.30 -7.44	28.39 1.33 -5.69	29.43 1.30 -6.83	23.71 1.26 -1.43	22.21 1.16 -0.99	20.21 1.10 -0.11
LUTHERNY_35_KV_BK2 355980	23.60 1.23 0.00	21.79 0.98 0.00	20.20 0.91 0.00	18.98 0.87 0.00	19.06 0.87 0.00	19.51 0.93 0.00	22.46 1.23 0.00	24.72 1.19 -2.20	29.17 1.20 -6.48	28.86 1.30 -6.26	29.07 1.35 -5.95	28.84 1.32 -6.31	27.51 1.33 -5.03	27.32 1.20 -6.79	24.50 1.15 -3.82	23.31 1.09 -4.03	25.19 1.14 -5.40	28.29 1.12 -8.15	30.01 1.32 -7.44	28.39 1.33 -5.69	29.45 1.32 -6.83	23.71 1.26 -1.43	22.23 1.18 -0.99	20.23 1.12 -0.11
LWR___OSWEGATCHIE_HYD 23850	22.55 0.18 0.00	21.00 0.19 0.00	19.45 0.15 0.00	18.23 0.13 0.00	18.34 0.15 0.00	18.71 0.13 0.00	21.32 0.08 0.00	21.44 0.09 -0.04	21.71 0.11 -0.12	21.48 0.09 -0.10	21.94 0.09 -0.09	21.34 0.04 -0.08	21.25 0.04 -0.06	19.44 0.02 -0.08	19.47 -0.06 -0.01	18.11 -0.07 0.00	18.58 -0.09 -0.02	18.98 -0.11 -0.08	21.21 -0.09 -0.04	21.30 -0.09 0.00	21.30 -0.11 -0.10	20.91 -0.11 0.00	19.94 -0.12 -0.01	18.86 -0.13 0.00
LYONS_FALL_HYD 23570	22.95 0.58 0.00	21.31 0.50 0.00	19.72 0.42 0.00	18.49 0.38 0.00	18.61 0.42 0.00	19.01 0.43 0.00	21.66 0.42 0.00	21.80 0.43 -0.05	22.14 0.49 -0.15	21.85 0.43 -0.13	22.32 0.44 -0.11	21.64 0.32 -0.11	21.53 0.30 -0.08	19.69 0.25 -0.11	19.71 0.18 -0.01	18.33 0.14 0.00	18.83 0.15 -0.03	19.29 0.17 -0.10	21.61 0.30 -0.06	21.75 0.36 0.00	21.73 0.30 -0.14	21.25 0.23 0.00	20.23 0.16 -0.01	19.09 0.10 0.00
MADISON___COUNTY_LFGE 323628	23.04 0.67 0.00	21.40 0.58 0.00	19.81 0.52 0.00	18.56 0.45 0.00	18.68 0.49 0.00	19.08 0.50 0.00	21.76 0.53 0.00	21.89 0.49 -0.08	22.34 0.60 -0.25	22.04 0.53 -0.21	22.50 0.54 -0.18	21.79 0.40 -0.13	21.66 0.38 -0.18	19.86 0.35 -0.02	19.89 0.35 0.00	18.51 0.33 0.00	19.02 0.32 -0.05	19.50 0.32 -0.16	21.81 0.47 -0.09	21.92 0.53 0.00	21.99 0.47 -0.22	21.41 0.40 0.00	20.41 0.34 -0.01	19.30 0.30 0.00
MALONE___115KV_TB1 356076	22.24 -0.13 0.00	20.85 0.04 0.00	19.27 -0.02 0.00	18.12 0.02 0.00	18.17 -0.02 0.00	18.53 -0.06 0.00	21.13 -0.11 0.00	21.19 -0.13 0.00	21.30 -0.19 0.00	21.21 -0.09 0.00	21.68 -0.09 0.00	21.08 -0.13 0.00	21.08 -0.06 0.00	19.33 0.00 0.00	19.48 -0.04 0.00	18.13 -0.05 0.00	18.57 -0.07 0.00	18.88 -0.13 0.00	21.11 -0.15 0.00	21.13 -0.26 0.00	21.04 -0.26 0.00	20.76 -0.25 0.00	19.68 -0.38 0.00	18.73 -0.27 0.00

MAPLEWOD_115KV_TB3 80458	22.93 0.56 0.00	21.21 0.40 0.00	19.70 0.41 0.00	18.49 0.38 0.00	18.57 0.38 0.00	19.01 0.43 0.00	21.83 0.59 0.00	24.14 0.66 -2.16	28.52 0.67 -6.36	28.15 0.66 -6.19	28.37 0.70 -5.91	28.16 0.66 -6.29	26.83 0.66 -5.03	26.72 0.60 -6.78	24.05 0.61 -3.93	22.94 0.58 -4.17	24.78 0.62 -5.52	27.85 0.63 -8.21	29.55 0.72 -7.57	27.99 0.73 -5.88	28.77 0.70 -6.77	23.17 0.67 -1.48	21.70 0.64 -1.00	19.71 0.61 -0.11
MAPLE_RIDGE_WT_1 323574	22.08 -0.29 0.00	20.56 -0.25 0.00	19.10 -0.19 0.00	17.94 -0.16 0.00	18.03 -0.16 0.00	18.38 -0.20 0.00	21.02 -0.21 0.00	21.15 -0.17 0.00	21.30 -0.19 0.00	21.06 -0.23 0.00	21.51 -0.26 0.00	20.89 -0.32 0.00	20.79 -0.36 0.00	18.97 -0.37 0.00	19.15 -0.37 0.00	17.85 -0.33 0.00	18.31 -0.34 0.00	18.65 -0.36 0.00	20.89 -0.36 0.00	21.06 -0.32 0.00	20.96 -0.34 0.00	20.61 -0.40 0.00	19.66 -0.40 0.00	18.58 -0.42 0.00
MAPLE_RIDGE_WT_2 323611	22.08 -0.29 0.00	20.56 -0.25 0.00	19.10 -0.19 0.00	17.94 -0.16 0.00	18.03 -0.16 0.00	18.38 -0.20 0.00	21.02 -0.21 0.00	21.15 -0.17 0.00	21.30 -0.19 0.00	21.06 -0.23 0.00	21.51 -0.26 0.00	20.89 -0.32 0.00	20.79 -0.36 0.00	18.97 -0.37 0.00	19.15 -0.37 0.00	17.85 -0.33 0.00	18.31 -0.34 0.00	18.65 -0.36 0.00	20.89 -0.36 0.00	21.06 -0.32 0.00	20.96 -0.34 0.00	20.61 -0.40 0.00	19.66 -0.40 0.00	18.58 -0.42 0.00
MARBLE_RIVER_WT_PWR 323696	22.12 -0.25 0.00	20.73 -0.08 0.00	19.20 -0.10 0.00	18.05 -0.05 0.00	18.08 -0.11 0.00	18.42 -0.17 0.00	21.00 -0.23 0.00	20.94 -0.38 0.00	21.12 -0.37 0.00	21.02 -0.28 0.00	21.44 -0.33 0.00	20.83 -0.38 0.00	20.94 -0.21 0.00	19.18 -0.16 0.00	19.29 -0.23 0.00	17.94 -0.24 0.00	18.41 -0.24 0.00	18.73 -0.28 0.00	20.96 -0.30 0.00	20.93 -0.45 0.00	20.87 -0.43 0.00	20.59 -0.42 0.00	19.52 -0.54 0.00	18.58 -0.42 0.00
MARSHVLE_115KV_TB1 80742	24.50 2.13 0.00	22.71 1.89 0.00	21.01 1.72 0.00	19.74 1.63 0.00	19.85 1.66 0.00	20.35 1.77 0.00	23.53 2.29 0.00	25.84 2.30 -2.22	30.22 2.19 -6.53	29.80 2.22 -6.29	29.88 2.16 -5.96	29.56 2.04 -6.31	28.20 2.03 -5.03	28.01 1.89 -6.78	25.20 1.93 -3.75	24.06 1.95 -3.94	26.07 2.11 -5.32	29.25 2.15 -8.09	31.05 2.47 -7.33	29.45 2.52 -5.55	30.54 2.39 -6.85	24.68 2.27 -1.40	23.04 2.01 -0.97	20.97 1.86 -0.11
MARSH_HILL_WT_PWR 323713	23.22 0.85 0.00	21.67 0.85 0.00	20.01 0.71 0.00	18.72 0.62 0.00	18.84 0.65 0.00	19.27 0.69 0.00	21.76 0.53 0.00	21.70 0.11 -0.28	22.33 0.02 -0.82	22.01 0.02 -0.69	22.30 -0.07 -0.60	21.41 -0.38 -0.58	21.14 -0.45 -0.44	19.50 -0.43 -0.59	19.16 -0.43 -0.07	18.04 -0.15 0.00	18.36 -0.47 -0.17	19.11 -0.44 -0.53	21.13 -0.42 -0.30	21.46 0.06 -0.01	21.77 -0.25 -0.73	20.85 -0.17 0.00	19.80 -0.30 -0.04	18.78 -0.23 -0.01
MCINTYRE_115KV_TB2 80467	22.24 -0.13 0.00	20.83 0.02 0.00	19.27 -0.02 0.00	18.09 -0.02 0.00	18.19 0.00 0.00	18.55 -0.04 0.00	21.13 -0.11 0.00	21.26 -0.06 0.00	21.32 -0.17 0.00	21.17 -0.13 0.00	21.68 -0.09 0.00	21.17 -0.04 0.00	21.13 -0.02 0.00	19.29 -0.04 0.00	19.48 -0.04 0.00	18.11 -0.07 0.00	18.54 -0.11 0.00	18.88 -0.13 0.00	21.06 -0.19 0.00	21.17 -0.21 0.00	21.09 -0.21 0.00	20.87 -0.15 0.00	19.88 -0.18 0.00	18.84 -0.15 0.00
MECO____69_KV_BK1 80468	24.94 2.57 0.00	23.08 2.27 0.00	21.34 2.05 0.00	20.06 1.96 0.00	20.16 1.96 0.00	20.68 2.10 0.00	23.99 2.76 0.00	26.29 2.75 -2.22	30.60 2.58 -6.53	30.25 2.66 -6.29	30.28 2.55 -5.96	29.94 2.42 -6.31	28.63 2.45 -5.03	28.49 2.38 -6.78	25.69 2.42 -3.75	24.52 2.40 -3.94	26.56 2.59 -5.32	29.67 2.57 -8.09	31.52 2.93 -7.33	29.90 2.97 -5.55	30.94 2.79 -6.85	25.08 2.67 -1.40	23.36 2.33 -0.97	21.26 2.15 -0.11
MENANDS_115KV_TB5 355628	22.80 0.43 0.00	21.08 0.27 0.00	19.58 0.29 0.00	18.40 0.29 0.00	18.48 0.29 0.00	18.90 0.32 0.00	21.70 0.47 0.00	24.03 0.55 -2.16	28.38 0.54 -6.36	28.02 0.53 -6.19	28.24 0.57 -5.90	28.03 0.53 -6.29	26.70 0.53 -5.03	26.60 0.48 -6.78	23.94 0.49 -3.93	22.84 0.47 -4.18	24.68 0.50 -5.53	27.74 0.51 -8.22	29.41 0.57 -7.58	27.87 0.60 -5.89	28.63 0.58 -6.76	23.05 0.55 -1.49	21.58 0.52 -1.00	19.60 0.49 -0.11
MG INDUSTRY__DRP 24185	22.95 0.58 0.00	21.23 0.42 0.00	19.70 0.41 0.00	18.51 0.40 0.00	18.59 0.40 0.00	19.01 0.43 0.00	21.83 0.59 0.00	24.10 0.66 -2.12	28.35 0.62 -6.24	28.03 0.64 -6.09	28.26 0.65 -5.83	28.06 0.62 -6.23	26.77 0.63 -4.98	26.64 0.58 -6.73	24.07 0.59 -3.97	22.96 0.55 -4.24	24.77 0.58 -5.55	27.77 0.57 -8.18	29.51 0.66 -7.59	28.00 0.66 -5.95	28.60 0.64 -6.67	23.15 0.63 -1.50	21.66 0.60 -1.00	19.67 0.57 -0.11
MID__OSWEGATCHIE_HYD 23849	22.55 0.18 0.00	21.00 0.19 0.00	19.45 0.15 0.00	18.23 0.13 0.00	18.34 0.15 0.00	18.71 0.13 0.00	21.32 0.08 0.00	21.44 0.09 -0.04	21.71 0.11 -0.12	21.48 0.09 -0.10	21.94 0.09 -0.09	21.34 0.04 -0.08	21.25 0.04 -0.06	19.44 0.02 -0.08	19.47 -0.06 -0.01	18.11 -0.07 0.00	18.58 -0.09 -0.02	18.98 -0.11 -0.08	21.21 -0.09 -0.04	21.30 -0.09 0.00	21.30 -0.11 -0.10	20.91 -0.11 0.00	19.94 -0.12 -0.01	18.86 -0.13 0.00
MID__RAQUETTE_HYD 23851	22.10 -0.27 0.00	20.71 -0.10 0.00	19.16 -0.14 0.00	18.00 -0.11 0.00	18.06 -0.13 0.00	18.43 -0.15 0.00	21.02 -0.21 0.00	21.13 -0.19 0.00	21.21 -0.28 0.00	21.09 -0.21 0.00	21.57 -0.20 0.00	21.06 -0.15 0.00	21.00 -0.15 0.00	19.20 -0.14 0.00	19.37 -0.16 0.00	18.00 -0.18 0.00	18.41 -0.24 0.00	18.67 -0.34 0.00	20.85 -0.40 0.00	20.91 -0.47 0.00	20.85 -0.45 0.00	20.68 -0.34 0.00	19.74 -0.32 0.00	18.73 -0.27 0.00
MILLIKEN__1 23584	23.06 0.69 0.00	21.42 0.60 0.00	19.81 0.52 0.00	18.60 0.49 0.00	18.70 0.51 0.00	19.10 0.52 0.00	21.79 0.55 0.00	22.04 0.45 -0.27	22.90 0.60 -0.80	22.51 0.53 -0.68	22.88 0.52 -0.59	22.16 0.38 -0.57	21.92 0.34 -0.43	20.22 0.31 -0.58	19.92 0.33 -0.07	18.53 0.35 0.00	19.14 0.32 -0.17	19.90 0.36 -0.52	22.10 0.55 -0.29	22.03 0.64 -0.01	22.55 0.53 -0.72	21.48 0.46 0.00	20.48 0.38 -0.04	19.33 0.32 -0.01
MILLIKEN__2 23585	23.06 0.69 0.00	21.42 0.60 0.00	19.81 0.52 0.00	18.60 0.49 0.00	18.70 0.51 0.00	19.10 0.52 0.00	21.79 0.55 0.00	22.04 0.45 -0.27	22.90 0.60 -0.80	22.51 0.53 -0.68	22.88 0.52 -0.59	22.16 0.38 -0.57	21.92 0.34 -0.43	20.22 0.31 -0.58	19.92 0.33 -0.07	18.53 0.35 0.00	19.14 0.32 -0.17	19.90 0.36 -0.52	22.10 0.55 -0.29	22.03 0.64 -0.01	22.55 0.53 -0.72	21.48 0.46 0.00	20.48 0.38 -0.04	19.33 0.32 -0.01
MILLIKEN__DIESEL 23629	23.06 0.69 0.00	21.42 0.60 0.00	19.81 0.52 0.00	18.60 0.49 0.00	18.70 0.51 0.00	19.10 0.52 0.00	21.79 0.55 0.00	22.04 0.45 -0.27	22.90 0.60 -0.80	22.51 0.53 -0.68	22.88 0.52 -0.59	22.16 0.38 -0.57	21.92 0.34 -0.43	20.22 0.31 -0.58	19.92 0.33 -0.07	18.53 0.35 0.00	19.14 0.32 -0.17	19.90 0.36 -0.52	22.10 0.55 -0.29	22.03 0.64 -0.01	22.55 0.53 -0.72	21.48 0.46 0.00	20.48 0.38 -0.04	19.33 0.32 -0.01

MILLSEAT___LFGE 323607	22.41 0.04 0.00	21.00 0.19 0.00	19.43 0.14 0.00	18.12 0.02 0.00	18.28 0.09 0.00	18.68 0.09 0.00	20.96 -0.28 0.00	20.92 -0.60 -0.20	21.38 -0.69 -0.58	21.17 -0.62 -0.49	21.52 -0.68 -0.42	20.62 -1.00 -0.41	20.44 -1.01 -0.31	18.86 -0.89 -0.42	18.65 -0.92 -0.05	17.40 -0.78 0.00	17.89 -0.88 -0.12	18.54 -0.86 -0.38	20.47 -1.00 -0.21	20.62 -0.77 -0.01	21.06 -0.75 -0.51	20.07 -0.95 0.00	19.07 -1.02 -0.03	18.19 -0.82 -0.01
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	23.65 1.28 0.00	21.73 0.92 0.00	20.16 0.87 0.00	18.94 0.83 0.00	19.03 0.84 0.00	19.47 0.89 0.00	22.44 1.21 0.00	24.18 1.28 -1.58	27.53 1.40 -4.64	28.28 1.36 -5.62	29.24 1.39 -6.07	29.59 1.29 -7.09	28.34 1.27 -5.93	28.52 1.16 -8.02	28.30 1.17 -7.60	28.23 1.15 -8.90	29.67 1.14 -9.89	31.89 1.16 -11.72	35.52 1.34 -12.93	35.28 1.43 -12.46	29.14 1.34 -6.50	25.53 1.34 -3.18	22.98 1.26 -1.66	20.27 1.20 -0.08
MILLWOOD_13_KV_LOAD 356217	23.69 1.32 0.00	21.79 0.98 0.00	20.20 0.91 0.00	18.98 0.87 0.00	19.08 0.89 0.00	19.51 0.93 0.00	22.51 1.27 0.00	24.26 1.36 -1.58	27.59 1.46 -4.64	28.38 1.47 -5.62	29.30 1.46 -6.07	29.66 1.36 -7.09	28.40 1.33 -5.93	28.57 1.22 -8.02	28.34 1.21 -7.60	28.27 1.18 -8.90	29.71 1.17 -9.89	31.93 1.20 -11.72	35.59 1.40 -12.93	35.34 1.50 -12.46	29.20 1.41 -6.50	25.56 1.37 -3.18	23.02 1.30 -1.66	20.29 1.22 -0.08
MODEL_CITY_ENERGY 24167	21.86 -0.51 0.00	20.54 -0.27 0.00	19.00 -0.29 0.00	17.74 -0.36 0.00	17.88 -0.31 0.00	18.27 -0.32 0.00	20.45 -0.79 0.00	20.35 -1.17 -0.21	20.77 -1.33 -0.61	20.56 -1.26 -0.52	20.91 -1.31 -0.45	20.03 -1.61 -0.43	19.89 -1.59 -0.33	18.38 -1.39 -0.44	18.15 -1.42 -0.05	16.93 -1.25 0.00	17.38 -1.40 -0.13	18.01 -1.41 -0.40	19.84 -1.64 -0.22	19.93 -1.45 -0.01	20.43 -1.41 -0.54	19.48 -1.53 0.00	18.55 -1.54 -0.03	17.73 -1.27 -0.01
MODERN_LFGE___ 323580	21.86 -0.51 0.00	20.54 -0.27 0.00	19.00 -0.29 0.00	17.74 -0.36 0.00	17.88 -0.31 0.00	18.27 -0.32 0.00	20.45 -0.79 0.00	20.35 -1.17 -0.21	20.77 -1.33 -0.61	20.56 -1.26 -0.52	20.91 -1.31 -0.45	20.03 -1.61 -0.43	19.89 -1.59 -0.33	18.38 -1.39 -0.44	18.15 -1.42 -0.05	16.93 -1.25 0.00	17.38 -1.40 -0.13	18.01 -1.41 -0.40	19.84 -1.64 -0.22	19.93 -1.45 -0.01	20.43 -1.41 -0.54	19.48 -1.53 0.00	18.55 -1.54 -0.03	17.73 -1.27 -0.01
MOHAWK_PAPER___DRP 24187	22.93 0.56 0.00	21.21 0.40 0.00	19.70 0.41 0.00	18.49 0.38 0.00	18.57 0.38 0.00	19.01 0.43 0.00	21.83 0.59 0.00	24.14 0.66 -2.16	28.52 0.67 -6.36	28.15 0.66 -6.19	28.37 0.70 -5.91	28.16 0.66 -6.29	26.83 0.66 -5.03	26.72 0.60 -6.78	24.05 0.61 -3.93	22.94 0.58 -4.17	24.78 0.62 -5.52	27.85 0.63 -8.21	29.55 0.72 -7.57	27.99 0.73 -5.88	28.77 0.70 -6.77	23.17 0.67 -1.48	21.70 0.64 -1.00	19.71 0.61 -0.11
MOHICAN___35_KV_115KV_LD 80490	23.89 1.52 0.00	22.06 1.25 0.00	20.43 1.14 0.00	19.19 1.09 0.00	19.28 1.09 0.00	19.75 1.17 0.00	22.78 1.55 0.00	24.97 1.45 -2.20	29.41 1.44 -6.48	29.22 1.66 -6.26	29.46 1.74 -5.95	29.22 1.70 -6.31	27.89 1.71 -5.03	27.67 1.55 -6.79	24.74 1.41 -3.82	23.52 1.31 -4.03	25.41 1.36 -5.40	28.45 1.29 -8.14	30.28 1.59 -7.43	28.68 1.63 -5.68	29.79 1.66 -6.83	24.02 1.58 -1.43	22.49 1.44 -0.98	20.48 1.37 -0.11
MONGAUP___HYD 23641	23.60 1.23 0.00	21.75 0.94 0.00	20.16 0.87 0.00	18.92 0.82 0.00	18.92 0.73 0.00	19.31 0.72 0.00	22.27 1.04 0.00	23.75 1.13 -1.30	26.41 1.10 -3.83	21.87 1.06 0.49	19.60 1.07 3.24	16.39 1.00 5.82	16.44 0.95 5.66	12.46 0.87 7.75	4.53 0.88 15.87	-0.91 0.93 20.02	0.51 0.97 19.11	2.96 0.91 16.97	-1.37 1.17 23.79	-5.07 1.28 27.73	20.54 1.15 1.90	15.01 1.11 7.11	18.15 1.04 2.95	20.03 0.97 -0.07
MONTAUK___DIESEL 23721	25.73 3.36 0.00	23.48 2.66 0.00	21.63 2.33 0.00	20.37 2.26 0.00	20.56 2.36 0.00	20.89 2.30 0.00	24.08 2.85 0.00	25.94 3.01 -1.61	29.34 3.12 -4.74	30.30 3.37 -5.64	31.09 3.29 -6.03	31.50 3.29 -7.00	30.13 3.15 -5.83	30.12 2.90 -7.89	29.75 2.93 -7.30	29.48 2.76 -8.53	31.08 2.89 -9.54	33.74 2.97 -11.76	49.00 3.38 -24.37	36.94 3.55 -12.01	33.40 3.39 -8.72	28.49 3.32 -4.15	24.90 3.13 -1.72	21.95 2.87 -0.08
MOONROAD_115KV_HARTFLD_TB1-2 355988	23.18 0.81 0.00	21.69 0.87 0.00	20.01 0.71 0.00	18.63 0.53 0.00	18.74 0.55 0.00	19.05 0.46 0.00	21.40 0.17 0.00	20.34 -1.22 -0.24	21.44 -0.75 -0.70	21.21 -0.68 -0.60	21.54 -0.74 -0.51	20.56 -1.15 -0.50	20.38 -1.14 -0.38	18.74 -1.10 -0.51	18.37 -1.21 -0.06	17.51 -0.67 0.00	17.51 -1.29 -0.15	18.16 -1.31 -0.46	20.26 -1.25 -0.26	20.73 -0.66 -0.01	20.77 -1.15 -0.62	20.15 -0.86 0.00	19.01 -1.08 -0.04	18.13 -0.87 -0.01
MORTIMER_115KV_TB3 55949	22.39 0.02 0.00	20.83 0.02 0.00	19.29 0.00 0.00	18.05 -0.05 0.00	18.17 -0.02 0.00	18.55 -0.04 0.00	21.02 -0.21 0.00	20.99 -0.49 -0.16	21.81 -0.15 -0.48	21.57 -0.13 -0.40	21.97 -0.15 -0.35	21.19 -0.36 -0.34	21.02 -0.38 -0.26	19.35 -0.33 -0.34	19.23 -0.33 -0.04	17.76 -0.42 0.00	18.41 -0.34 -0.10	19.00 -0.32 -0.31	21.19 -0.23 -0.17	21.05 -0.34 -0.01	21.53 -0.19 -0.42	20.51 -0.50 0.00	19.54 -0.54 -0.03	18.51 -0.49 -0.01
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	23.80 1.43 0.00	21.85 1.04 0.00	20.30 1.00 0.00	19.07 0.96 0.00	19.15 0.96 0.00	19.60 1.02 0.00	22.59 1.36 0.00	24.38 1.45 -1.61	27.79 1.57 -4.73	28.46 1.53 -5.62	29.37 1.57 -6.03	29.65 1.44 -6.99	28.44 1.46 -5.83	28.54 1.31 -7.90	28.16 1.33 -7.31	28.01 1.29 -8.53	29.46 1.27 -9.54	31.72 1.29 -11.42	35.24 1.49 -12.50	34.89 1.56 -11.95	29.27 1.49 -6.48	25.57 1.51 -3.04	23.09 1.42 -1.61	20.41 1.33 -0.08
MUNSVILLE_WIND_PWR 323609	24.18 1.81 0.00	22.42 1.60 0.00	20.72 1.43 0.00	19.41 1.30 0.00	19.61 1.42 0.00	20.03 1.45 0.00	22.74 1.51 0.00	23.27 1.51 -0.44	24.43 1.65 -1.29	23.93 1.53 -1.10	24.28 1.57 -0.94	23.38 1.25 -0.91	23.04 1.20 -0.69	21.31 1.04 -0.93	20.69 1.05 -0.11	19.16 0.98 0.00	19.86 0.93 -0.28	20.88 1.03 -0.84	23.08 1.36 -0.47	23.07 1.67 -0.02	23.87 1.43 -1.15	22.32 1.30 0.00	21.21 1.08 -0.07	19.91 0.89 -0.02
N SALMON___HYD 24042	22.24 -0.13 0.00	20.85 0.04 0.00	19.27 -0.02 0.00	18.12 0.02 0.00	18.17 -0.02 0.00	18.53 -0.06 0.00	21.13 -0.11 0.00	21.06 -0.25 0.00	21.30 -0.19 0.00	21.21 -0.08 0.00	21.68 -0.09 0.00	21.09 -0.13 0.00	21.13 -0.02 0.00	19.33 0.00 0.00	19.48 -0.04 0.00	18.13 -0.05 0.00	18.57 -0.07 0.00	18.88 -0.13 0.00	21.15 -0.11 0.00	21.13 -0.26 0.00	21.04 -0.25 0.00	20.76 -0.25 0.00	19.68 -0.38 0.00	18.71 -0.28 0.00
N.AKRON___115KV_KNAPP 355671	22.41 0.04 0.00	21.00 0.19 0.00	19.43 0.14 0.00	18.14 0.04 0.00	18.28 0.09 0.00	18.68 0.09 0.00	20.96 -0.28 0.00	20.34 -1.17 -0.20	21.38 -0.69 -0.58	21.17 -0.62 -0.49	21.52 -0.67 -0.42	20.61 -1.02 -0.41	20.46 -0.99 -0.31	18.84 -0.91 -0.42	18.65 -0.92 -0.05	17.40 -0.78 0.00	17.88 -0.90 -0.12	18.52 -0.87 -0.38	20.66 -0.81 -0.21	20.60 -0.79 -0.01	21.05 -0.77 -0.52	20.07 -0.95 0.00	19.07 -1.02 -0.03	18.15 -0.85 -0.01

