

Day Ahead Market Generator LBMP

Generator Data		--- LBMP \$															--- Marginal Cost of Losses										--- Marginal Cost of Congestion										09/17/2023		
Name	PTID	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														
59TH STREET_GT_1 24138	EDT	18.93	17.25	16.28	15.16	15.42	16.08	17.63	16.90	17.10	17.58	17.40	17.57	18.62	19.69	21.21	21.69	26.63	32.41	32.15	33.64	28.66	23.96	22.31	21.04														
		1.02	0.84	0.82	0.76	0.78	0.82	0.86	0.85	0.96	1.09	1.12	1.18	1.22	1.34	1.44	1.40	1.84	2.04	1.91	1.99	1.57	1.40	1.20	1.02														
		0.00	0.00	0.00	-0.01	0.00	0.00	-0.77	-0.84	-0.87	-0.23	0.00	0.00	0.00	0.00	0.00	0.00	-0.85	0.00	-0.48	0.00	0.00	0.00	0.00	0.00														
74TH STREET_GT_1 24260	EDT	18.95	17.26	16.29	15.17	15.42	16.09	17.66	16.91	17.10	17.58	17.40	17.59	18.63	19.71	21.25	21.73	26.66	32.41	32.20	33.70	28.71	24.01	22.34	21.06														
		1.04	0.85	0.83	0.78	0.78	0.84	0.90	0.87	0.96	1.09	1.12	1.20	1.24	1.36	1.48	1.44	1.87	2.04	1.96	2.06	1.63	1.44	1.22	1.04														
		0.00	0.00	0.00	0.00	0.00	0.00	-0.77	-0.84	-0.87	-0.23	0.00	0.00	0.00	0.00	0.00	0.00	-0.85	0.00	-0.48	0.00	0.00	0.00	0.00	0.00														
74TH STREET_GT_2 24261	EDT	18.95	17.26	16.29	15.17	15.42	16.09	17.66	16.91	17.10	17.58	17.40	17.59	18.63	19.71	21.25	21.73	26.66	32.41	32.20	33.70	28.71	24.01	22.34	21.06														
		1.04	0.85	0.83	0.78	0.78	0.84	0.90	0.87	0.96	1.09	1.12	1.20	1.24	1.36	1.48	1.44	1.87	2.04	1.96	2.06	1.63	1.44	1.22	1.04														
		0.00	0.00	0.00	0.00	0.00	0.00	-0.77	-0.84	-0.87	-0.23	0.00	0.00	0.00	0.00	0.00	0.00	-0.85	0.00	-0.48	0.00	0.00	0.00	0.00	0.00														
ADK HUDSON___FALLS 24011	EDT	19.13	17.49	16.51	15.39	15.62	16.29	18.08	17.38	17.44	17.62	17.15	17.28	18.27	19.35	20.98	21.61	26.75	32.65	32.72	34.31	29.23	24.28	22.63	21.34														
		1.22	1.08	1.05	0.99	0.98	1.04	1.07	1.06	1.02	1.06	0.88	0.89	0.87	0.99	1.21	1.32	1.68	2.28	2.32	2.66	2.14	1.71	1.52	1.32														
		0.00	0.00	0.00	0.00	0.00	0.00	-1.01	-1.11	-1.16	-0.30	0.00	0.00	0.00	0.00	0.00	0.00	-1.14	0.00	-0.64	0.00	0.00	0.00	0.00	0.00														
ADK RESOURCE___RCVRY 23798	EDT	19.22	17.58	16.59	15.47	15.70	16.37	18.21	17.47	17.52	17.72	17.24	17.34	18.34	19.44	21.07	21.69	26.89	32.89	32.93	34.56	29.53	24.44	22.78	21.44														
		1.31	1.17	1.13	1.07	1.05	1.11	1.20	1.15	1.10	1.15	0.96	0.95	0.94	1.08	1.30	1.40	1.82	2.52	2.53	2.91	2.44	1.87	1.67	1.42														
		0.00	0.00	0.00	-0.01	0.00	0.00	-1.01	-1.12	-1.16	-0.30	0.00	0.00	0.00	0.00	0.00	0.00	-1.14	0.00	-0.64	0.00	0.00	0.00	0.00	0.00														
ADK S GLENS___FALLS 24028	EDT	19.13	17.49	16.51	15.39	15.62	16.29	18.08	17.38	17.44	17.62	17.15	17.28	18.27	19.35	20.98	21.61	26.75	32.65	32.72	34.31	29.23	24.28	22.63	21.34														
		1.22	1.08	1.05	0.99	0.98	1.04	1.07	1.06	1.02	1.06	0.88	0.89	0.87	0.99	1.21	1.32	1.68	2.28	2.32	2.66	2.14	1.71	1.52	1.32														
		0.00	0.00	0.00	0.00	0.00	0.00	-1.01	-1.11	-1.16	-0.30	0.00	0.00	0.00	0.00	0.00	0.00	-1.14	0.00	-0.64	0.00	0.00	0.00	0.00	0.00														
ADK_NYS___DAM 23527	EDT	18.81	17.17	16.22	15.13	15.35	16.00	17.78	17.09	17.15	17.35	16.96	17.11	18.10	19.13	20.62	21.28	26.34	32.17	32.13	33.42	28.47	23.65	22.06	20.84														
		0.90	0.76	0.76	0.73	0.70	0.75	0.80	0.81	0.76	0.80	0.68	0.72	0.70	0.77	0.85	0.99	1.32	1.79	1.76	1.77	1.38	1.08	0.95	0.82														
		0.00	0.00	0.00	-0.01	0.00	0.00	-0.98	-1.08	-1.12	-0.29	0.00	0.00	0.00	0.00	0.00	0.00	-1.09	0.00	-0.61	0.00	0.00	0.00	0.00	0.00														
AIR_PRODUCTS___DRP 24190	EDT	18.18	16.69	15.75	14.70	14.92	15.56	17.28	16.58	16.67	16.85	16.52	16.65	17.64	18.69	20.09	20.65	25.51	31.01	31.00	32.34	27.52	22.90	21.34	20.16														
		0.27	0.28	0.29	0.30	0.28	0.31	0.29	0.29	0.27	0.29	0.24	0.26	0.24	0.33	0.32	0.37	0.48	0.64	0.63	0.70	0.43	0.34	0.23	0.14														
		0.00	0.00	0.00	0.00	0.00	0.00	-0.99	-1.09	-1.13	-0.29	0.00	0.00	0.00	0.00	0.00	0.00	-1.10	0.00	-0.61	0.00	0.00	0.00	0.00	0.00														
AKWESSNE_115KV_BK 355683	EDT	17.54	16.07	15.13	14.08	14.32	14.95	15.71	14.94	15.02	16.02	16.03	16.16	17.16	18.08	19.51	20.02	23.50	29.86	29.29	31.17	26.60	22.14	20.84	19.68														
		-0.38	-0.34	-0.32	-0.32	-0.32	-0.31	-0.29	-0.26	-0.24	-0.24	-0.24	-0.23	-0.24	-0.28	-0.26	-0.26	-0.43	-0.52	-0.48	-0.47	-0.49	-0.43	-0.27	-0.34														
		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 23571	EDT	18.18	16.69	15.75	14.70	14.92	15.56	17.28	16.58	16.67	16.85	16.52	16.65	17.64	18.69	20.09	20.65	25.51	31.01	31.00	32.34	27.52	22.90	21.34	20.16														
		0.27	0.28	0.29	0.30	0.28	0.31	0.29	0.29	0.27	0.29	0.24	0.26	0.24	0.33	0.32	0.37	0.48	0.64	0.63	0.70	0.43	0.34	0.23	0.14														
		0.00	0.00	0.00	0.00	0.00	0.00	-0.99	-1.09	-1.13	-0.29	0.00	0.00	0.00	0.00	0.00	0.00	-1.10	0.00	-0.61	0.00	0.00	0.00	0.00	0.00														
ALBANY___2 23572	EDT	18.18	16.69	15.75	14.70	14.92	15.56	17.28	16.58	16.67	16.85	16.52	16.65	17.64	18.69	20.09	20.65	25.51	31.01	31.00	32.34	27.52	22.90	21.34	20.16														
		0.27	0.28	0.29	0.30	0.28	0.31	0.29	0.29	0.27	0.29	0.24	0.26	0.24	0.33	0.32	0.37	0.48	0.64	0.63	0.70	0.43	0.34	0.23	0.14														
		0.00	0.00	0.00	0.00	0.00	0.00	-0.99	-1.09	-1.13	-0.29	0.00	0.00	0.00	0.00	0.00	0.00	-1.10	0.00	-0.61	0.00	0.00	0.00	0.00	0.00														
ALBANY___3 23573	EDT	18.18	16.69	15.75	14.70	14.92	15.56	17.28	16.58	16.67	16.85	16.52	16.65	17.64	18.69	20.09	20.65	25.51	31.01	31.00	32.34	27.52	22.90	21.34	20.16														
		0.27	0.28	0.29	0.30	0.28	0.31	0.29	0.29	0.27	0.29	0.24	0.26	0.24	0.33	0.32	0.37	0.48	0.64	0.63	0.70	0.43	0.34	0.23	0.14														
		0.00	0.00	0.00	0.00	0.00	0.00	-0.99	-1.09	-1.13	-0.29	0.00	0.00	0.00	0.00	0.00	0.00	-1.10	0.00	-0.61	0.00	0.00	0.00	0.00	0.00														

ALBANY___4 23574	18.18 0.27 0.00	16.69 0.28 0.00	15.75 0.29 0.00	14.70 0.30 0.00	14.92 0.28 0.00	15.56 0.31 0.00	17.28 0.29 -0.99	16.58 0.29 -1.09	16.67 0.27 -1.13	16.85 0.29 -0.29	16.52 0.24 0.00	16.65 0.26 0.00	17.64 0.24 0.00	18.69 0.33 0.00	20.09 0.32 0.00	20.65 0.37 0.00	25.51 0.48 -1.10	31.01 0.64 0.00	31.00 0.63 -0.61	32.34 0.70 0.00	27.52 0.43 0.00	22.90 0.34 0.00	21.34 0.23 0.00	20.16 0.14 0.00
ALBANY___LFGE 323615	18.34 0.43 0.00	16.82 0.41 0.00	15.89 0.43 0.00	14.82 0.42 -0.01	15.05 0.41 0.00	15.68 0.43 0.00	17.43 0.43 -1.00	16.72 0.43 -1.10	16.80 0.40 -1.14	16.98 0.42 -0.29	16.65 0.37 0.00	16.78 0.39 0.00	17.80 0.40 0.00	18.85 0.50 0.00	20.28 0.51 0.00	20.85 0.57 0.00	25.76 0.72 -1.11	31.35 0.97 0.00	31.33 0.95 -0.62	32.69 1.04 0.00	27.85 0.76 0.00	23.13 0.56 0.00	21.56 0.44 0.00	20.34 0.32 0.00
ALCOA_PA_115KV_PL-6C 55860	17.54 -0.38 0.00	16.08 -0.33 0.00	15.13 -0.32 0.00	14.08 -0.32 0.00	14.32 -0.32 0.00	14.95 -0.31 0.00	15.73 -0.27 0.00	14.96 -0.24 0.00	15.04 -0.23 0.00	16.04 -0.23 0.00	16.06 -0.21 0.00	16.19 -0.20 0.00	17.19 -0.21 0.00	18.12 -0.24 0.00	19.55 -0.22 0.00	20.06 -0.22 0.00	23.55 -0.38 0.00	29.89 -0.49 0.00	29.35 -0.42 0.00	31.27 -0.38 0.00	26.68 -0.41 0.00	22.20 -0.36 0.00	20.90 -0.21 0.00	19.70 -0.32 0.00
ALCOA_RYNLDS___DRP 24188	17.54 -0.38 0.00	16.08 -0.33 0.00	15.13 -0.32 0.00	14.08 -0.32 0.00	14.32 -0.32 0.00	14.95 -0.31 0.00	15.73 -0.27 0.00	14.96 -0.24 0.00	15.04 -0.23 0.00	16.04 -0.23 0.00	16.06 -0.21 0.00	16.19 -0.20 0.00	17.19 -0.21 0.00	18.12 -0.24 0.00	19.55 -0.22 0.00	20.06 -0.22 0.00	23.55 -0.38 0.00	29.89 -0.49 0.00	29.35 -0.42 0.00	31.27 -0.38 0.00	26.68 -0.41 0.00	22.20 -0.36 0.00	20.90 -0.21 0.00	19.70 -0.32 0.00
ALCOA___DSASP 323711	17.53 -0.38 0.00	16.08 -0.33 0.00	15.13 -0.33 0.00	14.08 -0.32 0.00	14.32 -0.32 0.00	14.95 -0.30 0.00	15.73 -0.27 0.00	14.96 -0.24 0.00	15.04 -0.23 0.00	16.04 -0.23 0.00	16.06 -0.21 0.00	16.19 -0.20 0.00	17.16 -0.24 0.00	18.12 -0.24 0.00	19.55 -0.22 0.00	20.06 -0.22 0.00	23.55 -0.38 0.00	29.92 -0.45 0.00	29.35 -0.42 0.00	31.27 -0.38 0.00	26.68 -0.41 0.00	22.20 -0.36 0.00	20.90 -0.21 0.00	19.70 -0.32 0.00
ALLEGHENY___COGEN 23514	18.90 0.98 0.00	17.34 0.93 0.00	16.26 0.80 0.00	15.14 0.75 0.00	15.43 0.79 0.00	16.00 0.75 0.00	16.71 0.66 -0.06	15.86 0.59 -0.06	15.80 0.47 -0.07	16.66 0.37 -0.02	16.73 0.46 0.00	16.74 0.34 0.00	17.89 0.49 0.00	18.78 0.42 0.00	20.16 0.40 0.00	20.81 0.53 0.00	24.74 0.67 -0.14	31.56 1.18 0.00	31.03 1.19 -0.08	32.91 1.27 0.00	28.74 1.65 0.00	23.83 1.26 0.00	22.08 0.97 0.00	21.20 1.18 0.00
ALTAMONT_115KV_TB 2 55880	18.45 0.54 0.00	16.90 0.49 0.00	15.95 0.49 0.00	14.87 0.48 0.00	15.10 0.45 0.00	15.74 0.49 0.00	17.49 0.50 -0.99	16.77 0.47 -1.09	16.87 0.47 -1.13	17.06 0.50 -0.29	16.73 0.46 0.00	16.87 0.48 0.00	17.87 0.47 0.00	18.92 0.57 0.00	20.36 0.59 0.00	20.96 0.67 0.00	25.84 0.81 -1.10	31.41 1.03 0.00	31.39 1.01 -0.61	32.75 1.11 0.00	27.90 0.81 0.00	23.24 0.68 0.00	21.66 0.55 0.00	20.48 0.46 0.00
ALTONA_WT_PWR 323606	17.61 -0.30 0.00	16.13 -0.28 0.00	15.20 -0.26 0.00	14.12 -0.27 0.00	14.41 -0.23 0.00	15.13 -0.12 0.00	15.97 -0.03 0.00	15.20 0.00 0.00	15.34 0.08 0.00	16.44 0.18 0.00	16.50 0.23 0.00	16.67 0.28 0.00	17.63 0.23 0.00	18.65 0.29 0.00	20.16 0.40 0.00	20.73 0.45 0.00	24.34 0.41 0.00	30.95 0.58 0.00	30.36 0.60 0.00	32.38 0.73 0.00	27.52 0.43 0.00	22.86 0.29 0.00	21.47 0.36 0.00	20.16 0.14 0.00
AMERICAN_REF_FUEL 24010	17.88 -0.04 0.00	16.46 0.05 0.00	15.47 0.02 0.00	14.45 0.06 0.00	14.69 0.04 0.00	15.27 0.02 0.00	15.78 -0.27 -0.05	14.83 -0.43 -0.06	14.79 -0.53 -0.06	15.68 -0.60 -0.01	15.82 -0.46 0.00	15.80 -0.59 0.00	16.89 -0.51 0.00	17.71 -0.64 0.00	18.92 -0.85 0.00	19.50 -0.79 0.00	22.86 -1.20 -0.12	28.89 -1.49 0.00	28.19 -1.64 -0.07	29.84 -1.80 0.00	26.11 -0.97 0.00	21.86 -0.70 0.00	20.31 -0.80 0.00	19.88 -0.14 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	18.63 0.72 0.00	17.12 0.71 0.00	16.11 0.65 0.00	15.04 0.65 0.00	15.29 0.64 0.00	15.77 0.52 0.00	16.33 0.27 -0.06	15.42 0.15 -0.06	15.42 0.09 -0.07	16.46 0.18 -0.02	16.63 0.36 0.00	16.60 0.21 0.00	17.75 0.35 0.00	18.65 0.29 0.00	19.85 0.08 0.00	20.47 0.18 0.00	23.86 -0.22 -0.14	30.47 0.09 0.00	29.54 -0.30 -0.08	31.36 -0.29 0.00	27.55 0.46 0.00	22.99 0.43 0.00	21.28 0.17 0.00	20.68 0.66 0.00
ARTHUR_KILL_GT_1 23520	18.66 0.75 0.01	16.96 0.56 0.01	16.01 0.56 0.01	14.91 0.52 0.00	15.18 0.54 0.01	15.83 0.58 0.01	17.38 0.62 -0.76	16.69 0.65 -0.84	16.89 0.76 -0.87	17.39 0.91 -0.22	17.23 0.96 0.01	17.42 1.03 0.01	18.49 1.10 0.01	19.58 1.23 0.01	21.11 1.34 0.01	21.54 1.26 0.01	26.53 1.75 -0.85	32.18 1.82 0.02	31.95 1.73 -0.46	33.43 1.80 0.02	28.43 1.35 0.01	23.77 1.22 0.01	22.10 0.99 0.01	20.79 0.78 0.01
ARTHUR_KILL_2 23512	18.60 0.70 0.01	16.93 0.52 0.01	15.98 0.53 0.01	14.88 0.49 0.00	15.15 0.51 0.01	15.80 0.55 0.01	17.35 0.59 -0.76	16.65 0.61 -0.84	16.86 0.73 -0.87	17.34 0.86 -0.22	17.18 0.91 0.01	17.38 1.00 0.01	18.44 1.04 0.01	19.54 1.19 0.01	21.05 1.28 0.01	21.48 1.20 0.01	26.46 1.67 -0.85	32.09 1.73 0.02	31.86 1.64 -0.46	33.34 1.71 0.02	28.35 1.27 0.01	23.71 1.15 0.01	22.03 0.93 0.01	20.75 0.74 0.01
ARTHUR_KILL_3 23513	18.75 0.84 0.00	17.08 0.67 0.00	16.15 0.70 0.00	15.05 0.65 -0.01	15.30 0.66 0.00	15.96 0.70 0.00	17.50 0.74 -0.77	16.76 0.71 -0.84	16.95 0.81 -0.87	17.42 0.93 -0.23	17.22 0.94 0.00	17.39 1.00 0.00	18.43 1.03 0.00	19.51 1.16 0.00	21.02 1.25 0.00	21.48 1.20 0.00	26.39 1.60 -0.85	32.01 1.64 0.01	31.78 1.55 -0.47	33.25 1.61 0.01	28.42 1.33 0.00	23.76 1.20 0.00	22.10 0.99 0.00	20.84 0.82 0.00
ARTHUR_KILL_COGEN 323718	18.66 0.75 0.01	16.96 0.56 0.01	16.01 0.56 0.01	14.91 0.52 0.00	15.18 0.54 0.01	15.83 0.58 0.01	17.38 0.62 -0.76	16.69 0.65 -0.84	16.89 0.76 -0.87	17.39 0.91 -0.22	17.23 0.96 0.01	17.42 1.03 0.01	18.49 1.10 0.01	19.58 1.23 0.01	21.11 1.34 0.01	21.54 1.26 0.01	26.53 1.75 -0.85	32.18 1.82 0.02	31.95 1.73 -0.46	33.43 1.80 0.02	28.43 1.35 0.01	23.77 1.22 0.01	22.10 0.99 0.01	20.79 0.78 0.01
ASHOKAN____ 23654	18.61 0.70 0.00	17.03 0.62 0.00	16.01 0.56 0.00	14.93 0.53 -0.01	15.17 0.53 0.00	15.76 0.50 0.00	17.03 0.16 -0.87	16.28 0.12 -0.96	16.38 0.12 -0.99	16.82 0.29 -0.26	16.49 0.21 0.00	16.59 0.20 0.00	17.64 0.24 0.00	18.76 0.40 0.00	20.14 0.37 0.00	20.84 0.55 0.00	25.38 0.48 -0.97	31.53 1.15 0.00	31.11 0.80 -0.54	32.63 0.98 0.00	28.12 1.03 0.00	23.35 0.79 0.00	21.68 0.57 0.00	20.50 0.48 0.00

ASTORIA_EAST_ENERGY_CC1 323581	18.75 0.84 0.01	17.12 0.71 0.00	16.11 0.66 0.01	14.99 0.59 -0.01	15.25 0.61 0.01	15.92 0.67 0.01	17.46 0.70 -0.76	16.77 0.73 -0.84	16.95 0.82 -0.87	17.44 0.96 -0.22	17.24 0.98 0.01	17.43 1.05 0.01	18.47 1.08 0.01	19.56 1.21 0.01	21.09 1.32 0.01	21.54 1.26 0.01	26.46 1.67 -0.85	32.13 1.76 0.01	31.90 1.67 -0.47	33.35 1.71 0.01	28.41 1.33 0.01	23.75 1.20 0.01	22.12 1.01 0.01	20.81 0.80 0.01
ASTORIA_EAST_ENERGY_CC2 323582	18.75 0.84 0.01	17.12 0.71 0.00	16.11 0.66 0.01	14.99 0.59 -0.01	15.25 0.61 0.01	15.92 0.67 0.01	17.46 0.70 -0.76	16.77 0.73 -0.84	16.95 0.82 -0.87	17.44 0.96 -0.22	17.24 0.98 0.01	17.43 1.05 0.01	18.47 1.08 0.01	19.56 1.21 0.01	21.09 1.32 0.01	21.54 1.26 0.01	26.46 1.67 -0.85	32.13 1.76 0.01	31.90 1.67 -0.47	33.35 1.71 0.01	28.41 1.33 0.01	23.75 1.20 0.01	22.12 1.01 0.01	20.81 0.80 0.01
ASTORIA_GT2_1 24094	18.77 0.86 0.00	17.12 0.71 0.00	16.12 0.66 0.00	15.01 0.62 0.00	15.26 0.62 0.00	15.94 0.69 0.00	17.52 0.75 -0.77	16.79 0.74 -0.84	16.98 0.84 -0.87	17.45 0.96 -0.23	17.25 0.98 0.00	17.44 1.05 0.00	18.50 1.10 0.00	19.57 1.21 0.00	21.09 1.32 0.00	21.57 1.28 0.00	26.46 1.68 -0.85	32.11 1.73 0.00	31.91 1.67 -0.48	33.36 1.71 0.00	28.44 1.35 0.00	23.78 1.22 0.00	22.12 1.01 0.00	20.82 0.80 0.00
ASTORIA_GT2_2 24095	18.77 0.86 0.00	17.12 0.71 0.00	16.12 0.66 0.00	15.01 0.62 0.00	15.26 0.62 0.00	15.94 0.69 0.00	17.52 0.75 -0.77	16.79 0.74 -0.84	16.98 0.84 -0.87	17.45 0.96 -0.23	17.25 0.98 0.00	17.44 1.05 0.00	18.50 1.10 0.00	19.57 1.21 0.00	21.09 1.32 0.00	21.57 1.28 0.00	26.46 1.68 -0.85	32.11 1.73 0.00	31.91 1.67 -0.48	33.36 1.71 0.00	28.44 1.35 0.00	23.78 1.22 0.00	22.12 1.01 0.00	20.82 0.80 0.00
ASTORIA_GT2_3 24096	18.77 0.86 0.00	17.12 0.71 0.00	16.12 0.66 0.00	15.01 0.62 0.00	15.26 0.62 0.00	15.94 0.69 0.00	17.52 0.75 -0.77	16.79 0.74 -0.84	16.98 0.84 -0.87	17.45 0.96 -0.23	17.25 0.98 0.00	17.44 1.05 0.00	18.50 1.10 0.00	19.57 1.21 0.00	21.09 1.32 0.00	21.57 1.28 0.00	26.46 1.68 -0.85	32.11 1.73 0.00	31.91 1.67 -0.48	33.36 1.71 0.00	28.44 1.35 0.00	23.78 1.22 0.00	22.12 1.01 0.00	20.82 0.80 0.00
ASTORIA_GT2_4 24097	18.77 0.86 0.00	17.12 0.71 0.00	16.12 0.66 0.00	15.01 0.62 0.00	15.26 0.62 0.00	15.94 0.69 0.00	17.52 0.75 -0.77	16.79 0.74 -0.84	16.98 0.84 -0.87	17.45 0.96 -0.23	17.25 0.98 0.00	17.44 1.05 0.00	18.50 1.10 0.00	19.57 1.21 0.00	21.09 1.32 0.00	21.57 1.28 0.00	26.46 1.68 -0.85	32.11 1.73 0.00	31.91 1.67 -0.48	33.36 1.71 0.00	28.44 1.35 0.00	23.78 1.22 0.00	22.12 1.01 0.00	20.82 0.80 0.00
ASTORIA_GT3_1 24098	18.77 0.86 0.00	17.12 0.71 0.00	16.12 0.66 0.00	15.01 0.62 0.00	15.26 0.62 0.00	15.94 0.69 0.00	17.52 0.75 -0.77	16.79 0.74 -0.84	16.98 0.84 -0.87	17.45 0.96 -0.23	17.25 0.98 0.00	17.44 1.05 0.00	18.50 1.10 0.00	19.57 1.21 0.00	21.09 1.32 0.00	21.57 1.28 0.00	26.46 1.68 -0.85	32.11 1.73 0.00	31.91 1.67 -0.48	33.36 1.71 0.00	28.44 1.35 0.00	23.78 1.22 0.00	22.12 1.01 0.00	20.82 0.80 0.00
ASTORIA_GT3_2 24099	18.77 0.86 0.00	17.12 0.71 0.00	16.12 0.66 0.00	15.01 0.62 0.00	15.26 0.62 0.00	15.94 0.69 0.00	17.52 0.75 -0.77	16.79 0.74 -0.84	16.98 0.84 -0.87	17.45 0.96 -0.23	17.25 0.98 0.00	17.44 1.05 0.00	18.50 1.10 0.00	19.57 1.21 0.00	21.09 1.32 0.00	21.57 1.28 0.00	26.46 1.68 -0.85	32.11 1.73 0.00	31.91 1.67 -0.48	33.36 1.71 0.00	28.44 1.35 0.00	23.78 1.22 0.00	22.12 1.01 0.00	20.82 0.80 0.00
ASTORIA_GT3_3 24100	18.77 0.86 0.00	17.12 0.71 0.00	16.12 0.66 0.00	15.01 0.62 0.00	15.26 0.62 0.00	15.94 0.69 0.00	17.52 0.75 -0.77	16.79 0.74 -0.84	16.98 0.84 -0.87	17.45 0.96 -0.23	17.25 0.98 0.00	17.44 1.05 0.00	18.50 1.10 0.00	19.57 1.21 0.00	21.09 1.32 0.00	21.57 1.28 0.00	26.46 1.68 -0.85	32.11 1.73 0.00	31.91 1.67 -0.48	33.36 1.71 0.00	28.44 1.35 0.00	23.78 1.22 0.00	22.12 1.01 0.00	20.82 0.80 0.00
ASTORIA_GT3_4 24101	18.77 0.86 0.00	17.12 0.71 0.00	16.12 0.66 0.00	15.01 0.62 0.00	15.26 0.62 0.00	15.94 0.69 0.00	17.52 0.75 -0.77	16.79 0.74 -0.84	16.98 0.84 -0.87	17.45 0.96 -0.23	17.25 0.98 0.00	17.44 1.05 0.00	18.50 1.10 0.00	19.57 1.21 0.00	21.09 1.32 0.00	21.57 1.28 0.00	26.46 1.68 -0.85	32.11 1.73 0.00	31.91 1.67 -0.48	33.36 1.71 0.00	28.44 1.35 0.00	23.78 1.22 0.00	22.12 1.01 0.00	20.82 0.80 0.00
ASTORIA_GT4_1 24102	18.77 0.86 0.00	17.12 0.71 0.00	16.12 0.66 0.00	15.01 0.62 0.00	15.26 0.62 0.00	15.94 0.69 0.00	17.52 0.75 -0.77	16.79 0.74 -0.84	16.98 0.84 -0.87	17.45 0.96 -0.23	17.25 0.98 0.00	17.44 1.05 0.00	18.50 1.10 0.00	19.57 1.21 0.00	21.09 1.32 0.00	21.57 1.28 0.00	26.46 1.68 -0.85	32.11 1.73 0.00	31.91 1.67 -0.48	33.36 1.71 0.00	28.44 1.35 0.00	23.78 1.22 0.00	22.12 1.01 0.00	20.82 0.80 0.00
ASTORIA_GT4_2 24103	18.77 0.86 0.00	17.12 0.71 0.00	16.12 0.66 0.00	15.01 0.62 0.00	15.26 0.62 0.00	15.94 0.69 0.00	17.52 0.75 -0.77	16.79 0.74 -0.84	16.98 0.84 -0.87	17.45 0.96 -0.23	17.25 0.98 0.00	17.44 1.05 0.00	18.50 1.10 0.00	19.57 1.21 0.00	21.09 1.32 0.00	21.57 1.28 0.00	26.46 1.68 -0.85	32.11 1.73 0.00	31.91 1.67 -0.48	33.36 1.71 0.00	28.44 1.35 0.00	23.78 1.22 0.00	22.12 1.01 0.00	20.82 0.80 0.00
ASTORIA_GT4_3 24104	18.77 0.86 0.00	17.12 0.71 0.00	16.12 0.66 0.00	15.01 0.62 0.00	15.26 0.62 0.00	15.94 0.69 0.00	17.52 0.75 -0.77	16.79 0.74 -0.84	16.98 0.84 -0.87	17.45 0.96 -0.23	17.25 0.98 0.00	17.44 1.05 0.00	18.50 1.10 0.00	19.57 1.21 0.00	21.09 1.32 0.00	21.57 1.28 0.00	26.46 1.68 -0.85	32.11 1.73 0.00	31.91 1.67 -0.48	33.36 1.71 0.00	28.44 1.35 0.00	23.78 1.22 0.00	22.12 1.01 0.00	20.82 0.80 0.00
ASTORIA_GT4_4 24105	18.77 0.86 0.00	17.12 0.71 0.00	16.12 0.66 0.00	15.01 0.62 0.00	15.26 0.62 0.00	15.94 0.69 0.00	17.52 0.75 -0.77	16.79 0.74 -0.84	16.98 0.84 -0.87	17.45 0.96 -0.23	17.25 0.98 0.00	17.44 1.05 0.00	18.50 1.10 0.00	19.57 1.21 0.00	21.09 1.32 0.00	21.57 1.28 0.00	26.46 1.68 -0.85	32.11 1.73 0.00	31.91 1.67 -0.48	33.36 1.71 0.00	28.44 1.35 0.00	23.78 1.22 0.00	22.12 1.01 0.00	20.82 0.80 0.00
ASTORIA_GT_1 23523	18.78 0.88 0.01	17.13 0.72 0.00	16.15 0.70 0.01	15.02 0.62 -0.01	15.28 0.64 0.01	15.95 0.70 0.01	17.49 0.74 -0.76	16.80 0.76 -0.84	16.99 0.85 -0.87	17.48 0.95 -0.22	17.28 1.01 0.01	17.46 1.08 0.01	18.52 1.13 0.01	19.61 1.27 0.01	21.12 1.36 0.01	21.58 1.30 0.01	26.51 1.72 -0.85	32.22 1.85 0.01	31.96 1.73 -0.47	33.44 1.80 0.01	28.49 1.41 0.01	23.82 1.26 0.01	22.16 1.06 0.01	20.85 0.84 0.01

ASTORIA_GT_10 24110	18.86 0.95 0.00	17.18 0.77 0.00	16.20 0.74 0.00	15.07 0.68 0.00	15.33 0.69 0.00	15.99 0.73 0.00	17.57 0.80 -0.77	16.82 0.78 -0.84	17.02 0.89 -0.87	17.50 1.01 -0.23	17.32 1.04 0.00	17.51 1.11 0.00	18.57 1.17 0.00	19.64 1.28 0.00	21.17 1.40 0.00	21.63 1.34 0.00	26.58 1.80 -0.85	32.26 1.88 0.00	32.06 1.82 -0.48	33.51 1.87 0.00	28.58 1.49 0.00	23.90 1.33 0.00	22.23 1.12 0.00	20.94 0.92 0.00
ASTORIA_GT_11 24225	18.86 0.95 0.00	17.18 0.77 0.00	16.20 0.74 0.00	15.07 0.68 0.00	15.33 0.69 0.00	15.99 0.73 0.00	17.57 0.80 -0.77	16.82 0.78 -0.84	17.02 0.89 -0.87	17.50 1.01 -0.23	17.32 1.04 0.00	17.51 1.11 0.00	18.57 1.17 0.00	19.64 1.28 0.00	21.17 1.40 0.00	21.63 1.34 0.00	26.58 1.80 -0.85	32.26 1.88 0.00	32.06 1.82 -0.48	33.51 1.87 0.00	28.58 1.49 0.00	23.90 1.33 0.00	22.23 1.12 0.00	20.94 0.92 0.00
ASTORIA_GT_12 24226	18.86 0.95 0.00	17.18 0.77 0.00	16.20 0.74 0.00	15.07 0.68 0.00	15.33 0.69 0.00	15.99 0.73 0.00	17.57 0.80 -0.77	16.82 0.78 -0.84	17.02 0.89 -0.87	17.50 1.01 -0.23	17.32 1.04 0.00	17.51 1.11 0.00	18.57 1.17 0.00	19.64 1.28 0.00	21.17 1.40 0.00	21.63 1.34 0.00	26.58 1.80 -0.85	32.26 1.88 0.00	32.06 1.82 -0.48	33.51 1.87 0.00	28.58 1.49 0.00	23.90 1.33 0.00	22.23 1.12 0.00	20.94 0.92 0.00
ASTORIA_GT_13 24227	18.86 0.95 0.00	17.18 0.77 0.00	16.20 0.74 0.00	15.07 0.68 0.00	15.33 0.69 0.00	15.99 0.73 0.00	17.57 0.80 -0.77	16.82 0.78 -0.84	17.02 0.89 -0.87	17.50 1.01 -0.23	17.32 1.04 0.00	17.51 1.11 0.00	18.57 1.17 0.00	19.64 1.28 0.00	21.17 1.40 0.00	21.63 1.34 0.00	26.58 1.80 -0.85	32.26 1.88 0.00	32.06 1.82 -0.48	33.51 1.87 0.00	28.58 1.49 0.00	23.90 1.33 0.00	22.23 1.12 0.00	20.94 0.92 0.00
ASTORIA_GT_5 24106	18.78 0.88 0.01	17.13 0.72 0.00	16.15 0.70 0.01	15.02 0.62 -0.01	15.28 0.64 0.01	15.95 0.70 0.01	17.49 0.74 -0.76	16.80 0.76 -0.84	16.99 0.85 -0.87	17.48 0.99 -0.22	17.28 1.01 0.01	17.46 1.08 0.01	18.52 1.13 0.01	19.61 1.27 0.01	21.12 1.36 0.01	21.58 1.30 0.01	26.51 1.72 -0.85	32.22 1.85 0.01	31.96 1.73 -0.47	33.44 1.80 0.01	28.49 1.41 0.01	23.82 1.26 0.01	22.16 1.06 0.01	20.85 0.84 0.01
ASTORIA_GT_7 24107	18.78 0.88 0.01	17.13 0.72 0.00	16.15 0.70 0.01	15.02 0.62 -0.01	15.28 0.64 0.01	15.95 0.70 0.01	17.49 0.74 -0.76	16.80 0.76 -0.84	16.99 0.85 -0.87	17.48 0.99 -0.22	17.28 1.01 0.01	17.46 1.08 0.01	18.52 1.13 0.01	19.61 1.27 0.01	21.12 1.36 0.01	21.58 1.30 0.01	26.51 1.72 -0.85	32.22 1.85 0.01	31.96 1.73 -0.47	33.44 1.80 0.01	28.49 1.41 0.01	23.82 1.26 0.01	22.16 1.06 0.01	20.85 0.84 0.01
ASTORIA_GT_8 24108	18.79 0.88 0.00	17.13 0.72 0.00	16.15 0.70 0.00	15.04 0.65 0.00	15.29 0.64 0.00	15.96 0.70 0.00	17.53 0.77 -0.77	16.81 0.76 -0.84	16.99 0.85 -0.87	17.48 0.99 -0.23	17.28 1.01 0.00	17.47 1.08 0.00	18.53 1.13 0.00	19.62 1.27 0.00	21.13 1.36 0.00	21.61 1.32 0.00	26.51 1.72 -0.85	32.17 1.79 0.00	31.97 1.73 -0.48	33.42 1.77 0.00	28.47 1.38 0.00	23.83 1.26 0.00	22.17 1.06 0.00	20.86 0.84 0.00
ASTORIA___2 24149	18.76 0.86 0.01	17.12 0.71 0.00	16.11 0.66 0.01	15.00 0.60 -0.01	15.25 0.61 0.01	15.93 0.69 0.01	17.46 0.70 -0.76	16.78 0.74 -0.84	16.97 0.84 -0.87	17.44 0.96 -0.22	17.24 0.98 0.01	17.43 1.05 0.01	18.49 1.10 0.01	19.58 1.23 0.01	21.09 1.32 0.01	21.54 1.26 0.01	26.46 1.67 -0.85	32.16 1.79 0.01	31.90 1.67 -0.47	33.38 1.74 0.01	28.43 1.35 0.01	23.77 1.22 0.01	22.12 1.01 0.01	20.81 0.80 0.01
ASTORIA___3 23516	18.86 0.95 0.00	17.18 0.77 0.00	16.20 0.74 0.00	15.06 0.66 -0.01	15.33 0.69 0.00	15.99 0.73 0.00	17.53 0.77 -0.77	16.82 0.77 -0.84	17.02 0.89 -0.87	17.50 1.01 -0.23	17.32 1.04 0.00	17.51 1.12 0.00	18.57 1.17 0.00	19.66 1.30 0.00	21.17 1.40 0.00	21.63 1.34 0.00	26.58 1.80 -0.85	32.32 1.95 0.00	32.06 1.82 -0.48	33.55 1.90 0.00	28.58 1.49 0.00	23.90 1.33 0.00	22.23 1.12 0.00	20.94 0.92 0.00
ASTORIA___4 23517	18.86 0.95 0.00	17.18 0.77 0.00	16.20 0.74 0.00	15.07 0.68 0.00	15.33 0.69 0.00	15.99 0.73 0.00	17.57 0.80 -0.77	16.82 0.78 -0.84	17.02 0.89 -0.87	17.50 1.01 -0.23	17.32 1.04 0.00	17.51 1.11 0.00	18.57 1.17 0.00	19.64 1.28 0.00	21.17 1.40 0.00	21.63 1.34 0.00	26.58 1.80 -0.85	32.26 1.88 0.00	32.06 1.82 -0.48	33.51 1.87 0.00	28.58 1.49 0.00	23.90 1.33 0.00	22.23 1.12 0.00	20.94 0.92 0.00
ASTORIA___5 23518	18.86 0.95 0.00	17.18 0.77 0.00	16.20 0.74 0.00	15.06 0.66 -0.01	15.33 0.69 0.00	15.99 0.73 0.00	17.53 0.77 -0.77	16.82 0.77 -0.84	17.02 0.89 -0.87	17.50 1.01 -0.23	17.32 1.04 0.00	17.51 1.12 0.00	18.57 1.17 0.00	19.64 1.28 0.00	21.17 1.40 0.00	21.63 1.34 0.00	26.58 1.80 -0.85	32.32 1.95 0.00	32.06 1.82 -0.48	33.55 1.90 0.00	28.58 1.49 0.00	23.90 1.33 0.00	22.23 1.12 0.00	20.94 0.92 0.00
AST_ENERGY_2_CC3 323677	18.81 0.90 0.00	17.13 0.72 0.00	16.18 0.73 0.00	15.06 0.66 -0.01	15.32 0.67 0.00	15.99 0.73 0.00	17.52 0.75 -0.77	16.79 0.74 -0.84	16.98 0.84 -0.87	17.45 0.96 -0.23	17.27 0.99 0.00	17.44 1.05 0.00	18.48 1.08 0.00	19.55 1.19 0.00	21.07 1.30 0.00	21.55 1.26 0.00	26.44 1.65 -0.85	32.17 1.79 0.00	31.91 1.67 -0.48	33.39 1.74 0.00	28.47 1.38 0.00	23.80 1.24 0.00	22.17 1.06 0.00	20.90 0.88 0.00
AST_ENERGY_2_CC4 323678	18.81 0.90 0.00	17.13 0.72 0.00	16.18 0.73 0.00	15.06 0.66 -0.01	15.32 0.67 0.00	15.99 0.73 0.00	17.52 0.75 -0.77	16.79 0.74 -0.84	16.98 0.84 -0.87	17.45 0.96 -0.23	17.27 0.99 0.00	17.44 1.05 0.00	18.48 1.08 0.00	19.55 1.19 0.00	21.07 1.30 0.00	21.55 1.26 0.00	26.44 1.65 -0.85	32.17 1.79 0.00	31.91 1.67 -0.48	33.39 1.74 0.00	28.47 1.38 0.00	23.80 1.24 0.00	22.17 1.06 0.00	20.90 0.88 0.00
ATHENS_STG_1 23668	18.56 0.64 0.00	16.98 0.57 0.00	16.03 0.57 0.00	14.93 0.53 -0.01	15.17 0.53 0.00	15.82 0.56 0.00	17.50 0.59 -0.91	16.75 0.55 -1.00	16.88 0.58 -1.04	17.15 0.62 -0.27	16.88 0.60 0.00	17.01 0.62 0.00	18.02 0.63 0.00	19.07 0.72 0.00	20.54 0.77 0.00	21.08 0.79 0.00	25.90 1.01 -0.96	31.59 1.22 0.00	31.46 1.16 -0.54	32.88 1.23 0.00	28.06 0.97 0.00	23.38 0.81 0.00	21.77 0.66 0.00	20.58 0.56 0.00
ATHENS_STG_2 23670	18.56 0.64 0.00	16.98 0.57 0.00	16.03 0.57 0.00	14.93 0.53 -0.01	15.17 0.53 0.00	15.82 0.56 0.00	17.50 0.59 -0.91	16.75 0.55 -1.00	16.88 0.58 -1.04	17.15 0.62 -0.27	16.88 0.60 0.00	17.01 0.62 0.00	18.02 0.63 0.00	19.07 0.72 0.00	20.54 0.77 0.00	21.08 0.79 0.00	25.90 1.01 -0.96	31.59 1.22 0.00	31.46 1.16 -0.54	32.88 1.23 0.00	28.06 0.97 0.00	23.38 0.81 0.00	21.77 0.66 0.00	20.58 0.56 0.00

ATHENS_STG_3 23677	18.56 0.64 0.00	16.98 0.57 0.00	16.03 0.57 0.00	14.93 0.53 -0.01	15.17 0.53 0.00	15.82 0.56 0.00	17.50 0.59 -0.91	16.75 0.55 -1.00	16.88 0.58 -1.04	17.15 0.62 -0.27	16.88 0.60 0.00	17.01 0.62 0.00	18.02 0.63 0.00	19.07 0.72 0.00	20.54 0.77 0.00	21.08 0.79 0.00	25.90 1.01 -0.96	31.59 1.22 0.00	31.46 1.16 -0.54	32.88 1.23 0.00	28.06 0.97 0.00	23.38 0.81 0.00	21.77 0.66 0.00	20.58 0.56 0.00
AUBURN____LFGE 323710	18.11 0.20 0.00	16.62 0.21 0.00	15.64 0.19 0.00	14.55 0.16 0.00	14.83 0.19 0.00	15.42 0.17 0.00	16.20 0.16 -0.04	15.42 0.17 -0.05	15.45 0.14 -0.05	16.41 0.13 -0.01	16.42 0.15 0.00	16.51 0.11 0.00	17.56 0.16 0.00	18.50 0.15 0.00	19.89 0.12 0.00	20.43 0.14 0.00	24.30 0.26 -0.10	30.86 0.49 0.00	30.27 0.45 -0.06	32.09 0.44 0.00	27.66 0.57 0.00	22.97 0.41 0.00	21.41 0.30 0.00	20.38 0.36 0.00
BABYLON_RES_REC 323704	19.31 1.40 0.00	17.44 1.03 0.00	16.32 0.87 0.00	15.13 0.73 0.00	15.45 0.80 0.00	16.34 1.08 0.00	17.87 1.10 -0.77	17.14 1.10 -0.84	17.38 1.24 -0.87	17.89 1.40 -0.23	19.58 1.42 -1.89	20.26 1.46 -2.41	21.22 1.51 -2.30	27.36 1.63 -7.37	27.72 1.74 -6.21	29.25 1.76 -7.20	32.71 2.25 -6.52	36.88 2.76 -3.74	34.91 2.65 -2.50	37.30 2.79 -2.87	32.92 2.22 -3.61	29.26 1.90 -4.80	24.79 1.73 -1.94	22.39 1.54 -0.83
BABYLON__69_KV_BK2 356345	19.54 1.63 0.00	17.62 1.21 0.00	16.48 1.02 0.00	15.29 0.89 0.00	15.61 0.97 0.00	16.54 1.28 0.00	18.08 1.31 -0.77	17.32 1.28 -0.84	17.56 1.42 -0.87	18.10 1.61 -0.23	19.79 1.63 -1.89	20.46 1.66 -2.41	21.43 1.72 -2.30	27.60 1.87 -7.37	27.98 2.00 -6.21	29.52 2.03 -7.20	33.02 2.56 -6.52	37.27 3.16 -3.74	35.33 3.07 -2.50	37.75 3.23 -2.87	33.27 2.57 -3.61	29.55 2.19 -4.80	25.08 2.03 -1.94	22.67 1.82 -0.83
BALL_HILL_WT_PWR 323825	18.36 0.45 0.00	16.85 0.44 0.00	15.88 0.42 0.00	14.78 0.39 0.00	15.05 0.41 0.00	15.53 0.27 0.00	16.07 0.02 -0.06	15.16 -0.11 -0.06	15.16 -0.17 -0.06	16.17 -0.11 -0.02	16.32 0.05 0.00	16.29 -0.10 0.00	17.36 -0.03 0.00	18.13 -0.22 0.00	19.51 -0.26 0.00	20.04 -0.24 0.00	23.42 -0.65 -0.13	29.89 -0.49 0.00	28.85 -0.98 -0.07	30.92 -0.73 0.00	27.01 -0.08 0.00	22.56 0.00 0.00	20.92 -0.19 0.00	20.36 0.34 0.00
BARON_WINDS____WT_PWR 323822	18.29 0.38 0.00	16.79 0.38 0.00	15.78 0.33 0.00	14.71 0.32 0.00	14.98 0.34 0.00	15.50 0.24 0.00	16.15 0.08 -0.07	15.30 0.02 -0.08	15.32 -0.03 -0.08	16.30 0.02 -0.02	16.39 0.11 0.00	16.39 0.00 0.00	17.49 0.09 0.00	18.34 -0.02 0.00	19.65 -0.12 0.00	20.23 -0.06 0.00	23.89 -0.22 -0.18	30.37 0.00 0.00	29.62 -0.24 -0.10	31.33 -0.32 0.00	27.36 0.27 0.00	22.81 0.25 0.00	21.20 0.08 0.00	20.40 0.38 0.00
BARRETT_IC_1 23704	19.14 1.22 -0.01	17.32 0.90 -0.01	16.24 0.77 -0.01	15.07 0.66 -0.01	15.38 0.73 -0.01	16.22 0.96 -0.01	17.75 0.98 -0.77	17.03 0.97 -0.85	17.25 1.10 -0.88	17.75 1.25 -0.23	19.42 1.25 -1.90	20.10 1.29 -2.42	21.05 1.34 -2.31	27.18 1.45 -7.38	27.53 1.54 -6.22	29.02 1.52 -7.21	32.40 1.94 -6.53	36.46 2.34 -3.75	34.50 2.23 -2.51	36.87 2.34 -2.88	32.55 1.84 -3.62	29.00 1.63 -4.81	24.54 1.48 -1.95	22.16 1.30 -0.83
BARRETT_IC_10 23701	19.14 1.22 -0.01	17.32 0.90 -0.01	16.24 0.77 -0.01	15.07 0.66 -0.01	15.38 0.73 -0.01	16.22 0.96 -0.01	17.75 0.98 -0.77	17.03 0.97 -0.85	17.25 1.10 -0.88	17.75 1.25 -0.23	19.42 1.25 -1.90	20.10 1.29 -2.42	21.05 1.34 -2.31	27.18 1.45 -7.38	27.53 1.54 -6.22	29.02 1.52 -7.21	32.40 1.94 -6.53	36.46 2.34 -3.75	34.50 2.23 -2.51	36.87 2.34 -2.88	32.55 1.84 -3.62	29.00 1.63 -4.81	24.54 1.48 -1.95	22.16 1.30 -0.83
BARRETT_IC_11 23702	19.14 1.22 -0.01	17.32 0.90 -0.01	16.24 0.77 -0.01	15.07 0.66 -0.01	15.38 0.73 -0.01	16.22 0.96 -0.01	17.75 0.98 -0.77	17.03 0.97 -0.85	17.25 1.10 -0.88	17.75 1.25 -0.23	19.42 1.25 -1.90	20.10 1.29 -2.42	21.05 1.34 -2.31	27.18 1.45 -7.38	27.53 1.54 -6.22	29.02 1.52 -7.21	32.40 1.94 -6.53	36.46 2.34 -3.75	34.50 2.23 -2.51	36.87 2.34 -2.88	32.55 1.84 -3.62	29.00 1.63 -4.81	24.54 1.48 -1.95	22.16 1.30 -0.83
BARRETT_IC_12 23703	19.14 1.22 -0.01	17.32 0.90 -0.01	16.24 0.77 -0.01	15.07 0.66 -0.01	15.38 0.73 -0.01	16.22 0.96 -0.01	17.75 0.98 -0.77	17.03 0.97 -0.85	17.25 1.10 -0.88	17.75 1.25 -0.23	19.42 1.25 -1.90	20.10 1.29 -2.42	21.05 1.34 -2.31	27.18 1.45 -7.38	27.53 1.54 -6.22	29.02 1.52 -7.21	32.40 1.94 -6.53	36.46 2.34 -3.75	34.50 2.23 -2.51	36.87 2.34 -2.88	32.55 1.84 -3.62	29.00 1.63 -4.81	24.54 1.48 -1.95	22.16 1.30 -0.83
BARRETT_IC_2 23705	19.14 1.22 -0.01	17.32 0.90 -0.01	16.24 0.77 -0.01	15.07 0.66 -0.01	15.38 0.73 -0.01	16.22 0.96 -0.01	17.75 0.98 -0.77	17.03 0.97 -0.85	17.25 1.10 -0.88	17.75 1.25 -0.23	19.42 1.25 -1.90	20.10 1.29 -2.42	21.05 1.34 -2.31	27.18 1.45 -7.38	27.53 1.54 -6.22	29.02 1.52 -7.21	32.40 1.94 -6.53	36.46 2.34 -3.75	34.50 2.23 -2.51	36.87 2.34 -2.88	32.55 1.84 -3.62	29.00 1.63 -4.81	24.54 1.48 -1.95	22.16 1.30 -0.83
BARRETT_IC_3 23706	19.14 1.22 -0.01	17.32 0.90 -0.01	16.24 0.77 -0.01	15.07 0.66 -0.01	15.38 0.73 -0.01	16.22 0.96 -0.01	17.75 0.98 -0.77	17.03 0.97 -0.85	17.25 1.10 -0.88	17.75 1.25 -0.23	19.42 1.25 -1.90	20.10 1.29 -2.42	21.05 1.34 -2.31	27.18 1.45 -7.38	27.53 1.54 -6.22	29.02 1.52 -7.21	32.40 1.94 -6.53	36.46 2.34 -3.75	34.50 2.23 -2.51	36.87 2.34 -2.88	32.55 1.84 -3.62	29.00 1.63 -4.81	24.54 1.48 -1.95	22.16 1.30 -0.83
BARRETT_IC_4 23707	19.14 1.22 -0.01	17.32 0.90 -0.01	16.24 0.77 -0.01	15.07 0.66 -0.01	15.38 0.73 -0.01	16.22 0.96 -0.01	17.75 0.98 -0.77	17.03 0.97 -0.85	17.25 1.10 -0.88	17.75 1.25 -0.23	19.42 1.25 -1.90	20.10 1.29 -2.42	21.05 1.34 -2.31	27.18 1.45 -7.38	27.53 1.54 -6.22	29.02 1.52 -7.21	32.40 1.94 -6.53	36.46 2.34 -3.75	34.50 2.23 -2.51	36.87 2.34 -2.88	32.55 1.84 -3.62	29.00 1.63 -4.81	24.54 1.48 -1.95	22.16 1.30 -0.83
BARRETT_IC_5 23708	19.14 1.22 -0.01	17.32 0.90 -0.01	16.24 0.77 -0.01	15.07 0.66 -0.01	15.38 0.73 -0.01	16.22 0.96 -0.01	17.75 0.98 -0.77	17.03 0.97 -0.85	17.25 1.10 -0.88	17.75 1.25 -0.23	19.42 1.25 -1.90	20.10 1.29 -2.42	21.05 1.34 -2.31	27.18 1.45 -7.38	27.53 1.54 -6.22	29.02 1.52 -7.21	32.40 1.94 -6.53	36.46 2.34 -3.75	34.50 2.23 -2.51	36.87 2.34 -2.88	32.55 1.84 -3.62	29.00 1.63 -4.81	24.54 1.48 -1.95	22.16 1.30 -0.83
BARRETT_IC_6 23709	19.14 1.22 -0.01	17.32 0.90 -0.01	16.24 0.77 -0.01	15.07 0.66 -0.01	15.38 0.73 -0.01	16.22 0.96 -0.01	17.75 0.98 -0.77	17.03 0.97 -0.85	17.25 1.10 -0.88	17.75 1.25 -0.23	19.42 1.25 -1.90	20.10 1.29 -2.42	21.05 1.34 -2.31	27.18 1.45 -7.38	27.53 1.54 -6.22	29.02 1.52 -7.21	32.40 1.94 -6.53	36.46 2.34 -3.75	34.50 2.23 -2.51	36.87 2.34 -2.88	32.55 1.84 -3.62	29.00 1.63 -4.81	24.54 1.48 -1.95	22.16 1.30 -0.83

BARRETT_IC_7 23710	19.13 1.22 0.00	17.31 0.90 0.00	16.23 0.77 0.00	15.07 0.68 0.00	15.38 0.73 0.00	16.22 0.96 0.00	17.76 0.99 -0.77	17.02 0.97 -0.84	17.24 1.10 -0.87	17.74 1.25 -0.23	19.42 1.25 -1.89	20.10 1.29 -2.41	21.04 1.34 -2.30	27.18 1.45 -7.37	27.52 1.54 -6.21	29.03 1.54 -7.20	32.40 1.94 -6.52	36.42 2.31 -3.74	34.49 2.23 -2.50	36.89 2.37 -2.87	32.54 1.84 -3.61	28.99 1.62 -4.80	24.53 1.48 -1.94	22.15 1.30 -0.83
BARRETT_IC_8 23711	19.14 1.22 -0.01	17.32 0.90 -0.01	16.24 0.77 -0.01	15.07 0.66 -0.01	15.38 0.73 -0.01	16.22 0.96 -0.01	17.75 0.98 -0.77	17.03 0.97 -0.85	17.25 1.10 -0.88	17.75 1.25 -0.23	19.42 1.25 -1.90	20.10 1.29 -2.42	21.05 1.34 -2.31	27.18 1.45 -7.38	27.53 1.54 -6.22	29.02 1.52 -7.21	32.40 1.94 -6.53	36.46 2.34 -3.75	34.50 2.23 -2.51	36.87 2.34 -2.88	32.55 1.84 -3.62	29.00 1.63 -4.81	24.54 1.48 -1.95	22.16 1.30 -0.83
BARRETT_IC_9 23700	19.14 1.22 -0.01	17.32 0.90 -0.01	16.24 0.77 -0.01	15.07 0.66 -0.01	15.38 0.73 -0.01	16.22 0.96 -0.01	17.75 0.98 -0.77	17.03 0.97 -0.85	17.25 1.10 -0.88	17.75 1.25 -0.23	19.42 1.25 -1.90	20.10 1.29 -2.42	21.05 1.34 -2.31	27.18 1.45 -7.38	27.53 1.54 -6.22	29.02 1.52 -7.21	32.40 1.94 -6.53	36.46 2.34 -3.75	34.50 2.23 -2.51	36.87 2.34 -2.88	32.55 1.84 -3.62	29.00 1.63 -4.81	24.54 1.48 -1.95	22.16 1.30 -0.83
BARRETT___1 23545	19.14 1.22 -0.01	17.32 0.90 -0.01	16.24 0.77 -0.01	15.07 0.66 -0.01	15.38 0.73 -0.01	16.22 0.96 -0.01	17.75 0.98 -0.77	17.03 0.97 -0.85	17.25 1.10 -0.88	17.75 1.25 -0.23	19.42 1.25 -1.90	20.10 1.29 -2.42	21.05 1.34 -2.31	27.18 1.45 -7.38	27.53 1.54 -6.22	29.02 1.52 -7.21	32.40 1.94 -6.53	36.46 2.34 -3.75	34.50 2.23 -2.51	36.87 2.34 -2.88	32.55 1.84 -3.62	29.00 1.63 -4.81	24.54 1.48 -1.95	22.16 1.30 -0.83
BARRETT___2 23546	19.14 1.22 -0.01	17.32 0.90 -0.01	16.24 0.77 -0.01	15.07 0.66 -0.01	15.38 0.73 -0.01	16.22 0.96 -0.01	17.75 0.98 -0.77	17.03 0.97 -0.85	17.25 1.10 -0.88	17.75 1.25 -0.23	19.42 1.25 -1.90	20.10 1.29 -2.42	21.05 1.34 -2.31	27.18 1.45 -7.38	27.53 1.54 -6.22	29.02 1.52 -7.21	32.40 1.94 -6.53	36.46 2.34 -3.75	34.50 2.23 -2.51	36.87 2.34 -2.88	32.55 1.84 -3.62	29.00 1.63 -4.81	24.54 1.48 -1.95	22.16 1.30 -0.83
BATAVIA___115KV_TB1 55881	18.49 0.57 0.00	16.94 0.53 0.00	15.89 0.43 0.00	14.80 0.40 0.00	15.08 0.44 0.00	15.65 0.40 0.00	16.24 0.19 -0.05	15.31 0.06 -0.05	15.29 -0.03 -0.05	16.20 -0.08 -0.01	16.34 0.07 0.00	16.33 -0.07 0.00	17.43 0.03 0.00	18.21 -0.15 0.00	19.63 -0.14 0.00	20.19 -0.10 0.00	23.76 -0.29 -0.11	30.16 -0.21 0.00	29.38 -0.45 -0.06	31.24 -0.41 0.00	27.36 0.27 0.00	22.81 0.25 0.00	21.15 0.04 0.00	20.54 0.52 0.00
BAYONEEC___CTG1 323682	18.82 0.91 0.00	17.15 0.74 0.00	16.20 0.74 0.00	15.08 0.68 -0.01	15.35 0.70 0.00	16.00 0.75 0.00	17.55 0.78 -0.77	16.81 0.76 -0.84	16.99 0.85 -0.87	17.47 0.98 -0.23	17.28 1.01 0.00	17.46 1.06 0.00	18.50 1.10 0.00	19.57 1.21 0.00	21.07 1.30 0.00	21.57 1.28 0.00	26.46 1.67 -0.85	32.20 1.82 0.00	31.94 1.70 -0.48	33.42 1.77 0.00	28.52 1.43 0.00	23.83 1.26 0.00	22.19 1.08 0.00	20.92 0.90 0.00
BAYONEEC___CTG10 323750	18.82 0.91 0.00	17.15 0.74 0.00	16.20 0.74 0.00	15.08 0.68 -0.01	15.35 0.70 0.00	16.00 0.75 0.00	17.55 0.78 -0.77	16.81 0.76 -0.84	16.99 0.85 -0.87	17.47 0.98 -0.23	17.28 1.01 0.00	17.46 1.06 0.00	18.50 1.10 0.00	19.57 1.21 0.00	21.07 1.30 0.00	21.57 1.28 0.00	26.46 1.67 -0.85	32.20 1.82 0.00	31.94 1.70 -0.48	33.42 1.77 0.00	28.52 1.43 0.00	23.83 1.26 0.00	22.19 1.08 0.00	20.92 0.90 0.00
BAYONEEC___CTG2 323683	18.82 0.91 0.00	17.15 0.74 0.00	16.20 0.74 0.00	15.08 0.68 -0.01	15.35 0.70 0.00	16.00 0.75 0.00	17.55 0.78 -0.77	16.81 0.76 -0.84	16.99 0.85 -0.87	17.47 0.98 -0.23	17.28 1.01 0.00	17.46 1.06 0.00	18.50 1.10 0.00	19.57 1.21 0.00	21.07 1.30 0.00	21.57 1.28 0.00	26.46 1.67 -0.85	32.20 1.82 0.00	31.94 1.70 -0.48	33.42 1.77 0.00	28.52 1.43 0.00	23.83 1.26 0.00	22.19 1.08 0.00	20.92 0.90 0.00
BAYONEEC___CTG3 323684	18.82 0.91 0.00	17.15 0.74 0.00	16.20 0.74 0.00	15.08 0.68 -0.01	15.35 0.70 0.00	16.00 0.75 0.00	17.55 0.78 -0.77	16.81 0.76 -0.84	16.99 0.85 -0.87	17.47 0.98 -0.23	17.28 1.01 0.00	17.46 1.06 0.00	18.50 1.10 0.00	19.57 1.21 0.00	21.07 1.30 0.00	21.57 1.28 0.00	26.46 1.67 -0.85	32.20 1.82 0.00	31.94 1.70 -0.48	33.42 1.77 0.00	28.52 1.43 0.00	23.83 1.26 0.00	22.19 1.08 0.00	20.92 0.90 0.00
BAYONEEC___CTG4 323685	18.82 0.91 0.00	17.15 0.74 0.00	16.20 0.74 0.00	15.08 0.68 -0.01	15.35 0.70 0.00	16.00 0.75 0.00	17.55 0.78 -0.77	16.81 0.76 -0.84	16.99 0.85 -0.87	17.47 0.98 -0.23	17.28 1.01 0.00	17.46 1.06 0.00	18.50 1.10 0.00	19.57 1.21 0.00	21.07 1.30 0.00	21.57 1.28 0.00	26.46 1.67 -0.85	32.20 1.82 0.00	31.94 1.70 -0.48	33.42 1.77 0.00	28.52 1.43 0.00	23.83 1.26 0.00	22.19 1.08 0.00	20.92 0.90 0.00
BAYONEEC___CTG5 323686	18.82 0.91 0.00	17.15 0.74 0.00	16.20 0.74 0.00	15.08 0.68 -0.01	15.35 0.70 0.00	16.00 0.75 0.00	17.55 0.78 -0.77	16.81 0.76 -0.84	16.99 0.85 -0.87	17.47 0.98 -0.23	17.28 1.01 0.00	17.46 1.06 0.00	18.50 1.10 0.00	19.57 1.21 0.00	21.07 1.30 0.00	21.57 1.28 0.00	26.46 1.67 -0.85	32.20 1.82 0.00	31.94 1.70 -0.48	33.42 1.77 0.00	28.52 1.43 0.00	23.83 1.26 0.00	22.19 1.08 0.00	20.92 0.90 0.00
BAYONEEC___CTG6 323687	18.82 0.91 0.00	17.15 0.74 0.00	16.20 0.74 0.00	15.08 0.68 -0.01	15.35 0.70 0.00	16.00 0.75 0.00	17.55 0.78 -0.77	16.81 0.76 -0.84	16.99 0.85 -0.87	17.47 0.98 -0.23	17.28 1.01 0.00	17.46 1.06 0.00	18.50 1.10 0.00	19.57 1.21 0.00	21.07 1.30 0.00	21.57 1.28 0.00	26.46 1.67 -0.85	32.20 1.82 0.00	31.94 1.70 -0.48	33.42 1.77 0.00	28.52 1.43 0.00	23.83 1.26 0.00	22.19 1.08 0.00	20.92 0.90 0.00
BAYONEEC___CTG7 323688	18.82 0.91 0.00	17.15 0.74 0.00	16.20 0.74 0.00	15.08 0.68 -0.01	15.35 0.70 0.00	16.00 0.75 0.00	17.55 0.78 -0.77	16.81 0.76 -0.84	16.99 0.85 -0.87	17.47 0.98 -0.23	17.28 1.01 0.00	17.46 1.06 0.00	18.50 1.10 0.00	19.57 1.21 0.00	21.07 1.30 0.00	21.57 1.28 0.00	26.46 1.67 -0.85	32.20 1.82 0.00	31.94 1.70 -0.48	33.42 1.77 0.00	28.52 1.43 0.00	23.83 1.26 0.00	22.19 1.08 0.00	20.92 0.90 0.00
BAYONEEC___CTG8 323689	18.82 0.91 0.00	17.15 0.74 0.00	16.20 0.74 0.00	15.08 0.68 -0.01	15.35 0.70 0.00	16.00 0.75 0.00	17.55 0.78 -0.77	16.81 0.76 -0.84	16.99 0.85 -0.87	17.47 0.98 -0.23	17.28 1.01 0.00	17.46 1.06 0.00	18.50 1.10 0.00	19.57 1.21 0.00	21.07 1.30 0.00	21.57 1.28 0.00	26.46 1.67 -0.85	32.20 1.82 0.00	31.94 1.70 -0.48	33.42 1.77 0.00	28.52 1.43 0.00	23.83 1.26 0.00	22.19 1.08 0.00	20.92 0.90 0.00

