

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

09/22/2023

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	18.55	17.27	15.32	15.06	15.07	16.79	24.66	27.00	25.62	23.24	22.34	21.78	21.24	21.89	22.57	23.55	26.94	31.17	31.08	29.44	26.82	23.19	21.38	20.29
24138	0.78	0.74	0.66	0.62	0.65	0.69	1.17	1.63	1.68	1.64	1.40	1.37	1.33	1.43	1.50	1.62	1.90	2.15	2.00	1.74	1.54	1.46	1.27	1.06
	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	-2.14	-2.23	-0.19	0.00	0.00
74TH STREET_GT_1	18.60	17.31	15.39	15.10	15.11	16.84	24.73	27.08	25.67	23.22	22.30	21.78	21.26	21.77	22.47	23.55	26.95	31.20	31.17	29.55	26.94	23.28	21.50	20.36
24260	0.84	0.79	0.73	0.66	0.69	0.74	1.24	1.70	1.72	1.62	1.36	1.37	1.35	1.31	1.39	1.62	1.90	2.18	2.09	1.84	1.66	1.55	1.39	1.13
	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	-2.15	-2.23	-0.20	0.00	0.00
74TH STREET_GT_2	18.60	17.31	15.39	15.10	15.11	16.84	24.73	27.08	25.67	23.22	22.30	21.78	21.26	21.77	22.47	23.55	26.95	31.20	31.17	29.55	26.94	23.28	21.50	20.36
24261	0.84	0.79	0.73	0.66	0.69	0.74	1.24	1.70	1.72	1.62	1.36	1.37	1.35	1.31	1.39	1.62	1.90	2.18	2.09	1.84	1.66	1.55	1.39	1.13
	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	-2.15	-2.23	-0.20	0.00	0.00
ADK HUDSON___FALLS	18.96	17.61	15.61	15.37	15.39	17.24	25.32	27.46	25.81	23.24	22.38	21.82	21.30	21.83	22.53	23.82	27.10	31.32	31.34	30.32	27.91	23.55	21.64	20.56
24011	1.19	1.09	0.95	0.94	0.97	1.14	1.83	2.08	1.87	1.64	1.44	1.41	1.39	1.37	1.45	1.89	2.05	2.29	2.27	1.97	1.96	1.77	1.53	1.33
	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	-2.79	-2.90	-0.25	0.00	0.00
ADK RESOURCE___RCVRY	19.06	17.69	15.67	15.45	15.46	17.34	25.50	27.66	26.00	23.41	22.57	21.96	21.44	22.03	22.72	24.03	27.32	31.55	31.55	30.51	28.09	23.70	21.74	20.67
23798	1.30	1.17	1.01	1.01	1.04	1.24	2.02	2.29	2.06	1.81	1.63	1.55	1.53	1.58	1.64	2.11	2.28	2.52	2.47	2.17	2.14	1.92	1.63	1.44
	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	-2.78	-2.90	-0.25	0.00	0.00
ADK S GLENS___FALLS	18.96	17.61	15.61	15.37	15.39	17.24	25.32	27.46	25.81	23.24	22.38	21.82	21.30	21.83	22.53	23.82	27.10	31.32	31.34	30.32	27.91	23.55	21.64	20.56
24028	1.19	1.09	0.95	0.94	0.97	1.14	1.83	2.08	1.87	1.64	1.44	1.41	1.39	1.37	1.45	1.89	2.05	2.29	2.27	1.97	1.96	1.77	1.53	1.33
	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	-2.79	-2.90	-0.25	0.00	0.00
ADK_NYS___DAM	18.66	17.36	15.42	15.16	15.19	16.97	24.80	26.90	25.36	22.76	21.94	21.41	20.90	21.46	22.11	23.13	26.44	30.77	30.85	29.84	27.29	23.13	21.15	20.27
23527	0.89	0.84	0.76	0.72	0.76	0.87	1.31	1.52	1.41	1.17	1.00	1.00	0.99	1.00	1.03	1.21	1.40	1.74	1.77	1.59	1.43	1.36	1.05	1.04
	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	-2.70	-2.81	-0.25	0.00	0.00
AIR_PRODUCTS___DRP	17.95	16.75	14.91	14.65	14.67	16.36	23.84	25.89	24.40	21.94	21.16	20.66	20.18	20.68	21.33	22.39	25.59	29.69	29.74	28.86	26.41	22.27	20.45	19.46
24190	0.18	0.23	0.25	0.22	0.25	0.26	0.35	0.51	0.45	0.35	0.23	0.24	0.28	0.23	0.25	0.46	0.55	0.67	0.67	0.59	0.53	0.50	0.34	0.23
	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	-2.72	-2.83	-0.25	0.00	0.00
AKWESSNE_115KV_BK	17.47	16.21	14.42	14.19	14.18	15.78	22.97	24.85	23.42	21.14	20.60	20.04	19.52	20.07	20.67	21.42	24.49	28.36	28.49	25.12	22.61	21.14	19.83	18.92
355683	-0.30	-0.31	-0.23	-0.25	-0.25	-0.32	-0.52	-0.53	-0.53	-0.45	-0.33	-0.37	-0.38	-0.39	-0.40	-0.50	-0.55	-0.67	-0.58	-0.43	-0.44	-0.39	-0.28	-0.31
	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	17.95	16.75	14.91	14.65	14.67	16.36	23.84	25.89	24.40	21.94	21.16	20.66	20.18	20.68	21.33	22.39	25.59	29.69	29.74	28.86	26.41	22.27	20.45	19.46
23571	0.18	0.23	0.25	0.22	0.25	0.26	0.35	0.51	0.45	0.35	0.23	0.24	0.28	0.23	0.25	0.46	0.55	0.67	0.67	0.59	0.53	0.50	0.34	0.23
	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	-2.72	-2.83	-0.25	0.00	0.00
ALBANY___2	17.95	16.75	14.91	14.65	14.67	16.36	23.84	25.89	24.40	21.94	21.16	20.66	20.18	20.68	21.33	22.39	25.59	29.69	29.74	28.86	26.41	22.27	20.45	19.46
23572	0.18	0.23	0.25	0.22	0.25	0.26	0.35	0.51	0.45	0.35	0.23	0.24	0.28	0.23	0.25	0.46	0.55	0.67	0.67	0.59	0.53	0.50	0.34	0.23
	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	-2.72	-2.83	-0.25	0.00	0.00
ALBANY___3	17.95	16.75	14.91	14.65	14.67	16.36	23.84	25.89	24.40	21.94	21.16	20.66	20.18	20.68	21.33	22.39	25.59	29.69	29.74	28.86	26.41	22.27	20.45	19.46
23573	0.18	0.23	0.25	0.22	0.25	0.26	0.35	0.51	0.45	0.35	0.23	0.24	0.28	0.23	0.25	0.46	0.55	0.67	0.67	0.59	0.53	0.50	0.34	0.23
	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	-2.72	-2.83	-0.25	0.00	0.00

ALBANY___4 23574	17.95 0.18 0.00	16.75 0.23 0.00	14.91 0.25 0.00	14.65 0.22 0.00	14.67 0.25 0.00	16.36 0.26 0.00	23.84 0.35 0.00	25.89 0.51 0.00	24.40 0.45 0.00	21.94 0.35 0.00	21.16 0.23 0.00	20.66 0.24 0.00	20.18 0.28 0.00	20.68 0.23 0.00	21.33 0.25 0.00	22.39 0.46 0.00	25.59 0.55 0.00	29.69 0.67 0.00	29.74 0.67 0.00	28.86 0.59 -2.72	26.41 0.53 -2.83	22.27 0.50 -0.25	20.45 0.34 0.00	19.46 0.23 0.00
ALBANY___LFGE 323615	18.12 0.36 0.00	16.90 0.38 0.00	15.01 0.35 0.00	14.77 0.33 0.00	14.78 0.36 0.00	16.50 0.40 0.00	24.07 0.59 0.00	26.14 0.76 0.00	24.64 0.69 0.00	22.18 0.58 0.00	21.39 0.46 0.00	20.86 0.45 0.00	20.36 0.46 0.00	20.93 0.47 0.00	21.58 0.50 0.00	22.65 0.72 0.00	25.87 0.83 0.00	29.98 0.96 0.00	30.06 0.99 0.00	29.16 0.87 -2.73	26.68 0.78 -2.84	22.49 0.71 -0.25	20.61 0.50 0.00	19.65 0.42 0.00
ALCOA_PA_115KV_PL-6C 55860	17.56 -0.21 0.00	16.29 -0.23 0.00	14.51 -0.15 0.00	14.28 -0.16 0.00	14.26 -0.16 0.00	15.86 -0.24 0.00	23.09 -0.40 0.00	24.90 -0.48 0.00	23.47 -0.48 0.00	21.16 -0.43 0.00	20.64 -0.29 0.00	20.06 -0.35 0.00	19.52 -0.38 0.00	20.11 -0.35 0.00	20.69 -0.38 0.00	21.45 -0.48 0.00	24.54 -0.50 0.00	28.39 -0.64 0.00	28.55 -0.52 0.00	25.18 -0.38 0.00	22.66 -0.39 0.00	21.19 -0.34 0.00	19.91 -0.20 0.00	18.98 -0.25 0.00
ALCOA_RYNLDS___DRP 24188	17.56 -0.21 0.00	16.29 -0.23 0.00	14.51 -0.15 0.00	14.28 -0.16 0.00	14.26 -0.16 0.00	15.86 -0.24 0.00	23.09 -0.40 0.00	24.90 -0.48 0.00	23.47 -0.48 0.00	21.16 -0.43 0.00	20.64 -0.29 0.00	20.06 -0.35 0.00	19.52 -0.38 0.00	20.11 -0.35 0.00	20.69 -0.38 0.00	21.45 -0.48 0.00	24.54 -0.50 0.00	28.39 -0.64 0.00	28.55 -0.52 0.00	25.18 -0.38 0.00	22.66 -0.39 0.00	21.19 -0.34 0.00	19.91 -0.20 0.00	18.98 -0.25 0.00
ALCOA___DSASP 323711	17.56 -0.21 0.00	16.29 -0.23 0.00	14.51 -0.15 0.00	14.28 -0.16 0.00	14.26 -0.16 0.00	15.86 -0.24 0.00	23.09 -0.40 0.00	24.90 -0.48 0.00	23.47 -0.48 0.00	21.14 -0.45 0.00	20.62 -0.31 0.00	20.06 -0.35 0.00	19.52 -0.38 0.00	20.09 -0.37 0.00	20.70 -0.38 0.00	21.45 -0.48 0.00	24.54 -0.50 0.00	28.39 -0.64 0.00	28.55 -0.52 0.00	25.18 -0.38 0.00	22.66 -0.39 0.00	21.19 -0.35 0.00	19.91 -0.20 0.00	18.98 -0.25 0.00
ALLEGHENY___COGEN 23514	18.98 1.21 0.00	17.65 1.12 0.00	15.66 1.00 0.00	15.48 1.04 0.00	15.36 0.94 0.00	17.22 1.13 0.00	24.94 1.46 0.00	26.60 1.22 0.00	25.02 1.08 0.00	22.46 0.86 0.00	21.60 0.67 0.00	21.05 0.63 0.00	20.52 0.62 0.00	20.99 0.53 0.00	21.81 0.74 0.00	22.87 0.94 0.00	26.19 1.15 0.00	30.62 1.60 0.00	30.67 1.60 0.00	27.27 1.35 -0.36	24.74 1.31 -0.38	22.64 1.08 -0.03	20.85 0.74 0.00	20.21 0.98 0.00
ALTAMONT_115KV_TB 2 55880	18.23 0.46 0.00	16.97 0.45 0.00	15.07 0.41 0.00	14.83 0.39 0.00	14.83 0.40 0.00	16.55 0.45 0.00	24.17 0.68 0.00	26.24 0.86 0.00	24.73 0.79 0.00	22.29 0.69 0.00	21.50 0.57 0.00	20.96 0.55 0.00	20.46 0.56 0.00	20.99 0.53 0.00	21.64 0.57 0.00	22.70 0.77 0.00	25.92 0.88 0.00	30.07 1.04 0.00	30.12 1.05 0.00	29.23 0.95 -2.72	26.74 0.85 -2.83	22.57 0.80 -0.25	20.75 0.64 0.00	19.77 0.54 0.00
ALTONA_WT_PWR 323606	18.05 0.28 0.00	16.72 0.20 0.00	14.92 0.26 0.00	14.67 0.23 0.00	14.67 0.24 0.00	16.28 0.18 0.00	23.37 -0.12 0.00	25.38 0.00 0.00	23.94 0.00 0.00	21.62 0.02 0.00	21.06 0.13 0.00	20.45 0.04 0.00	19.90 0.00 0.00	20.48 0.02 0.00	21.12 0.04 0.00	21.91 -0.02 0.00	25.07 0.03 0.00	28.97 -0.06 0.00	29.51 0.44 0.00	26.02 0.46 0.00	23.28 0.23 0.00	21.72 0.19 0.00	20.19 0.08 0.00	19.19 -0.04 0.00
AMERICAN_REF_FUEL 24010	18.05 0.28 0.00	16.82 0.30 0.00	15.06 0.40 0.00	14.87 0.43 0.00	14.78 0.36 0.00	16.44 0.34 0.00	23.37 -0.12 0.00	24.19 -1.19 0.00	22.92 -1.03 0.00	20.84 -0.76 0.00	20.14 -0.80 0.00	19.74 -0.67 0.00	19.31 -0.60 0.00	19.68 -0.78 0.00	20.48 -0.59 0.00	21.45 -0.48 0.00	24.24 -0.80 0.00	28.04 -0.99 0.00	27.94 -1.13 0.00	24.85 -1.02 -0.32	22.57 -0.81 -0.33	20.74 -0.82 -0.03	19.18 -0.92 0.00	19.06 -0.17 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	18.66 0.89 0.00	17.31 0.79 0.00	15.44 0.78 0.00	15.24 0.81 0.00	15.16 0.74 0.00	16.92 0.82 0.00	24.26 0.77 0.00	25.56 0.18 0.00	24.28 0.34 0.00	22.14 0.54 0.00	21.50 0.57 0.00	21.07 0.65 0.00	20.58 0.68 0.00	20.93 0.47 0.00	21.77 0.69 0.00	22.76 0.83 0.00	25.84 0.80 0.00	29.84 0.81 0.00	29.63 0.55 0.00	26.02 0.10 -0.36	23.45 0.02 -0.37	21.61 0.04 -0.03	19.95 -0.16 0.00	19.54 0.31 0.00
ARTHUR_KILL_GT_1 23520	18.56 0.78 -0.01	17.26 0.73 -0.01	15.30 0.63 -0.01	15.04 0.59 -0.01	15.05 0.62 -0.01	16.66 0.56 0.00	24.44 0.96 0.01	26.82 1.45 0.01	25.42 1.49 0.01	23.06 1.47 0.01	22.16 1.23 0.01	21.61 1.20 0.01	21.07 1.17 0.01	21.70 1.25 0.01	22.39 1.33 0.01	23.39 1.47 0.01	26.79 1.75 0.01	28.83 2.00 2.20	28.86 1.95 2.16	28.53 1.71 -1.25	26.77 1.50 -2.22	23.10 1.38 -0.19	21.27 1.17 0.01	20.20 0.96 -0.01
ARTHUR_KILL_2 23512	18.52 0.75 -0.01	17.21 0.68 -0.01	15.27 0.60 -0.01	15.01 0.56 -0.01	15.02 0.59 -0.01	16.61 0.52 0.00	24.39 0.92 0.01	26.77 1.39 0.01	25.37 1.44 0.01	22.99 1.40 0.01	22.12 1.19 0.01	21.57 1.16 0.01	21.03 1.13 0.01	21.66 1.21 0.01	22.35 1.29 0.01	23.33 1.40 0.01	26.71 1.68 0.01	28.75 1.92 2.20	28.78 1.86 2.16	28.45 1.64 -1.25	26.70 1.43 -2.22	23.05 1.34 -0.19	21.23 1.13 0.01	20.14 0.90 -0.01
ARTHUR_KILL_3 23513	18.37 0.60 0.00	17.13 0.61 0.00	15.20 0.54 0.00	14.95 0.52 0.00	14.97 0.55 0.00	16.68 0.58 0.00	24.43 0.94 0.00	26.75 1.37 0.00	25.33 1.39 0.00	22.96 1.36 0.00	22.09 1.15 0.00	21.53 1.12 0.00	21.00 1.09 0.00	21.60 1.14 0.00	22.30 1.22 0.00	23.27 1.34 0.00	26.62 1.58 0.00	28.58 1.74 2.19	28.58 1.66 2.15	28.28 1.46 -1.26	26.64 1.36 -2.23	23.00 1.27 -0.19	21.19 1.09 0.00	20.13 0.90 0.00
ARTHUR_KILL_COGEN 323718	18.56 0.78 -0.01	17.26 0.73 -0.01	15.30 0.63 -0.01	15.04 0.59 -0.01	15.05 0.62 -0.01	16.66 0.56 0.00	24.44 0.96 0.01	26.82 1.45 0.01	25.42 1.49 0.01	23.06 1.47 0.01	22.16 1.23 0.01	21.61 1.20 0.01	21.07 1.17 0.01	21.70 1.25 0.01	22.39 1.33 0.01	23.39 1.47 0.01	26.79 1.75 0.01	28.83 2.00 2.20	28.86 1.95 2.16	28.53 1.71 -1.25	26.77 1.50 -2.22	23.10 1.38 -0.19	21.27 1.17 0.01	20.20 0.96 -0.01
ASHOKAN____ 23654	18.57 0.80 0.00	17.27 0.74 0.00	15.30 0.64 0.00	15.14 0.71 0.00	15.14 0.72 0.00	16.81 0.71 0.00	24.57 1.08 0.00	26.57 1.19 0.00	24.85 0.91 0.00	22.37 0.78 0.00	21.48 0.54 0.00	20.94 0.53 0.00	20.38 0.48 0.00	20.97 0.51 0.00	21.69 0.61 0.00	22.76 0.83 0.00	26.09 1.05 0.00	30.42 1.39 0.00	30.59 1.51 0.00	28.56 0.59 -2.41	25.93 0.37 -2.51	22.76 1.01 -0.22	20.97 0.86 0.00	20.06 0.83 0.00

ASTORIA_EAST_ENERGY_CC1 323581	18.59 0.82 -0.01	17.36 0.83 -0.01	15.40 0.73 -0.01	15.18 0.74 -0.01	15.19 0.76 -0.01	16.77 0.68 0.00	24.49 1.01 0.01	26.87 1.50 0.01	25.47 1.53 0.01	23.08 1.49 0.01	22.20 1.28 0.01	21.67 1.27 0.01	21.13 1.23 0.01	21.74 1.29 0.01	22.39 1.33 0.01	23.39 1.47 0.01	26.74 1.70 0.01	30.96 1.95 0.01	30.96 1.89 0.01	29.35 1.66 -2.13	26.88 1.59 -2.24	23.28 1.55 -0.20	21.49 1.37 -0.01	20.47 1.23 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	18.59 0.82 -0.01	17.36 0.83 -0.01	15.40 0.73 -0.01	15.18 0.74 -0.01	15.19 0.76 -0.01	16.77 0.68 0.00	24.49 1.01 0.01	26.87 1.50 0.01	25.47 1.53 0.01	23.08 1.49 0.01	22.20 1.28 0.01	21.67 1.27 0.01	21.13 1.23 0.01	21.74 1.29 0.01	22.39 1.33 0.01	23.39 1.47 0.01	26.74 1.70 0.01	30.96 1.95 0.01	30.96 1.89 0.01	29.35 1.66 -2.13	26.90 1.61 -2.24	23.28 1.55 -0.20	21.49 1.37 -0.01	20.47 1.23 -0.01
ASTORIA_GT2_1 24094	18.61 0.84 -0.01	17.36 0.83 -0.01	15.46 0.79 -0.01	15.18 0.74 -0.01	15.21 0.78 -0.01	16.77 0.68 0.00	24.52 1.03 0.00	26.90 1.52 0.00	25.47 1.53 0.01	23.06 1.47 0.01	22.14 1.21 0.01	21.65 1.25 0.01	21.13 1.23 0.01	21.64 1.19 0.01	22.31 1.24 0.01	23.39 1.47 0.01	26.76 1.73 0.01	30.99 1.97 0.01	30.96 1.89 0.01	29.38 1.69 -2.14	26.91 1.61 -2.24	23.28 1.55 -0.20	21.57 1.45 -0.01	20.47 1.23 -0.01
ASTORIA_GT2_2 24095	18.61 0.84 -0.01	17.36 0.83 -0.01	15.46 0.79 -0.01	15.18 0.74 -0.01	15.21 0.78 -0.01	16.77 0.68 0.00	24.52 1.03 0.00	26.90 1.52 0.00	25.47 1.53 0.01	23.06 1.47 0.01	22.14 1.21 0.01	21.65 1.25 0.01	21.13 1.23 0.01	21.64 1.19 0.01	22.31 1.24 0.01	23.39 1.47 0.01	26.76 1.73 0.01	30.99 1.97 0.01	30.96 1.89 0.01	29.38 1.69 -2.14	26.91 1.61 -2.24	23.28 1.55 -0.20	21.57 1.45 -0.01	20.47 1.23 -0.01
ASTORIA_GT2_3 24096	18.61 0.84 -0.01	17.36 0.83 -0.01	15.46 0.79 -0.01	15.18 0.74 -0.01	15.21 0.78 -0.01	16.77 0.68 0.00	24.52 1.03 0.00	26.90 1.52 0.00	25.47 1.53 0.01	23.06 1.47 0.01	22.14 1.21 0.01	21.65 1.25 0.01	21.13 1.23 0.01	21.64 1.19 0.01	22.31 1.24 0.01	23.39 1.47 0.01	26.76 1.73 0.01	30.99 1.97 0.01	30.96 1.89 0.01	29.38 1.69 -2.14	26.91 1.61 -2.24	23.28 1.55 -0.20	21.57 1.45 -0.01	20.47 1.23 -0.01
ASTORIA_GT2_4 24097	18.61 0.84 -0.01	17.36 0.83 -0.01	15.46 0.79 -0.01	15.18 0.74 -0.01	15.21 0.78 -0.01	16.77 0.68 0.00	24.52 1.03 0.00	26.90 1.52 0.00	25.47 1.53 0.01	23.06 1.47 0.01	22.14 1.21 0.01	21.65 1.25 0.01	21.13 1.23 0.01	21.64 1.19 0.01	22.31 1.24 0.01	23.39 1.47 0.01	26.76 1.73 0.01	30.99 1.97 0.01	30.96 1.89 0.01	29.38 1.69 -2.14	26.91 1.61 -2.24	23.28 1.55 -0.20	21.57 1.45 -0.01	20.47 1.23 -0.01
ASTORIA_GT3_1 24098	18.61 0.84 -0.01	17.36 0.83 -0.01	15.46 0.79 -0.01	15.18 0.74 -0.01	15.21 0.78 -0.01	16.77 0.68 0.00	24.52 1.03 0.00	26.90 1.52 0.00	25.47 1.53 0.01	23.06 1.47 0.01	22.14 1.21 0.01	21.65 1.25 0.01	21.13 1.23 0.01	21.64 1.19 0.01	22.31 1.24 0.01	23.39 1.47 0.01	26.76 1.73 0.01	30.99 1.97 0.01	30.96 1.89 0.01	29.38 1.69 -2.14	26.91 1.61 -2.24	23.28 1.55 -0.20	21.57 1.45 -0.01	20.47 1.23 -0.01
ASTORIA_GT3_2 24099	18.61 0.84 -0.01	17.36 0.83 -0.01	15.46 0.79 -0.01	15.18 0.74 -0.01	15.21 0.78 -0.01	16.77 0.68 0.00	24.52 1.03 0.00	26.90 1.52 0.00	25.47 1.53 0.01	23.06 1.47 0.01	22.14 1.21 0.01	21.65 1.25 0.01	21.13 1.23 0.01	21.64 1.19 0.01	22.31 1.24 0.01	23.39 1.47 0.01	26.76 1.73 0.01	30.99 1.97 0.01	30.96 1.89 0.01	29.38 1.69 -2.14	26.91 1.61 -2.24	23.28 1.55 -0.20	21.57 1.45 -0.01	20.47 1.23 -0.01
ASTORIA_GT3_3 24100	18.61 0.84 -0.01	17.36 0.83 -0.01	15.46 0.79 -0.01	15.18 0.74 -0.01	15.21 0.78 -0.01	16.77 0.68 0.00	24.52 1.03 0.00	26.90 1.52 0.00	25.47 1.53 0.01	23.06 1.47 0.01	22.14 1.21 0.01	21.65 1.25 0.01	21.13 1.23 0.01	21.64 1.19 0.01	22.31 1.24 0.01	23.39 1.47 0.01	26.76 1.73 0.01	30.99 1.97 0.01	30.96 1.89 0.01	29.38 1.69 -2.14	26.91 1.61 -2.24	23.28 1.55 -0.20	21.57 1.45 -0.01	20.47 1.23 -0.01
ASTORIA_GT3_4 24101	18.61 0.84 -0.01	17.36 0.83 -0.01	15.46 0.79 -0.01	15.18 0.74 -0.01	15.21 0.78 -0.01	16.77 0.68 0.00	24.52 1.03 0.00	26.90 1.52 0.00	25.47 1.53 0.01	23.06 1.47 0.01	22.14 1.21 0.01	21.65 1.25 0.01	21.13 1.23 0.01	21.64 1.19 0.01	22.31 1.24 0.01	23.39 1.47 0.01	26.76 1.73 0.01	30.99 1.97 0.01	30.96 1.89 0.01	29.38 1.69 -2.14	26.91 1.61 -2.24	23.28 1.55 -0.20	21.57 1.45 -0.01	20.47 1.23 -0.01
ASTORIA_GT4_1 24102	18.61 0.84 -0.01	17.36 0.83 -0.01	15.46 0.79 -0.01	15.18 0.74 -0.01	15.21 0.78 -0.01	16.77 0.68 0.00	24.52 1.03 0.00	26.90 1.52 0.00	25.47 1.53 0.01	23.06 1.47 0.01	22.14 1.21 0.01	21.65 1.25 0.01	21.13 1.23 0.01	21.64 1.19 0.01	22.31 1.24 0.01	23.39 1.47 0.01	26.76 1.73 0.01	30.99 1.97 0.01	30.96 1.89 0.01	29.38 1.69 -2.14	26.91 1.61 -2.24	23.28 1.55 -0.20	21.57 1.45 -0.01	20.47 1.23 -0.01
ASTORIA_GT4_2 24103	18.61 0.84 -0.01	17.36 0.83 -0.01	15.46 0.79 -0.01	15.18 0.74 -0.01	15.21 0.78 -0.01	16.77 0.68 0.00	24.52 1.03 0.00	26.90 1.52 0.00	25.47 1.53 0.01	23.06 1.47 0.01	22.14 1.21 0.01	21.65 1.25 0.01	21.13 1.23 0.01	21.64 1.19 0.01	22.31 1.24 0.01	23.39 1.47 0.01	26.76 1.73 0.01	30.99 1.97 0.01	30.96 1.89 0.01	29.38 1.69 -2.14	26.91 1.61 -2.24	23.28 1.55 -0.20	21.57 1.45 -0.01	20.47 1.23 -0.01
ASTORIA_GT4_3 24104	18.61 0.84 -0.01	17.36 0.83 -0.01	15.46 0.79 -0.01	15.18 0.74 -0.01	15.21 0.78 -0.01	16.77 0.68 0.00	24.52 1.03 0.00	26.90 1.52 0.00	25.47 1.53 0.01	23.06 1.47 0.01	22.14 1.21 0.01	21.65 1.25 0.01	21.13 1.23 0.01	21.64 1.19 0.01	22.31 1.24 0.01	23.39 1.47 0.01	26.76 1.73 0.01	30.99 1.97 0.01	30.96 1.89 0.01	29.38 1.69 -2.14	26.91 1.61 -2.24	23.28 1.55 -0.20	21.57 1.45 -0.01	20.47 1.23 -0.01
ASTORIA_GT4_4 24105	18.61 0.84 -0.01	17.36 0.83 -0.01	15.46 0.79 -0.01	15.18 0.74 -0.01	15.21 0.78 -0.01	16.77 0.68 0.00	24.52 1.03 0.00	26.90 1.52 0.00	25.47 1.53 0.01	23.06 1.47 0.01	22.14 1.21 0.01	21.65 1.25 0.01	21.13 1.23 0.01	21.64 1.19 0.01	22.31 1.24 0.01	23.39 1.47 0.01	26.76 1.73 0.01	30.99 1.97 0.01	30.96 1.89 0.01	29.38 1.69 -2.14	26.91 1.61 -2.24	23.28 1.55 -0.20	21.57 1.45 -0.01	20.47 1.23 -0.01
ASTORIA_GT_1 23523	18.63 0.85 -0.01	17.39 0.86 -0.01	15.43 0.76 -0.01	15.21 0.76 -0.01	15.22 0.79 -0.01	16.81 0.71 0.00	24.53 1.06 0.01	26.95 1.57 0.01	25.52 1.58 0.01	23.14 1.56 0.01	22.25 1.32 0.01	21.71 1.31 0.01	21.17 1.27 0.01	21.78 1.33 0.01	22.46 1.39 0.01	23.46 1.53 0.01	26.81 1.78 0.01	31.05 2.03 0.01	31.02 1.95 0.01	29.41 1.71 -2.13	26.92 1.64 -2.24	23.33 1.59 -0.20	21.52 1.41 -0.01	20.51 1.27 -0.01

ASTORIA_GT_10 24110	18.59 0.82 -0.01	17.32 0.79 -0.01	15.40 0.73 -0.01	15.11 0.66 -0.01	15.12 0.69 -0.01	16.79 0.69 0.00	24.64 1.15 0.00	27.00 1.62 0.00	25.58 1.63 -0.01	23.14 1.53 -0.01	22.24 1.30 -0.01	21.73 1.31 -0.01	21.21 1.29 -0.01	21.71 1.25 -0.01	22.41 1.33 -0.01	23.50 1.56 -0.01	30.68 1.80 -3.83	31.13 2.09 -0.01	31.09 2.01 -0.01	29.48 1.76 -2.16	26.88 1.59 -2.24	23.24 1.51 -0.20	21.48 1.37 -0.01	20.35 1.12 -0.01
ASTORIA_GT_11 24225	18.59 0.82 -0.01	17.32 0.79 -0.01	15.40 0.73 -0.01	15.11 0.66 -0.01	15.12 0.69 -0.01	16.79 0.69 0.00	24.64 1.15 0.00	27.00 1.62 0.00	25.58 1.63 -0.01	23.14 1.53 -0.01	22.24 1.30 -0.01	21.73 1.31 -0.01	21.21 1.29 -0.01	21.71 1.25 -0.01	22.41 1.33 -0.01	23.50 1.56 -0.01	30.68 1.80 -3.83	31.13 2.09 -0.01	31.09 2.01 -0.01	29.48 1.76 -2.16	26.88 1.59 -2.24	23.24 1.51 -0.20	21.48 1.37 -0.01	20.35 1.12 -0.01
ASTORIA_GT_12 24226	18.59 0.82 -0.01	17.32 0.79 -0.01	15.40 0.73 -0.01	15.11 0.66 -0.01	15.12 0.69 -0.01	16.79 0.69 0.00	24.64 1.15 0.00	27.00 1.62 0.00	25.58 1.63 -0.01	23.14 1.53 -0.01	22.24 1.30 -0.01	21.73 1.31 -0.01	21.21 1.29 -0.01	21.71 1.25 -0.01	22.41 1.33 -0.01	23.50 1.56 -0.01	30.68 1.80 -3.83	31.13 2.09 -0.01	31.09 2.01 -0.01	29.48 1.76 -2.16	26.88 1.59 -2.24	23.24 1.51 -0.20	21.48 1.37 -0.01	20.35 1.12 -0.01
ASTORIA_GT_13 24227	18.59 0.82 -0.01	17.32 0.79 -0.01	15.40 0.73 -0.01	15.11 0.66 -0.01	15.12 0.69 -0.01	16.79 0.69 0.00	24.64 1.15 0.00	27.00 1.62 0.00	25.58 1.63 -0.01	23.14 1.53 -0.01	22.24 1.30 -0.01	21.73 1.31 -0.01	21.21 1.29 -0.01	21.71 1.25 -0.01	22.41 1.33 -0.01	23.50 1.56 -0.01	30.68 1.80 -3.83	31.13 2.09 -0.01	31.09 2.01 -0.01	29.48 1.76 -2.16	26.88 1.59 -2.24	23.24 1.51 -0.20	21.48 1.37 -0.01	20.35 1.12 -0.01
ASTORIA_GT_5 24106	18.63 0.85 -0.01	17.39 0.86 -0.01	15.43 0.76 -0.01	15.21 0.76 -0.01	15.22 0.79 -0.01	16.81 0.71 0.00	24.53 1.06 0.01	26.95 1.57 0.01	25.52 1.58 0.01	23.14 1.56 0.01	22.25 1.32 0.01	21.71 1.31 0.01	21.17 1.27 0.01	21.78 1.33 0.01	22.46 1.39 0.01	23.46 1.53 0.01	26.81 1.78 0.01	31.05 2.03 0.01	31.02 1.95 0.01	29.41 1.71 -2.13	26.92 1.64 -2.24	23.33 1.59 -0.20	21.52 1.41 -0.01	20.51 1.27 -0.01
ASTORIA_GT_7 24107	18.63 0.85 -0.01	17.39 0.86 -0.01	15.43 0.76 -0.01	15.21 0.76 -0.01	15.22 0.79 -0.01	16.81 0.71 0.00	24.53 1.06 0.01	26.95 1.57 0.01	25.52 1.58 0.01	23.14 1.56 0.01	22.25 1.32 0.01	21.71 1.31 0.01	21.17 1.27 0.01	21.78 1.33 0.01	22.46 1.39 0.01	23.46 1.53 0.01	26.81 1.78 0.01	31.05 2.03 0.01	31.02 1.95 0.01	29.41 1.71 -2.13	26.92 1.64 -2.24	23.33 1.59 -0.20	21.52 1.41 -0.01	20.51 1.27 -0.01
ASTORIA_GT_8 24108	18.63 0.85 -0.01	17.39 0.86 -0.01	15.47 0.81 -0.01	15.21 0.77 -0.01	15.22 0.79 -0.01	16.81 0.71 0.00	24.54 1.06 0.00	26.95 1.57 0.00	25.52 1.58 0.01	23.10 1.51 0.01	22.18 1.26 0.01	21.67 1.27 0.01	21.17 1.27 0.01	21.68 1.23 0.01	22.35 1.29 0.01	23.43 1.51 0.01	26.81 1.78 0.01	31.05 2.03 0.01	31.02 1.95 0.01	29.41 1.71 -2.14	26.93 1.64 -2.24	23.33 1.59 -0.20	21.59 1.47 -0.01	20.51 1.27 -0.01
ASTORIA___2 24149	18.61 0.84 -0.01	17.36 0.83 -0.01	15.41 0.75 -0.01	15.18 0.74 -0.01	15.19 0.76 -0.01	16.77 0.68 0.00	24.51 1.03 0.01	26.89 1.52 0.01	25.47 1.53 0.01	23.10 1.51 0.01	22.20 1.28 0.01	21.67 1.27 0.01	21.13 1.23 0.01	21.74 1.29 0.01	22.42 1.35 0.01	23.41 1.49 0.01	26.76 1.73 0.01	30.99 1.97 0.01	30.96 1.89 0.01	29.38 1.69 -2.13	26.90 1.61 -2.24	23.28 1.55 -0.20	21.49 1.37 -0.01	20.47 1.23 -0.01
ASTORIA___3 23516	18.59 0.82 -0.01	17.32 0.79 -0.01	15.36 0.69 -0.01	15.11 0.66 -0.01	15.12 0.69 -0.01	16.79 0.69 0.00	24.64 1.15 0.00	27.00 1.63 0.00	25.58 1.63 -0.01	23.18 1.58 -0.01	22.30 1.36 -0.01	21.75 1.33 -0.01	21.20 1.29 -0.01	21.82 1.35 -0.01	22.52 1.43 -0.01	23.52 1.58 -0.01	30.68 1.80 -3.83	31.10 2.06 -0.01	31.09 2.00 -0.01	29.47 1.76 -2.15	26.88 1.59 -2.24	23.24 1.51 -0.20	21.42 1.31 -0.01	20.35 1.11 -0.01
ASTORIA___4 23517	18.59 0.82 -0.01	17.32 0.79 -0.01	15.39 0.72 -0.01	15.11 0.66 -0.01	15.12 0.69 -0.01	16.79 0.69 0.00	24.64 1.15 0.00	27.00 1.62 0.00	25.58 1.63 -0.01	23.14 1.53 -0.01	22.24 1.30 -0.01	21.73 1.31 -0.01	21.21 1.29 -0.01	21.71 1.25 -0.01	22.41 1.33 -0.01	23.50 1.56 -0.01	30.68 1.80 -3.83	31.10 2.06 -0.01	31.09 2.01 -0.01	29.48 1.76 -2.16	26.88 1.59 -2.24	23.24 1.51 -0.20	21.48 1.37 -0.01	20.35 1.12 -0.01
ASTORIA___5 23518	18.59 0.82 -0.01	17.32 0.79 -0.01	15.36 0.69 -0.01	15.11 0.66 -0.01	15.12 0.69 -0.01	16.79 0.69 0.00	24.64 1.15 0.00	27.00 1.63 0.00	25.58 1.63 -0.01	23.18 1.58 -0.01	22.30 1.36 -0.01	21.75 1.33 -0.01	21.20 1.29 -0.01	21.82 1.35 -0.01	22.52 1.43 -0.01	23.50 1.56 -0.01	30.68 1.80 -3.83	31.10 2.06 -0.01	31.09 2.00 -0.01	29.47 1.76 -2.15	26.88 1.59 -2.24	23.24 1.51 -0.20	21.42 1.31 -0.01	20.35 1.11 -0.01
AST_ENERGY_2_CC3 323677	18.46 0.69 0.00	17.18 0.66 0.00	15.25 0.59 0.00	15.00 0.56 0.00	15.01 0.59 0.00	16.73 0.63 0.00	24.52 1.03 0.00	26.83 1.45 0.00	25.43 1.49 0.00	23.04 1.45 0.00	22.17 1.23 0.00	21.62 1.20 0.00	21.08 1.17 0.00	21.68 1.23 0.00	22.36 1.29 0.00	23.35 1.42 0.00	26.69 1.65 0.00	30.91 1.89 0.00	30.88 1.80 0.00	29.29 1.59 -2.14	26.71 1.43 -2.23	23.08 1.36 -0.19	21.28 1.17 0.00	20.21 0.98 0.00
AST_ENERGY_2_CC4 323678	18.46 0.69 0.00	17.18 0.66 0.00	15.25 0.59 0.00	15.00 0.56 0.00	15.01 0.59 0.00	16.73 0.63 0.00	24.52 1.03 0.00	26.83 1.45 0.00	25.43 1.49 0.00	23.04 1.45 0.00	22.17 1.23 0.00	21.62 1.20 0.00	21.08 1.17 0.00	21.68 1.23 0.00	22.36 1.29 0.00	23.35 1.42 0.00	26.69 1.65 0.00	30.91 1.89 0.00	30.88 1.80 0.00	29.29 1.59 -2.14	26.71 1.43 -2.23	23.08 1.36 -0.19	21.28 1.17 0.00	20.21 0.98 0.00
ATHENS_STG_1 23668	18.30 0.53 0.00	17.03 0.51 0.00	15.10 0.44 0.00	14.87 0.43 0.00	14.87 0.45 0.00	16.60 0.50 0.00	24.26 0.77 0.00	26.40 1.02 0.00	24.93 0.98 0.00	22.48 0.89 0.00	21.69 0.75 0.00	21.15 0.73 0.00	20.64 0.74 0.00	21.21 0.76 0.00	21.85 0.78 0.00	22.85 0.92 0.00	26.09 1.05 0.00	30.27 1.25 0.00	30.32 1.25 0.00	29.07 1.10 -2.42	26.55 0.99 -2.51	22.68 0.93 -0.22	20.85 0.74 0.00	19.88 0.65 0.00
ATHENS_STG_2 23670	18.30 0.53 0.00	17.03 0.51 0.00	15.10 0.44 0.00	14.87 0.43 0.00	14.87 0.45 0.00	16.60 0.50 0.00	24.26 0.77 0.00	26.40 1.02 0.00	24.93 0.98 0.00	22.48 0.89 0.00	21.69 0.75 0.00	21.15 0.73 0.00	20.64 0.74 0.00	21.21 0.76 0.00	21.85 0.78 0.00	22.85 0.92 0.00	26.09 1.05 0.00	30.27 1.25 0.00	30.32 1.25 0.00	29.07 1.10 -2.42	26.55 0.99 -2.51	22.68 0.93 -0.22	20.85 0.74 0.00	19.88 0.65 0.00

ATHENS_STG_3 23677	18.30 0.53 0.00	17.03 0.51 0.00	15.10 0.44 0.00	14.87 0.43 0.00	14.87 0.45 0.00	16.60 0.50 0.00	24.26 0.77 0.00	26.40 1.02 0.00	24.93 0.98 0.00	22.48 0.89 0.00	21.69 0.75 0.00	21.15 0.73 0.00	20.64 0.74 0.00	21.21 0.76 0.00	21.85 0.78 0.00	22.85 0.92 0.00	26.09 1.05 0.00	30.27 1.25 0.00	30.32 1.25 0.00	29.07 1.10 -2.42	26.55 0.99 -2.51	22.68 0.93 -0.22	20.85 0.74 0.00	19.88 0.65 0.00
AUBURN____LFGE 323710	18.09 0.32 0.00	16.82 0.30 0.00	14.86 0.21 0.00	14.67 0.23 0.00	14.64 0.22 0.00	16.39 0.29 0.00	23.95 0.47 0.00	25.91 0.53 0.00	24.47 0.53 0.00	22.03 0.43 0.00	21.21 0.27 0.00	20.78 0.37 0.00	20.22 0.32 0.00	20.80 0.35 0.00	21.52 0.44 0.00	22.41 0.48 0.00	25.69 0.65 0.00	29.78 0.75 0.00	29.77 0.70 0.00	26.38 0.51 -0.31	23.86 0.48 -0.33	21.99 0.43 -0.03	20.33 0.22 0.00	19.54 0.31 0.00
BABYLON_RES_REC 323704	19.03 1.26 0.00	17.65 1.12 0.00	15.52 0.86 0.00	15.26 0.82 0.00	15.29 0.87 0.00	17.14 1.05 0.00	25.10 1.62 0.00	27.80 2.41 -0.01	26.34 2.35 -0.05	23.81 2.20 -0.01	24.92 1.92 -2.06	24.93 1.82 -2.70	22.94 1.75 -1.28	25.19 1.82 -2.92	25.55 1.94 -2.54	27.74 2.15 -3.66	29.65 2.46 -2.16	32.32 2.85 -0.45	32.17 2.79 -0.30	33.23 2.48 -5.19	30.97 2.26 -5.66	27.86 2.11 -4.22	21.94 1.81 -0.02	20.79 1.56 0.00
BABYLON__69_KV_BK2 356345	19.24 1.47 0.00	17.83 1.31 0.00	15.70 1.04 0.00	15.42 0.98 0.00	15.49 1.07 0.00	17.31 1.21 0.00	25.36 1.88 0.00	28.07 2.69 0.00	26.65 2.66 -0.05	24.04 2.44 0.00	24.92 1.93 -2.06	25.15 2.04 -2.70	23.18 1.99 -1.28	25.21 1.84 -2.92	25.75 2.13 -2.54	28.02 2.43 -3.66	30.00 2.80 -2.16	32.74 3.25 -0.46	32.58 3.20 -0.31	35.48 2.86 -7.06	31.27 2.56 -5.67	28.16 2.41 -4.22	22.26 2.13 -0.02	21.04 1.81 0.00
BALL_HILL_WT_PWR 323825	18.44 0.68 0.00	17.12 0.59 0.00	15.17 0.51 0.00	15.08 0.65 0.00	14.98 0.56 0.00	16.73 0.63 0.00	24.03 0.54 0.00	25.25 -0.13 0.00	23.94 0.00 0.00	21.75 0.15 0.00	21.31 0.38 0.00	20.70 0.29 0.00	20.16 0.26 0.00	20.95 0.49 0.00	21.35 0.27 0.00	22.32 0.39 0.00	25.32 0.28 0.00	29.26 0.23 0.00	29.13 0.06 0.00	25.66 -0.28 -0.38	23.27 -0.18 -0.40	21.48 -0.09 -0.03	19.85 -0.26 0.00	19.48 0.25 0.00
BARON_WINDS____WT_PWR 323822	18.34 0.57 0.00	17.02 0.50 0.00	15.13 0.47 0.00	14.93 0.49 0.00	14.87 0.45 0.00	16.61 0.52 0.00	24.05 0.56 0.00	25.53 0.15 0.00	24.18 0.24 0.00	21.88 0.28 0.00	21.12 0.19 0.00	20.64 0.22 0.00	20.14 0.24 0.00	20.62 0.16 0.00	21.37 0.29 0.00	22.34 0.42 0.00	25.49 0.45 0.00	29.49 0.46 0.00	29.43 0.35 0.00	26.02 0.00 -0.46	23.58 0.05 -0.48	21.66 0.09 -0.04	20.07 -0.04 0.00	19.48 0.25 0.00
BARRETT_IC_1 23704	18.91 1.14 -0.01	17.55 1.02 0.00	15.47 0.81 0.00	15.20 0.76 0.00	15.22 0.79 0.00	17.05 0.95 0.00	24.97 1.48 0.00	27.49 2.11 -0.01	26.03 2.03 -0.05	23.53 1.92 -0.02	24.63 1.63 -2.06	24.71 1.59 -2.70	22.72 1.53 -1.29	24.95 1.58 -2.92	25.29 1.66 -2.55	27.36 1.78 -3.66	29.20 2.00 -2.16	31.79 2.32 -0.44	31.64 2.27 -0.29	31.77 2.02 -4.19	30.53 1.82 -5.66	27.49 1.74 -4.22	21.70 1.57 -0.03	20.63 1.40 0.00
BARRETT_IC_10 23701	18.91 1.14 -0.01	17.55 1.02 0.00	15.47 0.81 0.00	15.20 0.76 0.00	15.22 0.79 0.00	17.05 0.95 0.00	24.97 1.48 0.00	27.49 2.11 -0.01	26.03 2.03 -0.05	23.53 1.92 -0.02	24.63 1.63 -2.06	24.71 1.59 -2.70	22.72 1.53 -1.29	24.95 1.58 -2.92	25.29 1.66 -2.55	27.36 1.78 -3.66	29.20 2.00 -2.16	31.79 2.32 -0.44	31.64 2.27 -0.29	31.77 2.02 -4.19	30.53 1.82 -5.66	27.49 1.74 -4.22	21.70 1.57 -0.03	20.63 1.40 0.00
BARRETT_IC_11 23702	18.91 1.14 -0.01	17.55 1.02 0.00	15.47 0.81 0.00	15.20 0.76 0.00	15.22 0.79 0.00	17.05 0.95 0.00	24.97 1.48 0.00	27.49 2.11 -0.01	26.03 2.03 -0.05	23.53 1.92 -0.02	24.63 1.63 -2.06	24.71 1.59 -2.70	22.72 1.53 -1.29	24.95 1.58 -2.92	25.29 1.66 -2.55	27.36 1.78 -3.66	29.20 2.00 -2.16	31.79 2.32 -0.44	31.64 2.27 -0.29	31.77 2.02 -4.19	30.53 1.82 -5.66	27.49 1.74 -4.22	21.70 1.57 -0.03	20.63 1.40 0.00
BARRETT_IC_12 23703	18.91 1.14 -0.01	17.55 1.02 0.00	15.47 0.81 0.00	15.20 0.76 0.00	15.22 0.79 0.00	17.05 0.95 0.00	24.97 1.48 0.00	27.49 2.11 -0.01	26.03 2.03 -0.05	23.53 1.92 -0.02	24.63 1.63 -2.06	24.71 1.59 -2.70	22.72 1.53 -1.29	24.95 1.58 -2.92	25.29 1.66 -2.55	27.36 1.78 -3.66	29.20 2.00 -2.16	31.79 2.32 -0.44	31.64 2.27 -0.29	31.77 2.02 -4.19	30.53 1.82 -5.66	27.49 1.74 -4.22	21.70 1.57 -0.03	20.63 1.40 0.00
BARRETT_IC_2 23705	18.91 1.14 -0.01	17.55 1.02 0.00	15.47 0.81 0.00	15.20 0.76 0.00	15.22 0.79 0.00	17.05 0.95 0.00	24.97 1.48 0.00	27.49 2.11 -0.01	26.03 2.03 -0.05	23.53 1.92 -0.02	24.63 1.63 -2.06	24.71 1.59 -2.70	22.72 1.53 -1.29	24.95 1.58 -2.92	25.29 1.66 -2.55	27.36 1.78 -3.66	29.20 2.00 -2.16	31.79 2.32 -0.44	31.64 2.27 -0.29	31.77 2.02 -4.19	30.53 1.82 -5.66	27.49 1.74 -4.22	21.70 1.57 -0.03	20.63 1.40 0.00
BARRETT_IC_3 23706	18.91 1.14 -0.01	17.55 1.02 0.00	15.47 0.81 0.00	15.20 0.76 0.00	15.22 0.79 0.00	17.05 0.95 0.00	24.97 1.48 0.00	27.49 2.11 -0.01	26.03 2.03 -0.05	23.53 1.92 -0.02	24.63 1.63 -2.06	24.71 1.59 -2.70	22.72 1.53 -1.29	24.95 1.58 -2.92	25.29 1.66 -2.55	27.36 1.78 -3.66	29.20 2.00 -2.16	31.79 2.32 -0.44	31.64 2.27 -0.29	31.77 2.02 -4.19	30.53 1.82 -5.66	27.49 1.74 -4.22	21.70 1.57 -0.03	20.63 1.40 0.00
BARRETT_IC_4 23707	18.91 1.14 -0.01	17.55 1.02 0.00	15.47 0.81 0.00	15.20 0.76 0.00	15.22 0.79 0.00	17.05 0.95 0.00	24.97 1.48 0.00	27.49 2.11 -0.01	26.03 2.03 -0.05	23.53 1.92 -0.02	24.63 1.63 -2.06	24.71 1.59 -2.70	22.72 1.53 -1.29	24.95 1.58 -2.92	25.29 1.66 -2.55	27.36 1.78 -3.66	29.20 2.00 -2.16	31.79 2.32 -0.44	31.64 2.27 -0.29	31.77 2.02 -4.19	30.53 1.82 -5.66	27.49 1.74 -4.22	21.70 1.57 -0.03	20.63 1.40 0.00
BARRETT_IC_5 23708	18.91 1.14 -0.01	17.55 1.02 0.00	15.47 0.81 0.00	15.20 0.76 0.00	15.22 0.79 0.00	17.05 0.95 0.00	24.97 1.48 0.00	27.49 2.11 -0.01	26.03 2.03 -0.05	23.53 1.92 -0.02	24.63 1.63 -2.06	24.71 1.59 -2.70	22.72 1.53 -1.29	24.95 1.58 -2.92	25.29 1.66 -2.55	27.36 1.78 -3.66	29.20 2.00 -2.16	31.79 2.32 -0.44	31.64 2.27 -0.29	31.77 2.02 -4.19	30.53 1.82 -5.66	27.49 1.74 -4.22	21.70 1.57 -0.03	20.63 1.40 0.00
BARRETT_IC_6 23709	18.91 1.14 -0.01	17.55 1.02 0.00	15.47 0.81 0.00	15.20 0.76 0.00	15.22 0.79 0.00	17.05 0.95 0.00	24.97 1.48 0.00	27.49 2.11 -0.01	26.03 2.03 -0.05	23.53 1.92 -0.02	24.63 1.63 -2.06	24.71 1.59 -2.70	22.72 1.53 -1.29	24.95 1.58 -2.92	25.29 1.66 -2.55	27.36 1.78 -3.66	29.20 2.00 -2.16	31.79 2.32 -0.44	31.64 2.27 -0.29	31.77 2.02 -4.19	30.53 1.82 -5.66	27.49 1.74 -4.22	21.70 1.57 -0.03	20.63 1.40 0.00

BARRETT_IC_7 23710	18.91 1.14 0.00	17.55 1.02 0.00	15.48 0.82 0.00	15.20 0.77 0.00	15.26 0.84 0.00	17.05 0.95 0.00	24.96 1.48 0.00	27.49 2.11 0.00	26.00 2.01 -0.05	23.48 1.88 0.00	24.48 1.49 -2.06	24.68 1.57 -2.70	22.72 1.53 -1.28	24.82 1.45 -2.91	25.20 1.58 -2.54	27.34 1.75 -3.66	29.20 2.00 -2.16	31.79 2.32 -0.44	31.64 2.27 -0.29	31.77 2.02 -4.19	30.54 1.82 -5.66	27.50 1.74 -4.22	21.76 1.63 -0.02	20.65 1.42 0.00
BARRETT_IC_8 23711	18.91 1.14 -0.01	17.55 1.02 0.00	15.47 0.81 0.00	15.20 0.76 0.00	15.22 0.79 0.00	17.05 0.95 0.00	24.97 1.48 0.00	27.49 2.11 -0.01	26.03 2.03 -0.05	23.53 1.92 -0.02	24.63 1.63 -2.06	24.71 1.59 -2.70	22.72 1.53 -1.29	24.95 1.58 -2.92	25.29 1.66 -2.55	27.36 1.78 -3.66	29.20 2.00 -2.16	31.79 2.32 -0.44	31.64 2.27 -0.29	31.77 2.02 -4.19	30.53 1.82 -5.66	27.49 1.74 -4.22	21.70 1.57 -0.03	20.63 1.40 0.00
BARRETT_IC_9 23700	18.91 1.14 -0.01	17.55 1.02 0.00	15.47 0.81 0.00	15.20 0.76 0.00	15.22 0.79 0.00	17.05 0.95 0.00	24.97 1.48 0.00	27.49 2.11 -0.01	26.03 2.03 -0.05	23.53 1.92 -0.02	24.63 1.63 -2.06	24.71 1.59 -2.70	22.72 1.53 -1.29	24.95 1.58 -2.92	25.29 1.66 -2.55	27.36 1.78 -3.66	29.20 2.00 -2.16	31.79 2.32 -0.44	31.64 2.27 -0.29	31.77 2.02 -4.19	30.53 1.82 -5.66	27.49 1.74 -4.22	21.70 1.57 -0.03	20.63 1.40 0.00
BARRETT___1 23545	18.91 1.14 -0.01	17.55 1.02 0.00	15.47 0.81 0.00	15.20 0.76 0.00	15.22 0.79 0.00	17.05 0.95 0.00	24.97 1.48 0.00	27.49 2.11 -0.01	26.03 2.03 -0.05	23.53 1.92 -0.02	24.63 1.63 -2.06	24.71 1.59 -2.70	22.72 1.53 -1.29	24.95 1.58 -2.92	25.29 1.66 -2.55	27.36 1.78 -3.66	29.20 2.00 -2.16	31.79 2.32 -0.44	31.64 2.27 -0.29	31.77 2.02 -4.19	30.53 1.82 -5.66	27.49 1.74 -4.22	21.70 1.57 -0.03	20.63 1.40 0.00
BARRETT___2 23546	18.91 1.14 -0.01	17.55 1.02 0.00	15.47 0.81 0.00	15.20 0.76 0.00	15.22 0.79 0.00	17.05 0.95 0.00	24.97 1.48 0.00	27.49 2.11 -0.01	26.03 2.03 -0.05	23.53 1.92 -0.02	24.63 1.63 -2.06	24.71 1.59 -2.70	22.72 1.53 -1.29	24.95 1.58 -2.92	25.29 1.66 -2.55	27.36 1.78 -3.66	29.20 2.00 -2.16	31.79 2.32 -0.44	31.64 2.27 -0.29	31.77 2.02 -4.19	30.53 1.82 -5.66	27.49 1.74 -4.22	21.70 1.57 -0.03	20.63 1.40 0.00
BATAVIA___115KV_TB1 55881	18.55 0.78 0.00	17.28 0.76 0.00	15.30 0.65 0.00	15.24 0.81 0.00	15.11 0.69 0.00	16.89 0.79 0.00	24.14 0.66 0.00	25.28 -0.10 0.00	23.90 -0.05 0.00	21.66 0.06 0.00	21.21 0.27 0.00	20.55 0.14 0.00	20.00 0.10 0.00	20.83 0.37 0.00	21.22 0.15 0.00	22.21 0.29 0.00	25.17 0.13 0.00	29.26 0.23 0.00	29.19 0.12 0.00	26.00 0.10 -0.33	23.58 0.18 -0.35	21.56 0.00 -0.03	19.95 -0.16 0.00	19.63 0.40 0.00
BAYONEEC___CTG1 323682	18.46 0.69 0.00	17.20 0.68 0.00	15.26 0.60 0.00	15.01 0.58 0.00	15.03 0.61 0.00	16.74 0.64 0.00	24.54 1.06 0.00	26.85 1.47 0.00	25.45 1.51 0.00	23.07 1.47 0.00	22.19 1.26 0.00	21.64 1.22 0.00	21.10 1.19 0.00	21.71 1.25 0.00	22.38 1.31 0.00	23.38 1.45 0.00	26.72 1.68 0.00	30.94 1.92 0.00	30.91 1.83 0.00	29.31 1.61 -2.14	26.73 1.45 -2.23	23.10 1.38 -0.19	21.30 1.19 0.00	20.21 0.98 0.00
BAYONEEC___CTG10 323750	18.46 0.69 0.00	17.20 0.68 0.00	15.26 0.60 0.00	15.01 0.58 0.00	15.03 0.61 0.00	16.74 0.64 0.00	24.54 1.06 0.00	26.85 1.47 0.00	25.45 1.51 0.00	23.07 1.47 0.00	22.19 1.26 0.00	21.64 1.22 0.00	21.10 1.19 0.00	21.71 1.25 0.00	22.38 1.31 0.00	23.38 1.45 0.00	26.72 1.68 0.00	30.94 1.92 0.00	30.91 1.83 0.00	29.31 1.61 -2.14	26.73 1.45 -2.23	23.10 1.38 -0.19	21.30 1.19 0.00	20.21 0.98 0.00
BAYONEEC___CTG2 323683	18.46 0.69 0.00	17.20 0.68 0.00	15.26 0.60 0.00	15.01 0.58 0.00	15.03 0.61 0.00	16.74 0.64 0.00	24.54 1.06 0.00	26.85 1.47 0.00	25.45 1.51 0.00	23.07 1.47 0.00	22.19 1.26 0.00	21.64 1.22 0.00	21.10 1.19 0.00	21.71 1.25 0.00	22.38 1.31 0.00	23.38 1.45 0.00	26.72 1.68 0.00	30.94 1.92 0.00	30.91 1.83 0.00	29.31 1.61 -2.14	26.73 1.45 -2.23	23.10 1.38 -0.19	21.30 1.19 0.00	20.21 0.98 0.00
BAYONEEC___CTG3 323684	18.46 0.69 0.00	17.20 0.68 0.00	15.26 0.60 0.00	15.01 0.58 0.00	15.03 0.61 0.00	16.74 0.64 0.00	24.54 1.06 0.00	26.85 1.47 0.00	25.45 1.51 0.00	23.07 1.47 0.00	22.19 1.26 0.00	21.64 1.22 0.00	21.10 1.19 0.00	21.71 1.25 0.00	22.38 1.31 0.00	23.38 1.45 0.00	26.72 1.68 0.00	30.94 1.92 0.00	30.91 1.83 0.00	29.31 1.61 -2.14	26.73 1.45 -2.23	23.10 1.38 -0.19	21.30 1.19 0.00	20.21 0.98 0.00
BAYONEEC___CTG4 323685	18.46 0.69 0.00	17.20 0.68 0.00	15.26 0.60 0.00	15.01 0.58 0.00	15.03 0.61 0.00	16.74 0.64 0.00	24.54 1.06 0.00	26.85 1.47 0.00	25.45 1.51 0.00	23.07 1.47 0.00	22.19 1.26 0.00	21.64 1.22 0.00	21.10 1.19 0.00	21.71 1.25 0.00	22.38 1.31 0.00	23.38 1.45 0.00	26.72 1.68 0.00	30.94 1.92 0.00	30.91 1.83 0.00	29.31 1.61 -2.14	26.73 1.45 -2.23	23.10 1.38 -0.19	21.30 1.19 0.00	20.21 0.98 0.00
BAYONEEC___CTG5 323686	18.46 0.69 0.00	17.20 0.68 0.00	15.26 0.60 0.00	15.01 0.58 0.00	15.03 0.61 0.00	16.74 0.64 0.00	24.54 1.06 0.00	26.85 1.47 0.00	25.45 1.51 0.00	23.07 1.47 0.00	22.19 1.26 0.00	21.64 1.22 0.00	21.10 1.19 0.00	21.71 1.25 0.00	22.38 1.31 0.00	23.38 1.45 0.00	26.72 1.68 0.00	30.94 1.92 0.00	30.91 1.83 0.00	29.31 1.61 -2.14	26.73 1.45 -2.23	23.10 1.38 -0.19	21.30 1.19 0.00	20.21 0.98 0.00
BAYONEEC___CTG6 323687	18.46 0.69 0.00	17.20 0.68 0.00	15.26 0.60 0.00	15.01 0.58 0.00	15.03 0.61 0.00	16.74 0.64 0.00	24.54 1.06 0.00	26.85 1.47 0.00	25.45 1.51 0.00	23.07 1.47 0.00	22.19 1.26 0.00	21.64 1.22 0.00	21.10 1.19 0.00	21.71 1.25 0.00	22.38 1.31 0.00	23.38 1.45 0.00	26.72 1.68 0.00	30.94 1.92 0.00	30.91 1.83 0.00	29.31 1.61 -2.14	26.73 1.45 -2.23	23.10 1.38 -0.19	21.30 1.19 0.00	20.21 0.98 0.00
BAYONEEC___CTG7 323688	18.46 0.69 0.00	17.20 0.68 0.00	15.26 0.60 0.00	15.01 0.58 0.00	15.03 0.61 0.00	16.74 0.64 0.00	24.54 1.06 0.00	26.85 1.47 0.00	25.45 1.51 0.00	23.07 1.47 0.00	22.19 1.26 0.00	21.64 1.22 0.00	21.10 1.19 0.00	21.71 1.25 0.00	22.38 1.31 0.00	23.38 1.45 0.00	26.72 1.68 0.00	30.94 1.92 0.00	30.91 1.83 0.00	29.31 1.61 -2.14	26.73 1.45 -2.23	23.10 1.38 -0.19	21.30 1.19 0.00	20.21 0.98 0.00
BAYONEEC___CTG8 323689	18.46 0.69 0.00	17.20 0.68 0.00	15.26 0.60 0.00	15.01 0.58 0.00	15.03 0.61 0.00	16.74 0.64 0.00	24.54 1.06 0.00	26.85 1.47 0.00	25.45 1.51 0.00	23.07 1.47 0.00	22.19 1.26 0.00	21.64 1.22 0.00	21.10 1.19 0.00	21.71 1.25 0.00	22.38 1.31 0.00	23.38 1.45 0.00	26.72 1.68 0.00	30.94 1.92 0.00	30.91 1.83 0.00	29.31 1.61 -2.14	26.73 1.45 -2.23	23.10 1.38 -0.19	21.30 1.19 0.00	20.21 0.98 0.00