N.BELMOR_69_KV_BK1 55787	24.32 1.95 0.00	22.25 1.44 0.00	20.57 1.27 0.00	19.34 1.23 0.00	19.46 1.27 0.00	19.87 1.28 0.00	22.91 1.68 0.00	24.72 1.79 -1.61	28.07 1.85 -4.74	28.90 1.96 -5.64	29.67 1.87 -6.03	30.05 1.85 -6.99	28.75 1.78 -5.83	28.85 1.62 -7.89	28.48 1.66 -7.30	28.27 1.56 -8.52	29.80 1.62 -9.53	32.37 1.65 -11.70	35.67 1.89 -12.53	35.30 1.97 -11.95	31.86 1.90 -8.66	27.05 1.89 -4.14	23.62 1.85 -1.72	20.84 1.77 -0.08
N.E_GEN_SANDY PD 24062	23.09 0.72 0.00	21.31 0.50 0.00	19.79 0.50 0.00	18.60 0.49 0.00	18.68 0.49 0.00	19.12 0.54 0.00	21.96 0.72 0.00	24.07 0.81 -1.94	28.05 0.86 -5.70	28.00 0.81 -5.90	28.45 0.83 -5.85	28.43 0.79 -6.43	27.13 0.76 -5.22	27.10 0.72 -7.05	25.26 0.72 -5.02	24.47 0.69 -5.60	26.20 0.75 -6.81	28.97 0.78 -9.17	31.24 0.85 -9.13	30.14 0.90 -7.86	28.75 0.89 -6.56	23.87 0.86 -1.99	22.11 0.86 -1.19	19.93 0.83 -0.10
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	23.62 1.25 0.00	21.73 0.92 0.00	20.16 0.87 0.00	18.92 0.81 0.00	18.99 0.80 0.00	19.44 0.85 0.00	22.38 1.15 0.00	24.02 1.24 -1.46	27.09 1.31 -4.29	28.27 1.30 -5.68	29.49 1.33 -6.40	30.12 1.25 -7.66	28.85 1.23 -6.48	29.23 1.12 -8.78	29.78 1.13 -9.12	30.10 1.11 -10.81	31.47 1.10 -11.72	33.47 1.10 -13.35	37.78 1.32 -15.21	37.88 1.39 -15.11	29.31 1.32 -6.69	26.17 1.30 -3.86	23.22 1.22 -1.94	20.23 1.16 -0.08
N.QUEENS_27_KV_LOAD 356247	23.72 1.36 0.02	21.77 0.98 0.02	20.20 0.93 0.02	19.00 0.91 0.02	19.07 0.89 0.02	19.55 0.98 0.02	22.53 1.32 0.02	24.32 1.41 -1.59	27.78 1.57 -4.72	28.42 1.51 -5.61	29.36 1.57 -6.02	29.63 1.44 -6.98	28.43 1.46 -5.82	28.53 1.31 -7.88	28.15 1.33 -7.30	28.00 1.29 -8.53	29.42 1.25 -9.52	31.67 1.26 -11.40	35.18 1.45 -12.48	34.85 1.52 -11.95	29.23 1.47 -6.46	25.58 1.53 -3.03	23.03 1.38 -1.59	20.35 1.29 -0.07
N.TROY___115KV_TB1 355778	23.13 0.76 0.00	21.37 0.56 0.00	19.83 0.54 0.00	18.63 0.53 0.00	18.72 0.53 0.00	19.14 0.56 0.00	22.00 0.76 0.00	24.28 0.79 -2.17	28.72 0.84 -6.40	28.37 0.85 -6.22	28.57 0.87 -5.93	28.35 0.83 -6.31	27.01 0.82 -5.04	26.89 0.75 -6.80	24.20 0.76 -3.92	23.06 0.71 -4.17	24.93 0.76 -5.52	28.04 0.80 -8.23	29.72 0.89 -7.57	28.15 0.90 -5.87	28.98 0.89 -6.79	23.36 0.86 -1.48	21.88 0.82 -1.00	19.90 0.80 -0.11
NARROWS_GT1_1 24228	23.97 1.59 -0.01	22.03 1.21 -0.01	20.44 1.14 -0.01	19.22 1.10 -0.01	19.31 1.11 -0.01	19.72 1.13 -0.01	22.73 1.49 -0.01	24.56 1.62 -1.62	29.64 1.72 -6.43	28.59 1.66 -5.63	29.99 1.74 -6.48	29.81 1.59 -7.00	29.48 1.61 -6.73	28.71 1.47 -7.90	28.31 1.46 -7.32	28.68 1.44 -9.06	29.58 1.38 -9.55	31.88 1.44 -11.42	35.42 1.66 -12.51	35.06 1.73 -11.95	29.43 1.64 -6.49	25.75 1.68 -3.05	23.24 1.57 -1.61	20.57 1.48 -0.09
NARROWS_GT1_2 24229	23.97 1.59 -0.01	22.03 1.21 -0.01	20.44 1.14 -0.01	19.22 1.10 -0.01	19.31 1.11 -0.01	19.72 1.13 -0.01	22.73 1.49 -0.01	24.56 1.62 -1.62	29.64 1.72 -6.43	28.59 1.66 -5.63	29.99 1.74 -6.48	29.81 1.59 -7.00	29.48 1.61 -6.73	28.71 1.47 -7.90	28.31 1.46 -7.32	28.68 1.44 -9.06	29.58 1.38 -9.55	31.88 1.44 -11.42	35.42 1.66 -12.51	35.06 1.73 -11.95	29.43 1.64 -6.49	25.75 1.68 -3.05	23.24 1.57 -1.61	20.57 1.48 -0.09
NARROWS_GT1_3 24230	23.97 1.59 -0.01	22.03 1.21 -0.01	20.44 1.14 -0.01	19.22 1.10 -0.01	19.31 1.11 -0.01	19.72 1.13 -0.01	22.73 1.49 -0.01	24.56 1.62 -1.62	29.64 1.72 -6.43	28.59 1.66 -5.63	29.99 1.74 -6.48	29.81 1.59 -7.00	29.48 1.61 -6.73	28.71 1.47 -7.90	28.31 1.46 -7.32	28.68 1.44 -9.06	29.58 1.38 -9.55	31.88 1.44 -11.42	35.42 1.66 -12.51	35.06 1.73 -11.95	29.43 1.64 -6.49	25.75 1.68 -3.05	23.24 1.57 -1.61	20.57 1.48 -0.09
NARROWS_GT1_4 24231	23.97 1.59 -0.01	22.03 1.21 -0.01	20.44 1.14 -0.01	19.22 1.10 -0.01	19.31 1.11 -0.01	19.72 1.13 -0.01	22.73 1.49 -0.01	24.56 1.62 -1.62	29.64 1.72 -6.43	28.59 1.66 -5.63	29.99 1.74 -6.48	29.81 1.59 -7.00	29.48 1.61 -6.73	28.71 1.47 -7.90	28.31 1.46 -7.32	28.68 1.44 -9.06	29.58 1.38 -9.55	31.88 1.44 -11.42	35.42 1.66 -12.51	35.06 1.73 -11.95	29.43 1.64 -6.49	25.75 1.68 -3.05	23.24 1.57 -1.61	20.57 1.48 -0.09
NARROWS_GT1_5 24232	23.97 1.59 -0.01	22.03 1.21 -0.01	20.44 1.14 -0.01	19.22 1.10 -0.01	19.31 1.11 -0.01	19.72 1.13 -0.01	22.73 1.49 -0.01	24.56 1.62 -1.62	29.64 1.72 -6.43	28.59 1.66 -5.63	29.99 1.74 -6.48	29.81 1.59 -7.00	29.48 1.61 -6.73	28.71 1.47 -7.90	28.31 1.46 -7.32	28.68 1.44 -9.06	29.58 1.38 -9.55	31.88 1.44 -11.42	35.42 1.66 -12.51	35.06 1.73 -11.95	29.43 1.64 -6.49	25.75 1.68 -3.05	23.24 1.57 -1.61	20.57 1.48 -0.09
NARROWS_GT1_6 24233	23.97 1.59 -0.01	22.03 1.21 -0.01	20.44 1.14 -0.01	19.22 1.10 -0.01	19.31 1.11 -0.01	19.72 1.13 -0.01	22.73 1.49 -0.01	24.56 1.62 -1.62	29.64 1.72 -6.43	28.59 1.66 -5.63	29.99 1.74 -6.48	29.81 1.59 -7.00	29.48 1.61 -6.73	28.71 1.47 -7.90	28.31 1.46 -7.32	28.68 1.44 -9.06	29.58 1.38 -9.55	31.88 1.44 -11.42	35.42 1.66 -12.51	35.06 1.73 -11.95	29.43 1.64 -6.49	25.75 1.68 -3.05	23.24 1.57 -1.61	20.57 1.48 -0.09
NARROWS_GT1_7 24234	23.97 1.59 -0.01	22.03 1.21 -0.01	20.44 1.14 -0.01	19.22 1.10 -0.01	19.31 1.11 -0.01	19.72 1.13 -0.01	22.73 1.49 -0.01	24.56 1.62 -1.62	29.64 1.72 -6.43	28.59 1.66 -5.63	29.99 1.74 -6.48	29.81 1.59 -7.00	29.48 1.61 -6.73	28.71 1.47 -7.90	28.31 1.46 -7.32	28.68 1.44 -9.06	29.58 1.38 -9.55	31.88 1.44 -11.42	35.42 1.66 -12.51	35.06 1.73 -11.95	29.43 1.64 -6.49	25.75 1.68 -3.05	23.24 1.57 -1.61	20.57 1.48 -0.09
NARROWS_GT1_8 24235	23.97 1.59 -0.01	22.03 1.21 -0.01	20.44 1.14 -0.01	19.22 1.10 -0.01	19.31 1.11 -0.01	19.72 1.13 -0.01	22.73 1.49 -0.01	24.56 1.62 -1.62	29.64 1.72 -6.43	28.59 1.66 -5.63	29.99 1.74 -6.48	29.81 1.59 -7.00	29.48 1.61 -6.73	28.71 1.47 -7.90	28.31 1.46 -7.32	28.68 1.44 -9.06	29.58 1.38 -9.55	31.88 1.44 -11.42	35.42 1.66 -12.51	35.06 1.73 -11.95	29.43 1.64 -6.49	25.75 1.68 -3.05	23.24 1.57 -1.61	20.57 1.48 -0.09
NARROWS_GT2_1 24236	23.97 1.59 -0.01	22.03 1.21 -0.01	20.44 1.14 -0.01	19.22 1.10 -0.01	19.31 1.11 -0.01	19.72 1.13 -0.01	22.73 1.49 -0.01	24.56 1.62 -1.62	29.64 1.72 -6.43	28.59 1.66 -5.63	29.99 1.74 -6.48	29.81 1.59 -7.00	29.48 1.61 -6.73	28.71 1.47 -7.90	28.31 1.46 -7.32	28.68 1.44 -9.06	29.58 1.38 -9.55	31.88 1.44 -11.42	35.42 1.66 -12.51	35.06 1.73 -11.95	29.43 1.64 -6.49	25.75 1.68 -3.05	23.24 1.57 -1.61	20.57 1.48 -0.09
NARROWS_GT2_2 24237	23.97 1.59 -0.01	22.03 1.21 -0.01	20.44 1.14 -0.01	19.22 1.10 -0.01	19.31 1.11 -0.01	19.72 1.13 -0.01	22.73 1.49 -0.01	24.56 1.62 -1.62	29.64 1.72 -6.43	28.59 1.66 -5.63	29.99 1.74 -6.48	29.81 1.59 -7.00	29.48 1.61 -6.73	28.71 1.47 -7.90	28.31 1.46 -7.32	28.68 1.44 -9.06	29.58 1.38 -9.55	31.88 1.44 -11.42	35.42 1.66 -12.51	35.06 1.73 -11.95	29.43 1.64 -6.49	25.75 1.68 -3.05	23.24 1.57 -1.61	20.57 1.48 -0.09

NARROWS_GT2_3 24238	23.97 1.59 -0.01	22.03 1.21 -0.01	20.44 1.14 -0.01	19.22 1.10 -0.01	19.31 1.11 -0.01	19.72 1.13 -0.01	22.73 1.49 -0.01	24.56 1.62 -1.62	29.64 1.72 -6.43	28.59 1.66 -5.63	29.99 1.74 -6.48	29.81 1.59 -7.00	29.48 1.61 -6.73	28.71 1.47 -7.90	28.31 1.46 -7.32	28.68 1.44 -9.06	29.58 1.38 -9.55	31.88 1.44 -11.42	35.42 1.66 -12.51	35.06 1.73 -11.95	29.43 1.64 -6.49	25.75 1.68 -3.05	23.24 1.57 -1.61	20.57 1.48 -0.09
NARROWS_GT2_4 24239	23.97 1.59 -0.01	22.03 1.21 -0.01	20.44 1.14 -0.01	19.22 1.10 -0.01	19.31 1.11 -0.01	19.72 1.13 -0.01	22.73 1.49 -0.01	24.56 1.62 -1.62	29.64 1.72 -6.43	28.59 1.66 -5.63	29.99 1.74 -6.48	29.81 1.59 -7.00	29.48 1.61 -6.73	28.71 1.47 -7.90	28.31 1.46 -7.32	28.68 1.44 -9.06	29.58 1.38 -9.55	31.88 1.44 -11.42	35.42 1.66 -12.51	35.06 1.73 -11.95	29.43 1.64 -6.49	25.75 1.68 -3.05	23.24 1.57 -1.61	20.57 1.48 -0.09
NARROWS_GT2_5 24240	23.97 1.59 -0.01	22.03 1.21 -0.01	20.44 1.14 -0.01	19.22 1.10 -0.01	19.31 1.11 -0.01	19.72 1.13 -0.01	22.73 1.49 -0.01	24.56 1.62 -1.62	29.64 1.72 -6.43	28.59 1.66 -5.63	29.99 1.74 -6.48	29.81 1.59 -7.00	29.48 1.61 -6.73	28.71 1.47 -7.90	28.31 1.46 -7.32	28.68 1.44 -9.06	29.58 1.38 -9.55	31.88 1.44 -11.42	35.42 1.66 -12.51	35.06 1.73 -11.95	29.43 1.64 -6.49	25.75 1.68 -3.05	23.24 1.57 -1.61	20.57 1.48 -0.09
NARROWS_GT2_6 24241	23.97 1.59 -0.01	22.03 1.21 -0.01	20.44 1.14 -0.01	19.22 1.10 -0.01	19.31 1.11 -0.01	19.72 1.13 -0.01	22.73 1.49 -0.01	24.56 1.62 -1.62	29.64 1.72 -6.43	28.59 1.66 -5.63	29.99 1.74 -6.48	29.81 1.59 -7.00	29.48 1.61 -6.73	28.71 1.47 -7.90	28.31 1.46 -7.32	28.68 1.44 -9.06	29.58 1.38 -9.55	31.88 1.44 -11.42	35.42 1.66 -12.51	35.06 1.73 -11.95	29.43 1.64 -6.49	25.75 1.68 -3.05	23.24 1.57 -1.61	20.57 1.48 -0.09
NARROWS_GT2_7 24242	23.97 1.59 -0.01	22.03 1.21 -0.01	20.44 1.14 -0.01	19.22 1.10 -0.01	19.31 1.11 -0.01	19.72 1.13 -0.01	22.73 1.49 -0.01	24.56 1.62 -1.62	29.64 1.72 -6.43	28.59 1.66 -5.63	29.99 1.74 -6.48	29.81 1.59 -7.00	29.48 1.61 -6.73	28.71 1.47 -7.90	28.31 1.46 -7.32	28.68 1.44 -9.06	29.58 1.38 -9.55	31.88 1.44 -11.42	35.42 1.66 -12.51	35.06 1.73 -11.95	29.43 1.64 -6.49	25.75 1.68 -3.05	23.24 1.57 -1.61	20.57 1.48 -0.09
NARROWS_GT2_8 24243	23.97 1.59 -0.01	22.03 1.21 -0.01	20.44 1.14 -0.01	19.22 1.10 -0.01	19.31 1.11 -0.01	19.72 1.13 -0.01	22.73 1.49 -0.01	24.56 1.62 -1.62	29.64 1.72 -6.43	28.59 1.66 -5.63	29.99 1.74 -6.48	29.81 1.59 -7.00	29.48 1.61 -6.73	28.71 1.47 -7.90	28.31 1.46 -7.32	28.68 1.44 -9.06	29.58 1.38 -9.55	31.88 1.44 -11.42	35.42 1.66 -12.51	35.06 1.73 -11.95	29.43 1.64 -6.49	25.75 1.68 -3.05	23.24 1.57 -1.61	20.57 1.48 -0.09
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	23.13 0.76 0.00	21.35 0.54 0.00	19.81 0.52 0.00	18.61 0.51 0.00	18.61 0.42 0.00	18.99 0.41 0.00	21.93 0.70 0.00	24.10 0.77 -2.01	28.06 0.64 -5.92	27.82 0.64 -5.88	28.15 0.67 -5.71	28.04 0.68 -6.15	26.73 0.63 -4.95	26.57 0.56 -6.68	24.28 0.55 -4.21	23.30 0.55 -4.58	25.09 0.65 -5.79	27.91 0.61 -8.28	29.94 0.81 -7.88	28.58 0.81 -6.39	28.52 0.75 -6.47	23.32 0.69 -1.62	21.74 0.64 -1.04	19.71 0.61 -0.10
NCHELSEA_115KV_TR2 355582	23.69 1.32 0.00	21.81 1.00 0.00	20.24 0.95 0.00	18.99 0.89 0.00	19.03 0.84 0.00	19.44 0.85 0.00	22.44 1.21 0.00	24.19 1.26 -1.62	27.56 1.31 -4.76	28.21 1.32 -5.60	29.05 1.33 -5.95	29.36 1.27 -6.87	28.07 1.21 -5.72	28.18 1.10 -7.74	27.67 1.09 -7.05	27.46 1.07 -8.21	29.04 1.10 -9.29	31.28 1.08 -11.18	34.75 1.32 -12.18	34.38 1.41 -11.59	29.05 1.32 -6.43	25.25 1.28 -2.95	22.85 1.22 -1.57	20.24 1.16 -0.08
NEG CAPITAL___MECHNVIL 23645	23.55 1.18 0.00	21.75 0.94 0.00	20.16 0.87 0.00	18.94 0.83 0.00	19.03 0.84 0.00	19.47 0.89 0.00	22.40 1.17 0.00	24.73 1.21 -2.19	29.12 1.18 -6.45	28.82 1.28 -6.25	29.04 1.33 -5.94	28.80 1.27 -6.31	27.47 1.29 -5.04	27.31 1.18 -6.80	24.51 1.13 -3.85	23.33 1.07 -4.08	25.21 1.12 -5.44	28.31 1.12 -8.17	30.01 1.28 -7.48	28.43 1.30 -5.74	29.39 1.28 -6.82	23.70 1.24 -1.45	22.19 1.14 -0.99	20.21 1.10 -0.11
NEG CENTRAL_HIGH_ACRES 23767	22.06 -0.31 0.00	20.50 -0.31 0.00	18.98 -0.31 0.00	17.78 -0.33 0.00	17.88 -0.31 0.00	18.27 -0.32 0.00	20.72 -0.51 0.00	21.07 -0.41 -0.16	21.59 -0.37 -0.47	21.33 -0.36 -0.40	21.72 -0.39 -0.34	20.99 -0.55 -0.33	20.78 -0.61 -0.25	19.13 -0.54 -0.34	19.04 -0.53 -0.04	17.58 -0.60 0.00	18.23 -0.52 -0.10	18.81 -0.51 -0.30	20.87 -0.55 -0.17	20.87 -0.51 -0.01	21.27 -0.45 -0.42	20.30 -0.71 0.00	19.34 -0.74 -0.03	18.30 -0.70 -0.01
NEG CENTRAL___DRP 24199	22.73 0.36 0.00	21.12 0.31 0.00	19.54 0.25 0.00	18.32 0.22 0.00	18.43 0.24 0.00	18.82 0.24 0.00	21.42 0.19 0.00	21.50 0.00 -0.18	22.20 0.19 -0.52	21.91 0.17 -0.44	22.28 0.13 -0.38	21.58 0.00 -0.37	21.38 -0.04 -0.28	19.65 -0.06 -0.37	19.53 -0.04 -0.04	18.20 0.02 0.00	18.74 -0.02 -0.11	19.35 0.00 -0.34	21.59 0.15 -0.19	21.62 0.24 -0.01	21.89 0.13 -0.46	21.06 0.04 0.00	20.05 -0.04 -0.03	18.97 -0.04 -0.01
NEG CENTRAL___INDECK 23768	23.31 0.94 0.00	21.69 0.87 0.00	20.07 0.77 0.00	18.76 0.65 0.00	18.88 0.69 0.00	19.31 0.72 0.00	21.83 0.59 0.00	22.04 0.49 -0.23	22.60 0.43 -0.68	22.18 0.30 -0.58	22.46 0.20 -0.50	21.57 -0.13 -0.48	21.30 -0.21 -0.37	19.65 -0.17 -0.49	19.42 -0.16 -0.06	18.11 -0.07 0.00	18.72 -0.07 -0.15	19.50 0.04 -0.45	21.67 0.17 -0.25	21.84 0.45 -0.01	22.27 0.36 -0.61	21.16 0.15 0.00	20.08 -0.02 -0.04	19.01 0.00 -0.01
NEG CENTRAL___SENECA 23627	22.86 0.49 0.00	21.25 0.44 0.00	19.64 0.35 0.00	18.41 0.31 0.00	18.52 0.33 0.00	18.94 0.35 0.00	21.51 0.28 0.00	21.51 0.00 -0.19	22.32 0.26 -0.57	22.00 0.21 -0.49	22.36 0.17 -0.42	21.60 -0.02 -0.41	21.39 -0.06 -0.31	19.69 -0.06 -0.41	19.53 -0.04 -0.05	18.22 0.04 0.00	18.73 -0.04 -0.12	19.39 0.00 -0.37	21.61 0.15 -0.21	21.67 0.28 -0.01	21.96 0.15 -0.51	21.06 0.04 0.00	20.05 -0.04 -0.03	18.95 -0.06 -0.01
NEG CENTRAL___STATE_STREET 24147	22.80 0.43 0.00	21.17 0.35 0.00	19.60 0.31 0.00	18.38 0.27 0.00	18.48 0.29 0.00	18.90 0.32 0.00	21.53 0.30 0.00	21.73 0.23 -0.17	22.39 0.39 -0.51	22.07 0.34 -0.43	22.49 0.35 -0.37	21.83 0.25 -0.36	21.63 0.21 -0.27	19.88 0.17 -0.37	19.74 0.18 -0.04	18.36 0.18 0.00	18.93 0.17 -0.11	19.56 0.21 -0.33	21.80 0.36 -0.19	21.82 0.43 -0.01	22.09 0.34 -0.45	21.25 0.23 0.00	20.27 0.18 -0.03	19.14 0.13 -0.01
NEG MILLWOOD___DRP 24198	23.78 1.41 0.00	21.89 1.08 0.00	20.28 0.98 0.00	19.05 0.94 0.00	19.15 0.96 0.00	19.57 0.98 0.00	22.66 1.42 0.00	24.49 1.51 -1.66	27.94 1.57 -4.88	28.58 1.66 -5.62	29.23 1.55 -5.92	29.48 1.48 -6.79	28.19 1.42 -5.63	28.23 1.28 -7.62	27.51 1.25 -6.74	27.20 1.22 -7.81	28.75 1.21 -8.89	31.12 1.26 -10.85	34.46 1.51 -11.70	34.02 1.63 -11.01	29.22 1.49 -6.43	25.20 1.39 -2.80	22.93 1.36 -1.51	20.33 1.25 -0.09

NEG NORTH_FLCN_SEA 23793	22.28 -0.09 0.00	20.90 0.08 0.00	19.31 0.02 0.00	18.18 0.07 0.00	18.21 0.02 0.00	18.55 -0.04 0.00	21.13 -0.11 0.00	21.17 -0.15 0.00	21.27 -0.21 0.00	21.17 -0.13 0.00	21.60 -0.17 0.00	20.96 -0.25 0.00	21.04 -0.11 0.00	19.33 0.00 0.00	19.44 -0.08 0.00	18.11 -0.07 0.00	18.55 -0.09 0.00	18.88 -0.13 0.00	21.11 -0.15 0.00	21.13 -0.26 0.00	21.06 -0.23 0.00	20.76 -0.25 0.00	19.66 -0.40 0.00	18.71 -0.28 0.00
NEG NORTH_KES_CHATEGAY 23792	22.12 -0.25 0.00	20.75 -0.06 0.00	19.20 -0.10 0.00	18.05 -0.05 0.00	18.10 -0.09 0.00	18.43 -0.15 0.00	21.02 -0.21 0.00	21.08 -0.23 0.00	21.15 -0.34 0.00	21.04 -0.26 0.00	21.47 -0.30 0.00	20.87 -0.34 0.00	20.94 -0.21 0.00	19.22 -0.12 0.00	19.33 -0.20 0.00	17.98 -0.20 0.00	18.44 -0.21 0.00	18.77 -0.25 0.00	20.96 -0.30 0.00	20.98 -0.41 0.00	20.91 -0.38 0.00	20.64 -0.38 0.00	19.56 -0.50 0.00	18.61 -0.38 0.00
NEG NORTH___ALICE_FALLS 23915	22.28 -0.09 0.00	20.90 0.08 0.00	19.31 0.02 0.00	18.18 0.07 0.00	18.21 0.02 0.00	18.55 -0.04 0.00	21.15 -0.08 0.00	21.17 -0.15 0.00	21.30 -0.19 0.00	21.19 -0.11 0.00	21.64 -0.13 0.00	21.00 -0.21 0.00	21.06 -0.08 0.00	19.35 0.02 0.00	19.48 -0.04 0.00	18.13 -0.05 0.00	18.59 -0.06 0.00	18.92 -0.10 0.00	21.15 -0.11 0.00	21.17 -0.21 0.00	21.09 -0.21 0.00	20.76 -0.25 0.00	19.64 -0.42 0.00	18.71 -0.28 0.00
NEG NORTH___LWR_SARANAC 23913	22.28 -0.09 0.00	20.90 0.08 0.00	19.31 0.02 0.00	18.18 0.07 0.00	18.21 0.02 0.00	18.55 -0.04 0.00	21.15 -0.08 0.00	21.17 -0.15 0.00	21.30 -0.19 0.00	21.19 -0.11 0.00	21.64 -0.13 0.00	21.00 -0.21 0.00	21.06 -0.08 0.00	19.35 0.02 0.00	19.48 -0.04 0.00	18.13 -0.05 0.00	18.59 -0.06 0.00	18.92 -0.10 0.00	21.15 -0.11 0.00	21.17 -0.21 0.00	21.09 -0.21 0.00	20.76 -0.25 0.00	19.64 -0.42 0.00	18.71 -0.28 0.00
NEG NORTH___PLATTSBURG 23628	22.28 -0.09 0.00	20.90 0.08 0.00	19.31 0.02 0.00	18.18 0.07 0.00	18.21 0.02 0.00	18.55 -0.04 0.00	21.15 -0.08 0.00	21.04 -0.28 0.00	21.30 -0.19 0.00	21.19 -0.11 0.00	21.64 -0.13 0.00	21.00 -0.21 0.00	21.10 -0.04 0.00	19.35 0.02 0.00	19.48 -0.04 0.00	18.13 -0.05 0.00	18.59 -0.06 0.00	18.92 -0.09 0.00	21.19 -0.06 0.00	21.17 -0.21 0.00	21.09 -0.21 0.00	20.76 -0.25 0.00	19.64 -0.42 0.00	18.71 -0.28 0.00
NEG WEST_LEA_LOCKPORT 23791	22.10 -0.27 0.00	20.75 -0.06 0.00	19.20 -0.10 0.00	17.93 -0.18 0.00	18.06 -0.13 0.00	18.43 -0.15 0.00	20.68 -0.55 0.00	19.93 -1.60 -0.20	20.97 -1.12 -0.60	20.79 -1.02 -0.51	21.12 -1.09 -0.44	20.24 -1.40 -0.43	20.14 -1.33 -0.32	18.55 -1.22 -0.43	18.32 -1.25 -0.05	17.13 -1.05 0.00	17.55 -1.23 -0.13	18.17 -1.24 -0.39	20.24 -1.23 -0.22	20.17 -1.22 -0.01	20.64 -1.19 -0.54	19.71 -1.30 0.00	18.75 -1.34 -0.03	17.90 -1.10 -0.01
NEG WEST___LANCASTR 23811	23.02 0.65 0.00	21.56 0.75 0.00	19.91 0.62 0.00	18.60 0.49 0.00	18.74 0.55 0.00	19.16 0.58 0.00	21.53 0.30 0.00	19.66 -1.90 -0.24	20.64 -1.55 -0.69	20.46 -1.43 -0.59	20.77 -1.50 -0.51	19.90 -1.80 -0.49	19.76 -1.76 -0.37	18.23 -1.60 -0.50	17.94 -1.64 -0.06	17.78 -0.40 0.00	17.21 -1.59 -0.15	17.87 -1.60 -0.45	19.87 -1.64 -0.25	21.01 -0.38 -0.01	20.34 -1.58 -0.62	20.51 -0.50 0.00	19.37 -0.72 -0.04	18.65 -0.36 -0.01
NEG_PENN_ALLEGHNY 23528	22.91 0.54 0.00	21.29 0.48 0.00	19.70 0.41 0.00	18.47 0.36 0.00	18.57 0.38 0.00	18.97 0.39 0.00	21.62 0.38 0.00	22.03 0.28 -0.43	23.03 0.26 -1.28	22.64 0.26 -1.09	22.97 0.26 -0.93	22.22 0.11 -0.91	21.92 0.08 -0.69	20.33 0.08 -0.92	19.73 0.10 -0.11	18.40 0.22 0.00	19.00 0.07 -0.27	19.94 0.10 -0.83	21.89 0.17 -0.46	21.78 0.39 -0.02	22.67 0.23 -1.14	21.29 0.27 0.00	20.33 0.20 -0.07	19.23 0.21 -0.02
NEG___GEN_MONROE 24207	22.48 0.11 0.00	20.96 0.15 0.00	19.45 0.15 0.00	18.18 0.07 0.00	18.32 0.13 0.00	18.68 0.09 0.00	21.06 -0.17 0.00	20.93 -0.55 -0.16	21.80 -0.17 -0.48	21.54 -0.17 -0.41	21.88 -0.24 -0.35	21.07 -0.49 -0.34	20.92 -0.49 -0.26	19.27 -0.41 -0.35	19.15 -0.41 -0.04	17.71 -0.47 0.00	18.32 -0.43 -0.10	18.93 -0.40 -0.31	21.11 -0.32 -0.18	21.00 -0.38 -0.01	21.45 -0.28 -0.43	20.43 -0.59 0.00	19.48 -0.60 -0.03	18.47 -0.53 -0.01
NEPA___ENERGY 23901	22.71 0.34 0.00	21.25 0.44 0.00	19.64 0.35 0.00	18.34 0.24 0.00	18.46 0.27 0.00	18.88 0.30 0.00	21.23 0.00 0.00	20.28 -1.28 -0.24	21.27 -0.92 -0.71	21.07 -0.83 -0.60	21.42 -0.87 -0.52	20.53 -1.19 -0.50	20.36 -1.16 -0.38	18.78 -1.06 -0.51	18.53 -1.05 -0.06	17.64 -0.55 0.00	17.75 -1.04 -0.15	18.41 -1.06 -0.46	20.47 -1.04 -0.26	20.83 -0.56 -0.01	20.97 -0.96 -0.63	20.34 -0.67 0.00	19.29 -0.80 -0.04	18.40 -0.61 -0.01
NEVERSINK___HYD 23608	23.80 1.43 0.00	21.92 1.10 0.00	20.31 1.02 0.00	19.07 0.96 0.00	19.08 0.89 0.00	19.46 0.87 0.00	22.44 1.21 0.00	23.96 1.30 -1.34	26.73 1.29 -3.95	26.15 1.23 -3.62	26.35 1.26 -3.32	25.81 1.19 -3.41	24.94 1.12 -2.67	23.94 1.00 -3.60	22.04 1.03 -1.49	20.63 1.04 -1.42	21.94 1.06 -2.23	23.99 1.05 -3.93	25.76 1.32 -3.18	24.79 1.43 -1.97	26.50 1.32 -3.88	22.81 1.30 -0.49	21.71 1.22 -0.43	20.18 1.12 -0.07
NEWKRMKL_115KV_TB1 55635	22.73 0.36 0.00	21.00 0.19 0.00	19.51 0.21 0.00	18.31 0.20 0.00	18.41 0.22 0.00	18.82 0.24 0.00	21.64 0.40 0.00	23.97 0.49 -2.16	28.30 0.45 -6.36	27.95 0.47 -6.19	28.15 0.48 -5.90	27.94 0.45 -6.28	26.63 0.47 -5.02	26.53 0.43 -6.77	23.86 0.43 -3.91	22.73 0.40 -4.15	24.57 0.43 -5.50	27.64 0.44 -8.19	29.29 0.49 -7.54	27.72 0.49 -5.85	28.55 0.49 -6.76	22.93 0.44 -1.48	21.48 0.42 -1.00	19.51 0.40 -0.11
NEWTON___FALLS_HYD 23847	22.55 0.18 0.00	21.00 0.19 0.00	19.45 0.15 0.00	18.23 0.13 0.00	18.34 0.15 0.00	18.71 0.13 0.00	21.32 0.08 0.00	21.44 0.09 -0.04	21.71 0.11 -0.12	21.48 0.09 -0.10	21.94 0.09 -0.09	21.34 0.04 -0.08	21.25 0.04 -0.06	19.44 0.02 -0.08	19.47 -0.06 -0.01	18.11 -0.07 0.00	18.58 -0.09 -0.02	18.98 -0.11 -0.08	21.21 -0.09 -0.04	21.30 -0.09 0.00	21.30 -0.11 -0.10	20.91 -0.11 0.00	19.94 -0.12 -0.01	18.86 -0.13 0.00
NGRID_A1_DSASP 323792	21.63 -0.74 0.00	20.27 -0.54 0.00	18.75 -0.54 0.00	17.51 -0.60 0.00	17.65 -0.55 0.00	18.03 -0.56 0.00	20.24 -1.00 0.00	20.21 -1.32 -0.21	20.60 -1.50 -0.62	20.42 -1.41 -0.53	20.76 -1.46 -0.45	19.89 -1.76 -0.44	19.77 -1.71 -0.33	18.27 -1.51 -0.45	18.05 -1.52 -0.05	16.78 -1.40 0.00	17.27 -1.51 -0.13	17.90 -1.52 -0.40	19.69 -1.79 -0.23	19.72 -1.67 -0.01	20.29 -1.55 -0.55	19.29 -1.72 0.00	18.37 -1.73 -0.03	17.58 -1.42 -0.01
NGRID_A2_DSASP 323793	21.63 -0.74 0.00	20.27 -0.54 0.00	18.75 -0.54 0.00	17.51 -0.60 0.00	17.65 -0.55 0.00	18.03 -0.56 0.00	20.24 -1.00 0.00	20.21 -1.32 -0.21	20.60 -1.50 -0.62	20.42 -1.41 -0.53	20.76 -1.46 -0.45	19.89 -1.76 -0.44	19.77 -1.71 -0.33	18.27 -1.51 -0.45	18.05 -1.52 -0.05	16.78 -1.40 0.00	17.27 -1.51 -0.13	17.90 -1.52 -0.40	19.69 -1.79 -0.23	19.72 -1.67 -0.01	20.29 -1.55 -0.55	19.29 -1.72 0.00	18.37 -1.73 -0.03	17.58 -1.42 -0.01