BAYONEEC___CTG9 323749	18.82 0.91 0.00	17.15 0.74 0.00	16.20 0.74 0.00	15.08 0.68 -0.01	15.35 0.70 0.00	16.00 0.75 0.00	17.55 0.78 -0.77	16.81 0.76 -0.84	16.99 0.85 -0.87	17.47 0.98 -0.23	17.28 1.01 0.00	17.46 1.06 0.00	18.50 1.10 0.00	19.57 1.21 0.00	21.07 1.30 0.00	21.57 1.28 0.00	26.46 1.67 -0.85	32.20 1.82 0.00	31.94 1.70 -0.48	33.42 1.77 0.00	28.52 1.43 0.00	23.83 1.26 0.00	22.19 1.08 0.00	20.92 0.90 0.00
BEACON___LESR 323632	18.45 0.54 0.00	16.92 0.51 0.00	15.97 0.51 0.00	14.89 0.49 -0.01	15.13 0.48 0.00	15.76 0.50 0.00	17.53 0.54 -0.99	16.82 0.53 -1.09	16.91 0.52 -1.13	17.09 0.54 -0.29	16.76 0.49 0.00	16.90 0.51 0.00	17.90 0.50 0.00	18.98 0.62 0.00	20.42 0.65 0.00	21.00 0.71 0.00	25.92 0.89 -1.09	31.62 1.25 0.00	31.59 1.22 -0.61	33.01 1.36 0.00	28.06 0.97 0.00	23.31 0.74 0.00	21.70 0.59 0.00	20.46 0.44 0.00
BEAVER RIVER___HYD 24048	17.77 -0.14 0.00	16.30 -0.11 0.00	15.29 -0.17 0.00	14.22 -0.17 0.00	14.51 -0.13 0.00	15.12 -0.14 0.00	15.89 -0.11 0.00	15.13 -0.08 0.00	15.17 -0.09 0.00	16.13 -0.13 0.00	16.11 -0.16 0.00	16.23 -0.16 0.00	17.26 -0.14 0.00	18.17 -0.18 0.00	19.57 -0.20 0.00	20.10 -0.18 0.00	23.82 -0.14 -0.03	30.34 -0.03 0.00	29.84 0.06 -0.02	31.77 0.13 0.00	27.22 0.14 0.00	22.68 0.11 0.00	21.11 0.00 0.00	19.94 -0.08 0.00
BEEBEE_GT_13 23619	18.20 0.29 0.00	16.71 0.30 0.00	15.69 0.23 0.00	14.60 0.20 0.00	14.88 0.23 0.00	15.42 0.17 0.00	16.17 0.13 -0.04	15.28 0.03 -0.04	15.28 -0.03 -0.05	16.16 -0.11 -0.01	16.26 -0.02 0.00	16.31 -0.08 0.00	17.38 -0.02 0.00	18.21 -0.15 0.00	19.63 -0.14 0.00	20.17 -0.12 0.00	23.89 -0.14 -0.10	30.16 -0.21 0.00	29.55 -0.27 -0.05	31.27 -0.38 0.00	27.22 0.14 0.00	22.68 0.11 0.00	21.09 -0.02 0.00	20.32 0.30 0.00
BENSHRST_27_KV_BENSHRST_1 355998	18.90 0.99 0.00	17.20 0.79 0.00	16.14 0.68 0.00	15.07 0.68 0.00	15.33 0.69 0.00	15.99 0.73 0.00	17.57 0.80 -0.77	16.84 0.79 -0.84	17.06 0.92 -0.87	17.55 1.06 -0.23	17.38 1.11 0.00	17.59 1.20 0.00	18.65 1.25 0.00	19.75 1.39 0.00	21.29 1.52 0.00	21.73 1.44 0.00	26.73 1.94 -0.86	32.47 2.10 0.00	32.29 2.05 -0.48	33.77 2.12 0.00	28.69 1.60 0.00	23.99 1.42 0.00	22.29 1.18 0.00	21.00 0.98 0.00
BETHLEHEM___GRP 23843	18.18 0.27 0.00	16.69 0.28 0.00	15.75 0.29 0.00	14.70 0.30 0.00	14.92 0.28 0.00	15.56 0.31 0.00	17.28 0.29 -0.99	16.58 0.29 -1.09	16.67 0.27 -1.13	16.85 0.29 -0.29	16.52 0.24 0.00	16.65 0.26 0.00	17.64 0.24 0.00	18.69 0.33 0.00	20.09 0.32 0.00	20.65 0.37 0.00	25.51 0.48 -1.10	31.01 0.64 0.00	31.00 0.63 -0.61	32.34 0.70 0.00	27.52 0.43 0.00	22.90 0.34 0.00	21.34 0.23 0.00	20.16 0.14 0.00
BETHLEHEM___GS1 323560	18.16 0.25 0.00	16.69 0.28 0.00	15.75 0.29 0.00	14.70 0.30 -0.01	14.92 0.28 0.00	15.56 0.30 0.00	17.29 0.30 -0.99	16.58 0.29 -1.09	16.67 0.28 -1.13	16.85 0.29 -0.29	16.52 0.24 0.00	16.65 0.26 0.00	17.64 0.24 0.00	18.70 0.35 0.00	20.08 0.32 0.00	20.65 0.37 0.00	25.51 0.48 -1.10	31.04 0.67 0.00	31.00 0.63 -0.61	32.34 0.70 0.00	27.55 0.46 0.00	22.90 0.34 0.00	21.34 0.23 0.00	20.16 0.14 0.00
BETHLEHEM___GS2 323561	18.16 0.25 0.00	16.69 0.28 0.00	15.75 0.29 0.00	14.70 0.30 -0.01	14.92 0.28 0.00	15.56 0.30 0.00	17.29 0.30 -0.99	16.58 0.29 -1.09	16.67 0.28 -1.13	16.85 0.29 -0.29	16.52 0.24 0.00	16.65 0.26 0.00	17.64 0.24 0.00	18.70 0.35 0.00	20.08 0.32 0.00	20.65 0.37 0.00	25.51 0.48 -1.10	31.04 0.67 0.00	31.00 0.63 -0.61	32.34 0.70 0.00	27.55 0.46 0.00	22.90 0.34 0.00	21.34 0.23 0.00	20.16 0.14 0.00
BETHLEHEM___GS3 323562	18.16 0.25 0.00	16.69 0.28 0.00	15.75 0.29 0.00	14.70 0.30 -0.01	14.92 0.28 0.00	15.56 0.30 0.00	17.29 0.30 -0.99	16.58 0.29 -1.09	16.67 0.28 -1.13	16.85 0.29 -0.29	16.52 0.24 0.00	16.65 0.26 0.00	17.64 0.24 0.00	18.70 0.35 0.00	20.08 0.32 0.00	20.65 0.37 0.00	25.51 0.48 -1.10	31.04 0.67 0.00	31.00 0.63 -0.61	32.34 0.70 0.00	27.55 0.46 0.00	22.90 0.34 0.00	21.34 0.23 0.00	20.16 0.14 0.00
BETHLEHEM___STEEL 23779	18.31 0.39 0.00	16.82 0.41 0.00	15.83 0.37 0.00	14.75 0.36 0.00	15.01 0.37 0.00	15.50 0.24 0.00	16.04 -0.02 -0.05	15.11 -0.15 -0.06	15.10 -0.23 -0.06	16.10 -0.18 -0.02	16.24 -0.03 0.00	16.23 -0.16 0.00	17.30 -0.10 0.00	18.06 -0.29 0.00	19.43 -0.34 0.00	19.98 -0.30 0.00	23.32 -0.74 -0.13	29.77 -0.61 0.00	28.73 -1.10 -0.07	30.76 -0.89 0.00	26.90 -0.19 0.00	22.47 -0.09 0.00	20.86 -0.25 0.00	20.32 0.30 0.00
BETHLHEM_115KV_TB1 79974	18.23 0.32 0.00	16.74 0.33 0.00	15.80 0.34 0.00	14.74 0.35 0.00	14.97 0.32 0.00	15.59 0.34 0.00	17.33 0.34 -0.99	16.63 0.33 -1.09	16.71 0.32 -1.13	16.88 0.33 -0.29	16.57 0.29 0.00	16.70 0.31 0.00	17.70 0.30 0.00	18.74 0.39 0.00	20.14 0.38 0.00	20.71 0.43 0.00	25.58 0.55 -1.10	31.10 0.73 0.00	31.09 0.71 -0.61	32.44 0.79 0.00	27.60 0.51 0.00	22.97 0.41 0.00	21.41 0.30 0.00	20.22 0.20 0.00
BETHPAGE_CC_5 323564	19.24 1.33 0.00	17.39 0.98 0.00	16.29 0.83 0.00	15.12 0.72 0.00	15.42 0.78 0.00	16.29 1.04 0.00	17.82 1.06 -0.77	17.09 1.05 -0.84	17.33 1.19 -0.87	17.84 1.35 -0.23	19.53 1.37 -1.89	20.21 1.41 -2.41	21.16 1.46 -2.30	27.30 1.58 -7.37	27.64 1.66 -6.21	29.17 1.68 -7.20	32.59 2.13 -6.52	36.73 2.61 -3.74	34.76 2.50 -2.50	37.14 2.63 -2.87	32.76 2.06 -3.61	29.15 1.78 -4.80	24.66 1.60 -1.94	22.27 1.42 -0.83
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	18.31 0.39 0.00	16.82 0.41 0.00	15.81 0.36 0.00	14.74 0.35 0.00	15.01 0.37 0.00	15.50 0.24 0.00	15.99 -0.06 -0.05	15.08 -0.18 -0.06	15.07 -0.26 -0.06	16.10 -0.18 -0.02	16.26 -0.02 0.00	16.24 -0.15 0.00	17.31 -0.09 0.00	18.08 -0.28 0.00	19.43 -0.34 0.00	19.98 -0.30 0.00	23.30 -0.77 -0.13	29.80 -0.58 0.00	28.70 -1.13 -0.07	30.79 -0.85 0.00	26.93 -0.16 0.00	22.50 -0.07 0.00	20.86 -0.25 0.00	20.32 0.30 0.00
BINGHAMTON___COGEN 23790	18.16 0.25 0.00	16.64 0.23 0.00	15.67 0.22 0.00	14.58 0.19 0.00	14.85 0.21 0.00	15.42 0.17 0.00	16.20 0.10 -0.11	15.41 0.09 -0.12	15.47 0.08 -0.12	16.40 0.10 -0.03	16.41 0.13 0.00	16.47 0.08 0.00	17.52 0.12 0.00	18.43 0.07 0.00	19.83 0.06 0.00	20.37 0.08 0.00	24.33 0.14 -0.25	30.71 0.33 0.00	30.08 0.18 -0.14	31.90 0.25 0.00	27.47 0.38 0.00	22.90 0.34 0.00	21.32 0.21 0.00	20.32 0.30 0.00
BIXINCNT_115KV_LOAD 355685	18.31 0.39 0.00	16.82 0.41 0.00	15.84 0.39 0.00	14.75 0.36 0.00	15.02 0.38 0.00	15.51 0.26 0.00	15.93 -0.13 -0.06	15.05 -0.21 -0.06	15.07 -0.26 -0.07	16.17 -0.11 -0.02	16.32 0.05 0.00	16.29 -0.10 0.00	17.36 -0.03 0.00	18.12 -0.24 0.00	19.47 -0.30 0.00	20.00 -0.28 0.00	23.21 -0.86 -0.14	29.86 -0.52 0.00	28.65 -1.19 -0.08	30.89 -0.76 0.00	27.01 -0.08 0.00	22.52 -0.05 0.00	20.86 -0.25 0.00	20.26 0.24 0.00

BLACK RIVER___HYD 24047	18.04 0.13 0.00	16.54 0.13 0.00	15.52 0.06 0.00	14.44 0.04 0.00	14.73 0.09 0.00	15.33 0.08 0.00	16.15 0.13 -0.02	15.37 0.15 -0.02	15.39 0.11 -0.02	16.34 0.07 -0.01	16.29 0.02 0.00	16.41 0.02 0.00	17.47 0.07 0.00	18.37 0.02 0.00	19.79 0.02 0.00	20.33 0.04 0.00	24.15 0.17 -0.04	30.77 0.39 0.00	30.32 0.54 -0.02	32.25 0.60 0.00	27.71 0.62 0.00	23.08 0.52 0.00	21.45 0.34 0.00	20.28 0.26 0.00
BLACKRVR_115KV_TB2 79977	18.04 0.13 0.00	16.54 0.13 0.00	15.52 0.06 0.00	14.42 0.03 0.00	14.73 0.09 0.00	15.33 0.08 0.00	16.13 0.11 -0.02	15.37 0.15 -0.02	15.39 0.11 -0.02	16.34 0.07 -0.01	16.29 0.02 0.00	16.41 0.02 0.00	17.47 0.07 0.00	18.43 0.07 0.00	19.79 0.02 0.00	20.33 0.04 0.00	24.15 0.17 -0.04	30.80 0.43 0.00	30.35 0.57 -0.02	32.28 0.63 0.00	27.71 0.62 0.00	23.08 0.52 0.00	21.45 0.34 0.00	20.28 0.26 0.00
BLISS_WT_PWR 323608	18.29 0.38 0.00	16.82 0.41 0.00	15.84 0.39 0.00	14.78 0.39 0.00	15.04 0.40 0.00	15.53 0.27 0.00	15.95 -0.11 -0.06	15.05 -0.21 -0.06	15.07 -0.26 -0.07	16.19 -0.10 -0.02	16.32 0.05 0.00	16.29 -0.10 0.00	17.42 0.02 0.00	18.28 -0.07 0.00	19.47 -0.30 0.00	20.05 -0.24 0.00	23.26 -0.81 -0.14	29.89 -0.49 0.00	28.80 -1.04 -0.08	30.51 -1.14 0.00	27.01 -0.08 0.00	22.52 -0.05 0.00	20.86 -0.25 0.00	20.26 0.24 0.00
BLUESTONE___WT_PWR 323821	18.82 0.91 0.00	17.28 0.87 0.00	16.22 0.76 0.00	15.09 0.69 0.00	15.39 0.75 0.00	15.99 0.73 0.00	16.86 0.75 -0.11	16.07 0.74 -0.12	16.09 0.70 -0.12	17.03 0.73 -0.03	16.97 0.70 0.00	17.08 0.69 0.00	18.22 0.82 0.00	19.13 0.77 0.00	20.60 0.83 0.00	21.20 0.91 0.00	25.49 1.29 -0.26	32.23 1.85 0.00	31.75 1.85 -0.15	33.61 1.96 0.00	28.98 1.90 0.00	24.17 1.60 0.00	22.38 1.27 0.00	21.20 1.18 0.00
BLUE_CIRC_CHEM_DRP 24182	18.49 0.57 0.00	16.97 0.56 0.00	16.01 0.56 0.00	14.93 0.53 0.00	15.16 0.51 0.00	15.80 0.55 0.00	17.52 0.54 -0.97	16.79 0.52 -1.07	16.86 0.49 -1.11	17.07 0.52 -0.29	16.75 0.47 0.00	16.88 0.49 0.00	17.89 0.49 0.00	18.94 0.59 0.00	20.40 0.63 0.00	21.00 0.71 0.00	25.85 0.84 -1.07	31.50 1.12 0.00	31.46 1.10 -0.60	32.88 1.23 0.00	27.98 0.89 0.00	23.29 0.72 0.00	21.68 0.57 0.00	20.50 0.48 0.00
BOC_GAS_DRP 24189	18.38 0.47 0.00	16.85 0.44 0.00	15.89 0.43 0.00	14.83 0.43 0.00	15.05 0.41 0.00	15.70 0.44 0.00	17.44 0.45 -0.99	16.72 0.43 -1.09	16.81 0.41 -1.13	17.00 0.44 -0.29	16.70 0.42 0.00	16.83 0.44 0.00	17.83 0.43 0.00	18.85 0.50 0.00	20.30 0.53 0.00	20.88 0.59 0.00	25.74 0.72 -1.09	31.26 0.88 0.00	31.24 0.86 -0.61	32.56 0.92 0.00	27.77 0.68 0.00	23.13 0.56 0.00	21.55 0.44 0.00	20.38 0.36 0.00
BOONVILLE_115KV_TB1 79983	18.11 0.20 0.00	16.61 0.20 0.00	15.61 0.15 0.00	14.52 0.13 0.00	14.80 0.16 0.00	15.42 0.17 0.00	16.18 0.18 0.00	15.40 0.20 0.00	15.45 0.18 0.00	16.43 0.16 0.00	16.42 0.15 0.00	16.54 0.15 0.00	17.59 0.19 0.00	18.54 0.18 0.00	19.95 0.18 0.00	20.47 0.18 0.00	24.27 0.31 -0.03	30.86 0.49 0.00	30.31 0.54 -0.02	32.25 0.60 0.00	27.63 0.54 0.00	23.04 0.47 0.00	21.45 0.34 0.00	20.30 0.28 0.00
BORALEX_4TH_BRANCH 23824	18.81 0.90 0.00	17.17 0.76 0.00	16.22 0.76 0.00	15.13 0.73 -0.01	15.35 0.70 0.00	16.00 0.75 0.00	17.78 0.80 -0.98	17.09 0.81 -1.08	17.15 0.76 -1.12	17.35 0.80 -0.29	16.96 0.68 0.00	17.11 0.72 0.00	18.10 0.70 0.00	19.13 0.77 0.00	20.62 0.85 0.00	21.28 0.99 0.00	26.34 1.32 -1.09	32.17 1.79 0.00	32.13 1.76 -0.61	33.42 1.77 0.00	28.47 1.38 0.00	23.65 1.08 0.00	22.06 0.95 0.00	20.84 0.82 0.00
BOWLINE___1 23526	18.70 0.79 0.00	17.05 0.64 0.00	16.09 0.63 0.00	14.98 0.58 0.00	15.23 0.59 0.00	15.88 0.63 0.00	17.37 0.64 -0.73	16.66 0.65 -0.80	16.81 0.72 -0.83	17.28 0.80 -0.21	17.09 0.81 0.00	17.23 0.84 0.00	18.27 0.87 0.00	19.31 0.95 0.00	20.78 1.01 0.00	21.32 1.03 0.00	26.12 1.36 -0.82	31.95 1.58 0.00	31.71 1.49 -0.46	33.23 1.58 0.00	28.34 1.25 0.00	23.65 1.08 0.00	22.00 0.89 0.00	20.76 0.74 0.00
BOWLINE___2 23595	18.70 0.79 0.00	17.05 0.64 0.00	16.09 0.63 0.00	14.98 0.58 0.00	15.23 0.59 0.00	15.88 0.63 0.00	17.37 0.64 -0.73	16.66 0.65 -0.80	16.81 0.72 -0.83	17.28 0.80 -0.21	17.09 0.81 0.00	17.23 0.84 0.00	18.27 0.87 0.00	19.31 0.95 0.00	20.80 1.03 0.00	21.32 1.03 0.00	26.12 1.36 -0.82	31.95 1.58 0.00	31.74 1.52 -0.46	33.23 1.58 0.00	28.34 1.25 0.00	23.65 1.08 0.00	22.00 0.89 0.00	20.76 0.74 0.00
BRADY___115KV_TB2 356060	17.54 -0.38 0.00	16.08 -0.33 0.00	15.12 -0.34 0.00	14.06 -0.33 0.00	14.32 -0.32 0.00	14.95 -0.31 0.00	15.74 -0.26 0.00	14.97 -0.23 0.00	15.05 -0.21 0.00	16.05 -0.21 0.00	16.06 -0.21 0.00	16.19 -0.20 0.00	17.21 -0.19 0.00	18.13 -0.22 0.00	19.57 -0.20 0.00	20.08 -0.20 0.00	23.58 -0.36 0.00	29.98 -0.39 0.00	29.46 -0.30 0.00	31.39 -0.25 0.00	26.79 -0.30 0.00	22.27 -0.29 0.00	20.94 -0.17 0.00	19.72 -0.30 0.00
BRANSCOMB___SOLAR 323811	18.90 0.98 0.00	17.28 0.87 0.00	16.32 0.87 0.00	15.22 0.82 -0.01	15.45 0.80 0.00	16.11 0.85 0.00	17.90 0.90 -1.01	17.16 0.85 -1.11	17.19 0.78 -1.15	17.38 0.81 -0.30	16.96 0.68 0.00	17.09 0.70 0.00	18.10 0.70 0.00	19.18 0.83 0.00	20.74 0.97 0.00	21.36 1.07 0.00	26.45 1.39 -1.13	32.26 1.88 0.00	32.30 1.91 -0.63	33.77 2.12 0.00	28.82 1.74 0.00	23.92 1.35 0.00	22.27 1.16 0.00	21.02 1.00 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	19.45 1.54 0.00	17.56 1.15 0.00	16.42 0.96 0.00	15.23 0.83 0.00	15.55 0.91 0.00	16.48 1.22 0.00	18.01 1.25 -0.77	17.28 1.23 -0.84	17.50 1.36 -0.87	18.04 1.55 -0.23	19.71 1.55 -1.89	20.38 1.57 -2.41	21.34 1.64 -2.30	27.51 1.78 -7.37	27.86 1.88 -6.21	29.36 1.87 -7.20	32.80 2.35 -6.52	37.00 2.89 -3.74	35.06 2.80 -2.50	37.49 2.97 -2.87	33.03 2.33 -3.61	29.40 2.03 -4.80	24.96 1.90 -1.94	22.57 1.72 -0.83
BRISTLHL_115KV_TB1 79998	18.14 0.23 0.00	16.64 0.23 0.00	15.66 0.20 0.00	14.57 0.17 0.00	14.85 0.21 0.00	15.42 0.17 0.00	16.22 0.19 -0.03	15.43 0.20 -0.03	15.45 0.15 -0.03	16.42 0.15 -0.01	16.44 0.16 0.00	16.54 0.15 0.00	17.59 0.19 0.00	18.54 0.18 0.00	19.91 0.14 0.00	20.43 0.14 0.00	24.24 0.24 -0.07	30.83 0.46 0.00	30.22 0.42 -0.04	32.06 0.41 0.00	27.63 0.54 0.00	22.97 0.41 0.00	21.43 0.32 0.00	20.38 0.36 0.00
BROOKHAVEN___DRP 24191	19.52 1.61 0.00	17.61 1.20 0.00	16.45 0.99 0.00	15.24 0.85 0.00	15.58 0.94 0.00	16.54 1.28 0.00	18.08 1.31 -0.77	17.32 1.28 -0.84	17.56 1.42 -0.87	18.09 1.59 -0.23	19.74 1.58 -1.89	20.41 1.61 -2.41	21.37 1.67 -2.30	27.56 1.84 -7.37	27.86 1.88 -6.21	29.40 1.91 -7.20	32.90 2.44 -6.52	37.13 3.01 -3.75	35.21 2.95 -2.51	37.66 3.13 -2.88	33.14 2.44 -3.61	29.49 2.12 -4.80	25.02 1.96 -1.94	22.63 1.78 -0.83

BROOKLYN_NAVY_YARD 23515	18.79 0.88 0.00	17.12 0.71 0.00	16.15 0.70 0.00	15.03 0.63 -0.01	15.29 0.64 0.00	15.96 0.70 0.00	17.50 0.74 -0.77	16.79 0.74 -0.84	16.98 0.84 -0.87	17.45 0.96 -0.23	17.25 0.98 0.00	17.42 1.03 0.00	18.46 1.06 0.00	19.53 1.18 0.00	21.05 1.28 0.00	21.53 1.24 0.00	26.44 1.65 -0.85	32.11 1.73 0.00	31.88 1.64 -0.48	33.35 1.71 0.00	28.42 1.33 0.00	23.78 1.22 0.00	22.17 1.06 0.00	20.88 0.86 0.00
BROOKLYN___ARMY_DRP 323595	18.79 0.88 0.00	17.10 0.69 0.00	16.03 0.57 0.00	14.99 0.60 0.00	15.25 0.62 0.00	15.91 0.66 0.00	17.48 0.72 -0.76	16.76 0.71 -0.84	16.96 0.82 -0.87	17.45 0.96 -0.22	17.28 1.01 0.00	17.47 1.08 0.00	18.53 1.13 0.00	19.62 1.27 0.00	21.15 1.38 0.00	21.60 1.32 0.00	26.56 1.77 -0.85	32.31 1.94 0.01	32.14 1.90 -0.47	33.60 1.96 0.01	28.52 1.44 0.00	23.85 1.29 0.00	22.16 1.06 0.00	20.88 0.86 0.00
BROOKVLE_69_KV_TB1 55790	19.13 1.22 0.00	17.35 0.94 0.00	16.29 0.83 0.00	15.13 0.73 0.00	15.42 0.78 0.00	16.23 0.98 0.00	17.77 1.01 -0.77	17.03 0.99 -0.84	17.24 1.10 -0.87	17.73 1.24 -0.23	19.45 1.29 -1.89	20.13 1.33 -2.41	21.08 1.37 -2.30	27.21 1.49 -7.37	27.60 1.62 -6.21	29.13 1.64 -7.20	32.57 2.11 -6.52	36.48 2.37 -3.74	34.55 2.29 -2.50	36.92 2.41 -2.87	32.70 2.00 -3.61	29.10 1.74 -4.80	24.55 1.50 -1.94	22.17 1.32 -0.83
BROOME_2_LFGE 323671	18.14 0.23 0.00	16.64 0.23 0.00	15.67 0.22 0.00	14.58 0.19 0.00	14.85 0.20 0.00	15.42 0.17 0.00	16.20 0.10 -0.11	15.41 0.09 -0.12	15.47 0.08 -0.12	16.40 0.10 -0.03	16.41 0.13 0.00	16.47 0.08 0.00	17.54 0.14 0.00	18.43 0.07 0.00	19.83 0.06 0.00	20.37 0.08 0.00	24.33 0.14 -0.25	30.68 0.30 0.00	30.11 0.21 -0.14	31.84 0.19 0.00	27.47 0.38 0.00	22.90 0.34 0.00	21.32 0.21 0.00	20.32 0.30 0.00
BROOME___LFGE 323600	18.14 0.23 0.00	16.64 0.23 0.00	15.67 0.22 0.00	14.58 0.19 0.00	14.85 0.20 0.00	15.42 0.17 0.00	16.20 0.10 -0.11	15.41 0.09 -0.12	15.47 0.08 -0.12	16.40 0.10 -0.03	16.41 0.13 0.00	16.47 0.08 0.00	17.54 0.14 0.00	18.43 0.07 0.00	19.83 0.06 0.00	20.37 0.08 0.00	24.33 0.14 -0.25	30.68 0.30 0.00	30.11 0.21 -0.14	31.84 0.19 0.00	27.47 0.38 0.00	22.90 0.34 0.00	21.32 0.21 0.00	20.32 0.30 0.00
BROWNFLS_115KV_TB_3_5 80003	17.48 -0.43 0.00	16.03 -0.38 0.00	15.06 -0.40 0.00	14.01 -0.39 0.00	14.28 -0.37 0.00	14.89 -0.37 0.00	15.66 -0.34 0.00	14.93 -0.27 0.00	14.98 -0.29 0.00	15.96 -0.31 0.00	15.95 -0.33 0.00	16.08 -0.31 0.00	17.09 -0.31 0.00	18.01 -0.35 0.00	19.39 -0.38 0.00	19.88 -0.41 0.00	23.48 -0.48 -0.02	29.89 -0.49 0.00	29.39 -0.39 -0.01	31.27 -0.38 0.00	26.76 -0.33 0.00	22.27 -0.29 0.00	20.84 -0.27 0.00	19.64 -0.38 0.00
BROWNSV1_27_KV_LOAD 356125	18.97 1.06 0.00	17.28 0.87 0.00	16.29 0.83 0.00	15.17 0.78 0.00	15.43 0.79 0.00	16.11 0.85 0.00	17.68 0.91 -0.77	16.93 0.88 -0.84	17.12 0.98 -0.87	17.60 1.11 -0.23	17.41 1.14 0.00	17.59 1.20 0.00	18.65 1.25 0.00	19.73 1.38 0.00	21.27 1.50 0.00	21.75 1.46 0.00	26.68 1.89 -0.85	32.44 2.07 0.00	32.20 1.96 -0.48	33.74 2.09 0.00	28.74 1.65 0.00	24.03 1.47 0.00	22.36 1.25 0.00	21.08 1.06 0.00
BURROWS___LYONSDAL 23803	18.04 0.13 0.00	16.54 0.13 0.00	15.54 0.08 0.00	14.47 0.07 0.00	14.75 0.10 0.00	15.36 0.11 0.00	16.11 0.11 0.00	15.34 0.14 0.00	15.39 0.12 0.00	16.36 0.10 0.00	16.36 0.08 0.00	16.47 0.08 0.00	17.52 0.12 0.00	18.46 0.11 0.00	19.87 0.10 0.00	20.41 0.12 0.00	24.18 0.22 -0.03	30.77 0.39 0.00	30.22 0.45 -0.02	32.15 0.51 0.00	27.58 0.49 0.00	22.97 0.41 0.00	21.39 0.27 0.00	20.24 0.22 0.00
CAITHNESS_CC_1 323624	19.45 1.54 0.00	17.56 1.15 0.00	16.40 0.94 0.00	15.20 0.81 0.00	15.54 0.89 0.00	16.47 1.22 0.00	18.00 1.23 -0.77	17.28 1.23 -0.84	17.51 1.37 -0.87	18.04 1.55 -0.23	19.68 1.51 -1.89	20.36 1.56 -2.41	21.32 1.62 -2.30	27.50 1.78 -7.37	27.78 1.80 -6.21	29.32 1.83 -7.20	32.78 2.32 -6.52	37.04 2.92 -3.74	35.10 2.83 -2.50	37.47 2.94 -2.88	33.03 2.33 -3.61	29.37 2.01 -4.80	24.91 1.86 -1.94	22.53 1.68 -0.83
CALPINE BETH_PAGE_GT4 24209	19.24 1.33 0.00	17.39 0.98 0.00	16.29 0.83 0.00	15.11 0.72 0.00	15.42 0.78 0.00	16.29 1.04 0.00	17.82 1.06 -0.77	17.09 1.05 -0.84	17.31 1.18 -0.87	17.84 1.35 -0.23	19.53 1.37 -1.89	20.21 1.41 -2.41	21.16 1.46 -2.30	27.27 1.54 -7.37	27.60 1.62 -6.21	29.13 1.64 -7.20	32.54 2.08 -6.52	36.60 2.49 -3.74	34.67 2.41 -2.50	37.08 2.56 -2.87	32.70 2.00 -3.61	29.10 1.74 -4.80	24.62 1.56 -1.94	22.23 1.38 -0.83
CALPINE_BETH_PAGE_GT_4 323586	19.24 1.33 0.00	17.39 0.98 0.00	16.29 0.83 0.00	15.12 0.72 -0.01	15.42 0.78 0.00	16.29 1.04 0.00	17.81 1.04 -0.77	17.09 1.05 -0.84	17.32 1.18 -0.87	17.84 1.35 -0.23	19.53 1.37 -1.89	20.21 1.41 -2.41	21.16 1.46 -2.30	27.27 1.54 -7.37	27.60 1.62 -6.21	29.13 1.64 -7.20	32.57 2.11 -6.52	36.67 2.55 -3.74	34.70 2.44 -2.50	37.08 2.56 -2.87	32.73 2.03 -3.61	29.10 1.74 -4.80	24.62 1.56 -1.95	22.23 1.38 -0.83
CALPINE_BP_GT1 23823	19.24 1.33 0.00	17.39 0.98 0.00	16.29 0.83 0.00	15.12 0.72 -0.01	15.42 0.78 0.00	16.29 1.04 0.00	17.81 1.04 -0.77	17.09 1.05 -0.84	17.32 1.18 -0.87	17.84 1.35 -0.23	19.53 1.37 -1.89	20.21 1.41 -2.41	21.16 1.46 -2.30	27.27 1.54 -7.37	27.60 1.62 -6.21	29.13 1.64 -7.20	32.57 2.11 -6.52	36.67 2.55 -3.74	34.70 2.44 -2.50	37.08 2.56 -2.87	32.73 2.03 -3.61	29.10 1.74 -4.80	24.62 1.56 -1.95	22.23 1.38 -0.83
CALSPAN___DRP 24200	18.31 0.39 0.00	16.82 0.41 0.00	15.83 0.37 0.00	14.75 0.36 0.00	15.01 0.37 0.00	15.50 0.24 0.00	16.04 -0.02 -0.05	15.11 -0.15 -0.06	15.10 -0.23 -0.06	16.10 -0.18 -0.02	16.24 -0.03 0.00	16.23 -0.16 0.00	17.30 -0.10 0.00	18.06 -0.29 0.00	19.43 -0.34 0.00	19.98 -0.30 0.00	23.32 -0.74 -0.13	29.77 -0.61 0.00	28.73 -1.10 -0.07	30.76 -0.89 0.00	26.90 -0.19 0.00	22.47 -0.09 0.00	20.86 -0.25 0.00	20.32 0.30 0.00
CALVERTON___SOLAR 323806	19.59 1.68 0.00	17.67 1.26 0.00	16.51 1.05 0.00	15.31 0.91 0.00	15.64 1.00 0.00	16.60 1.34 0.00	18.12 1.36 -0.77	17.40 1.35 -0.84	17.64 1.50 -0.87	18.17 1.68 -0.23	19.81 1.64 -1.89	20.47 1.67 -2.41	21.44 1.74 -2.30	27.65 1.93 -7.37	27.96 1.98 -6.21	29.50 2.01 -7.20	33.02 2.56 -6.52	37.37 3.25 -3.74	35.42 3.15 -2.50	37.82 3.29 -2.88	33.30 2.60 -3.61	29.62 2.26 -4.80	25.13 2.07 -1.94	22.73 1.88 -0.83
CANDIGU_WT_PWR 323617	18.29 0.38 0.00	16.79 0.38 0.00	15.78 0.33 0.00	14.71 0.32 0.00	14.98 0.34 0.00	15.50 0.24 0.00	16.15 0.08 -0.07	15.30 0.02 -0.08	15.32 -0.03 -0.08	16.30 0.02 -0.02	16.39 0.11 0.00	16.39 0.00 0.00	17.49 0.09 0.00	18.34 -0.02 0.00	19.65 -0.12 0.00	20.23 -0.06 0.00	23.89 -0.22 -0.18	30.37 0.00 0.00	29.62 -0.24 -0.10	31.33 -0.32 0.00	27.36 0.27 0.00	22.81 0.25 0.00	21.20 0.08 0.00	20.40 0.38 0.00

CARR STREET_E_SYR 24060	17.88 -0.04 0.00	16.39 -0.02 0.00	15.43 -0.03 0.00	14.37 -0.03 0.00	14.63 -0.01 0.00	15.21 -0.05 0.00	15.97 -0.06 -0.03	15.18 -0.06 -0.03	15.21 -0.09 -0.04	16.16 -0.11 -0.01	16.18 -0.10 0.00	16.28 -0.11 0.00	17.31 -0.09 0.00	18.23 -0.13 0.00	19.61 -0.16 0.00	20.12 -0.16 0.00	23.82 -0.19 -0.07	30.07 -0.30 0.00	29.51 -0.30 -0.04	31.30 -0.35 0.00	26.98 -0.11 0.00	22.54 -0.02 0.00	21.03 -0.08 0.00	20.04 0.02 0.00
CARTHAGE___PAPER 23857	17.84 -0.07 0.00	16.36 -0.05 0.00	15.35 -0.11 0.00	14.28 -0.12 0.00	14.56 -0.09 0.00	15.18 -0.08 0.00	15.97 -0.05 -0.02	15.20 -0.02 -0.02	15.25 -0.03 -0.02	16.19 -0.08 0.00	16.16 -0.11 0.00	16.28 -0.11 0.00	17.30 -0.10 0.00	18.23 -0.13 0.00	19.63 -0.14 0.00	20.17 -0.12 0.00	23.93 -0.05 -0.04	30.50 0.12 0.00	30.02 0.24 -0.02	31.93 0.28 0.00	27.39 0.30 0.00	22.81 0.25 0.00	21.22 0.11 0.00	20.04 0.02 0.00
CASSADAGA_WT_PWR 323784	18.70 0.79 0.00	17.18 0.77 0.00	16.17 0.71 0.00	15.10 0.71 0.00	15.35 0.70 0.00	15.83 0.58 0.00	16.36 0.30 -0.06	15.46 0.20 -0.06	15.48 0.15 -0.07	16.54 0.26 -0.02	16.73 0.46 0.00	16.69 0.30 0.00	17.85 0.45 0.00	18.74 0.39 0.00	19.95 0.18 0.00	20.57 0.28 0.00	23.95 -0.12 -0.14	30.68 0.30 0.00	29.66 -0.18 -0.08	31.52 -0.13 0.00	27.74 0.65 0.00	23.13 0.56 0.00	21.38 0.27 0.00	20.76 0.74 0.00
CE_DUNWOOD___DRP 24194	18.81 0.90 0.00	17.15 0.74 0.00	16.17 0.71 0.00	15.06 0.66 0.00	15.30 0.66 0.00	15.99 0.73 0.00	17.53 0.77 -0.76	16.79 0.74 -0.84	16.94 0.81 -0.87	17.40 0.91 -0.22	17.20 0.93 0.00	17.36 0.97 0.00	18.39 0.99 0.00	19.46 1.10 0.00	20.96 1.19 0.00	21.48 1.20 0.00	26.34 1.56 -0.85	32.14 1.76 0.00	31.93 1.70 -0.48	33.45 1.80 0.00	28.50 1.41 0.00	23.78 1.22 0.00	22.12 1.01 0.00	20.88 0.86 0.00
CE_MILLWOOD___DRP 24193	18.77 0.86 0.00	17.12 0.71 0.00	16.14 0.68 0.00	15.04 0.65 0.00	15.29 0.64 0.00	15.96 0.70 0.00	17.49 0.74 -0.76	16.75 0.71 -0.83	16.91 0.78 -0.86	17.37 0.88 -0.22	17.17 0.90 0.00	17.32 0.93 0.00	18.36 0.96 0.00	19.40 1.05 0.00	20.90 1.13 0.00	21.42 1.14 0.00	26.29 1.51 -0.85	32.08 1.70 0.00	31.90 1.67 -0.47	33.39 1.74 0.00	28.47 1.38 0.00	23.76 1.20 0.00	22.10 0.99 0.00	20.86 0.84 0.00
CE_NYC2_DRP 24202	18.86 0.95 0.00	17.18 0.77 0.00	16.20 0.74 0.00	15.07 0.68 0.00	15.33 0.69 0.00	15.99 0.73 0.00	17.57 0.80 -0.77	16.82 0.78 -0.84	17.02 0.89 -0.87	17.50 1.01 -0.23	17.32 1.04 0.00	17.51 1.11 0.00	18.57 1.17 0.00	19.64 1.28 0.00	21.17 1.40 0.00	21.63 1.34 0.00	26.58 1.80 -0.85	32.26 1.88 0.00	32.06 1.82 -0.48	33.55 1.90 0.00	28.58 1.49 0.00	23.90 1.33 0.00	22.23 1.12 0.00	20.94 0.92 0.00
CE_NYC_DRP 24195	18.86 0.95 0.00	17.18 0.77 0.00	16.22 0.76 0.00	15.10 0.71 0.00	15.36 0.72 0.00	16.02 0.76 0.00	17.58 0.82 -0.77	16.84 0.79 -0.84	17.02 0.89 -0.87	17.50 1.01 -0.23	17.32 1.04 0.00	17.49 1.10 0.00	18.53 1.13 0.00	19.60 1.25 0.00	21.11 1.34 0.00	21.61 1.32 0.00	26.51 1.72 -0.85	32.20 1.82 0.00	32.00 1.76 -0.48	33.48 1.84 0.00	28.55 1.46 0.00	23.87 1.31 0.00	22.23 1.12 0.00	20.94 0.92 0.00
CHAFTEE___LFGE 323603	18.29 0.38 0.00	16.80 0.39 0.00	15.81 0.36 0.00	14.77 0.37 0.00	14.99 0.35 0.00	15.48 0.23 0.00	16.01 -0.05 -0.06	15.08 -0.18 -0.06	15.08 -0.24 -0.06	16.10 -0.18 -0.02	16.26 -0.02 0.00	16.24 -0.15 0.00	17.36 -0.03 0.00	18.23 -0.13 0.00	19.43 -0.34 0.00	20.02 -0.26 0.00	23.35 -0.72 -0.13	29.80 -0.58 0.00	28.88 -0.95 -0.07	30.63 -1.01 0.00	26.93 -0.16 0.00	22.50 -0.07 0.00	20.86 -0.25 0.00	20.32 0.30 0.00
CHATEAUG_35_KV_LOAD 355732	17.55 -0.36 0.00	16.10 -0.31 0.00	15.15 -0.31 0.00	14.09 -0.30 0.00	14.37 -0.28 0.00	15.07 -0.18 0.00	15.90 -0.10 0.00	15.14 -0.06 0.00	15.28 0.02 0.00	16.36 0.10 0.00	16.44 0.16 0.00	16.59 0.20 0.00	17.61 0.21 0.00	18.54 0.18 0.00	20.07 0.30 0.00	20.63 0.34 0.00	24.20 0.26 0.00	30.77 0.39 0.00	30.21 0.45 0.00	32.18 0.54 0.00	27.39 0.30 0.00	22.74 0.18 0.00	21.36 0.25 0.00	20.06 0.04 0.00
CHATEAUG_WT_PWR 323614	17.57 -0.34 0.00	16.10 -0.31 0.00	15.15 -0.31 0.00	14.08 -0.32 0.00	14.37 -0.28 0.00	15.07 -0.18 0.00	15.90 -0.10 0.00	15.14 -0.06 0.00	15.28 0.02 0.00	16.36 0.10 0.00	16.42 0.15 0.00	16.59 0.20 0.00	17.54 0.14 0.00	18.56 0.20 0.00	20.07 0.30 0.00	20.63 0.34 0.00	24.20 0.26 0.00	30.80 0.43 0.00	30.21 0.45 0.00	32.22 0.57 0.00	27.39 0.30 0.00	22.74 0.18 0.00	21.34 0.23 0.00	20.06 0.04 0.00
CHAT_HIGH_FALL_HYD 323578	17.57 -0.34 0.00	16.10 -0.31 0.00	15.15 -0.31 0.00	14.09 -0.30 0.00	14.37 -0.28 0.00	15.07 -0.18 0.00	15.90 -0.10 0.00	15.14 -0.06 0.00	15.28 0.02 0.00	16.36 0.10 0.00	16.44 0.16 0.00	16.59 0.20 0.00	17.54 0.14 0.00	18.54 0.18 0.00	20.07 0.30 0.00	20.63 0.34 0.00	24.20 0.26 0.00	30.80 0.43 0.00	30.21 0.45 0.00	32.22 0.57 0.00	27.39 0.30 0.00	22.74 0.18 0.00	21.37 0.25 0.00	20.06 0.04 0.00
CHAUTAUQUA___LFGE 323629	18.54 0.63 0.00	17.03 0.62 0.00	16.03 0.57 0.00	14.97 0.58 0.00	15.21 0.57 0.00	15.70 0.44 0.00	16.25 0.19 -0.06	15.33 0.06 -0.06	15.35 0.02 -0.06	16.35 0.07 -0.02	16.52 0.24 0.00	16.49 0.10 0.00	17.64 0.24 0.00	18.50 0.15 0.00	19.73 -0.04 0.00	20.33 0.04 0.00	23.73 -0.34 -0.13	30.28 -0.09 0.00	29.36 -0.48 -0.08	31.14 -0.51 0.00	27.36 0.27 0.00	22.86 0.29 0.00	21.17 0.06 0.00	20.58 0.56 0.00
CHERRYST_13_KV_LD 356241	18.90 0.99 0.00	17.21 0.80 0.00	16.25 0.79 0.00	15.13 0.73 0.00	15.39 0.75 0.00	16.05 0.79 0.00	17.63 0.86 -0.77	16.87 0.82 -0.84	17.07 0.93 -0.87	17.55 1.06 -0.23	17.35 1.07 0.00	17.54 1.15 0.00	18.58 1.18 0.00	19.66 1.30 0.00	21.17 1.40 0.00	21.65 1.36 0.00	26.58 1.80 -0.85	32.29 1.91 0.00	32.08 1.85 -0.48	33.58 1.93 0.00	28.61 1.52 0.00	23.92 1.35 0.00	22.27 1.16 0.00	21.00 0.98 0.00
CHESTROR_138KV_BK263 355645	18.59 0.68 0.00	16.97 0.56 0.00	16.00 0.54 0.00	14.90 0.50 0.00	15.14 0.50 0.00	15.79 0.53 0.00	17.22 0.54 -0.67	16.49 0.55 -0.74	16.63 0.60 -0.77	17.11 0.65 -0.20	16.94 0.67 0.00	17.08 0.69 0.00	18.10 0.70 0.00	19.13 0.77 0.00	20.60 0.83 0.00	21.14 0.85 0.00	25.86 1.15 -0.78	31.68 1.31 0.00	31.48 1.28 -0.43	33.01 1.36 0.00	28.17 1.08 0.00	23.49 0.93 0.00	21.87 0.76 0.00	20.64 0.62 0.00
CH_MIDHUDSON___DRP 24192	18.77 0.86 0.00	17.12 0.71 0.00	16.14 0.68 0.00	15.04 0.65 0.00	15.29 0.64 0.00	15.94 0.69 0.00	17.49 0.70 -0.79	16.76 0.68 -0.87	16.90 0.73 -0.90	17.30 0.80 -0.23	17.07 0.80 0.00	17.23 0.84 0.00	18.25 0.85 0.00	19.29 0.94 0.00	20.78 1.01 0.00	21.34 1.05 0.00	26.20 1.39 -0.87	31.98 1.61 0.00	31.83 1.58 -0.49	33.36 1.71 0.00	28.42 1.33 0.00	23.69 1.13 0.00	22.04 0.93 0.00	20.80 0.78 0.00

CH_MISC_IPPS 23765	18.82 0.91 0.00	17.17 0.76 0.00	16.17 0.71 0.00	15.06 0.66 -0.01	15.32 0.67 0.00	15.97 0.72 0.00	17.49 0.72 -0.77	16.75 0.70 -0.84	16.90 0.76 -0.87	17.30 0.81 -0.23	17.11 0.83 0.00	17.24 0.85 0.00	18.29 0.89 0.00	19.35 0.99 0.00	20.82 1.05 0.00	21.38 1.09 0.00	26.25 1.46 -0.85	32.14 1.76 0.00	31.94 1.70 -0.48	33.48 1.83 0.00	28.55 1.46 0.00	23.80 1.24 0.00	22.10 0.99 0.00	20.88 0.86 0.00
CH_RES_BVR_FALLS 23983	17.68 -0.23 0.00	16.20 -0.21 0.00	15.24 -0.22 0.00	14.19 -0.20 0.00	14.44 -0.21 0.00	15.06 -0.20 0.00	15.82 -0.18 0.00	15.04 -0.17 0.00	15.10 -0.17 0.00	16.10 -0.16 0.00	16.11 -0.16 0.00	16.23 -0.16 0.00	17.23 -0.17 0.00	18.17 -0.18 0.00	19.59 -0.18 0.00	20.10 -0.18 0.00	23.65 -0.29 0.00	30.04 -0.33 0.00	29.44 -0.33 0.00	31.33 -0.32 0.00	26.76 -0.32 0.00	22.29 -0.27 0.00	20.92 -0.19 0.00	19.80 -0.22 0.00
CH_RES_NIAGARA 23895	17.93 0.02 0.00	16.54 0.13 0.00	15.55 0.09 0.00	14.58 0.19 0.00	14.82 0.18 0.00	15.09 -0.17 0.00	15.81 -0.24 -0.05	14.79 -0.47 -0.06	14.74 -0.58 -0.06	15.61 -0.67 -0.01	15.75 -0.52 0.00	15.75 -0.64 0.00	16.83 -0.57 0.00	17.64 -0.72 0.00	18.86 -0.91 0.00	19.40 -0.89 0.00	22.76 -1.29 -0.12	28.73 -1.64 0.00	28.07 -1.76 -0.07	29.72 -1.93 0.00	25.95 -1.14 0.00	21.75 -0.81 0.00	20.23 -0.89 0.00	19.90 -0.12 0.00
CH_RES_SYRACUSE 23985	18.04 0.13 0.00	16.54 0.13 0.00	15.57 0.11 0.00	14.50 0.10 0.00	14.76 0.12 0.00	15.33 0.08 0.00	16.11 0.08 -0.03	15.32 0.08 -0.04	15.35 0.05 -0.04	16.31 0.03 0.00	16.34 0.07 0.00	16.42 0.03 0.00	17.49 0.09 0.00	18.39 0.04 0.00	19.79 0.02 0.00	20.31 0.02 0.00	24.09 0.07 -0.08	30.53 0.15 0.00	29.96 0.15 -0.05	31.77 0.13 0.00	27.36 0.27 0.00	22.79 0.23 0.00	21.26 0.15 0.00	20.24 0.22 0.00
CLINTON_WT_PWR 323605	17.57 -0.34 0.00	16.10 -0.31 0.00	15.15 -0.31 0.00	14.08 -0.32 0.00	14.37 -0.28 0.00	15.07 -0.18 0.00	15.90 -0.10 0.00	15.14 -0.06 0.00	15.28 0.02 0.00	16.36 0.10 0.00	16.42 0.15 0.00	16.59 0.20 0.00	17.54 0.14 0.00	18.56 0.20 0.00	20.07 0.30 0.00	20.63 0.34 0.00	24.20 0.26 0.00	30.80 0.43 0.00	30.21 0.45 0.00	32.22 0.57 0.00	27.39 0.30 0.00	22.74 0.18 0.00	21.34 0.23 0.00	20.06 0.04 0.00
CLINTON__LFGE 323618	17.70 -0.21 0.00	16.21 -0.20 0.00	15.26 -0.20 0.00	14.18 -0.22 0.00	14.47 -0.18 0.00	15.19 -0.06 0.00	16.03 0.03 0.00	15.28 0.08 0.00	15.42 0.15 0.00	16.51 0.24 0.00	16.58 0.31 0.00	16.77 0.38 0.00	17.71 0.31 0.00	18.72 0.37 0.00	20.28 0.51 0.00	20.88 0.59 0.00	24.49 0.55 0.00	31.20 0.82 0.00	30.59 0.83 0.00	32.66 1.01 0.00	27.74 0.65 0.00	23.02 0.45 0.00	21.60 0.49 0.00	20.26 0.24 0.00
COBBLENY_34_KV_TB1 80064	18.31 0.39 0.00	16.80 0.39 0.00	15.81 0.36 0.00	14.74 0.35 0.00	15.00 0.35 0.00	15.48 0.23 0.00	16.01 -0.05 -0.06	15.08 -0.18 -0.06	15.08 -0.24 -0.06	16.10 -0.18 -0.02	16.26 -0.02 0.00	16.24 -0.15 0.00	17.31 -0.09 0.00	18.08 -0.28 0.00	19.43 -0.34 0.00	19.98 -0.30 0.00	23.33 -0.74 -0.13	29.80 -0.58 0.00	28.74 -1.10 -0.07	30.82 -0.82 0.00	26.95 -0.14 0.00	22.50 -0.07 0.00	20.86 -0.25 0.00	20.32 0.30 0.00
COFFEEN__115KV_TB3 355620	18.14 0.23 0.00	16.66 0.25 0.00	15.61 0.15 0.00	14.51 0.12 0.00	14.82 0.18 0.00	15.42 0.17 0.00	16.23 0.21 -0.02	15.47 0.24 -0.02	15.48 0.20 -0.02	16.43 0.16 -0.01	16.39 0.11 0.00	16.51 0.11 0.00	17.56 0.16 0.00	18.54 0.18 0.00	19.89 0.12 0.00	20.43 0.14 0.00	24.31 0.34 -0.05	31.04 0.67 0.00	30.59 0.80 -0.03	32.53 0.89 0.00	27.96 0.87 0.00	23.26 0.70 0.00	21.62 0.51 0.00	20.42 0.40 0.00
COLDSPRG_115KV_BK1 355956	18.66 0.75 0.00	17.13 0.72 0.00	16.14 0.68 0.00	15.03 0.63 0.00	15.30 0.66 0.00	15.79 0.53 0.00	16.22 0.16 -0.06	15.36 0.09 -0.07	15.39 0.06 -0.07	16.53 0.24 -0.02	16.71 0.44 0.00	16.65 0.26 0.00	17.76 0.37 0.00	18.52 0.17 0.00	19.89 0.12 0.00	20.47 0.18 0.00	23.74 -0.34 -0.14	30.62 0.24 0.00	29.33 -0.51 -0.08	31.74 0.09 0.00	27.71 0.62 0.00	23.08 0.52 0.00	21.34 0.23 0.00	20.68 0.66 0.00
COLONIE_LFGE__ 323577	18.63 0.72 0.00	17.05 0.64 0.00	16.09 0.63 0.00	15.02 0.62 -0.01	15.24 0.60 0.00	15.88 0.63 0.00	17.67 0.67 -1.00	16.95 0.65 -1.10	17.01 0.61 -1.14	17.21 0.65 -0.29	16.84 0.57 0.00	16.98 0.59 0.00	17.97 0.57 0.00	19.03 0.68 0.00	20.52 0.75 0.00	21.12 0.83 0.00	26.13 1.08 -1.11	31.83 1.46 0.00	31.81 1.43 -0.62	33.17 1.52 0.00	28.28 1.19 0.00	23.49 0.93 0.00	21.89 0.78 0.00	20.68 0.66 0.00
COOPERNY_115KV_TB1 80082	18.40 0.48 0.00	16.80 0.39 0.00	15.84 0.39 0.00	14.74 0.35 0.00	15.00 0.35 0.00	15.64 0.38 0.00	16.84 0.40 -0.44	16.09 0.40 -0.49	16.20 0.43 -0.51	16.87 0.47 -0.13	16.76 0.49 0.00	16.88 0.49 0.00	17.90 0.50 0.00	18.91 0.55 0.00	20.36 0.59 0.00	20.90 0.61 0.00	25.38 0.86 -0.58	31.35 0.97 0.00	31.04 0.95 -0.32	32.66 1.01 0.00	27.90 0.81 0.00	23.29 0.72 0.00	21.68 0.57 0.00	20.50 0.48 0.00
COPENHAGEN_WT_PWR 323753	18.04 0.13 0.00	16.54 0.13 0.00	15.52 0.06 0.00	14.44 0.04 0.00	14.73 0.09 0.00	15.33 0.08 0.00	16.13 0.11 -0.02	15.36 0.14 -0.02	15.38 0.09 -0.02	16.34 0.07 -0.01	16.31 0.03 0.00	16.41 0.02 0.00	17.47 0.07 0.00	18.37 0.02 0.00	19.79 0.02 0.00	20.31 0.02 0.00	24.13 0.14 -0.05	30.74 0.37 0.00	30.26 0.47 -0.03	32.18 0.54 0.00	27.66 0.57 0.00	23.04 0.47 0.00	21.43 0.32 0.00	20.28 0.26 0.00
CORNELL____ 23752	18.32 0.41 0.00	16.80 0.39 0.00	15.80 0.34 0.00	14.71 0.32 0.00	14.98 0.34 0.00	15.58 0.32 0.00	16.39 0.32 -0.08	15.60 0.32 -0.08	15.63 0.27 -0.09	16.56 0.28 -0.02	16.55 0.28 0.00	16.64 0.25 0.00	17.70 0.30 0.00	18.65 0.29 0.00	20.05 0.28 0.00	20.61 0.32 0.00	24.61 0.50 -0.18	31.19 0.82 0.00	30.60 0.74 -0.10	32.47 0.82 0.00	27.96 0.87 0.00	23.24 0.68 0.00	21.64 0.53 0.00	20.58 0.56 0.00
CORONAAV_69_KV_TB1 355595	19.18 1.27 0.00	17.36 0.95 0.00	16.28 0.82 0.00	15.11 0.72 0.00	15.41 0.76 0.00	16.25 0.99 0.00	17.79 1.02 -0.77	17.05 1.00 -0.84	17.27 1.13 -0.87	17.78 1.28 -0.23	19.48 1.32 -1.89	20.16 1.36 -2.41	21.11 1.41 -2.30	27.25 1.52 -7.37	27.64 1.66 -6.21	29.15 1.66 -7.20	32.57 2.11 -6.52	36.63 2.52 -3.74	34.70 2.44 -2.50	37.08 2.56 -2.87	32.73 2.03 -3.61	29.13 1.76 -4.80	24.64 1.58 -1.94	22.23 1.38 -0.83
CORTLAND_115KV_TB3 80093	18.16 0.25 0.00	16.66 0.25 0.00	15.67 0.22 0.00	14.60 0.20 0.00	14.86 0.22 0.00	15.45 0.20 0.00	16.24 0.18 -0.06	15.45 0.18 -0.07	15.49 0.15 -0.07	16.43 0.15 -0.02	16.44 0.16 0.00	16.52 0.13 0.00	17.57 0.17 0.00	18.52 0.17 0.00	19.91 0.14 0.00	20.45 0.16 0.00	24.37 0.29 -0.14	30.83 0.46 0.00	30.26 0.42 -0.08	32.12 0.47 0.00	27.63 0.54 0.00	22.99 0.43 0.00	21.43 0.32 0.00	20.38 0.36 0.00

COXSACKIE___GT 23611	18.86 0.95 0.00	17.31 0.90 0.00	16.28 0.82 0.00	15.21 0.81 -0.01	15.43 0.79 0.00	16.06 0.81 0.00	17.66 0.74 -0.93	16.89 0.67 -1.02	16.95 0.63 -1.06	17.16 0.62 -0.27	16.78 0.51 0.00	16.88 0.49 0.00	17.96 0.56 0.00	19.11 0.75 0.00	20.54 0.77 0.00	21.26 0.97 0.00	26.18 1.22 -1.03	32.26 1.88 0.00	32.18 1.85 -0.57	33.77 2.12 0.00	28.80 1.71 0.00	23.83 1.26 0.00	22.06 0.95 0.00	20.82 0.80 0.00
CPV_VALLEY___CC1 323721	18.47 0.56 0.00	16.85 0.44 0.00	15.89 0.43 0.00	14.80 0.40 0.00	15.05 0.41 0.00	15.70 0.44 0.00	17.04 0.45 -0.59	16.30 0.44 -0.65	16.44 0.50 -0.68	16.99 0.55 -0.17	16.84 0.57 0.00	16.98 0.59 0.00	17.99 0.59 0.00	19.01 0.66 0.00	20.48 0.71 0.00	21.00 0.71 0.00	25.62 0.98 -0.71	31.50 1.12 0.00	31.23 1.07 -0.39	32.78 1.14 0.00	27.98 0.89 0.00	23.33 0.77 0.00	21.74 0.63 0.00	20.54 0.52 0.00
CPV_VALLEY___CC2 323722	18.47 0.56 0.00	16.85 0.44 0.00	15.89 0.43 0.00	14.80 0.40 0.00	15.05 0.41 0.00	15.70 0.44 0.00	17.04 0.45 -0.59	16.30 0.44 -0.65	16.44 0.50 -0.68	16.99 0.55 -0.17	16.84 0.57 0.00	16.98 0.59 0.00	17.99 0.59 0.00	19.01 0.66 0.00	20.48 0.71 0.00	21.00 0.71 0.00	25.62 0.98 -0.71	31.50 1.12 0.00	31.23 1.07 -0.39	32.78 1.14 0.00	27.98 0.89 0.00	23.33 0.77 0.00	21.74 0.63 0.00	20.54 0.52 0.00
CRESCENT___HYD 24018	18.63 0.72 0.00	17.05 0.64 0.00	16.09 0.63 0.00	15.02 0.62 -0.01	15.24 0.60 0.00	15.88 0.63 0.00	17.67 0.67 -1.00	16.95 0.65 -1.10	17.01 0.61 -1.14	17.21 0.65 -0.29	16.84 0.57 0.00	16.98 0.59 0.00	17.97 0.57 0.00	19.03 0.68 0.00	20.52 0.75 0.00	21.12 0.83 0.00	26.13 1.08 -1.11	31.83 1.46 0.00	31.81 1.43 -0.62	33.17 1.52 0.00	28.28 1.19 0.00	23.49 0.93 0.00	21.89 0.78 0.00	20.68 0.66 0.00
CRICKET___VALLEY_CC1 323756	18.61 0.70 0.00	16.98 0.57 0.00	16.03 0.57 0.00	14.95 0.55 -0.01	15.19 0.54 0.00	15.83 0.58 0.00	17.44 0.61 -0.83	16.72 0.61 -0.91	16.84 0.63 -0.95	17.19 0.68 -0.24	16.93 0.65 0.00	17.08 0.69 0.00	18.06 0.66 0.00	19.09 0.73 0.00	20.54 0.77 0.00	21.12 0.83 0.00	25.97 1.13 -0.91	31.74 1.37 0.00	31.58 1.31 -0.51	33.01 1.36 0.00	28.12 1.03 0.00	23.44 0.88 0.00	21.81 0.70 0.00	20.60 0.58 0.00
CRICKET___VALLEY_CC2 323757	18.61 0.70 0.00	16.98 0.57 0.00	16.03 0.57 0.00	14.95 0.55 -0.01	15.19 0.54 0.00	15.83 0.58 0.00	17.44 0.61 -0.83	16.72 0.61 -0.91	16.84 0.63 -0.95	17.19 0.68 -0.24	16.93 0.65 0.00	17.08 0.69 0.00	18.06 0.66 0.00	19.09 0.73 0.00	20.54 0.77 0.00	21.12 0.83 0.00	25.97 1.13 -0.91	31.74 1.37 0.00	31.58 1.31 -0.51	33.01 1.36 0.00	28.12 1.03 0.00	23.44 0.88 0.00	21.81 0.70 0.00	20.60 0.58 0.00
CRICKET___VALLEY_CC3 323758	18.61 0.70 0.00	16.98 0.57 0.00	16.03 0.57 0.00	14.95 0.55 -0.01	15.19 0.54 0.00	15.83 0.58 0.00	17.44 0.61 -0.83	16.72 0.61 -0.91	16.84 0.63 -0.95	17.19 0.68 -0.24	16.93 0.65 0.00	17.08 0.69 0.00	18.06 0.66 0.00	19.09 0.73 0.00	20.54 0.77 0.00	21.12 0.83 0.00	25.97 1.13 -0.91	31.74 1.37 0.00	31.58 1.31 -0.51	33.01 1.36 0.00	28.12 1.03 0.00	23.44 0.88 0.00	21.81 0.70 0.00	20.60 0.58 0.00
CRUCIBLE_METL_DRP 24180	18.04 0.13 0.00	16.54 0.13 0.00	15.57 0.11 0.00	14.50 0.10 0.00	14.76 0.12 0.00	15.33 0.08 0.00	16.11 0.08 -0.03	15.32 0.08 -0.04	15.35 0.05 -0.04	16.31 0.03 -0.01	16.34 0.07 0.00	16.42 0.03 0.00	17.47 0.07 0.00	18.41 0.06 0.00	19.79 0.02 0.00	20.31 0.02 0.00	24.11 0.10 -0.08	30.59 0.21 0.00	29.99 0.18 -0.05	31.81 0.16 0.00	27.39 0.30 0.00	22.79 0.23 0.00	21.26 0.15 0.00	20.24 0.22 0.00
DAHOWA___HYDRO 323763	18.97 1.06 0.00	17.34 0.93 0.00	16.39 0.93 0.00	15.28 0.88 -0.01	15.51 0.86 0.00	16.17 0.92 0.00	17.99 0.98 -1.01	17.23 0.91 -1.11	17.27 0.85 -1.15	17.46 0.89 -0.30	17.02 0.75 0.00	17.14 0.75 0.00	18.15 0.75 0.00	19.24 0.88 0.00	20.82 1.05 0.00	21.44 1.16 0.00	26.55 1.48 -1.13	32.41 2.04 0.00	32.45 2.05 -0.63	33.96 2.31 0.00	28.98 1.90 0.00	24.03 1.47 0.00	22.38 1.27 0.00	21.12 1.10 0.00
DANC___LFGE 323619	18.02 0.11 0.00	16.53 0.12 0.00	15.52 0.06 0.00	14.44 0.04 0.00	14.73 0.09 0.00	15.32 0.06 0.00	16.12 0.10 -0.02	15.33 0.11 -0.02	15.37 0.08 -0.03	16.32 0.05 -0.01	16.31 0.03 0.00	16.41 0.02 0.00	17.45 0.05 0.00	18.35 0.00 0.00	19.75 -0.02 0.00	20.27 -0.02 0.00	24.04 0.05 -0.05	30.59 0.21 0.00	30.09 0.30 -0.03	31.96 0.32 0.00	27.47 0.38 0.00	22.90 0.34 0.00	21.37 0.25 0.00	20.24 0.22 0.00
DANSKAMMER___1 23586	18.82 0.91 0.00	17.17 0.76 0.00	16.17 0.71 0.00	15.06 0.66 -0.01	15.32 0.67 0.00	15.97 0.72 0.00	17.49 0.72 -0.77	16.75 0.70 -0.84	16.90 0.76 -0.87	17.30 0.81 -0.23	17.11 0.83 0.00	17.24 0.85 0.00	18.29 0.89 0.00	19.35 0.99 0.00	20.82 1.05 0.00	21.38 1.09 0.00	26.25 1.46 -0.85	32.14 1.76 0.00	31.94 1.70 -0.48	33.48 1.83 0.00	28.55 1.46 0.00	23.80 1.24 0.00	22.10 0.99 0.00	20.88 0.86 0.00
DANSKAMMER___2 23589	18.82 0.91 0.00	17.17 0.76 0.00	16.17 0.71 0.00	15.06 0.66 -0.01	15.32 0.67 0.00	15.97 0.72 0.00	17.49 0.72 -0.77	16.75 0.70 -0.84	16.90 0.76 -0.87	17.30 0.81 -0.23	17.11 0.83 0.00	17.24 0.85 0.00	18.29 0.89 0.00	19.35 0.99 0.00	20.82 1.05 0.00	21.38 1.09 0.00	26.25 1.46 -0.85	32.14 1.76 0.00	31.94 1.70 -0.48	33.48 1.83 0.00	28.55 1.46 0.00	23.80 1.24 0.00	22.10 0.99 0.00	20.88 0.86 0.00
DANSKAMMER___3 23590	18.82 0.91 0.00	17.17 0.76 0.00	16.17 0.71 0.00	15.06 0.66 -0.01	15.32 0.67 0.00	15.97 0.72 0.00	17.49 0.72 -0.77	16.75 0.70 -0.84	16.90 0.76 -0.87	17.30 0.81 -0.23	17.11 0.83 0.00	17.24 0.85 0.00	18.29 0.89 0.00	19.35 0.99 0.00	20.82 1.05 0.00	21.38 1.09 0.00	26.25 1.46 -0.85	32.14 1.76 0.00	31.94 1.70 -0.48	33.48 1.83 0.00	28.55 1.46 0.00	23.80 1.24 0.00	22.10 0.99 0.00	20.88 0.86 0.00
DANSKAMMER___4 23591	18.82 0.91 0.00	17.17 0.76 0.00	16.17 0.71 0.00	15.06 0.66 -0.01	15.32 0.67 0.00	15.97 0.72 0.00	17.49 0.72 -0.77	16.75 0.70 -0.84	16.90 0.76 -0.87	17.30 0.81 -0.23	17.11 0.83 0.00	17.24 0.85 0.00	18.29 0.89 0.00	19.35 0.99 0.00	20.82 1.05 0.00	21.38 1.09 0.00	26.25 1.46 -0.85	32.14 1.76 0.00	31.94 1.70 -0.48	33.48 1.83 0.00	28.55 1.46 0.00	23.80 1.24 0.00	22.10 0.99 0.00	20.88 0.86 0.00
DANSKAMMER___DIESEL 23592	18.83 0.91 0.00	17.16 0.75 0.00	16.17 0.71 0.00	15.07 0.68 0.00	15.32 0.67 0.00	15.97 0.72 0.00	17.49 0.72 -0.77	16.75 0.70 -0.84	16.90 0.76 -0.87	17.30 0.81 -0.23	17.11 0.83 0.00	17.24 0.85 0.00	18.29 0.89 0.00	19.35 0.99 0.00	20.82 1.05 0.00	21.40 1.12 0.00	26.25 1.46 -0.85	32.11 1.73 0.00	31.94 1.70 -0.48	33.48 1.84 0.00	28.55 1.46 0.00	23.81 1.24 0.00	22.10 0.99 0.00	20.88 0.86 0.00