BAYONEEC___CTG9 323749	18.46 0.69 0.00	17.20 0.68 0.00	15.26 0.60 0.00	15.01 0.58 0.00	15.03 0.61 0.00	16.74 0.64 0.00	24.54 1.06 0.00	26.85 1.47 0.00	25.45 1.51 0.00	23.07 1.47 0.00	22.19 1.26 0.00	21.64 1.22 0.00	21.10 1.19 0.00	21.71 1.25 0.00	22.38 1.31 0.00	23.38 1.45 0.00	26.72 1.68 0.00	30.94 1.92 0.00	30.91 1.83 0.00	29.31 1.61 -2.14	26.73 1.45 -2.23	23.10 1.38 -0.19	21.30 1.19 0.00	20.21 0.98 0.00
BEACON___LESR 323632	18.23 0.46 0.00	16.98 0.46 0.00	15.08 0.43 0.00	14.84 0.40 0.00	14.87 0.45 0.00	16.60 0.50 0.00	24.24 0.75 0.00	26.32 0.94 0.00	24.78 0.84 0.00	22.33 0.73 0.00	21.52 0.59 0.00	20.98 0.57 0.00	20.48 0.58 0.00	21.05 0.59 0.00	21.71 0.63 0.00	22.81 0.88 0.00	26.09 1.05 0.00	30.25 1.22 0.00	30.32 1.25 0.00	29.36 1.10 -2.71	26.86 0.99 -2.82	22.68 0.90 -0.25	20.77 0.66 0.00	19.79 0.56 0.00
BEAVER RIVER___HYD 24048	17.93 0.16 0.00	16.67 0.15 0.00	14.75 0.09 0.00	14.56 0.13 0.00	14.51 0.09 0.00	16.26 0.16 0.00	23.70 0.21 0.00	25.43 0.05 0.00	23.87 -0.07 0.00	21.42 -0.17 0.00	20.73 -0.21 0.00	20.19 -0.22 0.00	19.68 -0.22 0.00	20.27 -0.18 0.00	20.88 -0.19 0.00	21.73 -0.20 0.00	25.09 0.05 0.00	29.11 0.09 0.00	29.31 0.23 0.00	25.67 0.03 -0.09	23.07 -0.07 -0.09	21.37 -0.17 -0.01	19.93 -0.18 0.00	19.00 -0.23 0.00
BEEBEE_GT_13 23619	18.19 0.43 0.00	16.92 0.40 0.00	14.97 0.31 0.00	14.85 0.42 0.00	14.75 0.33 0.00	16.52 0.42 0.00	23.86 0.38 0.00	25.25 -0.13 0.00	23.85 -0.10 0.00	21.60 0.00 0.00	21.04 0.10 0.00	20.45 0.04 0.00	19.92 0.02 0.00	20.60 0.14 0.00	21.10 0.02 0.00	22.04 0.11 0.00	25.07 0.03 0.00	29.11 0.09 0.00	29.08 0.00 0.00	25.96 0.10 -0.30	23.54 0.18 -0.31	21.51 -0.04 -0.03	19.93 -0.18 0.00	19.44 0.21 0.00
BENSHRST_27_KV_BENSHRST_1 355998	18.66 0.89 -0.01	17.37 0.84 -0.01	15.41 0.75 -0.01	15.14 0.69 -0.01	15.15 0.72 -0.01	16.81 0.71 0.00	24.71 1.22 0.00	27.10 1.73 0.00	25.73 1.77 -0.01	23.27 1.66 -0.01	22.37 1.42 -0.01	21.85 1.43 -0.01	21.33 1.41 -0.01	21.84 1.37 -0.01	22.56 1.48 -0.01	23.65 1.71 -0.01	30.90 2.03 -3.83	31.36 2.32 -0.01	31.35 2.27 -0.01	29.68 1.97 -2.16	27.04 1.75 -2.24	23.35 1.61 -0.20	21.57 1.45 -0.01	20.41 1.17 -0.01
BETHLEHEM___GRP 23843	17.95 0.18 0.00	16.75 0.23 0.00	14.91 0.25 0.00	14.65 0.22 0.00	14.67 0.25 0.00	16.36 0.26 0.00	23.84 0.35 0.00	25.89 0.51 0.00	24.40 0.45 0.00	21.94 0.35 0.00	21.16 0.23 0.00	20.66 0.24 0.00	20.18 0.28 0.00	20.68 0.23 0.00	21.33 0.25 0.00	22.39 0.46 0.00	25.59 0.55 0.00	29.69 0.67 0.00	29.74 0.67 0.00	28.86 0.59 -2.72	26.41 0.53 -2.83	22.27 0.50 -0.25	20.45 0.34 0.00	19.46 0.23 0.00
BETHLEHEM___GS1 323560	17.95 0.18 0.00	16.75 0.23 0.00	14.89 0.23 0.00	14.65 0.22 0.00	14.67 0.24 0.00	16.36 0.26 0.00	23.84 0.35 0.00	25.89 0.51 0.00	24.40 0.45 0.00	21.96 0.37 0.00	21.19 0.25 0.00	20.68 0.26 0.00	20.18 0.28 0.00	20.74 0.29 0.00	21.37 0.29 0.00	22.39 0.46 0.00	25.59 0.55 0.00	29.69 0.67 0.00	29.74 0.67 0.00	28.86 0.59 -2.71	26.40 0.53 -2.82	22.27 0.50 -0.25	20.41 0.30 0.00	19.48 0.25 0.00
BETHLEHEM___GS2 323561	17.95 0.18 0.00	16.75 0.23 0.00	14.89 0.23 0.00	14.65 0.22 0.00	14.67 0.24 0.00	16.36 0.26 0.00	23.84 0.35 0.00	25.89 0.51 0.00	24.40 0.45 0.00	21.96 0.37 0.00	21.19 0.25 0.00	20.68 0.26 0.00	20.18 0.28 0.00	20.74 0.29 0.00	21.37 0.29 0.00	22.39 0.46 0.00	25.59 0.55 0.00	29.69 0.67 0.00	29.74 0.67 0.00	28.86 0.59 -2.71	26.40 0.53 -2.82	22.27 0.50 -0.25	20.41 0.30 0.00	19.48 0.25 0.00
BETHLEHEM___GS3 323562	17.95 0.18 0.00	16.75 0.23 0.00	14.89 0.23 0.00	14.65 0.22 0.00	14.67 0.24 0.00	16.36 0.26 0.00	23.84 0.35 0.00	25.89 0.51 0.00	24.40 0.45 0.00	21.96 0.37 0.00	21.19 0.25 0.00	20.68 0.26 0.00	20.18 0.28 0.00	20.74 0.29 0.00	21.37 0.29 0.00	22.39 0.46 0.00	25.59 0.55 0.00	29.69 0.67 0.00	29.74 0.67 0.00	28.86 0.59 -2.71	26.40 0.53 -2.82	22.27 0.50 -0.25	20.41 0.30 0.00	19.48 0.25 0.00
BETHLEHEM___STEEL 23779	18.41 0.64 0.00	17.10 0.58 0.00	15.16 0.50 0.00	15.07 0.64 0.00	14.97 0.55 0.00	16.71 0.61 0.00	23.98 0.49 0.00	25.13 -0.25 0.00	23.82 -0.12 0.00	21.64 0.04 0.00	21.21 0.27 0.00	20.60 0.18 0.00	20.06 0.16 0.00	20.87 0.41 0.00	21.22 0.15 0.00	22.21 0.29 0.00	25.17 0.13 0.00	29.08 0.06 0.00	28.96 -0.12 0.00	25.55 -0.38 -0.38	23.16 -0.28 -0.39	21.39 -0.17 -0.03	19.77 -0.34 0.00	19.48 0.25 0.00
BETHLHEM_115KV_TB1 79974	18.00 0.23 0.00	16.80 0.28 0.00	14.94 0.28 0.00	14.68 0.25 0.00	14.70 0.27 0.00	16.40 0.31 0.00	23.91 0.42 0.00	25.96 0.58 0.00	24.47 0.53 0.00	22.03 0.43 0.00	21.23 0.29 0.00	20.72 0.31 0.00	20.24 0.34 0.00	20.74 0.29 0.00	21.39 0.32 0.00	22.46 0.53 0.00	25.67 0.63 0.00	29.78 0.75 0.00	29.83 0.76 0.00	28.94 0.66 -2.72	26.48 0.60 -2.83	22.34 0.56 -0.25	20.51 0.40 0.00	19.54 0.31 0.00
BETHPAGE_CC_5 323564	18.98 1.21 0.00	17.60 1.07 0.00	15.51 0.85 0.00	15.24 0.81 0.00	15.26 0.84 0.00	17.11 1.01 0.00	25.01 1.53 0.00	27.60 2.21 -0.01	26.17 2.18 -0.05	23.66 2.05 -0.01	24.77 1.78 -2.06	24.83 1.71 -2.70	22.84 1.65 -1.28	25.09 1.72 -2.92	25.43 1.81 -2.54	27.58 2.00 -3.66	29.45 2.25 -2.16	32.06 2.58 -0.45	31.90 2.53 -0.30	32.43 2.25 -4.62	30.74 2.03 -5.66	27.67 1.92 -4.22	21.82 1.69 -0.02	20.69 1.46 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	18.43 0.66 0.00	17.10 0.58 0.00	15.17 0.51 0.00	15.08 0.65 0.00	14.98 0.56 0.00	16.73 0.63 0.00	24.00 0.52 0.00	25.18 -0.20 0.00	23.90 -0.05 0.00	21.68 0.09 0.00	21.27 0.33 0.00	20.64 0.22 0.00	20.10 0.20 0.00	20.93 0.47 0.00	21.28 0.21 0.00	22.26 0.33 0.00	25.24 0.20 0.00	29.17 0.15 0.00	29.05 -0.03 0.00	25.53 -0.41 -0.38	23.15 -0.30 -0.40	21.41 -0.15 -0.03	19.81 -0.30 0.00	19.48 0.25 0.00
BINGHAMTON___COGEN 23790	18.18 0.41 0.00	16.90 0.38 0.00	14.97 0.31 0.00	14.77 0.33 0.00	14.73 0.30 0.00	16.47 0.37 0.00	24.03 0.54 0.00	25.81 0.43 0.00	24.38 0.43 0.00	21.99 0.39 0.00	21.31 0.38 0.00	20.74 0.33 0.00	20.22 0.32 0.00	20.87 0.41 0.00	21.45 0.38 0.00	22.39 0.46 0.00	25.54 0.50 0.00	29.58 0.55 0.00	29.57 0.49 0.00	26.56 0.28 -0.72	24.10 0.30 -0.75	21.92 0.32 -0.07	20.35 0.24 0.00	19.54 0.31 0.00
BIXINCNT_115KV_LOAD 355685	18.46 0.69 0.00	17.13 0.61 0.00	15.20 0.54 0.00	15.10 0.66 0.00	15.01 0.59 0.00	16.73 0.63 0.00	24.10 0.61 0.00	25.40 0.03 0.00	24.11 0.17 0.00	21.90 0.30 0.00	21.50 0.57 0.00	20.82 0.41 0.00	20.30 0.40 0.00	21.15 0.70 0.00	21.52 0.44 0.00	22.50 0.57 0.00	25.52 0.48 0.00	29.46 0.44 0.00	29.28 0.20 0.00	25.44 -0.51 -0.40	23.02 -0.44 -0.41	21.44 -0.13 -0.04	19.81 -0.30 0.00	19.44 0.21 0.00

BLACK RIVER___HYD 24047	18.19 0.43 0.00	16.94 0.41 0.00	14.95 0.29 0.00	14.78 0.35 0.00	14.71 0.29 0.00	16.52 0.42 0.00	24.40 0.92 0.00	26.09 0.71 0.00	24.50 0.55 0.00	21.92 0.32 0.00	21.14 0.21 0.00	20.60 0.18 0.00	20.10 0.20 0.00	20.74 0.29 0.00	21.37 0.29 0.00	22.26 0.33 0.00	25.52 0.47 0.00	29.64 0.61 0.00	29.86 0.79 0.00	26.24 0.56 -0.12	23.59 0.42 -0.12	21.80 0.26 -0.01	20.31 0.20 0.00	19.37 0.14 0.00
BLACKRVR_115KV_TB2 79977	18.19 0.43 0.00	16.93 0.41 0.00	14.95 0.29 0.00	14.78 0.35 0.00	14.71 0.29 0.00	16.52 0.42 0.00	24.40 0.92 0.00	26.09 0.71 0.00	24.50 0.55 0.00	21.92 0.32 0.00	21.21 0.27 0.00	20.62 0.20 0.00	20.10 0.20 0.00	20.85 0.39 0.00	21.39 0.32 0.00	22.26 0.33 0.00	25.52 0.48 0.00	29.64 0.61 0.00	29.86 0.79 0.00	26.28 0.56 -0.16	23.63 0.41 -0.17	21.78 0.24 -0.01	20.29 0.18 0.00	19.36 0.13 0.00
BLISS_WT_PWR 323608	18.44 0.68 0.00	17.13 0.61 0.00	15.29 0.63 0.00	15.10 0.66 0.00	15.01 0.59 0.00	16.73 0.63 0.00	24.09 0.61 0.00	25.43 0.05 0.00	24.14 0.19 0.00	21.92 0.32 0.00	21.25 0.31 0.00	20.78 0.37 0.00	20.32 0.42 0.00	20.68 0.23 0.00	21.54 0.46 0.00	22.52 0.59 0.00	25.54 0.50 0.00	29.49 0.46 0.00	29.31 0.23 0.00	25.41 -0.51 -0.36	22.99 -0.44 -0.38	21.35 -0.22 -0.03	19.79 -0.32 0.00	19.42 0.19 0.00
BLUESTONE___WT_PWR 323821	19.01 1.24 0.00	17.69 1.17 0.00	15.61 0.95 0.00	15.43 1.00 0.00	15.35 0.92 0.00	17.22 1.13 0.00	25.25 1.76 0.00	27.11 1.73 0.00	25.50 1.56 0.00	22.87 1.27 0.00	22.02 1.09 0.00	21.47 1.06 0.00	20.96 1.05 0.00	21.64 1.19 0.00	22.36 1.29 0.00	23.35 1.42 0.00	26.82 1.78 0.00	31.12 2.09 0.00	31.23 2.15 0.00	28.08 1.74 -0.79	25.41 1.54 -0.82	22.96 1.36 -0.07	21.25 1.15 0.00	20.31 1.08 0.00
BLUE_CIRC_CHEM_DRP 24182	18.28 0.52 0.00	17.03 0.51 0.00	15.13 0.47 0.00	14.88 0.45 0.00	14.90 0.48 0.00	16.63 0.53 0.00	24.26 0.78 0.00	26.32 0.94 0.00	24.78 0.84 0.00	22.31 0.71 0.00	21.52 0.59 0.00	21.00 0.59 0.00	20.50 0.60 0.00	21.03 0.57 0.00	21.69 0.61 0.00	22.78 0.86 0.00	26.04 1.00 0.00	30.19 1.16 0.00	30.27 1.19 0.00	29.28 1.05 -2.67	26.76 0.92 -2.78	22.63 0.86 -0.24	20.79 0.68 0.00	19.81 0.58 0.00
BOC_GAS_DRP 24189	18.16 0.39 0.00	16.90 0.38 0.00	15.01 0.35 0.00	14.77 0.33 0.00	14.78 0.36 0.00	16.48 0.39 0.00	24.05 0.56 0.00	26.14 0.76 0.00	24.64 0.69 0.00	22.20 0.60 0.00	21.42 0.48 0.00	20.90 0.49 0.00	20.40 0.50 0.00	20.91 0.45 0.00	21.56 0.48 0.00	22.61 0.68 0.00	25.82 0.78 0.00	29.96 0.93 0.00	30.01 0.93 0.00	29.09 0.82 -2.71	26.61 0.74 -2.82	22.47 0.69 -0.25	20.67 0.56 0.00	19.69 0.46 0.00
BOONVILLE_115KV_TB1 79983	18.18 0.41 0.00	16.90 0.38 0.00	14.95 0.29 0.00	14.77 0.33 0.00	14.71 0.29 0.00	16.47 0.37 0.00	24.07 0.59 0.00	25.86 0.48 0.00	24.33 0.38 0.00	21.86 0.26 0.00	21.21 0.27 0.00	20.62 0.20 0.00	20.10 0.20 0.00	20.80 0.35 0.00	21.35 0.27 0.00	22.21 0.29 0.00	25.49 0.45 0.00	29.55 0.52 0.00	29.69 0.61 0.00	26.05 0.41 -0.08	23.44 0.30 -0.09	21.73 0.19 -0.01	20.27 0.16 0.00	19.36 0.13 0.00
BORALEX_4TH_BRANCH 23824	18.66 0.89 0.00	17.36 0.84 0.00	15.44 0.78 0.00	15.16 0.72 0.00	15.19 0.76 0.00	16.97 0.87 0.00	24.80 1.32 0.00	26.90 1.52 0.00	25.36 1.41 0.00	22.74 1.14 0.00	21.92 0.98 0.00	21.41 1.00 0.00	20.90 1.00 0.00	21.40 0.94 0.00	22.04 0.97 0.00	23.14 1.21 0.00	26.44 1.40 0.00	30.77 1.74 0.00	30.85 1.77 0.00	29.85 1.58 -2.70	27.29 1.43 -2.81	23.13 1.36 -0.25	21.20 1.09 0.00	20.27 1.04 0.00
BOWLINE___1 23526	18.39 0.62 0.00	17.12 0.59 0.00	15.17 0.51 0.00	14.93 0.49 0.00	14.94 0.52 0.00	16.66 0.56 0.00	24.40 0.92 0.00	26.65 1.27 0.00	25.21 1.27 0.00	22.81 1.21 0.00	21.98 1.05 0.00	21.43 1.02 0.00	20.90 0.99 0.00	21.48 1.02 0.00	22.15 1.07 0.00	23.16 1.23 0.00	26.44 1.40 0.00	30.68 1.65 0.00	30.67 1.60 0.00	29.02 1.40 -2.06	26.46 1.27 -2.14	22.92 1.20 -0.19	21.09 0.99 0.00	20.08 0.85 0.00
BOWLINE___2 23595	18.39 0.62 0.00	17.12 0.59 0.00	15.17 0.51 0.00	14.93 0.49 0.00	14.94 0.52 0.00	16.66 0.56 0.00	24.40 0.92 0.00	26.65 1.27 0.00	25.21 1.27 0.00	22.81 1.21 0.00	21.98 1.05 0.00	21.43 1.02 0.00	20.90 0.99 0.00	21.48 1.02 0.00	22.15 1.07 0.00	23.16 1.23 0.00	26.44 1.40 0.00	30.68 1.65 0.00	30.67 1.60 0.00	29.02 1.40 -2.06	26.46 1.27 -2.14	22.92 1.20 -0.19	21.09 0.99 0.00	20.08 0.85 0.00
BRADY___115KV_TB2 356060	17.66 -0.11 0.00	16.39 -0.13 0.00	14.59 -0.07 0.00	14.36 -0.07 0.00	14.34 -0.09 0.00	15.95 -0.14 0.00	23.23 -0.26 0.00	24.97 -0.41 0.00	23.49 -0.45 0.00	21.14 -0.45 0.00	20.62 -0.31 0.00	20.02 -0.39 0.00	19.50 -0.40 0.00	20.11 -0.35 0.00	20.69 -0.38 0.00	21.45 -0.48 0.00	24.59 -0.45 0.00	28.48 -0.55 0.00	28.70 -0.38 0.00	25.28 -0.28 0.00	22.73 -0.32 0.00	21.25 -0.28 0.00	19.99 -0.12 0.00	19.04 -0.19 0.00
BRANSCOMB___SOLAR 323811	18.73 0.96 0.00	17.40 0.88 0.00	15.42 0.76 0.00	15.19 0.75 0.00	15.20 0.78 0.00	17.02 0.92 0.00	24.92 1.43 0.00	27.00 1.63 0.00	25.36 1.41 0.00	22.85 1.25 0.00	22.02 1.09 0.00	21.45 1.04 0.00	20.94 1.03 0.00	21.52 1.06 0.00	22.19 1.12 0.00	23.33 1.40 0.00	26.62 1.58 0.00	30.86 1.83 0.00	30.96 1.89 0.00	29.99 1.66 -2.77	27.52 1.59 -2.88	23.23 1.44 -0.25	21.30 1.19 0.00	20.31 1.08 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	19.14 1.37 0.00	17.73 1.21 0.00	15.63 0.97 0.00	15.33 0.89 0.00	15.42 1.00 0.00	17.23 1.13 0.00	25.25 1.76 0.00	27.97 2.59 0.00	26.53 2.54 -0.05	23.93 2.33 0.00	24.77 1.78 -2.06	25.05 1.94 -2.70	23.06 1.87 -1.28	25.09 1.72 -2.92	25.60 1.98 -2.54	27.89 2.30 -3.66	29.85 2.65 -2.16	32.54 3.05 -0.46	32.38 2.99 -0.31	35.66 2.68 -7.42	31.14 2.42 -5.67	28.04 2.28 -4.22	22.14 2.01 -0.02	20.94 1.71 0.00
BRISTLHL_115KV_TB1 79998	18.16 0.39 0.00	16.89 0.36 0.00	14.91 0.25 0.00	14.72 0.29 0.00	14.68 0.26 0.00	16.45 0.35 0.00	24.05 0.56 0.00	25.71 0.33 0.00	24.28 0.34 0.00	21.86 0.26 0.00	21.25 0.31 0.00	20.62 0.20 0.00	20.08 0.18 0.00	20.85 0.39 0.00	21.35 0.27 0.00	22.21 0.29 0.00	25.47 0.43 0.00	29.52 0.49 0.00	29.51 0.44 0.00	26.12 0.33 -0.23	23.61 0.32 -0.24	21.81 0.26 -0.02	20.37 0.26 0.00	19.56 0.33 0.00
BROOKHAVEN___DRP 24191	19.19 1.42 0.00	17.79 1.27 0.00	15.66 1.00 0.00	15.37 0.94 0.00	15.45 1.02 0.00	17.27 1.18 0.00	25.27 1.78 0.00	28.10 2.72 0.00	26.67 2.68 -0.05	24.04 2.44 0.00	24.81 1.82 -2.06	25.15 2.04 -2.70	23.12 1.93 -1.28	25.15 1.78 -2.92	25.70 2.09 -2.54	28.00 2.41 -3.66	29.98 2.78 -2.16	32.80 3.25 -0.52	32.65 3.20 -0.37	46.49 2.91 -18.02	31.30 2.58 -5.67	28.19 2.43 -4.22	22.24 2.11 -0.02	21.00 1.77 0.00

BROOKLYN_NAVY_YARD 23515	18.46 0.69 0.00	17.18 0.66 0.00	15.25 0.59 0.00	14.98 0.55 0.00	15.00 0.58 0.00	16.73 0.63 0.00	24.54 1.06 0.00	26.88 1.50 0.00	25.48 1.53 0.00	23.09 1.49 0.00	22.17 1.23 0.00	21.62 1.20 0.00	21.08 1.17 0.00	21.71 1.25 0.00	22.38 1.31 0.00	23.38 1.45 0.00	26.75 1.70 0.00	30.91 1.89 0.00	30.88 1.80 0.00	29.31 1.61 -2.14	26.73 1.45 -2.23	23.10 1.38 -0.19	21.30 1.19 0.00	20.21 0.98 0.00
BROOKLYN___ARMY_DRP 323595	18.61 0.84 -0.01	17.31 0.78 -0.01	15.37 0.70 -0.01	15.09 0.65 -0.01	15.11 0.68 -0.01	16.76 0.66 0.00	24.64 1.15 0.00	27.00 1.62 0.00	25.63 1.68 -0.01	23.18 1.58 -0.01	22.26 1.32 -0.01	21.77 1.35 -0.01	21.25 1.33 -0.01	21.76 1.29 -0.01	22.45 1.37 -0.01	23.54 1.60 -0.01	30.78 1.90 -3.83	31.21 2.18 -0.01	31.21 2.12 -0.01	29.56 1.84 -2.16	26.93 1.64 -2.24	23.26 1.53 -0.20	21.48 1.37 -0.01	20.33 1.10 -0.01
BROOKVLE_69_KV_TB1 55790	18.85 1.08 0.00	17.51 0.99 0.00	15.48 0.82 0.00	15.20 0.77 0.00	15.24 0.82 0.00	17.02 0.92 0.00	24.94 1.46 0.00	27.44 2.06 0.00	26.00 2.01 -0.05	23.48 1.88 0.00	24.56 1.57 -2.06	24.72 1.61 -2.70	22.78 1.59 -1.28	24.89 1.51 -2.91	25.28 1.66 -2.54	27.49 1.91 -3.66	29.38 2.18 -2.16	32.00 2.53 -0.44	31.84 2.47 -0.29	31.92 2.17 -4.19	30.67 1.96 -5.66	27.60 1.85 -4.22	21.76 1.63 -0.02	20.62 1.38 0.00
BROOME_2_LFGE 323671	18.18 0.41 0.00	16.90 0.38 0.00	14.98 0.32 0.00	14.77 0.33 0.00	14.73 0.30 0.00	16.47 0.37 0.00	24.03 0.54 0.00	25.81 0.43 0.00	24.38 0.43 0.00	22.01 0.41 0.00	21.25 0.31 0.00	20.72 0.31 0.00	20.22 0.32 0.00	20.78 0.33 0.00	21.45 0.38 0.00	22.39 0.46 0.00	25.54 0.50 0.00	29.58 0.55 0.00	29.57 0.49 0.00	26.52 0.28 -0.68	24.06 0.30 -0.71	21.89 0.30 -0.06	20.35 0.24 0.00	19.54 0.31 0.00
BROOME___LFGE 323600	18.18 0.41 0.00	16.90 0.38 0.00	14.98 0.32 0.00	14.77 0.33 0.00	14.73 0.30 0.00	16.47 0.37 0.00	24.03 0.54 0.00	25.81 0.43 0.00	24.38 0.43 0.00	22.01 0.41 0.00	21.25 0.31 0.00	20.72 0.31 0.00	20.22 0.32 0.00	20.78 0.33 0.00	21.45 0.38 0.00	22.39 0.46 0.00	25.54 0.50 0.00	29.58 0.55 0.00	29.57 0.49 0.00	26.52 0.28 -0.68	24.06 0.30 -0.71	21.89 0.30 -0.06	20.35 0.24 0.00	19.54 0.31 0.00
BROWNFLS_115KV_TB_3_5 80003	17.72 -0.05 0.00	16.46 -0.07 0.00	14.60 -0.06 0.00	14.41 -0.03 0.00	14.35 -0.07 0.00	16.03 -0.06 0.00	23.34 -0.14 0.00	25.00 -0.38 0.00	23.44 -0.50 0.00	21.08 -0.52 0.00	20.47 -0.46 0.00	19.90 -0.51 0.00	19.41 -0.50 0.00	20.01 -0.45 0.00	20.59 -0.48 0.00	21.36 -0.57 0.00	24.59 -0.45 0.00	28.50 -0.52 0.00	28.73 -0.35 0.00	25.24 -0.38 -0.07	22.70 -0.41 -0.07	21.13 -0.41 -0.01	19.81 -0.30 0.00	18.90 -0.33 0.00
BROWNSV1_27_KV_LOAD 356125	18.60 0.84 0.00	17.31 0.79 0.00	15.39 0.73 0.00	15.10 0.66 0.00	15.11 0.69 0.00	16.84 0.74 0.00	24.73 1.24 0.00	27.08 1.70 0.00	25.67 1.72 0.00	23.22 1.62 0.00	22.30 1.36 0.00	21.78 1.37 0.00	21.26 1.35 0.00	21.77 1.31 0.00	22.49 1.41 0.00	23.55 1.62 0.00	26.97 1.93 0.00	31.20 2.18 0.00	31.20 2.12 0.00	29.55 1.84 -2.15	26.94 1.66 -2.23	23.28 1.55 -0.20	21.52 1.41 0.00	20.36 1.13 0.00
BURROWS___LYONSDAL 23803	18.14 0.37 0.00	16.87 0.35 0.00	14.91 0.25 0.00	14.72 0.29 0.00	14.68 0.26 0.00	16.44 0.34 0.00	24.03 0.54 0.00	25.79 0.41 0.00	24.26 0.31 0.00	21.77 0.17 0.00	21.12 0.19 0.00	20.53 0.12 0.00	20.02 0.12 0.00	20.70 0.25 0.00	21.26 0.19 0.00	22.13 0.20 0.00	25.42 0.38 0.00	29.46 0.44 0.00	29.63 0.55 0.00	25.95 0.31 -0.09	23.35 0.21 -0.09	21.62 0.09 -0.01	20.17 0.06 0.00	19.27 0.04 0.00
CAITHNESS_CC_1 323624	19.14 1.37 0.00	17.74 1.22 0.00	15.60 0.94 0.00	15.33 0.90 0.00	15.35 0.92 0.00	17.24 1.14 0.00	25.20 1.71 0.00	28.00 2.61 -0.01	26.58 2.59 -0.05	24.00 2.40 -0.01	25.06 2.07 -2.06	25.09 1.98 -2.70	23.04 1.85 -1.28	25.32 1.94 -2.91	25.70 2.09 -2.54	27.91 2.32 -3.66	29.88 2.68 -2.16	32.66 3.11 -0.52	32.53 3.08 -0.37	46.40 2.79 -18.06	31.19 2.47 -5.67	28.08 2.33 -4.22	22.10 1.97 -0.02	20.89 1.65 0.00
CALPINE BETH_PAGE_GT4 24209	18.98 1.21 0.00	17.60 1.07 0.00	15.52 0.86 0.00	15.24 0.81 0.00	15.30 0.88 0.00	17.10 1.00 0.00	24.99 1.50 0.00	27.54 2.16 0.00	26.10 2.11 -0.05	23.56 1.97 0.00	24.54 1.55 -2.06	24.74 1.63 -2.70	22.80 1.61 -1.28	24.89 1.51 -2.92	25.30 1.69 -2.54	27.52 1.93 -3.66	29.33 2.13 -2.16	31.94 2.47 -0.45	31.78 2.41 -0.30	32.20 2.12 -4.52	30.65 1.94 -5.67	27.56 1.81 -4.22	21.84 1.71 -0.02	20.67 1.44 0.00
CALPINE_BETH_PAGE_GT_4 323586	18.98 1.21 0.00	17.60 1.07 0.00	15.51 0.85 0.00	15.24 0.81 0.00	15.26 0.84 0.00	17.11 1.01 0.00	24.99 1.50 0.00	27.55 2.16 -0.01	26.10 2.11 -0.05	23.59 1.99 -0.01	24.73 1.74 -2.06	24.76 1.65 -2.70	22.80 1.61 -1.28	25.03 1.66 -2.92	25.39 1.77 -2.54	27.54 1.95 -3.66	29.33 2.13 -2.16	31.94 2.47 -0.45	31.78 2.41 -0.30	32.19 2.12 -4.51	30.65 1.94 -5.66	27.56 1.81 -4.22	21.76 1.63 -0.02	20.63 1.40 0.00
CALPINE_BP_GT1 23823	18.98 1.21 0.00	17.60 1.07 0.00	15.51 0.85 0.00	15.24 0.81 0.00	15.26 0.84 0.00	17.11 1.01 0.00	24.99 1.50 0.00	27.55 2.16 -0.01	26.10 2.11 -0.05	23.59 1.99 -0.01	24.73 1.74 -2.06	24.76 1.65 -2.70	22.80 1.61 -1.28	25.03 1.66 -2.92	25.39 1.77 -2.54	27.54 1.95 -3.66	29.33 2.13 -2.16	31.94 2.47 -0.45	31.78 2.41 -0.30	32.19 2.12 -4.51	30.65 1.94 -5.66	27.56 1.81 -4.22	21.76 1.63 -0.02	20.63 1.40 0.00
CALSPAN___DRP 24200	18.41 0.64 0.00	17.10 0.58 0.00	15.16 0.50 0.00	15.07 0.64 0.00	14.97 0.55 0.00	16.71 0.61 0.00	23.98 0.49 0.00	25.13 -0.25 0.00	23.82 -0.12 0.00	21.64 0.04 0.00	21.21 0.27 0.00	20.60 0.18 0.00	20.06 0.16 0.00	20.87 0.41 0.00	21.22 0.15 0.00	22.21 0.29 0.00	25.17 0.13 0.00	29.08 0.06 0.00	28.96 -0.12 0.00	25.55 -0.38 -0.38	23.16 -0.28 -0.39	21.39 -0.17 -0.03	19.77 -0.34 0.00	19.48 0.25 0.00
CALVERTON___SOLAR 323806	19.26 1.49 0.00	17.86 1.34 0.00	15.69 1.03 0.00	15.43 1.00 0.00	15.45 1.02 0.00	17.35 1.26 0.00	25.36 1.88 0.00	28.26 2.87 -0.01	26.79 2.80 -0.05	24.22 2.61 -0.01	25.25 2.26 -2.06	25.27 2.16 -2.70	23.22 2.03 -1.28	25.48 2.11 -2.91	25.89 2.28 -2.54	28.13 2.54 -3.66	30.13 2.93 -2.16	32.97 3.42 -0.52	32.85 3.40 -0.37	46.63 3.07 -18.00	31.46 2.74 -5.67	28.31 2.56 -4.22	22.28 2.15 -0.02	21.06 1.83 0.00
CANDIGU_WT_PWR 323617	18.34 0.57 0.00	17.02 0.50 0.00	15.13 0.47 0.00	14.93 0.49 0.00	14.87 0.45 0.00	16.61 0.52 0.00	24.05 0.56 0.00	25.53 0.15 0.00	24.18 0.24 0.00	21.88 0.28 0.00	21.12 0.19 0.00	20.64 0.22 0.00	20.14 0.24 0.00	20.62 0.16 0.00	21.37 0.29 0.00	22.34 0.42 0.00	25.49 0.45 0.00	29.49 0.46 0.00	29.43 0.35 0.00	26.02 0.00 -0.46	23.58 0.05 -0.48	21.66 0.09 -0.04	20.07 -0.04 0.00	19.48 0.25 0.00

CARR STREET_E__SYR 24060	17.80 0.04 0.00	16.55 0.03 0.00	14.67 0.01 0.00	14.46 0.03 0.00	14.44 0.01 0.00	16.15 0.05 0.00	23.56 0.07 0.00	25.25 -0.13 0.00	23.85 -0.10 0.00	21.49 -0.11 0.00	20.79 -0.15 0.00	20.27 -0.14 0.00	19.78 -0.12 0.00	20.34 -0.12 0.00	20.95 -0.13 0.00	21.84 -0.09 0.00	24.97 -0.07 0.00	28.85 -0.17 0.00	28.84 -0.23 0.00	25.53 -0.23 -0.20	23.14 -0.11 -0.21	21.46 -0.09 -0.02	20.05 -0.06 0.00	19.23 0.00 0.00
CARTHAGE__PAPER 23857	17.98 0.21 0.00	16.74 0.21 0.00	14.79 0.13 0.00	14.61 0.17 0.00	14.55 0.13 0.00	16.32 0.23 0.00	23.93 0.45 0.00	25.68 0.31 0.00	24.11 0.17 0.00	21.60 0.00 0.00	20.87 -0.06 0.00	20.33 -0.08 0.00	19.82 -0.08 0.00	20.44 -0.02 0.00	21.05 -0.02 0.00	21.91 -0.02 0.00	25.22 0.18 0.00	29.29 0.26 0.00	29.51 0.44 0.00	25.89 0.23 -0.11	23.28 0.12 -0.11	21.52 -0.02 -0.01	20.05 -0.06 0.00	19.12 -0.11 0.00
CASSADAGA_WT_PWR 323784	18.76 0.99 0.00	17.41 0.89 0.00	15.52 0.86 0.00	15.35 0.91 0.00	15.24 0.82 0.00	17.03 0.93 0.00	24.38 0.89 0.00	25.68 0.31 0.00	24.40 0.45 0.00	22.27 0.67 0.00	21.62 0.69 0.00	21.21 0.80 0.00	20.72 0.82 0.00	21.07 0.61 0.00	21.92 0.84 0.00	22.92 0.99 0.00	26.02 0.98 0.00	30.04 1.02 0.00	29.83 0.75 0.00	26.10 0.18 -0.36	23.52 0.09 -0.38	21.72 0.15 -0.03	20.07 -0.04 0.00	19.61 0.38 0.00
CE_DUNWOOD__DRP 24194	18.48 0.71 0.00	17.20 0.68 0.00	15.27 0.62 0.00	15.00 0.56 0.00	15.01 0.59 0.00	16.74 0.64 0.00	24.54 1.06 0.00	26.83 1.45 0.00	25.38 1.44 0.00	22.94 1.34 0.00	22.04 1.11 0.00	21.56 1.14 0.00	21.04 1.13 0.00	21.52 1.06 0.00	22.21 1.14 0.00	23.29 1.36 0.00	26.62 1.58 0.00	30.88 1.86 0.00	30.88 1.80 0.00	29.28 1.58 -2.14	26.71 1.43 -2.23	23.08 1.36 -0.19	21.30 1.19 0.00	20.19 0.96 0.00
CE_MILLWOOD__DRP 24193	18.46 0.69 0.00	17.17 0.64 0.00	15.25 0.59 0.00	14.97 0.53 0.00	15.00 0.58 0.00	16.71 0.61 0.00	24.49 1.01 0.00	26.75 1.37 0.00	25.31 1.36 0.00	22.87 1.27 0.00	22.00 1.07 0.00	21.49 1.08 0.00	20.98 1.07 0.00	21.46 1.00 0.00	22.17 1.10 0.00	23.24 1.32 0.00	26.57 1.53 0.00	30.80 1.77 0.00	30.82 1.74 0.00	29.22 1.53 -2.13	26.65 1.38 -2.22	23.02 1.29 -0.19	21.24 1.13 0.00	20.13 0.90 0.00
CE_NYC2_DRP 24202	18.59 0.82 -0.01	17.31 0.78 -0.01	15.39 0.72 -0.01	15.09 0.65 -0.01	15.12 0.69 -0.01	16.79 0.69 0.00	24.64 1.15 0.00	27.00 1.62 0.00	25.58 1.63 -0.01	23.14 1.53 -0.01	22.24 1.30 -0.01	21.73 1.31 -0.01	21.21 1.29 -0.01	21.71 1.25 -0.01	22.41 1.33 -0.01	23.50 1.56 -0.01	30.68 1.80 -3.83	31.13 2.09 -0.01	31.09 2.01 -0.01	29.48 1.76 -2.16	26.88 1.59 -2.24	23.24 1.51 -0.20	21.48 1.37 -0.01	20.35 1.12 -0.01
CE_NYC_DRP 24195	18.50 0.73 0.00	17.22 0.69 0.00	15.30 0.65 0.00	15.03 0.59 0.00	15.04 0.62 0.00	16.74 0.64 0.00	24.57 1.08 0.00	26.90 1.52 0.00	25.48 1.53 0.00	23.04 1.45 0.00	22.15 1.21 0.00	21.64 1.22 0.00	21.12 1.21 0.00	21.62 1.17 0.00	22.32 1.24 0.00	23.40 1.47 0.00	26.77 1.73 0.00	31.00 1.97 0.00	30.94 1.86 0.00	29.34 1.64 -2.15	26.76 1.48 -2.23	23.13 1.40 -0.20	21.38 1.27 0.00	20.23 1.00 0.00
CHAFFEE__LFGE 323603	18.41 0.64 0.00	17.08 0.56 0.00	15.25 0.59 0.00	15.07 0.63 0.00	14.97 0.55 0.00	16.71 0.61 0.00	23.98 0.49 0.00	25.18 -0.20 0.00	23.87 -0.07 0.00	21.68 0.09 0.00	21.00 0.06 0.00	20.56 0.14 0.00	20.08 0.18 0.00	20.44 -0.02 0.00	21.26 0.19 0.00	22.26 0.33 0.00	25.24 0.20 0.00	29.17 0.15 0.00	29.05 -0.03 0.00	25.55 -0.36 -0.35	23.14 -0.28 -0.37	21.39 -0.17 -0.03	19.83 -0.28 0.00	19.50 0.27 0.00
CHATEAUG_35_KV_LOAD 355732	17.96 0.20 0.00	16.64 0.12 0.00	14.84 0.18 0.00	14.59 0.16 0.00	14.58 0.16 0.00	16.19 0.10 0.00	23.32 -0.16 0.00	25.33 -0.05 0.00	23.90 -0.05 0.00	21.60 0.00 0.00	20.96 0.02 0.00	20.41 0.00 0.00	19.86 -0.04 0.00	20.40 -0.06 0.00	21.07 0.00 0.00	21.86 -0.07 0.00	25.02 -0.03 0.00	28.91 -0.12 0.00	29.37 0.29 0.00	25.89 0.33 0.00	23.19 0.14 0.00	21.64 0.11 0.00	20.13 0.02 0.00	19.11 -0.12 0.00
CHATEAUG_WT_PWR 323614	17.96 0.20 0.00	16.64 0.12 0.00	14.85 0.19 0.00	14.59 0.16 0.00	14.60 0.17 0.00	16.21 0.11 0.00	23.30 -0.19 0.00	25.30 -0.08 0.00	23.87 -0.07 0.00	21.53 -0.06 0.00	21.00 0.06 0.00	20.39 -0.02 0.00	19.84 -0.06 0.00	20.44 -0.02 0.00	21.05 -0.02 0.00	21.84 -0.09 0.00	24.99 -0.05 0.00	28.88 -0.14 0.00	29.37 0.29 0.00	25.87 0.31 0.00	23.14 0.09 0.00	21.60 0.06 0.00	20.11 0.00 0.00	19.10 -0.13 0.00
CHAT_HIGH_FALL_HYD 323578	17.96 0.20 0.00	16.64 0.12 0.00	14.84 0.18 0.00	14.59 0.16 0.00	14.58 0.16 0.00	16.20 0.10 0.00	23.32 -0.16 0.00	25.33 -0.05 0.00	23.90 -0.05 0.00	21.57 -0.02 0.00	21.02 0.08 0.00	20.41 0.00 0.00	19.86 -0.04 0.00	20.46 0.00 0.00	21.07 0.00 0.00	21.86 -0.07 0.00	25.02 -0.03 0.00	28.91 -0.12 0.00	29.37 0.29 0.00	25.89 0.33 0.00	23.19 0.14 0.00	21.62 0.09 0.00	20.13 0.02 0.00	19.12 -0.11 0.00
CHAUTAUQUA__LFGE 323629	18.60 0.84 0.00	17.27 0.74 0.00	15.39 0.73 0.00	15.21 0.78 0.00	15.11 0.69 0.00	16.87 0.77 0.00	24.21 0.73 0.00	25.48 0.10 0.00	24.18 0.24 0.00	22.01 0.41 0.00	21.33 0.40 0.00	20.90 0.49 0.00	20.42 0.52 0.00	20.76 0.31 0.00	21.60 0.53 0.00	22.59 0.66 0.00	25.64 0.60 0.00	29.64 0.61 0.00	29.45 0.38 0.00	25.91 0.00 -0.35	23.44 0.02 -0.37	21.63 0.06 -0.03	19.99 -0.12 0.00	19.59 0.36 0.00
CHERRYST_13_KV_LD 356241	18.53 0.76 0.00	17.25 0.73 0.00	15.33 0.67 0.00	15.06 0.62 0.00	15.07 0.65 0.00	16.77 0.68 0.00	24.64 1.15 0.00	26.98 1.60 0.00	25.55 1.60 0.00	23.11 1.51 0.00	22.21 1.28 0.00	21.70 1.29 0.00	21.18 1.27 0.00	21.68 1.23 0.00	22.38 1.31 0.00	23.46 1.54 0.00	26.85 1.80 0.00	31.06 2.03 0.00	31.02 1.95 0.00	29.42 1.71 -2.15	26.83 1.54 -2.23	23.17 1.44 -0.20	21.42 1.31 0.00	20.27 1.04 0.00
CHESTROR_138KV_BK263 355645	18.32 0.55 0.00	17.03 0.51 0.00	15.13 0.47 0.00	14.87 0.43 0.00	14.88 0.46 0.00	16.58 0.48 0.00	24.28 0.80 0.00	26.47 1.09 0.00	25.02 1.08 0.00	22.59 0.99 0.00	21.75 0.82 0.00	21.25 0.84 0.00	20.74 0.84 0.00	21.23 0.78 0.00	21.94 0.86 0.00	22.96 1.03 0.00	26.22 1.18 0.00	30.42 1.39 0.00	30.47 1.40 0.00	28.73 1.23 -1.95	26.18 1.11 -2.03	22.74 1.03 -0.18	21.01 0.90 0.00	19.96 0.73 0.00
CH_MIDHUDSON__DRP 24192	18.50 0.73 0.00	17.20 0.68 0.00	15.27 0.62 0.00	15.01 0.58 0.00	15.03 0.61 0.00	16.74 0.64 0.00	24.52 1.03 0.00	26.72 1.35 0.00	25.26 1.32 0.00	22.78 1.19 0.00	21.92 0.98 0.00	21.41 1.00 0.00	20.88 0.98 0.00	21.38 0.92 0.00	22.06 0.99 0.00	23.16 1.23 0.00	26.44 1.40 0.00	30.71 1.68 0.00	30.73 1.66 0.00	29.25 1.48 -2.21	26.67 1.31 -2.30	22.98 1.25 -0.20	21.20 1.09 0.00	20.11 0.88 0.00

CH_MISC_IPPS 23765	18.55 0.78 0.00	17.25 0.73 0.00	15.29 0.63 0.00	15.07 0.63 0.00	15.07 0.65 0.00	16.77 0.68 0.00	24.59 1.10 0.00	26.80 1.42 0.00	25.31 1.36 0.00	22.87 1.27 0.00	22.02 1.09 0.00	21.47 1.06 0.00	20.92 1.01 0.00	21.50 1.04 0.00	22.19 1.12 0.00	23.22 1.29 0.00	26.49 1.45 0.00	30.77 1.74 0.00	30.85 1.77 0.00	29.26 1.56 -2.14	26.64 1.36 -2.23	23.02 1.29 -0.19	21.15 1.05 0.00	20.15 0.92 0.00
CH_RES_BVR_FALLS 23983	17.56 -0.21 0.00	16.32 -0.20 0.00	14.50 -0.16 0.00	14.28 -0.16 0.00	14.26 -0.16 0.00	15.89 -0.21 0.00	23.16 -0.33 0.00	25.02 -0.36 0.00	23.61 -0.34 0.00	21.29 -0.30 0.00	20.70 -0.23 0.00	20.17 -0.24 0.00	19.66 -0.24 0.00	20.21 -0.24 0.00	20.82 -0.25 0.00	21.60 -0.33 0.00	24.69 -0.35 0.00	28.59 -0.43 0.00	28.70 -0.38 0.00	25.25 -0.31 0.00	22.75 -0.30 0.00	21.25 -0.28 0.00	19.91 -0.20 0.00	19.00 -0.23 0.00
CH_RES_NIAGARA 23895	17.88 0.11 0.00	16.60 0.08 0.00	14.84 0.18 0.00	14.65 0.22 0.00	14.57 0.14 0.00	16.24 0.14 0.00	23.25 -0.23 0.00	24.19 -1.19 0.00	22.92 -1.03 0.00	20.84 -0.76 0.00	20.14 -0.80 0.00	19.74 -0.67 0.00	19.31 -0.60 0.00	19.60 -0.86 0.00	20.38 -0.69 0.00	21.32 -0.61 0.00	24.12 -0.93 0.00	27.86 -1.16 0.00	27.77 -1.31 0.00	24.75 -1.12 -0.31	22.48 -0.90 -0.33	20.63 -0.93 -0.03	19.08 -1.02 0.00	18.92 -0.31 0.00
CH_RES_SYRACUSE 23985	18.00 0.23 0.00	16.74 0.21 0.00	14.81 0.15 0.00	14.61 0.17 0.00	14.57 0.14 0.00	16.31 0.21 0.00	23.81 0.33 0.00	25.53 0.15 0.00	24.09 0.14 0.00	21.70 0.11 0.00	20.98 0.04 0.00	20.47 0.06 0.00	19.96 0.06 0.00	20.54 0.08 0.00	21.16 0.08 0.00	22.04 0.11 0.00	25.27 0.22 0.00	29.26 0.23 0.00	29.25 0.18 0.00	25.91 0.13 -0.22	23.42 0.14 -0.23	21.68 0.13 -0.02	20.25 0.14 0.00	19.42 0.19 0.00
CLINTON_WT_PWR 323605	17.96 0.20 0.00	16.64 0.12 0.00	14.85 0.19 0.00	14.59 0.16 0.00	14.60 0.17 0.00	16.21 0.11 0.00	23.30 -0.19 0.00	25.30 -0.08 0.00	23.87 -0.07 0.00	21.53 -0.06 0.00	21.00 0.06 0.00	20.39 -0.02 0.00	19.84 -0.06 0.00	20.44 -0.02 0.00	21.05 -0.02 0.00	21.84 -0.09 0.00	24.99 -0.05 0.00	28.88 -0.14 0.00	29.37 0.29 0.00	25.87 0.31 0.00	23.14 0.09 0.00	21.60 0.06 0.00	20.11 0.00 0.00	19.10 -0.13 0.00
CLINTON__LFGE 323618	18.12 0.36 0.00	16.77 0.25 0.00	14.98 0.32 0.00	14.72 0.29 0.00	14.73 0.30 0.00	16.32 0.23 0.00	23.41 -0.07 0.00	25.48 0.10 0.00	24.04 0.10 0.00	21.68 0.09 0.00	21.14 0.21 0.00	20.51 0.10 0.00	19.96 0.06 0.00	20.54 0.08 0.00	21.16 0.08 0.00	22.00 0.07 0.00	25.19 0.15 0.00	29.08 0.06 0.00	29.69 0.61 0.00	26.17 0.61 0.00	23.42 0.37 0.00	21.85 0.32 0.00	20.31 0.20 0.00	19.27 0.04 0.00
COBBLENY_34_KV_TB1 80064	18.41 0.64 0.00	17.08 0.56 0.00	15.14 0.48 0.00	15.07 0.64 0.00	14.97 0.55 0.00	16.71 0.61 0.00	23.98 0.49 0.00	25.18 -0.20 0.00	23.87 -0.07 0.00	21.66 0.06 0.00	21.25 0.31 0.00	20.62 0.20 0.00	20.08 0.18 0.00	20.91 0.45 0.00	21.26 0.19 0.00	22.26 0.33 0.00	25.24 0.20 0.00	29.17 0.15 0.00	29.05 -0.03 0.00	25.59 -0.36 -0.39	23.18 -0.28 -0.40	21.44 -0.13 -0.04	19.81 -0.30 0.00	19.48 0.25 0.00
COFFEEN__115KV_TB3 355620	18.34 0.57 0.00	17.07 0.55 0.00	15.04 0.38 0.00	14.90 0.46 0.00	14.81 0.39 0.00	16.63 0.53 0.00	24.59 1.10 0.00	26.27 0.89 0.00	24.64 0.69 0.00	22.05 0.45 0.00	21.33 0.40 0.00	20.70 0.29 0.00	20.20 0.30 0.00	20.99 0.53 0.00	21.52 0.44 0.00	22.37 0.44 0.00	25.69 0.65 0.00	29.84 0.81 0.00	30.09 1.02 0.00	26.49 0.77 -0.16	23.82 0.60 -0.17	21.95 0.41 -0.01	20.43 0.32 0.00	19.48 0.25 0.00
COLDSPRG_115KV_BK1 355956	18.82 1.05 0.00	17.45 0.93 0.00	15.45 0.79 0.00	15.37 0.94 0.00	15.27 0.85 0.00	17.06 0.97 0.00	24.54 1.06 0.00	25.96 0.58 0.00	24.66 0.72 0.00	22.44 0.84 0.00	22.06 1.13 0.00	21.37 0.96 0.00	20.82 0.92 0.00	21.68 1.23 0.00	22.02 0.95 0.00	23.05 1.12 0.00	26.17 1.13 0.00	30.22 1.19 0.00	30.01 0.93 0.00	26.14 0.18 -0.40	23.61 0.14 -0.42	21.98 0.41 -0.04	20.31 0.20 0.00	19.79 0.56 0.00
COLONIE_LFGE__ 323577	18.46 0.69 0.00	17.17 0.64 0.00	15.25 0.59 0.00	15.00 0.56 0.00	15.01 0.59 0.00	16.77 0.68 0.00	24.52 1.03 0.00	26.60 1.22 0.00	25.07 1.13 0.00	22.55 0.95 0.00	21.75 0.82 0.00	21.21 0.80 0.00	20.70 0.80 0.00	21.25 0.80 0.00	21.92 0.84 0.00	22.98 1.05 0.00	26.24 1.20 0.00	30.45 1.42 0.00	30.53 1.45 0.00	29.58 1.28 -2.74	27.08 1.17 -2.86	22.88 1.10 -0.25	20.95 0.84 0.00	20.02 0.79 0.00
COOPERNY_115KV_TB1 80082	18.19 0.43 0.00	16.92 0.40 0.00	15.01 0.35 0.00	14.77 0.33 0.00	14.77 0.35 0.00	16.47 0.37 0.00	24.10 0.61 0.00	26.22 0.84 0.00	24.76 0.81 0.00	22.35 0.76 0.00	21.56 0.63 0.00	21.04 0.63 0.00	20.52 0.62 0.00	21.05 0.59 0.00	21.73 0.65 0.00	22.70 0.77 0.00	25.94 0.90 0.00	30.10 1.07 0.00	30.12 1.05 0.00	27.95 0.92 -1.47	25.41 0.83 -1.53	22.44 0.78 -0.13	20.79 0.68 0.00	19.79 0.56 0.00
COPENHAGEN_WT_PWR 323753	18.18 0.41 0.00	16.92 0.40 0.00	14.94 0.28 0.00	14.77 0.33 0.00	14.70 0.27 0.00	16.50 0.40 0.00	24.35 0.87 0.00	26.04 0.66 0.00	24.47 0.53 0.00	21.90 0.30 0.00	21.12 0.19 0.00	20.60 0.18 0.00	20.08 0.18 0.00	20.72 0.27 0.00	21.35 0.27 0.00	22.24 0.31 0.00	25.49 0.45 0.00	29.61 0.58 0.00	29.80 0.73 0.00	26.19 0.51 -0.12	23.57 0.39 -0.13	21.78 0.24 -0.01	20.29 0.18 0.00	19.37 0.14 0.00
CORNELL____ 23752	18.34 0.57 0.00	17.05 0.53 0.00	15.07 0.41 0.00	14.87 0.43 0.00	14.83 0.40 0.00	16.61 0.52 0.00	24.28 0.80 0.00	26.06 0.69 0.00	24.59 0.65 0.00	22.11 0.52 0.00	21.42 0.48 0.00	20.82 0.41 0.00	20.28 0.38 0.00	20.99 0.53 0.00	21.58 0.51 0.00	22.50 0.57 0.00	25.82 0.78 0.00	29.96 0.93 0.00	29.95 0.87 0.00	26.73 0.66 -0.51	24.20 0.62 -0.53	22.14 0.56 -0.05	20.59 0.48 0.00	19.75 0.52 0.00
CORONAAV_69_KV_TB1 355595	18.92 1.15 0.00	17.56 1.04 0.00	15.51 0.85 0.00	15.21 0.78 0.00	15.27 0.85 0.00	17.06 0.97 0.00	25.01 1.53 0.00	27.49 2.11 0.00	26.03 2.04 -0.05	23.50 1.90 0.00	24.56 1.57 -2.06	24.72 1.61 -2.70	22.78 1.59 -1.28	24.91 1.53 -2.91	25.26 1.64 -2.54	27.45 1.86 -3.66	29.35 2.15 -2.16	31.97 2.50 -0.44	31.81 2.44 -0.29	31.92 2.17 -4.19	30.67 1.96 -5.66	27.60 1.85 -4.22	21.82 1.69 -0.02	20.69 1.46 0.00
CORTLAND_115KV_TB3 80093	18.16 0.39 0.00	16.89 0.36 0.00	14.94 0.28 0.00	14.74 0.30 0.00	14.71 0.29 0.00	16.45 0.35 0.00	24.05 0.56 0.00	25.81 0.43 0.00	24.38 0.43 0.00	21.94 0.35 0.00	21.25 0.31 0.00	20.68 0.27 0.00	20.16 0.26 0.00	20.85 0.39 0.00	21.41 0.34 0.00	22.32 0.39 0.00	25.54 0.50 0.00	29.61 0.58 0.00	29.63 0.55 0.00	26.36 0.38 -0.42	23.85 0.37 -0.44	21.91 0.34 -0.04	20.39 0.28 0.00	19.56 0.33 0.00

COXSACKIE___GT 23611	18.73 0.96 0.00	17.43 0.91 0.00	15.47 0.81 0.00	15.30 0.87 0.00	15.30 0.88 0.00	17.03 0.93 0.00	24.92 1.43 0.00	27.00 1.63 0.00	25.24 1.29 0.00	22.68 1.08 0.00	21.75 0.82 0.00	21.21 0.80 0.00	20.68 0.78 0.00	21.25 0.80 0.00	21.98 0.91 0.00	23.13 1.21 0.00	26.52 1.48 0.00	30.91 1.89 0.00	31.11 2.03 0.00	29.80 1.69 -2.55	27.04 1.34 -2.65	23.16 1.40 -0.23	21.13 1.03 0.00	20.19 0.96 0.00
CPV_VALLEY___CC1 323721	18.21 0.44 0.00	16.94 0.41 0.00	15.03 0.37 0.00	14.78 0.35 0.00	14.78 0.36 0.00	16.48 0.39 0.00	24.12 0.63 0.00	26.29 0.91 0.00	24.83 0.89 0.00	22.46 0.86 0.00	21.67 0.73 0.00	21.13 0.71 0.00	20.60 0.70 0.00	21.19 0.74 0.00	21.85 0.78 0.00	22.81 0.88 0.00	26.04 1.00 0.00	30.22 1.19 0.00	30.24 1.16 0.00	28.36 1.02 -1.78	25.82 0.92 -1.85	22.55 0.86 -0.16	20.83 0.72 0.00	19.83 0.60 0.00
CPV_VALLEY___CC2 323722	18.21 0.44 0.00	16.94 0.41 0.00	15.03 0.37 0.00	14.78 0.35 0.00	14.78 0.36 0.00	16.48 0.39 0.00	24.12 0.63 0.00	26.29 0.91 0.00	24.83 0.89 0.00	22.46 0.86 0.00	21.67 0.73 0.00	21.13 0.71 0.00	20.60 0.70 0.00	21.19 0.74 0.00	21.85 0.78 0.00	22.81 0.88 0.00	26.04 1.00 0.00	30.22 1.19 0.00	30.24 1.16 0.00	28.36 1.02 -1.78	25.82 0.92 -1.85	22.55 0.86 -0.16	20.83 0.72 0.00	19.83 0.60 0.00
CRESCENT___HYD 24018	18.46 0.69 0.00	17.17 0.64 0.00	15.25 0.59 0.00	15.00 0.56 0.00	15.01 0.59 0.00	16.77 0.68 0.00	24.52 1.03 0.00	26.60 1.22 0.00	25.07 1.13 0.00	22.55 0.95 0.00	21.75 0.82 0.00	21.21 0.80 0.00	20.70 0.80 0.00	21.25 0.80 0.00	21.92 0.84 0.00	22.98 1.05 0.00	26.24 1.20 0.00	30.45 1.42 0.00	30.53 1.45 0.00	29.58 1.28 -2.74	27.08 1.17 -2.86	22.88 1.10 -0.25	20.95 0.84 0.00	20.02 0.79 0.00
CRICKET___VALLEY_CC1 323756	18.37 0.60 0.00	17.10 0.58 0.00	15.17 0.51 0.00	14.93 0.49 0.00	14.94 0.52 0.00	16.66 0.56 0.00	24.35 0.87 0.00	26.57 1.19 0.00	25.09 1.15 0.00	22.65 1.06 0.00	21.83 0.90 0.00	21.29 0.88 0.00	20.78 0.87 0.00	21.34 0.88 0.00	22.00 0.93 0.00	22.98 1.05 0.00	26.24 1.20 0.00	30.48 1.45 0.00	30.50 1.42 0.00	29.14 1.30 -2.28	26.60 1.17 -2.37	22.88 1.14 -0.21	20.97 0.86 0.00	20.02 0.79 0.00
CRICKET___VALLEY_CC2 323757	18.37 0.60 0.00	17.10 0.58 0.00	15.17 0.51 0.00	14.93 0.49 0.00	14.94 0.52 0.00	16.66 0.56 0.00	24.35 0.87 0.00	26.57 1.19 0.00	25.09 1.15 0.00	22.65 1.06 0.00	21.83 0.90 0.00	21.29 0.88 0.00	20.78 0.87 0.00	21.34 0.88 0.00	22.00 0.93 0.00	22.98 1.05 0.00	26.24 1.20 0.00	30.48 1.45 0.00	30.50 1.42 0.00	29.14 1.30 -2.28	26.60 1.17 -2.37	22.88 1.14 -0.21	20.97 0.86 0.00	20.02 0.79 0.00
CRICKET___VALLEY_CC3 323758	18.37 0.60 0.00	17.10 0.58 0.00	15.17 0.51 0.00	14.93 0.49 0.00	14.94 0.52 0.00	16.66 0.56 0.00	24.35 0.87 0.00	26.57 1.19 0.00	25.09 1.15 0.00	22.65 1.06 0.00	21.83 0.90 0.00	21.29 0.88 0.00	20.78 0.87 0.00	21.34 0.88 0.00	22.00 0.93 0.00	22.98 1.05 0.00	26.24 1.20 0.00	30.48 1.45 0.00	30.50 1.42 0.00	29.14 1.30 -2.28	26.60 1.17 -2.37	22.88 1.14 -0.21	20.97 0.86 0.00	20.02 0.79 0.00
CRUCIBLE_METL_DRP 24180	18.00 0.23 0.00	16.74 0.21 0.00	14.79 0.13 0.00	14.61 0.17 0.00	14.57 0.14 0.00	16.31 0.21 0.00	23.81 0.33 0.00	25.53 0.15 0.00	24.09 0.14 0.00	21.70 0.11 0.00	21.06 0.13 0.00	20.47 0.06 0.00	19.96 0.06 0.00	20.66 0.20 0.00	21.20 0.13 0.00	22.06 0.13 0.00	25.27 0.23 0.00	29.26 0.23 0.00	29.25 0.17 0.00	25.95 0.13 -0.26	23.46 0.14 -0.27	21.66 0.11 -0.02	20.21 0.10 0.00	19.42 0.19 0.00
DAHOWA___HYDRO 323763	18.80 1.03 0.00	17.46 0.94 0.00	15.48 0.82 0.00	15.24 0.81 0.00	15.26 0.84 0.00	17.08 0.98 0.00	25.06 1.57 0.00	27.13 1.75 0.00	25.50 1.56 0.00	22.96 1.36 0.00	22.13 1.19 0.00	21.57 1.16 0.00	21.04 1.13 0.00	21.62 1.17 0.00	22.30 1.22 0.00	23.49 1.56 0.00	26.75 1.70 0.00	31.00 1.97 0.00	31.08 2.00 0.00	30.10 1.76 -2.78	27.64 1.71 -2.89	23.33 1.55 -0.25	21.38 1.27 0.00	20.38 1.15 0.00
DANC___LFGE 323619	18.11 0.34 0.00	16.83 0.31 0.00	14.88 0.22 0.00	14.70 0.26 0.00	14.64 0.22 0.00	16.42 0.32 0.00	24.14 0.66 0.00	25.86 0.48 0.00	24.33 0.38 0.00	21.83 0.24 0.00	21.06 0.13 0.00	20.54 0.12 0.00	20.04 0.14 0.00	20.66 0.20 0.00	21.26 0.19 0.00	22.17 0.24 0.00	25.42 0.38 0.00	29.49 0.46 0.00	29.63 0.55 0.00	26.09 0.38 -0.15	23.52 0.32 -0.15	21.74 0.19 -0.01	20.27 0.16 0.00	19.37 0.14 0.00
DANSKAMMER___1 23586	18.55 0.78 0.00	17.25 0.73 0.00	15.29 0.63 0.00	15.07 0.63 0.00	15.07 0.65 0.00	16.77 0.68 0.00	24.59 1.10 0.00	26.80 1.42 0.00	25.31 1.36 0.00	22.87 1.27 0.00	22.02 1.09 0.00	21.47 1.06 0.00	20.92 1.01 0.00	21.50 1.04 0.00	22.19 1.12 0.00	23.22 1.29 0.00	26.49 1.45 0.00	30.77 1.74 0.00	30.85 1.77 0.00	29.26 1.56 -2.14	26.64 1.36 -2.23	23.02 1.29 -0.19	21.15 1.05 0.00	20.15 0.92 0.00
DANSKAMMER___2 23589	18.55 0.78 0.00	17.25 0.73 0.00	15.29 0.63 0.00	15.07 0.63 0.00	15.07 0.65 0.00	16.77 0.68 0.00	24.59 1.10 0.00	26.80 1.42 0.00	25.31 1.36 0.00	22.87 1.27 0.00	22.02 1.09 0.00	21.47 1.06 0.00	20.92 1.01 0.00	21.50 1.04 0.00	22.19 1.12 0.00	23.22 1.29 0.00	26.49 1.45 0.00	30.77 1.74 0.00	30.85 1.77 0.00	29.26 1.56 -2.14	26.64 1.36 -2.23	23.02 1.29 -0.19	21.15 1.05 0.00	20.15 0.92 0.00
DANSKAMMER___3 23590	18.55 0.78 0.00	17.25 0.73 0.00	15.29 0.63 0.00	15.07 0.63 0.00	15.07 0.65 0.00	16.77 0.68 0.00	24.59 1.10 0.00	26.80 1.42 0.00	25.31 1.36 0.00	22.87 1.27 0.00	22.02 1.09 0.00	21.47 1.06 0.00	20.92 1.01 0.00	21.50 1.04 0.00	22.19 1.12 0.00	23.22 1.29 0.00	26.49 1.45 0.00	30.77 1.74 0.00	30.85 1.77 0.00	29.26 1.56 -2.14	26.64 1.36 -2.23	23.02 1.29 -0.19	21.15 1.05 0.00	20.15 0.92 0.00
DANSKAMMER___4 23591	18.55 0.78 0.00	17.25 0.73 0.00	15.29 0.63 0.00	15.07 0.63 0.00	15.07 0.65 0.00	16.77 0.68 0.00	24.59 1.10 0.00	26.80 1.42 0.00	25.31 1.36 0.00	22.87 1.27 0.00	22.02 1.09 0.00	21.47 1.06 0.00	20.92 1.01 0.00	21.50 1.04 0.00	22.19 1.12 0.00	23.22 1.29 0.00	26.49 1.45 0.00	30.77 1.74 0.00	30.85 1.77 0.00	29.26 1.56 -2.14	26.64 1.36 -2.23	23.02 1.29 -0.19	21.15 1.05 0.00	20.15 0.92 0.00
DANSKAMMER___DIESEL 23592	18.55 0.78 0.00	17.25 0.73 0.00	15.30 0.65 0.00	15.07 0.64 0.00	15.07 0.65 0.00	16.77 0.68 0.00	24.59 1.10 0.00	26.80 1.42 0.00	25.31 1.36 0.00	22.85 1.25 0.00	21.96 1.03 0.00	21.45 1.04 0.00	20.92 1.02 0.00	21.42 0.96 0.00	22.13 1.05 0.00	23.20 1.27 0.00	26.49 1.45 0.00	30.77 1.74 0.00	30.85 1.77 0.00	29.28 1.56 -2.16	26.66 1.36 -2.25	23.02 1.29 -0.20	21.26 1.15 0.00	20.17 0.94 0.00

DARBY___SOLAR 323810	18.73 0.96 0.00	17.41 0.89 0.00	15.44 0.78 0.00	15.20 0.76 0.00	15.22 0.79 0.00	17.03 0.93 0.00	24.94 1.46 0.00	27.05 1.67 0.00	25.43 1.49 0.00	22.91 1.32 0.00	22.09 1.15 0.00	21.53 1.12 0.00	21.00 1.09 0.00	21.58 1.12 0.00	22.25 1.18 0.00	23.42 1.49 0.00	26.69 1.65 0.00	30.94 1.92 0.00	30.99 1.92 0.00	30.02 1.69 -2.77	27.55 1.61 -2.88	23.25 1.46 -0.25	21.32 1.21 0.00	20.33 1.10 0.00
DASHVILLE___HYD 23610	18.46 0.69 0.00	17.15 0.63 0.00	15.23 0.57 0.00	14.98 0.55 0.00	14.98 0.56 0.00	16.68 0.58 0.00	24.40 0.92 0.00	26.57 1.19 0.00	25.07 1.13 0.00	22.65 1.06 0.00	21.81 0.88 0.00	21.27 0.86 0.00	20.72 0.82 0.00	21.23 0.78 0.00	21.92 0.84 0.00	22.96 1.03 0.00	26.22 1.18 0.00	30.48 1.45 0.00	30.53 1.45 0.00	28.80 1.00 -2.25	26.27 0.88 -2.34	22.81 1.08 -0.20	21.13 1.03 0.00	20.06 0.83 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	19.63 1.87 0.00	18.19 1.67 0.00	15.99 1.33 0.00	15.71 1.27 0.00	15.78 1.36 0.00	17.66 1.56 0.00	25.81 2.33 0.00	28.91 3.53 0.00	27.46 3.47 -0.05	24.79 3.20 0.00	25.40 2.41 -2.06	25.85 2.74 -2.70	23.77 2.59 -1.28	25.72 2.35 -2.92	26.44 2.82 -2.54	28.79 3.20 -3.66	30.86 3.66 -2.16	33.84 4.30 -0.52	33.69 4.25 -0.37	47.39 3.86 -17.97	32.13 3.41 -5.67	28.92 3.16 -4.22	22.80 2.67 -0.02	21.50 2.27 0.00
DELAWARE___LFGE 323621	18.35 0.59 0.00	17.07 0.55 0.00	15.13 0.47 0.00	14.90 0.46 0.00	14.88 0.46 0.00	16.63 0.53 0.00	24.31 0.82 0.00	26.32 0.94 0.00	24.85 0.91 0.00	22.37 0.78 0.00	21.63 0.69 0.00	21.09 0.67 0.00	20.56 0.66 0.00	21.17 0.72 0.00	21.81 0.74 0.00	22.78 0.86 0.00	26.04 1.00 0.00	30.19 1.16 0.00	30.27 1.19 0.00	27.61 1.00 -1.05	25.02 0.88 -1.09	22.42 0.80 -0.10	20.79 0.68 0.00	19.83 0.60 0.00
DERFIELD_115KV_TB7 355931	17.84 0.07 0.00	16.59 0.07 0.00	14.70 0.04 0.00	14.48 0.04 0.00	14.47 0.04 0.00	16.16 0.06 0.00	23.58 0.09 0.00	25.48 0.10 0.00	24.04 0.10 0.00	21.68 0.09 0.00	21.00 0.06 0.00	20.47 0.06 0.00	19.96 0.06 0.00	20.52 0.06 0.00	21.14 0.06 0.00	22.02 0.09 0.00	25.09 0.05 0.00	29.11 0.09 0.00	29.13 0.06 0.00	25.61 0.05 0.00	23.10 0.05 0.00	21.55 0.02 0.00	20.13 0.02 0.00	19.25 0.02 0.00
DOGLEVILLE___HYD 23807	17.95 0.18 0.00	16.69 0.17 0.00	14.78 0.12 0.00	14.55 0.11 0.00	14.52 0.10 0.00	16.23 0.13 0.00	23.70 0.21 0.00	25.38 0.00 0.00	23.94 0.00 0.00	21.57 -0.02 0.00	20.93 0.00 0.00	20.41 0.00 0.00	19.90 0.00 0.00	20.48 0.02 0.00	21.07 0.00 0.00	21.91 -0.02 0.00	24.99 -0.05 0.00	28.91 -0.12 0.00	28.90 -0.17 0.00	25.33 -0.23 0.00	22.86 -0.19 0.00	21.42 -0.11 0.00	20.13 0.02 0.00	19.27 0.04 0.00
DUNKIRK___115KV_TB_200 55889	18.57 0.80 0.00	17.23 0.71 0.00	15.27 0.62 0.00	15.19 0.75 0.00	15.09 0.66 0.00	16.86 0.76 0.00	24.19 0.70 0.00	25.43 0.05 0.00	24.14 0.19 0.00	21.94 0.35 0.00	21.52 0.59 0.00	20.90 0.49 0.00	20.36 0.46 0.00	21.17 0.72 0.00	21.56 0.48 0.00	22.54 0.61 0.00	25.59 0.55 0.00	29.55 0.52 0.00	29.40 0.32 0.00	25.92 -0.03 -0.39	23.45 0.00 -0.40	21.63 0.06 -0.04	19.95 -0.16 0.00	19.60 0.37 0.00
DUNKIRK___1 23563	18.57 0.80 0.00	17.23 0.71 0.00	15.27 0.62 0.00	15.19 0.75 0.00	15.09 0.66 0.00	16.86 0.76 0.00	24.19 0.70 0.00	25.43 0.05 0.00	24.14 0.19 0.00	21.94 0.35 0.00	21.52 0.59 0.00	20.90 0.49 0.00	20.36 0.46 0.00	21.17 0.72 0.00	21.56 0.48 0.00	22.54 0.61 0.00	25.59 0.55 0.00	29.55 0.52 0.00	29.40 0.32 0.00	25.92 -0.03 -0.39	23.45 0.00 -0.40	21.63 0.06 -0.04	19.95 -0.16 0.00	19.60 0.37 0.00
DUNKIRK___2 23564	18.57 0.80 0.00	17.23 0.71 0.00	15.27 0.62 0.00	15.19 0.75 0.00	15.09 0.66 0.00	16.86 0.76 0.00	24.19 0.70 0.00	25.43 0.05 0.00	24.14 0.19 0.00	21.94 0.35 0.00	21.52 0.59 0.00	20.90 0.49 0.00	20.36 0.46 0.00	21.17 0.72 0.00	21.56 0.48 0.00	22.54 0.61 0.00	25.59 0.55 0.00	29.55 0.52 0.00	29.40 0.32 0.00	25.92 -0.03 -0.39	23.45 0.00 -0.40	21.63 0.06 -0.04	19.95 -0.16 0.00	19.60 0.37 0.00
DUNKIRK___3 23565	18.46 0.69 0.00	17.13 0.61 0.00	15.19 0.53 0.00	15.10 0.66 0.00	15.01 0.59 0.00	16.76 0.66 0.00	24.07 0.59 0.00	25.33 -0.05 0.00	24.02 0.07 0.00	21.83 0.24 0.00	21.37 0.44 0.00	20.78 0.37 0.00	20.24 0.34 0.00	21.03 0.57 0.00	21.43 0.36 0.00	22.41 0.48 0.00	25.42 0.38 0.00	29.38 0.35 0.00	29.25 0.17 0.00	25.74 -0.20 -0.39	23.32 -0.14 -0.40	21.54 -0.02 -0.04	19.89 -0.22 0.00	19.52 0.29 0.00
DUNKIRK___4 23566	18.51 0.75 0.00	17.18 0.66 0.00	15.23 0.57 0.00	15.14 0.71 0.00	15.06 0.63 0.00	16.81 0.71 0.00	24.12 0.63 0.00	25.35 -0.03 0.00	24.04 0.10 0.00	21.86 0.26 0.00	21.42 0.48 0.00	20.82 0.41 0.00	20.26 0.36 0.00	21.07 0.61 0.00	21.45 0.38 0.00	22.43 0.50 0.00	25.44 0.40 0.00	29.40 0.38 0.00	29.25 0.17 0.00	25.79 -0.15 -0.38	23.36 -0.09 -0.40	21.54 -0.02 -0.03	19.89 -0.22 0.00	19.54 0.31 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	18.50 0.73 0.00	17.22 0.69 0.00	15.29 0.63 0.00	15.01 0.58 0.00	15.04 0.62 0.00	16.76 0.66 0.00	24.59 1.10 0.00	26.88 1.50 0.00	25.45 1.51 0.00	23.00 1.40 0.00	22.11 1.17 0.00	21.60 1.18 0.00	21.08 1.17 0.00	21.58 1.13 0.00	22.28 1.20 0.00	23.35 1.43 0.00	26.69 1.65 0.00	30.97 1.94 0.00	30.97 1.89 0.00	29.37 1.66 -2.15	26.78 1.50 -2.23	23.13 1.40 -0.20	21.34 1.23 0.00	20.23 1.00 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	18.44 0.68 0.00	17.15 0.63 0.00	15.23 0.57 0.00	14.97 0.53 0.00	14.98 0.56 0.00	16.69 0.60 0.00	24.45 0.96 0.00	26.65 1.27 0.00	25.17 1.22 0.00	22.72 1.12 0.00	21.88 0.94 0.00	21.35 0.94 0.00	20.84 0.94 0.00	21.34 0.88 0.00	22.02 0.95 0.00	23.09 1.16 0.00	26.32 1.28 0.00	30.57 1.54 0.00	30.62 1.54 0.00	28.97 1.33 -2.08	26.41 1.20 -2.16	22.86 1.14 -0.19	21.11 1.01 0.00	20.04 0.81 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	18.61 0.84 -0.01	17.36 0.83 -0.01	15.43 0.76 -0.01	15.15 0.71 -0.01	15.18 0.75 -0.01	16.77 0.68 0.00	24.54 1.06 0.00	26.90 1.52 0.00	25.49 1.56 0.01	23.04 1.45 0.01	22.14 1.21 0.01	21.63 1.22 0.01	21.11 1.21 0.01	21.62 1.17 0.01	22.31 1.24 0.01	23.39 1.47 0.01	26.76 1.73 0.01	30.99 1.97 0.01	30.96 1.89 0.01	29.36 1.66 -2.14	26.84 1.54 -2.24	23.22 1.49 -0.20	21.48 1.37 -0.01	20.39 1.15 -0.01
E179THST_13_KV_LOAD 356214	18.68 0.91 -0.01	17.41 0.88 -0.01	15.49 0.82 -0.01	15.21 0.77 -0.01	15.22 0.79 -0.01	16.84 0.74 0.00	24.64 1.15 0.00	27.00 1.62 0.00	25.59 1.65 0.01	23.14 1.55 0.01	22.25 1.32 0.01	21.73 1.33 0.01	21.21 1.31 0.01	21.72 1.27 0.01	22.41 1.35 0.01	23.50 1.58 0.01	26.89 1.85 0.01	31.14 2.12 0.01	31.10 2.04 0.01	29.49 1.79 -2.14	26.93 1.64 -2.24	23.31 1.57 -0.20	21.57 1.45 -0.01	20.47 1.23 -0.01

