

Day Ahead Market Generator LBMP

--- LBMP \$		--- Marginal Cost of Losses														--- Marginal Cost of Congestion										06/18/2023	
Generator Data		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		
Name	PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT		
59TH STREET_GT_1	24138	19.77	17.80	17.63	15.88	15.73	15.66	15.39	16.22	17.78	18.88	19.90	20.19	20.46	21.21	21.45	23.11	27.74	31.68	33.18	30.84	28.18	26.35	24.21	21.97		
		1.36	1.16	1.08	0.96	0.89	0.84	0.98	1.05	1.21	1.32	1.58	1.65	1.62	1.82	1.81	1.89	2.41	2.75	2.77	2.55	2.04	2.00	1.90	1.65		
		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		
74TH STREET_GT_1	24260	19.75	17.80	17.63	15.88	15.73	15.69	15.39	16.24	17.76	18.86	19.77	20.21	20.44	21.19	21.45	23.15	27.74	31.71	33.18	30.87	28.18	26.35	24.23	21.99		
		1.34	1.16	1.08	0.96	0.89	0.87	0.98	1.06	1.19	1.30	1.45	1.67	1.60	1.80	1.81	1.93	2.41	2.78	2.77	2.57	2.04	2.00	1.92	1.67		
		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		
74TH STREET_GT_2	24261	19.75	17.80	17.63	15.88	15.73	15.69	15.39	16.24	17.76	18.86	19.77	20.21	20.44	21.19	21.45	23.15	27.74	31.71	33.18	30.87	28.18	26.35	24.23	21.99		
		1.34	1.16	1.08	0.96	0.89	0.87	0.98	1.06	1.19	1.30	1.45	1.67	1.60	1.80	1.81	1.93	2.41	2.78	2.77	2.57	2.04	2.00	1.92	1.67		
		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		
ADK HUDSON___FALLS	24011	19.92	17.93	17.83	16.09	15.98	16.01	15.58	16.39	17.91	18.98	19.68	20.00	20.27	20.90	20.96	22.72	26.81	30.67	32.51	30.33	27.99	26.05	23.85	21.69		
		1.51	1.30	1.27	1.16	1.14	1.19	1.17	1.21	1.34	1.42	1.36	1.46	1.43	1.51	1.32	1.51	1.47	1.74	2.10	2.04	1.86	1.70	1.54	1.36		
		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		
ADK RESOURCE___RCVRY	23798	20.08	18.05	17.95	16.19	16.10	16.11	15.69	16.51	18.04	19.12	19.90	20.11	20.40	21.03	21.08	22.87	26.96	30.84	32.72	30.56	28.20	26.22	24.01	21.81		
		1.67	1.41	1.39	1.27	1.26	1.29	1.28	1.34	1.47	1.56	1.58	1.57	1.56	1.65	1.43	1.66	1.62	1.91	2.31	2.26	2.06	1.88	1.69	1.48		
		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		
ADK S GLENS___FALLS	24028	19.92	17.93	17.83	16.09	15.98	16.01	15.58	16.39	17.91	18.98	19.68	20.00	20.27	20.90	20.96	22.72	26.81	30.67	32.51	30.33	27.99	26.05	23.85	21.69		
		1.51	1.30	1.27	1.16	1.14	1.19	1.17	1.21	1.34	1.42	1.36	1.46	1.43	1.51	1.32	1.51	1.47	1.74	2.10	2.04	1.86	1.70	1.54	1.36		
		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		
ADK_NYS___DAM	23527	19.38	17.52	17.41	15.67	15.57	15.55	15.16	15.94	17.46	18.47	19.33	19.56	19.88	20.47	20.61	22.26	26.53	30.38	31.99	29.85	27.47	25.61	23.51	21.36		
		0.97	0.88	0.86	0.75	0.73	0.73	0.75	0.76	0.89	0.91	1.01	1.02	1.04	1.08	0.96	1.04	1.19	1.45	1.58	1.56	1.33	1.27	1.20	1.04		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
AIR_PRODUCTS___DRP	24190	18.81	17.03	17.08	15.43	15.30	15.26	14.86	15.63	16.98	17.96	18.75	19.07	19.35	19.95	20.14	21.69	25.89	29.62	31.14	29.00	26.69	24.88	22.82	20.81		
		0.40	0.40	0.53	0.51	0.46	0.44	0.45	0.46	0.41	0.40	0.42	0.54	0.51	0.56	0.49	0.47	0.56	0.69	0.73	0.71	0.55	0.54	0.51	0.49		
		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		
AKWESSNE_115KV_BK	355683	17.91	16.22	16.16	14.58	14.52	14.49	14.11	14.87	16.21	17.19	17.96	18.04	18.33	18.84	19.11	20.60	24.60	28.15	29.62	27.56	25.49	23.74	21.73	19.78		
		-0.50	-0.42	-0.40	-0.34	-0.33	-0.33	-0.30	-0.30	-0.36	-0.37	-0.37	-0.50	-0.51	-0.54	-0.53	-0.62	-0.73	-0.78	-0.79	-0.74	-0.65	-0.61	-0.58	-0.55		
		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	18.81	17.03	17.08	15.43	15.30	15.26	14.86	15.63	16.98	17.96	18.75	19.07	19.35	19.95	20.14	21.69	25.89	29.62	31.14	29.00	26.69	24.88	22.82	20.81		
		0.40	0.40	0.53	0.51	0.46	0.44	0.45	0.46	0.41	0.40	0.42	0.54	0.51	0.56	0.49	0.47	0.56	0.69	0.73	0.71	0.55	0.54	0.51	0.49		
		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___2	23572	18.81	17.03	17.08	15.43	15.30	15.26	14.86	15.63	16.98	17.96	18.75	19.07	19.35	19.95	20.14	21.69	25.89	29.62	31.14	29.00	26.69	24.88	22.82	20.81		
		0.40	0.40	0.53	0.51	0.46	0.44	0.45	0.46	0.41	0.40	0.42	0.54	0.51	0.56	0.49	0.47	0.56	0.69	0.73	0.71	0.55	0.54	0.51	0.49		
		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___3	23573	18.81	17.03	17.08	15.43	15.30	15.26	14.86	15.63	16.98	17.96	18.75	19.07	19.35	19.95	20.14	21.69	25.89	29.62	31.14	29.00	26.69	24.88	22.82	20.81		
		0.40	0.40	0.53	0.51	0.46	0.44	0.45	0.46	0.41	0.40	0.42	0.54	0.51	0.56	0.49	0.47	0.56	0.69	0.73	0.71	0.55	0.54	0.51	0.49		
		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___4 23574	18.81 0.40 0.00	17.03 0.40 0.00	17.08 0.53 0.00	15.43 0.51 0.00	15.30 0.46 0.00	15.26 0.44 0.00	14.86 0.45 0.00	15.63 0.46 0.00	16.98 0.41 0.00	17.96 0.40 0.00	18.75 0.42 0.00	19.07 0.54 0.00	19.35 0.51 0.00	19.95 0.56 0.00	20.14 0.49 0.00	21.69 0.47 0.00	25.89 0.56 0.00	29.62 0.69 0.00	31.14 0.73 0.00	29.00 0.71 0.00	26.69 0.55 0.00	24.88 0.54 0.00	22.82 0.51 0.00	20.81 0.49 0.00
ALBANY___LFGE 323615	19.00 0.59 0.00	17.18 0.55 0.00	17.20 0.64 0.00	15.54 0.61 0.00	15.41 0.56 0.00	15.37 0.55 0.00	14.97 0.56 0.00	15.74 0.56 0.00	17.13 0.56 0.00	18.14 0.58 0.00	19.00 0.68 0.00	19.24 0.70 0.00	19.54 0.70 0.00	20.14 0.76 0.00	20.33 0.69 0.00	21.90 0.68 0.00	26.17 0.83 0.00	29.91 0.98 0.00	31.47 1.06 0.00	29.31 1.02 0.00	26.97 0.84 0.00	25.15 0.80 0.00	23.07 0.76 0.00	21.02 0.69 0.00
ALCOA_PA_115KV_PL-6C 55860	17.97 -0.44 0.00	16.25 -0.38 0.00	16.19 -0.36 0.00	14.61 -0.31 0.00	14.56 -0.28 0.00	14.54 -0.28 0.00	14.15 -0.26 0.00	14.90 -0.27 0.00	16.26 -0.31 0.00	17.24 -0.32 0.00	18.01 -0.31 0.00	18.09 -0.44 0.00	18.39 -0.45 0.00	18.88 -0.50 0.00	19.17 -0.47 0.00	20.65 -0.57 0.00	24.68 -0.66 0.00	28.24 -0.69 0.00	29.71 -0.70 0.00	27.67 -0.62 0.00	25.59 -0.55 0.00	23.86 -0.49 0.00	21.84 -0.47 0.00	19.88 -0.45 0.00
ALCOA_RYNLDS___DRP 24188	17.97 -0.44 0.00	16.25 -0.38 0.00	16.19 -0.36 0.00	14.61 -0.31 0.00	14.56 -0.28 0.00	14.54 -0.28 0.00	14.15 -0.26 0.00	14.90 -0.27 0.00	16.26 -0.31 0.00	17.24 -0.32 0.00	18.01 -0.31 0.00	18.09 -0.44 0.00	18.39 -0.45 0.00	18.88 -0.50 0.00	19.17 -0.47 0.00	20.65 -0.57 0.00	24.68 -0.66 0.00	28.24 -0.69 0.00	29.71 -0.70 0.00	27.67 -0.62 0.00	25.59 -0.55 0.00	23.86 -0.49 0.00	21.84 -0.47 0.00	19.88 -0.45 0.00
ALCOA___DSASP 323711	17.97 -0.44 0.00	16.25 -0.38 0.00	16.19 -0.36 0.00	14.61 -0.31 0.00	14.56 -0.28 0.00	14.54 -0.28 0.00	14.15 -0.26 0.00	14.90 -0.27 0.00	16.25 -0.32 0.00	17.24 -0.32 0.00	17.87 -0.46 0.00	18.07 -0.46 0.00	18.39 -0.45 0.00	18.88 -0.50 0.00	19.17 -0.47 0.00	20.65 -0.57 0.00	24.68 -0.66 0.00	28.24 -0.69 0.00	29.71 -0.70 0.00	27.67 -0.62 0.00	25.59 -0.55 0.00	23.86 -0.49 0.00	21.84 -0.47 0.00	19.90 -0.43 0.00
ALLEGHENY___COGEN 23514	19.36 0.96 0.00	17.38 0.75 0.00	17.18 0.63 0.00	15.49 0.57 0.00	15.49 0.65 0.00	15.59 0.77 0.00	14.89 0.47 0.00	15.42 0.24 0.00	16.40 -0.17 0.00	17.24 -0.32 0.00	17.90 -0.42 0.00	18.15 -0.39 0.00	18.46 -0.38 0.00	19.12 -0.27 0.00	19.57 -0.08 0.00	21.24 0.02 0.00	25.41 0.08 0.00	29.25 0.32 0.00	31.20 0.79 0.00	29.54 1.24 0.00	27.65 1.52 0.00	25.76 1.41 0.00	23.54 1.23 0.00	21.52 1.20 0.00
ALTAMONT_115KV_TB 2 55880	19.05 0.64 0.00	17.22 0.58 0.00	17.18 0.63 0.00	15.49 0.57 0.00	15.38 0.53 0.00	15.35 0.53 0.00	14.94 0.53 0.00	15.72 0.55 0.00	17.15 0.58 0.00	18.15 0.60 0.00	18.95 0.62 0.00	19.28 0.74 0.00	19.56 0.72 0.00	20.16 0.78 0.00	20.37 0.73 0.00	22.00 0.79 0.00	26.27 0.94 0.00	30.03 1.10 0.00	31.60 1.19 0.00	29.40 1.10 0.00	27.08 0.94 0.00	25.25 0.90 0.00	23.16 0.85 0.00	21.10 0.77 0.00
ALTONA_WT_PWR 323606	18.22 -0.18 0.00	16.50 -0.13 0.00	16.46 -0.10 0.00	14.85 -0.07 0.00	14.81 -0.03 0.00	14.78 -0.04 0.00	14.38 -0.03 0.00	15.16 -0.02 0.00	16.55 -0.02 0.00	17.58 0.02 0.00	18.23 -0.09 0.00	18.44 -0.09 0.00	18.75 -0.09 0.00	19.25 -0.13 0.00	19.59 -0.06 0.00	21.05 -0.17 0.00	25.18 -0.15 0.00	28.93 0.00 0.00	30.41 0.00 0.00	28.32 0.03 0.00	26.14 0.00 0.00	24.37 0.02 0.00	22.22 -0.09 0.00	20.27 -0.06 0.00
AMERICAN_REF_FUEL 24010	18.63 0.22 0.00	16.70 0.07 0.00	16.52 -0.03 0.00	14.96 0.03 0.00	14.83 -0.01 0.00	14.91 0.09 0.00	14.38 -0.03 0.00	15.06 -0.12 0.00	16.14 -0.43 0.00	17.10 -0.46 0.00	17.83 -0.49 0.00	18.11 -0.43 0.00	18.39 -0.45 0.00	19.00 -0.39 0.00	19.47 -0.18 0.00	21.11 -0.11 0.00	24.98 -0.35 0.00	28.27 -0.66 0.00	29.62 -0.79 0.00	27.70 -0.60 0.00	25.80 -0.34 0.00	24.08 -0.27 0.00	22.02 -0.29 0.00	20.35 0.02 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	19.31 0.90 0.00	17.30 0.67 0.00	17.12 0.56 0.00	15.48 0.55 0.00	15.46 0.62 0.00	15.56 0.74 0.00	14.97 0.56 0.00	15.72 0.55 0.00	16.97 0.40 0.00	17.98 0.42 0.00	18.75 0.42 0.00	19.02 0.48 0.00	19.35 0.51 0.00	20.03 0.64 0.00	20.53 0.88 0.00	22.24 1.02 0.00	26.35 1.01 0.00	29.80 0.87 0.00	31.23 0.82 0.00	29.14 0.85 0.00	27.19 1.05 0.00	25.37 1.02 0.00	23.16 0.85 0.00	21.30 0.98 0.00
ARTHUR_KILL_GT_1 23520	19.78 1.36 -0.01	17.79 1.15 -0.01	17.64 1.08 -0.01	15.88 0.94 -0.01	15.73 0.88 -0.01	15.63 0.81 0.00	15.36 0.94 -0.01	16.15 0.97 0.00	17.60 1.03 0.00	18.68 1.12 0.00	19.77 1.45 0.00	20.07 1.54 0.00	20.31 1.47 0.00	21.13 1.75 0.00	21.40 1.75 -0.01	23.07 1.85 -0.01	27.72 2.38 -0.01	31.58 2.66 0.01	33.11 2.71 0.01	30.78 2.49 0.01	28.10 1.96 0.00	26.38 2.02 -0.01	24.21 1.90 0.00	21.99 1.67 0.00
ARTHUR_KILL_2 23512	19.74 1.33 -0.01	17.76 1.11 -0.01	17.61 1.04 -0.01	15.85 0.91 -0.01	15.70 0.85 -0.01	15.60 0.78 0.00	15.31 0.89 -0.01	16.10 0.93 0.00	17.56 0.99 0.00	18.65 1.09 0.00	19.72 1.39 0.00	20.02 1.48 0.00	20.25 1.41 0.00	21.07 1.69 0.00	21.34 1.69 -0.01	23.01 1.78 -0.01	27.65 2.31 -0.01	31.50 2.57 0.01	33.02 2.62 0.01	30.66 2.38 0.01	28.02 1.88 0.00	26.31 1.95 -0.01	24.14 1.83 0.00	21.93 1.61 0.00
ARTHUR_KILL_3 23513	19.62 1.21 0.00	17.65 1.01 0.00	17.50 0.94 0.00	15.76 0.84 0.00	15.60 0.76 0.00	15.55 0.73 0.00	15.26 0.85 0.00	16.10 0.93 0.00	17.63 1.06 0.00	18.72 1.16 0.00	19.75 1.43 0.00	20.04 1.50 0.00	20.33 1.49 0.00	21.05 1.67 0.00	21.31 1.67 0.00	22.94 1.72 0.00	27.54 2.20 0.00	31.39 2.46 0.00	32.87 2.46 0.00	30.56 2.26 0.00	27.94 1.80 0.00	26.13 1.78 0.00	24.03 1.72 0.00	21.81 1.48 0.00
ARTHUR_KILL_COGEN 323718	19.78 1.36 -0.01	17.79 1.15 -0.01	17.64 1.08 -0.01	15.88 0.94 -0.01	15.73 0.88 -0.01	15.63 0.81 0.00	15.36 0.94 -0.01	16.15 0.97 0.00	17.60 1.03 0.00	18.68 1.12 0.00	19.77 1.45 0.00	20.07 1.54 0.00	20.31 1.47 0.00	21.13 1.75 0.00	21.40 1.75 -0.01	23.07 1.85 -0.01	27.72 2.38 -0.01	31.58 2.66 0.01	33.11 2.71 0.01	30.78 2.49 0.01	28.10 1.96 0.00	26.38 2.02 -0.01	24.21 1.90 0.00	21.99 1.67 0.00
ASHOKAN____ 23654	19.31 0.90 0.00	17.38 0.75 0.00	17.35 0.79 0.00	15.64 0.72 0.00	15.49 0.65 0.00	15.41 0.59 0.00	15.02 0.61 0.00	15.77 0.59 0.00	17.17 0.60 0.00	18.08 0.53 0.00	18.96 0.64 0.00	19.19 0.65 0.00	19.46 0.62 0.00	20.12 0.74 0.00	20.31 0.67 0.00	21.98 0.76 0.00	26.42 1.09 0.00	30.35 1.42 0.00	32.14 1.73 0.00	29.85 1.56 0.00	27.47 1.33 0.00	25.71 1.36 0.00	23.49 1.18 0.00	21.38 1.06 0.00

ASTORIA_EAST_ENERGY_CC1 323581	19.70 1.29 -0.01	17.74 1.10 -0.01	17.59 1.03 -0.01	15.88 0.94 -0.01	15.73 0.88 -0.01	15.68 0.86 0.00	15.37 0.95 -0.01	16.16 0.99 0.00	17.59 1.03 0.01	18.66 1.11 0.01	19.70 1.37 0.00	20.00 1.46 0.00	20.23 1.39 0.00	21.05 1.67 0.00	21.32 1.67 -0.01	22.97 1.74 -0.01	27.47 2.13 -0.01	31.34 2.40 -0.01	32.85 2.43 -0.01	30.54 2.23 -0.01	27.86 1.72 0.00	26.18 1.83 -0.01	24.21 1.90 0.00	21.97 1.65 0.00
ASTORIA_EAST_ENERGY_CC2 323582	19.70 1.29 -0.01	17.74 1.10 -0.01	17.59 1.03 -0.01	15.88 0.94 -0.01	15.73 0.88 -0.01	15.68 0.86 0.00	15.37 0.95 -0.01	16.16 0.99 0.00	17.59 1.03 0.01	18.66 1.11 0.01	19.70 1.37 0.00	20.00 1.46 0.00	20.23 1.39 0.00	21.05 1.67 0.00	21.32 1.67 -0.01	22.97 1.74 -0.01	27.47 2.13 -0.01	31.34 2.40 -0.01	32.85 2.43 -0.01	30.54 2.23 -0.01	27.86 1.72 0.00	26.18 1.83 -0.01	24.21 1.90 0.00	21.97 1.65 0.00
ASTORIA_GT2_1 24094	19.70 1.29 0.00	17.75 1.11 0.00	17.58 1.03 0.00	15.87 0.94 0.00	15.72 0.88 0.00	15.69 0.87 0.00	15.38 0.97 0.00	16.18 1.00 0.00	17.61 1.04 0.00	18.66 1.11 0.00	19.59 1.26 0.00	20.08 1.54 0.00	20.23 1.39 0.00	21.07 1.69 0.00	21.32 1.67 0.00	23.00 1.78 0.00	27.49 2.15 0.00	31.39 2.46 0.00	32.87 2.46 0.00	30.56 2.26 0.00	27.86 1.73 0.00	26.20 1.85 0.00	24.21 1.90 0.00	21.99 1.67 0.00
ASTORIA_GT2_2 24095	19.70 1.29 0.00	17.75 1.11 0.00	17.58 1.03 0.00	15.87 0.94 0.00	15.72 0.88 0.00	15.69 0.87 0.00	15.38 0.97 0.00	16.18 1.00 0.00	17.61 1.04 0.00	18.66 1.11 0.00	19.59 1.26 0.00	20.08 1.54 0.00	20.23 1.39 0.00	21.07 1.69 0.00	21.32 1.67 0.00	23.00 1.78 0.00	27.49 2.15 0.00	31.39 2.46 0.00	32.87 2.46 0.00	30.56 2.26 0.00	27.86 1.73 0.00	26.20 1.85 0.00	24.21 1.90 0.00	21.99 1.67 0.00
ASTORIA_GT2_3 24096	19.70 1.29 0.00	17.75 1.11 0.00	17.58 1.03 0.00	15.87 0.94 0.00	15.72 0.88 0.00	15.69 0.87 0.00	15.38 0.97 0.00	16.18 1.00 0.00	17.61 1.04 0.00	18.66 1.11 0.00	19.59 1.26 0.00	20.08 1.54 0.00	20.23 1.39 0.00	21.07 1.69 0.00	21.32 1.67 0.00	23.00 1.78 0.00	27.49 2.15 0.00	31.39 2.46 0.00	32.87 2.46 0.00	30.56 2.26 0.00	27.86 1.73 0.00	26.20 1.85 0.00	24.21 1.90 0.00	21.99 1.67 0.00
ASTORIA_GT2_4 24097	19.70 1.29 0.00	17.75 1.11 0.00	17.58 1.03 0.00	15.87 0.94 0.00	15.72 0.88 0.00	15.69 0.87 0.00	15.38 0.97 0.00	16.18 1.00 0.00	17.61 1.04 0.00	18.66 1.11 0.00	19.59 1.26 0.00	20.08 1.54 0.00	20.23 1.39 0.00	21.07 1.69 0.00	21.32 1.67 0.00	23.00 1.78 0.00	27.49 2.15 0.00	31.39 2.46 0.00	32.87 2.46 0.00	30.56 2.26 0.00	27.86 1.73 0.00	26.20 1.85 0.00	24.21 1.90 0.00	21.99 1.67 0.00
ASTORIA_GT3_1 24098	19.70 1.29 0.00	17.75 1.11 0.00	17.58 1.03 0.00	15.87 0.94 0.00	15.72 0.88 0.00	15.69 0.87 0.00	15.38 0.97 0.00	16.18 1.00 0.00	17.61 1.04 0.00	18.66 1.11 0.00	19.59 1.26 0.00	20.08 1.54 0.00	20.23 1.39 0.00	21.07 1.69 0.00	21.32 1.67 0.00	23.00 1.78 0.00	27.49 2.15 0.00	31.39 2.46 0.00	32.87 2.46 0.00	30.56 2.26 0.00	27.86 1.73 0.00	26.20 1.85 0.00	24.21 1.90 0.00	21.99 1.67 0.00
ASTORIA_GT3_2 24099	19.70 1.29 0.00	17.75 1.11 0.00	17.58 1.03 0.00	15.87 0.94 0.00	15.72 0.88 0.00	15.69 0.87 0.00	15.38 0.97 0.00	16.18 1.00 0.00	17.61 1.04 0.00	18.66 1.11 0.00	19.59 1.26 0.00	20.08 1.54 0.00	20.23 1.39 0.00	21.07 1.69 0.00	21.32 1.67 0.00	23.00 1.78 0.00	27.49 2.15 0.00	31.39 2.46 0.00	32.87 2.46 0.00	30.56 2.26 0.00	27.86 1.73 0.00	26.20 1.85 0.00	24.21 1.90 0.00	21.99 1.67 0.00
ASTORIA_GT3_3 24100	19.70 1.29 0.00	17.75 1.11 0.00	17.58 1.03 0.00	15.87 0.94 0.00	15.72 0.88 0.00	15.69 0.87 0.00	15.38 0.97 0.00	16.18 1.00 0.00	17.61 1.04 0.00	18.66 1.11 0.00	19.59 1.26 0.00	20.08 1.54 0.00	20.23 1.39 0.00	21.07 1.69 0.00	21.32 1.67 0.00	23.00 1.78 0.00	27.49 2.15 0.00	31.39 2.46 0.00	32.87 2.46 0.00	30.56 2.26 0.00	27.86 1.73 0.00	26.20 1.85 0.00	24.21 1.90 0.00	21.99 1.67 0.00
ASTORIA_GT3_4 24101	19.70 1.29 0.00	17.75 1.11 0.00	17.58 1.03 0.00	15.87 0.94 0.00	15.72 0.88 0.00	15.69 0.87 0.00	15.38 0.97 0.00	16.18 1.00 0.00	17.61 1.04 0.00	18.66 1.11 0.00	19.59 1.26 0.00	20.08 1.54 0.00	20.23 1.39 0.00	21.07 1.69 0.00	21.32 1.67 0.00	23.00 1.78 0.00	27.49 2.15 0.00	31.39 2.46 0.00	32.87 2.46 0.00	30.56 2.26 0.00	27.86 1.73 0.00	26.20 1.85 0.00	24.21 1.90 0.00	21.99 1.67 0.00
ASTORIA_GT4_1 24102	19.70 1.29 0.00	17.75 1.11 0.00	17.58 1.03 0.00	15.87 0.94 0.00	15.72 0.88 0.00	15.69 0.87 0.00	15.38 0.97 0.00	16.18 1.00 0.00	17.61 1.04 0.00	18.66 1.11 0.00	19.59 1.26 0.00	20.08 1.54 0.00	20.23 1.39 0.00	21.07 1.69 0.00	21.32 1.67 0.00	23.00 1.78 0.00	27.49 2.15 0.00	31.39 2.46 0.00	32.87 2.46 0.00	30.56 2.26 0.00	27.86 1.73 0.00	26.20 1.85 0.00	24.21 1.90 0.00	21.99 1.67 0.00
ASTORIA_GT4_2 24103	19.70 1.29 0.00	17.75 1.11 0.00	17.58 1.03 0.00	15.87 0.94 0.00	15.72 0.88 0.00	15.69 0.87 0.00	15.38 0.97 0.00	16.18 1.00 0.00	17.61 1.04 0.00	18.66 1.11 0.00	19.59 1.26 0.00	20.08 1.54 0.00	20.23 1.39 0.00	21.07 1.69 0.00	21.32 1.67 0.00	23.00 1.78 0.00	27.49 2.15 0.00	31.39 2.46 0.00	32.87 2.46 0.00	30.56 2.26 0.00	27.86 1.73 0.00	26.20 1.85 0.00	24.21 1.90 0.00	21.99 1.67 0.00
ASTORIA_GT4_3 24104	19.70 1.29 0.00	17.75 1.11 0.00	17.58 1.03 0.00	15.87 0.94 0.00	15.72 0.88 0.00	15.69 0.87 0.00	15.38 0.97 0.00	16.18 1.00 0.00	17.61 1.04 0.00	18.66 1.11 0.00	19.59 1.26 0.00	20.08 1.54 0.00	20.23 1.39 0.00	21.07 1.69 0.00	21.32 1.67 0.00	23.00 1.78 0.00	27.49 2.15 0.00	31.39 2.46 0.00	32.87 2.46 0.00	30.56 2.26 0.00	27.86 1.73 0.00	26.20 1.85 0.00	24.21 1.90 0.00	21.99 1.67 0.00
ASTORIA_GT4_4 24105	19.70 1.29 0.00	17.75 1.11 0.00	17.58 1.03 0.00	15.87 0.94 0.00	15.72 0.88 0.00	15.69 0.87 0.00	15.38 0.97 0.00	16.18 1.00 0.00	17.61 1.04 0.00	18.66 1.11 0.00	19.59 1.26 0.00	20.08 1.54 0.00	20.23 1.39 0.00	21.07 1.69 0.00	21.32 1.67 0.00	23.00 1.78 0.00	27.49 2.15 0.00	31.39 2.46 0.00	32.87 2.46 0.00	30.56 2.26 0.00	27.86 1.73 0.00	26.20 1.85 0.00	24.21 1.90 0.00	21.99 1.67 0.00
ASTORIA_GT_1 23523	19.74 1.33 -0.01	17.77 1.13 -0.01	17.62 1.06 -0.01	15.89 0.96 -0.01	15.74 0.89 -0.01	15.69 0.87 0.00	15.40 0.98 -0.01	16.19 1.02 0.00	17.62 1.06 0.01	18.69 1.14 0.01	19.73 1.41 0.00	20.04 1.50 0.00	20.27 1.43 0.00	21.09 1.71 0.00	21.36 1.71 -0.01	23.01 1.78 -0.01	27.55 2.20 -0.01	31.43 2.49 -0.01	32.94 2.52 -0.01	30.62 2.32 -0.01	27.92 1.78 0.00	26.23 1.88 -0.01	24.25 1.94 0.00	22.01 1.69 0.00

ASTORIA_GT_10 24110	19.71 1.31 0.00	17.77 1.13 0.00	17.61 1.06 0.00	15.87 0.94 0.00	15.72 0.88 0.00	15.66 0.84 0.00	15.36 0.95 0.00	16.19 1.02 0.00	17.68 1.11 0.00	18.75 1.19 0.00	19.68 1.36 0.00	20.15 1.61 0.00	20.35 1.51 0.00	21.13 1.74 0.00	21.39 1.75 0.00	23.09 1.87 0.00	27.64 2.31 0.00	31.59 2.66 0.00	33.06 2.65 0.00	30.76 2.46 0.00	28.02 1.88 0.00	26.27 1.92 0.00	24.16 1.85 0.00	21.95 1.63 0.00
ASTORIA_GT_11 24225	19.71 1.31 0.00	17.77 1.13 0.00	17.61 1.06 0.00	15.87 0.94 0.00	15.72 0.88 0.00	15.66 0.84 0.00	15.36 0.95 0.00	16.19 1.02 0.00	17.68 1.11 0.00	18.75 1.19 0.00	19.68 1.36 0.00	20.15 1.61 0.00	20.35 1.51 0.00	21.13 1.74 0.00	21.39 1.75 0.00	23.09 1.87 0.00	27.64 2.31 0.00	31.59 2.66 0.00	33.06 2.65 0.00	30.76 2.46 0.00	28.02 1.88 0.00	26.27 1.92 0.00	24.16 1.85 0.00	21.95 1.63 0.00
ASTORIA_GT_12 24226	19.74 1.33 -0.01	17.77 1.13 -0.01	17.62 1.06 -0.01	15.88 0.94 -0.01	15.73 0.88 -0.01	15.65 0.83 0.00	15.37 0.95 -0.01	16.18 1.00 0.00	17.68 1.11 0.00	18.75 1.19 0.00	19.81 1.48 0.00	20.09 1.56 0.00	20.35 1.51 0.00	21.13 1.75 0.00	21.40 1.75 -0.01	23.05 1.83 -0.01	27.65 2.31 -0.01	31.57 2.63 -0.01	33.06 2.64 -0.01	30.74 2.43 -0.01	28.02 1.88 0.00	26.28 1.92 -0.01	24.16 1.85 0.00	21.93 1.61 0.00
ASTORIA_GT_13 24227	19.74 1.33 -0.01	17.77 1.13 -0.01	17.62 1.06 -0.01	15.88 0.94 -0.01	15.73 0.88 -0.01	15.65 0.83 0.00	15.37 0.95 -0.01	16.18 1.00 0.00	17.68 1.11 0.00	18.75 1.19 0.00	19.81 1.48 0.00	20.09 1.56 0.00	20.35 1.51 0.00	21.13 1.75 0.00	21.40 1.75 -0.01	23.05 1.83 -0.01	27.65 2.31 -0.01	31.57 2.63 -0.01	33.06 2.64 -0.01	30.74 2.43 -0.01	28.02 1.88 0.00	26.28 1.92 -0.01	24.16 1.85 0.00	21.93 1.61 0.00
ASTORIA_GT_5 24106	19.74 1.33 -0.01	17.77 1.13 -0.01	17.62 1.06 -0.01	15.89 0.96 -0.01	15.74 0.89 -0.01	15.69 0.87 0.00	15.40 0.98 -0.01	16.19 1.02 0.00	17.62 1.06 0.01	18.69 1.14 0.01	19.73 1.41 0.00	20.04 1.50 0.00	20.27 1.43 0.00	21.09 1.71 0.00	21.36 1.71 -0.01	23.01 1.78 -0.01	27.55 2.20 -0.01	31.43 2.49 -0.01	32.94 2.52 -0.01	30.62 2.32 -0.01	27.92 1.78 0.00	26.23 1.88 -0.01	24.25 1.94 0.00	22.01 1.69 0.00
ASTORIA_GT_7 24107	19.74 1.33 -0.01	17.77 1.13 -0.01	17.62 1.06 -0.01	15.89 0.96 -0.01	15.74 0.89 -0.01	15.69 0.87 0.00	15.40 0.98 -0.01	16.19 1.02 0.00	17.62 1.06 0.01	18.69 1.14 0.01	19.73 1.41 0.00	20.04 1.50 0.00	20.27 1.43 0.00	21.09 1.71 0.00	21.36 1.71 -0.01	23.01 1.78 -0.01	27.55 2.20 -0.01	31.43 2.49 -0.01	32.94 2.52 -0.01	30.62 2.32 -0.01	27.92 1.78 0.00	26.23 1.88 -0.01	24.25 1.94 0.00	22.01 1.69 0.00
ASTORIA_GT_8 24108	19.71 1.31 0.00	17.77 1.13 0.00	17.61 1.06 0.00	15.88 0.96 0.00	15.75 0.91 0.00	15.72 0.90 0.00	15.39 0.98 0.00	16.21 1.03 0.00	17.63 1.06 0.00	18.70 1.14 0.00	19.61 1.28 0.00	20.11 1.58 0.00	20.27 1.43 0.00	21.09 1.71 0.00	21.35 1.71 0.00	23.02 1.80 0.00	27.54 2.20 0.00	31.45 2.52 0.00	32.93 2.52 0.00	30.61 2.32 0.00	27.92 1.78 0.00	26.22 1.87 0.00	24.25 1.94 0.00	22.01 1.69 0.00
ASTORIA___2 24149	19.72 1.31 -0.01	17.76 1.11 -0.01	17.59 1.03 -0.01	15.88 0.94 -0.01	15.73 0.88 -0.01	15.68 0.86 0.00	15.38 0.97 -0.01	16.16 0.99 0.00	17.61 1.04 0.01	18.66 1.11 0.01	19.72 1.39 0.00	20.02 1.48 0.00	20.23 1.39 0.00	21.07 1.69 0.00	21.32 1.67 -0.01	22.97 1.74 -0.01	27.50 2.15 -0.01	31.37 2.43 -0.01	32.88 2.46 -0.01	30.57 2.26 -0.01	27.86 1.72 0.00	26.18 1.83 -0.01	24.21 1.90 0.00	21.97 1.65 0.00
ASTORIA___3 23516	19.74 1.33 -0.01	17.77 1.13 -0.01	17.62 1.06 -0.01	15.88 0.94 -0.01	15.73 0.88 -0.01	15.65 0.83 0.00	15.37 0.95 -0.01	16.18 1.00 0.00	17.68 1.11 0.00	18.75 1.19 0.00	19.81 1.48 0.00	20.09 1.56 0.00	20.35 1.51 0.00	21.13 1.75 0.00	21.40 1.75 -0.01	23.05 1.83 -0.01	27.65 2.31 -0.01	31.57 2.63 -0.01	33.06 2.64 -0.01	30.74 2.43 -0.01	28.02 1.88 0.00	26.28 1.92 -0.01	24.16 1.85 0.00	21.93 1.61 0.00
ASTORIA___4 23517	19.71 1.31 0.00	17.77 1.13 0.00	17.61 1.06 0.00	15.87 0.94 0.00	15.72 0.88 0.00	15.66 0.84 0.00	15.36 0.95 0.00	16.19 1.02 0.00	17.68 1.11 0.00	18.75 1.19 0.00	19.68 1.36 0.00	20.15 1.61 0.00	20.35 1.51 0.00	21.13 1.74 0.00	21.39 1.75 0.00	23.09 1.87 0.00	27.64 2.31 0.00	31.59 2.66 0.00	33.06 2.65 0.00	30.76 2.46 0.00	28.02 1.88 0.00	26.27 1.92 0.00	24.16 1.85 0.00	21.95 1.63 0.00
ASTORIA___5 23518	19.74 1.33 -0.01	17.77 1.13 -0.01	17.62 1.06 -0.01	15.88 0.94 -0.01	15.73 0.88 -0.01	15.65 0.83 0.00	15.37 0.95 -0.01	16.18 1.00 0.00	17.68 1.11 0.00	18.75 1.19 0.00	19.81 1.48 0.00	20.09 1.56 0.00	20.35 1.51 0.00	21.13 1.75 0.00	21.40 1.75 -0.01	23.05 1.83 -0.01	27.65 2.31 -0.01	31.57 2.63 -0.01	33.06 2.64 -0.01	30.74 2.43 -0.01	28.02 1.88 0.00	26.28 1.92 -0.01	24.16 1.85 0.00	21.93 1.61 0.00
AST_ENERGY_2_CC3 323677	19.62 1.21 0.00	17.70 1.07 0.00	17.53 0.98 0.00	15.79 0.87 0.00	15.64 0.80 0.00	15.58 0.76 0.00	15.29 0.88 0.00	16.12 0.94 0.00	17.66 1.09 0.00	18.73 1.18 0.00	19.77 1.45 0.00	20.04 1.50 0.00	20.31 1.47 0.00	21.05 1.67 0.00	21.30 1.65 0.00	22.94 1.72 0.00	27.54 2.20 0.00	31.42 2.49 0.00	32.90 2.49 0.00	30.59 2.29 0.00	27.94 1.80 0.00	26.15 1.80 0.00	24.05 1.74 0.00	21.83 1.50 0.00
AST_ENERGY_2_CC4 323678	19.62 1.21 0.00	17.70 1.07 0.00	17.53 0.98 0.00	15.79 0.87 0.00	15.64 0.80 0.00	15.58 0.76 0.00	15.29 0.88 0.00	16.12 0.94 0.00	17.66 1.09 0.00	18.73 1.18 0.00	19.77 1.45 0.00	20.04 1.50 0.00	20.31 1.47 0.00	21.05 1.67 0.00	21.30 1.65 0.00	22.94 1.72 0.00	27.54 2.20 0.00	31.42 2.49 0.00	32.90 2.49 0.00	30.59 2.29 0.00	27.94 1.80 0.00	26.15 1.80 0.00	24.05 1.74 0.00	21.83 1.50 0.00
ATHENS_STG_1 23668	19.20 0.79 0.00	17.32 0.68 0.00	17.25 0.70 0.00	15.54 0.61 0.00	15.42 0.58 0.00	15.37 0.55 0.00	15.00 0.59 0.00	15.79 0.61 0.00	17.27 0.70 0.00	18.30 0.74 0.00	19.20 0.88 0.00	19.44 0.91 0.00	19.74 0.90 0.00	20.37 0.99 0.00	20.61 0.96 0.00	22.22 1.00 0.00	26.58 1.24 0.00	30.35 1.42 0.00	31.90 1.49 0.00	29.68 1.39 0.00	27.29 1.15 0.00	25.47 1.12 0.00	23.36 1.05 0.00	21.24 0.92 0.00
ATHENS_STG_2 23670	19.20 0.79 0.00	17.32 0.68 0.00	17.25 0.70 0.00	15.54 0.61 0.00	15.42 0.58 0.00	15.37 0.55 0.00	15.00 0.59 0.00	15.79 0.61 0.00	17.27 0.70 0.00	18.30 0.74 0.00	19.20 0.88 0.00	19.44 0.91 0.00	19.74 0.90 0.00	20.37 0.99 0.00	20.61 0.96 0.00	22.22 1.00 0.00	26.58 1.24 0.00	30.35 1.42 0.00	31.90 1.49 0.00	29.68 1.39 0.00	27.29 1.15 0.00	25.47 1.12 0.00	23.36 1.05 0.00	21.24 0.92 0.00