DARBY___SOLAR 323810	18.91 1.00 0.00	17.30 0.89 0.00	16.32 0.87 0.00	15.22 0.82 -0.01	15.45 0.80 0.00	16.11 0.85 0.00	17.92 0.91 -1.01	17.18 0.87 -1.11	17.24 0.82 -1.15	17.42 0.86 -0.30	17.01 0.73 0.00	17.13 0.74 0.00	18.13 0.73 0.00	19.22 0.86 0.00	20.78 1.01 0.00	21.38 1.09 0.00	26.48 1.41 -1.13	32.29 1.91 0.00	32.33 1.93 -0.63	33.80 2.15 0.00	28.85 1.76 0.00	23.94 1.38 0.00	22.29 1.18 0.00	21.04 1.02 0.00
DASHVILLE___HYD 23610	18.66 0.75 0.00	17.02 0.61 0.00	16.03 0.57 0.00	14.94 0.55 0.00	15.19 0.54 0.00	15.83 0.58 0.00	17.26 0.46 -0.79	16.52 0.44 -0.87	16.67 0.50 -0.90	17.13 0.63 -0.23	16.93 0.65 0.00	17.06 0.67 0.00	18.08 0.68 0.00	19.11 0.75 0.00	20.56 0.79 0.00	21.14 0.85 0.00	25.82 1.01 -0.88	31.65 1.28 0.00	31.36 1.10 -0.49	32.98 1.33 0.00	28.14 1.06 0.00	23.49 0.93 0.00	21.85 0.74 0.00	20.66 0.64 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	19.99 2.08 0.00	18.02 1.61 0.00	16.82 1.36 0.00	15.56 1.17 0.00	15.92 1.27 0.00	16.93 1.68 0.00	18.48 1.71 -0.77	17.72 1.67 -0.84	17.97 1.83 -0.87	18.54 2.05 -0.23	20.18 2.02 -1.89	20.87 2.07 -2.41	21.86 2.16 -2.30	28.09 2.37 -7.37	28.49 2.51 -6.21	30.07 2.58 -7.20	33.69 3.23 -6.52	38.16 4.04 -3.75	36.20 3.93 -2.51	38.70 4.18 -2.88	34.00 3.30 -3.61	30.19 2.82 -4.80	25.61 2.55 -1.94	23.23 2.38 -0.83
DELAWARE___LFGE 323621	18.38 0.47 0.00	16.82 0.41 0.00	15.83 0.37 0.00	14.74 0.35 0.00	15.01 0.37 0.00	15.62 0.37 0.00	16.48 0.35 -0.13	15.71 0.36 -0.14	15.78 0.37 -0.14	16.71 0.41 -0.04	16.68 0.41 0.00	16.78 0.39 0.00	17.85 0.45 0.00	18.81 0.46 0.00	20.24 0.47 0.00	20.77 0.49 0.00	25.08 0.84 -0.31	31.44 1.06 0.00	30.98 1.04 -0.17	32.79 1.14 0.00	28.06 0.98 0.00	23.40 0.83 0.00	21.77 0.65 0.00	20.62 0.60 0.00
DERFIELD_115KV_TB7 355931	17.95 0.04 0.00	16.44 0.03 0.00	15.49 0.03 0.00	14.42 0.03 0.00	14.67 0.03 0.00	15.29 0.03 0.00	16.02 0.02 0.00	15.22 0.02 0.00	15.28 0.02 0.00	16.28 0.02 0.00	16.28 0.00 0.00	16.39 0.00 0.00	17.42 0.02 0.00	18.37 0.02 0.00	19.77 0.00 0.00	20.29 0.00 0.00	23.98 0.05 0.00	30.44 0.06 0.00	29.82 0.06 0.00	31.71 0.06 0.00	27.14 0.05 0.00	22.63 0.07 0.00	21.13 0.02 0.00	20.06 0.04 0.00
DOGLEVILLE___HYD 23807	17.91 0.00 0.00	16.43 0.02 0.00	15.49 0.03 0.00	14.44 0.04 0.00	14.70 0.06 0.00	15.32 0.06 0.00	16.08 0.08 0.00	15.29 0.09 0.00	15.37 0.11 0.00	16.40 0.13 0.00	16.34 0.07 0.00	16.46 0.07 0.00	17.49 0.09 0.00	18.43 0.07 0.00	19.87 0.10 0.00	20.39 0.10 0.00	24.12 0.19 0.00	30.62 0.24 0.00	30.03 0.27 0.00	31.93 0.28 0.00	27.36 0.27 0.00	22.86 0.29 0.00	21.32 0.21 0.00	20.20 0.18 0.00
DUNKIRK___115KV_TB_200 55889	18.52 0.61 0.00	17.00 0.59 0.00	16.00 0.54 0.00	14.91 0.52 0.00	15.19 0.54 0.00	15.67 0.41 0.00	16.22 0.16 -0.06	15.29 0.03 -0.06	15.30 -0.03 -0.06	16.31 0.03 -0.02	16.49 0.21 0.00	16.46 0.07 0.00	17.54 0.14 0.00	18.30 -0.06 0.00	19.69 -0.08 0.00	20.25 -0.04 0.00	23.64 -0.43 -0.13	30.19 -0.18 0.00	29.15 -0.68 -0.08	31.24 -0.41 0.00	27.31 0.22 0.00	22.79 0.23 0.00	21.11 0.00 0.00	20.54 0.52 0.00
DUNKIRK___1 23563	18.52 0.61 0.00	17.00 0.59 0.00	16.00 0.54 0.00	14.91 0.52 0.00	15.19 0.54 0.00	15.67 0.41 0.00	16.22 0.16 -0.06	15.29 0.03 -0.06	15.30 -0.03 -0.06	16.31 0.03 -0.02	16.49 0.21 0.00	16.46 0.07 0.00	17.54 0.14 0.00	18.30 -0.06 0.00	19.69 -0.08 0.00	20.25 -0.04 0.00	23.64 -0.43 -0.13	30.19 -0.18 0.00	29.15 -0.68 -0.08	31.24 -0.41 0.00	27.31 0.22 0.00	22.79 0.23 0.00	21.11 0.00 0.00	20.54 0.52 0.00
DUNKIRK___2 23564	18.52 0.61 0.00	17.00 0.59 0.00	16.00 0.54 0.00	14.91 0.52 0.00	15.19 0.54 0.00	15.67 0.41 0.00	16.22 0.16 -0.06	15.29 0.03 -0.06	15.30 -0.03 -0.06	16.31 0.03 -0.02	16.49 0.21 0.00	16.46 0.07 0.00	17.54 0.14 0.00	18.30 -0.06 0.00	19.69 -0.08 0.00	20.25 -0.04 0.00	23.64 -0.43 -0.13	30.19 -0.18 0.00	29.15 -0.68 -0.08	31.24 -0.41 0.00	27.31 0.22 0.00	22.79 0.23 0.00	21.11 0.00 0.00	20.54 0.52 0.00
DUNKIRK___3 23565	18.38 0.47 0.00	16.89 0.48 0.00	15.91 0.45 0.00	14.81 0.42 0.00	15.08 0.44 0.00	15.56 0.31 0.00	16.10 0.05 -0.06	15.19 -0.08 -0.06	15.21 -0.12 -0.06	16.22 -0.07 -0.02	16.37 0.10 0.00	16.34 -0.05 0.00	17.42 0.02 0.00	18.17 -0.18 0.00	19.55 -0.22 0.00	20.11 -0.18 0.00	23.47 -0.60 -0.13	29.98 -0.39 0.00	28.94 -0.89 -0.08	31.01 -0.63 0.00	27.09 0.00 0.00	22.63 0.07 0.00	20.98 -0.13 0.00	20.40 0.38 0.00
DUNKIRK___4 23566	18.43 0.52 0.00	16.94 0.53 0.00	15.94 0.48 0.00	14.86 0.46 0.00	15.13 0.48 0.00	15.61 0.35 0.00	16.15 0.10 -0.06	15.23 -0.03 -0.06	15.24 -0.09 -0.06	16.25 -0.03 -0.02	16.41 0.13 0.00	16.37 -0.02 0.00	17.45 0.05 0.00	18.23 -0.13 0.00	19.59 -0.18 0.00	20.15 -0.14 0.00	23.52 -0.55 -0.13	30.04 -0.33 0.00	29.00 -0.83 -0.07	31.08 -0.57 0.00	27.17 0.08 0.00	22.68 0.11 0.00	21.03 -0.08 0.00	20.46 0.44 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	18.84 0.93 0.00	17.16 0.75 0.00	16.20 0.74 0.00	15.09 0.69 0.00	15.33 0.69 0.00	16.00 0.75 0.00	17.57 0.80 -0.77	16.82 0.78 -0.84	16.99 0.85 -0.87	17.43 0.94 -0.23	17.25 0.98 0.00	17.41 1.02 0.00	18.44 1.04 0.00	19.51 1.16 0.00	21.01 1.25 0.00	21.53 1.24 0.00	26.42 1.63 -0.85	32.20 1.82 0.00	32.03 1.79 -0.48	33.51 1.87 0.00	28.55 1.46 0.00	23.85 1.29 0.00	22.19 1.08 0.00	20.92 0.90 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	18.68 0.77 0.00	17.05 0.64 0.00	16.06 0.60 0.00	14.96 0.56 0.00	15.21 0.57 0.00	15.87 0.61 0.00	17.35 0.62 -0.73	16.61 0.61 -0.80	16.75 0.66 -0.83	17.20 0.72 -0.21	17.01 0.73 0.00	17.14 0.75 0.00	18.17 0.77 0.00	19.22 0.86 0.00	20.68 0.91 0.00	21.24 0.95 0.00	26.02 1.27 -0.82	31.83 1.46 0.00	31.65 1.43 -0.46	33.20 1.55 0.00	28.31 1.22 0.00	23.62 1.06 0.00	21.96 0.84 0.00	20.74 0.72 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	18.79 0.88 0.00	17.12 0.71 0.00	16.14 0.68 0.00	15.01 0.62 0.00	15.27 0.63 0.00	15.93 0.67 0.00	17.50 0.74 -0.77	16.76 0.71 -0.84	16.96 0.82 -0.87	17.43 0.94 -0.23	17.27 0.99 0.00	17.44 1.05 0.00	18.50 1.10 0.00	19.58 1.23 0.00	21.09 1.32 0.00	21.57 1.28 0.00	26.49 1.70 -0.85	32.14 1.76 0.00	31.94 1.70 -0.48	33.42 1.77 0.00	28.47 1.38 0.00	23.81 1.24 0.00	22.15 1.03 0.00	20.86 0.84 0.00
E179THST_13_KV_LOAD 356214	18.86 0.95 0.00	17.18 0.77 0.00	16.18 0.73 0.00	15.07 0.68 0.00	15.33 0.69 0.00	15.99 0.73 0.00	17.57 0.80 -0.77	16.82 0.78 -0.84	17.02 0.89 -0.87	17.52 1.02 -0.23	17.33 1.06 0.00	17.52 1.13 0.00	18.58 1.18 0.00	19.68 1.32 0.00	21.19 1.42 0.00	21.67 1.38 0.00	26.61 1.82 -0.85	32.29 1.91 0.00	32.08 1.85 -0.48	33.58 1.93 0.00	28.61 1.52 0.00	23.92 1.35 0.00	22.25 1.14 0.00	20.94 0.92 0.00

EAST HAMPTON___GT 23717	20.20 2.29 0.00	18.21 1.81 0.00	16.99 1.53 0.00	15.71 1.31 0.00	16.08 1.44 0.00	17.11 1.86 0.00	18.65 1.89 -0.77	17.90 1.85 -0.84	18.19 2.05 -0.87	18.75 2.26 -0.23	20.41 2.25 -1.89	21.10 2.29 -2.41	22.10 2.40 -2.30	28.37 2.64 -7.37	28.79 2.81 -6.21	30.39 2.90 -7.20	34.07 3.61 -6.52	38.71 4.59 -3.74	36.70 4.44 -2.50	39.18 4.65 -2.88	34.44 3.74 -3.61	30.50 3.14 -4.80	25.90 2.85 -1.94	23.51 2.66 -0.83
EAST RIVER___6 23660	18.82 0.91 0.00	17.18 0.77 0.00	16.22 0.76 0.00	15.10 0.71 -0.01	15.36 0.72 0.00	16.02 0.76 0.00	17.57 0.80 -0.77	16.85 0.81 -0.84	17.04 0.90 -0.87	17.52 1.03 -0.23	17.33 1.06 0.00	17.52 1.13 0.00	18.57 1.17 0.00	19.62 1.27 0.00	21.13 1.36 0.00	21.61 1.32 0.00	26.54 1.75 -0.85	32.26 1.88 0.00	32.03 1.79 -0.48	33.51 1.87 0.00	28.55 1.46 0.00	23.85 1.29 0.00	22.21 1.10 0.00	20.92 0.90 0.00
EAST RIVER___7 23524	18.82 0.91 0.00	17.18 0.77 0.00	16.22 0.76 0.00	15.10 0.71 -0.01	15.36 0.72 0.00	16.02 0.76 0.00	17.57 0.80 -0.77	16.85 0.81 -0.84	17.04 0.90 -0.87	17.52 1.03 -0.23	17.33 1.06 0.00	17.52 1.13 0.00	18.57 1.17 0.00	19.62 1.27 0.00	21.13 1.36 0.00	21.61 1.32 0.00	26.54 1.75 -0.85	32.26 1.88 0.00	32.03 1.79 -0.48	33.51 1.87 0.00	28.55 1.46 0.00	23.85 1.29 0.00	22.21 1.10 0.00	20.92 0.90 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	18.81 0.90 0.00	17.15 0.74 0.00	16.17 0.71 0.00	15.06 0.66 0.00	15.30 0.66 0.00	15.99 0.73 0.00	17.53 0.77 -0.76	16.79 0.74 -0.84	16.94 0.81 -0.87	17.40 0.91 -0.22	17.20 0.93 0.00	17.36 0.97 0.00	18.39 0.99 0.00	19.46 1.10 0.00	20.96 1.19 0.00	21.48 1.20 0.00	26.34 1.56 -0.85	32.14 1.76 0.00	31.93 1.70 -0.48	33.45 1.80 0.00	28.50 1.41 0.00	23.78 1.22 0.00	22.12 1.01 0.00	20.88 0.86 0.00
EAST_HAMPTON___DIESEL 23722	20.20 2.29 0.00	18.21 1.81 0.00	16.99 1.53 0.00	15.72 1.32 0.00	16.09 1.45 0.00	17.11 1.86 0.00	18.65 1.89 -0.77	17.91 1.87 -0.84	18.19 2.05 -0.87	18.75 2.26 -0.23	20.41 2.25 -1.89	21.10 2.29 -2.41	22.10 2.40 -2.30	28.39 2.66 -7.37	28.79 2.81 -6.21	30.41 2.92 -7.20	34.09 3.64 -6.52	38.71 4.59 -3.74	36.70 4.44 -2.50	39.21 4.68 -2.88	34.46 3.76 -3.61	30.50 3.14 -4.80	25.90 2.85 -1.94	23.51 2.66 -0.83
EAST_PULASKI___ESR 323781	18.11 0.20 0.00	16.62 0.21 0.00	15.61 0.15 0.00	14.54 0.14 0.00	14.82 0.18 0.00	15.39 0.14 0.00	16.20 0.18 -0.03	15.41 0.18 -0.03	15.43 0.14 -0.03	16.40 0.13 -0.01	16.41 0.13 0.00	16.51 0.11 0.00	17.56 0.16 0.00	18.50 0.15 0.00	19.85 0.08 0.00	20.35 0.06 0.00	24.14 0.14 -0.06	30.71 0.33 0.00	30.15 0.36 -0.04	32.03 0.38 0.00	27.55 0.46 0.00	22.93 0.36 0.00	21.43 0.32 0.00	20.34 0.32 0.00
EAST_RIVER___1 323558	18.86 0.95 0.00	17.18 0.77 0.00	16.22 0.76 0.00	15.09 0.69 -0.01	15.36 0.72 0.00	16.02 0.76 0.00	17.57 0.80 -0.77	16.84 0.79 -0.84	17.02 0.89 -0.87	17.50 1.01 -0.23	17.32 1.04 0.00	17.49 1.10 0.00	18.53 1.13 0.00	19.60 1.25 0.00	21.11 1.34 0.00	21.59 1.30 0.00	26.51 1.72 -0.85	32.26 1.88 0.00	32.00 1.76 -0.48	33.48 1.83 0.00	28.55 1.46 0.00	23.87 1.31 0.00	22.23 1.12 0.00	20.94 0.92 0.00
EAST_RIVER___2 323559	18.82 0.91 0.00	17.18 0.77 0.00	16.22 0.76 0.00	15.10 0.71 -0.01	15.36 0.72 0.00	16.02 0.76 0.00	17.57 0.80 -0.77	16.85 0.81 -0.84	17.04 0.90 -0.87	17.52 1.03 -0.23	17.33 1.06 0.00	17.52 1.13 0.00	18.57 1.17 0.00	19.62 1.27 0.00	21.13 1.36 0.00	21.61 1.32 0.00	26.54 1.75 -0.85	32.26 1.88 0.00	32.03 1.79 -0.48	33.51 1.87 0.00	28.55 1.46 0.00	23.85 1.29 0.00	22.21 1.10 0.00	20.92 0.90 0.00
EAST___DELAWARE_HYD 23607	18.48 0.57 0.00	16.85 0.44 0.00	15.84 0.39 0.00	14.76 0.36 0.00	15.01 0.37 0.00	15.65 0.40 0.00	17.03 0.40 -0.63	16.28 0.38 -0.69	16.44 0.46 -0.72	16.92 0.47 -0.19	16.75 0.47 0.00	16.87 0.48 0.00	17.43 0.03 0.00	18.43 0.07 0.00	19.83 0.06 0.00	20.39 0.10 0.00	24.99 0.31 -0.74	30.68 0.30 0.00	30.47 0.30 -0.41	32.00 0.35 0.00	28.06 0.97 0.00	23.40 0.84 0.00	21.72 0.61 0.00	20.50 0.48 0.00
EIGHT_POINT___WT_PWR 323820	18.56 0.64 0.00	17.05 0.64 0.00	16.03 0.57 0.00	14.94 0.55 0.00	15.21 0.57 0.00	15.73 0.47 0.00	16.41 0.34 -0.07	15.54 0.26 -0.08	15.54 0.20 -0.08	16.53 0.24 -0.02	16.63 0.36 0.00	16.64 0.25 0.00	17.75 0.35 0.00	18.61 0.26 0.00	19.93 0.16 0.00	20.53 0.24 0.00	24.22 0.12 -0.16	30.89 0.52 0.00	30.12 0.27 -0.09	31.87 0.22 0.00	27.87 0.79 0.00	23.22 0.65 0.00	21.56 0.44 0.00	20.74 0.72 0.00
ELBRIDGE_115KV_TB2 80188	17.91 0.00 0.00	16.43 0.02 0.00	15.46 0.00 0.00	14.39 0.00 0.00	14.66 0.01 0.00	15.24 -0.02 0.00	16.00 -0.03 -0.04	15.21 -0.03 -0.04	15.25 -0.06 -0.04	16.20 -0.08 -0.01	16.21 -0.07 0.00	16.31 -0.08 0.00	17.33 -0.07 0.00	18.26 -0.09 0.00	19.65 -0.12 0.00	20.15 -0.14 0.00	23.93 -0.10 -0.09	30.34 -0.03 0.00	29.75 -0.06 -0.05	31.55 -0.09 0.00	27.17 0.08 0.00	22.61 0.05 0.00	21.09 -0.02 0.00	20.08 0.06 0.00
ELEC_TRO_TEK 24086	19.06 1.15 0.00	17.25 0.84 0.00	16.18 0.73 0.00	15.03 0.63 0.00	15.32 0.67 0.00	16.16 0.90 0.00	17.69 0.93 -0.77	16.96 0.91 -0.84	17.18 1.04 -0.87	17.66 1.17 -0.23	19.37 1.20 -1.89	20.05 1.25 -2.41	20.99 1.29 -2.30	27.12 1.39 -7.37	27.48 1.50 -6.21	28.99 1.50 -7.20	32.37 1.91 -6.52	36.36 2.25 -3.74	34.43 2.17 -2.50	36.83 2.31 -2.87	32.51 1.81 -3.61	28.94 1.58 -4.80	24.45 1.39 -1.94	22.07 1.22 -0.83
ELLENBURG_WT_PWR 323604	17.57 -0.34 0.00	16.10 -0.31 0.00	15.15 -0.31 0.00	14.08 -0.32 0.00	14.37 -0.28 0.00	15.07 -0.18 0.00	15.90 -0.10 0.00	15.14 -0.06 0.00	15.28 0.02 0.00	16.36 0.10 0.00	16.42 0.15 0.00	16.59 0.20 0.00	17.54 0.14 0.00	18.56 0.20 0.00	20.07 0.30 0.00	20.63 0.34 0.00	24.20 0.26 0.00	30.80 0.43 0.00	30.21 0.45 0.00	32.22 0.57 0.00	27.39 0.30 0.00	22.74 0.18 0.00	21.34 0.23 0.00	20.06 0.04 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	18.23 0.32 0.00	16.77 0.36 0.00	15.77 0.31 0.00	14.70 0.30 0.00	14.97 0.32 0.00	15.44 0.18 0.00	16.02 -0.03 -0.05	15.06 -0.20 -0.06	15.05 -0.27 -0.06	16.02 -0.26 -0.02	16.16 -0.11 0.00	16.14 -0.25 0.00	17.21 -0.19 0.00	17.97 -0.39 0.00	19.33 -0.43 0.00	19.88 -0.41 0.00	23.25 -0.81 -0.13	29.58 -0.79 0.00	28.61 -1.22 -0.07	30.54 -1.11 0.00	26.74 -0.35 0.00	22.36 -0.20 0.00	20.75 -0.36 0.00	20.24 0.22 0.00
EMPIRE_CC_1 323656	18.40 0.48 0.00	16.84 0.43 0.00	15.91 0.45 0.00	14.83 0.43 -0.01	15.05 0.41 0.00	15.70 0.44 0.00	17.40 0.45 -0.95	16.68 0.43 -1.05	16.77 0.41 -1.09	16.97 0.42 -0.28	16.63 0.36 0.00	16.78 0.39 0.00	17.77 0.37 0.00	18.79 0.44 0.00	20.22 0.46 0.00	20.81 0.53 0.00	25.65 0.67 -1.05	31.28 0.91 0.00	31.21 0.86 -0.59	32.53 0.88 0.00	27.74 0.65 0.00	23.06 0.50 0.00	21.56 0.44 0.00	20.38 0.36 0.00

EMPIRE_CC_2 323658	18.40 0.48 0.00	16.84 0.43 0.00	15.91 0.45 0.00	14.83 0.43 -0.01	15.05 0.41 0.00	15.70 0.44 0.00	17.40 0.45 -0.95	16.68 0.43 -1.05	16.77 0.41 -1.09	16.97 0.42 -0.28	16.63 0.36 0.00	16.78 0.39 0.00	17.77 0.37 0.00	18.79 0.44 0.00	20.22 0.46 0.00	20.81 0.53 0.00	25.65 0.67 -1.05	31.28 0.91 0.00	31.21 0.86 -0.59	32.53 0.88 0.00	27.74 0.65 0.00	23.06 0.50 0.00	21.56 0.44 0.00	20.38 0.36 0.00
ENORWICH_115KV_TB1 80156	19.04 1.13 0.00	17.48 1.07 0.00	16.39 0.93 0.00	15.24 0.85 0.00	15.58 0.94 0.00	16.19 0.93 0.00	17.06 0.96 -0.10	16.28 0.97 -0.11	16.29 0.92 -0.11	17.21 0.91 -0.03	17.14 0.86 0.00	17.24 0.85 0.00	18.41 1.01 0.00	19.38 1.03 0.00	20.82 1.05 0.00	21.44 1.16 0.00	25.80 1.63 -0.24	32.74 2.37 0.00	32.27 2.38 -0.13	34.31 2.66 0.00	29.55 2.47 0.00	24.62 2.05 0.00	22.76 1.65 0.00	21.54 1.52 0.00
ERIE_ST__34_KV_TB1-2 80199	18.25 0.34 0.00	16.75 0.34 0.00	15.77 0.31 0.00	14.68 0.29 0.00	14.95 0.31 0.00	15.44 0.18 0.00	15.83 -0.22 -0.05	14.94 -0.32 -0.06	14.95 -0.38 -0.06	16.07 -0.21 -0.02	16.23 -0.05 0.00	16.19 -0.20 0.00	17.28 -0.12 0.00	18.02 -0.33 0.00	19.39 -0.38 0.00	19.94 -0.34 0.00	23.11 -0.96 -0.13	29.77 -0.61 0.00	28.50 -1.34 -0.07	30.79 -0.85 0.00	26.90 -0.19 0.00	22.47 -0.09 0.00	20.82 -0.30 0.00	20.24 0.22 0.00
ERIE_WT_PWR 323693	18.31 0.39 0.00	16.84 0.43 0.00	15.83 0.37 0.00	14.78 0.39 0.00	15.02 0.38 0.00	15.51 0.26 0.00	16.05 0.00 -0.05	15.11 -0.15 -0.06	15.10 -0.23 -0.06	16.10 -0.18 -0.02	16.26 -0.02 0.00	16.24 -0.15 0.00	17.36 -0.03 0.00	18.23 -0.13 0.00	19.45 -0.32 0.00	20.02 -0.26 0.00	23.37 -0.69 -0.13	29.80 -0.58 0.00	28.88 -0.95 -0.07	30.63 -1.01 0.00	26.93 -0.16 0.00	22.50 -0.07 0.00	20.88 -0.23 0.00	20.34 0.32 0.00
ESPRGFLD_115KV_TB1 80157	18.75 0.84 0.00	17.16 0.75 0.00	16.14 0.68 0.00	15.03 0.63 0.00	15.30 0.66 0.00	15.94 0.69 0.00	16.53 0.69 0.16	15.73 0.70 0.17	15.77 0.69 0.18	16.94 0.72 0.05	16.96 0.68 0.00	17.10 0.70 0.00	18.20 0.80 0.00	19.22 0.86 0.00	20.74 0.97 0.00	21.24 0.95 0.00	25.08 1.39 0.24	32.26 1.88 0.00	31.50 1.88 0.13	33.77 2.12 0.00	28.82 1.73 0.00	24.05 1.49 0.00	22.29 1.18 0.00	21.08 1.06 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	18.29 0.38 0.00	16.79 0.38 0.00	15.78 0.32 0.00	14.68 0.29 0.00	14.97 0.32 0.00	15.56 0.31 0.00	16.36 0.29 -0.07	15.57 0.29 -0.08	15.61 0.26 -0.09	16.53 0.24 -0.02	16.54 0.26 0.00	16.62 0.23 0.00	17.68 0.28 0.00	18.61 0.26 0.00	20.03 0.26 0.00	20.57 0.28 0.00	24.57 0.45 -0.18	31.13 0.76 0.00	30.57 0.71 -0.10	32.41 0.76 0.00	27.90 0.81 0.00	23.22 0.65 0.00	21.62 0.51 0.00	20.56 0.54 0.00
ETNA_____115KV_TB2 80207	18.29 0.38 0.00	16.79 0.38 0.00	15.78 0.32 0.00	14.68 0.29 0.00	14.97 0.32 0.00	15.56 0.31 0.00	16.36 0.29 -0.07	15.57 0.29 -0.08	15.61 0.26 -0.09	16.53 0.24 -0.02	16.54 0.26 0.00	16.62 0.23 0.00	17.68 0.28 0.00	18.61 0.26 0.00	20.03 0.26 0.00	20.57 0.28 0.00	24.57 0.45 -0.18	31.13 0.76 0.00	30.57 0.71 -0.10	32.41 0.76 0.00	27.90 0.81 0.00	23.22 0.65 0.00	21.62 0.51 0.00	20.56 0.54 0.00
EUCLID__115KV_TB2 356179	17.82 -0.09 0.00	16.33 -0.08 0.00	15.37 -0.09 0.00	14.31 -0.09 0.00	14.57 -0.07 0.00	15.15 -0.11 0.00	15.90 -0.13 -0.03	15.11 -0.12 -0.03	15.15 -0.15 -0.03	16.10 -0.18 -0.01	16.13 -0.15 0.00	16.21 -0.18 0.00	17.24 -0.16 0.00	18.15 -0.20 0.00	19.53 -0.24 0.00	20.02 -0.26 0.00	23.76 -0.24 -0.07	30.10 -0.27 0.00	29.50 -0.30 -0.04	31.33 -0.32 0.00	26.95 -0.14 0.00	22.43 -0.14 0.00	20.92 -0.19 0.00	19.94 -0.08 0.00
E_CANADA_CAP_HY 24051	18.97 1.06 0.00	17.36 0.95 0.00	16.35 0.90 0.00	15.24 0.83 -0.01	15.49 0.85 0.00	16.15 0.90 0.00	18.09 0.94 -1.14	17.37 0.91 -1.26	17.45 0.89 -1.30	17.50 0.89 -0.34	17.12 0.85 0.00	17.26 0.87 0.00	18.36 0.96 0.00	19.46 1.10 0.00	21.05 1.28 0.00	21.55 1.26 0.00	26.99 1.67 -1.39	32.71 2.34 0.00	32.89 2.35 -0.77	34.27 2.63 0.00	29.20 2.11 0.00	24.35 1.78 0.00	22.55 1.44 0.00	21.28 1.26 0.00
E_CANADA_MHWK_HY 24050	17.91 0.00 0.00	16.43 0.02 0.00	15.49 0.03 0.00	14.44 0.04 0.00	14.70 0.06 0.00	15.32 0.06 0.00	16.08 0.08 0.00	15.29 0.09 0.00	15.37 0.11 0.00	16.40 0.13 0.00	16.34 0.07 0.00	16.46 0.07 0.00	17.49 0.09 0.00	18.43 0.07 0.00	19.87 0.10 0.00	20.39 0.10 0.00	24.12 0.19 0.00	30.62 0.24 0.00	30.03 0.27 0.00	31.93 0.28 0.00	27.36 0.27 0.00	22.86 0.29 0.00	21.32 0.21 0.00	20.20 0.18 0.00
E_FISHKILL__LBMP 23776	18.70 0.79 0.00	17.07 0.66 0.00	16.09 0.63 0.00	15.00 0.60 0.00	15.24 0.60 0.00	15.91 0.66 0.00	17.48 0.69 -0.79	16.74 0.67 -0.87	16.89 0.72 -0.91	17.30 0.80 -0.23	17.07 0.80 0.00	17.23 0.84 0.00	18.23 0.84 0.00	19.27 0.92 0.00	20.76 0.99 0.00	21.30 1.01 0.00	26.15 1.34 -0.88	31.92 1.55 0.00	31.74 1.49 -0.49	33.23 1.58 0.00	28.31 1.22 0.00	23.62 1.06 0.00	21.98 0.87 0.00	20.76 0.74 0.00
FALCON__SEABRD_CC1 323796	17.72 -0.20 0.00	16.23 -0.18 0.00	15.29 -0.17 0.00	14.19 -0.20 0.00	14.48 -0.16 0.00	15.21 -0.05 0.00	16.05 0.05 0.00	15.29 0.09 0.00	15.42 0.15 0.00	16.53 0.26 0.00	16.60 0.33 0.00	16.77 0.38 0.00	17.71 0.31 0.00	18.74 0.39 0.00	20.28 0.51 0.00	20.85 0.57 0.00	24.46 0.53 0.00	31.13 0.76 0.00	30.53 0.77 0.00	32.60 0.95 0.00	27.71 0.62 0.00	22.99 0.43 0.00	21.60 0.49 0.00	20.26 0.24 0.00
FALCON__SEABRD_CC2 323797	17.72 -0.20 0.00	16.23 -0.18 0.00	15.29 -0.17 0.00	14.19 -0.20 0.00	14.48 -0.16 0.00	15.21 -0.05 0.00	16.05 0.05 0.00	15.29 0.09 0.00	15.42 0.15 0.00	16.53 0.26 0.00	16.60 0.33 0.00	16.77 0.38 0.00	17.71 0.31 0.00	18.74 0.39 0.00	20.28 0.51 0.00	20.85 0.57 0.00	24.46 0.53 0.00	31.13 0.76 0.00	30.53 0.77 0.00	32.60 0.95 0.00	27.71 0.62 0.00	22.99 0.43 0.00	21.60 0.49 0.00	20.26 0.24 0.00
FAR ROCKAWAY__4 23548	19.33 1.42 0.00	17.48 1.07 0.00	16.37 0.91 0.00	15.20 0.81 0.00	15.51 0.86 0.00	16.37 1.11 0.00	17.90 1.14 -0.77	17.17 1.12 -0.84	17.39 1.25 -0.87	17.91 1.42 -0.23	19.61 1.45 -1.89	20.29 1.49 -2.41	21.25 1.55 -2.30	27.41 1.69 -7.37	27.82 1.84 -6.21	29.36 1.87 -7.20	32.80 2.35 -6.52	36.94 2.82 -3.74	35.00 2.74 -2.50	37.43 2.91 -2.87	33.00 2.30 -3.61	29.35 1.99 -4.80	24.83 1.77 -1.94	22.43 1.58 -0.83
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	18.86 0.95 0.00	17.18 0.77 0.00	16.22 0.76 0.00	15.10 0.71 0.00	15.36 0.72 0.00	16.02 0.76 0.00	17.58 0.82 -0.77	16.84 0.79 -0.84	17.02 0.89 -0.87	17.50 1.01 -0.23	17.32 1.04 0.00	17.49 1.10 0.00	18.53 1.13 0.00	19.60 1.25 0.00	21.11 1.34 0.00	21.61 1.32 0.00	26.51 1.72 -0.85	32.23 1.85 0.00	32.00 1.76 -0.48	33.51 1.87 0.00	28.55 1.46 0.00	23.87 1.31 0.00	22.23 1.12 0.00	20.94 0.92 0.00

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	18.86 0.95 0.00	17.18 0.77 0.00	16.22 0.76 0.00	15.10 0.71 0.00	15.36 0.72 0.00	16.02 0.76 0.00	17.58 0.82 -0.77	16.84 0.79 -0.84	17.02 0.89 -0.87	17.50 1.01 -0.23	17.32 1.04 0.00	17.49 1.10 0.00	18.53 1.13 0.00	19.60 1.25 0.00	21.13 1.36 0.00	21.61 1.32 0.00	26.51 1.72 -0.85	32.23 1.85 0.00	32.03 1.79 -0.48	33.51 1.87 0.00	28.55 1.46 0.00	23.87 1.31 0.00	22.23 1.12 0.00	20.96 0.94 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	18.84 0.93 0.00	17.16 0.75 0.00	16.20 0.74 0.00	15.10 0.71 0.00	15.35 0.70 0.00	16.02 0.76 0.00	17.58 0.82 -0.77	16.82 0.78 -0.84	17.02 0.89 -0.87	17.48 0.99 -0.23	17.30 1.03 0.00	17.47 1.08 0.00	18.51 1.11 0.00	19.58 1.23 0.00	21.11 1.34 0.00	21.59 1.30 0.00	26.51 1.72 -0.85	32.20 1.82 0.00	32.00 1.76 -0.48	33.48 1.84 0.00	28.52 1.44 0.00	23.87 1.31 0.00	22.21 1.10 0.00	20.94 0.92 0.00
FARRAGUT___LBMP 323566	18.84 0.93 0.00	17.16 0.75 0.00	16.20 0.74 0.00	15.09 0.69 0.00	15.35 0.70 0.00	16.00 0.75 0.00	17.57 0.80 -0.77	16.82 0.78 -0.84	17.01 0.87 -0.87	17.48 0.99 -0.23	17.28 1.01 0.00	17.46 1.07 0.00	18.50 1.10 0.00	19.57 1.21 0.00	21.09 1.32 0.00	21.59 1.30 0.00	26.49 1.70 -0.85	32.17 1.79 0.00	31.97 1.73 -0.48	33.45 1.80 0.00	28.52 1.44 0.00	23.85 1.29 0.00	22.21 1.10 0.00	20.92 0.90 0.00
FENNER___WINDPWR 24204	18.22 0.30 0.00	16.71 0.30 0.00	15.70 0.25 0.00	14.62 0.23 0.00	14.89 0.25 0.00	15.50 0.24 0.00	16.30 0.26 -0.04	15.49 0.24 -0.04	15.54 0.23 -0.05	16.51 0.23 -0.01	16.49 0.21 0.00	16.60 0.21 0.00	17.66 0.26 0.00	18.58 0.22 0.00	20.03 0.26 0.00	20.55 0.26 0.00	24.41 0.38 -0.10	30.92 0.55 0.00	30.35 0.54 -0.05	32.22 0.57 0.00	27.68 0.60 0.00	23.06 0.50 0.00	21.49 0.38 0.00	20.42 0.40 0.00
FIBERTEK___ENERGY 23856	18.04 0.13 0.00	16.54 0.13 0.00	15.57 0.11 0.00	14.50 0.10 0.00	14.76 0.12 0.00	15.33 0.08 0.00	16.11 0.08 -0.03	15.32 0.08 -0.04	15.35 0.05 -0.04	16.31 0.03 -0.01	16.34 0.07 0.00	16.42 0.03 0.00	17.47 0.07 0.00	18.41 0.06 0.00	19.79 0.02 0.00	20.31 0.02 0.00	24.11 0.10 -0.08	30.59 0.21 0.00	29.99 0.18 -0.05	31.81 0.16 0.00	27.39 0.30 0.00	22.79 0.23 0.00	21.26 0.15 0.00	20.24 0.22 0.00
FITZPATRICK____ 23598	17.55 -0.36 0.00	16.10 -0.31 0.00	15.15 -0.31 0.00	14.11 -0.29 0.00	14.35 -0.29 0.00	14.93 -0.32 0.00	15.68 -0.34 -0.02	14.89 -0.33 -0.02	14.94 -0.35 -0.02	15.88 -0.39 -0.01	15.90 -0.37 0.00	16.00 -0.39 0.00	17.02 -0.38 0.00	17.91 -0.44 0.00	19.29 -0.47 0.00	19.76 -0.53 0.00	23.39 -0.60 -0.05	29.65 -0.73 0.00	29.05 -0.74 -0.03	30.86 -0.79 0.00	26.49 -0.60 0.00	22.07 -0.50 0.00	20.63 -0.48 0.00	19.64 -0.38 0.00
FLOWRFLD_69_KV_BK1 356044	19.49 1.58 0.00	17.59 1.18 0.00	16.43 0.97 0.00	15.24 0.85 0.00	15.57 0.92 0.00	16.49 1.24 0.00	18.05 1.28 -0.77	17.31 1.26 -0.84	17.54 1.40 -0.87	18.09 1.59 -0.23	19.76 1.59 -1.89	20.44 1.64 -2.41	21.41 1.71 -2.30	27.58 1.85 -7.37	27.94 1.96 -6.21	29.48 1.99 -7.20	32.97 2.51 -6.52	37.22 3.10 -3.74	35.27 3.01 -2.50	37.69 3.16 -2.88	33.19 2.49 -3.61	29.51 2.14 -4.80	25.02 1.96 -1.94	22.61 1.76 -0.83
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	18.86 0.95 0.00	17.20 0.79 0.00	16.20 0.74 0.00	15.09 0.69 0.00	15.33 0.69 0.00	16.00 0.75 0.00	17.52 0.75 -0.77	16.78 0.73 -0.85	16.92 0.78 -0.88	17.34 0.85 -0.23	17.14 0.86 0.00	17.26 0.87 0.00	18.32 0.92 0.00	19.38 1.03 0.00	20.84 1.07 0.00	21.42 1.14 0.00	26.30 1.51 -0.86	32.17 1.79 0.00	32.00 1.76 -0.48	33.55 1.90 0.00	28.61 1.52 0.00	23.85 1.29 0.00	22.15 1.03 0.00	20.90 0.88 0.00
FORT ORANGE____ 23900	18.34 0.43 0.00	16.84 0.43 0.00	15.89 0.43 0.00	14.83 0.43 -0.01	15.05 0.41 0.00	15.68 0.43 0.00	17.41 0.43 -0.98	16.69 0.41 -1.08	16.77 0.38 -1.12	16.96 0.41 -0.29	16.63 0.36 0.00	16.77 0.38 0.00	17.77 0.37 0.00	18.83 0.48 0.00	20.24 0.47 0.00	20.84 0.55 0.00	25.72 0.69 -1.09	31.35 0.97 0.00	31.32 0.95 -0.61	32.69 1.04 0.00	27.85 0.76 0.00	23.13 0.56 0.00	21.53 0.42 0.00	20.34 0.32 0.00
FORT_DRUM_COGEN 23780	18.02 0.11 0.00	16.52 0.11 0.00	15.50 0.05 0.00	14.41 0.01 0.00	14.72 0.07 0.00	15.32 0.06 0.00	16.11 0.10 -0.02	15.36 0.14 -0.02	15.38 0.09 -0.02	16.32 0.05 -0.01	16.29 0.02 0.00	16.39 0.00 0.00	17.45 0.05 0.00	18.41 0.06 0.00	19.77 0.00 0.00	20.31 0.02 0.00	24.12 0.14 -0.04	30.77 0.39 0.00	30.32 0.54 -0.02	32.25 0.60 0.00	27.68 0.60 0.00	23.04 0.47 0.00	21.43 0.32 0.00	20.26 0.24 0.00
FPL_FAR_ROCK_GT1 24212	19.33 1.41 0.00	17.48 1.07 0.00	16.37 0.91 0.00	15.19 0.79 -0.01	15.51 0.86 0.00	16.37 1.11 0.00	17.89 1.12 -0.77	17.18 1.12 -0.85	17.40 1.25 -0.88	17.91 1.41 -0.23	19.62 1.45 -1.89	20.30 1.49 -2.42	21.26 1.55 -2.31	27.42 1.69 -7.38	27.83 1.84 -6.22	29.36 1.87 -7.21	32.81 2.35 -6.53	37.00 2.89 -3.74	35.00 2.74 -2.50	37.43 2.91 -2.88	33.03 2.33 -3.61	29.36 1.99 -4.81	24.83 1.77 -1.95	22.43 1.58 -0.83
FPL_FAR_ROCK_GT2 23815	19.33 1.41 0.00	17.48 1.07 0.00	16.37 0.91 0.00	15.19 0.79 -0.01	15.51 0.86 0.00	16.37 1.11 0.00	17.89 1.12 -0.77	17.18 1.12 -0.85	17.40 1.25 -0.88	17.91 1.41 -0.23	19.62 1.45 -1.89	20.30 1.49 -2.42	21.26 1.55 -2.31	27.42 1.69 -7.38	27.83 1.84 -6.22	29.36 1.87 -7.21	32.81 2.35 -6.53	37.00 2.89 -3.74	35.00 2.74 -2.50	37.43 2.91 -2.88	33.03 2.33 -3.61	29.36 1.99 -4.81	24.83 1.77 -1.95	22.43 1.58 -0.83
FRANKLIN_FALL_HYD 24054	17.55 -0.36 0.00	16.10 -0.31 0.00	15.15 -0.31 0.00	14.08 -0.32 0.00	14.34 -0.31 0.00	15.04 -0.21 0.00	15.89 -0.11 0.00	15.14 -0.06 0.00	15.27 0.00 0.00	16.33 0.07 0.00	16.41 0.13 0.00	16.55 0.16 0.00	17.57 0.17 0.00	18.50 0.15 0.00	20.03 0.26 0.00	20.57 0.28 0.00	24.13 0.19 0.00	30.71 0.33 0.00	30.15 0.39 0.00	32.15 0.51 0.00	27.36 0.27 0.00	22.70 0.14 0.00	21.32 0.21 0.00	20.00 -0.02 0.00
FREEPORT_EQUS_GT1 23764	19.22 1.31 0.00	17.40 0.98 0.00	16.29 0.83 0.00	15.12 0.72 -0.01	15.42 0.78 0.00	16.28 1.02 0.00	17.81 1.04 -0.77	17.09 1.05 -0.84	17.32 1.18 -0.88	17.83 1.33 -0.23	19.53 1.37 -1.89	20.21 1.41 -2.41	21.17 1.46 -2.30	27.31 1.58 -7.37	27.68 1.70 -6.21	29.19 1.70 -7.20	32.64 2.18 -6.53	36.76 2.64 -3.74	34.79 2.53 -2.50	37.18 2.66 -2.87	32.81 2.11 -3.61	29.19 1.83 -4.80	24.68 1.63 -1.95	22.29 1.44 -0.83
FREEPORT___CT2 23818	19.22 1.31 0.00	17.40 0.98 0.00	16.29 0.83 0.00	15.12 0.72 -0.01	15.42 0.78 0.00	16.28 1.02 0.00	17.81 1.04 -0.77	17.09 1.05 -0.84	17.32 1.18 -0.88	17.83 1.33 -0.23	19.53 1.37 -1.89	20.21 1.41 -2.41	21.17 1.46 -2.30	27.31 1.58 -7.37	27.68 1.70 -6.21	29.19 1.70 -7.20	32.64 2.18 -6.53	36.76 2.64 -3.74	34.79 2.53 -2.50	37.18 2.66 -2.87	32.81 2.11 -3.61	29.19 1.83 -4.80	24.68 1.63 -1.95	22.29 1.44 -0.83

FRESHKLS_33_KV_LOAD 356253	18.66 0.75 0.00	16.97 0.56 0.00	16.01 0.56 0.00	14.92 0.53 0.01	15.18 0.54 0.01	15.83 0.58 0.01	17.40 0.64 -0.76	16.69 0.65 -0.84	16.89 0.76 -0.87	17.39 0.91 -0.22	17.23 0.96 0.01	17.42 1.03 0.01	18.49 1.10 0.01	19.58 1.23 0.01	21.11 1.34 0.01	21.54 1.26 0.01	26.53 1.75 -0.85	32.12 1.76 0.02	31.95 1.73 -0.46	33.40 1.77 0.02	28.43 1.35 0.01	23.77 1.22 0.01	22.10 0.99 0.01	20.79 0.78 0.01
FULTON COGEN____ 23766	18.14 0.23 0.00	16.64 0.23 0.00	15.66 0.20 0.00	14.57 0.17 0.00	14.85 0.21 0.00	15.42 0.17 0.00	16.22 0.19 -0.03	15.43 0.20 -0.03	15.45 0.15 -0.03	16.42 0.15 -0.01	16.44 0.16 0.00	16.54 0.15 0.00	17.59 0.19 0.00	18.54 0.18 0.00	19.91 0.14 0.00	20.43 0.14 0.00	24.24 0.24 -0.07	30.83 0.46 0.00	30.22 0.42 -0.04	32.06 0.41 0.00	27.63 0.54 0.00	22.97 0.41 0.00	21.43 0.32 0.00	20.38 0.36 0.00
FULTON____LFGE 323630	19.43 1.52 0.00	17.76 1.35 0.00	16.76 1.30 0.00	15.62 1.22 -0.01	15.84 1.20 0.00	16.55 1.30 0.00	18.49 1.39 -1.10	17.73 1.32 -1.21	17.75 1.24 -1.25	17.81 1.22 -0.32	17.38 1.11 0.00	17.57 1.18 0.00	18.72 1.32 0.00	19.93 1.58 0.00	21.71 1.94 0.00	22.30 2.01 0.00	27.80 2.56 -1.30	33.99 3.61 0.00	34.15 3.66 -0.73	35.73 4.08 0.00	30.34 3.25 0.00	25.16 2.59 0.00	23.22 2.11 0.00	21.84 1.82 0.00
G.F.CEMENT____DRP 24184	19.13 1.22 0.00	17.49 1.08 0.00	16.51 1.05 0.00	15.39 0.99 0.00	15.62 0.98 0.00	16.29 1.04 0.00	18.08 1.07 -1.01	17.38 1.06 -1.11	17.44 1.02 -1.16	17.62 1.06 -0.30	17.15 0.88 0.00	17.28 0.89 0.00	18.27 0.87 0.00	19.35 0.99 0.00	20.98 1.21 0.00	21.61 1.32 0.00	26.75 1.68 -1.14	32.65 2.28 0.00	32.72 2.32 -0.64	34.31 2.66 0.00	29.23 2.14 0.00	24.28 1.71 0.00	22.63 1.52 0.00	21.34 1.32 0.00
GARDENVILLE____LBMP 24039	18.27 0.36 0.00	16.79 0.38 0.00	15.78 0.32 0.00	14.71 0.32 0.00	14.98 0.34 0.00	15.47 0.21 0.00	16.01 -0.05 -0.05	15.08 -0.18 -0.06	15.07 -0.26 -0.06	16.05 -0.23 -0.02	16.21 -0.07 0.00	16.19 -0.20 0.00	17.26 -0.14 0.00	18.01 -0.35 0.00	19.37 -0.40 0.00	19.92 -0.37 0.00	23.27 -0.79 -0.13	29.68 -0.70 0.00	28.67 -1.16 -0.07	30.67 -0.98 0.00	26.82 -0.27 0.00	22.41 -0.16 0.00	20.79 -0.32 0.00	20.28 0.26 0.00
GARDNVLA_35_KV_LD 355827	18.34 0.43 0.00	16.85 0.44 0.00	15.84 0.39 0.00	14.77 0.37 0.00	15.04 0.40 0.00	15.53 0.27 0.00	16.07 0.02 -0.05	15.14 -0.12 -0.06	15.13 -0.20 -0.06	16.14 -0.15 -0.02	16.29 0.02 0.00	16.28 -0.11 0.00	17.35 -0.05 0.00	18.10 -0.26 0.00	19.47 -0.30 0.00	20.02 -0.26 0.00	23.37 -0.69 -0.13	29.83 -0.55 0.00	28.79 -1.04 -0.07	30.82 -0.82 0.00	26.98 -0.11 0.00	22.54 -0.02 0.00	20.90 -0.21 0.00	20.36 0.34 0.00
GELCKHM__115KV_LOAD 80723	17.89 -0.02 0.00	16.41 0.00 0.00	15.44 -0.02 0.00	14.37 -0.03 0.00	14.63 -0.01 0.00	15.21 -0.05 0.00	15.98 -0.05 -0.03	15.19 -0.05 -0.03	15.22 -0.08 -0.04	16.18 -0.10 -0.01	16.19 -0.08 0.00	16.29 -0.10 0.00	17.31 -0.09 0.00	18.24 -0.11 0.00	19.63 -0.14 0.00	20.13 -0.16 0.00	23.89 -0.12 -0.07	30.28 -0.09 0.00	29.68 -0.12 -0.04	31.49 -0.16 0.00	27.09 0.00 0.00	22.56 0.00 0.00	21.05 -0.06 0.00	20.04 0.02 0.00
GENERAL____MILLS 23808	18.31 0.39 0.00	16.82 0.41 0.00	15.83 0.37 0.00	14.75 0.36 0.00	15.01 0.37 0.00	15.50 0.24 0.00	16.04 -0.02 -0.05	15.11 -0.15 -0.06	15.10 -0.23 -0.06	16.10 -0.18 -0.02	16.24 -0.03 0.00	16.23 -0.16 0.00	17.30 -0.10 0.00	18.06 -0.29 0.00	19.43 -0.34 0.00	19.98 -0.30 0.00	23.32 -0.74 -0.13	29.77 -0.61 0.00	28.73 -1.10 -0.07	30.76 -0.89 0.00	26.90 -0.19 0.00	22.47 -0.09 0.00	20.86 -0.25 0.00	20.32 0.30 0.00
GE_PLASTICS____DRP 24183	18.36 0.45 0.00	16.84 0.43 0.00	15.89 0.43 0.00	14.83 0.43 0.00	15.05 0.41 0.00	15.68 0.43 0.00	17.42 0.43 -0.99	16.70 0.41 -1.09	16.79 0.40 -1.13	16.98 0.42 -0.29	16.67 0.39 0.00	16.80 0.41 0.00	17.80 0.40 0.00	18.85 0.50 0.00	20.28 0.51 0.00	20.86 0.57 0.00	25.72 0.69 -1.09	31.26 0.88 0.00	31.26 0.89 -0.61	32.60 0.95 0.00	27.77 0.68 0.00	23.13 0.56 0.00	21.55 0.44 0.00	20.36 0.34 0.00
GILBOA____1 23756	18.50 0.59 0.00	17.02 0.61 0.00	16.05 0.59 0.00	14.96 0.56 -0.01	15.20 0.56 0.00	15.85 0.59 0.00	17.56 0.61 -0.95	16.77 0.52 -1.05	16.89 0.53 -1.09	17.12 0.57 -0.28	16.81 0.54 0.00	16.96 0.57 0.00	17.97 0.57 0.00	19.00 0.64 0.00	20.46 0.69 0.00	21.02 0.73 0.00	25.56 0.79 -0.84	31.38 1.00 0.00	31.18 0.95 -0.47	32.63 0.98 0.00	27.87 0.79 0.00	23.24 0.68 0.00	21.64 0.53 0.00	20.48 0.46 0.00
GILBOA____2 23757	18.50 0.59 0.00	17.02 0.61 0.00	16.05 0.59 0.00	14.96 0.56 -0.01	15.20 0.56 0.00	15.85 0.59 0.00	17.56 0.61 -0.95	16.77 0.52 -1.05	16.89 0.53 -1.09	17.12 0.57 -0.28	16.81 0.54 0.00	16.96 0.57 0.00	17.97 0.57 0.00	19.00 0.64 0.00	20.46 0.69 0.00	21.02 0.73 0.00	25.56 0.79 -0.84	31.38 1.00 0.00	31.18 0.95 -0.47	32.63 0.98 0.00	27.87 0.79 0.00	23.24 0.68 0.00	21.64 0.53 0.00	20.48 0.46 0.00
GILBOA____3 23758	18.50 0.59 0.00	17.02 0.61 0.00	16.05 0.59 0.00	14.96 0.56 -0.01	15.20 0.56 0.00	15.85 0.59 0.00	17.56 0.61 -0.95	16.77 0.52 -1.05	16.89 0.53 -1.09	17.12 0.57 -0.28	16.81 0.54 0.00	16.96 0.57 0.00	17.97 0.57 0.00	19.00 0.64 0.00	20.46 0.69 0.00	21.02 0.73 0.00	25.56 0.79 -0.84	31.38 1.00 0.00	31.18 0.95 -0.47	32.63 0.98 0.00	27.87 0.79 0.00	23.24 0.68 0.00	21.64 0.53 0.00	20.48 0.46 0.00
GILBOA____4 23759	18.50 0.59 0.00	17.02 0.61 0.00	16.05 0.59 0.00	14.96 0.56 -0.01	15.20 0.56 0.00	15.85 0.59 0.00	17.56 0.61 -0.95	16.77 0.52 -1.05	16.89 0.53 -1.09	17.12 0.57 -0.28	16.81 0.54 0.00	16.96 0.57 0.00	17.97 0.57 0.00	19.00 0.64 0.00	20.46 0.69 0.00	21.02 0.73 0.00	25.56 0.79 -0.84	31.38 1.00 0.00	31.18 0.95 -0.47	32.63 0.98 0.00	27.87 0.79 0.00	23.24 0.68 0.00	21.64 0.53 0.00	20.48 0.46 0.00
GILBOA____ 23599	18.50 0.59 0.00	17.02 0.61 0.00	16.05 0.59 0.00	14.96 0.56 0.00	15.20 0.56 0.00	15.85 0.59 0.00	17.56 0.61 -0.95	16.77 0.52 -1.05	16.89 0.53 -1.09	17.12 0.57 -0.28	16.81 0.54 0.00	16.96 0.57 0.00	17.96 0.56 0.00	19.00 0.64 0.00	20.46 0.69 0.00	21.02 0.73 0.00	25.56 0.79 -0.84	31.35 0.97 0.00	31.18 0.95 -0.47	32.66 1.01 0.00	27.87 0.79 0.00	23.24 0.68 0.00	21.64 0.53 0.00	20.48 0.46 0.00
GINNA____ 23603	17.27 -0.64 0.00	15.84 -0.57 0.00	14.87 -0.59 0.00	13.83 -0.56 0.00	14.09 -0.56 0.00	14.63 -0.63 0.00	15.35 -0.69 -0.04	14.53 -0.71 -0.04	14.55 -0.76 -0.04	15.40 -0.88 -0.01	15.46 -0.81 0.00	15.52 -0.87 0.00	16.58 -0.82 0.00	17.42 -0.94 0.00	18.72 -1.05 0.00	19.25 -1.03 0.00	22.83 -1.20 -0.09	28.83 -1.55 0.00	28.33 -1.49 -0.05	30.03 -1.61 0.00	25.98 -1.11 0.00	21.62 -0.95 0.00	20.12 -0.99 0.00	19.30 -0.72 0.00

GLEN PARK____ 23778	18.13 0.22 0.00	16.62 0.21 0.00	15.58 0.12 0.00	14.50 0.10 0.00	14.79 0.15 0.00	15.39 0.14 0.00	16.21 0.19 -0.02	15.44 0.21 -0.02	15.45 0.17 -0.02	16.40 0.13 0.00	16.36 0.08 0.00	16.47 0.08 0.00	17.54 0.14 0.00	18.45 0.09 0.00	19.87 0.10 0.00	20.41 0.12 0.00	24.27 0.29 -0.04	30.95 0.58 0.00	30.50 0.71 -0.03	32.44 0.79 0.00	27.87 0.79 0.00	23.22 0.65 0.00	21.58 0.46 0.00	20.38 0.36 0.00
GLENDALE_27_KV_LOAD 356172	18.93 1.02 0.00	17.23 0.82 0.00	16.25 0.79 0.00	15.11 0.72 0.00	15.38 0.73 0.00	16.05 0.79 0.00	17.61 0.85 -0.77	16.88 0.84 -0.84	17.07 0.93 -0.87	17.56 1.07 -0.23	17.38 1.11 0.00	17.57 1.18 0.00	18.63 1.24 0.00	19.73 1.38 0.00	21.25 1.48 0.00	21.73 1.44 0.00	26.68 1.89 -0.85	32.38 2.00 0.00	32.20 1.96 -0.48	33.67 2.03 0.00	28.69 1.60 0.00	23.99 1.42 0.00	22.31 1.20 0.00	21.02 1.00 0.00
GLENWOOD_IC_1_G5 23712	19.06 1.15 0.00	17.30 0.89 0.00	16.25 0.79 0.00	15.10 0.71 0.00	15.39 0.75 0.00	16.16 0.90 0.00	17.71 0.94 -0.77	16.97 0.93 -0.84	17.16 1.02 -0.87	17.66 1.17 -0.23	19.37 1.20 -1.89	20.05 1.25 -2.41	20.99 1.29 -2.30	27.14 1.41 -7.37	27.50 1.52 -6.21	29.03 1.54 -7.20	32.42 1.96 -6.52	36.21 2.10 -3.74	34.29 2.02 -2.50	36.64 2.12 -2.87	32.57 1.87 -3.61	28.97 1.60 -4.80	24.43 1.37 -1.94	22.07 1.22 -0.83
GLENWOOD_IC_2_G1 23688	18.95 1.04 0.00	17.23 0.82 0.00	16.20 0.74 0.00	15.06 0.66 -0.01	15.35 0.70 0.00	16.08 0.82 0.00	17.61 0.85 -0.77	16.90 0.85 -0.84	17.09 0.95 -0.87	17.55 1.06 -0.23	19.27 1.11 -1.89	19.95 1.15 -2.41	20.89 1.18 -2.30	27.01 1.28 -7.37	27.37 1.38 -6.21	28.89 1.40 -7.20	32.25 1.80 -6.52	36.21 2.09 -3.74	34.26 1.99 -2.50	36.61 2.09 -2.87	32.38 1.68 -3.61	28.81 1.45 -4.80	24.30 1.25 -1.94	21.91 1.06 -0.83
GLENWOOD_IC_3_G1 23689	18.95 1.04 0.00	17.23 0.82 0.00	16.20 0.74 0.00	15.06 0.66 -0.01	15.35 0.70 0.00	16.08 0.82 0.00	17.61 0.85 -0.77	16.90 0.85 -0.84	17.09 0.95 -0.87	17.55 1.06 -0.23	19.27 1.11 -1.89	19.95 1.15 -2.41	20.89 1.18 -2.30	27.01 1.28 -7.37	27.37 1.38 -6.21	28.89 1.40 -7.20	32.25 1.80 -6.52	36.21 2.09 -3.74	34.26 1.99 -2.50	36.61 2.09 -2.87	32.38 1.68 -3.61	28.81 1.45 -4.80	24.30 1.25 -1.94	21.91 1.06 -0.83
GLENWOOD____4 23550	19.06 1.15 0.00	17.30 0.89 0.00	16.25 0.79 0.00	15.10 0.71 0.00	15.39 0.75 0.00	16.16 0.90 0.00	17.71 0.94 -0.77	16.97 0.93 -0.84	17.16 1.02 -0.87	17.66 1.17 -0.23	19.37 1.20 -1.89	20.05 1.25 -2.41	20.99 1.29 -2.30	27.14 1.41 -7.37	27.50 1.52 -6.21	29.03 1.54 -7.20	32.42 1.96 -6.52	36.27 2.16 -3.74	34.34 2.08 -2.50	36.73 2.22 -2.87	32.57 1.87 -3.61	28.97 1.60 -4.80	24.43 1.37 -1.94	22.07 1.22 -0.83
GLENWOOD____5 23614	19.06 1.15 0.00	17.30 0.89 0.00	16.25 0.79 0.00	15.10 0.71 0.00	15.39 0.75 0.00	16.16 0.90 0.00	17.71 0.94 -0.77	16.97 0.93 -0.84	17.16 1.02 -0.87	17.66 1.17 -0.23	19.37 1.20 -1.89	20.05 1.25 -2.41	20.99 1.29 -2.30	27.14 1.41 -7.37	27.50 1.52 -6.21	29.03 1.54 -7.20	32.42 1.96 -6.52	36.27 2.16 -3.74	34.34 2.08 -2.50	36.73 2.22 -2.87	32.57 1.87 -3.61	28.97 1.60 -4.80	24.43 1.37 -1.94	22.07 1.22 -0.83
GLOBAL GREEN_PORT_GT1 23814	20.17 2.26 0.00	18.18 1.77 0.00	16.96 1.50 0.00	15.68 1.28 0.00	16.05 1.41 0.00	17.08 1.83 0.00	18.62 1.86 -0.77	17.88 1.84 -0.84	18.15 2.01 -0.87	18.72 2.23 -0.23	20.38 2.21 -1.89	21.06 2.26 -2.41	22.07 2.37 -2.30	28.35 2.62 -7.37	28.75 2.77 -6.21	30.35 2.86 -7.20	34.02 3.57 -6.52	38.65 4.53 -3.74	36.64 4.38 -2.50	39.11 4.59 -2.88	34.38 3.68 -3.61	30.46 3.09 -4.80	25.86 2.81 -1.94	23.45 2.60 -0.83
GLOBE____DSASP 323697	17.77 -0.14 0.00	16.52 0.11 0.00	15.52 0.06 0.00	14.52 0.13 0.00	14.79 0.15 0.00	15.06 -0.20 0.00	15.78 -0.27 -0.05	14.74 -0.52 -0.06	14.70 -0.63 -0.06	15.56 -0.72 -0.01	15.71 -0.57 0.00	15.70 -0.69 0.00	16.72 -0.68 0.00	17.46 -0.90 0.00	18.80 -0.97 0.00	19.31 -0.97 0.00	22.67 -1.39 -0.12	28.64 -1.73 0.00	27.84 -1.99 -0.07	29.53 -2.12 0.00	25.90 -1.19 0.00	21.68 -0.88 0.00	20.16 -0.95 0.00	19.84 -0.18 0.00
GOETHSLN____LBMP 323567	18.75 0.84 0.00	17.07 0.66 0.00	16.15 0.70 0.00	15.04 0.65 0.00	15.30 0.66 0.00	15.96 0.70 0.00	17.52 0.75 -0.77	16.75 0.70 -0.84	16.95 0.81 -0.87	17.40 0.91 -0.23	17.22 0.94 0.00	17.39 1.00 0.00	18.43 1.03 0.00	19.49 1.14 0.00	21.01 1.25 0.00	21.48 1.20 0.00	26.39 1.60 -0.85	31.98 1.61 0.01	31.78 1.55 -0.47	33.25 1.61 0.01	28.39 1.30 0.00	23.76 1.20 0.00	22.10 0.99 0.00	20.84 0.82 0.00
GOLAH____69_KV_TB 1_2 80279	18.23 0.32 0.00	16.75 0.34 0.00	15.74 0.28 0.00	14.64 0.24 0.00	14.91 0.26 0.00	15.45 0.20 0.00	16.15 0.11 -0.04	15.26 0.02 -0.05	15.25 -0.06 -0.05	16.13 -0.15 -0.01	16.24 -0.03 0.00	16.26 -0.13 0.00	17.33 -0.07 0.00	18.10 -0.26 0.00	19.49 -0.28 0.00	20.02 -0.26 0.00	23.74 -0.29 -0.10	29.98 -0.39 0.00	29.28 -0.54 -0.05	31.05 -0.60 0.00	27.12 0.03 0.00	22.56 0.00 0.00	21.01 -0.11 0.00	20.32 0.30 0.00
GOODYEAR_LAKE_HYD 323669	18.54 0.63 0.00	16.97 0.56 0.00	15.95 0.49 0.00	14.84 0.45 0.00	15.11 0.47 0.00	15.74 0.49 0.00	16.52 0.48 -0.04	15.74 0.49 -0.05	15.82 0.50 -0.05	16.82 0.54 -0.01	16.81 0.54 0.00	16.92 0.52 0.00	18.01 0.61 0.00	18.98 0.62 0.00	20.44 0.67 0.00	20.96 0.67 0.00	25.16 1.08 -0.15	31.80 1.43 0.00	31.24 1.40 -0.08	33.17 1.52 0.00	28.39 1.30 0.00	23.69 1.13 0.00	22.00 0.89 0.00	20.82 0.80 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	18.16 0.25 0.00	16.64 0.23 0.00	15.67 0.22 0.00	14.58 0.19 0.00	14.85 0.21 0.00	15.42 0.17 0.00	16.20 0.10 -0.11	15.41 0.09 -0.12	15.45 0.06 -0.12	16.39 0.10 -0.03	16.41 0.13 0.00	16.47 0.08 0.00	17.52 0.12 0.00	18.43 0.07 0.00	19.81 0.04 0.00	20.35 0.06 0.00	24.31 0.12 -0.25	30.68 0.30 0.00	30.05 0.15 -0.14	31.87 0.22 0.00	27.47 0.38 0.00	22.88 0.32 0.00	21.30 0.19 0.00	20.32 0.30 0.00
GOUDEY____7 23579	18.18 0.27 0.00	16.66 0.25 0.00	15.69 0.23 0.00	14.60 0.20 0.00	14.86 0.22 0.00	15.44 0.18 0.00	16.22 0.11 -0.11	15.41 0.09 -0.12	15.46 0.08 -0.12	16.39 0.10 -0.03	16.42 0.15 0.00	16.49 0.10 0.00	17.52 0.12 0.00	18.43 0.07 0.00	19.83 0.06 0.00	20.37 0.08 0.00	24.33 0.14 -0.25	30.71 0.33 0.00	30.08 0.18 -0.14	31.90 0.25 0.00	27.49 0.41 0.00	22.90 0.34 0.00	21.32 0.21 0.00	20.32 0.30 0.00
GOUDEY____8 23580	18.16 0.25 0.00	16.64 0.23 0.00	15.67 0.22 0.00	14.58 0.19 0.00	14.85 0.21 0.00	15.42 0.17 0.00	16.20 0.10 -0.11	15.41 0.09 -0.12	15.45 0.06 -0.12	16.39 0.10 -0.03	16.41 0.13 0.00	16.47 0.08 0.00	17.52 0.12 0.00	18.43 0.07 0.00	19.81 0.04 0.00	20.35 0.06 0.00	24.31 0.12 -0.25	30.68 0.30 0.00	30.05 0.15 -0.14	31.87 0.22 0.00	27.47 0.38 0.00	22.88 0.32 0.00	21.30 0.19 0.00	20.32 0.30 0.00