NGRID_A4_DSASP 323807	21.63 -0.74 0.00	20.27 -0.54 0.00	18.75 -0.54 0.00	17.51 -0.60 0.00	17.64 -0.55 0.00	18.03 -0.56 0.00	20.24 -1.00 0.00	19.57 -1.96 -0.21	20.63 -1.48 -0.62	20.42 -1.41 -0.53	20.76 -1.46 -0.45	19.91 -1.74 -0.44	19.81 -1.67 -0.33	18.27 -1.51 -0.45	18.05 -1.52 -0.05	16.78 -1.40 0.00	17.27 -1.51 -0.13	17.90 -1.52 -0.40	19.91 -1.57 -0.23	19.70 -1.69 -0.01	20.29 -1.55 -0.55	19.29 -1.72 0.00	18.39 -1.70 -0.03	17.54 -1.46 -0.01
NIAGARA_115E_LBMP 323715	21.72 -0.65 0.00	20.44 -0.37 0.00	18.91 -0.39 0.00	17.65 -0.45 0.00	17.79 -0.40 0.00	18.17 -0.41 0.00	20.32 -0.91 0.00	20.23 -1.30 -0.21	20.64 -1.46 -0.62	20.46 -1.36 -0.52	20.78 -1.44 -0.45	19.91 -1.74 -0.44	19.79 -1.69 -0.33	18.27 -1.51 -0.45	18.05 -1.52 -0.05	16.84 -1.35 0.00	17.29 -1.49 -0.13	17.92 -1.50 -0.40	19.71 -1.76 -0.22	19.81 -1.58 -0.01	20.31 -1.53 -0.55	19.35 -1.66 0.00	18.43 -1.66 -0.03	17.64 -1.37 -0.01
NIAGARA_115W_LBMP 323714	21.57 -0.80 0.00	20.23 -0.58 0.00	18.69 -0.60 0.00	17.47 -0.63 0.00	17.59 -0.60 0.00	17.97 -0.61 0.00	20.19 -1.04 0.00	20.16 -1.36 -0.21	20.56 -1.55 -0.62	20.38 -1.45 -0.53	20.72 -1.50 -0.45	19.85 -1.80 -0.44	19.72 -1.75 -0.33	18.21 -1.57 -0.45	17.99 -1.58 -0.05	16.73 -1.46 0.00	17.23 -1.55 -0.13	17.84 -1.58 -0.40	19.65 -1.83 -0.23	19.66 -1.73 -0.01	20.25 -1.60 -0.55	19.23 -1.79 0.00	18.33 -1.77 -0.03	17.52 -1.48 -0.01
NIAGARA_230_LBMP 323716	21.88 -0.49 0.00	20.52 -0.29 0.00	18.96 -0.33 0.00	17.73 -0.38 0.00	17.86 -0.33 0.00	18.23 -0.35 0.00	20.49 -0.74 0.00	20.44 -1.09 -0.21	20.86 -1.25 -0.61	20.65 -1.17 -0.52	21.00 -1.22 -0.45	20.14 -1.51 -0.44	20.00 -1.48 -0.33	18.48 -1.30 -0.44	18.27 -1.31 -0.05	17.00 -1.18 0.00	17.47 -1.31 -0.13	18.10 -1.31 -0.40	19.95 -1.53 -0.22	20.00 -1.39 -0.01	20.54 -1.30 -0.55	19.56 -1.45 0.00	18.63 -1.46 -0.03	17.83 -1.18 -0.01
NIAGARA__115KV_198_GIBSON 55903	21.56 -0.81 0.00	20.23 -0.58 0.00	18.69 -0.60 0.00	17.47 -0.63 0.00	17.61 -0.58 0.00	17.97 -0.61 0.00	20.19 -1.04 0.00	19.53 -2.00 -0.21	20.56 -1.55 -0.62	20.38 -1.45 -0.53	20.72 -1.50 -0.45	19.85 -1.80 -0.44	19.77 -1.71 -0.33	18.23 -1.55 -0.45	17.99 -1.58 -0.05	16.73 -1.45 0.00	17.23 -1.55 -0.13	17.84 -1.58 -0.40	19.86 -1.62 -0.23	19.66 -1.73 -0.01	20.25 -1.60 -0.55	19.23 -1.79 0.00	18.33 -1.77 -0.03	17.50 -1.50 -0.01
NIAGARA____ 23760	21.88 -0.49 0.00	20.52 -0.29 0.00	18.96 -0.33 0.00	17.73 -0.38 0.00	17.86 -0.33 0.00	18.23 -0.35 0.00	20.49 -0.74 0.00	20.44 -1.09 -0.21	20.86 -1.25 -0.62	20.65 -1.17 -0.52	21.00 -1.22 -0.45	20.14 -1.51 -0.44	20.00 -1.48 -0.33	18.48 -1.30 -0.44	18.27 -1.31 -0.05	17.00 -1.18 0.00	17.47 -1.31 -0.13	18.11 -1.31 -0.40	19.95 -1.53 -0.22	20.00 -1.39 -0.01	20.55 -1.30 -0.55	19.56 -1.45 0.00	18.63 -1.46 -0.03	17.83 -1.18 -0.01
NINE_MILE_1 23575	21.99 -0.38 0.00	20.44 -0.37 0.00	18.95 -0.35 0.00	17.76 -0.34 0.00	17.86 -0.33 0.00	18.23 -0.35 0.00	20.79 -0.45 0.00	20.98 -0.43 -0.08	21.31 -0.43 -0.25	21.08 -0.43 -0.21	21.52 -0.44 -0.18	20.90 -0.49 -0.18	20.77 -0.51 -0.13	19.05 -0.46 -0.18	19.07 -0.47 -0.02	17.74 -0.44 0.00	18.25 -0.45 -0.05	18.72 -0.46 -0.16	20.86 -0.49 -0.09	20.93 -0.45 0.00	21.07 -0.45 -0.22	20.51 -0.50 0.00	19.61 -0.46 -0.01	18.56 -0.44 0.00
NINE_MILE_2 23744	21.99 -0.38 0.00	20.44 -0.37 0.00	18.95 -0.35 0.00	17.76 -0.34 0.00	17.86 -0.33 0.00	18.23 -0.35 0.00	20.79 -0.45 0.00	20.98 -0.43 -0.08	21.31 -0.43 -0.25	21.08 -0.43 -0.21	21.52 -0.44 -0.18	20.90 -0.49 -0.18	20.77 -0.51 -0.13	19.05 -0.46 -0.18	19.07 -0.47 -0.02	17.74 -0.44 0.00	18.25 -0.45 -0.05	18.72 -0.46 -0.16	20.88 -0.47 -0.09	20.93 -0.45 0.00	21.07 -0.45 -0.22	20.51 -0.50 0.00	19.61 -0.46 -0.01	18.56 -0.44 0.00
NM_CAPITAL____DRP 24208	22.75 0.38 0.00	21.04 0.23 0.00	19.54 0.25 0.00	18.34 0.24 0.00	18.45 0.25 0.00	18.86 0.28 0.00	21.66 0.42 0.00	23.99 0.51 -2.16	28.33 0.49 -6.35	27.97 0.49 -6.18	28.17 0.50 -5.90	27.97 0.47 -6.29	26.66 0.49 -5.03	26.56 0.44 -6.78	23.91 0.45 -3.94	22.79 0.42 -4.19	24.65 0.47 -5.53	27.71 0.48 -8.22	29.37 0.53 -7.59	27.82 0.53 -5.90	28.59 0.53 -6.75	22.99 0.48 -1.49	21.54 0.48 -1.00	19.56 0.46 -0.11
NM_CENTRAL____DRP 24181	22.46 0.09 0.00	20.88 0.06 0.00	19.31 0.02 0.00	18.12 0.02 0.00	18.21 0.02 0.00	18.60 0.02 0.00	21.21 -0.02 0.00	21.36 -0.09 -0.12	21.89 0.04 -0.36	21.63 0.02 -0.31	22.05 0.02 -0.26	21.42 -0.04 -0.26	21.28 -0.06 -0.19	19.53 -0.06 -0.26	19.49 -0.06 -0.03	18.11 -0.07 0.00	18.65 -0.07 -0.08	19.17 -0.08 -0.23	21.39 0.00 -0.13	21.41 0.02 0.00	21.62 0.00 -0.32	20.93 -0.08 0.00	20.00 -0.08 -0.02	18.91 -0.09 -0.01
NM_FRONTIER____DRP 24179	21.56 -0.81 0.00	20.23 -0.58 0.00	18.69 -0.60 0.00	17.47 -0.63 0.00	17.61 -0.58 0.00	17.97 -0.61 0.00	20.19 -1.04 0.00	19.53 -2.00 -0.21	20.56 -1.55 -0.62	20.38 -1.45 -0.53	20.72 -1.50 -0.45	19.85 -1.80 -0.44	19.77 -1.71 -0.33	18.23 -1.55 -0.45	17.99 -1.58 -0.05	16.73 -1.45 0.00	17.23 -1.55 -0.13	17.84 -1.58 -0.40	19.86 -1.62 -0.23	19.66 -1.73 -0.01	20.25 -1.60 -0.55	19.23 -1.79 0.00	18.33 -1.77 -0.03	17.50 -1.50 -0.01
NM_ST_REGIS____HYD 24053	22.12 -0.25 0.00	20.73 -0.08 0.00	19.18 -0.12 0.00	18.02 -0.09 0.00	18.08 -0.11 0.00	18.45 -0.13 0.00	21.02 -0.21 0.00	21.13 -0.19 0.00	21.23 -0.26 0.00	21.11 -0.19 0.00	21.57 -0.20 0.00	21.04 -0.17 0.00	21.02 -0.13 0.00	19.22 -0.12 0.00	19.39 -0.14 0.00	18.02 -0.16 0.00	18.44 -0.21 0.00	18.71 -0.30 0.00	20.89 -0.36 0.00	20.95 -0.43 0.00	20.87 -0.43 0.00	20.68 -0.34 0.00	19.70 -0.36 0.00	18.71 -0.28 0.00
NORTHPORT____1 23551	24.32 1.95 -0.01	22.27 1.46 0.00	20.59 1.29 0.00	19.37 1.27 0.00	19.54 1.35 0.00	19.96 1.38 0.00	22.97 1.74 0.00	24.85 1.92 -1.61	28.16 1.93 -4.74	28.94 2.00 -5.64	29.60 1.81 -6.03	30.01 1.80 -7.00	28.71 1.73 -5.83	28.83 1.60 -7.89	28.47 1.64 -7.30	28.23 1.53 -8.52	29.83 1.64 -9.54	32.32 1.60 -11.70	35.86 1.76 -12.84	35.17 1.84 -11.95	31.79 1.83 -8.66	27.13 1.97 -4.14	23.70 1.93 -1.72	20.88 1.81 -0.08
NORTHPORT____2 23552	24.32 1.95 -0.01	22.27 1.46 0.00	20.59 1.29 0.00	19.37 1.27 0.00	19.54 1.35 0.00	19.96 1.38 0.00	22.97 1.74 0.00	24.85 1.92 -1.61	28.16 1.93 -4.74	28.94 2.00 -5.64	29.60 1.81 -6.03	30.01 1.80 -7.00	28.71 1.73 -5.83	28.83 1.60 -7.89	28.47 1.64 -7.30	28.23 1.53 -8.52	29.83 1.64 -9.54	32.32 1.60 -11.70	35.86 1.76 -12.84	35.17 1.84 -11.95	31.79 1.83 -8.66	27.13 1.97 -4.14	23.70 1.93 -1.72	20.88 1.81 -0.08
NORTHPORT____3 23553	24.35 1.97 -0.01	22.27 1.46 0.00	20.59 1.29 0.00	19.36 1.25 0.00	19.52 1.33 0.00	19.94 1.36 0.00	22.93 1.70 0.00	24.83 1.90 -1.61	28.16 1.93 -4.74	28.96 2.02 -5.64	29.47 1.68 -6.03	29.87 1.66 -7.00	28.58 1.61 -5.83	28.69 1.47 -7.89	28.31 1.48 -7.30	28.10 1.40 -8.52	29.66 1.47 -9.54	32.33 1.62 -11.70	34.60 1.87 -11.48	35.33 2.01 -11.94	31.81 1.85 -8.66	26.88 1.72 -4.14	23.66 1.88 -1.72	20.86 1.78 -0.08

NORTHPORT___4 23650	24.35 1.97 -0.01	22.27 1.46 0.00	20.59 1.29 0.00	19.36 1.25 0.00	19.52 1.33 0.00	19.94 1.36 0.00	22.93 1.70 0.00	24.83 1.90 -1.61	28.16 1.93 -4.74	28.96 2.02 -5.64	29.47 1.68 -6.03	29.87 1.66 -7.00	28.58 1.61 -5.83	28.69 1.47 -7.89	28.31 1.48 -7.30	28.10 1.40 -8.52	29.66 1.47 -9.54	32.33 1.62 -11.70	34.60 1.87 -11.48	35.33 2.01 -11.94	31.81 1.85 -8.66	26.88 1.72 -4.14	23.66 1.88 -1.72	20.86 1.78 -0.08
NORTHPORT___IC 23718	24.32 1.95 -0.01	22.27 1.46 0.00	20.59 1.29 0.00	19.37 1.27 0.00	19.54 1.35 0.00	19.96 1.38 0.00	22.97 1.74 0.00	24.85 1.92 -1.61	28.16 1.93 -4.74	28.94 2.00 -5.64	29.60 1.81 -6.03	30.01 1.80 -7.00	28.71 1.73 -5.83	28.83 1.60 -7.89	28.47 1.64 -7.30	28.23 1.53 -8.52	29.83 1.64 -9.54	32.32 1.60 -11.70	35.86 1.76 -12.84	35.17 1.84 -11.95	31.79 1.83 -8.66	27.13 1.97 -4.14	23.70 1.93 -1.72	20.88 1.81 -0.08
NORTH___COUNTRY_ESR 323785	22.08 -0.29 0.00	20.71 -0.10 0.00	19.16 -0.13 0.00	18.02 -0.09 0.00	18.06 -0.13 0.00	18.40 -0.19 0.00	20.98 -0.25 0.00	20.89 -0.43 0.00	21.10 -0.39 0.00	21.00 -0.30 0.00	21.42 -0.35 0.00	20.83 -0.38 0.00	20.94 -0.21 0.00	19.16 -0.17 0.00	19.27 -0.25 0.00	17.93 -0.25 0.00	18.39 -0.26 0.00	18.71 -0.30 0.00	20.94 -0.32 0.00	20.91 -0.47 0.00	20.85 -0.45 0.00	20.59 -0.42 0.00	19.52 -0.54 0.00	18.56 -0.44 0.00
NPX_GEN_1385_PROXY 323591	23.90 1.52 -0.01	22.02 1.21 0.00	20.41 1.12 0.00	19.21 1.10 0.00	19.37 1.18 0.00	19.79 1.21 0.00	22.93 1.70 0.00	24.72 1.79 -1.61	27.88 1.65 -4.74	28.60 1.66 -5.64	28.90 1.20 -5.93	28.00 1.21 -5.58	28.00 1.14 -5.71	27.43 1.04 -7.05	28.00 1.17 -7.30	27.60 1.00 -8.42	29.40 1.21 -9.54	32.05 1.33 -11.70	35.50 1.40 -12.84	33.68 1.22 -11.08	31.43 1.47 -8.66	26.97 1.81 -4.14	23.48 1.70 -1.72	20.75 1.67 -0.08
NPX_GEN_CSC 323557	24.88 2.50 -0.01	22.75 1.94 0.00	20.99 1.70 0.00	19.77 1.66 0.00	19.94 1.75 0.00	20.37 1.78 0.00	23.38 2.14 0.00	25.30 2.37 -1.61	28.63 2.41 -4.74	29.45 2.51 -5.64	30.17 2.37 -6.03	30.60 2.38 -7.01	29.24 2.26 -5.83	29.31 2.09 -7.89	28.97 2.15 -7.30	28.73 2.02 -8.53	30.34 2.14 -9.55	32.94 2.17 -11.76	48.04 2.44 -24.34	35.95 2.56 -12.01	32.51 2.49 -8.72	27.67 2.50 -4.15	24.18 2.41 -1.72	21.30 2.22 -0.08
NSINS_S_GLNS_FALLS 23858	23.94 1.57 0.00	22.10 1.29 0.00	20.47 1.18 0.00	19.21 1.10 0.00	19.32 1.13 0.00	19.77 1.19 0.00	22.83 1.59 0.00	24.99 1.47 -2.20	29.43 1.46 -6.48	29.24 1.68 -6.26	29.48 1.76 -5.95	29.27 1.74 -6.31	27.94 1.76 -5.03	27.71 1.59 -6.79	24.76 1.43 -3.81	23.53 1.33 -4.02	25.40 1.36 -5.39	28.47 1.31 -8.14	30.31 1.64 -7.42	28.70 1.65 -5.67	29.81 1.68 -6.83	24.06 1.62 -1.43	22.51 1.46 -0.98	20.49 1.39 -0.11
NUCOR_STEEL___DRP 24197	22.84 0.47 0.00	21.21 0.40 0.00	19.62 0.33 0.00	18.41 0.31 0.00	18.52 0.33 0.00	18.92 0.33 0.00	21.55 0.32 0.00	21.74 0.26 -0.17	22.37 0.39 -0.49	22.08 0.36 -0.42	22.50 0.37 -0.36	21.84 0.28 -0.35	21.64 0.23 -0.26	19.88 0.19 -0.35	19.76 0.20 -0.04	18.38 0.20 0.00	18.92 0.17 -0.11	19.53 0.19 -0.32	21.77 0.34 -0.18	21.79 0.41 -0.01	22.08 0.34 -0.44	21.25 0.23 0.00	20.29 0.20 -0.03	19.16 0.15 -0.01
NUMBER_THREE_WT_PWR 323818	22.95 0.58 0.00	21.31 0.50 0.00	19.74 0.44 0.00	18.49 0.38 0.00	18.61 0.42 0.00	18.99 0.41 0.00	21.64 0.40 0.00	21.78 0.40 -0.05	22.12 0.47 -0.16	21.82 0.38 -0.14	22.28 0.39 -0.12	21.60 0.28 -0.11	21.49 0.25 -0.09	19.64 0.19 -0.12	19.59 0.06 -0.01	18.22 0.04 0.00	18.72 0.04 -0.03	19.20 0.08 -0.10	21.50 0.19 -0.06	21.64 0.26 0.00	21.63 0.19 -0.14	21.12 0.11 0.00	20.11 0.04 -0.01	18.96 -0.04 0.00
NYISO_LBMP_REFERENCE 24008	22.37 0.00 0.00	20.81 0.00 0.00	19.29 0.00 0.00	18.11 0.00 0.00	18.19 0.00 0.00	18.58 0.00 0.00	21.23 0.00 0.00	21.32 0.00 0.00	21.49 0.00 0.00	21.30 0.00 0.00	21.77 0.00 0.00	21.21 0.00 0.00	21.15 0.00 0.00	19.33 0.00 0.00	19.52 0.00 0.00	18.18 0.00 0.00	18.65 0.00 0.00	19.02 0.00 0.00	21.25 0.00 0.00	21.38 0.00 0.00	21.30 0.00 0.00	21.01 0.00 0.00	20.06 0.00 0.00	18.99 0.00 0.00
NYPA_BRENTWD___GT 24164	24.66 2.28 -0.01	22.56 1.75 0.00	20.84 1.54 0.00	19.61 1.50 0.00	19.77 1.58 0.00	20.20 1.62 0.00	23.23 2.00 0.00	25.13 2.20 -1.61	28.44 2.21 -4.74	29.26 2.32 -5.64	29.95 2.16 -6.03	30.38 2.16 -7.00	29.05 2.07 -5.83	29.14 1.91 -7.89	28.78 1.95 -7.30	28.52 1.82 -8.53	30.13 1.94 -9.54	32.67 1.94 -11.71	38.42 2.17 -15.00	35.61 2.27 -11.96	32.19 2.21 -8.67	27.43 2.27 -4.15	23.98 2.21 -1.72	21.15 2.07 -0.08
NYPA_GOWANUS___GT5 24156	23.97 1.59 -0.01	22.03 1.21 -0.01	20.44 1.14 -0.01	19.22 1.10 -0.01	19.31 1.11 -0.01	19.72 1.13 -0.01	22.73 1.49 -0.01	24.56 1.62 -1.62	29.64 1.72 -6.43	28.59 1.66 -5.63	29.99 1.74 -6.48	29.81 1.59 -7.00	29.48 1.61 -6.73	28.71 1.47 -7.90	28.31 1.46 -7.32	28.68 1.44 -9.06	29.58 1.38 -9.55	31.88 1.44 -11.42	35.42 1.66 -12.51	35.06 1.73 -11.95	29.43 1.64 -6.49	25.75 1.68 -3.05	23.24 1.57 -1.61	20.57 1.48 -0.09
NYPA_GOWANUS___GT6 24157	23.97 1.59 -0.01	22.03 1.21 -0.01	20.44 1.14 -0.01	19.22 1.10 -0.01	19.31 1.11 -0.01	19.72 1.13 -0.01	22.73 1.49 -0.01	24.56 1.62 -1.62	29.64 1.72 -6.43	28.59 1.66 -5.63	29.99 1.74 -6.48	29.81 1.59 -7.00	29.48 1.61 -6.73	28.71 1.47 -7.90	28.31 1.46 -7.32	28.68 1.44 -9.06	29.58 1.38 -9.55	31.88 1.44 -11.42	35.42 1.66 -12.51	35.06 1.73 -11.95	29.43 1.64 -6.49	25.75 1.68 -3.05	23.24 1.57 -1.61	20.57 1.48 -0.09
NYPA_HARLEM__RVR_GT1 24160	23.68 1.32 0.01	21.78 0.98 0.01	20.21 0.93 0.01	19.00 0.90 0.01	19.11 0.93 0.01	19.52 0.95 0.01	22.52 1.30 0.01	24.37 1.45 -1.60	27.76 1.55 -4.72	28.41 1.49 -5.62	29.34 1.55 -6.02	29.62 1.42 -6.99	28.41 1.44 -5.82	28.54 1.32 -7.89	28.13 1.31 -7.30	27.98 1.27 -8.53	29.41 1.23 -9.53	31.68 1.25 -11.41	35.17 1.42 -12.49	34.82 1.50 -11.94	29.22 1.45 -6.47	25.56 1.51 -3.04	23.04 1.38 -1.60	20.36 1.29 -0.07
NYPA_HARLEM__RVR_GT2 24161	23.68 1.32 0.01	21.78 0.98 0.01	20.21 0.93 0.01	19.00 0.90 0.01	19.11 0.93 0.01	19.52 0.95 0.01	22.52 1.30 0.01	24.37 1.45 -1.60	27.76 1.55 -4.72	28.41 1.49 -5.62	29.34 1.55 -6.02	29.62 1.42 -6.99	28.41 1.44 -5.82	28.54 1.32 -7.89	28.13 1.31 -7.30	27.98 1.27 -8.53	29.41 1.23 -9.53	31.68 1.25 -11.41	35.17 1.42 -12.49	34.82 1.50 -11.94	29.22 1.45 -6.47	25.56 1.51 -3.04	23.04 1.38 -1.60	20.36 1.29 -0.07
NYPA_KENT___GT 24152	23.94 1.57 -0.01	22.01 1.19 -0.01	20.42 1.12 -0.01	19.20 1.09 -0.01	19.29 1.09 -0.01	19.71 1.11 -0.01	22.73 1.49 -0.01	24.56 1.62 -1.62	29.64 1.72 -6.43	28.59 1.66 -5.63	29.97 1.72 -6.48	29.81 1.59 -7.00	29.48 1.61 -6.73	28.69 1.45 -7.90	28.31 1.46 -7.32	28.68 1.44 -9.06	29.58 1.38 -9.55	31.87 1.43 -11.42	35.38 1.61 -12.51	35.04 1.71 -11.95	29.40 1.62 -6.49	25.73 1.66 -3.05	23.22 1.54 -1.61	20.55 1.46 -0.09

NYPA_POUCH1____GT 24155	23.99	22.05	20.46	19.24	19.33	19.74	22.75	24.58	29.69	28.61	30.01	29.83	29.50	28.73	28.33	28.70	29.61	31.92	35.44	35.11	29.45	25.77	23.26	20.59
	1.61	1.23	1.16	1.12	1.13	1.15	1.51	1.64	1.76	1.68	1.76	1.61	1.63	1.49	1.48	1.46	1.42	1.48	1.68	1.77	1.66	1.70	1.58	1.50
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-1.62	-6.43	-5.63	-6.48	-7.00	-6.73	-7.90	-7.32	-9.06	-9.55	-11.42	-12.51	-11.95	-6.49	-3.05	-1.61	-0.09
NYPA_VERNON____GT2 24162	23.94	21.99	20.40	19.18	19.29	19.71	22.73	24.56	29.64	28.59	29.95	29.78	29.46	28.69	28.29	28.66	29.58	31.85	35.34	35.00	29.38	25.71	23.22	20.53
	1.57	1.16	1.10	1.07	1.09	1.11	1.49	1.62	1.72	1.66	1.70	1.57	1.59	1.45	1.44	1.42	1.38	1.41	1.57	1.67	1.60	1.64	1.54	1.44
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-1.62	-6.43	-5.63	-6.48	-7.00	-6.73	-7.90	-7.32	-9.06	-9.55	-11.42	-12.51	-11.95	-6.49	-3.05	-1.61	-0.09
NYPA_VERNON____GT3 24163	23.94	21.99	20.40	19.18	19.29	19.71	22.73	24.56	29.64	28.59	29.95	29.78	29.46	28.69	28.29	28.66	29.58	31.85	35.34	35.00	29.38	25.71	23.22	20.53
	1.57	1.16	1.10	1.07	1.09	1.11	1.49	1.62	1.72	1.66	1.70	1.57	1.59	1.45	1.44	1.42	1.38	1.41	1.57	1.67	1.60	1.64	1.54	1.44
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-1.62	-6.43	-5.63	-6.48	-7.00	-6.73	-7.90	-7.32	-9.06	-9.55	-11.42	-12.51	-11.95	-6.49	-3.05	-1.61	-0.09
NYPA____ASTORIA_CC1 323568	23.90	21.94	20.38	19.15	19.25	19.67	22.69	24.54	29.60	28.57	29.92	29.76	29.42	28.65	28.27	28.63	29.54	31.81	35.31	34.96	29.36	25.69	23.20	20.51
	1.52	1.12	1.08	1.03	1.05	1.08	1.44	1.60	1.68	1.64	1.68	1.55	1.54	1.41	1.42	1.38	1.34	1.37	1.55	1.62	1.58	1.62	1.52	1.43
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-1.62	-6.43	-5.63	-6.48	-7.00	-6.73	-7.90	-7.32	-9.06	-9.55	-11.42	-12.51	-11.95	-6.49	-3.05	-1.61	-0.09
NYPA____ASTORIA_CC2 323569	23.90	21.94	20.38	19.15	19.25	19.67	22.69	24.54	29.60	28.57	29.92	29.76	29.42	28.65	28.27	28.63	29.54	31.81	35.31	34.96	29.36	25.69	23.20	20.51
	1.52	1.12	1.08	1.03	1.05	1.08	1.44	1.60	1.68	1.64	1.68	1.55	1.54	1.41	1.42	1.38	1.34	1.37	1.55	1.62	1.58	1.62	1.52	1.43
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-1.62	-6.43	-5.63	-6.48	-7.00	-6.73	-7.90	-7.32	-9.06	-9.55	-11.42	-12.51	-11.95	-6.49	-3.05	-1.61	-0.09
NYPA____HOLTSVILL 23794	24.64	22.52	20.80	19.59	19.76	20.18	23.19	25.08	28.42	29.22	29.93	30.34	29.01	29.10	28.74	28.51	30.10	32.69	47.53	35.65	32.21	27.42	23.94	21.11
	2.26	1.71	1.51	1.49	1.56	1.60	1.95	2.15	2.19	2.28	2.13	2.12	2.03	1.87	1.91	1.80	1.90	1.92	2.15	2.27	2.19	2.25	2.17	2.03
	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-1.61	-4.74	-5.64	-6.03	-7.01	-5.83	-7.89	-7.30	-8.53	-9.55	-11.76	-24.13	-12.01	-8.72	-4.15	-1.72	-0.08
NYPA____HELLGATE_GT1 24158	23.73	21.78	20.21	19.00	19.11	19.52	22.52	24.37	27.76	28.41	29.34	29.62	28.41	28.54	28.13	27.98	29.41	31.66	35.15	34.82	29.22	25.56	23.04	20.36
	1.36	0.98	0.93	0.90	0.93	0.95	1.30	1.45	1.55	1.49	1.55	1.42	1.44	1.32	1.31	1.27	1.23	1.24	1.40	1.50	1.45	1.51	1.38	1.29
	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-1.60	-4.72	-5.62	-6.02	-6.99	-5.82	-7.89	-7.30	-8.53	-9.53	-11.41	-12.49	-11.94	-6.47	-3.04	-1.60	-0.07
NYPA____HELLGATE_GT2 24159	23.73	21.78	20.21	19.00	19.11	19.52	22.52	24.37	27.76	28.41	29.34	29.62	28.41	28.54	28.13	27.98	29.41	31.66	35.15	34.82	29.22	25.56	23.04	20.36
	1.36	0.98	0.93	0.90	0.93	0.95	1.30	1.45	1.55	1.49	1.55	1.42	1.44	1.32	1.31	1.27	1.23	1.24	1.40	1.50	1.45	1.51	1.38	1.29
	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-1.60	-4.72	-5.62	-6.02	-6.99	-5.82	-7.89	-7.30	-8.53	-9.53	-11.41	-12.49	-11.94	-6.47	-3.04	-1.60	-0.07
NYS_BARGE____HYD 23848	22.08	20.75	19.18	17.91	18.04	18.43	20.66	20.54	20.97	20.78	21.12	20.23	20.09	18.55	18.32	17.11	17.54	18.19	20.05	20.19	20.64	19.71	18.73	17.90
	-0.29	-0.06	-0.12	-0.20	-0.15	-0.15	-0.57	-0.98	-1.12	-1.02	-1.09	-1.40	-1.37	-1.22	-1.25	-1.07	-1.23	-1.22	-1.42	-1.20	-1.19	-1.30	-1.36	-1.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.20	-0.60	-0.51	-0.44	-0.42	-0.32	-0.43	-0.05	0.00	-0.13	-0.39	-0.22	-0.01	-0.53	0.00	-0.03	-0.01
OAK ORCHARD____HYD 24046	22.39	20.83	19.29	18.05	18.17	18.55	21.02	21.33	21.82	21.58	21.97	21.19	21.00	19.35	19.23	17.76	18.41	19.00	21.09	21.04	21.53	20.51	19.52	18.51
	0.02	0.02	0.00	-0.05	-0.02	-0.04	-0.21	-0.15	-0.15	-0.13	-0.15	-0.36	-0.40	-0.33	-0.33	-0.42	-0.34	-0.32	-0.34	-0.34	-0.19	-0.50	-0.56	-0.49
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.16	-0.48	-0.40	-0.35	-0.34	-0.26	-0.34	-0.04	0.00	-0.10	-0.31	-0.17	-0.01	-0.42	0.00	-0.03	-0.01
OAKDALE__35_KV_LOAD 356122	22.82	21.21	19.62	18.40	18.50	18.90	21.55	21.77	22.94	22.53	22.85	22.14	21.85	20.27	19.65	18.33	18.94	19.87	21.85	21.70	22.56	21.20	20.25	19.15
	0.45	0.40	0.33	0.29	0.31	0.32	0.32	0.02	0.17	0.15	0.15	0.02	0.02	0.02	0.02	0.15	0.02	0.02	0.13	0.30	0.13	0.19	0.12	0.13
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.43	-1.27	-1.08	-0.93	-0.90	-0.68	-0.92	-0.11	0.00	-0.27	-0.83	-0.46	-0.02	-1.13	0.00	-0.07	-0.02
OCC_CHEM____DRP 24175	21.63	20.27	18.75	17.51	17.64	18.03	20.24	19.57	20.63	20.42	20.76	19.91	19.81	18.27	18.05	16.78	17.27	17.90	19.91	19.70	20.29	19.29	18.39	17.54
	-0.74	-0.54	-0.54	-0.60	-0.55	-0.56	-1.00	-1.96	-1.48	-1.41	-1.46	-1.74	-1.67	-1.51	-1.52	-1.40	-1.51	-1.52	-1.57	-1.69	-1.55	-1.72	-1.70	-1.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.21	-0.62	-0.53	-0.45	-0.44	-0.33	-0.45	-0.05	0.00	-0.13	-0.40	-0.23	-0.01	-0.55	0.00	-0.03	-0.01
OH_GEN_PROXY 24063	21.90	20.52	18.98	17.73	17.86	18.25	20.51	20.48	20.90	20.69	21.04	20.18	20.04	18.52	18.31	17.05	17.53	18.16	19.99	20.06	20.59	19.63	18.69	17.87
	-0.47	-0.29	-0.31	-0.38	-0.33	-0.33	-0.72	-1.04	-1.20	-1.13	-1.18	-1.46	-1.44	-1.26	-1.27	-1.13	-1.25	-1.26	-1.49	-1.33	-1.26	-1.39	-1.40	-1.14
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.21	-0.61	-0.52	-0.45	-0.44	-0.33	-0.44	-0.05	0.00	-0.13	-0.40	-0.22	-0.01	-0.55	0.00	-0.03	-0.01
OLIN_CORP_DRP 24177	21.77	20.48	18.95	17.69	17.83	18.21	20.36	19.65	20.71	20.51	20.85	19.98	19.87	18.33	18.11	16.87	17.33	17.96	19.99	19.85	20.38	19.42	18.49	17.66
	-0.60	-0.33	-0.35	-0.42	-0.36	-0.37	-0.87	-1.88	-1.40	-1.32	-1.37	-1.68	-1.61	-1.45	-1.46	-1.31	-1.45	-1.46	-1.49	-1.54	-1.47	-1.60	-1.60	-1.35
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.21	-0.62	-0.53	-0.45	-0.44	-0.33	-0.45	-0.05	0.00	-0.13	-0.41	-0.23	-0.01	-0.55	0.00	-0.03	-0.01
OLIN_CORP_DSASP 323712	21.63	20.27	18.75	17.51	17.65	18.03	20.24	20.21	20.60	20.42	20.76	19.89	19.77	18.27	18.05	16.78	17.27	17.90	19.69	19.72	20.29	19.29	18.37	17.58
	-0.74	-0.54	-0.54	-0.60	-0.55	-0.56	-1.00	-1.32	-1.50	-1.41	-1.46	-1.76	-1.71	-1.51	-1.52	-1.40	-1.51	-1.52	-1.79	-1.67	-1.55	-1.72	-1.73	-1.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.21	-0.62	-0.53	-0.45	-0.44	-0.33	-0.45	-0.05	0.00	-0.13	-0.40	-0.23	-0.01	-0.55	0.00	-0.03	-0.01