EAST HAMPTON___GT 23717	19.83 2.06 0.00	18.37 1.85 0.00	16.13 1.47 0.00	15.85 1.42 0.00	15.86 1.44 0.00	17.84 1.74 0.00	26.07 2.58 0.00	29.24 3.86 -0.01	27.82 3.83 -0.05	25.15 3.54 -0.01	26.17 3.18 -2.06	26.15 3.04 -2.70	24.07 2.88 -1.28	26.32 2.95 -2.91	26.84 3.22 -2.54	29.14 3.55 -3.66	31.26 4.06 -2.16	34.34 4.79 -0.52	34.13 4.68 -0.37	47.81 4.29 -17.96	32.52 3.80 -5.67	29.24 3.49 -4.22	23.02 2.90 -0.02	21.69 2.46 0.00
EAST RIVER___6 23660	18.37 0.60 0.00	17.10 0.58 0.00	15.20 0.54 0.00	14.95 0.52 0.00	14.97 0.55 0.00	16.65 0.55 0.00	24.45 0.96 0.00	26.83 1.45 0.00	25.38 1.44 0.00	23.00 1.40 0.00	22.13 1.19 0.00	21.57 1.16 0.00	21.02 1.11 0.00	21.64 1.19 0.00	22.32 1.24 0.00	23.31 1.38 0.00	26.67 1.63 0.00	30.86 1.83 0.00	30.82 1.74 0.00	29.26 1.56 -2.14	26.69 1.41 -2.23	23.04 1.31 -0.19	21.19 1.09 0.00	20.12 0.89 0.00
EAST RIVER___7 23524	18.37 0.60 0.00	17.10 0.58 0.00	15.20 0.54 0.00	14.95 0.52 0.00	14.97 0.55 0.00	16.65 0.55 0.00	24.45 0.96 0.00	26.83 1.45 0.00	25.38 1.44 0.00	23.00 1.40 0.00	22.13 1.19 0.00	21.57 1.16 0.00	21.02 1.11 0.00	21.64 1.19 0.00	22.32 1.24 0.00	23.31 1.38 0.00	26.67 1.63 0.00	30.86 1.83 0.00	30.82 1.74 0.00	29.26 1.56 -2.14	26.69 1.41 -2.23	23.04 1.31 -0.19	21.19 1.09 0.00	20.12 0.89 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	18.48 0.71 0.00	17.20 0.68 0.00	15.27 0.62 0.00	15.00 0.56 0.00	15.01 0.59 0.00	16.74 0.64 0.00	24.54 1.06 0.00	26.83 1.45 0.00	25.38 1.44 0.00	22.94 1.34 0.00	22.04 1.11 0.00	21.56 1.14 0.00	21.04 1.13 0.00	21.52 1.06 0.00	22.21 1.14 0.00	23.29 1.36 0.00	26.62 1.58 0.00	30.88 1.86 0.00	30.88 1.80 0.00	29.28 1.58 -2.14	26.71 1.43 -2.23	23.08 1.36 -0.19	21.30 1.19 0.00	20.19 0.96 0.00
EAST_HAMPTON___DIESEL 23722	19.83 2.06 0.00	18.37 1.85 0.00	16.13 1.47 0.00	15.85 1.42 0.00	15.86 1.44 0.00	17.84 1.74 0.00	26.09 2.61 0.00	29.24 3.86 -0.01	27.82 3.83 -0.05	25.15 3.54 -0.01	26.17 3.18 -2.06	26.17 3.06 -2.70	24.09 2.91 -1.28	26.32 2.95 -2.91	26.84 3.22 -2.54	29.16 3.58 -3.66	31.26 4.06 -2.16	34.34 4.79 -0.52	34.13 4.68 -0.37	47.81 4.29 -17.96	32.52 3.80 -5.67	29.26 3.51 -4.22	23.02 2.90 -0.02	21.71 2.48 0.00
EAST_PULASKI___ESR 323781	18.14 0.37 0.00	16.87 0.35 0.00	14.89 0.23 0.00	14.72 0.29 0.00	14.67 0.25 0.00	16.45 0.35 0.00	24.12 0.63 0.00	25.84 0.46 0.00	24.35 0.41 0.00	21.88 0.28 0.00	21.21 0.27 0.00	20.62 0.20 0.00	20.10 0.20 0.00	20.83 0.37 0.00	21.37 0.30 0.00	22.24 0.31 0.00	25.52 0.48 0.00	29.55 0.52 0.00	29.63 0.55 0.00	26.18 0.41 -0.21	23.64 0.37 -0.22	21.83 0.28 -0.02	20.33 0.22 0.00	19.50 0.27 0.00
EAST_RIVER___1 323558	18.50 0.73 0.00	17.22 0.69 0.00	15.27 0.62 0.00	15.03 0.59 0.00	15.04 0.62 0.00	16.74 0.64 0.00	24.57 1.08 0.00	26.90 1.52 0.00	25.48 1.53 0.00	23.09 1.49 0.00	22.21 1.28 0.00	21.66 1.25 0.00	21.12 1.21 0.00	21.75 1.29 0.00	22.42 1.35 0.00	23.42 1.49 0.00	26.77 1.73 0.00	31.00 1.97 0.00	30.94 1.86 0.00	29.34 1.64 -2.14	26.76 1.48 -2.23	23.12 1.40 -0.19	21.32 1.21 0.00	20.23 1.00 0.00
EAST_RIVER___2 323559	18.37 0.60 0.00	17.10 0.58 0.00	15.20 0.54 0.00	14.95 0.52 0.00	14.97 0.55 0.00	16.65 0.55 0.00	24.45 0.96 0.00	26.83 1.45 0.00	25.38 1.44 0.00	23.00 1.40 0.00	22.13 1.19 0.00	21.57 1.16 0.00	21.02 1.11 0.00	21.64 1.19 0.00	22.32 1.24 0.00	23.31 1.38 0.00	26.67 1.63 0.00	30.86 1.83 0.00	30.82 1.74 0.00	29.26 1.56 -2.14	26.69 1.41 -2.23	23.04 1.31 -0.19	21.19 1.09 0.00	20.12 0.89 0.00
EAST___DELAWARE_HYD 23607	18.25 0.48 0.00	16.95 0.43 0.00	15.01 0.35 0.00	14.81 0.37 0.00	14.80 0.37 0.00	16.48 0.39 0.00	24.17 0.68 0.00	26.40 1.02 0.00	24.88 0.93 0.00	22.48 0.89 0.00	21.65 0.71 0.00	21.11 0.69 0.00	20.08 0.18 0.00	20.66 0.20 0.00	21.33 0.25 0.00	22.28 0.35 0.00	25.47 0.43 0.00	29.61 0.58 0.00	29.66 0.58 0.00	27.93 0.51 -1.86	25.93 0.95 -1.94	22.60 0.90 -0.17	20.79 0.68 0.00	19.79 0.56 0.00
EIGHT_POINT___WT_PWR 323820	18.66 0.89 0.00	17.31 0.79 0.00	15.38 0.72 0.00	15.20 0.76 0.00	15.11 0.69 0.00	16.92 0.82 0.00	24.52 1.03 0.00	25.96 0.58 0.00	24.59 0.65 0.00	22.22 0.63 0.00	21.44 0.50 0.00	20.94 0.53 0.00	20.44 0.54 0.00	20.93 0.47 0.00	21.73 0.65 0.00	22.72 0.79 0.00	25.92 0.88 0.00	30.01 0.99 0.00	29.89 0.81 0.00	26.37 0.38 -0.43	23.89 0.39 -0.45	21.98 0.41 -0.04	20.37 0.26 0.00	19.79 0.56 0.00
ELBRIDGE_115KV_TB2 80188	17.86 0.09 0.00	16.60 0.08 0.00	14.69 0.03 0.00	14.49 0.06 0.00	14.47 0.04 0.00	16.18 0.08 0.00	23.60 0.12 0.00	25.35 -0.03 0.00	23.94 0.00 0.00	21.57 -0.02 0.00	20.89 -0.04 0.00	20.35 -0.06 0.00	19.84 -0.06 0.00	20.48 0.02 0.00	21.05 -0.02 0.00	21.91 -0.02 0.00	25.09 0.05 0.00	29.08 0.06 0.00	29.08 0.00 0.00	25.81 -0.03 -0.28	23.34 0.00 -0.29	21.53 -0.02 -0.03	20.05 -0.06 0.00	19.27 0.04 0.00
ELEC_TRO_TEK 24086	18.80 1.03 0.00	17.45 0.93 0.00	15.41 0.75 0.00	15.13 0.69 0.00	15.19 0.76 0.00	16.97 0.87 0.00	24.85 1.36 0.00	27.36 1.98 0.00	25.93 1.94 -0.05	23.41 1.81 0.00	24.42 1.42 -2.06	24.62 1.51 -2.70	22.68 1.49 -1.28	24.76 1.39 -2.91	25.15 1.54 -2.54	27.36 1.78 -3.66	29.23 2.03 -2.16	31.82 2.35 -0.44	31.67 2.30 -0.29	31.77 2.02 -4.19	30.56 1.84 -5.66	27.50 1.74 -4.22	21.68 1.55 -0.02	20.56 1.33 0.00
ELLENBURG_WT_PWR 323604	17.96 0.20 0.00	16.64 0.12 0.00	14.85 0.19 0.00	14.59 0.16 0.00	14.60 0.17 0.00	16.21 0.11 0.00	23.30 -0.19 0.00	25.30 -0.08 0.00	23.87 -0.07 0.00	21.53 -0.06 0.00	21.00 0.06 0.00	20.39 -0.02 0.00	19.84 -0.06 0.00	20.44 -0.02 0.00	21.05 -0.02 0.00	21.84 -0.09 0.00	24.99 -0.05 0.00	28.88 -0.14 0.00	29.37 0.29 0.00	25.87 0.31 0.00	23.14 0.09 0.00	21.60 0.06 0.00	20.11 0.00 0.00	19.10 -0.13 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	18.32 0.55 0.00	17.02 0.50 0.00	15.08 0.43 0.00	15.01 0.58 0.00	14.91 0.49 0.00	16.63 0.53 0.00	23.86 0.38 0.00	24.97 -0.41 0.00	23.66 -0.29 0.00	21.49 -0.11 0.00	21.06 0.13 0.00	20.45 0.04 0.00	19.92 0.02 0.00	20.70 0.25 0.00	21.07 0.00 0.00	22.04 0.11 0.00	24.97 -0.08 0.00	28.85 -0.17 0.00	28.73 -0.35 0.00	25.44 -0.49 -0.37	23.07 -0.37 -0.38	21.24 -0.32 -0.03	19.63 -0.48 0.00	19.38 0.15 0.00
EMPIRE_CC_1 323656	18.21 0.44 0.00	16.97 0.45 0.00	15.06 0.40 0.00	14.81 0.37 0.00	14.83 0.40 0.00	16.55 0.45 0.00	24.07 0.59 0.00	26.17 0.79 0.00	24.66 0.72 0.00	22.20 0.60 0.00	21.37 0.44 0.00	20.86 0.45 0.00	20.38 0.48 0.00	20.91 0.45 0.00	21.54 0.46 0.00	22.57 0.64 0.00	25.74 0.70 0.00	29.93 0.90 0.00	29.98 0.90 0.00	28.99 0.82 -2.61	26.51 0.74 -2.72	22.48 0.71 -0.24	20.59 0.48 0.00	19.69 0.46 0.00

EMPIRE_CC_2 323658	18.21 0.44 0.00	16.97 0.45 0.00	15.06 0.40 0.00	14.81 0.37 0.00	14.83 0.40 0.00	16.55 0.45 0.00	24.07 0.59 0.00	26.17 0.79 0.00	24.66 0.72 0.00	22.20 0.60 0.00	21.37 0.44 0.00	20.86 0.45 0.00	20.38 0.48 0.00	20.91 0.45 0.00	21.54 0.46 0.00	22.57 0.64 0.00	25.74 0.70 0.00	29.93 0.90 0.00	29.98 0.90 0.00	28.99 0.82 -2.61	26.51 0.74 -2.72	22.48 0.71 -0.24	20.59 0.48 0.00	19.69 0.46 0.00
ENORWICH_115KV_TB1 80156	19.33 1.56 0.00	17.99 1.47 0.00	15.83 1.17 0.00	15.68 1.24 0.00	15.56 1.14 0.00	17.50 1.40 0.00	25.69 2.21 0.00	27.49 2.11 0.00	25.81 1.87 0.00	23.06 1.47 0.00	22.30 1.36 0.00	21.62 1.20 0.00	21.10 1.19 0.00	21.97 1.51 0.00	22.59 1.52 0.00	23.57 1.64 0.00	27.20 2.15 0.00	31.58 2.55 0.00	31.75 2.67 0.00	28.43 2.15 -0.72	25.69 1.89 -0.75	23.21 1.61 -0.07	21.52 1.41 0.00	20.54 1.31 0.00
ERIE_ST__34_KV_TB1-2 80199	18.43 0.66 0.00	17.10 0.58 0.00	15.16 0.50 0.00	15.08 0.65 0.00	14.98 0.56 0.00	16.73 0.63 0.00	24.03 0.54 0.00	25.28 -0.10 0.00	23.97 0.02 0.00	21.77 0.17 0.00	21.35 0.42 0.00	20.72 0.31 0.00	20.18 0.28 0.00	21.03 0.57 0.00	21.39 0.32 0.00	22.39 0.46 0.00	25.37 0.33 0.00	29.32 0.29 0.00	29.16 0.09 0.00	25.40 -0.54 -0.38	23.03 -0.41 -0.39	21.48 -0.09 -0.03	19.89 -0.22 0.00	19.50 0.27 0.00
ERIE_WT_PWR 323693	18.43 0.66 0.00	17.12 0.59 0.00	15.27 0.62 0.00	15.09 0.65 0.00	14.98 0.56 0.00	16.73 0.63 0.00	24.00 0.52 0.00	25.15 -0.23 0.00	23.85 -0.10 0.00	21.66 0.06 0.00	20.96 0.02 0.00	20.54 0.12 0.00	20.06 0.16 0.00	20.40 -0.06 0.00	21.22 0.15 0.00	22.21 0.28 0.00	25.19 0.15 0.00	29.08 0.06 0.00	28.96 -0.12 0.00	25.52 -0.38 -0.34	23.13 -0.28 -0.35	21.37 -0.19 -0.03	19.81 -0.30 0.00	19.50 0.27 0.00
ESPRGFLD_115KV_TB1 80157	19.03 1.26 0.00	17.69 1.17 0.00	15.67 1.01 0.00	15.45 1.01 0.00	15.46 1.04 0.00	17.35 1.26 0.00	25.55 2.07 0.00	27.84 2.46 0.00	26.15 2.20 0.00	23.48 1.88 0.00	22.48 1.55 0.00	21.98 1.57 0.00	21.34 1.43 0.00	21.79 1.33 0.00	22.59 1.52 0.00	23.97 2.04 0.00	27.47 2.43 0.00	31.87 2.84 0.00	31.98 2.91 0.00	26.29 2.53 1.80	23.48 2.31 1.88	23.56 2.20 0.16	21.84 1.73 0.00	20.69 1.46 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	18.32 0.55 0.00	17.03 0.51 0.00	15.06 0.40 0.00	14.85 0.42 0.00	14.81 0.39 0.00	16.60 0.50 0.00	24.26 0.78 0.00	26.04 0.66 0.00	24.57 0.62 0.00	22.09 0.50 0.00	21.37 0.44 0.00	20.80 0.39 0.00	20.26 0.36 0.00	20.97 0.51 0.00	21.56 0.48 0.00	22.48 0.55 0.00	25.77 0.73 0.00	29.90 0.87 0.00	29.92 0.84 0.00	26.71 0.64 -0.51	24.18 0.60 -0.53	22.12 0.54 -0.05	20.55 0.44 0.00	19.71 0.48 0.00
ETNA_____115KV_TB2 80207	18.32 0.55 0.00	17.03 0.51 0.00	15.06 0.40 0.00	14.85 0.42 0.00	14.81 0.39 0.00	16.60 0.50 0.00	24.26 0.78 0.00	26.04 0.66 0.00	24.57 0.62 0.00	22.09 0.50 0.00	21.37 0.44 0.00	20.80 0.39 0.00	20.26 0.36 0.00	20.97 0.51 0.00	21.56 0.48 0.00	22.48 0.55 0.00	25.77 0.73 0.00	29.90 0.87 0.00	29.92 0.84 0.00	26.71 0.64 -0.51	24.18 0.60 -0.53	22.12 0.54 -0.05	20.55 0.44 0.00	19.71 0.48 0.00
EUCLID__115KV_TB2 356179	17.73 -0.04 0.00	16.49 -0.03 0.00	14.59 -0.07 0.00	14.41 -0.03 0.00	14.36 -0.06 0.00	16.07 -0.03 0.00	23.44 -0.05 0.00	25.13 -0.25 0.00	23.71 -0.24 0.00	21.38 -0.22 0.00	20.75 -0.19 0.00	20.19 -0.22 0.00	19.68 -0.22 0.00	20.31 -0.14 0.00	20.88 -0.19 0.00	21.71 -0.22 0.00	24.87 -0.18 0.00	28.79 -0.23 0.00	28.78 -0.29 0.00	25.53 -0.26 -0.23	23.10 -0.18 -0.24	21.34 -0.22 -0.02	19.91 -0.20 0.00	19.15 -0.08 0.00
E_CANADA_CAP_HY 24051	19.03 1.26 0.00	17.71 1.19 0.00	15.67 1.01 0.00	15.45 1.01 0.00	15.47 1.05 0.00	17.37 1.27 0.00	25.57 2.09 0.00	27.87 2.49 0.00	26.17 2.23 0.00	23.52 1.92 0.00	22.61 1.68 0.00	22.01 1.59 0.00	21.32 1.41 0.00	21.91 1.45 0.00	22.63 1.56 0.00	23.97 2.04 0.00	27.47 2.43 0.00	31.87 2.85 0.00	31.98 2.91 0.00	30.90 2.53 -2.81	28.28 2.30 -2.92	24.02 2.24 -0.25	21.82 1.71 0.00	20.71 1.48 0.00
E_CANADA_MHWK_HY 24050	17.95 0.18 0.00	16.69 0.17 0.00	14.78 0.12 0.00	14.55 0.11 0.00	14.52 0.10 0.00	16.23 0.13 0.00	23.70 0.21 0.00	25.38 0.00 0.00	23.94 0.00 0.00	21.57 -0.02 0.00	20.93 0.00 0.00	20.41 0.00 0.00	19.90 0.00 0.00	20.48 0.02 0.00	21.07 0.00 0.00	21.91 -0.02 0.00	24.99 -0.05 0.00	28.91 -0.12 0.00	28.90 -0.17 0.00	25.33 -0.23 0.00	22.86 -0.19 0.00	21.42 -0.11 0.00	20.13 0.02 0.00	19.27 0.04 0.00
E_FISHKILL__LBMP 23776	18.41 0.64 0.00	17.13 0.61 0.00	15.22 0.56 0.00	14.95 0.52 0.00	14.97 0.55 0.00	16.68 0.58 0.00	24.42 0.94 0.00	26.67 1.29 0.00	25.21 1.27 0.00	22.76 1.17 0.00	21.90 0.96 0.00	21.39 0.98 0.00	20.88 0.98 0.00	21.38 0.92 0.00	22.06 0.99 0.00	23.11 1.18 0.00	26.42 1.38 0.00	30.65 1.63 0.00	30.67 1.60 0.00	29.17 1.41 -2.21	26.61 1.27 -2.30	22.94 1.21 -0.20	21.15 1.05 0.00	20.08 0.85 0.00
FALCON__SEABRD_CC1 323796	18.14 0.37 0.00	16.80 0.28 0.00	15.00 0.34 0.00	14.75 0.32 0.00	14.74 0.32 0.00	16.36 0.26 0.00	23.37 -0.12 0.00	25.43 0.05 0.00	23.99 0.05 0.00	21.64 0.04 0.00	21.10 0.17 0.00	20.49 0.08 0.00	19.92 0.02 0.00	20.50 0.04 0.00	21.14 0.06 0.00	21.93 0.00 0.00	25.12 0.08 0.00	29.00 -0.03 0.00	29.69 0.61 0.00	26.17 0.61 0.00	23.42 0.37 0.00	21.85 0.32 0.00	20.31 0.20 0.00	19.29 0.06 0.00
FALCON__SEABRD_CC2 323797	18.14 0.37 0.00	16.80 0.28 0.00	15.00 0.34 0.00	14.75 0.32 0.00	14.74 0.32 0.00	16.36 0.26 0.00	23.37 -0.12 0.00	25.43 0.05 0.00	23.99 0.05 0.00	21.64 0.04 0.00	21.10 0.17 0.00	20.49 0.08 0.00	19.92 0.02 0.00	20.50 0.04 0.00	21.14 0.06 0.00	21.93 0.00 0.00	25.12 0.08 0.00	29.00 -0.03 0.00	29.69 0.61 0.00	26.17 0.61 0.00	23.42 0.37 0.00	21.85 0.32 0.00	20.31 0.20 0.00	19.29 0.06 0.00
FAR ROCKAWAY__4 23548	19.08 1.31 0.00	17.69 1.17 0.00	15.61 0.95 0.00	15.33 0.89 0.00	15.37 0.95 0.00	17.18 1.08 0.00	25.18 1.69 0.00	27.71 2.33 0.00	26.27 2.27 -0.05	23.73 2.14 0.00	24.75 1.76 -2.06	24.91 1.80 -2.70	22.96 1.77 -1.28	25.09 1.72 -2.91	25.45 1.83 -2.54	27.67 2.08 -3.66	29.58 2.38 -2.16	32.26 2.79 -0.44	32.10 2.73 -0.29	32.18 2.43 -4.19	30.93 2.21 -5.66	27.82 2.07 -4.22	22.02 1.89 -0.02	20.86 1.63 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	18.50 0.73 0.00	17.23 0.71 0.00	15.32 0.66 0.00	15.03 0.59 0.00	15.04 0.62 0.00	16.76 0.66 0.00	24.59 1.10 0.00	26.93 1.55 0.00	25.50 1.56 0.00	23.06 1.47 0.00	22.17 1.24 0.00	21.66 1.25 0.00	21.14 1.23 0.00	21.64 1.19 0.00	22.34 1.26 0.00	23.42 1.49 0.00	26.79 1.75 0.00	31.00 1.97 0.00	30.97 1.89 0.00	29.37 1.66 -2.15	26.78 1.50 -2.23	23.15 1.42 -0.20	21.40 1.29 0.00	20.25 1.02 0.00

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	18.51 0.75 0.00	17.23 0.71 0.00	15.32 0.66 0.00	15.03 0.59 0.00	15.06 0.63 0.00	16.76 0.66 0.00	24.59 1.10 0.00	26.93 1.55 0.00	25.50 1.56 0.00	23.06 1.47 0.00	22.17 1.24 0.00	21.66 1.25 0.00	21.14 1.23 0.00	21.64 1.19 0.00	22.34 1.26 0.00	23.42 1.49 0.00	26.79 1.75 0.00	31.00 1.97 0.00	30.97 1.89 0.00	29.37 1.66 -2.15	26.78 1.50 -2.23	23.15 1.42 -0.20	21.40 1.29 0.00	20.25 1.02 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	18.50 0.73 0.00	17.22 0.69 0.00	15.30 0.65 0.00	15.03 0.59 0.00	15.04 0.62 0.00	16.76 0.66 0.00	24.57 1.08 0.00	26.90 1.52 0.00	25.50 1.56 0.00	23.04 1.45 0.00	22.15 1.21 0.00	21.64 1.22 0.00	21.12 1.21 0.00	21.62 1.17 0.00	22.32 1.24 0.00	23.40 1.47 0.00	26.77 1.73 0.00	31.00 1.97 0.00	30.97 1.89 0.00	29.34 1.64 -2.15	26.78 1.50 -2.23	23.13 1.40 -0.20	21.38 1.27 0.00	20.25 1.02 0.00
FARRAGUT___LBMP 323566	18.48 0.71 0.00	17.22 0.69 0.00	15.30 0.65 0.00	15.01 0.58 0.00	15.03 0.61 0.00	16.74 0.64 0.00	24.57 1.08 0.00	26.88 1.50 0.00	25.48 1.53 0.00	23.04 1.45 0.00	22.13 1.19 0.00	21.62 1.20 0.00	21.10 1.19 0.00	21.60 1.15 0.00	22.32 1.24 0.00	23.38 1.45 0.00	26.74 1.70 0.00	30.97 1.94 0.00	30.94 1.86 0.00	29.34 1.64 -2.15	26.76 1.48 -2.23	23.13 1.40 -0.20	21.38 1.27 0.00	20.23 1.00 0.00
FENNER___WINDPWR 24204	18.23 0.46 0.00	16.95 0.43 0.00	15.00 0.34 0.00	14.80 0.36 0.00	14.75 0.33 0.00	16.52 0.42 0.00	24.14 0.66 0.00	25.94 0.56 0.00	24.45 0.50 0.00	21.99 0.39 0.00	21.25 0.31 0.00	20.72 0.31 0.00	20.20 0.30 0.00	20.80 0.35 0.00	21.45 0.38 0.00	22.34 0.42 0.00	25.59 0.55 0.00	29.64 0.61 0.00	29.69 0.61 0.00	26.28 0.46 -0.26	23.73 0.42 -0.27	21.92 0.37 -0.02	20.43 0.32 0.00	19.56 0.33 0.00
FIBERTEK___ENERGY 23856	18.00 0.23 0.00	16.74 0.21 0.00	14.79 0.13 0.00	14.61 0.17 0.00	14.57 0.14 0.00	16.31 0.21 0.00	23.81 0.33 0.00	25.53 0.15 0.00	24.09 0.14 0.00	21.70 0.11 0.00	21.06 0.13 0.00	20.47 0.06 0.00	19.96 0.06 0.00	20.66 0.20 0.00	21.20 0.13 0.00	22.06 0.13 0.00	25.27 0.23 0.00	29.26 0.23 0.00	29.25 0.17 0.00	25.95 0.13 -0.26	23.46 0.14 -0.27	21.66 0.11 -0.02	20.21 0.10 0.00	19.42 0.19 0.00
FITZPATRICK____ 23598	17.47 -0.30 0.00	16.24 -0.28 0.00	14.40 -0.26 0.00	14.19 -0.25 0.00	14.16 -0.26 0.00	15.82 -0.27 0.00	23.06 -0.42 0.00	24.77 -0.61 0.00	23.35 -0.60 0.00	21.06 -0.54 0.00	20.39 -0.54 0.00	19.88 -0.53 0.00	19.41 -0.50 0.00	19.93 -0.53 0.00	20.51 -0.57 0.00	21.36 -0.57 0.00	24.44 -0.60 0.00	28.33 -0.70 0.00	28.35 -0.73 0.00	25.05 -0.64 -0.13	22.63 -0.55 -0.14	21.00 -0.54 -0.01	19.67 -0.44 0.00	18.86 -0.37 0.00
FLOWRFLD_69_KV_BK1 356044	19.21 1.44 0.00	17.79 1.27 0.00	15.67 1.01 0.00	15.39 0.95 0.00	15.46 1.04 0.00	17.29 1.19 0.00	25.32 1.83 0.00	28.20 2.82 0.00	26.75 2.75 -0.05	24.15 2.55 0.00	24.88 1.88 -2.06	25.25 2.14 -2.70	23.28 2.09 -1.28	25.21 1.84 -2.92	25.81 2.19 -2.54	28.11 2.52 -3.66	30.13 2.93 -2.16	32.93 3.40 -0.50	32.77 3.34 -0.35	47.43 2.96 -18.90	31.39 2.67 -5.67	28.25 2.50 -4.22	22.24 2.11 -0.02	21.02 1.79 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	18.57 0.80 0.00	17.27 0.74 0.00	15.33 0.67 0.00	15.08 0.65 0.00	15.09 0.66 0.00	16.81 0.71 0.00	24.61 1.13 0.00	26.85 1.47 0.00	25.33 1.39 0.00	22.87 1.27 0.00	21.98 1.05 0.00	21.47 1.06 0.00	20.94 1.03 0.00	21.44 0.98 0.00	22.15 1.07 0.00	23.24 1.32 0.00	26.52 1.48 0.00	30.83 1.80 0.00	30.88 1.80 0.00	29.34 1.61 -2.17	26.72 1.41 -2.26	23.06 1.33 -0.20	21.28 1.17 0.00	20.19 0.96 0.00
FORT ORANGE____ 23900	18.14 0.37 0.00	16.92 0.40 0.00	15.03 0.37 0.00	14.78 0.35 0.00	14.80 0.37 0.00	16.52 0.42 0.00	24.07 0.59 0.00	26.17 0.79 0.00	24.61 0.67 0.00	22.18 0.58 0.00	21.35 0.42 0.00	20.84 0.43 0.00	20.34 0.44 0.00	20.89 0.43 0.00	21.56 0.49 0.00	22.61 0.68 0.00	25.84 0.80 0.00	29.98 0.96 0.00	30.06 0.99 0.00	29.12 0.87 -2.69	26.61 0.76 -2.80	22.51 0.73 -0.24	20.61 0.50 0.00	19.67 0.44 0.00
FORT_DRUM_COGEN 23780	18.18 0.41 0.00	16.92 0.40 0.00	14.94 0.28 0.00	14.77 0.33 0.00	14.70 0.27 0.00	16.50 0.40 0.00	24.40 0.92 0.00	26.09 0.71 0.00	24.50 0.55 0.00	21.92 0.32 0.00	21.21 0.27 0.00	20.62 0.20 0.00	20.10 0.20 0.00	20.85 0.39 0.00	21.39 0.32 0.00	22.26 0.33 0.00	25.47 0.43 0.00	29.58 0.55 0.00	29.83 0.76 0.00	26.23 0.51 -0.16	23.59 0.37 -0.17	21.76 0.22 -0.01	20.25 0.14 0.00	19.33 0.10 0.00
FPL_FAR_ROCK_GT1 24212	19.09 1.31 0.00	17.69 1.17 0.00	15.58 0.92 0.00	15.33 0.90 0.00	15.33 0.91 0.00	17.19 1.10 0.00	25.18 1.69 0.00	27.72 2.33 -0.01	26.27 2.28 -0.05	23.77 2.16 -0.01	24.88 1.88 -2.06	24.93 1.82 -2.70	22.96 1.77 -1.29	25.22 1.84 -2.92	25.54 1.92 -2.55	27.69 2.11 -3.66	29.58 2.38 -2.16	32.26 2.79 -0.44	32.10 2.73 -0.29	32.18 2.43 -4.19	30.92 2.21 -5.66	27.82 2.07 -4.22	21.96 1.83 -0.02	20.85 1.62 0.00
FPL_FAR_ROCK_GT2 23815	19.09 1.31 0.00	17.69 1.17 0.00	15.58 0.92 0.00	15.33 0.90 0.00	15.33 0.91 0.00	17.19 1.10 0.00	25.18 1.69 0.00	27.72 2.33 -0.01	26.27 2.28 -0.05	23.77 2.16 -0.01	24.88 1.88 -2.06	24.93 1.82 -2.70	22.96 1.77 -1.29	25.22 1.84 -2.92	25.54 1.92 -2.55	27.69 2.11 -3.66	29.58 2.38 -2.16	32.26 2.79 -0.44	32.10 2.73 -0.29	32.18 2.43 -4.19	30.92 2.21 -5.66	27.82 2.07 -4.22	21.96 1.83 -0.02	20.85 1.62 0.00
FRANKLIN_FALL_HYD 24054	17.98 0.21 0.00	16.65 0.13 0.00	14.86 0.21 0.00	14.62 0.19 0.00	14.61 0.19 0.00	16.21 0.11 0.00	23.41 -0.07 0.00	25.33 -0.05 0.00	23.90 -0.05 0.00	21.57 -0.02 0.00	20.98 0.04 0.00	20.39 -0.02 0.00	19.84 -0.06 0.00	20.40 -0.06 0.00	21.03 -0.04 0.00	21.84 -0.09 0.00	25.02 -0.03 0.00	28.91 -0.12 0.00	29.31 0.23 0.00	25.87 0.31 0.00	23.17 0.12 0.00	21.64 0.11 0.00	20.21 0.10 0.00	19.19 -0.04 0.00
FREEPORT_EQUS_GT1 23764	18.98 1.21 0.00	17.60 1.07 0.00	15.49 0.84 0.00	15.24 0.81 0.00	15.26 0.84 0.00	17.10 1.00 0.00	25.03 1.55 0.00	27.62 2.23 -0.01	26.17 2.18 -0.05	23.66 2.05 -0.01	24.79 1.80 -2.06	24.85 1.73 -2.70	22.86 1.67 -1.28	25.11 1.74 -2.92	25.45 1.83 -2.54	27.60 2.02 -3.66	29.48 2.28 -2.16	32.11 2.64 -0.44	31.96 2.59 -0.29	32.05 2.30 -4.19	30.79 2.08 -5.66	27.69 1.94 -4.22	21.82 1.69 -0.02	20.71 1.48 0.00
FREEPORT___CT2 23818	18.98 1.21 0.00	17.60 1.07 0.00	15.49 0.84 0.00	15.24 0.81 0.00	15.26 0.84 0.00	17.10 1.00 0.00	25.03 1.55 0.00	27.62 2.23 -0.01	26.17 2.18 -0.05	23.66 2.05 -0.01	24.79 1.80 -2.06	24.85 1.73 -2.70	22.86 1.67 -1.28	25.11 1.74 -2.92	25.45 1.83 -2.54	27.60 2.02 -3.66	29.48 2.28 -2.16	32.11 2.64 -0.44	31.96 2.59 -0.29	32.05 2.30 -4.19	30.79 2.08 -5.66	27.69 1.94 -4.22	21.82 1.69 -0.02	20.71 1.48 0.00

FRESHKLS_33_KV_LOAD 356253	18.56 0.78 -0.01	17.26 0.73 -0.01	15.31 0.65 -0.01	15.04 0.59 -0.01	15.05 0.62 -0.01	16.66 0.56 0.00	24.45 0.96 0.00	26.83 1.45 0.00	25.42 1.48 0.01	23.01 1.43 0.01	22.10 1.17 0.01	21.59 1.18 0.01	21.07 1.17 0.01	21.57 1.13 0.01	22.29 1.22 0.01	23.37 1.45 0.01	26.79 1.75 0.01	28.83 2.00 2.20	28.86 1.95 2.16	28.53 1.71 -1.26	26.77 1.50 -2.23	23.10 1.38 -0.19	21.33 1.23 0.01	20.20 0.96 -0.01
FULTON COGEN____ 23766	18.16 0.39 0.00	16.89 0.36 0.00	14.91 0.25 0.00	14.72 0.29 0.00	14.68 0.26 0.00	16.45 0.35 0.00	24.05 0.56 0.00	25.71 0.33 0.00	24.28 0.34 0.00	21.86 0.26 0.00	21.25 0.31 0.00	20.62 0.20 0.00	20.08 0.18 0.00	20.85 0.39 0.00	21.35 0.27 0.00	22.21 0.29 0.00	25.47 0.43 0.00	29.52 0.49 0.00	29.51 0.44 0.00	26.12 0.33 -0.23	23.61 0.32 -0.24	21.81 0.26 -0.02	20.37 0.26 0.00	19.56 0.33 0.00
FULTON____LFGE 323630	19.39 1.62 0.00	18.03 1.50 0.00	15.92 1.26 0.00	15.71 1.27 0.00	15.72 1.30 0.00	17.71 1.61 0.00	26.16 2.68 0.00	28.10 2.72 0.00	26.39 2.44 0.00	23.71 2.12 0.00	22.78 1.84 0.00	22.15 1.73 0.00	21.51 1.61 0.00	22.13 1.68 0.00	22.91 1.83 0.00	24.41 2.48 0.00	28.02 2.98 0.00	32.42 3.39 0.00	32.53 3.46 0.00	31.35 2.99 -2.81	28.69 2.72 -2.92	24.30 2.52 -0.25	22.30 2.19 0.00	21.12 1.89 0.00
G.F.CEMENT____DRP 24184	18.96 1.19 0.00	17.61 1.09 0.00	15.61 0.95 0.00	15.37 0.94 0.00	15.39 0.97 0.00	17.24 1.14 0.00	25.32 1.83 0.00	27.46 2.08 0.00	25.81 1.87 0.00	23.24 1.64 0.00	22.38 1.44 0.00	21.82 1.41 0.00	21.30 1.39 0.00	21.83 1.37 0.00	22.53 1.45 0.00	23.82 1.89 0.00	27.10 2.05 0.00	31.32 2.29 0.00	31.34 2.27 0.00	30.32 1.97 -2.79	27.91 1.96 -2.90	23.55 1.77 -0.25	21.64 1.53 0.00	20.56 1.33 0.00
GARDENVILLE____LBMP 24039	18.37 0.60 0.00	17.05 0.53 0.00	15.11 0.45 0.00	15.04 0.61 0.00	14.94 0.52 0.00	16.66 0.56 0.00	23.91 0.54 0.00	25.05 -0.20 0.00	23.75 -0.19 0.00	21.57 -0.02 0.00	21.14 0.21 0.00	20.51 0.10 0.00	19.98 0.08 0.00	20.78 0.33 0.00	21.16 0.08 0.00	22.13 0.20 0.00	25.07 0.03 0.00	28.97 -0.06 0.00	28.84 -0.23 0.00	25.47 -0.46 -0.38	23.12 -0.32 -0.39	21.31 -0.26 -0.03	19.71 -0.40 0.00	19.42 0.19 0.00
GARDNVLA_35_KV_LD 355827	18.44 0.68 0.00	17.13 0.61 0.00	15.19 0.53 0.00	15.10 0.66 0.00	15.00 0.58 0.00	16.74 0.64 0.00	24.03 0.54 0.00	25.18 -0.20 0.00	23.87 -0.07 0.00	21.68 0.09 0.00	21.25 0.31 0.00	20.64 0.22 0.00	20.10 0.20 0.00	20.91 0.45 0.00	21.28 0.21 0.00	22.26 0.33 0.00	25.22 0.18 0.00	29.14 0.12 0.00	29.02 -0.06 0.00	25.60 -0.33 -0.38	23.21 -0.23 -0.39	21.44 -0.13 -0.03	19.81 -0.30 0.00	19.52 0.29 0.00
GELCKHM__115KV_LOAD 80723	17.82 0.05 0.00	16.57 0.05 0.00	14.66 0.00 0.00	14.46 0.03 0.00	14.44 0.01 0.00	16.15 0.05 0.00	23.58 0.09 0.00	25.28 -0.10 0.00	23.85 -0.10 0.00	21.49 -0.11 0.00	20.85 -0.08 0.00	20.29 -0.12 0.00	19.78 -0.12 0.00	20.44 -0.02 0.00	20.99 -0.08 0.00	21.84 -0.09 0.00	25.02 -0.03 0.00	28.97 -0.06 0.00	28.99 -0.09 0.00	25.70 -0.10 -0.24	23.23 -0.07 -0.25	21.47 -0.09 -0.02	20.03 -0.08 0.00	19.25 0.02 0.00
GENERAL____MILLS 23808	18.41 0.64 0.00	17.10 0.58 0.00	15.16 0.50 0.00	15.07 0.64 0.00	14.97 0.55 0.00	16.71 0.61 0.00	23.98 0.49 0.00	25.13 -0.25 0.00	23.82 -0.12 0.00	21.64 0.04 0.00	21.21 0.27 0.00	20.60 0.18 0.00	20.06 0.16 0.00	20.87 0.41 0.00	21.22 0.15 0.00	22.21 0.29 0.00	25.17 0.13 0.00	29.08 0.06 0.00	28.96 -0.12 0.00	25.55 -0.38 -0.38	23.16 -0.28 -0.39	21.39 -0.17 -0.03	19.77 -0.34 0.00	19.48 0.25 0.00
GE_PLASTICS____DRP 24183	18.14 0.37 0.00	16.92 0.40 0.00	15.03 0.37 0.00	14.78 0.35 0.00	14.78 0.36 0.00	16.50 0.40 0.00	24.07 0.59 0.00	26.14 0.76 0.00	24.64 0.69 0.00	22.18 0.58 0.00	21.37 0.44 0.00	20.88 0.47 0.00	20.38 0.48 0.00	20.89 0.43 0.00	21.54 0.46 0.00	22.61 0.68 0.00	25.82 0.78 0.00	29.96 0.93 0.00	30.04 0.96 0.00	29.11 0.84 -2.71	26.61 0.74 -2.82	22.49 0.71 -0.25	20.65 0.54 0.00	19.67 0.44 0.00
GILBOA____1 23756	18.23 0.46 0.00	16.95 0.43 0.00	15.04 0.38 0.00	14.81 0.37 0.00	14.81 0.39 0.00	16.53 0.43 0.00	24.14 0.66 0.00	26.22 0.84 0.00	24.73 0.79 0.00	22.33 0.73 0.00	21.54 0.61 0.00	21.00 0.59 0.00	20.50 0.60 0.00	21.07 0.61 0.00	21.71 0.63 0.00	22.70 0.77 0.00	25.92 0.88 0.00	30.07 1.04 0.00	30.09 1.02 0.00	28.56 0.89 -2.11	26.05 0.81 -2.19	22.48 0.75 -0.19	20.71 0.60 0.00	19.77 0.54 0.00
GILBOA____2 23757	18.23 0.46 0.00	16.95 0.43 0.00	15.04 0.38 0.00	14.81 0.37 0.00	14.81 0.39 0.00	16.53 0.43 0.00	24.14 0.66 0.00	26.22 0.84 0.00	24.73 0.79 0.00	22.33 0.73 0.00	21.54 0.61 0.00	21.00 0.59 0.00	20.50 0.60 0.00	21.07 0.61 0.00	21.71 0.63 0.00	22.70 0.77 0.00	25.92 0.88 0.00	30.07 1.04 0.00	30.09 1.02 0.00	28.56 0.89 -2.11	26.05 0.81 -2.19	22.48 0.75 -0.19	20.71 0.60 0.00	19.77 0.54 0.00
GILBOA____3 23758	18.23 0.46 0.00	16.95 0.43 0.00	15.04 0.38 0.00	14.81 0.37 0.00	14.81 0.39 0.00	16.53 0.43 0.00	24.14 0.66 0.00	26.22 0.84 0.00	24.73 0.79 0.00	22.33 0.73 0.00	21.54 0.61 0.00	21.00 0.59 0.00	20.50 0.60 0.00	21.07 0.61 0.00	21.71 0.63 0.00	22.70 0.77 0.00	25.92 0.88 0.00	30.07 1.04 0.00	30.09 1.02 0.00	28.56 0.89 -2.11	26.05 0.81 -2.19	22.48 0.75 -0.19	20.71 0.60 0.00	19.77 0.54 0.00
GILBOA____4 23759	18.23 0.46 0.00	16.95 0.43 0.00	15.04 0.38 0.00	14.81 0.37 0.00	14.81 0.39 0.00	16.53 0.43 0.00	24.14 0.66 0.00	26.22 0.84 0.00	24.73 0.79 0.00	22.33 0.73 0.00	21.54 0.61 0.00	21.00 0.59 0.00	20.50 0.60 0.00	21.07 0.61 0.00	21.71 0.63 0.00	22.70 0.77 0.00	25.92 0.88 0.00	30.07 1.04 0.00	30.09 1.02 0.00	28.56 0.89 -2.11	26.05 0.81 -2.19	22.48 0.75 -0.19	20.71 0.60 0.00	19.77 0.54 0.00
GILBOA____ 23599	18.23 0.46 0.00	16.95 0.43 0.00	15.06 0.40 0.00	14.81 0.38 0.00	14.81 0.39 0.00	16.53 0.43 0.00	24.14 0.66 0.00	26.22 0.84 0.00	24.73 0.79 0.00	22.31 0.71 0.00	21.52 0.59 0.00	21.00 0.59 0.00	20.50 0.60 0.00	21.03 0.57 0.00	21.66 0.59 0.00	22.67 0.75 0.00	25.92 0.88 0.00	30.07 1.04 0.00	30.09 1.02 0.00	28.57 0.89 -2.11	26.06 0.81 -2.20	22.48 0.75 -0.19	20.75 0.64 0.00	19.77 0.54 0.00
GINNA____ 23603	17.24 -0.53 0.00	16.04 -0.48 0.00	14.23 -0.43 0.00	14.06 -0.38 0.00	13.98 -0.45 0.00	15.65 -0.45 0.00	22.64 -0.84 0.00	24.09 -1.29 0.00	22.72 -1.22 0.00	20.54 -1.06 0.00	19.89 -1.05 0.00	19.39 -1.02 0.00	18.91 -0.99 0.00	19.33 -1.13 0.00	20.00 -1.07 0.00	20.92 -1.01 0.00	23.84 -1.20 0.00	27.75 -1.28 0.00	27.71 -1.37 0.00	24.71 -1.10 -0.25	22.38 -0.92 -0.26	20.50 -1.05 -0.02	19.06 -1.05 0.00	18.46 -0.77 0.00

GLEN PARK____ 23778	18.30 0.53 0.00	17.03 0.51 0.00	15.03 0.37 0.00	14.87 0.43 0.00	14.78 0.36 0.00	16.60 0.50 0.00	24.54 1.06 0.00	26.22 0.84 0.00	24.61 0.67 0.00	22.01 0.41 0.00	21.23 0.29 0.00	20.68 0.26 0.00	20.18 0.28 0.00	20.83 0.37 0.00	21.45 0.38 0.00	22.34 0.42 0.00	25.64 0.60 0.00	29.78 0.75 0.00	30.03 0.96 0.00	26.39 0.71 -0.12	23.73 0.55 -0.12	21.91 0.37 -0.01	20.41 0.30 0.00	19.44 0.21 0.00
GLENDAL_27_KV_LOAD 356172	18.65 0.87 -0.01	17.36 0.83 -0.01	15.43 0.76 -0.01	15.14 0.69 -0.01	15.15 0.72 -0.01	16.84 0.74 0.00	24.73 1.24 0.00	27.10 1.73 0.00	25.70 1.75 -0.01	23.23 1.62 -0.01	22.33 1.38 -0.01	21.81 1.39 -0.01	21.29 1.37 -0.01	21.80 1.33 -0.01	22.50 1.41 -0.01	23.58 1.64 -0.01	30.80 1.93 -3.83	31.24 2.21 -0.01	31.24 2.15 -0.01	29.58 1.87 -2.16	26.98 1.68 -2.24	23.33 1.59 -0.20	21.55 1.43 -0.01	20.41 1.17 -0.01
GLENWOOD_IC_1_G5 23712	18.76 1.00 0.00	17.43 0.91 0.00	15.42 0.76 0.00	15.14 0.71 0.00	15.19 0.76 0.00	16.95 0.85 0.00	24.85 1.36 0.00	27.28 1.90 0.00	25.88 1.89 -0.05	23.35 1.75 0.00	24.46 1.47 -2.06	24.62 1.51 -2.70	22.68 1.49 -1.28	24.78 1.41 -2.91	25.15 1.54 -2.54	27.36 1.78 -3.66	29.25 2.05 -2.16	31.85 2.38 -0.44	31.69 2.33 -0.29	31.80 2.04 -4.19	30.56 1.84 -5.66	27.50 1.74 -4.22	21.66 1.53 -0.02	20.52 1.29 0.00
GLENWOOD_IC_2_G1 23688	18.66 0.89 0.00	17.35 0.83 0.00	15.33 0.67 0.00	15.09 0.65 0.00	15.10 0.68 0.00	16.87 0.77 0.00	24.73 1.24 0.00	27.11 1.73 -0.01	25.69 1.70 -0.05	23.23 1.62 -0.01	24.42 1.42 -2.06	24.50 1.39 -2.70	22.54 1.35 -1.28	24.76 1.39 -2.91	25.09 1.47 -2.54	27.21 1.62 -3.66	29.05 1.85 -2.16	31.62 2.15 -0.44	31.49 2.12 -0.29	31.61 1.86 -4.19	30.39 1.68 -5.66	27.34 1.59 -4.22	21.45 1.33 -0.02	20.38 1.15 0.00
GLENWOOD_IC_3_G1 23689	18.66 0.89 0.00	17.35 0.83 0.00	15.33 0.67 0.00	15.09 0.65 0.00	15.10 0.68 0.00	16.87 0.77 0.00	24.73 1.24 0.00	27.11 1.73 -0.01	25.69 1.70 -0.05	23.23 1.62 -0.01	24.42 1.42 -2.06	24.50 1.39 -2.70	22.54 1.35 -1.28	24.76 1.39 -2.91	25.09 1.47 -2.54	27.21 1.62 -3.66	29.05 1.85 -2.16	31.62 2.15 -0.44	31.49 2.12 -0.29	31.61 1.86 -4.19	30.39 1.68 -5.66	27.34 1.59 -4.22	21.45 1.33 -0.02	20.38 1.15 0.00
GLENWOOD____4 23550	18.76 1.00 0.00	17.43 0.91 0.00	15.42 0.76 0.00	15.14 0.71 0.00	15.19 0.76 0.00	16.95 0.85 0.00	24.85 1.36 0.00	27.28 1.90 0.00	25.88 1.89 -0.05	23.35 1.75 0.00	24.46 1.47 -2.06	24.62 1.51 -2.70	22.68 1.49 -1.28	24.78 1.41 -2.91	25.15 1.54 -2.54	27.36 1.78 -3.66	29.25 2.05 -2.16	31.85 2.38 -0.44	31.69 2.33 -0.29	31.80 2.04 -4.19	30.56 1.84 -5.66	27.50 1.74 -4.22	21.66 1.53 -0.02	20.52 1.29 0.00
GLENWOOD____5 23614	18.76 1.00 0.00	17.43 0.91 0.00	15.42 0.76 0.00	15.14 0.71 0.00	15.19 0.76 0.00	16.95 0.85 0.00	24.85 1.36 0.00	27.28 1.90 0.00	25.88 1.89 -0.05	23.35 1.75 0.00	24.46 1.47 -2.06	24.62 1.51 -2.70	22.68 1.49 -1.28	24.78 1.41 -2.91	25.15 1.54 -2.54	27.36 1.78 -3.66	29.25 2.05 -2.16	31.85 2.38 -0.44	31.69 2.33 -0.29	31.80 2.04 -4.19	30.56 1.84 -5.66	27.50 1.74 -4.22	21.66 1.53 -0.02	20.52 1.29 0.00
GLOBAL GREEN_PORT_GT1 23814	19.78 2.01 0.00	18.32 1.80 0.00	16.08 1.42 0.00	15.82 1.39 0.00	15.84 1.41 0.00	17.80 1.71 0.00	26.02 2.54 0.00	29.09 3.71 -0.01	27.68 3.69 -0.05	25.02 3.41 -0.01	26.05 3.06 -2.06	26.05 2.94 -2.70	23.97 2.79 -1.28	26.21 2.84 -2.91	26.72 3.10 -2.54	29.03 3.44 -3.66	31.13 3.93 -2.16	34.19 4.64 -0.52	33.98 4.53 -0.37	47.66 4.14 -17.96	32.38 3.67 -5.67	29.13 3.38 -4.22	22.98 2.85 -0.02	21.65 2.42 0.00
GLOBE____DSASP 323697	17.84 0.07 0.00	16.57 0.05 0.00	14.69 0.03 0.00	14.62 0.19 0.00	14.52 0.10 0.00	16.19 0.10 0.00	23.20 -0.28 0.00	24.11 -1.27 0.00	22.84 -1.10 0.00	20.75 -0.84 0.00	20.33 -0.61 0.00	19.76 -0.65 0.00	19.25 -0.66 0.00	20.01 -0.45 0.00	20.34 -0.74 0.00	21.27 -0.66 0.00	24.04 -1.00 0.00	27.78 -1.25 0.00	27.68 -1.40 0.00	24.74 -1.18 -0.35	22.47 -0.95 -0.37	20.57 -0.99 -0.03	18.98 -1.13 0.00	18.94 -0.29 0.00
GOETHSLN____LBMP 323567	18.37 0.60 0.00	17.13 0.61 0.00	15.23 0.57 0.00	14.95 0.52 0.00	14.97 0.55 0.00	16.68 0.58 0.00	24.42 0.94 0.00	26.72 1.35 0.00	25.33 1.39 0.00	22.91 1.32 0.00	22.02 1.09 0.00	21.51 1.10 0.00	21.00 1.09 0.00	21.50 1.04 0.00	22.19 1.12 0.00	23.27 1.34 0.00	26.62 1.58 0.00	28.58 1.74 2.19	30.73 1.66 0.00	29.16 1.46 -2.15	26.62 1.34 -2.23	23.00 1.27 -0.20	21.28 1.17 0.00	20.13 0.90 0.00
GOLAH____69_KV_TB 1_2 80279	18.30 0.53 0.00	17.03 0.51 0.00	15.06 0.40 0.00	14.94 0.51 0.00	14.84 0.42 0.00	16.61 0.52 0.00	23.93 0.45 0.00	25.20 -0.18 0.00	23.80 -0.14 0.00	21.55 -0.04 0.00	21.04 0.10 0.00	20.45 0.04 0.00	19.88 -0.02 0.00	20.60 0.14 0.00	21.05 -0.02 0.00	21.95 0.02 0.00	24.94 -0.10 0.00	29.00 -0.03 0.00	28.96 -0.12 0.00	25.89 0.03 -0.30	23.48 0.12 -0.31	21.47 -0.09 -0.03	19.91 -0.20 0.00	19.48 0.25 0.00
GOODYEAR_LAKE_HYD 323669	18.48 0.71 0.00	17.20 0.68 0.00	15.22 0.56 0.00	15.01 0.58 0.00	14.97 0.55 0.00	16.74 0.64 0.00	24.52 1.03 0.00	26.55 1.17 0.00	25.05 1.10 0.00	22.53 0.93 0.00	21.77 0.84 0.00	21.23 0.82 0.00	20.70 0.80 0.00	21.34 0.88 0.00	21.98 0.91 0.00	22.96 1.03 0.00	26.27 1.23 0.00	30.45 1.42 0.00	30.53 1.45 0.00	27.82 1.20 -1.06	25.24 1.08 -1.11	22.57 0.95 -0.10	20.93 0.82 0.00	19.94 0.71 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	18.21 0.44 0.00	16.92 0.40 0.00	14.98 0.32 0.00	14.78 0.35 0.00	14.75 0.33 0.00	16.48 0.39 0.00	24.05 0.56 0.00	25.84 0.46 0.00	24.40 0.45 0.00	22.01 0.41 0.00	21.33 0.40 0.00	20.76 0.35 0.00	20.22 0.32 0.00	20.89 0.43 0.00	21.47 0.40 0.00	22.41 0.48 0.00	25.52 0.48 0.00	29.55 0.52 0.00	29.54 0.47 0.00	26.53 0.26 -0.71	24.07 0.28 -0.74	21.90 0.30 -0.06	20.35 0.24 0.00	19.54 0.31 0.00
GOUDEY____7 23579	18.21 0.44 0.00	16.93 0.41 0.00	15.00 0.34 0.00	14.80 0.36 0.00	14.77 0.35 0.00	16.50 0.40 0.00	24.07 0.59 0.00	25.86 0.48 0.00	24.42 0.48 0.00	22.03 0.43 0.00	21.35 0.42 0.00	20.78 0.37 0.00	20.24 0.34 0.00	20.91 0.45 0.00	21.50 0.42 0.00	22.43 0.50 0.00	25.54 0.50 0.00	29.58 0.55 0.00	29.57 0.49 0.00	26.55 0.28 -0.71	24.09 0.30 -0.74	21.92 0.32 -0.06	20.35 0.24 0.00	19.56 0.33 0.00
GOUDEY____8 23580	18.21 0.44 0.00	16.92 0.40 0.00	14.98 0.32 0.00	14.78 0.35 0.00	14.75 0.33 0.00	16.48 0.39 0.00	24.05 0.56 0.00	25.84 0.46 0.00	24.40 0.45 0.00	22.01 0.41 0.00	21.33 0.40 0.00	20.76 0.35 0.00	20.22 0.32 0.00	20.89 0.43 0.00	21.47 0.40 0.00	22.41 0.48 0.00	25.52 0.48 0.00	29.55 0.52 0.00	29.54 0.47 0.00	26.53 0.26 -0.71	24.07 0.28 -0.74	21.90 0.30 -0.06	20.35 0.24 0.00	19.54 0.31 0.00

GOWANUS_GT1_1 24077	18.61 0.84 -0.01	17.31 0.78 -0.01	15.37 0.70 -0.01	15.09 0.65 -0.01	15.11 0.68 -0.01	16.76 0.66 0.00	24.64 1.15 0.00	27.00 1.62 0.00	25.63 1.68 -0.01	23.18 1.58 -0.01	22.26 1.32 -0.01	21.77 1.35 -0.01	21.25 1.33 -0.01	21.76 1.29 -0.01	22.45 1.37 -0.01	23.54 1.60 -0.01	30.78 1.90 -3.83	31.21 2.18 -0.01	31.21 2.12 -0.01	29.56 1.84 -2.16	26.93 1.64 -2.24	23.26 1.53 -0.20	21.48 1.37 -0.01	20.33 1.10 -0.01
GOWANUS_GT1_2 24078	18.61 0.84 -0.01	17.31 0.78 -0.01	15.37 0.70 -0.01	15.09 0.65 -0.01	15.11 0.68 -0.01	16.76 0.66 0.00	24.64 1.15 0.00	27.00 1.62 0.00	25.63 1.68 -0.01	23.18 1.58 -0.01	22.26 1.32 -0.01	21.77 1.35 -0.01	21.25 1.33 -0.01	21.76 1.29 -0.01	22.45 1.37 -0.01	23.54 1.60 -0.01	30.78 1.90 -3.83	31.21 2.18 -0.01	31.21 2.12 -0.01	29.56 1.84 -2.16	26.93 1.64 -2.24	23.26 1.53 -0.20	21.48 1.37 -0.01	20.33 1.10 -0.01
GOWANUS_GT1_3 24079	18.61 0.84 -0.01	17.31 0.78 -0.01	15.37 0.70 -0.01	15.09 0.65 -0.01	15.11 0.68 -0.01	16.76 0.66 0.00	24.64 1.15 0.00	27.00 1.62 0.00	25.63 1.68 -0.01	23.18 1.58 -0.01	22.26 1.32 -0.01	21.77 1.35 -0.01	21.25 1.33 -0.01	21.76 1.29 -0.01	22.45 1.37 -0.01	23.54 1.60 -0.01	30.78 1.90 -3.83	31.21 2.18 -0.01	31.21 2.12 -0.01	29.56 1.84 -2.16	26.93 1.64 -2.24	23.26 1.53 -0.20	21.48 1.37 -0.01	20.33 1.10 -0.01
GOWANUS_GT1_4 24080	18.61 0.84 -0.01	17.31 0.78 -0.01	15.37 0.70 -0.01	15.09 0.65 -0.01	15.11 0.68 -0.01	16.76 0.66 0.00	24.64 1.15 0.00	27.00 1.62 0.00	25.63 1.68 -0.01	23.18 1.58 -0.01	22.26 1.32 -0.01	21.77 1.35 -0.01	21.25 1.33 -0.01	21.76 1.29 -0.01	22.45 1.37 -0.01	23.54 1.60 -0.01	30.78 1.90 -3.83	31.21 2.18 -0.01	31.21 2.12 -0.01	29.56 1.84 -2.16	26.93 1.64 -2.24	23.26 1.53 -0.20	21.48 1.37 -0.01	20.33 1.10 -0.01
GOWANUS_GT1_5 24084	18.61 0.84 -0.01	17.31 0.78 -0.01	15.37 0.70 -0.01	15.09 0.65 -0.01	15.11 0.68 -0.01	16.76 0.66 0.00	24.64 1.15 0.00	27.00 1.62 0.00	25.63 1.68 -0.01	23.18 1.58 -0.01	22.26 1.32 -0.01	21.77 1.35 -0.01	21.25 1.33 -0.01	21.76 1.29 -0.01	22.45 1.37 -0.01	23.54 1.60 -0.01	30.78 1.90 -3.83	31.21 2.18 -0.01	31.21 2.12 -0.01	29.56 1.84 -2.16	26.93 1.64 -2.24	23.26 1.53 -0.20	21.48 1.37 -0.01	20.33 1.10 -0.01
GOWANUS_GT1_6 24111	18.61 0.84 -0.01	17.31 0.78 -0.01	15.37 0.70 -0.01	15.09 0.65 -0.01	15.11 0.68 -0.01	16.76 0.66 0.00	24.64 1.15 0.00	27.00 1.62 0.00	25.63 1.68 -0.01	23.18 1.58 -0.01	22.26 1.32 -0.01	21.77 1.35 -0.01	21.25 1.33 -0.01	21.76 1.29 -0.01	22.45 1.37 -0.01	23.54 1.60 -0.01	30.78 1.90 -3.83	31.21 2.18 -0.01	31.21 2.12 -0.01	29.56 1.84 -2.16	26.93 1.64 -2.24	23.26 1.53 -0.20	21.48 1.37 -0.01	20.33 1.10 -0.01
GOWANUS_GT1_7 24112	18.61 0.84 -0.01	17.31 0.78 -0.01	15.37 0.70 -0.01	15.09 0.65 -0.01	15.11 0.68 -0.01	16.76 0.66 0.00	24.64 1.15 0.00	27.00 1.62 0.00	25.63 1.68 -0.01	23.18 1.58 -0.01	22.26 1.32 -0.01	21.77 1.35 -0.01	21.25 1.33 -0.01	21.76 1.29 -0.01	22.45 1.37 -0.01	23.54 1.60 -0.01	30.78 1.90 -3.83	31.21 2.18 -0.01	31.21 2.12 -0.01	29.56 1.84 -2.16	26.93 1.64 -2.24	23.26 1.53 -0.20	21.48 1.37 -0.01	20.33 1.10 -0.01
GOWANUS_GT1_8 24113	18.61 0.84 -0.01	17.31 0.78 -0.01	15.37 0.70 -0.01	15.09 0.65 -0.01	15.11 0.68 -0.01	16.76 0.66 0.00	24.64 1.15 0.00	27.00 1.62 0.00	25.63 1.68 -0.01	23.18 1.58 -0.01	22.26 1.32 -0.01	21.77 1.35 -0.01	21.25 1.33 -0.01	21.76 1.29 -0.01	22.45 1.37 -0.01	23.54 1.60 -0.01	30.78 1.90 -3.83	31.21 2.18 -0.01	31.21 2.12 -0.01	29.56 1.84 -2.16	26.93 1.64 -2.24	23.26 1.53 -0.20	21.48 1.37 -0.01	20.33 1.10 -0.01
GOWANUS_GT2_1 24114	18.61 0.84 -0.01	17.31 0.78 -0.01	15.36 0.69 -0.01	15.09 0.65 -0.01	15.11 0.68 -0.01	16.76 0.66 0.00	24.64 1.15 0.00	27.00 1.63 0.00	25.63 1.68 -0.01	23.23 1.62 -0.01	22.33 1.38 -0.01	21.79 1.37 -0.01	21.25 1.33 -0.01	21.88 1.41 -0.01	22.56 1.47 -0.01	23.56 1.62 -0.01	30.78 1.90 -3.83	31.21 2.18 -0.01	31.21 2.12 -0.01	29.55 1.84 -2.15	26.92 1.64 -2.24	23.26 1.53 -0.20	21.42 1.31 -0.01	20.33 1.10 -0.01
GOWANUS_GT2_2 24115	18.61 0.84 -0.01	17.31 0.78 -0.01	15.36 0.69 -0.01	15.09 0.65 -0.01	15.11 0.68 -0.01	16.76 0.66 0.00	24.64 1.15 0.00	27.00 1.63 0.00	25.63 1.68 -0.01	23.23 1.62 -0.01	22.33 1.38 -0.01	21.79 1.37 -0.01	21.25 1.33 -0.01	21.88 1.41 -0.01	22.56 1.47 -0.01	23.56 1.62 -0.01	30.78 1.90 -3.83	31.21 2.18 -0.01	31.21 2.12 -0.01	29.55 1.84 -2.15	26.92 1.64 -2.24	23.26 1.53 -0.20	21.42 1.31 -0.01	20.33 1.10 -0.01
GOWANUS_GT2_3 24116	18.61 0.84 -0.01	17.31 0.78 -0.01	15.36 0.69 -0.01	15.09 0.65 -0.01	15.11 0.68 -0.01	16.76 0.66 0.00	24.64 1.15 0.00	27.00 1.63 0.00	25.63 1.68 -0.01	23.23 1.62 -0.01	22.33 1.38 -0.01	21.79 1.37 -0.01	21.25 1.33 -0.01	21.88 1.41 -0.01	22.56 1.47 -0.01	23.56 1.62 -0.01	30.78 1.90 -3.83	31.21 2.18 -0.01	31.21 2.12 -0.01	29.55 1.84 -2.15	26.92 1.64 -2.24	23.26 1.53 -0.20	21.42 1.31 -0.01	20.33 1.10 -0.01
GOWANUS_GT2_4 24117	18.61 0.84 -0.01	17.31 0.78 -0.01	15.36 0.69 -0.01	15.09 0.65 -0.01	15.11 0.68 -0.01	16.76 0.66 0.00	24.64 1.15 0.00	27.00 1.63 0.00	25.63 1.68 -0.01	23.23 1.62 -0.01	22.33 1.38 -0.01	21.79 1.37 -0.01	21.25 1.33 -0.01	21.88 1.41 -0.01	22.56 1.47 -0.01	23.56 1.62 -0.01	30.78 1.90 -3.83	31.21 2.18 -0.01	31.21 2.12 -0.01	29.55 1.84 -2.15	26.92 1.64 -2.24	23.26 1.53 -0.20	21.42 1.31 -0.01	20.33 1.10 -0.01
GOWANUS_GT2_5 24118	18.61 0.84 -0.01	17.31 0.78 -0.01	15.36 0.69 -0.01	15.09 0.65 -0.01	15.11 0.68 -0.01	16.76 0.66 0.00	24.64 1.15 0.00	27.00 1.63 0.00	25.63 1.68 -0.01	23.23 1.62 -0.01	22.33 1.38 -0.01	21.79 1.37 -0.01	21.25 1.33 -0.01	21.88 1.41 -0.01	22.56 1.47 -0.01	23.56 1.62 -0.01	30.78 1.90 -3.83	31.21 2.18 -0.01	31.21 2.12 -0.01	29.55 1.84 -2.15	26.92 1.64 -2.24	23.26 1.53 -0.20	21.42 1.31 -0.01	20.33 1.10 -0.01
GOWANUS_GT2_6 24119	18.61 0.84 -0.01	17.31 0.78 -0.01	15.36 0.69 -0.01	15.09 0.65 -0.01	15.11 0.68 -0.01	16.76 0.66 0.00	24.64 1.15 0.00	27.00 1.63 0.00	25.63 1.68 -0.01	23.23 1.62 -0.01	22.33 1.38 -0.01	21.79 1.37 -0.01	21.25 1.33 -0.01	21.88 1.41 -0.01	22.56 1.47 -0.01	23.56 1.62 -0.01	30.78 1.90 -3.83	31.21 2.18 -0.01	31.21 2.12 -0.01	29.55 1.84 -2.15	26.92 1.64 -2.24	23.26 1.53 -0.20	21.42 1.31 -0.01	20.33 1.10 -0.01
GOWANUS_GT2_7 24120	18.61 0.84 -0.01	17.31 0.78 -0.01	15.36 0.69 -0.01	15.09 0.65 -0.01	15.11 0.68 -0.01	16.76 0.66 0.00	24.64 1.15 0.00	27.00 1.63 0.00	25.63 1.68 -0.01	23.23 1.62 -0.01	22.33 1.38 -0.01	21.79 1.37 -0.01	21.25 1.33 -0.01	21.88 1.41 -0.01	22.56 1.47 -0.01	23.56 1.62 -0.01	30.78 1.90 -3.83	31.21 2.18 -0.01	31.21 2.12 -0.01	29.55 1.84 -2.15	26.92 1.64 -2.24	23.26 1.53 -0.20	21.42 1.31 -0.01	20.33 1.10 -0.01