GOWANUS_GT1_1 24077	18.86 0.95 0.00	17.16 0.75 0.00	16.12 0.66 0.00	15.05 0.65 0.00	15.31 0.66 0.00	15.96 0.70 0.00	17.54 0.77 -0.77	16.81 0.76 -0.85	17.01 0.87 -0.88	17.52 1.02 -0.23	17.35 1.07 0.00	17.54 1.15 0.00	18.60 1.20 0.00	19.72 1.36 0.00	21.24 1.46 0.00	21.69 1.40 0.00	26.66 1.87 -0.86	32.36 1.97 -0.01	32.18 1.93 -0.49	33.65 1.99 -0.01	28.61 1.52 0.00	23.92 1.35 0.00	22.26 1.14 0.00	20.95 0.92 0.00
GOWANUS_GT1_2 24078	18.86 0.95 0.00	17.16 0.75 0.00	16.12 0.66 0.00	15.05 0.65 0.00	15.31 0.66 0.00	15.96 0.70 0.00	17.54 0.77 -0.77	16.81 0.76 -0.85	17.01 0.87 -0.88	17.52 1.02 -0.23	17.35 1.07 0.00	17.54 1.15 0.00	18.60 1.20 0.00	19.72 1.36 0.00	21.24 1.46 0.00	21.69 1.40 0.00	26.66 1.87 -0.86	32.36 1.97 -0.01	32.18 1.93 -0.49	33.65 1.99 -0.01	28.61 1.52 0.00	23.92 1.35 0.00	22.26 1.14 0.00	20.95 0.92 0.00
GOWANUS_GT1_3 24079	18.86 0.95 0.00	17.16 0.75 0.00	16.12 0.66 0.00	15.05 0.65 0.00	15.31 0.66 0.00	15.96 0.70 0.00	17.54 0.77 -0.77	16.81 0.76 -0.85	17.01 0.87 -0.88	17.52 1.02 -0.23	17.35 1.07 0.00	17.54 1.15 0.00	18.60 1.20 0.00	19.72 1.36 0.00	21.24 1.46 0.00	21.69 1.40 0.00	26.66 1.87 -0.86	32.36 1.97 -0.01	32.18 1.93 -0.49	33.65 1.99 -0.01	28.61 1.52 0.00	23.92 1.35 0.00	22.26 1.14 0.00	20.95 0.92 0.00
GOWANUS_GT1_4 24080	18.86 0.95 0.00	17.16 0.75 0.00	16.12 0.66 0.00	15.05 0.65 0.00	15.31 0.66 0.00	15.96 0.70 0.00	17.54 0.77 -0.77	16.81 0.76 -0.85	17.01 0.87 -0.88	17.52 1.02 -0.23	17.35 1.07 0.00	17.54 1.15 0.00	18.60 1.20 0.00	19.72 1.36 0.00	21.24 1.46 0.00	21.69 1.40 0.00	26.66 1.87 -0.86	32.36 1.97 -0.01	32.18 1.93 -0.49	33.65 1.99 -0.01	28.61 1.52 0.00	23.92 1.35 0.00	22.26 1.14 0.00	20.95 0.92 0.00
GOWANUS_GT1_5 24084	18.86 0.95 0.00	17.16 0.75 0.00	16.12 0.66 0.00	15.05 0.65 0.00	15.31 0.66 0.00	15.96 0.70 0.00	17.54 0.77 -0.77	16.81 0.76 -0.85	17.01 0.87 -0.88	17.52 1.02 -0.23	17.35 1.07 0.00	17.54 1.15 0.00	18.60 1.20 0.00	19.72 1.36 0.00	21.24 1.46 0.00	21.69 1.40 0.00	26.66 1.87 -0.86	32.36 1.97 -0.01	32.18 1.93 -0.49	33.65 1.99 -0.01	28.61 1.52 0.00	23.92 1.35 0.00	22.26 1.14 0.00	20.95 0.92 0.00
GOWANUS_GT1_6 24111	18.86 0.95 0.00	17.16 0.75 0.00	16.12 0.66 0.00	15.05 0.65 0.00	15.31 0.66 0.00	15.96 0.70 0.00	17.54 0.77 -0.77	16.81 0.76 -0.85	17.01 0.87 -0.88	17.52 1.02 -0.23	17.35 1.07 0.00	17.54 1.15 0.00	18.60 1.20 0.00	19.72 1.36 0.00	21.24 1.46 0.00	21.69 1.40 0.00	26.66 1.87 -0.86	32.36 1.97 -0.01	32.18 1.93 -0.49	33.65 1.99 -0.01	28.61 1.52 0.00	23.92 1.35 0.00	22.26 1.14 0.00	20.95 0.92 0.00
GOWANUS_GT1_7 24112	18.86 0.95 0.00	17.16 0.75 0.00	16.12 0.66 0.00	15.05 0.65 0.00	15.31 0.66 0.00	15.96 0.70 0.00	17.54 0.77 -0.77	16.81 0.76 -0.85	17.01 0.87 -0.88	17.52 1.02 -0.23	17.35 1.07 0.00	17.54 1.15 0.00	18.60 1.20 0.00	19.72 1.36 0.00	21.24 1.46 0.00	21.69 1.40 0.00	26.66 1.87 -0.86	32.36 1.97 -0.01	32.18 1.93 -0.49	33.65 1.99 -0.01	28.61 1.52 0.00	23.92 1.35 0.00	22.26 1.14 0.00	20.95 0.92 0.00
GOWANUS_GT1_8 24113	18.86 0.95 0.00	17.16 0.75 0.00	16.12 0.66 0.00	15.05 0.65 0.00	15.31 0.66 0.00	15.96 0.70 0.00	17.54 0.77 -0.77	16.81 0.76 -0.85	17.01 0.87 -0.88	17.52 1.02 -0.23	17.35 1.07 0.00	17.54 1.15 0.00	18.60 1.20 0.00	19.72 1.36 0.00	21.24 1.46 0.00	21.69 1.40 0.00	26.66 1.87 -0.86	32.36 1.97 -0.01	32.18 1.93 -0.49	33.65 1.99 -0.01	28.61 1.52 0.00	23.92 1.35 0.00	22.26 1.14 0.00	20.95 0.92 0.00
GOWANUS_GT2_1 24114	18.79 0.88 0.00	17.10 0.69 0.00	16.02 0.57 0.01	14.99 0.59 0.00	15.25 0.61 0.00	15.91 0.66 0.00	17.45 0.69 -0.76	16.76 0.71 -0.84	16.96 0.82 -0.87	17.45 0.96 -0.22	17.28 1.01 0.00	17.47 1.08 0.00	18.54 1.15 0.00	19.64 1.28 0.00	21.15 1.38 0.00	21.58 1.30 0.00	26.56 1.77 -0.85	32.34 1.97 0.01	32.14 1.91 -0.47	33.63 1.99 0.01	28.52 1.43 0.00	23.85 1.29 0.00	22.16 1.06 0.00	20.88 0.86 0.00
GOWANUS_GT2_2 24115	18.79 0.88 0.00	17.10 0.69 0.00	16.02 0.57 0.01	14.99 0.59 0.00	15.25 0.61 0.00	15.91 0.66 0.00	17.45 0.69 -0.76	16.76 0.71 -0.84	16.96 0.82 -0.87	17.45 0.96 -0.22	17.28 1.01 0.00	17.47 1.08 0.00	18.54 1.15 0.00	19.64 1.28 0.00	21.15 1.38 0.00	21.58 1.30 0.00	26.56 1.77 -0.85	32.34 1.97 0.01	32.14 1.91 -0.47	33.63 1.99 0.01	28.52 1.43 0.00	23.85 1.29 0.00	22.16 1.06 0.00	20.88 0.86 0.00
GOWANUS_GT2_3 24116	18.79 0.88 0.00	17.10 0.69 0.00	16.02 0.57 0.01	14.99 0.59 0.00	15.25 0.61 0.00	15.91 0.66 0.00	17.45 0.69 -0.76	16.76 0.71 -0.84	16.96 0.82 -0.87	17.45 0.96 -0.22	17.28 1.01 0.00	17.47 1.08 0.00	18.54 1.15 0.00	19.64 1.28 0.00	21.15 1.38 0.00	21.58 1.30 0.00	26.56 1.77 -0.85	32.34 1.97 0.01	32.14 1.91 -0.47	33.63 1.99 0.01	28.52 1.43 0.00	23.85 1.29 0.00	22.16 1.06 0.00	20.88 0.86 0.00
GOWANUS_GT2_4 24117	18.79 0.88 0.00	17.10 0.69 0.00	16.02 0.57 0.01	14.99 0.59 0.00	15.25 0.61 0.00	15.91 0.66 0.00	17.45 0.69 -0.76	16.76 0.71 -0.84	16.96 0.82 -0.87	17.45 0.96 -0.22	17.28 1.01 0.00	17.47 1.08 0.00	18.54 1.15 0.00	19.64 1.28 0.00	21.15 1.38 0.00	21.58 1.30 0.00	26.56 1.77 -0.85	32.34 1.97 0.01	32.14 1.91 -0.47	33.63 1.99 0.01	28.52 1.43 0.00	23.85 1.29 0.00	22.16 1.06 0.00	20.88 0.86 0.00
GOWANUS_GT2_5 24118	18.79 0.88 0.00	17.10 0.69 0.00	16.02 0.57 0.01	14.99 0.59 0.00	15.25 0.61 0.00	15.91 0.66 0.00	17.45 0.69 -0.76	16.76 0.71 -0.84	16.96 0.82 -0.87	17.45 0.96 -0.22	17.28 1.01 0.00	17.47 1.08 0.00	18.54 1.15 0.00	19.64 1.28 0.00	21.15 1.38 0.00	21.58 1.30 0.00	26.56 1.77 -0.85	32.34 1.97 0.01	32.14 1.91 -0.47	33.63 1.99 0.01	28.52 1.43 0.00	23.85 1.29 0.00	22.16 1.06 0.00	20.88 0.86 0.00
GOWANUS_GT2_6 24119	18.79 0.88 0.00	17.10 0.69 0.00	16.02 0.57 0.01	14.99 0.59 0.00	15.25 0.61 0.00	15.91 0.66 0.00	17.45 0.69 -0.76	16.76 0.71 -0.84	16.96 0.82 -0.87	17.45 0.96 -0.22	17.28 1.01 0.00	17.47 1.08 0.00	18.54 1.15 0.00	19.64 1.28 0.00	21.15 1.38 0.00	21.58 1.30 0.00	26.56 1.77 -0.85	32.34 1.97 0.01	32.14 1.91 -0.47	33.63 1.99 0.01	28.52 1.43 0.00	23.85 1.29 0.00	22.16 1.06 0.00	20.88 0.86 0.00
GOWANUS_GT2_7 24120	18.79 0.88 0.00	17.10 0.69 0.00	16.02 0.57 0.01	14.99 0.59 0.00	15.25 0.61 0.00	15.91 0.66 0.00	17.45 0.69 -0.76	16.76 0.71 -0.84	16.96 0.82 -0.87	17.45 0.96 -0.22	17.28 1.01 0.00	17.47 1.08 0.00	18.54 1.15 0.00	19.64 1.28 0.00	21.15 1.38 0.00	21.58 1.30 0.00	26.56 1.77 -0.85	32.34 1.97 0.01	32.14 1.91 -0.47	33.63 1.99 0.01	28.52 1.43 0.00	23.85 1.29 0.00	22.16 1.06 0.00	20.88 0.86 0.00

GOWANUS_GT2_8 24121	18.79 0.88 0.00	17.10 0.69 0.00	16.02 0.57 0.01	14.99 0.59 0.00	15.25 0.61 0.00	15.91 0.66 0.00	17.45 0.69 -0.76	16.76 0.71 -0.84	16.96 0.82 -0.87	17.45 0.96 -0.22	17.28 1.01 0.00	17.47 1.08 0.00	18.54 1.15 0.00	19.64 1.28 0.00	21.15 1.38 0.00	21.58 1.30 0.00	26.56 1.77 -0.85	32.34 1.97 0.01	32.14 1.91 -0.47	33.63 1.99 0.01	28.52 1.43 0.00	23.85 1.29 0.00	22.16 1.06 0.00	20.88 0.86 0.00
GOWANUS_GT3_1 24122	18.86 0.95 0.00	17.17 0.76 0.00	16.12 0.66 0.00	15.04 0.63 -0.01	15.31 0.66 0.00	15.96 0.70 0.00	17.51 0.74 -0.77	16.81 0.76 -0.85	17.01 0.87 -0.88	17.52 1.03 -0.23	17.35 1.07 0.00	17.54 1.15 0.00	18.62 1.22 0.00	19.72 1.36 0.00	21.24 1.46 0.00	21.67 1.38 0.00	26.68 1.89 -0.86	32.42 2.04 -0.01	32.18 1.93 -0.49	33.65 1.99 -0.01	28.64 1.54 0.00	23.92 1.35 0.00	22.25 1.14 0.00	20.95 0.92 0.00
GOWANUS_GT3_2 24123	18.86 0.95 0.00	17.17 0.76 0.00	16.12 0.66 0.00	15.04 0.63 -0.01	15.31 0.66 0.00	15.96 0.70 0.00	17.51 0.74 -0.77	16.81 0.76 -0.85	17.01 0.87 -0.88	17.52 1.03 -0.23	17.35 1.07 0.00	17.54 1.15 0.00	18.62 1.22 0.00	19.72 1.36 0.00	21.24 1.46 0.00	21.67 1.38 0.00	26.68 1.89 -0.86	32.42 2.04 -0.01	32.18 1.93 -0.49	33.65 1.99 -0.01	28.64 1.54 0.00	23.92 1.35 0.00	22.25 1.14 0.00	20.95 0.92 0.00
GOWANUS_GT3_3 24124	18.86 0.95 0.00	17.17 0.76 0.00	16.12 0.66 0.00	15.04 0.63 -0.01	15.31 0.66 0.00	15.96 0.70 0.00	17.51 0.74 -0.77	16.81 0.76 -0.85	17.01 0.87 -0.88	17.52 1.03 -0.23	17.35 1.07 0.00	17.54 1.15 0.00	18.62 1.22 0.00	19.72 1.36 0.00	21.24 1.46 0.00	21.67 1.38 0.00	26.68 1.89 -0.86	32.42 2.04 -0.01	32.18 1.93 -0.49	33.65 1.99 -0.01	28.64 1.54 0.00	23.92 1.35 0.00	22.25 1.14 0.00	20.95 0.92 0.00
GOWANUS_GT3_4 24125	18.86 0.95 0.00	17.17 0.76 0.00	16.12 0.66 0.00	15.04 0.63 -0.01	15.31 0.66 0.00	15.96 0.70 0.00	17.51 0.74 -0.77	16.81 0.76 -0.85	17.01 0.87 -0.88	17.52 1.03 -0.23	17.35 1.07 0.00	17.54 1.15 0.00	18.62 1.22 0.00	19.72 1.36 0.00	21.24 1.46 0.00	21.67 1.38 0.00	26.68 1.89 -0.86	32.42 2.04 -0.01	32.18 1.93 -0.49	33.65 1.99 -0.01	28.64 1.54 0.00	23.92 1.35 0.00	22.25 1.14 0.00	20.95 0.92 0.00
GOWANUS_GT3_5 24126	18.86 0.95 0.00	17.17 0.76 0.00	16.12 0.66 0.00	15.04 0.63 -0.01	15.31 0.66 0.00	15.96 0.70 0.00	17.51 0.74 -0.77	16.81 0.76 -0.85	17.01 0.87 -0.88	17.52 1.03 -0.23	17.35 1.07 0.00	17.54 1.15 0.00	18.62 1.22 0.00	19.72 1.36 0.00	21.24 1.46 0.00	21.67 1.38 0.00	26.68 1.89 -0.86	32.42 2.04 -0.01	32.18 1.93 -0.49	33.65 1.99 -0.01	28.64 1.54 0.00	23.92 1.35 0.00	22.25 1.14 0.00	20.95 0.92 0.00
GOWANUS_GT3_6 24127	18.86 0.95 0.00	17.17 0.76 0.00	16.12 0.66 0.00	15.04 0.63 -0.01	15.31 0.66 0.00	15.96 0.70 0.00	17.51 0.74 -0.77	16.81 0.76 -0.85	17.01 0.87 -0.88	17.52 1.03 -0.23	17.35 1.07 0.00	17.54 1.15 0.00	18.62 1.22 0.00	19.72 1.36 0.00	21.24 1.46 0.00	21.67 1.38 0.00	26.68 1.89 -0.86	32.42 2.04 -0.01	32.18 1.93 -0.49	33.65 1.99 -0.01	28.64 1.54 0.00	23.92 1.35 0.00	22.25 1.14 0.00	20.95 0.92 0.00
GOWANUS_GT3_7 24128	18.86 0.95 0.00	17.17 0.76 0.00	16.12 0.66 0.00	15.04 0.63 -0.01	15.31 0.66 0.00	15.96 0.70 0.00	17.51 0.74 -0.77	16.81 0.76 -0.85	17.01 0.87 -0.88	17.52 1.03 -0.23	17.35 1.07 0.00	17.54 1.15 0.00	18.62 1.22 0.00	19.72 1.36 0.00	21.24 1.46 0.00	21.67 1.38 0.00	26.68 1.89 -0.86	32.42 2.04 -0.01	32.18 1.93 -0.49	33.65 1.99 -0.01	28.64 1.54 0.00	23.92 1.35 0.00	22.25 1.14 0.00	20.95 0.92 0.00
GOWANUS_GT3_8 24129	18.86 0.95 0.00	17.17 0.76 0.00	16.12 0.66 0.00	15.04 0.63 -0.01	15.31 0.66 0.00	15.96 0.70 0.00	17.51 0.74 -0.77	16.81 0.76 -0.85	17.01 0.87 -0.88	17.52 1.03 -0.23	17.35 1.07 0.00	17.54 1.15 0.00	18.62 1.22 0.00	19.72 1.36 0.00	21.24 1.46 0.00	21.67 1.38 0.00	26.68 1.89 -0.86	32.42 2.04 -0.01	32.18 1.93 -0.49	33.65 1.99 -0.01	28.64 1.54 0.00	23.92 1.35 0.00	22.25 1.14 0.00	20.95 0.92 0.00
GOWANUS_GT4_1 24130	18.79 0.88 0.00	17.10 0.69 0.00	16.03 0.57 0.00	14.99 0.60 0.00	15.25 0.62 0.00	15.91 0.66 0.00	17.48 0.72 -0.76	16.76 0.71 -0.84	16.96 0.82 -0.87	17.45 0.96 -0.22	17.28 1.01 0.00	17.47 1.08 0.00	18.53 1.13 0.00	19.62 1.27 0.00	21.15 1.38 0.00	21.60 1.32 0.00	26.56 1.77 -0.85	32.31 1.94 0.01	32.14 1.90 -0.47	33.60 1.96 0.01	28.52 1.44 0.00	23.85 1.29 0.00	22.16 1.06 0.00	20.88 0.86 0.00
GOWANUS_GT4_2 24131	18.79 0.88 0.00	17.10 0.69 0.00	16.03 0.57 0.00	14.99 0.60 0.00	15.25 0.62 0.00	15.91 0.66 0.00	17.48 0.72 -0.76	16.76 0.71 -0.84	16.96 0.82 -0.87	17.45 0.96 -0.22	17.28 1.01 0.00	17.47 1.08 0.00	18.53 1.13 0.00	19.62 1.27 0.00	21.15 1.38 0.00	21.60 1.32 0.00	26.56 1.77 -0.85	32.31 1.94 0.01	32.14 1.90 -0.47	33.60 1.96 0.01	28.52 1.44 0.00	23.85 1.29 0.00	22.16 1.06 0.00	20.88 0.86 0.00
GOWANUS_GT4_3 24132	18.79 0.88 0.00	17.10 0.69 0.00	16.03 0.57 0.00	14.99 0.60 0.00	15.25 0.62 0.00	15.91 0.66 0.00	17.48 0.72 -0.76	16.76 0.71 -0.84	16.96 0.82 -0.87	17.45 0.96 -0.22	17.28 1.01 0.00	17.47 1.08 0.00	18.53 1.13 0.00	19.62 1.27 0.00	21.15 1.38 0.00	21.60 1.32 0.00	26.56 1.77 -0.85	32.31 1.94 0.01	32.14 1.90 -0.47	33.60 1.96 0.01	28.52 1.44 0.00	23.85 1.29 0.00	22.16 1.06 0.00	20.88 0.86 0.00
GOWANUS_GT4_4 24133	18.79 0.88 0.00	17.10 0.69 0.00	16.03 0.57 0.00	14.99 0.60 0.00	15.25 0.62 0.00	15.91 0.66 0.00	17.48 0.72 -0.76	16.76 0.71 -0.84	16.96 0.82 -0.87	17.45 0.96 -0.22	17.28 1.01 0.00	17.47 1.08 0.00	18.53 1.13 0.00	19.62 1.27 0.00	21.15 1.38 0.00	21.60 1.32 0.00	26.56 1.77 -0.85	32.31 1.94 0.01	32.14 1.90 -0.47	33.60 1.96 0.01	28.52 1.44 0.00	23.85 1.29 0.00	22.16 1.06 0.00	20.88 0.86 0.00
GOWANUS_GT4_5 24134	18.79 0.88 0.00	17.10 0.69 0.00	16.03 0.57 0.00	14.99 0.60 0.00	15.25 0.62 0.00	15.91 0.66 0.00	17.48 0.72 -0.76	16.76 0.71 -0.84	16.96 0.82 -0.87	17.45 0.96 -0.22	17.28 1.01 0.00	17.47 1.08 0.00	18.53 1.13 0.00	19.62 1.27 0.00	21.15 1.38 0.00	21.60 1.32 0.00	26.56 1.77 -0.85	32.31 1.94 0.01	32.14 1.90 -0.47	33.60 1.96 0.01	28.52 1.44 0.00	23.85 1.29 0.00	22.16 1.06 0.00	20.88 0.86 0.00
GOWANUS_GT4_6 24135	18.79 0.88 0.00	17.10 0.69 0.00	16.03 0.57 0.00	14.99 0.60 0.00	15.25 0.62 0.00	15.91 0.66 0.00	17.48 0.72 -0.76	16.76 0.71 -0.84	16.96 0.82 -0.87	17.45 0.96 -0.22	17.28 1.01 0.00	17.47 1.08 0.00	18.53 1.13 0.00	19.62 1.27 0.00	21.15 1.38 0.00	21.60 1.32 0.00	26.56 1.77 -0.85	32.31 1.94 0.01	32.14 1.90 -0.47	33.60 1.96 0.01	28.52 1.44 0.00	23.85 1.29 0.00	22.16 1.06 0.00	20.88 0.86 0.00

GOWANUS_GT4_7 24136	18.79 0.88 0.00	17.10 0.69 0.00	16.03 0.57 0.00	14.99 0.60 0.00	15.25 0.62 0.00	15.91 0.66 0.00	17.48 0.72 -0.76	16.76 0.71 -0.84	16.96 0.82 -0.87	17.45 0.96 -0.22	17.28 1.01 0.00	17.47 1.08 0.00	18.53 1.13 0.00	19.62 1.27 0.00	21.15 1.38 0.00	21.60 1.32 0.00	26.56 1.77 -0.85	32.31 1.94 0.01	32.14 1.90 -0.47	33.60 1.96 0.01	28.52 1.44 0.00	23.85 1.29 0.00	22.16 1.06 0.00	20.88 0.86 0.00
GOWANUS_GT4_8 24137	18.79 0.88 0.00	17.10 0.69 0.00	16.03 0.57 0.00	14.99 0.60 0.00	15.25 0.62 0.00	15.91 0.66 0.00	17.48 0.72 -0.76	16.76 0.71 -0.84	16.96 0.82 -0.87	17.45 0.96 -0.22	17.28 1.01 0.00	17.47 1.08 0.00	18.53 1.13 0.00	19.62 1.27 0.00	21.15 1.38 0.00	21.60 1.32 0.00	26.56 1.77 -0.85	32.31 1.94 0.01	32.14 1.90 -0.47	33.60 1.96 0.01	28.52 1.44 0.00	23.85 1.29 0.00	22.16 1.06 0.00	20.88 0.86 0.00
GREENBSH_115KV_TB3 55895	18.27 0.36 0.00	16.75 0.34 0.00	15.83 0.37 0.00	14.77 0.37 0.00	15.00 0.35 0.00	15.62 0.37 0.00	17.36 0.37 -0.99	16.64 0.35 -1.09	16.73 0.34 -1.13	16.91 0.36 -0.29	16.58 0.31 0.00	16.72 0.33 0.00	17.71 0.31 0.00	18.76 0.40 0.00	20.18 0.42 0.00	20.75 0.47 0.00	25.63 0.60 -1.09	31.16 0.79 0.00	31.15 0.77 -0.61	32.50 0.85 0.00	27.66 0.57 0.00	23.02 0.45 0.00	21.45 0.34 0.00	20.26 0.24 0.00
GREENDGE_115KV_TB5 80291	18.29 0.38 0.00	16.79 0.38 0.00	15.78 0.32 0.00	14.68 0.29 0.00	14.97 0.32 0.00	15.51 0.26 0.00	16.27 0.21 -0.07	15.46 0.18 -0.07	15.46 0.12 -0.08	16.42 0.13 -0.02	16.47 0.20 0.00	16.51 0.11 0.00	17.56 0.16 0.00	18.46 0.11 0.00	19.85 0.08 0.00	20.41 0.12 0.00	24.26 0.17 -0.16	30.83 0.46 0.00	30.15 0.30 -0.09	32.00 0.35 0.00	27.71 0.62 0.00	23.04 0.47 0.00	21.43 0.32 0.00	20.50 0.48 0.00
GREENIDGE___3 23582	18.29 0.38 0.00	16.79 0.38 0.00	15.78 0.32 0.00	14.68 0.29 0.00	14.97 0.32 0.00	15.51 0.26 0.00	16.27 0.21 -0.07	15.46 0.18 -0.07	15.46 0.12 -0.08	16.42 0.13 -0.02	16.47 0.20 0.00	16.51 0.11 0.00	17.56 0.16 0.00	18.46 0.11 0.00	19.85 0.08 0.00	20.41 0.12 0.00	24.26 0.17 -0.16	30.83 0.46 0.00	30.15 0.30 -0.09	32.00 0.35 0.00	27.71 0.62 0.00	23.04 0.47 0.00	21.43 0.32 0.00	20.50 0.48 0.00
GREENIDGE___4 23583	18.29 0.38 0.00	16.79 0.38 0.00	15.78 0.33 0.00	14.70 0.30 0.00	14.97 0.32 0.00	15.51 0.26 0.00	16.29 0.22 -0.07	15.46 0.18 -0.07	15.46 0.12 -0.08	16.41 0.13 -0.02	16.47 0.20 0.00	16.51 0.12 0.00	17.59 0.19 0.00	18.47 0.11 0.00	19.85 0.08 0.00	20.43 0.14 0.00	24.26 0.17 -0.16	30.80 0.43 0.00	30.21 0.36 -0.09	31.96 0.32 0.00	27.71 0.62 0.00	23.04 0.47 0.00	21.43 0.32 0.00	20.50 0.48 0.00
GREENLWN_69_KV_BK 3 55738	19.18 1.27 0.00	17.35 0.94 0.00	16.23 0.77 0.00	15.07 0.68 0.00	15.38 0.73 0.00	16.25 0.99 0.00	17.79 1.02 -0.77	17.05 1.00 -0.84	17.28 1.14 -0.87	17.81 1.32 -0.23	19.50 1.33 -1.89	20.18 1.38 -2.41	21.13 1.43 -2.30	27.29 1.56 -7.37	27.64 1.66 -6.21	29.17 1.68 -7.20	32.59 2.13 -6.52	36.67 2.55 -3.74	34.73 2.47 -2.50	37.11 2.60 -2.87	32.73 2.03 -3.61	29.13 1.76 -4.80	24.64 1.58 -1.94	22.27 1.42 -0.83
GREENWD_138_KV_38B11_REV_LBMP_J 345004	18.79 0.88 0.00	17.10 0.69 0.00	16.03 0.57 0.00	14.99 0.60 0.00	15.25 0.62 0.00	15.91 0.66 0.00	17.48 0.72 -0.76	16.76 0.71 -0.84	16.96 0.82 -0.87	17.45 0.96 -0.22	17.28 1.01 0.00	17.47 1.08 0.00	18.53 1.13 0.00	19.62 1.27 0.00	21.15 1.38 0.00	21.60 1.32 0.00	26.56 1.77 -0.85	32.31 1.94 0.01	32.14 1.90 -0.47	33.60 1.96 0.01	28.52 1.44 0.00	23.85 1.29 0.00	22.16 1.06 0.00	20.88 0.86 0.00
GRISSOM___SOLAR 323813	19.43 1.52 0.00	17.76 1.35 0.00	16.76 1.30 0.00	15.62 1.22 -0.01	15.84 1.20 0.00	16.55 1.30 0.00	18.49 1.39 -1.10	17.73 1.32 -1.21	17.75 1.24 -1.25	17.81 1.22 -0.32	17.38 1.11 0.00	17.57 1.18 0.00	18.72 1.32 0.00	19.93 1.58 0.00	21.71 1.94 0.00	22.30 2.01 0.00	27.80 2.56 -1.30	33.99 3.61 0.00	34.15 3.66 -0.73	35.73 4.08 0.00	30.34 3.25 0.00	25.16 2.59 0.00	23.22 2.11 0.00	21.84 1.82 0.00
GROVEVILLE___HYD 323602	18.86 0.95 0.00	17.20 0.79 0.00	16.20 0.74 0.00	15.09 0.69 0.00	15.33 0.75 0.00	16.00 0.99 0.00	17.52 0.75 -0.77	16.78 0.73 -0.85	16.92 0.78 -0.88	17.34 0.85 -0.23	17.14 0.86 0.00	17.26 0.87 0.00	18.32 0.92 0.00	19.38 1.03 0.00	20.84 1.07 0.00	21.42 1.14 0.00	26.30 1.51 -0.86	32.17 1.79 0.00	32.00 1.76 -0.48	33.55 1.90 0.00	28.61 1.52 0.00	23.85 1.29 0.00	22.15 1.03 0.00	20.90 0.88 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	18.04 0.13 0.00	16.54 0.13 0.00	15.57 0.11 0.00	14.50 0.10 0.00	14.76 0.12 0.00	15.33 0.08 0.00	16.11 0.08 -0.03	15.32 0.08 -0.04	15.35 0.05 -0.04	16.31 0.03 -0.01	16.34 0.07 0.00	16.42 0.03 0.00	17.47 0.07 0.00	18.41 0.06 0.00	19.79 0.02 0.00	20.31 0.02 0.00	24.11 0.10 -0.08	30.59 0.21 0.00	29.99 0.18 -0.05	31.81 0.16 0.00	27.39 0.30 0.00	22.79 0.23 0.00	21.26 0.15 0.00	20.24 0.22 0.00
HAMLTNNY_34_KV_TB 80303	18.00 0.09 0.00	16.51 0.10 0.00	15.54 0.08 0.00	14.45 0.06 0.00	14.72 0.07 0.00	15.30 0.05 0.00	16.08 0.05 -0.04	15.29 0.05 -0.04	15.32 0.02 -0.04	16.26 -0.02 -0.01	16.29 0.02 0.00	16.39 0.00 0.00	17.42 0.02 0.00	18.35 0.00 0.00	19.75 -0.02 0.00	20.25 -0.04 0.00	24.05 0.02 -0.09	30.53 0.15 0.00	29.90 0.09 -0.05	31.74 0.09 0.00	27.33 0.24 0.00	22.74 0.18 0.00	21.20 0.08 0.00	20.20 0.18 0.00
HAMPSHIRE___PAPER_HYD 323593	17.48 -0.43 0.00	16.03 -0.38 0.00	15.06 -0.40 0.00	14.01 -0.39 0.00	14.28 -0.37 0.00	14.89 -0.37 0.00	15.68 -0.32 0.00	14.93 -0.27 0.00	14.97 -0.29 0.00	15.96 -0.31 0.00	15.95 -0.33 0.00	16.08 -0.31 0.00	17.07 -0.33 0.00	17.97 -0.39 0.00	19.39 -0.38 0.00	19.88 -0.41 0.00	23.48 -0.48 -0.02	29.89 -0.49 0.00	29.39 -0.39 -0.01	31.30 -0.35 0.00	26.76 -0.32 0.00	22.27 -0.29 0.00	20.84 -0.28 0.00	19.64 -0.38 0.00
HARDSCRABBLE_WT_PWR 323673	17.86 -0.05 0.00	16.38 -0.03 0.00	15.44 -0.02 0.00	14.41 0.01 0.00	14.67 0.03 0.00	15.29 0.03 0.00	16.05 0.05 0.00	15.26 0.06 0.00	15.36 0.09 0.00	16.38 0.11 0.00	16.34 0.07 0.00	16.46 0.07 0.00	17.49 0.09 0.00	18.45 0.09 0.00	19.87 0.10 0.00	20.39 0.10 0.00	24.12 0.19 0.00	30.62 0.24 0.00	30.03 0.27 0.00	31.93 0.28 0.00	27.36 0.27 0.00	22.84 0.27 0.00	21.30 0.19 0.00	20.20 0.18 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	18.72 0.81 0.00	17.08 0.67 0.00	16.09 0.63 0.00	14.98 0.59 0.00	15.23 0.59 0.00	15.88 0.63 0.00	17.33 0.64 -0.69	16.60 0.64 -0.76	16.75 0.70 -0.78	17.23 0.76 -0.20	17.06 0.78 0.00	17.18 0.79 0.00	18.22 0.82 0.00	19.27 0.92 0.00	20.74 0.97 0.00	21.30 1.01 0.00	26.09 1.36 -0.79	31.95 1.58 0.00	31.75 1.55 -0.44	33.29 1.65 0.00	28.39 1.30 0.00	23.67 1.11 0.00	22.02 0.91 0.00	20.78 0.76 0.00

HARSNRAD_115KV_TB1 81005	18.16 0.25 0.00	16.66 0.25 0.00	15.64 0.19 0.00	14.60 0.20 0.00	14.86 0.22 0.00	15.39 0.14 0.00	15.95 -0.10 -0.05	15.00 -0.26 -0.05	14.97 -0.35 -0.06	15.87 -0.41 -0.01	16.03 -0.24 0.00	16.01 -0.38 0.00	17.07 -0.33 0.00	17.82 -0.53 0.00	19.18 -0.59 0.00	19.72 -0.57 0.00	23.12 -0.93 -0.12	29.31 -1.06 0.00	28.46 -1.37 -0.07	30.25 -1.39 0.00	26.52 -0.57 0.00	22.18 -0.38 0.00	20.58 -0.53 0.00	20.14 0.12 0.00
HARZA MOOSE__RIVER 24016	18.04 0.13 0.00	16.54 0.13 0.00	15.54 0.08 0.00	14.47 0.07 0.00	14.75 0.10 0.00	15.36 0.11 0.00	16.11 0.11 0.00	15.34 0.14 0.00	15.39 0.12 0.00	16.36 0.10 0.00	16.36 0.08 0.00	16.47 0.08 0.00	17.52 0.12 0.00	18.46 0.11 0.00	19.87 0.10 0.00	20.41 0.12 0.00	24.18 0.22 -0.03	30.77 0.39 0.00	30.22 0.45 -0.02	32.15 0.51 0.00	27.58 0.49 0.00	22.97 0.41 0.00	21.39 0.27 0.00	20.24 0.22 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	17.88 -0.04 0.00	16.39 -0.02 0.00	15.43 -0.03 0.00	14.37 -0.03 0.00	14.61 -0.03 0.00	15.19 -0.06 0.00	15.97 -0.06 -0.03	15.16 -0.08 -0.03	15.19 -0.11 -0.04	16.14 -0.13 -0.01	16.18 -0.10 0.00	16.28 -0.11 0.00	17.30 -0.10 0.00	18.23 -0.13 0.00	19.61 -0.16 0.00	20.11 -0.18 0.00	23.84 -0.17 -0.07	30.22 -0.15 0.00	29.63 -0.18 -0.04	31.46 -0.19 0.00	27.06 -0.03 0.00	22.52 -0.05 0.00	21.01 -0.11 0.00	20.02 0.00 0.00
HELLGATE_13_KV_LD 55870	18.86 0.95 0.00	17.18 0.77 0.00	16.20 0.74 0.00	15.07 0.68 0.00	15.33 0.69 0.00	15.99 0.73 0.00	17.57 0.80 -0.77	16.82 0.78 -0.84	17.02 0.89 -0.87	17.50 1.01 -0.23	17.33 1.06 0.00	17.51 1.11 0.00	18.57 1.17 0.00	19.64 1.28 0.00	21.17 1.40 0.00	21.65 1.36 0.00	26.58 1.80 -0.85	32.26 1.88 0.00	32.06 1.82 -0.48	33.55 1.90 0.00	28.58 1.49 0.00	23.90 1.33 0.00	22.23 1.12 0.00	20.94 0.92 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	18.86 0.95 0.00	17.18 0.77 0.00	16.20 0.74 0.00	15.07 0.68 0.00	15.33 0.69 0.00	15.99 0.73 0.00	17.57 0.80 -0.77	16.82 0.78 -0.84	17.02 0.89 -0.87	17.50 1.01 -0.23	17.33 1.06 0.00	17.51 1.11 0.00	18.57 1.17 0.00	19.64 1.28 0.00	21.17 1.40 0.00	21.65 1.36 0.00	26.58 1.80 -0.85	32.26 1.88 0.00	32.06 1.82 -0.48	33.55 1.90 0.00	28.58 1.49 0.00	23.90 1.33 0.00	22.23 1.12 0.00	20.94 0.92 0.00
HEMPSTEAD____ 23647	19.06 1.15 0.00	17.25 0.84 0.00	16.19 0.73 0.00	15.02 0.62 -0.01	15.32 0.67 0.00	16.16 0.90 0.00	17.66 0.90 -0.77	16.96 0.91 -0.84	17.18 1.04 -0.88	17.66 1.17 -0.23	19.37 1.20 -1.89	20.05 1.25 -2.41	20.99 1.29 -2.30	27.14 1.41 -7.37	27.48 1.50 -6.21	29.01 1.52 -7.20	32.40 1.94 -6.52	36.39 2.28 -3.74	34.43 2.17 -2.50	36.80 2.28 -2.87	32.54 1.84 -3.61	28.97 1.60 -4.80	24.45 1.39 -1.95	22.07 1.22 -0.83
HEWLETT__69_KV_BK3 55828	19.24 1.33 0.00	17.41 1.00 0.00	16.31 0.85 0.00	15.14 0.75 0.00	15.45 0.81 0.00	16.29 1.04 0.00	17.84 1.07 -0.77	17.09 1.05 -0.84	17.31 1.18 -0.87	17.84 1.35 -0.23	19.53 1.37 -1.89	20.21 1.41 -2.41	21.16 1.46 -2.30	27.32 1.60 -7.37	27.72 1.74 -6.21	29.23 1.74 -7.20	32.66 2.20 -6.52	36.76 2.64 -3.74	34.82 2.56 -2.50	37.24 2.72 -2.87	32.84 2.14 -3.61	29.22 1.85 -4.80	24.70 1.65 -1.94	22.33 1.48 -0.83
HICKLING__1 23621	18.32 0.41 0.00	16.82 0.41 0.00	15.84 0.39 0.00	14.73 0.33 0.00	15.01 0.37 0.00	15.54 0.29 0.00	16.23 0.14 -0.09	15.42 0.12 -0.09	15.44 0.08 -0.10	16.42 0.13 -0.03	16.49 0.21 0.00	16.51 0.11 0.00	17.56 0.16 0.00	18.41 0.06 0.00	19.79 0.02 0.00	20.35 0.06 0.00	24.13 0.00 -0.20	30.68 0.30 0.00	29.87 0.00 -0.11	31.81 0.16 0.00	27.58 0.49 0.00	22.97 0.41 0.00	21.36 0.25 0.00	20.48 0.46 0.00
HICKLING__2 23622	18.32 0.41 0.00	16.82 0.41 0.00	15.84 0.39 0.00	14.73 0.33 0.00	15.01 0.37 0.00	15.54 0.29 0.00	16.23 0.14 -0.09	15.42 0.12 -0.09	15.44 0.08 -0.10	16.42 0.13 -0.03	16.49 0.21 0.00	16.51 0.11 0.00	17.56 0.16 0.00	18.41 0.06 0.00	19.79 0.02 0.00	20.35 0.06 0.00	24.13 0.00 -0.20	30.68 0.30 0.00	29.87 0.00 -0.11	31.81 0.16 0.00	27.58 0.49 0.00	22.97 0.41 0.00	21.36 0.25 0.00	20.48 0.46 0.00
HIGH FALLS__HY 23754	18.77 0.86 0.00	17.10 0.69 0.00	16.08 0.62 0.00	14.97 0.58 0.00	15.23 0.59 0.00	15.88 0.63 0.00	17.39 0.64 -0.75	16.63 0.61 -0.82	16.81 0.69 -0.85	17.23 0.75 -0.22	17.02 0.75 0.00	17.16 0.77 0.00	18.08 0.68 0.00	19.11 0.75 0.00	20.54 0.77 0.00	21.12 0.83 0.00	25.95 1.17 -0.84	31.71 1.34 0.00	31.54 1.31 -0.47	33.07 1.42 0.00	28.44 1.35 0.00	23.74 1.17 0.00	22.04 0.93 0.00	20.80 0.78 0.00
HILLBURN__GT 23639	18.74 0.82 0.00	17.08 0.67 0.00	16.12 0.66 0.00	15.00 0.60 0.00	15.24 0.60 0.00	15.91 0.66 0.00	17.38 0.67 -0.70	16.65 0.67 -0.78	16.82 0.75 -0.80	17.30 0.83 -0.21	17.12 0.85 0.00	17.26 0.87 0.00	18.29 0.89 0.00	19.33 0.97 0.00	20.82 1.05 0.00	21.34 1.05 0.00	26.15 1.41 -0.80	32.01 1.64 0.00	31.79 1.58 -0.45	33.29 1.64 0.00	28.39 1.30 0.00	23.69 1.13 0.00	22.04 0.93 0.00	20.78 0.76 0.00
HILLSIDE_115KV_TB1 80332	18.09 0.18 0.00	16.59 0.18 0.00	15.63 0.17 0.00	14.54 0.14 0.00	14.80 0.16 0.00	15.33 0.08 0.00	16.02 -0.06 -0.09	15.21 -0.09 -0.10	15.26 -0.11 -0.10	16.23 -0.07 -0.03	16.29 0.02 0.00	16.31 -0.08 0.00	17.35 -0.05 0.00	18.19 -0.17 0.00	19.57 -0.20 0.00	20.11 -0.18 0.00	23.83 -0.31 -0.21	30.25 -0.12 0.00	29.49 -0.39 -0.12	31.39 -0.25 0.00	27.17 0.08 0.00	22.65 0.09 0.00	21.07 -0.04 0.00	20.18 0.16 0.00
HISHELDN_WT_PWR 323625	18.23 0.32 0.00	16.77 0.36 0.00	15.77 0.31 0.00	14.71 0.32 0.00	14.97 0.32 0.00	15.45 0.20 0.00	16.04 -0.02 -0.06	15.13 -0.14 -0.06	15.12 -0.21 -0.07	16.09 -0.19 -0.02	16.23 -0.05 0.00	16.21 -0.18 0.00	17.31 -0.09 0.00	18.17 -0.18 0.00	19.41 -0.36 0.00	20.00 -0.28 0.00	23.43 -0.65 -0.14	29.80 -0.58 0.00	29.01 -0.83 -0.08	30.70 -0.95 0.00	26.90 -0.19 0.00	22.47 -0.09 0.00	20.86 -0.25 0.00	20.28 0.26 0.00
HOLTSVILLE_IC_1 23690	19.42 1.50 0.00	17.53 1.12 0.00	16.38 0.93 0.00	15.19 0.79 0.00	15.52 0.88 0.00	16.44 1.19 0.00	17.97 1.20 -0.77	17.25 1.20 -0.84	17.47 1.33 -0.87	18.00 1.51 -0.23	19.66 1.50 -1.89	20.33 1.52 -2.41	21.29 1.58 -2.30	27.45 1.72 -7.37	27.74 1.76 -6.21	29.25 1.76 -7.20	32.71 2.25 -6.52	36.94 2.83 -3.74	34.98 2.71 -2.51	37.37 2.85 -2.88	32.92 2.22 -3.61	29.31 1.94 -4.80	24.87 1.82 -1.94	22.49 1.64 -0.83
HOLTSVILLE_IC_10 23699	19.52 1.61 0.00	17.61 1.20 0.00	16.46 1.00 0.00	15.25 0.85 0.00	15.58 0.94 0.00	16.52 1.27 0.00	18.05 1.28 -0.77	17.32 1.28 -0.84	17.56 1.42 -0.87	18.09 1.59 -0.23	19.76 1.60 -1.89	20.42 1.62 -2.41	21.39 1.69 -2.30	27.58 1.85 -7.37	27.90 1.92 -6.21	29.44 1.95 -7.20	32.92 2.47 -6.52	37.22 3.10 -3.74	35.24 2.98 -2.50	37.66 3.13 -2.88	33.16 2.46 -3.61	29.48 2.12 -4.80	25.02 1.96 -1.94	22.63 1.78 -0.83

HOLTSVILLE_IC_2 23691	19.42 1.50 0.00	17.53 1.12 0.00	16.38 0.93 0.00	15.19 0.79 0.00	15.52 0.88 0.00	16.44 1.19 0.00	17.97 1.20 -0.77	17.25 1.20 -0.84	17.47 1.33 -0.87	18.00 1.51 -0.23	19.66 1.50 -1.89	20.33 1.52 -2.41	21.29 1.58 -2.30	27.45 1.72 -7.37	27.74 1.76 -6.21	29.25 1.76 -7.20	32.71 2.25 -6.52	36.94 2.83 -3.74	34.98 2.71 -2.51	37.37 2.85 -2.88	32.92 2.22 -3.61	29.31 1.94 -4.80	24.87 1.82 -1.94	22.49 1.64 -0.83
HOLTSVILLE_IC_3 23692	19.42 1.50 0.00	17.53 1.12 0.00	16.38 0.93 0.00	15.19 0.79 0.00	15.52 0.88 0.00	16.44 1.19 0.00	17.97 1.20 -0.77	17.25 1.20 -0.84	17.47 1.33 -0.87	18.00 1.51 -0.23	19.66 1.50 -1.89	20.33 1.52 -2.41	21.29 1.58 -2.30	27.45 1.72 -7.37	27.74 1.76 -6.21	29.25 1.76 -7.20	32.71 2.25 -6.52	36.94 2.83 -3.74	34.98 2.71 -2.51	37.37 2.85 -2.88	32.92 2.22 -3.61	29.31 1.94 -4.80	24.87 1.82 -1.94	22.49 1.64 -0.83
HOLTSVILLE_IC_4 23693	19.42 1.50 0.00	17.53 1.12 0.00	16.38 0.93 0.00	15.19 0.79 0.00	15.52 0.88 0.00	16.44 1.19 0.00	17.97 1.20 -0.77	17.25 1.20 -0.84	17.47 1.33 -0.87	18.00 1.51 -0.23	19.66 1.50 -1.89	20.33 1.52 -2.41	21.29 1.58 -2.30	27.45 1.72 -7.37	27.74 1.76 -6.21	29.25 1.76 -7.20	32.71 2.25 -6.52	36.94 2.83 -3.74	34.98 2.71 -2.51	37.37 2.85 -2.88	32.92 2.22 -3.61	29.31 1.94 -4.80	24.87 1.82 -1.94	22.49 1.64 -0.83
HOLTSVILLE_IC_5 23694	19.42 1.50 0.00	17.53 1.12 0.00	16.38 0.93 0.00	15.19 0.79 0.00	15.52 0.88 0.00	16.44 1.19 0.00	17.97 1.20 -0.77	17.25 1.20 -0.84	17.47 1.33 -0.87	18.00 1.51 -0.23	19.66 1.50 -1.89	20.33 1.52 -2.41	21.29 1.58 -2.30	27.45 1.72 -7.37	27.74 1.76 -6.21	29.25 1.76 -7.20	32.71 2.25 -6.52	36.94 2.83 -3.74	34.98 2.71 -2.51	37.37 2.85 -2.88	32.92 2.22 -3.61	29.31 1.94 -4.80	24.87 1.82 -1.94	22.49 1.64 -0.83
HOLTSVILLE_IC_6 23695	19.52 1.61 0.00	17.61 1.20 0.00	16.46 1.00 0.00	15.25 0.85 0.00	15.58 0.94 0.00	16.52 1.27 0.00	18.05 1.28 -0.77	17.32 1.28 -0.84	17.56 1.42 -0.87	18.09 1.59 -0.23	19.76 1.60 -1.89	20.42 1.62 -2.41	21.39 1.69 -2.30	27.58 1.85 -7.37	27.90 1.92 -6.21	29.44 1.95 -7.20	32.92 2.47 -6.52	37.22 3.10 -3.74	35.24 2.98 -2.50	37.66 3.13 -2.88	33.16 2.46 -3.61	29.48 2.12 -4.80	25.02 1.96 -1.94	22.63 1.78 -0.83
HOLTSVILLE_IC_7 23696	19.52 1.61 0.00	17.61 1.20 0.00	16.46 1.00 0.00	15.25 0.85 0.00	15.58 0.94 0.00	16.52 1.27 0.00	18.05 1.28 -0.77	17.32 1.28 -0.84	17.56 1.42 -0.87	18.09 1.59 -0.23	19.76 1.60 -1.89	20.42 1.62 -2.41	21.39 1.69 -2.30	27.58 1.85 -7.37	27.90 1.92 -6.21	29.44 1.95 -7.20	32.92 2.47 -6.52	37.22 3.10 -3.74	35.24 2.98 -2.50	37.66 3.13 -2.88	33.16 2.46 -3.61	29.48 2.12 -4.80	25.02 1.96 -1.94	22.63 1.78 -0.83
HOLTSVILLE_IC_8 23697	19.52 1.61 0.00	17.61 1.20 0.00	16.46 1.00 0.00	15.25 0.85 0.00	15.58 0.94 0.00	16.52 1.27 0.00	18.05 1.28 -0.77	17.32 1.28 -0.84	17.56 1.42 -0.87	18.09 1.59 -0.23	19.76 1.60 -1.89	20.42 1.62 -2.41	21.39 1.69 -2.30	27.58 1.85 -7.37	27.90 1.92 -6.21	29.44 1.95 -7.20	32.92 2.47 -6.52	37.22 3.10 -3.74	35.24 2.98 -2.50	37.66 3.13 -2.88	33.16 2.46 -3.61	29.48 2.12 -4.80	25.02 1.96 -1.94	22.63 1.78 -0.83
HOLTSVILLE_IC_9 23698	19.52 1.61 0.00	17.61 1.20 0.00	16.46 1.00 0.00	15.25 0.85 0.00	15.58 0.94 0.00	16.52 1.27 0.00	18.05 1.28 -0.77	17.32 1.28 -0.84	17.56 1.42 -0.87	18.09 1.59 -0.23	19.76 1.60 -1.89	20.42 1.62 -2.41	21.39 1.69 -2.30	27.58 1.85 -7.37	27.90 1.92 -6.21	29.44 1.95 -7.20	32.92 2.47 -6.52	37.22 3.10 -3.74	35.24 2.98 -2.50	37.66 3.13 -2.88	33.16 2.46 -3.61	29.48 2.12 -4.80	25.02 1.96 -1.94	22.63 1.78 -0.83
HOMER_HL_115KV_TB2 355744	18.04 0.13 0.00	16.54 0.13 0.00	15.61 0.15 0.00	14.52 0.13 0.00	14.78 0.13 0.00	15.26 0.00 0.00	15.55 -0.51 -0.06	14.74 -0.53 -0.07	14.78 -0.55 -0.07	15.97 -0.31 -0.02	16.13 -0.15 0.00	16.06 -0.33 0.00	17.10 -0.30 0.00	17.84 -0.51 0.00	19.18 -0.59 0.00	19.72 -0.57 0.00	22.74 -1.34 -0.14	29.46 -0.91 0.00	28.09 -1.76 -0.08	30.51 -1.14 0.00	26.63 -0.46 0.00	22.25 -0.32 0.00	20.58 -0.53 0.00	19.94 -0.08 0.00
HOWARD_WT_PWR 323690	18.58 0.66 0.00	17.07 0.66 0.00	16.05 0.59 0.00	14.96 0.56 0.00	15.23 0.59 0.00	15.74 0.49 0.00	16.41 0.34 -0.07	15.55 0.27 -0.08	15.54 0.20 -0.08	16.55 0.26 -0.02	16.65 0.37 0.00	16.65 0.26 0.00	17.77 0.37 0.00	18.61 0.26 0.00	19.95 0.18 0.00	20.55 0.26 0.00	24.24 0.14 -0.16	30.92 0.55 0.00	30.15 0.30 -0.09	31.90 0.25 0.00	27.90 0.81 0.00	23.24 0.68 0.00	21.58 0.46 0.00	20.76 0.74 0.00
HQ_GEN_CEDARS 23644	17.48 -0.43 0.00	16.03 -0.38 0.00	15.09 -0.37 0.00	14.03 -0.36 0.00	14.28 -0.37 0.00	14.90 -0.35 0.00	15.68 -0.32 0.00	14.93 -0.27 0.00	15.01 -0.26 0.00	16.01 -0.26 0.00	16.02 -0.26 0.00	16.14 -0.25 0.00	17.16 -0.24 0.00	18.06 -0.29 0.00	19.51 -0.26 0.00	20.00 -0.28 0.00	23.48 -0.45 0.00	29.83 -0.55 0.00	29.29 -0.48 0.00	31.17 -0.47 0.00	26.60 -0.49 0.00	22.14 -0.43 0.00	20.84 -0.27 0.00	19.64 -0.38 0.00
HQ_GEN_CEDARS_PROXY 323590	17.50 -0.41 0.00	16.03 -0.38 0.00	15.09 -0.37 0.00	14.04 -0.36 0.00	14.28 -0.37 0.00	14.90 -0.35 0.00	15.70 -0.30 0.00	14.93 -0.27 0.00	15.01 -0.26 0.00	16.00 -0.26 0.00	16.01 -0.26 0.00	16.15 -0.25 0.00	17.10 -0.30 0.00	18.06 -0.29 0.00	19.51 -0.26 0.00	20.00 -0.28 0.00	23.48 -0.46 0.00	29.83 -0.55 0.00	29.28 -0.48 0.00	31.20 -0.44 0.00	26.63 -0.46 0.00	22.13 -0.43 0.00	20.84 -0.28 0.00	19.64 -0.38 0.00
HQ_GEN_IMPORT 323601	17.70 -0.21 0.00	16.21 -0.20 0.00	15.27 -0.18 0.00	14.22 -0.17 0.00	14.47 -0.18 0.00	15.09 -0.17 0.00	15.84 -0.16 0.00	15.05 -0.15 0.00	15.13 -0.14 0.00	16.12 -0.15 0.00	16.13 -0.15 0.00	16.26 -0.13 0.00	17.24 -0.16 0.00	18.19 -0.17 0.00	19.61 -0.16 0.00	20.12 -0.16 0.00	23.65 -0.29 0.00	30.01 -0.36 0.00	29.44 -0.33 0.00	31.33 -0.32 0.00	26.76 -0.32 0.00	22.27 -0.29 0.00	20.94 -0.17 0.00	19.82 -0.20 0.00
HQ_GEN_WHEEL 23651	17.70 -0.21 0.00	16.21 -0.20 0.00	15.27 -0.18 0.00	14.22 -0.17 0.00	14.47 -0.18 0.00	15.09 -0.17 0.00	15.84 -0.16 0.00	15.05 -0.15 0.00	15.13 -0.14 0.00	16.12 -0.15 0.00	16.13 -0.15 0.00	16.26 -0.13 0.00	17.24 -0.16 0.00	18.19 -0.17 0.00	19.61 -0.16 0.00	20.12 -0.16 0.00	23.65 -0.29 0.00	30.01 -0.36 0.00	29.44 -0.33 0.00	31.33 -0.32 0.00	26.76 -0.32 0.00	22.27 -0.29 0.00	20.94 -0.17 0.00	19.82 -0.20 0.00
HUDSON_AVE_GT_3 23810	18.86 0.95 0.00	17.18 0.77 0.00	16.22 0.76 0.00	15.10 0.71 0.00	15.36 0.72 0.00	16.02 0.76 0.00	17.58 0.82 -0.77	16.84 0.79 -0.84	17.02 0.89 -0.87	17.50 1.01 -0.23	17.32 1.04 0.00	17.49 1.10 0.00	18.53 1.13 0.00	19.60 1.25 0.00	21.13 1.36 0.00	21.61 1.32 0.00	26.54 1.75 -0.85	32.23 1.85 0.00	32.03 1.79 -0.48	33.51 1.87 0.00	28.55 1.46 0.00	23.87 1.31 0.00	22.23 1.12 0.00	20.96 0.94 0.00

HUDSON AVE_GT_4 23540	18.86 0.95 0.00	17.18 0.77 0.00	16.22 0.76 0.00	15.10 0.71 0.00	15.36 0.72 0.00	16.02 0.76 0.00	17.58 0.82 -0.77	16.84 0.79 -0.84	17.02 0.89 -0.87	17.50 1.01 -0.23	17.32 1.04 0.00	17.49 1.10 0.00	18.53 1.13 0.00	19.60 1.25 0.00	21.13 1.36 0.00	21.61 1.32 0.00	26.54 1.75 -0.85	32.23 1.85 0.00	32.03 1.79 -0.48	33.51 1.87 0.00	28.55 1.46 0.00	23.87 1.31 0.00	22.23 1.12 0.00	20.96 0.94 0.00
HUDSON AVE_GT_5 23657	18.86 0.95 0.00	17.18 0.77 0.00	16.22 0.76 0.00	15.10 0.71 0.00	15.36 0.72 0.00	16.02 0.76 0.00	17.58 0.82 -0.77	16.84 0.79 -0.84	17.02 0.89 -0.87	17.50 1.01 -0.23	17.32 1.04 0.00	17.49 1.10 0.00	18.53 1.13 0.00	19.60 1.25 0.00	21.13 1.36 0.00	21.61 1.32 0.00	26.54 1.75 -0.85	32.23 1.85 0.00	32.03 1.79 -0.48	33.51 1.87 0.00	28.55 1.46 0.00	23.87 1.31 0.00	22.23 1.12 0.00	20.96 0.94 0.00
HUDSON_AVE_10 24168	18.79 0.88 0.00	17.12 0.71 0.00	16.15 0.70 0.00	15.04 0.65 0.00	15.29 0.64 0.00	15.96 0.70 0.00	17.53 0.77 -0.77	16.79 0.74 -0.84	16.98 0.84 -0.87	17.45 0.96 -0.23	17.25 0.98 0.00	17.42 1.03 0.00	18.46 1.06 0.00	19.53 1.17 0.00	21.05 1.28 0.00	21.53 1.24 0.00	26.44 1.65 -0.85	32.08 1.70 0.00	31.88 1.64 -0.48	33.36 1.71 0.00	28.42 1.33 0.00	23.78 1.22 0.00	22.17 1.06 0.00	20.88 0.86 0.00
HUDSON___115KV_TB 4 355613	18.57 0.66 0.00	17.03 0.62 0.00	16.08 0.62 0.00	15.00 0.60 0.00	15.23 0.59 0.00	15.85 0.59 0.00	17.50 0.54 -0.96	16.79 0.53 -1.06	16.86 0.50 -1.09	17.07 0.52 -0.28	16.73 0.46 0.00	16.87 0.48 0.00	17.89 0.49 0.00	19.00 0.64 0.00	20.44 0.67 0.00	21.08 0.79 0.00	25.95 0.96 -1.06	31.74 1.37 0.00	31.70 1.34 -0.59	33.23 1.58 0.00	28.23 1.14 0.00	23.44 0.88 0.00	21.79 0.68 0.00	20.58 0.56 0.00
HUNTER MOUNT___DRP 323613	18.63 0.72 0.00	17.10 0.69 0.00	16.12 0.66 0.00	15.04 0.65 0.00	15.27 0.63 0.00	15.90 0.64 0.00	17.47 0.54 -0.93	16.75 0.53 -1.02	16.81 0.49 -1.06	17.04 0.50 -0.27	16.70 0.42 0.00	16.82 0.43 0.00	17.85 0.45 0.00	18.98 0.62 0.00	20.42 0.65 0.00	21.08 0.79 0.00	25.92 0.96 -1.03	31.83 1.46 0.00	31.73 1.40 -0.57	33.39 1.74 0.00	28.31 1.22 0.00	23.51 0.95 0.00	21.83 0.72 0.00	20.62 0.60 0.00
HUNTINGTON_RES_REC 323705	19.33 1.41 0.00	17.44 1.03 0.00	16.32 0.87 0.00	15.13 0.73 0.00	15.45 0.80 0.00	16.35 1.10 0.00	17.87 1.10 -0.77	17.17 1.12 -0.84	17.41 1.27 -0.87	17.92 1.43 -0.23	19.61 1.45 -1.89	20.29 1.49 -2.41	21.25 1.55 -2.30	27.43 1.71 -7.37	27.78 1.80 -6.21	29.32 1.83 -7.20	32.78 2.32 -6.52	37.00 2.89 -3.74	35.03 2.77 -2.50	37.40 2.88 -2.87	32.97 2.28 -3.61	29.31 1.94 -4.80	24.83 1.77 -1.94	22.43 1.58 -0.83
HUNTLEY___63 23557	18.23 0.32 0.00	16.80 0.39 0.00	15.80 0.34 0.00	14.75 0.36 0.00	15.02 0.38 0.00	15.44 0.18 0.00	16.05 0.00 -0.05	15.08 -0.18 -0.06	15.05 -0.27 -0.06	15.97 -0.31 -0.02	16.13 -0.15 0.00	16.13 -0.26 0.00	17.19 -0.21 0.00	17.95 -0.40 0.00	19.31 -0.45 0.00	19.84 -0.45 0.00	23.27 -0.79 -0.12	29.52 -0.85 0.00	28.61 -1.22 -0.07	30.51 -1.14 0.00	26.71 -0.38 0.00	22.34 -0.23 0.00	20.73 -0.38 0.00	20.28 0.26 0.00
HUNTLEY___64 23558	18.23 0.32 0.00	16.80 0.39 0.00	15.80 0.34 0.00	14.75 0.36 0.00	15.02 0.38 0.00	15.44 0.18 0.00	16.05 0.00 -0.05	15.08 -0.18 -0.06	15.05 -0.27 -0.06	15.97 -0.31 -0.02	16.13 -0.15 0.00	16.13 -0.26 0.00	17.19 -0.21 0.00	17.95 -0.40 0.00	19.31 -0.45 0.00	19.84 -0.45 0.00	23.27 -0.79 -0.12	29.52 -0.85 0.00	28.61 -1.22 -0.07	30.51 -1.14 0.00	26.71 -0.38 0.00	22.34 -0.23 0.00	20.73 -0.38 0.00	20.28 0.26 0.00
HUNTLEY___65 23559	18.23 0.32 0.00	16.80 0.39 0.00	15.80 0.34 0.00	14.75 0.36 0.00	15.02 0.38 0.00	15.44 0.18 0.00	16.05 0.00 -0.05	15.08 -0.18 -0.06	15.05 -0.27 -0.06	15.97 -0.31 -0.02	16.13 -0.15 0.00	16.13 -0.26 0.00	17.19 -0.21 0.00	17.95 -0.40 0.00	19.31 -0.45 0.00	19.84 -0.45 0.00	23.27 -0.79 -0.12	29.52 -0.85 0.00	28.61 -1.22 -0.07	30.51 -1.14 0.00	26.71 -0.38 0.00	22.34 -0.23 0.00	20.73 -0.38 0.00	20.28 0.26 0.00
HUNTLEY___66 23560	18.23 0.32 0.00	16.80 0.39 0.00	15.80 0.34 0.00	14.75 0.36 0.00	15.02 0.38 0.00	15.44 0.18 0.00	16.05 0.00 -0.05	15.08 -0.18 -0.06	15.05 -0.27 -0.06	15.97 -0.31 -0.02	16.13 -0.15 0.00	16.13 -0.26 0.00	17.19 -0.21 0.00	17.95 -0.40 0.00	19.31 -0.45 0.00	19.84 -0.45 0.00	23.27 -0.79 -0.12	29.52 -0.85 0.00	28.61 -1.22 -0.07	30.51 -1.14 0.00	26.71 -0.38 0.00	22.34 -0.23 0.00	20.73 -0.38 0.00	20.28 0.26 0.00
HUNTLEY___67 23561	18.14 0.23 0.00	16.69 0.28 0.00	15.69 0.23 0.00	14.64 0.24 0.00	14.91 0.26 0.00	15.36 0.11 0.00	15.97 -0.08 -0.05	15.02 -0.24 -0.06	14.99 -0.34 -0.06	15.92 -0.36 -0.02	16.08 -0.20 0.00	16.06 -0.33 0.00	17.12 -0.28 0.00	17.88 -0.48 0.00	19.24 -0.53 0.00	19.76 -0.53 0.00	23.15 -0.91 -0.12	29.37 -1.00 0.00	28.46 -1.37 -0.07	30.35 -1.30 0.00	26.55 -0.54 0.00	22.23 -0.34 0.00	20.63 -0.49 0.00	20.16 0.14 0.00
HUNTLEY___68 23562	18.14 0.23 0.00	16.69 0.28 0.00	15.69 0.23 0.00	14.64 0.24 0.00	14.91 0.26 0.00	15.36 0.11 0.00	15.97 -0.08 -0.05	15.02 -0.24 -0.06	14.99 -0.34 -0.06	15.92 -0.36 -0.02	16.08 -0.20 0.00	16.06 -0.33 0.00	17.12 -0.28 0.00	17.88 -0.48 0.00	19.24 -0.53 0.00	19.76 -0.53 0.00	23.15 -0.91 -0.12	29.37 -1.00 0.00	28.46 -1.37 -0.07	30.35 -1.30 0.00	26.55 -0.54 0.00	22.23 -0.34 0.00	20.63 -0.49 0.00	20.16 0.14 0.00
HYLAND___LFGE 323620	18.97 1.06 0.00	17.41 1.00 0.00	16.31 0.85 0.00	15.19 0.79 0.00	15.48 0.83 0.00	16.05 0.79 0.00	16.76 0.70 -0.06	15.90 0.64 -0.06	15.85 0.52 -0.07	16.69 0.41 -0.02	16.75 0.47 0.00	16.75 0.36 0.00	17.90 0.50 0.00	18.79 0.44 0.00	20.18 0.42 0.00	20.85 0.57 0.00	24.81 0.74 -0.14	31.68 1.31 0.00	31.18 1.34 -0.08	33.10 1.46 0.00	28.90 1.82 0.00	23.96 1.40 0.00	22.19 1.08 0.00	21.28 1.26 0.00
INDECK___CORINTH 23802	19.09 1.18 0.00	17.46 1.05 0.00	16.48 1.02 0.00	15.37 0.96 -0.01	15.59 0.95 0.00	16.26 1.01 0.00	18.10 1.09 -1.01	17.35 1.03 -1.12	17.41 0.99 -1.16	17.61 1.04 -0.30	17.11 0.83 0.00	17.23 0.84 0.00	18.22 0.82 0.00	19.27 0.92 0.00	20.88 1.11 0.00	21.48 1.20 0.00	26.63 1.55 -1.14	32.53 2.16 0.00	32.57 2.17 -0.64	34.12 2.47 0.00	29.20 2.11 0.00	24.21 1.65 0.00	22.59 1.48 0.00	21.30 1.28 0.00
INDECK___ILION 23567	17.97 0.05 0.00	16.46 0.05 0.00	15.52 0.06 0.00	14.45 0.06 0.00	14.72 0.07 0.00	15.32 0.06 0.00	16.08 0.08 0.00	15.28 0.08 0.00	15.36 0.09 0.00	16.36 0.10 0.00	16.34 0.07 0.00	16.46 0.07 0.00	17.49 0.09 0.00	18.45 0.09 0.00	19.85 0.08 0.00	20.39 0.10 0.00	24.10 0.17 0.00	30.59 0.21 0.00	29.97 0.21 0.00	31.90 0.25 0.00	27.31 0.22 0.00	22.79 0.23 0.00	21.26 0.15 0.00	20.16 0.14 0.00

INDECK___OLEAN 23982	18.02 0.11 0.00	16.54 0.13 0.00	15.61 0.15 0.00	14.54 0.14 0.00	14.78 0.13 0.00	15.26 0.00 0.00	15.55 -0.51 -0.06	14.74 -0.53 -0.07	14.79 -0.55 -0.07	15.97 -0.31 -0.02	16.13 -0.15 0.00	16.06 -0.33 0.00	17.14 -0.26 0.00	17.97 -0.39 0.00	19.18 -0.59 0.00	19.76 -0.53 0.00	22.74 -1.34 -0.14	29.49 -0.88 0.00	28.18 -1.67 -0.08	29.88 -1.77 0.00	26.60 -0.49 0.00	22.25 -0.32 0.00	20.58 -0.53 0.00	19.94 -0.08 0.00
INDECK___OSWEGO 23783	18.22 0.30 0.00	16.71 0.30 0.00	15.70 0.25 0.00	14.62 0.23 0.00	14.89 0.25 0.00	15.48 0.23 0.00	16.28 0.26 -0.03	15.49 0.26 -0.03	15.51 0.21 -0.01	16.47 0.20 0.00	16.50 0.23 0.00	16.59 0.20 0.00	17.66 0.26 0.00	18.56 0.20 0.00	19.97 0.20 0.00	20.49 0.20 0.00	24.31 0.31 -0.07	30.89 0.52 0.00	30.31 0.51 -0.04	32.15 0.50 0.00	27.71 0.62 0.00	23.06 0.50 0.00	21.53 0.42 0.00	20.46 0.44 0.00
INDECK___YERKES 23781	18.27 0.36 0.00	16.82 0.41 0.00	15.81 0.36 0.00	14.80 0.40 0.00	15.04 0.40 0.00	15.45 0.20 0.00	16.07 0.02 -0.05	15.09 -0.17 -0.06	15.06 -0.26 -0.06	15.99 -0.29 -0.02	16.14 -0.13 0.00	16.13 -0.26 0.00	17.26 -0.14 0.00	18.12 -0.24 0.00	19.33 -0.44 0.00	19.90 -0.39 0.00	23.32 -0.74 -0.12	29.56 -0.82 0.00	28.79 -1.04 -0.07	30.54 -1.11 0.00	26.74 -0.35 0.00	22.36 -0.20 0.00	20.75 -0.36 0.00	20.30 0.28 0.00
INDIAN POINT_GT_1 24139	18.75 0.84 0.00	17.10 0.69 0.00	16.12 0.66 0.00	15.01 0.62 0.00	15.26 0.62 0.00	15.93 0.67 0.00	17.46 0.70 -0.75	16.71 0.68 -0.83	16.89 0.76 -0.86	17.33 0.85 -0.22	17.15 0.88 0.00	17.31 0.92 0.00	18.34 0.94 0.00	19.38 1.03 0.00	20.88 1.11 0.00	21.40 1.12 0.00	26.26 1.48 -0.84	32.05 1.67 0.00	31.87 1.64 -0.47	33.36 1.71 0.00	28.44 1.35 0.00	23.74 1.17 0.00	22.08 0.97 0.00	20.84 0.82 0.00
INDIAN POINT_GT_2 23659	18.75 0.84 0.00	17.10 0.69 0.00	16.12 0.66 0.00	15.01 0.62 0.00	15.26 0.62 0.00	15.93 0.67 0.00	17.46 0.70 -0.75	16.71 0.68 -0.83	16.89 0.76 -0.86	17.33 0.85 -0.22	17.15 0.88 0.00	17.31 0.92 0.00	18.34 0.94 0.00	19.38 1.03 0.00	20.88 1.11 0.00	21.40 1.12 0.00	26.26 1.48 -0.84	32.05 1.67 0.00	31.87 1.64 -0.47	33.36 1.71 0.00	28.44 1.35 0.00	23.74 1.17 0.00	22.08 0.97 0.00	20.84 0.82 0.00
INDIAN POINT_GT_3 24019	18.75 0.84 0.00	17.10 0.69 0.00	16.12 0.66 0.00	15.01 0.62 0.00	15.26 0.62 0.00	15.93 0.67 0.00	17.46 0.70 -0.75	16.71 0.68 -0.83	16.89 0.76 -0.86	17.33 0.85 -0.22	17.15 0.88 0.00	17.31 0.92 0.00	18.34 0.94 0.00	19.38 1.03 0.00	20.88 1.11 0.00	21.40 1.12 0.00	26.26 1.48 -0.84	32.05 1.67 0.00	31.87 1.64 -0.47	33.36 1.71 0.00	28.44 1.35 0.00	23.74 1.17 0.00	22.08 0.97 0.00	20.84 0.82 0.00
INDIAN POINT___2 23530	18.74 0.82 0.00	17.08 0.67 0.00	16.11 0.65 0.00	15.00 0.60 -0.01	15.24 0.60 0.00	15.91 0.66 0.00	17.41 0.67 -0.74	16.68 0.67 -0.81	16.85 0.75 -0.84	17.31 0.83 -0.22	17.14 0.86 0.00	17.28 0.88 0.00	18.30 0.90 0.00	19.35 0.99 0.00	20.84 1.07 0.00	21.36 1.07 0.00	26.17 1.41 -0.83	32.01 1.64 0.00	31.80 1.58 -0.46	33.29 1.64 0.00	28.39 1.30 0.00	23.69 1.13 0.00	22.04 0.93 0.00	20.80 0.78 0.00
INDIAN POINT___3 23531	18.74 0.82 0.00	17.08 0.67 0.00	16.12 0.66 0.00	15.01 0.62 0.00	15.26 0.62 0.00	15.93 0.67 0.00	17.46 0.70 -0.75	16.72 0.68 -0.83	16.87 0.75 -0.86	17.33 0.85 -0.22	17.14 0.86 0.00	17.28 0.89 0.00	18.30 0.90 0.00	19.35 0.99 0.00	20.84 1.07 0.00	21.38 1.10 0.00	26.21 1.44 -0.84	31.98 1.61 0.00	31.81 1.58 -0.47	33.29 1.65 0.00	28.39 1.30 0.00	23.69 1.13 0.00	22.04 0.93 0.00	20.80 0.78 0.00
INGHAM_C_115KV_TB7 356103	17.91 0.00 0.00	16.43 0.02 0.00	15.49 0.03 0.00	14.44 0.04 0.00	14.70 0.06 0.00	15.32 0.06 0.00	16.06 0.06 0.00	15.29 0.09 0.00	15.37 0.11 0.00	16.40 0.13 0.00	16.34 0.07 0.00	16.46 0.07 0.00	17.49 0.09 0.00	18.45 0.09 0.00	19.87 0.10 0.00	20.39 0.10 0.00	24.13 0.19 0.00	30.62 0.24 0.00	30.00 0.24 0.00	31.93 0.28 0.00	27.33 0.24 0.00	22.86 0.29 0.00	21.32 0.21 0.00	20.20 0.18 0.00
IP CORINTH___1 23988	19.09 1.18 0.00	17.46 1.05 0.00	16.48 1.02 0.00	15.36 0.96 0.00	15.60 0.95 0.00	16.26 1.01 0.00	18.05 1.04 -1.01	17.35 1.03 -1.12	17.41 0.99 -1.16	17.61 1.04 -0.30	17.11 0.83 0.00	17.23 0.84 0.00	18.22 0.82 0.00	19.27 0.92 0.00	20.88 1.11 0.00	21.50 1.22 0.00	26.63 1.56 -1.14	32.50 2.13 0.00	32.57 2.17 -0.64	34.15 2.50 0.00	29.12 2.03 0.00	24.21 1.65 0.00	22.59 1.48 0.00	21.30 1.28 0.00
IP___TICONDEROGA 23804	19.77 1.86 0.00	18.08 1.67 0.00	17.08 1.62 0.00	15.92 1.53 0.00	16.15 1.51 0.00	16.86 1.60 0.00	18.66 1.65 -1.01	17.99 1.67 -1.12	18.02 1.60 -1.16	18.24 1.68 -0.30	17.72 1.45 0.00	17.82 1.43 0.00	18.76 1.36 0.00	19.97 1.62 0.00	21.73 1.96 0.00	22.38 2.09 0.00	27.75 2.68 -1.14	34.05 3.68 0.00	34.12 3.72 -0.64	35.95 4.30 0.00	30.61 3.52 0.00	25.38 2.82 0.00	23.54 2.43 0.00	22.14 2.12 0.00
ISLIP_RES_REC 323679	19.61 1.70 0.00	17.69 1.28 0.00	16.52 1.07 0.00	15.31 0.91 0.00	15.64 1.00 0.00	16.60 1.34 0.00	18.12 1.36 -0.77	17.40 1.35 -0.84	17.64 1.50 -0.87	18.17 1.68 -0.23	19.84 1.68 -1.89	20.51 1.70 -2.41	21.49 1.79 -2.30	27.69 1.96 -7.37	28.02 2.04 -6.21	29.56 2.07 -7.20	33.09 2.63 -6.52	37.43 3.31 -3.74	35.45 3.19 -2.50	37.88 3.35 -2.88	33.35 2.66 -3.61	29.62 2.26 -4.80	25.15 2.09 -1.94	22.75 1.90 -0.83
JAMAICA___27_KV_LOAD 355505	18.79 0.88 0.00	17.12 0.71 0.00	16.15 0.70 0.00	15.04 0.65 0.00	15.30 0.66 0.00	15.97 0.72 0.00	17.57 0.80 -0.77	16.84 0.79 -0.84	17.02 0.89 -0.87	17.52 1.02 -0.23	17.27 0.99 0.00	17.46 1.07 0.00	18.50 1.10 0.00	19.58 1.23 0.00	21.11 1.34 0.00	21.57 1.28 0.00	26.49 1.70 -0.85	32.05 1.67 0.00	31.88 1.64 -0.48	33.36 1.71 0.00	28.39 1.30 0.00	23.78 1.22 0.00	22.25 1.14 0.00	20.94 0.92 0.00
JANIS___SOLAR 323808	18.66 0.75 0.00	17.13 0.72 0.00	16.09 0.63 0.00	14.97 0.58 0.00	15.27 0.63 0.00	15.88 0.63 0.00	16.73 0.64 -0.09	15.94 0.64 -0.10	15.91 0.55 -0.10	16.80 0.50 -0.03	16.75 0.47 0.00	16.83 0.44 0.00	17.94 0.54 0.00	18.83 0.48 0.00	20.32 0.55 0.00	20.94 0.65 0.00	25.10 0.96 -0.21	31.89 1.52 0.00	31.43 1.55 -0.12	33.29 1.64 0.00	28.74 1.65 0.00	23.92 1.35 0.00	22.19 1.08 0.00	21.06 1.04 0.00
JARVIS____ 23743	17.95 0.04 0.00	16.44 0.03 0.00	15.49 0.03 0.00	14.42 0.03 0.00	14.67 0.03 0.00	15.29 0.03 0.00	16.02 0.02 0.00	15.22 0.02 0.00	15.28 0.02 0.00	16.28 0.02 0.00	16.28 0.00 0.00	16.39 0.00 0.00	17.42 0.02 0.00	18.37 0.02 0.00	19.77 0.00 0.00	20.29 0.00 0.00	23.98 0.05 0.00	30.44 0.06 0.00	29.82 0.06 0.00	31.71 0.06 0.00	27.14 0.05 0.00	22.63 0.07 0.00	21.13 0.02 0.00	20.06 0.04 0.00