ONEIDA_HERK_LFGE 323681	22.93 0.56 0.00	21.29 0.48 0.00	19.72 0.42 0.00	18.47 0.36 0.00	18.59 0.40 0.00	18.99 0.41 0.00	21.66 0.42 0.00	21.79 0.43 -0.05	22.13 0.49 -0.14	21.87 0.45 -0.12	22.33 0.46 -0.11	21.65 0.34 -0.10	21.54 0.32 -0.08	19.71 0.27 -0.10	19.75 0.22 -0.01	18.38 0.20 0.00	18.87 0.19 -0.03	19.32 0.21 -0.09	21.63 0.32 -0.05	21.77 0.39 0.00	21.77 0.34 -0.13	21.29 0.27 0.00	20.29 0.22 -0.01	19.15 0.15 0.00
ONEIDA___115KV_TB4 55905	23.04 0.67 0.00	21.40 0.58 0.00	19.81 0.52 0.00	18.56 0.45 0.00	18.68 0.49 0.00	19.08 0.50 0.00	21.76 0.53 0.00	21.89 0.49 -0.08	22.34 0.60 -0.25	22.04 0.53 -0.21	22.50 0.54 -0.18	21.79 0.40 -0.18	21.66 0.38 -0.13	19.86 0.35 -0.18	19.89 0.35 -0.02	18.51 0.33 0.00	19.02 0.32 -0.05	19.50 0.32 -0.16	21.81 0.47 -0.09	21.92 0.53 0.00	21.99 0.47 -0.22	21.41 0.40 0.00	20.41 0.34 -0.01	19.30 0.30 0.00
ONONDAGA_REF_OCCRA 23987	22.55 0.18 0.00	20.94 0.12 0.00	19.39 0.10 0.00	18.18 0.07 0.00	18.28 0.09 0.00	18.68 0.09 0.00	21.30 0.06 0.00	21.47 0.00 -0.15	22.04 0.11 -0.44	21.76 0.09 -0.37	22.20 0.11 -0.32	21.55 0.02 -0.31	21.38 0.00 -0.24	19.65 0.00 -0.32	19.56 0.00 -0.04	18.18 0.00 0.00	18.72 -0.02 -0.09	19.30 0.00 -0.29	21.50 0.09 -0.16	21.52 0.13 -0.01	21.77 0.09 -0.39	21.04 0.02 0.00	20.08 0.00 -0.02	18.98 -0.02 -0.01
ONONDAGA___COGEN 23986	22.68 0.31 0.00	21.06 0.25 0.00	19.51 0.21 0.00	18.31 0.20 0.00	18.39 0.20 0.00	18.79 0.20 0.00	21.40 0.17 0.00	21.59 0.13 -0.14	22.15 0.26 -0.41	21.88 0.23 -0.35	22.33 0.26 -0.30	21.69 0.19 -0.29	21.51 0.15 -0.22	19.74 0.12 -0.29	19.69 0.14 -0.03	18.29 0.11 0.00	18.83 0.09 -0.09	19.39 0.11 -0.27	21.61 0.21 -0.15	21.64 0.26 -0.01	21.87 0.21 -0.36	21.14 0.13 0.00	20.20 0.12 -0.02	19.08 0.08 -0.01
ONTARIO___LFGE 23819	22.86 0.49 0.00	21.25 0.44 0.00	19.64 0.35 0.00	18.41 0.31 0.00	18.52 0.33 0.00	18.93 0.35 0.00	21.51 0.28 0.00	21.75 0.23 -0.19	22.30 0.24 -0.57	22.00 0.21 -0.49	22.36 0.17 -0.42	21.60 -0.02 -0.41	21.37 -0.08 -0.31	19.67 -0.08 -0.41	19.53 -0.04 -0.05	18.22 0.04 0.00	18.73 -0.04 -0.12	19.39 0.00 -0.37	21.55 0.09 -0.21	21.67 0.28 -0.01	21.96 0.15 -0.51	21.06 0.04 0.00	20.05 -0.04 -0.03	18.97 -0.04 -0.01
ORANGEVILLE_WT_PWR 323706	22.57 0.20 0.00	21.13 0.31 0.00	19.53 0.23 0.00	18.25 0.14 0.00	18.37 0.18 0.00	18.77 0.19 0.00	21.13 -0.11 0.00	20.93 -0.64 -0.25	21.43 -0.79 -0.74	21.20 -0.72 -0.63	21.50 -0.81 -0.54	20.61 -1.12 -0.52	20.40 -1.14 -0.40	18.82 -1.04 -0.53	18.51 -1.07 -0.06	17.45 -0.73 0.00	17.76 -1.04 -0.16	18.47 -1.03 -0.48	20.37 -1.15 -0.27	20.71 -0.69 -0.01	21.02 -0.94 -0.66	20.17 -0.84 0.00	19.18 -0.92 -0.04	18.27 -0.74 -0.01
ORANGEVILLE___ESR 323794	22.57 0.20 0.00	21.13 0.31 0.00	19.53 0.23 0.00	18.25 0.14 0.00	18.37 0.18 0.00	18.77 0.19 0.00	21.13 -0.11 0.00	20.93 -0.64 -0.25	21.43 -0.79 -0.74	21.20 -0.72 -0.63	21.50 -0.81 -0.54	20.61 -1.12 -0.52	20.40 -1.14 -0.40	18.82 -1.04 -0.53	18.51 -1.07 -0.06	17.45 -0.73 0.00	17.76 -1.04 -0.16	18.47 -1.03 -0.48	20.37 -1.15 -0.27	20.71 -0.69 -0.01	21.02 -0.94 -0.66	20.17 -0.84 0.00	19.18 -0.92 -0.04	18.27 -0.74 -0.01
OSWEGATCHIE___HYD 24044	22.55 0.18 0.00	21.00 0.19 0.00	19.45 0.15 0.00	18.23 0.13 0.00	18.34 0.14 0.00	18.71 0.13 0.00	21.32 0.09 0.00	21.40 0.04 -0.04	21.71 0.11 -0.12	21.48 0.09 -0.10	21.94 0.09 -0.09	21.34 0.04 -0.08	21.25 0.04 -0.06	19.44 0.02 -0.08	19.47 -0.06 -0.01	18.11 -0.07 0.00	18.58 -0.09 -0.02	18.98 -0.11 -0.08	21.23 -0.06 -0.04	21.30 -0.09 0.00	21.30 -0.11 -0.10	20.91 -0.10 0.00	19.95 -0.12 -0.01	18.86 -0.13 0.00
OSWEGO___5 23606	22.12 -0.25 0.00	20.56 -0.25 0.00	19.06 -0.23 0.00	17.87 -0.24 0.00	17.97 -0.22 0.00	18.34 -0.24 0.00	20.92 -0.32 0.00	21.12 -0.30 -0.10	21.47 -0.30 -0.28	21.24 -0.30 -0.24	21.67 -0.30 -0.21	21.05 -0.36 -0.20	20.92 -0.38 -0.15	19.19 -0.35 -0.20	19.20 -0.35 -0.02	17.85 -0.33 0.00	18.37 -0.34 -0.06	18.86 -0.34 -0.18	21.02 -0.34 -0.10	21.07 -0.32 0.00	21.23 -0.32 -0.25	20.64 -0.38 0.00	19.73 -0.34 -0.02	18.68 -0.32 0.00
OSWEGO___6 23613	22.12 -0.25 0.00	20.56 -0.25 0.00	19.06 -0.23 0.00	17.87 -0.24 0.00	17.97 -0.22 0.00	18.34 -0.24 0.00	20.92 -0.32 0.00	21.12 -0.30 -0.10	21.47 -0.30 -0.28	21.24 -0.30 -0.24	21.67 -0.30 -0.21	21.05 -0.36 -0.20	20.92 -0.38 -0.15	19.19 -0.35 -0.20	19.20 -0.35 -0.02	17.85 -0.33 0.00	18.37 -0.34 -0.06	18.86 -0.34 -0.18	21.02 -0.34 -0.10	21.07 -0.32 0.00	21.23 -0.32 -0.25	20.64 -0.38 0.00	19.73 -0.34 -0.02	18.68 -0.32 0.00
OUTOKUMPU-AB___DRP 24206	22.28 -0.09 0.00	20.90 0.08 0.00	19.31 0.02 0.00	18.03 -0.07 0.00	18.17 -0.02 0.00	18.56 -0.02 0.00	20.83 -0.40 0.00	20.00 -1.53 -0.21	21.06 -1.05 -0.63	20.89 -0.94 -0.53	21.23 -1.00 -0.46	20.34 -1.32 -0.44	20.24 -1.25 -0.34	18.64 -1.14 -0.45	18.40 -1.17 -0.05	17.24 -0.95 0.00	17.61 -1.17 -0.13	18.24 -1.18 -0.41	20.33 -1.15 -0.23	20.32 -1.07 -0.01	20.73 -1.13 -0.56	19.84 -1.18 0.00	18.85 -1.24 -0.03	18.00 -1.01 -0.01
OXBOW___ 24026	22.01 -0.36 0.00	20.65 -0.17 0.00	19.08 -0.21 0.00	17.82 -0.29 0.00	17.95 -0.24 0.00	18.34 -0.24 0.00	20.57 -0.66 0.00	20.47 -1.07 -0.21	20.89 -1.22 -0.62	20.70 -1.13 -0.53	21.05 -1.18 -0.45	20.17 -1.49 -0.44	20.04 -1.44 -0.33	18.49 -1.30 -0.45	18.27 -1.31 -0.05	17.04 -1.14 0.00	17.48 -1.31 -0.13	18.11 -1.31 -0.41	19.95 -1.53 -0.23	20.06 -1.33 -0.01	20.55 -1.30 -0.55	19.61 -1.41 0.00	18.65 -1.44 -0.03	17.83 -1.18 -0.01
OXY_CHEM_DSASP 323612	21.63 -0.74 0.00	20.27 -0.54 0.00	18.75 -0.54 0.00	17.51 -0.60 0.00	17.64 -0.55 0.00	18.03 -0.56 0.00	20.24 -1.00 0.00	19.57 -1.96 -0.21	20.63 -1.48 -0.62	20.42 -1.41 -0.53	20.76 -1.46 -0.45	19.91 -1.74 -0.44	19.81 -1.67 -0.33	18.27 -1.51 -0.45	18.05 -1.52 -0.05	16.78 -1.40 0.00	17.27 -1.51 -0.13	17.90 -1.52 -0.40	19.91 -1.57 -0.23	19.70 -1.69 -0.01	20.29 -1.55 -0.55	19.29 -1.72 0.00	18.39 -1.70 -0.03	17.54 -1.46 -0.01
OZONE_PARK_ESR 323760	23.98 1.61 0.00	22.00 1.19 0.00	20.41 1.12 0.00	19.19 1.09 0.00	19.26 1.07 0.00	19.73 1.15 0.00	22.76 1.53 0.00	24.55 1.62 -1.61	27.98 1.76 -4.73	28.63 1.70 -5.62	29.56 1.76 -6.03	29.82 1.61 -6.99	28.61 1.63 -5.83	28.72 1.49 -7.90	28.34 1.50 -7.31	28.19 1.47 -8.53	29.61 1.42 -9.54	31.88 1.45 -11.42	35.41 1.66 -12.50	35.06 1.73 -11.95	29.44 1.66 -6.48	25.76 1.70 -3.04	23.25 1.58 -1.61	20.54 1.46 -0.08
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	21.63 -0.74 0.00	20.27 -0.54 0.00	18.75 -0.54 0.00	17.51 -0.60 0.00	17.64 -0.55 0.00	18.03 -0.56 0.00	20.24 -1.00 0.00	19.57 -1.96 -0.21	20.63 -1.48 -0.62	20.42 -1.41 -0.53	20.76 -1.46 -0.45	19.91 -1.74 -0.44	19.81 -1.67 -0.33	18.27 -1.51 -0.45	18.05 -1.52 -0.05	16.78 -1.40 0.00	17.27 -1.51 -0.13	17.90 -1.52 -0.40	19.91 -1.57 -0.23	19.70 -1.69 -0.01	20.29 -1.55 -0.55	19.29 -1.72 0.00	18.39 -1.70 -0.03	17.54 -1.46 -0.01

PACKARD__115KV_DUPONT_184 80571	21.63 -0.74 0.00	20.27 -0.54 0.00	18.75 -0.54 0.00	17.51 -0.60 0.00	17.64 -0.55 0.00	18.03 -0.56 0.00	20.24 -1.00 0.00	19.57 -1.96 -0.21	20.63 -1.48 -0.62	20.42 -1.41 -0.53	20.76 -1.46 -0.45	19.91 -1.74 -0.44	19.81 -1.67 -0.33	18.27 -1.51 -0.45	18.05 -1.52 -0.05	16.78 -1.40 0.00	17.27 -1.51 -0.13	17.90 -1.52 -0.40	19.91 -1.57 -0.23	19.70 -1.69 -0.01	20.29 -1.55 -0.55	19.29 -1.72 0.00	18.39 -1.70 -0.03	17.54 -1.46 -0.01
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	23.80 1.43 0.00	21.84 1.04 0.02	20.28 1.00 0.02	19.07 0.98 0.02	19.14 0.96 0.02	19.61 1.04 0.02	22.58 1.36 0.02	24.36 1.45 -1.59	27.80 1.59 -4.72	28.46 1.55 -5.61	29.38 1.59 -6.02	29.65 1.46 -6.98	28.45 1.48 -5.82	28.57 1.35 -7.88	28.17 1.35 -7.30	28.02 1.31 -8.53	29.44 1.27 -9.52	31.71 1.29 -11.40	35.23 1.49 -12.48	34.89 1.56 -11.95	29.25 1.49 -6.46	25.58 1.53 -3.03	23.09 1.44 -1.59	20.41 1.35 -0.07
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	24.07 1.70 0.00	22.07 1.27 0.02	20.49 1.22 0.02	19.27 1.18 0.02	19.34 1.16 0.02	19.83 1.26 0.02	22.85 1.63 0.02	24.62 1.71 -1.59	28.06 1.85 -4.72	28.67 1.77 -5.61	29.62 1.83 -6.02	29.87 1.68 -6.98	28.66 1.69 -5.82	28.74 1.53 -7.88	28.34 1.52 -7.30	28.20 1.49 -8.53	29.61 1.44 -9.52	31.90 1.48 -11.40	35.44 1.70 -12.48	35.09 1.75 -11.95	29.44 1.68 -6.46	25.77 1.72 -3.03	23.29 1.64 -1.59	20.58 1.52 -0.07
PATROON__115KV_TB1 80586	22.77 0.40 0.00	21.06 0.25 0.00	19.54 0.25 0.00	18.36 0.25 0.00	18.46 0.27 0.00	18.88 0.30 0.00	21.68 0.45 0.00	24.04 0.55 -2.17	28.38 0.52 -6.38	28.03 0.53 -6.20	28.22 0.54 -5.91	28.01 0.51 -6.29	26.70 0.53 -5.02	26.59 0.48 -6.78	23.91 0.49 -3.90	22.78 0.45 -4.15	24.63 0.48 -5.49	27.70 0.49 -8.19	29.35 0.55 -7.54	27.78 0.56 -5.84	28.60 0.53 -6.77	22.99 0.50 -1.47	21.54 0.48 -1.00	19.56 0.46 -0.11
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	22.91 0.54 0.00	21.48 0.67 0.00	19.83 0.54 0.00	18.51 0.40 0.00	18.66 0.47 0.00	19.07 0.48 0.00	21.42 0.19 0.00	19.84 -1.71 -0.23	20.87 -1.29 -0.67	20.70 -1.17 -0.57	21.02 -1.24 -0.49	20.14 -1.55 -0.48	20.01 -1.50 -0.36	18.43 -1.39 -0.49	18.17 -1.41 -0.06	17.71 -0.47 0.00	17.41 -1.38 -0.14	18.07 -1.39 -0.44	20.10 -1.40 -0.25	20.92 -0.47 -0.01	20.56 -1.34 -0.60	20.40 -0.61 0.00	19.29 -0.80 -0.04	18.53 -0.47 -0.01
PAWLING_115_KV_BK3_REV_LBMP_H 345028	23.78 1.41 0.00	21.89 1.08 0.00	20.28 0.98 0.00	19.05 0.94 0.00	19.15 0.96 0.00	19.57 0.98 0.00	22.66 1.42 0.00	24.49 1.51 -1.66	27.94 1.57 -4.88	28.58 1.66 -5.62	29.23 1.55 -5.92	29.48 1.48 -6.79	28.19 1.42 -5.63	28.23 1.28 -7.62	27.51 1.25 -6.74	27.20 1.22 -7.81	28.75 1.21 -8.89	31.12 1.26 -10.85	34.46 1.51 -11.70	34.02 1.63 -11.01	29.22 1.49 -6.43	25.20 1.39 -2.80	22.93 1.36 -1.51	20.33 1.25 -0.09
PEEKSKILL____ 23653	23.62 1.25 0.00	21.73 0.91 0.00	20.16 0.87 0.00	18.94 0.83 0.00	19.05 0.86 0.00	19.46 0.87 0.00	22.42 1.19 0.00	24.20 1.32 -1.56	27.46 1.38 -4.59	28.27 1.36 -5.61	29.24 1.37 -6.10	29.62 1.27 -7.14	28.37 1.25 -5.98	28.57 1.14 -8.09	28.44 1.15 -7.76	28.42 1.13 -9.11	29.85 1.12 -10.08	32.04 1.14 -11.88	35.74 1.32 -13.17	35.53 1.41 -12.74	29.15 1.34 -6.51	25.59 1.32 -3.25	23.01 1.26 -1.69	20.25 1.18 -0.08
PGE MADISON__WINDPWR 24146	24.18 1.81 0.00	22.42 1.60 0.00	20.72 1.43 0.00	19.41 1.30 0.00	19.61 1.42 0.00	20.03 1.45 0.00	22.74 1.51 0.00	23.27 1.51 -0.44	24.43 1.65 -1.29	23.93 1.53 -1.10	24.28 1.57 -0.94	23.38 1.25 -0.91	23.04 1.20 -0.69	21.31 1.04 -0.93	20.69 1.05 -0.11	19.16 0.98 0.00	19.86 0.93 -0.28	20.88 1.03 -0.84	23.08 1.36 -0.47	23.07 1.67 -0.02	23.87 1.43 -1.15	22.32 1.30 0.00	21.21 1.08 -0.07	19.91 0.89 -0.02
PIERCEFIELD__HYD 23852	22.10 -0.27 0.00	20.71 -0.10 0.00	19.16 -0.14 0.00	18.00 -0.11 0.00	18.06 -0.13 0.00	18.43 -0.15 0.00	21.02 -0.21 0.00	21.13 -0.19 0.00	21.21 -0.28 0.00	21.09 -0.21 0.00	21.57 -0.20 0.00	21.06 -0.15 0.00	21.00 -0.15 0.00	19.20 -0.14 0.00	19.37 -0.16 0.00	18.00 -0.18 0.00	18.41 -0.24 0.00	18.67 -0.34 0.00	20.85 -0.40 0.00	20.91 -0.47 0.00	20.85 -0.45 0.00	20.68 -0.34 0.00	19.74 -0.32 0.00	18.73 -0.27 0.00
PINELAWN_CC_1 323563	24.50 2.13 -0.01	22.39 1.58 0.00	20.68 1.39 0.00	19.47 1.36 0.00	19.61 1.42 0.00	20.03 1.45 0.00	23.06 1.83 0.00	24.93 2.00 -1.61	28.27 2.04 -4.74	29.07 2.13 -5.64	29.78 1.98 -6.03	30.16 1.95 -7.00	28.86 1.88 -5.83	28.96 1.74 -7.89	28.60 1.78 -7.30	28.38 1.67 -8.52	29.96 1.77 -9.54	32.51 1.79 -11.71	36.57 2.02 -13.30	35.47 2.14 -11.95	32.03 2.07 -8.67	27.22 2.06 -4.14	23.80 2.03 -1.72	21.00 1.92 -0.08
PJM_GEN_HTP_PROXY 323702	23.80 1.43 0.00	21.83 1.02 0.00	20.28 0.98 0.00	19.07 0.96 0.00	19.15 0.96 0.00	19.57 0.98 0.00	22.57 1.34 0.00	24.42 1.49 -1.61	27.79 1.57 -4.73	28.44 1.51 -5.62	29.37 1.57 -6.03	29.65 1.44 -6.99	28.44 1.46 -5.83	28.56 1.33 -7.90	28.16 1.33 -7.31	28.03 1.31 -8.54	29.46 1.27 -9.54	31.71 1.27 -11.42	35.20 1.45 -12.50	34.87 1.54 -11.95	29.25 1.47 -6.48	25.57 1.51 -3.05	23.09 1.42 -1.61	20.41 1.33 -0.08
PJM_GEN_KEystone 24065	22.95 0.58 0.00	21.27 0.46 0.00	19.70 0.41 0.00	18.45 0.34 0.00	18.55 0.36 0.00	18.97 0.39 0.00	21.64 0.40 0.00	22.42 0.19 -0.91	24.32 0.15 -2.68	24.75 0.17 -3.28	25.49 0.15 -3.57	25.37 -0.02 -4.18	24.63 -0.02 -3.50	24.07 0.00 -4.74	24.10 0.02 -4.56	23.75 0.22 -5.35	24.58 0.02 -5.92	26.00 0.02 -6.96	29.00 0.02 -7.73	29.19 0.32 -7.48	25.25 0.15 -3.80	23.15 0.23 -1.91	21.23 0.18 -0.99	19.27 0.23 -0.05
PJM_GEN_NEPTUNE_PROXY 323594	24.12 1.75 -0.01	22.08 1.27 0.00	20.41 1.12 0.00	19.19 1.09 0.00	19.34 1.15 0.00	19.75 1.17 0.00	22.74 1.51 0.00	24.61 1.68 -1.61	27.96 1.74 -4.74	28.73 1.79 -5.64	29.45 1.65 -6.03	29.85 1.63 -7.00	28.56 1.59 -5.83	28.67 1.45 -7.89	28.29 1.46 -7.30	28.09 1.38 -8.52	29.64 1.46 -9.54	32.18 1.46 -11.70	35.44 1.66 -12.53	35.11 1.77 -11.95	31.64 1.68 -8.66	26.86 1.70 -4.14	23.44 1.66 -1.72	20.69 1.61 -0.08
PJM_GEN_VFT_PROXY 323633	23.69 1.32 0.00	21.73 0.91 0.00	20.20 0.91 0.00	18.98 0.87 0.00	19.08 0.89 0.00	19.49 0.91 0.00	22.51 1.27 0.00	24.36 1.43 -1.61	27.73 1.50 -4.73	28.37 1.45 -5.62	29.30 1.50 -6.03	29.58 1.38 -6.99	28.37 1.40 -5.83	28.48 1.26 -7.90	28.10 1.27 -7.31	27.97 1.25 -8.54	29.40 1.21 -9.54	31.61 1.18 -11.42	35.12 1.36 -12.50	34.77 1.43 -11.95	29.18 1.41 -6.48	25.51 1.45 -3.04	23.03 1.36 -1.61	20.35 1.27 -0.08
PLATSBURG_115KV_PMLD1 355749	22.28 -0.09 0.00	20.88 0.06 0.00	19.31 0.02 0.00	18.16 0.05 0.00	18.21 0.02 0.00	18.53 -0.06 0.00	21.13 -0.11 0.00	21.17 -0.15 0.00	21.25 -0.24 0.00	21.17 -0.13 0.00	21.60 -0.17 0.00	20.96 -0.25 0.00	21.04 -0.11 0.00	19.33 0.00 0.00	19.44 -0.08 0.00	18.09 -0.09 0.00	18.55 -0.09 0.00	18.88 -0.13 0.00	21.08 -0.17 0.00	21.13 -0.26 0.00	21.04 -0.26 0.00	20.76 -0.25 0.00	19.64 -0.42 0.00	18.71 -0.28 0.00