GOWANUS_GT2_8 24121	18.61 0.84 -0.01	17.31 0.78 -0.01	15.36 0.69 -0.01	15.09 0.65 -0.01	15.11 0.68 -0.01	16.76 0.66 0.00	24.64 1.15 0.00	27.00 1.63 0.00	25.63 1.68 -0.01	23.23 1.62 -0.01	22.33 1.38 -0.01	21.79 1.37 -0.01	21.25 1.33 -0.01	21.88 1.41 -0.01	22.56 1.47 -0.01	23.56 1.62 -0.01	30.78 1.90 -3.83	31.21 2.18 -0.01	31.21 2.12 -0.01	29.55 1.84 -2.15	26.92 1.64 -2.24	23.26 1.53 -0.20	21.42 1.31 -0.01	20.33 1.10 -0.01
GOWANUS_GT3_1 24122	18.61 0.84 -0.01	17.31 0.78 -0.01	15.36 0.69 -0.01	15.09 0.65 -0.01	15.11 0.68 -0.01	16.76 0.66 0.00	24.64 1.15 0.00	27.00 1.63 0.00	25.63 1.68 -0.01	23.23 1.62 -0.01	22.33 1.38 -0.01	21.79 1.37 -0.01	21.25 1.33 -0.01	21.88 1.41 -0.01	22.56 1.47 -0.01	23.56 1.62 -0.01	30.78 1.90 -3.83	31.21 2.18 -0.01	31.21 2.12 -0.01	29.55 1.84 -2.15	26.92 1.64 -2.24	23.26 1.53 -0.20	21.42 1.31 -0.01	20.33 1.10 -0.01
GOWANUS_GT3_2 24123	18.61 0.84 -0.01	17.31 0.78 -0.01	15.36 0.69 -0.01	15.09 0.65 -0.01	15.11 0.68 -0.01	16.76 0.66 0.00	24.64 1.15 0.00	27.00 1.63 0.00	25.63 1.68 -0.01	23.23 1.62 -0.01	22.33 1.38 -0.01	21.79 1.37 -0.01	21.25 1.33 -0.01	21.88 1.41 -0.01	22.56 1.47 -0.01	23.56 1.62 -0.01	30.78 1.90 -3.83	31.21 2.18 -0.01	31.21 2.12 -0.01	29.55 1.84 -2.15	26.92 1.64 -2.24	23.26 1.53 -0.20	21.42 1.31 -0.01	20.33 1.10 -0.01
GOWANUS_GT3_3 24124	18.61 0.84 -0.01	17.31 0.78 -0.01	15.36 0.69 -0.01	15.09 0.65 -0.01	15.11 0.68 -0.01	16.76 0.66 0.00	24.64 1.15 0.00	27.00 1.63 0.00	25.63 1.68 -0.01	23.23 1.62 -0.01	22.33 1.38 -0.01	21.79 1.37 -0.01	21.25 1.33 -0.01	21.88 1.41 -0.01	22.56 1.47 -0.01	23.56 1.62 -0.01	30.78 1.90 -3.83	31.21 2.18 -0.01	31.21 2.12 -0.01	29.55 1.84 -2.15	26.92 1.64 -2.24	23.26 1.53 -0.20	21.42 1.31 -0.01	20.33 1.10 -0.01
GOWANUS_GT3_4 24125	18.61 0.84 -0.01	17.31 0.78 -0.01	15.36 0.69 -0.01	15.09 0.65 -0.01	15.11 0.68 -0.01	16.76 0.66 0.00	24.64 1.15 0.00	27.00 1.63 0.00	25.63 1.68 -0.01	23.23 1.62 -0.01	22.33 1.38 -0.01	21.79 1.37 -0.01	21.25 1.33 -0.01	21.88 1.41 -0.01	22.56 1.47 -0.01	23.56 1.62 -0.01	30.78 1.90 -3.83	31.21 2.18 -0.01	31.21 2.12 -0.01	29.55 1.84 -2.15	26.92 1.64 -2.24	23.26 1.53 -0.20	21.42 1.31 -0.01	20.33 1.10 -0.01
GOWANUS_GT3_5 24126	18.61 0.84 -0.01	17.31 0.78 -0.01	15.36 0.69 -0.01	15.09 0.65 -0.01	15.11 0.68 -0.01	16.76 0.66 0.00	24.64 1.15 0.00	27.00 1.63 0.00	25.63 1.68 -0.01	23.23 1.62 -0.01	22.33 1.38 -0.01	21.79 1.37 -0.01	21.25 1.33 -0.01	21.88 1.41 -0.01	22.56 1.47 -0.01	23.56 1.62 -0.01	30.78 1.90 -3.83	31.21 2.18 -0.01	31.21 2.12 -0.01	29.55 1.84 -2.15	26.92 1.64 -2.24	23.26 1.53 -0.20	21.42 1.31 -0.01	20.33 1.10 -0.01
GOWANUS_GT3_6 24127	18.61 0.84 -0.01	17.31 0.78 -0.01	15.36 0.69 -0.01	15.09 0.65 -0.01	15.11 0.68 -0.01	16.76 0.66 0.00	24.64 1.15 0.00	27.00 1.63 0.00	25.63 1.68 -0.01	23.23 1.62 -0.01	22.33 1.38 -0.01	21.79 1.37 -0.01	21.25 1.33 -0.01	21.88 1.41 -0.01	22.56 1.47 -0.01	23.56 1.62 -0.01	30.78 1.90 -3.83	31.21 2.18 -0.01	31.21 2.12 -0.01	29.55 1.84 -2.15	26.92 1.64 -2.24	23.26 1.53 -0.20	21.42 1.31 -0.01	20.33 1.10 -0.01
GOWANUS_GT3_7 24128	18.61 0.84 -0.01	17.31 0.78 -0.01	15.36 0.69 -0.01	15.09 0.65 -0.01	15.11 0.68 -0.01	16.76 0.66 0.00	24.64 1.15 0.00	27.00 1.63 0.00	25.63 1.68 -0.01	23.23 1.62 -0.01	22.33 1.38 -0.01	21.79 1.37 -0.01	21.25 1.33 -0.01	21.88 1.41 -0.01	22.56 1.47 -0.01	23.56 1.62 -0.01	30.78 1.90 -3.83	31.21 2.18 -0.01	31.21 2.12 -0.01	29.55 1.84 -2.15	26.92 1.64 -2.24	23.26 1.53 -0.20	21.42 1.31 -0.01	20.33 1.10 -0.01
GOWANUS_GT3_8 24129	18.61 0.84 -0.01	17.31 0.78 -0.01	15.36 0.69 -0.01	15.09 0.65 -0.01	15.11 0.68 -0.01	16.76 0.66 0.00	24.64 1.15 0.00	27.00 1.63 0.00	25.63 1.68 -0.01	23.23 1.62 -0.01	22.33 1.38 -0.01	21.79 1.37 -0.01	21.25 1.33 -0.01	21.88 1.41 -0.01	22.56 1.47 -0.01	23.56 1.62 -0.01	30.78 1.90 -3.83	31.21 2.18 -0.01	31.21 2.12 -0.01	29.55 1.84 -2.15	26.92 1.64 -2.24	23.26 1.53 -0.20	21.42 1.31 -0.01	20.33 1.10 -0.01
GOWANUS_GT4_1 24130	18.61 0.84 -0.01	17.31 0.78 -0.01	15.37 0.70 -0.01	15.09 0.65 -0.01	15.11 0.68 -0.01	16.76 0.66 0.00	24.64 1.15 0.00	27.00 1.62 0.00	25.63 1.68 -0.01	23.18 1.58 -0.01	22.26 1.32 -0.01	21.77 1.35 -0.01	21.25 1.33 -0.01	21.76 1.29 -0.01	22.45 1.37 -0.01	23.54 1.60 -0.01	30.78 1.90 -3.83	31.21 2.18 -0.01	31.21 2.12 -0.01	29.56 1.84 -2.16	26.93 1.64 -2.24	23.26 1.53 -0.20	21.48 1.37 -0.01	20.33 1.10 -0.01
GOWANUS_GT4_2 24131	18.61 0.84 -0.01	17.31 0.78 -0.01	15.37 0.70 -0.01	15.09 0.65 -0.01	15.11 0.68 -0.01	16.76 0.66 0.00	24.64 1.15 0.00	27.00 1.62 0.00	25.63 1.68 -0.01	23.18 1.58 -0.01	22.26 1.32 -0.01	21.77 1.35 -0.01	21.25 1.33 -0.01	21.76 1.29 -0.01	22.45 1.37 -0.01	23.54 1.60 -0.01	30.78 1.90 -3.83	31.21 2.18 -0.01	31.21 2.12 -0.01	29.56 1.84 -2.16	26.93 1.64 -2.24	23.26 1.53 -0.20	21.48 1.37 -0.01	20.33 1.10 -0.01
GOWANUS_GT4_3 24132	18.61 0.84 -0.01	17.31 0.78 -0.01	15.37 0.70 -0.01	15.09 0.65 -0.01	15.11 0.68 -0.01	16.76 0.66 0.00	24.64 1.15 0.00	27.00 1.62 0.00	25.63 1.68 -0.01	23.18 1.58 -0.01	22.26 1.32 -0.01	21.77 1.35 -0.01	21.25 1.33 -0.01	21.76 1.29 -0.01	22.45 1.37 -0.01	23.54 1.60 -0.01	30.78 1.90 -3.83	31.21 2.18 -0.01	31.21 2.12 -0.01	29.56 1.84 -2.16	26.93 1.64 -2.24	23.26 1.53 -0.20	21.48 1.37 -0.01	20.33 1.10 -0.01
GOWANUS_GT4_4 24133	18.61 0.84 -0.01	17.31 0.78 -0.01	15.37 0.70 -0.01	15.09 0.65 -0.01	15.11 0.68 -0.01	16.76 0.66 0.00	24.64 1.15 0.00	27.00 1.62 0.00	25.63 1.68 -0.01	23.18 1.58 -0.01	22.26 1.32 -0.01	21.77 1.35 -0.01	21.25 1.33 -0.01	21.76 1.29 -0.01	22.45 1.37 -0.01	23.54 1.60 -0.01	30.78 1.90 -3.83	31.21 2.18 -0.01	31.21 2.12 -0.01	29.56 1.84 -2.16	26.93 1.64 -2.24	23.26 1.53 -0.20	21.48 1.37 -0.01	20.33 1.10 -0.01
GOWANUS_GT4_5 24134	18.61 0.84 -0.01	17.31 0.78 -0.01	15.37 0.70 -0.01	15.09 0.65 -0.01	15.11 0.68 -0.01	16.76 0.66 0.00	24.64 1.15 0.00	27.00 1.62 0.00	25.63 1.68 -0.01	23.18 1.58 -0.01	22.26 1.32 -0.01	21.77 1.35 -0.01	21.25 1.33 -0.01	21.76 1.29 -0.01	22.45 1.37 -0.01	23.54 1.60 -0.01	30.78 1.90 -3.83	31.21 2.18 -0.01	31.21 2.12 -0.01	29.56 1.84 -2.16	26.93 1.64 -2.24	23.26 1.53 -0.20	21.48 1.37 -0.01	20.33 1.10 -0.01
GOWANUS_GT4_6 24135	18.61 0.84 -0.01	17.31 0.78 -0.01	15.37 0.70 -0.01	15.09 0.65 -0.01	15.11 0.68 -0.01	16.76 0.66 0.00	24.64 1.15 0.00	27.00 1.62 0.00	25.63 1.68 -0.01	23.18 1.58 -0.01	22.26 1.32 -0.01	21.77 1.35 -0.01	21.25 1.33 -0.01	21.76 1.29 -0.01	22.45 1.37 -0.01	23.54 1.60 -0.01	30.78 1.90 -3.83	31.21 2.18 -0.01	31.21 2.12 -0.01	29.56 1.84 -2.16	26.93 1.64 -2.24	23.26 1.53 -0.20	21.48 1.37 -0.01	20.33 1.10 -0.01

GOWANUS_GT4_7 24136	18.61 0.84 -0.01	17.31 0.78 -0.01	15.37 0.70 -0.01	15.09 0.65 -0.01	15.11 0.68 -0.01	16.76 0.66 0.00	24.64 1.15 0.00	27.00 1.62 0.00	25.63 1.68 -0.01	23.18 1.58 -0.01	22.26 1.32 -0.01	21.77 1.35 -0.01	21.25 1.33 -0.01	21.76 1.29 -0.01	22.45 1.37 -0.01	23.54 1.60 -0.01	30.78 1.90 -3.83	31.21 2.18 -0.01	31.21 2.12 -0.01	29.56 1.84 -2.16	26.93 1.64 -2.24	23.26 1.53 -0.20	21.48 1.37 -0.01	20.33 1.10 -0.01
GOWANUS_GT4_8 24137	18.61 0.84 -0.01	17.31 0.78 -0.01	15.37 0.70 -0.01	15.09 0.65 -0.01	15.11 0.68 -0.01	16.76 0.66 0.00	24.64 1.15 0.00	27.00 1.62 0.00	25.63 1.68 -0.01	23.18 1.58 -0.01	22.26 1.32 -0.01	21.77 1.35 -0.01	21.25 1.33 -0.01	21.76 1.29 -0.01	22.45 1.37 -0.01	23.54 1.60 -0.01	30.78 1.90 -3.83	31.21 2.18 -0.01	31.21 2.12 -0.01	29.56 1.84 -2.16	26.93 1.64 -2.24	23.26 1.53 -0.20	21.48 1.37 -0.01	20.33 1.10 -0.01
GREENBSH_115KV_TB3 55895	18.05 0.28 0.00	16.84 0.31 0.00	14.97 0.31 0.00	14.72 0.29 0.00	14.74 0.32 0.00	16.44 0.34 0.00	23.95 0.47 0.00	26.01 0.63 0.00	24.52 0.57 0.00	22.07 0.48 0.00	21.27 0.33 0.00	20.76 0.35 0.00	20.28 0.38 0.00	20.76 0.31 0.00	21.43 0.36 0.00	22.50 0.57 0.00	25.72 0.68 0.00	29.84 0.81 0.00	29.89 0.81 0.00	29.01 0.74 -2.71	26.52 0.65 -2.82	22.38 0.60 -0.25	20.55 0.44 0.00	19.58 0.35 0.00
GREENDGE_115KV_TB5 80291	18.30 0.53 0.00	17.02 0.50 0.00	15.04 0.38 0.00	14.88 0.45 0.00	14.83 0.40 0.00	16.61 0.52 0.00	24.19 0.70 0.00	25.79 0.41 0.00	24.35 0.41 0.00	21.96 0.37 0.00	21.35 0.42 0.00	20.72 0.31 0.00	20.16 0.26 0.00	20.95 0.49 0.00	21.45 0.38 0.00	22.39 0.46 0.00	25.64 0.60 0.00	29.72 0.70 0.00	29.69 0.61 0.00	26.39 0.38 -0.45	23.89 0.37 -0.47	21.87 0.30 -0.04	20.33 0.22 0.00	19.63 0.40 0.00
GREENIDGE___3 23582	18.30 0.53 0.00	17.02 0.50 0.00	15.04 0.38 0.00	14.88 0.45 0.00	14.83 0.40 0.00	16.61 0.52 0.00	24.19 0.70 0.00	25.79 0.41 0.00	24.35 0.41 0.00	21.96 0.37 0.00	21.35 0.42 0.00	20.72 0.31 0.00	20.16 0.26 0.00	20.95 0.49 0.00	21.45 0.38 0.00	22.39 0.46 0.00	25.64 0.60 0.00	29.72 0.70 0.00	29.69 0.61 0.00	26.39 0.38 -0.45	23.89 0.37 -0.47	21.87 0.30 -0.04	20.33 0.22 0.00	19.63 0.40 0.00
GREENIDGE___4 23583	18.30 0.53 0.00	17.02 0.50 0.00	15.08 0.43 0.00	14.88 0.45 0.00	14.83 0.40 0.00	16.61 0.52 0.00	24.19 0.70 0.00	25.78 0.40 0.00	24.35 0.41 0.00	21.96 0.37 0.00	21.21 0.27 0.00	20.68 0.26 0.00	20.16 0.26 0.00	20.72 0.27 0.00	21.43 0.36 0.00	22.39 0.46 0.00	25.64 0.60 0.00	29.72 0.70 0.00	29.69 0.61 0.00	26.36 0.38 -0.42	23.85 0.37 -0.43	21.87 0.30 -0.04	20.35 0.24 0.00	19.63 0.40 0.00
GREENLWN_69_KV_BK 3 55738	19.05 1.28 0.00	17.66 1.14 0.00	15.57 0.91 0.00	15.29 0.85 0.00	15.36 0.94 0.00	17.16 1.06 0.00	25.13 1.64 0.00	27.74 2.36 -0.01	26.27 2.27 -0.05	23.72 2.12 -0.01	24.69 1.70 -2.06	24.91 1.80 -2.70	22.94 1.75 -1.29	25.03 1.66 -2.92	25.43 1.81 -2.55	27.65 2.06 -3.66	29.56 2.35 -2.16	32.18 2.70 -0.45	32.00 2.62 -0.30	31.65 2.27 -3.82	30.86 2.14 -5.67	27.78 2.02 -4.23	21.96 1.83 -0.02	20.83 1.60 -0.01
GREENWD_138_KV_38B11_REV_LBMP_J 345004	18.61 0.84 -0.01	17.31 0.78 -0.01	15.37 0.70 -0.01	15.09 0.65 -0.01	15.11 0.68 -0.01	16.76 0.66 0.00	24.64 1.15 0.00	27.00 1.62 0.00	25.63 1.68 -0.01	23.18 1.58 -0.01	22.26 1.32 -0.01	21.77 1.35 -0.01	21.25 1.33 -0.01	21.76 1.29 -0.01	22.45 1.37 -0.01	23.54 1.60 -0.01	30.78 1.90 -3.83	31.21 2.18 -0.01	31.21 2.12 -0.01	29.56 1.84 -2.16	26.93 1.64 -2.24	23.26 1.53 -0.20	21.48 1.37 -0.01	20.33 1.10 -0.01
GRISSOM___SOLAR 323813	19.39 1.62 0.00	18.03 1.50 0.00	15.92 1.26 0.00	15.71 1.27 0.00	15.72 1.30 0.00	17.71 1.61 0.00	26.16 2.68 0.00	28.10 2.72 0.00	26.39 2.44 0.00	23.71 2.12 0.00	22.78 1.84 0.00	22.15 1.73 0.00	21.51 1.61 0.00	22.13 1.68 0.00	22.91 1.83 0.00	24.41 2.48 0.00	28.02 2.98 0.00	32.42 3.39 0.00	32.53 3.46 0.00	31.35 2.99 -2.81	28.69 2.72 -2.92	24.30 2.52 -0.25	22.30 2.19 0.00	21.12 1.89 0.00
GROVEVILLE___HYD 323602	18.57 0.80 0.00	17.27 0.74 0.00	15.33 0.67 0.00	15.08 0.65 0.00	15.09 0.66 0.00	16.81 0.71 0.00	24.61 1.13 0.00	26.85 1.47 0.00	25.33 1.39 0.00	22.87 1.27 0.00	21.98 1.05 0.00	21.47 1.06 0.00	20.94 1.03 0.00	21.44 0.98 0.00	22.15 1.07 0.00	23.24 1.32 0.00	26.52 1.48 0.00	30.83 1.80 0.00	30.88 1.80 0.00	29.34 1.61 -2.17	26.72 1.41 -2.26	23.06 1.33 -0.20	21.28 1.17 0.00	20.19 0.96 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	18.00 0.23 0.00	16.74 0.21 0.00	14.79 0.13 0.00	14.61 0.17 0.00	14.57 0.14 0.00	16.31 0.21 0.00	23.81 0.33 0.00	25.53 0.15 0.00	24.09 0.14 0.00	21.70 0.11 0.00	21.06 0.13 0.00	20.47 0.06 0.00	19.96 0.06 0.00	20.66 0.20 0.00	21.20 0.13 0.00	22.06 0.13 0.00	25.27 0.23 0.00	29.26 0.23 0.00	29.25 0.17 0.00	25.95 0.13 -0.26	23.46 0.14 -0.27	21.66 0.11 -0.02	20.21 0.10 0.00	19.42 0.19 0.00
HAMLTNNY_34_KV_TB 80303	17.95 0.18 0.00	16.69 0.17 0.00	14.76 0.10 0.00	14.57 0.13 0.00	14.54 0.12 0.00	16.28 0.18 0.00	23.74 0.26 0.00	25.51 0.13 0.00	24.06 0.12 0.00	21.68 0.09 0.00	21.00 0.06 0.00	20.47 0.06 0.00	19.94 0.04 0.00	20.60 0.14 0.00	21.18 0.11 0.00	22.04 0.11 0.00	25.24 0.20 0.00	29.26 0.23 0.00	29.25 0.17 0.00	25.94 0.10 -0.28	23.48 0.14 -0.29	21.64 0.09 -0.03	20.15 0.04 0.00	19.36 0.13 0.00
HAMPSHIRE___PAPER_HYD 323593	17.72 -0.05 0.00	16.46 -0.07 0.00	14.60 -0.06 0.00	14.41 -0.03 0.00	14.35 -0.07 0.00	16.03 -0.06 0.00	23.34 -0.14 0.00	25.00 -0.38 0.00	23.44 -0.50 0.00	21.08 -0.52 0.00	20.45 -0.48 0.00	19.90 -0.51 0.00	19.41 -0.50 0.00	19.99 -0.47 0.00	20.59 -0.48 0.00	21.36 -0.57 0.00	24.59 -0.45 0.00	28.51 -0.52 0.00	28.73 -0.35 0.00	25.24 -0.38 -0.06	22.70 -0.41 -0.06	21.11 -0.43 -0.01	19.81 -0.30 0.00	18.90 -0.33 0.00
HARDSCRABBLE_WT_PWR 323673	17.95 0.18 0.00	16.69 0.17 0.00	14.78 0.12 0.00	14.55 0.11 0.00	14.51 0.09 0.00	16.21 0.11 0.00	23.67 0.19 0.00	25.38 0.00 0.00	23.94 0.00 0.00	21.60 0.00 0.00	20.96 0.02 0.00	20.43 0.02 0.00	19.92 0.02 0.00	20.48 0.02 0.00	21.07 0.00 0.00	21.91 -0.02 0.00	24.99 -0.05 0.00	28.91 -0.12 0.00	28.87 -0.20 0.00	25.28 -0.28 0.00	22.82 -0.23 0.00	21.40 -0.13 0.00	20.11 0.00 0.00	19.23 0.00 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	18.43 0.66 0.00	17.13 0.61 0.00	15.22 0.56 0.00	14.95 0.52 0.00	14.97 0.55 0.00	16.68 0.58 0.00	24.42 0.94 0.00	26.60 1.22 0.00	25.14 1.20 0.00	22.72 1.12 0.00	21.90 0.96 0.00	21.35 0.94 0.00	20.82 0.92 0.00	21.36 0.90 0.00	22.02 0.95 0.00	23.07 1.14 0.00	26.37 1.33 0.00	30.62 1.60 0.00	30.65 1.57 0.00	28.92 1.38 -1.98	26.33 1.22 -2.06	22.87 1.16 -0.18	21.18 1.07 0.00	20.10 0.87 0.00

HARSNRAD_115KV_TB1 81005	18.25 0.48 0.00	16.97 0.45 0.00	15.04 0.38 0.00	15.00 0.56 0.00	14.90 0.48 0.00	16.60 0.50 0.00	23.67 0.19 0.00	24.62 -0.76 0.00	23.32 -0.62 0.00	21.19 -0.41 0.00	20.77 -0.17 0.00	20.17 -0.24 0.00	19.62 -0.28 0.00	20.46 0.00 0.00	20.80 -0.27 0.00	21.75 -0.18 0.00	24.62 -0.43 0.00	28.48 -0.55 0.00	28.38 -0.70 0.00	25.24 -0.66 -0.35	22.93 -0.48 -0.36	21.02 -0.54 -0.03	19.43 -0.68 0.00	19.23 0.00 0.00
HARZA MOOSE__RIVER 24016	18.14 0.37 0.00	16.87 0.35 0.00	14.91 0.25 0.00	14.72 0.29 0.00	14.68 0.26 0.00	16.44 0.34 0.00	24.03 0.54 0.00	25.79 0.41 0.00	24.26 0.31 0.00	21.77 0.17 0.00	21.12 0.19 0.00	20.53 0.12 0.00	20.02 0.12 0.00	20.70 0.25 0.00	21.26 0.19 0.00	22.13 0.20 0.00	25.42 0.38 0.00	29.46 0.44 0.00	29.63 0.55 0.00	25.95 0.31 -0.09	23.35 0.21 -0.09	21.62 0.09 -0.01	20.17 0.06 0.00	19.27 0.04 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	17.80 0.04 0.00	16.55 0.03 0.00	14.64 -0.01 0.00	14.45 0.01 0.00	14.42 0.00 0.00	16.13 0.03 0.00	23.53 0.05 0.00	25.25 -0.13 0.00	23.82 -0.12 0.00	21.49 -0.11 0.00	20.83 -0.10 0.00	20.29 -0.12 0.00	19.76 -0.14 0.00	20.42 -0.04 0.00	20.99 -0.08 0.00	21.82 -0.11 0.00	24.99 -0.05 0.00	28.91 -0.12 0.00	28.90 -0.17 0.00	25.62 -0.18 -0.24	23.21 -0.09 -0.25	21.44 -0.11 -0.02	19.99 -0.12 0.00	19.21 -0.02 0.00
HELLGATE_13_KV_LD 55870	18.61 0.84 -0.01	17.32 0.79 -0.01	15.40 0.73 -0.01	15.12 0.68 -0.01	15.14 0.71 -0.01	16.79 0.69 0.00	24.64 1.15 0.00	27.00 1.62 0.00	25.58 1.63 -0.01	23.14 1.53 -0.01	22.24 1.30 -0.01	21.73 1.31 -0.01	21.21 1.29 -0.01	21.71 1.25 -0.01	22.41 1.33 -0.01	23.50 1.56 -0.01	30.70 1.83 -3.83	31.13 2.09 -0.01	31.09 2.01 -0.01	29.48 1.76 -2.16	26.88 1.59 -2.24	23.24 1.51 -0.20	21.48 1.37 -0.01	20.37 1.13 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	18.61 0.84 -0.01	17.32 0.79 -0.01	15.40 0.73 -0.01	15.12 0.68 -0.01	15.14 0.71 -0.01	16.79 0.69 0.00	24.64 1.15 0.00	27.00 1.62 0.00	25.58 1.63 -0.01	23.14 1.53 -0.01	22.24 1.30 -0.01	21.73 1.31 -0.01	21.21 1.29 -0.01	21.71 1.25 -0.01	22.41 1.33 -0.01	23.50 1.56 -0.01	30.70 1.83 -3.83	31.13 2.09 -0.01	31.09 2.01 -0.01	29.48 1.76 -2.16	26.88 1.59 -2.24	23.24 1.51 -0.20	21.48 1.37 -0.01	20.37 1.13 -0.01
HEMPSTEAD____ 23647	18.80 1.03 0.00	17.43 0.91 0.00	15.38 0.72 0.00	15.13 0.69 0.00	15.14 0.72 0.00	16.95 0.85 0.00	24.82 1.34 0.00	27.37 1.98 -0.01	25.93 1.94 -0.05	23.44 1.83 -0.01	24.60 1.61 -2.06	24.66 1.55 -2.70	22.68 1.49 -1.28	24.93 1.55 -2.91	25.26 1.64 -2.54	27.40 1.82 -3.66	29.25 2.05 -2.16	31.85 2.38 -0.44	31.70 2.33 -0.29	31.79 2.05 -4.19	30.55 1.84 -5.66	27.49 1.74 -4.22	21.62 1.49 -0.02	20.52 1.29 0.00
HEWLETT__69_KV_BK3 55828	18.99 1.23 0.00	17.63 1.11 0.00	15.55 0.89 0.00	15.27 0.84 0.00	15.32 0.89 0.00	17.11 1.01 0.00	25.08 1.60 0.00	27.59 2.21 0.00	26.15 2.16 -0.05	23.60 2.01 0.00	24.65 1.65 -2.06	24.80 1.69 -2.70	22.86 1.67 -1.28	24.99 1.62 -2.91	25.34 1.73 -2.54	27.54 1.95 -3.66	29.45 2.25 -2.16	32.08 2.61 -0.44	31.96 2.59 -0.29	32.03 2.27 -4.19	30.79 2.07 -5.66	27.69 1.94 -4.22	21.92 1.79 -0.02	20.77 1.54 0.00
HICKLING__1 23621	18.35 0.59 0.00	17.03 0.51 0.00	15.07 0.41 0.00	14.91 0.48 0.00	14.87 0.45 0.00	16.63 0.53 0.00	24.17 0.68 0.00	25.81 0.43 0.00	24.42 0.48 0.00	22.05 0.45 0.00	21.39 0.46 0.00	20.84 0.43 0.00	20.30 0.40 0.00	21.01 0.55 0.00	21.56 0.48 0.00	22.52 0.59 0.00	25.77 0.73 0.00	29.84 0.81 0.00	29.77 0.70 0.00	26.43 0.31 -0.56	23.96 0.32 -0.59	21.97 0.39 -0.05	20.33 0.22 0.00	19.63 0.40 0.00
HICKLING__2 23622	18.35 0.59 0.00	17.03 0.51 0.00	15.07 0.41 0.00	14.91 0.48 0.00	14.87 0.45 0.00	16.63 0.53 0.00	24.17 0.68 0.00	25.81 0.43 0.00	24.42 0.48 0.00	22.05 0.45 0.00	21.39 0.46 0.00	20.84 0.43 0.00	20.30 0.40 0.00	21.01 0.55 0.00	21.56 0.48 0.00	22.52 0.59 0.00	25.77 0.73 0.00	29.84 0.81 0.00	29.77 0.70 0.00	26.43 0.31 -0.56	23.96 0.32 -0.59	21.97 0.39 -0.05	20.33 0.22 0.00	19.63 0.40 0.00
HIGH FALLS__HY 23754	18.51 0.75 0.00	17.18 0.66 0.00	15.25 0.59 0.00	15.03 0.59 0.00	15.00 0.58 0.00	16.71 0.61 0.00	24.49 1.01 0.00	26.67 1.29 0.00	25.17 1.22 0.00	22.72 1.12 0.00	21.88 0.94 0.00	21.33 0.92 0.00	20.66 0.76 0.00	21.15 0.70 0.00	21.88 0.80 0.00	22.87 0.94 0.00	26.17 1.13 0.00	30.42 1.39 0.00	30.47 1.40 0.00	28.91 1.20 -2.15	26.47 1.18 -2.24	22.87 1.14 -0.20	21.20 1.09 0.00	20.10 0.87 0.00
HILLBURN__GT 23639	18.43 0.66 0.00	17.13 0.61 0.00	15.20 0.54 0.00	14.95 0.52 0.00	14.97 0.55 0.00	16.68 0.58 0.00	24.45 0.96 0.00	26.62 1.24 0.00	25.19 1.24 0.00	22.78 1.19 0.00	21.96 1.03 0.00	21.41 1.00 0.00	20.88 0.97 0.00	21.46 1.00 0.00	22.15 1.07 0.00	23.13 1.21 0.00	26.42 1.38 0.00	30.62 1.60 0.00	30.64 1.57 0.00	28.95 1.38 -2.01	26.39 1.24 -2.09	22.88 1.16 -0.18	21.15 1.05 0.00	20.12 0.89 0.00
HILLSIDE_115KV_TB1 80332	18.07 0.30 0.00	16.77 0.25 0.00	14.86 0.21 0.00	14.70 0.26 0.00	14.64 0.22 0.00	16.37 0.27 0.00	23.79 0.31 0.00	25.40 0.03 0.00	24.02 0.07 0.00	21.70 0.11 0.00	21.12 0.19 0.00	20.51 0.10 0.00	19.98 0.08 0.00	20.70 0.25 0.00	21.20 0.13 0.00	22.15 0.22 0.00	25.34 0.30 0.00	29.35 0.32 0.00	29.28 0.20 0.00	26.04 -0.10 -0.58	23.61 -0.05 -0.60	21.65 0.06 -0.05	20.11 0.00 0.00	19.38 0.15 0.00
HISHELDN_WT_PWR 323625	18.34 0.57 0.00	17.02 0.50 0.00	15.19 0.53 0.00	15.00 0.56 0.00	14.91 0.49 0.00	16.63 0.53 0.00	23.91 0.42 0.00	25.13 -0.25 0.00	23.80 -0.14 0.00	21.60 0.00 0.00	20.89 -0.04 0.00	20.45 0.04 0.00	19.98 0.08 0.00	20.36 -0.10 0.00	21.16 0.08 0.00	22.13 0.20 0.00	25.12 0.08 0.00	29.06 0.03 0.00	28.93 -0.14 0.00	25.57 -0.36 -0.37	23.18 -0.25 -0.38	21.33 -0.24 -0.03	19.75 -0.36 0.00	19.38 0.15 0.00
HOLTSVILLE_IC_1 23690	19.10 1.33 0.00	17.71 1.19 0.00	15.57 0.91 0.00	15.30 0.87 0.00	15.32 0.89 0.00	17.21 1.11 0.00	25.18 1.69 0.00	27.95 2.56 -0.01	26.50 2.51 -0.05	23.94 2.33 -0.01	25.00 2.01 -2.06	25.03 1.92 -2.70	23.01 1.83 -1.28	25.27 1.90 -2.91	25.64 2.02 -2.54	27.85 2.26 -3.66	29.80 2.60 -2.16	32.57 3.02 -0.52	32.45 3.00 -0.37	46.40 2.68 -18.16	31.11 2.40 -5.67	28.01 2.26 -4.22	22.04 1.91 -0.02	20.86 1.63 0.00
HOLTSVILLE_IC_10 23699	19.21 1.44 0.00	17.79 1.27 0.00	15.64 0.98 0.00	15.39 0.95 0.00	15.40 0.98 0.00	17.31 1.21 0.00	25.32 1.83 0.00	28.16 2.77 -0.01	26.72 2.73 -0.05	24.13 2.53 -0.01	25.19 2.20 -2.06	25.21 2.10 -2.70	23.17 1.99 -1.28	25.44 2.07 -2.91	25.83 2.21 -2.54	28.06 2.48 -3.66	30.05 2.85 -2.16	32.84 3.31 -0.51	32.72 3.28 -0.36	45.67 2.94 -17.17	31.34 2.63 -5.67	28.21 2.45 -4.22	22.20 2.07 -0.02	20.98 1.75 0.00

HOLTSVILLE_IC_2 23691	19.10 1.33 0.00	17.71 1.19 0.00	15.57 0.91 0.00	15.30 0.87 0.00	15.32 0.89 0.00	17.21 1.11 0.00	25.18 1.69 0.00	27.95 2.56 -0.01	26.50 2.51 -0.05	23.94 2.33 -0.01	25.00 2.01 -2.06	25.03 1.92 -2.70	23.01 1.83 -1.28	25.27 1.90 -2.91	25.64 2.02 -2.54	27.85 2.26 -3.66	29.80 2.60 -2.16	32.57 3.02 -0.52	32.45 3.00 -0.37	46.40 2.68 -18.16	31.11 2.40 -5.67	28.01 2.26 -4.22	22.04 1.91 -0.02	20.86 1.63 0.00
HOLTSVILLE_IC_3 23692	19.10 1.33 0.00	17.71 1.19 0.00	15.57 0.91 0.00	15.30 0.87 0.00	15.32 0.89 0.00	17.21 1.11 0.00	25.18 1.69 0.00	27.95 2.56 -0.01	26.50 2.51 -0.05	23.94 2.33 -0.01	25.00 2.01 -2.06	25.03 1.92 -2.70	23.01 1.83 -1.28	25.27 1.90 -2.91	25.64 2.02 -2.54	27.85 2.26 -3.66	29.80 2.60 -2.16	32.57 3.02 -0.52	32.45 3.00 -0.37	46.40 2.68 -18.16	31.11 2.40 -5.67	28.01 2.26 -4.22	22.04 1.91 -0.02	20.86 1.63 0.00
HOLTSVILLE_IC_4 23693	19.10 1.33 0.00	17.71 1.19 0.00	15.57 0.91 0.00	15.30 0.87 0.00	15.32 0.89 0.00	17.21 1.11 0.00	25.18 1.69 0.00	27.95 2.56 -0.01	26.50 2.51 -0.05	23.94 2.33 -0.01	25.00 2.01 -2.06	25.03 1.92 -2.70	23.01 1.83 -1.28	25.27 1.90 -2.91	25.64 2.02 -2.54	27.85 2.26 -3.66	29.80 2.60 -2.16	32.57 3.02 -0.52	32.45 3.00 -0.37	46.40 2.68 -18.16	31.11 2.40 -5.67	28.01 2.26 -4.22	22.04 1.91 -0.02	20.86 1.63 0.00
HOLTSVILLE_IC_5 23694	19.10 1.33 0.00	17.71 1.19 0.00	15.57 0.91 0.00	15.30 0.87 0.00	15.32 0.89 0.00	17.21 1.11 0.00	25.18 1.69 0.00	27.95 2.56 -0.01	26.50 2.51 -0.05	23.94 2.33 -0.01	25.00 2.01 -2.06	25.03 1.92 -2.70	23.01 1.83 -1.28	25.27 1.90 -2.91	25.64 2.02 -2.54	27.85 2.26 -3.66	29.80 2.60 -2.16	32.57 3.02 -0.52	32.45 3.00 -0.37	46.40 2.68 -18.16	31.11 2.40 -5.67	28.01 2.26 -4.22	22.04 1.91 -0.02	20.86 1.63 0.00
HOLTSVILLE_IC_6 23695	19.21 1.44 0.00	17.79 1.27 0.00	15.64 0.98 0.00	15.39 0.95 0.00	15.40 0.98 0.00	17.31 1.21 0.00	25.32 1.83 0.00	28.16 2.77 -0.01	26.72 2.73 -0.05	24.13 2.53 -0.01	25.19 2.20 -2.06	25.21 2.10 -2.70	23.17 1.99 -1.28	25.44 2.07 -2.91	25.83 2.21 -2.54	28.06 2.48 -3.66	30.05 2.85 -2.16	32.84 3.31 -0.51	32.72 3.28 -0.36	45.67 2.94 -17.17	31.34 2.63 -5.67	28.21 2.45 -4.22	22.20 2.07 -0.02	20.98 1.75 0.00
HOLTSVILLE_IC_7 23696	19.21 1.44 0.00	17.79 1.27 0.00	15.64 0.98 0.00	15.39 0.95 0.00	15.40 0.98 0.00	17.31 1.21 0.00	25.32 1.83 0.00	28.16 2.77 -0.01	26.72 2.73 -0.05	24.13 2.53 -0.01	25.19 2.20 -2.06	25.21 2.10 -2.70	23.17 1.99 -1.28	25.44 2.07 -2.91	25.83 2.21 -2.54	28.06 2.48 -3.66	30.05 2.85 -2.16	32.84 3.31 -0.51	32.72 3.28 -0.36	45.67 2.94 -17.17	31.34 2.63 -5.67	28.21 2.45 -4.22	22.20 2.07 -0.02	20.98 1.75 0.00
HOLTSVILLE_IC_8 23697	19.21 1.44 0.00	17.79 1.27 0.00	15.64 0.98 0.00	15.39 0.95 0.00	15.40 0.98 0.00	17.31 1.21 0.00	25.32 1.83 0.00	28.16 2.77 -0.01	26.72 2.73 -0.05	24.13 2.53 -0.01	25.19 2.20 -2.06	25.21 2.10 -2.70	23.17 1.99 -1.28	25.44 2.07 -2.91	25.83 2.21 -2.54	28.06 2.48 -3.66	30.05 2.85 -2.16	32.84 3.31 -0.51	32.72 3.28 -0.36	45.67 2.94 -17.17	31.34 2.63 -5.67	28.21 2.45 -4.22	22.20 2.07 -0.02	20.98 1.75 0.00
HOLTSVILLE_IC_9 23698	19.21 1.44 0.00	17.79 1.27 0.00	15.64 0.98 0.00	15.39 0.95 0.00	15.40 0.98 0.00	17.31 1.21 0.00	25.32 1.83 0.00	28.16 2.77 -0.01	26.72 2.73 -0.05	24.13 2.53 -0.01	25.19 2.20 -2.06	25.21 2.10 -2.70	23.17 1.99 -1.28	25.44 2.07 -2.91	25.83 2.21 -2.54	28.06 2.48 -3.66	30.05 2.85 -2.16	32.84 3.31 -0.51	32.72 3.28 -0.36	45.67 2.94 -17.17	31.34 2.63 -5.67	28.21 2.45 -4.22	22.20 2.07 -0.02	20.98 1.75 0.00
HOMER_HL_115KV_TB2 355744	18.27 0.50 0.00	16.95 0.43 0.00	15.03 0.37 0.00	14.93 0.49 0.00	14.84 0.42 0.00	16.57 0.47 0.00	23.91 0.42 0.00	25.35 -0.03 0.00	24.04 0.10 0.00	21.83 0.24 0.00	21.37 0.44 0.00	20.74 0.33 0.00	20.22 0.32 0.00	20.99 0.53 0.00	21.41 0.34 0.00	22.39 0.46 0.00	25.39 0.35 0.00	29.32 0.29 0.00	29.19 0.12 0.00	25.10 -0.87 -0.41	22.79 -0.69 -0.43	21.44 -0.13 -0.04	19.89 -0.22 0.00	19.35 0.12 0.00
HOWARD_WT_PWR 323690	18.67 0.91 0.00	17.35 0.83 0.00	15.39 0.73 0.00	15.21 0.78 0.00	15.14 0.72 0.00	16.93 0.84 0.00	24.54 1.06 0.00	26.01 0.63 0.00	24.64 0.69 0.00	22.24 0.65 0.00	21.48 0.54 0.00	20.96 0.55 0.00	20.46 0.56 0.00	20.95 0.49 0.00	21.75 0.67 0.00	22.74 0.81 0.00	25.97 0.93 0.00	30.04 1.02 0.00	29.92 0.84 0.00	26.40 0.41 -0.44	23.92 0.42 -0.46	21.98 0.41 -0.04	20.39 0.28 0.00	19.79 0.56 0.00
HQ_GEN_CEDARS 23644	17.54 -0.23 0.00	16.27 -0.25 0.00	14.50 -0.16 0.00	14.26 -0.17 0.00	14.25 -0.17 0.00	15.84 -0.26 0.00	23.04 -0.45 0.00	24.85 -0.53 0.00	23.39 -0.55 0.00	21.10 -0.50 0.00	20.58 -0.36 0.00	20.00 -0.41 0.00	19.46 -0.44 0.00	20.05 -0.41 0.00	20.63 -0.44 0.00	21.38 -0.55 0.00	24.47 -0.58 0.00	28.30 -0.73 0.00	28.49 -0.58 0.00	25.10 -0.46 0.00	22.59 -0.46 0.00	21.14 -0.39 0.00	19.89 -0.22 0.00	18.96 -0.27 0.00
HQ_GEN_CEDARS_PROXY 323590	17.54 -0.23 0.00	16.27 -0.25 0.00	14.50 -0.16 0.00	14.26 -0.17 0.00	14.25 -0.17 0.00	15.84 -0.26 0.00	23.04 -0.45 0.00	24.85 -0.53 0.00	23.39 -0.55 0.00	21.08 -0.52 0.00	20.56 -0.38 0.00	20.00 -0.41 0.00	19.46 -0.44 0.00	20.03 -0.43 0.00	20.63 -0.44 0.00	21.38 -0.55 0.00	24.47 -0.57 0.00	28.30 -0.72 0.00	28.49 -0.58 0.00	25.10 -0.46 0.00	22.59 -0.46 0.00	21.12 -0.41 0.00	19.87 -0.24 0.00	18.96 -0.27 0.00
HQ_GEN_IMPORT 323601	17.54 -0.23 0.00	16.29 -0.23 0.00	14.47 -0.19 0.00	14.25 -0.19 0.00	14.23 -0.19 0.00	15.87 -0.23 0.00	23.13 -0.35 0.00	25.00 -0.38 0.00	23.59 -0.36 0.00	21.25 -0.35 0.00	20.70 -0.23 0.00	20.17 -0.24 0.00	19.66 -0.24 0.00	20.21 -0.24 0.00	20.82 -0.25 0.00	21.58 -0.35 0.00	24.64 -0.40 0.00	28.56 -0.47 0.00	28.67 -0.41 0.00	25.23 -0.33 0.00	22.73 -0.32 0.00	21.25 -0.28 0.00	19.91 -0.20 0.00	19.02 -0.21 0.00
HQ_GEN_WHEEL 23651	17.54 -0.23 0.00	16.29 -0.23 0.00	14.47 -0.19 0.00	14.25 -0.19 0.00	14.23 -0.19 0.00	15.87 -0.23 0.00	23.13 -0.35 0.00	25.00 -0.38 0.00	23.59 -0.36 0.00	21.25 -0.35 0.00	20.70 -0.23 0.00	20.17 -0.24 0.00	19.66 -0.24 0.00	20.21 -0.24 0.00	20.82 -0.25 0.00	21.58 -0.35 0.00	24.64 -0.40 0.00	28.56 -0.47 0.00	28.67 -0.41 0.00	25.23 -0.33 0.00	22.73 -0.32 0.00	21.25 -0.28 0.00	19.91 -0.20 0.00	19.02 -0.21 0.00
HUDSON_AVE_GT_3 23810	18.50 0.73 0.00	17.23 0.71 0.00	15.30 0.65 0.00	15.03 0.59 0.00	15.04 0.62 0.00	16.76 0.66 0.00	24.59 1.10 0.00	26.93 1.55 0.00	25.50 1.56 0.00	23.06 1.47 0.00	22.17 1.24 0.00	21.66 1.25 0.00	21.14 1.23 0.00	21.64 1.19 0.00	22.34 1.26 0.00	23.42 1.49 0.00	26.79 1.75 0.00	31.00 1.97 0.00	30.97 1.89 0.00	29.37 1.66 -2.15	26.78 1.50 -2.23	23.15 1.42 -0.20	21.40 1.29 0.00	20.25 1.02 0.00

HUDSON AVE_GT_4 23540	18.50 0.73 0.00	17.23 0.71 0.00	15.30 0.65 0.00	15.03 0.59 0.00	15.04 0.62 0.00	16.76 0.66 0.00	24.59 1.10 0.00	26.93 1.55 0.00	25.50 1.56 0.00	23.06 1.47 0.00	22.17 1.24 0.00	21.66 1.25 0.00	21.14 1.23 0.00	21.64 1.19 0.00	22.34 1.26 0.00	23.42 1.49 0.00	26.79 1.75 0.00	31.00 1.97 0.00	30.97 1.89 0.00	29.37 1.66 -2.15	26.78 1.50 -2.23	23.15 1.42 -0.20	21.40 1.29 0.00	20.25 1.02 0.00
HUDSON AVE_GT_5 23657	18.50 0.73 0.00	17.23 0.71 0.00	15.30 0.65 0.00	15.03 0.59 0.00	15.04 0.62 0.00	16.76 0.66 0.00	24.59 1.10 0.00	26.93 1.55 0.00	25.50 1.56 0.00	23.06 1.47 0.00	22.17 1.24 0.00	21.66 1.25 0.00	21.14 1.23 0.00	21.64 1.19 0.00	22.34 1.26 0.00	23.42 1.49 0.00	26.79 1.75 0.00	31.00 1.97 0.00	30.97 1.89 0.00	29.37 1.66 -2.15	26.78 1.50 -2.23	23.15 1.42 -0.20	21.40 1.29 0.00	20.25 1.02 0.00
HUDSON_AVE_10 24168	18.46 0.69 0.00	17.18 0.66 0.00	15.27 0.62 0.00	14.98 0.55 0.00	15.00 0.58 0.00	16.73 0.63 0.00	24.54 1.06 0.00	26.88 1.50 0.00	25.48 1.53 0.00	23.04 1.45 0.00	22.11 1.17 0.00	21.60 1.18 0.00	21.08 1.17 0.00	21.58 1.13 0.00	22.28 1.20 0.00	23.35 1.43 0.00	26.74 1.70 0.00	30.91 1.89 0.00	30.88 1.80 0.00	29.32 1.61 -2.15	26.74 1.45 -2.23	23.10 1.38 -0.20	21.38 1.27 0.00	20.21 0.98 0.00
HUDSON___115KV_TB 4 355613	18.39 0.62 0.00	17.13 0.61 0.00	15.22 0.56 0.00	14.98 0.55 0.00	15.00 0.58 0.00	16.74 0.64 0.00	24.42 0.94 0.00	26.52 1.14 0.00	24.90 0.96 0.00	22.40 0.80 0.00	21.54 0.61 0.00	21.02 0.61 0.00	20.52 0.62 0.00	21.03 0.57 0.00	21.73 0.65 0.00	22.87 0.94 0.00	26.19 1.15 0.00	30.42 1.39 0.00	30.53 1.45 0.00	29.40 1.20 -2.64	26.82 1.01 -2.75	22.80 1.03 -0.24	20.91 0.80 0.00	19.90 0.67 0.00
HUNTER MOUNT___DRP 323613	18.48 0.71 0.00	17.22 0.69 0.00	15.29 0.63 0.00	15.08 0.65 0.00	15.09 0.66 0.00	16.82 0.72 0.00	24.57 1.08 0.00	26.65 1.27 0.00	24.97 1.03 0.00	22.44 0.84 0.00	21.54 0.61 0.00	21.04 0.63 0.00	20.54 0.64 0.00	21.03 0.57 0.00	21.75 0.67 0.00	22.94 1.01 0.00	26.27 1.23 0.00	30.54 1.51 0.00	30.67 1.60 0.00	29.43 1.30 -2.57	26.78 1.06 -2.67	22.90 1.14 -0.23	20.99 0.88 0.00	19.98 0.75 0.00
HUNTINGTON_RES_REC 323705	19.12 1.35 0.00	17.71 1.19 0.00	15.58 0.92 0.00	15.32 0.88 0.00	15.33 0.91 0.00	17.21 1.11 0.00	25.20 1.71 0.00	27.98 2.59 -0.01	26.51 2.51 -0.05	23.96 2.35 -0.01	25.07 2.07 -2.06	25.09 1.98 -2.70	23.10 1.91 -1.28	25.34 1.96 -2.92	25.71 2.09 -2.54	27.89 2.30 -3.66	29.85 2.65 -2.16	32.54 3.05 -0.47	32.39 3.00 -0.32	30.21 2.63 -2.02	31.13 2.42 -5.67	28.04 2.28 -4.22	22.02 1.89 -0.02	20.89 1.65 0.00
HUNTLEY___63 23557	18.34 0.57 0.00	17.03 0.51 0.00	15.10 0.44 0.00	15.03 0.59 0.00	14.91 0.49 0.00	16.65 0.55 0.00	23.81 0.33 0.00	24.82 -0.56 0.00	23.54 -0.41 0.00	21.38 -0.22 0.00	20.98 0.04 0.00	20.35 -0.06 0.00	19.82 -0.08 0.00	20.64 0.18 0.00	20.97 -0.11 0.00	21.93 0.00 0.00	24.84 -0.20 0.00	28.71 -0.32 0.00	28.58 -0.49 0.00	25.43 -0.49 -0.36	23.05 -0.37 -0.37	21.18 -0.39 -0.03	19.55 -0.56 0.00	19.36 0.13 0.00
HUNTLEY___64 23558	18.34 0.57 0.00	17.03 0.51 0.00	15.10 0.44 0.00	15.03 0.59 0.00	14.91 0.49 0.00	16.65 0.55 0.00	23.81 0.33 0.00	24.82 -0.56 0.00	23.54 -0.41 0.00	21.38 -0.22 0.00	20.98 0.04 0.00	20.35 -0.06 0.00	19.82 -0.08 0.00	20.64 0.18 0.00	20.97 -0.11 0.00	21.93 0.00 0.00	24.84 -0.20 0.00	28.71 -0.32 0.00	28.58 -0.49 0.00	25.43 -0.49 -0.36	23.05 -0.37 -0.37	21.18 -0.39 -0.03	19.55 -0.56 0.00	19.36 0.13 0.00
HUNTLEY___65 23559	18.34 0.57 0.00	17.03 0.51 0.00	15.10 0.44 0.00	15.03 0.59 0.00	14.91 0.49 0.00	16.65 0.55 0.00	23.81 0.33 0.00	24.82 -0.56 0.00	23.54 -0.41 0.00	21.38 -0.22 0.00	20.98 0.04 0.00	20.35 -0.06 0.00	19.82 -0.08 0.00	20.64 0.18 0.00	20.97 -0.11 0.00	21.93 0.00 0.00	24.84 -0.20 0.00	28.71 -0.32 0.00	28.58 -0.49 0.00	25.43 -0.49 -0.36	23.05 -0.37 -0.37	21.18 -0.39 -0.03	19.55 -0.56 0.00	19.36 0.13 0.00
HUNTLEY___66 23560	18.34 0.57 0.00	17.03 0.51 0.00	15.10 0.44 0.00	15.03 0.59 0.00	14.91 0.49 0.00	16.65 0.55 0.00	23.81 0.33 0.00	24.82 -0.56 0.00	23.54 -0.41 0.00	21.38 -0.22 0.00	20.98 0.04 0.00	20.35 -0.06 0.00	19.82 -0.08 0.00	20.64 0.18 0.00	20.97 -0.11 0.00	21.93 0.00 0.00	24.84 -0.20 0.00	28.71 -0.32 0.00	28.58 -0.49 0.00	25.43 -0.49 -0.36	23.05 -0.37 -0.37	21.18 -0.39 -0.03	19.55 -0.56 0.00	19.36 0.13 0.00
HUNTLEY___67 23561	18.23 0.46 0.00	16.93 0.41 0.00	15.01 0.35 0.00	14.94 0.51 0.00	14.84 0.42 0.00	16.55 0.45 0.00	23.72 0.23 0.00	24.77 -0.61 0.00	23.49 -0.45 0.00	21.34 -0.26 0.00	20.89 -0.04 0.00	20.29 -0.12 0.00	19.76 -0.14 0.00	20.54 0.08 0.00	20.91 -0.17 0.00	21.86 -0.07 0.00	24.74 -0.30 0.00	28.59 -0.44 0.00	28.49 -0.58 0.00	25.28 -0.64 -0.36	22.97 -0.46 -0.38	21.09 -0.47 -0.03	19.51 -0.60 0.00	19.29 0.06 0.00
HUNTLEY___68 23562	18.23 0.46 0.00	16.93 0.41 0.00	15.01 0.35 0.00	14.94 0.51 0.00	14.84 0.42 0.00	16.55 0.45 0.00	23.72 0.23 0.00	24.77 -0.61 0.00	23.49 -0.45 0.00	21.34 -0.26 0.00	20.89 -0.04 0.00	20.29 -0.12 0.00	19.76 -0.14 0.00	20.54 0.08 0.00	20.91 -0.17 0.00	21.86 -0.07 0.00	24.74 -0.30 0.00	28.59 -0.44 0.00	28.49 -0.58 0.00	25.28 -0.64 -0.36	22.97 -0.46 -0.38	21.09 -0.47 -0.03	19.51 -0.60 0.00	19.29 0.06 0.00
HYLAND___LFGE 323620	19.03 1.26 0.00	17.71 1.19 0.00	15.70 1.04 0.00	15.53 1.10 0.00	15.40 0.98 0.00	17.29 1.19 0.00	25.03 1.55 0.00	26.75 1.37 0.00	25.14 1.20 0.00	22.52 0.93 0.00	21.65 0.71 0.00	21.07 0.65 0.00	20.54 0.64 0.00	21.01 0.55 0.00	21.85 0.78 0.00	22.94 1.01 0.00	26.29 1.25 0.00	30.77 1.74 0.00	30.88 1.80 0.00	27.45 1.53 -0.36	24.92 1.50 -0.38	22.79 1.23 -0.03	20.95 0.84 0.00	20.29 1.06 0.00
INDECK___CORINTH 23802	18.92 1.15 0.00	17.58 1.06 0.00	15.57 0.91 0.00	15.35 0.91 0.00	15.36 0.94 0.00	17.21 1.11 0.00	25.27 1.78 0.00	27.41 2.03 0.00	25.79 1.84 0.00	23.24 1.64 0.00	22.40 1.46 0.00	21.80 1.39 0.00	21.27 1.37 0.00	21.87 1.41 0.00	22.55 1.47 0.00	23.82 1.89 0.00	27.02 1.98 0.00	31.23 2.20 0.00	31.20 2.12 0.00	30.21 1.86 -2.79	27.84 1.89 -2.90	23.48 1.70 -0.25	21.58 1.47 0.00	20.54 1.31 0.00
INDECK___ILION 23567	17.93 0.16 0.00	16.67 0.15 0.00	14.78 0.12 0.00	14.55 0.12 0.00	14.52 0.10 0.00	16.23 0.13 0.00	23.70 0.21 0.00	25.51 0.13 0.00	24.06 0.12 0.00	21.68 0.09 0.00	21.06 0.13 0.00	20.49 0.08 0.00	19.98 0.08 0.00	20.60 0.14 0.00	21.16 0.08 0.00	22.02 0.09 0.00	25.12 0.08 0.00	29.11 0.09 0.00	29.13 0.06 0.00	25.56 0.00 0.00	23.05 0.00 0.00	21.55 0.02 0.00	20.17 0.06 0.00	19.29 0.06 0.00

INDECK___OLEAN 23982	18.27 0.50 0.00	16.95 0.43 0.00	15.11 0.45 0.00	14.93 0.49 0.00	14.85 0.43 0.00	16.58 0.48 0.00	23.91 0.42 0.00	25.35 -0.03 0.00	24.04 0.10 0.00	21.86 0.26 0.00	21.19 0.25 0.00	20.70 0.29 0.00	20.22 0.32 0.00	20.60 0.14 0.00	21.43 0.36 0.00	22.39 0.46 0.00	25.39 0.35 0.00	29.32 0.29 0.00	29.19 0.12 0.00	25.07 -0.87 -0.38	22.75 -0.69 -0.39	21.33 -0.24 -0.03	19.91 -0.20 0.00	19.35 0.12 0.00
INDECK___OSWEGO 23783	18.23 0.46 0.00	16.95 0.43 0.00	14.98 0.32 0.00	14.78 0.35 0.00	14.74 0.32 0.00	16.52 0.42 0.00	24.17 0.68 0.00	25.89 0.51 0.00	24.42 0.48 0.00	21.99 0.39 0.00	21.23 0.29 0.00	20.70 0.29 0.00	20.18 0.28 0.00	20.80 0.35 0.00	21.41 0.34 0.00	22.32 0.40 0.00	25.62 0.58 0.00	29.69 0.67 0.00	29.69 0.61 0.00	26.23 0.48 -0.18	23.70 0.46 -0.19	21.96 0.41 -0.02	20.47 0.36 0.00	19.61 0.38 0.00
INDECK___YERKES 23781	18.34 0.57 0.00	17.05 0.53 0.00	15.22 0.56 0.00	15.04 0.61 0.00	14.94 0.52 0.00	16.65 0.55 0.00	23.84 0.35 0.00	24.85 -0.53 0.00	23.56 -0.38 0.00	21.40 -0.19 0.00	20.70 -0.23 0.00	20.29 -0.12 0.00	19.84 -0.06 0.00	20.15 -0.31 0.00	20.97 -0.10 0.00	21.95 0.02 0.00	24.87 -0.17 0.00	28.74 -0.29 0.00	28.61 -0.47 0.00	25.39 -0.49 -0.32	23.04 -0.35 -0.33	21.19 -0.37 -0.03	19.61 -0.50 0.00	19.37 0.14 0.00
INDIAN POINT_GT_1 24139	18.43 0.66 0.00	17.15 0.63 0.00	15.23 0.57 0.00	14.95 0.52 0.00	14.97 0.55 0.00	16.69 0.60 0.00	24.47 0.99 0.00	26.72 1.35 0.00	25.29 1.34 0.00	22.83 1.23 0.00	21.98 1.05 0.00	21.47 1.06 0.00	20.94 1.03 0.00	21.44 0.98 0.00	22.13 1.05 0.00	23.22 1.29 0.00	26.52 1.48 0.00	30.77 1.74 0.00	30.79 1.72 0.00	29.16 1.48 -2.12	26.61 1.36 -2.20	22.99 1.27 -0.19	21.22 1.11 0.00	20.11 0.88 0.00
INDIAN POINT_GT_2 23659	18.43 0.66 0.00	17.15 0.63 0.00	15.23 0.57 0.00	14.95 0.52 0.00	14.97 0.55 0.00	16.69 0.60 0.00	24.47 0.99 0.00	26.72 1.35 0.00	25.29 1.34 0.00	22.83 1.23 0.00	21.98 1.05 0.00	21.47 1.06 0.00	20.94 1.03 0.00	21.44 0.98 0.00	22.13 1.05 0.00	23.22 1.29 0.00	26.52 1.48 0.00	30.77 1.74 0.00	30.79 1.72 0.00	29.16 1.48 -2.12	26.61 1.36 -2.20	22.99 1.27 -0.19	21.22 1.11 0.00	20.11 0.88 0.00
INDIAN POINT_GT_3 24019	18.43 0.66 0.00	17.15 0.63 0.00	15.23 0.57 0.00	14.95 0.52 0.00	14.97 0.55 0.00	16.69 0.60 0.00	24.47 0.99 0.00	26.72 1.35 0.00	25.29 1.34 0.00	22.83 1.23 0.00	21.98 1.05 0.00	21.47 1.06 0.00	20.94 1.03 0.00	21.44 0.98 0.00	22.13 1.05 0.00	23.22 1.29 0.00	26.52 1.48 0.00	30.77 1.74 0.00	30.79 1.72 0.00	29.16 1.48 -2.12	26.61 1.36 -2.20	22.99 1.27 -0.19	21.22 1.11 0.00	20.11 0.88 0.00
INDIAN POINT___2 23530	18.41 0.64 0.00	17.13 0.61 0.00	15.19 0.53 0.00	14.94 0.50 0.00	14.96 0.53 0.00	16.68 0.58 0.00	24.45 0.96 0.00	26.70 1.32 0.00	25.26 1.32 0.00	22.85 1.25 0.00	22.02 1.09 0.00	21.47 1.06 0.00	20.94 1.03 0.00	21.52 1.06 0.00	22.19 1.12 0.00	23.20 1.27 0.00	26.49 1.45 0.00	30.74 1.71 0.00	30.73 1.66 0.00	29.09 1.46 -2.08	26.53 1.31 -2.16	22.97 1.25 -0.19	21.13 1.03 0.00	20.10 0.87 0.00
INDIAN POINT___3 23531	18.43 0.66 0.00	17.15 0.63 0.00	15.23 0.57 0.00	14.95 0.52 0.00	14.97 0.55 0.00	16.69 0.60 0.00	24.45 0.96 0.00	26.70 1.32 0.00	25.26 1.32 0.00	22.83 1.23 0.00	21.96 1.03 0.00	21.45 1.04 0.00	20.94 1.03 0.00	21.44 0.98 0.00	22.13 1.05 0.00	23.20 1.27 0.00	26.49 1.45 0.00	30.74 1.71 0.00	30.76 1.69 0.00	29.13 1.46 -2.12	26.59 1.34 -2.21	22.97 1.25 -0.19	21.22 1.11 0.00	20.11 0.88 0.00
INGHAM_C_115KV_TB7 356103	17.95 0.18 0.00	16.69 0.17 0.00	14.78 0.12 0.00	14.55 0.12 0.00	14.52 0.10 0.00	16.23 0.13 0.00	23.70 0.21 0.00	25.38 0.00 0.00	23.94 0.00 0.00	21.57 -0.02 0.00	21.06 0.13 0.00	20.41 0.00 0.00	19.90 0.00 0.00	20.58 0.12 0.00	21.07 0.00 0.00	21.91 -0.02 0.00	24.99 -0.05 0.00	28.91 -0.12 0.00	28.90 -0.17 0.00	25.33 -0.23 0.00	22.87 -0.18 0.00	21.42 -0.11 0.00	20.13 0.02 0.00	19.27 0.04 0.00
IP CORINTH___1 23988	18.92 1.15 0.00	17.58 1.06 0.00	15.58 0.92 0.00	15.34 0.91 0.00	15.36 0.94 0.00	17.21 1.11 0.00	25.27 1.78 0.00	27.41 2.03 0.00	25.79 1.84 0.00	23.22 1.62 0.00	22.36 1.42 0.00	21.80 1.39 0.00	21.28 1.37 0.00	21.81 1.35 0.00	22.51 1.43 0.00	23.79 1.86 0.00	27.02 1.98 0.00	31.23 2.21 0.00	31.20 2.12 0.00	30.22 1.87 -2.79	27.85 1.89 -2.91	23.49 1.70 -0.25	21.62 1.51 0.00	20.54 1.31 0.00
IP___TICONDEROGA 23804	19.69 1.92 0.00	18.26 1.73 0.00	16.15 1.50 0.00	15.92 1.49 0.00	15.95 1.53 0.00	17.93 1.84 0.00	26.44 2.96 0.00	28.60 3.22 0.00	26.87 2.92 0.00	24.19 2.59 0.00	23.28 2.34 0.00	22.66 2.25 0.00	22.09 2.19 0.00	22.69 2.23 0.00	23.41 2.34 0.00	24.98 3.05 0.00	28.42 3.38 0.00	32.77 3.74 0.00	32.77 3.69 0.00	31.54 3.19 -2.79	29.04 3.09 -2.90	24.52 2.73 -0.25	22.50 2.39 0.00	21.33 2.10 0.00
ISLIP_RES_REC 323679	19.30 1.53 0.00	17.88 1.36 0.00	15.70 1.04 0.00	15.45 1.01 0.00	15.46 1.04 0.00	17.37 1.27 0.00	25.41 1.93 0.00	28.28 2.89 -0.01	26.86 2.87 -0.05	24.26 2.66 -0.01	25.32 2.32 -2.06	25.34 2.23 -2.70	23.29 2.11 -1.28	25.56 2.19 -2.91	25.96 2.34 -2.54	28.19 2.61 -3.66	30.20 3.00 -2.16	33.04 3.51 -0.50	32.92 3.49 -0.35	44.76 3.12 -16.08	31.48 2.76 -5.67	28.33 2.58 -4.22	22.30 2.17 -0.02	21.08 1.85 0.00
JAMAICA___27_KV_LOAD 355505	18.53 0.76 0.00	17.25 0.73 0.00	15.32 0.66 0.00	15.03 0.59 0.00	15.04 0.62 0.00	16.81 0.71 0.00	24.71 1.22 0.00	27.08 1.70 0.00	25.69 1.75 0.00	23.24 1.64 0.00	22.19 1.26 0.00	21.70 1.29 0.00	21.18 1.27 0.00	21.68 1.23 0.00	22.40 1.33 0.00	23.49 1.56 0.00	26.92 1.88 0.00	31.06 2.03 0.00	31.02 1.95 0.00	29.49 1.79 -2.15	26.90 1.61 -2.23	23.21 1.49 -0.20	21.54 1.43 0.00	20.35 1.12 0.00
JANIS___SOLAR 323808	18.82 1.05 0.00	17.51 0.99 0.00	15.45 0.79 0.00	15.26 0.82 0.00	15.19 0.76 0.00	17.05 0.95 0.00	24.99 1.50 0.00	26.77 1.39 0.00	25.17 1.22 0.00	22.52 0.93 0.00	21.65 0.71 0.00	21.08 0.67 0.00	20.56 0.66 0.00	21.21 0.76 0.00	21.92 0.84 0.00	22.92 0.99 0.00	26.42 1.38 0.00	30.71 1.68 0.00	30.82 1.74 0.00	27.56 1.40 -0.59	24.91 1.24 -0.62	22.68 1.10 -0.05	21.05 0.95 0.00	20.13 0.90 0.00
JARVIS____ 23743	17.84 0.07 0.00	16.59 0.07 0.00	14.70 0.04 0.00	14.48 0.04 0.00	14.47 0.04 0.00	16.16 0.06 0.00	23.58 0.09 0.00	25.48 0.10 0.00	24.04 0.10 0.00	21.68 0.09 0.00	21.00 0.06 0.00	20.47 0.06 0.00	19.96 0.06 0.00	20.52 0.06 0.00	21.14 0.06 0.00	22.02 0.09 0.00	25.09 0.05 0.00	29.11 0.09 0.00	29.13 0.06 0.00	25.61 0.05 0.00	23.10 0.05 0.00	21.57 0.04 0.00	20.13 0.02 0.00	19.25 0.02 0.00