JENNISON___1 23625	18.75 0.84 0.00	17.20 0.79 0.00	16.15 0.70 0.00	15.01 0.62 0.00	15.33 0.69 0.00	15.93 0.67 0.00	16.78 0.67 -0.11	15.99 0.67 -0.12	16.03 0.64 -0.12	16.95 0.65 -0.03	16.91 0.63 0.00	17.01 0.62 0.00	18.13 0.73 0.00	19.09 0.73 0.00	20.52 0.75 0.00	21.10 0.81 0.00	25.37 1.17 -0.26	32.08 1.70 0.00	31.58 1.67 -0.15	33.51 1.87 0.00	28.82 1.73 0.00	24.03 1.47 0.00	22.27 1.16 0.00	21.12 1.10 0.00
JENNISON___2 23626	18.75 0.84 0.00	17.20 0.79 0.00	16.15 0.70 0.00	15.01 0.62 0.00	15.33 0.69 0.00	15.93 0.67 0.00	16.78 0.67 -0.11	15.99 0.67 -0.12	16.03 0.64 -0.12	16.95 0.65 -0.03	16.91 0.63 0.00	17.01 0.62 0.00	18.13 0.73 0.00	19.09 0.73 0.00	20.52 0.75 0.00	21.10 0.81 0.00	25.37 1.17 -0.26	32.08 1.70 0.00	31.58 1.67 -0.15	33.51 1.87 0.00	28.82 1.73 0.00	24.03 1.47 0.00	22.27 1.16 0.00	21.12 1.10 0.00
JERICHO_RISE_WT_PWR 323719	17.52 -0.39 0.00	16.06 -0.35 0.00	15.12 -0.34 0.00	14.06 -0.33 0.00	14.34 -0.31 0.00	15.04 -0.21 0.00	15.87 -0.13 0.00	15.11 -0.09 0.00	15.25 -0.02 0.00	16.33 0.07 0.00	16.39 0.11 0.00	16.55 0.16 0.00	17.50 0.11 0.00	18.50 0.15 0.00	20.01 0.24 0.00	20.57 0.28 0.00	24.12 0.19 0.00	30.71 0.33 0.00	30.12 0.36 0.00	32.12 0.48 0.00	27.30 0.22 0.00	22.68 0.11 0.00	21.30 0.19 0.00	20.00 -0.02 0.00
KATONAH___115KV_46KV_TB4 355592	18.88 0.97 0.00	17.20 0.79 0.00	16.23 0.77 0.00	15.13 0.73 0.00	15.35 0.70 0.00	16.05 0.79 0.00	17.58 0.80 -0.78	16.84 0.78 -0.86	17.03 0.87 -0.89	17.44 0.94 -0.23	17.33 1.06 0.00	17.47 1.08 0.00	18.53 1.13 0.00	19.58 1.23 0.00	21.09 1.32 0.00	21.63 1.34 0.00	26.57 1.77 -0.87	32.47 2.10 0.00	32.30 2.05 -0.49	33.83 2.18 0.00	28.85 1.76 0.00	24.03 1.47 0.00	22.29 1.18 0.00	21.06 1.04 0.00
KCE_NY_1 323755	18.91 1.00 0.00	17.31 0.90 0.00	16.34 0.88 0.00	15.24 0.83 -0.01	15.46 0.82 0.00	16.12 0.87 0.00	17.94 0.93 -1.01	17.20 0.88 -1.11	17.26 0.84 -1.15	17.44 0.88 -0.30	17.06 0.78 0.00	17.18 0.79 0.00	18.20 0.80 0.00	19.29 0.94 0.00	20.86 1.09 0.00	21.46 1.18 0.00	26.56 1.48 -1.14	32.38 2.00 0.00	32.39 1.99 -0.64	33.86 2.21 0.00	28.88 1.79 0.00	23.96 1.40 0.00	22.31 1.20 0.00	21.06 1.04 0.00
KCE_NY_6_ESR 323823	18.31 0.39 0.00	16.84 0.43 0.00	15.83 0.37 0.00	14.78 0.39 0.00	15.02 0.38 0.00	15.51 0.26 0.00	16.05 0.00 -0.05	15.11 -0.15 -0.06	15.10 -0.23 -0.06	16.10 -0.18 -0.02	16.26 -0.02 0.00	16.24 -0.15 0.00	17.36 -0.03 0.00	18.23 -0.13 0.00	19.45 -0.32 0.00	20.02 -0.26 0.00	23.37 -0.69 -0.13	29.80 -0.58 0.00	28.88 -0.95 -0.07	30.63 -1.01 0.00	26.93 -0.16 0.00	22.50 -0.07 0.00	20.88 -0.23 0.00	20.34 0.32 0.00
KEDC_PORT_JEFF_GT2 24210	19.49 1.58 0.00	17.59 1.18 0.00	16.43 0.97 0.00	15.23 0.83 0.00	15.57 0.92 0.00	16.51 1.25 0.00	18.03 1.26 -0.77	17.31 1.26 -0.84	17.54 1.40 -0.87	18.07 1.58 -0.23	19.73 1.56 -1.89	20.41 1.61 -2.41	21.37 1.67 -2.30	27.56 1.84 -7.37	27.88 1.90 -6.21	29.40 1.91 -7.20	32.87 2.42 -6.52	37.16 3.04 -3.74	35.18 2.92 -2.50	37.59 3.07 -2.88	33.11 2.41 -3.61	29.44 2.07 -4.80	24.98 1.92 -1.94	22.59 1.74 -0.83
KEDC_PORT_JEFF_GT3 24211	19.49 1.58 0.00	17.59 1.18 0.00	16.43 0.97 0.00	15.23 0.83 0.00	15.57 0.92 0.00	16.51 1.25 0.00	18.03 1.26 -0.77	17.31 1.26 -0.84	17.54 1.40 -0.87	18.07 1.58 -0.23	19.73 1.56 -1.89	20.41 1.61 -2.41	21.37 1.67 -2.30	27.56 1.84 -7.37	27.88 1.90 -6.21	29.40 1.91 -7.20	32.87 2.42 -6.52	37.16 3.04 -3.74	35.18 2.92 -2.50	37.59 3.07 -2.88	33.11 2.41 -3.61	29.44 2.07 -4.80	24.98 1.92 -1.94	22.59 1.74 -0.83
KEDC_GLWD_GT4 24219	19.04 1.13 0.00	17.30 0.89 0.00	16.25 0.79 0.00	15.11 0.71 -0.01	15.39 0.75 0.00	16.16 0.90 0.00	17.69 0.93 -0.77	16.97 0.93 -0.84	17.16 1.02 -0.87	17.66 1.17 -0.23	19.37 1.20 -1.89	20.05 1.25 -2.41	21.01 1.31 -2.30	27.14 1.41 -7.37	27.50 1.52 -6.21	29.03 1.54 -7.20	32.42 1.96 -6.52	36.24 2.13 -3.74	34.29 2.02 -2.50	36.64 2.12 -2.87	32.57 1.87 -3.61	28.97 1.60 -4.80	24.43 1.37 -1.95	22.07 1.22 -0.83
KEDC_GLWD_GT5 24220	19.04 1.13 0.00	17.30 0.89 0.00	16.25 0.79 0.00	15.11 0.71 -0.01	15.39 0.75 0.00	16.16 0.90 0.00	17.69 0.93 -0.77	16.97 0.93 -0.84	17.16 1.02 -0.87	17.66 1.17 -0.23	19.37 1.20 -1.89	20.05 1.25 -2.41	21.01 1.31 -2.30	27.14 1.41 -7.37	27.50 1.52 -6.21	29.03 1.54 -7.20	32.42 1.96 -6.52	36.24 2.13 -3.74	34.29 2.02 -2.50	36.64 2.12 -2.87	32.57 1.87 -3.61	28.97 1.60 -4.80	24.43 1.37 -1.95	22.07 1.22 -0.83
KENSICO____ 23655	18.81 0.90 0.00	17.15 0.74 0.00	16.17 0.71 0.00	15.06 0.66 0.00	15.30 0.66 0.00	15.99 0.73 0.00	17.53 0.77 -0.76	16.79 0.74 -0.84	16.94 0.81 -0.87	17.40 0.91 -0.22	17.20 0.93 0.00	17.36 0.97 0.00	18.39 0.99 0.00	19.46 1.10 0.00	20.96 1.19 0.00	21.48 1.20 0.00	26.34 1.56 -0.85	32.14 1.76 0.00	31.93 1.70 -0.48	33.45 1.80 0.00	28.50 1.41 0.00	23.78 1.22 0.00	22.12 1.01 0.00	20.88 0.86 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	18.77 0.86 0.00	17.12 0.71 0.00	16.11 0.65 0.00	14.98 0.59 0.00	15.24 0.60 0.00	15.90 0.64 0.00	17.32 0.64 -0.68	16.58 0.62 -0.75	16.75 0.70 -0.78	17.22 0.75 -0.20	17.02 0.75 0.00	17.14 0.75 0.00	18.04 0.64 0.00	19.07 0.72 0.00	20.52 0.75 0.00	21.10 0.81 0.00	25.87 1.15 -0.79	31.68 1.31 0.00	31.51 1.31 -0.44	33.07 1.42 0.00	28.47 1.38 0.00	23.74 1.17 0.00	22.04 0.93 0.00	20.80 0.78 0.00
KIAC_JFK_GT1 23816	18.70 0.79 0.00	17.03 0.62 0.00	16.06 0.60 0.00	14.97 0.58 0.00	15.21 0.57 0.00	15.90 0.64 0.00	17.49 0.72 -0.77	16.75 0.70 -0.84	16.95 0.81 -0.87	17.43 0.94 -0.23	17.17 0.90 0.00	17.36 0.97 0.00	18.39 0.99 0.00	19.47 1.12 0.00	20.99 1.23 0.00	21.44 1.16 0.00	26.34 1.56 -0.85	31.77 1.40 0.00	31.58 1.34 -0.48	33.07 1.42 0.00	28.14 1.06 0.00	23.65 1.08 0.00	22.12 1.01 0.00	20.82 0.80 0.00
KIAC_JFK_GT2 23817	18.70 0.79 0.00	17.03 0.62 0.00	16.06 0.60 0.00	14.97 0.58 0.00	15.21 0.57 0.00	15.90 0.64 0.00	17.49 0.72 -0.77	16.75 0.70 -0.84	16.95 0.81 -0.87	17.43 0.94 -0.23	17.17 0.90 0.00	17.36 0.97 0.00	18.39 0.99 0.00	19.47 1.12 0.00	20.99 1.23 0.00	21.44 1.16 0.00	26.34 1.56 -0.85	31.77 1.40 0.00	31.58 1.34 -0.48	33.07 1.42 0.00	28.14 1.06 0.00	23.65 1.08 0.00	22.12 1.01 0.00	20.82 0.80 0.00
KIAC_JFK____ 323774	18.70 0.79 0.00	17.03 0.62 0.00	16.06 0.60 0.00	14.96 0.56 -0.01	15.21 0.57 0.00	15.90 0.64 0.00	17.44 0.67 -0.77	16.75 0.70 -0.84	16.95 0.81 -0.87	17.43 0.94 -0.23	17.17 0.89 0.00	17.36 0.97 0.00	18.39 0.99 0.00	19.47 1.12 0.00	21.00 1.23 0.00	21.44 1.16 0.00	26.34 1.55 -0.85	31.80 1.43 0.00	31.61 1.37 -0.48	33.07 1.43 0.00	28.14 1.06 0.00	23.65 1.08 0.00	22.12 1.01 0.00	20.82 0.80 0.00

KINTIGH____ 23543	18.06 0.14 0.00	16.59 0.18 0.00	15.60 0.14 0.00	14.54 0.14 0.00	14.80 0.16 0.00	15.30 0.05 0.00	16.03 -0.02 -0.04	15.08 -0.17 -0.05	15.07 -0.24 -0.05	15.92 -0.36 -0.01	16.03 -0.24 0.00	16.05 -0.34 0.00	17.10 -0.30 0.00	17.88 -0.48 0.00	19.26 -0.51 0.00	19.78 -0.51 0.00	23.35 -0.69 -0.11	29.43 -0.94 0.00	28.75 -1.07 -0.06	30.41 -1.23 0.00	26.57 -0.51 0.00	22.20 -0.36 0.00	20.65 -0.46 0.00	20.08 0.06 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	17.68 -0.23 0.00	16.21 -0.20 0.00	15.26 -0.20 0.00	14.18 -0.22 0.00	14.47 -0.18 0.00	15.19 -0.06 0.00	16.03 0.03 0.00	15.28 0.08 0.00	15.42 0.15 0.00	16.51 0.24 0.00	16.58 0.31 0.00	16.77 0.38 0.00	17.78 0.38 0.00	18.72 0.37 0.00	20.28 0.51 0.00	20.88 0.59 0.00	24.48 0.55 0.00	31.19 0.82 0.00	30.60 0.83 0.00	32.63 0.98 0.00	27.74 0.65 0.00	23.02 0.45 0.00	21.60 0.49 0.00	20.26 0.24 0.00
LACHUTE__HYDRO 323717	19.77 1.86 0.00	18.08 1.67 0.00	17.08 1.62 0.00	15.91 1.51 -0.01	16.15 1.51 0.00	16.86 1.60 0.00	18.74 1.73 -1.01	17.99 1.67 -1.12	18.02 1.60 -1.16	18.24 1.68 -0.30	17.72 1.45 0.00	17.82 1.43 0.00	18.76 1.36 0.00	19.97 1.62 0.00	21.73 1.96 0.00	22.38 2.09 0.00	27.75 2.68 -1.14	34.08 3.70 0.00	34.12 3.72 -0.64	35.95 4.30 0.00	30.74 3.66 0.00	25.38 2.82 0.00	23.54 2.43 0.00	22.14 2.12 0.00
LAWRNCV_115KV_TB1 80681	17.23 -0.68 0.00	15.80 -0.61 0.00	14.86 -0.60 0.00	13.82 -0.58 0.00	14.07 -0.57 0.00	14.71 -0.55 0.00	15.49 -0.51 0.00	14.75 -0.46 0.00	14.82 -0.44 0.00	15.81 -0.46 0.00	15.82 -0.46 0.00	15.96 -0.43 0.00	16.95 -0.45 0.00	17.86 -0.50 0.00	19.27 -0.49 0.00	19.74 -0.55 0.00	23.19 -0.74 0.00	29.46 -0.91 0.00	28.96 -0.80 0.00	30.86 -0.79 0.00	26.30 -0.79 0.00	21.89 -0.68 0.00	20.58 -0.53 0.00	19.36 -0.66 0.00
LEDERLE____ 23769	18.79 0.88 0.00	17.13 0.72 0.00	16.15 0.70 0.00	15.04 0.65 0.00	15.29 0.64 0.00	15.94 0.69 0.00	17.44 0.72 -0.72	16.69 0.70 -0.79	16.86 0.78 -0.82	17.34 0.86 -0.21	17.15 0.88 0.00	17.29 0.90 0.00	18.34 0.94 0.00	19.38 1.03 0.00	20.88 1.11 0.00	21.40 1.12 0.00	26.23 1.48 -0.81	32.08 1.70 0.00	31.88 1.67 -0.45	33.39 1.74 0.00	28.47 1.38 0.00	23.76 1.20 0.00	22.08 0.97 0.00	20.84 0.82 0.00
LIGHTHSE_115KV_TB6 355974	18.06 0.14 0.00	16.56 0.15 0.00	15.57 0.11 0.00	14.48 0.09 0.00	14.76 0.12 0.00	15.35 0.09 0.00	16.14 0.11 -0.03	15.35 0.12 -0.03	15.39 0.09 -0.03	16.34 0.07 -0.01	16.34 0.07 0.00	16.44 0.05 0.00	17.49 0.09 0.00	18.43 0.07 0.00	19.77 0.00 0.00	20.27 -0.02 0.00	24.02 0.02 -0.06	30.56 0.18 0.00	30.00 0.21 -0.03	31.87 0.22 0.00	27.41 0.33 0.00	22.84 0.27 0.00	21.34 0.23 0.00	20.26 0.24 0.00
LINDEN COGEN____ 23786	18.74 0.82 0.00	17.07 0.66 0.00	16.14 0.68 0.00	15.03 0.63 -0.01	15.29 0.64 0.00	15.96 0.70 0.00	17.49 0.72 -0.77	16.75 0.70 -0.84	16.93 0.79 -0.87	17.40 0.91 -0.23	17.22 0.94 0.00	17.39 1.00 0.00	18.43 1.03 0.00	19.49 1.14 0.00	21.00 1.23 0.00	21.46 1.18 0.00	26.37 1.58 -0.85	32.01 1.64 0.01	31.75 1.52 -0.47	33.22 1.58 0.01	28.39 1.30 0.00	23.74 1.17 0.00	22.08 0.97 0.00	20.82 0.80 0.00
LINDHRST_69_KV_BK1 356055	19.42 1.50 0.00	17.53 1.12 0.00	16.40 0.94 0.00	15.21 0.82 0.00	15.52 0.88 0.00	16.43 1.17 0.00	17.97 1.20 -0.77	17.23 1.19 -0.84	17.47 1.33 -0.87	18.00 1.51 -0.23	19.69 1.53 -1.89	20.36 1.56 -2.41	21.32 1.62 -2.30	27.49 1.76 -7.37	27.86 1.88 -6.21	29.40 1.91 -7.20	32.85 2.39 -6.52	37.06 2.95 -3.74	35.12 2.86 -2.50	37.53 3.01 -2.87	33.08 2.38 -3.61	29.40 2.03 -4.80	24.91 1.86 -1.94	22.53 1.68 -0.83
LIPA_MISC_IPP 23656	19.52 1.61 0.00	17.61 1.20 0.00	16.45 0.99 0.00	15.24 0.85 0.00	15.58 0.94 0.00	16.54 1.28 0.00	18.08 1.31 -0.77	17.32 1.28 -0.84	17.56 1.42 -0.87	18.09 1.59 -0.23	19.74 1.58 -1.89	20.41 1.61 -2.41	21.37 1.67 -2.30	27.56 1.84 -7.37	27.86 1.88 -6.21	29.40 1.91 -7.20	32.90 2.44 -6.52	37.13 3.01 -3.75	35.21 2.95 -2.51	37.66 3.13 -2.88	33.14 2.44 -3.61	29.49 2.12 -4.80	25.02 1.96 -1.94	22.63 1.78 -0.83
LISF__SOLAR 323691	19.56 1.65 0.00	17.64 1.23 0.00	16.48 1.02 0.00	15.26 0.86 0.00	15.61 0.97 0.00	16.57 1.31 0.00	18.08 1.31 -0.77	17.35 1.31 -0.84	17.59 1.45 -0.87	18.12 1.63 -0.23	19.76 1.60 -1.89	20.42 1.62 -2.41	21.39 1.69 -2.30	27.60 1.87 -7.37	27.90 1.92 -6.21	29.44 1.95 -7.20	32.95 2.49 -6.52	37.25 3.13 -3.74	35.30 3.04 -2.50	37.72 3.20 -2.88	33.22 2.52 -3.61	29.55 2.19 -4.80	25.06 2.01 -1.94	22.67 1.82 -0.83
LITTLE FALLS__HYD 24013	17.91 0.00 0.00	16.43 0.02 0.00	15.49 0.03 0.00	14.44 0.04 0.00	14.70 0.06 0.00	15.32 0.06 0.00	16.06 0.06 0.00	15.29 0.09 0.00	15.37 0.11 0.00	16.40 0.13 0.00	16.34 0.07 0.00	16.46 0.07 0.00	17.49 0.09 0.00	18.45 0.09 0.00	19.87 0.10 0.00	20.39 0.10 0.00	24.13 0.19 0.00	30.62 0.24 0.00	30.00 0.24 0.00	31.93 0.28 0.00	27.33 0.24 0.00	22.86 0.29 0.00	21.32 0.21 0.00	20.20 0.18 0.00
LITTLRIV_115KV_TB1 356100	17.36 -0.56 0.00	15.92 -0.49 0.00	14.95 -0.51 0.00	13.90 -0.49 0.00	14.16 -0.48 0.00	14.80 -0.46 0.00	15.60 -0.40 0.00	14.85 -0.35 0.00	14.93 -0.34 0.00	15.91 -0.36 0.00	15.92 -0.36 0.00	16.06 -0.33 0.00	17.07 -0.33 0.00	17.99 -0.37 0.00	19.41 -0.36 0.00	19.88 -0.41 0.00	23.36 -0.57 0.00	29.74 -0.64 0.00	29.23 -0.54 0.00	31.17 -0.47 0.00	26.57 -0.51 0.00	22.09 -0.47 0.00	20.75 -0.36 0.00	19.50 -0.52 0.00
LI_NEWBRDGE__DRP 323616	19.04 1.13 0.00	17.21 0.80 0.00	16.14 0.68 0.00	14.97 0.58 0.00	15.27 0.63 0.00	16.12 0.87 0.00	17.66 0.90 -0.77	16.93 0.88 -0.84	17.15 1.01 -0.87	17.65 1.15 -0.23	19.35 1.19 -1.89	20.02 1.21 -2.41	20.96 1.25 -2.30	27.08 1.36 -7.37	27.45 1.46 -6.21	28.95 1.46 -7.20	32.33 1.87 -6.52	36.30 2.19 -3.74	34.37 2.11 -2.50	36.77 2.25 -2.87	32.43 1.73 -3.61	28.90 1.53 -4.80	24.45 1.39 -1.94	22.07 1.22 -0.83
LOCKPORT_115KV_TB60_63_64 80432	18.16 0.25 0.00	16.64 0.23 0.00	15.64 0.19 0.00	14.58 0.19 0.00	14.85 0.21 0.00	15.41 0.15 0.00	15.94 -0.11 -0.05	15.00 -0.26 -0.05	14.95 -0.37 -0.06	15.86 -0.42 -0.01	16.02 -0.26 0.00	16.00 -0.39 0.00	17.07 -0.33 0.00	17.80 -0.55 0.00	19.18 -0.59 0.00	19.70 -0.59 0.00	23.12 -0.93 -0.12	29.31 -1.06 0.00	28.46 -1.37 -0.07	30.25 -1.39 0.00	26.52 -0.57 0.00	22.18 -0.38 0.00	20.58 -0.53 0.00	20.12 0.10 0.00
LOCKPORT__CC1 323769	18.11 0.20 0.00	16.66 0.25 0.00	15.64 0.19 0.00	14.61 0.22 0.00	14.86 0.22 0.00	15.39 0.14 0.00	15.95 -0.10 -0.05	15.00 -0.26 -0.05	14.97 -0.35 -0.06	15.87 -0.41 -0.01	16.03 -0.24 0.00	16.01 -0.38 0.00	17.12 -0.28 0.00	17.95 -0.40 0.00	19.18 -0.59 0.00	19.76 -0.53 0.00	23.17 -0.89 -0.12	29.31 -1.06 0.00	28.61 -1.22 -0.07	30.29 -1.36 0.00	26.52 -0.57 0.00	22.18 -0.38 0.00	20.58 -0.53 0.00	20.14 0.12 0.00

LOCKPORT___CC2 323770	18.11 0.20 0.00	16.66 0.25 0.00	15.64 0.19 0.00	14.61 0.22 0.00	14.86 0.22 0.00	15.39 0.14 0.00	15.95 -0.10 -0.05	15.00 -0.26 -0.05	14.97 -0.35 -0.06	15.87 -0.41 -0.01	16.03 -0.24 0.00	16.01 -0.38 0.00	17.12 -0.28 0.00	17.95 -0.40 0.00	19.18 -0.59 0.00	19.76 -0.53 0.00	23.17 -0.89 -0.12	29.31 -1.06 0.00	28.61 -1.22 -0.07	30.29 -1.36 0.00	26.52 -0.57 0.00	22.18 -0.38 0.00	20.58 -0.53 0.00	20.14 0.12 0.00
LOCKPORT___CC3 323771	18.11 0.20 0.00	16.66 0.25 0.00	15.64 0.19 0.00	14.61 0.22 0.00	14.86 0.22 0.00	15.39 0.14 0.00	15.95 -0.10 -0.05	15.00 -0.26 -0.05	14.97 -0.35 -0.06	15.87 -0.41 -0.01	16.03 -0.24 0.00	16.01 -0.38 0.00	17.12 -0.28 0.00	17.95 -0.40 0.00	19.18 -0.59 0.00	19.76 -0.53 0.00	23.17 -0.89 -0.12	29.31 -1.06 0.00	28.61 -1.22 -0.07	30.29 -1.36 0.00	26.52 -0.57 0.00	22.18 -0.38 0.00	20.58 -0.53 0.00	20.14 0.12 0.00
LONG_LAKE_PHOENIX 24014	18.14 0.23 0.00	16.64 0.23 0.00	15.66 0.20 0.00	14.57 0.17 0.00	14.85 0.21 0.00	15.42 0.17 0.00	16.22 0.19 -0.03	15.43 0.20 -0.03	15.45 0.15 -0.03	16.42 0.15 -0.01	16.44 0.16 0.00	16.54 0.15 0.00	17.59 0.19 0.00	18.54 0.18 0.00	19.91 0.14 0.00	20.43 0.14 0.00	24.24 0.24 -0.07	30.83 0.46 0.00	30.22 0.42 -0.04	32.06 0.41 0.00	27.63 0.54 0.00	22.97 0.41 0.00	21.43 0.32 0.00	20.38 0.36 0.00
LOVETT___3 23632	18.72 0.81 0.00	17.07 0.66 0.00	16.09 0.63 0.00	14.98 0.59 0.00	15.23 0.59 0.00	15.90 0.64 0.00	17.39 0.67 -0.72	16.65 0.65 -0.80	16.82 0.73 -0.82	17.29 0.81 -0.21	17.11 0.83 0.00	17.24 0.85 0.00	18.27 0.87 0.00	19.31 0.95 0.00	20.80 1.03 0.00	21.34 1.05 0.00	26.14 1.39 -0.82	31.92 1.55 0.00	31.74 1.52 -0.46	33.26 1.61 0.00	28.33 1.25 0.00	23.67 1.11 0.00	22.00 0.89 0.00	20.76 0.74 0.00
LOVETT___4 23642	18.72 0.81 0.00	17.07 0.66 0.00	16.09 0.63 0.00	14.98 0.59 0.00	15.23 0.59 0.00	15.90 0.64 0.00	17.39 0.67 -0.72	16.65 0.65 -0.80	16.82 0.73 -0.82	17.29 0.81 -0.21	17.11 0.83 0.00	17.24 0.85 0.00	18.27 0.87 0.00	19.31 0.95 0.00	20.80 1.03 0.00	21.34 1.05 0.00	26.14 1.39 -0.82	31.92 1.55 0.00	31.74 1.52 -0.46	33.26 1.61 0.00	28.33 1.25 0.00	23.67 1.11 0.00	22.00 0.89 0.00	20.76 0.74 0.00
LOVETT___5 23593	18.72 0.81 0.00	17.07 0.66 0.00	16.09 0.63 0.00	14.98 0.59 0.00	15.23 0.59 0.00	15.90 0.64 0.00	17.39 0.67 -0.72	16.65 0.65 -0.80	16.82 0.73 -0.82	17.29 0.81 -0.21	17.11 0.83 0.00	17.24 0.85 0.00	18.27 0.87 0.00	19.31 0.95 0.00	20.80 1.03 0.00	21.34 1.05 0.00	26.14 1.39 -0.82	31.92 1.55 0.00	31.74 1.52 -0.46	33.26 1.61 0.00	28.33 1.25 0.00	23.67 1.11 0.00	22.00 0.89 0.00	20.76 0.74 0.00
LOWER_RAQUET___HYD 24057	17.16 -0.75 0.00	15.72 -0.69 0.00	14.79 -0.66 0.00	13.75 -0.65 0.00	14.00 -0.64 0.00	14.63 -0.63 0.00	15.42 -0.58 0.00	14.69 -0.52 0.00	14.76 -0.50 0.00	15.74 -0.52 0.00	15.75 -0.52 0.00	15.90 -0.49 0.00	16.84 -0.56 0.00	17.77 -0.59 0.00	19.20 -0.57 0.00	19.64 -0.65 0.00	23.10 -0.84 0.00	29.37 -1.00 0.00	28.84 -0.92 0.00	30.76 -0.89 0.00	26.22 -0.87 0.00	21.80 -0.77 0.00	20.48 -0.63 0.00	19.26 -0.76 0.00
LOWER___HUDSON 24059	18.63 0.72 0.00	17.05 0.64 0.00	16.09 0.63 0.00	15.02 0.62 -0.01	15.24 0.60 0.00	15.88 0.63 0.00	17.67 0.67 -1.00	16.95 0.65 -1.10	17.01 0.61 -1.14	17.21 0.65 -0.29	16.84 0.57 0.00	16.98 0.59 0.00	17.97 0.57 0.00	19.03 0.68 0.00	20.52 0.75 0.00	21.12 0.83 0.00	26.13 1.08 -1.11	31.83 1.46 0.00	31.81 1.43 -0.62	33.17 1.52 0.00	28.28 1.19 0.00	23.49 0.93 0.00	21.89 0.78 0.00	20.68 0.66 0.00
LOWVILLE_115KV_TB2 356335	17.93 0.02 0.00	16.44 0.03 0.00	15.44 -0.02 0.00	14.37 -0.03 0.00	14.64 0.00 0.00	15.26 0.00 0.00	16.03 0.03 0.00	15.26 0.06 0.00	15.31 0.05 0.00	16.28 0.02 0.00	16.26 -0.02 0.00	16.37 -0.02 0.00	17.42 0.02 0.00	18.37 0.02 0.00	19.75 -0.02 0.00	20.29 0.00 0.00	24.04 0.07 -0.03	30.62 0.24 0.00	30.11 0.33 -0.02	32.03 0.38 0.00	27.47 0.38 0.00	22.88 0.32 0.00	21.30 0.19 0.00	20.12 0.10 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	18.91 1.00 0.00	17.31 0.90 0.00	16.34 0.88 0.00	15.23 0.83 0.00	15.46 0.82 0.00	16.12 0.87 0.00	17.91 0.90 -1.01	17.18 0.87 -1.11	17.26 0.84 -1.15	17.43 0.86 -0.30	17.04 0.76 0.00	17.18 0.79 0.00	18.18 0.78 0.00	19.27 0.92 0.00	20.84 1.07 0.00	21.44 1.16 0.00	26.53 1.46 -1.14	32.32 1.94 0.00	32.36 1.96 -0.64	33.83 2.18 0.00	28.79 1.71 0.00	23.94 1.38 0.00	22.29 1.18 0.00	21.04 1.02 0.00
LUTHERNY_35_KV_BK2 355980	18.93 1.02 0.00	17.31 0.90 0.00	16.34 0.88 0.00	15.23 0.83 0.00	15.46 0.82 0.00	16.12 0.87 0.00	17.91 0.90 -1.01	17.20 0.88 -1.11	17.26 0.84 -1.15	17.44 0.88 -0.30	17.06 0.78 0.00	17.18 0.79 0.00	18.18 0.78 0.00	19.29 0.94 0.00	20.86 1.09 0.00	21.46 1.18 0.00	26.55 1.48 -1.14	32.35 1.97 0.00	32.39 1.99 -0.64	33.86 2.22 0.00	28.82 1.73 0.00	23.96 1.40 0.00	22.31 1.20 0.00	21.06 1.04 0.00
LWR___OSWEGATCHIE_HYD 23850	17.48 -0.43 0.00	16.03 -0.38 0.00	15.06 -0.40 0.00	14.01 -0.39 0.00	14.28 -0.37 0.00	14.89 -0.37 0.00	15.66 -0.34 0.00	14.93 -0.27 0.00	14.98 -0.29 0.00	15.96 -0.31 0.00	15.95 -0.33 0.00	16.08 -0.31 0.00	17.09 -0.31 0.00	18.01 -0.35 0.00	19.39 -0.38 0.00	19.88 -0.41 0.00	23.48 -0.48 -0.02	29.89 -0.49 0.00	29.39 -0.39 -0.01	31.27 -0.38 0.00	26.76 -0.33 0.00	22.27 -0.29 0.00	20.84 -0.27 0.00	19.64 -0.38 0.00
LYONS_FALL_HYD 23570	18.04 0.13 0.00	16.54 0.13 0.00	15.54 0.08 0.00	14.47 0.07 0.00	14.75 0.10 0.00	15.36 0.11 0.00	16.13 0.13 0.00	15.34 0.14 0.00	15.39 0.12 0.00	16.36 0.10 0.00	16.36 0.08 0.00	16.47 0.08 0.00	17.52 0.12 0.00	18.45 0.09 0.00	19.87 0.10 0.00	20.41 0.12 0.00	24.18 0.21 -0.03	30.74 0.37 0.00	30.23 0.45 -0.02	32.15 0.50 0.00	27.55 0.46 0.00	22.97 0.41 0.00	21.38 0.27 0.00	20.24 0.22 0.00
MADISON___COUNTY_LFGE 323628	18.29 0.38 0.00	16.77 0.36 0.00	15.77 0.31 0.00	14.68 0.29 0.00	14.95 0.31 0.00	15.56 0.31 0.00	16.34 0.32 -0.02	15.54 0.32 -0.02	15.58 0.29 -0.02	16.56 0.29 -0.01	16.55 0.28 0.00	16.67 0.28 0.00	17.73 0.33 0.00	18.69 0.33 0.00	20.11 0.34 0.00	20.63 0.34 0.00	24.49 0.50 -0.05	31.07 0.70 0.00	30.50 0.71 -0.03	32.41 0.76 0.00	27.85 0.76 0.00	23.17 0.61 0.00	21.58 0.46 0.00	20.50 0.48 0.00
MALONE___115KV_TB1 356076	17.55 -0.36 0.00	16.10 -0.31 0.00	15.15 -0.31 0.00	14.08 -0.32 0.00	14.34 -0.31 0.00	15.04 -0.21 0.00	15.89 -0.11 0.00	15.14 -0.06 0.00	15.27 0.00 0.00	16.33 0.07 0.00	16.41 0.13 0.00	16.55 0.16 0.00	17.57 0.17 0.00	18.50 0.15 0.00	20.03 0.26 0.00	20.57 0.28 0.00	24.13 0.19 0.00	30.71 0.33 0.00	30.15 0.39 0.00	32.15 0.51 0.00	27.36 0.27 0.00	22.70 0.14 0.00	21.32 0.21 0.00	20.00 -0.02 0.00

MAPLEWOD_115KV_TB3 80458	18.49 0.57 0.00	16.94 0.53 0.00	15.98 0.53 0.00	14.91 0.52 0.00	15.14 0.50 0.00	15.77 0.52 0.00	17.52 0.53 -0.99	16.83 0.53 -1.09	16.90 0.50 -1.13	17.08 0.52 -0.29	16.75 0.47 0.00	16.88 0.49 0.00	17.89 0.49 0.00	18.96 0.61 0.00	20.42 0.65 0.00	21.02 0.73 0.00	25.95 0.91 -1.11	31.59 1.21 0.00	31.57 1.19 -0.62	32.94 1.30 0.00	28.01 0.92 0.00	23.31 0.74 0.00	21.72 0.61 0.00	20.50 0.48 0.00
MAPLE_RIDGE_WT_1 323574	17.72 -0.20 0.00	16.28 -0.13 0.00	15.37 -0.09 0.00	14.32 -0.07 0.00	14.59 -0.06 0.00	15.19 -0.06 0.00	15.95 -0.05 0.00	15.17 -0.03 0.00	15.23 -0.03 0.00	16.25 -0.02 0.00	16.26 -0.02 0.00	16.37 -0.02 0.00	17.40 0.00 0.00	18.35 0.00 0.00	19.75 -0.02 0.00	20.27 -0.02 0.00	23.93 0.00 0.00	30.37 0.00 0.00	29.76 0.00 0.00	31.65 0.00 0.00	27.09 0.00 0.00	22.56 0.00 0.00	21.07 -0.04 0.00	20.00 -0.02 0.00
MAPLE_RIDGE_WT_2 323611	17.72 -0.20 0.00	16.28 -0.13 0.00	15.37 -0.09 0.00	14.32 -0.07 0.00	14.59 -0.06 0.00	15.19 -0.06 0.00	15.95 -0.05 0.00	15.17 -0.03 0.00	15.23 -0.03 0.00	16.25 -0.02 0.00	16.26 -0.02 0.00	16.37 -0.02 0.00	17.40 0.00 0.00	18.35 0.00 0.00	19.75 -0.02 0.00	20.27 -0.02 0.00	23.93 0.00 0.00	30.37 0.00 0.00	29.76 0.00 0.00	31.65 0.00 0.00	27.09 0.00 0.00	22.56 0.00 0.00	21.07 -0.04 0.00	20.00 -0.02 0.00
MARBLE_RIVER_WT_PWR 323696	17.55 -0.36 0.00	16.08 -0.33 0.00	15.15 -0.31 0.00	14.08 -0.32 0.00	14.37 -0.28 0.00	15.07 -0.18 0.00	15.90 -0.10 0.00	15.14 -0.06 0.00	15.28 0.02 0.00	16.36 0.10 0.00	16.42 0.15 0.00	16.59 0.20 0.00	17.54 0.14 0.00	18.56 0.20 0.00	20.07 0.30 0.00	20.61 0.32 0.00	24.20 0.26 0.00	30.77 0.39 0.00	30.21 0.45 0.00	32.22 0.57 0.00	27.39 0.30 0.00	22.74 0.18 0.00	21.34 0.23 0.00	20.06 0.04 0.00
MARSHVLE_115KV_TB1 80742	19.00 1.09 0.00	17.39 0.98 0.00	16.39 0.93 0.00	15.27 0.88 0.00	15.52 0.88 0.00	16.19 0.93 0.00	18.09 0.96 -1.13	17.39 0.94 -1.25	17.48 0.92 -1.29	17.53 0.93 -0.33	17.14 0.86 0.00	17.29 0.90 0.00	18.39 0.99 0.00	19.51 1.16 0.00	21.11 1.34 0.00	21.61 1.32 0.00	27.08 1.77 -1.37	32.80 2.43 0.00	32.97 2.44 -0.77	34.43 2.78 0.00	29.23 2.14 0.00	24.41 1.85 0.00	22.61 1.50 0.00	21.32 1.30 0.00
MARSH_HILL_WT_PWR 323713	18.56 0.64 0.00	17.05 0.64 0.00	16.03 0.57 0.00	14.94 0.55 0.00	15.21 0.57 0.00	15.73 0.47 0.00	16.41 0.34 -0.07	15.54 0.26 -0.08	15.54 0.20 -0.08	16.53 0.24 -0.02	16.63 0.36 0.00	16.64 0.25 0.00	17.75 0.35 0.00	18.61 0.26 0.00	19.93 0.16 0.00	20.53 0.24 0.00	24.22 0.12 -0.16	30.89 0.52 0.00	30.12 0.27 -0.09	31.87 0.22 0.00	27.87 0.79 0.00	23.22 0.65 0.00	21.56 0.44 0.00	20.74 0.72 0.00
MCINTYRE_115KV_TB2 80467	17.50 -0.41 0.00	16.05 -0.36 0.00	15.09 -0.37 0.00	14.02 -0.37 0.00	14.28 -0.37 0.00	14.92 -0.34 0.00	15.71 -0.29 0.00	14.97 -0.23 0.00	15.04 -0.23 0.00	16.04 -0.23 0.00	16.03 -0.24 0.00	16.18 -0.21 0.00	17.21 -0.19 0.00	18.12 -0.24 0.00	19.55 -0.22 0.00	20.04 -0.24 0.00	23.55 -0.38 0.00	29.98 -0.39 0.00	29.49 -0.27 0.00	31.43 -0.22 0.00	26.82 -0.27 0.00	22.29 -0.27 0.00	20.94 -0.17 0.00	19.68 -0.34 0.00
MECO____69_KV_BK1 80468	19.43 1.52 0.00	17.76 1.35 0.00	16.76 1.30 0.00	15.62 1.22 0.00	15.84 1.20 0.00	16.55 1.30 0.00	18.43 1.33 -1.10	17.73 1.32 -1.21	17.75 1.24 -1.25	17.81 1.22 -0.32	17.38 1.11 0.00	17.57 1.18 0.00	18.70 1.30 0.00	19.93 1.58 0.00	21.71 1.94 0.00	22.32 2.03 0.00	27.79 2.56 -1.30	33.96 3.58 0.00	34.12 3.63 -0.73	35.76 4.11 0.00	30.20 3.12 0.00	25.16 2.59 0.00	23.22 2.11 0.00	21.84 1.82 0.00
MENANDS_115KV_TB5 355628	18.38 0.47 0.00	16.85 0.44 0.00	15.92 0.46 0.00	14.84 0.45 0.00	15.07 0.42 0.00	15.71 0.46 0.00	17.46 0.46 -0.99	16.75 0.46 -1.09	16.82 0.43 -1.13	17.01 0.46 -0.29	16.68 0.41 0.00	16.82 0.43 0.00	17.82 0.42 0.00	18.87 0.51 0.00	20.30 0.53 0.00	20.90 0.61 0.00	25.80 0.77 -1.10	31.38 1.00 0.00	31.36 0.98 -0.62	32.72 1.08 0.00	27.85 0.76 0.00	23.17 0.61 0.00	21.58 0.46 0.00	20.38 0.36 0.00
MG INDUSTRY___DRP 24185	18.49 0.57 0.00	16.97 0.56 0.00	16.01 0.56 0.00	14.93 0.53 0.00	15.16 0.51 0.00	15.80 0.55 0.00	17.52 0.54 -0.97	16.79 0.52 -1.07	16.86 0.49 -1.11	17.07 0.52 -0.29	16.75 0.47 0.00	16.88 0.49 0.00	17.89 0.49 0.00	18.94 0.59 0.00	20.40 0.63 0.00	21.00 0.71 0.00	25.85 0.84 -1.07	31.50 1.12 0.00	31.46 1.10 -0.60	32.88 1.23 0.00	27.98 0.89 0.00	23.29 0.72 0.00	21.68 0.57 0.00	20.50 0.48 0.00
MID___OSWEGATCHIE_HYD 23849	17.48 -0.43 0.00	16.03 -0.38 0.00	15.06 -0.40 0.00	14.01 -0.39 0.00	14.28 -0.37 0.00	14.89 -0.37 0.00	15.66 -0.34 0.00	14.93 -0.27 0.00	14.98 -0.29 0.00	15.96 -0.31 0.00	15.95 -0.33 0.00	16.08 -0.31 0.00	17.09 -0.31 0.00	18.01 -0.35 0.00	19.39 -0.38 0.00	19.88 -0.41 0.00	23.48 -0.48 -0.02	29.89 -0.49 0.00	29.39 -0.39 -0.01	31.27 -0.38 0.00	26.76 -0.33 0.00	22.27 -0.29 0.00	20.84 -0.27 0.00	19.64 -0.38 0.00
MID___RAQUETTE_HYD 23851	17.14 -0.77 0.00	15.72 -0.69 0.00	14.79 -0.66 0.00	13.75 -0.65 0.00	14.00 -0.64 0.00	14.63 -0.63 0.00	15.42 -0.58 0.00	14.69 -0.52 0.00	14.76 -0.50 0.00	15.75 -0.52 0.00	15.75 -0.52 0.00	15.90 -0.49 0.00	16.88 -0.52 0.00	17.79 -0.57 0.00	19.20 -0.57 0.00	19.66 -0.63 0.00	23.10 -0.84 0.00	29.34 -1.03 0.00	28.84 -0.92 0.00	30.73 -0.92 0.00	26.22 -0.87 0.00	21.80 -0.77 0.00	20.48 -0.63 0.00	19.26 -0.76 0.00
MILLIKEN___1 23584	18.31 0.39 0.00	16.79 0.38 0.00	15.80 0.34 0.00	14.70 0.30 0.00	14.98 0.34 0.00	15.56 0.31 0.00	16.37 0.30 -0.07	15.58 0.30 -0.07	15.62 0.27 -0.08	16.55 0.26 -0.02	16.55 0.28 0.00	16.64 0.25 0.00	17.70 0.30 0.00	18.63 0.28 0.00	20.05 0.28 0.00	20.59 0.30 0.00	24.57 0.48 -0.16	31.16 0.79 0.00	30.57 0.71 -0.09	32.44 0.79 0.00	27.93 0.84 0.00	23.22 0.65 0.00	21.64 0.53 0.00	20.58 0.56 0.00
MILLIKEN___2 23585	18.31 0.39 0.00	16.79 0.38 0.00	15.80 0.34 0.00	14.70 0.30 0.00	14.98 0.34 0.00	15.56 0.31 0.00	16.37 0.30 -0.07	15.58 0.30 -0.07	15.62 0.27 -0.08	16.55 0.26 -0.02	16.55 0.28 0.00	16.64 0.25 0.00	17.70 0.30 0.00	18.63 0.28 0.00	20.05 0.28 0.00	20.59 0.30 0.00	24.57 0.48 -0.16	31.16 0.79 0.00	30.57 0.71 -0.09	32.44 0.79 0.00	27.93 0.84 0.00	23.22 0.65 0.00	21.64 0.53 0.00	20.58 0.56 0.00
MILLIKEN___DIESEL 23629	18.31 0.39 0.00	16.79 0.38 0.00	15.80 0.34 0.00	14.70 0.30 0.00	14.98 0.34 0.00	15.56 0.31 0.00	16.37 0.30 -0.07	15.58 0.30 -0.07	15.62 0.27 -0.08	16.55 0.26 -0.02	16.55 0.28 0.00	16.64 0.25 0.00	17.70 0.30 0.00	18.63 0.28 0.00	20.05 0.28 0.00	20.59 0.30 0.00	24.57 0.48 -0.16	31.16 0.79 0.00	30.57 0.71 -0.09	32.44 0.79 0.00	27.93 0.84 0.00	23.22 0.65 0.00	21.64 0.53 0.00	20.58 0.56 0.00

MILLSEAT___LFGE 323607	18.31 0.39 0.00	16.84 0.43 0.00	15.80 0.34 0.00	14.74 0.34 0.00	14.99 0.35 0.00	15.58 0.32 0.00	16.14 0.10 -0.05	15.21 -0.05 -0.05	15.18 -0.14 -0.05	16.09 -0.19 -0.01	16.23 -0.05 0.00	16.21 -0.18 0.00	17.35 -0.05 0.00	18.21 -0.15 0.00	19.47 -0.30 0.00	20.05 -0.24 0.00	23.57 -0.48 -0.12	29.89 -0.49 0.00	29.20 -0.63 -0.06	30.95 -0.70 0.00	27.06 -0.03 0.00	22.59 0.02 0.00	20.96 -0.15 0.00	20.40 0.38 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	18.77 0.86 0.00	17.12 0.71 0.00	16.14 0.68 0.00	15.04 0.65 0.00	15.29 0.64 0.00	15.96 0.70 0.00	17.49 0.74 -0.76	16.75 0.71 -0.83	16.91 0.78 -0.86	17.37 0.88 -0.22	17.17 0.90 0.00	17.32 0.93 0.00	18.36 0.96 0.00	19.40 1.05 0.00	20.90 1.13 0.00	21.42 1.14 0.00	26.29 1.51 -0.85	32.08 1.70 0.00	31.90 1.67 -0.47	33.39 1.74 0.00	28.47 1.38 0.00	23.76 1.20 0.00	22.10 0.99 0.00	20.86 0.84 0.00
MILLWOOD_13_KV_LOAD 356217	18.81 0.90 0.00	17.15 0.74 0.00	16.17 0.71 0.00	15.07 0.68 0.00	15.30 0.66 0.00	15.99 0.73 0.00	17.51 0.75 -0.76	16.77 0.73 -0.83	16.94 0.81 -0.86	17.38 0.89 -0.22	17.24 0.96 0.00	17.37 0.98 0.00	18.41 1.01 0.00	19.47 1.12 0.00	20.98 1.21 0.00	21.50 1.22 0.00	26.39 1.60 -0.85	32.23 1.85 0.00	32.02 1.79 -0.47	33.55 1.90 0.00	28.58 1.49 0.00	23.85 1.29 0.00	22.17 1.06 0.00	20.92 0.90 0.00
MODEL_CITY_ENERGY 24167	17.93 0.02 0.00	16.49 0.08 0.00	15.50 0.05 0.00	14.48 0.09 0.00	14.72 0.07 0.00	15.30 0.05 0.00	15.81 -0.24 -0.05	14.86 -0.40 -0.05	14.83 -0.49 -0.06	15.71 -0.57 -0.01	15.87 -0.41 0.00	15.85 -0.54 0.00	16.95 -0.45 0.00	17.77 -0.59 0.00	18.98 -0.79 0.00	19.56 -0.73 0.00	22.93 -1.12 -0.12	29.01 -1.37 0.00	28.28 -1.55 -0.07	29.97 -1.68 0.00	26.20 -0.89 0.00	21.93 -0.63 0.00	20.37 -0.74 0.00	19.94 -0.08 0.00
MODERN_LFGE___ 323580	17.93 0.02 0.00	16.49 0.08 0.00	15.50 0.05 0.00	14.48 0.09 0.00	14.72 0.07 0.00	15.30 0.05 0.00	15.81 -0.24 -0.05	14.86 -0.40 -0.05	14.83 -0.49 -0.06	15.71 -0.57 -0.01	15.87 -0.41 0.00	15.85 -0.54 0.00	16.95 -0.45 0.00	17.77 -0.59 0.00	18.98 -0.79 0.00	19.56 -0.73 0.00	22.93 -1.12 -0.12	29.01 -1.37 0.00	28.28 -1.55 -0.07	29.97 -1.68 0.00	26.20 -0.89 0.00	21.93 -0.63 0.00	20.37 -0.74 0.00	19.94 -0.08 0.00
MOHAWK_PAPER___DRP 24187	18.49 0.57 0.00	16.94 0.53 0.00	15.98 0.53 0.00	14.91 0.52 0.00	15.14 0.50 0.00	15.77 0.52 0.00	17.52 0.53 -0.99	16.83 0.53 -1.09	16.90 0.50 -1.13	17.08 0.52 -0.29	16.75 0.47 0.00	16.88 0.49 0.00	17.89 0.49 0.00	18.96 0.61 0.00	20.42 0.65 0.00	21.02 0.73 0.00	25.95 0.91 -1.11	31.59 1.21 0.00	31.57 1.19 -0.62	32.94 1.30 0.00	28.01 0.92 0.00	23.31 0.74 0.00	21.72 0.61 0.00	20.50 0.48 0.00
MOHICAN___35_KV_115KV_LD 80490	19.13 1.22 0.00	17.49 1.08 0.00	16.51 1.05 0.00	15.39 0.99 0.00	15.62 0.98 0.00	16.29 1.04 0.00	18.08 1.07 -1.01	17.38 1.06 -1.11	17.44 1.02 -1.16	17.62 1.06 -0.30	17.15 0.88 0.00	17.28 0.89 0.00	18.27 0.87 0.00	19.35 0.99 0.00	20.98 1.21 0.00	21.61 1.32 0.00	26.75 1.68 -1.14	32.65 2.28 0.00	32.72 2.32 -0.64	34.31 2.66 0.00	29.23 2.14 0.00	24.28 1.71 0.00	22.63 1.52 0.00	21.34 1.32 0.00
MONGAUP___HYD 23641	18.66 0.75 0.00	17.03 0.62 0.00	16.03 0.57 0.00	14.93 0.53 0.00	15.19 0.54 0.00	15.82 0.56 0.00	17.23 0.58 -0.65	16.47 0.55 -0.72	16.61 0.59 -0.75	17.09 0.63 -0.19	16.89 0.62 0.00	17.01 0.62 0.00	18.08 0.68 0.00	19.11 0.75 0.00	20.56 0.79 0.00	21.14 0.85 0.00	25.89 1.20 -0.76	31.83 1.46 0.00	31.61 1.43 -0.42	33.23 1.58 0.00	28.36 1.27 0.00	23.60 1.04 0.00	21.93 0.82 0.00	20.72 0.70 0.00
MONTAUK___DIESEL 23721	20.20 2.29 0.00	18.22 1.81 0.00	16.99 1.53 0.00	15.72 1.32 0.00	16.08 1.44 0.00	17.12 1.86 0.00	18.67 1.90 -0.77	17.90 1.85 -0.84	18.18 2.05 -0.87	18.75 2.26 -0.23	20.41 2.25 -1.89	21.10 2.29 -2.41	22.09 2.38 -2.30	28.37 2.64 -7.37	28.79 2.81 -6.21	30.39 2.90 -7.20	34.07 3.61 -6.52	38.68 4.56 -3.75	36.70 4.43 -2.51	39.21 4.68 -2.88	34.44 3.74 -3.61	30.50 3.14 -4.80	25.91 2.85 -1.94	23.51 2.66 -0.83
MOONROAD_115KV_HARTFLD_TB1-2 355988	18.72 0.81 0.00	17.18 0.77 0.00	16.17 0.71 0.00	15.07 0.68 0.00	15.35 0.70 0.00	15.83 0.58 0.00	16.36 0.30 -0.06	15.46 0.20 -0.06	15.48 0.15 -0.07	16.54 0.26 -0.02	16.73 0.46 0.00	16.69 0.30 0.00	17.80 0.40 0.00	18.56 0.20 0.00	19.95 0.18 0.00	20.53 0.24 0.00	23.90 -0.17 -0.14	30.65 0.27 0.00	29.51 -0.33 -0.08	31.77 0.13 0.00	27.74 0.65 0.00	23.13 0.56 0.00	21.39 0.27 0.00	20.76 0.74 0.00
MORTIMER_115KV_TB3 55949	18.18 0.27 0.00	16.69 0.28 0.00	15.67 0.22 0.00	14.60 0.20 0.00	14.86 0.22 0.00	15.41 0.15 0.00	16.15 0.11 -0.04	15.26 0.02 -0.04	15.27 -0.05 -0.05	16.15 -0.13 -0.01	16.24 -0.03 0.00	16.29 -0.10 0.00	17.36 -0.03 0.00	18.19 -0.17 0.00	19.61 -0.16 0.00	20.13 -0.16 0.00	23.84 -0.19 -0.10	30.13 -0.24 0.00	29.49 -0.33 -0.05	31.24 -0.41 0.00	27.17 0.08 0.00	22.63 0.07 0.00	21.07 -0.04 0.00	20.30 0.28 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	18.84 0.93 0.00	17.16 0.75 0.00	16.20 0.74 0.00	15.09 0.69 0.00	15.35 0.70 0.00	16.00 0.75 0.00	17.57 0.80 -0.77	16.82 0.78 -0.84	17.01 0.87 -0.87	17.47 0.98 -0.23	17.28 1.01 0.00	17.44 1.05 0.00	18.50 1.10 0.00	19.57 1.21 0.00	21.07 1.30 0.00	21.57 1.28 0.00	26.46 1.68 -0.85	32.20 1.82 0.00	32.00 1.76 -0.48	33.48 1.84 0.00	28.55 1.46 0.00	23.85 1.29 0.00	22.21 1.10 0.00	20.94 0.92 0.00
MUNSVILLE_WIND_PWR 323609	19.09 1.18 0.00	17.54 1.13 0.00	16.43 0.97 0.00	15.30 0.91 0.00	15.64 1.00 0.00	16.26 1.01 0.00	17.15 1.06 -0.10	16.36 1.05 -0.11	16.37 0.99 -0.11	17.29 0.99 -0.03	17.22 0.94 0.00	17.32 0.93 0.00	18.51 1.11 0.00	19.40 1.05 0.00	20.92 1.15 0.00	21.57 1.28 0.00	25.92 1.75 -0.24	32.93 2.55 0.00	32.51 2.62 -0.13	34.43 2.79 0.00	29.72 2.63 0.00	24.78 2.21 0.00	22.88 1.77 0.00	21.66 1.64 0.00
N SALMON___HYD 24042	17.55 -0.36 0.00	16.10 -0.31 0.00	15.15 -0.31 0.00	14.08 -0.32 0.00	14.34 -0.31 0.00	15.04 -0.21 0.00	15.89 -0.11 0.00	15.14 -0.06 0.00	15.27 0.00 0.00	16.33 0.07 0.00	16.41 0.13 0.00	16.55 0.16 0.00	17.50 0.11 0.00	18.50 0.15 0.00	20.03 0.26 0.00	20.57 0.28 0.00	24.12 0.19 0.00	30.71 0.33 0.00	30.15 0.39 0.00	32.18 0.54 0.00	27.36 0.27 0.00	22.70 0.14 0.00	21.32 0.21 0.00	20.00 -0.02 0.00
N.AKRON___115KV_KNAPP 355671	18.38 0.47 0.00	16.84 0.43 0.00	15.81 0.36 0.00	14.73 0.33 0.00	15.01 0.37 0.00	15.58 0.32 0.00	16.14 0.10 -0.05	15.19 -0.06 -0.05	15.17 -0.15 -0.05	16.08 -0.20 -0.01	16.23 -0.05 0.00	16.21 -0.18 0.00	17.30 -0.10 0.00	18.06 -0.29 0.00	19.47 -0.30 0.00	20.00 -0.28 0.00	23.52 -0.53 -0.12	29.86 -0.52 0.00	29.02 -0.80 -0.07	30.86 -0.79 0.00	27.06 -0.03 0.00	22.59 0.02 0.00	20.94 -0.17 0.00	20.40 0.38 0.00

N.BELMOR_69_KV_BK1 55787	19.18 1.27 0.00	17.36 0.95 0.00	16.26 0.80 0.00	15.10 0.71 0.00	15.39 0.75 0.00	16.25 0.99 0.00	17.79 1.02 -0.77	17.05 1.00 -0.84	17.28 1.14 -0.87	17.79 1.30 -0.23	19.50 1.33 -1.89	20.18 1.38 -2.41	21.11 1.41 -2.30	27.27 1.54 -7.37	27.64 1.66 -6.21	29.15 1.66 -7.20	32.59 2.13 -6.52	36.63 2.52 -3.74	34.70 2.44 -2.50	37.11 2.60 -2.87	32.76 2.06 -3.61	29.13 1.76 -4.80	24.62 1.56 -1.94	22.25 1.40 -0.83
N.E_GEN_SANDY PD 24062	18.61 0.70 0.00	17.00 0.59 0.00	16.05 0.59 0.00	14.98 0.58 -0.01	15.20 0.56 0.00	15.85 0.59 0.00	17.52 0.62 -0.90	16.81 0.62 -0.99	16.90 0.61 -1.02	17.18 0.65 -0.26	16.88 0.60 0.00	17.01 0.62 0.00	18.01 0.61 0.00	19.03 0.68 0.00	20.48 0.71 0.00	21.10 0.81 0.00	26.00 1.08 -0.99	31.74 1.37 0.00	31.65 1.34 -0.55	33.01 1.36 0.00	28.12 1.03 0.00	23.42 0.86 0.00	21.81 0.70 0.00	20.60 0.58 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	18.74 0.82 0.00	17.08 0.67 0.00	16.11 0.65 0.00	15.00 0.60 0.00	15.24 0.60 0.00	15.91 0.66 0.00	17.39 0.67 -0.72	16.66 0.67 -0.79	16.83 0.75 -0.82	17.31 0.83 -0.21	17.12 0.85 0.00	17.26 0.87 0.00	18.29 0.89 0.00	19.33 0.97 0.00	20.82 1.05 0.00	21.36 1.08 0.00	26.16 1.41 -0.81	31.98 1.61 0.00	31.77 1.55 -0.46	33.29 1.65 0.00	28.39 1.30 0.00	23.69 1.13 0.00	22.04 0.93 0.00	20.78 0.76 0.00
N.QUEENS_27_KV_LOAD 356247	18.79 0.88 0.00	17.13 0.72 0.00	16.15 0.70 0.00	15.04 0.65 0.00	15.29 0.64 0.00	15.96 0.70 0.00	17.53 0.77 -0.77	16.81 0.76 -0.84	16.99 0.85 -0.87	17.48 0.99 -0.23	17.28 1.01 0.00	17.47 1.08 0.00	18.53 1.13 0.00	19.62 1.27 0.00	21.13 1.36 0.00	21.61 1.32 0.00	26.51 1.72 -0.85	32.17 1.79 0.00	31.97 1.73 -0.48	33.42 1.77 0.00	28.47 1.38 0.00	23.83 1.26 0.00	22.17 1.06 0.00	20.86 0.84 0.00
N.TROY___115KV_TB1 355778	18.63 0.72 0.00	17.05 0.64 0.00	16.09 0.63 0.00	15.01 0.62 0.00	15.24 0.60 0.00	15.88 0.63 0.00	17.65 0.66 -1.00	16.95 0.65 -1.10	17.01 0.61 -1.14	17.21 0.65 -0.29	16.85 0.57 0.00	16.98 0.59 0.00	17.97 0.57 0.00	19.02 0.66 0.00	20.52 0.75 0.00	21.14 0.85 0.00	26.12 1.08 -1.11	31.80 1.43 0.00	31.81 1.43 -0.62	33.17 1.52 0.00	28.23 1.14 0.00	23.49 0.93 0.00	21.89 0.78 0.00	20.68 0.66 0.00
NARROWS_GT1_1 24228	18.79 0.88 0.00	17.10 0.69 0.00	16.02 0.57 0.01	14.99 0.59 0.00	15.25 0.61 0.00	15.91 0.66 0.00	17.45 0.69 -0.76	16.76 0.71 -0.84	16.96 0.82 -0.87	17.45 0.96 -0.22	17.28 1.01 0.00	17.47 1.08 0.00	18.54 1.15 0.00	19.64 1.28 0.00	21.15 1.38 0.00	21.58 1.30 0.00	26.56 1.77 -0.85	32.34 1.97 0.01	32.14 1.91 -0.47	33.63 1.99 0.01	28.52 1.43 0.00	23.85 1.29 0.00	22.16 1.06 0.00	20.88 0.86 0.00
NARROWS_GT1_2 24229	18.79 0.88 0.00	17.10 0.69 0.00	16.02 0.57 0.01	14.99 0.59 0.00	15.25 0.61 0.00	15.91 0.66 0.00	17.45 0.69 -0.76	16.76 0.71 -0.84	16.96 0.82 -0.87	17.45 0.96 -0.22	17.28 1.01 0.00	17.47 1.08 0.00	18.54 1.15 0.00	19.64 1.28 0.00	21.15 1.38 0.00	21.58 1.30 0.00	26.56 1.77 -0.85	32.34 1.97 0.01	32.14 1.91 -0.47	33.63 1.99 0.01	28.52 1.43 0.00	23.85 1.29 0.00	22.16 1.06 0.00	20.88 0.86 0.00
NARROWS_GT1_3 24230	18.79 0.88 0.00	17.10 0.69 0.00	16.02 0.57 0.01	14.99 0.59 0.00	15.25 0.61 0.00	15.91 0.66 0.00	17.45 0.69 -0.76	16.76 0.71 -0.84	16.96 0.82 -0.87	17.45 0.96 -0.22	17.28 1.01 0.00	17.47 1.08 0.00	18.54 1.15 0.00	19.64 1.28 0.00	21.15 1.38 0.00	21.58 1.30 0.00	26.56 1.77 -0.85	32.34 1.97 0.01	32.14 1.91 -0.47	33.63 1.99 0.01	28.52 1.43 0.00	23.85 1.29 0.00	22.16 1.06 0.00	20.88 0.86 0.00
NARROWS_GT1_4 24231	18.79 0.88 0.00	17.10 0.69 0.00	16.02 0.57 0.01	14.99 0.59 0.00	15.25 0.61 0.00	15.91 0.66 0.00	17.45 0.69 -0.76	16.76 0.71 -0.84	16.96 0.82 -0.87	17.45 0.96 -0.22	17.28 1.01 0.00	17.47 1.08 0.00	18.54 1.15 0.00	19.64 1.28 0.00	21.15 1.38 0.00	21.58 1.30 0.00	26.56 1.77 -0.85	32.34 1.97 0.01	32.14 1.91 -0.47	33.63 1.99 0.01	28.52 1.43 0.00	23.85 1.29 0.00	22.16 1.06 0.00	20.88 0.86 0.00
NARROWS_GT1_5 24232	18.79 0.88 0.00	17.10 0.69 0.00	16.02 0.57 0.01	14.99 0.59 0.00	15.25 0.61 0.00	15.91 0.66 0.00	17.45 0.69 -0.76	16.76 0.71 -0.84	16.96 0.82 -0.87	17.45 0.96 -0.22	17.28 1.01 0.00	17.47 1.08 0.00	18.54 1.15 0.00	19.64 1.28 0.00	21.15 1.38 0.00	21.58 1.30 0.00	26.56 1.77 -0.85	32.34 1.97 0.01	32.14 1.91 -0.47	33.63 1.99 0.01	28.52 1.43 0.00	23.85 1.29 0.00	22.16 1.06 0.00	20.88 0.86 0.00
NARROWS_GT1_6 24233	18.79 0.88 0.00	17.10 0.69 0.00	16.02 0.57 0.01	14.99 0.59 0.00	15.25 0.61 0.00	15.91 0.66 0.00	17.45 0.69 -0.76	16.76 0.71 -0.84	16.96 0.82 -0.87	17.45 0.96 -0.22	17.28 1.01 0.00	17.47 1.08 0.00	18.54 1.15 0.00	19.64 1.28 0.00	21.15 1.38 0.00	21.58 1.30 0.00	26.56 1.77 -0.85	32.34 1.97 0.01	32.14 1.91 -0.47	33.63 1.99 0.01	28.52 1.43 0.00	23.85 1.29 0.00	22.16 1.06 0.00	20.88 0.86 0.00
NARROWS_GT1_7 24234	18.79 0.88 0.00	17.10 0.69 0.00	16.02 0.57 0.01	14.99 0.59 0.00	15.25 0.61 0.00	15.91 0.66 0.00	17.45 0.69 -0.76	16.76 0.71 -0.84	16.96 0.82 -0.87	17.45 0.96 -0.22	17.28 1.01 0.00	17.47 1.08 0.00	18.54 1.15 0.00	19.64 1.28 0.00	21.15 1.38 0.00	21.58 1.30 0.00	26.56 1.77 -0.85	32.34 1.97 0.01	32.14 1.91 -0.47	33.63 1.99 0.01	28.52 1.43 0.00	23.85 1.29 0.00	22.16 1.06 0.00	20.88 0.86 0.00
NARROWS_GT1_8 24235	18.79 0.88 0.00	17.10 0.69 0.00	16.02 0.57 0.01	14.99 0.59 0.00	15.25 0.61 0.00	15.91 0.66 0.00	17.45 0.69 -0.76	16.76 0.71 -0.84	16.96 0.82 -0.87	17.45 0.96 -0.22	17.28 1.01 0.00	17.47 1.08 0.00	18.54 1.15 0.00	19.64 1.28 0.00	21.15 1.38 0.00	21.58 1.30 0.00	26.56 1.77 -0.85	32.34 1.97 0.01	32.14 1.91 -0.47	33.63 1.99 0.01	28.52 1.43 0.00	23.85 1.29 0.00	22.16 1.06 0.00	20.88 0.86 0.00
NARROWS_GT2_1 24236	18.86 0.95 0.00	17.17 0.76 0.00	16.12 0.66 0.00	15.04 0.63 -0.01	15.31 0.66 0.00	15.96 0.70 0.00	17.51 0.74 -0.77	16.81 0.76 -0.85	17.01 0.87 -0.88	17.52 1.03 -0.23	17.35 1.07 0.00	17.54 1.15 0.00	18.62 1.22 0.00	19.72 1.36 0.00	21.24 1.46 0.00	21.67 1.38 0.00	26.68 1.89 -0.86	32.42 2.04 -0.01	32.18 1.93 -0.49	33.65 1.99 -0.01	28.64 1.54 0.00	23.92 1.35 0.00	22.25 1.14 0.00	20.95 0.92 0.00
NARROWS_GT2_2 24237	18.86 0.95 0.00	17.17 0.76 0.00	16.12 0.66 0.00	15.04 0.63 -0.01	15.31 0.66 0.00	15.96 0.70 0.00	17.51 0.74 -0.77	16.81 0.76 -0.85	17.01 0.87 -0.88	17.52 1.03 -0.23	17.35 1.07 0.00	17.54 1.15 0.00	18.62 1.22 0.00	19.72 1.36 0.00	21.24 1.46 0.00	21.67 1.38 0.00	26.68 1.89 -0.86	32.42 2.04 -0.01	32.18 1.93 -0.49	33.65 1.99 -0.01	28.64 1.54 0.00	23.92 1.35 0.00	22.25 1.14 0.00	20.95 0.92 0.00