ATHENS_STG_3 23677	19.20 0.79 0.00	17.32 0.68 0.00	17.25 0.70 0.00	15.54 0.61 0.00	15.42 0.58 0.00	15.37 0.55 0.00	15.00 0.59 0.00	15.79 0.61 0.00	17.27 0.70 0.00	18.30 0.74 0.00	19.20 0.88 0.00	19.44 0.91 0.00	19.74 0.90 0.00	20.37 0.99 0.00	20.61 0.96 0.00	22.22 1.00 0.00	26.58 1.24 0.00	30.35 1.42 0.00	31.90 1.49 0.00	29.68 1.39 0.00	27.29 1.15 0.00	25.47 1.12 0.00	23.36 1.05 0.00	21.24 0.92 0.00
AUBURN___LFGE 323710	18.68 0.28 0.00	16.85 0.22 0.00	16.72 0.17 0.00	15.06 0.13 0.00	15.00 0.16 0.00	15.00 0.18 0.00	14.53 0.12 0.00	15.33 0.15 0.00	16.74 0.17 0.00	17.75 0.19 0.00	18.53 0.20 0.00	18.80 0.26 0.00	19.14 0.30 0.00	19.68 0.29 0.00	20.02 0.37 0.00	21.62 0.40 0.00	25.84 0.51 0.00	29.48 0.55 0.00	30.99 0.58 0.00	28.80 0.51 0.00	26.71 0.58 0.00	24.84 0.49 0.00	22.71 0.40 0.00	20.71 0.39 0.00
BABYLON_RES_REC 323704	21.42 1.79 -1.23	18.52 1.56 -0.32	18.08 1.52 -0.01	16.22 1.28 -0.01	16.10 1.25 -0.01	16.01 1.19 -0.01	15.73 1.31 -0.01	16.51 1.32 -0.01	18.10 1.52 -0.01	19.25 1.69 -0.01	22.24 1.80 -2.12	26.94 1.85 -6.55	30.28 1.83 -9.62	31.26 2.00 -9.88	30.97 1.98 -9.34	32.34 2.10 -9.02	43.91 2.74 -15.84	42.61 3.18 -10.50	42.61 3.29 -8.91	37.35 2.97 -6.08	33.85 2.46 -5.25	33.12 2.36 -6.41	26.69 2.32 -2.06	23.52 2.03 -1.16
BABYLON__69_KV_BK2 356345	21.66 2.02 -1.23	18.75 1.80 -0.32	18.28 1.72 0.00	16.37 1.45 0.00	16.27 1.42 0.00	16.21 1.39 0.00	15.90 1.48 0.00	16.67 1.49 0.00	18.28 1.71 0.00	19.49 1.93 0.00	22.35 1.91 -2.12	27.20 2.11 -6.55	30.55 2.09 -9.62	31.54 2.27 -9.88	31.23 2.24 -9.34	32.68 2.44 -9.02	44.32 3.14 -15.84	43.07 3.65 -10.50	43.03 3.71 -8.91	37.75 3.37 -6.08	34.21 2.82 -5.25	33.47 2.70 -6.41	26.98 2.61 -2.06	23.80 2.32 -1.16
BARON_WINDS___WT_PWR 323822	18.92 0.51 0.00	17.02 0.38 0.00	16.85 0.30 0.00	15.23 0.30 0.00	15.18 0.34 0.00	15.25 0.43 0.00	14.73 0.32 0.00	15.47 0.29 0.00	16.75 0.18 0.00	17.75 0.19 0.00	18.54 0.22 0.00	18.80 0.26 0.00	19.14 0.30 0.00	19.74 0.35 0.00	20.18 0.53 0.00	21.88 0.66 0.00	26.02 0.68 0.00	29.51 0.58 0.00	30.99 0.58 0.00	28.86 0.57 0.00	26.90 0.76 0.00	25.03 0.68 0.00	22.89 0.58 0.00	20.98 0.65 0.00
BARRETT_IC_1 23704	21.23 1.58 -1.24	18.35 1.38 -0.33	17.97 1.41 -0.01	16.17 1.24 -0.01	16.04 1.19 -0.01	15.97 1.14 -0.01	15.66 1.24 -0.01	16.51 1.32 -0.01	18.09 1.51 -0.01	19.19 1.61 -0.02	22.11 1.67 -2.12	26.82 1.72 -6.56	30.14 1.68 -9.62	31.10 1.82 -9.89	30.80 1.81 -9.35	32.13 1.89 -9.02	43.62 2.43 -15.85	42.24 2.81 -10.51	42.19 2.86 -8.92	36.96 2.57 -6.09	33.51 2.12 -5.26	32.81 2.05 -6.42	26.45 2.08 -2.06	23.30 1.81 -1.17
BARRETT_IC_10 23701	21.23 1.58 -1.24	18.35 1.38 -0.33	17.97 1.41 -0.01	16.17 1.24 -0.01	16.04 1.19 -0.01	15.97 1.14 -0.01	15.66 1.24 -0.01	16.51 1.32 -0.01	18.09 1.51 -0.01	19.19 1.61 -0.02	22.11 1.67 -2.12	26.82 1.72 -6.56	30.14 1.68 -9.62	31.10 1.82 -9.89	30.80 1.81 -9.35	32.13 1.89 -9.02	43.62 2.43 -15.85	42.24 2.81 -10.51	42.19 2.86 -8.92	36.96 2.57 -6.09	33.51 2.12 -5.26	32.81 2.05 -6.42	26.45 2.08 -2.06	23.30 1.81 -1.17
BARRETT_IC_11 23702	21.23 1.58 -1.24	18.35 1.38 -0.33	17.97 1.41 -0.01	16.17 1.24 -0.01	16.04 1.19 -0.01	15.97 1.14 -0.01	15.66 1.24 -0.01	16.51 1.32 -0.01	18.09 1.51 -0.01	19.19 1.61 -0.02	22.11 1.67 -2.12	26.82 1.72 -6.56	30.14 1.68 -9.62	31.10 1.82 -9.89	30.80 1.81 -9.35	32.13 1.89 -9.02	43.62 2.43 -15.85	42.24 2.81 -10.51	42.19 2.86 -8.92	36.96 2.57 -6.09	33.51 2.12 -5.26	32.81 2.05 -6.42	26.45 2.08 -2.06	23.30 1.81 -1.17
BARRETT_IC_12 23703	21.23 1.58 -1.24	18.35 1.38 -0.33	17.97 1.41 -0.01	16.17 1.24 -0.01	16.04 1.19 -0.01	15.97 1.14 -0.01	15.66 1.24 -0.01	16.51 1.32 -0.01	18.09 1.51 -0.01	19.19 1.61 -0.02	22.11 1.67 -2.12	26.82 1.72 -6.56	30.14 1.68 -9.62	31.10 1.82 -9.89	30.80 1.81 -9.35	32.13 1.89 -9.02	43.62 2.43 -15.85	42.24 2.81 -10.51	42.19 2.86 -8.92	36.96 2.57 -6.09	33.51 2.12 -5.26	32.81 2.05 -6.42	26.45 2.08 -2.06	23.30 1.81 -1.17
BARRETT_IC_2 23705	21.23 1.58 -1.24	18.35 1.38 -0.33	17.97 1.41 -0.01	16.17 1.24 -0.01	16.04 1.19 -0.01	15.97 1.14 -0.01	15.66 1.24 -0.01	16.51 1.32 -0.01	18.09 1.51 -0.01	19.19 1.61 -0.02	22.11 1.67 -2.12	26.82 1.72 -6.56	30.14 1.68 -9.62	31.10 1.82 -9.89	30.80 1.81 -9.35	32.13 1.89 -9.02	43.62 2.43 -15.85	42.24 2.81 -10.51	42.19 2.86 -8.92	36.96 2.57 -6.09	33.51 2.12 -5.26	32.81 2.05 -6.42	26.45 2.08 -2.06	23.30 1.81 -1.17
BARRETT_IC_3 23706	21.23 1.58 -1.24	18.35 1.38 -0.33	17.97 1.41 -0.01	16.17 1.24 -0.01	16.04 1.19 -0.01	15.97 1.14 -0.01	15.66 1.24 -0.01	16.51 1.32 -0.01	18.09 1.51 -0.01	19.19 1.61 -0.02	22.11 1.67 -2.12	26.82 1.72 -6.56	30.14 1.68 -9.62	31.10 1.82 -9.89	30.80 1.81 -9.35	32.13 1.89 -9.02	43.62 2.43 -15.85	42.24 2.81 -10.51	42.19 2.86 -8.92	36.96 2.57 -6.09	33.51 2.12 -5.26	32.81 2.05 -6.42	26.45 2.08 -2.06	23.30 1.81 -1.17
BARRETT_IC_4 23707	21.23 1.58 -1.24	18.35 1.38 -0.33	17.97 1.41 -0.01	16.17 1.24 -0.01	16.04 1.19 -0.01	15.97 1.14 -0.01	15.66 1.24 -0.01	16.51 1.32 -0.01	18.09 1.51 -0.01	19.19 1.61 -0.02	22.11 1.67 -2.12	26.82 1.72 -6.56	30.14 1.68 -9.62	31.10 1.82 -9.89	30.80 1.81 -9.35	32.13 1.89 -9.02	43.62 2.43 -15.85	42.24 2.81 -10.51	42.19 2.86 -8.92	36.96 2.57 -6.09	33.51 2.12 -5.26	32.81 2.05 -6.42	26.45 2.08 -2.06	23.30 1.81 -1.17
BARRETT_IC_5 23708	21.23 1.58 -1.24	18.35 1.38 -0.33	17.97 1.41 -0.01	16.17 1.24 -0.01	16.04 1.19 -0.01	15.97 1.14 -0.01	15.66 1.24 -0.01	16.51 1.32 -0.01	18.09 1.51 -0.01	19.19 1.61 -0.02	22.11 1.67 -2.12	26.82 1.72 -6.56	30.14 1.68 -9.62	31.10 1.82 -9.89	30.80 1.81 -9.35	32.13 1.89 -9.02	43.62 2.43 -15.85	42.24 2.81 -10.51	42.19 2.86 -8.92	36.96 2.57 -6.09	33.51 2.12 -5.26	32.81 2.05 -6.42	26.45 2.08 -2.06	23.30 1.81 -1.17
BARRETT_IC_6 23709	21.23 1.58 -1.24	18.35 1.38 -0.33	17.97 1.41 -0.01	16.17 1.24 -0.01	16.04 1.19 -0.01	15.97 1.14 -0.01	15.66 1.24 -0.01	16.51 1.32 -0.01	18.09 1.51 -0.01	19.19 1.61 -0.02	22.11 1.67 -2.12	26.82 1.72 -6.56	30.14 1.68 -9.62	31.10 1.82 -9.89	30.80 1.81 -9.35	32.13 1.89 -9.02	43.62 2.43 -15.85	42.24 2.81 -10.51	42.19 2.86 -8.92	36.96 2.57 -6.09	33.51 2.12 -5.26	32.81 2.05 -6.42	26.45 2.08 -2.06	23.30 1.81 -1.17
BARRETT_IC_7 23710	21.20 1.56 -1.23	18.34 1.38 -0.32	17.96 1.41 0.00	16.17 1.24 0.00	16.03 1.19 0.00	15.99 1.17 0.00	15.65 1.24 0.00	16.51 1.34 0.00	18.08 1.51 0.00	19.17 1.62 0.00	21.98 1.54 -2.12	26.83 1.74 -6.55	30.13 1.68 -9.62	31.09 1.82 -9.88	30.79 1.81 -9.34	32.17 1.93 -9.02	43.61 2.43 -15.84	42.26 2.84 -10.50	42.18 2.86 -8.91	36.95 2.57 -6.08	33.51 2.12 -5.25	32.81 2.05 -6.41	26.44 2.07 -2.06	23.32 1.83 -1.16

BARRETT_IC_8 23711	21.23	18.35	17.97	16.17	16.04	15.97	15.66	16.51	18.09	19.19	22.11	26.82	30.14	31.10	30.80	32.13	43.62	42.24	42.19	36.96	33.51	32.81	26.45	23.30
	1.58	1.38	1.41	1.24	1.19	1.14	1.24	1.32	1.51	1.61	1.67	1.72	1.68	1.82	1.81	1.89	2.43	2.81	2.86	2.57	2.12	2.05	2.08	1.81
	-1.24	-0.33	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.02	-2.12	-6.56	-9.62	-9.89	-9.35	-9.02	-15.85	-10.51	-8.92	-6.09	-5.26	-6.42	-2.06
BARRETT_IC_9 23700	21.23	18.35	17.97	16.17	16.04	15.97	15.66	16.51	18.09	19.19	22.11	26.82	30.14	31.10	30.80	32.13	43.62	42.24	42.19	36.96	33.51	32.81	26.45	23.30
	1.58	1.38	1.41	1.24	1.19	1.14	1.24	1.32	1.51	1.61	1.67	1.72	1.68	1.82	1.81	1.89	2.43	2.81	2.86	2.57	2.12	2.05	2.08	1.81
	-1.24	-0.33	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.02	-2.12	-6.56	-9.62	-9.89	-9.35	-9.02	-15.85	-10.51	-8.92	-6.09	-5.26	-6.42	-2.06
BARRETT___1 23545	21.23	18.35	17.97	16.17	16.04	15.97	15.66	16.51	18.09	19.19	22.11	26.82	30.14	31.10	30.80	32.13	43.62	42.24	42.19	36.96	33.51	32.81	26.45	23.30
	1.58	1.38	1.41	1.24	1.19	1.14	1.24	1.32	1.51	1.61	1.67	1.72	1.68	1.82	1.81	1.89	2.43	2.81	2.86	2.57	2.12	2.05	2.08	1.81
	-1.24	-0.33	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.02	-2.12	-6.56	-9.62	-9.89	-9.35	-9.02	-15.85	-10.51	-8.92	-6.09	-5.26	-6.42	-2.06
BARRETT___2 23546	21.23	18.35	17.97	16.17	16.04	15.97	15.66	16.51	18.09	19.19	22.11	26.82	30.14	31.10	30.80	32.13	43.62	42.24	42.19	36.96	33.51	32.81	26.45	23.30
	1.58	1.38	1.41	1.24	1.19	1.14	1.24	1.32	1.51	1.61	1.67	1.72	1.68	1.82	1.81	1.89	2.43	2.81	2.86	2.57	2.12	2.05	2.08	1.81
	-1.24	-0.33	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.02	-2.12	-6.56	-9.62	-9.89	-9.35	-9.02	-15.85	-10.51	-8.92	-6.09	-5.26	-6.42	-2.06
BATAVIA___115KV_TB1 55881	19.09	17.12	16.94	15.28	15.30	15.32	14.74	15.38	16.64	17.59	18.21	18.52	18.97	19.56	20.04	21.62	25.84	29.25	30.78	28.78	26.77	24.96	22.85	21.02
	0.68	0.48	0.38	0.36	0.46	0.50	0.33	0.20	0.07	0.04	-0.11	-0.02	0.13	0.17	0.39	0.40	0.51	0.32	0.36	0.48	0.63	0.61	0.54	0.69
	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
BAYONEEC___CTG1 323682	19.66	17.70	17.55	15.81	15.64	15.58	15.30	16.13	17.68	18.75	19.79	20.06	20.35	21.07	21.34	22.98	27.57	31.48	32.97	30.64	27.99	26.18	24.07	21.85
	1.25	1.07	0.99	0.88	0.80	0.76	0.89	0.96	1.11	1.19	1.47	1.52	1.51	1.69	1.69	1.76	2.23	2.55	2.55	2.35	1.86	1.83	1.76	1.53
	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
BAYONEEC___CTG10 323750	19.66	17.70	17.55	15.81	15.64	15.58	15.30	16.13	17.68	18.75	19.79	20.06	20.35	21.07	21.34	22.98	27.57	31.48	32.97	30.64	27.99	26.18	24.07	21.85
	1.25	1.07	0.99	0.88	0.80	0.76	0.89	0.96	1.11	1.19	1.47	1.52	1.51	1.69	1.69	1.76	2.23	2.55	2.55	2.35	1.86	1.83	1.76	1.53
	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
BAYONEEC___CTG2 323683	19.66	17.70	17.55	15.81	15.64	15.58	15.30	16.13	17.68	18.75	19.79	20.06	20.35	21.07	21.34	22.98	27.57	31.48	32.97	30.64	27.99	26.18	24.07	21.85
	1.25	1.07	0.99	0.88	0.80	0.76	0.89	0.96	1.11	1.19	1.47	1.52	1.51	1.69	1.69	1.76	2.23	2.55	2.55	2.35	1.86	1.83	1.76	1.53
	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
BAYONEEC___CTG3 323684	19.66	17.70	17.55	15.81	15.64	15.58	15.30	16.13	17.68	18.75	19.79	20.06	20.35	21.07	21.34	22.98	27.57	31.48	32.97	30.64	27.99	26.18	24.07	21.85
	1.25	1.07	0.99	0.88	0.80	0.76	0.89	0.96	1.11	1.19	1.47	1.52	1.51	1.69	1.69	1.76	2.23	2.55	2.55	2.35	1.86	1.83	1.76	1.53
	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
BAYONEEC___CTG4 323685	19.66	17.70	17.55	15.81	15.64	15.58	15.30	16.13	17.68	18.75	19.79	20.06	20.35	21.07	21.34	22.98	27.57	31.48	32.97	30.64	27.99	26.18	24.07	21.85
	1.25	1.07	0.99	0.88	0.80	0.76	0.89	0.96	1.11	1.19	1.47	1.52	1.51	1.69	1.69	1.76	2.23	2.55	2.55	2.35	1.86	1.83	1.76	1.53
	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
BAYONEEC___CTG5 323686	19.66	17.70	17.55	15.81	15.64	15.58	15.30	16.13	17.68	18.75	19.79	20.06	20.35	21.07	21.34	22.98	27.57	31.48	32.97	30.64	27.99	26.18	24.07	21.85
	1.25	1.07	0.99	0.88	0.80	0.76	0.89	0.96	1.11	1.19	1.47	1.52	1.51	1.69	1.69	1.76	2.23	2.55	2.55	2.35	1.86	1.83	1.76	1.53
	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
BAYONEEC___CTG6 323687	19.66	17.70	17.55	15.81	15.64	15.58	15.30	16.13	17.68	18.75	19.79	20.06	20.35	21.07	21.34	22.98	27.57	31.48	32.97	30.64	27.99	26.18	24.07	21.85
	1.25	1.07	0.99	0.88	0.80	0.76	0.89	0.96	1.11	1.19	1.47	1.52	1.51	1.69	1.69	1.76	2.23	2.55	2.55	2.35	1.86	1.83	1.76	1.53
	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
BAYONEEC___CTG7 323688	19.66	17.70	17.55	15.81	15.64	15.58	15.30	16.13	17.68	18.75	19.79	20.06	20.35	21.07	21.34	22.98	27.57	31.48	32.97	30.64	27.99	26.18	24.07	21.85
	1.25	1.07	0.99	0.88	0.80	0.76	0.89	0.96	1.11	1.19	1.47	1.52	1.51	1.69	1.69	1.76	2.23	2.55	2.55	2.35	1.86	1.83	1.76	1.53
	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
BAYONEEC___CTG8 323689	19.66	17.70	17.55	15.81	15.64	15.58	15.30	16.13	17.68	18.75	19.79	20.06	20.35	21.07	21.34	22.98	27.57	31.48	32.97	30.64	27.99	26.18	24.07	21.85
	1.25	1.07	0.99	0.88	0.80	0.76	0.89	0.96	1.11	1.19	1.47	1.52	1.51	1.69	1.69	1.76	2.23	2.55	2.55	2.35	1.86	1.83	1.76	1.53
	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
BAYONEEC___CTG9 323749	19.66	17.70	17.55	15.81	15.64	15.58	15.30	16.13	17.68	18.75	19.79	20.06	20.35	21.07	21.34	22.98	27.57	31.48	32.97	30.64	27.99	26.18	24.07	21.85
	1.25	1.07	0.99	0.88	0.80	0.76	0.89	0.96	1.11	1.19	1.47	1.52	1.51	1.69	1.69	1.76	2.23	2.55	2.55	2.35	1.86	1.83	1.76	1.53
	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

BEACON___LESR 323632	19.09 0.68 0.00	17.25 0.62 0.00	17.27 0.71 0.00	15.60 0.67 0.00	15.46 0.62 0.00	15.43 0.61 0.00	15.03 0.62 0.00	15.82 0.64 0.00	17.22 0.65 0.00	18.21 0.65 0.00	19.09 0.77 0.00	19.32 0.78 0.00	19.61 0.77 0.00	20.22 0.83 0.00	20.41 0.77 0.00	21.98 0.76 0.00	26.30 0.96 0.00	30.06 1.13 0.00	31.63 1.22 0.00	29.46 1.16 0.00	27.13 0.99 0.00	25.27 0.93 0.00	23.18 0.87 0.00	21.12 0.79 0.00
BEAVER RIVER___HYD 24048	18.39 -0.02 0.00	16.57 -0.07 0.00	16.54 -0.02 0.00	14.90 -0.03 0.00	14.83 -0.01 0.00	14.78 -0.04 0.00	14.33 -0.09 0.00	15.03 -0.15 0.00	16.40 -0.17 0.00	17.35 -0.21 0.00	18.12 -0.20 0.00	18.35 -0.19 0.00	18.69 -0.15 0.00	19.13 -0.25 0.00	19.41 -0.23 0.00	21.03 -0.19 0.00	25.13 -0.20 0.00	28.87 -0.06 0.00	30.47 0.06 0.00	28.47 0.17 0.00	26.58 0.44 0.00	24.64 0.29 0.00	22.53 0.22 0.00	20.49 0.16 0.00
BEEBEE_GT_13 23619	18.74 0.33 0.00	16.83 0.20 0.00	16.69 0.13 0.00	15.03 0.10 0.00	15.02 0.18 0.00	15.03 0.21 0.00	14.53 0.12 0.00	15.25 0.08 0.00	16.59 0.02 0.00	17.58 0.02 0.00	18.27 -0.05 0.00	18.56 0.02 0.00	18.95 0.11 0.00	19.50 0.12 0.00	19.92 0.28 0.00	21.52 0.30 0.00	25.69 0.35 0.00	29.13 0.20 0.00	30.62 0.21 0.00	28.52 0.23 0.00	26.48 0.34 0.00	24.69 0.34 0.00	22.60 0.29 0.00	20.69 0.37 0.00
BENSHRST_27_KV_BENSHRST_1 355998	19.88 1.47 0.00	17.90 1.26 0.00	17.73 1.18 0.00	15.96 1.03 0.00	15.81 0.96 0.00	15.75 0.93 0.00	15.45 1.04 0.00	16.29 1.11 0.00	17.78 1.21 0.00	18.87 1.32 0.00	19.83 1.50 0.00	20.32 1.78 0.00	20.50 1.66 0.00	21.33 1.94 0.00	21.59 1.94 0.00	23.32 2.10 0.00	27.95 2.61 0.00	31.94 3.01 0.00	33.42 3.01 0.00	31.07 2.77 0.00	28.31 2.17 0.00	26.57 2.22 0.00	24.34 2.03 0.00	22.09 1.77 0.00
BETHLEHEM___GRP 23843	18.81 0.40 0.00	17.03 0.40 0.00	17.08 0.53 0.00	15.43 0.51 0.00	15.30 0.46 0.00	15.26 0.44 0.00	14.86 0.45 0.00	15.63 0.46 0.00	16.98 0.41 0.00	17.96 0.40 0.00	18.75 0.42 0.00	19.07 0.54 0.00	19.35 0.51 0.00	19.95 0.56 0.00	20.14 0.49 0.00	21.69 0.47 0.00	25.89 0.56 0.00	29.62 0.69 0.00	31.14 0.73 0.00	29.00 0.71 0.00	26.69 0.55 0.00	24.88 0.54 0.00	22.82 0.51 0.00	20.81 0.49 0.00
BETHLEHEM___GS1 323560	18.81 0.40 0.00	17.03 0.40 0.00	17.08 0.53 0.00	15.43 0.51 0.00	15.30 0.46 0.00	15.26 0.44 0.00	14.86 0.45 0.00	15.63 0.45 0.00	16.98 0.41 0.00	17.96 0.40 0.00	18.82 0.49 0.00	19.05 0.52 0.00	19.35 0.51 0.00	19.95 0.56 0.00	20.14 0.49 0.00	21.66 0.45 0.00	25.89 0.56 0.00	29.60 0.67 0.00	31.14 0.73 0.00	29.00 0.71 0.00	26.69 0.55 0.00	24.88 0.54 0.00	22.82 0.51 0.00	20.81 0.49 0.00
BETHLEHEM___GS2 323561	18.81 0.40 0.00	17.03 0.40 0.00	17.08 0.53 0.00	15.43 0.51 0.00	15.30 0.46 0.00	15.26 0.44 0.00	14.86 0.45 0.00	15.63 0.45 0.00	16.98 0.41 0.00	17.96 0.40 0.00	18.82 0.49 0.00	19.05 0.52 0.00	19.35 0.51 0.00	19.95 0.56 0.00	20.14 0.49 0.00	21.66 0.45 0.00	25.89 0.56 0.00	29.60 0.67 0.00	31.14 0.73 0.00	29.00 0.71 0.00	26.69 0.55 0.00	24.88 0.54 0.00	22.82 0.51 0.00	20.81 0.49 0.00
BETHLEHEM___GS3 323562	18.81 0.40 0.00	17.03 0.40 0.00	17.08 0.53 0.00	15.43 0.51 0.00	15.30 0.46 0.00	15.26 0.44 0.00	14.86 0.45 0.00	15.63 0.45 0.00	16.98 0.41 0.00	17.96 0.40 0.00	18.82 0.49 0.00	19.05 0.52 0.00	19.35 0.51 0.00	19.95 0.56 0.00	20.14 0.49 0.00	21.66 0.45 0.00	25.89 0.56 0.00	29.60 0.67 0.00	31.14 0.73 0.00	29.00 0.71 0.00	26.69 0.55 0.00	24.88 0.54 0.00	22.82 0.51 0.00	20.81 0.49 0.00
BETHLEHEM___STEEL 23779	19.00 0.59 0.00	17.02 0.38 0.00	16.84 0.28 0.00	15.23 0.30 0.00	15.21 0.37 0.00	15.23 0.41 0.00	14.70 0.29 0.00	15.34 0.17 0.00	16.59 0.02 0.00	17.58 0.02 0.00	18.16 -0.16 0.00	18.50 -0.04 0.00	18.93 0.09 0.00	19.58 0.19 0.00	20.06 0.41 0.00	21.60 0.38 0.00	25.77 0.43 0.00	29.07 0.14 0.00	30.50 0.09 0.00	28.52 0.23 0.00	26.58 0.44 0.00	24.79 0.44 0.00	22.67 0.36 0.00	20.94 0.61 0.00
BETHLHEM_115KV_TB1 79974	18.85 0.44 0.00	17.07 0.43 0.00	17.10 0.55 0.00	15.45 0.52 0.00	15.32 0.47 0.00	15.28 0.46 0.00	14.87 0.46 0.00	15.66 0.49 0.00	17.02 0.45 0.00	18.01 0.46 0.00	18.78 0.46 0.00	19.11 0.57 0.00	19.39 0.55 0.00	20.01 0.62 0.00	20.20 0.55 0.00	21.75 0.53 0.00	25.97 0.63 0.00	29.71 0.78 0.00	31.23 0.82 0.00	29.09 0.79 0.00	26.77 0.63 0.00	24.96 0.61 0.00	22.89 0.58 0.00	20.87 0.55 0.00
BETHPAGE_CC_5 323564	21.35 1.71 -1.23	18.44 1.48 -0.32	18.02 1.46 -0.01	16.19 1.25 -0.01	16.07 1.22 -0.01	15.98 1.16 -0.01	15.69 1.27 -0.01	16.49 1.31 -0.01	18.09 1.51 -0.01	19.24 1.67 -0.01	22.24 1.80 -2.12	26.94 1.85 -6.55	30.28 1.83 -9.62	31.27 2.00 -9.88	30.97 1.98 -9.34	32.29 2.06 -9.02	43.84 2.66 -15.84	42.47 2.66 -10.50	42.43 3.04 -8.91	37.21 2.83 -6.08	33.72 2.33 -5.25	33.00 2.24 -6.41	26.60 2.23 -2.06	23.48 1.99 -1.16
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	19.02 0.61 0.00	17.03 0.40 0.00	16.85 0.30 0.00	15.24 0.31 0.00	15.23 0.39 0.00	15.25 0.43 0.00	14.71 0.30 0.00	15.36 0.18 0.00	16.60 0.03 0.00	17.59 0.04 0.00	18.18 -0.15 0.00	18.52 -0.02 0.00	18.95 0.11 0.00	19.60 0.21 0.00	20.10 0.45 0.00	21.64 0.42 0.00	25.82 0.48 0.00	29.10 0.17 0.00	30.53 0.12 0.00	28.58 0.28 0.00	26.64 0.50 0.00	24.84 0.49 0.00	22.71 0.40 0.00	20.96 0.63 0.00
BINGHAMTON___COGEN 23790	18.83 0.42 0.00	16.97 0.33 0.00	16.85 0.30 0.00	15.20 0.27 0.00	15.12 0.28 0.00	15.12 0.30 0.00	14.67 0.26 0.00	15.44 0.26 0.00	16.84 0.27 0.00	17.84 0.28 0.00	18.56 0.24 0.00	18.89 0.35 0.00	19.24 0.40 0.00	19.79 0.41 0.00	20.14 0.49 0.00	21.77 0.55 0.00	25.99 0.66 0.00	29.57 0.64 0.00	31.05 0.64 0.00	28.89 0.59 0.00	26.82 0.68 0.00	24.93 0.58 0.00	22.82 0.51 0.00	20.83 0.51 0.00
BIXINCNT_115KV_LOAD 355685	18.94 0.53 0.00	17.00 0.37 0.00	16.84 0.28 0.00	15.21 0.28 0.00	15.20 0.36 0.00	15.25 0.43 0.00	14.73 0.32 0.00	15.39 0.21 0.00	16.65 0.08 0.00	17.66 0.11 0.00	18.21 -0.11 0.00	18.57 0.04 0.00	18.99 0.15 0.00	19.62 0.23 0.00	20.18 0.53 0.00	21.75 0.53 0.00	25.94 0.61 0.00	29.25 0.32 0.00	30.65 0.24 0.00	28.69 0.40 0.00	26.77 0.63 0.00	24.96 0.61 0.00	22.78 0.47 0.00	21.02 0.69 0.00
BLACK RIVER___HYD 24047	18.52 0.11 0.00	16.67 0.03 0.00	16.64 0.08 0.00	14.99 0.06 0.00	14.92 0.07 0.00	14.85 0.03 0.00	14.37 -0.04 0.00	15.07 -0.11 0.00	16.44 -0.13 0.00	17.38 -0.18 0.00	18.20 -0.13 0.00	18.43 -0.11 0.00	18.78 -0.06 0.00	19.17 -0.21 0.00	19.47 -0.18 0.00	21.13 -0.08 0.00	25.24 -0.10 0.00	29.02 0.09 0.00	30.68 0.27 0.00	28.66 0.37 0.00	26.84 0.71 0.00	24.84 0.49 0.00	22.69 0.38 0.00	20.63 0.31 0.00