JENNISON___1 23625	18.91 1.14 0.00	17.60 1.07 0.00	15.52 0.86 0.00	15.34 0.91 0.00	15.27 0.85 0.00	17.13 1.03 0.00	25.11 1.62 0.00	26.98 1.60 0.00	25.38 1.44 0.00	22.76 1.17 0.00	21.98 1.05 0.00	21.37 0.96 0.00	20.86 0.96 0.00	21.62 1.17 0.00	22.23 1.16 0.00	23.22 1.29 0.00	26.67 1.63 0.00	30.94 1.92 0.00	31.05 1.98 0.00	27.96 1.58 -0.81	25.30 1.41 -0.85	22.85 1.25 -0.07	21.18 1.07 0.00	20.21 0.98 0.00
JENNISON___2 23626	18.91 1.14 0.00	17.60 1.07 0.00	15.52 0.86 0.00	15.34 0.91 0.00	15.27 0.85 0.00	17.13 1.03 0.00	25.11 1.62 0.00	26.98 1.60 0.00	25.38 1.44 0.00	22.76 1.17 0.00	21.98 1.05 0.00	21.37 0.96 0.00	20.86 0.96 0.00	21.62 1.17 0.00	22.23 1.16 0.00	23.22 1.29 0.00	26.67 1.63 0.00	30.94 1.92 0.00	31.05 1.98 0.00	27.96 1.58 -0.81	25.30 1.41 -0.85	22.85 1.25 -0.07	21.18 1.07 0.00	20.21 0.98 0.00
JERICHO_RISE_WT_PWR 323719	17.91 0.14 0.00	16.59 0.07 0.00	14.79 0.13 0.00	14.55 0.11 0.00	14.54 0.11 0.00	16.15 0.05 0.00	23.27 -0.21 0.00	25.25 -0.13 0.00	23.83 -0.12 0.00	21.51 -0.09 0.00	20.96 0.02 0.00	20.37 -0.04 0.00	19.82 -0.08 0.00	20.40 -0.06 0.00	21.01 -0.06 0.00	21.80 -0.13 0.00	24.94 -0.10 0.00	28.83 -0.20 0.00	29.28 0.20 0.00	25.79 0.23 0.00	23.10 0.05 0.00	21.55 0.02 0.00	20.07 -0.04 0.00	19.06 -0.17 0.00
KATONAH___115KV_46KV_TB4 355592	18.55 0.78 0.00	17.25 0.73 0.00	15.30 0.65 0.00	15.04 0.61 0.00	15.06 0.63 0.00	16.76 0.66 0.00	24.61 1.13 0.00	26.85 1.47 0.00	25.43 1.48 0.00	22.91 1.32 0.00	22.04 1.11 0.00	21.56 1.14 0.00	21.02 1.11 0.00	21.50 1.04 0.00	22.17 1.10 0.00	23.38 1.45 0.00	26.64 1.60 0.00	30.97 1.94 0.00	31.02 1.95 0.00	29.43 1.69 -2.18	26.87 1.54 -2.27	23.13 1.40 -0.20	21.28 1.17 0.00	20.17 0.94 0.00
KCE_NY_1 323755	18.75 0.98 0.00	17.43 0.91 0.00	15.45 0.79 0.00	15.21 0.78 0.00	15.23 0.81 0.00	17.03 0.93 0.00	24.97 1.48 0.00	27.05 1.67 0.00	25.48 1.53 0.00	22.94 1.34 0.00	22.13 1.19 0.00	21.55 1.14 0.00	21.04 1.13 0.00	21.62 1.17 0.00	22.30 1.22 0.00	23.46 1.53 0.00	26.75 1.70 0.00	31.00 1.97 0.00	31.05 1.98 0.00	30.08 1.74 -2.78	27.58 1.64 -2.89	23.27 1.48 -0.25	21.32 1.21 0.00	20.33 1.10 0.00
KCE_NY_6_ESR 323823	18.43 0.66 0.00	17.12 0.59 0.00	15.27 0.62 0.00	15.09 0.65 0.00	14.98 0.56 0.00	16.73 0.63 0.00	24.00 0.52 0.00	25.15 -0.23 0.00	23.85 -0.10 0.00	21.66 0.06 0.00	20.96 0.02 0.00	20.54 0.12 0.00	20.06 0.16 0.00	20.40 -0.06 0.00	21.22 0.15 0.00	22.21 0.28 0.00	25.19 0.15 0.00	29.08 0.06 0.00	28.96 -0.12 0.00	25.52 -0.38 -0.34	23.13 -0.28 -0.35	21.37 -0.19 -0.03	19.81 -0.30 0.00	19.50 0.27 0.00
KEDC_PORT_JEFF_GT2 24210	19.19 1.42 0.00	17.78 1.26 0.00	15.63 0.97 0.00	15.36 0.92 0.00	15.39 0.97 0.00	17.27 1.17 0.00	25.27 1.78 0.00	28.08 2.69 -0.01	26.65 2.66 -0.05	24.07 2.46 -0.01	25.13 2.14 -2.06	25.15 2.04 -2.70	23.14 1.95 -1.28	25.40 2.03 -2.91	25.77 2.15 -2.54	28.00 2.41 -3.66	29.98 2.78 -2.16	32.79 3.25 -0.51	32.63 3.20 -0.36	46.61 2.86 -18.19	31.28 2.56 -5.67	28.14 2.39 -4.22	22.16 2.03 -0.02	20.96 1.73 0.00
KEDC_PORT_JEFF_GT3 24211	19.19 1.42 0.00	17.78 1.26 0.00	15.63 0.97 0.00	15.36 0.92 0.00	15.39 0.97 0.00	17.27 1.17 0.00	25.27 1.78 0.00	28.08 2.69 -0.01	26.65 2.66 -0.05	24.07 2.46 -0.01	25.13 2.14 -2.06	25.15 2.04 -2.70	23.14 1.95 -1.28	25.40 2.03 -2.91	25.77 2.15 -2.54	28.00 2.41 -3.66	29.98 2.78 -2.16	32.79 3.25 -0.51	32.63 3.20 -0.36	46.61 2.86 -18.19	31.28 2.56 -5.67	28.14 2.39 -4.22	22.16 2.03 -0.02	20.96 1.73 0.00
KEDC_GLWD_GT4 24219	18.76 0.99 0.00	17.43 0.91 0.00	15.41 0.75 0.00	15.14 0.71 0.00	15.16 0.74 0.00	16.95 0.85 0.00	24.85 1.36 0.00	27.29 1.90 -0.01	25.88 1.89 -0.05	23.40 1.79 -0.01	24.58 1.59 -2.06	24.64 1.53 -2.70	22.68 1.49 -1.28	24.93 1.55 -2.91	25.24 1.62 -2.54	27.38 1.80 -3.66	29.25 2.05 -2.16	31.85 2.38 -0.44	31.70 2.33 -0.29	31.79 2.05 -4.19	30.55 1.84 -5.66	27.49 1.74 -4.22	21.60 1.47 -0.02	20.50 1.27 0.00
KEDC_GLWD_GT5 24220	18.76 0.99 0.00	17.43 0.91 0.00	15.41 0.75 0.00	15.14 0.71 0.00	15.16 0.74 0.00	16.95 0.85 0.00	24.85 1.36 0.00	27.29 1.90 -0.01	25.88 1.89 -0.05	23.40 1.79 -0.01	24.58 1.59 -2.06	24.64 1.53 -2.70	22.68 1.49 -1.28	24.93 1.55 -2.91	25.24 1.62 -2.54	27.38 1.80 -3.66	29.25 2.05 -2.16	31.85 2.38 -0.44	31.70 2.33 -0.29	31.79 2.05 -4.19	30.55 1.84 -5.66	27.49 1.74 -4.22	21.60 1.47 -0.02	20.50 1.27 0.00
KENSICO____ 23655	18.48 0.71 0.00	17.20 0.68 0.00	15.27 0.62 0.00	15.00 0.56 0.00	15.01 0.59 0.00	16.74 0.64 0.00	24.54 1.06 0.00	26.83 1.45 0.00	25.38 1.44 0.00	22.94 1.34 0.00	22.04 1.11 0.00	21.56 1.14 0.00	21.04 1.13 0.00	21.52 1.06 0.00	22.21 1.14 0.00	23.29 1.36 0.00	26.62 1.58 0.00	30.88 1.86 0.00	30.88 1.80 0.00	29.28 1.58 -2.14	26.71 1.43 -2.23	23.08 1.36 -0.19	21.30 1.19 0.00	20.19 0.96 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	18.51 0.75 0.00	17.22 0.69 0.00	15.26 0.60 0.00	15.04 0.61 0.00	15.03 0.61 0.00	16.73 0.63 0.00	24.52 1.03 0.00	26.70 1.32 0.00	25.17 1.22 0.00	22.72 1.12 0.00	21.88 0.94 0.00	21.33 0.92 0.00	20.62 0.72 0.00	21.11 0.65 0.00	21.83 0.76 0.00	22.87 0.94 0.00	26.14 1.10 0.00	30.39 1.36 0.00	30.47 1.40 0.00	28.78 1.20 -2.02	26.37 1.22 -2.10	22.88 1.16 -0.18	21.22 1.11 0.00	20.11 0.88 0.00
KIAC_JFK_GT1 23816	18.43 0.66 0.00	17.17 0.64 0.00	15.25 0.59 0.00	14.95 0.52 0.00	14.97 0.55 0.00	16.73 0.63 0.00	24.59 1.10 0.00	26.95 1.57 0.00	25.57 1.63 0.00	23.13 1.53 0.00	22.09 1.15 0.00	21.60 1.18 0.00	21.10 1.19 0.00	21.58 1.13 0.00	22.30 1.22 0.00	23.38 1.45 0.00	26.77 1.73 0.00	30.80 1.77 0.00	30.76 1.69 0.00	29.34 1.64 -2.15	26.78 1.50 -2.23	23.13 1.40 -0.20	21.44 1.33 0.00	20.25 1.02 0.00
KIAC_JFK_GT2 23817	18.43 0.66 0.00	17.17 0.64 0.00	15.25 0.59 0.00	14.95 0.52 0.00	14.97 0.55 0.00	16.73 0.63 0.00	24.59 1.10 0.00	26.95 1.57 0.00	25.57 1.63 0.00	23.13 1.53 0.00	22.09 1.15 0.00	21.60 1.18 0.00	21.10 1.19 0.00	21.58 1.13 0.00	22.30 1.22 0.00	23.38 1.45 0.00	26.77 1.73 0.00	30.80 1.77 0.00	30.76 1.69 0.00	29.34 1.64 -2.15	26.78 1.50 -2.23	23.13 1.40 -0.20	21.44 1.33 0.00	20.25 1.02 0.00
KIAC_JFK____ 323774	18.43 0.66 0.00	17.17 0.64 0.00	15.22 0.56 0.00	14.95 0.52 0.00	14.97 0.55 0.00	16.73 0.63 0.00	24.59 1.10 0.00	26.95 1.57 0.00	25.57 1.63 0.00	23.17 1.58 0.00	22.19 1.26 0.00	21.64 1.22 0.00	21.10 1.19 0.00	21.73 1.27 0.00	22.40 1.33 0.00	23.40 1.47 0.00	26.77 1.73 0.00	30.80 1.77 0.00	30.76 1.69 0.00	29.34 1.64 -2.14	26.78 1.50 -2.23	23.12 1.40 -0.19	21.38 1.27 0.00	20.25 1.02 0.00

KINTIGH____ 23543	18.05 0.28 0.00	16.79 0.26 0.00	14.88 0.22 0.00	14.78 0.35 0.00	14.70 0.27 0.00	16.40 0.31 0.00	23.58 0.09 0.00	24.69 -0.69 0.00	23.37 -0.57 0.00	21.21 -0.39 0.00	20.73 -0.21 0.00	20.15 -0.27 0.00	19.60 -0.30 0.00	20.33 -0.12 0.00	20.76 -0.32 0.00	21.69 -0.24 0.00	24.57 -0.48 0.00	28.45 -0.58 0.00	28.35 -0.73 0.00	25.40 -0.49 -0.32	23.06 -0.32 -0.34	21.06 -0.50 -0.03	19.49 -0.62 0.00	19.19 -0.04 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	18.12 0.36 0.00	16.77 0.25 0.00	14.98 0.32 0.00	14.72 0.29 0.00	14.73 0.30 0.00	16.32 0.23 0.00	23.41 -0.07 0.00	25.48 0.10 0.00	24.04 0.10 0.00	21.70 0.11 0.00	21.06 0.13 0.00	20.51 0.10 0.00	19.96 0.06 0.00	20.46 0.00 0.00	21.16 0.08 0.00	21.99 0.07 0.00	25.19 0.15 0.00	29.08 0.06 0.00	29.69 0.61 0.00	26.17 0.61 0.00	23.42 0.37 0.00	21.85 0.32 0.00	20.31 0.20 0.00	19.27 0.04 0.00
LACHUTE__HYDRO 323717	19.69 1.92 0.00	18.26 1.73 0.00	16.14 1.48 0.00	15.92 1.49 0.00	15.95 1.53 0.00	17.93 1.83 0.00	26.44 2.96 0.00	28.60 3.22 0.00	26.86 2.92 0.00	24.21 2.61 0.00	23.32 2.39 0.00	22.66 2.25 0.00	22.09 2.19 0.00	22.71 2.25 0.00	23.45 2.38 0.00	24.98 3.05 0.00	28.42 3.38 0.00	32.77 3.75 0.00	32.77 3.69 0.00	31.54 3.19 -2.78	29.04 3.09 -2.90	24.52 2.73 -0.25	22.46 2.35 0.00	21.33 2.10 0.00
LAWRNCV_115KV_TB1 80681	17.50 -0.27 0.00	16.22 -0.30 0.00	14.45 -0.21 0.00	14.22 -0.22 0.00	14.19 -0.23 0.00	15.79 -0.31 0.00	22.94 -0.54 0.00	24.57 -0.81 0.00	23.03 -0.91 0.00	20.78 -0.82 0.00	20.24 -0.69 0.00	19.66 -0.76 0.00	19.15 -0.76 0.00	19.74 -0.72 0.00	20.32 -0.76 0.00	21.05 -0.88 0.00	24.12 -0.93 0.00	27.92 -1.10 0.00	28.15 -0.93 0.00	24.79 -0.77 0.00	22.31 -0.74 0.00	20.88 -0.65 0.00	19.75 -0.36 0.00	18.83 -0.40 0.00
LEDERLE____ 23769	18.48 0.71 0.00	17.18 0.66 0.00	15.26 0.60 0.00	14.98 0.55 0.00	15.00 0.58 0.00	16.73 0.63 0.00	24.52 1.03 0.00	26.75 1.37 0.00	25.31 1.36 0.00	22.87 1.27 0.00	22.02 1.09 0.00	21.49 1.08 0.00	20.96 1.05 0.00	21.48 1.02 0.00	22.17 1.10 0.00	23.24 1.32 0.00	26.54 1.50 0.00	30.80 1.77 0.00	30.82 1.74 0.00	29.13 1.53 -2.04	26.56 1.38 -2.13	23.01 1.29 -0.19	21.28 1.17 0.00	20.15 0.92 0.00
LIGHTHSE_115KV_TB6 355974	18.07 0.30 0.00	16.82 0.30 0.00	14.85 0.19 0.00	14.68 0.25 0.00	14.62 0.20 0.00	16.39 0.29 0.00	24.05 0.56 0.00	25.76 0.38 0.00	24.28 0.34 0.00	21.81 0.22 0.00	21.12 0.19 0.00	20.55 0.14 0.00	20.02 0.12 0.00	20.74 0.29 0.00	21.28 0.21 0.00	22.15 0.22 0.00	25.42 0.38 0.00	29.46 0.44 0.00	29.54 0.47 0.00	26.10 0.33 -0.21	23.56 0.30 -0.21	21.74 0.19 -0.02	20.25 0.14 0.00	19.42 0.19 0.00
LINDEN COGEN____ 23786	18.37 0.60 0.00	17.13 0.61 0.00	15.20 0.54 0.00	14.94 0.50 0.00	14.96 0.53 0.00	16.68 0.58 0.00	24.43 0.94 0.00	26.72 1.34 0.00	25.31 1.36 0.00	22.94 1.34 0.00	22.06 1.13 0.00	21.51 1.10 0.00	20.98 1.07 0.00	21.60 1.14 0.00	22.27 1.20 0.00	23.27 1.34 0.00	26.60 1.55 0.00	28.55 1.71 2.19	28.55 1.63 2.15	28.25 1.43 -1.26	26.62 1.34 -2.23	22.97 1.25 -0.19	21.19 1.09 0.00	20.12 0.89 0.00
LINDHRST_69_KV_BK1 356055	19.14 1.37 0.00	17.73 1.21 0.00	15.63 0.97 0.00	15.33 0.89 0.00	15.40 0.98 0.00	17.23 1.13 0.00	25.22 1.74 0.00	27.92 2.54 0.00	26.48 2.49 -0.05	23.89 2.29 0.00	24.79 1.80 -2.06	25.03 1.92 -2.70	23.06 1.87 -1.28	25.11 1.74 -2.92	25.60 1.98 -2.54	27.87 2.28 -3.66	29.80 2.60 -2.16	32.50 3.02 -0.45	32.37 2.99 -0.30	33.63 2.66 -5.42	31.11 2.40 -5.67	27.99 2.24 -4.22	22.12 1.99 -0.02	20.92 1.69 0.00
LIPA_MISC_IPP 23656	19.19 1.42 0.00	17.79 1.27 0.00	15.66 1.00 0.00	15.37 0.94 0.00	15.45 1.02 0.00	17.27 1.18 0.00	25.27 1.78 0.00	28.10 2.72 0.00	26.67 2.68 -0.05	24.04 2.44 0.00	24.81 1.82 -2.06	25.15 2.04 -2.70	23.12 1.93 -1.28	25.15 1.78 -2.92	25.70 2.09 -2.54	28.00 2.41 -3.66	29.98 2.78 -2.16	32.80 3.25 -0.52	32.65 3.20 -0.37	46.49 2.91 -18.02	31.30 2.58 -5.67	28.19 2.43 -4.22	22.24 2.11 -0.02	21.00 1.77 0.00
LISF__SOLAR 323691	19.23 1.46 0.00	17.83 1.30 0.00	15.66 1.00 0.00	15.39 0.95 0.00	15.42 0.99 0.00	17.32 1.22 0.00	25.32 1.83 0.00	28.16 2.77 -0.01	26.70 2.70 -0.05	24.11 2.50 -0.01	25.15 2.16 -2.06	25.17 2.06 -2.70	23.14 1.95 -1.28	25.40 2.03 -2.91	25.79 2.17 -2.54	28.02 2.43 -3.66	30.00 2.80 -2.16	32.82 3.28 -0.52	32.70 3.26 -0.37	46.33 2.94 -17.83	31.34 2.63 -5.67	28.21 2.45 -4.22	22.22 2.09 -0.02	21.00 1.77 0.00
LITTLE FALLS__HYD 24013	17.95 0.18 0.00	16.69 0.17 0.00	14.78 0.12 0.00	14.55 0.12 0.00	14.52 0.10 0.00	16.23 0.13 0.00	23.70 0.21 0.00	25.38 0.00 0.00	23.94 0.00 0.00	21.57 -0.02 0.00	21.06 0.13 0.00	20.41 0.00 0.00	19.90 0.00 0.00	20.58 0.12 0.00	21.07 0.00 0.00	21.91 -0.02 0.00	24.99 -0.05 0.00	28.91 -0.12 0.00	28.90 -0.17 0.00	25.33 -0.23 0.00	22.87 -0.18 0.00	21.42 -0.11 0.00	20.13 0.02 0.00	19.27 0.04 0.00
LITTLRIV_115KV_TB1 356100	17.64 -0.12 0.00	16.37 -0.15 0.00	14.56 -0.10 0.00	14.33 -0.10 0.00	14.31 -0.12 0.00	15.92 -0.18 0.00	23.16 -0.33 0.00	24.77 -0.61 0.00	23.20 -0.74 0.00	20.91 -0.69 0.00	20.41 -0.52 0.00	19.78 -0.63 0.00	19.27 -0.64 0.00	19.90 -0.55 0.00	20.46 -0.61 0.00	21.18 -0.75 0.00	24.32 -0.73 0.00	28.16 -0.87 0.00	28.41 -0.67 0.00	25.02 -0.54 0.00	22.50 -0.55 0.00	21.04 -0.50 0.00	19.89 -0.22 0.00	18.96 -0.27 0.00
LI_NEWBRDGE__DRP 323616	18.80 1.03 0.00	17.43 0.91 0.00	15.38 0.72 0.00	15.10 0.66 0.00	15.16 0.74 0.00	16.94 0.84 0.00	24.82 1.34 0.00	27.36 1.98 0.00	25.91 1.92 -0.05	23.39 1.79 0.00	24.39 1.40 -2.06	24.60 1.49 -2.70	22.64 1.45 -1.28	24.72 1.35 -2.91	25.13 1.52 -2.54	27.32 1.73 -3.66	29.20 2.00 -2.16	31.76 2.29 -0.44	31.61 2.24 -0.29	31.74 1.99 -4.19	30.54 1.82 -5.66	27.47 1.72 -4.22	21.68 1.55 -0.02	20.54 1.31 0.00
LOCKPORT_115KV_TB60_63_64 80432	18.25 0.48 0.00	16.98 0.46 0.00	15.06 0.40 0.00	15.01 0.58 0.00	14.90 0.48 0.00	16.60 0.50 0.00	23.65 0.16 0.00	24.59 -0.79 0.00	23.30 -0.65 0.00	21.16 -0.43 0.00	20.73 -0.21 0.00	20.13 -0.29 0.00	19.60 -0.30 0.00	20.44 -0.02 0.00	20.78 -0.30 0.00	21.75 -0.18 0.00	24.62 -0.43 0.00	28.48 -0.55 0.00	28.35 -0.73 0.00	25.24 -0.66 -0.35	22.93 -0.48 -0.36	21.00 -0.56 -0.03	19.41 -0.70 0.00	19.23 0.00 0.00
LOCKPORT__CC1 323769	18.25 0.48 0.00	16.97 0.45 0.00	15.17 0.51 0.00	15.00 0.56 0.00	14.90 0.48 0.00	16.60 0.50 0.00	23.67 0.19 0.00	24.62 -0.76 0.00	23.32 -0.62 0.00	21.19 -0.41 0.00	20.49 -0.44 0.00	20.08 -0.33 0.00	19.62 -0.28 0.00	19.97 -0.49 0.00	20.78 -0.30 0.00	21.75 -0.18 0.00	24.62 -0.43 0.00	28.47 -0.55 0.00	28.38 -0.70 0.00	25.20 -0.66 -0.31	22.89 -0.49 -0.32	21.02 -0.54 -0.03	19.45 -0.66 0.00	19.27 0.04 0.00

LOCKPORT___CC2 323770	18.25 0.48 0.00	16.97 0.45 0.00	15.17 0.51 0.00	15.00 0.56 0.00	14.90 0.48 0.00	16.60 0.50 0.00	23.67 0.19 0.00	24.62 -0.76 0.00	23.32 -0.62 0.00	21.19 -0.41 0.00	20.49 -0.44 0.00	20.08 -0.33 0.00	19.62 -0.28 0.00	19.97 -0.49 0.00	20.78 -0.30 0.00	21.75 -0.18 0.00	24.62 -0.43 0.00	28.47 -0.55 0.00	28.38 -0.70 0.00	25.20 -0.66 -0.31	22.89 -0.49 -0.32	21.02 -0.54 -0.03	19.45 -0.66 0.00	19.27 0.04 0.00
LOCKPORT___CC3 323771	18.25 0.48 0.00	16.97 0.45 0.00	15.17 0.51 0.00	15.00 0.56 0.00	14.90 0.48 0.00	16.60 0.50 0.00	23.67 0.19 0.00	24.62 -0.76 0.00	23.32 -0.62 0.00	21.19 -0.41 0.00	20.49 -0.44 0.00	20.08 -0.33 0.00	19.62 -0.28 0.00	19.97 -0.49 0.00	20.78 -0.30 0.00	21.75 -0.18 0.00	24.62 -0.43 0.00	28.47 -0.55 0.00	28.38 -0.70 0.00	25.20 -0.66 -0.31	22.89 -0.49 -0.32	21.02 -0.54 -0.03	19.45 -0.66 0.00	19.27 0.04 0.00
LONG_LAKE_PHOENIX 24014	18.16 0.39 0.00	16.89 0.36 0.00	14.91 0.25 0.00	14.72 0.29 0.00	14.68 0.26 0.00	16.45 0.35 0.00	24.05 0.56 0.00	25.71 0.33 0.00	24.28 0.34 0.00	21.86 0.26 0.00	21.25 0.31 0.00	20.62 0.20 0.00	20.08 0.18 0.00	20.85 0.39 0.00	21.35 0.27 0.00	22.21 0.29 0.00	25.47 0.43 0.00	29.52 0.49 0.00	29.51 0.44 0.00	26.12 0.33 -0.23	23.61 0.32 -0.24	21.81 0.26 -0.02	20.37 0.26 0.00	19.56 0.33 0.00
LOVETT___3 23632	18.41 0.64 0.00	17.12 0.59 0.00	15.20 0.54 0.00	14.93 0.49 0.00	14.96 0.53 0.00	16.66 0.56 0.00	24.42 0.94 0.00	26.65 1.27 0.00	25.21 1.27 0.00	22.78 1.19 0.00	21.94 1.00 0.00	21.41 1.00 0.00	20.90 1.00 0.00	21.40 0.94 0.00	22.09 1.01 0.00	23.16 1.23 0.00	26.44 1.40 0.00	30.68 1.65 0.00	30.70 1.63 0.00	29.02 1.41 -2.05	26.48 1.29 -2.14	22.92 1.21 -0.19	21.18 1.07 0.00	20.10 0.87 0.00
LOVETT___4 23642	18.41 0.64 0.00	17.12 0.59 0.00	15.20 0.54 0.00	14.93 0.49 0.00	14.96 0.53 0.00	16.66 0.56 0.00	24.42 0.94 0.00	26.65 1.27 0.00	25.21 1.27 0.00	22.78 1.19 0.00	21.94 1.00 0.00	21.41 1.00 0.00	20.90 1.00 0.00	21.40 0.94 0.00	22.09 1.01 0.00	23.16 1.23 0.00	26.44 1.40 0.00	30.68 1.65 0.00	30.70 1.63 0.00	29.02 1.41 -2.05	26.48 1.29 -2.14	22.92 1.21 -0.19	21.18 1.07 0.00	20.10 0.87 0.00
LOVETT___5 23593	18.41 0.64 0.00	17.12 0.59 0.00	15.20 0.54 0.00	14.93 0.49 0.00	14.96 0.53 0.00	16.66 0.56 0.00	24.42 0.94 0.00	26.65 1.27 0.00	25.21 1.27 0.00	22.78 1.19 0.00	21.94 1.00 0.00	21.41 1.00 0.00	20.90 1.00 0.00	21.40 0.94 0.00	22.09 1.01 0.00	23.16 1.23 0.00	26.44 1.40 0.00	30.68 1.65 0.00	30.70 1.63 0.00	29.02 1.41 -2.05	26.48 1.29 -2.14	22.92 1.21 -0.19	21.18 1.07 0.00	20.10 0.87 0.00
LOWER_RAQUET___HYD 24057	17.48 -0.28 0.00	16.21 -0.31 0.00	14.42 -0.24 0.00	14.20 -0.23 0.00	14.18 -0.25 0.00	15.78 -0.32 0.00	22.90 -0.59 0.00	24.47 -0.91 0.00	22.94 -1.00 0.00	20.65 -0.95 0.00	20.12 -0.82 0.00	19.56 -0.86 0.00	19.05 -0.86 0.00	19.62 -0.84 0.00	20.21 -0.86 0.00	20.92 -1.01 0.00	24.01 -1.03 0.00	27.78 -1.25 0.00	28.03 -1.05 0.00	24.69 -0.87 0.00	22.20 -0.85 0.00	20.78 -0.75 0.00	19.69 -0.42 0.00	18.79 -0.44 0.00
LOWER___HUDSON 24059	18.46 0.69 0.00	17.17 0.64 0.00	15.25 0.59 0.00	15.00 0.56 0.00	15.01 0.59 0.00	16.77 0.68 0.00	24.52 1.03 0.00	26.60 1.22 0.00	25.07 1.13 0.00	22.55 0.95 0.00	21.75 0.82 0.00	21.21 0.80 0.00	20.70 0.80 0.00	21.25 0.80 0.00	21.92 0.84 0.00	22.98 1.05 0.00	26.24 1.20 0.00	30.45 1.42 0.00	30.53 1.45 0.00	29.58 1.28 -2.74	27.08 1.17 -2.86	22.88 1.10 -0.25	20.95 0.84 0.00	20.02 0.79 0.00
LOWVILLE_115KV_TB2 356335	18.07 0.30 0.00	16.80 0.28 0.00	14.86 0.21 0.00	14.68 0.25 0.00	14.62 0.20 0.00	16.39 0.29 0.00	23.93 0.45 0.00	25.66 0.28 0.00	24.11 0.17 0.00	21.64 0.04 0.00	20.98 0.04 0.00	20.37 -0.04 0.00	19.86 -0.04 0.00	20.56 0.10 0.00	21.12 0.04 0.00	21.95 0.02 0.00	25.29 0.25 0.00	29.35 0.32 0.00	29.54 0.47 0.00	25.83 0.18 -0.09	23.19 0.05 -0.09	21.45 -0.09 -0.01	19.99 -0.12 0.00	19.08 -0.15 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	18.75 0.98 0.00	17.41 0.89 0.00	15.45 0.79 0.00	15.20 0.77 0.00	15.22 0.79 0.00	17.03 0.93 0.00	24.94 1.46 0.00	27.05 1.68 0.00	25.45 1.51 0.00	22.91 1.32 0.00	22.06 1.13 0.00	21.56 1.14 0.00	21.02 1.11 0.00	21.54 1.08 0.00	22.23 1.16 0.00	23.44 1.51 0.00	26.74 1.70 0.00	30.97 1.94 0.00	31.02 1.95 0.00	30.06 1.71 -2.79	27.56 1.61 -2.90	23.27 1.49 -0.25	21.36 1.25 0.00	20.33 1.10 0.00
LUTHERNY_35_KV_BK2 355980	18.75 0.98 0.00	17.43 0.91 0.00	15.45 0.79 0.00	15.21 0.78 0.00	15.23 0.81 0.00	17.03 0.93 0.00	24.96 1.48 0.00	27.05 1.68 0.00	25.48 1.53 0.00	22.91 1.32 0.00	22.09 1.15 0.00	21.56 1.14 0.00	21.04 1.13 0.00	21.56 1.10 0.00	22.25 1.18 0.00	23.44 1.51 0.00	26.74 1.70 0.00	31.00 1.97 0.00	31.05 1.98 0.00	30.08 1.74 -2.79	27.59 1.64 -2.90	23.27 1.49 -0.25	21.36 1.25 0.00	20.33 1.10 0.00
LWR___OSWEGATCHIE_HYD 23850	17.72 -0.05 0.00	16.46 -0.07 0.00	14.60 -0.06 0.00	14.41 -0.03 0.00	14.35 -0.07 0.00	16.03 -0.06 0.00	23.34 -0.14 0.00	25.00 -0.38 0.00	23.44 -0.50 0.00	21.08 -0.52 0.00	20.47 -0.46 0.00	19.90 -0.51 0.00	19.41 -0.50 0.00	20.01 -0.45 0.00	20.59 -0.48 0.00	21.36 -0.57 0.00	24.59 -0.45 0.00	28.50 -0.52 0.00	28.73 -0.35 0.00	25.24 -0.38 -0.07	22.70 -0.41 -0.07	21.13 -0.41 -0.01	19.81 -0.30 0.00	18.90 -0.33 0.00
LYONS_FALL_HYD 23570	18.14 0.37 0.00	16.87 0.35 0.00	14.92 0.26 0.00	14.72 0.29 0.00	14.68 0.26 0.00	16.44 0.34 0.00	24.03 0.54 0.00	25.78 0.40 0.00	24.25 0.31 0.00	21.79 0.19 0.00	21.06 0.13 0.00	20.51 0.10 0.00	20.02 0.12 0.00	20.62 0.16 0.00	21.24 0.17 0.00	22.13 0.20 0.00	25.42 0.38 0.00	29.46 0.44 0.00	29.63 0.55 0.00	25.94 0.31 -0.08	23.34 0.21 -0.08	21.62 0.09 -0.01	20.19 0.08 0.00	19.27 0.04 0.00
MADISON___COUNTY_LFGE 323628	18.32 0.55 0.00	17.05 0.53 0.00	15.07 0.41 0.00	14.87 0.43 0.00	14.83 0.40 0.00	16.61 0.52 0.00	24.28 0.80 0.00	26.06 0.69 0.00	24.54 0.60 0.00	22.07 0.48 0.00	21.42 0.48 0.00	20.80 0.39 0.00	20.28 0.38 0.00	21.01 0.55 0.00	21.56 0.48 0.00	22.43 0.50 0.00	25.69 0.65 0.00	29.75 0.73 0.00	29.83 0.76 0.00	26.30 0.59 -0.15	23.71 0.51 -0.16	21.97 0.43 -0.01	20.49 0.38 0.00	19.63 0.40 0.00
MALONE___115KV_TB1 356076	17.98 0.21 0.00	16.65 0.13 0.00	14.86 0.21 0.00	14.62 0.19 0.00	14.61 0.19 0.00	16.21 0.11 0.00	23.41 -0.07 0.00	25.33 -0.05 0.00	23.90 -0.05 0.00	21.57 -0.02 0.00	20.98 0.04 0.00	20.39 -0.02 0.00	19.84 -0.06 0.00	20.40 -0.06 0.00	21.03 -0.04 0.00	21.84 -0.09 0.00	25.02 -0.03 0.00	28.91 -0.12 0.00	29.31 0.23 0.00	25.87 0.31 0.00	23.17 0.12 0.00	21.64 0.11 0.00	20.21 0.10 0.00	19.19 -0.04 0.00

MAPLEWOD_115KV_TB3 80458	18.28 0.52 0.00	17.03 0.51 0.00	15.13 0.47 0.00	14.87 0.43 0.00	14.88 0.46 0.00	16.63 0.53 0.00	24.26 0.78 0.00	26.37 0.99 0.00	24.83 0.89 0.00	22.35 0.76 0.00	21.52 0.59 0.00	21.02 0.61 0.00	20.52 0.62 0.00	21.03 0.57 0.00	21.69 0.61 0.00	22.81 0.88 0.00	26.07 1.03 0.00	30.25 1.22 0.00	30.30 1.22 0.00	29.36 1.07 -2.73	26.86 0.97 -2.84	22.68 0.90 -0.25	20.81 0.70 0.00	19.81 0.58 0.00
MAPLE_RIDGE_WT_1 323574	17.80 0.04 0.00	16.54 0.02 0.00	14.64 -0.01 0.00	14.41 -0.03 0.00	14.38 -0.04 0.00	16.08 -0.02 0.00	23.49 0.00 0.00	25.38 0.00 0.00	23.94 0.00 0.00	21.62 0.02 0.00	20.96 0.02 0.00	20.43 0.02 0.00	19.92 0.02 0.00	20.48 0.02 0.00	21.10 0.02 0.00	21.97 0.04 0.00	25.07 0.03 0.00	29.03 0.00 0.00	28.96 -0.12 0.00	25.33 -0.23 0.00	22.71 -0.35 0.00	21.08 -0.45 0.00	19.61 -0.50 0.00	18.71 -0.52 0.00
MAPLE_RIDGE_WT_2 323611	17.80 0.04 0.00	16.54 0.02 0.00	14.64 -0.01 0.00	14.41 -0.03 0.00	14.38 -0.04 0.00	16.08 -0.02 0.00	23.49 0.00 0.00	25.38 0.00 0.00	23.94 0.00 0.00	21.62 0.02 0.00	20.96 0.02 0.00	20.43 0.02 0.00	19.92 0.02 0.00	20.48 0.02 0.00	21.10 0.02 0.00	21.97 0.04 0.00	25.07 0.03 0.00	29.03 0.00 0.00	28.96 -0.12 0.00	25.33 -0.23 0.00	22.71 -0.35 0.00	21.08 -0.45 0.00	19.61 -0.50 0.00	18.71 -0.52 0.00
MARBLE_RIVER_WT_PWR 323696	17.96 0.20 0.00	16.64 0.12 0.00	14.85 0.19 0.00	14.59 0.16 0.00	14.60 0.17 0.00	16.21 0.11 0.00	23.30 -0.19 0.00	25.30 -0.08 0.00	23.87 -0.07 0.00	21.53 -0.06 0.00	21.00 0.06 0.00	20.39 -0.02 0.00	19.86 -0.04 0.00	20.44 -0.02 0.00	21.05 -0.02 0.00	21.84 -0.09 0.00	24.99 -0.05 0.00	28.88 -0.14 0.00	29.37 0.29 0.00	25.87 0.31 0.00	23.17 0.12 0.00	21.60 0.06 0.00	20.11 0.00 0.00	19.12 -0.11 0.00
MARSHVLE_115KV_TB1 80742	19.07 1.30 0.00	17.73 1.21 0.00	15.70 1.04 0.00	15.47 1.04 0.00	15.49 1.07 0.00	17.39 1.29 0.00	25.62 2.14 0.00	27.92 2.54 0.00	26.20 2.25 0.00	23.52 1.92 0.00	22.55 1.61 0.00	22.02 1.61 0.00	21.36 1.45 0.00	21.83 1.37 0.00	22.63 1.56 0.00	24.01 2.08 0.00	27.55 2.50 0.00	31.96 2.93 0.00	32.07 2.99 0.00	30.98 2.61 -2.81	28.33 2.35 -2.93	24.05 2.26 -0.26	21.90 1.79 0.00	20.75 1.52 0.00
MARSH_HILL_WT_PWR 323713	18.66 0.89 0.00	17.31 0.79 0.00	15.38 0.72 0.00	15.20 0.76 0.00	15.11 0.69 0.00	16.92 0.82 0.00	24.52 1.03 0.00	25.96 0.58 0.00	24.59 0.65 0.00	22.22 0.63 0.00	21.44 0.50 0.00	20.94 0.53 0.00	20.44 0.54 0.00	20.93 0.47 0.00	21.73 0.65 0.00	22.72 0.79 0.00	25.92 0.88 0.00	30.01 0.99 0.00	29.89 0.81 0.00	26.37 0.38 -0.43	23.89 0.39 -0.45	21.98 0.41 -0.04	20.37 0.26 0.00	19.79 0.56 0.00
MCINTYRE_115KV_TB2 80467	17.72 -0.05 0.00	16.44 -0.08 0.00	14.62 -0.04 0.00	14.41 -0.03 0.00	14.36 -0.06 0.00	15.99 -0.11 0.00	23.27 -0.21 0.00	25.00 -0.38 0.00	23.44 -0.50 0.00	21.10 -0.50 0.00	20.58 -0.36 0.00	19.96 -0.45 0.00	19.44 -0.46 0.00	20.09 -0.37 0.00	20.67 -0.40 0.00	21.40 -0.53 0.00	24.57 -0.48 0.00	28.48 -0.55 0.00	28.73 -0.35 0.00	25.30 -0.26 0.00	22.75 -0.30 0.00	21.23 -0.30 0.00	20.01 -0.10 0.00	19.06 -0.17 0.00
MECO____69_KV_BK1 80468	19.39 1.62 0.00	18.03 1.50 0.00	15.93 1.28 0.00	15.71 1.27 0.00	15.72 1.30 0.00	17.71 1.61 0.00	26.16 2.68 0.00	28.09 2.72 0.00	26.39 2.44 0.00	23.69 2.09 0.00	22.92 1.99 0.00	22.13 1.71 0.00	21.51 1.61 0.00	22.26 1.80 0.00	22.84 1.77 0.00	24.41 2.48 0.00	28.02 2.98 0.00	32.42 3.40 0.00	32.54 3.46 0.00	31.36 2.99 -2.81	28.70 2.72 -2.93	24.31 2.52 -0.26	22.32 2.21 0.00	21.11 1.88 0.00
MENANDS__115KV_TB5 355628	18.18 0.41 0.00	16.95 0.43 0.00	15.06 0.40 0.00	14.81 0.38 0.00	14.83 0.40 0.00	16.55 0.45 0.00	24.12 0.63 0.00	26.22 0.84 0.00	24.69 0.74 0.00	22.22 0.63 0.00	21.42 0.48 0.00	20.90 0.49 0.00	20.42 0.52 0.00	20.91 0.45 0.00	21.58 0.51 0.00	22.67 0.75 0.00	25.89 0.85 0.00	30.04 1.02 0.00	30.12 1.05 0.00	29.21 0.92 -2.73	26.72 0.83 -2.84	22.55 0.78 -0.25	20.69 0.58 0.00	19.71 0.48 0.00
MG INDUSTRY__DRP 24185	18.28 0.52 0.00	17.03 0.51 0.00	15.13 0.47 0.00	14.88 0.45 0.00	14.90 0.48 0.00	16.63 0.53 0.00	24.26 0.78 0.00	26.32 0.94 0.00	24.78 0.84 0.00	22.31 0.71 0.00	21.52 0.59 0.00	21.00 0.59 0.00	20.50 0.60 0.00	21.03 0.57 0.00	21.69 0.61 0.00	22.78 0.86 0.00	26.04 1.00 0.00	30.19 1.16 0.00	30.27 1.19 0.00	29.28 1.05 -2.67	26.76 0.92 -2.78	22.63 0.86 -0.24	20.79 0.68 0.00	19.81 0.58 0.00
MID__OSWEGATCHIE_HYD 23849	17.72 -0.05 0.00	16.46 -0.07 0.00	14.60 -0.06 0.00	14.41 -0.03 0.00	14.35 -0.07 0.00	16.03 -0.06 0.00	23.34 -0.14 0.00	25.00 -0.38 0.00	23.44 -0.50 0.00	21.08 -0.52 0.00	20.47 -0.46 0.00	19.90 -0.51 0.00	19.41 -0.50 0.00	20.01 -0.45 0.00	20.59 -0.48 0.00	21.36 -0.57 0.00	24.59 -0.45 0.00	28.50 -0.52 0.00	28.73 -0.35 0.00	25.24 -0.38 -0.07	22.70 -0.41 -0.07	21.13 -0.41 -0.01	19.81 -0.30 0.00	18.90 -0.33 0.00
MID__RAQUETTE_HYD 23851	17.48 -0.28 0.00	16.21 -0.31 0.00	14.44 -0.22 0.00	14.20 -0.23 0.00	14.18 -0.25 0.00	15.78 -0.32 0.00	22.90 -0.59 0.00	24.47 -0.91 0.00	22.94 -1.01 0.00	20.67 -0.93 0.00	20.14 -0.80 0.00	19.55 -0.86 0.00	19.05 -0.86 0.00	19.62 -0.84 0.00	20.21 -0.86 0.00	20.92 -1.01 0.00	24.02 -1.03 0.00	27.78 -1.25 0.00	28.03 -1.05 0.00	24.69 -0.87 0.00	22.20 -0.85 0.00	20.80 -0.73 0.00	19.69 -0.42 0.00	18.79 -0.44 0.00
MILLIKEN__1 23584	18.32 0.55 0.00	17.03 0.51 0.00	15.06 0.40 0.00	14.87 0.43 0.00	14.83 0.40 0.00	16.60 0.50 0.00	24.26 0.78 0.00	26.04 0.66 0.00	24.57 0.62 0.00	22.09 0.50 0.00	21.39 0.46 0.00	20.82 0.41 0.00	20.28 0.38 0.00	20.99 0.53 0.00	21.58 0.51 0.00	22.50 0.57 0.00	25.79 0.75 0.00	29.93 0.90 0.00	29.92 0.84 0.00	26.66 0.64 -0.47	24.13 0.60 -0.48	22.11 0.54 -0.04	20.57 0.46 0.00	19.73 0.50 0.00
MILLIKEN__2 23585	18.32 0.55 0.00	17.03 0.51 0.00	15.06 0.40 0.00	14.87 0.43 0.00	14.83 0.40 0.00	16.60 0.50 0.00	24.26 0.78 0.00	26.04 0.66 0.00	24.57 0.62 0.00	22.09 0.50 0.00	21.39 0.46 0.00	20.82 0.41 0.00	20.28 0.38 0.00	20.99 0.53 0.00	21.58 0.51 0.00	22.50 0.57 0.00	25.79 0.75 0.00	29.93 0.90 0.00	29.92 0.84 0.00	26.66 0.64 -0.47	24.13 0.60 -0.48	22.11 0.54 -0.04	20.57 0.46 0.00	19.73 0.50 0.00
MILLIKEN__DIESEL 23629	18.32 0.55 0.00	17.03 0.51 0.00	15.06 0.40 0.00	14.87 0.43 0.00	14.83 0.40 0.00	16.60 0.50 0.00	24.26 0.78 0.00	26.04 0.66 0.00	24.57 0.62 0.00	22.09 0.50 0.00	21.39 0.46 0.00	20.82 0.41 0.00	20.28 0.38 0.00	20.99 0.53 0.00	21.58 0.51 0.00	22.50 0.57 0.00	25.79 0.75 0.00	29.93 0.90 0.00	29.92 0.84 0.00	26.66 0.64 -0.47	24.13 0.60 -0.48	22.11 0.54 -0.04	20.57 0.46 0.00	19.73 0.50 0.00

MILLSEAT___LFGE 323607	18.46 0.69 0.00	17.18 0.66 0.00	15.35 0.69 0.00	15.17 0.74 0.00	15.04 0.62 0.00	16.79 0.69 0.00	23.98 0.49 0.00	25.05 -0.33 0.00	23.71 -0.24 0.00	21.51 -0.09 0.00	20.81 -0.12 0.00	20.35 -0.06 0.00	19.86 -0.04 0.00	20.23 -0.22 0.00	21.05 -0.02 0.00	22.06 0.13 0.00	24.99 -0.05 0.00	29.00 -0.03 0.00	28.93 -0.14 0.00	25.71 -0.15 -0.30	23.34 -0.02 -0.31	21.38 -0.17 -0.03	19.79 -0.32 0.00	19.52 0.29 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	18.46 0.69 0.00	17.17 0.64 0.00	15.25 0.59 0.00	14.97 0.53 0.00	15.00 0.58 0.00	16.71 0.61 0.00	24.49 1.01 0.00	26.75 1.37 0.00	25.31 1.36 0.00	22.87 1.27 0.00	22.00 1.07 0.00	21.49 1.08 0.00	20.98 1.07 0.00	21.46 1.00 0.00	22.17 1.10 0.00	23.24 1.32 0.00	26.57 1.53 0.00	30.80 1.77 0.00	30.82 1.74 0.00	29.22 1.53 -2.13	26.65 1.38 -2.22	23.02 1.29 -0.19	21.24 1.13 0.00	20.13 0.90 0.00
MILLWOOD_13_KV_LOAD 356217	18.50 0.73 0.00	17.20 0.68 0.00	15.27 0.62 0.00	15.00 0.56 0.00	15.01 0.59 0.00	16.73 0.63 0.00	24.54 1.06 0.00	26.80 1.42 0.00	25.36 1.41 0.00	22.89 1.30 0.00	22.02 1.09 0.00	21.51 1.10 0.00	21.00 1.09 0.00	21.48 1.02 0.00	22.17 1.10 0.00	23.31 1.38 0.00	26.59 1.55 0.00	30.88 1.86 0.00	30.88 1.80 0.00	29.27 1.58 -2.13	26.72 1.45 -2.22	23.06 1.33 -0.19	21.26 1.15 0.00	20.15 0.92 0.00
MODEL_CITY_ENERGY 24167	18.09 0.32 0.00	16.85 0.33 0.00	15.08 0.43 0.00	14.91 0.48 0.00	14.81 0.39 0.00	16.48 0.39 0.00	23.41 -0.07 0.00	24.31 -1.06 0.00	23.03 -0.91 0.00	20.93 -0.67 0.00	20.24 -0.69 0.00	19.84 -0.57 0.00	19.39 -0.52 0.00	19.74 -0.72 0.00	20.55 -0.53 0.00	21.51 -0.42 0.00	24.34 -0.70 0.00	28.13 -0.90 0.00	28.03 -1.05 0.00	24.95 -0.92 -0.31	22.64 -0.74 -0.33	20.80 -0.75 -0.03	19.25 -0.86 0.00	19.10 -0.13 0.00
MODERN_LFGE___ 323580	18.09 0.32 0.00	16.85 0.33 0.00	15.08 0.43 0.00	14.91 0.48 0.00	14.81 0.39 0.00	16.48 0.39 0.00	23.41 -0.07 0.00	24.31 -1.06 0.00	23.03 -0.91 0.00	20.93 -0.67 0.00	20.24 -0.69 0.00	19.84 -0.57 0.00	19.39 -0.52 0.00	19.74 -0.72 0.00	20.55 -0.53 0.00	21.51 -0.42 0.00	24.34 -0.70 0.00	28.13 -0.90 0.00	28.03 -1.05 0.00	24.95 -0.92 -0.31	22.64 -0.74 -0.33	20.80 -0.75 -0.03	19.25 -0.86 0.00	19.10 -0.13 0.00
MOHAWK_PAPER___DRP 24187	18.28 0.52 0.00	17.03 0.51 0.00	15.13 0.47 0.00	14.87 0.43 0.00	14.88 0.46 0.00	16.63 0.53 0.00	24.26 0.78 0.00	26.37 0.99 0.00	24.83 0.89 0.00	22.35 0.76 0.00	21.52 0.59 0.00	21.02 0.61 0.00	20.52 0.62 0.00	21.03 0.57 0.00	21.69 0.61 0.00	22.81 0.88 0.00	26.07 1.03 0.00	30.25 1.22 0.00	30.30 1.22 0.00	29.36 1.07 -2.73	26.86 0.97 -2.84	22.68 0.90 -0.25	20.81 0.70 0.00	19.81 0.58 0.00
MOHICAN___35_KV_115KV_LD 80490	18.96 1.19 0.00	17.61 1.09 0.00	15.61 0.95 0.00	15.37 0.94 0.00	15.39 0.97 0.00	17.24 1.14 0.00	25.32 1.83 0.00	27.46 2.08 0.00	25.81 1.87 0.00	23.24 1.64 0.00	22.38 1.44 0.00	21.82 1.41 0.00	21.30 1.39 0.00	21.83 1.37 0.00	22.53 1.45 0.00	23.82 1.89 0.00	27.10 2.05 0.00	31.32 2.29 0.00	31.34 2.27 0.00	30.32 1.97 -2.79	27.91 1.96 -2.90	23.55 1.77 -0.25	21.64 1.53 0.00	20.56 1.33 0.00
MONGAUP___HYD 23641	18.41 0.64 0.00	17.10 0.58 0.00	15.16 0.50 0.00	14.95 0.52 0.00	14.96 0.53 0.00	16.65 0.55 0.00	24.38 0.89 0.00	26.52 1.14 0.00	25.02 1.08 0.00	22.61 1.02 0.00	21.77 0.84 0.00	21.23 0.82 0.00	20.70 0.80 0.00	21.28 0.82 0.00	21.96 0.88 0.00	22.94 1.01 0.00	26.24 1.20 0.00	30.27 1.25 0.00	30.35 1.28 0.00	28.71 1.25 -1.90	26.18 1.15 -1.98	22.78 1.08 -0.17	20.99 0.88 0.00	20.02 0.79 0.00
MONTAUK___DIESEL 23721	19.83 2.06 0.00	18.37 1.85 0.00	16.14 1.48 0.00	15.85 1.41 0.00	15.92 1.50 0.00	17.84 1.74 0.00	26.07 2.58 0.00	29.24 3.86 0.00	27.82 3.83 -0.05	25.10 3.50 0.00	25.69 2.70 -2.06	26.15 3.04 -2.70	24.07 2.89 -1.28	26.01 2.64 -2.92	26.76 3.14 -2.54	29.14 3.55 -3.66	31.26 4.06 -2.16	34.34 4.79 -0.52	34.13 4.68 -0.37	47.82 4.29 -17.97	32.52 3.80 -5.67	29.26 3.51 -4.22	23.08 2.96 -0.02	21.73 2.50 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	18.76 1.00 0.00	17.41 0.89 0.00	15.42 0.76 0.00	15.34 0.91 0.00	15.24 0.82 0.00	17.03 0.93 0.00	24.38 0.89 0.00	25.68 0.30 0.00	24.40 0.45 0.00	22.24 0.65 0.00	21.92 0.98 0.00	21.27 0.86 0.00	20.72 0.82 0.00	21.58 1.13 0.00	21.92 0.84 0.00	22.92 0.99 0.00	26.02 0.98 0.00	30.04 1.02 0.00	29.83 0.76 0.00	26.13 0.18 -0.40	23.55 0.09 -0.41	21.76 0.19 -0.04	20.05 -0.06 0.00	19.61 0.38 0.00
MORTIMER_115KV_TB3 55949	18.18 0.41 0.00	16.90 0.38 0.00	14.97 0.31 0.00	14.84 0.40 0.00	14.74 0.32 0.00	16.50 0.40 0.00	23.84 0.35 0.00	25.23 -0.15 0.00	23.82 -0.12 0.00	21.57 -0.02 0.00	21.00 0.06 0.00	20.43 0.02 0.00	19.90 0.00 0.00	20.58 0.12 0.00	21.07 0.00 0.00	22.02 0.09 0.00	25.04 0.00 0.00	29.08 0.06 0.00	29.05 -0.03 0.00	25.93 0.08 -0.30	23.52 0.16 -0.31	21.49 -0.06 -0.03	19.91 -0.20 0.00	19.42 0.19 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	18.51 0.75 0.00	17.23 0.71 0.00	15.30 0.65 0.00	15.03 0.59 0.00	15.04 0.62 0.00	16.76 0.66 0.00	24.57 1.08 0.00	26.90 1.52 0.00	25.48 1.53 0.00	23.02 1.43 0.00	22.13 1.19 0.00	21.64 1.22 0.00	21.12 1.21 0.00	21.60 1.15 0.00	22.32 1.24 0.00	23.38 1.45 0.00	26.74 1.70 0.00	30.97 1.94 0.00	30.97 1.89 0.00	29.37 1.66 -2.15	26.78 1.50 -2.23	23.15 1.42 -0.20	21.38 1.27 0.00	20.25 1.02 0.00
MUNSVILLE_WIND_PWR 323609	19.44 1.67 0.00	18.09 1.57 0.00	15.93 1.27 0.00	15.76 1.33 0.00	15.65 1.23 0.00	17.61 1.51 0.00	25.86 2.37 0.00	27.66 2.29 0.00	25.96 2.01 0.00	23.22 1.62 0.00	22.32 1.38 0.00	21.74 1.33 0.00	21.22 1.31 0.00	21.95 1.49 0.00	22.72 1.64 0.00	23.73 1.80 0.00	27.40 2.35 0.00	31.79 2.76 0.00	31.95 2.88 0.00	28.57 2.33 -0.69	25.80 2.03 -0.72	23.34 1.74 -0.06	21.62 1.51 0.00	20.62 1.39 0.00
N SALMON___HYD 24042	17.98 0.21 0.00	16.65 0.13 0.00	14.86 0.21 0.00	14.62 0.19 0.00	14.61 0.19 0.00	16.21 0.11 0.00	23.41 -0.07 0.00	25.33 -0.05 0.00	23.90 -0.05 0.00	21.55 -0.04 0.00	21.00 0.06 0.00	20.39 -0.02 0.00	19.84 -0.06 0.00	20.42 -0.04 0.00	21.03 -0.04 0.00	21.84 -0.09 0.00	25.02 -0.03 0.00	28.91 -0.12 0.00	29.31 0.23 0.00	25.87 0.31 0.00	23.17 0.12 0.00	21.62 0.09 0.00	20.21 0.10 0.00	19.19 -0.04 0.00
N.AKRON___115KV_KNAPP 355671	18.46 0.69 0.00	17.20 0.68 0.00	15.23 0.57 0.00	15.17 0.74 0.00	15.06 0.63 0.00	16.79 0.69 0.00	23.98 0.49 0.00	25.05 -0.33 0.00	23.68 -0.26 0.00	21.51 -0.09 0.00	21.06 0.13 0.00	20.41 0.00 0.00	19.86 -0.04 0.00	20.70 0.25 0.00	21.07 0.00 0.00	22.06 0.13 0.00	24.99 -0.05 0.00	29.00 -0.03 0.00	28.90 -0.17 0.00	25.72 -0.18 -0.34	23.36 -0.05 -0.35	21.37 -0.19 -0.03	19.77 -0.34 0.00	19.50 0.27 0.00

N.BELMOR_69_KV_BK1 55787	18.92 1.15 0.00	17.56 1.04 0.00	15.49 0.84 0.00	15.21 0.78 0.00	15.26 0.84 0.00	17.06 0.97 0.00	24.99 1.50 0.00	27.54 2.16 0.00	26.12 2.13 -0.05	23.56 1.97 0.00	24.56 1.57 -2.06	24.78 1.67 -2.70	22.82 1.63 -1.28	24.89 1.51 -2.91	25.32 1.71 -2.54	27.54 1.95 -3.66	29.43 2.23 -2.16	32.05 2.58 -0.44	31.90 2.53 -0.29	32.00 2.25 -4.19	30.74 2.03 -5.66	27.65 1.89 -4.22	21.84 1.71 -0.02	20.67 1.44 0.00
N.E_GEN_SANDY PD 24062	18.41 0.64 0.00	17.13 0.61 0.00	15.22 0.56 0.00	14.95 0.52 0.00	14.98 0.56 0.00	16.71 0.61 0.00	24.40 0.92 0.00	26.57 1.19 0.00	25.07 1.13 0.00	22.59 0.99 0.00	21.75 0.82 0.00	21.23 0.82 0.00	20.72 0.82 0.00	21.28 0.82 0.00	21.94 0.86 0.00	22.94 1.01 0.00	26.19 1.15 0.00	30.42 1.39 0.00	30.50 1.42 0.00	29.30 1.28 -2.46	26.77 1.15 -2.56	22.85 1.10 -0.22	20.93 0.82 0.00	20.02 0.79 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	18.43 0.66 0.00	17.13 0.61 0.00	15.22 0.56 0.00	14.95 0.52 0.00	14.97 0.55 0.00	16.68 0.58 0.00	24.45 0.96 0.00	26.67 1.29 0.00	25.24 1.29 0.00	22.81 1.21 0.00	21.96 1.03 0.00	21.43 1.02 0.00	20.92 1.02 0.00	21.42 0.96 0.00	22.11 1.03 0.00	23.18 1.25 0.00	26.49 1.45 0.00	30.71 1.68 0.00	30.73 1.66 0.00	29.06 1.46 -2.05	26.49 1.31 -2.13	22.94 1.23 -0.19	21.22 1.11 0.00	20.11 0.88 0.00
N.QUEENS_27_KV_LOAD 356247	18.63 0.85 -0.01	17.39 0.86 -0.01	15.47 0.81 -0.01	15.21 0.77 -0.01	15.22 0.79 -0.01	16.81 0.71 0.00	24.54 1.06 0.00	26.95 1.57 0.00	25.52 1.58 0.01	23.10 1.51 0.01	22.18 1.26 0.01	21.67 1.27 0.01	21.17 1.27 0.01	21.68 1.23 0.01	22.35 1.29 0.01	23.43 1.51 0.01	26.81 1.78 0.01	31.05 2.03 0.01	31.02 1.95 0.01	29.41 1.71 -2.14	26.93 1.64 -2.24	23.33 1.59 -0.20	21.59 1.47 -0.01	20.51 1.27 -0.01
N.TROY___115KV_TB1 355778	18.46 0.69 0.00	17.17 0.64 0.00	15.25 0.59 0.00	15.00 0.56 0.00	15.01 0.59 0.00	16.77 0.68 0.00	24.52 1.03 0.00	26.60 1.22 0.00	25.07 1.13 0.00	22.53 0.93 0.00	21.73 0.80 0.00	21.21 0.80 0.00	20.70 0.80 0.00	21.21 0.76 0.00	21.88 0.80 0.00	22.98 1.05 0.00	26.24 1.20 0.00	30.45 1.42 0.00	30.53 1.45 0.00	29.59 1.28 -2.75	27.09 1.18 -2.86	22.88 1.10 -0.25	20.99 0.88 0.00	20.02 0.79 0.00
NARROWS_GT1_1 24228	18.61 0.84 -0.01	17.31 0.78 -0.01	15.36 0.69 -0.01	15.09 0.65 -0.01	15.11 0.68 -0.01	16.76 0.66 0.00	24.64 1.15 0.00	27.00 1.63 0.00	25.63 1.68 -0.01	23.23 1.62 -0.01	22.33 1.38 -0.01	21.79 1.37 -0.01	21.25 1.33 -0.01	21.88 1.41 -0.01	22.56 1.47 -0.01	23.56 1.62 -0.01	30.78 1.90 -3.83	31.21 2.18 -0.01	31.21 2.12 -0.01	29.55 1.84 -2.15	26.92 1.64 -2.24	23.26 1.53 -0.20	21.42 1.31 -0.01	20.33 1.10 -0.01
NARROWS_GT1_2 24229	18.61 0.84 -0.01	17.31 0.78 -0.01	15.36 0.69 -0.01	15.09 0.65 -0.01	15.11 0.68 -0.01	16.76 0.66 0.00	24.64 1.15 0.00	27.00 1.63 0.00	25.63 1.68 -0.01	23.23 1.62 -0.01	22.33 1.38 -0.01	21.79 1.37 -0.01	21.25 1.33 -0.01	21.88 1.41 -0.01	22.56 1.47 -0.01	23.56 1.62 -0.01	30.78 1.90 -3.83	31.21 2.18 -0.01	31.21 2.12 -0.01	29.55 1.84 -2.15	26.92 1.64 -2.24	23.26 1.53 -0.20	21.42 1.31 -0.01	20.33 1.10 -0.01
NARROWS_GT1_3 24230	18.61 0.84 -0.01	17.31 0.78 -0.01	15.36 0.69 -0.01	15.09 0.65 -0.01	15.11 0.68 -0.01	16.76 0.66 0.00	24.64 1.15 0.00	27.00 1.63 0.00	25.63 1.68 -0.01	23.23 1.62 -0.01	22.33 1.38 -0.01	21.79 1.37 -0.01	21.25 1.33 -0.01	21.88 1.41 -0.01	22.56 1.47 -0.01	23.56 1.62 -0.01	30.78 1.90 -3.83	31.21 2.18 -0.01	31.21 2.12 -0.01	29.55 1.84 -2.15	26.92 1.64 -2.24	23.26 1.53 -0.20	21.42 1.31 -0.01	20.33 1.10 -0.01
NARROWS_GT1_4 24231	18.61 0.84 -0.01	17.31 0.78 -0.01	15.36 0.69 -0.01	15.09 0.65 -0.01	15.11 0.68 -0.01	16.76 0.66 0.00	24.64 1.15 0.00	27.00 1.63 0.00	25.63 1.68 -0.01	23.23 1.62 -0.01	22.33 1.38 -0.01	21.79 1.37 -0.01	21.25 1.33 -0.01	21.88 1.41 -0.01	22.56 1.47 -0.01	23.56 1.62 -0.01	30.78 1.90 -3.83	31.21 2.18 -0.01	31.21 2.12 -0.01	29.55 1.84 -2.15	26.92 1.64 -2.24	23.26 1.53 -0.20	21.42 1.31 -0.01	20.33 1.10 -0.01
NARROWS_GT1_5 24232	18.61 0.84 -0.01	17.31 0.78 -0.01	15.36 0.69 -0.01	15.09 0.65 -0.01	15.11 0.68 -0.01	16.76 0.66 0.00	24.64 1.15 0.00	27.00 1.63 0.00	25.63 1.68 -0.01	23.23 1.62 -0.01	22.33 1.38 -0.01	21.79 1.37 -0.01	21.25 1.33 -0.01	21.88 1.41 -0.01	22.56 1.47 -0.01	23.56 1.62 -0.01	30.78 1.90 -3.83	31.21 2.18 -0.01	31.21 2.12 -0.01	29.55 1.84 -2.15	26.92 1.64 -2.24	23.26 1.53 -0.20	21.42 1.31 -0.01	20.33 1.10 -0.01
NARROWS_GT1_6 24233	18.61 0.84 -0.01	17.31 0.78 -0.01	15.36 0.69 -0.01	15.09 0.65 -0.01	15.11 0.68 -0.01	16.76 0.66 0.00	24.64 1.15 0.00	27.00 1.63 0.00	25.63 1.68 -0.01	23.23 1.62 -0.01	22.33 1.38 -0.01	21.79 1.37 -0.01	21.25 1.33 -0.01	21.88 1.41 -0.01	22.56 1.47 -0.01	23.56 1.62 -0.01	30.78 1.90 -3.83	31.21 2.18 -0.01	31.21 2.12 -0.01	29.55 1.84 -2.15	26.92 1.64 -2.24	23.26 1.53 -0.20	21.42 1.31 -0.01	20.33 1.10 -0.01
NARROWS_GT1_7 24234	18.61 0.84 -0.01	17.31 0.78 -0.01	15.36 0.69 -0.01	15.09 0.65 -0.01	15.11 0.68 -0.01	16.76 0.66 0.00	24.64 1.15 0.00	27.00 1.63 0.00	25.63 1.68 -0.01	23.23 1.62 -0.01	22.33 1.38 -0.01	21.79 1.37 -0.01	21.25 1.33 -0.01	21.88 1.41 -0.01	22.56 1.47 -0.01	23.56 1.62 -0.01	30.78 1.90 -3.83	31.21 2.18 -0.01	31.21 2.12 -0.01	29.55 1.84 -2.15	26.92 1.64 -2.24	23.26 1.53 -0.20	21.42 1.31 -0.01	20.33 1.10 -0.01
NARROWS_GT1_8 24235	18.61 0.84 -0.01	17.31 0.78 -0.01	15.36 0.69 -0.01	15.09 0.65 -0.01	15.11 0.68 -0.01	16.76 0.66 0.00	24.64 1.15 0.00	27.00 1.63 0.00	25.63 1.68 -0.01	23.23 1.62 -0.01	22.33 1.38 -0.01	21.79 1.37 -0.01	21.25 1.33 -0.01	21.88 1.41 -0.01	22.56 1.47 -0.01	23.56 1.62 -0.01	30.78 1.90 -3.83	31.21 2.18 -0.01	31.21 2.12 -0.01	29.55 1.84 -2.15	26.92 1.64 -2.24	23.26 1.53 -0.20	21.42 1.31 -0.01	20.33 1.10 -0.01
NARROWS_GT2_1 24236	18.61 0.84 -0.01	17.31 0.78 -0.01	15.36 0.69 -0.01	15.09 0.65 -0.01	15.11 0.68 -0.01	16.76 0.66 0.00	24.64 1.15 0.00	27.00 1.63 0.00	25.63 1.68 -0.01	23.23 1.62 -0.01	22.33 1.38 -0.01	21.79 1.37 -0.01	21.25 1.33 -0.01	21.88 1.41 -0.01	22.56 1.47 -0.01	23.56 1.62 -0.01	30.78 1.90 -3.83	31.21 2.18 -0.01	31.21 2.12 -0.01	29.55 1.84 -2.15	26.92 1.64 -2.24	23.26 1.53 -0.20	21.42 1.31 -0.01	20.33 1.10 -0.01
NARROWS_GT2_2 24237	18.61 0.84 -0.01	17.31 0.78 -0.01	15.36 0.69 -0.01	15.09 0.65 -0.01	15.11 0.68 -0.01	16.76 0.66 0.00	24.64 1.15 0.00	27.00 1.63 0.00	25.63 1.68 -0.01	23.23 1.62 -0.01	22.33 1.38 -0.01	21.79 1.37 -0.01	21.25 1.33 -0.01	21.88 1.41 -0.01	22.56 1.47 -0.01	23.56 1.62 -0.01	30.78 1.90 -3.83	31.21 2.18 -0.01	31.21 2.12 -0.01	29.55 1.84 -2.15	26.92 1.64 -2.24	23.26 1.53 -0.20	21.42 1.31 -0.01	20.33 1.10 -0.01