PLEASANTVLY___LBMP 24000	23.44 1.07 0.00	21.58 0.77 0.00	20.05 0.75 0.00	18.81 0.71 0.00	18.90 0.71 0.00	19.34 0.76 0.00	22.27 1.04 0.00	24.18 1.11 -1.75	27.83 1.18 -5.16	28.13 1.17 -5.66	28.76 1.18 -5.82	28.87 1.10 -6.56	27.64 1.10 -5.39	27.61 0.99 -7.29	26.48 1.02 -5.94	25.96 0.98 -6.80	27.54 0.99 -7.90	30.03 1.01 -10.00	32.89 1.17 -10.47	32.14 1.22 -9.54	28.87 1.17 -6.40	24.60 1.16 -2.43	22.54 1.12 -1.35	20.15 1.06 -0.09
PLSNTVLE_13_KV_13.8KVDIST 80602	23.69 1.32 0.00	21.79 0.98 0.00	20.22 0.93 0.00	18.98 0.87 0.00	19.08 0.89 0.00	19.53 0.95 0.00	22.51 1.27 0.00	24.33 1.36 -1.65	27.82 1.48 -4.85	28.36 1.43 -5.63	29.20 1.46 -5.97	29.44 1.36 -6.87	28.21 1.35 -5.71	28.30 1.24 -7.73	27.71 1.25 -6.94	27.44 1.20 -8.06	28.93 1.19 -9.09	31.26 1.22 -11.03	34.60 1.40 -11.94	34.17 1.50 -11.29	29.16 1.41 -6.46	25.30 1.41 -2.88	22.92 1.32 -1.54	20.33 1.25 -0.08
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	23.69 1.32 0.00	21.79 0.98 0.00	20.22 0.93 0.00	18.98 0.87 0.00	19.08 0.89 0.00	19.53 0.95 0.00	22.51 1.27 0.00	24.33 1.36 -1.65	27.82 1.48 -4.85	28.36 1.43 -5.63	29.20 1.46 -5.97	29.44 1.36 -6.87	28.21 1.35 -5.71	28.30 1.24 -7.73	27.71 1.25 -6.94	27.44 1.20 -8.06	28.93 1.19 -9.09	31.26 1.22 -11.03	34.60 1.40 -11.94	34.17 1.50 -11.29	29.16 1.41 -6.46	25.30 1.41 -2.88	22.92 1.32 -1.54	20.33 1.25 -0.08
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	23.58 1.21 0.00	21.71 0.89 0.00	20.14 0.85 0.00	18.92 0.81 0.00	18.95 0.76 0.00	19.38 0.80 0.00	22.36 1.13 0.00	24.18 1.17 -1.68	27.69 1.25 -4.95	28.14 1.21 -5.62	28.84 1.22 -5.85	29.04 1.17 -6.66	27.78 1.12 -5.51	27.81 1.02 -7.46	26.94 1.02 -6.41	26.57 1.00 -7.39	28.28 1.04 -8.58	30.62 1.03 -10.58	33.80 1.23 -11.31	33.24 1.30 -10.55	28.94 1.24 -6.41	24.90 1.20 -2.69	22.68 1.16 -1.46	20.18 1.10 -0.09
POLETTI____ 23519	23.76 1.39 0.00	21.81 1.00 0.00	20.26 0.96 0.00	19.05 0.94 0.00	19.12 0.93 0.00	19.59 1.00 0.00	22.55 1.32 0.00	24.36 1.43 -1.61	27.77 1.55 -4.73	28.41 1.49 -5.62	29.35 1.55 -6.03	29.63 1.42 -6.99	28.42 1.44 -5.83	28.52 1.30 -7.90	28.14 1.31 -7.31	27.99 1.27 -8.53	29.42 1.23 -9.54	31.69 1.26 -11.42	35.20 1.45 -12.50	34.85 1.52 -11.95	29.23 1.45 -6.48	25.55 1.49 -3.04	23.07 1.40 -1.61	20.39 1.31 -0.08
POMONA___ESR 323819	23.62 1.25 0.00	21.73 0.91 0.00	20.16 0.87 0.00	18.92 0.82 0.00	19.01 0.82 0.00	19.42 0.84 0.00	22.38 1.15 0.00	24.06 1.28 -1.46	27.09 1.31 -4.29	28.28 1.30 -5.68	29.49 1.33 -6.40	30.12 1.25 -7.66	28.83 1.20 -6.48	29.23 1.12 -8.78	29.77 1.13 -9.12	30.11 1.11 -10.82	31.47 1.10 -11.72	33.47 1.10 -13.35	37.76 1.30 -15.21	37.88 1.39 -15.11	29.31 1.32 -6.69	26.17 1.30 -3.86	23.22 1.22 -1.94	20.23 1.16 -0.08
PORT_JEFF_3 23555	24.70 2.33 -0.01	22.58 1.77 0.00	20.86 1.56 0.00	19.63 1.52 0.00	19.81 1.62 0.00	20.22 1.64 0.00	23.23 2.00 0.00	25.15 2.22 -1.61	28.46 2.23 -4.74	29.28 2.34 -5.64	30.00 2.20 -6.03	30.41 2.19 -7.01	29.07 2.09 -5.83	29.16 1.93 -7.89	28.80 1.97 -7.30	28.57 1.86 -8.53	30.15 1.96 -9.55	32.75 1.98 -11.76	48.12 2.23 -24.64	35.72 2.33 -12.01	32.30 2.28 -8.72	27.48 2.31 -4.15	24.00 2.23 -1.72	21.15 2.07 -0.08
PORT_JEFF_4 23616	24.70 2.33 -0.01	22.58 1.77 0.00	20.86 1.56 0.00	19.63 1.52 0.00	19.81 1.62 0.00	20.22 1.64 0.00	23.23 2.00 0.00	25.15 2.22 -1.61	28.46 2.23 -4.74	29.28 2.34 -5.64	30.00 2.20 -6.03	30.41 2.19 -7.01	29.07 2.09 -5.83	29.16 1.93 -7.89	28.80 1.97 -7.30	28.57 1.86 -8.53	30.15 1.96 -9.55	32.75 1.98 -11.76	48.12 2.23 -24.64	35.72 2.33 -12.01	32.30 2.28 -8.72	27.48 2.31 -4.15	24.00 2.23 -1.72	21.15 2.07 -0.08
PORT_JEFF_IC 23713	24.75 2.37 -0.01	22.62 1.81 0.00	20.88 1.58 0.00	19.66 1.56 0.00	19.83 1.64 0.00	20.26 1.67 0.00	23.27 2.04 0.00	25.17 2.24 -1.61	28.50 2.28 -4.74	29.32 2.38 -5.64	30.04 2.24 -6.03	30.45 2.23 -7.01	29.11 2.13 -5.83	29.20 1.97 -7.89	28.86 2.03 -7.30	28.63 1.91 -8.54	30.19 2.00 -9.55	32.82 2.04 -11.77	50.05 2.28 -26.52	35.80 2.39 -12.02	32.35 2.32 -8.73	27.52 2.35 -4.16	24.04 2.27 -1.72	21.19 2.11 -0.08
PPL PILGRIM_ST_GT1 24216	24.66 2.28 -0.01	22.56 1.75 0.00	20.84 1.54 0.00	19.61 1.50 0.00	19.77 1.58 0.00	20.20 1.62 0.00	23.23 2.00 0.00	25.13 2.20 -1.61	28.44 2.21 -4.74	29.26 2.32 -5.64	29.95 2.16 -6.03	30.38 2.16 -7.00	29.05 2.07 -5.83	29.14 1.91 -7.89	28.78 1.95 -7.30	28.52 1.82 -8.53	30.13 1.94 -9.54	32.67 1.94 -11.71	38.42 2.17 -15.00	35.61 2.27 -11.96	32.19 2.21 -8.67	27.43 2.27 -4.15	23.98 2.21 -1.72	21.15 2.07 -0.08
PPL PILGRIM_ST_GT2 24217	24.66 2.28 -0.01	22.56 1.75 0.00	20.84 1.54 0.00	19.61 1.50 0.00	19.77 1.58 0.00	20.20 1.62 0.00	23.23 2.00 0.00	25.13 2.20 -1.61	28.44 2.21 -4.74	29.26 2.32 -5.64	29.95 2.16 -6.03	30.38 2.16 -7.00	29.05 2.07 -5.83	29.14 1.91 -7.89	28.78 1.95 -7.30	28.52 1.82 -8.53	30.13 1.94 -9.54	32.67 1.94 -11.71	38.42 2.17 -15.00	35.61 2.27 -11.96	32.19 2.21 -8.67	27.43 2.27 -4.15	23.98 2.21 -1.72	21.15 2.07 -0.08
PPL_SHRM_GT3 24213	24.91 2.53 -0.01	22.75 1.94 0.00	20.99 1.70 0.00	19.79 1.68 0.00	19.95 1.76 0.00	20.38 1.80 0.00	23.40 2.17 0.00	25.30 2.37 -1.61	28.63 2.41 -4.74	29.45 2.51 -5.64	30.17 2.37 -6.03	30.60 2.38 -7.01	29.24 2.26 -5.83	29.33 2.11 -7.89	28.97 2.15 -7.30	28.75 2.04 -8.53	30.34 2.14 -9.55	32.96 2.19 -11.76	48.59 2.44 -24.89	35.96 2.56 -12.01	32.51 2.49 -8.72	27.69 2.52 -4.15	24.20 2.43 -1.72	21.32 2.24 -0.08
PPL_SHRM_GT4 24214	24.91 2.53 -0.01	22.75 1.94 0.00	20.99 1.70 0.00	19.79 1.68 0.00	19.95 1.76 0.00	20.38 1.80 0.00	23.40 2.17 0.00	25.30 2.37 -1.61	28.63 2.41 -4.74	29.45 2.51 -5.64	30.17 2.37 -6.03	30.60 2.38 -7.01	29.24 2.26 -5.83	29.33 2.11 -7.89	28.97 2.15 -7.30	28.75 2.04 -8.53	30.34 2.14 -9.55	32.96 2.19 -11.76	48.59 2.44 -24.89	35.96 2.56 -12.01	32.51 2.49 -8.72	27.69 2.52 -4.15	24.20 2.43 -1.72	21.32 2.24 -0.08
PROJECT___ORANGE 1 24174	22.48 0.11 0.00	20.88 0.06 0.00	19.33 0.04 0.00	18.12 0.02 0.00	18.23 0.04 0.00	18.60 0.02 0.00	21.21 -0.02 0.00	21.36 -0.09 -0.12	21.90 0.04 -0.36	21.63 0.02 -0.31	22.08 0.04 -0.27	21.43 -0.04 -0.26	21.28 -0.06 -0.20	19.54 -0.06 -0.26	19.49 -0.06 -0.03	18.13 -0.05 0.00	18.65 -0.07 -0.08	19.20 -0.06 -0.24	21.41 0.02 -0.13	21.43 0.04 0.00	21.62 0.00 -0.32	20.95 -0.06 0.00	20.02 -0.06 -0.02	18.93 -0.08 -0.01
PROJECT___ORANGE 2 24166	22.48 0.11 0.00	20.88 0.06 0.00	19.33 0.04 0.00	18.12 0.02 0.00	18.23 0.04 0.00	18.60 0.02 0.00	21.21 -0.02 0.00	21.36 -0.09 -0.12	21.90 0.04 -0.36	21.63 0.02 -0.31	22.08 0.04 -0.27	21.43 -0.04 -0.26	21.28 -0.06 -0.20	19.54 -0.06 -0.26	19.49 -0.06 -0.03	18.13 -0.05 0.00	18.65 -0.07 -0.08	19.20 -0.06 -0.24	21.41 0.02 -0.13	21.43 0.04 0.00	21.62 0.00 -0.32	20.95 -0.06 0.00	20.02 -0.06 -0.02	18.93 -0.08 -0.01

PUCKETT___SOLAR 323809	23.20 0.83 0.00	21.52 0.71 0.00	19.91 0.62 0.00	18.67 0.56 0.00	18.79 0.60 0.00	19.20 0.61 0.00	21.87 0.64 0.00	22.33 0.55 -0.45	23.38 0.56 -1.34	22.95 0.51 -1.14	23.27 0.52 -0.98	22.50 0.34 -0.95	22.16 0.30 -0.72	20.55 0.25 -0.97	19.91 0.27 -0.11	18.55 0.36 0.00	19.19 0.26 -0.29	20.19 0.30 -0.87	22.19 0.45 -0.49	22.08 0.68 -0.02	23.00 0.51 -1.19	21.54 0.53 0.00	20.55 0.42 -0.07	19.40 0.38 -0.02
PYRITES___HYD 24023	22.28 -0.09 0.00	20.88 0.06 0.00	19.31 0.02 0.00	18.12 0.02 0.00	18.21 0.02 0.00	18.58 0.00 0.00	21.17 -0.06 0.00	21.28 -0.04 0.00	21.38 -0.11 0.00	21.21 -0.09 0.00	21.73 -0.04 0.00	21.21 0.00 0.00	21.15 0.00 0.00	19.33 0.00 0.00	19.50 -0.02 0.00	18.13 -0.05 0.00	18.55 -0.09 0.00	18.86 -0.15 0.00	21.06 -0.19 0.00	21.15 -0.24 0.00	21.06 -0.23 0.00	20.87 -0.15 0.00	19.90 -0.16 0.00	18.84 -0.15 0.00
QUAKERRD_115KV_BK1 80622	21.86 -0.51 0.00	20.31 -0.50 0.00	18.81 -0.48 0.00	17.62 -0.49 0.00	17.72 -0.47 0.00	18.10 -0.48 0.00	20.53 -0.70 0.00	20.62 -0.85 -0.16	21.37 -0.58 -0.46	21.11 -0.58 -0.39	21.52 -0.59 -0.33	20.79 -0.74 -0.32	20.61 -0.78 -0.25	18.97 -0.70 -0.33	18.86 -0.76 -0.04	17.42 -0.69 0.00	18.06 -0.68 -0.10	18.63 -0.66 -0.30	20.76 -0.66 -0.17	20.64 -0.75 -0.01	21.07 -0.64 -0.41	20.11 -0.90 0.00	19.18 -0.90 -0.02	18.15 -0.85 -0.01
QUEENSBRY_115KV_TB8 356137	23.98 1.61 0.00	22.14 1.33 0.00	20.51 1.22 0.00	19.25 1.14 0.00	19.34 1.15 0.00	19.81 1.23 0.00	22.87 1.63 0.00	25.02 1.49 -2.21	29.46 1.48 -6.49	29.31 1.75 -6.27	29.55 1.83 -5.95	29.31 1.78 -6.31	28.00 1.82 -5.03	27.75 1.62 -6.79	24.79 1.46 -3.81	23.56 1.36 -4.02	25.44 1.40 -5.39	28.49 1.33 -8.14	30.35 1.68 -7.42	28.73 1.69 -5.66	29.86 1.73 -6.83	24.10 1.66 -1.43	22.55 1.50 -0.98	20.51 1.41 -0.11
RAMAPO___LBMP 323565	23.53 1.16 0.00	21.67 0.85 0.00	20.10 0.81 0.00	18.87 0.76 0.00	18.95 0.76 0.00	19.38 0.80 0.00	22.32 1.08 0.00	23.94 1.17 -1.44	26.98 1.25 -4.25	28.11 1.24 -5.58	29.30 1.26 -6.26	29.86 1.17 -7.48	28.61 1.14 -6.32	28.95 1.04 -8.57	29.44 1.07 -8.85	29.70 1.04 -10.48	31.07 1.04 -11.38	33.06 1.05 -13.00	37.26 1.23 -14.78	37.34 1.30 -14.65	29.12 1.26 -6.57	25.99 1.24 -3.74	23.11 1.16 -1.89	20.15 1.08 -0.07
RANKINE____ 23646	22.62 0.25 0.00	21.19 0.37 0.00	19.58 0.29 0.00	18.29 0.18 0.00	18.43 0.24 0.00	18.82 0.24 0.00	21.13 -0.11 0.00	20.12 -1.43 -0.23	21.14 -1.01 -0.66	20.97 -0.89 -0.56	21.30 -0.96 -0.48	20.41 -1.27 -0.47	20.28 -1.23 -0.36	18.69 -1.12 -0.48	18.43 -1.15 -0.06	17.47 -0.71 0.00	17.65 -1.14 -0.14	18.31 -1.13 -0.43	20.37 -1.13 -0.24	20.62 -0.77 -0.01	20.82 -1.06 -0.59	20.13 -0.88 0.00	19.11 -0.98 -0.04	18.27 -0.74 -0.01
RAVENSWOOD_GT2_1 24244	23.80 1.43 0.00	21.87 1.06 0.00	20.30 1.00 0.00	19.08 0.98 0.00	19.15 0.96 0.00	19.62 1.04 0.00	22.61 1.38 0.00	24.40 1.47 -1.61	27.81 1.59 -4.73	28.46 1.53 -5.62	29.39 1.59 -6.03	29.67 1.46 -6.99	28.46 1.48 -5.83	28.56 1.33 -7.90	28.18 1.35 -7.31	28.02 1.31 -8.53	29.48 1.29 -9.54	31.73 1.29 -11.42	35.24 1.49 -12.50	34.89 1.56 -11.95	29.29 1.51 -6.48	25.59 1.53 -3.04	23.11 1.44 -1.61	20.43 1.35 -0.08
RAVENSWOOD_GT2_2 24245	23.80 1.43 0.00	21.87 1.06 0.00	20.30 1.00 0.00	19.08 0.98 0.00	19.15 0.96 0.00	19.62 1.04 0.00	22.61 1.38 0.00	24.40 1.47 -1.61	27.81 1.59 -4.73	28.46 1.53 -5.62	29.39 1.59 -6.03	29.67 1.46 -6.99	28.46 1.48 -5.83	28.56 1.33 -7.90	28.18 1.35 -7.31	28.02 1.31 -8.53	29.48 1.29 -9.54	31.73 1.29 -11.42	35.24 1.49 -12.50	34.89 1.56 -11.95	29.29 1.51 -6.48	25.59 1.53 -3.04	23.11 1.44 -1.61	20.43 1.35 -0.08
RAVENSWOOD_GT2_3 24246	23.82 1.45 0.00	21.87 1.06 0.00	20.30 1.00 0.00	19.08 0.98 0.00	19.15 0.96 0.00	19.62 1.04 0.00	22.61 1.38 0.00	24.40 1.47 -1.61	27.81 1.59 -4.73	28.48 1.55 -5.62	29.39 1.59 -6.03	29.67 1.46 -6.99	28.46 1.48 -5.83	28.56 1.33 -7.90	28.18 1.35 -7.31	28.02 1.31 -8.53	29.48 1.29 -9.54	31.73 1.29 -11.42	35.26 1.51 -12.50	34.89 1.56 -11.95	29.29 1.51 -6.48	25.59 1.53 -3.04	23.11 1.44 -1.61	20.43 1.35 -0.08
RAVENSWOOD_GT2_4 24247	23.82 1.45 0.00	21.87 1.06 0.00	20.30 1.00 0.00	19.08 0.98 0.00	19.15 0.96 0.00	19.62 1.04 0.00	22.61 1.38 0.00	24.40 1.47 -1.61	27.81 1.59 -4.73	28.48 1.55 -5.62	29.39 1.59 -6.03	29.67 1.46 -6.99	28.46 1.48 -5.83	28.56 1.33 -7.90	28.18 1.35 -7.31	28.02 1.31 -8.53	29.48 1.29 -9.54	31.73 1.29 -11.42	35.26 1.51 -12.50	34.89 1.56 -11.95	29.29 1.51 -6.48	25.59 1.53 -3.04	23.11 1.44 -1.61	20.43 1.35 -0.08
RAVENSWOOD_GT3_1 24248	23.82 1.45 0.00	21.87 1.06 0.00	20.30 1.00 0.00	19.08 0.98 0.00	19.15 0.96 0.00	19.62 1.04 0.00	22.61 1.38 0.00	24.40 1.47 -1.61	27.81 1.59 -4.73	28.48 1.55 -5.62	29.39 1.59 -6.03	29.67 1.46 -6.99	28.46 1.48 -5.83	28.56 1.33 -7.90	28.18 1.35 -7.31	28.02 1.31 -8.53	29.48 1.29 -9.54	31.73 1.29 -11.42	35.26 1.51 -12.50	34.89 1.56 -11.95	29.29 1.51 -6.48	25.59 1.53 -3.04	23.11 1.44 -1.61	20.43 1.35 -0.08
RAVENSWOOD_GT3_2 24249	23.82 1.45 0.00	21.87 1.06 0.00	20.30 1.00 0.00	19.08 0.98 0.00	19.15 0.96 0.00	19.62 1.04 0.00	22.61 1.38 0.00	24.40 1.47 -1.61	27.81 1.59 -4.73	28.48 1.55 -5.62	29.39 1.59 -6.03	29.67 1.46 -6.99	28.46 1.48 -5.83	28.56 1.33 -7.90	28.18 1.35 -7.31	28.02 1.31 -8.53	29.48 1.29 -9.54	31.73 1.29 -11.42	35.26 1.51 -12.50	34.89 1.56 -11.95	29.29 1.51 -6.48	25.59 1.53 -3.04	23.11 1.44 -1.61	20.43 1.35 -0.08
RAVENSWOOD_GT3_3 24250	23.85 1.48 0.00	21.89 1.08 0.00	20.32 1.02 0.00	19.10 1.00 0.00	19.17 0.98 0.00	19.64 1.06 0.00	22.63 1.40 0.00	24.42 1.49 -1.61	27.83 1.61 -4.73	28.50 1.58 -5.62	29.41 1.61 -6.03	29.69 1.48 -6.99	28.48 1.50 -5.83	28.60 1.37 -7.90	28.20 1.37 -7.31	28.06 1.35 -8.53	29.49 1.31 -9.54	31.76 1.33 -11.42	35.28 1.53 -12.50	34.94 1.60 -11.95	29.31 1.53 -6.48	25.61 1.56 -3.04	23.13 1.46 -1.61	20.45 1.37 -0.08
RAVENSWOOD_GT3_4 24251	23.85 1.48 0.00	21.89 1.08 0.00	20.32 1.02 0.00	19.10 1.00 0.00	19.17 0.98 0.00	19.64 1.06 0.00	22.63 1.40 0.00	24.42 1.49 -1.61	27.83 1.61 -4.73	28.50 1.58 -5.62	29.41 1.61 -6.03	29.69 1.48 -6.99	28.48 1.50 -5.83	28.60 1.37 -7.90	28.20 1.37 -7.31	28.06 1.35 -8.53	29.49 1.31 -9.54	31.76 1.33 -11.42	35.28 1.53 -12.50	34.94 1.60 -11.95	29.31 1.53 -6.48	25.61 1.56 -3.04	23.13 1.46 -1.61	20.45 1.37 -0.08
RAVENSWOOD_GT_1 23729	23.94 1.57 -0.01	21.99 1.16 -0.01	20.40 1.10 -0.01	19.18 1.07 -0.01	19.29 1.09 -0.01	19.71 1.11 -0.01	22.73 1.49 -0.01	24.56 1.62 -1.62	29.64 1.72 -6.43	28.59 1.66 -5.63	29.95 1.70 -6.48	29.78 1.57 -7.00	29.46 1.59 -6.73	28.69 1.45 -7.90	28.29 1.44 -7.32	28.66 1.42 -9.06	29.58 1.38 -9.55	31.85 1.41 -11.42	35.34 1.57 -12.51	35.00 1.67 -11.95	29.38 1.60 -6.49	25.71 1.64 -3.05	23.22 1.54 -1.61	20.53 1.44 -0.09

RAVENSWOOD_GT_10 24258	23.82 1.45 0.00	21.87 1.06 0.00	20.30 1.00 0.00	19.08 0.98 0.00	19.15 0.96 0.00	19.62 1.04 0.00	22.61 1.38 0.00	24.40 1.47 -1.61	27.81 1.59 -4.73	28.48 1.55 -5.62	29.39 1.59 -6.03	29.67 1.46 -6.99	28.46 1.48 -5.83	28.56 1.33 -7.90	28.18 1.35 -7.31	28.04 1.33 -8.53	29.48 1.29 -9.54	31.73 1.29 -11.42	35.26 1.51 -12.50	34.89 1.56 -11.95	29.29 1.51 -6.48	25.59 1.53 -3.04	23.11 1.44 -1.61	20.43 1.35 -0.08
RAVENSWOOD_GT_11 24259	23.82 1.45 0.00	21.87 1.06 0.00	20.30 1.00 0.00	19.08 0.98 0.00	19.19 1.00 0.00	19.60 1.02 0.00	22.61 1.38 0.00	24.44 1.51 -1.61	27.81 1.59 -4.73	28.48 1.55 -5.62	29.39 1.59 -6.03	29.67 1.46 -6.99	28.46 1.48 -5.83	28.56 1.33 -7.90	28.18 1.35 -7.31	28.04 1.33 -8.54	29.47 1.29 -9.54	31.73 1.29 -11.42	35.24 1.49 -12.50	34.89 1.56 -11.95	29.29 1.51 -6.48	25.59 1.53 -3.04	23.11 1.45 -1.61	20.43 1.35 -0.08
RAVENSWOOD_GT_4 24252	23.80 1.43 0.00	21.85 1.04 0.00	20.30 1.00 0.00	19.07 0.96 0.00	19.15 0.96 0.00	19.60 1.02 0.00	22.59 1.36 0.00	24.38 1.45 -1.61	27.79 1.57 -4.73	28.46 1.53 -5.62	29.37 1.57 -6.03	29.67 1.46 -6.99	28.44 1.46 -5.83	28.56 1.33 -7.90	28.18 1.35 -7.31	28.02 1.31 -8.53	29.46 1.27 -9.54	31.73 1.29 -11.42	35.24 1.49 -12.50	34.89 1.56 -11.95	29.27 1.49 -6.48	25.57 1.51 -3.04	23.11 1.44 -1.61	20.43 1.35 -0.08
RAVENSWOOD_GT_5 24254	23.80 1.43 0.00	21.85 1.04 0.00	20.30 1.00 0.00	19.07 0.96 0.00	19.15 0.96 0.00	19.60 1.02 0.00	22.59 1.36 0.00	24.38 1.45 -1.61	27.79 1.57 -4.73	28.46 1.53 -5.62	29.37 1.57 -6.03	29.67 1.46 -6.99	28.44 1.46 -5.83	28.56 1.33 -7.90	28.18 1.35 -7.31	28.02 1.31 -8.53	29.46 1.27 -9.54	31.73 1.29 -11.42	35.24 1.49 -12.50	34.89 1.56 -11.95	29.27 1.49 -6.48	25.57 1.51 -3.04	23.11 1.44 -1.61	20.43 1.35 -0.08
RAVENSWOOD_GT_6 24253	23.80 1.43 0.00	21.85 1.04 0.00	20.30 1.00 0.00	19.07 0.96 0.00	19.15 0.96 0.00	19.60 1.02 0.00	22.59 1.36 0.00	24.38 1.45 -1.61	27.79 1.57 -4.73	28.46 1.53 -5.62	29.37 1.57 -6.03	29.67 1.46 -6.99	28.44 1.46 -5.83	28.56 1.33 -7.90	28.18 1.35 -7.31	28.02 1.31 -8.53	29.46 1.27 -9.54	31.73 1.29 -11.42	35.24 1.49 -12.50	34.89 1.56 -11.95	29.27 1.49 -6.48	25.57 1.51 -3.04	23.11 1.44 -1.61	20.43 1.35 -0.08
RAVENSWOOD_GT_7 24255	23.80 1.43 0.00	21.85 1.04 0.00	20.30 1.00 0.00	19.07 0.96 0.00	19.15 0.96 0.00	19.60 1.02 0.00	22.59 1.36 0.00	24.38 1.45 -1.61	27.79 1.57 -4.73	28.46 1.53 -5.62	29.37 1.57 -6.03	29.67 1.46 -6.99	28.44 1.46 -5.83	28.56 1.33 -7.90	28.18 1.35 -7.31	28.02 1.31 -8.53	29.46 1.27 -9.54	31.73 1.29 -11.42	35.24 1.49 -12.50	34.89 1.56 -11.95	29.27 1.49 -6.48	25.57 1.51 -3.04	23.11 1.44 -1.61	20.43 1.35 -0.08
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	23.82 1.45 0.00	21.87 1.06 0.00	20.30 1.00 0.00	19.08 0.98 0.00	19.15 0.96 0.00	19.62 1.04 0.00	22.61 1.38 0.00	24.40 1.47 -1.61	27.81 1.59 -4.73	28.48 1.55 -5.62	29.39 1.59 -6.03	29.67 1.46 -6.99	28.46 1.48 -5.83	28.56 1.33 -7.90	28.18 1.35 -7.31	28.04 1.33 -8.53	29.48 1.29 -9.54	31.73 1.29 -11.42	35.26 1.51 -12.50	34.89 1.56 -11.95	29.29 1.51 -6.48	25.59 1.53 -3.04	23.11 1.44 -1.61	20.43 1.35 -0.08
RAVENSWOOD_GT_9 24257	23.82 1.45 0.00	21.87 1.06 0.00	20.30 1.00 0.00	19.08 0.98 0.00	19.15 0.96 0.00	19.62 1.04 0.00	22.61 1.38 0.00	24.40 1.47 -1.61	27.81 1.59 -4.73	28.48 1.55 -5.62	29.39 1.59 -6.03	29.67 1.46 -6.99	28.46 1.48 -5.83	28.56 1.33 -7.90	28.18 1.35 -7.31	28.04 1.33 -8.53	29.48 1.29 -9.54	31.73 1.29 -11.42	35.26 1.51 -12.50	34.89 1.56 -11.95	29.29 1.51 -6.48	25.59 1.53 -3.04	23.11 1.44 -1.61	20.43 1.35 -0.08
RAVENSWOOD___1 23533	23.92 1.54 -0.01	21.96 1.14 -0.01	20.40 1.10 -0.01	19.16 1.05 -0.01	19.27 1.07 -0.01	19.69 1.10 -0.01	22.71 1.46 -0.01	24.56 1.62 -1.62	29.62 1.70 -6.43	28.57 1.64 -5.63	29.92 1.68 -6.48	29.78 1.57 -7.00	29.44 1.56 -6.73	28.67 1.43 -7.90	28.29 1.44 -7.32	28.64 1.40 -9.06	29.56 1.36 -9.55	31.83 1.39 -11.42	35.34 1.57 -12.51	34.98 1.65 -11.95	29.38 1.60 -6.49	25.69 1.62 -3.05	23.22 1.54 -1.61	20.51 1.43 -0.09
RAVENSWOOD___2 23534	23.88 1.50 -0.01	21.92 1.10 -0.01	20.34 1.04 -0.01	19.13 1.01 -0.01	19.23 1.04 -0.01	19.65 1.06 -0.01	22.66 1.42 -0.01	24.49 1.56 -1.62	29.56 1.63 -6.43	28.53 1.60 -5.63	29.88 1.63 -6.48	29.72 1.51 -7.00	29.40 1.52 -6.73	28.63 1.39 -7.90	28.23 1.39 -7.32	28.61 1.36 -9.06	29.52 1.32 -9.55	31.79 1.35 -11.42	35.29 1.53 -12.51	34.94 1.60 -11.95	29.34 1.55 -6.49	25.64 1.58 -3.05	23.16 1.48 -1.61	20.47 1.39 -0.09
RAVENSWOOD___3 23535	23.80 1.43 0.00	21.87 1.06 0.00	20.30 1.00 0.00	19.08 0.98 0.00	19.17 0.98 0.00	19.59 1.00 0.00	22.59 1.36 0.00	24.44 1.51 -1.61	27.81 1.59 -4.73	28.48 1.55 -5.62	29.39 1.59 -6.03	29.67 1.46 -6.99	28.44 1.46 -5.83	28.56 1.33 -7.90	28.18 1.35 -7.31	28.03 1.31 -8.54	29.46 1.27 -9.54	31.73 1.29 -11.42	35.22 1.47 -12.50	34.89 1.56 -11.95	29.27 1.49 -6.48	25.59 1.53 -3.04	23.11 1.45 -1.61	20.43 1.35 -0.08
RAVENSWOOD___4 23820	23.90 1.52 -0.01	21.94 1.12 -0.01	20.38 1.08 -0.01	19.16 1.05 -0.01	19.25 1.05 -0.01	19.67 1.08 -0.01	22.69 1.44 -0.01	24.54 1.60 -1.62	29.60 1.68 -6.43	28.55 1.62 -5.63	29.92 1.68 -6.48	29.76 1.55 -7.00	29.42 1.54 -6.73	28.65 1.41 -7.90	28.27 1.42 -7.32	28.63 1.38 -9.06	29.54 1.34 -9.55	31.81 1.37 -11.42	35.31 1.55 -12.51	34.98 1.65 -11.95	29.36 1.58 -6.49	25.69 1.62 -3.05	23.20 1.52 -1.61	20.51 1.43 -0.09
RCPL_TRUST___DRP 24196	23.82 1.45 0.00	21.85 1.04 0.00	20.30 1.00 0.00	19.07 0.96 0.00	19.15 0.96 0.00	19.60 1.02 0.00	22.59 1.36 0.00	24.38 1.45 -1.61	27.83 1.61 -4.73	28.48 1.55 -5.62	29.41 1.61 -6.03	29.69 1.48 -6.99	28.48 1.50 -5.83	28.58 1.35 -7.90	28.20 1.37 -7.31	28.06 1.35 -8.53	29.48 1.29 -9.54	31.74 1.31 -11.42	35.26 1.51 -12.50	34.89 1.56 -11.95	29.29 1.51 -6.48	25.61 1.56 -3.05	23.11 1.44 -1.61	20.43 1.35 -0.08
RED___ROCHESTER 323720	22.51 0.14 0.00	20.94 0.13 0.00	19.39 0.10 0.00	18.12 0.02 0.00	18.25 0.05 0.00	18.64 0.06 0.00	21.11 -0.13 0.00	21.42 -0.06 -0.16	21.92 -0.04 -0.47	21.68 -0.02 -0.40	22.07 -0.04 -0.34	21.29 -0.25 -0.33	21.10 -0.30 -0.25	19.44 -0.23 -0.34	19.33 -0.23 -0.04	17.85 -0.33 0.00	18.51 -0.24 -0.10	19.11 -0.21 -0.31	21.19 -0.23 -0.17	21.19 -0.19 -0.01	21.65 -0.06 -0.42	20.61 -0.40 0.00	19.62 -0.46 -0.03	18.60 -0.40 -0.01
REGAN___SOLAR 323812	24.94 2.57 0.00	23.08 2.27 0.00	21.34 2.04 0.00	20.06 1.96 0.00	20.16 1.97 0.00	20.68 2.10 0.00	23.99 2.76 0.00	26.38 2.84 -2.22	30.60 2.58 -6.53	30.25 2.66 -6.29	30.28 2.55 -5.96	29.92 2.40 -6.31	28.63 2.45 -5.03	28.49 2.38 -6.78	25.69 2.42 -3.75	24.52 2.40 -3.94	26.56 2.59 -5.32	29.67 2.57 -8.09	31.48 2.89 -7.33	29.90 2.97 -5.55	30.94 2.79 -6.85	25.08 2.67 -1.40	23.36 2.33 -0.97	21.27 2.16 -0.11