BLACKRVR_115KV_TB2 79977	18.52 0.11 0.00	16.67 0.03 0.00	16.64 0.08 0.00	14.99 0.06 0.00	14.92 0.07 0.00	14.85 0.03 0.00	14.37 -0.04 0.00	15.06 -0.12 0.00	16.44 -0.13 0.00	17.38 -0.18 0.00	18.20 -0.13 0.00	18.43 -0.11 0.00	18.78 -0.06 0.00	19.17 -0.21 0.00	19.47 -0.18 0.00	21.11 -0.11 0.00	25.23 -0.10 0.00	29.02 0.09 0.00	30.68 0.27 0.00	28.66 0.37 0.00	26.84 0.71 0.00	24.84 0.49 0.00	22.69 0.38 0.00	20.61 0.28 0.00
BLISS_WT_PWR 323608	18.91 0.50 0.00	16.97 0.33 0.00	16.80 0.25 0.00	15.20 0.27 0.00	15.17 0.33 0.00	15.28 0.46 0.00	14.71 0.30 0.00	15.42 0.24 0.00	16.64 0.07 0.00	17.66 0.11 0.00	18.40 0.07 0.00	18.65 0.11 0.00	18.97 0.13 0.00	19.60 0.21 0.00	20.16 0.51 0.00	21.88 0.66 0.00	25.94 0.61 0.00	29.33 0.40 0.00	30.71 0.30 0.00	28.69 0.40 0.00	26.77 0.63 0.00	24.98 0.63 0.00	22.78 0.47 0.00	21.02 0.69 0.00
BLUE_CIRC_CHEM_DRP 24182	19.11 0.70 0.00	17.28 0.65 0.00	17.28 0.73 0.00	15.60 0.67 0.00	15.48 0.64 0.00	15.46 0.64 0.00	15.03 0.62 0.00	15.82 0.64 0.00	17.22 0.65 0.00	18.21 0.65 0.00	19.00 0.68 0.00	19.32 0.78 0.00	19.59 0.75 0.00	20.20 0.81 0.00	20.41 0.77 0.00	22.02 0.81 0.00	26.27 0.94 0.00	30.06 1.13 0.00	31.60 1.19 0.00	29.43 1.13 0.00	27.11 0.97 0.00	25.30 0.95 0.00	23.18 0.87 0.00	21.14 0.81 0.00
BOC_GAS_DRP 24189	18.98 0.57 0.00	17.17 0.53 0.00	17.13 0.58 0.00	15.45 0.52 0.00	15.33 0.49 0.00	15.29 0.47 0.00	14.90 0.49 0.00	15.68 0.50 0.00	17.10 0.53 0.00	18.10 0.54 0.00	18.89 0.57 0.00	19.22 0.69 0.00	19.50 0.66 0.00	20.12 0.74 0.00	20.33 0.69 0.00	21.94 0.72 0.00	26.20 0.86 0.00	29.94 1.01 0.00	31.47 1.06 0.00	29.29 0.99 0.00	26.98 0.84 0.00	25.15 0.80 0.00	23.07 0.76 0.00	21.02 0.69 0.00
BOONVLE_115KV_TB1 79983	18.68 0.28 0.00	16.85 0.22 0.00	16.80 0.25 0.00	15.14 0.21 0.00	15.05 0.21 0.00	15.01 0.19 0.00	14.57 0.16 0.00	15.31 0.14 0.00	16.75 0.18 0.00	17.73 0.18 0.00	18.49 0.16 0.00	18.74 0.20 0.00	19.08 0.24 0.00	19.58 0.19 0.00	19.86 0.22 0.00	21.54 0.32 0.00	25.69 0.35 0.00	29.45 0.52 0.00	31.02 0.61 0.00	28.92 0.62 0.00	26.92 0.78 0.00	24.93 0.58 0.00	22.80 0.49 0.00	20.75 0.43 0.00
BORALEX_4TH_BRANCH 23824	19.38 0.97 0.00	17.52 0.88 0.00	17.41 0.86 0.00	15.67 0.75 0.00	15.57 0.73 0.00	15.55 0.73 0.00	15.16 0.75 0.00	15.94 0.76 0.00	17.46 0.89 0.00	18.47 0.91 0.00	19.33 1.01 0.00	19.56 1.02 0.00	19.88 1.04 0.00	20.47 1.08 0.00	20.61 0.96 0.00	22.26 1.04 0.00	26.53 1.19 0.00	30.38 1.45 0.00	31.99 1.58 0.00	29.85 1.56 0.00	27.47 1.33 0.00	25.61 1.27 0.00	23.51 1.20 0.00	21.36 1.04 0.00
BOWLINE___1 23526	19.46 1.05 0.00	17.53 0.90 0.00	17.38 0.83 0.00	15.66 0.73 0.00	15.51 0.67 0.00	15.46 0.64 0.00	15.15 0.73 0.00	15.98 0.80 0.00	17.51 0.94 0.00	18.58 1.02 0.00	19.57 1.25 0.00	19.83 1.30 0.00	20.12 1.28 0.00	20.82 1.43 0.00	21.06 1.42 0.00	22.73 1.51 0.00	27.21 1.87 0.00	31.07 2.14 0.00	32.57 2.16 0.00	30.25 1.95 0.00	27.76 1.62 0.00	25.93 1.58 0.00	23.78 1.47 0.00	21.61 1.28 0.00
BOWLINE___2 23595	19.46 1.05 0.00	17.53 0.90 0.00	17.38 0.83 0.00	15.66 0.73 0.00	15.51 0.67 0.00	15.46 0.64 0.00	15.16 0.75 0.00	15.98 0.80 0.00	17.51 0.94 0.00	18.58 1.02 0.00	19.57 1.25 0.00	19.83 1.30 0.00	20.12 1.28 0.00	20.82 1.43 0.00	21.06 1.42 0.00	22.73 1.51 0.00	27.21 1.87 0.00	31.07 2.14 0.00	32.57 2.16 0.00	30.25 1.95 0.00	27.76 1.62 0.00	25.93 1.58 0.00	23.78 1.47 0.00	21.61 1.28 0.00
BRADY___115KV_TB2 356060	18.00 -0.40 0.00	16.27 -0.37 0.00	16.22 -0.33 0.00	14.64 -0.28 0.00	14.59 -0.25 0.00	14.55 -0.27 0.00	14.15 -0.26 0.00	14.90 -0.27 0.00	16.26 -0.31 0.00	17.24 -0.32 0.00	18.01 -0.31 0.00	18.07 -0.46 0.00	18.39 -0.45 0.00	18.88 -0.50 0.00	19.17 -0.47 0.00	20.65 -0.57 0.00	24.70 -0.63 0.00	28.29 -0.64 0.00	29.80 -0.61 0.00	27.81 -0.48 0.00	25.80 -0.34 0.00	24.03 -0.32 0.00	21.95 -0.36 0.00	19.98 -0.35 0.00
BRANSCOMB___SOLAR 323811	19.60 1.20 0.00	17.67 1.03 0.00	17.58 1.03 0.00	15.85 0.93 0.00	15.75 0.91 0.00	15.74 0.92 0.00	15.32 0.91 0.00	16.12 0.94 0.00	17.60 1.03 0.00	18.59 1.04 0.00	19.42 1.10 0.00	19.67 1.13 0.00	19.95 1.11 0.00	20.57 1.18 0.00	20.69 1.04 0.00	22.38 1.17 0.00	26.58 1.24 0.00	30.46 1.53 0.00	32.17 1.76 0.00	30.05 1.75 0.00	27.68 1.54 0.00	25.79 1.44 0.00	23.65 1.34 0.00	21.50 1.18 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	21.57 1.93 -1.23	18.67 1.71 -0.32	18.21 1.66 0.00	16.30 1.37 0.00	16.21 1.37 0.00	16.15 1.33 0.00	15.82 1.41 0.00	16.59 1.41 0.00	18.21 1.64 0.00	19.40 1.84 0.00	22.24 1.80 -2.12	27.09 2.00 -6.55	30.42 1.96 -9.62	31.40 2.13 -9.88	31.09 2.10 -9.34	32.49 2.25 -9.02	44.07 2.89 -15.84	42.78 3.36 -10.50	42.76 3.44 -8.91	37.49 3.11 -6.08	33.95 2.56 -5.25	33.25 2.48 -6.41	26.82 2.45 -2.06	23.64 2.15 -1.16
BRISTLHL_115KV_TB1 79998	18.24 -0.17 0.00	16.45 -0.18 0.00	16.36 -0.20 0.00	14.73 -0.19 0.00	14.66 -0.18 0.00	14.66 -0.16 0.00	14.21 -0.20 0.00	14.97 -0.21 0.00	16.34 -0.23 0.00	17.31 -0.25 0.00	18.07 -0.26 0.00	18.30 -0.24 0.00	18.63 -0.21 0.00	19.12 -0.27 0.00	19.39 -0.26 0.00	20.98 -0.23 0.00	25.03 -0.30 0.00	28.55 -0.38 0.00	30.01 -0.40 0.00	27.90 -0.40 0.00	25.88 -0.26 0.00	24.06 -0.29 0.00	22.04 -0.27 0.00	20.10 -0.22 0.00
BROOKHAVEN___DRP 24191	21.63 1.99 -1.23	18.79 1.83 -0.32	18.29 1.74 0.00	16.24 1.31 0.00	16.19 1.35 0.00	16.15 1.33 0.00	15.82 1.41 0.00	16.47 1.29 0.00	18.16 1.59 0.00	19.40 1.84 0.00	22.11 1.67 -2.12	26.91 1.82 -6.55	30.23 1.77 -9.62	31.21 1.94 -9.88	30.85 1.87 -9.34	32.27 2.04 -9.02	43.86 2.69 -15.84	42.58 3.15 -10.50	42.55 3.22 -8.91	37.27 2.89 -6.08	33.74 2.35 -5.25	33.00 2.24 -6.41	26.58 2.21 -2.06	23.42 1.93 -1.16
BROOKLYN_NAVY_YARD 23515	19.66 1.25 0.00	17.70 1.07 0.00	17.53 0.98 0.00	15.79 0.87 0.00	15.64 0.80 0.00	15.58 0.76 0.00	15.30 0.89 0.00	16.15 0.97 0.00	17.68 1.11 0.00	18.75 1.19 0.00	19.77 1.45 0.00	20.06 1.52 0.00	20.33 1.49 0.00	21.07 1.69 0.00	21.31 1.67 0.00	22.96 1.74 0.00	27.57 2.23 0.00	31.45 2.52 0.00	32.97 2.55 0.00	30.64 2.35 0.00	27.99 1.86 0.00	26.18 1.83 0.00	24.10 1.79 0.00	21.85 1.53 0.00
BROOKLYN___ARMY_DRP 323595	19.81 1.40 0.00	17.83 1.20 0.00	17.68 1.13 0.00	15.91 0.99 0.00	15.76 0.92 0.00	15.71 0.89 0.00	15.41 0.99 0.00	16.24 1.06 0.00	17.71 1.14 0.00	18.80 1.25 0.00	19.75 1.43 0.00	20.24 1.71 0.00	20.42 1.58 0.00	21.23 1.84 0.00	21.49 1.85 0.00	23.21 1.99 0.00	27.84 2.51 0.00	31.79 2.86 0.00	33.27 2.86 0.00	30.93 2.63 0.00	28.18 2.04 0.00	26.44 2.09 0.00	24.25 1.94 0.00	22.01 1.69 0.00

BROOKVLE_69_KV_TB1 55790	21.18 1.55 -1.23	18.31 1.35 -0.32	17.86 1.31 0.00	16.09 1.16 0.00	15.94 1.10 0.00	15.90 1.08 0.00	15.56 1.15 0.00	16.42 1.24 0.00	17.96 1.39 0.00	19.10 1.55 0.00	22.05 1.61 -2.12	26.93 1.84 -6.55	30.27 1.81 -9.62	31.27 2.00 -9.88	30.97 1.98 -9.34	32.38 2.14 -9.02	43.76 2.58 -15.84	42.38 2.95 -10.50	42.34 3.01 -8.91	37.15 2.77 -6.08	33.74 2.35 -5.25	33.03 2.26 -6.41	26.49 2.12 -2.06	23.38 1.89 -1.16
BROOME_2_LFGE 323671	18.83 0.42 0.00	16.97 0.33 0.00	16.85 0.30 0.00	15.20 0.27 0.00	15.12 0.28 0.00	15.13 0.31 0.00	14.67 0.26 0.00	15.45 0.27 0.00	16.83 0.26 0.00	17.84 0.28 0.00	18.67 0.35 0.00	18.91 0.37 0.00	19.24 0.40 0.00	19.79 0.41 0.00	20.14 0.49 0.00	21.79 0.57 0.00	25.99 0.66 0.00	29.57 0.64 0.00	31.08 0.67 0.00	28.89 0.60 0.00	26.82 0.68 0.00	24.93 0.58 0.00	22.82 0.51 0.00	20.83 0.51 0.00
BROOME___LFGE 323600	18.83 0.42 0.00	16.97 0.33 0.00	16.85 0.30 0.00	15.20 0.27 0.00	15.12 0.28 0.00	15.13 0.31 0.00	14.67 0.26 0.00	15.45 0.27 0.00	16.83 0.26 0.00	17.84 0.28 0.00	18.67 0.35 0.00	18.91 0.37 0.00	19.24 0.40 0.00	19.79 0.41 0.00	20.14 0.49 0.00	21.79 0.57 0.00	25.99 0.66 0.00	29.57 0.64 0.00	31.08 0.67 0.00	28.89 0.60 0.00	26.82 0.68 0.00	24.93 0.58 0.00	22.82 0.51 0.00	20.83 0.51 0.00
BROWNFLS_115KV_TB_3_5 80003	18.06 -0.35 0.00	16.29 -0.35 0.00	16.26 -0.30 0.00	14.66 -0.27 0.00	14.59 -0.25 0.00	14.54 -0.28 0.00	14.12 -0.29 0.00	14.84 -0.33 0.00	16.21 -0.36 0.00	17.15 -0.40 0.00	17.92 -0.40 0.00	18.07 -0.46 0.00	18.41 -0.43 0.00	18.86 -0.52 0.00	19.13 -0.51 0.00	20.69 -0.53 0.00	24.73 -0.61 0.00	28.38 -0.55 0.00	29.92 -0.49 0.00	27.96 -0.34 0.00	26.06 -0.08 0.00	24.23 -0.12 0.00	22.15 -0.16 0.00	20.14 -0.18 0.00
BROWNSV1_27_KV_LOAD 356125	19.79 1.38 0.00	17.82 1.18 0.00	17.66 1.11 0.00	15.91 0.99 0.00	15.76 0.92 0.00	15.71 0.89 0.00	15.41 0.99 0.00	16.26 1.08 0.00	17.80 1.23 0.00	18.89 1.33 0.00	19.79 1.47 0.00	20.24 1.71 0.00	20.48 1.64 0.00	21.23 1.84 0.00	21.49 1.85 0.00	23.21 1.99 0.00	27.79 2.46 0.00	31.77 2.84 0.00	33.24 2.83 0.00	30.93 2.63 0.00	28.23 2.09 0.00	26.39 2.05 0.00	24.27 1.96 0.00	22.03 1.71 0.00
BURROWS___LYONSDAL 23803	18.63 0.22 0.00	16.78 0.15 0.00	16.74 0.18 0.00	15.09 0.16 0.00	15.00 0.16 0.00	14.95 0.13 0.00	14.51 0.10 0.00	15.25 0.08 0.00	16.67 0.10 0.00	17.65 0.09 0.00	18.42 0.09 0.00	18.65 0.11 0.00	18.99 0.15 0.00	19.48 0.10 0.00	19.76 0.12 0.00	21.41 0.19 0.00	25.56 0.23 0.00	29.31 0.38 0.00	30.90 0.49 0.00	28.83 0.54 0.00	26.84 0.71 0.00	24.86 0.51 0.00	22.73 0.42 0.00	20.69 0.37 0.00
CAITHNESS_CC_1 323624	21.57 1.93 -1.23	18.72 1.76 -0.32	18.25 1.69 -0.01	16.22 1.28 -0.01	16.16 1.31 -0.01	16.00 1.17 -0.01	15.80 1.38 -0.01	16.46 1.28 -0.01	18.15 1.57 -0.01	19.38 1.81 -0.01	22.22 1.78 -2.12	26.87 1.78 -6.55	30.21 1.75 -9.62	31.21 1.94 -9.88	30.83 1.85 -9.34	32.21 1.97 -9.02	43.81 2.63 -15.84	42.49 3.07 -10.50	42.49 3.16 -8.91	37.21 2.83 -6.08	33.69 2.30 -5.25	32.98 2.22 -6.41	26.55 2.19 -2.06	23.40 1.91 -1.16
CALPINE BETH_PAGE_GT4 24209	21.31 1.68 -1.23	18.42 1.46 -0.32	17.99 1.44 0.00	16.18 1.25 0.00	16.04 1.20 0.00	16.01 1.19 0.00	15.68 1.27 0.00	16.50 1.32 0.00	18.08 1.51 0.00	19.21 1.65 0.00	22.11 1.67 -2.12	26.98 1.89 -6.55	30.27 1.81 -9.62	31.25 1.98 -9.88	30.95 1.96 -9.34	32.27 2.04 -9.02	43.76 2.58 -15.84	42.41 2.98 -10.50	42.34 3.01 -8.91	37.12 2.74 -6.08	33.64 2.25 -5.25	32.95 2.19 -6.41	26.58 2.21 -2.06	23.48 1.99 -1.16
CALPINE_BETH_PAGE_GT_4 323586	21.33 1.69 -1.23	18.42 1.46 -0.32	18.00 1.44 -0.01	16.19 1.25 -0.01	16.05 1.20 -0.01	15.98 1.16 -0.01	15.69 1.27 -0.01	16.49 1.31 -0.01	18.07 1.49 -0.01	19.22 1.65 -0.01	22.24 1.80 -2.12	26.94 1.85 -6.55	30.27 1.81 -9.62	31.25 1.98 -9.88	30.95 1.96 -9.34	32.23 1.99 -9.02	43.76 2.59 -15.84	42.38 2.95 -10.50	42.37 3.04 -8.91	37.12 2.74 -6.08	33.64 2.25 -5.25	32.95 2.19 -6.41	26.58 2.21 -2.06	23.46 1.97 -1.16
CALPINE_BP_GT1 23823	21.33 1.69 -1.23	18.42 1.46 -0.32	18.00 1.44 -0.01	16.19 1.25 -0.01	16.05 1.20 -0.01	15.98 1.16 -0.01	15.69 1.27 -0.01	16.49 1.31 -0.01	18.07 1.49 -0.01	19.22 1.65 -0.01	22.24 1.80 -2.12	26.94 1.85 -6.55	30.27 1.81 -9.62	31.25 1.98 -9.88	30.95 1.96 -9.34	32.23 1.99 -9.02	43.76 2.59 -15.84	42.38 2.95 -10.50	42.37 3.04 -8.91	37.12 2.74 -6.08	33.64 2.25 -5.25	32.95 2.19 -6.41	26.58 2.21 -2.06	23.46 1.97 -1.16
CALSPAN___DRP 24200	19.00 0.59 0.00	17.02 0.38 0.00	16.84 0.28 0.00	15.23 0.30 0.00	15.21 0.37 0.00	15.23 0.41 0.00	14.70 0.29 0.00	15.34 0.17 0.00	16.59 0.02 0.00	17.58 0.02 0.00	18.16 -0.16 0.00	18.50 -0.04 0.00	18.93 0.09 0.00	19.58 0.19 0.00	20.06 0.41 0.00	21.60 0.38 0.00	25.77 0.43 0.00	29.07 0.14 0.00	30.50 0.09 0.00	28.52 0.23 0.00	26.58 0.44 0.00	24.79 0.44 0.00	22.67 0.36 0.00	20.94 0.61 0.00
CALVERTON___SOLAR 323806	21.72 2.08 -1.23	18.87 1.91 -0.32	18.38 1.82 -0.01	16.29 1.36 -0.01	16.24 1.39 -0.01	16.06 1.23 -0.01	15.89 1.47 -0.01	16.49 1.31 -0.01	18.22 1.64 -0.01	19.48 1.91 -0.01	22.27 1.83 -2.12	26.92 1.84 -6.55	30.28 1.83 -9.62	31.26 2.00 -9.88	30.91 1.93 -9.34	32.32 2.08 -9.02	43.96 2.79 -15.84	42.67 3.24 -10.50	42.67 3.35 -8.91	37.38 3.00 -6.08	33.82 2.43 -5.25	33.10 2.34 -6.41	26.64 2.28 -2.06	23.48 1.99 -1.16
CANDIGU_WT_PWR 323617	18.92 0.51 0.00	17.02 0.38 0.00	16.85 0.30 0.00	15.23 0.30 0.00	15.18 0.34 0.00	15.25 0.43 0.00	14.73 0.32 0.00	15.47 0.29 0.00	16.75 0.18 0.00	17.75 0.19 0.00	18.54 0.22 0.00	18.80 0.26 0.00	19.14 0.30 0.00	19.74 0.35 0.00	20.18 0.53 0.00	21.88 0.66 0.00	26.02 0.68 0.00	29.51 0.58 0.00	30.99 0.58 0.00	28.86 0.57 0.00	26.90 0.76 0.00	25.03 0.68 0.00	22.89 0.58 0.00	20.98 0.65 0.00
CARR STREET_E_SYR 24060	18.43 0.02 0.00	16.62 -0.02 0.00	16.50 -0.05 0.00	14.88 -0.04 0.00	14.81 -0.03 0.00	14.80 -0.01 0.00	14.35 -0.06 0.00	15.13 -0.05 0.00	16.50 -0.07 0.00	17.49 -0.07 0.00	18.31 -0.02 0.00	18.52 -0.02 0.00	18.84 0.00 0.00	19.35 -0.04 0.00	19.65 0.00 0.00	21.28 0.06 0.00	25.36 0.03 0.00	28.93 0.00 0.00	30.38 -0.03 0.00	28.24 -0.06 0.00	26.16 0.03 0.00	24.32 -0.02 0.00	22.29 -0.02 0.00	20.33 0.00 0.00
CARTHAGE___PAPER 23857	18.41 0.00 0.00	16.58 -0.05 0.00	16.55 0.00 0.00	14.91 -0.01 0.00	14.84 0.00 0.00	14.78 -0.04 0.00	14.33 -0.09 0.00	15.01 -0.17 0.00	16.39 -0.18 0.00	17.31 -0.25 0.00	18.10 -0.22 0.00	18.33 -0.20 0.00	18.67 -0.17 0.00	19.08 -0.31 0.00	19.37 -0.28 0.00	21.01 -0.21 0.00	25.11 -0.23 0.00	28.87 -0.06 0.00	30.53 0.12 0.00	28.55 0.25 0.00	26.69 0.55 0.00	24.72 0.37 0.00	22.58 0.27 0.00	20.53 0.20 0.00

CASSADAGA_WT_PWR 323784	19.38 0.97 0.00	17.35 0.71 0.00	17.17 0.61 0.00	15.52 0.60 0.00	15.54 0.70 0.00	15.62 0.80 0.00	15.04 0.63 0.00	15.79 0.61 0.00	17.05 0.48 0.00	18.07 0.51 0.00	18.84 0.51 0.00	19.11 0.58 0.00	19.44 0.60 0.00	20.12 0.74 0.00	20.65 1.00 0.00	22.36 1.15 0.00	26.50 1.17 0.00	29.97 1.04 0.00	31.38 0.97 0.00	29.31 1.02 0.00	27.37 1.23 0.00	25.52 1.17 0.00	23.29 0.98 0.00	21.42 1.10 0.00
CE_DUNWOOD___DRP 24194	19.57 1.16 0.00	17.63 1.00 0.00	17.48 0.93 0.00	15.75 0.82 0.00	15.60 0.76 0.00	15.56 0.74 0.00	15.25 0.84 0.00	16.07 0.90 0.00	17.60 1.03 0.00	18.68 1.12 0.00	19.55 1.23 0.00	19.98 1.45 0.00	20.23 1.39 0.00	20.94 1.55 0.00	21.18 1.53 0.00	22.87 1.66 0.00	27.39 2.05 0.00	31.30 2.37 0.00	32.78 2.37 0.00	30.47 2.18 0.00	27.92 1.78 0.00	26.08 1.73 0.00	23.94 1.63 0.00	21.75 1.42 0.00
CE_MILLWOOD___DRP 24193	19.51 1.10 0.00	17.60 0.96 0.00	17.45 0.89 0.00	15.72 0.79 0.00	15.57 0.73 0.00	15.53 0.71 0.00	15.20 0.79 0.00	16.04 0.87 0.00	17.56 0.99 0.00	18.65 1.09 0.00	19.50 1.17 0.00	19.93 1.39 0.00	20.18 1.34 0.00	20.88 1.49 0.00	21.12 1.47 0.00	22.81 1.59 0.00	27.29 1.95 0.00	31.22 2.29 0.00	32.69 2.28 0.00	30.39 2.09 0.00	27.84 1.70 0.00	26.03 1.68 0.00	23.87 1.56 0.00	21.69 1.36 0.00
CE_NYC2_DRP 24202	19.73 1.33 0.00	17.78 1.15 0.00	17.61 1.06 0.00	15.87 0.94 0.00	15.72 0.88 0.00	15.68 0.86 0.00	15.36 0.95 0.00	16.21 1.03 0.00	17.68 1.11 0.00	18.77 1.21 0.00	19.68 1.36 0.00	20.15 1.61 0.00	20.35 1.51 0.00	21.15 1.76 0.00	21.39 1.75 0.00	23.11 1.89 0.00	27.67 2.33 0.00	31.62 2.69 0.00	33.09 2.68 0.00	30.76 2.46 0.00	28.05 1.91 0.00	26.30 1.95 0.00	24.16 1.85 0.00	21.95 1.63 0.00
CE_NYC_DRP 24195	19.66 1.25 0.00	17.72 1.08 0.00	17.56 1.01 0.00	15.82 0.90 0.00	15.67 0.83 0.00	15.62 0.80 0.00	15.32 0.91 0.00	16.16 0.99 0.00	17.70 1.13 0.00	18.77 1.21 0.00	19.68 1.36 0.00	20.11 1.58 0.00	20.35 1.51 0.00	21.09 1.71 0.00	21.33 1.69 0.00	23.04 1.82 0.00	27.59 2.25 0.00	31.53 2.60 0.00	33.00 2.58 0.00	30.70 2.41 0.00	28.02 1.88 0.00	26.20 1.85 0.00	24.10 1.78 0.00	21.87 1.54 0.00
CHAFFEE___LFGE 323603	19.03 0.63 0.00	17.05 0.42 0.00	16.87 0.31 0.00	15.24 0.31 0.00	15.23 0.39 0.00	15.31 0.49 0.00	14.73 0.32 0.00	15.44 0.26 0.00	16.62 0.05 0.00	17.61 0.05 0.00	18.36 0.04 0.00	18.65 0.11 0.00	18.97 0.13 0.00	19.62 0.23 0.00	20.14 0.49 0.00	21.81 0.59 0.00	25.87 0.53 0.00	29.25 0.32 0.00	30.65 0.24 0.00	28.64 0.34 0.00	26.69 0.55 0.00	24.91 0.56 0.00	22.76 0.45 0.00	21.00 0.67 0.00
CHATEAUG_35_KV_LOAD 355732	18.17 -0.24 0.00	16.43 -0.20 0.00	16.39 -0.17 0.00	14.81 -0.12 0.00	14.75 -0.09 0.00	14.73 -0.09 0.00	14.32 -0.09 0.00	15.10 -0.08 0.00	16.47 -0.10 0.00	17.49 -0.07 0.00	18.29 -0.04 0.00	18.35 -0.19 0.00	18.65 -0.19 0.00	19.15 -0.23 0.00	19.47 -0.18 0.00	20.96 -0.25 0.00	25.06 -0.28 0.00	28.79 -0.14 0.00	30.26 -0.15 0.00	28.21 -0.08 0.00	26.03 -0.10 0.00	24.25 -0.10 0.00	22.13 -0.18 0.00	20.12 -0.20 0.00
CHATEAUG_WT_PWR 323614	18.17 -0.24 0.00	16.44 -0.20 0.00	16.39 -0.17 0.00	14.81 -0.12 0.00	14.77 -0.07 0.00	14.73 -0.09 0.00	14.34 -0.07 0.00	15.10 -0.08 0.00	16.49 -0.08 0.00	17.51 -0.05 0.00	18.16 -0.17 0.00	18.37 -0.17 0.00	18.67 -0.17 0.00	19.19 -0.19 0.00	19.51 -0.14 0.00	20.99 -0.23 0.00	25.11 -0.23 0.00	28.81 -0.12 0.00	30.29 -0.12 0.00	28.21 -0.08 0.00	26.03 -0.10 0.00	24.28 -0.07 0.00	22.13 -0.18 0.00	20.18 -0.14 0.00
CHAT_HIGH_FALL_HYD 323578	18.17 -0.24 0.00	16.44 -0.20 0.00	16.39 -0.17 0.00	14.81 -0.12 0.00	14.75 -0.09 0.00	14.72 -0.10 0.00	14.33 -0.09 0.00	15.10 -0.08 0.00	16.47 -0.10 0.00	17.49 -0.07 0.00	18.12 -0.20 0.00	18.33 -0.20 0.00	18.65 -0.19 0.00	19.15 -0.23 0.00	19.47 -0.18 0.00	20.94 -0.28 0.00	25.06 -0.28 0.00	28.79 -0.14 0.00	30.26 -0.15 0.00	28.21 -0.08 0.00	26.03 -0.10 0.00	24.25 -0.10 0.00	22.13 -0.18 0.00	20.16 -0.16 0.00
CHAUTAUQUA___LFGE 323629	19.26 0.85 0.00	17.25 0.62 0.00	17.07 0.51 0.00	15.43 0.51 0.00	15.42 0.58 0.00	15.52 0.70 0.00	14.93 0.52 0.00	15.68 0.50 0.00	16.92 0.35 0.00	17.93 0.37 0.00	18.69 0.37 0.00	18.96 0.43 0.00	19.29 0.45 0.00	19.95 0.56 0.00	20.47 0.82 0.00	22.17 0.96 0.00	26.27 0.94 0.00	29.68 0.75 0.00	31.11 0.70 0.00	29.06 0.76 0.00	27.11 0.97 0.00	25.27 0.93 0.00	23.09 0.78 0.00	21.26 0.94 0.00
CHERRYST_13_KV_LD 356241	19.70 1.29 0.00	17.75 1.11 0.00	17.60 1.04 0.00	15.85 0.93 0.00	15.70 0.86 0.00	15.66 0.84 0.00	15.36 0.95 0.00	16.21 1.03 0.00	17.75 1.18 0.00	18.82 1.26 0.00	19.72 1.39 0.00	20.17 1.63 0.00	20.40 1.56 0.00	21.15 1.76 0.00	21.39 1.75 0.00	23.11 1.89 0.00	27.67 2.33 0.00	31.62 2.69 0.00	33.09 2.68 0.00	30.78 2.49 0.00	28.10 1.96 0.00	26.27 1.92 0.00	24.16 1.85 0.00	21.93 1.61 0.00
CHESTROR_138KV_BK263 355645	19.31 0.90 0.00	17.42 0.78 0.00	17.28 0.73 0.00	15.57 0.64 0.00	15.44 0.59 0.00	15.40 0.58 0.00	15.06 0.65 0.00	15.88 0.70 0.00	17.38 0.81 0.00	18.42 0.86 0.00	19.26 0.93 0.00	19.67 1.13 0.00	19.91 1.07 0.00	20.61 1.22 0.00	20.84 1.20 0.00	22.51 1.29 0.00	26.93 1.60 0.00	30.78 1.85 0.00	32.30 1.89 0.00	30.02 1.73 0.00	27.58 1.44 0.00	25.74 1.39 0.00	23.61 1.29 0.00	21.44 1.12 0.00
CH_MIDHUDSON___DRP 24192	19.48 1.07 0.00	17.57 0.93 0.00	17.43 0.88 0.00	15.70 0.78 0.00	15.55 0.71 0.00	15.52 0.70 0.00	15.17 0.76 0.00	16.00 0.82 0.00	17.51 0.94 0.00	18.56 1.00 0.00	19.40 1.08 0.00	19.82 1.28 0.00	20.06 1.22 0.00	20.74 1.36 0.00	20.98 1.34 0.00	22.66 1.44 0.00	27.13 1.80 0.00	31.04 2.11 0.00	32.60 2.19 0.00	30.28 1.98 0.00	27.79 1.65 0.00	25.96 1.61 0.00	23.78 1.47 0.00	21.63 1.30 0.00
CH_MISC_IPPS 23765	19.59 1.18 0.00	17.62 0.98 0.00	17.48 0.93 0.00	15.75 0.82 0.00	15.60 0.76 0.00	15.53 0.71 0.00	15.20 0.79 0.00	16.04 0.86 0.00	17.56 0.99 0.00	18.61 1.05 0.00	19.59 1.26 0.00	19.85 1.32 0.00	20.12 1.28 0.00	20.82 1.43 0.00	21.06 1.42 0.00	22.73 1.51 0.00	27.26 1.92 0.00	31.19 2.26 0.00	32.81 2.40 0.00	30.42 2.12 0.00	27.94 1.80 0.00	26.10 1.75 0.00	23.92 1.61 0.00	21.73 1.40 0.00
CH_RES_BVR_FALLS 23983	17.97 -0.44 0.00	16.27 -0.37 0.00	16.22 -0.33 0.00	14.64 -0.28 0.00	14.59 -0.25 0.00	14.57 -0.25 0.00	14.18 -0.23 0.00	14.93 -0.24 0.00	16.30 -0.27 0.00	17.30 -0.26 0.00	17.98 -0.35 0.00	18.18 -0.35 0.00	18.48 -0.36 0.00	19.02 -0.37 0.00	19.29 -0.35 0.00	20.81 -0.40 0.00	24.85 -0.48 0.00	28.41 -0.52 0.00	29.89 -0.52 0.00	27.81 -0.48 0.00	25.69 -0.44 0.00	23.94 -0.41 0.00	21.93 -0.38 0.00	19.98 -0.35 0.00