NARROWS_GT2_3 24238	18.86 0.95 0.00	17.17 0.76 0.00	16.12 0.66 0.00	15.04 0.63 -0.01	15.31 0.66 0.00	15.96 0.70 0.00	17.51 0.74 -0.77	16.81 0.76 -0.85	17.01 0.87 -0.88	17.52 1.03 -0.23	17.35 1.07 0.00	17.54 1.15 0.00	18.62 1.22 0.00	19.72 1.36 0.00	21.24 1.46 0.00	21.67 1.38 0.00	26.68 1.89 -0.86	32.42 2.04 -0.01	32.18 1.93 -0.49	33.65 1.99 -0.01	28.64 1.54 0.00	23.92 1.35 0.00	22.25 1.14 0.00	20.95 0.92 0.00
NARROWS_GT2_4 24239	18.86 0.95 0.00	17.17 0.76 0.00	16.12 0.66 0.00	15.04 0.63 -0.01	15.31 0.66 0.00	15.96 0.70 0.00	17.51 0.74 -0.77	16.81 0.76 -0.85	17.01 0.87 -0.88	17.52 1.03 -0.23	17.35 1.07 0.00	17.54 1.15 0.00	18.62 1.22 0.00	19.72 1.36 0.00	21.24 1.46 0.00	21.67 1.38 0.00	26.68 1.89 -0.86	32.42 2.04 -0.01	32.18 1.93 -0.49	33.65 1.99 -0.01	28.64 1.54 0.00	23.92 1.35 0.00	22.25 1.14 0.00	20.95 0.92 0.00
NARROWS_GT2_5 24240	18.86 0.95 0.00	17.17 0.76 0.00	16.12 0.66 0.00	15.04 0.63 -0.01	15.31 0.66 0.00	15.96 0.70 0.00	17.51 0.74 -0.77	16.81 0.76 -0.85	17.01 0.87 -0.88	17.52 1.03 -0.23	17.35 1.07 0.00	17.54 1.15 0.00	18.62 1.22 0.00	19.72 1.36 0.00	21.24 1.46 0.00	21.67 1.38 0.00	26.68 1.89 -0.86	32.42 2.04 -0.01	32.18 1.93 -0.49	33.65 1.99 -0.01	28.64 1.54 0.00	23.92 1.35 0.00	22.25 1.14 0.00	20.95 0.92 0.00
NARROWS_GT2_6 24241	18.86 0.95 0.00	17.17 0.76 0.00	16.12 0.66 0.00	15.04 0.63 -0.01	15.31 0.66 0.00	15.96 0.70 0.00	17.51 0.74 -0.77	16.81 0.76 -0.85	17.01 0.87 -0.88	17.52 1.03 -0.23	17.35 1.07 0.00	17.54 1.15 0.00	18.62 1.22 0.00	19.72 1.36 0.00	21.24 1.46 0.00	21.67 1.38 0.00	26.68 1.89 -0.86	32.42 2.04 -0.01	32.18 1.93 -0.49	33.65 1.99 -0.01	28.64 1.54 0.00	23.92 1.35 0.00	22.25 1.14 0.00	20.95 0.92 0.00
NARROWS_GT2_7 24242	18.86 0.95 0.00	17.17 0.76 0.00	16.12 0.66 0.00	15.04 0.63 -0.01	15.31 0.66 0.00	15.96 0.70 0.00	17.51 0.74 -0.77	16.81 0.76 -0.85	17.01 0.87 -0.88	17.52 1.03 -0.23	17.35 1.07 0.00	17.54 1.15 0.00	18.62 1.22 0.00	19.72 1.36 0.00	21.24 1.46 0.00	21.67 1.38 0.00	26.68 1.89 -0.86	32.42 2.04 -0.01	32.18 1.93 -0.49	33.65 1.99 -0.01	28.64 1.54 0.00	23.92 1.35 0.00	22.25 1.14 0.00	20.95 0.92 0.00
NARROWS_GT2_8 24243	18.86 0.95 0.00	17.17 0.76 0.00	16.12 0.66 0.00	15.04 0.63 -0.01	15.31 0.66 0.00	15.96 0.70 0.00	17.51 0.74 -0.77	16.81 0.76 -0.85	17.01 0.87 -0.88	17.52 1.03 -0.23	17.35 1.07 0.00	17.54 1.15 0.00	18.62 1.22 0.00	19.72 1.36 0.00	21.24 1.46 0.00	21.67 1.38 0.00	26.68 1.89 -0.86	32.42 2.04 -0.01	32.18 1.93 -0.49	33.65 1.99 -0.01	28.64 1.54 0.00	23.92 1.35 0.00	22.25 1.14 0.00	20.95 0.92 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	18.63 0.72 0.00	17.10 0.69 0.00	16.12 0.66 0.00	15.04 0.65 0.00	15.27 0.63 0.00	15.90 0.64 0.00	17.47 0.54 -0.93	16.75 0.53 -1.02	16.81 0.49 -1.06	17.04 0.50 -0.27	16.70 0.42 0.00	16.82 0.43 0.00	17.85 0.45 0.00	18.98 0.62 0.00	20.42 0.65 0.00	21.08 0.79 0.00	25.92 0.96 -1.03	31.83 1.46 0.00	31.73 1.40 -0.57	33.39 1.74 0.00	28.31 1.22 0.00	23.51 0.95 0.00	21.83 0.72 0.00	20.62 0.60 0.00
NCHELSEA_115KV_TR2 355582	18.83 0.91 0.00	17.18 0.77 0.00	16.18 0.73 0.00	15.07 0.68 0.00	15.32 0.67 0.00	15.99 0.73 0.00	17.50 0.74 -0.77	16.76 0.71 -0.85	16.92 0.78 -0.88	17.32 0.83 -0.23	17.12 0.85 0.00	17.26 0.87 0.00	18.30 0.90 0.00	19.35 0.99 0.00	20.82 1.05 0.00	21.40 1.12 0.00	26.27 1.48 -0.86	32.14 1.76 0.00	31.97 1.73 -0.48	33.51 1.87 0.00	28.58 1.49 0.00	23.81 1.24 0.00	22.12 1.01 0.00	20.88 0.86 0.00
NEG CAPITAL___MECHNVIL 23645	18.90 0.98 0.00	17.28 0.87 0.00	16.31 0.85 0.00	15.21 0.81 -0.01	15.43 0.79 0.00	16.09 0.84 0.00	17.90 0.90 -1.01	17.16 0.85 -1.11	17.24 0.82 -1.15	17.42 0.86 -0.30	17.04 0.77 0.00	17.16 0.77 0.00	18.18 0.78 0.00	19.27 0.92 0.00	20.84 1.07 0.00	21.44 1.16 0.00	26.55 1.48 -1.13	32.38 2.00 0.00	32.39 1.99 -0.63	33.83 2.18 0.00	28.85 1.76 0.00	23.94 1.38 0.00	22.27 1.16 0.00	21.02 1.00 0.00
NEG CENTRAL_HIGH_ACRES 23767	17.81 -0.11 0.00	16.33 -0.08 0.00	15.33 -0.12 0.00	14.29 -0.10 0.00	14.56 -0.09 0.00	15.10 -0.15 0.00	15.85 -0.19 -0.04	15.00 -0.24 -0.04	15.01 -0.31 -0.05	15.89 -0.39 -0.01	15.97 -0.31 0.00	16.01 -0.38 0.00	17.10 -0.30 0.00	17.95 -0.40 0.00	19.29 -0.47 0.00	19.84 -0.45 0.00	23.52 -0.50 -0.09	29.74 -0.64 0.00	29.22 -0.60 -0.05	30.98 -0.67 0.00	26.79 -0.30 0.00	22.29 -0.27 0.00	20.75 -0.36 0.00	19.92 -0.10 0.00
NEG CENTRAL___DRP 24199	18.13 0.21 0.00	16.62 0.21 0.00	15.64 0.19 0.00	14.55 0.16 0.00	14.82 0.18 0.00	15.39 0.14 0.00	16.16 0.11 -0.04	15.34 0.09 -0.05	15.36 0.05 -0.05	16.31 0.03 -0.01	16.36 0.08 0.00	16.42 0.03 0.00	17.47 0.07 0.00	18.37 0.02 0.00	19.77 0.00 0.00	20.31 0.02 0.00	24.11 0.07 -0.10	30.65 0.27 0.00	30.00 0.18 -0.06	31.87 0.22 0.00	27.52 0.43 0.00	22.88 0.32 0.00	21.30 0.19 0.00	20.32 0.30 0.00
NEG CENTRAL___INDECK 23768	18.79 0.88 0.00	17.25 0.84 0.00	16.17 0.71 0.00	15.06 0.66 0.00	15.35 0.70 0.00	15.90 0.64 0.00	16.62 0.56 -0.06	15.75 0.49 -0.06	15.71 0.38 -0.07	16.61 0.33 -0.02	16.68 0.41 0.00	16.70 0.31 0.00	17.85 0.45 0.00	18.72 0.37 0.00	20.10 0.34 0.00	20.71 0.43 0.00	24.60 0.53 -0.14	31.32 0.94 0.00	30.73 0.89 -0.08	32.60 0.95 0.00	28.42 1.33 0.00	23.60 1.04 0.00	21.89 0.78 0.00	21.04 1.02 0.00
NEG CENTRAL___SENECA 23627	18.25 0.34 0.00	16.75 0.34 0.00	15.75 0.29 0.00	14.65 0.26 0.00	14.94 0.29 0.00	15.48 0.23 0.00	16.24 0.19 -0.05	15.42 0.17 -0.05	15.43 0.11 -0.06	16.39 0.11 -0.01	16.44 0.16 0.00	16.49 0.10 0.00	17.54 0.14 0.00	18.43 0.07 0.00	19.83 0.06 0.00	20.39 0.10 0.00	24.22 0.17 -0.11	30.80 0.43 0.00	30.12 0.30 -0.06	32.00 0.35 0.00	27.68 0.60 0.00	23.02 0.45 0.00	21.41 0.30 0.00	20.46 0.44 0.00
NEG CENTRAL___STATE_STREET 24147	18.11 0.20 0.00	16.62 0.21 0.00	15.64 0.19 0.00	14.55 0.16 0.00	14.83 0.19 0.00	15.42 0.17 0.00	16.20 0.16 -0.04	15.42 0.17 -0.05	15.45 0.14 -0.05	16.41 0.13 -0.01	16.42 0.15 0.00	16.51 0.11 0.00	17.56 0.16 0.00	18.50 0.15 0.00	19.89 0.12 0.00	20.43 0.14 0.00	24.30 0.26 -0.10	30.86 0.49 0.00	30.27 0.45 -0.06	32.09 0.44 0.00	27.66 0.57 0.00	22.97 0.41 0.00	21.41 0.30 0.00	20.38 0.36 0.00
NEG MILLWOOD___DRP 24198	18.91 1.00 0.00	17.23 0.82 0.00	16.26 0.80 0.00	15.16 0.76 0.00	15.38 0.73 0.00	16.06 0.81 0.00	17.60 0.82 -0.78	16.84 0.78 -0.86	17.03 0.87 -0.89	17.44 0.94 -0.23	17.32 1.04 0.00	17.46 1.07 0.00	18.53 1.13 0.00	19.58 1.23 0.00	21.07 1.30 0.00	21.65 1.36 0.00	26.57 1.77 -0.87	32.53 2.16 0.00	32.36 2.11 -0.48	33.93 2.28 0.00	28.93 1.84 0.00	24.10 1.53 0.00	22.34 1.22 0.00	21.10 1.08 0.00

NEG NORTH_FLCN_SEA 23793	17.70 -0.21 0.00	16.23 -0.18 0.00	15.29 -0.17 0.00	14.19 -0.20 0.00	14.48 -0.16 0.00	15.21 -0.05 0.00	16.05 0.05 0.00	15.29 0.09 0.00	15.42 0.15 0.00	16.53 0.26 0.00	16.60 0.33 0.00	16.77 0.38 0.00	17.78 0.38 0.00	18.74 0.39 0.00	20.28 0.51 0.00	20.86 0.57 0.00	24.46 0.53 0.00	31.13 0.76 0.00	30.54 0.77 0.00	32.56 0.92 0.00	27.68 0.60 0.00	22.99 0.43 0.00	21.60 0.49 0.00	20.26 0.24 0.00
NEG NORTH_KES_CHATEGAY 23792	17.55 -0.36 0.00	16.10 -0.31 0.00	15.15 -0.31 0.00	14.09 -0.30 0.00	14.37 -0.28 0.00	15.07 -0.18 0.00	15.90 -0.10 0.00	15.14 -0.06 0.00	15.28 0.02 0.00	16.36 0.10 0.00	16.44 0.16 0.00	16.59 0.20 0.00	17.61 0.21 0.00	18.54 0.18 0.00	20.07 0.30 0.00	20.63 0.34 0.00	24.20 0.26 0.00	30.77 0.39 0.00	30.21 0.45 0.00	32.18 0.54 0.00	27.39 0.30 0.00	22.74 0.18 0.00	21.36 0.25 0.00	20.06 0.04 0.00
NEG NORTH___ALICE_FALLS 23915	17.68 -0.23 0.00	16.21 -0.20 0.00	15.26 -0.20 0.00	14.18 -0.22 0.00	14.47 -0.18 0.00	15.19 -0.06 0.00	16.03 0.03 0.00	15.28 0.08 0.00	15.42 0.15 0.00	16.51 0.24 0.00	16.58 0.31 0.00	16.77 0.38 0.00	17.78 0.38 0.00	18.72 0.37 0.00	20.28 0.51 0.00	20.88 0.59 0.00	24.48 0.55 0.00	31.19 0.82 0.00	30.60 0.83 0.00	32.63 0.98 0.00	27.74 0.65 0.00	23.02 0.45 0.00	21.60 0.49 0.00	20.26 0.24 0.00
NEG NORTH___LWR_SARANAC 23913	17.68 -0.23 0.00	16.21 -0.20 0.00	15.26 -0.20 0.00	14.18 -0.22 0.00	14.47 -0.18 0.00	15.19 -0.06 0.00	16.03 0.03 0.00	15.28 0.08 0.00	15.42 0.15 0.00	16.51 0.24 0.00	16.58 0.31 0.00	16.77 0.38 0.00	17.78 0.38 0.00	18.72 0.37 0.00	20.28 0.51 0.00	20.88 0.59 0.00	24.48 0.55 0.00	31.19 0.82 0.00	30.60 0.83 0.00	32.63 0.98 0.00	27.74 0.65 0.00	23.02 0.45 0.00	21.60 0.49 0.00	20.26 0.24 0.00
NEG NORTH___PLATTSBURG 23628	17.70 -0.21 0.00	16.21 -0.20 0.00	15.26 -0.20 0.00	14.18 -0.22 0.00	14.47 -0.18 0.00	15.19 -0.06 0.00	16.03 0.03 0.00	15.28 0.08 0.00	15.42 0.15 0.00	16.51 0.24 0.00	16.58 0.31 0.00	16.77 0.38 0.00	17.71 0.31 0.00	18.72 0.37 0.00	20.28 0.51 0.00	20.88 0.59 0.00	24.49 0.55 0.00	31.20 0.82 0.00	30.59 0.83 0.00	32.66 1.01 0.00	27.74 0.65 0.00	23.02 0.45 0.00	21.60 0.49 0.00	20.26 0.24 0.00
NEG WEST_LEA_LOCKPORT 23791	18.16 0.25 0.00	16.66 0.25 0.00	15.64 0.19 0.00	14.60 0.20 0.00	14.86 0.22 0.00	15.39 0.14 0.00	15.95 -0.10 -0.05	15.00 -0.26 -0.05	14.97 -0.35 -0.06	15.87 -0.41 -0.01	16.03 -0.24 0.00	16.01 -0.38 0.00	17.07 -0.33 0.00	17.82 -0.53 0.00	19.18 -0.59 0.00	19.72 -0.57 0.00	23.12 -0.93 -0.12	29.31 -1.06 0.00	28.46 -1.37 -0.07	30.25 -1.39 0.00	26.52 -0.57 0.00	22.18 -0.38 0.00	20.58 -0.53 0.00	20.14 0.12 0.00
NEG WEST___LANCASTR 23811	18.00 0.09 0.00	16.52 0.11 0.00	15.57 0.11 0.00	14.50 0.10 0.00	14.76 0.12 0.00	15.24 -0.02 0.00	15.50 -0.56 -0.06	14.64 -0.62 -0.06	14.66 -0.67 -0.06	15.89 -0.39 -0.02	16.03 -0.24 0.00	16.00 -0.39 0.00	17.05 -0.35 0.00	17.80 -0.55 0.00	19.14 -0.63 0.00	19.68 -0.61 0.00	22.63 -1.44 -0.14	29.37 -1.00 0.00	27.93 -1.90 -0.08	30.38 -1.27 0.00	26.52 -0.57 0.00	22.16 -0.41 0.00	20.54 -0.57 0.00	19.96 -0.06 0.00
NEG_PENN_ALLEGHNY 23528	18.18 0.27 0.00	16.67 0.26 0.00	15.70 0.25 0.00	14.61 0.22 0.00	14.88 0.23 0.00	15.45 0.20 0.00	16.24 0.13 -0.11	15.44 0.12 -0.12	15.50 0.11 -0.12	16.43 0.13 -0.03	16.45 0.18 0.00	16.51 0.12 0.00	17.57 0.17 0.00	18.47 0.11 0.00	19.87 0.10 0.00	20.41 0.12 0.00	24.38 0.19 -0.25	30.77 0.39 0.00	30.17 0.27 -0.14	31.90 0.25 0.00	27.55 0.46 0.00	22.95 0.38 0.00	21.37 0.25 0.00	20.36 0.34 0.00
NEG___GEN_MONROE 24207	18.23 0.32 0.00	16.75 0.34 0.00	15.74 0.28 0.00	14.64 0.24 0.00	14.91 0.26 0.00	15.45 0.20 0.00	16.15 0.11 -0.04	15.26 0.02 -0.05	15.25 -0.06 -0.05	16.13 -0.15 -0.01	16.24 -0.03 0.00	16.26 -0.13 0.00	17.33 -0.07 0.00	18.10 -0.26 0.00	19.49 -0.28 0.00	20.02 -0.26 0.00	23.74 -0.29 -0.10	29.98 -0.39 0.00	29.28 -0.54 -0.05	31.05 -0.60 0.00	27.12 0.03 0.00	22.56 0.00 0.00	21.01 -0.11 0.00	20.32 0.30 0.00
NEPA___ENERGY 23901	18.34 0.43 0.00	16.84 0.43 0.00	15.86 0.40 0.00	14.77 0.37 0.00	15.04 0.40 0.00	15.51 0.26 0.00	16.04 -0.02 -0.06	15.16 -0.11 -0.06	15.19 -0.14 -0.07	16.22 -0.07 0.00	16.36 0.08 0.00	16.33 -0.07 0.00	17.38 -0.02 0.00	18.13 -0.22 0.00	19.51 -0.26 0.00	20.06 -0.22 0.00	23.40 -0.67 -0.14	29.92 -0.46 0.00	28.86 -0.98 -0.08	30.92 -0.73 0.00	27.01 -0.08 0.00	22.59 0.02 0.00	20.94 -0.17 0.00	20.32 0.30 0.00
NEVERSINK___HYD 23608	18.58 0.66 0.00	16.94 0.52 0.00	15.94 0.48 0.00	14.83 0.43 0.00	15.08 0.44 0.00	15.73 0.47 0.00	17.10 0.48 -0.62	16.35 0.46 -0.69	16.51 0.53 -0.71	17.00 0.55 -0.18	16.83 0.55 0.00	16.95 0.56 0.00	17.45 0.05 0.00	18.47 0.11 0.00	19.85 0.08 0.00	20.41 0.12 0.00	25.03 0.36 -0.74	30.74 0.37 0.00	30.53 0.36 -0.41	32.06 0.41 0.00	28.23 1.14 0.00	23.51 0.95 0.00	21.83 0.72 0.00	20.62 0.60 0.00
NEWKRMKL_115KV_TB1 55635	18.29 0.38 0.00	16.79 0.38 0.00	15.84 0.39 0.00	14.78 0.39 0.00	15.01 0.37 0.00	15.64 0.38 0.00	17.38 0.38 -0.99	16.68 0.38 -1.09	16.77 0.37 -1.13	16.95 0.39 -0.29	16.62 0.34 0.00	16.75 0.36 0.00	17.75 0.35 0.00	18.81 0.46 0.00	20.22 0.45 0.00	20.82 0.53 0.00	25.68 0.65 -1.10	31.23 0.85 0.00	31.24 0.86 -0.62	32.60 0.95 0.00	27.71 0.62 0.00	23.06 0.50 0.00	21.49 0.38 0.00	20.28 0.26 0.00
NEWTON___FALLS_HYD 23847	17.48 -0.43 0.00	16.03 -0.38 0.00	15.06 -0.40 0.00	14.01 -0.39 0.00	14.28 -0.37 0.00	14.89 -0.37 0.00	15.66 -0.34 0.00	14.93 -0.27 0.00	14.98 -0.29 0.00	15.96 -0.31 0.00	15.95 -0.33 0.00	16.08 -0.31 0.00	17.09 -0.31 0.00	18.01 -0.35 0.00	19.39 -0.38 0.00	19.88 -0.41 0.00	23.48 -0.48 -0.02	29.89 -0.49 0.00	29.39 -0.39 -0.01	31.27 -0.38 0.00	26.76 -0.33 0.00	22.27 -0.29 0.00	20.84 -0.27 0.00	19.64 -0.38 0.00
NGRID_A1_DSASP 323792	17.93 0.02 0.00	16.54 0.13 0.00	15.55 0.09 0.00	14.58 0.19 0.00	14.82 0.18 0.00	15.09 -0.17 0.00	15.81 -0.24 -0.05	14.79 -0.47 -0.06	14.74 -0.58 -0.06	15.61 -0.67 -0.01	15.75 -0.52 0.00	15.75 -0.64 0.00	16.83 -0.57 0.00	17.64 -0.72 0.00	18.86 -0.91 0.00	19.40 -0.89 0.00	22.76 -1.29 -0.12	28.73 -1.64 0.00	28.07 -1.76 -0.07	29.72 -1.93 0.00	25.95 -1.14 0.00	21.75 -0.81 0.00	20.23 -0.89 0.00	19.90 -0.12 0.00
NGRID_A2_DSASP 323793	17.93 0.02 0.00	16.54 0.13 0.00	15.55 0.09 0.00	14.58 0.19 0.00	14.82 0.18 0.00	15.09 -0.17 0.00	15.81 -0.24 -0.05	14.79 -0.47 -0.06	14.74 -0.58 -0.06	15.61 -0.67 -0.01	15.75 -0.52 0.00	15.75 -0.64 0.00	16.83 -0.57 0.00	17.64 -0.72 0.00	18.86 -0.91 0.00	19.40 -0.89 0.00	22.76 -1.29 -0.12	28.73 -1.64 0.00	28.07 -1.76 -0.07	29.72 -1.93 0.00	25.95 -1.14 0.00	21.75 -0.81 0.00	20.23 -0.89 0.00	19.90 -0.12 0.00

NGRID_A4_DSASP 323807	17.82 -0.09 0.00	16.54 0.13 0.00	15.55 0.09 0.00	14.55 0.16 0.00	14.82 0.18 0.00	15.09 -0.17 0.00	15.81 -0.24 -0.05	14.79 -0.47 -0.06	14.74 -0.58 -0.06	15.61 -0.67 -0.01	15.75 -0.52 0.00	15.75 -0.64 0.00	16.77 -0.63 0.00	17.51 -0.84 0.00	18.86 -0.91 0.00	19.37 -0.91 0.00	22.74 -1.32 -0.12	28.73 -1.64 0.00	27.92 -1.90 -0.07	29.62 -2.03 0.00	25.98 -1.11 0.00	21.75 -0.81 0.00	20.22 -0.89 0.00	19.90 -0.12 0.00
NIAGARA_115E_LBMP 323715	17.84 -0.07 0.00	16.41 0.00 0.00	15.43 -0.03 0.00	14.41 0.01 0.00	14.66 0.01 0.00	15.26 0.00 0.00	15.75 -0.30 -0.05	14.79 -0.47 -0.06	14.76 -0.56 -0.06	15.65 -0.63 -0.01	15.79 -0.49 0.00	15.77 -0.62 0.00	16.86 -0.54 0.00	17.68 -0.68 0.00	18.88 -0.89 0.00	19.44 -0.85 0.00	22.79 -1.27 -0.12	28.83 -1.55 0.00	28.13 -1.70 -0.07	29.78 -1.87 0.00	26.03 -1.06 0.00	21.80 -0.77 0.00	20.27 -0.85 0.00	19.84 -0.18 0.00
NIAGARA_115W_LBMP 323714	17.89 -0.02 0.00	16.53 0.12 0.00	15.52 0.06 0.00	14.55 0.16 0.00	14.79 0.15 0.00	15.06 -0.20 0.00	15.78 -0.27 -0.05	14.74 -0.52 -0.06	14.70 -0.63 -0.06	15.57 -0.72 -0.01	15.71 -0.57 0.00	15.70 -0.69 0.00	16.77 -0.63 0.00	17.58 -0.77 0.00	18.80 -0.97 0.00	19.35 -0.93 0.00	22.71 -1.34 -0.12	28.64 -1.73 0.00	27.98 -1.85 -0.07	29.62 -2.03 0.00	25.87 -1.22 0.00	21.68 -0.88 0.00	20.16 -0.95 0.00	19.84 -0.18 0.00
NIAGARA_230_LBMP 323716	18.00 0.09 0.00	16.56 0.15 0.00	15.57 0.11 0.00	14.54 0.14 0.00	14.79 0.15 0.00	15.24 -0.02 0.00	15.89 -0.16 -0.05	14.92 -0.33 -0.05	14.88 -0.44 -0.06	15.78 -0.50 -0.01	15.92 -0.36 0.00	15.90 -0.49 0.00	17.00 -0.40 0.00	17.80 -0.55 0.00	19.04 -0.73 0.00	19.60 -0.69 0.00	23.00 -1.05 -0.12	29.04 -1.34 0.00	28.37 -1.46 -0.07	30.00 -1.65 0.00	26.22 -0.87 0.00	21.96 -0.61 0.00	20.42 -0.70 0.00	19.98 -0.04 0.00
NIAGARA__115KV_198_GIBSON 55903	17.77 -0.14 0.00	16.52 0.11 0.00	15.52 0.06 0.00	14.52 0.13 0.00	14.79 0.15 0.00	15.06 -0.20 0.00	15.78 -0.27 -0.05	14.74 -0.52 -0.06	14.70 -0.63 -0.06	15.56 -0.72 -0.01	15.71 -0.57 0.00	15.70 -0.69 0.00	16.72 -0.68 0.00	17.46 -0.90 0.00	18.80 -0.97 0.00	19.31 -0.97 0.00	22.67 -1.39 -0.12	28.64 -1.73 0.00	27.84 -1.99 -0.07	29.53 -2.12 0.00	25.90 -1.19 0.00	21.68 -0.88 0.00	20.16 -0.95 0.00	19.84 -0.18 0.00
NIAGARA____ 23760	18.00 0.09 0.00	16.56 0.15 0.00	15.57 0.11 0.00	14.54 0.14 0.00	14.79 0.15 0.00	15.24 -0.02 0.00	15.89 -0.16 -0.05	14.92 -0.33 -0.06	14.88 -0.44 -0.06	15.78 -0.50 -0.01	15.92 -0.36 0.00	15.90 -0.49 0.00	17.00 -0.40 0.00	17.80 -0.55 0.00	19.04 -0.73 0.00	19.60 -0.69 0.00	23.00 -1.05 -0.12	29.04 -1.34 0.00	28.37 -1.46 -0.07	30.00 -1.65 0.00	26.22 -0.87 0.00	21.96 -0.61 0.00	20.42 -0.70 0.00	19.98 -0.04 0.00
NINE_MILE_1 23575	17.55 -0.36 0.00	16.10 -0.31 0.00	15.15 -0.31 0.00	14.11 -0.29 0.00	14.37 -0.28 0.00	14.93 -0.32 0.00	15.68 -0.34 -0.02	14.89 -0.33 -0.02	14.94 -0.35 -0.02	15.88 -0.39 -0.01	15.90 -0.37 0.00	16.00 -0.39 0.00	17.02 -0.38 0.00	17.91 -0.44 0.00	19.29 -0.47 0.00	19.76 -0.53 0.00	23.39 -0.60 -0.05	29.65 -0.73 0.00	29.05 -0.74 -0.03	30.86 -0.79 0.00	26.49 -0.60 0.00	22.07 -0.50 0.00	20.63 -0.48 0.00	19.64 -0.38 0.00
NINE_MILE_2 23744	17.55 -0.36 0.00	16.10 -0.31 0.00	15.15 -0.31 0.00	14.11 -0.29 0.00	14.37 -0.28 0.00	14.93 -0.32 0.00	15.68 -0.34 -0.02	14.89 -0.33 -0.02	14.94 -0.35 -0.02	15.88 -0.39 -0.01	15.90 -0.37 0.00	16.00 -0.39 0.00	17.02 -0.38 0.00	17.91 -0.44 0.00	19.29 -0.47 0.00	19.76 -0.53 0.00	23.39 -0.60 -0.05	29.65 -0.73 0.00	29.08 -0.71 -0.03	30.86 -0.79 0.00	26.49 -0.60 0.00	22.07 -0.50 0.00	20.63 -0.48 0.00	19.64 -0.38 0.00
NM_CAPITAL____DRP 24208	18.34 0.43 0.00	16.82 0.41 0.00	15.88 0.42 0.00	14.81 0.42 0.00	15.04 0.40 0.00	15.68 0.43 0.00	17.42 0.43 -0.99	16.70 0.41 -1.09	16.79 0.40 -1.13	16.98 0.42 -0.29	16.65 0.37 0.00	16.78 0.39 0.00	17.78 0.38 0.00	18.83 0.48 0.00	20.26 0.49 0.00	20.84 0.55 0.00	25.73 0.69 -1.10	31.29 0.91 0.00	31.30 0.92 -0.61	32.63 0.98 0.00	27.77 0.68 0.00	23.11 0.54 0.00	21.53 0.42 0.00	20.34 0.32 0.00
NM_CENTRAL____DRP 24181	17.89 -0.02 0.00	16.41 0.00 0.00	15.44 -0.02 0.00	14.38 -0.01 0.00	14.64 0.00 0.00	15.22 -0.03 0.00	15.98 -0.05 -0.03	15.19 -0.05 -0.03	15.22 -0.08 -0.03	16.18 -0.10 -0.01	16.19 -0.08 0.00	16.29 -0.10 0.00	17.33 -0.07 0.00	18.24 -0.11 0.00	19.63 -0.14 0.00	20.13 -0.16 0.00	23.89 -0.12 -0.07	30.28 -0.09 0.00	29.68 -0.12 -0.04	31.49 -0.16 0.00	27.12 0.03 0.00	22.56 0.00 0.00	21.05 -0.06 0.00	20.06 0.04 0.00
NM_FRONTIER____DRP 24179	17.77 -0.14 0.00	16.52 0.11 0.00	15.52 0.06 0.00	14.52 0.13 0.00	14.79 0.15 0.00	15.06 -0.20 0.00	15.78 -0.27 -0.05	14.74 -0.52 -0.06	14.70 -0.63 -0.06	15.56 -0.72 -0.01	15.71 -0.57 0.00	15.70 -0.69 0.00	16.72 -0.68 0.00	17.46 -0.90 0.00	18.80 -0.97 0.00	19.31 -0.97 0.00	22.67 -1.39 -0.12	28.64 -1.73 0.00	27.84 -1.99 -0.07	29.53 -2.12 0.00	25.90 -1.19 0.00	21.68 -0.88 0.00	20.16 -0.95 0.00	19.84 -0.18 0.00
NM_ST_REGIS____HYD 24053	17.23 -0.68 0.00	15.80 -0.61 0.00	14.87 -0.59 0.00	13.82 -0.58 0.00	14.07 -0.57 0.00	14.72 -0.53 0.00	15.52 -0.48 0.00	14.79 -0.41 0.00	14.88 -0.38 0.00	15.89 -0.37 0.00	15.92 -0.36 0.00	16.06 -0.33 0.00	17.05 -0.35 0.00	17.97 -0.39 0.00	19.39 -0.38 0.00	19.88 -0.41 0.00	23.36 -0.57 0.00	29.71 -0.67 0.00	29.17 -0.60 0.00	31.11 -0.54 0.00	26.49 -0.60 0.00	22.00 -0.56 0.00	20.69 -0.42 0.00	19.44 -0.58 0.00
NORTHPORT____1 23551	19.22 1.31 0.00	17.36 0.95 0.00	16.26 0.80 0.00	15.09 0.69 0.00	15.40 0.76 0.00	16.29 1.04 0.00	17.82 1.06 -0.77	17.11 1.06 -0.84	17.33 1.19 -0.87	17.84 1.35 -0.23	19.51 1.35 -1.89	20.18 1.38 -2.41	21.11 1.41 -2.30	27.23 1.51 -7.37	27.54 1.56 -6.21	28.99 1.50 -7.20	32.35 1.89 -6.52	36.45 2.34 -3.74	34.49 2.23 -2.50	36.86 2.34 -2.87	32.51 1.82 -3.61	28.99 1.63 -4.80	24.66 1.60 -1.94	22.27 1.42 -0.83
NORTHPORT____2 23552	19.22 1.31 0.00	17.36 0.95 0.00	16.26 0.80 0.00	15.09 0.69 0.00	15.40 0.76 0.00	16.29 1.04 0.00	17.82 1.06 -0.77	17.11 1.06 -0.84	17.33 1.19 -0.87	17.84 1.35 -0.23	19.51 1.35 -1.89	20.18 1.38 -2.41	21.11 1.41 -2.30	27.23 1.51 -7.37	27.54 1.56 -6.21	28.99 1.50 -7.20	32.35 1.89 -6.52	36.45 2.34 -3.74	34.49 2.23 -2.50	36.86 2.34 -2.87	32.51 1.82 -3.61	28.99 1.63 -4.80	24.66 1.60 -1.94	22.27 1.42 -0.83
NORTHPORT____3 23553	19.16 1.25 0.00	17.33 0.92 0.00	16.23 0.77 0.00	15.06 0.66 0.00	15.37 0.73 0.00	16.25 0.99 0.00	17.76 0.99 -0.77	17.05 1.00 -0.84	17.28 1.15 -0.87	17.79 1.30 -0.23	19.48 1.32 -1.89	20.16 1.36 -2.41	21.11 1.41 -2.30	27.27 1.54 -7.37	27.62 1.64 -6.21	29.13 1.64 -7.20	32.56 2.11 -6.52	36.66 2.55 -3.74	34.70 2.44 -2.50	37.08 2.56 -2.87	32.73 2.03 -3.61	29.10 1.74 -4.80	24.64 1.58 -1.94	22.25 1.40 -0.83

NORTHPORT___4 23650	19.16 1.25 0.00	17.33 0.92 0.00	16.23 0.77 0.00	15.06 0.66 0.00	15.37 0.73 0.00	16.25 0.99 0.00	17.76 0.99 -0.77	17.05 1.00 -0.84	17.28 1.15 -0.87	17.79 1.30 -0.23	19.48 1.32 -1.89	20.16 1.36 -2.41	21.11 1.41 -2.30	27.27 1.54 -7.37	27.62 1.64 -6.21	29.13 1.64 -7.20	32.56 2.11 -6.52	36.66 2.55 -3.74	34.70 2.44 -2.50	37.08 2.56 -2.87	32.73 2.03 -3.61	29.10 1.74 -4.80	24.64 1.58 -1.94	22.25 1.40 -0.83
NORTHPORT___IC 23718	19.22 1.31 0.00	17.36 0.95 0.00	16.26 0.80 0.00	15.09 0.69 0.00	15.40 0.76 0.00	16.29 1.04 0.00	17.82 1.06 -0.77	17.11 1.06 -0.84	17.33 1.19 -0.87	17.84 1.35 -0.23	19.51 1.35 -1.89	20.18 1.38 -2.41	21.11 1.41 -2.30	27.23 1.51 -7.37	27.54 1.56 -6.21	28.99 1.50 -7.20	32.35 1.89 -6.52	36.45 2.34 -3.74	34.49 2.23 -2.50	36.86 2.34 -2.87	32.51 1.82 -3.61	28.99 1.63 -4.80	24.66 1.60 -1.94	22.27 1.42 -0.83
NORTH___COUNTRY_ESR 323785	17.52 -0.39 0.00	16.06 -0.35 0.00	15.12 -0.34 0.00	14.06 -0.33 0.00	14.34 -0.31 0.00	15.04 -0.21 0.00	15.87 -0.13 0.00	15.11 -0.09 0.00	15.25 -0.02 0.00	16.33 0.07 0.00	16.39 0.11 0.00	16.55 0.16 0.00	17.50 0.11 0.00	18.50 0.15 0.00	20.01 0.24 0.00	20.57 0.28 0.00	24.12 0.19 0.00	30.71 0.33 0.00	30.12 0.36 0.00	32.12 0.48 0.00	27.30 0.22 0.00	22.68 0.11 0.00	21.30 0.19 0.00	20.00 -0.02 0.00
NPX_GEN_1385_PROXY 323591	19.02 1.11 0.00	17.15 0.74 0.00	16.08 0.62 0.00	15.00 0.60 0.00	15.32 0.67 0.00	16.20 0.95 0.00	17.73 0.96 -0.77	17.03 0.99 -0.84	17.18 1.04 -0.87	17.68 1.19 -0.23	19.34 1.17 -1.89	19.87 1.06 -2.41	20.75 1.04 -2.30	21.24 0.97 -1.91	22.33 0.99 -1.57	24.22 0.91 -3.02	30.05 1.20 -4.92	35.78 1.67 -3.74	33.84 1.58 -2.50	36.19 1.68 -2.87	31.86 1.16 -3.61	28.45 1.08 -4.80	24.24 1.18 -1.94	21.87 1.02 -0.83
NPX_GEN_CSC 323557	19.61 1.70 0.00	17.69 1.28 0.00	16.52 1.07 0.00	15.31 0.91 0.00	15.64 1.00 0.00	16.60 1.34 0.00	18.12 1.36 -0.77	17.40 1.35 -0.84	17.64 1.50 -0.87	18.17 1.68 -0.23	19.82 1.66 -1.89	20.49 1.69 -2.41	21.46 1.76 -2.30	27.67 1.94 -7.37	27.98 2.00 -6.21	29.54 2.05 -7.20	33.04 2.59 -6.52	37.40 3.28 -3.74	35.42 3.15 -2.50	37.85 3.32 -2.88	33.32 2.63 -3.61	29.62 2.26 -4.80	25.13 2.07 -1.94	22.73 1.88 -0.83
NSINS_S_GLNS_FALLS 23858	19.15 1.24 0.00	17.51 1.10 0.00	16.52 1.07 0.00	15.42 1.02 0.00	15.64 1.00 0.00	16.31 1.05 0.00	18.10 1.09 -1.01	17.41 1.09 -1.12	17.46 1.04 -1.16	17.65 1.09 -0.30	17.17 0.90 0.00	17.28 0.89 0.00	18.27 0.87 0.00	19.36 1.01 0.00	20.98 1.21 0.00	21.61 1.32 0.00	26.77 1.70 -1.14	32.68 2.31 0.00	32.75 2.35 -0.64	34.34 2.69 0.00	29.26 2.17 0.00	24.32 1.76 0.00	22.67 1.56 0.00	21.36 1.34 0.00
NUCOR_STEEL___DRP 24197	18.13 0.21 0.00	16.66 0.25 0.00	15.66 0.20 0.00	14.58 0.19 0.00	14.85 0.21 0.00	15.44 0.18 0.00	16.22 0.18 -0.04	15.43 0.18 -0.05	15.45 0.14 -0.05	16.39 0.11 -0.01	16.42 0.15 0.00	16.51 0.11 0.00	17.56 0.16 0.00	18.48 0.13 0.00	19.89 0.12 0.00	20.41 0.12 0.00	24.27 0.24 -0.10	30.83 0.46 0.00	30.20 0.39 -0.05	32.06 0.41 0.00	27.60 0.51 0.00	22.97 0.41 0.00	21.41 0.30 0.00	20.38 0.36 0.00
NUMBER_THREE_WT_PWR 323818	17.91 0.00 0.00	16.43 0.02 0.00	15.43 -0.03 0.00	14.35 -0.04 0.00	14.63 -0.01 0.00	15.24 -0.02 0.00	16.02 0.02 0.00	15.25 0.05 0.00	15.30 0.03 0.00	16.27 0.00 0.00	16.23 -0.05 0.00	16.36 -0.03 0.00	17.38 -0.02 0.00	18.30 -0.05 0.00	19.73 -0.04 0.00	20.27 -0.02 0.00	24.01 0.05 -0.03	30.56 0.18 0.00	30.08 0.30 -0.02	32.00 0.35 0.00	27.41 0.33 0.00	22.84 0.27 0.00	21.28 0.17 0.00	20.10 0.08 0.00
NYISO_LBMP_REFERENCE 24008	17.91 0.00 0.00	16.41 0.00 0.00	15.46 0.00 0.00	14.39 0.00 0.00	14.64 0.00 0.00	15.26 0.00 0.00	16.00 0.00 0.00	15.20 0.00 0.00	15.27 0.00 0.00	16.27 0.00 0.00	16.28 0.00 0.00	16.39 0.00 0.00	17.40 0.00 0.00	18.35 0.00 0.00	19.77 0.00 0.00	20.29 0.00 0.00	23.93 0.00 0.00	30.37 0.00 0.00	29.76 0.00 0.00	31.65 0.00 0.00	27.09 0.00 0.00	22.56 0.00 0.00	21.11 0.00 0.00	20.02 0.00 0.00
NYPA_BRENTWD___GT 24164	19.45 1.54 0.00	17.56 1.15 0.00	16.42 0.96 0.00	15.22 0.82 0.00	15.55 0.91 0.00	16.48 1.22 0.00	18.00 1.23 -0.77	17.28 1.23 -0.84	17.50 1.36 -0.87	18.04 1.55 -0.23	19.71 1.57 -1.89	20.38 1.57 -2.41	21.34 1.64 -2.30	27.50 1.78 -7.37	27.86 1.88 -6.21	29.35 1.87 -7.20	32.80 2.35 -6.52	37.03 2.92 -3.74	35.09 2.83 -2.50	37.49 2.97 -2.87	33.05 2.36 -3.61	29.40 2.03 -4.80	24.96 1.90 -1.94	22.57 1.72 -0.83
NYPA_GOWANUS___GT5 24156	18.79 0.88 0.00	17.10 0.69 0.00	16.02 0.57 0.01	14.99 0.59 0.00	15.25 0.61 0.00	15.91 0.66 0.00	17.45 0.69 -0.76	16.76 0.71 -0.84	16.96 0.82 -0.87	17.45 0.96 -0.22	17.28 1.01 0.00	17.47 1.08 0.00	18.54 1.15 0.00	19.64 1.28 0.00	21.15 1.38 0.00	21.58 1.30 0.00	26.56 1.77 -0.85	32.34 1.97 0.01	32.14 1.91 -0.47	33.63 1.99 0.01	28.52 1.43 0.00	23.85 1.29 0.00	22.16 1.06 0.00	20.88 0.86 0.00
NYPA_GOWANUS___GT6 24157	18.79 0.88 0.00	17.10 0.69 0.00	16.02 0.57 0.01	14.99 0.59 0.00	15.25 0.61 0.00	15.91 0.66 0.00	17.45 0.69 -0.76	16.76 0.71 -0.84	16.96 0.82 -0.87	17.45 0.96 -0.22	17.28 1.01 0.00	17.47 1.08 0.00	18.54 1.15 0.00	19.64 1.28 0.00	21.15 1.38 0.00	21.58 1.30 0.00	26.56 1.77 -0.85	32.34 1.97 0.01	32.14 1.91 -0.47	33.63 1.99 0.01	28.52 1.43 0.00	23.85 1.29 0.00	22.16 1.06 0.00	20.88 0.86 0.00
NYPA_HARLEM__RVR__GT1 24160	18.76 0.86 0.01	17.12 0.71 0.00	16.11 0.66 0.01	15.00 0.60 -0.01	15.25 0.61 0.01	15.93 0.69 0.01	17.46 0.70 -0.76	16.77 0.73 -0.84	16.95 0.82 -0.87	17.44 0.96 -0.22	17.24 0.98 0.01	17.43 1.05 0.01	18.49 1.10 0.01	19.58 1.23 0.01	21.09 1.32 0.01	21.54 1.26 0.01	26.48 1.70 -0.85	32.16 1.79 0.01	31.90 1.67 -0.47	33.38 1.74 0.01	28.43 1.35 0.01	23.77 1.22 0.01	22.12 1.01 0.01	20.83 0.82 0.01
NYPA_HARLEM__RVR__GT2 24161	18.76 0.86 0.01	17.12 0.71 0.00	16.11 0.66 0.01	15.00 0.60 -0.01	15.25 0.61 0.01	15.93 0.69 0.01	17.46 0.70 -0.76	16.77 0.73 -0.84	16.95 0.82 -0.87	17.44 0.96 -0.22	17.24 0.98 0.01	17.43 1.05 0.01	18.49 1.10 0.01	19.58 1.23 0.01	21.09 1.32 0.01	21.54 1.26 0.01	26.48 1.70 -0.85	32.16 1.79 0.01	31.90 1.67 -0.47	33.38 1.74 0.01	28.43 1.35 0.01	23.77 1.22 0.01	22.12 1.01 0.01	20.83 0.82 0.01
NYPA_KENT___GT 24152	18.86 0.95 0.00	17.18 0.77 0.00	16.17 0.71 0.00	15.06 0.66 -0.01	15.32 0.67 0.00	15.99 0.73 0.00	17.54 0.77 -0.77	16.82 0.77 -0.85	17.03 0.89 -0.88	17.52 1.03 -0.23	17.34 1.06 0.00	17.52 1.13 0.00	18.60 1.20 0.00	19.70 1.34 0.00	21.21 1.44 0.00	21.67 1.38 0.00	26.63 1.84 -0.86	32.35 1.97 0.00	32.12 1.88 -0.48	33.61 1.96 0.00	28.61 1.52 0.00	23.92 1.35 0.00	22.25 1.14 0.00	20.96 0.94 0.00

NYPA_POUCH1____GT 24155	18.74 0.82 0.00	17.03 0.62 0.00	16.01 0.56 0.01	14.95 0.56 0.00	15.21 0.57 0.01	15.88 0.63 0.01	17.42 0.66 -0.76	16.71 0.67 -0.84	16.93 0.79 -0.87	17.41 0.93 -0.22	17.25 0.98 0.01	17.45 1.06 0.01	18.51 1.11 0.01	19.60 1.25 0.01	21.13 1.36 0.01	21.56 1.28 0.01	26.53 1.75 -0.85	32.25 1.88 0.01	32.04 1.82 -0.47	33.50 1.87 0.01	28.46 1.38 0.01	23.80 1.24 0.01	22.12 1.01 0.01	20.84 0.82 0.01
NYPA_VERNON____GT2 24162	18.88 0.97 0.00	17.20 0.79 0.00	16.20 0.74 0.00	15.08 0.68 -0.01	15.35 0.70 0.00	16.00 0.75 0.00	17.55 0.78 -0.77	16.84 0.79 -0.84	17.02 0.89 -0.87	17.52 1.03 -0.23	17.33 1.06 0.00	17.52 1.13 0.00	18.58 1.18 0.00	19.66 1.30 0.00	21.19 1.42 0.00	21.65 1.36 0.00	26.61 1.82 -0.86	32.32 1.95 0.00	32.09 1.85 -0.48	33.55 1.90 0.00	28.60 1.52 0.00	23.92 1.35 0.00	22.25 1.14 0.00	20.96 0.94 0.00
NYPA_VERNON____GT3 24163	18.88 0.97 0.00	17.20 0.79 0.00	16.20 0.74 0.00	15.08 0.68 -0.01	15.35 0.70 0.00	16.00 0.75 0.00	17.55 0.78 -0.77	16.84 0.79 -0.84	17.02 0.89 -0.87	17.52 1.03 -0.23	17.33 1.06 0.00	17.52 1.13 0.00	18.58 1.18 0.00	19.66 1.30 0.00	21.19 1.42 0.00	21.65 1.36 0.00	26.61 1.82 -0.86	32.32 1.95 0.00	32.09 1.85 -0.48	33.55 1.90 0.00	28.60 1.52 0.00	23.92 1.35 0.00	22.25 1.14 0.00	20.96 0.94 0.00
NYPA____ASTORIA_CC1 323568	18.86 0.95 0.00	17.18 0.77 0.00	16.20 0.74 0.00	15.06 0.66 -0.01	15.33 0.69 0.00	15.99 0.73 0.00	17.53 0.77 -0.77	16.82 0.77 -0.84	17.02 0.89 -0.87	17.50 1.01 -0.23	17.32 1.04 0.00	17.51 1.12 0.00	18.57 1.17 0.00	19.66 1.30 0.00	21.17 1.40 0.00	21.63 1.34 0.00	26.58 1.80 -0.85	32.32 1.95 0.00	32.06 1.82 -0.48	33.55 1.90 0.00	28.58 1.49 0.00	23.90 1.33 0.00	22.23 1.12 0.00	20.94 0.92 0.00
NYPA____ASTORIA_CC2 323569	18.86 0.95 0.00	17.18 0.77 0.00	16.20 0.74 0.00	15.06 0.66 -0.01	15.33 0.69 0.00	15.99 0.73 0.00	17.53 0.77 -0.77	16.82 0.77 -0.84	17.02 0.89 -0.87	17.50 1.01 -0.23	17.32 1.04 0.00	17.51 1.12 0.00	18.57 1.17 0.00	19.66 1.30 0.00	21.17 1.40 0.00	21.63 1.34 0.00	26.58 1.80 -0.85	32.32 1.95 0.00	32.06 1.82 -0.48	33.55 1.90 0.00	28.58 1.49 0.00	23.90 1.33 0.00	22.23 1.12 0.00	20.94 0.92 0.00
NYPA____HOLTSVILL 23794	19.42 1.50 0.00	17.53 1.12 0.00	16.38 0.93 0.00	15.19 0.79 0.00	15.52 0.88 0.00	16.44 1.19 0.00	17.97 1.20 -0.77	17.25 1.20 -0.84	17.47 1.33 -0.87	18.00 1.51 -0.23	19.66 1.50 -1.89	20.33 1.52 -2.41	21.29 1.58 -2.30	27.45 1.72 -7.37	27.74 1.76 -6.21	29.25 1.76 -7.20	32.71 2.25 -6.52	36.91 2.79 -3.74	34.98 2.71 -2.51	37.37 2.85 -2.88	32.92 2.22 -3.61	29.31 1.94 -4.80	24.85 1.79 -1.94	22.47 1.62 -0.83
NYPA____HELLGATE_GT1 24158	18.76 0.86 0.01	17.12 0.71 0.00	16.11 0.66 0.01	15.00 0.60 -0.01	15.25 0.61 0.01	15.93 0.69 0.01	17.46 0.70 -0.76	16.77 0.73 -0.84	16.95 0.82 -0.87	17.44 0.96 -0.22	17.24 0.98 0.01	17.43 1.05 0.01	18.49 1.10 0.01	19.58 1.23 0.01	21.09 1.32 0.01	21.54 1.26 0.01	26.48 1.70 -0.85	32.16 1.79 0.01	31.90 1.67 -0.47	33.38 1.74 0.01	28.43 1.35 0.01	23.77 1.22 0.01	22.12 1.01 0.01	20.83 0.82 0.01
NYPA____HELLGATE_GT2 24159	18.76 0.86 0.01	17.12 0.71 0.00	16.11 0.66 0.01	15.00 0.60 -0.01	15.25 0.61 0.01	15.93 0.69 0.01	17.46 0.70 -0.76	16.77 0.73 -0.84	16.95 0.82 -0.87	17.44 0.96 -0.22	17.24 0.98 0.01	17.43 1.05 0.01	18.49 1.10 0.01	19.58 1.23 0.01	21.09 1.32 0.01	21.54 1.26 0.01	26.48 1.70 -0.85	32.16 1.79 0.01	31.90 1.67 -0.47	33.38 1.74 0.01	28.43 1.35 0.01	23.77 1.22 0.01	22.12 1.01 0.01	20.83 0.82 0.01
NYS_BARGE____HYD 23848	18.09 0.18 0.00	16.64 0.23 0.00	15.64 0.19 0.00	14.61 0.22 0.00	14.85 0.20 0.00	15.41 0.15 0.00	15.94 -0.11 -0.05	15.00 -0.26 -0.05	14.95 -0.37 -0.06	15.86 -0.42 -0.01	16.01 -0.26 0.00	16.00 -0.39 0.00	17.12 -0.28 0.00	17.95 -0.40 0.00	19.18 -0.59 0.00	19.74 -0.55 0.00	23.14 -0.91 -0.12	29.31 -1.06 0.00	28.61 -1.22 -0.07	30.29 -1.36 0.00	26.52 -0.57 0.00	22.18 -0.38 0.00	20.58 -0.53 0.00	20.12 0.10 0.00
OAK ORCHARD____HYD 24046	18.18 0.27 0.00	16.69 0.28 0.00	15.67 0.22 0.00	14.61 0.22 0.00	14.86 0.22 0.00	15.41 0.15 0.00	16.15 0.11 -0.04	15.26 0.02 -0.04	15.27 -0.05 -0.05	16.15 -0.13 -0.01	16.24 -0.03 0.00	16.29 -0.10 0.00	17.38 -0.02 0.00	18.26 -0.09 0.00	19.61 -0.16 0.00	20.15 -0.14 0.00	23.86 -0.17 -0.10	30.13 -0.24 0.00	29.58 -0.24 -0.05	31.36 -0.29 0.00	27.17 0.08 0.00	22.63 0.07 0.00	21.07 -0.04 0.00	20.30 0.28 0.00
OAKDALE__35_KV_LOAD 356122	18.13 0.21 0.00	16.62 0.21 0.00	15.64 0.19 0.00	14.57 0.17 0.00	14.83 0.19 0.00	15.39 0.14 0.00	16.19 0.08 -0.11	15.40 0.08 -0.12	15.45 0.06 -0.12	16.38 0.08 -0.03	16.39 0.11 0.00	16.46 0.07 0.00	17.50 0.10 0.00	18.41 0.06 0.00	19.81 0.04 0.00	20.33 0.04 0.00	24.31 0.12 -0.25	30.65 0.27 0.00	30.05 0.15 -0.14	31.87 0.22 0.00	27.44 0.35 0.00	22.86 0.29 0.00	21.30 0.19 0.00	20.28 0.26 0.00
OCC_CHEM____DRP 24175	17.82 -0.09 0.00	16.54 0.13 0.00	15.55 0.09 0.00	14.55 0.16 0.00	14.82 0.18 0.00	15.09 -0.17 0.00	15.81 -0.24 -0.05	14.79 -0.47 -0.06	14.74 -0.58 -0.06	15.61 -0.67 -0.01	15.75 -0.52 0.00	15.75 -0.64 0.00	16.77 -0.63 0.00	17.51 -0.84 0.00	18.86 -0.91 0.00	19.37 -0.91 0.00	22.74 -1.32 -0.12	28.73 -1.64 0.00	27.92 -1.90 -0.07	29.62 -2.03 0.00	25.98 -1.11 0.00	21.75 -0.81 0.00	20.22 -0.89 0.00	19.90 -0.12 0.00
OH_GEN_PROXY 24063	18.00 0.09 0.00	16.56 0.15 0.00	15.57 0.11 0.00	14.54 0.14 0.00	14.78 0.13 0.00	15.24 -0.02 0.00	15.89 -0.16 -0.05	14.94 -0.32 -0.05	14.91 -0.41 -0.06	15.79 -0.49 -0.01	15.93 -0.34 0.00	15.91 -0.48 0.00	17.02 -0.38 0.00	17.82 -0.53 0.00	19.06 -0.71 0.00	19.62 -0.67 0.00	23.02 -1.03 -0.12	29.10 -1.27 0.00	28.40 -1.43 -0.07	30.07 -1.58 0.00	26.25 -0.84 0.00	22.00 -0.56 0.00	20.43 -0.68 0.00	19.98 -0.04 0.00
OLIN_CORP_DRP 24177	17.98 0.07 0.00	16.46 0.05 0.00	15.47 0.02 0.00	14.42 0.03 0.00	14.69 0.04 0.00	15.27 0.02 0.00	15.78 -0.27 -0.05	14.83 -0.43 -0.06	14.79 -0.53 -0.06	15.68 -0.60 -0.01	15.82 -0.46 0.00	15.80 -0.59 0.00	16.84 -0.56 0.00	17.58 -0.77 0.00	18.92 -0.85 0.00	19.46 -0.83 0.00	22.81 -1.24 -0.12	28.89 -1.49 0.00	28.04 -1.79 -0.07	29.81 -1.84 0.00	26.11 -0.98 0.00	21.86 -0.70 0.00	20.31 -0.80 0.00	19.88 -0.14 0.00
OLIN_CORP_DSASP 323712	17.93 0.02 0.00	16.54 0.13 0.00	15.55 0.09 0.00	14.58 0.19 0.00	14.82 0.18 0.00	15.09 -0.17 0.00	15.81 -0.24 -0.05	14.79 -0.47 -0.06	14.74 -0.58 -0.06	15.61 -0.67 -0.01	15.75 -0.52 0.00	15.75 -0.64 0.00	16.83 -0.57 0.00	17.64 -0.72 0.00	18.86 -0.91 0.00	19.40 -0.89 0.00	22.76 -1.29 -0.12	28.73 -1.64 0.00	28.07 -1.76 -0.07	29.72 -1.93 0.00	25.95 -1.14 0.00	21.75 -0.81 0.00	20.23 -0.89 0.00	19.90 -0.12 0.00

ONEIDA_HERK_LFGE 323681	18.11 0.20 0.00	16.61 0.20 0.00	15.60 0.14 0.00	14.52 0.13 0.00	14.81 0.16 0.00	15.41 0.15 0.00	16.18 0.18 0.00	15.39 0.18 0.00	15.45 0.18 0.00	16.43 0.16 0.00	16.41 0.13 0.00	16.52 0.13 0.00	17.57 0.17 0.00	18.50 0.15 0.00	19.95 0.18 0.00	20.47 0.18 0.00	24.27 0.31 -0.03	30.83 0.46 0.00	30.28 0.51 -0.02	32.22 0.57 0.00	27.63 0.54 0.00	23.02 0.45 0.00	21.43 0.32 0.00	20.30 0.28 0.00
ONEIDA___115KV_TB4 55905	18.29 0.38 0.00	16.77 0.36 0.00	15.77 0.31 0.00	14.68 0.29 0.00	14.95 0.31 0.00	15.56 0.31 0.00	16.34 0.32 -0.02	15.54 0.32 -0.02	15.58 0.29 -0.02	16.56 0.29 -0.01	16.55 0.28 0.00	16.67 0.28 0.00	17.73 0.33 0.00	18.69 0.33 0.00	20.11 0.34 0.00	20.63 0.34 0.00	24.49 0.50 -0.05	31.07 0.70 0.00	30.50 0.71 -0.03	32.41 0.76 0.00	27.85 0.76 0.00	23.17 0.61 0.00	21.58 0.46 0.00	20.50 0.48 0.00
ONONDAGA_REF_OCCRA 23987	17.95 0.04 0.00	16.46 0.05 0.00	15.49 0.03 0.00	14.42 0.03 0.00	14.69 0.04 0.00	15.26 0.00 0.00	16.04 0.00 -0.04	15.24 0.00 -0.04	15.28 -0.03 -0.04	16.23 -0.05 -0.01	16.26 -0.02 0.00	16.34 -0.05 0.00	17.38 -0.02 0.00	18.32 -0.04 0.00	19.71 -0.06 0.00	20.21 -0.08 0.00	24.00 -0.02 -0.09	30.44 0.06 0.00	29.84 0.03 -0.05	31.65 0.00 0.00	27.22 0.14 0.00	22.65 0.09 0.00	21.13 0.02 0.00	20.12 0.10 0.00
ONONDAGA___COGEN 23986	18.04 0.13 0.00	16.54 0.13 0.00	15.57 0.11 0.00	14.50 0.10 0.00	14.76 0.12 0.00	15.33 0.08 0.00	16.11 0.08 -0.03	15.32 0.08 -0.04	15.35 0.05 -0.04	16.31 0.03 -0.01	16.34 0.07 0.00	16.42 0.03 0.00	17.47 0.07 0.00	18.41 0.06 0.00	19.79 0.02 0.00	20.31 0.02 0.00	24.11 0.10 -0.08	30.59 0.21 0.00	29.99 0.18 -0.05	31.81 0.16 0.00	27.39 0.30 0.00	22.79 0.23 0.00	21.26 0.15 0.00	20.24 0.22 0.00
ONTARIO___LFGE 23819	18.25 0.34 0.00	16.76 0.35 0.00	15.75 0.29 0.00	14.67 0.27 0.00	14.94 0.29 0.00	15.48 0.23 0.00	16.24 0.19 -0.05	15.42 0.17 -0.05	15.43 0.11 -0.06	16.39 0.11 -0.01	16.44 0.16 0.00	16.49 0.10 0.00	17.56 0.16 0.00	18.43 0.07 0.00	19.83 0.06 0.00	20.41 0.12 0.00	24.22 0.17 -0.11	30.80 0.43 0.00	30.15 0.33 -0.06	31.96 0.32 0.00	27.68 0.60 0.00	23.02 0.45 0.00	21.41 0.30 0.00	20.46 0.44 0.00
ORANGEVILLE_WT_PWR 323706	18.25 0.34 0.00	16.77 0.36 0.00	15.77 0.31 0.00	14.71 0.32 0.00	14.97 0.32 0.00	15.47 0.21 0.00	16.06 0.00 -0.06	15.16 -0.11 -0.07	15.15 -0.18 -0.07	16.14 -0.15 -0.02	16.26 -0.02 0.00	16.26 -0.13 0.00	17.35 -0.05 0.00	18.21 -0.15 0.00	19.47 -0.30 0.00	20.05 -0.24 0.00	23.53 -0.55 -0.15	29.92 -0.45 0.00	29.10 -0.74 -0.08	30.82 -0.82 0.00	27.01 -0.08 0.00	22.54 -0.02 0.00	20.92 -0.19 0.00	20.30 0.28 0.00
ORANGEVILLE___ESR 323794	18.25 0.34 0.00	16.77 0.36 0.00	15.77 0.31 0.00	14.71 0.32 0.00	14.97 0.32 0.00	15.47 0.21 0.00	16.06 0.00 -0.06	15.16 -0.11 -0.07	15.15 -0.18 -0.07	16.14 -0.15 -0.02	16.26 -0.02 0.00	16.26 -0.13 0.00	17.35 -0.05 0.00	18.21 -0.15 0.00	19.47 -0.30 0.00	20.05 -0.24 0.00	23.53 -0.55 -0.15	29.92 -0.45 0.00	29.10 -0.74 -0.08	30.82 -0.82 0.00	27.01 -0.08 0.00	22.54 -0.02 0.00	20.92 -0.19 0.00	20.30 0.28 0.00
OSWEGATCHIE___HYD 24044	17.48 -0.43 0.00	16.03 -0.38 0.00	15.06 -0.40 0.00	14.01 -0.39 0.00	14.28 -0.37 0.00	14.89 -0.37 0.00	15.68 -0.32 0.00	14.93 -0.27 0.00	14.97 -0.29 0.00	15.96 -0.31 0.00	15.95 -0.33 0.00	16.08 -0.31 0.00	17.07 -0.33 0.00	17.97 -0.39 0.00	19.39 -0.38 0.00	19.88 -0.41 0.00	23.48 -0.48 -0.02	29.89 -0.49 0.00	29.39 -0.39 -0.01	31.30 -0.35 0.00	26.76 -0.32 0.00	22.27 -0.29 0.00	20.84 -0.28 0.00	19.64 -0.38 0.00
OSWEGO___5 23606	17.68 -0.23 0.00	16.20 -0.21 0.00	15.24 -0.22 0.00	14.21 -0.19 0.00	14.45 -0.19 0.00	15.03 -0.23 0.00	15.78 -0.24 -0.02	14.98 -0.24 -0.03	15.03 -0.26 -0.03	15.98 -0.29 -0.01	16.00 -0.28 0.00	16.10 -0.29 0.00	17.12 -0.28 0.00	18.02 -0.33 0.00	19.41 -0.36 0.00	19.90 -0.39 0.00	23.56 -0.43 -0.06	29.83 -0.55 0.00	29.26 -0.53 -0.03	31.04 -0.60 0.00	26.68 -0.41 0.00	22.23 -0.34 0.00	20.77 -0.34 0.00	19.78 -0.24 0.00
OSWEGO___6 23613	17.68 -0.23 0.00	16.20 -0.21 0.00	15.24 -0.22 0.00	14.21 -0.19 0.00	14.45 -0.19 0.00	15.03 -0.23 0.00	15.78 -0.24 -0.02	14.98 -0.24 -0.03	15.03 -0.26 -0.03	15.98 -0.29 -0.01	16.00 -0.28 0.00	16.10 -0.29 0.00	17.12 -0.28 0.00	18.02 -0.33 0.00	19.41 -0.36 0.00	19.90 -0.39 0.00	23.56 -0.43 -0.06	29.83 -0.55 0.00	29.26 -0.53 -0.03	31.04 -0.60 0.00	26.68 -0.41 0.00	22.23 -0.34 0.00	20.77 -0.34 0.00	19.78 -0.24 0.00
OUTOKUMPU-AB___DRP 24206	18.23 0.32 0.00	16.80 0.39 0.00	15.80 0.34 0.00	14.75 0.36 0.00	15.02 0.38 0.00	15.44 0.18 0.00	16.05 0.00 -0.05	15.08 -0.18 -0.06	15.05 -0.27 -0.06	15.97 -0.31 -0.02	16.13 -0.15 0.00	16.13 -0.26 0.00	17.19 -0.21 0.00	17.95 -0.40 0.00	19.31 -0.45 0.00	19.84 -0.45 0.00	23.27 -0.79 -0.12	29.52 -0.85 0.00	28.61 -1.22 -0.07	30.51 -1.14 0.00	26.71 -0.38 0.00	22.34 -0.23 0.00	20.73 -0.38 0.00	20.28 0.26 0.00
OXBOW___ 24026	18.13 0.22 0.00	16.72 0.31 0.00	15.72 0.26 0.00	14.71 0.32 0.00	14.95 0.31 0.00	15.30 0.05 0.00	15.97 -0.08 -0.05	14.97 -0.29 -0.06	14.93 -0.40 -0.06	15.83 -0.46 -0.01	15.98 -0.29 0.00	15.96 -0.43 0.00	17.07 -0.33 0.00	17.91 -0.44 0.00	19.14 -0.63 0.00	19.70 -0.59 0.00	23.10 -0.96 -0.12	29.22 -1.15 0.00	28.49 -1.34 -0.07	30.19 -1.46 0.00	26.41 -0.68 0.00	22.09 -0.47 0.00	20.52 -0.59 0.00	20.14 0.12 0.00
OXY_CHEM_DSASP 323612	17.82 -0.09 0.00	16.54 0.13 0.00	15.55 0.09 0.00	14.55 0.16 0.00	14.82 0.18 0.00	15.09 -0.17 0.00	15.81 -0.24 -0.05	14.79 -0.47 -0.06	14.74 -0.58 -0.06	15.61 -0.67 -0.01	15.75 -0.52 0.00	15.75 -0.64 0.00	16.77 -0.63 0.00	17.51 -0.84 0.00	18.86 -0.91 0.00	19.37 -0.91 0.00	22.74 -1.32 -0.12	28.73 -1.64 0.00	27.92 -1.90 -0.07	29.62 -2.03 0.00	25.98 -1.11 0.00	21.75 -0.81 0.00	20.22 -0.89 0.00	19.90 -0.12 0.00
OZONE_PARK_ESR 323760	18.97 1.06 0.00	17.28 0.87 0.00	16.31 0.85 0.00	15.19 0.79 0.00	15.43 0.79 0.00	16.11 0.85 0.00	17.68 0.91 -0.77	16.93 0.88 -0.84	17.12 0.98 -0.87	17.60 1.11 -0.23	17.41 1.14 0.00	17.60 1.21 0.00	18.65 1.25 0.00	19.73 1.38 0.00	21.27 1.50 0.00	21.75 1.46 0.00	26.70 1.91 -0.85	32.44 2.07 0.00	32.23 1.99 -0.48	33.74 2.09 0.00	28.74 1.65 0.00	24.03 1.47 0.00	22.36 1.25 0.00	21.08 1.06 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	17.82 -0.09 0.00	16.54 0.13 0.00	15.55 0.09 0.00	14.55 0.16 0.00	14.82 0.18 0.00	15.09 -0.17 0.00	15.81 -0.24 -0.05	14.79 -0.47 -0.06	14.74 -0.58 -0.06	15.61 -0.67 -0.01	15.75 -0.52 0.00	15.75 -0.64 0.00	16.77 -0.63 0.00	17.51 -0.84 0.00	18.86 -0.91 0.00	19.37 -0.91 0.00	22.74 -1.32 -0.12	28.73 -1.64 0.00	27.92 -1.90 -0.07	29.62 -2.03 0.00	25.98 -1.11 0.00	21.75 -0.81 0.00	20.22 -0.89 0.00	19.90 -0.12 0.00