RENSSELAER___COGEN 23796	22.68 0.31 0.00	20.96 0.15 0.00	19.47 0.17 0.00	18.29 0.18 0.00	18.35 0.16 0.00	18.81 0.22 0.00	21.57 0.34 0.00	23.94 0.47 -2.15	28.23 0.41 -6.33	27.87 0.40 -6.17	28.07 0.41 -5.89	27.87 0.38 -6.28	26.56 0.40 -5.02	26.47 0.37 -6.77	23.83 0.37 -3.94	22.72 0.34 -4.19	24.55 0.37 -5.53	27.60 0.38 -8.21	29.26 0.42 -7.58	27.73 0.45 -5.90	28.47 0.43 -6.74	22.90 0.40 -1.49	21.46 0.40 -1.00	19.49 0.38 -0.11
REPUBLIC_115KV_BARTNBRK 55605	25.01 2.64 0.00	23.06 2.25 0.00	21.28 1.99 0.00	19.99 1.88 0.00	20.08 1.89 0.00	20.57 1.99 0.00	23.89 2.65 0.00	26.08 2.56 -2.20	30.49 2.51 -6.48	30.44 2.88 -6.26	30.72 3.00 -5.95	30.41 2.88 -6.31	29.03 2.85 -5.03	28.68 2.55 -6.79	25.68 2.34 -3.81	24.38 2.18 -4.02	26.30 2.26 -5.39	29.32 2.17 -8.14	31.27 2.59 -7.42	29.68 2.63 -5.67	30.83 2.70 -6.83	25.03 2.58 -1.43	23.35 2.31 -0.98	21.27 2.17 -0.11
REVERE_CPPR_DRP 24186	23.20 0.83 0.00	21.52 0.71 0.00	19.91 0.62 0.00	18.67 0.56 0.00	18.79 0.60 0.00	19.20 0.61 0.00	21.87 0.64 0.00	21.99 0.60 -0.07	22.41 0.71 -0.21	22.12 0.64 -0.18	22.58 0.65 -0.16	21.87 0.51 -0.15	21.75 0.49 -0.12	19.91 0.43 -0.16	19.97 0.43 -0.02	18.56 0.38 0.00	19.07 0.37 -0.05	19.55 0.40 -0.14	21.91 0.57 -0.08	22.05 0.66 0.00	22.06 0.58 -0.19	21.50 0.48 0.00	20.49 0.42 -0.01	19.34 0.34 0.00
REYNOLDS_115KV_TB3 80639	22.80 0.43 0.00	21.08 0.27 0.00	19.60 0.31 0.00	18.40 0.29 0.00	18.48 0.29 0.00	18.90 0.32 0.00	21.70 0.47 0.00	24.00 0.53 -2.15	28.36 0.54 -6.33	28.00 0.53 -6.17	28.21 0.54 -5.90	28.01 0.51 -6.29	26.71 0.53 -5.03	26.60 0.48 -6.79	23.98 0.49 -3.97	22.86 0.45 -4.23	24.72 0.50 -5.57	27.77 0.51 -8.24	29.45 0.57 -7.63	27.93 0.60 -5.95	28.62 0.58 -6.75	23.06 0.55 -1.50	21.61 0.54 -1.01	19.62 0.51 -0.11
RIVERBAY____ 323610	24.07 1.70 0.00	22.07 1.27 0.02	20.49 1.22 0.02	19.27 1.18 0.02	19.34 1.16 0.02	19.83 1.26 0.02	22.85 1.63 0.02	24.62 1.71 -1.59	28.06 1.85 -4.72	28.67 1.77 -5.61	29.62 1.83 -6.02	29.87 1.68 -6.98	28.66 1.69 -5.82	28.74 1.53 -7.88	28.34 1.52 -7.30	28.20 1.49 -8.53	29.61 1.44 -9.52	31.90 1.48 -11.40	35.44 1.70 -12.48	35.09 1.75 -11.95	29.44 1.68 -6.46	25.77 1.72 -3.03	23.29 1.64 -1.59	20.58 1.52 -0.07
RIVERSDE_115KV_TB3 55908	22.75 0.38 0.00	21.04 0.23 0.00	19.54 0.25 0.00	18.34 0.24 0.00	18.45 0.25 0.00	18.86 0.28 0.00	21.66 0.42 0.00	23.99 0.51 -2.16	28.33 0.49 -6.35	27.97 0.49 -6.18	28.17 0.50 -5.90	27.97 0.47 -6.29	26.66 0.49 -5.03	26.56 0.44 -6.78	23.91 0.45 -3.94	22.79 0.42 -4.19	24.65 0.47 -5.53	27.71 0.48 -8.22	29.37 0.53 -7.59	27.82 0.53 -5.90	28.59 0.53 -6.75	22.99 0.48 -1.49	21.54 0.48 -1.00	19.56 0.46 -0.11
ROARING___BROOK_WT_PWR 323790	22.08 -0.29 0.00	20.56 -0.25 0.00	19.10 -0.19 0.00	17.94 -0.16 0.00	18.03 -0.16 0.00	18.38 -0.20 0.00	21.02 -0.21 0.00	21.15 -0.17 0.00	21.30 -0.19 0.00	21.06 -0.23 0.00	21.51 -0.26 0.00	20.89 -0.32 0.00	20.79 -0.36 0.00	18.97 -0.37 0.00	19.15 -0.37 0.00	17.85 -0.33 0.00	18.31 -0.34 0.00	18.65 -0.36 0.00	20.89 -0.36 0.00	21.06 -0.32 0.00	20.96 -0.34 0.00	20.61 -0.40 0.00	19.66 -0.40 0.00	18.58 -0.42 0.00
ROCHESRG_115KV_T4 355643	22.30 -0.07 0.00	20.75 -0.06 0.00	19.22 -0.08 0.00	17.98 -0.13 0.00	18.10 -0.09 0.00	18.47 -0.11 0.00	20.94 -0.30 0.00	20.92 -0.55 -0.16	21.72 -0.24 -0.47	21.46 -0.23 -0.40	21.87 -0.24 -0.34	21.10 -0.45 -0.33	20.93 -0.47 -0.25	19.26 -0.41 -0.34	19.15 -0.41 -0.04	17.69 -0.49 0.00	18.36 -0.39 -0.10	18.92 -0.40 -0.30	21.11 -0.32 -0.17	20.96 -0.43 -0.01	21.44 -0.28 -0.42	20.43 -0.59 0.00	19.48 -0.60 -0.03	18.45 -0.55 -0.01
ROCHESTER_9_IC 23652	22.41 0.04 0.00	20.85 0.04 0.00	19.31 0.02 0.00	18.07 -0.04 0.00	18.19 0.00 0.00	18.56 -0.02 0.00	21.04 -0.19 0.00	21.01 -0.47 -0.16	21.83 -0.13 -0.47	21.59 -0.11 -0.40	21.98 -0.13 -0.34	21.21 -0.34 -0.36	21.04 -0.36 -0.31	19.36 -0.31 -0.34	19.25 -0.31 -0.04	17.78 -0.40 0.00	18.43 -0.32 -0.10	19.02 -0.30 -0.31	21.21 -0.21 -0.17	21.09 -0.30 -0.01	21.55 -0.17 -0.42	20.53 -0.48 0.00	19.56 -0.52 -0.03	18.53 -0.47 -0.01
ROCKVIEW_13_KV_LD 356306	23.80 1.43 0.00	21.85 1.04 0.00	20.28 0.98 0.00	19.05 0.94 0.00	19.15 0.96 0.00	19.60 1.02 0.00	22.61 1.38 0.00	24.38 1.45 -1.61	27.81 1.59 -4.73	28.46 1.53 -5.62	29.39 1.59 -6.03	29.69 1.48 -7.00	28.44 1.46 -5.83	28.56 1.33 -7.90	28.18 1.35 -7.32	28.01 1.29 -8.54	29.46 1.27 -9.54	31.75 1.31 -11.42	35.27 1.51 -12.50	34.94 1.60 -11.96	29.29 1.51 -6.48	25.57 1.51 -3.05	23.07 1.40 -1.61	20.41 1.33 -0.08
ROME____115KV_TB2 80656	23.20 0.83 0.00	21.52 0.71 0.00	19.91 0.62 0.00	18.67 0.56 0.00	18.79 0.60 0.00	19.20 0.61 0.00	21.87 0.64 0.00	21.99 0.60 -0.07	22.41 0.71 -0.21	22.12 0.64 -0.18	22.58 0.65 -0.16	21.87 0.51 -0.15	21.75 0.49 -0.12	19.91 0.43 -0.16	19.97 0.43 -0.02	18.56 0.38 0.00	19.07 0.37 -0.05	19.55 0.40 -0.14	21.91 0.57 -0.08	22.05 0.66 0.00	22.06 0.58 -0.19	21.50 0.48 0.00	20.49 0.42 -0.01	19.34 0.34 0.00
ROSETON___1 23587	23.20 0.83 0.00	21.42 0.60 0.00	19.89 0.60 0.00	18.67 0.56 0.00	18.74 0.55 0.00	19.16 0.58 0.00	22.02 0.79 0.00	24.04 0.87 -1.85	27.81 0.88 -5.44	27.69 0.87 -5.52	28.11 0.89 -5.44	28.00 0.85 -5.93	26.77 0.82 -4.80	26.57 0.75 -6.48	24.69 0.76 -4.41	23.80 0.75 -4.87	25.36 0.76 -5.94	27.99 0.76 -8.22	30.17 0.89 -8.02	29.05 0.94 -6.73	28.32 0.92 -6.11	23.60 0.88 -1.71	21.95 0.84 -1.05	19.89 0.80 -0.10
ROSETON___2 23588	23.20 0.83 0.00	21.42 0.60 0.00	19.89 0.60 0.00	18.67 0.56 0.00	18.74 0.55 0.00	19.16 0.58 0.00	22.02 0.79 0.00	24.04 0.87 -1.85	27.81 0.88 -5.44	27.69 0.87 -5.52	28.11 0.89 -5.44	28.00 0.85 -5.93	26.77 0.82 -4.80	26.57 0.75 -6.48	24.69 0.76 -4.41	23.80 0.75 -4.87	25.36 0.76 -5.94	27.99 0.76 -8.22	30.17 0.89 -8.02	29.05 0.94 -6.73	28.32 0.92 -6.11	23.60 0.88 -1.71	21.95 0.84 -1.05	19.89 0.80 -0.10
ROTTTRDAM_115KV_TB3 80664	23.20 0.83 0.00	21.46 0.65 0.00	19.91 0.62 0.00	18.69 0.58 0.00	18.77 0.58 0.00	19.20 0.61 0.00	22.06 0.83 0.00	24.37 0.83 -2.22	28.88 0.86 -6.53	28.46 0.87 -6.29	28.62 0.89 -5.96	28.37 0.85 -6.31	27.02 0.85 -5.03	26.89 0.77 -6.78	24.05 0.78 -3.75	22.86 0.75 -3.94	24.75 0.78 -5.32	27.89 0.78 -8.09	29.50 0.91 -7.33	27.87 0.94 -5.55	29.07 0.92 -6.85	23.30 0.88 -1.40	21.85 0.82 -0.97	19.89 0.78 -0.11
RUSSELL___1 23602	22.50 0.13 0.00	20.94 0.12 0.00	19.39 0.10 0.00	18.12 0.02 0.00	18.25 0.05 0.00	18.64 0.06 0.00	21.11 -0.13 0.00	21.10 -0.38 -0.16	21.92 -0.04 -0.47	21.68 -0.02 -0.40	22.07 -0.04 -0.34	21.29 -0.25 -0.33	21.10 -0.30 -0.25	19.44 -0.23 -0.34	19.33 -0.23 -0.04	17.85 -0.33 0.00	18.51 -0.24 -0.10	19.09 -0.23 -0.31	21.32 -0.11 -0.17	21.20 -0.19 -0.01	21.65 -0.06 -0.42	20.61 -0.40 0.00	19.64 -0.44 -0.03	18.59 -0.42 -0.01

RUSSELL___2 23532	22.50 0.13 0.00	20.94 0.12 0.00	19.39 0.10 0.00	18.12 0.02 0.00	18.25 0.05 0.00	18.64 0.06 0.00	21.11 -0.13 0.00	21.10 -0.38 -0.16	21.92 -0.04 -0.47	21.68 -0.02 -0.40	22.07 -0.04 -0.34	21.29 -0.25 -0.33	21.10 -0.30 -0.25	19.44 -0.23 -0.34	19.33 -0.23 -0.04	17.85 -0.33 0.00	18.51 -0.24 -0.10	19.09 -0.23 -0.31	21.32 -0.11 -0.17	21.20 -0.19 -0.01	21.65 -0.06 -0.42	20.61 -0.40 0.00	19.64 -0.44 -0.03	18.59 -0.42 -0.01
RUSSELL___3 23549	22.50 0.13 0.00	20.94 0.12 0.00	19.39 0.10 0.00	18.12 0.02 0.00	18.25 0.05 0.00	18.64 0.06 0.00	21.11 -0.13 0.00	21.10 -0.38 -0.16	21.92 -0.04 -0.47	21.68 -0.02 -0.40	22.07 -0.04 -0.34	21.29 -0.25 -0.33	21.10 -0.30 -0.25	19.44 -0.23 -0.34	19.33 -0.23 -0.04	17.85 -0.33 0.00	18.51 -0.24 -0.10	19.09 -0.23 -0.31	21.32 -0.11 -0.17	21.20 -0.19 -0.01	21.65 -0.06 -0.42	20.61 -0.40 0.00	19.64 -0.44 -0.03	18.59 -0.42 -0.01
RUSSELL___4 23556	22.50 0.13 0.00	20.94 0.12 0.00	19.39 0.10 0.00	18.12 0.02 0.00	18.25 0.05 0.00	18.64 0.06 0.00	21.11 -0.13 0.00	21.10 -0.38 -0.16	21.92 -0.04 -0.47	21.68 -0.02 -0.40	22.07 -0.04 -0.34	21.29 -0.25 -0.33	21.10 -0.30 -0.25	19.44 -0.23 -0.34	19.33 -0.23 -0.04	17.85 -0.33 0.00	18.51 -0.24 -0.10	19.09 -0.23 -0.31	21.32 -0.11 -0.17	21.20 -0.19 -0.01	21.65 -0.06 -0.42	20.61 -0.40 0.00	19.64 -0.44 -0.03	18.59 -0.42 -0.01
RUSSELL___STATION 23914	22.50 0.13 0.00	20.94 0.12 0.00	19.39 0.10 0.00	18.12 0.02 0.00	18.25 0.05 0.00	18.64 0.06 0.00	21.11 -0.13 0.00	21.10 -0.38 -0.16	21.92 -0.04 -0.47	21.68 -0.02 -0.40	22.07 -0.04 -0.34	21.29 -0.25 -0.33	21.10 -0.30 -0.25	19.44 -0.23 -0.34	19.33 -0.23 -0.04	17.85 -0.33 0.00	18.51 -0.24 -0.10	19.09 -0.23 -0.31	21.32 -0.11 -0.17	21.20 -0.19 -0.01	21.65 -0.06 -0.42	20.61 -0.40 0.00	19.64 -0.44 -0.03	18.59 -0.42 -0.01
S SALMON___HYD 24043	22.89 0.51 0.00	21.23 0.42 0.00	19.64 0.35 0.00	18.43 0.33 0.00	18.54 0.34 0.00	18.90 0.32 0.00	21.49 0.26 0.00	21.74 0.32 -0.10	22.16 0.36 -0.30	21.88 0.32 -0.26	22.36 0.37 -0.22	21.72 0.30 -0.22	21.52 0.21 -0.16	19.75 0.19 -0.22	19.72 0.18 -0.03	18.31 0.13 0.00	18.83 0.11 -0.07	19.37 0.15 -0.20	21.64 0.28 -0.11	21.75 0.36 0.00	21.91 0.34 -0.27	21.27 0.25 0.00	20.28 0.20 -0.02	19.13 0.13 -0.01
S.PERRY___115KV_TB1 80734	23.31 0.94 0.00	21.69 0.87 0.00	20.06 0.77 0.00	18.76 0.65 0.00	18.90 0.71 0.00	19.31 0.72 0.00	21.83 0.59 0.00	21.66 0.11 -0.23	22.62 0.45 -0.68	22.18 0.30 -0.58	22.47 0.20 -0.50	21.57 -0.13 -0.48	21.32 -0.19 -0.37	19.65 -0.17 -0.49	19.42 -0.16 -0.06	18.11 -0.07 0.00	18.72 -0.07 -0.15	19.50 0.04 -0.45	21.80 0.30 -0.25	21.84 0.45 -0.01	22.27 0.36 -0.61	21.16 0.15 0.00	20.08 -0.02 -0.04	19.01 0.00 -0.01
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	22.26 -0.11 0.00	20.88 0.06 0.00	19.29 0.00 0.00	18.02 -0.09 0.00	18.15 -0.04 0.00	18.55 -0.04 0.00	20.83 -0.40 0.00	20.00 -1.53 -0.22	21.06 -1.07 -0.64	20.86 -0.98 -0.55	21.22 -1.02 -0.47	20.33 -1.34 -0.45	20.22 -1.27 -0.34	18.64 -1.16 -0.46	18.39 -1.19 -0.06	17.25 -0.93 0.00	17.61 -1.17 -0.14	18.25 -1.18 -0.42	20.32 -1.17 -0.23	20.34 -1.05 -0.01	20.74 -1.13 -0.57	19.86 -1.16 0.00	18.89 -1.20 -0.03	18.04 -0.97 -0.01
SAWYER___23_KV_LOAD 55526	22.26 -0.11 0.00	20.88 0.06 0.00	19.29 0.00 0.00	18.02 -0.09 0.00	18.15 -0.04 0.00	18.55 -0.04 0.00	20.83 -0.40 0.00	20.00 -1.53 -0.22	21.06 -1.07 -0.64	20.86 -0.98 -0.55	21.22 -1.02 -0.47	20.33 -1.34 -0.45	20.22 -1.27 -0.34	18.64 -1.16 -0.46	18.39 -1.19 -0.06	17.25 -0.93 0.00	17.61 -1.17 -0.14	18.25 -1.18 -0.42	20.32 -1.17 -0.23	20.34 -1.05 -0.01	20.74 -1.13 -0.57	19.86 -1.16 0.00	18.89 -1.20 -0.03	18.04 -0.97 -0.01
SELKIRK___I 23801	22.95 0.58 0.00	21.23 0.42 0.00	19.70 0.41 0.00	18.50 0.40 0.00	18.57 0.38 0.00	19.03 0.45 0.00	21.83 0.59 0.00	24.12 0.68 -2.12	28.35 0.62 -6.24	28.03 0.64 -6.09	28.26 0.65 -5.83	28.06 0.62 -6.23	26.76 0.63 -4.98	26.64 0.58 -6.73	24.07 0.59 -3.97	22.97 0.54 -4.24	24.77 0.58 -5.55	27.77 0.57 -8.18	29.49 0.64 -7.59	28.00 0.66 -5.95	28.63 0.66 -6.67	23.15 0.63 -1.50	21.66 0.60 -1.00	19.67 0.57 -0.11
SELKIRK___II 23799	22.82 0.45 0.00	21.10 0.29 0.00	19.58 0.29 0.00	18.40 0.29 0.00	18.46 0.27 0.00	18.92 0.33 0.00	21.70 0.47 0.00	24.02 0.55 -2.15	28.33 0.51 -6.33	27.96 0.51 -6.15	28.16 0.52 -5.87	27.96 0.49 -6.26	26.63 0.49 -5.00	26.52 0.45 -6.75	23.88 0.45 -3.90	22.77 0.44 -4.16	24.60 0.47 -5.49	27.65 0.48 -8.16	29.31 0.53 -7.53	27.78 0.55 -5.84	28.58 0.55 -6.73	23.02 0.53 -1.48	21.56 0.50 -0.99	19.58 0.48 -0.11
SENECA OSWGO___HYD 24041	22.89 0.51 0.00	21.25 0.44 0.00	19.66 0.37 0.00	18.45 0.34 0.00	18.55 0.36 0.00	18.93 0.35 0.00	21.57 0.34 0.00	21.88 0.45 -0.12	22.33 0.49 -0.34	22.04 0.45 -0.29	22.50 0.48 -0.25	21.84 0.38 -0.24	21.65 0.32 -0.18	19.87 0.29 -0.25	19.86 0.31 -0.03	18.44 0.25 0.00	18.96 0.24 -0.07	19.51 0.27 -0.22	21.78 0.40 -0.13	21.86 0.47 0.00	22.03 0.43 -0.31	21.33 0.32 0.00	20.36 0.28 -0.02	19.23 0.23 -0.01
SENECA___115KV_TB3 355854	22.64 0.27 0.00	21.23 0.42 0.00	19.60 0.31 0.00	18.31 0.20 0.00	18.45 0.25 0.00	18.84 0.26 0.00	21.17 -0.06 0.00	20.14 -1.41 -0.23	21.18 -0.97 -0.66	21.01 -0.85 -0.56	21.34 -0.91 -0.48	20.43 -1.25 -0.47	20.32 -1.18 -0.36	18.71 -1.10 -0.48	18.45 -1.13 -0.06	17.51 -0.67 0.00	17.67 -1.12 -0.14	18.34 -1.10 -0.43	20.41 -1.08 -0.24	20.66 -0.73 -0.01	20.84 -1.04 -0.59	20.17 -0.84 0.00	19.13 -0.96 -0.04	18.30 -0.70 -0.01
SENECA___ENERGY 23797	22.55 0.18 0.00	20.94 0.13 0.00	19.37 0.08 0.00	18.16 0.05 0.00	18.28 0.09 0.00	18.68 0.09 0.00	21.25 0.02 0.00	21.52 0.02 -0.18	22.03 0.02 -0.52	21.74 0.00 -0.44	22.10 -0.04 -0.38	21.41 -0.17 -0.37	21.19 -0.23 -0.28	19.51 -0.19 -0.37	19.39 -0.18 -0.04	18.05 -0.13 0.00	18.61 -0.15 -0.11	19.24 -0.11 -0.34	21.38 -0.06 -0.19	21.45 0.06 -0.01	21.74 -0.02 -0.46	20.89 -0.13 0.00	19.91 -0.18 -0.03	18.83 -0.17 -0.01
SHOEMAKER___GT 23640	23.40 1.03 0.00	21.58 0.77 0.00	20.01 0.71 0.00	18.78 0.67 0.00	18.84 0.65 0.00	19.25 0.67 0.00	22.15 0.91 0.00	23.62 1.00 -1.30	26.33 1.01 -3.83	21.79 0.98 0.49	19.53 1.00 3.24	16.33 0.93 5.82	16.39 0.91 5.66	12.42 0.83 7.75	4.49 0.84 15.87	-1.00 0.84 20.02	0.38 0.84 19.11	2.88 0.84 16.97	-1.54 1.00 23.79	-5.26 1.09 27.73	20.42 1.02 1.90	14.91 1.01 7.11	18.05 0.94 2.95	19.95 0.89 -0.07
SHOEMAKR_138KV_BK 111 55601	23.40 1.03 0.00	21.58 0.77 0.00	20.01 0.71 0.00	18.78 0.67 0.00	18.85 0.65 0.00	19.25 0.67 0.00	22.15 0.91 0.00	23.56 0.96 -1.28	26.28 1.01 -3.78	20.08 1.00 2.22	16.80 1.02 6.00	12.47 0.95 9.70	12.91 0.93 9.17	7.67 0.85 12.52	-2.80 0.86 23.18	-10.00 0.85 29.04	-8.60 0.86 28.11	-5.91 0.86 25.78	-12.89 1.02 35.16	-17.79 1.09 40.26	17.98 1.02 4.34	11.70 1.01 10.32	16.62 0.94 4.38	19.95 0.89 -0.07

SHOREHAM_IC_1 23715	24.91 2.53 -0.01	22.75 1.94 0.00	20.99 1.70 0.00	19.79 1.68 0.00	19.95 1.76 0.00	20.38 1.80 0.00	23.40 2.17 0.00	25.30 2.37 -1.61	28.63 2.41 -4.74	29.45 2.51 -5.64	30.17 2.37 -6.03	30.60 2.38 -7.01	29.24 2.26 -5.83	29.33 2.11 -7.89	28.97 2.15 -7.30	28.75 2.04 -8.53	30.34 2.14 -9.55	32.96 2.19 -11.76	48.59 2.44 -24.89	35.96 2.56 -12.01	32.51 2.49 -8.72	27.69 2.52 -4.15	24.20 2.43 -1.72	21.32 2.24 -0.08
SHOREHAM_IC_2 23716	24.91 2.53 -0.01	22.75 1.94 0.00	20.99 1.70 0.00	19.79 1.68 0.00	19.95 1.76 0.00	20.38 1.80 0.00	23.40 2.17 0.00	25.30 2.37 -1.61	28.63 2.41 -4.74	29.45 2.51 -5.64	30.17 2.37 -6.03	30.60 2.38 -7.01	29.24 2.26 -5.83	29.33 2.11 -7.89	28.97 2.15 -7.30	28.75 2.04 -8.53	30.34 2.14 -9.55	32.96 2.19 -11.76	48.59 2.44 -24.89	35.96 2.56 -12.01	32.51 2.49 -8.72	27.69 2.52 -4.15	24.20 2.43 -1.72	21.32 2.24 -0.08
SISSONVILLE____ 23735	22.10 -0.27 0.00	20.71 -0.10 0.00	19.16 -0.14 0.00	18.00 -0.11 0.00	18.06 -0.13 0.00	18.43 -0.15 0.00	21.02 -0.21 0.00	21.13 -0.19 0.00	21.21 -0.28 0.00	21.09 -0.21 0.00	21.57 -0.20 0.00	21.06 -0.15 0.00	21.00 -0.15 0.00	19.20 -0.14 0.00	19.37 -0.16 0.00	18.00 -0.18 0.00	18.41 -0.24 0.00	18.67 -0.34 0.00	20.85 -0.40 0.00	20.91 -0.47 0.00	20.85 -0.45 0.00	20.68 -0.34 0.00	19.74 -0.32 0.00	18.73 -0.27 0.00
SITHE_IND_GS1 24169	22.01 -0.36 0.00	20.46 -0.35 0.00	18.96 -0.33 0.00	17.78 -0.33 0.00	17.88 -0.31 0.00	18.25 -0.33 0.00	20.81 -0.42 0.00	21.00 -0.41 -0.09	21.33 -0.41 -0.25	21.11 -0.41 -0.21	21.54 -0.41 -0.18	20.92 -0.47 -0.18	20.80 -0.49 -0.13	19.07 -0.44 -0.18	19.10 -0.45 -0.02	17.74 -0.44 0.00	18.27 -0.43 -0.05	18.74 -0.44 -0.16	20.88 -0.47 -0.09	20.96 -0.43 0.00	21.10 -0.43 -0.22	20.53 -0.48 0.00	19.63 -0.44 -0.01	18.58 -0.42 0.00
SITHE_IND_GS2 24170	22.01 -0.36 0.00	20.46 -0.35 0.00	18.96 -0.33 0.00	17.78 -0.33 0.00	17.88 -0.31 0.00	18.25 -0.33 0.00	20.81 -0.42 0.00	21.00 -0.41 -0.09	21.33 -0.41 -0.25	21.11 -0.41 -0.21	21.54 -0.41 -0.18	20.92 -0.47 -0.18	20.80 -0.49 -0.13	19.07 -0.44 -0.18	19.10 -0.45 -0.02	17.74 -0.44 0.00	18.27 -0.43 -0.05	18.74 -0.44 -0.16	20.88 -0.47 -0.09	20.96 -0.43 0.00	21.10 -0.43 -0.22	20.53 -0.48 0.00	19.63 -0.44 -0.01	18.58 -0.42 0.00
SITHE_IND_GS3 24171	22.01 -0.36 0.00	20.46 -0.35 0.00	18.96 -0.33 0.00	17.78 -0.33 0.00	17.88 -0.31 0.00	18.25 -0.33 0.00	20.81 -0.42 0.00	21.00 -0.41 -0.09	21.33 -0.41 -0.25	21.11 -0.41 -0.21	21.54 -0.41 -0.18	20.92 -0.47 -0.18	20.80 -0.49 -0.13	19.07 -0.44 -0.18	19.10 -0.45 -0.02	17.74 -0.44 0.00	18.27 -0.43 -0.05	18.74 -0.44 -0.16	20.88 -0.47 -0.09	20.96 -0.43 0.00	21.10 -0.43 -0.22	20.53 -0.48 0.00	19.63 -0.44 -0.01	18.58 -0.42 0.00
SITHE_IND_GS4 24172	22.01 -0.36 0.00	20.46 -0.35 0.00	18.96 -0.33 0.00	17.78 -0.33 0.00	17.88 -0.31 0.00	18.25 -0.33 0.00	20.81 -0.42 0.00	21.00 -0.41 -0.09	21.33 -0.41 -0.25	21.11 -0.41 -0.21	21.54 -0.41 -0.18	20.92 -0.47 -0.18	20.80 -0.49 -0.13	19.07 -0.44 -0.18	19.10 -0.45 -0.02	17.74 -0.44 0.00	18.27 -0.43 -0.05	18.74 -0.44 -0.16	20.88 -0.47 -0.09	20.96 -0.43 0.00	21.10 -0.43 -0.22	20.53 -0.48 0.00	19.63 -0.44 -0.01	18.58 -0.42 0.00
SITHE____BATAVIA 24024	22.62 0.25 0.00	21.14 0.33 0.00	19.56 0.27 0.00	18.27 0.16 0.00	18.41 0.22 0.00	18.81 0.22 0.00	21.13 -0.11 0.00	21.17 -0.34 -0.19	21.64 -0.41 -0.56	21.41 -0.36 -0.48	21.76 -0.41 -0.41	20.87 -0.74 -0.40	20.67 -0.78 -0.30	19.06 -0.68 -0.40	18.89 -0.68 -0.05	17.58 -0.60 0.00	18.11 -0.65 -0.12	18.75 -0.63 -0.36	20.76 -0.70 -0.20	20.90 -0.49 -0.01	21.33 -0.47 -0.50	20.32 -0.69 0.00	19.29 -0.80 -0.03	18.36 -0.65 -0.01
SITHE____INDEPEND 23800	22.01 -0.36 0.00	20.46 -0.35 0.00	18.97 -0.33 0.00	17.78 -0.33 0.00	17.88 -0.31 0.00	18.25 -0.33 0.00	20.81 -0.42 0.00	20.91 -0.49 -0.09	21.33 -0.41 -0.25	21.11 -0.40 -0.21	21.54 -0.41 -0.18	20.92 -0.47 -0.18	20.80 -0.49 -0.13	19.07 -0.44 -0.18	19.09 -0.45 -0.02	17.74 -0.44 0.00	18.27 -0.43 -0.05	18.74 -0.44 -0.16	20.92 -0.43 -0.09	20.96 -0.43 0.00	21.09 -0.43 -0.22	20.53 -0.48 0.00	19.63 -0.44 -0.01	18.56 -0.44 0.00
SITHE____MASSENA 23902	21.99 -0.38 0.00	20.60 -0.21 0.00	19.06 -0.23 0.00	17.91 -0.20 0.00	17.99 -0.20 0.00	18.34 -0.24 0.00	20.94 -0.30 0.00	20.91 -0.41 0.00	21.12 -0.37 0.00	20.98 -0.32 0.00	21.47 -0.30 0.00	21.00 -0.21 0.00	20.96 -0.19 0.00	19.16 -0.17 0.00	19.35 -0.18 0.00	17.98 -0.20 0.00	18.44 -0.20 0.00	18.77 -0.25 0.00	20.96 -0.30 0.00	20.97 -0.41 0.00	20.94 -0.36 0.00	20.70 -0.31 0.00	19.72 -0.34 0.00	18.71 -0.28 0.00
SITHE____OGDNSBRG 24021	22.21 -0.16 0.00	20.81 0.00 0.00	19.25 -0.04 0.00	18.07 -0.04 0.00	18.15 -0.04 0.00	18.53 -0.06 0.00	21.11 -0.13 0.00	21.23 -0.09 0.00	21.30 -0.19 0.00	21.15 -0.15 0.00	21.66 -0.11 0.00	21.15 -0.06 0.00	21.10 -0.04 0.00	19.28 -0.06 0.00	19.46 -0.06 0.00	18.09 -0.09 0.00	18.54 -0.11 0.00	18.86 -0.15 0.00	21.06 -0.19 0.00	21.15 -0.24 0.00	21.06 -0.23 0.00	20.85 -0.17 0.00	19.86 -0.20 0.00	18.82 -0.17 0.00
SITHE____STERLING 23777	23.04 0.67 0.00	21.39 0.58 0.00	19.81 0.52 0.00	18.56 0.45 0.00	18.68 0.49 0.00	19.08 0.50 0.00	21.76 0.53 0.00	21.96 0.55 -0.08	22.34 0.60 -0.25	22.04 0.53 -0.21	22.50 0.54 -0.18	21.79 0.40 -0.18	21.66 0.38 -0.13	19.86 0.35 -0.18	19.89 0.35 -0.02	18.51 0.33 0.00	19.02 0.32 -0.05	19.50 0.32 -0.16	21.79 0.45 -0.09	21.92 0.53 0.00	21.99 0.47 -0.22	21.41 0.40 0.00	20.41 0.34 -0.01	19.30 0.30 0.00
SLEIGHT__34_KV_TB1 80719	23.04 0.67 0.00	21.40 0.58 0.00	19.79 0.50 0.00	18.56 0.45 0.00	18.66 0.47 0.00	19.08 0.50 0.00	21.72 0.49 0.00	21.93 0.45 -0.16	22.63 0.67 -0.48	22.34 0.64 -0.41	22.80 0.67 -0.35	22.08 0.53 -0.34	21.85 0.44 -0.26	20.09 0.41 -0.35	19.97 0.41 -0.04	18.53 0.35 0.00	19.12 0.37 -0.10	19.73 0.40 -0.31	22.02 0.60 -0.17	22.03 0.64 -0.01	22.32 0.60 -0.43	21.41 0.40 0.00	20.39 0.30 -0.03	19.25 0.25 -0.01
SOUTH CAIRO____GT 23612	23.33 0.96 0.00	21.54 0.73 0.00	19.99 0.69 0.00	18.76 0.65 0.00	18.68 0.49 0.00	19.12 0.54 0.00	22.08 0.85 0.00	24.27 0.94 -2.01	28.16 0.75 -5.92	27.93 0.75 -5.88	28.26 0.78 -5.71	28.17 0.81 -6.15	26.83 0.74 -4.95	26.67 0.66 -6.68	24.34 0.61 -4.21	23.38 0.62 -4.58	25.21 0.76 -5.79	28.00 0.70 -8.28	30.07 0.93 -7.88	28.73 0.96 -6.39	28.66 0.89 -6.47	23.45 0.82 -1.62	21.86 0.76 -1.04	19.82 0.72 -0.10
SOUTH HAMPTN____IC 23720	25.22 2.84 -0.01	23.04 2.23 0.00	21.24 1.95 0.00	20.03 1.92 0.00	20.19 2.00 0.00	20.63 2.04 0.00	23.65 2.42 0.00	25.59 2.66 -1.61	28.93 2.71 -4.74	29.81 2.87 -5.64	30.56 2.77 -6.03	30.98 2.76 -7.01	29.62 2.64 -5.83	29.66 2.44 -7.89	29.30 2.48 -7.30	29.04 2.33 -8.53	30.64 2.44 -9.55	33.26 2.49 -11.76	48.42 2.81 -24.36	36.32 2.93 -12.01	32.87 2.85 -8.72	28.00 2.84 -4.15	24.48 2.71 -1.72	21.57 2.49 -0.08