CH_RES_NIAGARA 23895	18.43 0.02 0.00	16.52 -0.12 0.00	16.36 -0.20 0.00	14.78 -0.15 0.00	14.92 0.07 0.00	14.98 0.16 0.00	14.27 -0.14 0.00	14.97 -0.21 0.00	16.09 -0.48 0.00	17.05 -0.51 0.00	17.77 -0.55 0.00	18.05 -0.48 0.00	18.33 -0.51 0.00	18.94 -0.45 0.00	19.39 -0.26 0.00	21.03 -0.19 0.00	24.88 -0.46 0.00	28.15 -0.78 0.00	29.50 -0.91 0.00	27.56 -0.74 0.00	25.67 -0.47 0.00	23.96 -0.39 0.00	21.91 -0.40 0.00	20.27 -0.06 0.00
CH_RES_SYRACUSE 23985	18.52 0.11 0.00	16.70 0.07 0.00	16.59 0.03 0.00	14.96 0.03 0.00	14.89 0.04 0.00	14.89 0.07 0.00	14.43 0.01 0.00	15.21 0.03 0.00	16.60 0.03 0.00	17.59 0.04 0.00	18.42 0.09 0.00	18.63 0.09 0.00	18.95 0.11 0.00	19.46 0.08 0.00	19.76 0.12 0.00	21.41 0.19 0.00	25.54 0.20 0.00	29.10 0.17 0.00	30.56 0.15 0.00	28.41 0.11 0.00	26.32 0.18 0.00	24.47 0.12 0.00	22.45 0.13 0.00	20.45 0.12 0.00
CLINTON_WT_PWR 323605	18.17 -0.24 0.00	16.44 -0.20 0.00	16.39 -0.17 0.00	14.81 -0.12 0.00	14.77 -0.07 0.00	14.73 -0.09 0.00	14.34 -0.07 0.00	15.10 -0.08 0.00	16.49 -0.08 0.00	17.51 -0.05 0.00	18.16 -0.17 0.00	18.37 -0.17 0.00	18.67 -0.17 0.00	19.19 -0.19 0.00	19.51 -0.14 0.00	20.99 -0.23 0.00	25.11 -0.23 0.00	28.81 -0.12 0.00	30.29 -0.12 0.00	28.21 -0.08 0.00	26.03 -0.10 0.00	24.28 -0.07 0.00	22.13 -0.18 0.00	20.18 -0.14 0.00
CLINTON___LFGE 323618	18.32 -0.09 0.00	16.55 -0.08 0.00	16.49 -0.07 0.00	14.90 -0.03 0.00	14.86 0.01 0.00	14.83 0.01 0.00	14.44 0.03 0.00	15.22 0.05 0.00	16.62 0.05 0.00	17.65 0.09 0.00	18.29 -0.04 0.00	18.52 -0.02 0.00	18.82 -0.02 0.00	19.31 -0.08 0.00	19.66 0.02 0.00	21.13 -0.08 0.00	25.29 -0.05 0.00	29.05 0.12 0.00	30.56 0.15 0.00	28.49 0.20 0.00	26.30 0.16 0.00	24.50 0.15 0.00	22.33 0.02 0.00	20.35 0.02 0.00
COBBLENY_34_KV_TB1 80064	19.02 0.61 0.00	17.05 0.42 0.00	16.87 0.31 0.00	15.24 0.31 0.00	15.24 0.40 0.00	15.26 0.44 0.00	14.73 0.32 0.00	15.38 0.20 0.00	16.62 0.05 0.00	17.61 0.05 0.00	18.20 -0.13 0.00	18.54 0.00 0.00	18.97 0.13 0.00	19.62 0.23 0.00	20.14 0.49 0.00	21.69 0.47 0.00	25.87 0.53 0.00	29.19 0.26 0.00	30.59 0.18 0.00	28.63 0.34 0.00	26.69 0.55 0.00	24.88 0.54 0.00	22.76 0.45 0.00	21.00 0.67 0.00
COFFEEN___115KV_TB3 355620	18.61 0.20 0.00	16.75 0.12 0.00	16.74 0.18 0.00	15.06 0.13 0.00	14.99 0.15 0.00	14.91 0.09 0.00	14.43 0.01 0.00	15.12 -0.06 0.00	16.50 -0.07 0.00	17.44 -0.12 0.00	18.27 -0.05 0.00	18.50 -0.04 0.00	18.86 0.02 0.00	19.23 -0.16 0.00	19.53 -0.12 0.00	21.22 0.00 0.00	25.34 0.00 0.00	29.16 0.23 0.00	30.87 0.46 0.00	28.86 0.57 0.00	27.05 0.91 0.00	25.03 0.68 0.00	22.82 0.51 0.00	20.75 0.43 0.00
COLDSPRG_115KV_BK1 355956	19.38 0.98 0.00	17.37 0.73 0.00	17.17 0.61 0.00	15.52 0.60 0.00	15.52 0.68 0.00	15.58 0.76 0.00	15.05 0.63 0.00	15.72 0.55 0.00	17.03 0.46 0.00	18.05 0.49 0.00	18.60 0.27 0.00	19.00 0.46 0.00	19.42 0.58 0.00	20.12 0.74 0.00	20.63 0.98 0.00	22.22 1.00 0.00	26.48 1.14 0.00	29.86 0.93 0.00	31.32 0.91 0.00	29.29 0.99 0.00	27.34 1.20 0.00	25.49 1.14 0.00	23.27 0.96 0.00	21.42 1.10 0.00
COLONIE_LFGE___ 323577	19.27 0.87 0.00	17.40 0.77 0.00	17.33 0.78 0.00	15.61 0.69 0.00	15.51 0.67 0.00	15.47 0.65 0.00	15.09 0.68 0.00	15.86 0.68 0.00	17.33 0.76 0.00	18.33 0.77 0.00	19.20 0.88 0.00	19.43 0.89 0.00	19.74 0.90 0.00	20.34 0.95 0.00	20.51 0.86 0.00	22.13 0.91 0.00	26.40 1.06 0.00	30.20 1.27 0.00	31.81 1.40 0.00	29.65 1.36 0.00	27.32 1.18 0.00	25.45 1.10 0.00	23.34 1.03 0.00	21.24 0.92 0.00
COOPERNY_115KV_TB1 80082	19.09 0.68 0.00	17.22 0.58 0.00	17.10 0.55 0.00	15.40 0.48 0.00	15.29 0.45 0.00	15.25 0.43 0.00	14.89 0.48 0.00	15.69 0.52 0.00	17.18 0.61 0.00	18.21 0.65 0.00	19.02 0.70 0.00	19.39 0.85 0.00	19.67 0.83 0.00	20.32 0.93 0.00	20.57 0.92 0.00	22.24 1.02 0.00	26.55 1.22 0.00	30.32 1.39 0.00	31.84 1.43 0.00	29.60 1.30 0.00	27.24 1.10 0.00	25.40 1.05 0.00	23.29 0.98 0.00	21.18 0.85 0.00
COPENHAGEN_WT_PWR 323753	18.48 0.07 0.00	16.63 0.00 0.00	16.60 0.05 0.00	14.96 0.03 0.00	14.89 0.04 0.00	14.83 0.01 0.00	14.35 -0.06 0.00	15.06 -0.12 0.00	16.44 -0.13 0.00	17.37 -0.19 0.00	18.20 -0.13 0.00	18.43 -0.11 0.00	18.76 -0.08 0.00	19.17 -0.21 0.00	19.45 -0.20 0.00	21.11 -0.11 0.00	25.21 -0.13 0.00	28.96 0.03 0.00	30.59 0.18 0.00	28.58 0.28 0.00	26.74 0.60 0.00	24.76 0.41 0.00	22.62 0.31 0.00	20.57 0.24 0.00
CORNELL___ 23752	18.94 0.53 0.00	17.07 0.43 0.00	16.95 0.40 0.00	15.28 0.36 0.00	15.21 0.37 0.00	15.21 0.39 0.00	14.74 0.33 0.00	15.51 0.33 0.00	16.90 0.33 0.00	17.87 0.32 0.00	18.62 0.29 0.00	18.91 0.37 0.00	19.25 0.41 0.00	19.77 0.39 0.00	20.12 0.47 0.00	21.79 0.57 0.00	26.07 0.73 0.00	29.77 0.84 0.00	31.35 0.94 0.00	29.17 0.88 0.00	27.13 0.99 0.00	25.18 0.83 0.00	23.05 0.74 0.00	21.00 0.67 0.00
CORONAAY_69_KV_TB1 355595	21.22 1.58 -1.23	18.34 1.38 -0.32	17.93 1.37 0.00	16.15 1.22 0.00	16.01 1.17 0.00	15.96 1.14 0.00	15.64 1.22 0.00	16.50 1.32 0.00	18.04 1.47 0.00	19.16 1.60 0.00	22.03 1.59 -2.12	26.91 1.82 -6.55	30.25 1.79 -9.62	31.23 1.96 -9.88	30.93 1.94 -9.34	32.34 2.10 -9.02	43.74 2.56 -15.84	42.38 2.95 -10.50	42.34 3.01 -8.91	37.18 2.80 -6.08	33.72 2.33 -5.25	33.00 2.24 -6.41	26.53 2.16 -2.06	23.40 1.91 -1.16
CORTLAND_115KV_TB3 80093	18.78 0.37 0.00	16.93 0.30 0.00	16.82 0.26 0.00	15.17 0.24 0.00	15.09 0.25 0.00	15.09 0.27 0.00	14.63 0.22 0.00	15.41 0.23 0.00	16.80 0.23 0.00	17.79 0.23 0.00	18.54 0.22 0.00	18.81 0.28 0.00	19.16 0.32 0.00	19.70 0.31 0.00	20.02 0.37 0.00	21.66 0.45 0.00	25.89 0.56 0.00	29.51 0.58 0.00	31.05 0.64 0.00	28.89 0.59 0.00	26.82 0.68 0.00	24.91 0.56 0.00	22.80 0.49 0.00	20.79 0.47 0.00
COXSACKIE___GT 23611	19.60 1.20 0.00	17.65 1.01 0.00	17.68 1.13 0.00	15.97 1.04 0.00	15.81 0.96 0.00	15.78 0.96 0.00	15.36 0.95 0.00	16.18 1.00 0.00	17.61 1.04 0.00	18.54 0.98 0.00	19.42 1.10 0.00	19.65 1.11 0.00	19.91 1.07 0.00	20.59 1.20 0.00	20.74 1.10 0.00	22.47 1.25 0.00	26.98 1.65 0.00	30.98 2.05 0.00	32.84 2.43 0.00	30.50 2.21 0.00	28.15 2.01 0.00	26.27 1.92 0.00	23.92 1.61 0.00	21.77 1.44 0.00
CPV_VALLEY___CC1 323721	19.20 0.79 0.00	17.30 0.67 0.00	17.17 0.61 0.00	15.46 0.54 0.00	15.33 0.49 0.00	15.29 0.47 0.00	14.96 0.55 0.00	15.75 0.58 0.00	17.27 0.70 0.00	18.31 0.75 0.00	19.24 0.92 0.00	19.50 0.96 0.00	19.78 0.94 0.00	20.45 1.07 0.00	20.71 1.06 0.00	22.34 1.12 0.00	26.73 1.39 0.00	30.52 1.59 0.00	32.02 1.61 0.00	29.77 1.47 0.00	27.34 1.20 0.00	25.52 1.17 0.00	23.43 1.12 0.00	21.28 0.96 0.00

CPV_VALLEY___CC2 323722	19.20 0.79 0.00	17.30 0.67 0.00	17.17 0.61 0.00	15.46 0.54 0.00	15.33 0.49 0.00	15.29 0.47 0.00	14.96 0.55 0.00	15.75 0.58 0.00	17.27 0.70 0.00	18.31 0.75 0.00	19.24 0.92 0.00	19.50 0.96 0.00	19.78 0.94 0.00	20.45 1.07 0.00	20.71 1.06 0.00	22.34 1.12 0.00	26.73 1.39 0.00	30.52 1.59 0.00	32.02 1.61 0.00	29.77 1.47 0.00	27.34 1.20 0.00	25.52 1.17 0.00	23.43 1.12 0.00	21.28 0.96 0.00
CRESCENT___HYD 24018	19.27 0.87 0.00	17.40 0.77 0.00	17.33 0.78 0.00	15.61 0.69 0.00	15.51 0.67 0.00	15.47 0.65 0.00	15.09 0.68 0.00	15.86 0.68 0.00	17.33 0.76 0.00	18.33 0.77 0.00	19.20 0.88 0.00	19.43 0.89 0.00	19.74 0.90 0.00	20.34 0.95 0.00	20.51 0.86 0.00	22.13 0.91 0.00	26.40 1.06 0.00	30.20 1.27 0.00	31.81 1.40 0.00	29.65 1.36 0.00	27.32 1.18 0.00	25.45 1.10 0.00	23.34 1.03 0.00	21.24 0.92 0.00
CRICKET___VALLEY_CC1 323756	19.33 0.92 0.00	17.43 0.80 0.00	17.32 0.76 0.00	15.58 0.66 0.00	15.46 0.62 0.00	15.41 0.59 0.00	15.07 0.66 0.00	15.88 0.70 0.00	17.40 0.83 0.00	18.42 0.86 0.00	19.35 1.03 0.00	19.61 1.07 0.00	19.89 1.05 0.00	20.53 1.14 0.00	20.73 1.08 0.00	22.34 1.12 0.00	26.70 1.37 0.00	30.55 1.62 0.00	32.08 1.67 0.00	29.85 1.56 0.00	27.42 1.28 0.00	25.59 1.24 0.00	23.49 1.18 0.00	21.34 1.02 0.00
CRICKET___VALLEY_CC2 323757	19.33 0.92 0.00	17.43 0.80 0.00	17.32 0.76 0.00	15.58 0.66 0.00	15.46 0.62 0.00	15.41 0.59 0.00	15.07 0.66 0.00	15.88 0.70 0.00	17.40 0.83 0.00	18.42 0.86 0.00	19.35 1.03 0.00	19.61 1.07 0.00	19.89 1.05 0.00	20.53 1.14 0.00	20.73 1.08 0.00	22.34 1.12 0.00	26.70 1.37 0.00	30.55 1.62 0.00	32.08 1.67 0.00	29.85 1.56 0.00	27.42 1.28 0.00	25.59 1.24 0.00	23.49 1.18 0.00	21.34 1.02 0.00
CRICKET___VALLEY_CC3 323758	19.33 0.92 0.00	17.43 0.80 0.00	17.32 0.76 0.00	15.58 0.66 0.00	15.46 0.62 0.00	15.41 0.59 0.00	15.07 0.66 0.00	15.88 0.70 0.00	17.40 0.83 0.00	18.42 0.86 0.00	19.35 1.03 0.00	19.61 1.07 0.00	19.89 1.05 0.00	20.53 1.14 0.00	20.73 1.08 0.00	22.34 1.12 0.00	26.70 1.37 0.00	30.55 1.62 0.00	32.08 1.67 0.00	29.85 1.56 0.00	27.42 1.28 0.00	25.59 1.24 0.00	23.49 1.18 0.00	21.34 1.02 0.00
CRUCIBLE_METL_DRP 24180	18.52 0.11 0.00	16.70 0.07 0.00	16.59 0.03 0.00	14.96 0.03 0.00	14.89 0.04 0.00	14.88 0.06 0.00	14.43 0.01 0.00	15.21 0.03 0.00	16.60 0.03 0.00	17.59 0.04 0.00	18.36 0.04 0.00	18.61 0.07 0.00	18.95 0.11 0.00	19.46 0.08 0.00	19.76 0.12 0.00	21.39 0.17 0.00	25.54 0.20 0.00	29.07 0.14 0.00	30.56 0.15 0.00	28.41 0.11 0.00	26.32 0.18 0.00	24.47 0.12 0.00	22.44 0.13 0.00	20.45 0.12 0.00
DAHOWA___HYDRO 323763	19.70 1.29 0.00	17.75 1.11 0.00	17.65 1.09 0.00	15.93 1.00 0.00	15.82 0.98 0.00	15.81 0.99 0.00	15.40 0.99 0.00	16.19 1.02 0.00	17.68 1.11 0.00	18.70 1.14 0.00	19.51 1.19 0.00	19.76 1.22 0.00	20.05 1.21 0.00	20.65 1.26 0.00	20.76 1.12 0.00	22.49 1.27 0.00	26.65 1.32 0.00	30.52 1.59 0.00	32.30 1.89 0.00	30.13 1.84 0.00	27.79 1.65 0.00	25.88 1.53 0.00	23.72 1.41 0.00	21.55 1.22 0.00
DANC___LFGE 323619	18.41 0.00 0.00	16.57 -0.07 0.00	16.52 -0.03 0.00	14.88 -0.04 0.00	14.81 -0.03 0.00	14.78 -0.04 0.00	14.31 -0.10 0.00	15.03 -0.15 0.00	16.40 -0.17 0.00	17.35 -0.21 0.00	18.16 -0.17 0.00	18.39 -0.15 0.00	18.71 -0.13 0.00	19.15 -0.23 0.00	19.45 -0.20 0.00	21.07 -0.15 0.00	25.11 -0.23 0.00	28.79 -0.14 0.00	30.35 -0.06 0.00	28.32 0.03 0.00	26.37 0.23 0.00	24.52 0.17 0.00	22.42 0.11 0.00	20.41 0.08 0.00
DANSKAMMER___1 23586	19.59 1.18 0.00	17.62 0.98 0.00	17.48 0.93 0.00	15.75 0.82 0.00	15.60 0.76 0.00	15.53 0.71 0.00	15.20 0.79 0.00	16.04 0.86 0.00	17.56 0.99 0.00	18.61 1.05 0.00	19.59 1.26 0.00	19.85 1.32 0.00	20.12 1.28 0.00	20.82 1.43 0.00	21.06 1.42 0.00	22.73 1.51 0.00	27.26 1.92 0.00	31.19 2.26 0.00	32.81 2.40 0.00	30.42 2.12 0.00	27.94 1.80 0.00	26.10 1.75 0.00	23.92 1.61 0.00	21.73 1.40 0.00
DANSKAMMER___2 23589	19.59 1.18 0.00	17.62 0.98 0.00	17.48 0.93 0.00	15.75 0.82 0.00	15.60 0.76 0.00	15.53 0.71 0.00	15.20 0.79 0.00	16.04 0.86 0.00	17.56 0.99 0.00	18.61 1.05 0.00	19.59 1.26 0.00	19.85 1.32 0.00	20.12 1.28 0.00	20.82 1.43 0.00	21.06 1.42 0.00	22.73 1.51 0.00	27.26 1.92 0.00	31.19 2.26 0.00	32.81 2.40 0.00	30.42 2.12 0.00	27.94 1.80 0.00	26.10 1.75 0.00	23.92 1.61 0.00	21.73 1.40 0.00
DANSKAMMER___3 23590	19.59 1.18 0.00	17.62 0.98 0.00	17.48 0.93 0.00	15.75 0.82 0.00	15.60 0.76 0.00	15.53 0.71 0.00	15.20 0.79 0.00	16.04 0.86 0.00	17.56 0.99 0.00	18.61 1.05 0.00	19.59 1.26 0.00	19.85 1.32 0.00	20.12 1.28 0.00	20.82 1.43 0.00	21.06 1.42 0.00	22.73 1.51 0.00	27.26 1.92 0.00	31.19 2.26 0.00	32.81 2.40 0.00	30.42 2.12 0.00	27.94 1.80 0.00	26.10 1.75 0.00	23.92 1.61 0.00	21.73 1.40 0.00
DANSKAMMER___4 23591	19.59 1.18 0.00	17.62 0.98 0.00	17.48 0.93 0.00	15.75 0.82 0.00	15.60 0.76 0.00	15.53 0.71 0.00	15.20 0.79 0.00	16.04 0.86 0.00	17.56 0.99 0.00	18.61 1.05 0.00	19.59 1.26 0.00	19.85 1.32 0.00	20.12 1.28 0.00	20.82 1.43 0.00	21.06 1.42 0.00	22.73 1.51 0.00	27.26 1.92 0.00	31.19 2.26 0.00	32.81 2.40 0.00	30.42 2.12 0.00	27.94 1.80 0.00	26.10 1.75 0.00	23.92 1.61 0.00	21.73 1.40 0.00
DANSKAMMER___DIESEL 23592	19.57 1.16 0.00	17.62 0.98 0.00	17.48 0.93 0.00	15.75 0.82 0.00	15.60 0.76 0.00	15.55 0.73 0.00	15.20 0.79 0.00	16.06 0.88 0.00	17.56 0.99 0.00	18.61 1.05 0.00	19.48 1.15 0.00	19.87 1.33 0.00	20.12 1.28 0.00	20.82 1.43 0.00	21.06 1.41 0.00	22.77 1.55 0.00	27.26 1.93 0.00	31.22 2.29 0.00	32.81 2.40 0.00	30.45 2.15 0.00	27.94 1.80 0.00	26.13 1.78 0.00	23.92 1.61 0.00	21.73 1.40 0.00
DARBY___SOLAR 323810	19.62 1.21 0.00	17.68 1.05 0.00	17.60 1.04 0.00	15.87 0.94 0.00	15.76 0.92 0.00	15.75 0.93 0.00	15.35 0.94 0.00	16.13 0.96 0.00	17.63 1.06 0.00	18.66 1.11 0.00	19.48 1.16 0.00	19.72 1.19 0.00	20.01 1.17 0.00	20.63 1.24 0.00	20.74 1.10 0.00	22.45 1.23 0.00	26.65 1.32 0.00	30.49 1.56 0.00	32.23 1.82 0.00	30.08 1.78 0.00	27.71 1.57 0.00	25.81 1.46 0.00	23.65 1.34 0.00	21.50 1.18 0.00
DASHVILLE___HYD 23610	19.38 0.98 0.00	17.47 0.83 0.00	17.32 0.76 0.00	15.58 0.66 0.00	15.44 0.59 0.00	15.38 0.56 0.00	15.03 0.62 0.00	15.85 0.67 0.00	17.35 0.78 0.00	18.38 0.83 0.00	19.24 0.92 0.00	19.65 1.11 0.00	19.88 1.04 0.00	20.59 1.20 0.00	20.80 1.16 0.00	22.51 1.29 0.00	26.98 1.65 0.00	30.87 1.94 0.00	32.42 2.01 0.00	30.08 1.78 0.00	27.60 1.46 0.00	25.83 1.49 0.00	23.67 1.36 0.00	21.50 1.18 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	22.18 2.54 -1.23	19.29 2.33 -0.32	18.76 2.20 0.00	16.61 1.69 0.00	16.58 1.74 0.00	16.54 1.72 0.00	16.23 1.82 0.00	16.85 1.67 0.00	18.61 2.04 0.00	19.95 2.39 0.00	22.68 2.24 -2.12	27.48 2.39 -6.55	30.85 2.39 -9.62	31.85 2.58 -9.88	31.52 2.53 -9.34	33.04 2.80 -9.02	44.85 3.67 -15.84	43.65 4.22 -10.50	43.67 4.35 -8.91	38.26 3.88 -6.08	34.58 3.19 -5.25	33.81 3.04 -6.41	27.22 2.86 -2.06	24.03 2.54 -1.16
DELAWARE___LFGE 323621	19.07 0.66 0.00	17.20 0.57 0.00	17.12 0.56 0.00	15.43 0.51 0.00	15.33 0.49 0.00	15.31 0.49 0.00	14.87 0.46 0.00	15.68 0.50 0.00	17.13 0.56 0.00	18.15 0.60 0.00	18.93 0.60 0.00	19.26 0.72 0.00	19.57 0.73 0.00	20.16 0.78 0.00	20.43 0.79 0.00	22.11 0.89 0.00	26.40 1.06 0.00	30.15 1.22 0.00	31.69 1.28 0.00	29.48 1.19 0.00	27.29 1.15 0.00	25.37 1.02 0.00	23.23 0.91 0.00	21.14 0.81 0.00
DERFIELD_115KV_TB7 355931	18.50 0.09 0.00	16.70 0.07 0.00	16.64 0.08 0.00	15.00 0.07 0.00	14.90 0.06 0.00	14.88 0.06 0.00	14.47 0.06 0.00	15.24 0.06 0.00	16.64 0.07 0.00	17.63 0.07 0.00	18.40 0.07 0.00	18.63 0.09 0.00	18.93 0.09 0.00	19.48 0.10 0.00	19.74 0.10 0.00	21.32 0.11 0.00	25.46 0.13 0.00	29.07 0.14 0.00	30.56 0.15 0.00	28.46 0.17 0.00	26.30 0.16 0.00	24.47 0.12 0.00	22.42 0.11 0.00	20.45 0.12 0.00
DOGLEVILLE___HYD 23807	18.44 0.04 0.00	16.65 0.02 0.00	16.60 0.05 0.00	14.97 0.04 0.00	14.87 0.03 0.00	14.83 0.01 0.00	14.43 0.01 0.00	15.15 -0.03 0.00	16.57 0.00 0.00	17.58 0.02 0.00	18.36 0.04 0.00	18.57 0.04 0.00	18.90 0.06 0.00	19.43 0.04 0.00	19.68 0.04 0.00	21.28 0.06 0.00	25.41 0.08 0.00	29.08 0.15 0.00	30.59 0.18 0.00	28.49 0.20 0.00	26.37 0.23 0.00	24.59 0.24 0.00	22.51 0.20 0.00	20.51 0.18 0.00
DUNKIRK___115KV_TB_200 55889	19.22 0.81 0.00	17.23 0.60 0.00	17.03 0.48 0.00	15.40 0.48 0.00	15.41 0.56 0.00	15.43 0.61 0.00	14.90 0.49 0.00	15.59 0.41 0.00	16.87 0.30 0.00	17.89 0.33 0.00	18.45 0.13 0.00	18.81 0.28 0.00	19.25 0.41 0.00	19.91 0.52 0.00	20.43 0.79 0.00	22.00 0.79 0.00	26.22 0.89 0.00	29.54 0.61 0.00	30.99 0.58 0.00	29.00 0.71 0.00	27.03 0.89 0.00	25.20 0.85 0.00	23.02 0.71 0.00	21.22 0.89 0.00
DUNKIRK___1 23563	19.22 0.81 0.00	17.23 0.60 0.00	17.03 0.48 0.00	15.40 0.48 0.00	15.41 0.56 0.00	15.43 0.61 0.00	14.90 0.49 0.00	15.59 0.41 0.00	16.87 0.30 0.00	17.89 0.33 0.00	18.45 0.13 0.00	18.81 0.28 0.00	19.25 0.41 0.00	19.91 0.52 0.00	20.43 0.79 0.00	22.00 0.79 0.00	26.22 0.89 0.00	29.54 0.61 0.00	30.99 0.58 0.00	29.00 0.71 0.00	27.03 0.89 0.00	25.20 0.85 0.00	23.02 0.71 0.00	21.22 0.89 0.00
DUNKIRK___2 23564	19.22 0.81 0.00	17.23 0.60 0.00	17.03 0.48 0.00	15.40 0.48 0.00	15.41 0.56 0.00	15.43 0.61 0.00	14.90 0.49 0.00	15.59 0.41 0.00	16.87 0.30 0.00	17.89 0.33 0.00	18.45 0.13 0.00	18.81 0.28 0.00	19.25 0.41 0.00	19.91 0.52 0.00	20.43 0.79 0.00	22.00 0.79 0.00	26.22 0.89 0.00	29.54 0.61 0.00	30.99 0.58 0.00	29.00 0.71 0.00	27.03 0.89 0.00	25.20 0.85 0.00	23.02 0.71 0.00	21.22 0.89 0.00
DUNKIRK___3 23565	19.09 0.68 0.00	17.12 0.48 0.00	16.94 0.38 0.00	15.31 0.39 0.00	15.30 0.46 0.00	15.32 0.50 0.00	14.80 0.39 0.00	15.48 0.30 0.00	16.75 0.18 0.00	17.75 0.19 0.00	18.32 0.00 0.00	18.68 0.15 0.00	19.10 0.26 0.00	19.75 0.37 0.00	20.25 0.61 0.00	21.83 0.62 0.00	26.02 0.68 0.00	29.34 0.41 0.00	30.78 0.36 0.00	28.78 0.48 0.00	26.82 0.68 0.00	25.01 0.66 0.00	22.85 0.54 0.00	21.06 0.73 0.00
DUNKIRK___4 23566	19.09 0.68 0.00	17.12 0.48 0.00	16.94 0.38 0.00	15.31 0.39 0.00	15.30 0.46 0.00	15.32 0.50 0.00	14.80 0.39 0.00	15.48 0.30 0.00	16.75 0.18 0.00	17.75 0.19 0.00	18.32 0.00 0.00	18.68 0.15 0.00	19.10 0.26 0.00	19.75 0.37 0.00	20.25 0.61 0.00	21.83 0.62 0.00	26.02 0.68 0.00	29.34 0.41 0.00	30.78 0.36 0.00	28.78 0.48 0.00	26.82 0.68 0.00	25.01 0.66 0.00	22.85 0.54 0.00	21.06 0.73 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	19.60 1.20 0.00	17.67 1.03 0.00	17.51 0.96 0.00	15.78 0.85 0.00	15.63 0.79 0.00	15.59 0.77 0.00	15.28 0.86 0.00	16.10 0.93 0.00	17.63 1.06 0.00	18.72 1.16 0.00	19.61 1.28 0.00	20.04 1.50 0.00	20.29 1.45 0.00	21.00 1.61 0.00	21.24 1.59 0.00	22.94 1.72 0.00	27.46 2.13 0.00	31.39 2.46 0.00	32.87 2.46 0.00	30.56 2.26 0.00	27.97 1.83 0.00	26.15 1.80 0.00	24.01 1.70 0.00	21.79 1.46 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	19.42 1.01 0.00	17.50 0.86 0.00	17.37 0.81 0.00	15.63 0.70 0.00	15.49 0.65 0.00	15.46 0.64 0.00	15.12 0.71 0.00	15.95 0.77 0.00	17.45 0.88 0.00	18.51 0.95 0.00	19.35 1.03 0.00	19.76 1.22 0.00	20.01 1.17 0.00	20.70 1.32 0.00	20.94 1.30 0.00	22.64 1.42 0.00	27.08 1.75 0.00	30.98 2.05 0.00	32.51 2.10 0.00	30.22 1.92 0.00	27.73 1.59 0.00	25.91 1.56 0.00	23.74 1.43 0.00	21.57 1.24 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	19.73 1.33 0.00	17.78 1.15 0.00	17.61 1.06 0.00	15.88 0.96 0.00	15.73 0.89 0.00	15.69 0.87 0.00	15.36 0.95 0.00	16.18 1.00 0.00	17.61 1.04 0.00	18.68 1.12 0.00	19.62 1.30 0.00	20.11 1.58 0.00	20.27 1.43 0.00	21.09 1.71 0.00	21.35 1.71 0.00	23.02 1.80 0.00	27.57 2.23 0.00	31.48 2.55 0.00	32.96 2.55 0.00	30.64 2.35 0.00	27.94 1.80 0.00	26.25 1.90 0.00	24.23 1.92 0.00	22.01 1.69 0.00
E179THST_13_KV_LOAD 356214	19.81 1.40 0.00	17.85 1.21 0.00	17.68 1.13 0.00	15.94 1.02 0.00	15.79 0.95 0.00	15.74 0.92 0.00	15.42 1.01 0.00	16.22 1.05 0.00	17.68 1.11 0.00	18.77 1.21 0.00	19.70 1.37 0.00	20.19 1.65 0.00	20.37 1.53 0.00	21.19 1.80 0.00	21.43 1.79 0.00	23.13 1.91 0.00	27.69 2.36 0.00	31.62 2.69 0.00	33.12 2.71 0.00	30.81 2.52 0.00	28.05 1.91 0.00	26.35 2.00 0.00	24.34 2.03 0.00	22.11 1.79 0.00
EAST HAMPTON___GT 23717	22.51 2.87 -1.23	19.55 2.59 -0.32	19.01 2.45 -0.01	16.85 1.91 -0.01	16.81 1.96 -0.01	16.61 1.78 -0.01	16.45 2.03 -0.01	17.08 1.90 -0.01	18.87 2.29 -0.01	20.27 2.70 -0.01	23.15 2.71 -2.12	27.80 2.71 -6.55	31.23 2.77 -9.62	32.21 2.95 -9.88	31.91 2.93 -9.34	33.46 3.22 -9.02	45.38 4.21 -15.84	44.26 4.83 -10.50	44.31 4.99 -8.91	38.82 4.44 -6.08	35.08 3.69 -5.25	34.24 3.48 -6.41	27.60 3.23 -2.06	24.39 2.91 -1.16
EAST RIVER___6 23660	19.66 1.25 0.00	17.70 1.07 0.00	17.55 0.99 0.00	15.84 0.91 0.00	15.69 0.85 0.00	15.62 0.80 0.00	15.35 0.94 0.00	16.19 1.02 0.00	17.71 1.14 0.00	18.75 1.19 0.00	19.79 1.47 0.00	20.06 1.52 0.00	20.33 1.49 0.00	21.07 1.69 0.00	21.34 1.69 0.00	22.98 1.76 0.00	27.59 2.25 0.00	31.50 2.57 0.00	32.99 2.58 0.00	30.64 2.35 0.00	27.97 1.83 0.00	26.15 1.80 0.00	24.10 1.79 0.00	21.85 1.53 0.00

EAST RIVER___7 23524	19.66 1.25 0.00	17.70 1.07 0.00	17.55 0.99 0.00	15.84 0.91 0.00	15.69 0.85 0.00	15.62 0.80 0.00	15.35 0.94 0.00	16.19 1.02 0.00	17.71 1.14 0.00	18.75 1.19 0.00	19.79 1.47 0.00	20.06 1.52 0.00	20.33 1.49 0.00	21.07 1.69 0.00	21.34 1.69 0.00	22.98 1.76 0.00	27.59 2.25 0.00	31.50 2.57 0.00	32.99 2.58 0.00	30.64 2.35 0.00	27.97 1.83 0.00	26.15 1.80 0.00	24.10 1.79 0.00	21.85 1.53 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	19.57 1.16 0.00	17.63 1.00 0.00	17.48 0.93 0.00	15.75 0.82 0.00	15.60 0.76 0.00	15.56 0.74 0.00	15.25 0.84 0.00	16.07 0.90 0.00	17.60 1.03 0.00	18.68 1.12 0.00	19.55 1.23 0.00	19.98 1.45 0.00	20.23 1.39 0.00	20.94 1.55 0.00	21.18 1.53 0.00	22.87 1.66 0.00	27.39 2.05 0.00	31.30 2.37 0.00	32.78 2.37 0.00	30.47 2.18 0.00	27.92 1.78 0.00	26.08 1.73 0.00	23.94 1.63 0.00	21.75 1.42 0.00
EAST_HAMPTON___DIESEL 23722	22.51 2.87 -1.23	19.55 2.59 -0.32	19.01 2.45 -0.01	16.85 1.91 -0.01	16.82 1.97 -0.01	16.61 1.78 -0.01	16.46 2.05 -0.01	17.10 1.91 -0.01	18.88 2.30 -0.01	20.27 2.70 -0.01	23.17 2.73 -2.12	27.80 2.71 -6.55	31.23 2.77 -9.62	32.23 2.97 -9.88	31.91 2.93 -9.34	33.46 3.22 -9.02	45.41 4.23 -15.84	44.26 4.83 -10.50	44.31 4.99 -8.91	38.82 4.44 -6.08	35.08 3.69 -5.25	34.27 3.51 -6.41	27.62 3.26 -2.06	24.39 2.91 -1.16
EAST_PULASKI___ESR 323781	18.33 -0.07 0.00	16.53 -0.10 0.00	16.44 -0.12 0.00	14.82 -0.10 0.00	14.75 -0.09 0.00	14.73 -0.09 0.00	14.28 -0.13 0.00	15.03 -0.15 0.00	16.39 -0.18 0.00	17.36 -0.19 0.00	18.12 -0.20 0.00	18.37 -0.17 0.00	18.69 -0.15 0.00	19.17 -0.21 0.00	19.45 -0.20 0.00	21.03 -0.19 0.00	25.08 -0.25 0.00	28.67 -0.26 0.00	30.17 -0.24 0.00	28.10 -0.20 0.00	26.09 -0.05 0.00	24.30 -0.05 0.00	22.24 -0.07 0.00	20.27 -0.06 0.00
EAST_RIVER___1 323558	19.68 1.27 0.00	17.72 1.08 0.00	17.56 1.01 0.00	15.82 0.90 0.00	15.67 0.83 0.00	15.60 0.78 0.00	15.32 0.91 0.00	16.15 0.97 0.00	17.70 1.13 0.00	18.77 1.21 0.00	19.79 1.47 0.00	20.07 1.54 0.00	20.35 1.51 0.00	21.09 1.71 0.00	21.34 1.69 0.00	22.98 1.76 0.00	27.59 2.25 0.00	31.50 2.57 0.00	32.99 2.58 0.00	30.67 2.38 0.00	28.02 1.88 0.00	26.20 1.85 0.00	24.10 1.79 0.00	21.87 1.54 0.00
EAST_RIVER___2 323559	19.66 1.25 0.00	17.70 1.07 0.00	17.55 0.99 0.00	15.84 0.91 0.00	15.69 0.85 0.00	15.62 0.80 0.00	15.35 0.94 0.00	16.19 1.02 0.00	17.71 1.14 0.00	18.75 1.19 0.00	19.79 1.47 0.00	20.06 1.52 0.00	20.33 1.49 0.00	21.07 1.69 0.00	21.34 1.69 0.00	22.98 1.76 0.00	27.59 2.25 0.00	31.50 2.57 0.00	32.99 2.58 0.00	30.64 2.35 0.00	27.97 1.83 0.00	26.15 1.80 0.00	24.10 1.79 0.00	21.85 1.53 0.00
EAST___DELAWARE_HYD 23607	19.00 0.59 0.00	17.07 0.43 0.00	16.92 0.36 0.00	15.23 0.30 0.00	15.09 0.25 0.00	15.03 0.21 0.00	14.71 0.30 0.00	15.51 0.33 0.00	17.00 0.43 0.00	18.00 0.44 0.00	18.91 0.59 0.00	19.17 0.63 0.00	19.46 0.62 0.00	20.12 0.74 0.00	20.37 0.73 0.00	22.02 0.81 0.00	26.45 1.11 0.00	30.29 1.36 0.00	31.90 1.49 0.00	29.60 1.30 0.00	27.21 1.07 0.00	25.42 1.07 0.00	23.25 0.94 0.00	21.10 0.77 0.00
EIGHT_POINT___WT_PWR 323820	19.16 0.76 0.00	17.22 0.58 0.00	17.03 0.48 0.00	15.40 0.48 0.00	15.38 0.53 0.00	15.46 0.64 0.00	14.90 0.49 0.00	15.66 0.49 0.00	16.95 0.38 0.00	17.94 0.39 0.00	18.73 0.40 0.00	19.00 0.46 0.00	19.35 0.51 0.00	19.97 0.58 0.00	20.43 0.79 0.00	22.19 0.98 0.00	26.38 1.04 0.00	29.94 1.01 0.00	31.50 1.09 0.00	29.31 1.02 0.00	27.37 1.23 0.00	25.45 1.10 0.00	23.25 0.94 0.00	21.32 1.00 0.00
ELBRIDGE_115KV_TB2 80188	18.48 0.07 0.00	16.67 0.03 0.00	16.55 0.00 0.00	14.91 -0.01 0.00	14.86 0.01 0.00	14.85 0.03 0.00	14.40 -0.01 0.00	15.16 -0.02 0.00	16.55 -0.02 0.00	17.54 -0.02 0.00	18.31 -0.02 0.00	18.54 0.00 0.00	18.88 0.04 0.00	19.41 0.02 0.00	19.70 0.06 0.00	21.30 0.08 0.00	25.44 0.10 0.00	28.99 0.06 0.00	30.47 0.06 0.00	28.32 0.03 0.00	26.24 0.10 0.00	24.42 0.07 0.00	22.38 0.07 0.00	20.41 0.08 0.00
ELEC_TRO_TEK 24086	21.09 1.45 -1.23	18.24 1.28 -0.32	17.83 1.27 0.00	16.05 1.12 0.00	15.91 1.07 0.00	15.87 1.05 0.00	15.54 1.12 0.00	16.39 1.21 0.00	17.95 1.38 0.00	19.03 1.47 0.00	21.92 1.48 -2.12	26.80 1.71 -6.55	30.10 1.64 -9.62	31.07 1.80 -9.88	30.77 1.79 -9.34	32.15 1.91 -9.02	43.58 2.41 -15.84	42.21 2.78 -10.50	42.12 2.80 -8.91	36.93 2.55 -6.08	33.48 2.09 -5.25	32.81 2.05 -6.41	26.35 1.99 -2.06	23.24 1.75 -1.16
ELLENBURG_WT_PWR 323604	18.17 -0.24 0.00	16.44 -0.20 0.00	16.39 -0.17 0.00	14.81 -0.12 0.00	14.77 -0.07 0.00	14.73 -0.09 0.00	14.34 -0.07 0.00	15.10 -0.08 0.00	16.49 -0.08 0.00	17.51 -0.05 0.00	18.16 -0.17 0.00	18.37 -0.17 0.00	18.67 -0.17 0.00	19.19 -0.19 0.00	19.51 -0.14 0.00	20.99 -0.23 0.00	25.11 -0.23 0.00	28.81 -0.12 0.00	30.29 -0.12 0.00	28.21 -0.08 0.00	26.03 -0.10 0.00	24.28 -0.07 0.00	22.13 -0.18 0.00	20.18 -0.14 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	18.91 0.50 0.00	16.95 0.32 0.00	16.77 0.22 0.00	15.17 0.24 0.00	15.15 0.31 0.00	15.18 0.36 0.00	14.64 0.23 0.00	15.28 0.11 0.00	16.52 -0.05 0.00	17.51 -0.05 0.00	18.10 -0.22 0.00	18.43 -0.11 0.00	18.84 0.00 0.00	19.48 0.10 0.00	19.96 0.31 0.00	21.49 0.28 0.00	25.64 0.30 0.00	28.93 0.00 0.00	30.35 -0.06 0.00	28.38 0.08 0.00	26.45 0.31 0.00	24.67 0.32 0.00	22.56 0.25 0.00	20.81 0.49 0.00
EMPIRE_CC_1 323656	19.01 0.61 0.00	17.18 0.55 0.00	17.13 0.58 0.00	15.45 0.52 0.00	15.33 0.49 0.00	15.29 0.47 0.00	14.90 0.49 0.00	15.65 0.47 0.00	17.13 0.56 0.00	18.08 0.53 0.00	18.93 0.60 0.00	19.15 0.61 0.00	19.46 0.62 0.00	20.05 0.66 0.00	20.22 0.57 0.00	21.79 0.57 0.00	26.02 0.68 0.00	29.77 0.84 0.00	31.32 0.91 0.00	29.20 0.91 0.00	26.87 0.73 0.00	25.06 0.71 0.00	22.98 0.67 0.00	21.02 0.69 0.00
EMPIRE_CC_2 323658	19.01 0.61 0.00	17.18 0.55 0.00	17.13 0.58 0.00	15.45 0.52 0.00	15.33 0.49 0.00	15.29 0.47 0.00	14.90 0.49 0.00	15.65 0.47 0.00	17.13 0.56 0.00	18.08 0.53 0.00	18.93 0.60 0.00	19.15 0.61 0.00	19.46 0.62 0.00	20.05 0.66 0.00	20.22 0.57 0.00	21.79 0.57 0.00	26.02 0.68 0.00	29.77 0.84 0.00	31.32 0.91 0.00	29.20 0.91 0.00	26.87 0.73 0.00	25.06 0.71 0.00	22.98 0.67 0.00	21.02 0.69 0.00
ENORWICH_115KV_TB1 80156	19.64 1.23 0.00	17.68 1.05 0.00	17.63 1.08 0.00	15.90 0.97 0.00	15.82 0.98 0.00	15.77 0.95 0.00	15.26 0.85 0.00	16.01 0.83 0.00	17.46 0.89 0.00	18.44 0.88 0.00	19.13 0.81 0.00	19.44 0.91 0.00	19.88 1.04 0.00	20.36 0.97 0.00	20.69 1.04 0.00	22.56 1.34 0.00	27.01 1.67 0.00	30.93 2.00 0.00	32.72 2.31 0.00	30.64 2.35 0.00	28.78 2.64 0.00	26.44 2.09 0.00	24.14 1.83 0.00	22.01 1.69 0.00