PACKARD__115KV_DUPONT_184 80571	17.82 -0.09 0.00	16.54 0.13 0.00	15.55 0.09 0.00	14.55 0.16 0.00	14.82 0.18 0.00	15.09 -0.17 0.00	15.81 -0.24 -0.05	14.79 -0.47 -0.06	14.74 -0.58 -0.06	15.61 -0.67 -0.01	15.75 -0.52 0.00	15.75 -0.64 0.00	16.77 -0.63 0.00	17.51 -0.84 0.00	18.86 -0.91 0.00	19.37 -0.91 0.00	22.74 -1.32 -0.12	28.73 -1.64 0.00	27.92 -1.90 -0.07	29.62 -2.03 0.00	25.98 -1.11 0.00	21.75 -0.81 0.00	20.22 -0.89 0.00	19.90 -0.12 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	18.79 0.88 0.00	17.12 0.71 0.00	16.12 0.66 0.00	15.01 0.62 0.00	15.26 0.62 0.00	15.93 0.67 0.00	17.49 0.72 -0.77	16.76 0.71 -0.84	16.95 0.81 -0.87	17.43 0.94 -0.23	17.25 0.98 0.00	17.44 1.05 0.00	18.48 1.08 0.00	19.57 1.21 0.00	21.09 1.32 0.00	21.55 1.26 0.00	26.49 1.70 -0.85	32.14 1.76 0.00	31.94 1.70 -0.48	33.39 1.74 0.00	28.47 1.38 0.00	23.81 1.24 0.00	22.15 1.03 0.00	20.86 0.84 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	19.00 1.09 0.00	17.33 0.92 0.00	16.32 0.87 0.00	15.19 0.79 0.00	15.45 0.81 0.00	16.12 0.87 0.00	17.69 0.93 -0.77	16.96 0.91 -0.84	17.15 1.01 -0.87	17.65 1.15 -0.23	17.46 1.19 0.00	17.64 1.25 0.00	18.70 1.30 0.00	19.80 1.45 0.00	21.35 1.58 0.00	21.79 1.50 0.00	26.78 1.99 -0.85	32.50 2.13 0.00	32.29 2.05 -0.48	33.80 2.15 0.00	28.79 1.71 0.00	24.08 1.51 0.00	22.42 1.31 0.00	21.12 1.10 0.00
PATROON__115KV_TB1 80586	18.34 0.43 0.00	16.82 0.41 0.00	15.89 0.43 0.00	14.83 0.43 0.00	15.05 0.41 0.00	15.68 0.43 0.00	17.43 0.43 -1.00	16.72 0.43 -1.10	16.80 0.40 -1.14	16.98 0.42 -0.29	16.65 0.37 0.00	16.78 0.39 0.00	17.78 0.38 0.00	18.85 0.50 0.00	20.28 0.51 0.00	20.86 0.57 0.00	25.76 0.72 -1.11	31.32 0.94 0.00	31.33 0.95 -0.62	32.69 1.04 0.00	27.79 0.70 0.00	23.13 0.56 0.00	21.55 0.44 0.00	20.34 0.32 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	18.16 0.25 0.00	16.67 0.26 0.00	15.69 0.23 0.00	14.62 0.23 0.00	14.88 0.23 0.00	15.38 0.12 0.00	15.74 -0.32 -0.06	14.85 -0.41 -0.06	14.86 -0.47 -0.06	16.01 -0.28 -0.02	16.16 -0.11 0.00	16.13 -0.26 0.00	17.19 -0.21 0.00	17.93 -0.42 0.00	19.29 -0.47 0.00	19.84 -0.45 0.00	22.97 -1.10 -0.13	29.62 -0.76 0.00	28.32 -1.52 -0.07	30.63 -1.01 0.00	26.76 -0.33 0.00	22.36 -0.20 0.00	20.71 -0.40 0.00	20.14 0.12 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	18.91 1.00 0.00	17.23 0.82 0.00	16.26 0.80 0.00	15.16 0.76 0.00	15.38 0.73 0.00	16.06 0.81 0.00	17.60 0.82 -0.78	16.84 0.78 -0.86	17.03 0.87 -0.89	17.44 0.94 -0.23	17.32 1.04 0.00	17.46 1.07 0.00	18.53 1.13 0.00	19.58 1.23 0.00	21.07 1.30 0.00	21.65 1.36 0.00	26.57 1.77 -0.87	32.53 2.16 0.00	32.36 2.11 -0.48	33.93 2.28 0.00	28.93 1.84 0.00	24.10 1.53 0.00	22.34 1.22 0.00	21.10 1.08 0.00
PEEKSKILL____ 23653	18.75 0.84 0.00	17.10 0.69 0.00	16.12 0.66 0.00	15.02 0.62 -0.01	15.26 0.61 0.00	15.93 0.67 0.00	17.44 0.69 -0.75	16.72 0.68 -0.83	16.89 0.76 -0.86	17.33 0.85 -0.22	17.15 0.88 0.00	17.31 0.92 0.00	18.34 0.94 0.00	19.38 1.03 0.00	20.88 1.11 0.00	21.40 1.12 0.00	26.26 1.48 -0.84	32.07 1.70 0.00	31.87 1.64 -0.47	33.35 1.71 0.00	28.44 1.35 0.00	23.74 1.17 0.00	22.08 0.97 0.00	20.84 0.82 0.00
PGE MADISON__WINDPWR 24146	19.09 1.18 0.00	17.54 1.13 0.00	16.43 0.97 0.00	15.30 0.91 0.00	15.64 1.00 0.00	16.26 1.01 0.00	17.15 1.06 -0.10	16.36 1.05 -0.11	16.37 0.99 -0.11	17.29 0.99 -0.03	17.22 0.94 0.00	17.32 0.93 0.00	18.51 1.11 0.00	19.40 1.05 0.00	20.92 1.15 0.00	21.57 1.28 0.00	25.92 1.75 -0.24	32.93 2.55 0.00	32.51 2.62 -0.13	34.43 2.79 0.00	29.72 2.63 0.00	24.78 2.21 0.00	22.88 1.77 0.00	21.66 1.64 0.00
PIERCEFIELD__HYD 23852	17.14 -0.77 0.00	15.72 -0.69 0.00	14.79 -0.66 0.00	13.75 -0.65 0.00	14.00 -0.64 0.00	14.63 -0.63 0.00	15.42 -0.58 0.00	14.69 -0.52 0.00	14.76 -0.50 0.00	15.75 -0.52 0.00	15.75 -0.52 0.00	15.90 -0.49 0.00	16.88 -0.52 0.00	17.79 -0.57 0.00	19.20 -0.57 0.00	19.66 -0.63 0.00	23.10 -0.84 0.00	29.34 -1.03 0.00	28.84 -0.92 0.00	30.73 -0.92 0.00	26.22 -0.87 0.00	21.80 -0.77 0.00	20.48 -0.63 0.00	19.26 -0.76 0.00
PINELAWN_CC_1 323563	19.31 1.40 0.00	17.44 1.03 0.00	16.32 0.87 0.00	15.13 0.73 0.00	15.45 0.80 0.00	16.34 1.08 0.00	17.87 1.10 -0.77	17.14 1.10 -0.84	17.38 1.24 -0.87	17.89 1.40 -0.23	19.58 1.42 -1.89	20.26 1.46 -2.41	21.22 1.51 -2.30	27.36 1.63 -7.37	27.72 1.74 -6.21	29.25 1.76 -7.20	32.71 2.25 -6.52	36.88 2.76 -3.74	34.91 2.65 -2.50	37.30 2.79 -2.87	32.92 2.22 -3.61	29.26 1.90 -4.80	24.79 1.73 -1.94	22.39 1.54 -0.83
PJM_GEN_HTP_PROXY 323702	18.84 0.93 0.00	17.17 0.76 0.00	16.20 0.74 0.00	15.09 0.69 -0.01	15.35 0.70 0.00	16.00 0.75 0.00	17.53 0.77 -0.77	16.82 0.77 -0.84	17.01 0.87 -0.87	17.48 0.99 -0.23	17.28 1.01 0.00	17.46 1.06 0.00	18.50 1.10 0.00	19.57 1.21 0.00	21.07 1.30 0.00	21.57 1.28 0.00	26.46 1.67 -0.85	32.23 1.85 0.00	31.97 1.73 -0.48	33.45 1.80 0.00	28.52 1.43 0.00	23.85 1.29 0.00	22.19 1.08 0.00	20.92 0.90 0.00
PJM_GEN_KEystone 24065	18.29 0.38 0.00	16.74 0.33 0.00	15.78 0.33 0.00	14.70 0.30 0.00	14.95 0.31 0.00	15.53 0.27 0.00	16.58 0.16 -0.42	15.80 0.14 -0.46	15.90 0.15 -0.48	16.60 0.21 -0.12	16.55 0.28 0.00	16.62 0.23 0.00	17.66 0.26 0.00	18.59 0.24 0.00	19.97 0.20 0.00	20.51 0.22 0.00	24.63 0.19 -0.51	30.65 0.27 0.00	30.14 0.09 -0.28	31.68 0.03 0.00	27.36 0.27 0.00	22.88 0.32 0.00	21.26 0.15 0.00	20.30 0.28 0.00
PJM_GEN_NEPTUNE_PROXY 323594	19.02 1.11 0.00	17.20 0.79 0.00	16.12 0.66 0.00	14.96 0.56 0.00	15.27 0.63 0.00	16.11 0.85 0.00	17.63 0.86 -0.77	16.93 0.88 -0.84	17.15 1.01 -0.87	17.65 1.15 -0.23	19.34 1.17 -1.89	20.01 1.21 -2.41	20.96 1.25 -2.30	27.08 1.36 -7.37	27.42 1.44 -6.21	28.93 1.44 -7.20	32.30 1.84 -6.52	36.33 2.22 -3.74	34.37 2.11 -2.50	36.73 2.21 -2.87	32.43 1.74 -3.61	28.88 1.51 -4.80	24.43 1.37 -1.94	22.05 1.20 -0.83
PJM_GEN_VFT_PROXY 323633	18.74 0.82 0.00	17.07 0.66 0.00	16.14 0.68 0.00	15.03 0.63 -0.01	15.29 0.64 0.00	15.96 0.70 0.00	17.49 0.72 -0.77	16.75 0.70 -0.84	16.93 0.79 -0.87	17.40 0.91 -0.23	17.22 0.94 0.00	17.39 1.00 0.00	18.43 1.03 0.00	19.49 1.14 0.00	21.00 1.23 0.00	21.46 1.18 0.00	26.37 1.58 -0.85	32.01 1.64 0.01	31.75 1.52 -0.47	33.22 1.58 0.01	28.39 1.30 0.00	23.74 1.17 0.00	22.08 0.97 0.00	20.82 0.80 0.00
PLATSBURG_115KV_PMLD1 355749	17.70 -0.21 0.00	16.23 -0.18 0.00	15.27 -0.19 0.00	14.19 -0.20 0.00	14.48 -0.16 0.00	15.19 -0.06 0.00	16.05 0.05 0.00	15.28 0.08 0.00	15.42 0.15 0.00	16.51 0.24 0.00	16.58 0.31 0.00	16.75 0.36 0.00	17.78 0.38 0.00	18.72 0.37 0.00	20.26 0.49 0.00	20.84 0.55 0.00	24.46 0.53 0.00	31.10 0.73 0.00	30.51 0.74 0.00	32.53 0.89 0.00	27.68 0.60 0.00	22.97 0.41 0.00	21.58 0.46 0.00	20.24 0.22 0.00

PLEASANTVLY___LBMP 24000	18.70 0.79 0.00	17.05 0.64 0.00	16.09 0.63 0.00	15.00 0.60 0.00	15.23 0.59 0.00	15.90 0.64 0.00	17.49 0.67 -0.82	16.76 0.65 -0.90	16.90 0.70 -0.94	17.29 0.78 -0.24	17.04 0.76 0.00	17.19 0.80 0.00	18.22 0.82 0.00	19.25 0.90 0.00	20.74 0.97 0.00	21.28 0.99 0.00	26.13 1.29 -0.90	31.89 1.52 0.00	31.72 1.46 -0.50	33.20 1.55 0.00	28.28 1.19 0.00	23.60 1.04 0.00	21.96 0.84 0.00	20.74 0.72 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	18.81 0.90 0.00	17.15 0.74 0.00	16.18 0.73 0.00	15.07 0.68 0.00	15.32 0.67 0.00	15.99 0.73 0.00	17.56 0.78 -0.78	16.82 0.76 -0.85	16.97 0.82 -0.88	17.42 0.93 -0.23	17.20 0.93 0.00	17.36 0.97 0.00	18.39 0.99 0.00	19.46 1.10 0.00	20.96 1.19 0.00	21.48 1.20 0.00	26.38 1.58 -0.86	32.20 1.82 0.00	32.00 1.76 -0.48	33.51 1.87 0.00	28.52 1.44 0.00	23.81 1.24 0.00	22.15 1.03 0.00	20.90 0.88 0.00
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	18.81 0.90 0.00	17.15 0.74 0.00	16.18 0.73 0.00	15.07 0.68 0.00	15.32 0.67 0.00	15.99 0.73 0.00	17.56 0.78 -0.78	16.82 0.76 -0.85	16.97 0.82 -0.88	17.42 0.93 -0.23	17.20 0.93 0.00	17.36 0.97 0.00	18.39 0.99 0.00	19.46 1.10 0.00	20.96 1.19 0.00	21.48 1.20 0.00	26.38 1.58 -0.86	32.20 1.82 0.00	32.00 1.76 -0.48	33.51 1.87 0.00	28.52 1.44 0.00	23.81 1.24 0.00	22.15 1.03 0.00	20.90 0.88 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	18.79 0.88 0.00	17.15 0.74 0.00	16.15 0.70 0.00	15.06 0.66 0.00	15.30 0.66 0.00	15.96 0.70 0.00	17.51 0.72 -0.79	16.78 0.70 -0.87	16.92 0.75 -0.91	17.31 0.81 -0.23	17.07 0.80 0.00	17.21 0.82 0.00	18.25 0.85 0.00	19.31 0.95 0.00	20.78 1.01 0.00	21.36 1.08 0.00	26.23 1.41 -0.88	32.05 1.67 0.00	31.89 1.64 -0.49	33.42 1.77 0.00	28.47 1.38 0.00	23.74 1.17 0.00	22.06 0.95 0.00	20.82 0.80 0.00
POLETTI____ 23519	18.83 0.91 0.00	17.15 0.74 0.00	16.18 0.73 0.00	15.07 0.68 0.00	15.33 0.69 0.00	15.99 0.73 0.00	17.55 0.78 -0.77	16.79 0.74 -0.84	16.98 0.84 -0.87	17.45 0.96 -0.23	17.27 0.99 0.00	17.44 1.05 0.00	18.48 1.08 0.00	19.55 1.19 0.00	21.07 1.30 0.00	21.55 1.26 0.00	26.44 1.65 -0.85	32.11 1.73 0.00	31.91 1.67 -0.48	33.39 1.74 0.00	28.47 1.38 0.00	23.81 1.24 0.00	22.17 1.06 0.00	20.90 0.88 0.00
POMONA___ESR 323819	18.74 0.82 0.00	17.08 0.67 0.00	16.11 0.65 0.00	15.00 0.60 0.00	15.24 0.60 0.00	15.91 0.66 0.00	17.39 0.67 -0.72	16.66 0.67 -0.79	16.83 0.75 -0.82	17.31 0.83 -0.21	17.12 0.85 0.00	17.26 0.87 0.00	18.29 0.89 0.00	19.35 0.99 0.00	20.82 1.05 0.00	21.34 1.05 0.00	26.16 1.41 -0.81	32.01 1.64 0.00	31.79 1.58 -0.46	33.29 1.64 0.00	28.39 1.30 0.00	23.69 1.13 0.00	22.04 0.93 0.00	20.78 0.76 0.00
PORT_JEFF_3 23555	19.45 1.54 0.00	17.56 1.15 0.00	16.42 0.96 0.00	15.22 0.82 0.00	15.55 0.91 0.00	16.47 1.22 0.00	18.00 1.23 -0.77	17.28 1.23 -0.84	17.51 1.37 -0.87	18.04 1.55 -0.23	19.71 1.55 -1.89	20.38 1.57 -2.41	21.34 1.64 -2.30	27.52 1.80 -7.37	27.82 1.84 -6.21	29.33 1.85 -7.20	32.80 2.35 -6.52	37.06 2.95 -3.74	35.10 2.83 -2.50	37.50 2.97 -2.88	33.05 2.36 -3.61	29.40 2.03 -4.80	24.93 1.88 -1.94	22.55 1.70 -0.83
PORT_JEFF_4 23616	19.45 1.54 0.00	17.56 1.15 0.00	16.42 0.96 0.00	15.22 0.82 0.00	15.55 0.91 0.00	16.47 1.22 0.00	18.00 1.23 -0.77	17.28 1.23 -0.84	17.51 1.37 -0.87	18.04 1.55 -0.23	19.71 1.55 -1.89	20.38 1.57 -2.41	21.34 1.64 -2.30	27.52 1.80 -7.37	27.82 1.84 -6.21	29.33 1.85 -7.20	32.80 2.35 -6.52	37.06 2.95 -3.74	35.10 2.83 -2.50	37.50 2.97 -2.88	33.05 2.36 -3.61	29.40 2.03 -4.80	24.93 1.88 -1.94	22.55 1.70 -0.83
PORT_JEFF_IC 23713	19.49 1.58 0.00	17.59 1.18 0.00	16.43 0.97 0.00	15.23 0.83 0.00	15.57 0.92 0.00	16.51 1.25 0.00	18.03 1.26 -0.77	17.31 1.26 -0.84	17.54 1.40 -0.87	18.07 1.58 -0.23	19.73 1.56 -1.89	20.41 1.61 -2.41	21.37 1.67 -2.30	27.56 1.84 -7.37	27.88 1.90 -6.21	29.40 1.91 -7.20	32.87 2.42 -6.52	37.16 3.04 -3.74	35.18 2.92 -2.50	37.59 3.07 -2.88	33.11 2.41 -3.61	29.44 2.07 -4.80	24.98 1.92 -1.94	22.59 1.74 -0.83
PPL PILGRIM_ST_GT1 24216	19.45 1.54 0.00	17.56 1.15 0.00	16.42 0.96 0.00	15.22 0.82 0.00	15.55 0.91 0.00	16.48 1.22 0.00	18.00 1.23 -0.77	17.28 1.23 -0.84	17.50 1.36 -0.87	18.04 1.55 -0.23	19.71 1.55 -1.89	20.38 1.57 -2.41	21.34 1.64 -2.30	27.50 1.78 -7.37	27.86 1.88 -6.21	29.35 1.87 -7.20	32.80 2.35 -6.52	37.03 2.92 -3.74	35.09 2.83 -2.50	37.49 2.97 -2.87	33.05 2.36 -3.61	29.40 2.03 -4.80	24.96 1.90 -1.94	22.57 1.72 -0.83
PPL PILGRIM_ST_GT2 24217	19.45 1.54 0.00	17.56 1.15 0.00	16.42 0.96 0.00	15.22 0.82 0.00	15.55 0.91 0.00	16.48 1.22 0.00	18.00 1.23 -0.77	17.28 1.23 -0.84	17.50 1.36 -0.87	18.04 1.55 -0.23	19.71 1.55 -1.89	20.38 1.57 -2.41	21.34 1.64 -2.30	27.50 1.78 -7.37	27.86 1.88 -6.21	29.35 1.87 -7.20	32.80 2.35 -6.52	37.03 2.92 -3.74	35.09 2.83 -2.50	37.49 2.97 -2.87	33.05 2.36 -3.61	29.40 2.03 -4.80	24.96 1.90 -1.94	22.57 1.72 -0.83
PPL_SHRM_GT3 24213	19.61 1.70 0.00	17.69 1.28 0.00	16.52 1.07 0.00	15.31 0.91 0.00	15.65 1.01 0.00	16.61 1.36 0.00	18.12 1.36 -0.77	17.40 1.35 -0.84	17.65 1.51 -0.87	18.18 1.69 -0.23	19.82 1.66 -1.89	20.49 1.69 -2.41	21.46 1.76 -2.30	27.67 1.94 -7.37	27.98 2.00 -6.21	29.54 2.05 -7.20	33.07 2.61 -6.52	37.40 3.28 -3.74	35.45 3.19 -2.50	37.88 3.35 -2.88	33.32 2.63 -3.61	29.64 2.28 -4.80	25.15 2.09 -1.94	22.75 1.90 -0.83
PPL_SHRM_GT4 24214	19.61 1.70 0.00	17.69 1.28 0.00	16.52 1.07 0.00	15.31 0.91 0.00	15.65 1.01 0.00	16.61 1.36 0.00	18.12 1.36 -0.77	17.40 1.35 -0.84	17.65 1.51 -0.87	18.18 1.69 -0.23	19.82 1.66 -1.89	20.49 1.69 -2.41	21.46 1.76 -2.30	27.67 1.94 -7.37	27.98 2.00 -6.21	29.54 2.05 -7.20	33.07 2.61 -6.52	37.40 3.28 -3.74	35.45 3.19 -2.50	37.88 3.35 -2.88	33.32 2.63 -3.61	29.64 2.28 -4.80	25.15 2.09 -1.94	22.75 1.90 -0.83
PROJECT___ORANGE 1 24174	17.91 0.00 0.00	16.43 0.02 0.00	15.46 0.00 0.00	14.38 -0.01 0.00	14.64 0.00 0.00	15.22 -0.03 0.00	15.98 -0.05 -0.03	15.19 -0.05 -0.03	15.22 -0.08 -0.03	16.18 -0.10 -0.01	16.21 -0.07 0.00	16.29 -0.10 0.00	17.33 -0.07 0.00	18.24 -0.11 0.00	19.63 -0.14 0.00	20.15 -0.14 0.00	23.89 -0.12 -0.07	30.28 -0.09 0.00	29.68 -0.12 -0.04	31.52 -0.13 0.00	27.12 0.03 0.00	22.56 0.00 0.00	21.05 -0.06 0.00	20.06 0.04 0.00
PROJECT___ORANGE 2 24166	17.91 0.00 0.00	16.43 0.02 0.00	15.46 0.00 0.00	14.38 -0.01 0.00	14.64 0.00 0.00	15.22 -0.03 0.00	15.98 -0.05 -0.03	15.19 -0.05 -0.03	15.22 -0.08 -0.03	16.18 -0.10 -0.01	16.21 -0.07 0.00	16.29 -0.10 0.00	17.33 -0.07 0.00	18.24 -0.11 0.00	19.63 -0.14 0.00	20.15 -0.14 0.00	23.89 -0.12 -0.07	30.28 -0.09 0.00	29.68 -0.12 -0.04	31.52 -0.13 0.00	27.12 0.03 0.00	22.56 0.00 0.00	21.05 -0.06 0.00	20.06 0.04 0.00

PUCKETT___SOLAR 323809	18.40 0.48 0.00	16.87 0.46 0.00	15.86 0.40 0.00	14.77 0.37 0.00	15.04 0.40 0.00	15.62 0.37 0.00	16.44 0.34 -0.11	15.64 0.32 -0.12	15.65 0.26 -0.12	16.54 0.24 -0.03	16.52 0.24 0.00	16.59 0.20 0.00	17.66 0.26 0.00	18.56 0.20 0.00	20.01 0.24 0.00	20.59 0.30 0.00	24.69 0.50 -0.26	31.20 0.82 0.00	30.68 0.77 -0.14	32.44 0.79 0.00	28.01 0.92 0.00	23.33 0.77 0.00	21.68 0.57 0.00	20.62 0.60 0.00
PYRITES___HYD 24023	17.43 -0.48 0.00	15.98 -0.43 0.00	15.01 -0.45 0.00	13.96 -0.43 0.00	14.22 -0.42 0.00	14.86 -0.40 0.00	15.65 -0.35 0.00	14.91 -0.29 0.00	14.99 -0.27 0.00	15.97 -0.29 0.00	15.98 -0.29 0.00	16.13 -0.26 0.00	17.14 -0.26 0.00	18.04 -0.31 0.00	19.47 -0.30 0.00	19.96 -0.32 0.00	23.46 -0.48 0.00	29.86 -0.52 0.00	29.38 -0.39 0.00	31.30 -0.35 0.00	26.71 -0.38 0.00	22.20 -0.36 0.00	20.86 -0.25 0.00	19.60 -0.42 0.00
QUAKERRD_115KV_BK1 80622	17.68 -0.23 0.00	16.23 -0.18 0.00	15.24 -0.22 0.00	14.19 -0.20 0.00	14.45 -0.19 0.00	15.00 -0.26 0.00	15.73 -0.30 -0.04	14.90 -0.35 -0.04	14.91 -0.40 -0.04	15.77 -0.50 -0.01	15.85 -0.42 0.00	15.92 -0.48 0.00	16.95 -0.45 0.00	17.79 -0.57 0.00	19.16 -0.61 0.00	19.68 -0.61 0.00	23.33 -0.69 -0.09	29.46 -0.91 0.00	28.89 -0.92 -0.05	30.57 -1.08 0.00	26.55 -0.54 0.00	22.09 -0.47 0.00	20.56 -0.55 0.00	19.76 -0.26 0.00
QUEENSBRY_115KV_TB8 356137	19.17 1.25 0.00	17.53 1.12 0.00	16.54 1.08 0.00	15.42 1.02 0.00	15.65 1.01 0.00	16.32 1.07 0.00	18.12 1.10 -1.01	17.43 1.11 -1.12	17.49 1.07 -1.16	17.67 1.11 -0.30	17.19 0.91 0.00	17.29 0.90 0.00	18.29 0.89 0.00	19.36 1.01 0.00	20.99 1.23 0.00	21.63 1.34 0.00	26.77 1.70 -1.14	32.71 2.34 0.00	32.78 2.38 -0.64	34.37 2.72 0.00	29.31 2.22 0.00	24.35 1.78 0.00	22.69 1.58 0.00	21.40 1.38 0.00
RAMAPO___LBMP 323565	18.68 0.77 0.00	17.03 0.62 0.00	16.08 0.62 0.00	14.96 0.56 0.00	15.20 0.56 0.00	15.87 0.61 0.00	17.36 0.64 -0.72	16.61 0.62 -0.79	16.78 0.70 -0.82	17.26 0.78 -0.21	17.07 0.80 0.00	17.21 0.82 0.00	18.23 0.84 0.00	19.27 0.92 0.00	20.76 0.99 0.00	21.28 0.99 0.00	26.06 1.32 -0.81	31.86 1.49 0.00	31.67 1.46 -0.45	33.17 1.52 0.00	28.28 1.19 0.00	23.60 1.04 0.00	21.96 0.84 0.00	20.72 0.70 0.00
RANKINE____ 23646	18.31 0.39 0.00	16.82 0.41 0.00	15.83 0.37 0.00	14.75 0.36 0.00	15.01 0.37 0.00	15.50 0.24 0.00	16.04 -0.02 -0.05	15.11 -0.15 -0.06	15.10 -0.23 -0.06	16.10 -0.18 -0.02	16.24 -0.03 0.00	16.23 -0.16 0.00	17.30 -0.10 0.00	18.06 -0.29 0.00	19.43 -0.34 0.00	19.98 -0.30 0.00	23.32 -0.74 -0.13	29.77 -0.61 0.00	28.73 -1.10 -0.07	30.76 -0.89 0.00	26.90 -0.19 0.00	22.47 -0.09 0.00	20.86 -0.25 0.00	20.32 0.30 0.00
RAVENSWOOD_GT2_1 24244	18.84 0.93 0.00	17.16 0.75 0.00	16.20 0.74 0.00	15.09 0.69 0.00	15.33 0.69 0.00	16.00 0.75 0.00	17.57 0.80 -0.77	16.82 0.78 -0.84	16.99 0.85 -0.87	17.47 0.98 -0.23	17.28 1.01 0.00	17.46 1.07 0.00	18.50 1.10 0.00	19.57 1.21 0.00	21.07 1.30 0.00	21.57 1.28 0.00	26.49 1.70 -0.85	32.17 1.79 0.00	32.00 1.76 -0.48	33.48 1.84 0.00	28.52 1.44 0.00	23.85 1.29 0.00	22.19 1.08 0.00	20.92 0.90 0.00
RAVENSWOOD_GT2_2 24245	18.84 0.93 0.00	17.16 0.75 0.00	16.20 0.74 0.00	15.09 0.69 0.00	15.33 0.69 0.00	16.00 0.75 0.00	17.57 0.80 -0.77	16.82 0.78 -0.84	16.99 0.85 -0.87	17.47 0.98 -0.23	17.28 1.01 0.00	17.46 1.07 0.00	18.50 1.10 0.00	19.57 1.21 0.00	21.07 1.30 0.00	21.57 1.28 0.00	26.49 1.70 -0.85	32.17 1.79 0.00	32.00 1.76 -0.48	33.48 1.84 0.00	28.52 1.44 0.00	23.85 1.29 0.00	22.19 1.08 0.00	20.92 0.90 0.00
RAVENSWOOD_GT2_3 24246	18.84 0.93 0.00	17.16 0.75 0.00	16.20 0.74 0.00	15.09 0.69 0.00	15.35 0.70 0.00	16.00 0.75 0.00	17.57 0.80 -0.77	16.82 0.78 -0.84	17.01 0.87 -0.87	17.48 0.99 -0.23	17.30 1.03 0.00	17.47 1.08 0.00	18.51 1.11 0.00	19.58 1.23 0.00	21.09 1.32 0.00	21.59 1.30 0.00	26.49 1.70 -0.85	32.20 1.82 0.00	32.00 1.76 -0.48	33.48 1.84 0.00	28.55 1.46 0.00	23.87 1.31 0.00	22.21 1.10 0.00	20.94 0.92 0.00
RAVENSWOOD_GT2_4 24247	18.84 0.93 0.00	17.16 0.75 0.00	16.20 0.74 0.00	15.09 0.69 0.00	15.35 0.70 0.00	16.00 0.75 0.00	17.57 0.80 -0.77	16.82 0.78 -0.84	17.01 0.87 -0.87	17.48 0.99 -0.23	17.30 1.03 0.00	17.47 1.08 0.00	18.51 1.11 0.00	19.58 1.23 0.00	21.09 1.32 0.00	21.59 1.30 0.00	26.49 1.70 -0.85	32.20 1.82 0.00	32.00 1.76 -0.48	33.48 1.84 0.00	28.55 1.46 0.00	23.87 1.31 0.00	22.21 1.10 0.00	20.94 0.92 0.00
RAVENSWOOD_GT3_1 24248	18.84 0.93 0.00	17.16 0.75 0.00	16.20 0.74 0.00	15.09 0.69 0.00	15.33 0.69 0.00	16.00 0.75 0.00	17.57 0.80 -0.77	16.82 0.78 -0.84	17.01 0.87 -0.87	17.47 0.98 -0.23	17.28 1.01 0.00	17.46 1.07 0.00	18.50 1.10 0.00	19.57 1.21 0.00	21.09 1.32 0.00	21.57 1.28 0.00	26.49 1.70 -0.85	32.20 1.82 0.00	32.00 1.76 -0.48	33.48 1.84 0.00	28.52 1.44 0.00	23.85 1.29 0.00	22.21 1.10 0.00	20.92 0.90 0.00
RAVENSWOOD_GT3_2 24249	18.84 0.93 0.00	17.16 0.75 0.00	16.20 0.74 0.00	15.09 0.69 0.00	15.33 0.69 0.00	16.00 0.75 0.00	17.57 0.80 -0.77	16.82 0.78 -0.84	17.01 0.87 -0.87	17.47 0.98 -0.23	17.28 1.01 0.00	17.46 1.07 0.00	18.50 1.10 0.00	19.57 1.21 0.00	21.09 1.32 0.00	21.57 1.28 0.00	26.49 1.70 -0.85	32.20 1.82 0.00	32.00 1.76 -0.48	33.48 1.84 0.00	28.52 1.44 0.00	23.85 1.29 0.00	22.21 1.10 0.00	20.92 0.90 0.00
RAVENSWOOD_GT3_3 24250	18.84 0.93 0.00	17.16 0.75 0.00	16.20 0.74 0.00	15.09 0.69 0.00	15.33 0.69 0.00	16.00 0.75 0.00	17.57 0.80 -0.77	16.82 0.78 -0.84	17.01 0.87 -0.87	17.47 0.98 -0.23	17.28 1.01 0.00	17.46 1.07 0.00	18.50 1.10 0.00	19.57 1.21 0.00	21.09 1.32 0.00	21.57 1.28 0.00	26.49 1.70 -0.85	32.20 1.82 0.00	32.00 1.76 -0.48	33.48 1.84 0.00	28.52 1.44 0.00	23.85 1.29 0.00	22.21 1.10 0.00	20.92 0.90 0.00
RAVENSWOOD_GT3_4 24251	18.84 0.93 0.00	17.16 0.75 0.00	16.20 0.74 0.00	15.09 0.69 0.00	15.33 0.69 0.00	16.00 0.75 0.00	17.57 0.80 -0.77	16.82 0.78 -0.84	17.01 0.87 -0.87	17.47 0.98 -0.23	17.28 1.01 0.00	17.46 1.07 0.00	18.50 1.10 0.00	19.57 1.21 0.00	21.09 1.32 0.00	21.57 1.28 0.00	26.49 1.70 -0.85	32.20 1.82 0.00	32.00 1.76 -0.48	33.48 1.84 0.00	28.52 1.44 0.00	23.85 1.29 0.00	22.21 1.10 0.00	20.92 0.90 0.00
RAVENSWOOD_GT_1 23729	18.88 0.97 0.00	17.20 0.79 0.00	16.20 0.74 0.00	15.08 0.68 -0.01	15.35 0.70 0.00	16.00 0.75 0.00	17.55 0.78 -0.77	16.84 0.79 -0.84	17.02 0.89 -0.87	17.52 1.03 -0.23	17.33 1.06 0.00	17.52 1.13 0.00	18.58 1.18 0.00	19.66 1.30 0.00	21.19 1.42 0.00	21.65 1.36 0.00	26.61 1.82 -0.86	32.32 1.95 0.00	32.09 1.85 -0.48	33.55 1.90 0.00	28.60 1.52 0.00	23.92 1.35 0.00	22.25 1.14 0.00	20.96 0.94 0.00

RAVENSWOOD_GT_10 24258	18.84 0.93 0.00	17.16 0.75 0.00	16.20 0.74 0.00	15.09 0.69 0.00	15.35 0.70 0.00	16.00 0.75 0.00	17.57 0.80 -0.77	16.82 0.78 -0.84	17.01 0.87 -0.87	17.47 0.98 -0.23	17.28 1.01 0.00	17.46 1.07 0.00	18.50 1.10 0.00	19.57 1.21 0.00	21.07 1.30 0.00	21.57 1.28 0.00	26.49 1.70 -0.85	32.20 1.82 0.00	32.00 1.76 -0.48	33.48 1.84 0.00	28.52 1.44 0.00	23.85 1.29 0.00	22.19 1.08 0.00	20.92 0.90 0.00
RAVENSWOOD_GT_11 24259	18.84 0.93 0.00	17.17 0.76 0.00	16.20 0.74 0.00	15.08 0.68 -0.01	15.35 0.70 0.00	16.00 0.75 0.00	17.55 0.78 -0.77	16.82 0.77 -0.84	17.01 0.87 -0.87	17.47 0.98 -0.23	17.28 1.01 0.00	17.46 1.06 0.00	18.50 1.10 0.00	19.57 1.21 0.00	21.07 1.30 0.00	21.57 1.28 0.00	26.49 1.70 -0.85	32.23 1.85 0.00	32.00 1.76 -0.48	33.48 1.83 0.00	28.55 1.46 0.00	23.85 1.29 0.00	22.19 1.08 0.00	20.92 0.90 0.00
RAVENSWOOD_GT_4 24252	18.84 0.93 0.00	17.16 0.75 0.00	16.20 0.74 0.00	15.09 0.69 0.00	15.35 0.70 0.00	16.02 0.76 0.00	17.57 0.80 -0.77	16.82 0.78 -0.84	17.01 0.87 -0.87	17.47 0.98 -0.23	17.29 1.01 0.00	17.46 1.07 0.00	18.50 1.10 0.00	19.57 1.21 0.00	21.07 1.30 0.00	21.57 1.28 0.00	26.46 1.68 -0.85	32.17 1.79 0.00	31.97 1.73 -0.48	33.48 1.84 0.00	28.52 1.44 0.00	23.85 1.29 0.00	22.21 1.10 0.00	20.94 0.92 0.00
RAVENSWOOD_GT_5 24254	18.84 0.93 0.00	17.16 0.75 0.00	16.20 0.74 0.00	15.09 0.69 0.00	15.35 0.70 0.00	16.02 0.76 0.00	17.57 0.80 -0.77	16.82 0.78 -0.84	17.01 0.87 -0.87	17.47 0.98 -0.23	17.29 1.01 0.00	17.46 1.07 0.00	18.50 1.10 0.00	19.57 1.21 0.00	21.07 1.30 0.00	21.57 1.28 0.00	26.46 1.68 -0.85	32.17 1.79 0.00	31.97 1.73 -0.48	33.48 1.84 0.00	28.52 1.44 0.00	23.85 1.29 0.00	22.21 1.10 0.00	20.94 0.92 0.00
RAVENSWOOD_GT_6 24253	18.84 0.93 0.00	17.16 0.75 0.00	16.20 0.74 0.00	15.09 0.69 0.00	15.35 0.70 0.00	16.02 0.76 0.00	17.57 0.80 -0.77	16.82 0.78 -0.84	17.01 0.87 -0.87	17.47 0.98 -0.23	17.29 1.01 0.00	17.46 1.07 0.00	18.50 1.10 0.00	19.57 1.21 0.00	21.07 1.30 0.00	21.57 1.28 0.00	26.46 1.68 -0.85	32.17 1.79 0.00	31.97 1.73 -0.48	33.48 1.84 0.00	28.52 1.44 0.00	23.85 1.29 0.00	22.21 1.10 0.00	20.94 0.92 0.00
RAVENSWOOD_GT_7 24255	18.84 0.93 0.00	17.16 0.75 0.00	16.20 0.74 0.00	15.09 0.69 0.00	15.35 0.70 0.00	16.02 0.76 0.00	17.57 0.80 -0.77	16.82 0.78 -0.84	17.01 0.87 -0.87	17.47 0.98 -0.23	17.29 1.01 0.00	17.46 1.07 0.00	18.50 1.10 0.00	19.57 1.21 0.00	21.07 1.30 0.00	21.57 1.28 0.00	26.46 1.68 -0.85	32.17 1.79 0.00	31.97 1.73 -0.48	33.48 1.84 0.00	28.52 1.44 0.00	23.85 1.29 0.00	22.21 1.10 0.00	20.94 0.92 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	18.84 0.93 0.00	17.16 0.75 0.00	16.20 0.74 0.00	15.09 0.69 0.00	15.35 0.70 0.00	16.00 0.75 0.00	17.57 0.80 -0.77	16.82 0.78 -0.84	17.01 0.87 -0.87	17.47 0.98 -0.23	17.28 1.01 0.00	17.46 1.07 0.00	18.50 1.10 0.00	19.57 1.21 0.00	21.07 1.30 0.00	21.57 1.28 0.00	26.49 1.70 -0.85	32.20 1.82 0.00	32.00 1.76 -0.48	33.48 1.84 0.00	28.52 1.44 0.00	23.85 1.29 0.00	22.19 1.08 0.00	20.92 0.90 0.00
RAVENSWOOD_GT_9 24257	18.84 0.93 0.00	17.16 0.75 0.00	16.20 0.74 0.00	15.09 0.69 0.00	15.35 0.70 0.00	16.00 0.75 0.00	17.57 0.80 -0.77	16.82 0.78 -0.84	17.01 0.87 -0.87	17.47 0.98 -0.23	17.28 1.01 0.00	17.46 1.07 0.00	18.50 1.10 0.00	19.57 1.21 0.00	21.07 1.30 0.00	21.57 1.28 0.00	26.49 1.70 -0.85	32.20 1.82 0.00	32.00 1.76 -0.48	33.48 1.84 0.00	28.52 1.44 0.00	23.85 1.29 0.00	22.19 1.08 0.00	20.92 0.90 0.00
RAVENSWOOD___1 23533	18.86 0.95 0.00	17.18 0.77 0.00	16.20 0.74 0.00	15.08 0.68 -0.01	15.33 0.69 0.00	15.99 0.73 0.00	17.53 0.77 -0.77	16.82 0.77 -0.84	17.02 0.89 -0.87	17.50 1.01 -0.23	17.32 1.04 0.00	17.51 1.12 0.00	18.57 1.17 0.00	19.64 1.28 0.00	21.17 1.40 0.00	21.63 1.34 0.00	26.58 1.80 -0.85	32.32 1.95 0.00	32.06 1.82 -0.48	33.55 1.90 0.00	28.58 1.49 0.00	23.90 1.33 0.00	22.23 1.12 0.00	20.94 0.92 0.00
RAVENSWOOD___2 23534	18.86 0.95 0.00	17.18 0.77 0.00	16.18 0.73 0.00	15.06 0.66 -0.01	15.33 0.69 0.00	15.99 0.73 0.00	17.53 0.77 -0.77	16.82 0.77 -0.84	17.01 0.87 -0.87	17.50 1.01 -0.23	17.32 1.04 0.00	17.49 1.10 0.00	18.55 1.15 0.00	19.64 1.28 0.00	21.15 1.38 0.00	21.63 1.34 0.00	26.56 1.77 -0.85	32.29 1.91 0.00	32.06 1.82 -0.48	33.55 1.90 0.00	28.58 1.49 0.00	23.90 1.33 0.00	22.23 1.12 0.00	20.94 0.92 0.00
RAVENSWOOD___3 23535	18.84 0.93 0.00	17.17 0.76 0.00	16.20 0.74 0.00	15.08 0.68 -0.01	15.33 0.69 0.00	16.00 0.75 0.00	17.53 0.77 -0.77	16.82 0.77 -0.84	17.01 0.87 -0.87	17.47 0.98 -0.23	17.28 1.01 0.00	17.46 1.06 0.00	18.50 1.10 0.00	19.57 1.21 0.00	21.09 1.32 0.00	21.57 1.28 0.00	26.49 1.70 -0.85	32.23 1.85 0.00	32.00 1.76 -0.48	33.48 1.83 0.00	28.55 1.46 0.00	23.85 1.29 0.00	22.21 1.10 0.00	20.92 0.90 0.00
RAVENSWOOD___4 23820	18.84 0.93 0.00	17.17 0.76 0.00	16.18 0.73 0.00	15.06 0.66 0.00	15.32 0.67 0.00	15.99 0.73 0.00	17.52 0.75 -0.77	16.80 0.76 -0.84	17.01 0.87 -0.87	17.48 0.99 -0.23	17.30 1.03 0.00	17.49 1.10 0.00	18.55 1.15 0.00	19.62 1.27 0.00	21.15 1.38 0.00	21.61 1.32 0.00	26.56 1.77 -0.85	32.29 1.91 0.00	32.05 1.82 -0.48	33.51 1.87 0.00	28.55 1.46 0.00	23.87 1.31 0.00	22.21 1.10 0.00	20.92 0.90 0.00
RCPL_TRUST___DRP 24196	18.86 0.95 0.00	17.18 0.77 0.00	16.22 0.76 0.00	15.11 0.72 0.00	15.36 0.72 0.00	16.02 0.76 0.00	17.58 0.82 -0.77	16.84 0.79 -0.84	17.02 0.89 -0.87	17.50 1.01 -0.23	17.32 1.04 0.00	17.49 1.10 0.00	18.51 1.11 0.00	19.58 1.23 0.00	21.11 1.34 0.00	21.61 1.32 0.00	26.51 1.72 -0.85	32.23 1.85 0.00	32.00 1.76 -0.48	33.48 1.84 0.00	28.55 1.46 0.00	23.87 1.31 0.00	22.23 1.12 0.00	20.94 0.92 0.00
RED___ROCHESTER 323720	18.27 0.36 0.00	16.77 0.36 0.00	15.74 0.28 0.00	14.67 0.27 0.00	14.92 0.28 0.00	15.48 0.23 0.00	16.22 0.18 -0.04	15.34 0.09 -0.04	15.34 0.03 -0.05	16.23 -0.05 -0.01	16.32 0.05 0.00	16.37 -0.02 0.00	17.49 0.09 0.00	18.37 0.02 0.00	19.73 -0.04 0.00	20.27 -0.02 0.00	24.03 0.00 -0.10	30.34 -0.03 0.00	29.79 -0.03 -0.05	31.58 -0.06 0.00	27.39 0.30 0.00	22.81 0.25 0.00	21.20 0.08 0.00	20.42 0.40 0.00
REGAN___SOLAR 323812	19.43 1.52 0.00	17.76 1.35 0.00	16.76 1.30 0.00	15.62 1.22 -0.01	15.84 1.20 0.00	16.55 1.30 0.00	18.49 1.39 -1.10	17.73 1.32 -1.21	17.75 1.24 -1.25	17.81 1.22 -0.32	17.38 1.11 0.00	17.57 1.18 0.00	18.72 1.32 0.00	19.93 1.58 0.00	21.71 1.94 0.00	22.30 2.01 0.00	27.80 2.56 -1.30	33.99 3.61 0.00	34.15 3.66 -0.73	35.73 4.08 0.00	30.34 3.25 0.00	25.16 2.59 0.00	23.22 2.11 0.00	21.84 1.82 0.00

RENSSELAER___COGEN 23796	18.27 0.36 0.00	16.76 0.35 0.00	15.83 0.37 0.00	14.76 0.36 -0.01	14.99 0.35 0.00	15.62 0.37 0.00	17.36 0.37 -0.99	16.64 0.35 -1.09	16.73 0.34 -1.13	16.91 0.36 -0.29	16.58 0.31 0.00	16.72 0.33 0.00	17.71 0.31 0.00	18.76 0.40 0.00	20.18 0.42 0.00	20.75 0.47 0.00	25.63 0.60 -1.09	31.20 0.82 0.00	31.15 0.77 -0.61	32.50 0.85 0.00	27.68 0.60 0.00	23.02 0.45 0.00	21.45 0.34 0.00	20.26 0.24 0.00
REPUBLIC_115KV_BARTNBRK 55605	19.90 1.99 0.00	18.17 1.76 0.00	17.17 1.72 0.00	16.01 1.61 0.00	16.24 1.60 0.00	16.95 1.69 0.00	18.77 1.76 -1.01	18.10 1.78 -1.12	18.15 1.72 -1.16	18.35 1.79 -0.30	17.84 1.56 0.00	17.93 1.54 0.00	18.88 1.48 0.00	20.10 1.74 0.00	21.86 2.10 0.00	22.54 2.25 0.00	27.95 2.87 -1.14	34.32 3.95 0.00	34.39 3.99 -0.64	36.30 4.65 0.00	30.85 3.77 0.00	25.57 3.00 0.00	23.71 2.60 0.00	22.26 2.24 0.00
REVERE_CPPR_DRP 24186	18.34 0.43 0.00	16.84 0.43 0.00	15.81 0.36 0.00	14.71 0.32 0.00	15.00 0.35 0.00	15.61 0.35 0.00	16.38 0.37 -0.02	15.59 0.36 -0.02	15.64 0.35 -0.02	16.61 0.34 0.00	16.60 0.33 0.00	16.72 0.33 0.00	17.80 0.40 0.00	18.76 0.40 0.00	20.16 0.40 0.00	20.71 0.43 0.00	24.57 0.60 -0.04	31.23 0.85 0.00	30.68 0.89 -0.02	32.63 0.98 0.00	28.01 0.92 0.00	23.33 0.77 0.00	21.70 0.59 0.00	20.60 0.58 0.00
REYNOLDS_115KV_TB3 80639	18.41 0.50 0.00	16.87 0.46 0.00	15.92 0.46 0.00	14.86 0.46 0.00	15.08 0.44 0.00	15.71 0.46 0.00	17.45 0.46 -0.99	16.75 0.46 -1.09	16.84 0.44 -1.13	17.01 0.46 -0.29	16.68 0.41 0.00	16.82 0.43 0.00	17.82 0.42 0.00	18.87 0.51 0.00	20.30 0.53 0.00	20.90 0.61 0.00	25.80 0.77 -1.10	31.38 1.00 0.00	31.36 0.98 -0.61	32.69 1.04 0.00	27.82 0.73 0.00	23.17 0.61 0.00	21.60 0.49 0.00	20.40 0.38 0.00
RIVERBAY____ 323610	19.00 1.09 0.00	17.33 0.92 0.00	16.32 0.87 0.00	15.19 0.79 0.00	15.45 0.81 0.00	16.12 0.87 0.00	17.69 0.93 -0.77	16.96 0.91 -0.84	17.15 1.01 -0.87	17.65 1.15 -0.23	17.46 1.19 0.00	17.64 1.25 0.00	18.70 1.30 0.00	19.80 1.45 0.00	21.35 1.58 0.00	21.79 1.50 0.00	26.78 1.99 -0.85	32.50 2.13 0.00	32.29 2.05 -0.48	33.80 2.15 0.00	28.79 1.71 0.00	24.08 1.51 0.00	22.42 1.31 0.00	21.12 1.10 0.00
RIVERSDE_115KV_TB3 55908	18.34 0.43 0.00	16.82 0.41 0.00	15.88 0.42 0.00	14.81 0.42 0.00	15.04 0.40 0.00	15.68 0.43 0.00	17.42 0.43 -0.99	16.70 0.41 -1.09	16.79 0.40 -1.13	16.98 0.42 -0.29	16.65 0.37 0.00	16.78 0.39 0.00	17.78 0.38 0.00	18.83 0.48 0.00	20.26 0.49 0.00	20.84 0.55 0.00	25.73 0.69 -1.10	31.29 0.91 0.00	31.30 0.92 -0.61	32.63 0.98 0.00	27.77 0.68 0.00	23.11 0.54 0.00	21.53 0.42 0.00	20.34 0.32 0.00
ROARING___BROOK_WT_PWR 323790	17.72 -0.20 0.00	16.28 -0.13 0.00	15.37 -0.09 0.00	14.32 -0.07 0.00	14.59 -0.06 0.00	15.19 -0.06 0.00	15.95 -0.05 0.00	15.17 -0.03 0.00	15.23 -0.03 0.00	16.25 -0.02 0.00	16.26 -0.02 0.00	16.37 -0.02 0.00	17.40 0.00 0.00	18.35 0.00 0.00	19.75 -0.02 0.00	20.27 -0.02 0.00	23.93 0.00 0.00	30.37 0.00 0.00	29.76 0.00 0.00	31.65 0.00 0.00	27.09 0.00 0.00	22.56 0.00 0.00	21.07 -0.04 0.00	20.00 -0.02 0.00
ROCHESRG_115KV_T4 355643	18.11 0.20 0.00	16.62 0.21 0.00	15.61 0.15 0.00	14.54 0.14 0.00	14.80 0.16 0.00	15.35 0.09 0.00	16.09 0.05 -0.04	15.20 -0.05 -0.04	15.20 -0.11 -0.05	16.08 -0.20 -0.01	16.18 -0.10 0.00	16.23 -0.16 0.00	17.28 -0.12 0.00	18.12 -0.24 0.00	19.51 -0.26 0.00	20.04 -0.24 0.00	23.74 -0.29 -0.09	29.98 -0.39 0.00	29.34 -0.48 -0.05	31.08 -0.57 0.00	27.03 -0.05 0.00	22.52 -0.05 0.00	20.96 -0.15 0.00	20.20 0.18 0.00
ROCHESTER_9_IC 23652	18.20 0.29 0.00	16.71 0.30 0.00	15.69 0.23 0.00	14.60 0.20 0.00	14.88 0.23 0.00	15.42 0.17 0.00	16.17 0.13 -0.04	15.28 0.03 -0.04	15.28 -0.03 -0.05	16.16 -0.11 -0.01	16.26 -0.02 0.00	16.31 -0.08 0.00	17.38 -0.02 0.00	18.21 -0.15 0.00	19.63 -0.14 0.00	20.17 -0.12 0.00	23.89 -0.14 -0.10	30.16 -0.21 0.00	29.55 -0.27 -0.05	31.27 -0.38 0.00	27.22 0.14 0.00	22.68 0.11 0.00	21.09 -0.02 0.00	20.32 0.30 0.00
ROCKVIEW_13_KV_LD 356306	18.88 0.97 0.00	17.20 0.79 0.00	16.22 0.76 0.00	15.10 0.71 0.00	15.36 0.72 0.00	16.05 0.79 0.00	17.60 0.83 -0.77	16.85 0.81 -0.84	17.02 0.89 -0.87	17.48 0.99 -0.23	17.28 1.01 0.00	17.46 1.07 0.00	18.50 1.10 0.00	19.57 1.21 0.00	21.07 1.30 0.00	21.59 1.30 0.00	26.49 1.70 -0.85	32.32 1.94 0.00	32.14 1.90 -0.48	33.64 1.99 0.00	28.63 1.54 0.00	23.92 1.35 0.00	22.23 1.12 0.00	20.98 0.96 0.00
ROME____115KV_TB2 80656	18.34 0.43 0.00	16.84 0.43 0.00	15.81 0.36 0.00	14.71 0.32 0.00	15.00 0.35 0.00	15.61 0.35 0.00	16.38 0.37 -0.02	15.59 0.36 -0.02	15.64 0.35 -0.02	16.61 0.34 0.00	16.60 0.33 0.00	16.72 0.33 0.00	17.80 0.40 0.00	18.76 0.40 0.00	20.16 0.40 0.00	20.71 0.43 0.00	24.57 0.60 -0.04	31.23 0.85 0.00	30.68 0.89 -0.02	32.63 0.98 0.00	28.01 0.92 0.00	23.33 0.77 0.00	21.70 0.59 0.00	20.60 0.58 0.00
ROSETON___1 23587	18.66 0.75 0.00	17.03 0.62 0.00	16.08 0.62 0.00	14.96 0.56 -0.01	15.21 0.57 0.00	15.88 0.63 0.00	17.41 0.64 -0.77	16.67 0.62 -0.84	16.83 0.69 -0.88	17.24 0.75 -0.23	17.02 0.75 0.00	17.18 0.79 0.00	18.20 0.80 0.00	19.24 0.88 0.00	20.72 0.95 0.00	21.24 0.95 0.00	26.06 1.27 -0.85	31.86 1.49 0.00	31.67 1.43 -0.48	33.13 1.49 0.00	28.28 1.19 0.00	23.58 1.02 0.00	21.93 0.82 0.00	20.72 0.70 0.00
ROSETON___2 23588	18.66 0.75 0.00	17.03 0.62 0.00	16.08 0.62 0.00	14.96 0.56 -0.01	15.21 0.57 0.00	15.88 0.63 0.00	17.41 0.64 -0.77	16.67 0.62 -0.84	16.83 0.69 -0.88	17.24 0.75 -0.23	17.02 0.75 0.00	17.18 0.79 0.00	18.20 0.80 0.00	19.24 0.88 0.00	20.72 0.95 0.00	21.24 0.95 0.00	26.06 1.27 -0.85	31.86 1.49 0.00	31.67 1.43 -0.48	33.13 1.49 0.00	28.28 1.19 0.00	23.58 1.02 0.00	21.93 0.82 0.00	20.72 0.70 0.00
ROTTDAM_115KV_TB3 80664	18.61 0.70 0.00	17.03 0.62 0.00	16.08 0.62 0.00	14.98 0.59 0.00	15.21 0.57 0.00	15.87 0.61 0.00	17.66 0.64 -1.02	16.94 0.61 -1.13	17.03 0.60 -1.17	17.19 0.62 -0.30	16.85 0.57 0.00	16.98 0.59 0.00	17.99 0.59 0.00	19.05 0.70 0.00	20.54 0.77 0.00	21.12 0.83 0.00	26.14 1.05 -1.15	31.71 1.34 0.00	31.75 1.34 -0.64	33.10 1.46 0.00	28.23 1.14 0.00	23.49 0.93 0.00	21.89 0.78 0.00	20.68 0.66 0.00
RUSSELL___1 23602	18.27 0.36 0.00	16.77 0.36 0.00	15.74 0.28 0.00	14.65 0.26 0.00	14.92 0.28 0.00	15.48 0.23 0.00	16.22 0.18 -0.04	15.34 0.09 -0.04	15.34 0.03 -0.05	16.23 -0.05 -0.01	16.32 0.05 0.00	16.37 -0.02 0.00	17.45 0.05 0.00	18.30 -0.06 0.00	19.73 -0.04 0.00	20.25 -0.04 0.00	24.01 -0.02 -0.10	30.34 -0.03 0.00	29.70 -0.12 -0.05	31.46 -0.19 0.00	27.39 0.30 0.00	22.81 0.25 0.00	21.20 0.08 0.00	20.42 0.40 0.00

RUSSELL___2 23532	18.27 0.36 0.00	16.77 0.36 0.00	15.74 0.28 0.00	14.65 0.26 0.00	14.92 0.28 0.00	15.48 0.23 0.00	16.22 0.18 -0.04	15.34 0.09 -0.04	15.34 0.03 -0.05	16.23 -0.05 -0.01	16.32 0.05 0.00	16.37 -0.02 0.00	17.45 0.05 0.00	18.30 -0.06 0.00	19.73 -0.04 0.00	20.25 -0.04 0.00	24.01 -0.02 -0.10	30.34 -0.03 0.00	29.70 -0.12 -0.05	31.46 -0.19 0.00	27.39 0.30 0.00	22.81 0.25 0.00	21.20 0.08 0.00	20.42 0.40 0.00
RUSSELL___3 23549	18.27 0.36 0.00	16.77 0.36 0.00	15.74 0.28 0.00	14.65 0.26 0.00	14.92 0.28 0.00	15.48 0.23 0.00	16.22 0.18 -0.04	15.34 0.09 -0.04	15.34 0.03 -0.05	16.23 -0.05 -0.01	16.32 0.05 0.00	16.37 -0.02 0.00	17.45 0.05 0.00	18.30 -0.06 0.00	19.73 -0.04 0.00	20.25 -0.04 0.00	24.01 -0.02 -0.10	30.34 -0.03 0.00	29.70 -0.12 -0.05	31.46 -0.19 0.00	27.39 0.30 0.00	22.81 0.25 0.00	21.20 0.08 0.00	20.42 0.40 0.00
RUSSELL___4 23556	18.27 0.36 0.00	16.77 0.36 0.00	15.74 0.28 0.00	14.65 0.26 0.00	14.92 0.28 0.00	15.48 0.23 0.00	16.22 0.18 -0.04	15.34 0.09 -0.04	15.34 0.03 -0.05	16.23 -0.05 -0.01	16.32 0.05 0.00	16.37 -0.02 0.00	17.45 0.05 0.00	18.30 -0.06 0.00	19.73 -0.04 0.00	20.25 -0.04 0.00	24.01 -0.02 -0.10	30.34 -0.03 0.00	29.70 -0.12 -0.05	31.46 -0.19 0.00	27.39 0.30 0.00	22.81 0.25 0.00	21.20 0.08 0.00	20.42 0.40 0.00
RUSSELL___STATION 23914	18.27 0.36 0.00	16.77 0.36 0.00	15.74 0.28 0.00	14.65 0.26 0.00	14.92 0.28 0.00	15.48 0.23 0.00	16.22 0.18 -0.04	15.34 0.09 -0.04	15.34 0.03 -0.05	16.23 -0.05 -0.01	16.32 0.05 0.00	16.37 -0.02 0.00	17.45 0.05 0.00	18.30 -0.06 0.00	19.73 -0.04 0.00	20.25 -0.04 0.00	24.01 -0.02 -0.10	30.34 -0.03 0.00	29.70 -0.12 -0.05	31.46 -0.19 0.00	27.39 0.30 0.00	22.81 0.25 0.00	21.20 0.08 0.00	20.42 0.40 0.00
S SALMON___HYD 24043	18.05 0.14 0.00	16.56 0.15 0.00	15.57 0.11 0.00	14.48 0.09 0.00	14.76 0.12 0.00	15.35 0.09 0.00	16.15 0.13 -0.03	15.35 0.12 -0.03	15.39 0.09 -0.03	16.34 0.07 -0.01	16.34 0.07 0.00	16.44 0.05 0.00	17.49 0.09 0.00	18.39 0.04 0.00	19.77 0.00 0.00	20.27 -0.02 0.00	24.02 0.02 -0.06	30.53 0.15 0.00	30.01 0.21 -0.03	31.84 0.19 0.00	27.41 0.33 0.00	22.84 0.27 0.00	21.34 0.23 0.00	20.26 0.24 0.00
S.PERRY___115KV_TB1 80734	18.79 0.88 0.00	17.25 0.84 0.00	16.17 0.71 0.00	15.04 0.65 0.00	15.35 0.70 0.00	15.90 0.64 0.00	16.62 0.56 -0.06	15.75 0.49 -0.06	15.71 0.38 -0.07	16.61 0.33 -0.02	16.68 0.41 0.00	16.70 0.31 0.00	17.82 0.42 0.00	18.67 0.31 0.00	20.11 0.34 0.00	20.69 0.41 0.00	24.57 0.50 -0.14	31.29 0.91 0.00	30.64 0.80 -0.08	32.56 0.92 0.00	28.44 1.35 0.00	23.60 1.04 0.00	21.89 0.78 0.00	21.04 1.02 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	18.20 0.29 0.00	16.74 0.33 0.00	15.74 0.28 0.00	14.67 0.27 0.00	14.94 0.29 0.00	15.41 0.15 0.00	16.00 -0.05 -0.05	15.06 -0.20 -0.06	15.03 -0.29 -0.06	15.97 -0.31 -0.02	16.11 -0.16 0.00	16.11 -0.28 0.00	17.17 -0.23 0.00	17.91 -0.44 0.00	19.27 -0.49 0.00	19.82 -0.47 0.00	23.22 -0.84 -0.12	29.46 -0.91 0.00	28.55 -1.28 -0.07	30.44 -1.20 0.00	26.65 -0.43 0.00	22.29 -0.27 0.00	20.69 -0.42 0.00	20.22 0.20 0.00
SAWYER___23_KV_LOAD 55526	18.20 0.29 0.00	16.74 0.33 0.00	15.74 0.28 0.00	14.67 0.27 0.00	14.94 0.29 0.00	15.41 0.15 0.00	16.00 -0.05 -0.05	15.06 -0.20 -0.06	15.03 -0.29 -0.06	15.97 -0.31 -0.02	16.11 -0.16 0.00	16.11 -0.28 0.00	17.17 -0.23 0.00	17.91 -0.44 0.00	19.27 -0.49 0.00	19.82 -0.47 0.00	23.22 -0.84 -0.12	29.46 -0.91 0.00	28.55 -1.28 -0.07	30.44 -1.20 0.00	26.65 -0.43 0.00	22.29 -0.27 0.00	20.69 -0.42 0.00	20.22 0.20 0.00
SELKIRK___I 23801	18.48 0.57 0.00	16.97 0.56 0.00	16.01 0.56 0.00	14.93 0.53 -0.01	15.16 0.51 0.00	15.80 0.55 0.00	17.53 0.56 -0.97	16.79 0.52 -1.07	16.86 0.49 -1.11	17.07 0.52 -0.29	16.75 0.47 0.00	16.88 0.49 0.00	17.89 0.49 0.00	18.96 0.60 0.00	20.40 0.63 0.00	20.98 0.69 0.00	25.85 0.84 -1.07	31.50 1.12 0.00	31.46 1.10 -0.60	32.85 1.20 0.00	28.01 0.92 0.00	23.29 0.72 0.00	21.68 0.57 0.00	20.50 0.48 0.00
SELKIRK___II 23799	18.36 0.45 0.00	16.84 0.43 0.00	15.89 0.43 0.00	14.82 0.42 -0.01	15.05 0.41 0.00	15.68 0.43 0.00	17.42 0.43 -0.99	16.70 0.41 -1.09	16.79 0.40 -1.13	16.98 0.42 -0.29	16.67 0.39 0.00	16.80 0.41 0.00	17.80 0.40 0.00	18.85 0.50 0.00	20.28 0.51 0.00	20.84 0.55 0.00	25.72 0.69 -1.09	31.28 0.91 0.00	31.26 0.89 -0.61	32.60 0.95 0.00	27.79 0.70 0.00	23.13 0.56 0.00	21.56 0.44 0.00	20.36 0.34 0.00
SENECA OSWGO___HYD 24041	18.14 0.23 0.00	16.64 0.23 0.00	15.66 0.20 0.00	14.58 0.19 0.00	14.85 0.20 0.00	15.42 0.17 0.00	16.22 0.19 -0.03	15.43 0.20 -0.03	15.45 0.15 -0.03	16.42 0.15 -0.01	16.44 0.16 0.00	16.54 0.15 0.00	17.59 0.19 0.00	18.50 0.15 0.00	19.91 0.14 0.00	20.43 0.14 0.00	24.24 0.24 -0.07	30.77 0.39 0.00	30.19 0.39 -0.04	32.03 0.38 0.00	27.60 0.51 0.00	22.97 0.41 0.00	21.43 0.32 0.00	20.38 0.36 0.00
SENECA___115KV_TB3 355854	18.34 0.43 0.00	16.85 0.44 0.00	15.84 0.39 0.00	14.77 0.37 0.00	15.04 0.40 0.00	15.51 0.26 0.00	16.05 0.00 -0.05	15.13 -0.14 -0.06	15.11 -0.21 -0.06	16.12 -0.16 -0.02	16.28 0.00 0.00	16.26 -0.13 0.00	17.33 -0.07 0.00	18.10 -0.26 0.00	19.47 -0.30 0.00	20.00 -0.28 0.00	23.37 -0.69 -0.13	29.80 -0.58 0.00	28.79 -1.04 -0.07	30.82 -0.82 0.00	26.95 -0.14 0.00	22.52 -0.05 0.00	20.90 -0.21 0.00	20.36 0.34 0.00
SENECA___ENERGY 23797	17.98 0.07 0.00	16.49 0.08 0.00	15.52 0.06 0.00	14.45 0.06 0.00	14.72 0.07 0.00	15.29 0.03 0.00	16.04 0.00 -0.04	15.24 -0.02 -0.05	15.25 -0.06 -0.05	16.20 -0.08 -0.01	16.23 -0.05 0.00	16.29 -0.10 0.00	17.35 -0.05 0.00	18.23 -0.13 0.00	19.61 -0.16 0.00	20.17 -0.12 0.00	23.94 -0.10 -0.10	30.41 0.03 0.00	29.79 -0.03 -0.06	31.58 -0.06 0.00	27.28 0.19 0.00	22.68 0.11 0.00	21.11 0.00 0.00	20.16 0.14 0.00
SHOEMAKER___GT 23640	18.54 0.63 0.00	16.92 0.51 0.00	15.95 0.49 0.00	14.85 0.45 0.00	15.10 0.45 0.00	15.74 0.49 0.00	17.15 0.50 -0.65	16.41 0.49 -0.72	16.54 0.53 -0.75	17.04 0.58 -0.19	16.86 0.59 0.00	16.98 0.59 0.00	18.02 0.63 0.00	19.03 0.68 0.00	20.50 0.73 0.00	21.04 0.75 0.00	25.74 1.05 -0.76	31.62 1.25 0.00	31.38 1.19 -0.42	32.91 1.27 0.00	28.09 1.00 0.00	23.42 0.86 0.00	21.81 0.70 0.00	20.60 0.58 0.00
SHOEMAKR_138KV_BK 111 55601	18.54 0.63 0.00	16.92 0.51 0.00	15.95 0.49 0.00	14.86 0.46 0.00	15.10 0.45 0.00	15.74 0.49 0.00	17.14 0.50 -0.65	16.40 0.49 -0.71	16.54 0.53 -0.74	17.04 0.59 -0.19	16.88 0.60 0.00	17.00 0.61 0.00	18.03 0.63 0.00	19.05 0.70 0.00	20.50 0.73 0.00	21.06 0.77 0.00	25.74 1.05 -0.75	31.59 1.21 0.00	31.37 1.19 -0.42	32.91 1.27 0.00	28.09 1.00 0.00	23.42 0.86 0.00	21.81 0.70 0.00	20.60 0.58 0.00