SOUTHDOW_115KV_TB1 355954	23.49 1.12 0.00	22.00 1.19 0.00	20.28 0.98 0.00	18.90 0.80 0.00	19.03 0.84 0.00	19.40 0.82 0.00	21.81 0.57 0.00	20.56 -1.00 -0.24	21.64 -0.56 -0.71	21.48 -0.43 -0.60	21.81 -0.48 -0.52	20.83 -0.89 -0.50	20.64 -0.89 -0.38	18.98 -0.87 -0.51	18.63 -0.96 -0.06	17.89 -0.29 0.00	17.79 -1.01 -0.15	18.47 -1.01 -0.46	20.60 -0.91 -0.26	21.18 -0.21 -0.01	21.10 -0.83 -0.63	20.61 -0.40 0.00	19.43 -0.66 -0.04	18.57 -0.44 -0.01
SOUTHOLD_69_KV_BK 2 55809	25.66 3.29 0.00	23.41 2.60 0.00	21.57 2.28 0.00	20.33 2.23 0.00	20.50 2.31 0.00	20.85 2.27 0.00	24.04 2.80 0.00	25.89 2.96 -1.61	29.30 3.07 -4.74	30.26 3.32 -5.64	31.04 3.24 -6.03	31.44 3.22 -7.00	30.08 3.11 -5.83	30.07 2.84 -7.89	29.71 2.89 -7.30	29.44 2.73 -8.53	31.04 2.85 -9.54	33.70 2.93 -11.76	48.94 3.32 -24.37	36.90 3.51 -12.01	33.36 3.34 -8.72	28.45 3.28 -4.15	24.84 3.07 -1.72	21.91 2.83 -0.08
SOUTHOLD___IC 23719	25.64 3.27 -0.01	23.41 2.60 0.00	21.57 2.28 0.00	20.33 2.23 0.00	20.52 2.33 0.00	20.94 2.36 0.00	24.04 2.80 0.00	25.98 3.05 -1.61	29.36 3.14 -4.74	30.26 3.32 -5.64	31.04 3.24 -6.03	31.44 3.22 -7.01	30.06 3.09 -5.83	30.07 2.84 -7.89	29.71 2.89 -7.30	29.44 2.73 -8.53	31.05 2.85 -9.55	33.70 2.93 -11.76	48.92 3.29 -24.37	36.83 3.44 -12.01	33.36 3.34 -8.72	28.44 3.28 -4.15	24.86 3.09 -1.72	21.91 2.83 -0.08
SPIERFLS_115KV_TB 1 80737	23.87 1.50 0.00	22.04 1.23 0.00	20.41 1.12 0.00	19.18 1.07 0.00	19.26 1.07 0.00	19.73 1.15 0.00	22.76 1.53 0.00	24.91 1.39 -2.21	29.35 1.38 -6.49	29.18 1.62 -6.27	29.42 1.70 -5.95	29.20 1.68 -6.31	27.87 1.69 -5.03	27.65 1.53 -6.79	24.67 1.35 -3.81	23.45 1.25 -4.01	25.32 1.29 -5.39	28.37 1.22 -8.14	30.22 1.55 -7.41	28.62 1.58 -5.66	29.75 1.62 -6.83	24.00 1.56 -1.43	22.46 1.42 -0.98	20.44 1.33 -0.11
ST LAWRENCE____ 23600	21.81 -0.56 0.00	20.44 -0.37 0.00	18.93 -0.37 0.00	17.78 -0.33 0.00	17.84 -0.35 0.00	18.23 -0.35 0.00	20.79 -0.45 0.00	20.81 -0.51 0.00	20.97 -0.52 0.00	20.81 -0.49 0.00	21.29 -0.48 0.00	20.83 -0.38 0.00	20.81 -0.34 0.00	19.00 -0.33 0.00	19.19 -0.33 0.00	17.85 -0.33 0.00	18.31 -0.34 0.00	18.65 -0.36 0.00	20.81 -0.45 0.00	20.85 -0.53 0.00	20.81 -0.49 0.00	20.59 -0.42 0.00	19.64 -0.42 0.00	18.61 -0.38 0.00
STATE_CA_115KV_115_LB 55624	22.80 0.43 0.00	21.06 0.25 0.00	19.54 0.25 0.00	18.36 0.25 0.00	18.46 0.27 0.00	18.88 0.30 0.00	21.68 0.45 0.00	24.04 0.55 -2.17	28.38 0.52 -6.38	28.03 0.53 -6.20	28.22 0.54 -5.91	28.01 0.51 -6.29	26.70 0.53 -5.02	26.59 0.48 -6.78	23.91 0.49 -3.90	22.78 0.45 -4.14	24.62 0.48 -5.49	27.70 0.49 -8.19	29.34 0.55 -7.54	27.79 0.58 -5.83	28.60 0.53 -6.77	22.99 0.50 -1.47	21.54 0.48 -1.00	19.56 0.46 -0.11
STATE_ST_34_KV_LOAD 55959	22.80 0.43 0.00	21.17 0.35 0.00	19.60 0.31 0.00	18.38 0.27 0.00	18.48 0.29 0.00	18.90 0.32 0.00	21.53 0.30 0.00	21.73 0.23 -0.17	22.39 0.39 -0.51	22.07 0.34 -0.43	22.49 0.35 -0.37	21.83 0.25 -0.36	21.63 0.21 -0.27	19.88 0.17 -0.37	19.74 0.18 -0.04	18.36 0.18 0.00	18.93 0.17 -0.11	19.56 0.21 -0.33	21.80 0.36 -0.19	21.82 0.43 -0.01	22.09 0.34 -0.45	21.25 0.23 0.00	20.27 0.18 -0.03	19.14 0.13 -0.01
STATION 5_MISC_HYD 23604	22.41 0.04 0.00	20.85 0.04 0.00	19.31 0.02 0.00	18.07 -0.04 0.00	18.19 0.00 0.00	18.56 -0.02 0.00	21.04 -0.19 0.00	21.35 -0.13 -0.16	21.83 -0.13 -0.47	21.59 -0.11 -0.40	21.99 -0.13 -0.34	21.21 -0.34 -0.33	21.02 -0.38 -0.25	19.36 -0.31 -0.34	19.25 -0.31 -0.04	17.78 -0.40 0.00	18.43 -0.32 -0.10	19.02 -0.30 -0.31	21.11 -0.32 -0.17	21.09 -0.30 -0.01	21.55 -0.17 -0.42	20.53 -0.48 0.00	19.54 -0.54 -0.03	18.53 -0.47 -0.01
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	22.62 0.25 0.00	21.02 0.21 0.00	19.47 0.17 0.00	18.22 0.11 0.00	18.34 0.15 0.00	18.73 0.15 0.00	21.25 0.02 0.00	21.33 -0.15 -0.16	22.12 0.15 -0.48	21.83 0.13 -0.41	22.23 0.11 -0.35	21.47 -0.08 -0.34	21.28 -0.13 -0.26	19.56 -0.12 -0.35	19.47 -0.10 -0.04	18.04 -0.15 0.00	18.66 -0.09 -0.10	19.25 -0.08 -0.31	21.47 0.04 -0.17	21.43 0.04 -0.01	21.79 0.06 -0.43	20.85 -0.17 0.00	19.84 -0.24 -0.03	18.76 -0.25 -0.01
STA_56_34_KV_BUS2_REV_LBMP_B 345033	22.28 -0.09 0.00	20.73 -0.08 0.00	19.20 -0.10 0.00	17.96 -0.14 0.00	18.08 -0.11 0.00	18.45 -0.13 0.00	20.91 -0.32 0.00	20.95 -0.53 -0.16	21.74 -0.21 -0.47	21.50 -0.19 -0.40	21.90 -0.22 -0.34	21.14 -0.40 -0.33	20.95 -0.44 -0.25	19.28 -0.39 -0.34	19.17 -0.39 -0.04	17.71 -0.47 0.00	18.38 -0.37 -0.10	18.96 -0.36 -0.31	21.13 -0.30 -0.17	21.00 -0.38 -0.01	21.46 -0.26 -0.42	20.45 -0.57 0.00	19.48 -0.60 -0.03	18.43 -0.57 -0.01
STA_56___34_KV_BUS2 355983	22.28 -0.09 0.00	20.73 -0.08 0.00	19.20 -0.10 0.00	17.96 -0.14 0.00	18.08 -0.11 0.00	18.45 -0.13 0.00	20.91 -0.32 0.00	20.95 -0.53 -0.16	21.74 -0.21 -0.47	21.50 -0.19 -0.40	21.90 -0.22 -0.34	21.14 -0.40 -0.33	20.95 -0.44 -0.25	19.28 -0.39 -0.34	19.17 -0.39 -0.04	17.71 -0.47 0.00	18.38 -0.37 -0.10	18.96 -0.36 -0.31	21.13 -0.30 -0.17	21.00 -0.38 -0.01	21.46 -0.26 -0.42	20.45 -0.57 0.00	19.48 -0.60 -0.03	18.43 -0.57 -0.01
STA_67___115KV_BK2 355882	22.37 0.00 0.00	20.81 0.00 0.00	19.27 -0.02 0.00	18.03 -0.07 0.00	18.15 -0.04 0.00	18.53 -0.06 0.00	21.00 -0.23 0.00	20.99 -0.49 -0.16	21.79 -0.17 -0.47	21.55 -0.15 -0.40	21.94 -0.17 -0.34	21.16 -0.38 -0.33	21.00 -0.40 -0.25	19.33 -0.35 -0.34	19.21 -0.35 -0.04	17.74 -0.44 0.00	18.41 -0.34 -0.10	19.00 -0.32 -0.31	21.17 -0.26 -0.17	21.05 -0.34 -0.01	21.50 -0.21 -0.42	20.49 -0.53 0.00	19.54 -0.54 -0.03	18.49 -0.51 -0.01
STA_7___115KV_9TRANS 80674	22.50 0.13 0.00	20.94 0.12 0.00	19.39 0.10 0.00	18.12 0.02 0.00	18.25 0.05 0.00	18.64 0.06 0.00	21.11 -0.13 0.00	21.10 -0.38 -0.16	21.92 -0.04 -0.47	21.68 -0.02 -0.40	22.07 -0.04 -0.34	21.29 -0.25 -0.33	21.10 -0.30 -0.25	19.44 -0.23 -0.34	19.33 -0.23 -0.04	17.85 -0.33 0.00	18.51 -0.24 -0.10	19.09 -0.23 -0.31	21.32 -0.11 -0.17	21.20 -0.19 -0.01	21.65 -0.06 -0.42	20.61 -0.40 0.00	19.64 -0.44 -0.03	18.59 -0.42 -0.01
STA_82___115KV_TB1 80780	22.37 0.00 0.00	20.83 0.02 0.00	19.29 0.00 0.00	18.03 -0.07 0.00	18.17 -0.02 0.00	18.55 -0.04 0.00	21.00 -0.23 0.00	20.99 -0.49 -0.16	21.81 -0.15 -0.47	21.55 -0.15 -0.40	21.96 -0.15 -0.35	21.19 -0.36 -0.40	21.00 -0.40 -0.35	19.33 -0.35 -0.34	19.23 -0.33 -0.04	17.74 -0.44 0.00	18.41 -0.34 -0.10	19.00 -0.32 -0.31	21.19 -0.23 -0.17	21.05 -0.34 -0.01	21.53 -0.19 -0.42	20.51 -0.50 0.00	19.54 -0.54 -0.03	18.51 -0.49 -0.01
STEEL___WIND 323596	22.62 0.25 0.00	21.21 0.39 0.00	19.58 0.29 0.00	18.29 0.18 0.00	18.43 0.24 0.00	18.82 0.24 0.00	21.15 -0.08 0.00	20.71 -0.83 -0.23	21.16 -0.99 -0.66	20.99 -0.87 -0.56	21.32 -0.94 -0.48	20.41 -1.27 -0.47	20.26 -1.25 -0.36	18.69 -1.12 -0.48	18.43 -1.15 -0.06	17.49 -0.69 0.00	17.65 -1.14 -0.14	18.33 -1.12 -0.43	20.20 -1.30 -0.24	20.64 -0.75 -0.01	20.82 -1.06 -0.59	20.15 -0.86 0.00	19.15 -0.94 -0.04	18.30 -0.70 -0.01

STEPHTWN_115KV_BK_2 55603	22.93 0.56 0.00	21.19 0.37 0.00	19.66 0.37 0.00	18.47 0.36 0.00	18.55 0.36 0.00	18.97 0.39 0.00	21.85 0.62 0.00	24.20 0.72 -2.15	28.49 0.67 -6.33	28.15 0.68 -6.17	28.36 0.70 -5.89	28.15 0.66 -6.28	26.86 0.70 -5.02	26.72 0.62 -6.77	24.08 0.62 -3.94	22.95 0.58 -4.19	24.81 0.63 -5.53	27.85 0.63 -8.21	29.56 0.72 -7.58	28.01 0.73 -5.90	28.74 0.70 -6.74	23.18 0.67 -1.49	21.68 0.62 -1.00	19.69 0.59 -0.11
STEBEN_REC_LFGE 323667	23.35 0.98 0.00	21.79 0.98 0.00	20.10 0.81 0.00	18.83 0.72 0.00	18.94 0.75 0.00	19.38 0.80 0.00	21.87 0.64 0.00	21.40 -0.21 -0.29	22.48 0.13 -0.87	22.14 0.11 -0.74	22.45 0.04 -0.63	21.55 -0.28 -0.61	21.27 -0.34 -0.47	19.61 -0.35 -0.62	19.24 -0.35 -0.07	18.13 -0.05 0.00	18.42 -0.41 -0.19	19.22 -0.36 -0.56	21.36 -0.21 -0.32	21.59 0.19 -0.01	21.88 -0.19 -0.77	20.95 -0.06 0.00	19.86 -0.24 -0.05	18.86 -0.15 -0.02
STONY__BROOK 24151	24.75 2.37 -0.01	22.62 1.81 0.00	20.88 1.58 0.00	19.66 1.56 0.00	19.83 1.64 0.00	20.26 1.67 0.00	23.27 2.04 0.00	25.17 2.24 -1.61	28.53 2.30 -4.74	29.34 2.41 -5.64	30.04 2.24 -6.03	30.45 2.23 -7.02	29.13 2.16 -5.83	29.22 1.99 -7.89	28.86 2.03 -7.30	28.63 1.91 -8.54	30.20 2.00 -9.55	32.85 2.05 -11.78	51.89 2.32 -28.32	35.83 2.42 -12.03	32.38 2.34 -8.74	27.51 2.33 -4.16	24.04 2.27 -1.72	21.19 2.11 -0.08
STURGEON_POOL_HYD 23609	23.49 1.12 0.00	21.62 0.81 0.00	20.06 0.77 0.00	18.85 0.74 0.00	18.86 0.67 0.00	19.27 0.69 0.00	22.21 0.98 0.00	24.04 1.02 -1.70	27.56 1.07 -4.99	27.62 1.06 -5.26	28.17 1.09 -5.31	28.15 1.04 -5.90	26.93 0.97 -4.81	26.73 0.89 -6.50	25.30 0.88 -4.90	24.59 0.89 -5.52	26.03 0.91 -6.47	28.44 0.89 -8.54	31.01 1.11 -8.65	30.16 1.18 -7.60	28.29 1.11 -5.88	24.04 1.09 -1.93	22.25 1.06 -1.12	20.07 0.99 -0.09
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	23.49 1.12 0.00	21.65 0.83 0.00	20.06 0.77 0.00	18.85 0.74 0.00	18.90 0.71 0.00	19.33 0.74 0.00	22.25 1.02 0.00	23.76 1.09 -1.36	26.62 1.14 -3.99	27.71 1.13 -5.29	28.88 1.15 -5.96	29.43 1.08 -7.13	28.24 1.06 -6.04	28.48 0.97 -8.18	29.01 0.98 -8.51	29.24 0.96 -10.09	30.53 0.95 -10.93	32.43 0.97 -12.45	36.59 1.15 -14.19	36.70 1.22 -14.10	28.68 1.15 -6.23	25.75 1.13 -3.60	22.93 1.06 -1.81	20.07 1.01 -0.07
SWANROAD_115KV_TB1 355699	21.77 -0.60 0.00	20.48 -0.33 0.00	18.95 -0.35 0.00	17.71 -0.40 0.00	17.84 -0.35 0.00	18.21 -0.37 0.00	20.36 -0.87 0.00	19.65 -1.88 -0.21	20.68 -1.42 -0.61	20.50 -1.32 -0.52	20.85 -1.37 -0.45	19.97 -1.68 -0.44	19.87 -1.61 -0.33	18.31 -1.47 -0.44	18.09 -1.48 -0.05	16.87 -1.31 0.00	17.32 -1.45 -0.13	17.95 -1.46 -0.40	19.97 -1.51 -0.22	19.85 -1.54 -0.01	20.37 -1.47 -0.55	19.42 -1.60 0.00	18.49 -1.60 -0.03	17.66 -1.35 -0.01
SYNERGY__BIOGAS 323694	22.62 0.25 0.00	21.14 0.33 0.00	19.56 0.27 0.00	18.27 0.16 0.00	18.41 0.22 0.00	18.81 0.22 0.00	21.13 -0.11 0.00	21.17 -0.34 -0.19	21.64 -0.41 -0.56	21.41 -0.36 -0.48	21.76 -0.41 -0.41	20.87 -0.74 -0.40	20.67 -0.78 -0.30	19.06 -0.68 -0.40	18.89 -0.68 -0.05	17.58 -0.60 0.00	18.11 -0.65 -0.12	18.75 -0.63 -0.36	20.76 -0.70 -0.20	20.90 -0.49 -0.01	21.33 -0.47 -0.50	20.32 -0.69 0.00	19.29 -0.80 -0.03	18.36 -0.65 -0.01
SYRACUSE__ENERGY_ST1 323597	22.68 0.31 0.00	21.06 0.25 0.00	19.51 0.21 0.00	18.31 0.20 0.00	18.39 0.20 0.00	18.79 0.20 0.00	21.40 0.17 0.00	21.59 0.13 -0.14	22.15 0.26 -0.41	21.88 0.23 -0.35	22.33 0.26 -0.30	21.69 0.19 -0.29	21.51 0.15 -0.22	19.74 0.12 -0.29	19.69 0.14 -0.03	18.29 0.11 0.00	18.83 0.09 -0.09	19.39 0.11 -0.27	21.61 0.21 -0.15	21.64 0.26 -0.01	21.87 0.21 -0.36	21.14 0.13 0.00	20.20 0.12 -0.02	19.08 0.08 -0.01
SYRACUSE__ENERGY_ST2 323598	22.68 0.31 0.00	21.06 0.25 0.00	19.51 0.21 0.00	18.31 0.20 0.00	18.39 0.20 0.00	18.79 0.20 0.00	21.40 0.17 0.00	21.59 0.13 -0.14	22.15 0.26 -0.41	21.88 0.23 -0.35	22.33 0.26 -0.30	21.69 0.19 -0.29	21.51 0.15 -0.22	19.74 0.12 -0.29	19.69 0.14 -0.03	18.29 0.11 0.00	18.83 0.09 -0.09	19.39 0.11 -0.27	21.61 0.21 -0.15	21.64 0.26 -0.01	21.87 0.21 -0.36	21.14 0.13 0.00	20.20 0.12 -0.02	19.08 0.08 -0.01
SYRACUSE__POWER 24017	22.55 0.18 0.00	20.94 0.12 0.00	19.37 0.08 0.00	18.18 0.07 0.00	18.26 0.07 0.00	18.66 0.07 0.00	21.28 0.04 0.00	21.44 -0.02 -0.15	22.02 0.11 -0.43	21.75 0.09 -0.36	22.17 0.09 -0.31	21.54 0.02 -0.30	21.38 0.00 -0.23	19.64 0.00 -0.31	19.56 0.00 0.00	18.18 0.00 -0.09	18.72 -0.02 -0.09	19.29 0.00 -0.28	21.49 0.09 -0.16	21.49 0.11 -0.01	21.76 0.09 -0.38	21.01 0.00 0.00	20.08 0.00 -0.02	18.98 -0.02 -0.01
TALLMAN__138KV_BK151 55660	23.60 1.23 0.00	21.71 0.89 0.00	20.14 0.85 0.00	18.90 0.80 0.00	18.99 0.80 0.00	19.42 0.84 0.00	22.38 1.15 0.00	23.97 1.22 -1.44	27.03 1.31 -4.23	28.34 1.28 -5.76	29.65 1.31 -6.57	30.36 1.23 -7.92	29.07 1.21 -6.72	29.55 1.10 -9.11	30.33 1.11 -9.70	30.81 1.09 -11.54	32.15 1.08 -12.42	34.13 1.10 -14.01	38.65 1.30 -16.10	38.86 1.37 -16.11	29.43 1.30 -6.83	26.41 1.28 -4.11	23.31 1.20 -2.05	20.21 1.14 -0.07
TEALLAVE_115KV_TB7 355573	22.46 0.09 0.00	20.88 0.06 0.00	19.31 0.02 0.00	18.12 0.02 0.00	18.21 0.02 0.00	18.60 0.02 0.00	21.21 -0.02 0.00	21.36 -0.09 -0.12	21.89 0.04 -0.36	21.63 0.02 -0.31	22.05 0.02 -0.26	21.42 -0.04 -0.26	21.28 -0.06 -0.19	19.53 -0.06 -0.26	19.49 -0.06 -0.03	18.11 -0.07 0.00	18.65 -0.07 -0.08	19.17 -0.08 -0.23	21.39 0.00 -0.13	21.41 0.02 0.00	21.62 0.00 -0.32	20.93 -0.08 0.00	20.00 -0.08 -0.02	18.91 -0.09 -0.01
TELGRAPH_34_KV_EAST 80808	22.30 -0.07 0.00	20.90 0.08 0.00	19.33 0.04 0.00	18.05 -0.05 0.00	18.19 0.00 0.00	18.58 0.00 0.00	20.85 -0.38 0.00	20.24 -1.28 -0.20	21.25 -0.82 -0.58	21.07 -0.72 -0.49	21.41 -0.78 -0.42	20.52 -1.10 -0.41	20.38 -1.08 -0.31	18.79 -0.97 -0.42	18.58 -1.00 -0.05	17.33 -0.85 0.00	17.80 -0.97 -0.12	18.42 -0.97 -0.38	20.55 -0.91 -0.21	20.49 -0.90 -0.01	20.94 -0.87 -0.52	19.96 -1.05 0.00	18.97 -1.12 -0.03	18.07 -0.93 -0.01
TEMPLE__115KV_TB 2 55572	22.48 0.11 0.00	20.88 0.06 0.00	19.33 0.04 0.00	18.12 0.02 0.00	18.23 0.04 0.00	18.60 0.02 0.00	21.21 -0.02 0.00	21.36 -0.09 -0.12	21.90 0.04 -0.36	21.63 0.02 -0.31	22.08 0.04 -0.27	21.43 -0.04 -0.26	21.28 -0.06 -0.20	19.54 -0.06 -0.26	19.49 -0.06 -0.03	18.13 -0.05 0.00	18.65 -0.07 -0.08	19.20 -0.06 -0.24	21.41 0.02 -0.13	21.43 0.04 0.00	21.62 0.00 -0.32	20.95 -0.06 0.00	20.02 -0.06 -0.02	18.93 -0.08 -0.01
TIANA__69_KV_BK 1 55817	25.12 2.75 0.00	22.94 2.12 0.00	21.16 1.87 0.00	19.94 1.83 0.00	20.10 1.91 0.00	20.46 1.88 0.00	23.57 2.34 0.00	25.42 2.49 -1.61	28.78 2.56 -4.74	29.71 2.77 -5.64	30.43 2.63 -6.03	30.84 2.63 -7.00	29.51 2.54 -5.83	29.54 2.32 -7.89	29.21 2.38 -7.30	28.95 2.24 -8.53	30.54 2.35 -9.54	33.17 2.40 -11.76	48.34 2.72 -24.37	36.23 2.84 -12.01	32.76 2.75 -8.72	27.90 2.73 -4.15	24.38 2.61 -1.72	21.47 2.39 -0.08