ERIE_ST__34_KV_TB1-2 80199	19.02 0.61 0.00	17.03 0.40 0.00	16.84 0.28 0.00	15.23 0.30 0.00	15.21 0.37 0.00	15.23 0.41 0.00	14.71 0.30 0.00	15.33 0.15 0.00	16.57 0.00 0.00	17.58 0.02 0.00	18.14 -0.18 0.00	18.50 -0.04 0.00	18.95 0.11 0.00	19.60 0.21 0.00	20.10 0.45 0.00	21.69 0.47 0.00	25.84 0.51 0.00	29.16 0.23 0.00	30.56 0.15 0.00	28.58 0.28 0.00	26.66 0.52 0.00	24.84 0.49 0.00	22.71 0.40 0.00	20.98 0.65 0.00
ERIE_WT_PWR 323693	19.01 0.61 0.00	17.03 0.40 0.00	16.85 0.30 0.00	15.24 0.31 0.00	15.21 0.37 0.00	15.29 0.47 0.00	14.71 0.30 0.00	15.42 0.24 0.00	16.60 0.03 0.00	17.59 0.04 0.00	18.32 0.00 0.00	18.63 0.09 0.00	18.93 0.09 0.00	19.58 0.19 0.00	20.08 0.43 0.00	21.75 0.53 0.00	25.77 0.43 0.00	29.16 0.23 0.00	30.56 0.15 0.00	28.55 0.25 0.00	26.58 0.44 0.00	24.84 0.49 0.00	22.69 0.38 0.00	20.94 0.61 0.00
ESPRGFLD_115KV_TB1 80157	19.48 1.07 0.00	17.53 0.90 0.00	17.45 0.89 0.00	15.72 0.79 0.00	15.63 0.79 0.00	15.62 0.80 0.00	15.17 0.76 0.00	15.97 0.79 0.00	17.45 0.88 0.00	18.47 0.91 0.00	19.24 0.92 0.00	19.56 1.02 0.00	19.89 1.06 0.00	20.49 1.11 0.00	20.77 1.12 0.00	22.53 1.32 0.00	26.96 1.62 0.00	30.84 1.91 0.00	32.51 2.10 0.00	30.36 2.07 0.00	28.15 2.01 0.00	26.08 1.73 0.00	23.85 1.54 0.00	21.69 1.36 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	18.91 0.50 0.00	17.05 0.42 0.00	16.94 0.38 0.00	15.26 0.33 0.00	15.20 0.36 0.00	15.19 0.37 0.00	14.71 0.30 0.00	15.50 0.32 0.00	16.87 0.30 0.00	17.86 0.30 0.00	18.60 0.27 0.00	18.89 0.35 0.00	19.24 0.40 0.00	19.75 0.37 0.00	20.08 0.43 0.00	21.77 0.55 0.00	26.02 0.68 0.00	29.71 0.78 0.00	31.29 0.88 0.00	29.12 0.82 0.00	27.08 0.94 0.00	25.13 0.78 0.00	23.00 0.69 0.00	20.98 0.65 0.00
ETNA____115KV_TB2 80207	18.91 0.50 0.00	17.05 0.42 0.00	16.94 0.38 0.00	15.26 0.33 0.00	15.20 0.36 0.00	15.19 0.37 0.00	14.71 0.30 0.00	15.50 0.32 0.00	16.87 0.30 0.00	17.86 0.30 0.00	18.60 0.27 0.00	18.89 0.35 0.00	19.24 0.40 0.00	19.75 0.37 0.00	20.08 0.43 0.00	21.77 0.55 0.00	26.02 0.68 0.00	29.71 0.78 0.00	31.29 0.88 0.00	29.12 0.82 0.00	27.08 0.94 0.00	25.13 0.78 0.00	23.00 0.69 0.00	20.98 0.65 0.00
EUCLID____115KV_TB2 356179	18.35 -0.06 0.00	16.55 -0.08 0.00	16.44 -0.12 0.00	14.82 -0.10 0.00	14.75 -0.09 0.00	14.73 -0.09 0.00	14.30 -0.12 0.00	15.06 -0.12 0.00	16.44 -0.13 0.00	17.42 -0.14 0.00	18.18 -0.15 0.00	18.41 -0.13 0.00	18.75 -0.09 0.00	19.25 -0.14 0.00	19.55 -0.10 0.00	21.13 -0.08 0.00	25.21 -0.13 0.00	28.76 -0.17 0.00	30.20 -0.21 0.00	28.10 -0.20 0.00	26.01 -0.13 0.00	24.20 -0.15 0.00	22.18 -0.13 0.00	20.22 -0.10 0.00
E_CANADA_CAP_HY 24051	19.79 1.38 0.00	17.82 1.18 0.00	17.71 1.16 0.00	15.97 1.04 0.00	15.88 1.04 0.00	15.87 1.05 0.00	15.43 1.02 0.00	16.21 1.03 0.00	17.66 1.09 0.00	18.68 1.12 0.00	19.53 1.21 0.00	19.76 1.22 0.00	20.08 1.24 0.00	20.71 1.32 0.00	20.96 1.32 0.00	22.73 1.51 0.00	27.21 1.87 0.00	31.21 2.28 0.00	32.97 2.55 0.00	30.81 2.52 0.00	28.52 2.38 0.00	26.47 2.12 0.00	24.21 1.90 0.00	21.99 1.67 0.00
E_CANADA_MHWK_HY 24050	18.44 0.04 0.00	16.65 0.02 0.00	16.60 0.05 0.00	14.97 0.04 0.00	14.87 0.03 0.00	14.83 0.01 0.00	14.43 0.01 0.00	15.15 -0.03 0.00	16.57 0.00 0.00	17.58 0.02 0.00	18.36 0.04 0.00	18.57 0.04 0.00	18.90 0.06 0.00	19.43 0.04 0.00	19.68 0.04 0.00	21.28 0.06 0.00	25.41 0.08 0.00	29.08 0.15 0.00	30.59 0.18 0.00	28.49 0.20 0.00	26.37 0.23 0.00	24.59 0.24 0.00	22.51 0.20 0.00	20.51 0.18 0.00
E_FISHKILL____LBMP 23776	19.42 1.01 0.00	17.52 0.88 0.00	17.38 0.83 0.00	15.66 0.73 0.00	15.52 0.68 0.00	15.49 0.67 0.00	15.15 0.73 0.00	15.97 0.79 0.00	17.48 0.91 0.00	18.54 0.98 0.00	19.39 1.06 0.00	19.80 1.26 0.00	20.05 1.21 0.00	20.72 1.34 0.00	20.96 1.32 0.00	22.62 1.40 0.00	27.06 1.72 0.00	30.93 2.00 0.00	32.45 2.04 0.00	30.16 1.87 0.00	27.68 1.54 0.00	25.86 1.51 0.00	23.72 1.41 0.00	21.55 1.22 0.00
FALCON____SEABRD_CC1 323796	18.33 -0.07 0.00	16.57 -0.07 0.00	16.52 -0.03 0.00	14.93 0.00 0.00	14.89 0.04 0.00	14.85 0.03 0.00	14.45 0.04 0.00	15.22 0.05 0.00	16.64 0.07 0.00	17.66 0.11 0.00	18.31 -0.02 0.00	18.54 0.00 0.00	18.84 0.00 0.00	19.35 -0.04 0.00	19.68 0.04 0.00	21.15 -0.06 0.00	25.31 -0.03 0.00	29.05 0.12 0.00	30.56 0.15 0.00	28.47 0.17 0.00	26.27 0.13 0.00	24.50 0.15 0.00	22.33 0.02 0.00	20.37 0.04 0.00
FALCON____SEABRD_CC2 323797	18.33 -0.07 0.00	16.57 -0.07 0.00	16.52 -0.03 0.00	14.93 0.00 0.00	14.89 0.04 0.00	14.85 0.03 0.00	14.45 0.04 0.00	15.22 0.05 0.00	16.64 0.07 0.00	17.66 0.11 0.00	18.31 -0.02 0.00	18.54 0.00 0.00	18.84 0.00 0.00	19.35 -0.04 0.00	19.68 0.04 0.00	21.15 -0.06 0.00	25.31 -0.03 0.00	29.05 0.12 0.00	30.56 0.15 0.00	28.47 0.17 0.00	26.27 0.13 0.00	24.50 0.15 0.00	22.33 0.02 0.00	20.37 0.04 0.00
FAR ROCKAWAY____4 23548	21.39 1.75 -1.23	18.49 1.53 -0.32	18.08 1.52 0.00	16.27 1.34 0.00	16.13 1.29 0.00	16.08 1.26 0.00	15.75 1.34 0.00	16.62 1.44 0.00	18.18 1.61 0.00	19.31 1.76 0.00	22.20 1.76 -2.12	27.09 2.00 -6.55	30.42 1.96 -9.62	31.42 2.15 -9.88	31.13 2.14 -9.34	32.57 2.33 -9.02	43.84 2.66 -15.84	42.50 3.07 -10.50	42.43 3.10 -8.91	37.49 3.11 -6.08	33.98 2.59 -5.25	33.27 2.51 -6.41	26.76 2.39 -2.06	23.60 2.11 -1.16
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	19.68 1.27 0.00	17.73 1.10 0.00	17.56 1.01 0.00	15.82 0.90 0.00	15.67 0.83 0.00	15.63 0.82 0.00	15.33 0.92 0.00	16.18 1.00 0.00	17.70 1.13 0.00	18.79 1.23 0.00	19.68 1.36 0.00	20.13 1.59 0.00	20.37 1.53 0.00	21.11 1.73 0.00	21.35 1.71 0.00	23.06 1.85 0.00	27.62 2.28 0.00	31.56 2.63 0.00	33.03 2.62 0.00	30.70 2.41 0.00	28.05 1.91 0.00	26.22 1.87 0.00	24.12 1.81 0.00	21.89 1.57 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	19.68 1.27 0.00	17.73 1.10 0.00	17.56 1.01 0.00	15.82 0.90 0.00	15.67 0.83 0.00	15.63 0.82 0.00	15.33 0.92 0.00	16.18 1.00 0.00	17.70 1.13 0.00	18.79 1.23 0.00	19.68 1.36 0.00	20.13 1.59 0.00	20.37 1.53 0.00	21.11 1.73 0.00	21.35 1.71 0.00	23.06 1.85 0.00	27.62 2.28 0.00	31.56 2.63 0.00	33.03 2.62 0.00	30.73 2.43 0.00	28.05 1.91 0.00	26.22 1.87 0.00	24.12 1.81 0.00	21.91 1.59 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	19.66 1.25 0.00	17.72 1.08 0.00	17.56 1.01 0.00	15.82 0.90 0.00	15.67 0.83 0.00	15.62 0.80 0.00	15.32 0.91 0.00	16.16 0.99 0.00	17.70 1.13 0.00	18.77 1.21 0.00	19.68 1.36 0.00	20.11 1.58 0.00	20.35 1.51 0.00	21.09 1.71 0.00	21.35 1.71 0.00	23.04 1.82 0.00	27.59 2.25 0.00	31.53 2.60 0.00	33.00 2.58 0.00	30.70 2.41 0.00	28.02 1.88 0.00	26.22 1.87 0.00	24.10 1.78 0.00	21.89 1.57 0.00

FARRAGUT___LBMP 323566	19.66 1.25 0.00	17.72 1.08 0.00	17.55 0.99 0.00	15.81 0.88 0.00	15.66 0.82 0.00	15.62 0.80 0.00	15.30 0.89 0.00	16.16 0.99 0.00	17.68 1.11 0.00	18.77 1.21 0.00	19.66 1.34 0.00	20.11 1.58 0.00	20.35 1.51 0.00	21.07 1.69 0.00	21.33 1.69 0.00	23.02 1.80 0.00	27.59 2.25 0.00	31.50 2.57 0.00	32.96 2.55 0.00	30.67 2.38 0.00	28.02 1.88 0.00	26.20 1.85 0.00	24.10 1.78 0.00	21.87 1.54 0.00
FENNER___WINDPWR 24204	18.78 0.37 0.00	16.92 0.28 0.00	16.84 0.28 0.00	15.18 0.25 0.00	15.11 0.27 0.00	15.09 0.27 0.00	14.63 0.22 0.00	15.39 0.21 0.00	16.80 0.23 0.00	17.80 0.25 0.00	18.60 0.28 0.00	18.83 0.30 0.00	19.16 0.32 0.00	19.70 0.31 0.00	19.98 0.33 0.00	21.66 0.45 0.00	25.87 0.53 0.00	29.54 0.61 0.00	31.08 0.67 0.00	28.95 0.65 0.00	26.90 0.76 0.00	24.93 0.58 0.00	22.82 0.51 0.00	20.81 0.49 0.00
FIBERTEK___ENERGY 23856	18.52 0.11 0.00	16.70 0.07 0.00	16.59 0.03 0.00	14.96 0.03 0.00	14.89 0.04 0.00	14.88 0.06 0.00	14.43 0.01 0.00	15.21 0.03 0.00	16.60 0.03 0.00	17.59 0.04 0.00	18.36 0.04 0.00	18.61 0.07 0.00	18.95 0.11 0.00	19.46 0.08 0.00	19.76 0.12 0.00	21.39 0.17 0.00	25.54 0.20 0.00	29.07 0.14 0.00	30.56 0.15 0.00	28.41 0.11 0.00	26.32 0.18 0.00	24.47 0.12 0.00	22.44 0.13 0.00	20.45 0.12 0.00
FITZPATRICK____ 23598	18.08 -0.33 0.00	16.32 -0.32 0.00	16.22 -0.33 0.00	14.61 -0.31 0.00	14.54 -0.30 0.00	14.54 -0.28 0.00	14.11 -0.30 0.00	14.86 -0.32 0.00	16.21 -0.36 0.00	17.17 -0.39 0.00	17.96 -0.37 0.00	18.15 -0.39 0.00	18.44 -0.40 0.00	18.94 -0.45 0.00	19.21 -0.43 0.00	20.77 -0.45 0.00	24.78 -0.56 0.00	28.27 -0.66 0.00	29.71 -0.70 0.00	27.65 -0.65 0.00	25.59 -0.55 0.00	23.81 -0.54 0.00	21.82 -0.49 0.00	19.90 -0.43 0.00
FLOWRFLD_69_KV_BK1 356044	21.63 1.99 -1.23	18.75 1.80 -0.32	18.28 1.72 0.00	16.30 1.37 0.00	16.22 1.38 0.00	16.18 1.36 0.00	15.85 1.44 0.00	16.57 1.40 0.00	18.23 1.66 0.00	19.45 1.90 0.00	22.25 1.81 -2.12	27.09 2.00 -6.55	30.44 1.98 -9.62	31.44 2.17 -9.88	31.11 2.12 -9.34	32.55 2.31 -9.02	44.17 2.99 -15.84	42.90 3.47 -10.50	42.85 3.53 -8.91	37.58 3.20 -6.08	34.00 2.61 -5.25	33.27 2.51 -6.41	26.80 2.43 -2.06	23.62 2.13 -1.16
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	19.59 1.18 0.00	17.63 1.00 0.00	17.50 0.94 0.00	15.76 0.84 0.00	15.61 0.77 0.00	15.58 0.76 0.00	15.23 0.82 0.00	16.07 0.90 0.00	17.60 1.03 0.00	18.65 1.09 0.00	19.50 1.17 0.00	19.91 1.37 0.00	20.16 1.32 0.00	20.86 1.47 0.00	21.08 1.43 0.00	22.81 1.59 0.00	27.31 1.98 0.00	31.27 2.34 0.00	32.87 2.46 0.00	30.47 2.18 0.00	27.99 1.86 0.00	26.18 1.83 0.00	23.94 1.63 0.00	21.77 1.44 0.00
FORT ORANGE____ 23900	19.03 0.63 0.00	17.20 0.57 0.00	17.22 0.66 0.00	15.55 0.63 0.00	15.42 0.58 0.00	15.38 0.56 0.00	14.99 0.58 0.00	15.75 0.58 0.00	17.13 0.56 0.00	18.12 0.56 0.00	18.98 0.66 0.00	19.20 0.67 0.00	19.52 0.68 0.00	20.12 0.74 0.00	20.31 0.67 0.00	21.88 0.66 0.00	26.17 0.83 0.00	29.94 1.01 0.00	31.54 1.13 0.00	29.37 1.07 0.00	27.03 0.89 0.00	25.20 0.85 0.00	23.09 0.78 0.00	21.06 0.73 0.00
FORT_DRUM_COGEN 23780	18.50 0.09 0.00	16.65 0.02 0.00	16.64 0.08 0.00	14.97 0.04 0.00	14.90 0.06 0.00	14.83 0.01 0.00	14.37 -0.04 0.00	15.06 -0.12 0.00	16.44 -0.13 0.00	17.38 -0.18 0.00	18.20 -0.13 0.00	18.41 -0.13 0.00	18.76 -0.08 0.00	19.17 -0.21 0.00	19.45 -0.20 0.00	21.11 -0.11 0.00	25.21 -0.13 0.00	28.99 0.06 0.00	30.65 0.24 0.00	28.66 0.37 0.00	26.82 0.68 0.00	24.84 0.49 0.00	22.67 0.36 0.00	20.61 0.28 0.00
FPL_FAR_ROCK_GT1 24212	21.41 1.77 -1.24	18.49 1.53 -0.33	18.08 1.52 -0.01	16.28 1.34 -0.01	16.14 1.29 -0.01	16.07 1.25 -0.01	15.76 1.34 -0.01	16.61 1.43 -0.01	18.18 1.61 -0.01	19.33 1.76 -0.01	22.33 1.89 -2.12	27.06 1.96 -6.56	30.42 1.96 -9.62	31.42 2.15 -9.89	31.13 2.14 -9.35	32.53 2.29 -9.02	43.84 2.66 -15.85	42.47 3.04 -10.50	42.46 3.13 -8.92	37.50 3.11 -6.09	33.98 2.59 -5.26	33.28 2.51 -6.42	26.76 2.39 -2.06	23.59 2.09 -1.17
FPL_FAR_ROCK_GT2 23815	21.41 1.77 -1.24	18.49 1.53 -0.33	18.08 1.52 -0.01	16.28 1.34 -0.01	16.14 1.29 -0.01	16.07 1.25 -0.01	15.76 1.34 -0.01	16.61 1.43 -0.01	18.18 1.61 -0.01	19.33 1.76 -0.01	22.33 1.89 -2.12	27.06 1.96 -6.56	30.42 1.96 -9.62	31.42 2.15 -9.89	31.13 2.14 -9.35	32.53 2.29 -9.02	43.84 2.66 -15.85	42.47 3.04 -10.50	42.46 3.13 -8.92	37.50 3.11 -6.09	33.98 2.59 -5.26	33.28 2.51 -6.42	26.76 2.39 -2.06	23.59 2.09 -1.17
FRANKLIN_FALL_HYD 24054	18.15 -0.26 0.00	16.38 -0.25 0.00	16.34 -0.22 0.00	14.76 -0.16 0.00	14.72 -0.12 0.00	14.69 -0.13 0.00	14.31 -0.10 0.00	15.09 -0.09 0.00	16.49 -0.08 0.00	17.51 -0.05 0.00	18.29 -0.04 0.00	18.35 -0.19 0.00	18.65 -0.19 0.00	19.15 -0.23 0.00	19.49 -0.16 0.00	20.92 -0.30 0.00	25.06 -0.28 0.00	28.76 -0.17 0.00	30.26 -0.15 0.00	28.18 -0.11 0.00	26.06 -0.08 0.00	24.30 -0.05 0.00	22.15 -0.16 0.00	20.14 -0.18 0.00
FREEPORT_EQUS_GT1 23764	21.33 1.69 -1.23	18.42 1.46 -0.32	18.00 1.44 -0.01	16.19 1.25 -0.01	16.05 1.20 -0.01	15.98 1.16 -0.01	15.69 1.27 -0.01	16.51 1.32 -0.01	18.09 1.51 -0.01	19.22 1.65 -0.01	22.24 1.80 -2.12	26.94 1.85 -6.55	30.28 1.83 -9.62	31.29 2.02 -9.88	30.99 2.00 -9.34	32.36 2.12 -9.02	43.89 2.71 -15.84	42.56 3.13 -10.50	42.52 3.19 -8.92	37.27 2.89 -6.09	33.79 2.40 -5.25	33.08 2.31 -6.41	26.62 2.25 -2.06	23.48 1.99 -1.16
FREEPORT___CT2 23818	21.33 1.69 -1.23	18.42 1.46 -0.32	18.00 1.44 -0.01	16.19 1.25 -0.01	16.05 1.20 -0.01	15.98 1.16 -0.01	15.69 1.27 -0.01	16.51 1.32 -0.01	18.09 1.51 -0.01	19.22 1.65 -0.01	22.24 1.80 -2.12	26.94 1.85 -6.55	30.28 1.83 -9.62	31.29 2.02 -9.88	30.99 2.00 -9.34	32.36 2.12 -9.02	43.89 2.71 -15.84	42.56 3.13 -10.50	42.52 3.19 -8.92	37.27 2.89 -6.09	33.79 2.40 -5.25	33.08 2.31 -6.41	26.62 2.25 -2.06	23.48 1.99 -1.16
FRESHKLS_33_KV_LOAD 356253	19.75 1.34 0.00	17.78 1.15 0.00	17.63 1.08 0.00	15.87 0.94 0.00	15.72 0.88 0.00	15.66 0.84 0.00	15.35 0.94 0.00	16.16 0.99 0.00	17.60 1.03 0.00	18.68 1.12 0.00	19.64 1.32 0.00	20.13 1.59 0.00	20.31 1.47 0.00	21.13 1.74 0.00	21.39 1.75 0.00	23.11 1.89 0.00	27.72 2.38 0.00	31.63 2.72 0.02	33.10 2.71 0.02	30.77 2.49 0.02	28.10 1.96 0.00	26.37 2.02 0.00	24.21 1.90 0.00	21.99 1.67 0.00
FULTON COGEN____ 23766	18.24 -0.17 0.00	16.45 -0.18 0.00	16.36 -0.20 0.00	14.73 -0.19 0.00	14.66 -0.18 0.00	14.66 -0.16 0.00	14.21 -0.20 0.00	14.97 -0.21 0.00	16.34 -0.23 0.00	17.31 -0.25 0.00	18.07 -0.26 0.00	18.30 -0.24 0.00	18.63 -0.21 0.00	19.12 -0.27 0.00	19.39 -0.26 0.00	20.98 -0.23 0.00	25.03 -0.30 0.00	28.55 -0.38 0.00	30.01 -0.40 0.00	27.90 -0.40 0.00	25.88 -0.26 0.00	24.06 -0.29 0.00	22.04 -0.27 0.00	20.10 -0.22 0.00

FULTON___LFGE 323630	20.49 2.08 0.00	18.40 1.76 0.00	18.26 1.71 0.00	16.49 1.57 0.00	16.40 1.56 0.00	16.44 1.62 0.00	15.97 1.56 0.00	16.70 1.52 0.00	18.06 1.49 0.00	19.05 1.49 0.00	19.90 1.58 0.00	20.07 1.54 0.00	20.40 1.56 0.00	21.03 1.65 0.00	21.30 1.65 0.00	23.13 1.91 0.00	27.79 2.46 0.00	32.11 3.18 0.00	34.15 3.74 0.00	32.06 3.76 0.00	29.67 3.53 0.00	27.54 3.19 0.00	25.17 2.86 0.00	22.85 2.52 0.00
G.F.CEMENT___DRP 24184	19.92 1.51 0.00	17.93 1.30 0.00	17.83 1.27 0.00	16.09 1.16 0.00	15.98 1.14 0.00	16.01 1.19 0.00	15.58 1.17 0.00	16.39 1.21 0.00	17.91 1.34 0.00	18.98 1.42 0.00	19.68 1.36 0.00	20.00 1.46 0.00	20.27 1.43 0.00	20.90 1.51 0.00	20.96 1.32 0.00	22.72 1.51 0.00	26.81 1.47 0.00	30.67 1.74 0.00	32.51 2.10 0.00	30.33 2.04 0.00	27.99 1.86 0.00	26.05 1.70 0.00	23.85 1.54 0.00	21.69 1.36 0.00
GARDENVILLE___LBMP 24039	18.94 0.53 0.00	16.98 0.35 0.00	16.80 0.25 0.00	15.20 0.27 0.00	15.18 0.34 0.00	15.21 0.39 0.00	14.67 0.26 0.00	15.31 0.14 0.00	16.55 -0.02 0.00	17.54 -0.02 0.00	18.14 -0.18 0.00	18.46 -0.07 0.00	18.90 0.06 0.00	19.52 0.14 0.00	20.02 0.37 0.00	21.56 0.34 0.00	25.72 0.38 0.00	28.99 0.06 0.00	30.41 0.00 0.00	28.46 0.17 0.00	26.53 0.39 0.00	24.74 0.39 0.00	22.62 0.31 0.00	20.87 0.55 0.00
GARDNVLA_35_KV_LD 355827	19.02 0.61 0.00	17.05 0.42 0.00	16.87 0.31 0.00	15.26 0.33 0.00	15.24 0.40 0.00	15.26 0.44 0.00	14.71 0.30 0.00	15.38 0.20 0.00	16.60 0.03 0.00	17.61 0.05 0.00	18.20 -0.13 0.00	18.52 -0.02 0.00	18.95 0.11 0.00	19.62 0.23 0.00	20.12 0.47 0.00	21.64 0.42 0.00	25.82 0.48 0.00	29.13 0.20 0.00	30.56 0.15 0.00	28.58 0.28 0.00	26.64 0.50 0.00	24.84 0.49 0.00	22.71 0.40 0.00	20.98 0.65 0.00
GELCKHM___115KV_LOAD 80723	18.39 -0.02 0.00	16.60 -0.03 0.00	16.49 -0.07 0.00	14.85 -0.07 0.00	14.78 -0.06 0.00	14.78 -0.04 0.00	14.34 -0.07 0.00	15.10 -0.08 0.00	16.49 -0.08 0.00	17.47 -0.09 0.00	18.23 -0.09 0.00	18.46 -0.07 0.00	18.80 -0.04 0.00	19.31 -0.08 0.00	19.61 -0.04 0.00	21.20 -0.02 0.00	25.31 -0.03 0.00	28.84 -0.09 0.00	30.32 -0.09 0.00	28.18 -0.11 0.00	26.11 -0.03 0.00	24.28 -0.07 0.00	22.27 -0.04 0.00	20.31 -0.02 0.00
GENERAL___MILLS 23808	19.00 0.59 0.00	17.02 0.38 0.00	16.84 0.28 0.00	15.23 0.30 0.00	15.21 0.37 0.00	15.23 0.41 0.00	14.70 0.29 0.00	15.34 0.17 0.00	16.59 0.02 0.00	17.58 0.02 0.00	18.16 -0.16 0.00	18.50 -0.04 0.00	18.93 0.09 0.00	19.58 0.19 0.00	20.06 0.41 0.00	21.60 0.38 0.00	25.77 0.43 0.00	29.07 0.14 0.00	30.50 0.09 0.00	28.52 0.23 0.00	26.58 0.44 0.00	24.79 0.44 0.00	22.67 0.36 0.00	20.94 0.61 0.00
GE_PLASTICS___DRP 24183	18.98 0.57 0.00	17.17 0.53 0.00	17.15 0.60 0.00	15.48 0.55 0.00	15.36 0.52 0.00	15.34 0.52 0.00	14.93 0.52 0.00	15.71 0.53 0.00	17.12 0.55 0.00	18.10 0.54 0.00	18.89 0.57 0.00	19.22 0.69 0.00	19.50 0.66 0.00	20.10 0.72 0.00	20.31 0.67 0.00	21.92 0.70 0.00	26.17 0.84 0.00	29.91 0.98 0.00	31.44 1.03 0.00	29.29 0.99 0.00	26.98 0.84 0.00	25.15 0.80 0.00	23.07 0.76 0.00	21.02 0.69 0.00
GILBOA___1 23756	19.07 0.66 0.00	17.20 0.57 0.00	17.18 0.63 0.00	15.48 0.55 0.00	15.36 0.52 0.00	15.34 0.52 0.00	14.90 0.49 0.00	15.68 0.50 0.00	17.15 0.58 0.00	18.16 0.60 0.00	19.04 0.71 0.00	19.28 0.74 0.00	19.57 0.73 0.00	20.20 0.81 0.00	20.43 0.79 0.00	22.05 0.83 0.00	26.35 1.01 0.00	30.06 1.13 0.00	31.57 1.16 0.00	29.37 1.07 0.00	27.11 0.97 0.00	25.27 0.93 0.00	23.18 0.87 0.00	21.10 0.77 0.00
GILBOA___2 23757	19.07 0.66 0.00	17.20 0.57 0.00	17.18 0.63 0.00	15.48 0.55 0.00	15.36 0.52 0.00	15.34 0.52 0.00	14.90 0.49 0.00	15.68 0.50 0.00	17.15 0.58 0.00	18.16 0.60 0.00	19.04 0.71 0.00	19.28 0.74 0.00	19.57 0.73 0.00	20.20 0.81 0.00	20.43 0.79 0.00	22.05 0.83 0.00	26.35 1.01 0.00	30.06 1.13 0.00	31.57 1.16 0.00	29.37 1.07 0.00	27.11 0.97 0.00	25.27 0.93 0.00	23.18 0.87 0.00	21.10 0.77 0.00
GILBOA___3 23758	19.07 0.66 0.00	17.20 0.57 0.00	17.18 0.63 0.00	15.48 0.55 0.00	15.36 0.52 0.00	15.34 0.52 0.00	14.90 0.49 0.00	15.68 0.50 0.00	17.15 0.58 0.00	18.16 0.60 0.00	19.04 0.71 0.00	19.28 0.74 0.00	19.57 0.73 0.00	20.20 0.81 0.00	20.43 0.79 0.00	22.05 0.83 0.00	26.35 1.01 0.00	30.06 1.13 0.00	31.57 1.16 0.00	29.37 1.07 0.00	27.11 0.97 0.00	25.27 0.93 0.00	23.18 0.87 0.00	21.10 0.77 0.00
GILBOA___4 23759	19.07 0.66 0.00	17.20 0.57 0.00	17.18 0.63 0.00	15.48 0.55 0.00	15.36 0.52 0.00	15.34 0.52 0.00	14.90 0.49 0.00	15.68 0.50 0.00	17.15 0.58 0.00	18.16 0.60 0.00	19.04 0.71 0.00	19.28 0.74 0.00	19.57 0.73 0.00	20.20 0.81 0.00	20.43 0.79 0.00	22.05 0.83 0.00	26.35 1.01 0.00	30.06 1.13 0.00	31.57 1.16 0.00	29.37 1.07 0.00	27.11 0.97 0.00	25.27 0.93 0.00	23.18 0.87 0.00	21.10 0.77 0.00
GILBOA___ 23599	19.05 0.64 0.00	17.20 0.57 0.00	17.18 0.63 0.00	15.48 0.55 0.00	15.36 0.52 0.00	15.34 0.52 0.00	14.90 0.49 0.00	15.69 0.52 0.00	17.15 0.58 0.00	18.15 0.60 0.00	18.95 0.62 0.00	19.30 0.76 0.00	19.57 0.73 0.00	20.20 0.81 0.00	20.43 0.79 0.00	22.07 0.85 0.00	26.35 1.01 0.00	30.06 1.13 0.00	31.57 1.16 0.00	29.37 1.08 0.00	27.11 0.97 0.00	25.27 0.93 0.00	23.18 0.87 0.00	21.10 0.77 0.00
GINNA___ 23603	17.69 -0.72 0.00	15.92 -0.71 0.00	15.78 -0.78 0.00	14.21 -0.72 0.00	14.20 -0.64 0.00	14.24 -0.58 0.00	13.73 -0.68 0.00	14.48 -0.70 0.00	15.74 -0.83 0.00	16.68 -0.88 0.00	17.44 -0.88 0.00	17.68 -0.85 0.00	18.01 -0.83 0.00	18.50 -0.89 0.00	18.86 -0.79 0.00	20.48 -0.74 0.00	24.35 -0.99 0.00	27.69 -1.24 0.00	29.13 -1.28 0.00	27.08 -1.22 0.00	25.09 -1.05 0.00	23.40 -0.95 0.00	21.42 -0.89 0.00	19.57 -0.75 0.00
GLEN PARK___ 23778	18.57 0.17 0.00	16.72 0.08 0.00	16.69 0.13 0.00	15.03 0.11 0.00	14.96 0.12 0.00	14.89 0.07 0.00	14.40 -0.01 0.00	15.10 -0.08 0.00	16.47 -0.10 0.00	17.40 -0.16 0.00	18.25 -0.07 0.00	18.48 -0.06 0.00	18.84 0.00 0.00	19.21 -0.17 0.00	19.51 -0.14 0.00	21.18 -0.04 0.00	25.29 -0.05 0.00	29.10 0.17 0.00	30.78 0.37 0.00	28.80 0.51 0.00	26.97 0.84 0.00	24.96 0.61 0.00	22.78 0.47 0.00	20.69 0.37 0.00
GLENDALE_27_KV_LOAD 356172	19.79 1.38 0.00	17.83 1.20 0.00	17.68 1.13 0.00	15.91 0.99 0.00	15.76 0.92 0.00	15.72 0.90 0.00	15.42 1.01 0.00	16.26 1.08 0.00	17.75 1.18 0.00	18.84 1.28 0.00	19.75 1.43 0.00	20.24 1.71 0.00	20.42 1.58 0.00	21.23 1.84 0.00	21.49 1.85 0.00	23.19 1.97 0.00	27.79 2.46 0.00	31.77 2.84 0.00	33.24 2.83 0.00	30.93 2.63 0.00	28.15 2.01 0.00	26.39 2.05 0.00	24.27 1.96 0.00	22.03 1.71 0.00