NARROWS_GT2_3 24238	18.61 0.84 -0.01	17.31 0.78 -0.01	15.36 0.69 -0.01	15.09 0.65 -0.01	15.11 0.68 -0.01	16.76 0.66 0.00	24.64 1.15 0.00	27.00 1.63 0.00	25.63 1.68 -0.01	23.23 1.62 -0.01	22.33 1.38 -0.01	21.79 1.37 -0.01	21.25 1.33 -0.01	21.88 1.41 -0.01	22.56 1.47 -0.01	23.56 1.62 -0.01	30.78 1.90 -3.83	31.21 2.18 -0.01	31.21 2.12 -0.01	29.55 1.84 -2.15	26.92 1.64 -2.24	23.26 1.53 -0.20	21.42 1.31 -0.01	20.33 1.10 -0.01
NARROWS_GT2_4 24239	18.61 0.84 -0.01	17.31 0.78 -0.01	15.36 0.69 -0.01	15.09 0.65 -0.01	15.11 0.68 -0.01	16.76 0.66 0.00	24.64 1.15 0.00	27.00 1.63 0.00	25.63 1.68 -0.01	23.23 1.62 -0.01	22.33 1.38 -0.01	21.79 1.37 -0.01	21.25 1.33 -0.01	21.88 1.41 -0.01	22.56 1.47 -0.01	23.56 1.62 -0.01	30.78 1.90 -3.83	31.21 2.18 -0.01	31.21 2.12 -0.01	29.55 1.84 -2.15	26.92 1.64 -2.24	23.26 1.53 -0.20	21.42 1.31 -0.01	20.33 1.10 -0.01
NARROWS_GT2_5 24240	18.61 0.84 -0.01	17.31 0.78 -0.01	15.36 0.69 -0.01	15.09 0.65 -0.01	15.11 0.68 -0.01	16.76 0.66 0.00	24.64 1.15 0.00	27.00 1.63 0.00	25.63 1.68 -0.01	23.23 1.62 -0.01	22.33 1.38 -0.01	21.79 1.37 -0.01	21.25 1.33 -0.01	21.88 1.41 -0.01	22.56 1.47 -0.01	23.56 1.62 -0.01	30.78 1.90 -3.83	31.21 2.18 -0.01	31.21 2.12 -0.01	29.55 1.84 -2.15	26.92 1.64 -2.24	23.26 1.53 -0.20	21.42 1.31 -0.01	20.33 1.10 -0.01
NARROWS_GT2_6 24241	18.61 0.84 -0.01	17.31 0.78 -0.01	15.36 0.69 -0.01	15.09 0.65 -0.01	15.11 0.68 -0.01	16.76 0.66 0.00	24.64 1.15 0.00	27.00 1.63 0.00	25.63 1.68 -0.01	23.23 1.62 -0.01	22.33 1.38 -0.01	21.79 1.37 -0.01	21.25 1.33 -0.01	21.88 1.41 -0.01	22.56 1.47 -0.01	23.56 1.62 -0.01	30.78 1.90 -3.83	31.21 2.18 -0.01	31.21 2.12 -0.01	29.55 1.84 -2.15	26.92 1.64 -2.24	23.26 1.53 -0.20	21.42 1.31 -0.01	20.33 1.10 -0.01
NARROWS_GT2_7 24242	18.61 0.84 -0.01	17.31 0.78 -0.01	15.36 0.69 -0.01	15.09 0.65 -0.01	15.11 0.68 -0.01	16.76 0.66 0.00	24.64 1.15 0.00	27.00 1.63 0.00	25.63 1.68 -0.01	23.23 1.62 -0.01	22.33 1.38 -0.01	21.79 1.37 -0.01	21.25 1.33 -0.01	21.88 1.41 -0.01	22.56 1.47 -0.01	23.56 1.62 -0.01	30.78 1.90 -3.83	31.21 2.18 -0.01	31.21 2.12 -0.01	29.55 1.84 -2.15	26.92 1.64 -2.24	23.26 1.53 -0.20	21.42 1.31 -0.01	20.33 1.10 -0.01
NARROWS_GT2_8 24243	18.61 0.84 -0.01	17.31 0.78 -0.01	15.36 0.69 -0.01	15.09 0.65 -0.01	15.11 0.68 -0.01	16.76 0.66 0.00	24.64 1.15 0.00	27.00 1.63 0.00	25.63 1.68 -0.01	23.23 1.62 -0.01	22.33 1.38 -0.01	21.79 1.37 -0.01	21.25 1.33 -0.01	21.88 1.41 -0.01	22.56 1.47 -0.01	23.56 1.62 -0.01	30.78 1.90 -3.83	31.21 2.18 -0.01	31.21 2.12 -0.01	29.55 1.84 -2.15	26.92 1.64 -2.24	23.26 1.53 -0.20	21.42 1.31 -0.01	20.33 1.10 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	18.48 0.71 0.00	17.22 0.69 0.00	15.29 0.63 0.00	15.08 0.65 0.00	15.09 0.66 0.00	16.82 0.72 0.00	24.57 1.08 0.00	26.65 1.27 0.00	24.97 1.03 0.00	22.44 0.84 0.00	21.54 0.61 0.00	21.04 0.63 0.00	20.54 0.64 0.00	21.03 0.57 0.00	21.75 0.67 0.00	22.94 1.01 0.00	26.27 1.23 0.00	30.54 1.51 0.00	30.67 1.60 0.00	29.43 1.30 -2.57	26.78 1.06 -2.67	22.90 1.14 -0.23	20.99 0.88 0.00	19.98 0.75 0.00
NCHELSEA_115KV_TR2 355582	18.55 0.78 0.00	17.25 0.73 0.00	15.32 0.66 0.00	15.07 0.64 0.00	15.07 0.65 0.00	16.79 0.69 0.00	24.59 1.10 0.00	26.83 1.45 0.00	25.31 1.36 0.00	22.85 1.25 0.00	21.96 1.03 0.00	21.47 1.06 0.00	20.92 1.02 0.00	21.42 0.96 0.00	22.13 1.05 0.00	23.22 1.29 0.00	26.49 1.45 0.00	30.80 1.77 0.00	30.85 1.77 0.00	29.29 1.56 -2.17	26.69 1.38 -2.26	23.04 1.31 -0.20	21.26 1.15 0.00	20.17 0.94 0.00
NEG CAPITAL___MECHNVIL 23645	18.71 0.94 0.00	17.40 0.88 0.00	15.42 0.76 0.00	15.19 0.75 0.00	15.20 0.78 0.00	17.02 0.92 0.00	24.92 1.43 0.00	27.03 1.65 0.00	25.43 1.49 0.00	22.89 1.30 0.00	22.09 1.15 0.00	21.53 1.12 0.00	21.00 1.09 0.00	21.58 1.12 0.00	22.25 1.18 0.00	23.42 1.49 0.00	26.72 1.68 0.00	30.97 1.95 0.00	31.02 1.95 0.00	30.04 1.71 -2.77	27.55 1.61 -2.88	23.25 1.46 -0.25	21.30 1.19 0.00	20.31 1.08 0.00
NEG CENTRAL_HIGH_ACRES 23767	17.79 0.02 0.00	16.55 0.03 0.00	14.69 0.03 0.00	14.49 0.06 0.00	14.42 0.00 0.00	16.15 0.05 0.00	23.41 -0.07 0.00	24.87 -0.51 0.00	23.49 -0.46 0.00	21.23 -0.37 0.00	20.54 -0.40 0.00	20.05 -0.37 0.00	19.55 -0.36 0.00	20.01 -0.45 0.00	20.70 -0.38 0.00	21.64 -0.29 0.00	24.69 -0.35 0.00	28.68 -0.35 0.00	28.64 -0.44 0.00	25.48 -0.33 -0.25	23.08 -0.23 -0.26	21.19 -0.37 -0.02	19.69 -0.42 0.00	19.08 -0.15 0.00
NEG CENTRAL___DRP 24199	18.11 0.34 0.00	16.82 0.30 0.00	14.86 0.21 0.00	14.70 0.26 0.00	14.65 0.23 0.00	16.42 0.32 0.00	23.93 0.45 0.00	25.61 0.23 0.00	24.18 0.24 0.00	21.79 0.19 0.00	21.14 0.21 0.00	20.55 0.14 0.00	20.02 0.12 0.00	20.74 0.29 0.00	21.28 0.21 0.00	22.17 0.24 0.00	25.39 0.35 0.00	29.46 0.44 0.00	29.42 0.35 0.00	26.11 0.23 -0.32	23.61 0.23 -0.33	21.73 0.17 -0.03	20.21 0.10 0.00	19.46 0.23 0.00
NEG CENTRAL___INDECK 23768	18.83 1.07 0.00	17.53 1.01 0.00	15.55 0.89 0.00	15.37 0.94 0.00	15.26 0.84 0.00	17.11 1.01 0.00	24.75 1.27 0.00	26.29 0.91 0.00	24.78 0.84 0.00	22.31 0.71 0.00	21.50 0.57 0.00	20.96 0.55 0.00	20.46 0.56 0.00	20.93 0.47 0.00	21.73 0.65 0.00	22.76 0.83 0.00	26.02 0.98 0.00	30.30 1.28 0.00	30.32 1.25 0.00	26.94 1.02 -0.36	24.44 1.01 -0.38	22.36 0.80 -0.03	20.67 0.56 0.00	20.08 0.85 0.00
NEG CENTRAL___SENECA 23627	18.25 0.48 0.00	16.97 0.45 0.00	15.00 0.34 0.00	14.84 0.40 0.00	14.78 0.36 0.00	16.57 0.47 0.00	24.12 0.63 0.00	25.71 0.33 0.00	24.28 0.34 0.00	21.88 0.28 0.00	21.29 0.36 0.00	20.66 0.24 0.00	20.10 0.20 0.00	20.89 0.43 0.00	21.37 0.30 0.00	22.30 0.37 0.00	25.54 0.50 0.00	29.64 0.61 0.00	29.57 0.49 0.00	26.24 0.33 -0.35	23.76 0.35 -0.36	21.80 0.24 -0.03	20.29 0.18 0.00	19.58 0.35 0.00
NEG CENTRAL___STATE_STREET 24147	18.09 0.32 0.00	16.82 0.30 0.00	14.86 0.21 0.00	14.67 0.23 0.00	14.64 0.22 0.00	16.39 0.29 0.00	23.95 0.47 0.00	25.91 0.53 0.00	24.47 0.53 0.00	22.03 0.43 0.00	21.21 0.27 0.00	20.78 0.37 0.00	20.22 0.32 0.00	20.80 0.35 0.00	21.52 0.44 0.00	22.41 0.48 0.00	25.69 0.65 0.00	29.78 0.75 0.00	29.77 0.70 0.00	26.38 0.51 -0.31	23.86 0.48 -0.33	21.99 0.43 -0.03	20.33 0.22 0.00	19.54 0.31 0.00
NEG MILLWOOD___DRP 24198	18.60 0.84 0.00	17.30 0.78 0.00	15.35 0.69 0.00	15.10 0.66 0.00	15.09 0.66 0.00	16.79 0.69 0.00	24.66 1.17 0.00	26.90 1.52 0.00	25.43 1.48 0.00	22.91 1.32 0.00	22.04 1.11 0.00	21.53 1.12 0.00	21.00 1.09 0.00	21.48 1.02 0.00	22.17 1.10 0.00	23.38 1.45 0.00	26.62 1.58 0.00	30.97 1.94 0.00	31.05 1.98 0.00	29.48 1.74 -2.19	26.87 1.54 -2.28	23.15 1.42 -0.20	21.30 1.19 0.00	20.19 0.96 0.00

NEG NORTH_FLCN_SEA 23793	18.14 0.37 0.00	16.80 0.28 0.00	15.00 0.34 0.00	14.75 0.32 0.00	14.74 0.32 0.00	16.36 0.26 0.00	23.37 -0.12 0.00	25.43 0.05 0.00	23.99 0.05 0.00	21.66 0.06 0.00	21.02 0.08 0.00	20.49 0.08 0.00	19.92 0.02 0.00	20.42 -0.04 0.00	21.14 0.06 0.00	21.93 0.00 0.00	25.12 0.08 0.00	29.00 -0.03 0.00	29.69 0.61 0.00	26.17 0.61 0.00	23.42 0.37 0.00	21.85 0.32 0.00	20.31 0.20 0.00	19.29 0.06 0.00
NEG NORTH_KES_CHATEGAY 23792	17.96 0.20 0.00	16.64 0.12 0.00	14.84 0.18 0.00	14.59 0.16 0.00	14.58 0.16 0.00	16.19 0.10 0.00	23.32 -0.16 0.00	25.33 -0.05 0.00	23.90 -0.05 0.00	21.60 0.00 0.00	20.96 0.02 0.00	20.41 0.00 0.00	19.86 -0.04 0.00	20.40 -0.06 0.00	21.07 0.00 0.00	21.86 -0.07 0.00	25.02 -0.03 0.00	28.91 -0.12 0.00	29.37 0.29 0.00	25.89 0.33 0.00	23.19 0.14 0.00	21.64 0.11 0.00	20.13 0.02 0.00	19.11 -0.12 0.00
NEG NORTH___ALICE_FALLS 23915	18.12 0.36 0.00	16.77 0.25 0.00	14.98 0.32 0.00	14.72 0.29 0.00	14.73 0.30 0.00	16.32 0.23 0.00	23.41 -0.07 0.00	25.48 0.10 0.00	24.04 0.10 0.00	21.70 0.11 0.00	21.06 0.13 0.00	20.51 0.10 0.00	19.96 0.06 0.00	20.46 0.00 0.00	21.16 0.08 0.00	21.99 0.07 0.00	25.19 0.15 0.00	29.08 0.06 0.00	29.69 0.61 0.00	26.17 0.61 0.00	23.42 0.37 0.00	21.85 0.32 0.00	20.31 0.20 0.00	19.27 0.04 0.00
NEG NORTH___LWR_SARANAC 23913	18.12 0.36 0.00	16.77 0.25 0.00	14.98 0.32 0.00	14.72 0.29 0.00	14.73 0.30 0.00	16.32 0.23 0.00	23.41 -0.07 0.00	25.48 0.10 0.00	24.04 0.10 0.00	21.70 0.11 0.00	21.06 0.13 0.00	20.51 0.10 0.00	19.96 0.06 0.00	20.46 0.00 0.00	21.16 0.08 0.00	21.99 0.07 0.00	25.19 0.15 0.00	29.08 0.06 0.00	29.69 0.61 0.00	26.17 0.61 0.00	23.42 0.37 0.00	21.85 0.32 0.00	20.31 0.20 0.00	19.27 0.04 0.00
NEG NORTH___PLATTSBURG 23628	18.12 0.36 0.00	16.77 0.25 0.00	14.98 0.32 0.00	14.72 0.29 0.00	14.73 0.30 0.00	16.32 0.23 0.00	23.41 -0.07 0.00	25.48 0.10 0.00	24.04 0.10 0.00	21.68 0.09 0.00	21.14 0.21 0.00	20.51 0.10 0.00	19.96 0.06 0.00	20.54 0.08 0.00	21.16 0.08 0.00	22.00 0.07 0.00	25.19 0.15 0.00	29.08 0.06 0.00	29.69 0.61 0.00	26.17 0.61 0.00	23.42 0.37 0.00	21.85 0.32 0.00	20.31 0.20 0.00	19.27 0.04 0.00
NEG WEST_LEA_LOCKPORT 23791	18.25 0.48 0.00	16.97 0.45 0.00	15.04 0.38 0.00	15.00 0.56 0.00	14.90 0.48 0.00	16.60 0.50 0.00	23.67 0.19 0.00	24.62 -0.76 0.00	23.32 -0.62 0.00	21.19 -0.41 0.00	20.77 -0.17 0.00	20.17 -0.24 0.00	19.62 -0.28 0.00	20.46 0.00 0.00	20.80 -0.27 0.00	21.75 -0.18 0.00	24.62 -0.43 0.00	28.48 -0.55 0.00	28.38 -0.70 0.00	25.24 -0.66 -0.35	22.93 -0.48 -0.36	21.02 -0.54 -0.03	19.43 -0.68 0.00	19.23 0.00 0.00
NEG WEST___LANCASTR 23811	18.25 0.48 0.00	16.93 0.41 0.00	15.01 0.35 0.00	14.91 0.48 0.00	14.83 0.40 0.00	16.55 0.45 0.00	23.81 0.33 0.00	25.13 -0.25 0.00	23.82 -0.12 0.00	21.64 0.04 0.00	21.21 0.27 0.00	20.58 0.16 0.00	20.04 0.14 0.00	20.85 0.39 0.00	21.24 0.17 0.00	22.21 0.29 0.00	25.19 0.15 0.00	29.11 0.09 0.00	28.99 -0.09 0.00	24.88 -1.07 -0.39	22.56 -0.90 -0.41	21.29 -0.28 -0.04	19.77 -0.34 0.00	19.33 0.10 0.00
NEG_PENN_ALLEGHNY 23528	18.23 0.46 0.00	16.95 0.43 0.00	15.03 0.37 0.00	14.80 0.36 0.00	14.77 0.35 0.00	16.52 0.42 0.00	24.09 0.61 0.00	25.89 0.51 0.00	24.47 0.53 0.00	22.07 0.47 0.00	21.31 0.38 0.00	20.78 0.37 0.00	20.28 0.38 0.00	20.84 0.39 0.00	21.52 0.44 0.00	22.45 0.53 0.00	25.62 0.58 0.00	29.66 0.64 0.00	29.66 0.58 0.00	26.60 0.36 -0.68	24.13 0.37 -0.71	21.96 0.37 -0.06	20.41 0.30 0.00	19.59 0.36 0.00
NEG___GEN_MONROE 24207	18.30 0.53 0.00	17.03 0.51 0.00	15.06 0.40 0.00	14.94 0.51 0.00	14.84 0.42 0.00	16.61 0.52 0.00	23.93 0.45 0.00	25.20 -0.18 0.00	23.80 -0.14 0.00	21.55 -0.04 0.00	21.04 0.10 0.00	20.45 0.04 0.00	19.88 -0.02 0.00	20.60 0.14 0.00	21.05 -0.02 0.00	21.95 0.02 0.00	24.94 -0.10 0.00	29.00 -0.03 0.00	28.96 -0.12 0.00	25.89 0.03 -0.30	23.48 0.12 -0.31	21.47 -0.09 -0.03	19.91 -0.20 0.00	19.48 0.25 0.00
NEPA___ENERGY 23901	18.41 0.64 0.00	17.08 0.56 0.00	15.14 0.48 0.00	15.04 0.61 0.00	14.96 0.53 0.00	16.69 0.60 0.00	24.03 0.54 0.00	25.35 -0.03 0.00	24.04 0.10 0.00	21.86 0.26 0.00	21.37 0.44 0.00	20.78 0.37 0.00	20.24 0.34 0.00	20.99 0.53 0.00	21.43 0.36 0.00	22.41 0.48 0.00	25.44 0.40 0.00	29.40 0.38 0.00	29.28 0.20 0.00	25.73 -0.23 -0.40	23.33 -0.14 -0.41	21.59 0.02 -0.04	19.95 -0.16 0.00	19.52 0.29 0.00
NEVERSINK___HYD 23608	18.34 0.57 0.00	17.03 0.51 0.00	15.08 0.43 0.00	14.90 0.46 0.00	14.88 0.46 0.00	16.57 0.47 0.00	24.28 0.80 0.00	26.44 1.07 0.00	24.93 0.98 0.00	22.52 0.93 0.00	21.69 0.75 0.00	21.15 0.73 0.00	20.08 0.18 0.00	20.64 0.18 0.00	21.33 0.25 0.00	22.26 0.33 0.00	25.44 0.40 0.00	29.58 0.55 0.00	29.66 0.58 0.00	27.92 0.51 -1.85	25.97 0.99 -1.92	22.64 0.95 -0.17	20.89 0.78 0.00	19.90 0.67 0.00
NEWKRMKL_115KV_TB1 55635	18.07 0.30 0.00	16.87 0.35 0.00	14.98 0.32 0.00	14.74 0.30 0.00	14.75 0.33 0.00	16.47 0.37 0.00	24.00 0.52 0.00	26.06 0.69 0.00	24.57 0.62 0.00	22.09 0.50 0.00	21.31 0.38 0.00	20.80 0.39 0.00	20.32 0.42 0.00	20.83 0.37 0.00	21.47 0.40 0.00	22.57 0.64 0.00	25.79 0.75 0.00	29.90 0.87 0.00	29.98 0.90 0.00	29.08 0.79 -2.73	26.61 0.71 -2.84	22.42 0.65 -0.25	20.59 0.48 0.00	19.60 0.37 0.00
NEWTON___FALLS_HYD 23847	17.72 -0.05 0.00	16.46 -0.07 0.00	14.60 -0.06 0.00	14.41 -0.03 0.00	14.35 -0.07 0.00	16.03 -0.06 0.00	23.34 -0.14 0.00	25.00 -0.38 0.00	23.44 -0.50 0.00	21.08 -0.52 0.00	20.47 -0.46 0.00	19.90 -0.51 0.00	19.41 -0.50 0.00	20.01 -0.45 0.00	20.59 -0.48 0.00	21.36 -0.57 0.00	24.59 -0.45 0.00	28.50 -0.52 0.00	28.73 -0.35 0.00	25.24 -0.38 -0.07	22.70 -0.41 -0.07	21.13 -0.41 -0.01	19.81 -0.30 0.00	18.90 -0.33 0.00
NGRID_A1_DSASP 323792	17.88 0.11 0.00	16.60 0.08 0.00	14.84 0.18 0.00	14.65 0.22 0.00	14.57 0.14 0.00	16.24 0.14 0.00	23.25 -0.23 0.00	24.19 -1.19 0.00	22.92 -1.03 0.00	20.84 -0.76 0.00	20.14 -0.80 0.00	19.74 -0.67 0.00	19.31 -0.60 0.00	19.60 -0.86 0.00	20.38 -0.69 0.00	21.32 -0.61 0.00	24.12 -0.93 0.00	27.86 -1.16 0.00	27.77 -1.31 0.00	24.75 -1.12 -0.31	22.48 -0.90 -0.33	20.63 -0.93 -0.03	19.08 -1.02 0.00	18.92 -0.31 0.00
NGRID_A2_DSASP 323793	17.88 0.11 0.00	16.60 0.08 0.00	14.84 0.18 0.00	14.65 0.22 0.00	14.57 0.14 0.00	16.24 0.14 0.00	23.25 -0.23 0.00	24.19 -1.19 0.00	22.92 -1.03 0.00	20.84 -0.76 0.00	20.14 -0.80 0.00	19.74 -0.67 0.00	19.31 -0.60 0.00	19.60 -0.86 0.00	20.38 -0.69 0.00	21.32 -0.61 0.00	24.12 -0.93 0.00	27.86 -1.16 0.00	27.77 -1.31 0.00	24.75 -1.12 -0.31	22.48 -0.90 -0.33	20.63 -0.93 -0.03	19.08 -1.02 0.00	18.92 -0.31 0.00

NGRID_A4_DSASP 323807	17.88 0.11 0.00	16.60 0.08 0.00	14.73 0.07 0.00	14.65 0.22 0.00	14.57 0.14 0.00	16.24 0.14 0.00	23.25 -0.23 0.00	24.19 -1.19 0.00	22.91 -1.03 0.00	20.82 -0.78 0.00	20.41 -0.52 0.00	19.82 -0.59 0.00	19.31 -0.60 0.00	20.05 -0.41 0.00	20.40 -0.67 0.00	21.34 -0.59 0.00	24.12 -0.93 0.00	27.87 -1.16 0.00	27.77 -1.31 0.00	24.79 -1.12 -0.35	22.52 -0.90 -0.37	20.62 -0.95 -0.03	19.04 -1.07 0.00	18.98 -0.25 0.00
NIAGARA_115E_LBMP 323715	18.02 0.25 0.00	16.80 0.28 0.00	15.04 0.38 0.00	14.87 0.43 0.00	14.77 0.35 0.00	16.42 0.32 0.00	23.30 -0.19 0.00	24.16 -1.22 0.00	22.89 -1.05 0.00	20.80 -0.80 0.00	20.12 -0.82 0.00	19.72 -0.69 0.00	19.27 -0.64 0.00	19.64 -0.82 0.00	20.44 -0.63 0.00	21.38 -0.55 0.00	24.19 -0.85 0.00	27.95 -1.07 0.00	27.86 -1.22 0.00	24.80 -1.07 -0.31	22.53 -0.85 -0.33	20.68 -0.88 -0.03	19.12 -0.98 0.00	19.02 -0.21 0.00
NIAGARA_115W_LBMP 323714	17.84 0.07 0.00	16.57 0.05 0.00	14.79 0.13 0.00	14.62 0.19 0.00	14.52 0.10 0.00	16.20 0.10 0.00	23.20 -0.28 0.00	24.11 -1.27 0.00	22.84 -1.10 0.00	20.78 -0.82 0.00	20.08 -0.86 0.00	19.68 -0.73 0.00	19.25 -0.66 0.00	19.54 -0.92 0.00	20.32 -0.76 0.00	21.27 -0.66 0.00	24.04 -1.00 0.00	27.78 -1.25 0.00	27.68 -1.40 0.00	24.70 -1.18 -0.31	22.43 -0.95 -0.33	20.57 -0.99 -0.03	19.02 -1.09 0.00	18.86 -0.37 0.00
NIAGARA_230_LBMP 323716	18.05 0.28 0.00	16.77 0.25 0.00	14.98 0.32 0.00	14.80 0.36 0.00	14.71 0.29 0.00	16.40 0.31 0.00	23.49 0.00 0.00	24.47 -0.91 0.00	23.15 -0.79 0.00	21.06 -0.54 0.00	20.37 -0.56 0.00	19.94 -0.47 0.00	19.50 -0.40 0.00	19.80 -0.66 0.00	20.59 -0.48 0.00	21.56 -0.37 0.00	24.37 -0.67 0.00	28.16 -0.87 0.00	28.06 -1.02 0.00	25.00 -0.87 -0.31	22.70 -0.67 -0.32	20.85 -0.71 -0.03	19.30 -0.80 0.00	19.13 -0.10 0.00
NIAGARA__115KV_198_GIBSON 55903	17.84 0.07 0.00	16.57 0.05 0.00	14.69 0.03 0.00	14.62 0.19 0.00	14.52 0.10 0.00	16.19 0.10 0.00	23.20 -0.28 0.00	24.11 -1.27 0.00	22.84 -1.10 0.00	20.75 -0.84 0.00	20.33 -0.61 0.00	19.76 -0.65 0.00	19.25 -0.66 0.00	20.01 -0.45 0.00	20.34 -0.74 0.00	21.27 -0.66 0.00	24.04 -1.00 0.00	27.78 -1.25 0.00	27.68 -1.40 0.00	24.74 -1.18 -0.35	22.47 -0.95 -0.37	20.57 -0.99 -0.03	18.98 -1.13 0.00	18.94 -0.29 0.00
NIAGARA____ 23760	18.05 0.28 0.00	16.77 0.25 0.00	14.98 0.32 0.00	14.80 0.36 0.00	14.71 0.29 0.00	16.40 0.31 0.00	23.49 0.00 0.00	24.47 -0.91 0.00	23.15 -0.79 0.00	21.06 -0.54 0.00	20.37 -0.56 0.00	19.94 -0.47 0.00	19.50 -0.40 0.00	19.80 -0.66 0.00	20.59 -0.48 0.00	21.56 -0.37 0.00	24.37 -0.67 0.00	28.16 -0.87 0.00	28.06 -1.02 0.00	25.00 -0.87 -0.31	22.71 -0.67 -0.33	20.85 -0.71 -0.03	19.30 -0.80 0.00	19.13 -0.10 0.00
NINE_MILE_1 23575	17.47 -0.30 0.00	16.24 -0.28 0.00	14.40 -0.26 0.00	14.19 -0.25 0.00	14.16 -0.26 0.00	15.82 -0.27 0.00	23.09 -0.40 0.00	24.77 -0.61 0.00	23.35 -0.60 0.00	21.08 -0.52 0.00	20.39 -0.54 0.00	19.88 -0.53 0.00	19.41 -0.50 0.00	19.93 -0.53 0.00	20.51 -0.57 0.00	21.36 -0.57 0.00	24.44 -0.60 0.00	28.33 -0.70 0.00	28.35 -0.73 0.00	25.05 -0.64 -0.13	22.64 -0.55 -0.14	21.01 -0.54 -0.01	19.67 -0.44 0.00	18.86 -0.37 0.00
NINE_MILE_2 23744	17.47 -0.30 0.00	16.24 -0.28 0.00	14.41 -0.25 0.00	14.19 -0.25 0.00	14.16 -0.26 0.00	15.82 -0.27 0.00	23.09 -0.40 0.00	24.77 -0.61 0.00	23.37 -0.57 0.00	21.08 -0.52 0.00	20.39 -0.54 0.00	19.88 -0.53 0.00	19.41 -0.50 0.00	19.93 -0.53 0.00	20.51 -0.57 0.00	21.36 -0.57 0.00	24.44 -0.60 0.00	28.33 -0.70 0.00	28.35 -0.73 0.00	25.05 -0.64 -0.13	22.64 -0.55 -0.14	21.01 -0.54 -0.01	19.67 -0.44 0.00	18.86 -0.37 0.00
NM_CAPITAL____DRP 24208	18.12 0.36 0.00	16.90 0.38 0.00	15.03 0.37 0.00	14.77 0.33 0.00	14.80 0.37 0.00	16.50 0.40 0.00	24.05 0.56 0.00	26.14 0.76 0.00	24.64 0.69 0.00	22.16 0.56 0.00	21.35 0.42 0.00	20.86 0.45 0.00	20.36 0.46 0.00	20.87 0.41 0.00	21.52 0.44 0.00	22.61 0.68 0.00	25.82 0.78 0.00	29.98 0.96 0.00	30.04 0.96 0.00	29.12 0.84 -2.72	26.64 0.76 -2.83	22.49 0.71 -0.25	20.63 0.52 0.00	19.65 0.42 0.00
NM_CENTRAL____DRP 24181	17.84 0.07 0.00	16.59 0.07 0.00	14.67 0.01 0.00	14.48 0.04 0.00	14.44 0.01 0.00	16.16 0.06 0.00	23.58 0.09 0.00	25.28 -0.10 0.00	23.87 -0.07 0.00	21.51 -0.09 0.00	20.87 -0.06 0.00	20.31 -0.10 0.00	19.80 -0.10 0.00	20.46 0.00 0.00	21.01 -0.06 0.00	21.86 -0.07 0.00	25.02 -0.03 0.00	28.94 -0.09 0.00	28.93 -0.15 0.00	25.64 -0.15 -0.23	23.22 -0.07 -0.24	21.47 -0.09 -0.02	20.03 -0.08 0.00	19.25 0.02 0.00
NM_FRONTIER____DRP 24179	17.84 0.07 0.00	16.57 0.05 0.00	14.69 0.03 0.00	14.62 0.19 0.00	14.52 0.10 0.00	16.19 0.10 0.00	23.20 -0.28 0.00	24.11 -1.27 0.00	22.84 -1.10 0.00	20.75 -0.84 0.00	20.33 -0.61 0.00	19.76 -0.65 0.00	19.25 -0.66 0.00	20.01 -0.45 0.00	20.34 -0.74 0.00	21.27 -0.66 0.00	24.04 -1.00 0.00	27.78 -1.25 0.00	27.68 -1.40 0.00	24.74 -1.18 -0.35	22.47 -0.95 -0.37	20.57 -0.99 -0.03	18.98 -1.13 0.00	18.94 -0.29 0.00
NM_ST_REGIS____HYD 24053	17.59 -0.18 0.00	16.31 -0.21 0.00	14.53 -0.13 0.00	14.31 -0.13 0.00	14.28 -0.14 0.00	15.87 -0.23 0.00	23.02 -0.47 0.00	24.69 -0.69 0.00	23.15 -0.79 0.00	20.88 -0.71 0.00	20.35 -0.59 0.00	19.76 -0.65 0.00	19.23 -0.68 0.00	19.80 -0.65 0.00	20.40 -0.67 0.00	21.14 -0.79 0.00	24.24 -0.80 0.00	28.04 -0.99 0.00	28.35 -0.73 0.00	24.97 -0.59 0.00	22.43 -0.62 0.00	20.99 -0.54 0.00	19.81 -0.30 0.00	18.86 -0.37 0.00
NORTHPORT____1 23551	18.89 1.12 0.00	17.51 0.99 0.00	15.41 0.75 0.00	15.14 0.71 0.00	15.16 0.74 0.00	17.02 0.92 0.00	24.92 1.43 0.00	27.57 2.18 -0.01	26.12 2.13 -0.05	23.59 1.99 -0.01	24.67 1.68 -2.06	24.70 1.59 -2.70	22.72 1.53 -1.28	24.97 1.60 -2.91	25.32 1.71 -2.54	27.49 1.91 -3.66	29.38 2.18 -2.16	31.87 2.41 -0.44	31.75 2.38 -0.29	31.75 2.17 -4.02	30.67 1.96 -5.66	27.67 1.92 -4.22	21.78 1.65 -0.02	20.63 1.40 0.00
NORTHPORT____2 23552	18.89 1.12 0.00	17.51 0.99 0.00	15.41 0.75 0.00	15.14 0.71 0.00	15.16 0.74 0.00	17.02 0.92 0.00	24.92 1.43 0.00	27.57 2.18 -0.01	26.12 2.13 -0.05	23.59 1.99 -0.01	24.67 1.68 -2.06	24.70 1.59 -2.70	22.72 1.53 -1.28	24.97 1.60 -2.91	25.32 1.71 -2.54	27.49 1.91 -3.66	29.38 2.18 -2.16	31.87 2.41 -0.44	31.75 2.38 -0.29	31.75 2.17 -4.02	30.67 1.96 -5.66	27.67 1.92 -4.22	21.78 1.65 -0.02	20.63 1.40 0.00
NORTHPORT____3 23553	19.06 1.30 0.00	17.68 1.16 0.00	15.58 0.92 0.00	15.32 0.88 0.00	15.33 0.91 0.00	17.19 1.10 0.00	25.18 1.69 0.00	27.78 2.38 -0.02	26.30 2.30 -0.05	23.77 2.16 -0.02	24.90 1.90 -2.06	24.96 1.84 -2.71	22.96 1.77 -1.29	25.22 1.84 -2.92	25.54 1.92 -2.55	27.68 2.08 -3.66	29.59 2.38 -2.16	32.17 2.70 -0.45	32.02 2.65 -0.30	31.84 2.25 -4.03	30.88 2.17 -5.67	27.81 2.05 -4.23	21.91 1.77 -0.03	20.83 1.60 -0.01

NORTHPORT___4 23650	19.06 1.30 0.00	17.68 1.16 0.00	15.58 0.92 0.00	15.32 0.88 0.00	15.33 0.91 0.00	17.19 1.10 0.00	25.18 1.69 0.00	27.78 2.38 -0.02	26.30 2.30 -0.05	23.77 2.16 -0.02	24.90 1.90 -2.06	24.96 1.84 -2.71	22.96 1.77 -1.29	25.22 1.84 -2.92	25.54 1.92 -2.55	27.68 2.08 -3.66	29.59 2.38 -2.16	32.17 2.70 -0.45	32.02 2.65 -0.30	31.84 2.25 -4.03	30.88 2.17 -5.67	27.81 2.05 -4.23	21.91 1.77 -0.03	20.83 1.60 -0.01
NORTHPORT___IC 23718	18.89 1.12 0.00	17.51 0.99 0.00	15.41 0.75 0.00	15.14 0.71 0.00	15.16 0.74 0.00	17.02 0.92 0.00	24.92 1.43 0.00	27.57 2.18 -0.01	26.12 2.13 -0.05	23.59 1.99 -0.01	24.67 1.68 -2.06	24.70 1.59 -2.70	22.72 1.53 -1.28	24.97 1.60 -2.91	25.32 1.71 -2.54	27.49 1.91 -3.66	29.38 2.18 -2.16	31.87 2.41 -0.44	31.75 2.38 -0.29	31.75 2.17 -4.02	30.67 1.96 -5.66	27.67 1.92 -4.22	21.78 1.65 -0.02	20.63 1.40 0.00
NORTH___COUNTRY_ESR 323785	17.91 0.14 0.00	16.59 0.07 0.00	14.79 0.13 0.00	14.55 0.11 0.00	14.54 0.11 0.00	16.15 0.05 0.00	23.27 -0.21 0.00	25.25 -0.13 0.00	23.83 -0.12 0.00	21.51 -0.09 0.00	20.96 0.02 0.00	20.37 -0.04 0.00	19.82 -0.08 0.00	20.40 -0.06 0.00	21.01 -0.06 0.00	21.80 -0.13 0.00	24.94 -0.10 0.00	28.83 -0.20 0.00	29.28 0.20 0.00	25.79 0.23 0.00	23.10 0.05 0.00	21.55 0.02 0.00	20.07 -0.04 0.00	19.06 -0.17 0.00
NPX_GEN_1385_PROXY 323591	18.78 1.01 0.00	17.40 0.88 0.00	15.32 0.66 0.00	15.06 0.62 0.00	15.07 0.65 0.00	16.93 0.84 0.00	24.87 1.39 0.00	27.06 1.67 -0.01	25.57 1.58 -0.05	22.84 1.23 -0.01	23.79 0.80 -2.06	23.87 0.76 -2.70	22.00 0.82 -1.28	24.21 0.84 -2.91	24.48 0.86 -2.54	26.43 1.01 -3.49	28.45 1.25 -2.16	31.21 1.74 -0.44	30.99 1.63 -0.29	31.01 1.43 -4.02	30.00 1.29 -5.66	27.00 1.25 -4.22	21.48 1.35 -0.02	20.48 1.25 0.00
NPX_GEN_CSC 323557	19.28 1.51 0.00	17.86 1.34 0.00	15.70 1.04 0.00	15.43 1.00 0.00	15.45 1.02 0.00	17.35 1.26 0.00	25.36 1.88 0.00	28.28 2.89 -0.01	26.84 2.85 -0.05	24.24 2.63 -0.01	25.29 2.30 -2.06	25.30 2.19 -2.70	23.22 2.03 -1.28	25.50 2.13 -2.91	25.93 2.32 -2.54	28.17 2.59 -3.66	30.15 2.95 -2.16	33.00 3.45 -0.52	32.85 3.40 -0.37	46.69 3.12 -18.02	31.48 2.76 -5.67	28.33 2.58 -4.22	22.28 2.15 -0.02	21.06 1.83 0.00
NSINS_S_GLNS_FALLS 23858	18.99 1.23 0.00	17.63 1.11 0.00	15.63 0.97 0.00	15.39 0.95 0.00	15.40 0.98 0.00	17.27 1.18 0.00	25.36 1.88 0.00	27.49 2.11 0.00	25.84 1.89 0.00	23.26 1.66 0.00	22.40 1.47 0.00	21.84 1.43 0.00	21.32 1.41 0.00	21.85 1.39 0.00	22.55 1.48 0.00	23.86 1.93 0.00	27.12 2.08 0.00	31.35 2.32 0.00	31.34 2.27 0.00	30.32 1.97 -2.79	27.94 1.98 -2.90	23.57 1.79 -0.25	21.68 1.57 0.00	20.60 1.37 0.00
NUCOR_STEEL___DRP 24197	18.12 0.36 0.00	16.85 0.33 0.00	14.89 0.23 0.00	14.70 0.26 0.00	14.67 0.25 0.00	16.42 0.32 0.00	23.98 0.49 0.00	25.73 0.36 0.00	24.30 0.36 0.00	21.88 0.28 0.00	21.21 0.27 0.00	20.66 0.24 0.00	20.10 0.20 0.00	20.80 0.35 0.00	21.37 0.30 0.00	22.26 0.33 0.00	25.52 0.48 0.00	29.58 0.55 0.00	29.57 0.49 0.00	26.22 0.36 -0.30	23.71 0.35 -0.32	21.86 0.30 -0.03	20.35 0.24 0.00	19.56 0.33 0.00
NUMBER_THREE_WT_PWR 323818	18.05 0.28 0.00	16.79 0.26 0.00	14.85 0.19 0.00	14.67 0.23 0.00	14.61 0.19 0.00	16.37 0.27 0.00	23.88 0.40 0.00	25.63 0.25 0.00	24.06 0.12 0.00	21.60 0.00 0.00	20.89 -0.04 0.00	20.35 -0.06 0.00	19.84 -0.06 0.00	20.46 0.00 0.00	21.07 0.00 0.00	21.93 0.00 0.00	25.27 0.22 0.00	29.32 0.29 0.00	29.51 0.44 0.00	25.79 0.15 -0.08	23.13 0.00 -0.08	21.41 -0.13 -0.01	19.97 -0.14 0.00	19.04 -0.19 0.00
NYISO_LBMP_REFERENCE 24008	17.77 0.00 0.00	16.52 0.00 0.00	14.66 0.00 0.00	14.44 0.00 0.00	14.42 0.00 0.00	16.10 0.00 0.00	23.49 0.00 0.00	25.38 0.00 0.00	23.94 0.00 0.00	21.60 0.00 0.00	20.93 0.00 0.00	20.41 0.00 0.00	19.90 0.00 0.00	20.46 0.00 0.00	21.07 0.00 0.00	21.93 0.00 0.00	25.04 0.00 0.00	29.03 0.00 0.00	29.08 0.00 0.00	25.56 0.00 0.00	23.05 0.00 0.00	21.53 0.00 0.00	20.11 0.00 0.00	19.23 0.00 0.00
NYPA_BRENTWD___GT 24164	19.14 1.37 0.00	17.73 1.21 0.00	15.60 0.94 0.00	15.33 0.90 0.00	15.35 0.92 0.00	17.24 1.14 0.00	25.25 1.76 0.00	27.98 2.59 -0.01	26.53 2.54 -0.05	23.96 2.35 -0.01	25.04 2.05 -2.06	25.07 1.96 -2.70	23.05 1.87 -1.28	25.32 1.94 -2.91	25.68 2.07 -2.54	27.89 2.30 -3.66	29.85 2.65 -2.16	32.54 3.05 -0.46	32.38 3.00 -0.31	35.66 2.68 -7.41	31.13 2.42 -5.66	28.03 2.28 -4.22	22.08 1.95 -0.02	20.90 1.67 0.00
NYPA_GOWANUS___GT5 24156	18.61 0.84 -0.01	17.31 0.78 -0.01	15.36 0.69 -0.01	15.09 0.65 -0.01	15.11 0.68 -0.01	16.76 0.66 0.00	24.64 1.15 0.00	27.00 1.63 0.00	25.63 1.68 -0.01	23.23 1.62 -0.01	22.33 1.38 -0.01	21.79 1.37 -0.01	21.25 1.33 -0.01	21.88 1.41 -0.01	22.56 1.47 -0.01	23.56 1.62 -0.01	30.78 1.90 -3.83	31.21 2.18 -0.01	31.21 2.12 -0.01	29.55 1.84 -2.15	26.92 1.64 -2.24	23.26 1.53 -0.20	21.42 1.31 -0.01	20.33 1.10 -0.01
NYPA_GOWANUS___GT6 24157	18.61 0.84 -0.01	17.31 0.78 -0.01	15.36 0.69 -0.01	15.09 0.65 -0.01	15.11 0.68 -0.01	16.76 0.66 0.00	24.64 1.15 0.00	27.00 1.63 0.00	25.63 1.68 -0.01	23.23 1.62 -0.01	22.33 1.38 -0.01	21.79 1.37 -0.01	21.25 1.33 -0.01	21.88 1.41 -0.01	22.56 1.47 -0.01	23.56 1.62 -0.01	30.78 1.90 -3.83	31.21 2.18 -0.01	31.21 2.12 -0.01	29.55 1.84 -2.15	26.92 1.64 -2.24	23.26 1.53 -0.20	21.42 1.31 -0.01	20.33 1.10 -0.01
NYPA_HARLEM__RVR_GT1 24160	18.61 0.84 -0.01	17.36 0.83 -0.01	15.40 0.73 -0.01	15.18 0.74 -0.01	15.19 0.76 -0.01	16.77 0.68 0.00	24.51 1.03 0.01	26.89 1.52 0.01	25.49 1.56 0.01	23.10 1.51 0.01	22.20 1.28 0.01	21.67 1.27 0.01	21.13 1.23 0.01	21.74 1.29 0.01	22.42 1.35 0.01	23.41 1.49 0.01	26.76 1.73 0.01	30.99 1.97 0.01	30.96 1.89 0.01	29.38 1.69 -2.13	26.88 1.59 -2.24	23.26 1.53 -0.20	21.46 1.35 -0.01	20.45 1.21 -0.01
NYPA_HARLEM__RVR_GT2 24161	18.61 0.84 -0.01	17.36 0.83 -0.01	15.40 0.73 -0.01	15.18 0.74 -0.01	15.19 0.76 -0.01	16.77 0.68 0.00	24.51 1.03 0.01	26.89 1.52 0.01	25.49 1.56 0.01	23.10 1.51 0.01	22.20 1.28 0.01	21.67 1.27 0.01	21.13 1.23 0.01	21.74 1.29 0.01	22.42 1.35 0.01	23.41 1.49 0.01	26.76 1.73 0.01	30.99 1.97 0.01	30.96 1.89 0.01	29.38 1.69 -2.13	26.88 1.59 -2.24	23.26 1.53 -0.20	21.46 1.35 -0.01	20.45 1.21 -0.01
NYPA_KENT___GT 24152	18.61 0.84 -0.01	17.31 0.78 -0.01	15.36 0.69 -0.01	15.09 0.65 -0.01	15.11 0.68 -0.01	16.77 0.68 0.00	24.64 1.15 0.00	27.00 1.63 0.00	25.61 1.65 -0.01	23.20 1.60 -0.01	22.33 1.38 -0.01	21.77 1.35 -0.01	21.23 1.31 -0.01	21.86 1.39 -0.01	22.54 1.45 -0.01	23.54 1.60 -0.01	31.02 1.88 -4.10	31.18 2.15 -0.01	31.15 2.06 -0.01	29.53 1.81 -2.15	26.90 1.61 -2.24	23.26 1.53 -0.20	21.42 1.31 -0.01	20.33 1.10 -0.01

NYPA_POUCH1____GT 24155	18.63 0.85 -0.01	17.32 0.79 -0.01	15.37 0.70 -0.01	15.11 0.66 -0.01	15.12 0.69 -0.01	16.77 0.68 0.00	24.66 1.17 0.00	27.05 1.67 0.00	25.65 1.70 -0.01	23.25 1.64 -0.01	22.37 1.42 -0.01	21.81 1.39 -0.01	21.27 1.35 -0.01	21.90 1.43 -0.01	22.58 1.50 -0.01	23.58 1.65 -0.01	30.83 1.95 -3.83	31.27 2.24 -0.01	31.24 2.15 -0.01	29.60 1.89 -2.15	26.97 1.68 -2.24	23.28 1.55 -0.20	21.44 1.33 -0.01	20.35 1.11 -0.01
NYPA_VERNON____GT2 24162	18.60 0.82 -0.01	17.31 0.78 -0.01	15.36 0.69 -0.01	15.11 0.66 -0.01	15.12 0.69 -0.01	16.79 0.69 0.00	24.64 1.15 0.00	27.00 1.63 0.00	25.61 1.65 -0.01	23.18 1.58 -0.01	22.33 1.38 -0.01	21.77 1.35 -0.01	21.23 1.31 -0.01	21.84 1.37 -0.01	22.52 1.43 -0.01	23.52 1.58 -0.01	31.23 1.83 -4.36	31.13 2.09 -0.01	31.09 2.00 -0.01	29.47 1.76 -2.15	26.90 1.61 -2.24	23.24 1.51 -0.20	21.42 1.31 -0.01	20.35 1.11 -0.01
NYPA_VERNON____GT3 24163	18.60 0.82 -0.01	17.31 0.78 -0.01	15.36 0.69 -0.01	15.11 0.66 -0.01	15.12 0.69 -0.01	16.79 0.69 0.00	24.64 1.15 0.00	27.00 1.63 0.00	25.61 1.65 -0.01	23.18 1.58 -0.01	22.33 1.38 -0.01	21.77 1.35 -0.01	21.23 1.31 -0.01	21.84 1.37 -0.01	22.52 1.43 -0.01	23.52 1.58 -0.01	31.23 1.83 -4.36	31.13 2.09 -0.01	31.09 2.00 -0.01	29.47 1.76 -2.15	26.90 1.61 -2.24	23.24 1.51 -0.20	21.42 1.31 -0.01	20.35 1.11 -0.01
NYPA____ASTORIA_CC1 323568	18.59 0.82 -0.01	17.32 0.79 -0.01	15.36 0.69 -0.01	15.11 0.66 -0.01	15.12 0.69 -0.01	16.79 0.69 0.00	24.64 1.15 0.00	27.00 1.63 0.00	25.58 1.63 -0.01	23.18 1.58 -0.01	22.30 1.36 -0.01	21.75 1.33 -0.01	21.20 1.29 -0.01	21.82 1.35 -0.01	22.50 1.41 -0.01	23.50 1.56 -0.01	30.68 1.80 -3.83	31.10 2.06 -0.01	31.09 2.00 -0.01	29.47 1.76 -2.15	26.88 1.59 -2.24	23.24 1.51 -0.20	21.42 1.31 -0.01	20.35 1.11 -0.01
NYPA____ASTORIA_CC2 323569	18.59 0.82 -0.01	17.32 0.79 -0.01	15.36 0.69 -0.01	15.11 0.66 -0.01	15.12 0.69 -0.01	16.79 0.69 0.00	24.64 1.15 0.00	27.00 1.63 0.00	25.58 1.63 -0.01	23.18 1.58 -0.01	22.30 1.36 -0.01	21.75 1.33 -0.01	21.20 1.29 -0.01	21.82 1.35 -0.01	22.52 1.43 -0.01	23.52 1.58 -0.01	30.68 1.80 -3.83	31.13 2.09 -0.01	31.09 2.00 -0.01	29.47 1.76 -2.15	26.88 1.59 -2.24	23.24 1.51 -0.20	21.42 1.31 -0.01	20.35 1.11 -0.01
NYPA____HOLTSVILL 23794	19.10 1.33 0.00	17.71 1.19 0.00	15.57 0.91 0.00	15.30 0.87 0.00	15.32 0.89 0.00	17.21 1.11 0.00	25.18 1.69 0.00	27.95 2.56 -0.01	26.50 2.51 -0.05	23.94 2.33 -0.01	25.00 2.01 -2.06	25.03 1.92 -2.70	23.01 1.83 -1.28	25.27 1.90 -2.91	25.64 2.02 -2.54	27.85 2.26 -3.66	29.80 2.60 -2.16	32.57 3.02 -0.52	32.45 3.00 -0.37	46.40 2.68 -18.16	31.11 2.40 -5.67	28.01 2.26 -4.22	22.04 1.91 -0.02	20.86 1.63 0.00
NYPA____HELLGATE_GT1 24158	18.61 0.84 -0.01	17.36 0.83 -0.01	15.40 0.73 -0.01	15.18 0.74 -0.01	15.19 0.76 -0.01	16.77 0.68 0.00	24.51 1.03 0.01	26.89 1.52 0.01	25.49 1.56 0.01	23.10 1.51 0.01	22.20 1.28 0.01	21.67 1.27 0.01	21.13 1.23 0.01	21.74 1.29 0.01	22.42 1.35 0.01	23.41 1.49 0.01	26.76 1.73 0.01	30.99 1.97 0.01	30.96 1.89 0.01	29.38 1.69 -2.13	26.88 1.59 -2.24	23.26 1.53 -0.20	21.46 1.35 -0.01	20.45 1.21 -0.01
NYPA____HELLGATE_GT2 24159	18.61 0.84 -0.01	17.36 0.83 -0.01	15.40 0.73 -0.01	15.18 0.74 -0.01	15.19 0.76 -0.01	16.77 0.68 0.00	24.51 1.03 0.01	26.89 1.52 0.01	25.49 1.56 0.01	23.10 1.51 0.01	22.20 1.28 0.01	21.67 1.27 0.01	21.13 1.23 0.01	21.74 1.29 0.01	22.42 1.35 0.01	23.41 1.49 0.01	26.76 1.73 0.01	30.99 1.97 0.01	30.96 1.89 0.01	29.38 1.69 -2.13	26.88 1.59 -2.24	23.26 1.53 -0.20	21.46 1.35 -0.01	20.45 1.21 -0.01
NYS_BARGE____HYD 23848	18.25 0.48 0.00	16.98 0.46 0.00	15.19 0.53 0.00	15.01 0.58 0.00	14.91 0.49 0.00	16.60 0.50 0.00	23.65 0.17 0.00	24.59 -0.79 0.00	23.30 -0.65 0.00	21.16 -0.43 0.00	20.47 -0.46 0.00	20.05 -0.37 0.00	19.60 -0.30 0.00	19.97 -0.49 0.00	20.76 -0.32 0.00	21.75 -0.18 0.00	24.62 -0.43 0.00	28.47 -0.55 0.00	28.35 -0.73 0.00	25.20 -0.66 -0.31	22.89 -0.49 -0.32	21.02 -0.54 -0.03	19.45 -0.66 0.00	19.27 0.04 0.00
OAK ORCHARD____HYD 24046	18.18 0.41 0.00	16.90 0.38 0.00	15.03 0.37 0.00	14.84 0.40 0.00	14.75 0.33 0.00	16.50 0.40 0.00	23.84 0.35 0.00	25.23 -0.15 0.00	23.83 -0.12 0.00	21.57 -0.02 0.00	20.87 -0.06 0.00	20.39 -0.02 0.00	19.90 0.00 0.00	20.31 -0.14 0.00	21.05 -0.02 0.00	22.02 0.09 0.00	25.04 0.00 0.00	29.08 0.06 0.00	29.05 -0.03 0.00	25.89 0.08 -0.26	23.48 0.16 -0.27	21.51 -0.04 -0.02	19.95 -0.16 0.00	19.42 0.19 0.00
OAKDALE__35_KV_LOAD 356122	18.16 0.39 0.00	16.87 0.35 0.00	14.94 0.28 0.00	14.74 0.30 0.00	14.71 0.29 0.00	16.44 0.34 0.00	23.98 0.49 0.00	25.79 0.41 0.00	24.35 0.41 0.00	21.96 0.37 0.00	21.27 0.33 0.00	20.72 0.31 0.00	20.18 0.28 0.00	20.85 0.39 0.00	21.41 0.34 0.00	22.37 0.44 0.00	25.49 0.45 0.00	29.52 0.49 0.00	29.51 0.44 0.00	26.53 0.26 -0.72	24.05 0.25 -0.75	21.88 0.28 -0.07	20.33 0.22 0.00	19.52 0.29 0.00
OCC_CHEM____DRP 24175	17.88 0.11 0.00	16.60 0.08 0.00	14.73 0.07 0.00	14.65 0.22 0.00	14.57 0.14 0.00	16.24 0.14 0.00	23.25 -0.23 0.00	24.19 -1.19 0.00	22.91 -1.03 0.00	20.82 -0.78 0.00	20.41 -0.52 0.00	19.82 -0.59 0.00	19.31 -0.60 0.00	20.05 -0.41 0.00	20.40 -0.67 0.00	21.34 -0.59 0.00	24.12 -0.93 0.00	27.87 -1.16 0.00	27.77 -1.31 0.00	24.79 -1.12 -0.35	22.52 -0.90 -0.37	20.62 -0.95 -0.03	19.04 -1.07 0.00	18.98 -0.25 0.00
OH_GEN_PROXY 24063	18.05 0.28 0.00	16.77 0.25 0.00	14.98 0.32 0.00	14.80 0.36 0.00	14.71 0.29 0.00	16.40 0.31 0.00	23.51 0.02 0.00	24.52 -0.86 0.00	23.20 -0.74 0.00	21.10 -0.50 0.00	20.41 -0.52 0.00	19.98 -0.43 0.00	19.52 -0.38 0.00	19.84 -0.61 0.00	20.63 -0.44 0.00	21.58 -0.35 0.00	24.42 -0.63 0.00	28.21 -0.81 0.00	28.14 -0.93 0.00	25.05 -0.82 -0.31	22.75 -0.62 -0.32	20.89 -0.67 -0.03	19.35 -0.76 0.00	19.13 -0.10 0.00
OLIN_CORP_DRP 24177	18.05 0.28 0.00	16.82 0.30 0.00	14.91 0.25 0.00	14.87 0.43 0.00	14.77 0.35 0.00	16.44 0.34 0.00	23.37 -0.12 0.00	24.19 -1.19 0.00	22.91 -1.03 0.00	20.82 -0.78 0.00	20.41 -0.52 0.00	19.82 -0.59 0.00	19.31 -0.60 0.00	20.15 -0.31 0.00	20.51 -0.57 0.00	21.45 -0.48 0.00	24.24 -0.80 0.00	28.04 -0.99 0.00	27.94 -1.13 0.00	24.89 -1.02 -0.35	22.61 -0.81 -0.37	20.72 -0.84 -0.03	19.14 -0.97 0.00	19.00 -0.23 0.00
OLIN_CORP_DSASP 323712	17.88 0.11 0.00	16.60 0.08 0.00	14.84 0.18 0.00	14.65 0.22 0.00	14.57 0.14 0.00	16.24 0.14 0.00	23.25 -0.23 0.00	24.19 -1.19 0.00	22.92 -1.03 0.00	20.84 -0.76 0.00	20.14 -0.80 0.00	19.74 -0.67 0.00	19.31 -0.60 0.00	19.60 -0.86 0.00	20.38 -0.69 0.00	21.32 -0.61 0.00	24.12 -0.93 0.00	27.86 -1.16 0.00	27.77 -1.31 0.00	24.75 -1.12 -0.31	22.48 -0.90 -0.33	20.63 -0.93 -0.03	19.08 -1.02 0.00	18.92 -0.31 0.00

ONEIDA_HERK_LFGE 323681	18.16 0.39 0.00	16.90 0.38 0.00	14.94 0.28 0.00	14.75 0.32 0.00	14.70 0.27 0.00	16.47 0.37 0.00	24.05 0.56 0.00	25.84 0.46 0.00	24.33 0.38 0.00	21.86 0.26 0.00	21.14 0.21 0.00	20.60 0.18 0.00	20.08 0.18 0.00	20.70 0.25 0.00	21.33 0.25 0.00	22.19 0.26 0.00	25.47 0.43 0.00	29.52 0.49 0.00	29.66 0.58 0.00	26.01 0.38 -0.07	23.40 0.28 -0.07	21.73 0.19 -0.01	20.27 0.16 0.00	19.37 0.14 0.00
ONEIDA___115KV_TB4 55905	18.32 0.55 0.00	17.05 0.53 0.00	15.07 0.41 0.00	14.87 0.43 0.00	14.83 0.40 0.00	16.61 0.52 0.00	24.28 0.80 0.00	26.06 0.69 0.00	24.54 0.60 0.00	22.07 0.48 0.00	21.42 0.48 0.00	20.80 0.39 0.00	20.28 0.38 0.00	21.01 0.55 0.00	21.56 0.48 0.00	22.43 0.50 0.00	25.69 0.65 0.00	29.75 0.73 0.00	29.83 0.76 0.00	26.30 0.59 -0.15	23.71 0.51 -0.16	21.97 0.43 -0.01	20.49 0.38 0.00	19.63 0.40 0.00
ONONDAGA_REF_OCCRA 23987	17.89 0.12 0.00	16.64 0.12 0.00	14.72 0.06 0.00	14.52 0.09 0.00	14.49 0.07 0.00	16.21 0.11 0.00	23.67 0.19 0.00	25.40 0.03 0.00	23.97 0.02 0.00	21.60 0.00 0.00	20.96 0.02 0.00	20.39 -0.02 0.00	19.88 -0.02 0.00	20.54 0.08 0.00	21.10 0.02 0.00	21.95 0.02 0.00	25.14 0.10 0.00	29.11 0.09 0.00	29.10 0.03 0.00	25.81 -0.03 -0.28	23.36 0.02 -0.29	21.58 0.02 -0.03	20.11 0.00 0.00	19.31 0.08 0.00
ONONDAGA___COGEN 23986	18.00 0.23 0.00	16.74 0.21 0.00	14.79 0.13 0.00	14.61 0.17 0.00	14.57 0.14 0.00	16.31 0.21 0.00	23.81 0.33 0.00	25.53 0.15 0.00	24.09 0.14 0.00	21.70 0.11 0.00	21.06 0.13 0.00	20.47 0.06 0.00	19.96 0.06 0.00	20.66 0.20 0.00	21.20 0.13 0.00	22.06 0.13 0.00	25.27 0.23 0.00	29.26 0.23 0.00	29.25 0.17 0.00	25.95 0.13 -0.26	23.46 0.14 -0.27	21.66 0.11 -0.02	20.21 0.10 0.00	19.42 0.19 0.00
ONTARIO___LFGE 23819	18.25 0.48 0.00	16.97 0.45 0.00	15.03 0.37 0.00	14.84 0.40 0.00	14.78 0.36 0.00	16.57 0.47 0.00	24.12 0.63 0.00	25.71 0.33 0.00	24.28 0.34 0.00	21.90 0.30 0.00	21.14 0.21 0.00	20.62 0.20 0.00	20.10 0.20 0.00	20.64 0.18 0.00	21.35 0.27 0.00	22.30 0.37 0.00	25.54 0.50 0.00	29.64 0.61 0.00	29.57 0.49 0.00	26.20 0.33 -0.31	23.69 0.32 -0.32	21.82 0.26 -0.03	20.31 0.20 0.00	19.58 0.35 0.00
ORANGEVILLE_WT_PWR 323706	18.34 0.57 0.00	17.03 0.51 0.00	15.17 0.51 0.00	14.98 0.55 0.00	14.91 0.49 0.00	16.63 0.53 0.00	23.95 0.47 0.00	25.20 -0.18 0.00	23.87 -0.07 0.00	21.66 0.06 0.00	20.96 0.02 0.00	20.49 0.08 0.00	20.02 0.12 0.00	20.42 -0.04 0.00	21.20 0.13 0.00	22.17 0.24 0.00	25.19 0.15 0.00	29.14 0.12 0.00	29.02 -0.06 0.00	25.64 -0.31 -0.38	23.24 -0.21 -0.40	21.37 -0.19 -0.03	19.79 -0.32 0.00	19.40 0.17 0.00
ORANGEVILLE___ESR 323794	18.34 0.57 0.00	17.03 0.51 0.00	15.17 0.51 0.00	14.98 0.55 0.00	14.91 0.49 0.00	16.63 0.53 0.00	23.95 0.47 0.00	25.20 -0.18 0.00	23.87 -0.07 0.00	21.66 0.06 0.00	20.96 0.02 0.00	20.49 0.08 0.00	20.02 0.12 0.00	20.42 -0.04 0.00	21.20 0.13 0.00	22.17 0.24 0.00	25.19 0.15 0.00	29.14 0.12 0.00	29.02 -0.06 0.00	25.64 -0.31 -0.38	23.24 -0.21 -0.40	21.37 -0.19 -0.03	19.79 -0.32 0.00	19.40 0.17 0.00
OSWEGATCHIE___HYD 24044	17.72 -0.05 0.00	16.46 -0.07 0.00	14.60 -0.06 0.00	14.41 -0.03 0.00	14.35 -0.07 0.00	16.03 -0.06 0.00	23.34 -0.14 0.00	25.00 -0.38 0.00	23.44 -0.50 0.00	21.08 -0.52 0.00	20.45 -0.48 0.00	19.90 -0.51 0.00	19.41 -0.50 0.00	19.99 -0.47 0.00	20.59 -0.48 0.00	21.36 -0.57 0.00	24.59 -0.45 0.00	28.51 -0.52 0.00	28.73 -0.35 0.00	25.24 -0.38 -0.06	22.70 -0.41 -0.06	21.11 -0.43 -0.01	19.81 -0.30 0.00	18.90 -0.33 0.00
OSWEGO___5 23606	17.59 -0.18 0.00	16.36 -0.17 0.00	14.50 -0.16 0.00	14.29 -0.14 0.00	14.26 -0.16 0.00	15.94 -0.16 0.00	23.23 -0.26 0.00	24.95 -0.43 0.00	23.54 -0.41 0.00	21.23 -0.37 0.00	20.54 -0.40 0.00	20.02 -0.39 0.00	19.55 -0.36 0.00	20.07 -0.39 0.00	20.67 -0.40 0.00	21.54 -0.39 0.00	24.62 -0.43 0.00	28.53 -0.49 0.00	28.55 -0.52 0.00	25.25 -0.46 -0.15	22.82 -0.39 -0.16	21.16 -0.39 -0.01	19.79 -0.32 0.00	18.98 -0.25 0.00
OSWEGO___6 23613	17.59 -0.18 0.00	16.36 -0.17 0.00	14.50 -0.16 0.00	14.29 -0.14 0.00	14.26 -0.16 0.00	15.94 -0.16 0.00	23.23 -0.26 0.00	24.95 -0.43 0.00	23.54 -0.41 0.00	21.23 -0.37 0.00	20.54 -0.40 0.00	20.02 -0.39 0.00	19.55 -0.36 0.00	20.07 -0.39 0.00	20.67 -0.40 0.00	21.54 -0.39 0.00	24.62 -0.43 0.00	28.53 -0.49 0.00	28.55 -0.52 0.00	25.25 -0.46 -0.15	22.82 -0.39 -0.16	21.16 -0.39 -0.01	19.79 -0.32 0.00	18.98 -0.25 0.00
OUTOKUMPU-AB___DRP 24206	18.34 0.57 0.00	17.03 0.51 0.00	15.10 0.44 0.00	15.03 0.59 0.00	14.91 0.49 0.00	16.65 0.55 0.00	23.81 0.33 0.00	24.82 -0.56 0.00	23.54 -0.41 0.00	21.38 -0.22 0.00	20.98 0.04 0.00	20.35 -0.06 0.00	19.82 -0.08 0.00	20.64 0.18 0.00	20.97 -0.11 0.00	21.93 0.00 0.00	24.84 -0.20 0.00	28.71 -0.32 0.00	28.58 -0.49 0.00	25.43 -0.49 -0.36	23.05 -0.37 -0.37	21.18 -0.39 -0.03	19.55 -0.56 0.00	19.36 0.13 0.00
OXBOW___ 24026	18.14 0.37 0.00	16.85 0.33 0.00	15.06 0.40 0.00	14.88 0.45 0.00	14.78 0.36 0.00	16.47 0.37 0.00	23.58 0.09 0.00	24.57 -0.81 0.00	23.30 -0.65 0.00	21.16 -0.43 0.00	20.47 -0.46 0.00	20.06 -0.35 0.00	19.60 -0.30 0.00	19.91 -0.55 0.00	20.72 -0.36 0.00	21.69 -0.24 0.00	24.54 -0.50 0.00	28.36 -0.67 0.00	28.23 -0.84 0.00	25.13 -0.74 -0.32	22.81 -0.58 -0.33	20.96 -0.60 -0.03	19.37 -0.74 0.00	19.19 -0.04 0.00
OXY_CHEM_DSASP 323612	17.88 0.11 0.00	16.60 0.08 0.00	14.73 0.07 0.00	14.65 0.22 0.00	14.57 0.14 0.00	16.24 0.14 0.00	23.25 -0.23 0.00	24.19 -1.19 0.00	22.91 -1.03 0.00	20.82 -0.78 0.00	20.41 -0.52 0.00	19.82 -0.59 0.00	19.31 -0.60 0.00	20.05 -0.41 0.00	20.40 -0.67 0.00	21.34 -0.59 0.00	24.12 -0.93 0.00	27.87 -1.16 0.00	27.77 -1.31 0.00	24.79 -1.12 -0.35	22.52 -0.90 -0.37	20.62 -0.95 -0.03	19.04 -1.07 0.00	18.98 -0.25 0.00
OZONE_PARK_ESR 323760	18.60 0.84 0.00	17.31 0.79 0.00	15.39 0.73 0.00	15.10 0.66 0.00	15.11 0.69 0.00	16.84 0.74 0.00	24.73 1.24 0.00	27.08 1.70 0.00	25.67 1.72 0.00	23.22 1.62 0.00	22.30 1.36 0.00	21.78 1.37 0.00	21.26 1.35 0.00	21.77 1.31 0.00	22.49 1.41 0.00	23.57 1.64 0.00	26.97 1.93 0.00	31.23 2.21 0.00	31.20 2.12 0.00	29.57 1.87 -2.15	26.94 1.66 -2.23	23.30 1.57 -0.20	21.52 1.41 0.00	20.36 1.13 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	17.88 0.11 0.00	16.60 0.08 0.00	14.73 0.07 0.00	14.65 0.22 0.00	14.57 0.14 0.00	16.24 0.14 0.00	23.25 -0.23 0.00	24.19 -1.19 0.00	22.91 -1.03 0.00	20.82 -0.78 0.00	20.41 -0.52 0.00	19.82 -0.59 0.00	19.31 -0.60 0.00	20.05 -0.41 0.00	20.40 -0.67 0.00	21.34 -0.59 0.00	24.12 -0.93 0.00	27.87 -1.16 0.00	27.77 -1.31 0.00	24.79 -1.12 -0.35	22.52 -0.90 -0.37	20.62 -0.95 -0.03	19.04 -1.07 0.00	18.98 -0.25 0.00