TILDEN___115KV_TB1 80814	22.55 0.18 0.00	20.94 0.12 0.00	19.37 0.08 0.00	18.18 0.07 0.00	18.26 0.07 0.00	18.66 0.07 0.00	21.28 0.04 0.00	21.44 -0.02 -0.15	22.02 0.11 -0.43	21.75 0.09 -0.36	22.17 0.09 -0.31	21.54 0.02 -0.30	21.38 0.00 -0.23	19.64 0.00 -0.31	19.56 0.00 -0.04	18.18 0.00 0.00	18.72 -0.02 -0.09	19.29 0.00 -0.28	21.49 0.09 -0.16	21.49 0.11 -0.01	21.76 0.09 -0.38	21.01 0.00 0.00	20.08 0.00 -0.02	18.98 -0.02 -0.01
TRIGEN___CC 323695	24.14 1.77 0.00	22.10 1.29 0.00	20.43 1.14 0.00	19.21 1.10 0.00	19.35 1.16 0.00	19.73 1.15 0.00	22.76 1.53 0.00	24.59 1.66 -1.61	27.94 1.72 -4.74	28.75 1.81 -5.64	29.52 1.72 -6.03	29.88 1.68 -6.99	28.63 1.65 -5.83	28.73 1.51 -7.89	28.35 1.52 -7.30	28.14 1.44 -8.52	29.67 1.49 -9.53	32.20 1.48 -11.70	35.50 1.72 -12.53	35.13 1.80 -11.95	31.68 1.73 -8.66	26.88 1.72 -4.14	23.46 1.68 -1.72	20.69 1.61 -0.08
TRINITY__115KV__4 BK 55933	22.71 0.34 0.00	20.98 0.17 0.00	19.49 0.19 0.00	18.31 0.20 0.00	18.39 0.20 0.00	18.81 0.22 0.00	21.59 0.36 0.00	23.95 0.47 -2.16	28.26 0.43 -6.34	27.90 0.43 -6.17	28.12 0.46 -5.89	27.92 0.42 -6.28	26.59 0.42 -5.02	26.49 0.39 -6.77	23.84 0.39 -3.93	22.72 0.36 -4.18	24.58 0.41 -5.52	27.64 0.42 -8.20	29.29 0.47 -7.57	27.76 0.49 -5.88	28.52 0.47 -6.75	22.94 0.44 -1.49	21.48 0.42 -1.00	19.50 0.40 -0.11
UNION___PROCESSING_DRP 323587	22.39 0.02 0.00	20.83 0.02 0.00	19.29 0.00 0.00	18.05 -0.05 0.00	18.17 -0.02 0.00	18.55 -0.04 0.00	21.02 -0.21 0.00	20.99 -0.49 -0.16	21.81 -0.15 -0.48	21.57 -0.13 -0.40	21.97 -0.15 -0.35	21.19 -0.36 -0.34	21.02 -0.38 -0.26	19.35 -0.33 -0.34	19.23 -0.33 -0.04	17.76 -0.42 0.00	18.41 -0.34 -0.10	19.00 -0.32 -0.31	21.19 -0.23 -0.17	21.05 -0.34 -0.01	21.53 -0.19 -0.42	20.51 -0.50 0.00	19.54 -0.54 -0.03	18.51 -0.49 -0.01
UPPER HUDSON___HYD 24058	23.87 1.50 0.00	22.04 1.23 0.00	20.41 1.12 0.00	19.17 1.07 0.00	19.26 1.07 0.00	19.74 1.15 0.00	22.76 1.53 0.00	24.95 1.43 -2.21	29.35 1.38 -6.49	29.21 1.64 -6.27	29.42 1.70 -5.95	29.18 1.66 -6.31	27.87 1.69 -5.03	27.65 1.53 -6.79	24.67 1.35 -3.81	23.45 1.25 -4.02	25.32 1.29 -5.39	28.37 1.22 -8.14	30.20 1.53 -7.41	28.62 1.58 -5.66	29.75 1.62 -6.83	24.00 1.56 -1.43	22.47 1.42 -0.98	20.44 1.33 -0.11
UPPER RAQUET___HYD 24056	22.10 -0.27 0.00	20.71 -0.10 0.00	19.16 -0.13 0.00	18.00 -0.11 0.00	18.06 -0.13 0.00	18.43 -0.15 0.00	21.02 -0.21 0.00	21.00 -0.32 0.00	21.23 -0.26 0.00	21.09 -0.21 0.00	21.57 -0.20 0.00	21.06 -0.15 0.00	21.04 -0.11 0.00	19.20 -0.13 0.00	19.37 -0.16 0.00	18.00 -0.18 0.00	18.41 -0.24 0.00	18.67 -0.34 0.00	20.89 -0.36 0.00	20.91 -0.47 0.00	20.85 -0.45 0.00	20.68 -0.34 0.00	19.74 -0.32 0.00	18.71 -0.28 0.00
VALLEY44_115KV_TB2 355964	22.97 0.60 0.00	21.52 0.71 0.00	19.87 0.58 0.00	18.54 0.43 0.00	18.70 0.51 0.00	19.12 0.54 0.00	21.51 0.28 0.00	19.88 -1.68 -0.25	20.86 -1.35 -0.73	20.66 -1.26 -0.62	20.99 -1.31 -0.53	20.09 -1.63 -0.51	19.93 -1.61 -0.39	18.39 -1.47 -0.52	18.10 -1.48 -0.06	17.80 -0.38 0.00	17.37 -1.44 -0.16	18.06 -1.43 -0.47	20.05 -1.47 -0.26	21.07 -0.32 -0.01	20.56 -1.38 -0.65	20.55 -0.46 0.00	19.42 -0.68 -0.04	18.65 -0.36 -0.01
VALLEY___115KV_TB 1-4 80826	22.39 0.02 0.00	20.81 0.00 0.00	19.29 0.00 0.00	18.11 0.00 0.00	18.21 0.02 0.00	18.62 0.04 0.00	21.28 0.04 0.00	21.34 0.02 0.00	21.53 0.04 0.00	21.28 -0.02 0.00	21.73 -0.04 0.00	21.11 -0.11 0.00	21.02 -0.13 0.00	19.20 -0.14 0.00	19.37 -0.16 0.00	18.04 -0.15 0.00	18.50 -0.15 0.00	18.86 -0.15 0.00	21.11 -0.15 0.00	21.23 -0.15 0.00	21.15 -0.15 0.00	20.85 -0.17 0.00	19.88 -0.18 0.00	18.79 -0.21 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	23.65 1.28 0.00	21.85 1.04 0.00	20.24 0.95 0.00	18.98 0.87 0.00	19.10 0.91 0.00	19.51 0.93 0.00	22.27 1.04 0.00	22.98 1.00 -0.66	24.62 1.20 -1.93	23.93 1.19 -1.44	24.10 1.24 -1.09	23.21 1.08 -0.92	22.85 1.08 -0.63	21.14 0.97 -0.84	19.81 0.98 0.69	18.04 0.91 1.06	18.87 0.86 0.64	20.14 0.89 -0.23	21.73 1.11 0.63	21.18 1.24 1.44	23.86 1.13 -1.43	21.71 1.07 0.38	20.96 0.96 0.06	19.88 0.85 -0.03
VISCHER___FERRY HYD 24020	23.13 0.76 0.00	21.37 0.56 0.00	19.83 0.54 0.00	18.63 0.53 0.00	18.70 0.51 0.00	19.16 0.58 0.00	22.00 0.76 0.00	24.32 0.83 -2.17	28.72 0.84 -6.40	28.37 0.85 -6.22	28.57 0.87 -5.93	28.35 0.83 -6.31	27.01 0.82 -5.04	26.89 0.75 -6.80	24.20 0.76 -3.92	23.06 0.71 -4.17	24.93 0.76 -5.52	28.02 0.78 -8.23	29.70 0.87 -7.57	28.15 0.90 -5.87	28.98 0.89 -6.79	23.36 0.86 -1.48	21.88 0.82 -1.00	19.90 0.80 -0.11
V_A_10_SYNC_DSASP 323832	21.90 -0.47 0.00	20.50 -0.31 0.00	18.96 -0.33 0.00	17.73 -0.38 0.00	17.84 -0.35 0.00	18.23 -0.35 0.00	20.53 -0.70 0.00	20.77 -0.75 -0.19	21.20 -0.86 -0.57	20.97 -0.81 -0.48	21.34 -0.85 -0.42	20.49 -1.12 -0.40	20.35 -1.10 -0.31	18.80 -0.95 -0.41	18.61 -0.96 -0.05	17.15 -1.04 0.00	17.82 -0.95 -0.12	18.42 -0.97 -0.37	20.33 -1.13 -0.21	20.19 -1.20 -0.01	20.89 -0.92 -0.51	19.73 -1.28 0.00	18.80 -1.28 -0.03	17.92 -1.08 -0.01
V_CMM_10_SYNC_DSASP 323787	21.92 -0.45 0.00	20.52 -0.29 0.00	19.00 -0.29 0.00	17.85 -0.25 0.00	17.92 -0.27 0.00	18.28 -0.30 0.00	20.87 -0.36 0.00	20.87 -0.45 0.00	21.06 -0.43 0.00	20.92 -0.38 0.00	21.40 -0.37 0.00	20.94 -0.28 0.00	20.89 -0.25 0.00	19.10 -0.23 0.00	19.29 -0.23 0.00	17.94 -0.24 0.00	18.41 -0.24 0.00	18.75 -0.27 0.00	20.94 -0.32 0.00	20.93 -0.45 0.00	20.89 -0.41 0.00	20.66 -0.36 0.00	19.70 -0.36 0.00	18.67 -0.32 0.00
V_CMP_10_SYNC_DSASP 323788	22.28 -0.09 0.00	20.88 0.06 0.00	19.31 0.02 0.00	18.16 0.05 0.00	18.21 0.02 0.00	18.53 -0.06 0.00	21.13 -0.11 0.00	21.04 -0.28 0.00	21.25 -0.24 0.00	21.17 -0.13 0.00	21.60 -0.17 0.00	20.96 -0.25 0.00	21.08 -0.06 0.00	19.33 0.00 0.00	19.44 -0.08 0.00	18.09 -0.09 0.00	18.56 -0.09 0.00	18.88 -0.13 0.00	21.13 -0.13 0.00	21.13 -0.26 0.00	21.04 -0.25 0.00	20.76 -0.25 0.00	19.64 -0.42 0.00	18.69 -0.30 0.00
V_E_10_SYNC_DSASP 323830	24.18 1.81 0.00	22.42 1.60 0.00	20.72 1.43 0.00	19.41 1.30 0.00	19.61 1.42 0.00	20.03 1.45 0.00	22.74 1.51 0.00	23.27 1.51 -0.44	24.43 1.65 -1.29	23.93 1.53 -1.10	24.28 1.57 -0.94	23.38 1.25 -0.91	23.04 1.20 -0.69	21.31 1.04 -0.93	20.69 1.05 -0.11	19.16 0.98 0.00	19.86 0.93 -0.28	20.88 1.03 -0.84	23.08 1.36 -0.47	23.07 1.67 -0.02	23.87 1.43 -1.15	22.32 1.30 0.00	21.21 1.08 -0.07	19.91 0.89 -0.02
V_F_30_NSYNC___DSASP 323816	23.58 1.21 0.00	21.79 0.98 0.00	20.20 0.91 0.00	18.96 0.85 0.00	19.05 0.86 0.00	19.49 0.91 0.00	22.44 1.21 0.00	24.76 1.24 -2.20	29.17 1.20 -6.48	28.86 1.30 -6.26	29.07 1.35 -5.95	28.82 1.29 -6.31	27.49 1.31 -5.03	27.32 1.20 -6.79	24.49 1.15 -3.82	23.29 1.07 -4.04	25.17 1.12 -5.40	28.27 1.10 -8.15	29.97 1.28 -7.44	28.39 1.33 -5.69	29.43 1.30 -6.83	23.71 1.26 -1.43	22.21 1.16 -0.99	20.21 1.10 -0.11

V_F_30_SYNC_DSASP 323786	22.77 0.40 0.00	21.06 0.25 0.00	19.54 0.25 0.00	18.36 0.25 0.00	18.46 0.27 0.00	18.88 0.30 0.00	21.68 0.45 0.00	24.04 0.55 -2.17	28.38 0.52 -6.38	28.03 0.53 -6.20	28.22 0.54 -5.91	28.01 0.51 -6.29	26.70 0.53 -5.02	26.59 0.48 -6.78	23.91 0.49 -3.90	22.78 0.45 -4.15	24.63 0.48 -5.49	27.70 0.49 -8.19	29.35 0.55 -7.54	27.78 0.56 -5.84	28.60 0.53 -6.77	22.99 0.50 -1.47	21.54 0.48 -1.00	19.56 0.46 -0.11
V_XM_10_SYNC_DSASP 323789	22.28 -0.09 0.00	20.88 0.06 0.00	19.31 0.02 0.00	18.16 0.05 0.00	18.21 0.02 0.00	18.53 -0.06 0.00	21.13 -0.11 0.00	21.04 -0.28 0.00	21.25 -0.24 0.00	21.17 -0.13 0.00	21.60 -0.17 0.00	20.96 -0.25 0.00	21.08 -0.06 0.00	19.33 0.00 0.00	19.44 -0.08 0.00	18.09 -0.09 0.00	18.56 -0.09 0.00	18.88 -0.13 0.00	21.13 -0.13 0.00	21.13 -0.26 0.00	21.04 -0.25 0.00	20.76 -0.25 0.00	19.64 -0.42 0.00	18.69 -0.30 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	23.67 1.30 0.00	21.77 0.96 0.00	20.20 0.91 0.00	18.96 0.85 0.00	19.03 0.84 0.00	19.46 0.87 0.00	22.42 1.19 0.00	24.06 1.28 -1.46	27.14 1.35 -4.30	28.31 1.34 -5.67	29.52 1.37 -6.38	30.13 1.29 -7.63	28.84 1.25 -6.45	29.21 1.14 -8.74	29.73 1.15 -9.06	30.05 1.13 -10.74	31.43 1.14 -11.64	33.43 1.14 -13.28	37.73 1.36 -15.12	37.82 1.43 -15.01	29.34 1.36 -6.68	26.19 1.34 -3.83	23.25 1.26 -1.93	20.25 1.18 -0.08
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	23.82 1.45 0.00	21.85 1.04 0.00	20.30 1.00 0.00	19.07 0.96 0.00	19.15 0.96 0.00	19.60 1.02 0.00	22.59 1.36 0.00	24.38 1.45 -1.61	27.83 1.61 -4.73	28.48 1.55 -5.62	29.41 1.61 -6.03	29.69 1.48 -6.99	28.48 1.50 -5.83	28.58 1.35 -7.90	28.20 1.37 -7.31	28.06 1.35 -8.53	29.48 1.29 -9.54	31.74 1.31 -11.42	35.26 1.51 -12.50	34.89 1.56 -11.95	29.29 1.51 -6.48	25.61 1.56 -3.05	23.11 1.44 -1.61	20.43 1.35 -0.08
W50THST__13_KV_LOAD 356117	23.89 1.52 0.00	21.92 1.10 0.00	20.35 1.06 0.00	19.14 1.03 0.00	19.21 1.02 0.00	19.68 1.10 0.00	22.68 1.44 0.00	24.48 1.56 -1.61	27.96 1.74 -4.73	28.58 1.66 -5.62	29.52 1.72 -6.03	29.78 1.57 -6.99	28.59 1.61 -5.83	28.70 1.47 -7.90	28.30 1.46 -7.31	28.15 1.44 -8.53	29.55 1.36 -9.54	31.82 1.39 -11.42	35.35 1.59 -12.50	34.98 1.65 -11.95	29.37 1.60 -6.48	25.70 1.64 -3.05	23.19 1.52 -1.61	20.48 1.41 -0.08
WADING RIVER_IC_1 23522	24.91 2.53 -0.01	22.75 1.94 0.00	20.99 1.70 0.00	19.79 1.68 0.00	19.95 1.76 0.00	20.38 1.80 0.00	23.38 2.14 0.00	25.30 2.37 -1.61	28.63 2.41 -4.74	29.47 2.53 -5.64	30.19 2.39 -6.03	30.60 2.38 -7.01	29.26 2.28 -5.83	29.33 2.11 -7.89	28.97 2.15 -7.30	28.75 2.04 -8.53	30.34 2.14 -9.55	32.96 2.19 -11.76	48.03 2.44 -24.33	35.95 2.56 -12.01	32.51 2.49 -8.72	27.67 2.50 -4.15	24.18 2.41 -1.72	21.32 2.24 -0.08
WADING RIVER_IC_2 23547	24.91 2.53 -0.01	22.75 1.94 0.00	20.99 1.70 0.00	19.79 1.68 0.00	19.95 1.76 0.00	20.38 1.80 0.00	23.38 2.14 0.00	25.30 2.37 -1.61	28.63 2.41 -4.74	29.47 2.53 -5.64	30.19 2.39 -6.03	30.60 2.38 -7.01	29.26 2.28 -5.83	29.33 2.11 -7.89	28.97 2.15 -7.30	28.75 2.04 -8.53	30.34 2.14 -9.55	32.96 2.19 -11.76	48.03 2.44 -24.33	35.95 2.56 -12.01	32.51 2.49 -8.72	27.67 2.50 -4.15	24.18 2.41 -1.72	21.32 2.24 -0.08
WADING RIVER_IC_3 23601	24.91 2.53 -0.01	22.75 1.94 0.00	20.99 1.70 0.00	19.79 1.68 0.00	19.95 1.76 0.00	20.38 1.80 0.00	23.38 2.14 0.00	25.30 2.37 -1.61	28.63 2.41 -4.74	29.47 2.53 -5.64	30.19 2.39 -6.03	30.60 2.38 -7.01	29.26 2.28 -5.83	29.33 2.11 -7.89	28.97 2.15 -7.30	28.75 2.04 -8.53	30.34 2.14 -9.55	32.96 2.19 -11.76	48.03 2.44 -24.33	35.95 2.56 -12.01	32.51 2.49 -8.72	27.67 2.50 -4.15	24.18 2.41 -1.72	21.32 2.24 -0.08
WALDENNY_12_KV_BK2 80841	22.57 0.20 0.00	21.17 0.35 0.00	19.56 0.27 0.00	18.27 0.16 0.00	18.41 0.22 0.00	18.81 0.22 0.00	21.11 -0.13 0.00	20.11 -1.43 -0.22	21.18 -0.97 -0.66	21.01 -0.85 -0.56	21.34 -0.91 -0.48	20.43 -1.25 -0.47	20.32 -1.18 -0.35	18.71 -1.10 -0.47	18.45 -1.13 -0.06	17.45 -0.73 0.00	17.67 -1.12 -0.14	18.34 -1.10 -0.43	20.41 -1.08 -0.24	20.60 -0.79 -0.01	20.84 -1.04 -0.58	20.11 -0.90 0.00	19.09 -1.00 -0.04	18.25 -0.76 -0.01
WALDEN__HYDRO 24148	23.60 1.23 0.00	21.73 0.91 0.00	20.16 0.87 0.00	18.92 0.82 0.00	18.97 0.78 0.00	19.36 0.78 0.00	22.34 1.10 0.00	24.00 1.19 -1.49	27.07 1.20 -4.38	28.04 1.17 -5.57	29.13 1.20 -6.17	29.64 1.12 -7.30	28.37 1.08 -6.15	28.65 0.99 -8.33	28.84 0.98 -8.34	29.01 0.98 -9.85	30.44 1.01 -10.79	32.50 1.01 -12.48	36.51 1.21 -14.04	36.48 1.30 -13.79	29.03 1.21 -6.52	25.73 1.20 -3.52	23.00 1.14 -1.80	20.13 1.06 -0.08
WARRENSBURG____ 23737	23.87 1.50 0.00	22.04 1.23 0.00	20.41 1.12 0.00	19.17 1.07 0.00	19.26 1.07 0.00	19.74 1.15 0.00	22.76 1.53 0.00	24.95 1.43 -2.21	29.35 1.38 -6.49	29.21 1.64 -6.27	29.42 1.70 -5.95	29.18 1.66 -6.31	27.87 1.69 -5.03	27.65 1.53 -6.79	24.67 1.35 -3.81	23.45 1.25 -4.02	25.32 1.29 -5.39	28.37 1.22 -8.14	30.20 1.53 -7.41	28.62 1.58 -5.66	29.75 1.62 -6.83	24.00 1.56 -1.43	22.47 1.42 -0.98	20.44 1.33 -0.11
WATERSIDE____6 8 9 23538	23.89 1.52 0.00	21.94 1.12 0.00	20.37 1.08 0.00	19.16 1.05 0.00	19.23 1.04 0.00	19.70 1.11 0.00	22.68 1.44 0.00	24.46 1.53 -1.61	29.60 1.68 -6.43	28.54 1.62 -5.62	29.92 1.68 -6.48	29.76 1.55 -6.99	29.42 1.54 -6.73	28.64 1.41 -7.90	28.26 1.43 -7.31	28.62 1.38 -9.06	29.53 1.34 -9.54	31.80 1.37 -11.42	35.33 1.57 -12.50	34.98 1.65 -11.95	29.35 1.58 -6.48	25.68 1.62 -3.04	23.19 1.52 -1.61	20.50 1.42 -0.08
WATKINRD_115KV_LN8_ILLION 55919	22.46 0.09 0.00	20.85 0.04 0.00	19.33 0.04 0.00	18.14 0.04 0.00	18.25 0.05 0.00	18.64 0.06 0.00	21.30 0.06 0.00	21.38 0.06 0.00	21.58 0.09 0.00	21.34 0.04 0.00	21.81 0.04 0.00	21.21 0.00 0.00	21.13 -0.02 0.00	19.31 -0.02 0.00	19.48 -0.04 0.00	18.14 -0.04 0.00	18.61 -0.04 0.00	18.98 -0.04 0.00	21.23 -0.02 0.00	21.38 0.00 0.00	21.28 -0.02 0.00	20.97 -0.04 0.00	20.02 -0.04 0.00	18.94 -0.06 0.00
WATSON____69_KV_BK 1 55734	24.90 2.53 0.00	22.75 1.94 0.00	20.99 1.70 0.00	19.75 1.65 0.00	19.92 1.73 0.00	20.27 1.69 0.00	23.40 2.17 0.00	25.21 2.28 -1.61	28.57 2.34 -4.74	29.47 2.53 -5.64	30.19 2.39 -6.03	30.58 2.38 -7.00	29.26 2.28 -5.83	29.33 2.11 -7.89	28.97 2.15 -7.30	28.73 2.02 -8.53	30.31 2.13 -9.53	32.90 2.15 -11.73	42.17 2.44 -18.48	35.90 2.54 -11.98	32.46 2.47 -8.69	27.66 2.50 -4.15	24.16 2.39 -1.72	21.30 2.22 -0.08
WDELAWARE__HYD 323627	23.80 1.43 0.00	21.92 1.10 0.00	20.31 1.02 0.00	19.07 0.96 0.00	19.08 0.89 0.00	19.46 0.87 0.00	22.44 1.21 0.00	23.97 1.30 -1.35	26.76 1.29 -3.98	26.21 1.23 -3.68	26.42 1.26 -3.39	25.90 1.19 -3.50	25.02 1.12 -2.75	24.07 1.02 -3.71	22.19 1.03 -1.63	20.81 1.04 -1.59	22.13 1.08 -2.41	24.18 1.05 -4.12	25.99 1.32 -3.41	25.03 1.43 -2.22	26.58 1.32 -3.96	22.87 1.30 -0.55	21.74 1.22 -0.46	20.20 1.14 -0.07

WEST BABYLON___IC 23714	24.74 2.37 0.00	22.62 1.81 0.00	20.88 1.58 0.00	19.65 1.54 0.00	19.79 1.60 0.00	20.16 1.58 0.00	23.27 2.04 0.00	25.08 2.15 -1.61	28.44 2.21 -4.74	29.30 2.36 -5.64	30.04 2.24 -6.03	30.43 2.23 -6.99	29.11 2.14 -5.83	29.20 1.97 -7.89	28.84 2.01 -7.30	28.59 1.89 -8.52	30.17 2.00 -9.53	32.74 2.02 -11.71	37.51 2.30 -13.96	35.73 2.39 -11.96	32.29 2.32 -8.67	27.49 2.33 -4.15	24.02 2.25 -1.72	21.19 2.11 -0.08
WEST CANADA___HYD 24049	22.44 0.07 0.00	20.85 0.04 0.00	19.33 0.04 0.00	18.14 0.04 0.00	18.23 0.04 0.00	18.62 0.04 0.00	21.30 0.06 0.00	21.38 0.06 0.00	21.58 0.09 0.00	21.36 0.06 0.00	21.84 0.07 0.00	21.25 0.04 0.00	21.17 0.02 0.00	19.35 0.02 0.00	19.54 0.02 0.00	18.20 0.02 0.00	18.67 0.02 0.00	19.03 0.02 0.00	21.30 0.04 0.00	21.45 0.06 0.00	21.34 0.04 0.00	21.06 0.04 0.00	20.10 0.04 0.00	19.01 0.02 0.00
WESTERN_NY_WIND 24143	22.57 0.20 0.00	21.13 0.31 0.00	19.54 0.25 0.00	18.25 0.14 0.00	18.39 0.20 0.00	18.79 0.20 0.00	21.11 -0.13 0.00	21.13 -0.38 -0.19	21.60 -0.45 -0.57	21.38 -0.41 -0.48	21.73 -0.46 -0.41	20.83 -0.78 -0.40	20.63 -0.83 -0.30	19.03 -0.71 -0.41	18.85 -0.72 -0.05	17.54 -0.64 0.00	18.08 -0.69 -0.12	18.72 -0.67 -0.37	20.70 -0.76 -0.21	20.86 -0.53 -0.01	21.29 -0.51 -0.50	20.28 -0.74 0.00	19.25 -0.84 -0.03	18.34 -0.67 -0.01
WESTOVER___LESR 323668	22.88 0.51 0.00	21.25 0.44 0.00	19.68 0.39 0.00	18.45 0.34 0.00	18.54 0.35 0.00	18.95 0.37 0.00	21.59 0.36 0.00	21.79 0.04 -0.43	22.95 0.19 -1.27	22.57 0.19 -1.08	22.87 0.17 -0.93	22.16 0.04 -0.90	21.85 0.02 -0.68	20.27 0.02 -0.92	19.67 0.04 -0.11	18.36 0.18 0.00	18.96 0.04 -0.27	19.88 0.04 -0.83	21.87 0.15 -0.46	21.74 0.34 -0.02	22.60 0.17 -1.13	21.25 0.23 0.00	20.29 0.16 -0.07	19.19 0.17 -0.02
WETHRSFD_WT_PWR 323626	22.59 0.22 0.00	21.14 0.33 0.00	19.54 0.25 0.00	18.25 0.14 0.00	18.39 0.20 0.00	18.79 0.20 0.00	21.15 -0.08 0.00	20.95 -0.62 -0.25	21.46 -0.77 -0.74	21.23 -0.70 -0.63	21.53 -0.78 -0.54	20.64 -1.10 -0.53	20.43 -1.12 -0.40	18.85 -1.03 -0.54	18.53 -1.05 -0.06	17.45 -0.73 0.00	17.78 -1.03 -0.16	18.49 -1.01 -0.49	20.40 -1.13 -0.27	20.73 -0.66 -0.01	21.04 -0.92 -0.66	20.19 -0.82 0.00	19.20 -0.90 -0.04	18.29 -0.72 -0.01
WHAVSTOR_138KV_BK127 55557	23.58 1.21 0.00	21.69 0.87 0.00	20.12 0.83 0.00	18.90 0.80 0.00	18.97 0.78 0.00	19.42 0.84 0.00	22.36 1.13 0.00	24.00 1.22 -1.46	27.09 1.29 -4.31	28.23 1.28 -5.66	29.43 1.31 -6.35	30.01 1.21 -7.59	28.77 1.21 -6.41	29.13 1.10 -8.69	29.61 1.11 -8.98	29.89 1.07 -10.63	31.27 1.08 -11.54	33.28 1.08 -13.18	37.52 1.28 -14.99	37.59 1.35 -14.86	29.26 1.30 -6.66	26.09 1.28 -3.79	23.18 1.20 -1.91	20.21 1.14 -0.08
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	23.58 1.21 0.00	21.69 0.87 0.00	20.12 0.83 0.00	18.90 0.80 0.00	18.97 0.78 0.00	19.42 0.84 0.00	22.36 1.13 0.00	24.00 1.22 -1.46	27.09 1.29 -4.31	28.23 1.28 -5.66	29.43 1.31 -6.35	30.01 1.21 -7.59	28.77 1.21 -6.41	29.13 1.10 -8.69	29.61 1.11 -8.98	29.89 1.07 -10.63	31.27 1.08 -11.54	33.28 1.08 -13.18	37.52 1.28 -14.99	37.59 1.35 -14.86	29.26 1.30 -6.66	26.09 1.28 -3.79	23.18 1.20 -1.91	20.21 1.14 -0.08
WHITEHAL_115KV_TB1 80871	24.32 1.95 0.00	22.44 1.62 0.00	20.74 1.45 0.00	19.48 1.38 0.00	19.57 1.38 0.00	20.05 1.47 0.00	23.19 1.95 0.00	25.36 1.83 -2.20	29.80 1.83 -6.48	29.67 2.11 -6.26	29.90 2.18 -5.95	29.63 2.10 -6.31	28.27 2.09 -5.03	28.02 1.89 -6.79	25.05 1.72 -3.81	23.80 1.60 -4.02	25.70 1.66 -5.39	28.75 1.60 -8.14	30.63 1.96 -7.42	29.04 1.99 -5.67	30.15 2.02 -6.83	24.38 1.93 -1.43	22.79 1.75 -0.98	20.76 1.65 -0.11
WHITEPLN_13_KV_LOAD 356215	23.91 1.54 0.00	21.96 1.14 0.00	20.35 1.06 0.00	19.10 1.00 0.00	19.23 1.04 0.00	19.70 1.11 0.00	22.76 1.53 0.00	24.54 1.62 -1.60	27.95 1.76 -4.70	28.60 1.68 -5.62	29.58 1.76 -6.05	29.88 1.63 -7.03	28.62 1.61 -5.87	28.75 1.47 -7.95	28.43 1.48 -7.43	28.28 1.42 -8.68	29.71 1.38 -9.68	31.98 1.43 -11.54	35.58 1.66 -12.67	35.29 1.75 -12.15	29.45 1.66 -6.49	25.73 1.62 -3.10	23.17 1.48 -1.63	20.52 1.44 -0.08
WM_FLOYD_69_KV_BK2 356380	24.88 2.51 0.00	22.73 1.91 0.00	20.97 1.68 0.00	19.75 1.65 0.00	19.92 1.73 0.00	20.27 1.69 0.00	23.36 2.12 0.00	25.21 2.28 -1.61	28.55 2.32 -4.74	29.43 2.49 -5.64	30.15 2.35 -6.03	30.55 2.33 -7.00	29.22 2.24 -5.83	29.29 2.07 -7.89	28.93 2.11 -7.30	28.71 2.00 -8.53	30.29 2.11 -9.54	32.92 2.15 -11.76	48.26 2.44 -24.56	35.93 2.54 -12.01	32.47 2.45 -8.72	27.65 2.48 -4.15	24.16 2.39 -1.72	21.28 2.20 -0.08
WOODARD___115KV_TB2 355635	22.46 0.09 0.00	20.85 0.04 0.00	19.31 0.02 0.00	18.12 0.02 0.00	18.21 0.02 0.00	18.60 0.02 0.00	21.19 -0.04 0.00	21.36 -0.09 -0.12	21.87 0.02 -0.36	21.63 0.02 -0.31	22.06 0.02 -0.27	21.43 -0.04 -0.26	21.26 -0.08 -0.20	19.52 -0.08 -0.26	19.49 -0.06 -0.03	18.11 -0.07 0.00	18.65 -0.07 -0.08	19.18 -0.08 -0.24	21.39 0.00 -0.13	21.41 0.02 0.00	21.62 0.00 -0.32	20.93 -0.08 0.00	20.00 -0.08 -0.02	18.91 -0.09 -0.01
YORK___WARBASSE 23770	23.96 1.59 0.00	22.02 1.21 0.00	20.43 1.14 0.00	19.21 1.10 0.00	19.28 1.09 0.00	19.73 1.15 0.00	22.72 1.49 0.00	24.48 1.56 -1.61	29.64 1.72 -6.43	28.58 1.66 -5.62	29.99 1.74 -6.48	29.80 1.59 -6.99	29.48 1.61 -6.73	28.70 1.47 -7.90	28.30 1.46 -7.31	28.68 1.44 -9.06	29.57 1.38 -9.54	31.88 1.45 -11.42	35.43 1.68 -12.50	35.06 1.73 -11.95	29.42 1.64 -6.48	25.74 1.68 -3.04	23.21 1.54 -1.61	20.56 1.48 -0.08