GLENWOOD_IC_1_G5 23712	21.09 1.45 -1.23	18.22 1.26 -0.32	17.78 1.23 0.00	16.00 1.07 0.00	15.87 1.02 0.00	15.83 1.01 0.00	15.49 1.08 0.00	16.35 1.17 0.00	17.88 1.31 0.00	19.00 1.44 0.00	21.96 1.52 -2.12	26.83 1.74 -6.55	30.17 1.71 -9.62	31.15 1.88 -9.88	30.85 1.87 -9.34	32.25 2.02 -9.02	43.51 2.33 -15.84	42.12 2.69 -10.50	42.03 2.71 -8.91	36.95 2.57 -6.08	33.59 2.20 -5.25	32.91 2.14 -6.41	26.38 2.01 -2.06	23.26 1.77 -1.16
GLENWOOD_IC_2_G1 23688	20.98 1.34 -1.23	18.12 1.16 -0.32	17.67 1.11 -0.01	15.92 0.98 -0.01	15.79 0.94 -0.01	15.72 0.89 -0.01	15.41 0.99 -0.01	16.25 1.06 -0.01	17.79 1.21 -0.01	18.88 1.32 -0.01	21.98 1.54 -2.12	26.68 1.59 -6.55	30.02 1.56 -9.62	31.01 1.75 -9.88	30.72 1.73 -9.34	32.06 1.83 -9.02	43.46 2.28 -15.84	42.03 2.60 -10.50	42.00 2.68 -8.91	36.81 2.43 -6.08	33.40 2.01 -5.25	32.71 1.95 -6.41	26.22 1.85 -2.06	23.09 1.61 -1.16
GLENWOOD_IC_3_G1 23689	20.98 1.34 -1.23	18.12 1.16 -0.32	17.67 1.11 -0.01	15.92 0.98 -0.01	15.79 0.94 -0.01	15.72 0.89 -0.01	15.41 0.99 -0.01	16.25 1.06 -0.01	17.79 1.21 -0.01	18.88 1.32 -0.01	21.98 1.54 -2.12	26.68 1.59 -6.55	30.02 1.56 -9.62	31.01 1.75 -9.88	30.72 1.73 -9.34	32.06 1.83 -9.02	43.46 2.28 -15.84	42.03 2.60 -10.50	42.00 2.68 -8.91	36.81 2.43 -6.08	33.40 2.01 -5.25	32.71 1.95 -6.41	26.22 1.85 -2.06	23.09 1.61 -1.16
GLENWOOD___4 23550	21.09 1.45 -1.23	18.22 1.26 -0.32	17.78 1.23 0.00	16.00 1.07 0.00	15.87 1.02 0.00	15.83 1.01 0.00	15.49 1.08 0.00	16.35 1.17 0.00	17.88 1.31 0.00	19.00 1.44 0.00	21.96 1.52 -2.12	26.83 1.74 -6.55	30.17 1.71 -9.62	31.15 1.88 -9.88	30.85 1.87 -9.34	32.25 2.02 -9.02	43.58 2.41 -15.84	42.18 2.75 -10.50	42.12 2.80 -8.91	36.98 2.60 -6.08	33.59 2.20 -5.25	32.91 2.14 -6.41	26.38 2.01 -2.06	23.26 1.77 -1.16
GLENWOOD___5 23614	21.09 1.45 -1.23	18.22 1.26 -0.32	17.78 1.23 0.00	16.00 1.07 0.00	15.87 1.02 0.00	15.83 1.01 0.00	15.49 1.08 0.00	16.35 1.17 0.00	17.88 1.31 0.00	19.00 1.44 0.00	21.96 1.52 -2.12	26.83 1.74 -6.55	30.17 1.71 -9.62	31.15 1.88 -9.88	30.85 1.87 -9.34	32.25 2.02 -9.02	43.58 2.41 -15.84	42.18 2.75 -10.50	42.12 2.80 -8.91	36.98 2.60 -6.08	33.59 2.20 -5.25	32.91 2.14 -6.41	26.38 2.01 -2.06	23.26 1.77 -1.16
GLOBAL GREEN_PORT_GT1 23814	22.44 2.80 -1.23	19.49 2.53 -0.32	18.95 2.38 -0.01	16.80 1.87 -0.01	16.76 1.92 -0.01	16.56 1.73 -0.01	16.41 1.99 -0.01	17.04 1.85 -0.01	18.81 2.24 -0.01	20.20 2.63 -0.01	23.08 2.64 -2.12	27.72 2.63 -6.55	31.13 2.67 -9.62	32.16 2.89 -9.88	31.83 2.85 -9.34	33.37 3.14 -9.02	45.31 4.13 -15.84	44.15 4.72 -10.50	44.19 4.86 -8.91	38.71 4.33 -6.08	35.00 3.61 -5.25	34.17 3.41 -6.41	27.53 3.17 -2.06	24.31 2.82 -1.16
GLOBE___DSASP 323697	18.37 -0.04 0.00	16.48 -0.15 0.00	16.31 -0.25 0.00	14.73 -0.19 0.00	14.74 -0.10 0.00	14.75 -0.07 0.00	14.22 -0.19 0.00	14.86 -0.32 0.00	16.04 -0.53 0.00	17.00 -0.56 0.00	17.59 -0.73 0.00	17.87 -0.67 0.00	18.27 -0.57 0.00	18.88 -0.50 0.00	19.35 -0.29 0.00	20.82 -0.40 0.00	24.80 -0.53 0.00	28.00 -0.93 0.00	29.38 -1.03 0.00	27.47 -0.82 0.00	25.59 -0.55 0.00	23.86 -0.49 0.00	21.86 -0.45 0.00	20.20 -0.12 0.00
GOETHSLN___LBMP 323567	19.59 1.18 0.00	17.65 1.01 0.00	17.50 0.94 0.00	15.76 0.84 0.00	15.60 0.76 0.00	15.56 0.74 0.00	15.26 0.85 0.00	16.12 0.94 0.00	17.63 1.06 0.00	18.72 1.16 0.00	19.62 1.30 0.00	20.06 1.52 0.00	20.31 1.47 0.00	21.05 1.67 0.00	21.30 1.65 0.00	22.98 1.76 0.00	27.54 2.20 0.00	31.42 2.49 0.00	32.87 2.46 0.00	30.59 2.29 0.00	27.94 1.80 0.00	26.13 1.78 0.00	24.03 1.72 0.00	21.81 1.48 0.00
GOLAH___69_KV_TB 1_2 80279	18.68 0.28 0.00	16.80 0.17 0.00	16.70 0.15 0.00	15.08 0.15 0.00	15.05 0.21 0.00	15.07 0.25 0.00	14.57 0.16 0.00	15.22 0.05 0.00	16.52 -0.05 0.00	17.51 -0.05 0.00	18.23 -0.09 0.00	18.48 -0.06 0.00	18.86 0.02 0.00	19.43 0.04 0.00	19.86 0.22 0.00	21.49 0.28 0.00	25.69 0.35 0.00	29.05 0.12 0.00	30.56 0.15 0.00	28.46 0.17 0.00	26.43 0.29 0.00	24.67 0.32 0.00	22.56 0.25 0.00	20.65 0.33 0.00
GOODYEAR_LAKE_HYD 323669	19.22 0.81 0.00	17.32 0.68 0.00	17.25 0.70 0.00	15.54 0.61 0.00	15.44 0.59 0.00	15.41 0.59 0.00	14.97 0.56 0.00	15.77 0.59 0.00	17.25 0.68 0.00	18.28 0.72 0.00	19.06 0.73 0.00	19.39 0.85 0.00	19.71 0.87 0.00	20.30 0.91 0.00	20.59 0.94 0.00	22.30 1.08 0.00	26.65 1.32 0.00	30.43 1.50 0.00	32.02 1.61 0.00	29.82 1.53 0.00	27.65 1.52 0.00	25.64 1.29 0.00	23.47 1.16 0.00	21.36 1.04 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	18.85 0.44 0.00	16.98 0.35 0.00	16.85 0.30 0.00	15.21 0.28 0.00	15.14 0.30 0.00	15.15 0.33 0.00	14.68 0.27 0.00	15.45 0.27 0.00	16.84 0.27 0.00	17.86 0.30 0.00	18.56 0.24 0.00	18.89 0.35 0.00	19.24 0.40 0.00	19.81 0.43 0.00	20.14 0.49 0.00	21.79 0.57 0.00	26.02 0.68 0.00	29.57 0.64 0.00	31.08 0.67 0.00	28.92 0.62 0.00	26.82 0.68 0.00	24.96 0.61 0.00	22.85 0.54 0.00	20.85 0.53 0.00
GOUDEY___7 23579	18.87 0.46 0.00	17.00 0.37 0.00	16.87 0.31 0.00	15.23 0.30 0.00	15.15 0.31 0.00	15.15 0.33 0.00	14.70 0.29 0.00	15.47 0.29 0.00	16.85 0.28 0.00	17.86 0.30 0.00	18.58 0.26 0.00	18.91 0.37 0.00	19.25 0.41 0.00	19.83 0.45 0.00	20.16 0.51 0.00	21.81 0.59 0.00	26.05 0.71 0.00	29.60 0.67 0.00	31.11 0.70 0.00	28.95 0.65 0.00	26.84 0.71 0.00	24.98 0.63 0.00	22.87 0.56 0.00	20.87 0.55 0.00
GOUDEY___8 23580	18.85 0.44 0.00	16.98 0.35 0.00	16.85 0.30 0.00	15.21 0.28 0.00	15.14 0.30 0.00	15.15 0.33 0.00	14.68 0.27 0.00	15.45 0.27 0.00	16.84 0.27 0.00	17.86 0.30 0.00	18.56 0.24 0.00	18.89 0.35 0.00	19.24 0.40 0.00	19.81 0.43 0.00	20.14 0.49 0.00	21.79 0.57 0.00	26.02 0.68 0.00	29.57 0.64 0.00	31.08 0.67 0.00	28.92 0.62 0.00	26.82 0.68 0.00	24.96 0.61 0.00	22.85 0.54 0.00	20.85 0.53 0.00
GOWANUS_GT1_1 24077	19.81 1.40 0.00	17.83 1.20 0.00	17.68 1.13 0.00	15.91 0.99 0.00	15.76 0.92 0.00	15.71 0.89 0.00	15.41 0.99 0.00	16.24 1.06 0.00	17.71 1.14 0.00	18.80 1.25 0.00	19.75 1.43 0.00	20.24 1.71 0.00	20.42 1.58 0.00	21.23 1.84 0.00	21.49 1.85 0.00	23.21 1.99 0.00	27.84 2.51 0.00	31.79 2.86 0.00	33.27 2.86 0.00	30.93 2.63 0.00	28.18 2.04 0.00	26.44 2.09 0.00	24.25 1.94 0.00	22.01 1.69 0.00
GOWANUS_GT1_2 24078	19.81 1.40 0.00	17.83 1.20 0.00	17.68 1.13 0.00	15.91 0.99 0.00	15.76 0.92 0.00	15.71 0.89 0.00	15.41 0.99 0.00	16.24 1.06 0.00	17.71 1.14 0.00	18.80 1.25 0.00	19.75 1.43 0.00	20.24 1.71 0.00	20.42 1.58 0.00	21.23 1.84 0.00	21.49 1.85 0.00	23.21 1.99 0.00	27.84 2.51 0.00	31.79 2.86 0.00	33.27 2.86 0.00	30.93 2.63 0.00	28.18 2.04 0.00	26.44 2.09 0.00	24.25 1.94 0.00	22.01 1.69 0.00

GOWANUS_GT1_3 24079	19.81 1.40 0.00	17.83 1.20 0.00	17.68 1.13 0.00	15.91 0.99 0.00	15.76 0.92 0.00	15.71 0.89 0.00	15.41 0.99 0.00	16.24 1.06 0.00	17.71 1.14 0.00	18.80 1.25 0.00	19.75 1.43 0.00	20.24 1.71 0.00	20.42 1.58 0.00	21.23 1.84 0.00	21.49 1.85 0.00	23.21 1.99 0.00	27.84 2.51 0.00	31.79 2.86 0.00	33.27 2.86 0.00	30.93 2.63 0.00	28.18 2.04 0.00	26.44 2.09 0.00	24.25 1.94 0.00	22.01 1.69 0.00
GOWANUS_GT1_4 24080	19.81 1.40 0.00	17.83 1.20 0.00	17.68 1.13 0.00	15.91 0.99 0.00	15.76 0.92 0.00	15.71 0.89 0.00	15.41 0.99 0.00	16.24 1.06 0.00	17.71 1.14 0.00	18.80 1.25 0.00	19.75 1.43 0.00	20.24 1.71 0.00	20.42 1.58 0.00	21.23 1.84 0.00	21.49 1.85 0.00	23.21 1.99 0.00	27.84 2.51 0.00	31.79 2.86 0.00	33.27 2.86 0.00	30.93 2.63 0.00	28.18 2.04 0.00	26.44 2.09 0.00	24.25 1.94 0.00	22.01 1.69 0.00
GOWANUS_GT1_5 24084	19.81 1.40 0.00	17.83 1.20 0.00	17.68 1.13 0.00	15.91 0.99 0.00	15.76 0.92 0.00	15.71 0.89 0.00	15.41 0.99 0.00	16.24 1.06 0.00	17.71 1.14 0.00	18.80 1.25 0.00	19.75 1.43 0.00	20.24 1.71 0.00	20.42 1.58 0.00	21.23 1.84 0.00	21.49 1.85 0.00	23.21 1.99 0.00	27.84 2.51 0.00	31.79 2.86 0.00	33.27 2.86 0.00	30.93 2.63 0.00	28.18 2.04 0.00	26.44 2.09 0.00	24.25 1.94 0.00	22.01 1.69 0.00
GOWANUS_GT1_6 24111	19.81 1.40 0.00	17.83 1.20 0.00	17.68 1.13 0.00	15.91 0.99 0.00	15.76 0.92 0.00	15.71 0.89 0.00	15.41 0.99 0.00	16.24 1.06 0.00	17.71 1.14 0.00	18.80 1.25 0.00	19.75 1.43 0.00	20.24 1.71 0.00	20.42 1.58 0.00	21.23 1.84 0.00	21.49 1.85 0.00	23.21 1.99 0.00	27.84 2.51 0.00	31.79 2.86 0.00	33.27 2.86 0.00	30.93 2.63 0.00	28.18 2.04 0.00	26.44 2.09 0.00	24.25 1.94 0.00	22.01 1.69 0.00
GOWANUS_GT1_7 24112	19.81 1.40 0.00	17.83 1.20 0.00	17.68 1.13 0.00	15.91 0.99 0.00	15.76 0.92 0.00	15.71 0.89 0.00	15.41 0.99 0.00	16.24 1.06 0.00	17.71 1.14 0.00	18.80 1.25 0.00	19.75 1.43 0.00	20.24 1.71 0.00	20.42 1.58 0.00	21.23 1.84 0.00	21.49 1.85 0.00	23.21 1.99 0.00	27.84 2.51 0.00	31.79 2.86 0.00	33.27 2.86 0.00	30.93 2.63 0.00	28.18 2.04 0.00	26.44 2.09 0.00	24.25 1.94 0.00	22.01 1.69 0.00
GOWANUS_GT1_8 24113	19.81 1.40 0.00	17.83 1.20 0.00	17.68 1.13 0.00	15.91 0.99 0.00	15.76 0.92 0.00	15.71 0.89 0.00	15.41 0.99 0.00	16.24 1.06 0.00	17.71 1.14 0.00	18.80 1.25 0.00	19.75 1.43 0.00	20.24 1.71 0.00	20.42 1.58 0.00	21.23 1.84 0.00	21.49 1.85 0.00	23.21 1.99 0.00	27.84 2.51 0.00	31.79 2.86 0.00	33.27 2.86 0.00	30.93 2.63 0.00	28.18 2.04 0.00	26.44 2.09 0.00	24.25 1.94 0.00	22.01 1.69 0.00
GOWANUS_GT2_1 24114	19.83 1.42 -0.01	17.84 1.20 -0.01	17.69 1.13 -0.01	15.92 0.98 -0.01	15.77 0.92 -0.01	15.69 0.87 0.00	15.41 0.99 -0.01	16.22 1.05 0.00	17.71 1.14 0.00	18.80 1.25 0.00	19.88 1.56 0.00	20.19 1.65 0.00	20.42 1.58 0.00	21.23 1.84 0.00	21.50 1.85 -0.01	23.18 1.95 -0.01	27.85 2.51 -0.01	31.77 2.84 -0.01	33.28 2.86 -0.01	30.93 2.63 -0.01	28.18 2.04 0.00	26.45 2.09 -0.01	24.25 1.94 0.00	22.01 1.69 0.00
GOWANUS_GT2_2 24115	19.83 1.42 -0.01	17.84 1.20 -0.01	17.69 1.13 -0.01	15.92 0.98 -0.01	15.77 0.92 -0.01	15.69 0.87 0.00	15.41 0.99 -0.01	16.22 1.05 0.00	17.71 1.14 0.00	18.80 1.25 0.00	19.88 1.56 0.00	20.19 1.65 0.00	20.42 1.58 0.00	21.23 1.84 0.00	21.50 1.85 -0.01	23.18 1.95 -0.01	27.85 2.51 -0.01	31.77 2.84 -0.01	33.28 2.86 -0.01	30.93 2.63 -0.01	28.18 2.04 0.00	26.45 2.09 -0.01	24.25 1.94 0.00	22.01 1.69 0.00
GOWANUS_GT2_3 24116	19.83 1.42 -0.01	17.84 1.20 -0.01	17.69 1.13 -0.01	15.92 0.98 -0.01	15.77 0.92 -0.01	15.69 0.87 0.00	15.41 0.99 -0.01	16.22 1.05 0.00	17.71 1.14 0.00	18.80 1.25 0.00	19.88 1.56 0.00	20.19 1.65 0.00	20.42 1.58 0.00	21.23 1.84 0.00	21.50 1.85 -0.01	23.18 1.95 -0.01	27.85 2.51 -0.01	31.77 2.84 -0.01	33.28 2.86 -0.01	30.93 2.63 -0.01	28.18 2.04 0.00	26.45 2.09 -0.01	24.25 1.94 0.00	22.01 1.69 0.00
GOWANUS_GT2_4 24117	19.83 1.42 -0.01	17.84 1.20 -0.01	17.69 1.13 -0.01	15.92 0.98 -0.01	15.77 0.92 -0.01	15.69 0.87 0.00	15.41 0.99 -0.01	16.22 1.05 0.00	17.71 1.14 0.00	18.80 1.25 0.00	19.88 1.56 0.00	20.19 1.65 0.00	20.42 1.58 0.00	21.23 1.84 0.00	21.50 1.85 -0.01	23.18 1.95 -0.01	27.85 2.51 -0.01	31.77 2.84 -0.01	33.28 2.86 -0.01	30.93 2.63 -0.01	28.18 2.04 0.00	26.45 2.09 -0.01	24.25 1.94 0.00	22.01 1.69 0.00
GOWANUS_GT2_5 24118	19.83 1.42 -0.01	17.84 1.20 -0.01	17.69 1.13 -0.01	15.92 0.98 -0.01	15.77 0.92 -0.01	15.69 0.87 0.00	15.41 0.99 -0.01	16.22 1.05 0.00	17.71 1.14 0.00	18.80 1.25 0.00	19.88 1.56 0.00	20.19 1.65 0.00	20.42 1.58 0.00	21.23 1.84 0.00	21.50 1.85 -0.01	23.18 1.95 -0.01	27.85 2.51 -0.01	31.77 2.84 -0.01	33.28 2.86 -0.01	30.93 2.63 -0.01	28.18 2.04 0.00	26.45 2.09 -0.01	24.25 1.94 0.00	22.01 1.69 0.00
GOWANUS_GT2_6 24119	19.83 1.42 -0.01	17.84 1.20 -0.01	17.69 1.13 -0.01	15.92 0.98 -0.01	15.77 0.92 -0.01	15.69 0.87 0.00	15.41 0.99 -0.01	16.22 1.05 0.00	17.71 1.14 0.00	18.80 1.25 0.00	19.88 1.56 0.00	20.19 1.65 0.00	20.42 1.58 0.00	21.23 1.84 0.00	21.50 1.85 -0.01	23.18 1.95 -0.01	27.85 2.51 -0.01	31.77 2.84 -0.01	33.28 2.86 -0.01	30.93 2.63 -0.01	28.18 2.04 0.00	26.45 2.09 -0.01	24.25 1.94 0.00	22.01 1.69 0.00
GOWANUS_GT2_7 24120	19.83 1.42 -0.01	17.84 1.20 -0.01	17.69 1.13 -0.01	15.92 0.98 -0.01	15.77 0.92 -0.01	15.69 0.87 0.00	15.41 0.99 -0.01	16.22 1.05 0.00	17.71 1.14 0.00	18.80 1.25 0.00	19.88 1.56 0.00	20.19 1.65 0.00	20.42 1.58 0.00	21.23 1.84 0.00	21.50 1.85 -0.01	23.18 1.95 -0.01	27.85 2.51 -0.01	31.77 2.84 -0.01	33.28 2.86 -0.01	30.93 2.63 -0.01	28.18 2.04 0.00	26.45 2.09 -0.01	24.25 1.94 0.00	22.01 1.69 0.00
GOWANUS_GT2_8 24121	19.83 1.42 -0.01	17.84 1.20 -0.01	17.69 1.13 -0.01	15.92 0.98 -0.01	15.77 0.92 -0.01	15.69 0.87 0.00	15.41 0.99 -0.01	16.22 1.05 0.00	17.71 1.14 0.00	18.80 1.25 0.00	19.88 1.56 0.00	20.19 1.65 0.00	20.42 1.58 0.00	21.23 1.84 0.00	21.50 1.85 -0.01	23.18 1.95 -0.01	27.85 2.51 -0.01	31.77 2.84 -0.01	33.28 2.86 -0.01	30.93 2.63 -0.01	28.18 2.04 0.00	26.45 2.09 -0.01	24.25 1.94 0.00	22.01 1.69 0.00
GOWANUS_GT3_1 24122	19.83 1.42 -0.01	17.84 1.20 -0.01	17.69 1.13 -0.01	15.92 0.98 -0.01	15.77 0.92 -0.01	15.69 0.87 0.00	15.41 0.99 -0.01	16.22 1.05 0.00	17.71 1.14 0.00	18.80 1.25 0.00	19.88 1.56 0.00	20.19 1.65 0.00	20.42 1.58 0.00	21.23 1.84 0.00	21.50 1.85 -0.01	23.18 1.95 -0.01	27.85 2.51 -0.01	31.77 2.84 -0.01	33.28 2.86 -0.01	30.93 2.63 -0.01	28.18 2.04 0.00	26.45 2.09 -0.01	24.25 1.94 0.00	22.01 1.69 0.00

GOWANUS_GT3_2 24123	19.83 1.42 -0.01	17.84 1.20 -0.01	17.69 1.13 -0.01	15.92 0.98 -0.01	15.77 0.92 -0.01	15.69 0.87 0.00	15.41 0.99 -0.01	16.22 1.05 0.00	17.71 1.14 0.00	18.80 1.25 0.00	19.88 1.56 0.00	20.19 1.65 0.00	20.42 1.58 0.00	21.23 1.84 0.00	21.50 1.85 -0.01	23.18 1.95 -0.01	27.85 2.51 -0.01	31.77 2.84 -0.01	33.28 2.86 -0.01	30.93 2.63 -0.01	28.18 2.04 0.00	26.45 2.09 -0.01	24.25 1.94 0.00	22.01 1.69 0.00
GOWANUS_GT3_3 24124	19.83 1.42 -0.01	17.84 1.20 -0.01	17.69 1.13 -0.01	15.92 0.98 -0.01	15.77 0.92 -0.01	15.69 0.87 0.00	15.41 0.99 -0.01	16.22 1.05 0.00	17.71 1.14 0.00	18.80 1.25 0.00	19.88 1.56 0.00	20.19 1.65 0.00	20.42 1.58 0.00	21.23 1.84 0.00	21.50 1.85 -0.01	23.18 1.95 -0.01	27.85 2.51 -0.01	31.77 2.84 -0.01	33.28 2.86 -0.01	30.93 2.63 -0.01	28.18 2.04 0.00	26.45 2.09 -0.01	24.25 1.94 0.00	22.01 1.69 0.00
GOWANUS_GT3_4 24125	19.83 1.42 -0.01	17.84 1.20 -0.01	17.69 1.13 -0.01	15.92 0.98 -0.01	15.77 0.92 -0.01	15.69 0.87 0.00	15.41 0.99 -0.01	16.22 1.05 0.00	17.71 1.14 0.00	18.80 1.25 0.00	19.88 1.56 0.00	20.19 1.65 0.00	20.42 1.58 0.00	21.23 1.84 0.00	21.50 1.85 -0.01	23.18 1.95 -0.01	27.85 2.51 -0.01	31.77 2.84 -0.01	33.28 2.86 -0.01	30.93 2.63 -0.01	28.18 2.04 0.00	26.45 2.09 -0.01	24.25 1.94 0.00	22.01 1.69 0.00
GOWANUS_GT3_5 24126	19.83 1.42 -0.01	17.84 1.20 -0.01	17.69 1.13 -0.01	15.92 0.98 -0.01	15.77 0.92 -0.01	15.69 0.87 0.00	15.41 0.99 -0.01	16.22 1.05 0.00	17.71 1.14 0.00	18.80 1.25 0.00	19.88 1.56 0.00	20.19 1.65 0.00	20.42 1.58 0.00	21.23 1.84 0.00	21.50 1.85 -0.01	23.18 1.95 -0.01	27.85 2.51 -0.01	31.77 2.84 -0.01	33.28 2.86 -0.01	30.93 2.63 -0.01	28.18 2.04 0.00	26.45 2.09 -0.01	24.25 1.94 0.00	22.01 1.69 0.00
GOWANUS_GT3_6 24127	19.83 1.42 -0.01	17.84 1.20 -0.01	17.69 1.13 -0.01	15.92 0.98 -0.01	15.77 0.92 -0.01	15.69 0.87 0.00	15.41 0.99 -0.01	16.22 1.05 0.00	17.71 1.14 0.00	18.80 1.25 0.00	19.88 1.56 0.00	20.19 1.65 0.00	20.42 1.58 0.00	21.23 1.84 0.00	21.50 1.85 -0.01	23.18 1.95 -0.01	27.85 2.51 -0.01	31.77 2.84 -0.01	33.28 2.86 -0.01	30.93 2.63 -0.01	28.18 2.04 0.00	26.45 2.09 -0.01	24.25 1.94 0.00	22.01 1.69 0.00
GOWANUS_GT3_7 24128	19.83 1.42 -0.01	17.84 1.20 -0.01	17.69 1.13 -0.01	15.92 0.98 -0.01	15.77 0.92 -0.01	15.69 0.87 0.00	15.41 0.99 -0.01	16.22 1.05 0.00	17.71 1.14 0.00	18.80 1.25 0.00	19.88 1.56 0.00	20.19 1.65 0.00	20.42 1.58 0.00	21.23 1.84 0.00	21.50 1.85 -0.01	23.18 1.95 -0.01	27.85 2.51 -0.01	31.77 2.84 -0.01	33.28 2.86 -0.01	30.93 2.63 -0.01	28.18 2.04 0.00	26.45 2.09 -0.01	24.25 1.94 0.00	22.01 1.69 0.00
GOWANUS_GT3_8 24129	19.83 1.42 -0.01	17.84 1.20 -0.01	17.69 1.13 -0.01	15.92 0.98 -0.01	15.77 0.92 -0.01	15.69 0.87 0.00	15.41 0.99 -0.01	16.22 1.05 0.00	17.71 1.14 0.00	18.80 1.25 0.00	19.88 1.56 0.00	20.19 1.65 0.00	20.42 1.58 0.00	21.23 1.84 0.00	21.50 1.85 -0.01	23.18 1.95 -0.01	27.85 2.51 -0.01	31.77 2.84 -0.01	33.28 2.86 -0.01	30.93 2.63 -0.01	28.18 2.04 0.00	26.45 2.09 -0.01	24.25 1.94 0.00	22.01 1.69 0.00
GOWANUS_GT4_1 24130	19.81 1.40 0.00	17.83 1.20 0.00	17.68 1.13 0.00	15.91 0.99 0.00	15.76 0.92 0.00	15.71 0.89 0.00	15.41 0.99 0.00	16.24 1.06 0.00	17.71 1.14 0.00	18.80 1.25 0.00	19.75 1.43 0.00	20.24 1.71 0.00	20.42 1.58 0.00	21.23 1.84 0.00	21.49 1.85 0.00	23.21 1.99 0.00	27.84 2.51 0.00	31.79 2.86 0.00	33.27 2.86 0.00	30.93 2.63 0.00	28.18 2.04 0.00	26.44 2.09 0.00	24.25 1.94 0.00	22.01 1.69 0.00
GOWANUS_GT4_2 24131	19.81 1.40 0.00	17.83 1.20 0.00	17.68 1.13 0.00	15.91 0.99 0.00	15.76 0.92 0.00	15.71 0.89 0.00	15.41 0.99 0.00	16.24 1.06 0.00	17.71 1.14 0.00	18.80 1.25 0.00	19.75 1.43 0.00	20.24 1.71 0.00	20.42 1.58 0.00	21.23 1.84 0.00	21.49 1.85 0.00	23.21 1.99 0.00	27.84 2.51 0.00	31.79 2.86 0.00	33.27 2.86 0.00	30.93 2.63 0.00	28.18 2.04 0.00	26.44 2.09 0.00	24.25 1.94 0.00	22.01 1.69 0.00
GOWANUS_GT4_3 24132	19.81 1.40 0.00	17.83 1.20 0.00	17.68 1.13 0.00	15.91 0.99 0.00	15.76 0.92 0.00	15.71 0.89 0.00	15.41 0.99 0.00	16.24 1.06 0.00	17.71 1.14 0.00	18.80 1.25 0.00	19.75 1.43 0.00	20.24 1.71 0.00	20.42 1.58 0.00	21.23 1.84 0.00	21.49 1.85 0.00	23.21 1.99 0.00	27.84 2.51 0.00	31.79 2.86 0.00	33.27 2.86 0.00	30.93 2.63 0.00	28.18 2.04 0.00	26.44 2.09 0.00	24.25 1.94 0.00	22.01 1.69 0.00
GOWANUS_GT4_4 24133	19.81 1.40 0.00	17.83 1.20 0.00	17.68 1.13 0.00	15.91 0.99 0.00	15.76 0.92 0.00	15.71 0.89 0.00	15.41 0.99 0.00	16.24 1.06 0.00	17.71 1.14 0.00	18.80 1.25 0.00	19.75 1.43 0.00	20.24 1.71 0.00	20.42 1.58 0.00	21.23 1.84 0.00	21.49 1.85 0.00	23.21 1.99 0.00	27.84 2.51 0.00	31.79 2.86 0.00	33.27 2.86 0.00	30.93 2.63 0.00	28.18 2.04 0.00	26.44 2.09 0.00	24.25 1.94 0.00	22.01 1.69 0.00
GOWANUS_GT4_5 24134	19.81 1.40 0.00	17.83 1.20 0.00	17.68 1.13 0.00	15.91 0.99 0.00	15.76 0.92 0.00	15.71 0.89 0.00	15.41 0.99 0.00	16.24 1.06 0.00	17.71 1.14 0.00	18.80 1.25 0.00	19.75 1.43 0.00	20.24 1.71 0.00	20.42 1.58 0.00	21.23 1.84 0.00	21.49 1.85 0.00	23.21 1.99 0.00	27.84 2.51 0.00	31.79 2.86 0.00	33.27 2.86 0.00	30.93 2.63 0.00	28.18 2.04 0.00	26.44 2.09 0.00	24.25 1.94 0.00	22.01 1.69 0.00
GOWANUS_GT4_6 24135	19.81 1.40 0.00	17.83 1.20 0.00	17.68 1.13 0.00	15.91 0.99 0.00	15.76 0.92 0.00	15.71 0.89 0.00	15.41 0.99 0.00	16.24 1.06 0.00	17.71 1.14 0.00	18.80 1.25 0.00	19.75 1.43 0.00	20.24 1.71 0.00	20.42 1.58 0.00	21.23 1.84 0.00	21.49 1.85 0.00	23.21 1.99 0.00	27.84 2.51 0.00	31.79 2.86 0.00	33.27 2.86 0.00	30.93 2.63 0.00	28.18 2.04 0.00	26.44 2.09 0.00	24.25 1.94 0.00	22.01 1.69 0.00
GOWANUS_GT4_7 24136	19.81 1.40 0.00	17.83 1.20 0.00	17.68 1.13 0.00	15.91 0.99 0.00	15.76 0.92 0.00	15.71 0.89 0.00	15.41 0.99 0.00	16.24 1.06 0.00	17.71 1.14 0.00	18.80 1.25 0.00	19.75 1.43 0.00	20.24 1.71 0.00	20.42 1.58 0.00	21.23 1.84 0.00	21.49 1.85 0.00	23.21 1.99 0.00	27.84 2.51 0.00	31.79 2.86 0.00	33.27 2.86 0.00	30.93 2.63 0.00	28.18 2.04 0.00	26.44 2.09 0.00	24.25 1.94 0.00	22.01 1.69 0.00
GOWANUS_GT4_8 24137	19.81 1.40 0.00	17.83 1.20 0.00	17.68 1.13 0.00	15.91 0.99 0.00	15.76 0.92 0.00	15.71 0.89 0.00	15.41 0.99 0.00	16.24 1.06 0.00	17.71 1.14 0.00	18.80 1.25 0.00	19.75 1.43 0.00	20.24 1.71 0.00	20.42 1.58 0.00	21.23 1.84 0.00	21.49 1.85 0.00	23.21 1.99 0.00	27.84 2.51 0.00	31.79 2.86 0.00	33.27 2.86 0.00	30.93 2.63 0.00	28.18 2.04 0.00	26.44 2.09 0.00	24.25 1.94 0.00	22.01 1.69 0.00