SHOREHAM_IC_1 23715	19.61 1.70 0.00	17.69 1.28 0.00	16.52 1.07 0.00	15.31 0.91 0.00	15.65 1.01 0.00	16.61 1.36 0.00	18.12 1.36 -0.77	17.40 1.35 -0.84	17.65 1.51 -0.87	18.18 1.69 -0.23	19.82 1.66 -1.89	20.49 1.69 -2.41	21.46 1.76 -2.30	27.67 1.94 -7.37	27.98 2.00 -6.21	29.54 2.05 -7.20	33.07 2.61 -6.52	37.40 3.28 -3.74	35.45 3.19 -2.50	37.88 3.35 -2.88	33.32 2.63 -3.61	29.64 2.28 -4.80	25.15 2.09 -1.94	22.75 1.90 -0.83
SHOREHAM_IC_2 23716	19.61 1.70 0.00	17.69 1.28 0.00	16.52 1.07 0.00	15.31 0.91 0.00	15.65 1.01 0.00	16.61 1.36 0.00	18.12 1.36 -0.77	17.40 1.35 -0.84	17.65 1.51 -0.87	18.18 1.69 -0.23	19.82 1.66 -1.89	20.49 1.69 -2.41	21.46 1.76 -2.30	27.67 1.94 -7.37	27.98 2.00 -6.21	29.54 2.05 -7.20	33.07 2.61 -6.52	37.40 3.28 -3.74	35.45 3.19 -2.50	37.88 3.35 -2.88	33.32 2.63 -3.61	29.64 2.28 -4.80	25.15 2.09 -1.94	22.75 1.90 -0.83
SISSONVILLE____ 23735	17.14 -0.77 0.00	15.72 -0.69 0.00	14.79 -0.66 0.00	13.75 -0.65 0.00	14.00 -0.64 0.00	14.63 -0.63 0.00	15.42 -0.58 0.00	14.69 -0.52 0.00	14.76 -0.50 0.00	15.75 -0.52 0.00	15.75 -0.52 0.00	15.90 -0.49 0.00	16.88 -0.52 0.00	17.79 -0.57 0.00	19.20 -0.57 0.00	19.66 -0.63 0.00	23.10 -0.84 0.00	29.34 -1.03 0.00	28.84 -0.92 0.00	30.73 -0.92 0.00	26.22 -0.87 0.00	21.80 -0.77 0.00	20.48 -0.63 0.00	19.26 -0.76 0.00
SITHE_IND_GS1 24169	17.57 -0.34 0.00	16.12 -0.29 0.00	15.16 -0.29 0.00	14.12 -0.27 0.00	14.38 -0.26 0.00	14.95 -0.30 0.00	15.70 -0.32 -0.02	14.91 -0.32 -0.02	14.95 -0.34 -0.02	15.90 -0.37 -0.01	15.92 -0.36 0.00	16.01 -0.38 0.00	17.03 -0.37 0.00	17.93 -0.42 0.00	19.32 -0.45 0.00	19.78 -0.51 0.00	23.41 -0.57 -0.05	29.65 -0.73 0.00	29.08 -0.71 -0.03	30.89 -0.76 0.00	26.52 -0.57 0.00	22.09 -0.47 0.00	20.65 -0.46 0.00	19.66 -0.36 0.00
SITHE_IND_GS2 24170	17.57 -0.34 0.00	16.12 -0.29 0.00	15.16 -0.29 0.00	14.12 -0.27 0.00	14.38 -0.26 0.00	14.95 -0.30 0.00	15.70 -0.32 -0.02	14.91 -0.32 -0.02	14.95 -0.34 -0.02	15.90 -0.37 -0.01	15.92 -0.36 0.00	16.01 -0.38 0.00	17.03 -0.37 0.00	17.93 -0.42 0.00	19.32 -0.45 0.00	19.78 -0.51 0.00	23.41 -0.57 -0.05	29.65 -0.73 0.00	29.08 -0.71 -0.03	30.89 -0.76 0.00	26.52 -0.57 0.00	22.09 -0.47 0.00	20.65 -0.46 0.00	19.66 -0.36 0.00
SITHE_IND_GS3 24171	17.57 -0.34 0.00	16.12 -0.29 0.00	15.16 -0.29 0.00	14.12 -0.27 0.00	14.38 -0.26 0.00	14.95 -0.30 0.00	15.70 -0.32 -0.02	14.91 -0.32 -0.02	14.95 -0.34 -0.02	15.90 -0.37 -0.01	15.92 -0.36 0.00	16.01 -0.38 0.00	17.03 -0.37 0.00	17.93 -0.42 0.00	19.32 -0.45 0.00	19.78 -0.51 0.00	23.41 -0.57 -0.05	29.65 -0.73 0.00	29.08 -0.71 -0.03	30.89 -0.76 0.00	26.52 -0.57 0.00	22.09 -0.47 0.00	20.65 -0.46 0.00	19.66 -0.36 0.00
SITHE_IND_GS4 24172	17.57 -0.34 0.00	16.12 -0.29 0.00	15.16 -0.29 0.00	14.12 -0.27 0.00	14.38 -0.26 0.00	14.95 -0.30 0.00	15.70 -0.32 -0.02	14.91 -0.32 -0.02	14.95 -0.34 -0.02	15.90 -0.37 -0.01	15.92 -0.36 0.00	16.01 -0.38 0.00	17.03 -0.37 0.00	17.93 -0.42 0.00	19.32 -0.45 0.00	19.78 -0.51 0.00	23.41 -0.57 -0.05	29.65 -0.73 0.00	29.08 -0.71 -0.03	30.89 -0.76 0.00	26.52 -0.57 0.00	22.09 -0.47 0.00	20.65 -0.46 0.00	19.66 -0.36 0.00
SITHE____BATAVIA 24024	18.45 0.54 0.00	16.94 0.52 0.00	15.91 0.45 0.00	14.83 0.43 0.00	15.08 0.44 0.00	15.67 0.41 0.00	16.25 0.21 -0.05	15.33 0.08 -0.05	15.30 -0.02 -0.05	16.21 -0.06 -0.01	16.36 0.08 0.00	16.34 -0.05 0.00	17.50 0.11 0.00	18.35 0.00 0.00	19.65 -0.12 0.00	20.23 -0.06 0.00	23.83 -0.22 -0.11	30.22 -0.15 0.00	29.56 -0.27 -0.06	31.33 -0.32 0.00	27.39 0.30 0.00	22.84 0.27 0.00	21.17 0.06 0.00	20.56 0.54 0.00
SITHE____INDEPEND 23800	17.57 -0.34 0.00	16.11 -0.30 0.00	15.16 -0.29 0.00	14.12 -0.27 0.00	14.38 -0.26 0.00	14.95 -0.31 0.00	15.70 -0.32 -0.02	14.91 -0.32 -0.02	14.95 -0.34 -0.02	15.90 -0.37 -0.01	15.92 -0.36 0.00	16.01 -0.38 0.00	17.02 -0.38 0.00	17.93 -0.42 0.00	19.31 -0.45 0.00	19.78 -0.51 0.00	23.41 -0.57 -0.05	29.68 -0.70 0.00	29.08 -0.71 -0.03	30.89 -0.76 0.00	26.52 -0.57 0.00	22.09 -0.47 0.00	20.65 -0.46 0.00	19.66 -0.36 0.00
SITHE____MASSENA 23902	17.53 -0.38 0.00	16.06 -0.35 0.00	15.13 -0.33 0.00	14.06 -0.33 0.00	14.32 -0.32 0.00	14.95 -0.30 0.00	15.73 -0.27 0.00	14.96 -0.24 0.00	15.04 -0.23 0.00	16.04 -0.23 0.00	16.06 -0.21 0.00	16.19 -0.20 0.00	17.16 -0.24 0.00	18.10 -0.26 0.00	19.55 -0.22 0.00	20.06 -0.22 0.00	23.53 -0.41 0.00	29.89 -0.49 0.00	29.35 -0.42 0.00	31.27 -0.38 0.00	26.68 -0.41 0.00	22.18 -0.38 0.00	20.90 -0.21 0.00	19.70 -0.32 0.00
SITHE____OGDNSBRG 24021	17.52 -0.39 0.00	16.07 -0.34 0.00	15.10 -0.36 0.00	14.03 -0.36 0.00	14.29 -0.35 0.00	14.93 -0.32 0.00	15.73 -0.27 0.00	14.97 -0.23 0.00	15.05 -0.21 0.00	16.04 -0.23 0.00	16.05 -0.23 0.00	16.18 -0.21 0.00	17.21 -0.19 0.00	18.12 -0.24 0.00	19.55 -0.22 0.00	20.06 -0.22 0.00	23.58 -0.36 0.00	29.98 -0.39 0.00	29.46 -0.30 0.00	31.43 -0.22 0.00	26.79 -0.30 0.00	22.29 -0.27 0.00	20.94 -0.17 0.00	19.70 -0.32 0.00
SITHE____STERLING 23777	18.29 0.38 0.00	16.77 0.36 0.00	15.77 0.31 0.00	14.68 0.29 0.00	14.95 0.31 0.00	15.56 0.30 0.00	16.34 0.32 -0.02	15.54 0.32 -0.02	15.58 0.29 -0.02	16.56 0.29 -0.01	16.55 0.28 0.00	16.67 0.28 0.00	17.75 0.35 0.00	18.67 0.31 0.00	20.10 0.34 0.00	20.65 0.37 0.00	24.49 0.50 -0.05	31.04 0.67 0.00	30.47 0.69 -0.03	32.38 0.73 0.00	27.82 0.73 0.00	23.17 0.61 0.00	21.58 0.46 0.00	20.50 0.48 0.00
SLEIGHT__34_KV_TB1 80719	18.36 0.45 0.00	16.87 0.46 0.00	15.84 0.39 0.00	14.74 0.35 0.00	15.04 0.40 0.00	15.62 0.37 0.00	16.42 0.38 -0.04	15.61 0.36 -0.04	15.63 0.32 -0.05	16.57 0.29 -0.01	16.62 0.34 0.00	16.70 0.31 0.00	17.78 0.38 0.00	18.70 0.35 0.00	20.11 0.34 0.00	20.67 0.39 0.00	24.58 0.55 -0.10	31.26 0.88 0.00	30.62 0.80 -0.05	32.47 0.82 0.00	28.06 0.98 0.00	23.31 0.74 0.00	21.70 0.59 0.00	20.66 0.64 0.00
SOUTH CAIRO____GT 23612	18.77 0.86 0.00	17.23 0.82 0.00	16.22 0.76 0.00	15.13 0.73 -0.01	15.38 0.73 0.00	15.99 0.73 0.00	17.60 0.67 -0.93	16.83 0.61 -1.02	16.90 0.58 -1.06	17.11 0.57 -0.27	16.75 0.47 0.00	16.85 0.46 0.00	17.92 0.52 0.00	19.05 0.70 0.00	20.50 0.73 0.00	21.18 0.89 0.00	26.06 1.10 -1.03	32.11 1.73 0.00	32.00 1.67 -0.57	33.58 1.93 0.00	28.60 1.52 0.00	23.69 1.13 0.00	21.98 0.87 0.00	20.74 0.72 0.00
SOUTH HAMPTN____IC 23720	19.85 1.94 0.00	17.90 1.49 0.00	16.71 1.25 0.00	15.48 1.08 0.00	15.83 1.19 0.00	16.81 1.56 0.00	18.33 1.57 -0.77	17.61 1.57 -0.84	17.86 1.72 -0.87	18.41 1.92 -0.23	20.05 1.89 -1.89	20.74 1.93 -2.41	21.72 2.02 -2.30	27.94 2.22 -7.37	28.31 2.33 -6.21	29.88 2.39 -7.20	33.47 3.02 -6.52	37.92 3.80 -3.74	35.96 3.69 -2.50	38.38 3.86 -2.88	33.78 3.09 -3.61	29.98 2.62 -4.80	25.44 2.38 -1.94	23.05 2.20 -0.83

SOUTHDOW_115KV_TB1 355954	18.84 0.93 0.00	17.30 0.89 0.00	16.28 0.82 0.00	15.17 0.78 0.00	15.43 0.79 0.00	15.93 0.67 0.00	16.43 0.37 -0.06	15.53 0.26 -0.06	15.56 0.23 -0.07	16.66 0.37 -0.02	16.86 0.59 0.00	16.82 0.43 0.00	17.94 0.54 0.00	18.70 0.35 0.00	20.09 0.32 0.00	20.67 0.39 0.00	24.03 -0.05 -0.14	30.92 0.55 0.00	29.69 -0.15 -0.08	32.06 0.41 0.00	27.98 0.89 0.00	23.31 0.74 0.00	21.53 0.42 0.00	20.88 0.86 0.00
SOUTHOLD_69_KV_BK 2 55809	20.17 2.26 0.00	18.18 1.77 0.00	16.96 1.50 0.00	15.69 1.30 0.00	16.05 1.41 0.00	17.09 1.83 0.00	18.64 1.87 -0.77	17.89 1.84 -0.84	18.15 2.02 -0.87	18.72 2.23 -0.23	20.38 2.21 -1.89	21.06 2.26 -2.41	22.05 2.35 -2.30	28.33 2.61 -7.37	28.75 2.77 -6.21	30.35 2.86 -7.20	34.03 3.57 -6.52	38.62 4.50 -3.75	36.64 4.38 -2.51	39.15 4.62 -2.88	34.38 3.68 -3.61	30.46 3.09 -4.80	25.86 2.81 -1.94	23.45 2.60 -0.83
SOUTHOLD___IC 23719	20.17 2.26 0.00	18.18 1.77 0.00	16.96 1.50 0.00	15.68 1.28 0.00	16.05 1.41 0.00	17.08 1.83 0.00	18.62 1.86 -0.77	17.88 1.84 -0.84	18.15 2.01 -0.87	18.72 2.23 -0.23	20.38 2.21 -1.89	21.06 2.26 -2.41	22.07 2.37 -2.30	28.35 2.62 -7.37	28.75 2.77 -6.21	30.35 2.86 -7.20	34.02 3.57 -6.52	38.65 4.53 -3.74	36.64 4.38 -2.50	39.11 4.59 -2.88	34.38 3.68 -3.61	30.46 3.09 -4.80	25.86 2.81 -1.94	23.45 2.60 -0.83
SPIERFLS_115KV_TB 1 80737	19.09 1.18 0.00	17.46 1.05 0.00	16.48 1.02 0.00	15.36 0.96 0.00	15.60 0.95 0.00	16.26 1.01 0.00	18.05 1.04 -1.01	17.35 1.03 -1.12	17.41 0.99 -1.16	17.61 1.04 -0.30	17.11 0.83 0.00	17.23 0.84 0.00	18.22 0.82 0.00	19.27 0.92 0.00	20.88 1.11 0.00	21.50 1.22 0.00	26.63 1.56 -1.14	32.50 2.13 0.00	32.57 2.17 -0.64	34.15 2.50 0.00	29.12 2.03 0.00	24.21 1.65 0.00	22.59 1.48 0.00	21.30 1.28 0.00
ST LAWRENCE____ 23600	17.48 -0.43 0.00	16.02 -0.39 0.00	15.09 -0.37 0.00	14.04 -0.36 0.00	14.28 -0.37 0.00	14.90 -0.35 0.00	15.66 -0.34 0.00	14.90 -0.30 0.00	14.97 -0.29 0.00	15.97 -0.29 0.00	15.98 -0.29 0.00	16.11 -0.28 0.00	17.07 -0.33 0.00	18.02 -0.33 0.00	19.45 -0.32 0.00	19.96 -0.33 0.00	23.43 -0.50 0.00	29.74 -0.64 0.00	29.17 -0.60 0.00	31.08 -0.57 0.00	26.52 -0.57 0.00	22.07 -0.50 0.00	20.77 -0.34 0.00	19.62 -0.40 0.00
STATE_CA_115KV_115_LB 55624	18.34 0.43 0.00	16.82 0.41 0.00	15.89 0.43 0.00	14.83 0.43 0.00	15.05 0.41 0.00	15.68 0.43 0.00	17.43 0.43 -1.00	16.72 0.43 -1.10	16.80 0.40 -1.14	16.98 0.42 -0.29	16.65 0.37 0.00	16.80 0.41 0.00	17.80 0.40 0.00	18.85 0.50 0.00	20.28 0.51 0.00	20.88 0.59 0.00	25.76 0.72 -1.11	31.35 0.97 0.00	31.33 0.95 -0.62	32.69 1.04 0.00	27.79 0.70 0.00	23.13 0.56 0.00	21.55 0.44 0.00	20.34 0.32 0.00
STATE_ST_34_KV_LOAD 55959	18.11 0.20 0.00	16.62 0.21 0.00	15.64 0.19 0.00	14.55 0.16 0.00	14.83 0.19 0.00	15.42 0.17 0.00	16.20 0.16 -0.04	15.42 0.17 -0.05	15.45 0.14 -0.05	16.41 0.13 -0.01	16.42 0.15 0.00	16.51 0.11 0.00	17.56 0.16 0.00	18.50 0.15 0.00	19.89 0.12 0.00	20.43 0.14 0.00	24.30 0.26 -0.10	30.86 0.49 0.00	30.27 0.45 -0.06	32.09 0.44 0.00	27.66 0.57 0.00	22.97 0.41 0.00	21.41 0.30 0.00	20.38 0.36 0.00
STATION 5_MISC_HYD 23604	18.20 0.29 0.00	16.71 0.30 0.00	15.69 0.23 0.00	14.61 0.22 0.00	14.88 0.23 0.00	15.42 0.17 0.00	16.17 0.13 -0.04	15.28 0.03 -0.04	15.28 -0.03 -0.05	16.16 -0.11 -0.01	16.26 -0.02 0.00	16.31 -0.08 0.00	17.42 0.02 0.00	18.28 -0.07 0.00	19.63 -0.14 0.00	20.19 -0.10 0.00	23.89 -0.14 -0.10	30.16 -0.21 0.00	29.64 -0.18 -0.05	31.39 -0.25 0.00	27.22 0.14 0.00	22.68 0.11 0.00	21.09 -0.02 0.00	20.32 0.30 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	18.23 0.32 0.00	16.72 0.31 0.00	15.71 0.25 0.00	14.61 0.22 0.00	14.88 0.23 0.00	15.45 0.20 0.00	16.20 0.16 -0.04	15.37 0.12 -0.04	15.39 0.08 -0.05	16.33 0.05 -0.01	16.37 0.10 0.00	16.44 0.05 0.00	17.52 0.12 0.00	18.39 0.04 0.00	19.81 0.04 0.00	20.35 0.06 0.00	24.15 0.12 -0.09	30.65 0.27 0.00	29.99 0.18 -0.05	31.84 0.19 0.00	27.60 0.51 0.00	22.93 0.36 0.00	21.32 0.21 0.00	20.38 0.36 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	18.00 0.09 0.00	16.51 0.10 0.00	15.50 0.05 0.00	14.44 0.04 0.00	14.70 0.06 0.00	15.26 0.00 0.00	15.99 -0.05 -0.04	15.19 -0.06 -0.04	15.19 -0.12 -0.05	16.07 -0.21 -0.01	16.16 -0.11 0.00	16.21 -0.18 0.00	17.28 -0.12 0.00	18.12 -0.24 0.00	19.53 -0.24 0.00	20.04 -0.24 0.00	23.77 -0.26 -0.09	30.01 -0.36 0.00	29.40 -0.42 -0.05	31.14 -0.51 0.00	27.09 0.00 0.00	22.54 -0.02 0.00	20.96 -0.15 0.00	20.18 0.16 0.00
STA_56___34_KV_BUS2 355983	18.00 0.09 0.00	16.51 0.10 0.00	15.50 0.05 0.00	14.44 0.04 0.00	14.70 0.06 0.00	15.26 0.00 0.00	15.99 -0.05 -0.04	15.19 -0.06 -0.04	15.19 -0.12 -0.05	16.07 -0.21 -0.01	16.16 -0.11 0.00	16.21 -0.18 0.00	17.28 -0.12 0.00	18.12 -0.24 0.00	19.53 -0.24 0.00	20.04 -0.24 0.00	23.77 -0.26 -0.09	30.01 -0.36 0.00	29.40 -0.42 -0.05	31.14 -0.51 0.00	27.09 0.00 0.00	22.54 -0.02 0.00	20.96 -0.15 0.00	20.18 0.16 0.00
STA_67___115KV_BK2 355882	18.16 0.25 0.00	16.67 0.26 0.00	15.66 0.20 0.00	14.58 0.19 0.00	14.85 0.21 0.00	15.39 0.14 0.00	16.14 0.10 -0.04	15.26 0.02 -0.04	15.25 -0.06 -0.05	16.15 -0.13 -0.01	16.23 -0.05 0.00	16.28 -0.11 0.00	17.35 -0.05 0.00	18.17 -0.18 0.00	19.59 -0.18 0.00	20.13 -0.16 0.00	23.81 -0.22 -0.10	30.10 -0.27 0.00	29.46 -0.36 -0.05	31.20 -0.44 0.00	27.14 0.05 0.00	22.63 0.07 0.00	21.05 -0.06 0.00	20.28 0.26 0.00
STA_7___115KV_9TRANS 80674	18.27 0.36 0.00	16.77 0.36 0.00	15.74 0.28 0.00	14.65 0.26 0.00	14.92 0.28 0.00	15.48 0.23 0.00	16.22 0.18 -0.04	15.34 0.09 -0.04	15.34 0.03 -0.05	16.23 -0.05 -0.01	16.32 0.05 0.00	16.37 -0.02 0.00	17.45 0.05 0.00	18.30 -0.06 0.00	19.73 -0.04 0.00	20.25 -0.04 0.00	24.01 -0.02 -0.10	30.34 -0.03 0.00	29.70 -0.12 -0.05	31.46 -0.19 0.00	27.39 0.30 0.00	22.81 0.25 0.00	21.20 0.08 0.00	20.42 0.40 0.00
STA_82___115KV_TB1 80780	18.18 0.27 0.00	16.69 0.28 0.00	15.67 0.22 0.00	14.58 0.19 0.00	14.86 0.22 0.00	15.41 0.15 0.00	16.15 0.11 -0.04	15.26 0.02 -0.04	15.27 -0.05 -0.05	16.15 -0.13 -0.01	16.24 -0.03 0.00	16.28 -0.11 0.00	17.35 -0.05 0.00	18.19 -0.17 0.00	19.59 -0.18 0.00	20.13 -0.16 0.00	23.84 -0.19 -0.10	30.10 -0.27 0.00	29.49 -0.33 -0.05	31.20 -0.44 0.00	27.17 0.08 0.00	22.63 0.07 0.00	21.05 -0.06 0.00	20.30 0.28 0.00
STEEL___WIND 323596	18.31 0.39 0.00	16.84 0.43 0.00	15.83 0.37 0.00	14.78 0.39 0.00	15.02 0.38 0.00	15.51 0.26 0.00	16.05 0.00 -0.05	15.11 -0.15 -0.06	15.10 -0.23 -0.06	16.10 -0.18 -0.02	16.26 -0.02 0.00	16.24 -0.15 0.00	17.36 -0.03 0.00	18.23 -0.13 0.00	19.45 -0.32 0.00	20.02 -0.26 0.00	23.37 -0.69 -0.13	29.80 -0.58 0.00	28.88 -0.95 -0.07	30.63 -1.01 0.00	26.93 -0.16 0.00	22.50 -0.07 0.00	20.88 -0.23 0.00	20.34 0.32 0.00

STEPHTWN_115KV_BK_2 55603	18.45 0.54 0.00	16.92 0.51 0.00	15.97 0.51 0.00	14.90 0.50 0.00	15.13 0.48 0.00	15.76 0.50 0.00	17.52 0.53 -0.99	16.82 0.53 -1.09	16.91 0.52 -1.13	17.09 0.54 -0.29	16.76 0.49 0.00	16.90 0.51 0.00	17.89 0.49 0.00	18.98 0.62 0.00	20.42 0.65 0.00	21.00 0.71 0.00	25.91 0.89 -1.09	31.59 1.21 0.00	31.56 1.19 -0.61	33.01 1.36 0.00	28.04 0.95 0.00	23.31 0.74 0.00	21.70 0.59 0.00	20.46 0.44 0.00
STEBEN_REC_LFGE 323667	18.63 0.72 0.00	17.12 0.71 0.00	16.09 0.63 0.00	14.98 0.59 0.00	15.27 0.63 0.00	15.79 0.53 0.00	16.46 0.38 -0.07	15.60 0.32 -0.08	15.59 0.24 -0.08	16.60 0.31 -0.02	16.70 0.42 0.00	16.70 0.31 0.00	17.78 0.38 0.00	18.61 0.26 0.00	20.01 0.24 0.00	20.59 0.30 0.00	24.27 0.17 -0.17	31.01 0.64 0.00	30.16 0.30 -0.10	32.15 0.51 0.00	28.04 0.95 0.00	23.33 0.77 0.00	21.64 0.53 0.00	20.84 0.82 0.00
STONY__BROOK 24151	19.49 1.58 0.00	17.59 1.18 0.00	16.43 0.97 0.00	15.23 0.83 0.00	15.57 0.92 0.00	16.51 1.25 0.00	18.01 1.25 -0.77	17.31 1.26 -0.84	17.54 1.40 -0.87	18.09 1.59 -0.23	19.76 1.60 -1.89	20.42 1.62 -2.41	21.41 1.71 -2.30	27.60 1.87 -7.37	27.92 1.94 -6.21	29.46 1.97 -7.20	32.97 2.51 -6.52	37.25 3.13 -3.74	35.27 3.00 -2.50	37.66 3.13 -2.88	33.19 2.49 -3.61	29.48 2.12 -4.80	25.00 1.94 -1.94	22.61 1.76 -0.83
STURGEON_POOL_HYD 23609	18.74 0.82 0.00	17.07 0.66 0.00	16.09 0.63 0.00	14.98 0.59 0.00	15.23 0.59 0.00	15.88 0.63 0.00	17.36 0.58 -0.79	16.63 0.56 -0.87	16.79 0.63 -0.90	17.23 0.73 -0.23	17.02 0.75 0.00	17.16 0.77 0.00	18.18 0.78 0.00	19.22 0.86 0.00	20.68 0.91 0.00	21.24 0.95 0.00	26.01 1.20 -0.88	31.80 1.43 0.00	31.56 1.31 -0.49	33.10 1.46 0.00	28.28 1.19 0.00	23.60 1.04 0.00	21.93 0.82 0.00	20.74 0.72 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	18.63 0.72 0.00	16.98 0.57 0.00	16.01 0.56 0.00	14.91 0.52 0.00	15.16 0.51 0.00	15.82 0.56 0.00	17.26 0.58 -0.68	16.51 0.56 -0.75	16.67 0.63 -0.78	17.17 0.70 -0.20	16.98 0.70 0.00	17.11 0.72 0.00	18.13 0.73 0.00	19.18 0.83 0.00	20.64 0.87 0.00	21.18 0.89 0.00	25.91 1.20 -0.78	31.74 1.37 0.00	31.54 1.34 -0.44	33.07 1.42 0.00	28.20 1.11 0.00	23.53 0.97 0.00	21.89 0.78 0.00	20.68 0.66 0.00
SWANROAD_115KV_TB1 355699	17.98 0.07 0.00	16.44 0.03 0.00	15.46 0.00 0.00	14.42 0.03 0.00	14.67 0.03 0.00	15.27 0.02 0.00	15.76 -0.29 -0.05	14.82 -0.44 -0.06	14.79 -0.53 -0.06	15.66 -0.62 -0.01	15.82 -0.46 0.00	15.80 -0.59 0.00	16.84 -0.56 0.00	17.58 -0.77 0.00	18.92 -0.85 0.00	19.46 -0.83 0.00	22.81 -1.24 -0.12	28.89 -1.49 0.00	28.04 -1.79 -0.07	29.81 -1.84 0.00	26.11 -0.98 0.00	21.86 -0.70 0.00	20.31 -0.80 0.00	19.88 -0.14 0.00
SYNERGY__BIOGAS 323694	18.45 0.54 0.00	16.94 0.52 0.00	15.91 0.45 0.00	14.83 0.43 0.00	15.08 0.44 0.00	15.67 0.41 0.00	16.25 0.21 -0.05	15.33 0.08 -0.05	15.30 -0.02 -0.05	16.21 -0.06 -0.01	16.36 0.08 0.00	16.34 -0.05 0.00	17.50 0.11 0.00	18.35 0.00 0.00	19.65 -0.12 0.00	20.23 -0.06 0.00	23.83 -0.22 -0.11	30.22 -0.15 0.00	29.56 -0.27 -0.06	31.33 -0.32 0.00	27.39 0.30 0.00	22.84 0.27 0.00	21.17 0.06 0.00	20.56 0.54 0.00
SYRACUSE__ENERGY_ST1 323597	18.04 0.13 0.00	16.54 0.13 0.00	15.57 0.11 0.00	14.50 0.10 0.00	14.76 0.12 0.00	15.33 0.08 0.00	16.11 0.08 -0.03	15.32 0.08 -0.04	15.35 0.05 -0.04	16.31 0.03 -0.01	16.34 0.07 0.00	16.42 0.03 0.00	17.47 0.07 0.00	18.41 0.06 0.00	19.79 0.02 0.00	20.31 0.02 0.00	24.11 0.10 -0.08	30.59 0.21 0.00	29.99 0.18 -0.05	31.81 0.16 0.00	27.39 0.30 0.00	22.79 0.23 0.00	21.26 0.15 0.00	20.24 0.22 0.00
SYRACUSE__ENERGY_ST2 323598	18.04 0.13 0.00	16.54 0.13 0.00	15.57 0.11 0.00	14.50 0.10 0.00	14.76 0.12 0.00	15.33 0.08 0.00	16.11 0.08 -0.03	15.32 0.08 -0.04	15.35 0.05 -0.04	16.31 0.03 -0.01	16.34 0.07 0.00	16.42 0.03 0.00	17.47 0.07 0.00	18.41 0.06 0.00	19.79 0.02 0.00	20.31 0.02 0.00	24.11 0.10 -0.08	30.59 0.21 0.00	29.99 0.18 -0.05	31.81 0.16 0.00	27.39 0.30 0.00	22.79 0.23 0.00	21.26 0.15 0.00	20.24 0.22 0.00
SYRACUSE__POWER 24017	17.95 0.04 0.00	16.46 0.05 0.00	15.49 0.03 0.00	14.41 0.01 0.00	14.67 0.03 0.00	15.26 0.00 0.00	16.04 0.00 -0.04	15.24 0.00 -0.04	15.28 -0.03 -0.04	16.23 -0.05 -0.01	16.24 -0.03 0.00	16.34 -0.05 0.00	17.38 -0.02 0.00	18.30 -0.06 0.00	19.69 -0.08 0.00	20.21 -0.08 0.00	24.00 -0.02 -0.09	30.40 0.03 0.00	29.81 0.00 -0.05	31.65 0.00 0.00	27.22 0.14 0.00	22.65 0.09 0.00	21.13 0.02 0.00	20.12 0.10 0.00
TALLMAN_138KV_BK151 55660	18.72 0.81 0.00	17.07 0.66 0.00	16.11 0.65 0.00	14.98 0.59 0.00	15.24 0.60 0.00	15.90 0.64 0.00	17.38 0.67 -0.71	16.64 0.65 -0.78	16.81 0.73 -0.81	17.29 0.81 -0.21	17.11 0.83 0.00	17.24 0.85 0.00	18.27 0.87 0.00	19.33 0.97 0.00	20.80 1.03 0.00	21.34 1.05 0.00	26.13 1.39 -0.81	31.95 1.58 0.00	31.73 1.52 -0.45	33.26 1.61 0.00	28.33 1.25 0.00	23.67 1.11 0.00	22.02 0.91 0.00	20.76 0.74 0.00
TEALLAVE_115KV_TB7 355573	17.89 -0.02 0.00	16.41 0.00 0.00	15.44 -0.02 0.00	14.38 -0.01 0.00	14.64 0.00 0.00	15.22 -0.03 0.00	15.98 -0.05 -0.03	15.19 -0.05 -0.03	15.22 -0.08 -0.03	16.18 -0.10 -0.01	16.19 -0.08 0.00	16.29 -0.10 0.00	17.33 -0.07 0.00	18.24 -0.11 0.00	19.63 -0.14 0.00	20.13 -0.16 0.00	23.89 -0.12 -0.07	30.28 -0.09 0.00	29.68 -0.12 -0.04	31.49 -0.16 0.00	27.12 0.03 0.00	22.56 0.00 0.00	21.05 -0.06 0.00	20.06 0.04 0.00
TELGRAPH_34_KV_EAST 80808	18.29 0.38 0.00	16.75 0.34 0.00	15.74 0.28 0.00	14.67 0.27 0.00	14.95 0.31 0.00	15.51 0.26 0.00	16.08 0.03 -0.05	15.12 -0.14 -0.05	15.09 -0.23 -0.05	15.99 -0.29 -0.01	16.15 -0.13 0.00	16.13 -0.26 0.00	17.21 -0.19 0.00	17.97 -0.39 0.00	19.35 -0.42 0.00	19.88 -0.41 0.00	23.36 -0.69 -0.12	29.62 -0.76 0.00	28.76 -1.07 -0.07	30.60 -1.04 0.00	26.82 -0.27 0.00	22.41 -0.16 0.00	20.79 -0.32 0.00	20.28 0.26 0.00
TEMPLE__115KV_TB 2 55572	17.91 0.00 0.00	16.43 0.02 0.00	15.46 0.00 0.00	14.38 -0.01 0.00	14.64 0.00 0.00	15.22 -0.03 0.00	15.98 -0.05 -0.03	15.19 -0.05 -0.03	15.22 -0.08 -0.03	16.18 -0.10 -0.01	16.21 -0.07 0.00	16.29 -0.10 0.00	17.33 -0.07 0.00	18.24 -0.11 0.00	19.63 -0.14 0.00	20.15 -0.14 0.00	23.89 -0.12 -0.07	30.28 -0.09 0.00	29.68 -0.12 -0.04	31.52 -0.13 0.00	27.12 0.03 0.00	22.56 0.00 0.00	21.05 -0.06 0.00	20.06 0.04 0.00
TIANA__69_KV_BK 1 55817	19.77 1.86 0.00	17.84 1.43 0.00	16.65 1.19 0.00	15.42 1.02 0.00	15.77 1.13 0.00	16.75 1.49 0.00	18.29 1.52 -0.77	17.54 1.49 -0.84	17.79 1.65 -0.87	18.33 1.84 -0.23	19.99 1.82 -1.89	20.65 1.85 -2.41	21.63 1.93 -2.30	27.85 2.13 -7.37	28.20 2.21 -6.21	29.78 2.29 -7.20	33.33 2.87 -6.52	37.70 3.58 -3.75	35.78 3.51 -2.51	38.23 3.70 -2.88	33.62 2.93 -3.61	29.87 2.50 -4.80	25.36 2.30 -1.94	22.95 2.10 -0.83

TILDEN___115KV_TB1 80814	17.95 0.04 0.00	16.46 0.05 0.00	15.49 0.03 0.00	14.41 0.01 0.00	14.67 0.03 0.00	15.26 0.00 0.00	16.04 0.00 -0.04	15.24 0.00 -0.04	15.28 -0.03 -0.04	16.23 -0.05 -0.01	16.24 -0.03 0.00	16.34 -0.05 0.00	17.38 -0.02 0.00	18.30 -0.06 0.00	19.69 -0.08 0.00	20.21 -0.08 0.00	24.00 -0.02 -0.09	30.40 0.03 0.00	29.81 0.00 -0.05	31.65 0.00 0.00	27.22 0.14 0.00	22.65 0.09 0.00	21.13 0.02 0.00	20.12 0.10 0.00
TRIGEN___CC 323695	19.06 1.15 0.00	17.25 0.84 0.00	16.18 0.73 0.00	15.03 0.63 0.00	15.32 0.67 0.00	16.16 0.90 0.00	17.69 0.93 -0.77	16.96 0.91 -0.84	17.18 1.04 -0.87	17.66 1.17 -0.23	19.37 1.20 -1.89	20.05 1.25 -2.41	20.99 1.29 -2.30	27.12 1.39 -7.37	27.48 1.50 -6.21	28.99 1.50 -7.20	32.37 1.91 -6.52	36.36 2.25 -3.74	34.43 2.17 -2.50	36.83 2.31 -2.87	32.51 1.81 -3.61	28.94 1.58 -4.80	24.45 1.39 -1.94	22.07 1.22 -0.83
TRINITY__115KV__4 BK 55933	18.29 0.38 0.00	16.79 0.38 0.00	15.84 0.39 0.00	14.78 0.39 0.00	15.01 0.37 0.00	15.64 0.38 0.00	17.37 0.38 -0.99	16.67 0.38 -1.09	16.76 0.37 -1.13	16.93 0.37 -0.29	16.60 0.33 0.00	16.75 0.36 0.00	17.73 0.33 0.00	18.80 0.44 0.00	20.20 0.43 0.00	20.79 0.51 0.00	25.68 0.65 -1.10	31.19 0.82 0.00	31.21 0.83 -0.61	32.56 0.92 0.00	27.68 0.60 0.00	23.04 0.47 0.00	21.47 0.36 0.00	20.28 0.26 0.00
UNION___PROCESSING_DRP 323587	18.18 0.27 0.00	16.69 0.28 0.00	15.67 0.22 0.00	14.60 0.20 0.00	14.86 0.22 0.00	15.41 0.15 0.00	16.15 0.11 -0.04	15.26 0.02 -0.04	15.27 -0.05 -0.05	16.15 -0.13 -0.01	16.24 -0.03 0.00	16.29 -0.10 0.00	17.36 -0.03 0.00	18.19 -0.17 0.00	19.61 -0.16 0.00	20.13 -0.16 0.00	23.84 -0.19 -0.10	30.13 -0.24 0.00	29.49 -0.33 -0.05	31.24 -0.41 0.00	27.17 0.08 0.00	22.63 0.07 0.00	21.07 -0.04 0.00	20.30 0.28 0.00
UPPER HUDSON___HYD 24058	19.09 1.18 0.00	17.46 1.05 0.00	16.48 1.02 0.00	15.37 0.96 -0.01	15.59 0.95 0.00	16.26 1.01 0.00	18.10 1.09 -1.01	17.35 1.03 -1.12	17.41 0.99 -1.16	17.61 1.04 -0.30	17.11 0.83 0.00	17.23 0.84 0.00	18.22 0.82 0.00	19.27 0.92 0.00	20.88 1.11 0.00	21.48 1.20 0.00	26.63 1.55 -1.14	32.53 2.16 0.00	32.57 2.17 -0.64	34.12 2.47 0.00	29.20 2.11 0.00	24.21 1.65 0.00	22.59 1.48 0.00	21.30 1.28 0.00
UPPER RAQUET___HYD 24056	17.16 -0.75 0.00	15.72 -0.69 0.00	14.79 -0.66 0.00	13.75 -0.65 0.00	14.00 -0.64 0.00	14.63 -0.63 0.00	15.42 -0.58 0.00	14.69 -0.52 0.00	14.76 -0.50 0.00	15.74 -0.52 0.00	15.75 -0.52 0.00	15.90 -0.49 0.00	16.84 -0.56 0.00	17.77 -0.59 0.00	19.20 -0.57 0.00	19.64 -0.65 0.00	23.10 -0.84 0.00	29.37 -1.00 0.00	28.84 -0.92 0.00	30.76 -0.89 0.00	26.22 -0.87 0.00	21.80 -0.77 0.00	20.48 -0.63 0.00	19.26 -0.76 0.00
VALLEY44_115KV_TB2 355964	18.02 0.11 0.00	16.54 0.13 0.00	15.60 0.14 0.00	14.51 0.12 0.00	14.78 0.13 0.00	15.26 0.00 0.00	15.56 -0.50 -0.06	14.74 -0.53 -0.07	14.78 -0.55 -0.07	15.96 -0.33 -0.02	16.10 -0.18 0.00	16.05 -0.34 0.00	17.09 -0.31 0.00	17.82 -0.53 0.00	19.16 -0.61 0.00	19.70 -0.59 0.00	22.74 -1.34 -0.14	29.43 -0.94 0.00	28.09 -1.76 -0.08	30.44 -1.20 0.00	26.57 -0.51 0.00	22.20 -0.36 0.00	20.56 -0.55 0.00	19.94 -0.08 0.00
VALLEY___115KV_TB 1-4 80826	17.91 0.00 0.00	16.43 0.02 0.00	15.47 0.02 0.00	14.44 0.04 0.00	14.69 0.04 0.00	15.30 0.05 0.00	16.06 0.06 0.00	15.28 0.08 0.00	15.37 0.11 0.00	16.38 0.11 0.00	16.36 0.08 0.00	16.47 0.08 0.00	17.50 0.10 0.00	18.46 0.11 0.00	19.89 0.12 0.00	20.41 0.12 0.00	24.13 0.19 0.00	30.65 0.27 0.00	30.03 0.27 0.00	31.93 0.28 0.00	27.36 0.27 0.00	22.84 0.27 0.00	21.30 0.19 0.00	20.20 0.18 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	18.72 0.81 0.00	17.13 0.72 0.00	16.09 0.63 0.00	14.97 0.58 0.00	15.26 0.62 0.00	15.88 0.63 0.00	16.77 0.64 -0.13	16.00 0.65 -0.14	16.07 0.66 -0.14	17.00 0.70 -0.04	16.96 0.68 0.00	17.08 0.69 0.00	18.18 0.78 0.00	19.16 0.81 0.00	20.60 0.83 0.00	21.14 0.85 0.00	25.51 1.27 -0.31	32.05 1.67 0.00	31.63 1.70 -0.17	33.48 1.84 0.00	28.69 1.60 0.00	23.94 1.38 0.00	22.21 1.10 0.00	21.00 0.98 0.00
VISCHER___FERRY HYD 24020	18.63 0.72 0.00	17.05 0.64 0.00	16.09 0.63 0.00	15.02 0.62 -0.01	15.24 0.60 0.00	15.88 0.63 0.00	17.67 0.67 -1.00	16.95 0.65 -1.10	17.01 0.61 -1.14	17.21 0.65 -0.29	16.84 0.57 0.00	16.98 0.59 0.00	17.97 0.57 0.00	19.03 0.68 0.00	20.52 0.75 0.00	21.12 0.83 0.00	26.13 1.08 -1.11	31.83 1.46 0.00	31.81 1.43 -0.62	33.17 1.52 0.00	28.28 1.19 0.00	23.49 0.93 0.00	21.89 0.78 0.00	20.68 0.66 0.00
V_A_10_SYNC_DSASP 323832	18.05 0.14 0.00	16.59 0.18 0.00	15.60 0.14 0.00	14.57 0.17 0.00	14.81 0.16 0.00	15.30 0.05 0.00	16.03 -0.02 -0.04	15.08 -0.17 -0.05	15.07 -0.24 -0.05	15.92 -0.36 -0.01	16.03 -0.24 0.00	16.05 -0.34 0.00	17.14 -0.26 0.00	17.97 -0.39 0.00	19.25 -0.51 0.00	19.80 -0.49 0.00	23.37 -0.67 -0.11	29.43 -0.94 0.00	28.87 -0.95 -0.06	30.57 -1.08 0.00	26.55 -0.54 0.00	22.20 -0.36 0.00	20.65 -0.46 0.00	20.08 0.06 0.00
V_CMM_10_SYNC_DSASP 323787	17.52 -0.39 0.00	16.05 -0.36 0.00	15.12 -0.34 0.00	14.06 -0.33 0.00	14.31 -0.34 0.00	14.93 -0.32 0.00	15.71 -0.29 0.00	14.93 -0.27 0.00	15.01 -0.26 0.00	16.00 -0.26 0.00	16.03 -0.24 0.00	16.16 -0.23 0.00	17.12 -0.28 0.00	18.08 -0.27 0.00	19.49 -0.28 0.00	20.02 -0.26 0.00	23.50 -0.43 0.00	29.83 -0.55 0.00	29.26 -0.51 0.00	31.17 -0.47 0.00	26.60 -0.49 0.00	22.13 -0.43 0.00	20.84 -0.28 0.00	19.66 -0.36 0.00
V_CMP_10_SYNC_DSASP 323788	17.70 -0.21 0.00	16.23 -0.18 0.00	15.27 -0.18 0.00	14.19 -0.20 0.00	14.48 -0.16 0.00	15.19 -0.06 0.00	16.05 0.05 0.00	15.28 0.08 0.00	15.42 0.15 0.00	16.51 0.24 0.00	16.58 0.31 0.00	16.75 0.36 0.00	17.71 0.31 0.00	18.72 0.37 0.00	20.26 0.49 0.00	20.84 0.55 0.00	24.46 0.53 0.00	31.13 0.76 0.00	30.51 0.74 0.00	32.57 0.92 0.00	27.68 0.60 0.00	22.97 0.41 0.00	21.58 0.46 0.00	20.24 0.22 0.00
V_E_10_SYNC_DSASP 323830	19.09 1.18 0.00	17.54 1.13 0.00	16.43 0.97 0.00	15.30 0.91 0.00	15.64 1.00 0.00	16.26 1.01 0.00	17.15 1.06 -0.10	16.36 1.05 -0.11	16.37 0.99 -0.11	17.29 0.99 -0.03	17.22 0.94 0.00	17.32 0.93 0.00	18.51 1.11 0.00	19.40 1.05 0.00	20.92 1.15 0.00	21.57 1.28 0.00	25.92 1.75 -0.24	32.93 2.55 0.00	32.51 2.62 -0.13	34.43 2.79 0.00	29.72 2.63 0.00	24.78 2.21 0.00	22.88 1.77 0.00	21.66 1.64 0.00
V_F_30_NSYNC___DSASP 323816	18.91 1.00 0.00	17.31 0.90 0.00	16.34 0.88 0.00	15.24 0.83 -0.01	15.46 0.82 0.00	16.12 0.87 0.00	17.92 0.91 -1.01	17.18 0.87 -1.11	17.26 0.84 -1.15	17.43 0.86 -0.30	17.04 0.77 0.00	17.18 0.79 0.00	18.18 0.78 0.00	19.27 0.92 0.00	20.84 1.07 0.00	21.44 1.16 0.00	26.53 1.46 -1.14	32.35 1.97 0.00	32.36 1.96 -0.64	33.83 2.18 0.00	28.85 1.76 0.00	23.94 1.38 0.00	22.29 1.18 0.00	21.04 1.02 0.00

V_F_30_SYNC_DSASP 323786	18.34 0.43 0.00	16.82 0.41 0.00	15.89 0.43 0.00	14.83 0.43 0.00	15.05 0.41 0.00	15.68 0.43 0.00	17.43 0.43 -1.00	16.72 0.43 -1.10	16.80 0.40 -1.14	16.98 0.42 -0.29	16.65 0.37 0.00	16.78 0.39 0.00	17.78 0.38 0.00	18.85 0.50 0.00	20.28 0.51 0.00	20.86 0.57 0.00	25.76 0.72 -1.11	31.32 0.94 0.00	31.33 0.95 -0.62	32.69 1.04 0.00	27.79 0.70 0.00	23.13 0.56 0.00	21.55 0.44 0.00	20.34 0.32 0.00
V_XM_10_SYNC_DSASP 323789	17.70 -0.21 0.00	16.23 -0.18 0.00	15.27 -0.18 0.00	14.19 -0.20 0.00	14.48 -0.16 0.00	15.19 -0.06 0.00	16.05 0.05 0.00	15.28 0.08 0.00	15.42 0.15 0.00	16.51 0.24 0.00	16.58 0.31 0.00	16.75 0.36 0.00	17.71 0.31 0.00	18.72 0.37 0.00	20.26 0.49 0.00	20.84 0.55 0.00	24.46 0.53 0.00	31.13 0.76 0.00	30.51 0.74 0.00	32.57 0.92 0.00	27.68 0.60 0.00	22.97 0.41 0.00	21.58 0.46 0.00	20.24 0.22 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	18.77 0.86 0.00	17.12 0.71 0.00	16.14 0.68 0.00	15.03 0.63 0.00	15.27 0.63 0.00	15.94 0.69 0.00	17.42 0.70 -0.72	16.69 0.70 -0.79	16.87 0.78 -0.82	17.32 0.85 -0.21	17.14 0.86 0.00	17.28 0.89 0.00	18.32 0.92 0.00	19.36 1.01 0.00	20.86 1.09 0.00	21.40 1.12 0.00	26.21 1.46 -0.82	32.05 1.67 0.00	31.82 1.61 -0.46	33.36 1.71 0.00	28.44 1.35 0.00	23.74 1.17 0.00	22.06 0.95 0.00	20.82 0.80 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	18.86 0.95 0.00	17.18 0.77 0.00	16.22 0.76 0.00	15.11 0.72 0.00	15.36 0.72 0.00	16.02 0.76 0.00	17.58 0.82 -0.77	16.84 0.79 -0.84	17.02 0.89 -0.87	17.50 1.01 -0.23	17.32 1.04 0.00	17.49 1.10 0.00	18.51 1.11 0.00	19.58 1.23 0.00	21.11 1.34 0.00	21.61 1.32 0.00	26.51 1.72 -0.85	32.23 1.85 0.00	32.00 1.76 -0.48	33.48 1.84 0.00	28.55 1.46 0.00	23.87 1.31 0.00	22.23 1.12 0.00	20.94 0.92 0.00
W50THST__13_KV_LOAD 356117	18.95 1.04 0.00	17.25 0.84 0.00	16.28 0.82 0.00	15.17 0.78 0.00	15.42 0.78 0.00	16.08 0.82 0.00	17.66 0.90 -0.77	16.91 0.87 -0.84	17.10 0.96 -0.87	17.58 1.09 -0.23	17.40 1.12 0.00	17.57 1.18 0.00	18.60 1.20 0.00	19.69 1.34 0.00	21.21 1.44 0.00	21.69 1.40 0.00	26.63 1.84 -0.85	32.35 1.97 0.00	32.14 1.90 -0.48	33.64 1.99 0.00	28.66 1.57 0.00	23.96 1.40 0.00	22.31 1.20 0.00	21.04 1.02 0.00
WADING RIVER_IC_1 23522	19.61 1.70 0.00	17.69 1.28 0.00	16.52 1.07 0.00	15.31 0.91 0.00	15.65 1.01 0.00	16.61 1.36 0.00	18.12 1.36 -0.77	17.40 1.35 -0.84	17.65 1.51 -0.87	18.18 1.69 -0.23	19.82 1.66 -1.89	20.49 1.69 -2.41	21.48 1.78 -2.30	27.67 1.94 -7.37	28.00 2.02 -6.21	29.54 2.05 -7.20	33.07 2.61 -6.52	37.40 3.28 -3.74	35.45 3.19 -2.50	37.88 3.35 -2.88	33.35 2.66 -3.61	29.64 2.28 -4.80	25.15 2.09 -1.94	22.75 1.90 -0.83
WADING RIVER_IC_2 23547	19.61 1.70 0.00	17.69 1.28 0.00	16.52 1.07 0.00	15.31 0.91 0.00	15.65 1.01 0.00	16.61 1.36 0.00	18.12 1.36 -0.77	17.40 1.35 -0.84	17.65 1.51 -0.87	18.18 1.69 -0.23	19.82 1.66 -1.89	20.49 1.69 -2.41	21.48 1.78 -2.30	27.67 1.94 -7.37	28.00 2.02 -6.21	29.54 2.05 -7.20	33.07 2.61 -6.52	37.40 3.28 -3.74	35.45 3.19 -2.50	37.88 3.35 -2.88	33.35 2.66 -3.61	29.64 2.28 -4.80	25.15 2.09 -1.94	22.75 1.90 -0.83
WADING RIVER_IC_3 23601	19.61 1.70 0.00	17.69 1.28 0.00	16.52 1.07 0.00	15.31 0.91 0.00	15.65 1.01 0.00	16.61 1.36 0.00	18.12 1.36 -0.77	17.40 1.35 -0.84	17.65 1.51 -0.87	18.18 1.69 -0.23	19.82 1.66 -1.89	20.49 1.69 -2.41	21.48 1.78 -2.30	27.67 1.94 -7.37	28.00 2.02 -6.21	29.54 2.05 -7.20	33.07 2.61 -6.52	37.40 3.28 -3.74	35.45 3.19 -2.50	37.88 3.35 -2.88	33.35 2.66 -3.61	29.64 2.28 -4.80	25.15 2.09 -1.94	22.75 1.90 -0.83
WALDENNY_12_KV_BK2 80841	18.34 0.43 0.00	16.84 0.43 0.00	15.83 0.37 0.00	14.75 0.36 0.00	15.02 0.38 0.00	15.51 0.26 0.00	16.05 0.00 -0.05	15.12 -0.14 -0.06	15.11 -0.21 -0.06	16.10 -0.18 -0.02	16.26 -0.02 0.00	16.24 -0.15 0.00	17.31 -0.09 0.00	18.08 -0.28 0.00	19.45 -0.32 0.00	20.00 -0.28 0.00	23.37 -0.69 -0.13	29.77 -0.61 0.00	28.76 -1.07 -0.07	30.79 -0.85 0.00	26.93 -0.16 0.00	22.50 -0.07 0.00	20.88 -0.23 0.00	20.34 0.32 0.00
WALDEN__HYDRO 24148	18.70 0.79 0.00	17.07 0.66 0.00	16.08 0.62 0.00	14.98 0.58 0.00	15.21 0.57 0.00	15.88 0.63 0.00	17.35 0.62 -0.73	16.61 0.61 -0.80	16.77 0.67 -0.83	17.21 0.73 -0.21	17.01 0.73 0.00	17.14 0.75 0.00	18.18 0.78 0.00	19.22 0.86 0.00	20.68 0.91 0.00	21.24 0.95 0.00	26.05 1.29 -0.82	31.92 1.55 0.00	31.71 1.49 -0.46	33.23 1.58 0.00	28.36 1.27 0.00	23.65 1.08 0.00	21.98 0.87 0.00	20.76 0.74 0.00
WARRENSBURG____ 23737	19.09 1.18 0.00	17.46 1.05 0.00	16.48 1.02 0.00	15.37 0.96 -0.01	15.59 0.95 0.00	16.26 1.01 0.00	18.10 1.09 -1.01	17.35 1.03 -1.12	17.41 0.99 -1.16	17.61 1.04 -0.30	17.11 0.83 0.00	17.23 0.84 0.00	18.22 0.82 0.00	19.27 0.92 0.00	20.88 1.11 0.00	21.48 1.20 0.00	26.63 1.55 -1.14	32.53 2.16 0.00	32.57 2.17 -0.64	34.12 2.47 0.00	29.20 2.11 0.00	24.21 1.65 0.00	22.59 1.48 0.00	21.30 1.28 0.00
WATERSIDE____6 8 9 23538	18.86 0.95 0.00	17.16 0.75 0.00	16.18 0.73 0.00	15.06 0.66 0.00	15.32 0.67 0.00	15.99 0.73 0.00	17.55 0.78 -0.77	16.81 0.76 -0.84	17.01 0.87 -0.87	17.48 0.99 -0.23	17.30 1.03 0.00	17.49 1.10 0.00	18.53 1.13 0.00	19.62 1.27 0.00	21.15 1.38 0.00	21.61 1.32 0.00	26.56 1.77 -0.85	32.23 1.85 0.00	32.05 1.82 -0.48	33.51 1.87 0.00	28.55 1.46 0.00	23.87 1.31 0.00	22.21 1.10 0.00	20.92 0.90 0.00
WATKINRD_115KV_LN8_ILLION 55919	17.97 0.05 0.00	16.46 0.05 0.00	15.52 0.06 0.00	14.45 0.06 0.00	14.72 0.07 0.00	15.32 0.06 0.00	16.08 0.08 0.00	15.28 0.08 0.00	15.36 0.09 0.00	16.36 0.10 0.00	16.34 0.07 0.00	16.46 0.07 0.00	17.49 0.09 0.00	18.45 0.09 0.00	19.85 0.08 0.00	20.39 0.10 0.00	24.10 0.17 0.00	30.59 0.21 0.00	29.97 0.21 0.00	31.90 0.25 0.00	27.31 0.22 0.00	22.79 0.23 0.00	21.26 0.15 0.00	20.16 0.14 0.00
WATSON____69_KV_BK 1 55734	19.60 1.68 0.00	17.69 1.28 0.00	16.52 1.07 0.00	15.32 0.92 0.00	15.65 1.01 0.00	16.60 1.34 0.00	18.14 1.38 -0.77	17.38 1.34 -0.84	17.62 1.48 -0.87	18.17 1.68 -0.23	19.84 1.68 -1.89	20.52 1.72 -2.41	21.49 1.79 -2.30	27.67 1.95 -7.37	28.04 2.06 -6.21	29.58 2.09 -7.20	33.09 2.63 -6.52	37.37 3.25 -3.74	35.42 3.15 -2.50	37.88 3.35 -2.87	33.38 2.68 -3.61	29.62 2.26 -4.80	25.17 2.11 -1.94	22.77 1.92 -0.83
WDELAWARE__HYD 323627	18.50 0.59 0.00	16.87 0.46 0.00	15.86 0.40 0.00	14.77 0.37 0.00	15.02 0.38 0.00	15.67 0.41 0.00	17.04 0.42 -0.63	16.29 0.39 -0.69	16.46 0.47 -0.72	16.94 0.49 -0.19	16.76 0.49 0.00	16.88 0.49 0.00	17.43 0.03 0.00	18.43 0.07 0.00	19.83 0.06 0.00	20.39 0.10 0.00	25.01 0.33 -0.74	30.68 0.30 0.00	30.50 0.33 -0.41	32.03 0.38 0.00	28.09 1.00 0.00	23.42 0.86 0.00	21.74 0.63 0.00	20.52 0.50 0.00

WEST BABYLON___IC 23714	19.49 1.58 0.00	17.59 1.18 0.00	16.45 0.99 0.00	15.26 0.86 0.00	15.58 0.94 0.00	16.49 1.24 0.00	18.03 1.26 -0.77	17.29 1.25 -0.84	17.53 1.39 -0.87	18.07 1.58 -0.23	19.76 1.59 -1.89	20.42 1.62 -2.41	21.39 1.69 -2.30	27.56 1.84 -7.37	27.94 1.96 -6.21	29.48 1.99 -7.20	32.97 2.51 -6.52	37.21 3.10 -3.74	35.27 3.01 -2.50	37.68 3.16 -2.87	33.22 2.52 -3.61	29.51 2.14 -4.80	25.02 1.96 -1.94	22.63 1.78 -0.83
WEST CANADA___HYD 24049	17.95 0.04 0.00	16.44 0.03 0.00	15.49 0.03 0.00	14.42 0.03 0.00	14.67 0.03 0.00	15.29 0.03 0.00	16.02 0.02 0.00	15.22 0.02 0.00	15.28 0.02 0.00	16.28 0.02 0.00	16.28 0.00 0.00	16.39 0.00 0.00	17.42 0.02 0.00	18.37 0.02 0.00	19.77 0.00 0.00	20.29 0.00 0.00	23.98 0.05 0.00	30.44 0.06 0.00	29.82 0.06 0.00	31.71 0.06 0.00	27.14 0.05 0.00	22.63 0.07 0.00	21.13 0.02 0.00	20.06 0.04 0.00
WESTERN_NY_WIND 24143	18.43 0.52 0.00	16.94 0.52 0.00	15.89 0.43 0.00	14.83 0.43 0.00	15.08 0.44 0.00	15.65 0.40 0.00	16.24 0.19 -0.05	15.32 0.06 -0.05	15.29 -0.03 -0.05	16.20 -0.08 -0.01	16.34 0.07 0.00	16.33 -0.07 0.00	17.49 0.09 0.00	18.34 -0.02 0.00	19.63 -0.14 0.00	20.21 -0.08 0.00	23.81 -0.24 -0.11	30.16 -0.21 0.00	29.50 -0.33 -0.06	31.30 -0.35 0.00	27.36 0.27 0.00	22.81 0.25 0.00	21.15 0.04 0.00	20.54 0.52 0.00
WESTOVER___LESR 323668	18.18 0.27 0.00	16.66 0.25 0.00	15.69 0.23 0.00	14.60 0.20 0.00	14.86 0.22 0.00	15.44 0.18 0.00	16.22 0.11 -0.11	15.41 0.09 -0.12	15.46 0.08 -0.12	16.39 0.10 -0.03	16.42 0.15 0.00	16.49 0.10 0.00	17.52 0.12 0.00	18.43 0.07 0.00	19.83 0.06 0.00	20.37 0.08 0.00	24.33 0.14 -0.25	30.71 0.33 0.00	30.08 0.18 -0.14	31.90 0.25 0.00	27.49 0.41 0.00	22.90 0.34 0.00	21.32 0.21 0.00	20.32 0.30 0.00
WETHRSFD_WT_PWR 323626	18.25 0.34 0.00	16.77 0.36 0.00	15.78 0.33 0.00	14.73 0.33 0.00	14.97 0.32 0.00	15.47 0.21 0.00	16.08 0.02 -0.06	15.18 -0.09 -0.07	15.17 -0.17 -0.07	16.14 -0.15 -0.02	16.28 0.00 0.00	16.26 -0.13 0.00	17.36 -0.03 0.00	18.21 -0.15 0.00	19.47 -0.30 0.00	20.06 -0.22 0.00	23.53 -0.55 -0.15	29.95 -0.43 0.00	29.13 -0.71 -0.08	30.86 -0.79 0.00	27.01 -0.08 0.00	22.56 0.00 0.00	20.94 -0.17 0.00	20.32 0.30 0.00
WHAVSTOR_138KV_BK127 55557	18.72 0.81 0.00	17.07 0.66 0.00	16.09 0.63 0.00	14.98 0.59 0.00	15.23 0.59 0.00	15.90 0.64 0.00	17.39 0.67 -0.72	16.65 0.65 -0.79	16.82 0.73 -0.82	17.29 0.81 -0.21	17.11 0.83 0.00	17.24 0.85 0.00	18.27 0.87 0.00	19.31 0.95 0.00	20.80 1.03 0.00	21.34 1.05 0.00	26.14 1.39 -0.82	31.92 1.55 0.00	31.74 1.52 -0.46	33.26 1.61 0.00	28.33 1.25 0.00	23.67 1.11 0.00	22.00 0.89 0.00	20.76 0.74 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	18.72 0.81 0.00	17.07 0.66 0.00	16.09 0.63 0.00	14.98 0.59 0.00	15.23 0.59 0.00	15.90 0.64 0.00	17.39 0.67 -0.72	16.65 0.65 -0.79	16.82 0.73 -0.82	17.29 0.81 -0.21	17.11 0.83 0.00	17.24 0.85 0.00	18.27 0.87 0.00	19.31 0.95 0.00	20.80 1.03 0.00	21.34 1.05 0.00	26.14 1.39 -0.82	31.92 1.55 0.00	31.74 1.52 -0.46	33.26 1.61 0.00	28.33 1.25 0.00	23.67 1.11 0.00	22.00 0.89 0.00	20.76 0.74 0.00
WHITEHAL_115KV_TB1 80871	19.36 1.45 0.00	17.69 1.28 0.00	16.71 1.25 0.00	15.57 1.18 0.00	15.82 1.17 0.00	16.49 1.24 0.00	18.29 1.28 -1.01	17.61 1.29 -1.12	17.66 1.24 -1.16	17.85 1.28 -0.30	17.35 1.07 0.00	17.46 1.07 0.00	18.43 1.03 0.00	19.55 1.19 0.00	21.23 1.46 0.00	21.87 1.58 0.00	27.13 2.06 -1.14	33.20 2.82 0.00	33.29 2.89 -0.64	34.97 3.32 0.00	29.77 2.68 0.00	24.71 2.14 0.00	22.99 1.88 0.00	21.64 1.62 0.00
WHITEPLN_13_KV_LOAD 356215	18.95 1.04 0.00	17.28 0.87 0.00	16.28 0.82 0.00	15.14 0.75 0.00	15.42 0.78 0.00	16.11 0.85 0.00	17.66 0.90 -0.76	16.92 0.88 -0.84	17.07 0.93 -0.87	17.55 1.06 -0.22	17.35 1.07 0.00	17.52 1.13 0.00	18.57 1.17 0.00	19.64 1.28 0.00	21.17 1.40 0.00	21.69 1.40 0.00	26.63 1.84 -0.85	32.53 2.16 0.00	32.35 2.11 -0.48	33.86 2.22 0.00	28.79 1.71 0.00	24.03 1.47 0.00	22.31 1.20 0.00	21.06 1.04 0.00
WM_FLOYD_69_KV_BK2 356380	19.60 1.68 0.00	17.67 1.26 0.00	16.51 1.05 0.00	15.29 0.89 0.00	15.62 0.98 0.00	16.58 1.33 0.00	18.13 1.36 -0.77	17.38 1.34 -0.84	17.62 1.48 -0.87	18.15 1.66 -0.23	19.79 1.63 -1.89	20.46 1.66 -2.41	21.43 1.72 -2.30	27.63 1.91 -7.37	27.94 1.96 -6.21	29.50 2.01 -7.20	33.00 2.54 -6.52	37.28 3.16 -3.75	35.36 3.10 -2.51	37.82 3.29 -2.88	33.27 2.57 -3.61	29.60 2.23 -4.80	25.10 2.05 -1.94	22.71 1.86 -0.83
WOODARD__115KV_TB2 355635	17.89 -0.02 0.00	16.39 -0.02 0.00	15.43 -0.03 0.00	14.37 -0.03 0.00	14.63 -0.01 0.00	15.21 -0.05 0.00	15.98 -0.05 -0.03	15.18 -0.06 -0.03	15.22 -0.08 -0.03	16.16 -0.11 -0.01	16.19 -0.08 0.00	16.29 -0.10 0.00	17.31 -0.09 0.00	18.24 -0.11 0.00	19.63 -0.14 0.00	20.13 -0.16 0.00	23.86 -0.14 -0.07	30.25 -0.12 0.00	29.68 -0.12 -0.04	31.49 -0.16 0.00	27.09 0.00 0.00	22.54 -0.02 0.00	21.05 -0.06 0.00	20.04 0.02 0.00
YORK___WARBASSE 23770	18.79 0.88 0.00	17.10 0.69 0.00	16.03 0.57 0.00	14.99 0.60 0.00	15.25 0.62 0.00	15.91 0.66 0.00	17.48 0.72 -0.76	16.76 0.71 -0.84	16.96 0.82 -0.87	17.45 0.96 -0.22	17.28 1.01 0.00	17.47 1.08 0.00	18.53 1.13 0.00	19.62 1.27 0.00	21.15 1.38 0.00	21.60 1.32 0.00	26.56 1.77 -0.85	32.31 1.94 0.01	32.14 1.90 -0.47	33.60 1.96 0.01	28.52 1.44 0.00	23.85 1.29 0.00	22.16 1.06 0.00	20.88 0.86 0.00