PACKARD__115KV_DUPONT_184 80571	17.88 0.11 0.00	16.60 0.08 0.00	14.73 0.07 0.00	14.65 0.22 0.00	14.57 0.14 0.00	16.24 0.14 0.00	23.25 -0.23 0.00	24.19 -1.19 0.00	22.91 -1.03 0.00	20.82 -0.78 0.00	20.41 -0.52 0.00	19.82 -0.59 0.00	19.31 -0.60 0.00	20.05 -0.41 0.00	20.40 -0.67 0.00	21.34 -0.59 0.00	24.12 -0.93 0.00	27.87 -1.16 0.00	27.77 -1.31 0.00	24.79 -1.12 -0.35	22.52 -0.90 -0.37	20.62 -0.95 -0.03	19.04 -1.07 0.00	18.98 -0.25 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	18.61 0.84 -0.01	17.34 0.81 -0.01	15.43 0.76 -0.01	15.15 0.71 -0.01	15.18 0.75 -0.01	16.77 0.68 0.00	24.54 1.06 0.00	26.90 1.52 0.00	25.47 1.53 0.01	23.04 1.45 0.01	22.14 1.21 0.01	21.63 1.22 0.01	21.11 1.21 0.01	21.62 1.17 0.01	22.31 1.24 0.01	23.37 1.45 0.01	26.74 1.70 0.01	30.96 1.94 0.01	30.96 1.89 0.01	29.36 1.66 -0.214	26.81 1.52 -0.224	23.20 1.46 -0.20	21.46 1.35 -0.01	20.37 1.13 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	18.81 1.03 -0.01	17.54 1.01 -0.01	15.62 0.95 -0.01	15.31 0.87 -0.01	15.32 0.89 -0.01	16.94 0.84 0.00	24.82 1.34 0.00	27.05 1.68 0.00	25.61 1.68 0.01	23.16 1.58 0.01	22.35 1.42 0.01	21.73 1.33 0.01	21.21 1.31 0.01	21.80 1.35 0.01	22.41 1.35 0.01	23.50 1.58 0.01	26.89 1.85 0.01	31.11 2.09 0.01	31.10 2.04 0.01	29.49 1.79 -0.214	26.93 1.64 -0.224	23.33 1.59 -0.20	21.67 1.55 -0.01	20.58 1.35 -0.01
PATROON__115KV_TB1 80586	18.12 0.36 0.00	16.90 0.38 0.00	15.03 0.37 0.00	14.77 0.33 0.00	14.78 0.36 0.00	16.50 0.40 0.00	24.07 0.59 0.00	26.14 0.76 0.00	24.64 0.69 0.00	22.16 0.56 0.00	21.37 0.44 0.00	20.86 0.45 0.00	20.36 0.46 0.00	20.89 0.43 0.00	21.54 0.46 0.00	22.63 0.70 0.00	25.87 0.83 0.00	29.98 0.96 0.00	30.06 0.99 0.00	29.16 0.87 -0.274	26.68 0.78 -0.285	22.49 0.71 -0.25	20.65 0.54 0.00	19.65 0.42 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	18.35 0.59 0.00	17.03 0.51 0.00	15.10 0.44 0.00	15.01 0.58 0.00	14.93 0.50 0.00	16.66 0.56 0.00	23.93 0.45 0.00	25.18 -0.20 0.00	23.90 -0.05 0.00	21.68 0.09 0.00	21.27 0.33 0.00	20.64 0.22 0.00	20.10 0.20 0.00	20.93 0.47 0.00	21.31 0.23 0.00	22.28 0.35 0.00	25.27 0.23 0.00	29.20 0.17 0.00	29.05 -0.03 0.00	25.20 -0.74 -0.38	22.85 -0.60 -0.40	21.37 -0.19 -0.03	19.83 -0.28 0.00	19.42 0.19 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	18.60 0.84 0.00	17.30 0.78 0.00	15.35 0.69 0.00	15.10 0.66 0.00	15.09 0.66 0.00	16.79 0.69 0.00	24.66 1.17 0.00	26.90 1.52 0.00	25.43 1.48 0.00	22.91 1.32 0.00	22.04 1.11 0.00	21.53 1.12 0.00	21.00 1.09 0.00	21.48 1.02 0.00	22.17 1.10 0.00	23.38 1.45 0.00	26.62 1.58 0.00	30.97 1.94 0.00	31.05 1.98 0.00	29.48 1.74 -0.219	26.87 1.54 -0.228	23.15 1.42 -0.20	21.30 1.19 0.00	20.19 0.96 0.00
PEEKSKILL____ 23653	18.43 0.66 0.00	17.15 0.63 0.00	15.20 0.54 0.00	14.95 0.52 0.00	14.97 0.55 0.00	16.69 0.60 0.00	24.47 0.99 0.00	26.72 1.34 0.00	25.28 1.34 0.00	22.87 1.27 0.00	22.02 1.09 0.00	21.47 1.06 0.00	20.94 1.03 0.00	21.54 1.08 0.00	22.21 1.14 0.00	23.22 1.29 0.00	26.52 1.48 0.00	30.77 1.74 0.00	30.79 1.72 0.00	29.15 1.48 -0.211	26.61 1.36 -0.220	22.99 1.27 -0.19	21.15 1.05 0.00	20.12 0.89 0.00
PGE MADISON__WINDPWR 24146	19.44 1.67 0.00	18.09 1.57 0.00	15.93 1.27 0.00	15.76 1.33 0.00	15.65 1.23 0.00	17.61 1.51 0.00	25.86 2.37 0.00	27.66 2.29 0.00	25.96 2.01 0.00	23.22 1.62 0.00	22.32 1.38 0.00	21.74 1.33 0.00	21.22 1.31 0.00	21.95 1.49 0.00	22.72 1.64 0.00	23.73 1.80 0.00	27.40 2.35 0.00	31.79 2.76 0.00	31.95 2.88 0.00	28.57 2.33 -0.69	25.80 2.03 -0.72	23.34 1.74 -0.06	21.62 1.51 0.00	20.62 1.39 0.00
PIERCEFIELD____HYD 23852	17.48 -0.28 0.00	16.21 -0.31 0.00	14.44 -0.22 0.00	14.20 -0.23 0.00	14.18 -0.25 0.00	15.78 -0.32 0.00	22.90 -0.59 0.00	24.47 -0.91 0.00	22.94 -1.01 0.00	20.67 -0.93 0.00	20.14 -0.80 0.00	19.55 -0.86 0.00	19.05 -0.86 0.00	19.62 -0.84 0.00	20.21 -0.86 0.00	20.92 -1.01 0.00	24.02 -1.03 0.00	27.78 -1.25 0.00	28.03 -1.05 0.00	24.69 -0.87 0.00	22.20 -0.85 0.00	20.80 -0.73 0.00	19.69 -0.42 0.00	18.79 -0.44 0.00
PINELAWN_CC_1 323563	19.03 1.26 0.00	17.65 1.12 0.00	15.52 0.86 0.00	15.26 0.82 0.00	15.29 0.87 0.00	17.14 1.05 0.00	25.10 1.62 0.00	27.80 2.41 -0.01	26.34 2.35 -0.05	23.81 2.20 -0.01	24.92 1.92 -0.06	24.93 1.82 -0.70	22.94 1.75 -1.28	25.19 1.82 -2.92	25.55 1.94 -2.54	27.74 2.15 -3.66	29.65 2.46 -2.16	32.32 2.85 -0.45	32.17 2.79 -0.30	33.23 2.48 -5.19	30.97 2.26 -5.66	27.86 2.11 -4.22	21.94 1.81 -0.02	20.79 1.56 0.00
PJM_GEN_HTP_PROXY 323702	18.48 0.71 0.00	17.20 0.68 0.00	15.26 0.60 0.00	15.01 0.58 0.00	15.03 0.61 0.00	16.74 0.64 0.00	24.54 1.06 0.00	26.88 1.50 0.00	25.45 1.51 0.00	23.07 1.47 0.00	22.19 1.26 0.00	21.64 1.22 0.00	21.10 1.19 0.00	21.73 1.27 0.00	22.40 1.33 0.00	23.38 1.45 0.00	26.72 1.68 0.00	30.94 1.92 0.00	30.91 1.83 0.00	29.31 1.61 -0.214	26.73 1.45 -0.223	23.10 1.38 -0.19	21.30 1.19 0.00	20.21 0.98 0.00
PJM_GEN_KEystone 24065	18.18 0.41 0.00	16.90 0.38 0.00	15.03 0.37 0.00	14.81 0.37 0.00	14.78 0.36 0.00	16.48 0.39 0.00	23.98 0.49 0.00	25.76 0.38 0.00	24.40 0.45 0.00	22.11 0.52 0.00	21.35 0.42 0.00	20.84 0.43 0.00	20.34 0.44 0.00	20.83 0.37 0.00	21.56 0.49 0.00	22.52 0.59 0.00	25.64 0.60 0.00	29.51 0.64 0.15	29.48 0.55 0.15	27.12 0.33 -0.123	24.74 0.35 -0.134	22.04 0.39 -0.12	20.37 0.26 0.00	19.59 0.36 0.00
PJM_GEN_NEPTUNE_PROXY 323594	18.78 1.01 0.00	17.41 0.89 0.00	15.35 0.69 0.00	15.09 0.65 0.00	15.10 0.68 0.00	16.93 0.84 0.00	24.80 1.31 0.00	27.34 1.95 -0.01	25.91 1.92 -0.05	23.42 1.81 -0.01	24.56 1.57 -0.06	24.60 1.49 -0.70	22.63 1.45 -1.28	24.86 1.49 -2.91	25.20 1.58 -2.54	27.32 1.73 -3.66	29.18 1.98 -2.16	31.74 2.27 -0.44	31.61 2.24 -0.29	31.71 1.97 -0.419	30.51 1.80 -5.66	27.45 1.70 -4.22	21.59 1.47 -0.02	20.50 1.27 0.00
PJM_GEN_VFT_PROXY 323633	18.37 0.60 0.00	17.13 0.61 0.00	15.20 0.54 0.00	14.94 0.50 0.00	14.96 0.53 0.00	16.68 0.58 0.00	24.43 0.94 0.00	26.72 1.34 0.00	25.31 1.36 0.00	22.94 1.34 0.00	22.06 1.13 0.00	21.51 1.10 0.00	20.98 1.07 0.00	21.60 1.14 0.00	22.27 1.20 0.00	23.27 1.34 0.00	26.60 1.55 0.00	28.55 1.71 2.19	28.55 1.63 2.15	28.25 1.43 -1.26	26.62 1.34 -2.23	22.97 1.25 -0.19	21.19 1.09 0.00	20.12 0.89 0.00
PLATSBURG_115KV_PMLD1 355749	18.12 0.36 0.00	16.79 0.26 0.00	14.98 0.32 0.00	14.74 0.30 0.00	14.73 0.30 0.00	16.34 0.24 0.00	23.41 -0.07 0.00	25.46 0.08 0.00	24.02 0.07 0.00	21.70 0.11 0.00	21.04 0.10 0.00	20.51 0.10 0.00	19.96 0.06 0.00	20.46 0.00 0.00	21.16 0.08 0.00	21.97 0.04 0.00	25.14 0.10 0.00	29.06 0.03 0.00	29.69 0.61 0.00	26.15 0.59 0.00	23.40 0.35 0.00	21.85 0.32 0.00	20.29 0.18 0.00	19.27 0.04 0.00

PLEASANTVLY___LBMP 24000	18.41 0.64 0.00	17.13 0.61 0.00	15.22 0.56 0.00	14.94 0.51 0.00	14.97 0.55 0.00	16.68 0.58 0.00	24.42 0.94 0.00	26.65 1.27 0.00	25.19 1.25 0.00	22.74 1.14 0.00	21.88 0.94 0.00	21.37 0.96 0.00	20.86 0.96 0.00	21.36 0.90 0.00	22.04 0.97 0.00	23.09 1.16 0.00	26.39 1.35 0.00	30.62 1.60 0.00	30.65 1.57 0.00	29.20 1.38 -2.27	26.68 1.27 -2.36	22.92 1.18 -0.21	21.13 1.03 0.00	20.08 0.85 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	18.50 0.73 0.00	17.22 0.69 0.00	15.29 0.63 0.00	15.01 0.58 0.00	15.03 0.61 0.00	16.76 0.66 0.00	24.57 1.08 0.00	26.83 1.45 0.00	25.41 1.46 0.00	22.94 1.34 0.00	22.04 1.11 0.00	21.56 1.14 0.00	21.04 1.13 0.00	21.52 1.06 0.00	22.23 1.16 0.00	23.31 1.38 0.00	26.64 1.60 0.00	30.88 1.86 0.00	30.91 1.83 0.00	29.34 1.61 -2.17	26.76 1.45 -2.26	23.08 1.36 -0.20	21.30 1.19 0.00	20.19 0.96 0.00
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	18.50 0.73 0.00	17.22 0.69 0.00	15.29 0.63 0.00	15.01 0.58 0.00	15.03 0.61 0.00	16.76 0.66 0.00	24.57 1.08 0.00	26.83 1.45 0.00	25.41 1.46 0.00	22.94 1.34 0.00	22.04 1.11 0.00	21.56 1.14 0.00	21.04 1.13 0.00	21.52 1.06 0.00	22.23 1.16 0.00	23.31 1.38 0.00	26.64 1.60 0.00	30.88 1.86 0.00	30.91 1.83 0.00	29.34 1.61 -2.17	26.76 1.45 -2.26	23.08 1.36 -0.20	21.30 1.19 0.00	20.19 0.96 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	18.51 0.75 0.00	17.22 0.69 0.00	15.29 0.63 0.00	15.04 0.61 0.00	15.04 0.62 0.00	16.76 0.66 0.00	24.54 1.06 0.00	26.78 1.40 0.00	25.26 1.32 0.00	22.81 1.21 0.00	21.92 0.98 0.00	21.41 1.00 0.00	20.90 1.00 0.00	21.38 0.92 0.00	22.09 1.01 0.00	23.16 1.23 0.00	26.44 1.40 0.00	30.74 1.71 0.00	30.79 1.72 0.00	29.29 1.51 -2.22	26.70 1.34 -2.31	23.00 1.27 -0.20	21.22 1.11 0.00	20.13 0.90 0.00
POLETTI____ 23519	18.46 0.69 0.00	17.18 0.66 0.00	15.27 0.62 0.00	15.00 0.56 0.00	15.01 0.59 0.00	16.73 0.63 0.00	24.52 1.03 0.00	26.83 1.45 0.00	25.43 1.48 0.00	23.00 1.40 0.00	22.11 1.17 0.00	21.60 1.18 0.00	21.08 1.17 0.00	21.58 1.13 0.00	22.28 1.20 0.00	23.33 1.40 0.00	26.69 1.65 0.00	30.91 1.89 0.00	30.88 1.80 0.00	29.29 1.58 -2.15	26.71 1.43 -2.23	23.08 1.36 -0.20	21.34 1.23 0.00	20.21 0.98 0.00
POMONA___ESR 323819	18.43 0.66 0.00	17.13 0.61 0.00	15.20 0.54 0.00	14.95 0.52 0.00	14.97 0.55 0.00	16.68 0.58 0.00	24.45 0.96 0.00	26.67 1.29 0.00	25.24 1.29 0.00	22.85 1.25 0.00	22.00 1.07 0.00	21.45 1.04 0.00	20.92 1.01 0.00	21.50 1.04 0.00	22.19 1.12 0.00	23.18 1.25 0.00	26.49 1.45 0.00	30.71 1.68 0.00	30.73 1.66 0.00	29.06 1.46 -2.04	26.49 1.31 -2.13	22.94 1.23 -0.19	21.13 1.03 0.00	20.12 0.89 0.00
PORT_JEFF_3 23555	19.16 1.39 0.00	17.74 1.22 0.00	15.61 0.95 0.00	15.35 0.91 0.00	15.36 0.94 0.00	17.26 1.16 0.00	25.22 1.74 0.00	28.03 2.64 -0.01	26.58 2.59 -0.05	24.00 2.40 -0.01	25.08 2.09 -2.06	25.11 2.00 -2.70	23.08 1.89 -1.28	25.34 1.96 -2.91	25.72 2.11 -2.54	27.93 2.35 -3.66	29.90 2.71 -2.16	32.68 3.14 -0.52	32.56 3.11 -0.37	46.47 2.79 -18.12	31.21 2.49 -5.67	28.08 2.33 -4.22	22.12 1.99 -0.02	20.92 1.69 0.00
PORT_JEFF_4 23616	19.16 1.39 0.00	17.74 1.22 0.00	15.61 0.95 0.00	15.35 0.91 0.00	15.36 0.94 0.00	17.26 1.16 0.00	25.22 1.74 0.00	28.03 2.64 -0.01	26.58 2.59 -0.05	24.00 2.40 -0.01	25.08 2.09 -2.06	25.11 2.00 -2.70	23.08 1.89 -1.28	25.34 1.96 -2.91	25.72 2.11 -2.54	27.93 2.35 -3.66	29.90 2.71 -2.16	32.68 3.14 -0.52	32.56 3.11 -0.37	46.47 2.79 -18.12	31.21 2.49 -5.67	28.08 2.33 -4.22	22.12 1.99 -0.02	20.92 1.69 0.00
PORT_JEFF_IC 23713	19.19 1.42 0.00	17.78 1.26 0.00	15.63 0.97 0.00	15.36 0.92 0.00	15.39 0.97 0.00	17.27 1.17 0.00	25.27 1.78 0.00	28.08 2.69 -0.01	26.65 2.66 -0.05	24.07 2.46 -0.01	25.13 2.14 -2.06	25.15 2.04 -2.70	23.14 1.95 -1.28	25.40 2.03 -2.91	25.77 2.15 -2.54	28.00 2.41 -3.66	29.98 2.78 -2.16	32.79 3.25 -0.51	32.63 3.20 -0.36	46.61 2.86 -18.19	31.28 2.56 -5.67	28.14 2.39 -4.22	22.16 2.03 -0.02	20.96 1.73 0.00
PPL PILGRIM_ST_GT1 24216	19.14 1.37 0.00	17.73 1.21 0.00	15.60 0.94 0.00	15.33 0.90 0.00	15.35 0.92 0.00	17.24 1.14 0.00	25.25 1.76 0.00	27.98 2.59 -0.01	26.53 2.54 -0.05	23.96 2.35 -0.01	25.04 2.05 -2.06	25.07 1.96 -2.70	23.05 1.87 -1.28	25.32 1.94 -2.91	25.68 2.07 -2.54	27.89 2.30 -3.66	29.85 2.65 -2.16	32.54 3.05 -0.46	32.38 3.00 -0.31	35.66 2.68 -7.41	31.13 2.42 -5.66	28.03 2.28 -4.22	22.08 1.95 -0.02	20.90 1.67 0.00
PPL PILGRIM_ST_GT2 24217	19.14 1.37 0.00	17.73 1.21 0.00	15.60 0.94 0.00	15.33 0.90 0.00	15.35 0.92 0.00	17.24 1.14 0.00	25.25 1.76 0.00	27.98 2.59 -0.01	26.53 2.54 -0.05	23.96 2.35 -0.01	25.04 2.05 -2.06	25.07 1.96 -2.70	23.05 1.87 -1.28	25.32 1.94 -2.91	25.68 2.07 -2.54	27.89 2.30 -3.66	29.85 2.65 -2.16	32.54 3.05 -0.46	32.38 3.00 -0.31	35.66 2.68 -7.41	31.13 2.42 -5.66	28.03 2.28 -4.22	22.08 1.95 -0.02	20.90 1.67 0.00
PPL_SHRM_GT3 24213	19.28 1.51 0.00	17.86 1.34 0.00	15.70 1.04 0.00	15.43 1.00 0.00	15.45 1.02 0.00	17.35 1.26 0.00	25.39 1.90 0.00	28.28 2.89 -0.01	26.84 2.85 -0.05	24.24 2.63 -0.01	25.27 2.28 -2.06	25.30 2.19 -2.70	23.05 1.87 -1.28	25.50 2.13 -2.91	25.91 2.30 -2.54	28.17 2.59 -3.66	30.13 2.93 -2.16	33.00 3.45 -0.52	32.84 3.40 -0.37	46.60 3.12 -17.92	31.48 2.76 -5.67	28.33 2.58 -4.22	22.30 2.17 -0.02	21.06 1.83 0.00
PPL_SHRM_GT4 24214	19.28 1.51 0.00	17.86 1.34 0.00	15.70 1.04 0.00	15.43 1.00 0.00	15.45 1.02 0.00	17.35 1.26 0.00	25.39 1.90 0.00	28.28 2.89 -0.01	26.84 2.85 -0.05	24.24 2.63 -0.01	25.27 2.28 -2.06	25.30 2.19 -2.70	23.05 1.87 -1.28	25.50 2.13 -2.91	25.91 2.30 -2.54	28.17 2.59 -3.66	30.13 2.93 -2.16	33.00 3.45 -0.52	32.84 3.40 -0.37	46.60 3.12 -17.92	31.48 2.76 -5.67	28.33 2.58 -4.22	22.30 2.17 -0.02	21.06 1.83 0.00
PROJECT___ORANGE 1 24174	17.84 0.07 0.00	16.59 0.07 0.00	14.67 0.01 0.00	14.48 0.04 0.00	14.45 0.03 0.00	16.16 0.06 0.00	23.58 0.09 0.00	25.30 -0.08 0.00	23.87 -0.07 0.00	21.51 -0.09 0.00	20.87 -0.06 0.00	20.33 -0.08 0.00	19.80 -0.10 0.00	20.46 0.00 0.00	21.03 -0.04 0.00	21.86 -0.07 0.00	25.04 0.00 0.00	28.97 -0.06 0.00	28.96 -0.12 0.00	25.67 -0.13 -0.24	23.23 -0.07 -0.25	21.49 -0.06 -0.02	20.03 -0.08 0.00	19.25 0.02 0.00
PROJECT___ORANGE 2 24166	17.84 0.07 0.00	16.59 0.07 0.00	14.67 0.01 0.00	14.48 0.04 0.00	14.45 0.03 0.00	16.16 0.06 0.00	23.58 0.09 0.00	25.30 -0.08 0.00	23.87 -0.07 0.00	21.51 -0.09 0.00	20.87 -0.06 0.00	20.33 -0.08 0.00	19.80 -0.10 0.00	20.46 0.00 0.00	21.03 -0.04 0.00	21.86 -0.07 0.00	25.04 0.00 0.00	28.97 -0.06 0.00	28.96 -0.12 0.00	25.67 -0.13 -0.24	23.23 -0.07 -0.25	21.49 -0.06 -0.02	20.03 -0.08 0.00	19.25 0.02 0.00

PUCKETT___SOLAR 323809	18.46 0.69 0.00	17.17 0.64 0.00	15.19 0.53 0.00	14.98 0.55 0.00	14.94 0.52 0.00	16.73 0.63 0.00	24.45 0.96 0.00	26.24 0.86 0.00	24.71 0.77 0.00	22.20 0.60 0.00	21.37 0.44 0.00	20.84 0.43 0.00	20.32 0.42 0.00	20.91 0.45 0.00	21.60 0.53 0.00	22.59 0.66 0.00	25.87 0.83 0.00	30.04 1.02 0.00	30.12 1.05 0.00	27.04 0.77 -0.72	24.51 0.72 -0.74	22.26 0.67 -0.07	20.67 0.56 0.00	19.81 0.58 0.00
PYRITES___HYD 24023	17.70 -0.07 0.00	16.42 -0.10 0.00	14.60 -0.06 0.00	14.39 -0.04 0.00	14.35 -0.07 0.00	15.99 -0.11 0.00	23.25 -0.23 0.00	24.87 -0.51 0.00	23.32 -0.62 0.00	20.97 -0.63 0.00	20.49 -0.44 0.00	19.86 -0.55 0.00	19.35 -0.56 0.00	20.01 -0.45 0.00	20.55 -0.53 0.00	21.27 -0.66 0.00	24.42 -0.63 0.00	28.30 -0.73 0.00	28.55 -0.52 0.00	25.15 -0.41 0.00	22.61 -0.44 0.00	21.12 -0.41 0.00	19.97 -0.14 0.00	19.02 -0.21 0.00
QUAKERRD_115KV_BK1 80622	17.64 -0.12 0.00	16.42 -0.10 0.00	14.53 -0.13 0.00	14.39 -0.04 0.00	14.31 -0.12 0.00	16.02 -0.08 0.00	23.20 -0.28 0.00	24.62 -0.76 0.00	23.25 -0.69 0.00	21.01 -0.58 0.00	20.47 -0.46 0.00	19.90 -0.51 0.00	19.37 -0.54 0.00	20.03 -0.43 0.00	20.53 -0.55 0.00	21.42 -0.50 0.00	24.39 -0.65 0.00	28.36 -0.67 0.00	28.32 -0.76 0.00	25.29 -0.56 -0.29	22.91 -0.44 -0.30	20.95 -0.60 -0.03	19.47 -0.64 0.00	18.90 -0.33 0.00
QUENSBRY_115KV_TB8 356137	19.01 1.24 0.00	17.65 1.12 0.00	15.64 0.98 0.00	15.40 0.97 0.00	15.42 1.00 0.00	17.29 1.19 0.00	25.41 1.93 0.00	27.56 2.18 0.00	25.91 1.96 0.00	23.32 1.73 0.00	22.44 1.51 0.00	21.90 1.49 0.00	21.38 1.47 0.00	21.89 1.43 0.00	22.61 1.54 0.00	23.95 2.02 0.00	27.20 2.15 0.00	31.44 2.41 0.00	31.40 2.33 0.00	30.39 2.04 -2.79	28.01 2.05 -2.90	23.61 1.83 -0.25	21.70 1.59 0.00	20.61 1.38 0.00
RAMAPO___LBMP 323565	18.37 0.60 0.00	17.08 0.56 0.00	15.17 0.51 0.00	14.91 0.48 0.00	14.93 0.50 0.00	16.63 0.53 0.00	24.38 0.89 0.00	26.60 1.22 0.00	25.17 1.22 0.00	22.74 1.14 0.00	21.90 0.96 0.00	21.37 0.96 0.00	20.86 0.96 0.00	21.36 0.90 0.00	22.04 0.97 0.00	23.11 1.18 0.00	26.39 1.35 0.00	30.62 1.60 0.00	30.65 1.57 0.00	28.95 1.35 -2.04	26.42 1.24 -2.12	22.88 1.16 -0.19	21.13 1.03 0.00	20.06 0.83 0.00
RANKINE____ 23646	18.41 0.64 0.00	17.10 0.58 0.00	15.16 0.50 0.00	15.07 0.64 0.00	14.97 0.55 0.00	16.71 0.61 0.00	23.98 0.49 0.00	25.13 -0.25 0.00	23.82 -0.12 0.00	21.64 0.04 0.00	21.21 0.27 0.00	20.60 0.18 0.00	20.06 0.16 0.00	20.87 0.41 0.00	21.22 0.15 0.00	22.21 0.29 0.00	25.17 0.13 0.00	29.08 0.06 0.00	28.96 -0.12 0.00	25.55 -0.38 -0.38	23.16 -0.28 -0.39	21.39 -0.17 -0.03	19.77 -0.34 0.00	19.48 0.25 0.00
RAVENSWOOD_GT2_1 24244	18.50 0.73 0.00	17.22 0.69 0.00	15.30 0.65 0.00	15.01 0.58 0.00	15.04 0.62 0.00	16.74 0.64 0.00	24.57 1.08 0.00	26.88 1.50 0.00	25.48 1.53 0.00	23.02 1.43 0.00	22.13 1.19 0.00	21.62 1.20 0.00	21.10 1.19 0.00	21.60 1.15 0.00	22.30 1.22 0.00	23.38 1.45 0.00	26.74 1.70 0.00	30.97 1.94 0.00	30.94 1.86 0.00	29.34 1.64 -2.15	26.76 1.48 -2.23	23.13 1.40 -0.20	21.38 1.27 0.00	20.25 1.02 0.00
RAVENSWOOD_GT2_2 24245	18.50 0.73 0.00	17.22 0.69 0.00	15.30 0.65 0.00	15.01 0.58 0.00	15.04 0.62 0.00	16.74 0.64 0.00	24.57 1.08 0.00	26.88 1.50 0.00	25.48 1.53 0.00	23.02 1.43 0.00	22.13 1.19 0.00	21.62 1.20 0.00	21.10 1.19 0.00	21.60 1.15 0.00	22.30 1.22 0.00	23.38 1.45 0.00	26.74 1.70 0.00	30.97 1.94 0.00	30.94 1.86 0.00	29.34 1.64 -2.15	26.76 1.48 -2.23	23.13 1.40 -0.20	21.38 1.27 0.00	20.25 1.02 0.00
RAVENSWOOD_GT2_3 24246	18.50 0.73 0.00	17.23 0.71 0.00	15.30 0.65 0.00	15.03 0.59 0.00	15.04 0.62 0.00	16.76 0.66 0.00	24.57 1.08 0.00	26.90 1.52 0.00	25.48 1.53 0.00	23.04 1.45 0.00	22.15 1.21 0.00	21.64 1.22 0.00	21.12 1.21 0.00	21.62 1.17 0.00	22.32 1.24 0.00	23.40 1.47 0.00	26.77 1.73 0.00	31.00 1.97 0.00	30.97 1.89 0.00	29.37 1.66 -2.15	26.78 1.50 -2.23	23.15 1.42 -0.20	21.38 1.27 0.00	20.25 1.02 0.00
RAVENSWOOD_GT2_4 24247	18.50 0.73 0.00	17.23 0.71 0.00	15.30 0.65 0.00	15.03 0.59 0.00	15.04 0.62 0.00	16.76 0.66 0.00	24.57 1.08 0.00	26.90 1.52 0.00	25.48 1.53 0.00	23.04 1.45 0.00	22.15 1.21 0.00	21.64 1.22 0.00	21.12 1.21 0.00	21.62 1.17 0.00	22.32 1.24 0.00	23.40 1.47 0.00	26.77 1.73 0.00	31.00 1.97 0.00	30.97 1.89 0.00	29.37 1.66 -2.15	26.78 1.50 -2.23	23.15 1.42 -0.20	21.38 1.27 0.00	20.25 1.02 0.00
RAVENSWOOD_GT3_1 24248	18.50 0.73 0.00	17.22 0.69 0.00	15.30 0.65 0.00	15.01 0.58 0.00	15.04 0.62 0.00	16.74 0.64 0.00	24.57 1.08 0.00	26.88 1.50 0.00	25.48 1.53 0.00	23.02 1.43 0.00	22.13 1.19 0.00	21.62 1.20 0.00	21.10 1.19 0.00	21.60 1.15 0.00	22.30 1.22 0.00	23.38 1.45 0.00	26.74 1.70 0.00	30.97 1.94 0.00	30.94 1.86 0.00	29.34 1.64 -2.15	26.76 1.48 -2.23	23.13 1.40 -0.20	21.38 1.27 0.00	20.25 1.02 0.00
RAVENSWOOD_GT3_2 24249	18.50 0.73 0.00	17.22 0.69 0.00	15.30 0.65 0.00	15.01 0.58 0.00	15.04 0.62 0.00	16.74 0.64 0.00	24.57 1.08 0.00	26.88 1.50 0.00	25.48 1.53 0.00	23.02 1.43 0.00	22.13 1.19 0.00	21.62 1.20 0.00	21.10 1.19 0.00	21.60 1.15 0.00	22.30 1.22 0.00	23.38 1.45 0.00	26.74 1.70 0.00	30.97 1.94 0.00	30.94 1.86 0.00	29.34 1.64 -2.15	26.76 1.48 -2.23	23.13 1.40 -0.20	21.38 1.27 0.00	20.25 1.02 0.00
RAVENSWOOD_GT3_3 24250	18.50 0.73 0.00	17.22 0.69 0.00	15.30 0.65 0.00	15.01 0.58 0.00	15.04 0.62 0.00	16.74 0.64 0.00	24.57 1.08 0.00	26.88 1.50 0.00	25.48 1.53 0.00	23.02 1.43 0.00	22.13 1.19 0.00	21.62 1.20 0.00	21.10 1.19 0.00	21.60 1.15 0.00	22.32 1.24 0.00	23.38 1.45 0.00	26.74 1.70 0.00	30.97 1.94 0.00	30.94 1.86 0.00	29.34 1.64 -2.15	26.78 1.50 -2.23	23.13 1.40 -0.20	21.38 1.27 0.00	20.25 1.02 0.00
RAVENSWOOD_GT3_4 24251	18.50 0.73 0.00	17.22 0.69 0.00	15.30 0.65 0.00	15.01 0.58 0.00	15.04 0.62 0.00	16.74 0.64 0.00	24.57 1.08 0.00	26.88 1.50 0.00	25.48 1.53 0.00	23.02 1.43 0.00	22.13 1.19 0.00	21.62 1.20 0.00	21.10 1.19 0.00	21.60 1.15 0.00	22.32 1.24 0.00	23.38 1.45 0.00	26.74 1.70 0.00	30.97 1.94 0.00	30.94 1.86 0.00	29.34 1.64 -2.15	26.78 1.50 -2.23	23.13 1.40 -0.20	21.38 1.27 0.00	20.25 1.02 0.00
RAVENSWOOD_GT_1 23729	18.60 0.82 -0.01	17.31 0.78 -0.01	15.36 0.69 -0.01	15.11 0.66 -0.01	15.12 0.69 -0.01	16.79 0.69 0.00	24.64 1.15 0.00	27.00 1.63 0.00	25.61 1.65 -0.01	23.18 1.58 -0.01	22.33 1.38 -0.01	21.77 1.35 -0.01	21.23 1.31 -0.01	21.84 1.37 -0.01	22.52 1.43 -0.01	23.52 1.58 -0.01	31.23 1.83 -4.36	31.13 2.09 -0.01	31.09 2.00 -0.01	29.47 1.76 -2.15	26.90 1.61 -2.24	23.24 1.51 -0.20	21.42 1.31 -0.01	20.35 1.11 -0.01

RAVENSWOOD_GT_10 24258	18.50 0.73 0.00	17.21 0.69 0.00	15.30 0.65 0.00	15.01 0.58 0.00	15.04 0.62 0.00	16.74 0.64 0.00	24.57 1.08 0.00	26.88 1.50 0.00	25.45 1.51 0.00	23.02 1.43 0.00	22.13 1.19 0.00	21.62 1.20 0.00	21.10 1.19 0.00	21.60 1.15 0.00	22.30 1.22 0.00	23.38 1.45 0.00	26.36 1.70 0.39	30.97 1.94 0.00	30.94 1.86 0.00	29.34 1.64 -2.15	26.76 1.48 -2.23	23.12 1.40 -0.19	21.38 1.27 0.00	20.23 1.00 0.00
RAVENSWOOD_GT_11 24259	18.50 0.73 0.00	17.21 0.69 0.00	15.27 0.62 0.00	15.01 0.58 0.00	15.03 0.61 0.00	16.74 0.64 0.00	24.57 1.08 0.00	26.88 1.50 0.00	25.45 1.51 0.00	23.06 1.47 0.00	22.19 1.26 0.00	21.64 1.22 0.00	21.10 1.19 0.00	21.70 1.25 0.00	22.40 1.33 0.00	23.40 1.47 0.00	26.36 1.70 0.39	30.97 1.95 0.00	30.94 1.86 0.00	29.34 1.64 -2.14	26.76 1.48 -2.23	23.12 1.40 -0.19	21.31 1.21 0.00	20.23 1.00 0.00
RAVENSWOOD_GT_4 24252	18.47 0.71 0.01	17.19 0.68 0.01	15.28 0.63 0.01	15.01 0.58 0.01	15.02 0.61 0.01	16.74 0.64 0.00	24.54 1.06 0.00	26.88 1.50 0.00	25.45 1.51 0.01	23.02 1.43 0.01	22.12 1.19 0.01	21.61 1.20 0.01	21.09 1.19 0.01	21.60 1.15 0.01	22.29 1.22 0.01	23.35 1.43 0.01	24.16 1.68 2.56	30.94 1.92 0.01	30.90 1.83 0.01	29.31 1.61 -2.14	26.75 1.48 -2.23	23.10 1.38 -0.19	21.35 1.25 0.01	20.22 1.00 0.01
RAVENSWOOD_GT_5 24254	18.47 0.71 0.01	17.19 0.68 0.01	15.28 0.63 0.01	15.01 0.58 0.01	15.02 0.61 0.01	16.74 0.64 0.00	24.54 1.06 0.00	26.88 1.50 0.00	25.45 1.51 0.01	23.02 1.43 0.01	22.12 1.19 0.01	21.61 1.20 0.01	21.09 1.19 0.01	21.60 1.15 0.01	22.29 1.22 0.01	23.35 1.43 0.01	24.16 1.68 2.56	30.94 1.92 0.01	30.90 1.83 0.01	29.31 1.61 -2.14	26.75 1.48 -2.23	23.10 1.38 -0.19	21.35 1.25 0.01	20.22 1.00 0.01
RAVENSWOOD_GT_6 24253	18.47 0.71 0.01	17.19 0.68 0.01	15.28 0.63 0.01	15.01 0.58 0.01	15.02 0.61 0.01	16.74 0.64 0.00	24.54 1.06 0.00	26.88 1.50 0.00	25.45 1.51 0.01	23.02 1.43 0.01	22.12 1.19 0.01	21.61 1.20 0.01	21.09 1.19 0.01	21.60 1.15 0.01	22.29 1.22 0.01	23.35 1.43 0.01	24.16 1.68 2.56	30.94 1.92 0.01	30.90 1.83 0.01	29.31 1.61 -2.14	26.75 1.48 -2.23	23.10 1.38 -0.19	21.35 1.25 0.01	20.22 1.00 0.01
RAVENSWOOD_GT_7 24255	18.47 0.71 0.01	17.19 0.68 0.01	15.28 0.63 0.01	15.01 0.58 0.01	15.02 0.61 0.01	16.74 0.64 0.00	24.54 1.06 0.00	26.88 1.50 0.00	25.45 1.51 0.01	23.02 1.43 0.01	22.12 1.19 0.01	21.61 1.20 0.01	21.09 1.19 0.01	21.60 1.15 0.01	22.29 1.22 0.01	23.35 1.43 0.01	24.16 1.68 2.56	30.94 1.92 0.01	30.90 1.83 0.01	29.31 1.61 -2.14	26.75 1.48 -2.23	23.10 1.38 -0.19	21.35 1.25 0.01	20.22 1.00 0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	18.50 0.73 0.00	17.21 0.69 0.00	15.30 0.65 0.00	15.01 0.58 0.00	15.04 0.62 0.00	16.74 0.64 0.00	24.57 1.08 0.00	26.88 1.50 0.00	25.45 1.51 0.00	23.02 1.43 0.00	22.13 1.19 0.00	21.62 1.20 0.00	21.10 1.19 0.00	21.60 1.15 0.00	22.30 1.22 0.00	23.38 1.45 0.00	26.36 1.70 0.39	30.97 1.94 0.00	30.94 1.86 0.00	29.34 1.64 -2.15	26.76 1.48 -2.23	23.12 1.40 -0.19	21.38 1.27 0.00	20.23 1.00 0.00
RAVENSWOOD_GT_9 24257	18.50 0.73 0.00	17.21 0.69 0.00	15.30 0.65 0.00	15.01 0.58 0.00	15.04 0.62 0.00	16.74 0.64 0.00	24.57 1.08 0.00	26.88 1.50 0.00	25.45 1.51 0.00	23.02 1.43 0.00	22.13 1.19 0.00	21.62 1.20 0.00	21.10 1.19 0.00	21.60 1.15 0.00	22.30 1.22 0.00	23.38 1.45 0.00	26.36 1.70 0.39	30.97 1.94 0.00	30.94 1.86 0.00	29.34 1.64 -2.15	26.76 1.48 -2.23	23.12 1.40 -0.19	21.38 1.27 0.00	20.23 1.00 0.00
RAVENSWOOD___1 23533	18.59 0.82 -0.01	17.31 0.78 -0.01	15.36 0.69 -0.01	15.09 0.65 -0.01	15.11 0.68 -0.01	16.79 0.69 0.00	24.64 1.15 0.00	27.00 1.63 0.00	25.58 1.63 -0.01	23.18 1.58 -0.01	22.30 1.36 -0.01	21.75 1.33 -0.01	21.20 1.29 -0.01	21.82 1.35 -0.01	22.50 1.41 -0.01	23.50 1.56 -0.01	30.68 1.80 -3.84	31.10 2.06 -0.01	31.09 2.00 -0.01	29.47 1.76 -2.15	26.88 1.59 -2.24	23.24 1.51 -0.20	21.41 1.29 -0.01	20.33 1.10 -0.01
RAVENSWOOD___2 23534	18.58 0.80 -0.01	17.31 0.78 -0.01	15.34 0.67 -0.01	15.09 0.65 -0.01	15.11 0.68 -0.01	16.79 0.69 0.00	24.64 1.15 0.00	26.98 1.60 0.00	25.58 1.63 -0.01	23.16 1.56 -0.01	22.28 1.34 -0.01	21.75 1.33 -0.01	21.20 1.29 -0.01	21.82 1.35 -0.01	22.50 1.41 -0.01	23.50 1.56 -0.01	30.67 1.80 -3.82	31.10 2.06 -0.01	31.09 2.00 -0.01	29.45 1.74 -2.15	26.88 1.59 -2.24	23.22 1.48 -0.20	21.41 1.29 -0.01	20.33 1.10 -0.01
RAVENSWOOD___3 23535	18.50 0.73 0.00	17.22 0.69 0.00	15.27 0.62 0.00	15.01 0.58 0.00	15.04 0.62 0.00	16.74 0.64 0.00	24.57 1.08 0.00	26.90 1.52 0.00	25.48 1.53 0.00	23.07 1.47 0.00	22.19 1.26 0.00	21.66 1.25 0.00	21.10 1.19 0.00	21.73 1.27 0.00	22.40 1.33 0.00	23.40 1.47 0.00	26.75 1.70 0.00	30.97 1.95 0.00	30.94 1.86 0.00	29.34 1.64 -2.14	26.78 1.50 -2.23	23.12 1.40 -0.19	21.32 1.21 0.00	20.25 1.02 0.00
RAVENSWOOD___4 23820	18.58 0.80 -0.01	17.29 0.76 -0.01	15.34 0.67 -0.01	15.09 0.65 -0.01	15.11 0.68 -0.01	16.77 0.68 0.00	24.61 1.13 0.00	26.98 1.60 0.00	25.56 1.60 -0.01	23.16 1.56 -0.01	22.28 1.34 -0.01	21.73 1.31 -0.01	21.19 1.27 -0.01	21.79 1.33 -0.01	22.47 1.39 -0.01	23.49 1.56 -0.01	30.15 1.80 -3.30	31.10 2.06 -0.01	31.06 1.98 -0.01	29.45 1.74 -2.15	26.88 1.59 -2.24	23.22 1.48 -0.20	21.40 1.29 -0.01	20.33 1.10 -0.01
RCPL_TRUST___DRP 24196	18.50 0.73 0.00	17.22 0.69 0.00	15.30 0.65 0.00	15.03 0.59 0.00	15.04 0.62 0.00	16.76 0.66 0.00	24.59 1.10 0.00	26.90 1.52 0.00	25.50 1.56 0.00	23.06 1.47 0.00	22.17 1.24 0.00	21.66 1.25 0.00	21.14 1.23 0.00	21.64 1.19 0.00	22.34 1.26 0.00	23.40 1.47 0.00	26.79 1.75 0.00	31.00 1.97 0.00	30.97 1.89 0.00	29.34 1.64 -2.15	26.76 1.48 -2.23	23.13 1.40 -0.20	21.38 1.27 0.00	20.23 1.00 0.00
RED___ROCHESTER 323720	18.27 0.50 0.00	16.98 0.46 0.00	15.10 0.44 0.00	14.91 0.48 0.00	14.81 0.39 0.00	16.58 0.48 0.00	23.95 0.47 0.00	25.38 0.00 0.00	23.97 0.02 0.00	21.70 0.11 0.00	21.00 0.06 0.00	20.51 0.10 0.00	20.00 0.10 0.00	20.44 -0.02 0.00	21.18 0.11 0.00	22.15 0.22 0.00	25.19 0.15 0.00	29.29 0.26 0.00	29.25 0.18 0.00	26.07 0.26 -0.25	23.64 0.32 -0.27	21.64 0.09 -0.02	20.05 -0.06 0.00	19.52 0.29 0.00
REGAN___SOLAR 323812	19.39 1.62 0.00	18.03 1.50 0.00	15.92 1.26 0.00	15.71 1.27 0.00	15.72 1.30 0.00	17.71 1.61 0.00	26.16 2.68 0.00	28.10 2.72 0.00	26.39 2.44 0.00	23.71 2.12 0.00	22.78 1.84 0.00	22.15 1.73 0.00	21.51 1.61 0.00	22.13 1.68 0.00	22.91 1.83 0.00	24.41 2.48 0.00	28.02 2.98 0.00	32.42 3.39 0.00	32.53 3.46 0.00	31.35 2.99 -2.81	28.69 2.72 -2.92	24.30 2.52 -0.25	22.30 2.19 0.00	21.12 1.89 0.00

RENSSELAER___COGEN 23796	18.05 0.28 0.00	16.83 0.31 0.00	14.95 0.29 0.00	14.72 0.29 0.00	14.74 0.32 0.00	16.44 0.34 0.00	23.95 0.47 0.00	26.01 0.63 0.00	24.52 0.57 0.00	22.09 0.50 0.00	21.29 0.36 0.00	20.78 0.37 0.00	20.28 0.38 0.00	20.83 0.37 0.00	21.47 0.40 0.00	22.50 0.57 0.00	25.72 0.68 0.00	29.84 0.81 0.00	29.89 0.81 0.00	29.01 0.74 -2.71	26.51 0.64 -2.82	22.38 0.60 -0.25	20.51 0.40 0.00	19.58 0.35 0.00
REPUBLIC_115KV_BARTNBRK 55605	19.81 2.04 0.00	18.37 1.85 0.00	16.24 1.58 0.00	16.01 1.57 0.00	16.05 1.63 0.00	18.06 1.96 0.00	26.66 3.17 0.00	28.78 3.40 0.00	27.03 3.09 0.00	24.34 2.74 0.00	23.47 2.53 0.00	22.78 2.37 0.00	22.21 2.31 0.00	22.83 2.37 0.00	23.54 2.47 0.00	25.13 3.20 0.00	28.62 3.58 0.00	32.97 3.95 0.00	32.97 3.90 0.00	31.72 3.37 -2.79	29.20 3.25 -2.90	24.67 2.89 -0.25	22.64 2.53 0.00	21.44 2.21 0.00
REVERE_CPPR_DRP 24186	18.43 0.66 0.00	17.15 0.63 0.00	15.14 0.48 0.00	14.95 0.52 0.00	14.90 0.48 0.00	16.69 0.60 0.00	24.45 0.96 0.00	26.19 0.81 0.00	24.64 0.69 0.00	22.14 0.54 0.00	21.50 0.57 0.00	20.86 0.45 0.00	20.34 0.44 0.00	21.11 0.65 0.00	21.62 0.55 0.00	22.50 0.57 0.00	25.82 0.78 0.00	29.90 0.87 0.00	30.04 0.96 0.00	26.40 0.72 -0.13	23.81 0.62 -0.13	22.04 0.50 -0.01	20.57 0.46 0.00	19.67 0.44 0.00
REYNOLDS_115KV_TB3 80639	18.19 0.43 0.00	16.97 0.45 0.00	15.07 0.41 0.00	14.83 0.39 0.00	14.84 0.42 0.00	16.57 0.47 0.00	24.14 0.66 0.00	26.24 0.86 0.00	24.71 0.77 0.00	22.24 0.65 0.00	21.42 0.48 0.00	20.92 0.51 0.00	20.44 0.54 0.00	20.93 0.47 0.00	21.58 0.51 0.00	22.65 0.72 0.00	25.89 0.85 0.00	30.04 1.02 0.00	30.12 1.05 0.00	29.19 0.92 -2.72	26.71 0.83 -2.83	22.55 0.78 -0.25	20.69 0.58 0.00	19.73 0.50 0.00
RIVERBAY____ 323610	18.81 1.03 -0.01	17.54 1.01 -0.01	15.62 0.95 -0.01	15.31 0.87 -0.01	15.32 0.89 -0.01	16.94 0.84 0.00	24.82 1.34 0.00	27.05 1.68 0.00	25.61 1.68 0.01	23.16 1.58 0.01	22.35 1.42 0.01	21.73 1.33 0.01	21.21 1.31 0.01	21.80 1.35 0.01	22.41 1.35 0.01	23.50 1.58 0.01	26.89 1.85 0.01	31.11 2.09 0.01	31.10 2.04 0.01	29.49 1.79 -2.14	26.93 1.64 -2.24	23.33 1.59 -0.20	21.67 1.55 -0.01	20.58 1.35 -0.01
RIVERSDE_115KV_TB3 55908	18.12 0.36 0.00	16.90 0.38 0.00	15.03 0.37 0.00	14.77 0.33 0.00	14.80 0.37 0.00	16.50 0.40 0.00	24.05 0.56 0.00	26.14 0.76 0.00	24.64 0.69 0.00	22.16 0.56 0.00	21.35 0.42 0.00	20.86 0.45 0.00	20.36 0.46 0.00	20.87 0.41 0.00	21.52 0.44 0.00	22.61 0.68 0.00	25.82 0.78 0.00	29.98 0.96 0.00	30.04 0.96 0.00	29.12 0.84 -2.72	26.64 0.76 -2.83	22.49 0.71 -0.25	20.63 0.52 0.00	19.65 0.42 0.00
ROARING___BROOK_WT_PWR 323790	17.80 0.04 0.00	16.54 0.02 0.00	14.64 -0.01 0.00	14.41 -0.03 0.00	14.38 -0.04 0.00	16.08 -0.02 0.00	23.49 0.00 0.00	25.38 0.00 0.00	23.94 0.00 0.00	21.62 0.02 0.00	20.96 0.02 0.00	20.43 0.02 0.00	19.92 0.02 0.00	20.48 0.02 0.00	21.10 0.02 0.00	21.97 0.04 0.00	25.07 0.03 0.00	29.03 0.00 0.00	28.96 -0.12 0.00	25.33 -0.23 0.00	22.71 -0.35 0.00	21.08 -0.45 0.00	19.61 -0.50 0.00	18.71 -0.52 0.00
ROCHESRG_115KV_T4 355643	18.09 0.32 0.00	16.82 0.30 0.00	14.89 0.23 0.00	14.77 0.33 0.00	14.68 0.26 0.00	16.42 0.32 0.00	23.72 0.23 0.00	25.10 -0.28 0.00	23.71 -0.24 0.00	21.47 -0.13 0.00	20.91 -0.02 0.00	20.35 -0.06 0.00	19.80 -0.10 0.00	20.48 0.02 0.00	20.97 -0.11 0.00	21.91 -0.02 0.00	24.89 -0.15 0.00	28.91 -0.12 0.00	28.87 -0.20 0.00	25.78 -0.08 -0.30	23.38 0.02 -0.31	21.39 -0.17 -0.03	19.81 -0.30 0.00	19.33 0.10 0.00
ROCHESTER_9_IC 23652	18.19 0.43 0.00	16.92 0.40 0.00	14.97 0.31 0.00	14.85 0.42 0.00	14.75 0.33 0.00	16.52 0.42 0.00	23.86 0.38 0.00	25.25 -0.13 0.00	23.85 -0.10 0.00	21.60 0.00 0.00	21.04 0.10 0.00	20.45 0.04 0.00	19.92 0.02 0.00	20.60 0.14 0.00	21.10 0.02 0.00	22.04 0.11 0.00	25.07 0.03 0.00	29.11 0.09 0.00	29.08 0.00 0.00	25.96 0.10 -0.30	23.54 0.18 -0.31	21.51 -0.04 -0.03	19.93 -0.18 0.00	19.44 0.21 0.00
ROCKVIEW_13_KV_LD 356306	18.55 0.78 0.00	17.25 0.73 0.00	15.32 0.66 0.00	15.04 0.61 0.00	15.07 0.65 0.00	16.79 0.69 0.00	24.64 1.15 0.00	26.93 1.55 0.00	25.50 1.56 0.00	23.04 1.45 0.00	22.15 1.21 0.00	21.66 1.25 0.00	21.14 1.23 0.00	21.64 1.19 0.00	22.34 1.26 0.00	23.42 1.49 0.00	26.77 1.73 0.00	31.03 2.00 0.00	31.05 1.98 0.00	29.44 1.74 -2.15	26.85 1.57 -2.23	23.19 1.46 -0.20	21.40 1.29 0.00	20.27 1.04 0.00
ROME____115KV_TB2 80656	18.43 0.66 0.00	17.15 0.63 0.00	15.14 0.48 0.00	14.95 0.52 0.00	14.90 0.48 0.00	16.69 0.60 0.00	24.45 0.96 0.00	26.19 0.81 0.00	24.64 0.69 0.00	22.14 0.54 0.00	21.50 0.57 0.00	20.86 0.45 0.00	20.34 0.44 0.00	21.11 0.65 0.00	21.62 0.55 0.00	22.50 0.57 0.00	25.82 0.78 0.00	29.90 0.87 0.00	30.04 0.96 0.00	26.40 0.72 -0.13	23.81 0.62 -0.13	22.04 0.50 -0.01	20.57 0.46 0.00	19.67 0.44 0.00
ROSETON___1 23587	18.39 0.62 0.00	17.10 0.58 0.00	15.17 0.51 0.00	14.93 0.49 0.00	14.94 0.52 0.00	16.66 0.56 0.00	24.38 0.89 0.00	26.60 1.22 0.00	25.14 1.20 0.00	22.74 1.14 0.00	21.90 0.96 0.00	21.37 0.96 0.00	20.84 0.94 0.00	21.42 0.96 0.00	22.09 1.01 0.00	23.07 1.14 0.00	26.34 1.30 0.00	30.56 1.54 0.00	30.59 1.51 0.00	29.05 1.35 -2.14	26.50 1.22 -2.23	22.87 1.14 -0.19	21.03 0.93 0.00	20.04 0.81 0.00
ROSETON___2 23588	18.39 0.62 0.00	17.10 0.58 0.00	15.17 0.51 0.00	14.93 0.49 0.00	14.94 0.52 0.00	16.66 0.56 0.00	24.38 0.89 0.00	26.60 1.22 0.00	25.14 1.20 0.00	22.74 1.14 0.00	21.90 0.96 0.00	21.37 0.96 0.00	20.84 0.94 0.00	21.42 0.96 0.00	22.09 1.01 0.00	23.07 1.14 0.00	26.34 1.30 0.00	30.56 1.54 0.00	30.59 1.51 0.00	29.05 1.35 -2.14	26.50 1.22 -2.23	22.87 1.14 -0.19	21.03 0.93 0.00	20.04 0.81 0.00
ROTTTRDAM_115KV_TB3 80664	18.41 0.64 0.00	17.12 0.59 0.00	15.19 0.53 0.00	14.94 0.51 0.00	14.96 0.53 0.00	16.71 0.61 0.00	24.45 0.96 0.00	26.50 1.12 0.00	24.97 1.03 0.00	22.50 0.91 0.00	21.71 0.77 0.00	21.19 0.78 0.00	20.66 0.76 0.00	21.19 0.74 0.00	21.85 0.78 0.00	22.94 1.01 0.00	26.19 1.15 0.00	30.36 1.34 0.00	30.41 1.34 0.00	29.55 1.18 -2.81	27.08 1.11 -2.93	22.80 1.01 -0.26	20.97 0.86 0.00	19.98 0.75 0.00
RUSSELL___1 23602	18.27 0.50 0.00	16.98 0.46 0.00	15.03 0.37 0.00	14.91 0.48 0.00	14.81 0.39 0.00	16.58 0.48 0.00	23.95 0.47 0.00	25.38 0.00 0.00	23.97 0.02 0.00	21.70 0.11 0.00	21.12 0.19 0.00	20.55 0.14 0.00	20.00 0.10 0.00	20.68 0.23 0.00	21.20 0.13 0.00	22.15 0.22 0.00	25.19 0.15 0.00	29.29 0.26 0.00	29.25 0.17 0.00	26.11 0.26 -0.30	23.68 0.32 -0.31	21.62 0.06 -0.03	20.01 -0.10 0.00	19.52 0.29 0.00

RUSSELL___2 23532	18.27 0.50 0.00	16.98 0.46 0.00	15.03 0.37 0.00	14.91 0.48 0.00	14.81 0.39 0.00	16.58 0.48 0.00	23.95 0.47 0.00	25.38 0.00 0.00	23.97 0.02 0.00	21.70 0.11 0.00	21.12 0.19 0.00	20.55 0.14 0.00	20.00 0.10 0.00	20.68 0.23 0.00	21.20 0.13 0.00	22.15 0.22 0.00	25.19 0.15 0.00	29.29 0.26 0.00	29.25 0.17 0.00	26.11 0.26 -0.30	23.68 0.32 -0.31	21.62 0.06 -0.03	20.01 -0.10 0.00	19.52 0.29 0.00
RUSSELL___3 23549	18.27 0.50 0.00	16.98 0.46 0.00	15.03 0.37 0.00	14.91 0.48 0.00	14.81 0.39 0.00	16.58 0.48 0.00	23.95 0.47 0.00	25.38 0.00 0.00	23.97 0.02 0.00	21.70 0.11 0.00	21.12 0.19 0.00	20.55 0.14 0.00	20.00 0.10 0.00	20.68 0.23 0.00	21.20 0.13 0.00	22.15 0.22 0.00	25.19 0.15 0.00	29.29 0.26 0.00	29.25 0.17 0.00	26.11 0.26 -0.30	23.68 0.32 -0.31	21.62 0.06 -0.03	20.01 -0.10 0.00	19.52 0.29 0.00
RUSSELL___4 23556	18.27 0.50 0.00	16.98 0.46 0.00	15.03 0.37 0.00	14.91 0.48 0.00	14.81 0.39 0.00	16.58 0.48 0.00	23.95 0.47 0.00	25.38 0.00 0.00	23.97 0.02 0.00	21.70 0.11 0.00	21.12 0.19 0.00	20.55 0.14 0.00	20.00 0.10 0.00	20.68 0.23 0.00	21.20 0.13 0.00	22.15 0.22 0.00	25.19 0.15 0.00	29.29 0.26 0.00	29.25 0.17 0.00	26.11 0.26 -0.30	23.68 0.32 -0.31	21.62 0.06 -0.03	20.01 -0.10 0.00	19.52 0.29 0.00
RUSSELL___STATION 23914	18.27 0.50 0.00	16.98 0.46 0.00	15.03 0.37 0.00	14.91 0.48 0.00	14.81 0.39 0.00	16.58 0.48 0.00	23.95 0.47 0.00	25.38 0.00 0.00	23.97 0.02 0.00	21.70 0.11 0.00	21.12 0.19 0.00	20.55 0.14 0.00	20.00 0.10 0.00	20.68 0.23 0.00	21.20 0.13 0.00	22.15 0.22 0.00	25.19 0.15 0.00	29.29 0.26 0.00	29.25 0.17 0.00	26.11 0.26 -0.30	23.68 0.32 -0.31	21.62 0.06 -0.03	20.01 -0.10 0.00	19.52 0.29 0.00
S SALMON___HYD 24043	18.07 0.30 0.00	16.82 0.30 0.00	14.86 0.21 0.00	14.68 0.25 0.00	14.62 0.20 0.00	16.39 0.29 0.00	24.05 0.56 0.00	25.76 0.38 0.00	24.28 0.34 0.00	21.81 0.22 0.00	21.06 0.13 0.00	20.54 0.12 0.00	20.02 0.12 0.00	20.64 0.18 0.00	21.24 0.17 0.00	22.15 0.22 0.00	25.42 0.38 0.00	29.46 0.44 0.00	29.54 0.46 0.00	26.05 0.33 -0.16	23.52 0.30 -0.17	21.76 0.22 -0.01	20.29 0.18 0.00	19.42 0.19 0.00
S.PERRY___115KV_TB1 80734	18.83 1.07 0.00	17.53 1.01 0.00	15.48 0.82 0.00	15.37 0.94 0.00	15.26 0.84 0.00	17.11 1.01 0.00	24.75 1.27 0.00	26.29 0.91 0.00	24.78 0.84 0.00	22.31 0.71 0.00	21.60 0.67 0.00	21.02 0.61 0.00	20.46 0.56 0.00	21.17 0.72 0.00	21.75 0.67 0.00	22.76 0.83 0.00	26.02 0.98 0.00	30.30 1.28 0.00	30.33 1.25 0.00	26.98 1.02 -0.40	24.48 1.01 -0.42	22.36 0.80 -0.04	20.65 0.54 0.00	20.06 0.83 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	18.28 0.52 0.00	16.97 0.45 0.00	15.06 0.40 0.00	14.97 0.53 0.00	14.87 0.45 0.00	16.60 0.50 0.00	23.79 0.31 0.00	24.85 -0.53 0.00	23.54 -0.41 0.00	21.38 -0.22 0.00	20.96 0.02 0.00	20.35 -0.06 0.00	19.82 -0.08 0.00	20.60 0.14 0.00	20.97 -0.11 0.00	21.93 0.00 0.00	24.82 -0.23 0.00	28.68 -0.35 0.00	28.58 -0.49 0.00	25.39 -0.54 -0.36	23.04 -0.39 -0.38	21.15 -0.41 -0.03	19.55 -0.56 0.00	19.35 0.12 0.00
SAWYER___23_KV_LOAD 55526	18.28 0.52 0.00	16.97 0.45 0.00	15.06 0.40 0.00	14.97 0.53 0.00	14.87 0.45 0.00	16.60 0.50 0.00	23.79 0.31 0.00	24.85 -0.53 0.00	23.54 -0.41 0.00	21.38 -0.22 0.00	20.96 0.02 0.00	20.35 -0.06 0.00	19.82 -0.08 0.00	20.60 0.14 0.00	20.97 -0.11 0.00	21.93 0.00 0.00	24.82 -0.23 0.00	28.68 -0.35 0.00	28.58 -0.49 0.00	25.39 -0.54 -0.36	23.04 -0.39 -0.38	21.15 -0.41 -0.03	19.55 -0.56 0.00	19.35 0.12 0.00
SELKIRK___I 23801	18.28 0.52 0.00	17.03 0.51 0.00	15.13 0.47 0.00	14.88 0.45 0.00	14.90 0.48 0.00	16.63 0.53 0.00	24.26 0.77 0.00	26.32 0.94 0.00	24.78 0.84 0.00	22.33 0.73 0.00	21.54 0.61 0.00	21.00 0.59 0.00	20.50 0.60 0.00	21.07 0.61 0.00	21.73 0.65 0.00	22.78 0.85 0.00	26.04 1.00 0.00	30.19 1.16 0.00	30.27 1.19 0.00	29.27 1.05 -2.67	26.75 0.92 -2.78	22.63 0.86 -0.24	20.75 0.64 0.00	19.83 0.60 0.00
SELKIRK___II 23799	18.14 0.37 0.00	16.92 0.40 0.00	15.01 0.35 0.00	14.78 0.35 0.00	14.78 0.36 0.00	16.50 0.40 0.00	24.07 0.59 0.00	26.14 0.76 0.00	24.64 0.69 0.00	22.20 0.60 0.00	21.42 0.48 0.00	20.88 0.47 0.00	20.38 0.48 0.00	20.95 0.49 0.00	21.58 0.50 0.00	22.61 0.68 0.00	25.82 0.78 0.00	29.96 0.93 0.00	30.03 0.96 0.00	29.10 0.84 -2.70	26.60 0.74 -2.81	22.49 0.71 -0.25	20.61 0.50 0.00	19.67 0.44 0.00
SENECA OSWGO___HYD 24041	18.16 0.39 0.00	16.88 0.36 0.00	14.92 0.26 0.00	14.72 0.29 0.00	14.68 0.26 0.00	16.45 0.35 0.00	24.05 0.56 0.00	25.71 0.33 0.00	24.28 0.34 0.00	21.86 0.26 0.00	21.10 0.17 0.00	20.60 0.18 0.00	20.08 0.18 0.00	20.68 0.23 0.00	21.28 0.21 0.00	22.19 0.26 0.00	25.47 0.43 0.00	29.52 0.49 0.00	29.51 0.44 0.00	26.07 0.33 -0.18	23.56 0.32 -0.19	21.83 0.28 -0.02	20.41 0.30 0.00	19.56 0.33 0.00
SENECA___115KV_TB3 355854	18.44 0.68 0.00	17.13 0.61 0.00	15.19 0.53 0.00	15.10 0.66 0.00	15.00 0.58 0.00	16.74 0.64 0.00	24.03 0.54 0.00	25.18 -0.20 0.00	23.87 -0.07 0.00	21.68 0.09 0.00	21.25 0.31 0.00	20.64 0.22 0.00	20.08 0.18 0.00	20.91 0.45 0.00	21.26 0.19 0.00	22.24 0.31 0.00	25.22 0.18 0.00	29.14 0.12 0.00	29.02 -0.06 0.00	25.58 -0.36 -0.38	23.21 -0.23 -0.39	21.41 -0.15 -0.03	19.81 -0.30 0.00	19.50 0.27 0.00
SENECA___ENERGY 23797	17.95 0.18 0.00	16.69 0.17 0.00	14.78 0.12 0.00	14.58 0.14 0.00	14.54 0.11 0.00	16.29 0.19 0.00	23.74 0.26 0.00	25.40 0.03 0.00	24.02 0.07 0.00	21.64 0.04 0.00	20.89 -0.04 0.00	20.39 -0.02 0.00	19.88 -0.02 0.00	20.42 -0.04 0.00	21.07 0.00 0.00	22.00 0.07 0.00	25.19 0.15 0.00	29.23 0.20 0.00	29.22 0.15 0.00	25.89 0.05 -0.28	23.41 0.07 -0.29	21.58 0.02 -0.03	20.09 -0.02 0.00	19.33 0.10 0.00
SHOEMAKER___GT 23640	18.28 0.52 0.00	17.00 0.48 0.00	15.08 0.43 0.00	14.85 0.42 0.00	14.85 0.43 0.00	16.57 0.47 0.00	24.21 0.73 0.00	26.42 1.04 0.00	24.95 1.01 0.00	22.55 0.95 0.00	21.75 0.82 0.00	21.21 0.80 0.00	20.66 0.76 0.00	21.23 0.78 0.00	21.92 0.84 0.00	22.89 0.96 0.00	26.14 1.10 0.00	30.33 1.31 0.00	30.39 1.31 0.00	28.61 1.15 -1.90	26.07 1.04 -1.98	22.67 0.97 -0.17	20.87 0.76 0.00	19.90 0.67 0.00
SHOEMAKR_138KV_BK 111 55601	18.28 0.52 0.00	17.00 0.48 0.00	15.10 0.44 0.00	14.84 0.40 0.00	14.86 0.43 0.00	16.55 0.45 0.00	24.21 0.73 0.00	26.39 1.02 0.00	24.95 1.01 0.00	22.53 0.93 0.00	21.67 0.73 0.00	21.19 0.78 0.00	20.66 0.76 0.00	21.15 0.70 0.00	21.85 0.78 0.00	22.87 0.94 0.00	26.14 1.10 0.00	30.33 1.31 0.00	30.35 1.28 0.00	28.60 1.15 -1.89	26.03 1.01 -1.96	22.67 0.97 -0.17	20.95 0.84 0.00	19.90 0.67 0.00