GREENBSH_115KV_TB3 55895	18.91 0.50 0.00	17.10 0.47 0.00	17.13 0.58 0.00	15.48 0.55 0.00	15.35 0.50 0.00	15.31 0.49 0.00	14.90 0.49 0.00	15.68 0.50 0.00	17.07 0.50 0.00	18.05 0.49 0.00	18.82 0.49 0.00	19.15 0.61 0.00	19.42 0.58 0.00	20.05 0.66 0.00	20.23 0.59 0.00	21.79 0.57 0.00	26.02 0.68 0.00	29.77 0.84 0.00	31.32 0.91 0.00	29.14 0.85 0.00	26.82 0.68 0.00	25.03 0.68 0.00	22.94 0.62 0.00	20.92 0.59 0.00
GREENDGE_115KV_TB5 80291	18.92 0.52 0.00	17.02 0.38 0.00	16.87 0.31 0.00	15.21 0.28 0.00	15.17 0.33 0.00	15.21 0.39 0.00	14.71 0.30 0.00	15.47 0.29 0.00	16.82 0.25 0.00	17.82 0.26 0.00	18.51 0.18 0.00	18.83 0.30 0.00	19.22 0.38 0.00	19.79 0.41 0.00	20.18 0.53 0.00	21.85 0.64 0.00	26.12 0.79 0.00	29.68 0.75 0.00	31.26 0.85 0.00	29.03 0.74 0.00	27.03 0.89 0.00	25.10 0.75 0.00	22.96 0.65 0.00	20.98 0.65 0.00
GREENIDGE___3 23582	18.92 0.52 0.00	17.02 0.38 0.00	16.87 0.31 0.00	15.21 0.28 0.00	15.17 0.33 0.00	15.21 0.39 0.00	14.71 0.30 0.00	15.47 0.29 0.00	16.82 0.25 0.00	17.82 0.26 0.00	18.51 0.18 0.00	18.83 0.30 0.00	19.22 0.38 0.00	19.79 0.41 0.00	20.18 0.53 0.00	21.85 0.64 0.00	26.12 0.79 0.00	29.68 0.75 0.00	31.26 0.85 0.00	29.03 0.74 0.00	27.03 0.89 0.00	25.10 0.75 0.00	22.96 0.65 0.00	20.98 0.65 0.00
GREENIDGE___4 23583	18.92 0.51 0.00	17.02 0.38 0.00	16.87 0.31 0.00	15.21 0.28 0.00	15.17 0.33 0.00	15.22 0.40 0.00	14.71 0.30 0.00	15.50 0.32 0.00	16.83 0.26 0.00	17.82 0.26 0.00	18.64 0.31 0.00	18.89 0.35 0.00	19.22 0.38 0.00	19.79 0.41 0.00	20.18 0.53 0.00	21.92 0.70 0.00	26.12 0.79 0.00	29.71 0.78 0.00	31.29 0.88 0.00	29.03 0.73 0.00	27.03 0.89 0.00	25.10 0.76 0.00	22.96 0.65 0.00	20.98 0.65 0.00
GREENLWN_69_KV_BK 3 55738	21.28 1.64 -1.23	18.39 1.43 -0.32	17.96 1.41 0.00	16.15 1.22 0.00	16.01 1.17 0.00	15.98 1.16 0.00	15.65 1.24 0.00	16.47 1.29 0.00	18.04 1.47 0.00	19.19 1.63 -2.12	22.07 1.63 -6.55	26.94 1.85 -9.62	30.27 1.81 -9.88	31.27 2.00 -9.34	30.97 1.98 -9.02	32.38 2.14 -15.84	43.89 2.71 -10.50	42.52 3.10 -8.91	42.46 3.13 -6.08	37.24 2.86 -5.25	33.72 2.33 -6.41	33.03 2.26 -2.06	26.55 2.19 -2.06	23.42 1.93 -1.16
GREENWD_138_KV_38B11_REV_LBMP_J 345004	19.81 1.40 0.00	17.83 1.20 0.00	17.68 1.13 0.00	15.91 0.99 0.00	15.76 0.92 0.00	15.71 0.89 0.00	15.41 0.99 0.00	16.24 1.06 0.00	17.71 1.14 0.00	18.80 1.25 0.00	19.75 1.43 0.00	20.24 1.71 0.00	20.42 1.58 0.00	21.23 1.84 0.00	21.49 1.85 0.00	23.21 1.99 0.00	27.84 2.51 0.00	31.79 2.86 0.00	33.27 2.86 0.00	30.93 2.63 0.00	28.18 2.04 0.00	26.44 2.09 0.00	24.25 1.94 0.00	22.01 1.69 0.00
GRISSOM___SOLAR 323813	20.49 2.08 0.00	18.40 1.76 0.00	18.26 1.71 0.00	16.49 1.57 0.00	16.40 1.56 0.00	16.44 1.62 0.00	15.97 1.56 0.00	16.70 1.52 0.00	18.06 1.49 0.00	19.05 1.49 0.00	19.90 1.58 0.00	20.07 1.54 0.00	20.40 1.56 0.00	21.03 1.65 0.00	21.30 1.65 0.00	23.13 1.91 0.00	27.79 2.46 0.00	32.11 3.18 0.00	34.15 3.74 0.00	32.06 3.76 0.00	29.67 3.53 0.00	27.54 3.19 0.00	25.17 2.86 0.00	22.85 2.52 0.00
GROVEVILLE___HYD 323602	19.59 1.18 0.00	17.63 1.00 0.00	17.50 0.94 0.00	15.76 0.84 0.00	15.61 0.77 0.00	15.58 0.76 0.00	15.23 0.82 0.00	16.07 0.90 0.00	17.60 1.03 0.00	18.65 1.09 0.00	19.50 1.17 0.00	19.91 1.37 0.00	20.16 1.32 0.00	20.86 1.47 0.00	21.08 1.43 0.00	22.81 1.59 0.00	27.31 1.98 0.00	31.27 2.34 0.00	32.87 2.46 0.00	30.47 2.18 0.00	27.99 1.86 0.00	26.18 1.83 0.00	23.94 1.63 0.00	21.77 1.44 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	18.52 0.11 0.00	16.70 0.07 0.00	16.59 0.03 0.00	14.96 0.03 0.00	14.89 0.04 0.00	14.88 0.06 0.00	14.43 0.01 0.00	15.21 0.03 0.00	16.60 0.03 0.00	17.59 0.04 0.00	18.36 0.04 0.00	18.61 0.07 0.00	18.95 0.11 0.00	19.46 0.08 0.00	19.76 0.12 0.00	21.39 0.17 0.00	25.54 0.20 0.00	29.07 0.14 0.00	30.56 0.15 0.00	28.41 0.11 0.00	26.32 0.18 0.00	24.47 0.12 0.00	22.44 0.13 0.00	20.45 0.12 0.00
HAMLTNNY_34_KV_TB 80303	18.57 0.17 0.00	16.75 0.12 0.00	16.62 0.07 0.00	14.99 0.06 0.00	14.92 0.07 0.00	14.91 0.09 0.00	14.45 0.04 0.00	15.24 0.06 0.00	16.64 0.07 0.00	17.63 0.07 0.00	18.40 0.07 0.00	18.65 0.11 0.00	18.99 0.15 0.00	19.52 0.14 0.00	19.82 0.18 0.00	21.43 0.21 0.00	25.61 0.28 0.00	29.16 0.23 0.00	30.65 0.24 0.00	28.49 0.20 0.00	26.40 0.26 0.00	24.57 0.22 0.00	22.51 0.20 0.00	20.53 0.20 0.00
HAMPSHIRE___PAPER_HYD 323593	18.06 -0.35 0.00	16.28 -0.35 0.00	16.26 -0.30 0.00	14.66 -0.27 0.00	14.59 -0.25 0.00	14.54 -0.28 0.00	14.12 -0.29 0.00	14.84 -0.33 0.00	16.21 -0.36 0.00	17.15 -0.40 0.00	17.87 -0.46 0.00	18.07 -0.46 0.00	18.41 -0.43 0.00	18.86 -0.52 0.00	19.13 -0.51 0.00	20.69 -0.53 0.00	24.73 -0.61 0.00	28.38 -0.55 0.00	29.92 -0.49 0.00	27.96 -0.34 0.00	26.06 -0.08 0.00	24.23 -0.12 0.00	22.16 -0.16 0.00	20.16 -0.16 0.00
HARDSCRABBLE_WT_PWR 323673	18.43 0.02 0.00	16.63 0.00 0.00	16.59 0.03 0.00	14.96 0.03 0.00	14.86 0.01 0.00	14.82 0.00 0.00	14.43 0.01 0.00	15.16 -0.02 0.00	16.59 0.02 0.00	17.59 0.04 0.00	18.40 0.07 0.00	18.59 0.06 0.00	18.92 0.08 0.00	19.44 0.06 0.00	19.70 0.06 0.00	21.33 0.11 0.00	25.44 0.10 0.00	29.10 0.17 0.00	30.62 0.21 0.00	28.52 0.23 0.00	26.40 0.26 0.00	24.59 0.24 0.00	22.51 0.20 0.00	20.51 0.18 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	19.48 1.07 0.00	17.53 0.90 0.00	17.40 0.84 0.00	15.67 0.75 0.00	15.52 0.68 0.00	15.49 0.67 0.00	15.16 0.75 0.00	16.00 0.82 0.00	17.51 0.94 0.00	18.58 1.02 0.00	19.42 1.10 0.00	19.83 1.30 0.00	20.10 1.26 0.00	20.80 1.42 0.00	21.04 1.39 0.00	22.77 1.55 0.00	27.24 1.90 0.00	31.13 2.20 0.00	32.69 2.28 0.00	30.33 2.04 0.00	27.84 1.70 0.00	26.01 1.66 0.00	23.83 1.52 0.00	21.65 1.32 0.00
HARSNRAD_115KV_TB1 81005	18.83 0.42 0.00	16.88 0.25 0.00	16.69 0.13 0.00	15.11 0.18 0.00	15.09 0.25 0.00	15.12 0.30 0.00	14.56 0.14 0.00	15.15 -0.03 0.00	16.35 -0.22 0.00	17.33 -0.23 0.00	17.94 -0.38 0.00	18.22 -0.32 0.00	18.65 -0.19 0.00	19.27 -0.12 0.00	19.76 0.12 0.00	21.26 0.04 0.00	25.36 0.03 0.00	28.64 -0.29 0.00	30.05 -0.36 0.00	28.13 -0.17 0.00	26.19 0.05 0.00	24.42 0.07 0.00	22.36 0.04 0.00	20.65 0.33 0.00
HARZA MOOSE___RIVER 24016	18.63 0.22 0.00	16.78 0.15 0.00	16.74 0.18 0.00	15.09 0.16 0.00	15.00 0.16 0.00	14.95 0.13 0.00	14.51 0.10 0.00	15.25 0.08 0.00	16.67 0.10 0.00	17.65 0.09 0.00	18.42 0.09 0.00	18.65 0.11 0.00	18.99 0.15 0.00	19.48 0.10 0.00	19.76 0.12 0.00	21.41 0.19 0.00	25.56 0.23 0.00	29.31 0.38 0.00	30.90 0.49 0.00	28.83 0.54 0.00	26.84 0.71 0.00	24.86 0.51 0.00	22.73 0.42 0.00	20.69 0.37 0.00

HDSNBRDG_115KV_BRDG_TB1 355580	18.43 0.02 0.00	16.62 -0.02 0.00	16.50 -0.05 0.00	14.88 -0.04 0.00	14.81 -0.03 0.00	14.79 -0.03 0.00	14.35 -0.06 0.00	15.12 -0.06 0.00	16.50 -0.07 0.00	17.49 -0.07 0.00	18.25 -0.07 0.00	18.50 -0.04 0.00	18.84 0.00 0.00	19.35 -0.04 0.00	19.65 0.00 0.00	21.24 0.02 0.00	25.36 0.03 0.00	28.90 -0.03 0.00	30.38 -0.03 0.00	28.24 -0.06 0.00	26.16 0.03 0.00	24.32 -0.02 0.00	22.29 -0.02 0.00	20.33 0.00 0.00
HELLGATE_13_KV_LD 55870	19.73 1.33 0.00	17.78 1.15 0.00	17.61 1.06 0.00	15.87 0.94 0.00	15.72 0.88 0.00	15.68 0.86 0.00	15.36 0.95 0.00	16.21 1.03 0.00	17.68 1.11 0.00	18.75 1.19 0.00	19.68 1.36 0.00	20.15 1.61 0.00	20.35 1.51 0.00	21.13 1.74 0.00	21.39 1.75 0.00	23.09 1.87 0.00	27.64 2.31 0.00	31.59 2.66 0.00	33.06 2.65 0.00	30.76 2.46 0.00	28.02 1.88 0.00	26.27 1.92 0.00	24.19 1.87 0.00	21.95 1.63 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	19.73 1.33 0.00	17.78 1.15 0.00	17.61 1.06 0.00	15.87 0.94 0.00	15.72 0.88 0.00	15.68 0.86 0.00	15.36 0.95 0.00	16.21 1.03 0.00	17.68 1.11 0.00	18.75 1.19 0.00	19.68 1.36 0.00	20.15 1.61 0.00	20.35 1.51 0.00	21.13 1.74 0.00	21.39 1.75 0.00	23.09 1.87 0.00	27.64 2.31 0.00	31.59 2.66 0.00	33.06 2.65 0.00	30.76 2.46 0.00	28.02 1.88 0.00	26.27 1.92 0.00	24.19 1.87 0.00	21.95 1.63 0.00
HEMPSTEAD____ 23647	21.13 1.49 -1.23	18.24 1.28 -0.32	17.82 1.26 -0.01	16.04 1.10 -0.01	15.90 1.05 -0.01	15.84 1.01 -0.01	15.53 1.11 -0.01	16.35 1.17 -0.01	17.92 1.34 -0.01	19.04 1.48 -0.01	22.07 1.63 -2.12	26.78 1.69 -6.55	30.12 1.66 -9.62	31.11 1.84 -9.88	30.81 1.83 -9.34	32.15 1.91 -9.02	43.61 2.43 -15.84	42.21 2.78 -10.50	42.15 2.83 -8.91	36.95 2.57 -6.09	33.53 2.14 -5.25	32.83 2.07 -6.41	26.38 2.01 -2.06	23.26 1.77 -1.16
HEWLETT__69_KV_BK3 55828	21.30 1.66 -1.23	18.41 1.45 -0.32	17.99 1.44 0.00	16.21 1.28 0.00	16.07 1.23 0.00	16.02 1.20 0.00	15.69 1.28 0.00	16.56 1.38 0.00	18.11 1.54 0.00	19.23 1.67 0.00	22.11 1.67 -2.12	26.98 1.89 -6.55	30.32 1.87 -9.62	31.30 2.04 -9.88	31.03 2.04 -9.34	32.44 2.21 -9.02	43.79 2.61 -15.84	42.44 3.01 -10.50	42.40 3.07 -8.91	37.32 2.94 -6.08	33.82 2.43 -5.25	33.12 2.36 -6.41	26.62 2.25 -2.06	23.48 1.99 -1.16
HICKLING___1 23621	19.07 0.66 0.00	17.17 0.53 0.00	16.98 0.43 0.00	15.33 0.40 0.00	15.29 0.45 0.00	15.32 0.50 0.00	14.83 0.42 0.00	15.59 0.41 0.00	16.95 0.38 0.00	17.96 0.40 0.00	18.62 0.29 0.00	19.00 0.46 0.00	19.39 0.55 0.00	19.99 0.60 0.00	20.41 0.77 0.00	22.09 0.87 0.00	26.35 1.01 0.00	29.86 0.93 0.00	31.35 0.94 0.00	29.17 0.88 0.00	27.18 1.05 0.00	25.25 0.90 0.00	23.09 0.78 0.00	21.14 0.81 0.00
HICKLING___2 23622	19.07 0.66 0.00	17.17 0.53 0.00	16.98 0.43 0.00	15.33 0.40 0.00	15.29 0.45 0.00	15.32 0.50 0.00	14.83 0.42 0.00	15.59 0.41 0.00	16.95 0.38 0.00	17.96 0.40 0.00	18.62 0.29 0.00	19.00 0.46 0.00	19.39 0.55 0.00	19.99 0.60 0.00	20.41 0.77 0.00	22.09 0.87 0.00	26.35 1.01 0.00	29.86 0.93 0.00	31.35 0.94 0.00	29.17 0.88 0.00	27.18 1.05 0.00	25.25 0.90 0.00	23.09 0.78 0.00	21.14 0.81 0.00
HIGH FALLS___HY 23754	19.48 1.07 0.00	17.50 0.86 0.00	17.33 0.78 0.00	15.60 0.67 0.00	15.45 0.61 0.00	15.40 0.58 0.00	15.07 0.66 0.00	15.91 0.73 0.00	17.43 0.86 0.00	18.45 0.90 0.00	19.29 0.97 0.00	19.70 1.17 0.00	19.97 1.13 0.00	20.67 1.28 0.00	20.92 1.28 0.00	22.66 1.44 0.00	27.19 1.85 0.00	31.13 2.20 0.00	32.75 2.34 0.00	30.39 2.09 0.00	27.92 1.78 0.00	26.08 1.73 0.00	23.87 1.56 0.00	21.67 1.34 0.00
HILLBURN___GT 23639	19.51 1.10 0.00	17.57 0.93 0.00	17.41 0.86 0.00	15.69 0.76 0.00	15.54 0.70 0.00	15.49 0.67 0.00	15.17 0.76 0.00	16.01 0.83 0.00	17.55 0.98 0.00	18.63 1.07 0.00	19.61 1.28 0.00	19.89 1.35 0.00	20.18 1.34 0.00	20.88 1.49 0.00	21.12 1.47 0.00	22.79 1.57 0.00	27.31 1.98 0.00	31.16 2.23 0.00	32.69 2.28 0.00	30.36 2.06 0.00	27.86 1.72 0.00	26.01 1.66 0.00	23.85 1.54 0.00	21.65 1.32 0.00
HILLSIDE_115KV_TB1 80332	18.78 0.37 0.00	16.90 0.27 0.00	16.75 0.20 0.00	15.12 0.19 0.00	15.06 0.22 0.00	15.10 0.28 0.00	14.63 0.22 0.00	15.38 0.20 0.00	16.74 0.17 0.00	17.73 0.18 0.00	18.38 0.05 0.00	18.74 0.20 0.00	19.12 0.28 0.00	19.70 0.31 0.00	20.10 0.45 0.00	21.75 0.53 0.00	25.92 0.58 0.00	29.34 0.41 0.00	30.81 0.40 0.00	28.66 0.37 0.00	26.69 0.55 0.00	24.84 0.49 0.00	22.71 0.40 0.00	20.79 0.47 0.00
HISHELDN_WT_PWR 323625	18.91 0.50 0.00	16.95 0.32 0.00	16.79 0.23 0.00	15.16 0.24 0.00	15.14 0.30 0.00	15.22 0.40 0.00	14.66 0.24 0.00	15.37 0.20 0.00	16.57 0.00 0.00	17.56 0.00 0.00	18.32 0.00 0.00	18.59 0.06 0.00	18.92 0.08 0.00	19.54 0.15 0.00	20.02 0.37 0.00	21.71 0.49 0.00	25.74 0.40 0.00	29.13 0.20 0.00	30.56 0.15 0.00	28.52 0.23 0.00	26.58 0.44 0.00	24.79 0.44 0.00	22.65 0.34 0.00	20.88 0.55 0.00
HOLTSVILLE_IC_1 23690	21.53 1.90 -1.23	18.67 1.71 -0.32	18.20 1.64 -0.01	16.25 1.31 -0.01	16.16 1.31 -0.01	16.01 1.19 -0.01	15.79 1.37 -0.01	16.49 1.31 -0.01	18.15 1.57 -0.01	19.36 1.79 -0.01	22.25 1.81 -2.12	26.92 1.84 -6.55	30.28 1.83 -9.62	31.26 2.00 -9.88	30.89 1.91 -9.34	32.27 2.04 -9.02	43.86 2.68 -15.84	42.53 3.10 -10.50	42.52 3.19 -8.91	37.24 2.86 -6.08	33.74 2.35 -5.25	33.03 2.26 -6.41	26.62 2.25 -2.06	23.44 1.95 -1.16
HOLTSVILLE_IC_10 23699	21.65 2.01 -1.23	18.77 1.81 -0.32	18.30 1.74 -0.01	16.31 1.37 -0.01	16.23 1.38 -0.01	16.09 1.26 -0.01	15.86 1.44 -0.01	16.55 1.37 -0.01	18.22 1.64 -0.01	19.45 1.88 -0.01	22.34 1.91 -2.12	27.04 1.95 -6.55	30.40 1.94 -9.62	31.38 2.11 -9.88	31.03 2.04 -9.34	32.42 2.19 -9.02	44.06 2.89 -15.84	42.78 3.35 -10.50	42.76 3.44 -8.91	37.46 3.08 -6.08	33.92 2.53 -5.25	33.20 2.43 -6.41	26.76 2.39 -2.06	23.56 2.07 -1.16
HOLTSVILLE_IC_2 23691	21.53 1.90 -1.23	18.67 1.71 -0.32	18.20 1.64 -0.01	16.25 1.31 -0.01	16.16 1.31 -0.01	16.01 1.19 -0.01	15.79 1.37 -0.01	16.49 1.31 -0.01	18.15 1.57 -0.01	19.36 1.79 -0.01	22.25 1.81 -2.12	26.92 1.84 -6.55	30.28 1.83 -9.62	31.26 2.00 -9.88	30.89 1.91 -9.34	32.27 2.04 -9.02	43.86 2.68 -15.84	42.53 3.10 -10.50	42.52 3.19 -8.91	37.24 2.86 -6.08	33.74 2.35 -5.25	33.03 2.26 -6.41	26.62 2.25 -2.06	23.44 1.95 -1.16
HOLTSVILLE_IC_3 23692	21.53 1.90 -1.23	18.67 1.71 -0.32	18.20 1.64 -0.01	16.25 1.31 -0.01	16.16 1.31 -0.01	16.01 1.19 -0.01	15.79 1.37 -0.01	16.49 1.31 -0.01	18.15 1.57 -0.01	19.36 1.79 -0.01	22.25 1.81 -2.12	26.92 1.84 -6.55	30.28 1.83 -9.62	31.26 2.00 -9.88	30.89 1.91 -9.34	32.27 2.04 -9.02	43.86 2.68 -15.84	42.53 3.10 -10.50	42.52 3.19 -8.91	37.24 2.86 -6.08	33.74 2.35 -5.25	33.03 2.26 -6.41	26.62 2.25 -2.06	23.44 1.95 -1.16

HOLTSVILLE_IC_4 23693	21.53 1.90 -1.23	18.67 1.71 -0.32	18.20 1.64 -0.01	16.25 1.31 -0.01	16.16 1.31 -0.01	16.01 1.19 -0.01	15.79 1.37 -0.01	16.49 1.31 -0.01	18.15 1.57 -0.01	19.36 1.79 -0.01	22.25 1.81 -2.12	26.92 1.84 -6.55	30.28 1.83 -9.62	31.26 2.00 -9.88	30.89 1.91 -9.34	32.27 2.04 -9.02	43.86 2.68 -15.84	42.53 3.10 -10.50	42.52 3.19 -8.91	37.24 2.86 -6.08	33.74 2.35 -5.25	33.03 2.26 -6.41	26.62 2.25 -2.06	23.44 1.95 -1.16
HOLTSVILLE_IC_5 23694	21.53 1.90 -1.23	18.67 1.71 -0.32	18.20 1.64 -0.01	16.25 1.31 -0.01	16.16 1.31 -0.01	16.01 1.19 -0.01	15.79 1.37 -0.01	16.49 1.31 -0.01	18.15 1.57 -0.01	19.36 1.79 -0.01	22.25 1.81 -2.12	26.92 1.84 -6.55	30.28 1.83 -9.62	31.26 2.00 -9.88	30.89 1.91 -9.34	32.27 2.04 -9.02	43.86 2.68 -15.84	42.53 3.10 -10.50	42.52 3.19 -8.91	37.24 2.86 -6.08	33.74 2.35 -5.25	33.03 2.26 -6.41	26.62 2.25 -2.06	23.44 1.95 -1.16
HOLTSVILLE_IC_6 23695	21.65 2.01 -1.23	18.77 1.81 -0.32	18.30 1.74 -0.01	16.31 1.37 -0.01	16.23 1.38 -0.01	16.09 1.26 -0.01	15.86 1.44 -0.01	16.55 1.37 -0.01	18.22 1.64 -0.01	19.45 1.88 -0.01	22.34 1.91 -2.12	27.04 1.95 -6.55	30.40 1.94 -9.62	31.38 2.11 -9.88	31.03 2.04 -9.34	32.42 2.19 -9.02	44.06 2.89 -15.84	42.78 3.35 -10.50	42.76 3.44 -8.91	37.46 3.08 -6.08	33.92 2.53 -5.25	33.20 2.43 -6.41	26.76 2.39 -2.06	23.56 2.07 -1.16
HOLTSVILLE_IC_7 23696	21.65 2.01 -1.23	18.77 1.81 -0.32	18.30 1.74 -0.01	16.31 1.37 -0.01	16.23 1.38 -0.01	16.09 1.26 -0.01	15.86 1.44 -0.01	16.55 1.37 -0.01	18.22 1.64 -0.01	19.45 1.88 -0.01	22.34 1.91 -2.12	27.04 1.95 -6.55	30.40 1.94 -9.62	31.38 2.11 -9.88	31.03 2.04 -9.34	32.42 2.19 -9.02	44.06 2.89 -15.84	42.78 3.35 -10.50	42.76 3.44 -8.91	37.46 3.08 -6.08	33.92 2.53 -5.25	33.20 2.43 -6.41	26.76 2.39 -2.06	23.56 2.07 -1.16
HOLTSVILLE_IC_8 23697	21.65 2.01 -1.23	18.77 1.81 -0.32	18.30 1.74 -0.01	16.31 1.37 -0.01	16.23 1.38 -0.01	16.09 1.26 -0.01	15.86 1.44 -0.01	16.55 1.37 -0.01	18.22 1.64 -0.01	19.45 1.88 -0.01	22.34 1.91 -2.12	27.04 1.95 -6.55	30.40 1.94 -9.62	31.38 2.11 -9.88	31.03 2.04 -9.34	32.42 2.19 -9.02	44.06 2.89 -15.84	42.78 3.35 -10.50	42.76 3.44 -8.91	37.46 3.08 -6.08	33.92 2.53 -5.25	33.20 2.43 -6.41	26.76 2.39 -2.06	23.56 2.07 -1.16
HOLTSVILLE_IC_9 23698	21.65 2.01 -1.23	18.77 1.81 -0.32	18.30 1.74 -0.01	16.31 1.37 -0.01	16.23 1.38 -0.01	16.09 1.26 -0.01	15.86 1.44 -0.01	16.55 1.37 -0.01	18.22 1.64 -0.01	19.45 1.88 -0.01	22.34 1.91 -2.12	27.04 1.95 -6.55	30.40 1.94 -9.62	31.38 2.11 -9.88	31.03 2.04 -9.34	32.42 2.19 -9.02	44.06 2.89 -15.84	42.78 3.35 -10.50	42.76 3.44 -8.91	37.46 3.08 -6.08	33.92 2.53 -5.25	33.20 2.43 -6.41	26.76 2.39 -2.06	23.56 2.07 -1.16
HOMER_HL_115KV_TB2 355744	18.91 0.50 0.00	16.97 0.33 0.00	16.77 0.22 0.00	15.17 0.24 0.00	15.14 0.30 0.00	15.19 0.37 0.00	14.70 0.29 0.00	15.36 0.18 0.00	16.65 0.08 0.00	17.65 0.09 0.00	18.18 -0.15 0.00	18.59 0.06 0.00	19.01 0.17 0.00	19.64 0.25 0.00	20.16 0.51 0.00	21.73 0.51 0.00	25.87 0.53 0.00	29.10 0.17 0.00	30.53 0.12 0.00	28.52 0.23 0.00	26.64 0.50 0.00	24.81 0.46 0.00	22.67 0.36 0.00	20.90 0.57 0.00
HOWARD_WT_PWR 323690	19.16 0.76 0.00	17.22 0.58 0.00	17.03 0.48 0.00	15.40 0.48 0.00	15.38 0.53 0.00	15.46 0.64 0.00	14.90 0.49 0.00	15.68 0.50 0.00	16.95 0.38 0.00	17.94 0.39 0.00	18.75 0.42 0.00	19.02 0.48 0.00	19.37 0.53 0.00	19.99 0.60 0.00	20.45 0.81 0.00	22.22 1.00 0.00	26.42 1.09 0.00	29.97 1.04 0.00	31.54 1.13 0.00	29.34 1.05 0.00	27.39 1.25 0.00	25.47 1.12 0.00	23.27 0.96 0.00	21.34 1.02 0.00
HQ_GEN_CEDARS 23644	17.93 -0.48 0.00	16.22 -0.42 0.00	16.16 -0.40 0.00	14.58 -0.34 0.00	14.53 -0.31 0.00	14.51 -0.31 0.00	14.12 -0.29 0.00	14.87 -0.30 0.00	16.22 -0.35 0.00	17.21 -0.35 0.00	17.98 -0.35 0.00	18.04 -0.50 0.00	18.33 -0.51 0.00	18.84 -0.54 0.00	19.13 -0.51 0.00	20.60 -0.62 0.00	24.63 -0.71 0.00	28.18 -0.75 0.00	29.65 -0.76 0.00	27.62 -0.68 0.00	25.56 -0.58 0.00	23.86 -0.49 0.00	21.82 -0.49 0.00	19.86 -0.47 0.00
HQ_GEN_CEDARS_PROXY 323590	17.93 -0.48 0.00	16.22 -0.42 0.00	16.16 -0.40 0.00	14.58 -0.34 0.00	14.53 -0.31 0.00	14.51 -0.31 0.00	14.12 -0.29 0.00	14.87 -0.30 0.00	16.22 -0.35 0.00	17.21 -0.35 0.00	17.83 -0.49 0.00	18.04 -0.50 0.00	18.33 -0.51 0.00	18.84 -0.54 0.00	19.13 -0.51 0.00	20.58 -0.64 0.00	24.63 -0.71 0.00	28.18 -0.75 0.00	29.65 -0.76 0.00	27.62 -0.68 0.00	25.56 -0.58 0.00	23.86 -0.49 0.00	21.82 -0.49 0.00	19.88 -0.45 0.00
HQ_GEN_IMPORT 323601	18.04 -0.37 0.00	16.35 -0.28 0.00	16.27 -0.28 0.00	14.69 -0.24 0.00	14.62 -0.22 0.00	14.58 -0.24 0.00	14.20 -0.22 0.00	14.95 -0.23 0.00	16.32 -0.25 0.00	17.30 -0.26 0.00	17.96 -0.37 0.00	18.17 -0.37 0.00	18.46 -0.38 0.00	19.00 -0.39 0.00	19.25 -0.39 0.00	20.77 -0.45 0.00	24.80 -0.53 0.00	28.35 -0.58 0.00	29.80 -0.61 0.00	27.76 -0.54 0.00	25.64 -0.50 0.00	23.89 -0.46 0.00	21.89 -0.42 0.00	19.94 -0.39 0.00
HQ_GEN_WHEEL 23651	18.04 -0.37 0.00	16.35 -0.28 0.00	16.27 -0.28 0.00	14.69 -0.24 0.00	14.62 -0.22 0.00	14.58 -0.24 0.00	14.20 -0.22 0.00	14.95 -0.23 0.00	16.32 -0.25 0.00	17.30 -0.26 0.00	17.96 -0.37 0.00	18.17 -0.37 0.00	18.46 -0.38 0.00	19.00 -0.39 0.00	19.25 -0.39 0.00	20.77 -0.45 0.00	24.80 -0.53 0.00	28.35 -0.58 0.00	29.80 -0.61 0.00	27.76 -0.54 0.00	25.64 -0.50 0.00	23.89 -0.46 0.00	21.89 -0.42 0.00	19.94 -0.39 0.00
HUDSON_AVE_GT_3 23810	19.68 1.27 0.00	17.73 1.10 0.00	17.56 1.01 0.00	15.82 0.90 0.00	15.67 0.83 0.00	15.62 0.80 0.00	15.32 0.91 0.00	16.18 1.00 0.00	17.70 1.13 0.00	18.79 1.23 0.00	19.68 1.36 0.00	20.13 1.59 0.00	20.37 1.53 0.00	21.11 1.73 0.00	21.35 1.71 0.00	23.06 1.85 0.00	27.62 2.28 0.00	31.56 2.63 0.00	33.03 2.62 0.00	30.73 2.43 0.00	28.05 1.91 0.00	26.22 1.87 0.00	24.12 1.81 0.00	21.89 1.57 0.00
HUDSON_AVE_GT_4 23540	19.68 1.27 0.00	17.73 1.10 0.00	17.56 1.01 0.00	15.82 0.90 0.00	15.67 0.83 0.00	15.62 0.80 0.00	15.32 0.91 0.00	16.18 1.00 0.00	17.70 1.13 0.00	18.79 1.23 0.00	19.68 1.36 0.00	20.13 1.59 0.00	20.37 1.53 0.00	21.11 1.73 0.00	21.35 1.71 0.00	23.06 1.85 0.00	27.62 2.28 0.00	31.56 2.63 0.00	33.03 2.62 0.00	30.73 2.43 0.00	28.05 1.91 0.00	26.22 1.87 0.00	24.12 1.81 0.00	21.89 1.57 0.00
HUDSON_AVE_GT_5 23657	19.68 1.27 0.00	17.73 1.10 0.00	17.56 1.01 0.00	15.82 0.90 0.00	15.67 0.83 0.00	15.62 0.80 0.00	15.32 0.91 0.00	16.18 1.00 0.00	17.70 1.13 0.00	18.79 1.23 0.00	19.68 1.36 0.00	20.13 1.59 0.00	20.37 1.53 0.00	21.11 1.73 0.00	21.35 1.71 0.00	23.06 1.85 0.00	27.62 2.28 0.00	31.56 2.63 0.00	33.03 2.62 0.00	30.73 2.43 0.00	28.05 1.91 0.00	26.22 1.87 0.00	24.12 1.81 0.00	21.89 1.57 0.00