SHOREHAM_IC_1 23715	19.28 1.51 0.00	17.86 1.34 0.00	15.70 1.04 0.00	15.43 1.00 0.00	15.45 1.02 0.00	17.35 1.26 0.00	25.39 1.90 0.00	28.28 2.89 -0.01	26.84 2.85 -0.05	24.24 2.63 -0.01	25.27 2.28 -2.06	25.30 2.19 -2.70	23.05 1.87 -1.28	25.50 2.13 -2.91	25.91 2.30 -2.54	28.17 2.59 -3.66	30.13 2.93 -2.16	33.00 3.45 -0.52	32.84 3.40 -0.37	46.60 3.12 -17.92	31.48 2.76 -5.67	28.33 2.58 -4.22	22.30 2.17 -0.02	21.06 1.83 0.00
SHOREHAM_IC_2 23716	19.28 1.51 0.00	17.86 1.34 0.00	15.70 1.04 0.00	15.43 1.00 0.00	15.45 1.02 0.00	17.35 1.26 0.00	25.39 1.90 0.00	28.28 2.89 -0.01	26.84 2.85 -0.05	24.24 2.63 -0.01	25.27 2.28 -2.06	25.30 2.19 -2.70	23.05 1.87 -1.28	25.50 2.13 -2.91	25.91 2.30 -2.54	28.17 2.59 -3.66	30.13 2.93 -2.16	33.00 3.45 -0.52	32.84 3.40 -0.37	46.60 3.12 -17.92	31.48 2.76 -5.67	28.33 2.58 -4.22	22.30 2.17 -0.02	21.06 1.83 0.00
SISSONVILLE____ 23735	17.48 -0.28 0.00	16.21 -0.31 0.00	14.44 -0.22 0.00	14.20 -0.23 0.00	14.18 -0.25 0.00	15.78 -0.32 0.00	22.90 -0.59 0.00	24.47 -0.91 0.00	22.94 -1.01 0.00	20.67 -0.93 0.00	20.14 -0.80 0.00	19.55 -0.86 0.00	19.05 -0.86 0.00	19.62 -0.84 0.00	20.21 -0.86 0.00	20.92 -1.01 0.00	24.02 -1.03 0.00	27.78 -1.25 0.00	28.03 -1.05 0.00	24.69 -0.87 0.00	22.20 -0.85 0.00	20.80 -0.73 0.00	19.69 -0.42 0.00	18.79 -0.44 0.00
SITHE_IND_GS1 24169	17.48 -0.28 0.00	16.26 -0.26 0.00	14.42 -0.24 0.00	14.20 -0.23 0.00	14.18 -0.25 0.00	15.84 -0.26 0.00	23.11 -0.38 0.00	24.77 -0.61 0.00	23.37 -0.57 0.00	21.08 -0.52 0.00	20.39 -0.54 0.00	19.90 -0.51 0.00	19.41 -0.50 0.00	19.95 -0.51 0.00	20.51 -0.57 0.00	21.38 -0.55 0.00	24.44 -0.60 0.00	28.33 -0.70 0.00	28.35 -0.73 0.00	25.06 -0.64 -0.13	22.64 -0.55 -0.14	21.03 -0.52 -0.01	19.69 -0.42 0.00	18.88 -0.35 0.00
SITHE_IND_GS2 24170	17.48 -0.28 0.00	16.26 -0.26 0.00	14.42 -0.24 0.00	14.20 -0.23 0.00	14.18 -0.25 0.00	15.84 -0.26 0.00	23.11 -0.38 0.00	24.77 -0.61 0.00	23.37 -0.57 0.00	21.08 -0.52 0.00	20.39 -0.54 0.00	19.90 -0.51 0.00	19.41 -0.50 0.00	19.95 -0.51 0.00	20.51 -0.57 0.00	21.38 -0.55 0.00	24.44 -0.60 0.00	28.33 -0.70 0.00	28.35 -0.73 0.00	25.06 -0.64 -0.13	22.64 -0.55 -0.14	21.03 -0.52 -0.01	19.69 -0.42 0.00	18.88 -0.35 0.00
SITHE_IND_GS3 24171	17.48 -0.28 0.00	16.26 -0.26 0.00	14.42 -0.24 0.00	14.20 -0.23 0.00	14.18 -0.25 0.00	15.84 -0.26 0.00	23.11 -0.38 0.00	24.77 -0.61 0.00	23.37 -0.57 0.00	21.08 -0.52 0.00	20.39 -0.54 0.00	19.90 -0.51 0.00	19.41 -0.50 0.00	19.95 -0.51 0.00	20.51 -0.57 0.00	21.38 -0.55 0.00	24.44 -0.60 0.00	28.33 -0.70 0.00	28.35 -0.73 0.00	25.06 -0.64 -0.13	22.64 -0.55 -0.14	21.03 -0.52 -0.01	19.69 -0.42 0.00	18.88 -0.35 0.00
SITHE_IND_GS4 24172	17.48 -0.28 0.00	16.26 -0.26 0.00	14.42 -0.24 0.00	14.20 -0.23 0.00	14.18 -0.25 0.00	15.84 -0.26 0.00	23.11 -0.38 0.00	24.77 -0.61 0.00	23.37 -0.57 0.00	21.08 -0.52 0.00	20.39 -0.54 0.00	19.90 -0.51 0.00	19.41 -0.50 0.00	19.95 -0.51 0.00	20.51 -0.57 0.00	21.38 -0.55 0.00	24.44 -0.60 0.00	28.33 -0.70 0.00	28.35 -0.73 0.00	25.06 -0.64 -0.13	22.64 -0.55 -0.14	21.03 -0.52 -0.01	19.69 -0.42 0.00	18.88 -0.35 0.00
SITHE____BATAVIA 24024	18.57 0.80 0.00	17.30 0.78 0.00	15.42 0.76 0.00	15.24 0.81 0.00	15.13 0.71 0.00	16.89 0.79 0.00	24.17 0.68 0.00	25.33 -0.05 0.00	23.92 -0.02 0.00	21.70 0.11 0.00	21.00 0.06 0.00	20.51 0.10 0.00	20.02 0.12 0.00	20.42 -0.04 0.00	21.22 0.15 0.00	22.24 0.31 0.00	25.22 0.18 0.00	29.32 0.29 0.00	29.22 0.15 0.00	26.01 0.15 -0.29	23.58 0.23 -0.30	21.60 0.04 -0.03	20.01 -0.10 0.00	19.67 0.44 0.00
SITHE____INDEPEND 23800	17.48 -0.28 0.00	16.26 -0.26 0.00	14.41 -0.25 0.00	14.20 -0.23 0.00	14.18 -0.25 0.00	15.84 -0.26 0.00	23.11 -0.38 0.00	24.77 -0.61 0.00	23.37 -0.57 0.00	21.08 -0.52 0.00	20.45 -0.48 0.00	19.90 -0.51 0.00	19.41 -0.50 0.00	20.01 -0.45 0.00	20.57 -0.51 0.00	21.38 -0.55 0.00	24.44 -0.60 0.00	28.33 -0.70 0.00	28.35 -0.73 0.00	25.10 -0.64 -0.18	22.68 -0.55 -0.18	21.01 -0.54 -0.02	19.63 -0.48 0.00	18.88 -0.35 0.00
SITHE____MASSENA 23902	17.56 -0.21 0.00	16.29 -0.23 0.00	14.51 -0.15 0.00	14.28 -0.16 0.00	14.26 -0.16 0.00	15.86 -0.24 0.00	23.06 -0.42 0.00	24.90 -0.48 0.00	23.44 -0.50 0.00	21.14 -0.45 0.00	20.62 -0.31 0.00	20.05 -0.37 0.00	19.52 -0.38 0.00	20.09 -0.37 0.00	20.70 -0.38 0.00	21.45 -0.48 0.00	24.51 -0.53 0.00	28.39 -0.64 0.00	28.55 -0.52 0.00	25.18 -0.38 0.00	22.66 -0.39 0.00	21.19 -0.35 0.00	19.91 -0.20 0.00	18.98 -0.25 0.00
SITHE____OGDNSBRG 24021	17.70 -0.07 0.00	16.42 -0.10 0.00	14.62 -0.04 0.00	14.39 -0.04 0.00	14.35 -0.07 0.00	15.97 -0.13 0.00	23.25 -0.23 0.00	25.00 -0.38 0.00	23.47 -0.48 0.00	21.10 -0.50 0.00	20.60 -0.33 0.00	19.98 -0.43 0.00	19.46 -0.44 0.00	20.09 -0.37 0.00	20.67 -0.40 0.00	21.42 -0.50 0.00	24.57 -0.48 0.00	28.48 -0.55 0.00	28.70 -0.38 0.00	25.30 -0.26 0.00	22.75 -0.30 0.00	21.25 -0.28 0.00	20.01 -0.10 0.00	19.06 -0.17 0.00
SITHE____STERLING 23777	18.32 0.55 0.00	17.05 0.53 0.00	15.07 0.41 0.00	14.87 0.43 0.00	14.83 0.40 0.00	16.61 0.52 0.00	24.28 0.80 0.00	26.06 0.69 0.00	24.54 0.60 0.00	22.07 0.47 0.00	21.33 0.40 0.00	20.80 0.39 0.00	20.28 0.38 0.00	20.89 0.43 0.00	21.54 0.46 0.00	22.43 0.50 0.00	25.69 0.65 0.00	29.75 0.73 0.00	29.83 0.75 0.00	26.28 0.59 -0.13	23.69 0.51 -0.13	21.97 0.43 -0.01	20.51 0.40 0.00	19.63 0.40 0.00
SLEIGHT__34_KV_TB1 80719	18.37 0.60 0.00	17.08 0.56 0.00	15.08 0.43 0.00	14.91 0.48 0.00	14.86 0.43 0.00	16.66 0.56 0.00	24.33 0.85 0.00	26.06 0.69 0.00	24.61 0.67 0.00	22.16 0.56 0.00	21.52 0.59 0.00	20.92 0.51 0.00	20.36 0.46 0.00	21.11 0.65 0.00	21.66 0.59 0.00	22.57 0.64 0.00	25.87 0.83 0.00	30.01 0.99 0.00	29.95 0.87 0.00	26.60 0.74 -0.30	24.05 0.69 -0.31	22.10 0.54 -0.03	20.55 0.44 0.00	19.79 0.56 0.00
SOUTH CAIRO____GT 23612	18.62 0.85 0.00	17.35 0.83 0.00	15.39 0.73 0.00	15.21 0.78 0.00	15.22 0.79 0.00	16.95 0.85 0.00	24.78 1.29 0.00	26.85 1.47 0.00	25.12 1.17 0.00	22.57 0.97 0.00	21.69 0.75 0.00	21.13 0.71 0.00	20.60 0.70 0.00	21.19 0.74 0.00	21.90 0.82 0.00	23.05 1.12 0.00	26.42 1.38 0.00	30.77 1.74 0.00	30.94 1.86 0.00	29.64 1.53 -2.55	26.93 1.22 -2.65	23.05 1.29 -0.23	21.05 0.95 0.00	20.12 0.89 0.00
SOUTH HAMPTN____IC 23720	19.51 1.74 0.00	18.07 1.55 0.00	15.88 1.22 0.00	15.60 1.17 0.00	15.62 1.20 0.00	17.56 1.46 0.00	25.67 2.18 0.00	28.69 3.30 -0.01	27.25 3.26 -0.05	24.63 3.02 -0.01	25.65 2.66 -2.06	25.66 2.55 -2.70	23.59 2.41 -1.28	25.85 2.47 -2.91	26.31 2.70 -2.54	28.57 2.98 -3.66	30.60 3.41 -2.16	33.55 4.01 -0.52	33.40 3.95 -0.37	47.13 3.60 -17.97	31.90 3.18 -5.67	28.70 2.95 -4.22	22.58 2.45 -0.02	21.33 2.10 0.00

SOUTHDOW_115KV_TB1 355954	18.94 1.17 0.00	17.56 1.04 0.00	15.57 0.91 0.00	15.47 1.04 0.00	15.37 0.95 0.00	17.19 1.09 0.00	24.68 1.20 0.00	26.09 0.71 0.00	24.78 0.84 0.00	22.55 0.95 0.00	22.21 1.28 0.00	21.51 1.10 0.00	20.96 1.05 0.00	21.85 1.39 0.00	22.17 1.10 0.00	23.18 1.25 0.00	26.32 1.28 0.00	30.39 1.36 0.00	30.18 1.10 0.00	26.39 0.43 -0.40	23.81 0.35 -0.42	22.08 0.52 -0.04	20.37 0.26 0.00	19.88 0.65 0.00
SOUTHOLD_69_KV_BK 2 55809	19.78 2.01 0.00	18.32 1.80 0.00	16.11 1.45 0.00	15.82 1.39 0.00	15.89 1.47 0.00	17.79 1.69 0.00	26.02 2.54 0.00	29.09 3.71 0.00	27.68 3.69 -0.05	24.99 3.39 0.00	25.63 2.64 -2.06	26.03 2.92 -2.70	23.97 2.79 -1.28	25.97 2.60 -2.92	26.63 3.01 -2.54	29.01 3.42 -3.66	31.13 3.93 -2.16	34.19 4.64 -0.52	33.98 4.54 -0.37	47.66 4.14 -17.96	32.38 3.66 -5.67	29.13 3.38 -4.22	23.04 2.92 -0.02	21.69 2.46 0.00
SOUTHOLD___IC 23719	19.78 2.01 0.00	18.32 1.80 0.00	16.08 1.42 0.00	15.82 1.39 0.00	15.84 1.41 0.00	17.80 1.71 0.00	26.02 2.54 0.00	29.09 3.71 -0.01	27.68 3.69 -0.05	25.02 3.41 -0.01	26.05 3.06 -2.06	26.05 2.94 -2.70	23.97 2.79 -1.28	26.21 2.84 -2.91	26.72 3.10 -2.54	29.03 3.44 -3.66	31.13 3.93 -2.16	34.19 4.64 -0.52	33.98 4.53 -0.37	47.66 4.14 -17.96	32.38 3.67 -5.67	29.13 3.38 -4.22	22.98 2.85 -0.02	21.65 2.42 0.00
SPIERFLS_115KV_TB 1 80737	18.92 1.15 0.00	17.58 1.06 0.00	15.58 0.92 0.00	15.34 0.91 0.00	15.36 0.94 0.00	17.21 1.11 0.00	25.27 1.78 0.00	27.41 2.03 0.00	25.79 1.84 0.00	23.22 1.62 0.00	22.36 1.42 0.00	21.80 1.39 0.00	21.28 1.37 0.00	21.81 1.35 0.00	22.51 1.43 0.00	23.79 1.86 0.00	27.02 1.98 0.00	31.23 2.21 0.00	31.20 2.12 0.00	30.22 1.87 -2.79	27.85 1.89 -2.91	23.49 1.70 -0.25	21.62 1.51 0.00	20.54 1.31 0.00
ST LAWRENCE____ 23600	17.38 -0.39 0.00	16.14 -0.38 0.00	14.35 -0.31 0.00	14.13 -0.30 0.00	14.12 -0.30 0.00	15.71 -0.39 0.00	22.90 -0.59 0.00	24.75 -0.63 0.00	23.32 -0.62 0.00	21.03 -0.56 0.00	20.52 -0.42 0.00	19.96 -0.45 0.00	19.45 -0.46 0.00	20.01 -0.45 0.00	20.61 -0.46 0.00	21.34 -0.59 0.00	24.39 -0.65 0.00	28.24 -0.78 0.00	28.38 -0.70 0.00	25.00 -0.56 0.00	22.52 -0.53 0.00	21.04 -0.49 0.00	19.75 -0.36 0.00	18.85 -0.38 0.00
STATE_CA_115KV_115_LB 55624	18.12 0.36 0.00	16.90 0.38 0.00	15.03 0.37 0.00	14.77 0.33 0.00	14.78 0.36 0.00	16.50 0.40 0.00	24.07 0.59 0.00	26.14 0.76 0.00	24.64 0.69 0.00	22.16 0.56 0.00	21.37 0.44 0.00	20.86 0.45 0.00	20.38 0.48 0.00	20.89 0.43 0.00	21.54 0.46 0.00	22.63 0.70 0.00	25.87 0.83 0.00	30.01 0.99 0.00	30.06 0.99 0.00	29.16 0.87 -2.74	26.68 0.78 -2.85	22.49 0.71 -0.25	20.65 0.54 0.00	19.65 0.42 0.00
STATE_ST_34_KV_LOAD 55959	18.09 0.32 0.00	16.82 0.30 0.00	14.86 0.21 0.00	14.67 0.23 0.00	14.64 0.22 0.00	16.39 0.29 0.00	23.95 0.47 0.00	25.91 0.53 0.00	24.47 0.53 0.00	22.03 0.43 0.00	21.21 0.27 0.00	20.78 0.37 0.00	20.22 0.32 0.00	20.80 0.35 0.00	21.52 0.44 0.00	22.41 0.48 0.00	25.69 0.65 0.00	29.78 0.75 0.00	29.77 0.70 0.00	26.38 0.51 -0.31	23.86 0.48 -0.33	21.99 0.43 -0.03	20.33 0.22 0.00	19.54 0.31 0.00
STATION 5_MISC_HYD 23604	18.19 0.43 0.00	16.92 0.40 0.00	15.04 0.38 0.00	14.85 0.42 0.00	14.75 0.33 0.00	16.52 0.42 0.00	23.86 0.37 0.00	25.25 -0.13 0.00	23.85 -0.10 0.00	21.60 0.00 0.00	20.89 -0.04 0.00	20.41 0.00 0.00	19.92 0.02 0.00	20.34 -0.12 0.00	21.07 0.00 0.00	22.04 0.11 0.00	25.07 0.03 0.00	29.11 0.09 0.00	29.08 0.00 0.00	25.92 0.10 -0.25	23.50 0.18 -0.27	21.53 -0.02 -0.02	19.97 -0.14 0.00	19.44 0.21 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	18.18 0.41 0.00	16.92 0.40 0.00	14.95 0.29 0.00	14.81 0.38 0.00	14.73 0.30 0.00	16.50 0.40 0.00	23.95 0.47 0.00	25.48 0.10 0.00	24.04 0.10 0.00	21.73 0.13 0.00	21.14 0.21 0.00	20.53 0.12 0.00	20.00 0.10 0.00	20.70 0.25 0.00	21.20 0.13 0.00	22.15 0.22 0.00	25.27 0.23 0.00	29.38 0.35 0.00	29.34 0.26 0.00	26.11 0.26 -0.30	23.64 0.28 -0.31	21.64 0.09 -0.03	20.13 0.02 0.00	19.50 0.27 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	18.05 0.28 0.00	16.80 0.28 0.00	14.86 0.21 0.00	14.72 0.29 0.00	14.64 0.22 0.00	16.39 0.29 0.00	23.70 0.21 0.00	25.13 -0.25 0.00	23.73 -0.22 0.00	21.47 -0.13 0.00	20.91 -0.02 0.00	20.33 -0.08 0.00	19.80 -0.10 0.00	20.48 0.02 0.00	20.97 -0.11 0.00	21.91 -0.02 0.00	24.92 -0.13 0.00	28.97 -0.06 0.00	28.93 -0.15 0.00	25.83 -0.03 -0.30	23.40 0.05 -0.31	21.39 -0.17 -0.03	19.83 -0.28 0.00	19.31 0.08 0.00
STA_56___34_KV_BUS2 355983	18.05 0.28 0.00	16.80 0.28 0.00	14.86 0.21 0.00	14.72 0.29 0.00	14.64 0.22 0.00	16.39 0.29 0.00	23.70 0.21 0.00	25.13 -0.25 0.00	23.73 -0.22 0.00	21.47 -0.13 0.00	20.91 -0.02 0.00	20.33 -0.08 0.00	19.80 -0.10 0.00	20.48 0.02 0.00	20.97 -0.11 0.00	21.91 -0.02 0.00	24.92 -0.13 0.00	28.97 -0.06 0.00	28.93 -0.15 0.00	25.83 -0.03 -0.30	23.40 0.05 -0.31	21.39 -0.17 -0.03	19.83 -0.28 0.00	19.31 0.08 0.00
STA_67___115KV_BK2 355882	18.16 0.39 0.00	16.89 0.36 0.00	14.95 0.29 0.00	14.83 0.39 0.00	14.73 0.30 0.00	16.48 0.39 0.00	23.81 0.33 0.00	25.20 -0.18 0.00	23.80 -0.14 0.00	21.55 -0.04 0.00	20.98 0.04 0.00	20.41 0.00 0.00	19.88 -0.02 0.00	20.56 0.10 0.00	21.05 -0.02 0.00	21.99 0.07 0.00	24.99 -0.05 0.00	29.06 0.03 0.00	28.99 -0.09 0.00	25.91 0.05 -0.30	23.47 0.12 -0.31	21.45 -0.11 -0.03	19.89 -0.22 0.00	19.40 0.17 0.00
STA_7___115KV_9TRANS 80674	18.27 0.50 0.00	16.98 0.46 0.00	15.03 0.37 0.00	14.91 0.48 0.00	14.81 0.39 0.00	16.58 0.48 0.00	23.95 0.47 0.00	25.38 0.00 0.00	23.97 0.02 0.00	21.70 0.11 0.00	21.12 0.19 0.00	20.55 0.14 0.00	20.00 0.10 0.00	20.68 0.23 0.00	21.20 0.13 0.00	22.15 0.22 0.00	25.19 0.15 0.00	29.29 0.26 0.00	29.25 0.17 0.00	26.11 0.26 -0.30	23.68 0.32 -0.31	21.62 0.06 -0.03	20.01 -0.10 0.00	19.52 0.29 0.00
STA_82___115KV_TB1 80780	18.16 0.39 0.00	16.90 0.38 0.00	14.95 0.29 0.00	14.83 0.39 0.00	14.74 0.32 0.00	16.48 0.39 0.00	23.81 0.33 0.00	25.23 -0.15 0.00	23.82 -0.12 0.00	21.55 -0.04 0.00	21.00 0.06 0.00	20.43 0.02 0.00	19.88 -0.02 0.00	20.56 0.10 0.00	21.07 0.00 0.00	22.02 0.09 0.00	25.02 -0.03 0.00	29.08 0.06 0.00	29.02 -0.06 0.00	25.91 0.05 -0.30	23.50 0.14 -0.31	21.47 -0.09 -0.03	19.91 -0.20 0.00	19.40 0.17 0.00
STEEL___WIND 323596	18.43 0.66 0.00	17.12 0.59 0.00	15.27 0.62 0.00	15.09 0.65 0.00	14.98 0.56 0.00	16.73 0.63 0.00	24.00 0.52 0.00	25.15 -0.23 0.00	23.85 -0.10 0.00	21.66 0.06 0.00	20.96 0.02 0.00	20.54 0.12 0.00	20.06 0.16 0.00	20.40 -0.06 0.00	21.22 0.15 0.00	22.21 0.28 0.00	25.19 0.15 0.00	29.08 0.06 0.00	28.96 -0.12 0.00	25.52 -0.38 -0.34	23.13 -0.28 -0.35	21.37 -0.19 -0.03	19.81 -0.30 0.00	19.50 0.27 0.00

STEPHTWN_115KV_BK_2 55603	18.23 0.46 0.00	16.98 0.46 0.00	15.08 0.43 0.00	14.84 0.40 0.00	14.87 0.45 0.00	16.60 0.50 0.00	24.24 0.75 0.00	26.32 0.94 0.00	24.78 0.84 0.00	22.31 0.71 0.00	21.50 0.57 0.00	20.98 0.57 0.00	20.48 0.58 0.00	21.01 0.55 0.00	21.66 0.59 0.00	22.81 0.88 0.00	26.09 1.05 0.00	30.25 1.22 0.00	30.33 1.25 0.00	29.37 1.10 -2.71	26.87 0.99 -2.82	22.68 0.90 -0.25	20.81 0.70 0.00	19.79 0.56 0.00
STEUBEN_REC_LFGE 323667	18.76 1.00 0.00	17.41 0.89 0.00	15.39 0.73 0.00	15.27 0.84 0.00	15.19 0.76 0.00	17.02 0.92 0.00	24.66 1.17 0.00	26.12 0.74 0.00	24.73 0.79 0.00	22.33 0.73 0.00	21.77 0.84 0.00	21.09 0.67 0.00	20.54 0.64 0.00	21.42 0.96 0.00	21.85 0.78 0.00	22.85 0.92 0.00	26.09 1.05 0.00	30.19 1.16 0.00	30.06 0.99 0.00	26.56 0.51 -0.49	24.07 0.51 -0.51	22.11 0.54 -0.04	20.47 0.36 0.00	19.88 0.65 0.00
STONY__BROOK 24151	19.21 1.44 0.00	17.79 1.27 0.00	15.64 0.98 0.00	15.37 0.94 0.00	15.40 0.98 0.00	17.29 1.19 0.00	25.32 1.83 0.00	28.18 2.79 -0.01	26.72 2.73 -0.05	24.15 2.55 -0.01	25.23 2.24 -2.06	25.25 2.14 -2.70	23.24 2.05 -1.28	25.48 2.11 -2.91	25.87 2.26 -2.54	28.09 2.50 -3.66	30.08 2.88 -2.16	32.90 3.37 -0.51	32.74 3.31 -0.36	47.16 2.94 -18.66	31.34 2.63 -5.67	28.23 2.47 -4.22	22.18 2.05 -0.02	20.98 1.75 0.00
STURGEON_POOL_HYD 23609	18.48 0.71 0.00	17.17 0.64 0.00	15.25 0.59 0.00	15.00 0.56 0.00	15.00 0.58 0.00	16.69 0.60 0.00	24.45 0.96 0.00	26.65 1.27 0.00	25.17 1.22 0.00	22.72 1.12 0.00	21.88 0.94 0.00	21.35 0.94 0.00	20.80 0.90 0.00	21.30 0.84 0.00	21.98 0.91 0.00	23.03 1.10 0.00	26.29 1.25 0.00	30.57 1.54 0.00	30.59 1.51 0.00	29.00 1.20 -2.24	26.44 1.06 -2.33	22.87 1.14 -0.20	21.18 1.07 0.00	20.10 0.87 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	18.34 0.57 0.00	17.05 0.53 0.00	15.14 0.48 0.00	14.88 0.45 0.00	14.90 0.48 0.00	16.60 0.50 0.00	24.31 0.82 0.00	26.47 1.09 0.00	25.02 1.08 0.00	22.61 1.02 0.00	21.79 0.86 0.00	21.27 0.86 0.00	20.74 0.84 0.00	21.25 0.80 0.00	21.94 0.86 0.00	22.96 1.03 0.00	26.24 1.20 0.00	30.45 1.42 0.00	30.47 1.40 0.00	28.75 1.23 -1.96	26.20 1.11 -2.04	22.76 1.05 -0.18	21.05 0.95 0.00	19.98 0.75 0.00
SWANROAD_115KV_TB1 355699	18.05 0.28 0.00	16.82 0.30 0.00	14.92 0.26 0.00	14.90 0.46 0.00	14.78 0.36 0.00	16.45 0.35 0.00	23.34 -0.14 0.00	24.21 -1.17 0.00	22.94 -1.01 0.00	20.84 -0.76 0.00	20.41 -0.52 0.00	19.84 -0.57 0.00	19.31 -0.60 0.00	20.17 -0.29 0.00	20.51 -0.57 0.00	21.45 -0.48 0.00	24.24 -0.80 0.00	28.04 -0.99 0.00	27.94 -1.13 0.00	24.89 -1.02 -0.35	22.61 -0.81 -0.37	20.72 -0.84 -0.03	19.14 -0.97 0.00	19.00 -0.23 0.00
SYNERGY__BIOGAS 323694	18.57 0.80 0.00	17.30 0.78 0.00	15.42 0.76 0.00	15.24 0.81 0.00	15.13 0.71 0.00	16.89 0.79 0.00	24.17 0.68 0.00	25.33 -0.05 0.00	23.92 -0.02 0.00	21.70 0.11 0.00	21.00 0.06 0.00	20.51 0.10 0.00	20.02 0.12 0.00	20.42 -0.04 0.00	21.22 0.15 0.00	22.24 0.31 0.00	25.22 0.18 0.00	29.32 0.29 0.00	29.22 0.15 0.00	26.01 0.15 -0.29	23.58 0.23 -0.30	21.60 0.04 -0.03	20.01 -0.10 0.00	19.67 0.44 0.00
SYRACUSE__ENERGY_ST1 323597	18.00 0.23 0.00	16.74 0.21 0.00	14.79 0.13 0.00	14.61 0.17 0.00	14.57 0.14 0.00	16.31 0.21 0.00	23.81 0.33 0.00	25.53 0.15 0.00	24.09 0.14 0.00	21.70 0.11 0.00	21.06 0.13 0.00	20.47 0.06 0.00	19.96 0.06 0.00	20.66 0.20 0.00	21.20 0.13 0.00	22.06 0.13 0.00	25.27 0.23 0.00	29.26 0.23 0.00	29.25 0.17 0.00	25.95 0.13 -0.26	23.46 0.14 -0.27	21.66 0.11 -0.02	20.21 0.10 0.00	19.42 0.19 0.00
SYRACUSE__ENERGY_ST2 323598	18.00 0.23 0.00	16.74 0.21 0.00	14.79 0.13 0.00	14.61 0.17 0.00	14.57 0.14 0.00	16.31 0.21 0.00	23.81 0.33 0.00	25.53 0.15 0.00	24.09 0.14 0.00	21.70 0.11 0.00	21.06 0.13 0.00	20.47 0.06 0.00	19.96 0.06 0.00	20.66 0.20 0.00	21.20 0.13 0.00	22.06 0.13 0.00	25.27 0.23 0.00	29.26 0.23 0.00	29.25 0.17 0.00	25.95 0.13 -0.26	23.46 0.14 -0.27	21.66 0.11 -0.02	20.21 0.10 0.00	19.42 0.19 0.00
SYRACUSE__POWER 24017	17.88 0.11 0.00	16.62 0.10 0.00	14.70 0.04 0.00	14.52 0.09 0.00	14.48 0.06 0.00	16.21 0.11 0.00	23.65 0.16 0.00	25.38 0.00 0.00	23.97 0.02 0.00	21.60 0.00 0.00	20.93 0.00 0.00	20.39 -0.02 0.00	19.86 -0.04 0.00	20.52 0.06 0.00	21.10 0.02 0.00	21.95 0.02 0.00	25.12 0.08 0.00	29.08 0.06 0.00	29.08 0.00 0.00	25.80 -0.03 -0.27	23.35 0.02 -0.28	21.55 0.00 -0.02	20.11 0.00 0.00	19.31 0.08 0.00
TALLMAN__138KV_BK151 55660	18.41 0.64 0.00	17.12 0.59 0.00	15.20 0.54 0.00	14.94 0.51 0.00	14.96 0.53 0.00	16.66 0.56 0.00	24.42 0.94 0.00	26.65 1.27 0.00	25.21 1.27 0.00	22.78 1.19 0.00	21.94 1.00 0.00	21.41 1.00 0.00	20.90 1.00 0.00	21.42 0.96 0.00	22.09 1.01 0.00	23.16 1.23 0.00	26.47 1.43 0.00	30.71 1.68 0.00	30.70 1.63 0.00	29.02 1.43 -2.03	26.46 1.29 -2.11	22.94 1.23 -0.18	21.20 1.09 0.00	20.10 0.87 0.00
TEALLAVE_115KV_TB7 355573	17.84 0.07 0.00	16.59 0.07 0.00	14.67 0.01 0.00	14.48 0.04 0.00	14.44 0.01 0.00	16.16 0.06 0.00	23.58 0.09 0.00	25.28 -0.10 0.00	23.87 -0.07 0.00	21.51 -0.09 0.00	20.87 -0.06 0.00	20.31 -0.10 0.00	19.80 -0.10 0.00	20.46 0.00 0.00	21.01 -0.06 0.00	21.86 -0.07 0.00	25.02 -0.03 0.00	28.94 -0.09 0.00	28.93 -0.15 0.00	25.64 -0.15 -0.23	23.22 -0.07 -0.24	21.47 -0.09 -0.02	20.03 -0.08 0.00	19.25 0.02 0.00
TELGRAPH_34_KV_EAST 80808	18.37 0.60 0.00	17.10 0.58 0.00	15.14 0.48 0.00	15.10 0.66 0.00	14.98 0.56 0.00	16.71 0.61 0.00	23.86 0.38 0.00	24.90 -0.48 0.00	23.56 -0.38 0.00	21.38 -0.22 0.00	20.96 0.02 0.00	20.33 -0.08 0.00	19.78 -0.12 0.00	20.62 0.16 0.00	20.99 -0.08 0.00	21.95 0.02 0.00	24.87 -0.18 0.00	28.82 -0.20 0.00	28.73 -0.35 0.00	25.57 -0.33 -0.34	23.22 -0.18 -0.35	21.24 -0.32 -0.03	19.65 -0.46 0.00	19.38 0.15 0.00
TEMPLE__115KV_TB 2 55572	17.84 0.07 0.00	16.59 0.07 0.00	14.67 0.01 0.00	14.48 0.04 0.00	14.45 0.03 0.00	16.16 0.06 0.00	23.58 0.09 0.00	25.30 -0.08 0.00	23.87 -0.07 0.00	21.51 -0.09 0.00	20.87 -0.06 0.00	20.33 -0.08 0.00	19.80 -0.10 0.00	20.46 0.00 0.00	21.03 -0.04 0.00	21.86 -0.07 0.00	25.04 0.00 0.00	28.97 -0.06 0.00	28.96 -0.12 0.00	25.67 -0.13 -0.24	23.23 -0.07 -0.25	21.49 -0.06 -0.02	20.03 -0.08 0.00	19.25 0.02 0.00
TIANA__69_KV_BK 1 55817	19.44 1.67 0.00	18.01 1.49 0.00	15.83 1.17 0.00	15.55 1.11 0.00	15.62 1.20 0.00	17.48 1.38 0.00	25.58 2.09 0.00	28.58 3.20 0.00	27.13 3.14 -0.05	24.49 2.89 0.00	25.13 2.14 -2.06	25.54 2.43 -2.70	23.47 2.29 -1.28	25.46 2.09 -2.92	26.12 2.51 -2.54	28.46 2.87 -3.66	30.45 3.26 -2.16	33.38 3.83 -0.52	33.23 3.78 -0.37	47.00 3.48 -17.96	31.80 3.09 -5.67	28.62 2.86 -4.22	22.56 2.43 -0.02	21.27 2.04 0.00

TILDEN___115KV_TB1 80814	17.88 0.11 0.00	16.62 0.10 0.00	14.70 0.04 0.00	14.52 0.09 0.00	14.48 0.06 0.00	16.21 0.11 0.00	23.65 0.16 0.00	25.38 0.00 0.00	23.97 0.02 0.00	21.60 0.00 0.00	20.93 0.00 0.00	20.39 -0.02 0.00	19.86 -0.04 0.00	20.52 0.06 0.00	21.10 0.02 0.00	21.95 0.02 0.00	25.12 0.08 0.00	29.08 0.06 0.00	29.08 0.00 0.00	25.80 -0.03 -0.27	23.35 0.02 -0.28	21.55 0.00 -0.02	20.11 0.00 0.00	19.31 0.08 0.00
TRIGEN___CC 323695	18.80 1.03 0.00	17.45 0.93 0.00	15.41 0.75 0.00	15.13 0.69 0.00	15.19 0.76 0.00	16.97 0.87 0.00	24.85 1.36 0.00	27.36 1.98 0.00	25.93 1.94 -0.05	23.41 1.81 0.00	24.42 1.42 -2.06	24.62 1.51 -2.70	22.68 1.49 -1.28	24.76 1.39 -2.91	25.15 1.54 -2.54	27.36 1.78 -3.66	29.23 2.03 -2.16	31.82 2.35 -0.44	31.67 2.30 -0.29	31.77 2.02 -4.19	30.56 1.84 -5.66	27.50 1.74 -4.22	21.68 1.55 -0.02	20.56 1.33 0.00
TRINITY__115KV__4 BK 55933	18.07 0.30 0.00	16.87 0.35 0.00	14.98 0.32 0.00	14.74 0.30 0.00	14.75 0.33 0.00	16.45 0.35 0.00	23.98 0.49 0.00	26.06 0.69 0.00	24.57 0.62 0.00	22.09 0.50 0.00	21.29 0.36 0.00	20.80 0.39 0.00	20.30 0.40 0.00	20.80 0.35 0.00	21.45 0.38 0.00	22.54 0.61 0.00	25.77 0.73 0.00	29.90 0.87 0.00	29.95 0.87 0.00	29.04 0.77 -2.72	26.57 0.69 -2.83	22.42 0.65 -0.25	20.57 0.46 0.00	19.60 0.37 0.00
UNION___PROCESSING_DRP 323587	18.18 0.41 0.00	16.90 0.38 0.00	14.97 0.31 0.00	14.84 0.40 0.00	14.74 0.32 0.00	16.50 0.40 0.00	23.84 0.35 0.00	25.23 -0.15 0.00	23.82 -0.12 0.00	21.57 -0.02 0.00	21.00 0.06 0.00	20.43 0.02 0.00	19.90 0.00 0.00	20.58 0.12 0.00	21.07 0.00 0.00	22.02 0.09 0.00	25.04 0.00 0.00	29.08 0.06 0.00	29.05 -0.03 0.00	25.93 0.08 -0.30	23.52 0.16 -0.31	21.49 -0.06 -0.03	19.91 -0.20 0.00	19.42 0.19 0.00
UPPER HUDSON___HYD 24058	18.92 1.15 0.00	17.58 1.06 0.00	15.57 0.91 0.00	15.35 0.91 0.00	15.36 0.94 0.00	17.21 1.11 0.00	25.27 1.78 0.00	27.41 2.03 0.00	25.79 1.84 0.00	23.24 1.64 0.00	22.40 1.46 0.00	21.80 1.39 0.00	21.27 1.37 0.00	21.87 1.41 0.00	22.55 1.47 0.00	23.82 1.89 0.00	27.02 1.98 0.00	31.23 2.20 0.00	31.20 2.12 0.00	30.21 1.86 -2.79	27.84 1.89 -2.90	23.48 1.70 -0.25	21.58 1.47 0.00	20.54 1.31 0.00
UPPER RAQUET___HYD 24056	17.48 -0.28 0.00	16.21 -0.31 0.00	14.42 -0.24 0.00	14.20 -0.23 0.00	14.18 -0.25 0.00	15.78 -0.32 0.00	22.90 -0.59 0.00	24.47 -0.91 0.00	22.94 -1.00 0.00	20.65 -0.95 0.00	20.12 -0.82 0.00	19.56 -0.86 0.00	19.05 -0.86 0.00	19.62 -0.84 0.00	20.21 -0.86 0.00	20.92 -1.01 0.00	24.01 -1.03 0.00	27.78 -1.25 0.00	28.03 -1.05 0.00	24.69 -0.87 0.00	22.20 -0.85 0.00	20.78 -0.75 0.00	19.69 -0.42 0.00	18.79 -0.44 0.00
VALLEY44_115KV_TB2 355964	18.25 0.48 0.00	16.92 0.40 0.00	15.01 0.35 0.00	14.91 0.48 0.00	14.83 0.40 0.00	16.55 0.45 0.00	23.86 0.38 0.00	25.28 -0.10 0.00	23.97 0.02 0.00	21.77 0.17 0.00	21.31 0.38 0.00	20.68 0.27 0.00	20.16 0.26 0.00	20.91 0.45 0.00	21.35 0.27 0.00	22.32 0.39 0.00	25.29 0.25 0.00	29.23 0.20 0.00	29.10 0.03 0.00	25.10 -0.87 -0.41	22.78 -0.69 -0.42	21.40 -0.17 -0.04	19.87 -0.24 0.00	19.35 0.12 0.00
VALLEY___115KV_TB 1-4 80826	17.96 0.20 0.00	16.69 0.17 0.00	14.78 0.12 0.00	14.55 0.12 0.00	14.52 0.10 0.00	16.23 0.13 0.00	23.70 0.21 0.00	25.46 0.08 0.00	24.02 0.07 0.00	21.64 0.04 0.00	21.08 0.15 0.00	20.47 0.06 0.00	19.96 0.06 0.00	20.62 0.16 0.00	21.12 0.04 0.00	21.97 0.04 0.00	25.07 0.03 0.00	29.00 -0.03 0.00	28.99 -0.09 0.00	25.41 -0.15 0.00	22.91 -0.14 0.00	21.47 -0.06 0.00	20.15 0.04 0.00	19.27 0.04 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	18.76 1.00 0.00	17.46 0.94 0.00	15.44 0.78 0.00	15.24 0.81 0.00	15.19 0.76 0.00	17.00 0.90 0.00	24.92 1.43 0.00	27.00 1.62 0.00	25.45 1.51 0.00	22.87 1.27 0.00	22.06 1.13 0.00	21.53 1.12 0.00	21.02 1.11 0.00	21.66 1.21 0.00	22.34 1.26 0.00	23.33 1.40 0.00	26.72 1.68 0.00	30.97 1.94 0.00	31.08 2.01 0.00	28.27 1.66 -1.05	25.62 1.48 -1.09	22.92 1.29 -0.10	21.22 1.11 0.00	20.21 0.98 0.00
VISCHER___FERRY HYD 24020	18.46 0.69 0.00	17.17 0.64 0.00	15.25 0.59 0.00	15.00 0.56 0.00	15.01 0.59 0.00	16.77 0.68 0.00	24.52 1.03 0.00	26.60 1.22 0.00	25.07 1.13 0.00	22.55 0.95 0.00	21.75 0.82 0.00	21.21 0.80 0.00	20.70 0.80 0.00	21.25 0.80 0.00	21.92 0.84 0.00	22.98 1.05 0.00	26.24 1.20 0.00	30.45 1.42 0.00	30.53 1.45 0.00	29.58 1.28 -2.74	27.08 1.17 -2.86	22.88 1.10 -0.25	20.95 0.84 0.00	20.02 0.79 0.00
V_A_10_SYNC_DSASP 323832	18.05 0.28 0.00	16.79 0.26 0.00	14.97 0.31 0.00	14.78 0.35 0.00	14.70 0.27 0.00	16.40 0.31 0.00	23.58 0.09 0.00	24.70 -0.68 0.00	23.37 -0.57 0.00	21.21 -0.39 0.00	20.52 -0.42 0.00	20.06 -0.35 0.00	19.60 -0.30 0.00	19.97 -0.49 0.00	20.72 -0.36 0.00	21.67 -0.26 0.00	24.57 -0.48 0.00	28.45 -0.58 0.00	28.35 -0.73 0.00	25.35 -0.49 -0.28	23.02 -0.32 -0.29	21.08 -0.47 -0.03	19.51 -0.60 0.00	19.19 -0.04 0.00
V_CMM_10_SYNC_DSASP 323787	17.45 -0.32 0.00	16.19 -0.33 0.00	14.41 -0.25 0.00	14.18 -0.26 0.00	14.16 -0.26 0.00	15.78 -0.32 0.00	22.97 -0.52 0.00	24.82 -0.56 0.00	23.39 -0.55 0.00	21.10 -0.50 0.00	20.58 -0.36 0.00	20.02 -0.39 0.00	19.50 -0.40 0.00	20.07 -0.39 0.00	20.67 -0.40 0.00	21.40 -0.53 0.00	24.47 -0.57 0.00	28.33 -0.70 0.00	28.46 -0.61 0.00	25.10 -0.46 0.00	22.59 -0.46 0.00	21.12 -0.41 0.00	19.81 -0.30 0.00	18.90 -0.33 0.00
V_CMP_10_SYNC_DSASP 323788	18.12 0.36 0.00	16.79 0.26 0.00	14.98 0.32 0.00	14.74 0.30 0.00	14.73 0.30 0.00	16.34 0.24 0.00	23.41 -0.07 0.00	25.46 0.08 0.00	24.02 0.07 0.00	21.68 0.09 0.00	21.12 0.19 0.00	20.51 0.10 0.00	19.96 0.06 0.00	20.54 0.08 0.00	21.16 0.08 0.00	21.97 0.04 0.00	25.14 0.10 0.00	29.06 0.03 0.00	29.69 0.61 0.00	26.15 0.59 0.00	23.40 0.35 0.00	21.83 0.30 0.00	20.29 0.18 0.00	19.27 0.04 0.00
V_E_10_SYNC_DSASP 323830	19.44 1.67 0.00	18.09 1.57 0.00	15.93 1.27 0.00	15.76 1.33 0.00	15.65 1.23 0.00	17.61 1.51 0.00	25.86 2.37 0.00	27.66 2.29 0.00	25.96 2.01 0.00	23.22 1.62 0.00	22.32 1.38 0.00	21.74 1.33 0.00	21.22 1.31 0.00	21.95 1.49 0.00	22.72 1.64 0.00	23.73 1.80 0.00	27.40 2.35 0.00	31.79 2.76 0.00	31.95 2.88 0.00	28.57 2.33 -0.69	25.80 2.03 -0.72	23.34 1.74 -0.06	21.62 1.51 0.00	20.62 1.39 0.00
V_F_30_NSYNC___DSASP 323816	18.75 0.98 0.00	17.41 0.89 0.00	15.44 0.78 0.00	15.20 0.76 0.00	15.22 0.79 0.00	17.03 0.93 0.00	24.94 1.46 0.00	27.05 1.67 0.00	25.45 1.51 0.00	22.94 1.34 0.00	22.11 1.17 0.00	21.55 1.14 0.00	21.02 1.11 0.00	21.60 1.14 0.00	22.27 1.20 0.00	23.44 1.51 0.00	26.75 1.70 0.00	30.97 1.95 0.00	31.02 1.95 0.00	30.05 1.71 -2.78	27.56 1.61 -2.89	23.27 1.48 -0.25	21.32 1.21 0.00	20.33 1.10 0.00

V_F_30_SYNC_DSASP 323786	18.12 0.36 0.00	16.90 0.38 0.00	15.03 0.37 0.00	14.77 0.33 0.00	14.78 0.36 0.00	16.50 0.40 0.00	24.07 0.59 0.00	26.14 0.76 0.00	24.64 0.69 0.00	22.16 0.56 0.00	21.37 0.44 0.00	20.86 0.45 0.00	20.36 0.46 0.00	20.89 0.43 0.00	21.54 0.46 0.00	22.63 0.70 0.00	25.87 0.83 0.00	29.98 0.96 0.00	30.06 0.99 0.00	29.16 0.87 -2.74	26.68 0.78 -2.85	22.49 0.71 -0.25	20.65 0.54 0.00	19.65 0.42 0.00
V_XM_10_SYNC_DSASP 323789	18.12 0.36 0.00	16.79 0.26 0.00	14.98 0.32 0.00	14.74 0.30 0.00	14.73 0.30 0.00	16.34 0.24 0.00	23.41 -0.07 0.00	25.46 0.08 0.00	24.02 0.07 0.00	21.68 0.09 0.00	21.12 0.19 0.00	20.51 0.10 0.00	19.96 0.06 0.00	20.54 0.08 0.00	21.16 0.08 0.00	21.97 0.04 0.00	25.14 0.10 0.00	29.06 0.03 0.00	29.69 0.61 0.00	26.15 0.59 0.00	23.40 0.35 0.00	21.83 0.30 0.00	20.29 0.18 0.00	19.27 0.04 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	18.46 0.69 0.00	17.17 0.64 0.00	15.25 0.59 0.00	14.97 0.53 0.00	15.00 0.58 0.00	16.71 0.61 0.00	24.49 1.01 0.00	26.72 1.35 0.00	25.29 1.34 0.00	22.85 1.25 0.00	22.00 1.07 0.00	21.47 1.06 0.00	20.96 1.05 0.00	21.46 1.00 0.00	22.15 1.07 0.00	23.22 1.29 0.00	26.54 1.50 0.00	30.80 1.77 0.00	30.79 1.72 0.00	29.11 1.51 -2.05	26.54 1.36 -2.13	22.99 1.27 -0.19	21.26 1.15 0.00	20.15 0.92 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	18.50 0.73 0.00	17.22 0.69 0.00	15.30 0.65 0.00	15.03 0.59 0.00	15.04 0.62 0.00	16.76 0.66 0.00	24.59 1.10 0.00	26.90 1.52 0.00	25.50 1.56 0.00	23.06 1.47 0.00	22.17 1.24 0.00	21.66 1.25 0.00	21.14 1.23 0.00	21.64 1.19 0.00	22.34 1.26 0.00	23.40 1.47 0.00	26.79 1.75 0.00	31.00 1.97 0.00	30.97 1.89 0.00	29.34 1.64 -2.15	26.76 1.48 -2.23	23.13 1.40 -0.20	21.38 1.27 0.00	20.23 1.00 0.00
W50THST__13_KV_LOAD 356117	18.55 0.78 0.00	17.27 0.74 0.00	15.35 0.69 0.00	15.06 0.62 0.00	15.09 0.66 0.00	16.81 0.71 0.00	24.68 1.20 0.00	27.00 1.62 0.00	25.62 1.68 0.00	23.22 1.62 0.00	22.27 1.34 0.00	21.76 1.35 0.00	21.24 1.33 0.00	21.75 1.29 0.00	22.47 1.39 0.00	23.53 1.60 0.00	26.95 1.90 0.00	31.17 2.15 0.00	31.08 2.01 0.00	29.44 1.74 -2.15	26.85 1.57 -2.23	23.19 1.46 -0.20	21.44 1.33 0.00	20.29 1.06 0.00
WADING RIVER_IC_1 23522	19.28 1.51 0.00	17.88 1.36 0.00	15.70 1.04 0.00	15.43 1.00 0.00	15.45 1.02 0.00	17.37 1.27 0.00	25.39 1.90 0.00	28.31 2.92 -0.01	26.86 2.87 -0.05	24.26 2.66 -0.01	25.29 2.30 -2.06	25.32 2.21 -2.70	23.23 2.05 -1.28	25.52 2.15 -2.91	25.96 2.34 -2.54	28.19 2.61 -3.66	30.18 2.98 -2.16	33.03 3.48 -0.52	32.88 3.43 -0.37	46.72 3.14 -18.02	31.51 2.79 -5.67	28.36 2.60 -4.22	22.30 2.17 -0.02	21.06 1.83 0.00
WADING RIVER_IC_2 23547	19.28 1.51 0.00	17.88 1.36 0.00	15.70 1.04 0.00	15.43 1.00 0.00	15.45 1.02 0.00	17.37 1.27 0.00	25.39 1.90 0.00	28.31 2.92 -0.01	26.86 2.87 -0.05	24.26 2.66 -0.01	25.29 2.30 -2.06	25.32 2.21 -2.70	23.23 2.05 -1.28	25.52 2.15 -2.91	25.96 2.34 -2.54	28.19 2.61 -3.66	30.18 2.98 -2.16	33.03 3.48 -0.52	32.88 3.43 -0.37	46.72 3.14 -18.02	31.51 2.79 -5.67	28.36 2.60 -4.22	22.30 2.17 -0.02	21.06 1.83 0.00
WADING RIVER_IC_3 23601	19.28 1.51 0.00	17.88 1.36 0.00	15.70 1.04 0.00	15.43 1.00 0.00	15.45 1.02 0.00	17.37 1.27 0.00	25.39 1.90 0.00	28.31 2.92 -0.01	26.86 2.87 -0.05	24.26 2.66 -0.01	25.29 2.30 -2.06	25.32 2.21 -2.70	23.23 2.05 -1.28	25.52 2.15 -2.91	25.96 2.34 -2.54	28.19 2.61 -3.66	30.18 2.98 -2.16	33.03 3.48 -0.52	32.88 3.43 -0.37	46.72 3.14 -18.02	31.51 2.79 -5.67	28.36 2.60 -4.22	22.30 2.17 -0.02	21.06 1.83 0.00
WALDENNY_12_KV_BK2 80841	18.44 0.68 0.00	17.12 0.59 0.00	15.17 0.51 0.00	15.10 0.66 0.00	15.00 0.58 0.00	16.74 0.64 0.00	24.00 0.52 0.00	25.10 -0.28 0.00	23.80 -0.14 0.00	21.62 0.02 0.00	21.19 0.25 0.00	20.58 0.16 0.00	20.04 0.14 0.00	20.87 0.41 0.00	21.22 0.15 0.00	22.21 0.29 0.00	25.17 0.13 0.00	29.08 0.06 0.00	28.96 -0.12 0.00	25.57 -0.36 -0.37	23.19 -0.25 -0.39	21.39 -0.17 -0.03	19.75 -0.36 0.00	19.48 0.25 0.00
WALDEN__HYDRO 24148	18.46 0.69 0.00	17.17 0.64 0.00	15.22 0.56 0.00	14.98 0.55 0.00	15.00 0.58 0.00	16.71 0.61 0.00	24.47 0.99 0.00	26.67 1.29 0.00	25.19 1.24 0.00	22.76 1.17 0.00	21.92 0.98 0.00	21.37 0.96 0.00	20.82 0.92 0.00	21.42 0.96 0.00	22.11 1.03 0.00	23.11 1.18 0.00	26.34 1.30 0.00	30.59 1.57 0.00	30.64 1.57 0.00	29.00 1.38 -2.06	26.42 1.22 -2.14	22.88 1.16 -0.19	21.07 0.97 0.00	20.08 0.85 0.00
WARRENSBURG____ 23737	18.92 1.15 0.00	17.58 1.06 0.00	15.57 0.91 0.00	15.35 0.91 0.00	15.36 0.94 0.00	17.21 1.11 0.00	25.27 1.78 0.00	27.41 2.03 0.00	25.79 1.84 0.00	23.24 1.64 0.00	22.40 1.46 0.00	21.80 1.39 0.00	21.27 1.37 0.00	21.87 1.41 0.00	22.55 1.47 0.00	23.82 1.89 0.00	27.02 1.98 0.00	31.23 2.20 0.00	31.20 2.12 0.00	30.21 1.86 -2.79	27.84 1.89 -2.90	23.48 1.70 -0.25	21.58 1.47 0.00	20.54 1.31 0.00
WATERSIDE____6 8 9 23538	18.57 0.80 -0.01	17.29 0.76 -0.01	15.37 0.70 -0.01	15.09 0.65 -0.01	15.11 0.68 -0.01	16.77 0.68 0.00	24.61 1.13 0.00	26.98 1.60 0.00	25.56 1.60 -0.01	23.12 1.51 -0.01	22.22 1.28 -0.01	21.71 1.29 -0.01	21.18 1.27 -0.01	21.69 1.23 -0.01	22.39 1.31 -0.01	23.47 1.54 -0.01	30.15 1.80 -3.30	31.10 2.06 -0.01	31.06 1.98 -0.01	29.45 1.74 -2.15	26.88 1.59 -2.24	23.22 1.49 -0.20	21.46 1.35 -0.01	20.33 1.10 -0.01
WATKINRD_115KV_LN8_ILLION 55919	17.93 0.16 0.00	16.67 0.15 0.00	14.78 0.12 0.00	14.55 0.12 0.00	14.52 0.10 0.00	16.23 0.13 0.00	23.70 0.21 0.00	25.51 0.13 0.00	24.06 0.12 0.00	21.68 0.09 0.00	21.06 0.13 0.00	20.49 0.08 0.00	19.98 0.08 0.00	20.60 0.14 0.00	21.16 0.08 0.00	22.02 0.09 0.00	25.12 0.08 0.00	29.11 0.09 0.00	29.13 0.06 0.00	25.56 0.00 0.00	23.05 0.00 0.00	21.55 0.02 0.00	20.17 0.06 0.00	19.29 0.06 0.00
WATSON__69_KV_BK 1 55734	19.30 1.53 0.00	17.88 1.35 0.00	15.74 1.08 0.00	15.45 1.01 0.00	15.52 1.10 0.00	17.37 1.27 0.00	25.43 1.95 0.00	28.20 2.82 0.00	26.77 2.78 -0.05	24.15 2.55 0.00	24.98 1.99 -2.06	25.23 2.12 -2.70	23.24 2.05 -1.28	25.30 1.92 -2.92	25.81 2.19 -2.54	28.11 2.52 -3.66	30.13 2.93 -2.16	32.90 3.40 -0.48	32.78 3.37 -0.33	39.41 2.99 -10.86	31.39 2.67 -5.67	28.27 2.52 -4.22	22.36 2.23 -0.02	21.12 1.88 0.00
WDELAWARE__HYD 323627	18.27 0.50 0.00	16.97 0.45 0.00	15.03 0.37 0.00	14.83 0.39 0.00	14.81 0.39 0.00	16.50 0.40 0.00	24.19 0.70 0.00	26.40 1.02 0.00	24.90 0.96 0.00	22.48 0.89 0.00	21.65 0.71 0.00	21.11 0.69 0.00	20.08 0.18 0.00	20.66 0.20 0.00	21.33 0.25 0.00	22.28 0.35 0.00	25.47 0.43 0.00	29.58 0.55 0.00	29.66 0.58 0.00	27.93 0.51 -1.86	25.95 0.97 -1.94	22.62 0.93 -0.17	20.81 0.70 0.00	19.81 0.58 0.00

WEST BABYLON___IC 23714	19.21 1.44 0.00	17.79 1.27 0.00	15.67 1.01 0.00	15.39 0.95 0.00	15.46 1.04 0.00	17.29 1.19 0.00	25.32 1.83 0.00	28.02 2.64 0.00	26.60 2.61 -0.05	24.00 2.40 0.00	24.88 1.88 -2.06	25.13 2.02 -2.70	23.14 1.95 -1.28	25.19 1.82 -2.92	25.70 2.09 -2.54	27.98 2.39 -3.66	29.93 2.73 -2.16	32.64 3.16 -0.45	32.52 3.14 -0.30	34.26 2.79 -5.91	31.23 2.51 -5.67	28.12 2.37 -4.22	22.22 2.09 -0.02	21.00 1.77 0.00
WEST CANADA___HYD 24049	17.84 0.07 0.00	16.59 0.07 0.00	14.70 0.04 0.00	14.48 0.04 0.00	14.47 0.04 0.00	16.16 0.06 0.00	23.58 0.09 0.00	25.48 0.10 0.00	24.04 0.10 0.00	21.68 0.09 0.00	21.00 0.06 0.00	20.47 0.06 0.00	19.96 0.06 0.00	20.52 0.06 0.00	21.14 0.06 0.00	22.02 0.09 0.00	25.09 0.05 0.00	29.11 0.09 0.00	29.13 0.06 0.00	25.61 0.05 0.00	23.10 0.05 0.00	21.57 0.04 0.00	20.13 0.02 0.00	19.25 0.02 0.00
WESTERN_NY_WIND 24143	18.55 0.78 0.00	17.28 0.76 0.00	15.42 0.76 0.00	15.24 0.81 0.00	15.11 0.69 0.00	16.89 0.79 0.00	24.14 0.66 0.00	25.28 -0.10 0.00	23.90 -0.05 0.00	21.68 0.09 0.00	20.96 0.02 0.00	20.49 0.08 0.00	20.00 0.10 0.00	20.38 -0.08 0.00	21.20 0.13 0.00	22.21 0.28 0.00	25.17 0.13 0.00	29.26 0.23 0.00	29.19 0.12 0.00	25.96 0.10 -0.30	23.54 0.18 -0.31	21.58 0.02 -0.03	19.97 -0.14 0.00	19.65 0.42 0.00
WESTOVER___LESR 323668	18.21 0.44 0.00	16.93 0.41 0.00	15.00 0.34 0.00	14.80 0.36 0.00	14.77 0.35 0.00	16.50 0.40 0.00	24.07 0.59 0.00	25.86 0.48 0.00	24.42 0.48 0.00	22.03 0.43 0.00	21.35 0.42 0.00	20.78 0.37 0.00	20.24 0.34 0.00	20.91 0.45 0.00	21.50 0.42 0.00	22.43 0.50 0.00	25.54 0.50 0.00	29.58 0.55 0.00	29.57 0.49 0.00	26.55 0.28 -0.71	24.09 0.30 -0.74	21.92 0.32 -0.06	20.35 0.24 0.00	19.56 0.33 0.00
WETHRSFD_WT_PWR 323626	18.34 0.57 0.00	17.03 0.51 0.00	15.17 0.51 0.00	14.98 0.55 0.00	14.91 0.49 0.00	16.63 0.53 0.00	23.95 0.47 0.00	25.23 -0.15 0.00	23.90 -0.05 0.00	21.66 0.06 0.00	20.96 0.02 0.00	20.49 0.08 0.00	20.02 0.12 0.00	20.42 -0.04 0.00	21.22 0.15 0.00	22.19 0.26 0.00	25.22 0.18 0.00	29.17 0.15 0.00	29.05 -0.03 0.00	25.67 -0.28 -0.39	23.27 -0.19 -0.40	21.39 -0.17 -0.04	19.81 -0.30 0.00	19.40 0.17 0.00
WHAVSTOR_138KV_BK127 55557	18.41 0.64 0.00	17.12 0.59 0.00	15.20 0.54 0.00	14.93 0.49 0.00	14.96 0.53 0.00	16.66 0.56 0.00	24.42 0.94 0.00	26.65 1.27 0.00	25.21 1.27 0.00	22.78 1.19 0.00	21.94 1.00 0.00	21.41 1.00 0.00	20.90 1.00 0.00	21.40 0.94 0.00	22.09 1.01 0.00	23.16 1.23 0.00	26.44 1.40 0.00	30.68 1.65 0.00	30.70 1.63 0.00	29.02 1.41 -2.05	26.48 1.29 -2.13	22.92 1.21 -0.19	21.18 1.07 0.00	20.10 0.87 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	18.41 0.64 0.00	17.12 0.59 0.00	15.20 0.54 0.00	14.93 0.49 0.00	14.96 0.53 0.00	16.66 0.56 0.00	24.42 0.94 0.00	26.65 1.27 0.00	25.21 1.27 0.00	22.78 1.19 0.00	21.94 1.00 0.00	21.41 1.00 0.00	20.90 1.00 0.00	21.40 0.94 0.00	22.09 1.01 0.00	23.16 1.23 0.00	26.44 1.40 0.00	30.68 1.65 0.00	30.70 1.63 0.00	29.02 1.41 -2.05	26.48 1.29 -2.13	22.92 1.21 -0.19	21.18 1.07 0.00	20.10 0.87 0.00
WHITEHAL_115KV_TB1 80871	19.24 1.47 0.00	17.86 1.34 0.00	15.82 1.16 0.00	15.58 1.14 0.00	15.61 1.18 0.00	17.52 1.42 0.00	25.79 2.30 0.00	27.99 2.61 0.00	26.29 2.35 0.00	23.67 2.07 0.00	22.73 1.80 0.00	22.21 1.80 0.00	21.65 1.75 0.00	22.16 1.70 0.00	22.95 1.88 0.00	24.36 2.43 0.00	27.72 2.68 0.00	32.02 2.99 0.00	32.01 2.94 0.00	30.88 2.53 -2.79	28.44 2.49 -2.90	24.00 2.22 -0.25	21.98 1.87 0.00	20.86 1.63 0.00
WHITEPLN_13_KV_LOAD 356215	18.60 0.84 0.00	17.33 0.81 0.00	15.38 0.72 0.00	15.08 0.65 0.00	15.13 0.71 0.00	16.86 0.76 0.00	24.75 1.27 0.00	26.95 1.57 0.00	25.52 1.58 0.00	23.04 1.45 0.00	22.23 1.30 0.00	21.66 1.25 0.00	21.14 1.23 0.00	21.70 1.25 0.00	22.32 1.24 0.00	23.42 1.49 0.00	26.77 1.73 0.00	31.06 2.03 0.00	31.08 2.01 0.00	29.44 1.74 -2.14	26.82 1.54 -2.23	23.19 1.46 -0.19	21.46 1.35 0.00	20.33 1.10 0.00
WM_FLOYD_69_KV_BK2 356380	19.26 1.49 0.00	17.84 1.32 0.00	15.70 1.04 0.00	15.42 0.98 0.00	15.49 1.07 0.00	17.34 1.24 0.00	25.36 1.88 0.00	28.20 2.82 0.00	26.75 2.75 -0.05	24.12 2.53 0.00	24.88 1.88 -2.06	25.21 2.10 -2.70	23.18 1.99 -1.28	25.21 1.84 -2.92	25.77 2.15 -2.54	28.06 2.48 -3.66	30.08 2.88 -2.16	32.91 3.37 -0.52	32.76 3.31 -0.37	46.30 3.02 -17.72	31.39 2.67 -5.67	28.25 2.50 -4.22	22.32 2.19 -0.02	21.06 1.83 0.00
WOODARD__115KV_TB2 355635	17.82 0.05 0.00	16.57 0.05 0.00	14.66 0.00 0.00	14.46 0.03 0.00	14.44 0.01 0.00	16.15 0.05 0.00	23.56 0.07 0.00	25.25 -0.13 0.00	23.85 -0.10 0.00	21.49 -0.11 0.00	20.85 -0.08 0.00	20.29 -0.12 0.00	19.78 -0.12 0.00	20.44 -0.02 0.00	20.99 -0.08 0.00	21.84 -0.09 0.00	25.02 -0.03 0.00	28.94 -0.09 0.00	28.96 -0.12 0.00	25.67 -0.13 -0.24	23.23 -0.07 -0.25	21.44 -0.11 -0.02	20.01 -0.10 0.00	19.23 0.00 0.00
YORK___WARBASSE 23770	18.61 0.84 -0.01	17.31 0.78 -0.01	15.37 0.70 -0.01	15.09 0.65 -0.01	15.11 0.68 -0.01	16.76 0.66 0.00	24.64 1.15 0.00	27.00 1.62 0.00	25.63 1.68 -0.01	23.18 1.58 -0.01	22.26 1.32 -0.01	21.77 1.35 -0.01	21.25 1.33 -0.01	21.76 1.29 -0.01	22.45 1.37 -0.01	23.54 1.60 -0.01	30.78 1.90 -3.83	31.21 2.18 -0.01	31.21 2.12 -0.01	29.56 1.84 -2.16	26.93 1.64 -2.24	23.26 1.53 -0.20	21.48 1.37 -0.01	20.33 1.10 -0.01