HUDSON_AVE_10 24168	19.64 1.23 0.00	17.70 1.06 0.00	17.53 0.98 0.00	15.79 0.87 0.00	15.64 0.80 0.00	15.59 0.77 0.00	15.30 0.89 0.00	16.16 0.99 0.00	17.68 1.11 0.00	18.75 1.19 0.00	19.64 1.32 0.00	20.09 1.56 0.00	20.33 1.49 0.00	21.07 1.69 0.00	21.32 1.67 0.00	23.02 1.80 0.00	27.57 2.23 0.00	31.50 2.57 0.00	32.96 2.55 0.00	30.67 2.38 0.00	27.99 1.86 0.00	26.18 1.83 0.00	24.10 1.78 0.00	21.87 1.54 0.00
HUDSON___115KV_TB 4 355613	19.27 0.87 0.00	17.40 0.77 0.00	17.42 0.86 0.00	15.73 0.81 0.00	15.60 0.76 0.00	15.58 0.76 0.00	15.15 0.73 0.00	15.94 0.76 0.00	17.33 0.76 0.00	18.30 0.74 0.00	19.09 0.77 0.00	19.41 0.87 0.00	19.69 0.85 0.00	20.32 0.93 0.00	20.51 0.86 0.00	22.15 0.93 0.00	26.50 1.17 0.00	30.38 1.45 0.00	32.02 1.61 0.00	29.82 1.53 0.00	27.47 1.33 0.00	25.62 1.27 0.00	23.45 1.14 0.00	21.36 1.04 0.00
HUNTER MOUNT___DRP 323613	19.31 0.90 0.00	17.43 0.80 0.00	17.46 0.91 0.00	15.78 0.85 0.00	15.64 0.80 0.00	15.62 0.80 0.00	15.19 0.78 0.00	15.98 0.80 0.00	17.37 0.80 0.00	18.31 0.75 0.00	19.09 0.77 0.00	19.39 0.85 0.00	19.67 0.83 0.00	20.30 0.91 0.00	20.47 0.83 0.00	22.13 0.91 0.00	26.50 1.17 0.00	30.38 1.45 0.00	32.11 1.70 0.00	29.88 1.58 0.00	27.55 1.41 0.00	25.71 1.36 0.00	23.47 1.16 0.00	21.40 1.08 0.00
HUNTINGTON_RES_REC 323705	21.46 1.82 -1.23	18.55 1.60 -0.32	18.10 1.54 -0.01	16.22 1.28 -0.01	16.11 1.26 -0.01	16.00 1.17 -0.01	15.74 1.32 -0.01	16.51 1.32 -0.01	18.12 1.54 -0.01	19.32 1.76 -0.01	22.29 1.85 -2.12	27.00 1.91 -6.55	30.36 1.90 -9.62	31.36 2.09 -9.88	31.05 2.06 -9.34	32.44 2.21 -9.02	44.06 2.89 -15.84	42.72 3.30 -10.50	42.70 3.38 -8.91	37.41 3.03 -6.08	33.90 2.51 -5.25	33.15 2.39 -6.41	26.69 2.32 -2.06	23.52 2.03 -1.16
HUNTLEY___63 23557	18.91 0.50 0.00	16.95 0.32 0.00	16.77 0.22 0.00	15.17 0.24 0.00	15.15 0.31 0.00	15.18 0.36 0.00	14.61 0.20 0.00	15.24 0.06 0.00	16.45 -0.12 0.00	17.44 -0.12 0.00	18.03 -0.29 0.00	18.33 -0.20 0.00	18.76 -0.08 0.00	19.43 0.04 0.00	19.90 0.26 0.00	21.43 0.21 0.00	25.54 0.20 0.00	28.84 -0.09 0.00	30.23 -0.18 0.00	28.29 0.00 0.00	26.37 0.24 0.00	24.59 0.24 0.00	22.53 0.22 0.00	20.81 0.49 0.00
HUNTLEY___64 23558	18.91 0.50 0.00	16.95 0.32 0.00	16.77 0.22 0.00	15.17 0.24 0.00	15.15 0.31 0.00	15.18 0.36 0.00	14.61 0.20 0.00	15.24 0.06 0.00	16.45 -0.12 0.00	17.44 -0.12 0.00	18.03 -0.29 0.00	18.33 -0.20 0.00	18.76 -0.08 0.00	19.43 0.04 0.00	19.90 0.26 0.00	21.43 0.21 0.00	25.54 0.20 0.00	28.84 -0.09 0.00	30.23 -0.18 0.00	28.29 0.00 0.00	26.37 0.24 0.00	24.59 0.24 0.00	22.53 0.22 0.00	20.81 0.49 0.00
HUNTLEY___65 23559	18.91 0.50 0.00	16.95 0.32 0.00	16.77 0.22 0.00	15.17 0.24 0.00	15.15 0.31 0.00	15.18 0.36 0.00	14.61 0.20 0.00	15.24 0.06 0.00	16.45 -0.12 0.00	17.44 -0.12 0.00	18.03 -0.29 0.00	18.33 -0.20 0.00	18.76 -0.08 0.00	19.43 0.04 0.00	19.90 0.26 0.00	21.43 0.21 0.00	25.54 0.20 0.00	28.84 -0.09 0.00	30.23 -0.18 0.00	28.29 0.00 0.00	26.37 0.24 0.00	24.59 0.24 0.00	22.53 0.22 0.00	20.81 0.49 0.00
HUNTLEY___66 23560	18.91 0.50 0.00	16.95 0.32 0.00	16.77 0.22 0.00	15.17 0.24 0.00	15.15 0.31 0.00	15.18 0.36 0.00	14.61 0.20 0.00	15.24 0.06 0.00	16.45 -0.12 0.00	17.44 -0.12 0.00	18.03 -0.29 0.00	18.33 -0.20 0.00	18.76 -0.08 0.00	19.43 0.04 0.00	19.90 0.26 0.00	21.43 0.21 0.00	25.54 0.20 0.00	28.84 -0.09 0.00	30.23 -0.18 0.00	28.29 0.00 0.00	26.37 0.24 0.00	24.59 0.24 0.00	22.53 0.22 0.00	20.81 0.49 0.00
HUNTLEY___67 23561	18.79 0.39 0.00	16.87 0.23 0.00	16.69 0.13 0.00	15.08 0.15 0.00	15.06 0.22 0.00	15.09 0.27 0.00	14.56 0.14 0.00	15.19 0.02 0.00	16.42 -0.15 0.00	17.40 -0.16 0.00	18.01 -0.31 0.00	18.31 -0.22 0.00	18.73 -0.11 0.00	19.35 -0.04 0.00	19.84 0.20 0.00	21.35 0.13 0.00	25.46 0.13 0.00	28.73 -0.20 0.00	30.14 -0.27 0.00	28.18 -0.11 0.00	26.27 0.13 0.00	24.50 0.15 0.00	22.40 0.09 0.00	20.69 0.37 0.00
HUNTLEY___68 23562	18.79 0.39 0.00	16.87 0.23 0.00	16.69 0.13 0.00	15.08 0.15 0.00	15.06 0.22 0.00	15.09 0.27 0.00	14.56 0.14 0.00	15.19 0.02 0.00	16.42 -0.15 0.00	17.40 -0.16 0.00	18.01 -0.31 0.00	18.31 -0.22 0.00	18.73 -0.11 0.00	19.35 -0.04 0.00	19.84 0.20 0.00	21.35 0.13 0.00	25.46 0.13 0.00	28.73 -0.20 0.00	30.14 -0.27 0.00	28.18 -0.11 0.00	26.27 0.13 0.00	24.50 0.15 0.00	22.40 0.09 0.00	20.69 0.37 0.00
HYLAND___LFGE 323620	19.40 0.99 0.00	17.42 0.78 0.00	17.23 0.68 0.00	15.52 0.60 0.00	15.54 0.70 0.00	15.62 0.80 0.00	14.90 0.49 0.00	15.39 0.21 0.00	16.30 -0.27 0.00	17.08 -0.47 0.00	17.72 -0.60 0.00	17.94 -0.59 0.00	18.28 -0.56 0.00	18.94 -0.45 0.00	19.39 -0.26 0.00	21.03 -0.19 0.00	25.24 -0.10 0.00	29.10 0.17 0.00	31.17 0.76 0.00	29.60 1.30 0.00	27.73 1.59 0.00	25.83 1.49 0.00	23.60 1.29 0.00	21.59 1.26 0.00
INDECK___CORINTH 23802	19.90 1.49 0.00	17.92 1.28 0.00	17.81 1.26 0.00	16.06 1.13 0.00	15.97 1.13 0.00	15.96 1.14 0.00	15.55 1.14 0.00	16.36 1.18 0.00	17.88 1.31 0.00	18.96 1.41 0.00	19.72 1.39 0.00	19.93 1.39 0.00	20.21 1.37 0.00	20.84 1.45 0.00	20.88 1.24 0.00	22.64 1.42 0.00	26.48 1.14 0.00	30.23 1.30 0.00	32.11 1.70 0.00	29.96 1.67 0.00	27.65 1.52 0.00	25.74 1.39 0.00	23.58 1.27 0.00	21.42 1.10 0.00
INDECK___ILION 23567	18.50 0.09 0.00	16.72 0.08 0.00	16.65 0.10 0.00	15.00 0.07 0.00	14.92 0.07 0.00	14.88 0.06 0.00	14.47 0.06 0.00	15.22 0.05 0.00	16.64 0.07 0.00	17.63 0.07 0.00	18.40 0.07 0.00	18.65 0.11 0.00	18.95 0.11 0.00	19.50 0.12 0.00	19.74 0.10 0.00	21.37 0.15 0.00	25.49 0.15 0.00	29.13 0.20 0.00	30.65 0.24 0.00	28.55 0.25 0.00	26.40 0.26 0.00	24.57 0.22 0.00	22.51 0.20 0.00	20.51 0.18 0.00
INDECK___OLEAN 23982	18.91 0.50 0.00	16.97 0.33 0.00	16.77 0.21 0.00	15.16 0.24 0.00	15.14 0.30 0.00	15.23 0.41 0.00	14.70 0.29 0.00	15.39 0.21 0.00	16.65 0.08 0.00	17.65 0.09 0.00	18.42 0.09 0.00	18.67 0.13 0.00	19.01 0.17 0.00	19.64 0.25 0.00	20.16 0.51 0.00	21.81 0.59 0.00	25.87 0.53 0.00	29.19 0.26 0.00	30.59 0.18 0.00	28.52 0.23 0.00	26.63 0.50 0.00	24.84 0.49 0.00	22.67 0.36 0.00	20.89 0.57 0.00
INDECK___OSWEGO 23783	18.21 -0.20 0.00	16.42 -0.22 0.00	16.32 -0.23 0.00	14.72 -0.21 0.00	14.65 -0.19 0.00	14.63 -0.19 0.00	14.20 -0.22 0.00	14.95 -0.23 0.00	16.30 -0.27 0.00	17.28 -0.28 0.00	18.09 -0.24 0.00	18.28 -0.26 0.00	18.58 -0.26 0.00	19.08 -0.31 0.00	19.35 -0.29 0.00	20.94 -0.28 0.00	24.96 -0.38 0.00	28.50 -0.43 0.00	29.95 -0.46 0.00	27.84 -0.45 0.00	25.80 -0.34 0.00	24.01 -0.34 0.00	22.00 -0.31 0.00	20.06 -0.26 0.00

INDECK___YERKES 23781	18.92 0.51 0.00	16.97 0.33 0.00	16.79 0.23 0.00	15.16 0.24 0.00	15.20 0.36 0.00	15.28 0.46 0.00	14.63 0.22 0.00	15.33 0.15 0.00	16.47 -0.10 0.00	17.45 -0.10 0.00	18.18 -0.15 0.00	18.48 -0.06 0.00	18.78 -0.06 0.00	19.44 0.06 0.00	19.92 0.27 0.00	21.60 0.38 0.00	25.56 0.23 0.00	28.93 0.00 0.00	30.32 -0.09 0.00	28.32 0.03 0.00	26.40 0.26 0.00	24.64 0.29 0.00	22.56 0.25 0.00	20.83 0.51 0.00
INDIAN POINT_GT_1 24139	19.49 1.09 0.00	17.57 0.93 0.00	17.42 0.86 0.00	15.69 0.76 0.00	15.55 0.71 0.00	15.52 0.70 0.00	15.19 0.78 0.00	16.03 0.85 0.00	17.55 0.98 0.00	18.61 1.05 0.00	19.48 1.15 0.00	19.91 1.37 0.00	20.16 1.32 0.00	20.86 1.47 0.00	21.10 1.45 0.00	22.79 1.57 0.00	27.29 1.95 0.00	31.19 2.26 0.00	32.66 2.25 0.00	30.36 2.07 0.00	27.81 1.67 0.00	26.01 1.66 0.00	23.85 1.54 0.00	21.67 1.34 0.00
INDIAN POINT_GT_2 23659	19.49 1.09 0.00	17.57 0.93 0.00	17.42 0.86 0.00	15.69 0.76 0.00	15.55 0.71 0.00	15.52 0.70 0.00	15.19 0.78 0.00	16.03 0.85 0.00	17.55 0.98 0.00	18.61 1.05 0.00	19.48 1.15 0.00	19.91 1.37 0.00	20.16 1.32 0.00	20.86 1.47 0.00	21.10 1.45 0.00	22.79 1.57 0.00	27.29 1.95 0.00	31.19 2.26 0.00	32.66 2.25 0.00	30.36 2.07 0.00	27.81 1.67 0.00	26.01 1.66 0.00	23.85 1.54 0.00	21.67 1.34 0.00
INDIAN POINT_GT_3 24019	19.49 1.09 0.00	17.57 0.93 0.00	17.42 0.86 0.00	15.69 0.76 0.00	15.55 0.71 0.00	15.52 0.70 0.00	15.19 0.78 0.00	16.03 0.85 0.00	17.55 0.98 0.00	18.61 1.05 0.00	19.48 1.15 0.00	19.91 1.37 0.00	20.16 1.32 0.00	20.86 1.47 0.00	21.10 1.45 0.00	22.79 1.57 0.00	27.29 1.95 0.00	31.19 2.26 0.00	32.66 2.25 0.00	30.36 2.07 0.00	27.81 1.67 0.00	26.01 1.66 0.00	23.85 1.54 0.00	21.67 1.34 0.00
INDIAN POINT___2 23530	19.49 1.09 0.00	17.57 0.93 0.00	17.41 0.86 0.00	15.67 0.75 0.00	15.54 0.70 0.00	15.49 0.67 0.00	15.17 0.76 0.00	16.00 0.82 0.00	17.53 0.96 0.00	18.61 1.05 0.00	19.61 1.28 0.00	19.87 1.34 0.00	20.16 1.32 0.00	20.86 1.47 0.00	21.10 1.45 0.00	22.75 1.53 0.00	27.26 1.92 0.00	31.13 2.20 0.00	32.63 2.22 0.00	30.33 2.04 0.00	27.81 1.67 0.00	25.98 1.63 0.00	23.83 1.52 0.00	21.65 1.32 0.00
INDIAN POINT___3 23531	19.49 1.09 0.00	17.57 0.93 0.00	17.42 0.86 0.00	15.69 0.76 0.00	15.55 0.71 0.00	15.52 0.70 0.00	15.19 0.78 0.00	16.01 0.83 0.00	17.53 0.96 0.00	18.61 1.05 0.00	19.48 1.15 0.00	19.89 1.35 0.00	20.14 1.30 0.00	20.84 1.45 0.00	21.08 1.43 0.00	22.79 1.57 0.00	27.26 1.93 0.00	31.13 2.20 0.00	32.63 2.22 0.00	30.33 2.04 0.00	27.81 1.67 0.00	25.98 1.63 0.00	23.83 1.52 0.00	21.65 1.32 0.00
INGHAM_C_115KV_TB7 356103	18.44 0.04 0.00	16.65 0.02 0.00	16.60 0.05 0.00	14.97 0.04 0.00	14.87 0.03 0.00	14.83 0.01 0.00	14.43 0.01 0.00	15.15 -0.03 0.00	16.57 0.00 0.00	17.58 0.02 0.00	18.34 0.02 0.00	18.57 0.04 0.00	18.90 0.06 0.00	19.43 0.04 0.00	19.68 0.04 0.00	21.28 0.06 0.00	25.41 0.08 0.00	29.07 0.14 0.00	30.59 0.18 0.00	28.49 0.20 0.00	26.37 0.24 0.00	24.59 0.24 0.00	22.51 0.20 0.00	20.51 0.18 0.00
IP CORINTH___1 23988	19.88 1.47 0.00	17.92 1.28 0.00	17.81 1.26 0.00	16.06 1.13 0.00	15.97 1.13 0.00	15.98 1.16 0.00	15.55 1.14 0.00	16.38 1.20 0.00	17.88 1.31 0.00	18.96 1.40 0.00	19.62 1.30 0.00	19.95 1.41 0.00	20.21 1.38 0.00	20.84 1.45 0.00	20.88 1.24 0.00	22.66 1.44 0.00	26.60 1.27 0.00	30.41 1.48 0.00	32.30 1.89 0.00	30.13 1.84 0.00	27.81 1.67 0.00	25.88 1.53 0.00	23.72 1.41 0.00	21.55 1.22 0.00
IP___TICONDEROGA 23804	20.87 2.47 0.00	18.73 2.10 0.00	18.59 2.04 0.00	16.81 1.88 0.00	16.71 1.87 0.00	16.76 1.94 0.00	16.33 1.92 0.00	17.18 2.00 0.00	18.77 2.20 0.00	19.93 2.37 0.00	20.67 2.35 0.00	20.98 2.45 0.00	21.16 2.32 0.00	21.81 2.42 0.00	21.85 2.20 0.00	23.79 2.57 0.00	28.05 2.71 0.00	32.08 3.15 0.00	34.06 3.65 0.00	31.83 3.54 0.00	29.51 3.37 0.00	27.42 3.07 0.00	25.08 2.77 0.00	22.77 2.44 0.00
ISLIP_RES_REC 323679	21.74 2.10 -1.23	18.84 1.88 -0.32	18.35 1.79 -0.01	16.37 1.43 -0.01	16.29 1.44 -0.01	16.13 1.30 -0.01	15.92 1.50 -0.01	16.61 1.43 -0.01	18.27 1.69 -0.01	19.52 1.95 -0.01	22.44 2.00 -2.12	27.11 2.02 -6.55	30.49 2.04 -9.62	31.50 2.23 -9.88	31.15 2.16 -9.34	32.57 2.33 -9.02	44.24 3.06 -15.84	42.99 3.56 -10.50	42.97 3.65 -8.91	37.66 3.28 -6.08	34.11 2.72 -5.25	33.37 2.61 -6.41	26.89 2.52 -2.06	23.68 2.20 -1.16
JAMAICA__27_KV_LOAD 355505	19.75 1.34 0.00	17.78 1.15 0.00	17.61 1.06 0.00	15.87 0.94 0.00	15.72 0.88 0.00	15.68 0.86 0.00	15.41 0.99 0.00	16.29 1.11 0.00	17.83 1.26 0.00	18.89 1.33 0.00	19.73 1.41 0.00	20.19 1.65 0.00	20.42 1.58 0.00	21.17 1.78 0.00	21.43 1.79 0.00	23.15 1.93 0.00	27.77 2.43 0.00	31.68 2.75 0.00	33.15 2.74 0.00	30.90 2.60 0.00	28.18 2.04 0.00	26.32 1.97 0.00	24.32 2.01 0.00	22.03 1.71 0.00
JANIS___SOLAR 323808	19.29 0.88 0.00	17.37 0.73 0.00	17.27 0.71 0.00	15.57 0.64 0.00	15.49 0.65 0.00	15.49 0.67 0.00	14.97 0.56 0.00	15.72 0.55 0.00	17.08 0.51 0.00	18.03 0.47 0.00	18.80 0.48 0.00	19.02 0.48 0.00	19.35 0.51 0.00	19.85 0.46 0.00	20.19 0.55 0.00	22.00 0.79 0.00	26.35 1.01 0.00	30.20 1.27 0.00	31.96 1.55 0.00	29.85 1.56 0.00	27.94 1.80 0.00	25.79 1.44 0.00	23.58 1.27 0.00	21.48 1.16 0.00
JARVIS____ 23743	18.50 0.09 0.00	16.70 0.07 0.00	16.64 0.08 0.00	15.00 0.08 0.00	14.90 0.06 0.00	14.88 0.06 0.00	14.47 0.06 0.00	15.24 0.06 0.00	16.64 0.07 0.00	17.63 0.07 0.00	18.42 0.09 0.00	18.63 0.09 0.00	18.93 0.09 0.00	19.48 0.10 0.00	19.74 0.10 0.00	21.33 0.11 0.00	25.46 0.13 0.00	29.08 0.15 0.00	30.56 0.15 0.00	28.47 0.17 0.00	26.30 0.16 0.00	24.47 0.12 0.00	22.42 0.11 0.00	20.43 0.10 0.00
JENNISON___1 23625	19.42 1.01 0.00	17.48 0.85 0.00	17.42 0.86 0.00	15.70 0.78 0.00	15.61 0.77 0.00	15.58 0.76 0.00	15.09 0.68 0.00	15.88 0.70 0.00	17.33 0.76 0.00	18.33 0.77 0.00	19.04 0.71 0.00	19.39 0.85 0.00	19.76 0.92 0.00	20.30 0.91 0.00	20.63 0.98 0.00	22.43 1.21 0.00	26.78 1.44 0.00	30.61 1.68 0.00	32.27 1.86 0.00	30.13 1.84 0.00	28.15 2.01 0.00	25.98 1.63 0.00	23.74 1.43 0.00	21.63 1.30 0.00
JENNISON___2 23626	19.42 1.01 0.00	17.48 0.85 0.00	17.42 0.86 0.00	15.70 0.78 0.00	15.61 0.77 0.00	15.58 0.76 0.00	15.09 0.68 0.00	15.88 0.70 0.00	17.33 0.76 0.00	18.33 0.77 0.00	19.04 0.71 0.00	19.39 0.85 0.00	19.76 0.92 0.00	20.30 0.91 0.00	20.63 0.98 0.00	22.43 1.21 0.00	26.78 1.44 0.00	30.61 1.68 0.00	32.27 1.86 0.00	30.13 1.84 0.00	28.15 2.01 0.00	25.98 1.63 0.00	23.74 1.43 0.00	21.63 1.30 0.00

JERICO_RISE_WT_PWR 323719	18.11 -0.30 0.00	16.40 -0.23 0.00	16.34 -0.22 0.00	14.76 -0.16 0.00	14.72 -0.12 0.00	14.69 -0.13 0.00	14.30 -0.12 0.00	15.07 -0.11 0.00	16.45 -0.12 0.00	17.47 -0.09 0.00	18.10 -0.22 0.00	18.32 -0.22 0.00	18.61 -0.23 0.00	19.13 -0.25 0.00	19.45 -0.20 0.00	20.92 -0.30 0.00	25.03 -0.30 0.00	28.73 -0.20 0.00	30.20 -0.21 0.00	28.13 -0.17 0.00	25.96 -0.18 0.00	24.18 -0.17 0.00	22.07 -0.24 0.00	20.12 -0.20 0.00
KATONAH__115KV_46KV_TB4 355592	19.59 1.18 0.00	17.63 1.00 0.00	17.48 0.93 0.00	15.76 0.84 0.00	15.61 0.77 0.00	15.56 0.74 0.00	15.22 0.81 0.00	16.06 0.88 0.00	17.58 1.01 0.00	18.68 1.12 0.00	19.55 1.23 0.00	19.96 1.43 0.00	20.20 1.36 0.00	20.92 1.53 0.00	21.14 1.49 0.00	22.83 1.61 0.00	27.39 2.05 0.00	31.42 2.49 0.00	32.90 2.49 0.00	30.47 2.18 0.00	27.94 1.80 0.00	26.15 1.80 0.00	23.92 1.61 0.00	21.75 1.42 0.00
KCE_NY_1 323755	19.62 1.21 0.00	17.70 1.07 0.00	17.61 1.06 0.00	15.88 0.96 0.00	15.78 0.94 0.00	15.75 0.93 0.00	15.35 0.94 0.00	16.13 0.96 0.00	17.63 1.06 0.00	18.66 1.11 0.00	19.51 1.19 0.00	19.76 1.22 0.00	20.05 1.21 0.00	20.67 1.28 0.00	20.82 1.18 0.00	22.53 1.32 0.00	26.78 1.44 0.00	30.64 1.71 0.00	32.33 1.92 0.00	30.16 1.87 0.00	27.79 1.65 0.00	25.88 1.53 0.00	23.74 1.43 0.00	21.59 1.26 0.00
KCE_NY_6_ESR 323823	19.01 0.61 0.00	17.03 0.40 0.00	16.85 0.30 0.00	15.24 0.31 0.00	15.21 0.37 0.00	15.29 0.47 0.00	14.71 0.30 0.00	15.42 0.24 0.00	16.60 0.03 0.00	17.59 0.04 0.00	18.32 0.00 0.00	18.63 0.09 0.00	18.93 0.09 0.00	19.58 0.19 0.00	20.08 0.43 0.00	21.75 0.53 0.00	25.77 0.43 0.00	29.16 0.23 0.00	30.56 0.15 0.00	28.55 0.25 0.00	26.58 0.44 0.00	24.84 0.49 0.00	22.69 0.38 0.00	20.94 0.61 0.00
KEDC_PORT_JEFF_GT2 24210	21.63 1.99 -1.23	18.74 1.78 -0.32	18.27 1.71 -0.01	16.29 1.36 -0.01	16.20 1.35 -0.01	16.07 1.25 -0.01	15.85 1.43 -0.01	16.54 1.35 -0.01	18.20 1.62 -0.01	19.43 1.86 -0.01	22.33 1.89 -2.12	27.02 1.93 -6.55	30.38 1.92 -9.62	31.36 2.09 -9.88	31.01 2.02 -9.34	32.42 2.19 -9.02	44.06 2.89 -15.84	42.75 3.33 -10.50	42.73 3.41 -8.91	37.44 3.06 -6.08	33.90 2.51 -5.25	33.17 2.41 -6.41	26.73 2.36 -2.06	23.54 2.05 -1.16
KEDC_PORT_JEFF_GT3 24211	21.63 1.99 -1.23	18.74 1.78 -0.32	18.27 1.71 -0.01	16.29 1.36 -0.01	16.20 1.35 -0.01	16.07 1.25 -0.01	15.85 1.43 -0.01	16.54 1.35 -0.01	18.20 1.62 -0.01	19.43 1.86 -0.01	22.33 1.89 -2.12	27.02 1.93 -6.55	30.38 1.92 -9.62	31.36 2.09 -9.88	31.01 2.02 -9.34	32.42 2.19 -9.02	44.06 2.89 -15.84	42.75 3.33 -10.50	42.73 3.41 -8.91	37.44 3.06 -6.08	33.90 2.51 -5.25	33.17 2.41 -6.41	26.73 2.36 -2.06	23.54 2.05 -1.16
KEDC_GLWD_GT4 24219	21.11 1.47 -1.23	18.22 1.26 -0.32	17.79 1.23 -0.01	16.01 1.08 -0.01	15.87 1.02 -0.01	15.81 0.98 -0.01	15.50 1.08 -0.01	16.34 1.15 -0.01	17.89 1.31 -0.01	19.01 1.44 -0.01	22.09 1.65 -2.12	26.81 1.72 -6.55	30.17 1.71 -9.62	31.15 1.88 -9.88	30.85 1.87 -9.34	32.23 1.99 -9.02	43.51 2.33 -15.84	42.09 2.66 -10.50	42.03 2.71 -8.91	36.93 2.55 -6.09	33.59 2.20 -5.25	32.88 2.12 -6.41	26.38 2.01 -2.06	23.24 1.75 -1.16
KEDC_GLWD_GT5 24220	21.11 1.47 -1.23	18.22 1.26 -0.32	17.79 1.23 -0.01	16.01 1.08 -0.01	15.87 1.02 -0.01	15.81 0.98 -0.01	15.50 1.08 -0.01	16.34 1.15 -0.01	17.89 1.31 -0.01	19.01 1.44 -0.01	22.09 1.65 -2.12	26.81 1.72 -6.55	30.17 1.71 -9.62	31.15 1.88 -9.88	30.85 1.87 -9.34	32.23 1.99 -9.02	43.51 2.33 -15.84	42.09 2.66 -10.50	42.03 2.71 -8.91	36.93 2.55 -6.09	33.59 2.20 -5.25	32.88 2.12 -6.41	26.38 2.01 -2.06	23.24 1.75 -1.16
KENSICO____ 23655	19.57 1.16 0.00	17.63 1.00 0.00	17.48 0.93 0.00	15.75 0.82 0.00	15.60 0.76 0.00	15.56 0.74 0.00	15.25 0.84 0.00	16.07 0.90 0.00	17.60 1.03 0.00	18.68 1.12 0.00	19.55 1.23 0.00	19.98 1.45 0.00	20.23 1.39 0.00	20.94 1.55 0.00	21.18 1.53 0.00	22.87 1.66 0.00	27.39 2.05 0.00	31.30 2.37 0.00	32.78 2.37 0.00	30.47 2.18 0.00	27.92 1.78 0.00	26.08 1.73 0.00	23.94 1.63 0.00	21.75 1.42 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	19.46 1.05 0.00	17.50 0.86 0.00	17.35 0.79 0.00	15.61 0.69 0.00	15.46 0.62 0.00	15.41 0.59 0.00	15.07 0.66 0.00	15.92 0.74 0.00	17.41 0.85 0.00	18.44 0.88 0.00	19.28 0.95 0.00	19.69 1.15 0.00	19.93 1.09 0.00	20.63 1.24 0.00	20.88 1.24 0.00	22.60 1.38 0.00	27.11 1.77 0.00	31.07 2.14 0.00	32.72 2.31 0.00	30.36 2.07 0.00	27.89 1.75 0.00	26.08 1.73 0.00	23.83 1.52 0.00	21.65 1.32 0.00
KIAC_JFK_GT1 23816	19.66 1.25 0.00	17.70 1.06 0.00	17.53 0.98 0.00	15.79 0.87 0.00	15.64 0.80 0.00	15.61 0.79 0.00	15.33 0.92 0.00	16.19 1.02 0.00	17.73 1.16 0.00	18.80 1.25 0.00	19.64 1.32 0.00	20.09 1.56 0.00	20.31 1.47 0.00	21.07 1.69 0.00	21.32 1.67 0.00	23.02 1.80 0.00	27.59 2.25 0.00	31.39 2.46 0.00	32.84 2.43 0.00	30.73 2.43 0.00	28.02 1.88 0.00	26.18 1.83 0.00	24.19 1.87 0.00	21.91 1.59 0.00
KIAC_JFK_GT2 23817	19.66 1.25 0.00	17.70 1.06 0.00	17.53 0.98 0.00	15.79 0.87 0.00	15.64 0.80 0.00	15.61 0.79 0.00	15.33 0.92 0.00	16.19 1.02 0.00	17.73 1.16 0.00	18.80 1.25 0.00	19.64 1.32 0.00	20.09 1.56 0.00	20.31 1.47 0.00	21.07 1.69 0.00	21.32 1.67 0.00	23.02 1.80 0.00	27.59 2.25 0.00	31.39 2.46 0.00	32.84 2.43 0.00	30.73 2.43 0.00	28.02 1.88 0.00	26.18 1.83 0.00	24.19 1.87 0.00	21.91 1.59 0.00
KIAC_JFK____ 323774	19.68 1.27 0.00	17.70 1.07 0.00	17.53 0.98 0.00	15.79 0.87 0.00	15.64 0.80 0.00	15.58 0.76 0.00	15.33 0.92 0.00	16.19 1.02 0.00	17.73 1.16 0.00	18.80 1.25 0.00	19.77 1.45 0.00	20.06 1.52 0.00	20.31 1.47 0.00	21.07 1.69 0.00	21.31 1.67 0.00	22.98 1.76 0.00	27.59 2.25 0.00	31.36 2.43 0.00	32.84 2.43 0.00	30.53 2.23 0.00	28.02 1.88 0.00	26.18 1.83 0.00	24.19 1.87 0.00	21.89 1.57 0.00
KINTIGH____ 23543	18.63 0.22 0.00	16.72 0.08 0.00	16.55 0.00 0.00	14.96 0.03 0.00	14.95 0.10 0.00	14.95 0.13 0.00	14.44 0.03 0.00	15.13 -0.05 0.00	16.37 -0.20 0.00	17.36 -0.19 0.00	17.99 -0.33 0.00	18.28 -0.26 0.00	18.69 -0.15 0.00	19.27 -0.12 0.00	19.70 0.06 0.00	21.24 0.02 0.00	25.34 0.00 0.00	28.64 -0.29 0.00	30.08 -0.33 0.00	28.10 -0.20 0.00	26.11 -0.03 0.00	24.35 0.00 0.00	22.29 -0.02 0.00	20.51 0.18 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	18.33 -0.07 0.00	16.55 -0.08 0.00	16.49 -0.07 0.00	14.90 -0.03 0.00	14.86 0.01 0.00	14.83 0.01 0.00	14.44 0.03 0.00	15.22 0.05 0.00	16.62 0.05 0.00	17.65 0.09 0.00	18.43 0.11 0.00	18.52 -0.02 0.00	18.82 -0.02 0.00	19.31 -0.08 0.00	19.66 0.02 0.00	21.13 -0.08 0.00	25.29 -0.05 0.00	29.05 0.12 0.00	30.56 0.15 0.00	28.49 0.20 0.00	26.30 0.16 0.00	24.50 0.15 0.00	22.33 0.02 0.00	20.31 -0.02 0.00

LACHUTE____HYDRO 323717	20.88 2.47 0.00	18.73 2.10 0.00	18.59 2.04 0.00	16.81 1.88 0.00	16.71 1.87 0.00	16.75 1.93 0.00	16.33 1.92 0.00	17.18 2.00 0.00	18.77 2.20 0.00	19.93 2.37 0.00	20.76 2.44 0.00	20.96 2.43 0.00	21.16 2.32 0.00	21.81 2.42 0.00	21.85 2.20 0.00	23.78 2.57 0.00	28.05 2.71 0.00	32.08 3.15 0.00	34.06 3.65 0.00	31.83 3.54 0.00	29.51 3.37 0.00	27.42 3.07 0.00	25.08 2.77 0.00	22.76 2.44 0.00
LAWRNCAV_115KV_TB1 80681	17.78 -0.63 0.00	16.07 -0.57 0.00	16.02 -0.53 0.00	14.46 -0.46 0.00	14.41 -0.43 0.00	14.38 -0.44 0.00	13.98 -0.43 0.00	14.74 -0.44 0.00	16.07 -0.50 0.00	17.05 -0.51 0.00	17.81 -0.51 0.00	17.89 -0.65 0.00	18.18 -0.66 0.00	18.67 -0.72 0.00	18.96 -0.69 0.00	20.41 -0.81 0.00	24.42 -0.91 0.00	28.00 -0.93 0.00	29.47 -0.94 0.00	27.47 -0.82 0.00	25.54 -0.60 0.00	23.84 -0.51 0.00	21.78 -0.54 0.00	19.82 -0.51 0.00
LEDERLE____ 23769	19.57 1.16 0.00	17.63 1.00 0.00	17.48 0.93 0.00	15.73 0.81 0.00	15.60 0.76 0.00	15.56 0.74 0.00	15.23 0.82 0.00	16.07 0.90 0.00	17.61 1.04 0.00	18.70 1.14 0.00	19.55 1.23 0.00	19.98 1.45 0.00	20.25 1.41 0.00	20.96 1.57 0.00	21.20 1.55 0.00	22.92 1.70 0.00	27.41 2.08 0.00	31.33 2.40 0.00	32.84 2.43 0.00	30.50 2.21 0.00	27.97 1.83 0.00	26.13 1.78 0.00	23.96 1.65 0.00	21.75 1.42 0.00
LIGHTHSE_115KV_TB6 355974	18.37 -0.04 0.00	16.57 -0.07 0.00	16.47 -0.08 0.00	14.85 -0.07 0.00	14.78 -0.06 0.00	14.75 -0.07 0.00	14.30 -0.12 0.00	15.04 -0.14 0.00	16.40 -0.17 0.00	17.38 -0.18 0.00	18.14 -0.18 0.00	18.39 -0.15 0.00	18.73 -0.11 0.00	19.19 -0.19 0.00	19.47 -0.18 0.00	21.05 -0.17 0.00	25.11 -0.23 0.00	28.70 -0.23 0.00	30.23 -0.18 0.00	28.15 -0.14 0.00	26.16 0.03 0.00	24.37 0.02 0.00	22.31 0.00 0.00	20.33 0.00 0.00
LINDEN COGEN____ 23786	19.60 1.20 0.00	17.65 1.01 0.00	17.48 0.93 0.00	15.75 0.82 0.00	15.60 0.76 0.00	15.53 0.71 0.00	15.26 0.85 0.00	16.09 0.91 0.00	17.63 1.06 0.00	18.72 1.16 0.00	19.73 1.41 0.00	20.02 1.48 0.00	20.31 1.47 0.00	21.05 1.67 0.00	21.30 1.65 0.00	22.94 1.72 0.00	27.52 2.18 0.00	31.39 2.46 0.00	32.84 2.43 0.00	30.56 2.26 0.00	27.94 1.80 0.00	26.10 1.75 0.00	24.01 1.69 0.00	21.79 1.46 0.00
LINDHRST_69_KV_BK1 356055	21.52 1.88 -1.23	18.62 1.66 -0.32	18.16 1.61 0.00	16.30 1.37 0.00	16.18 1.34 0.00	16.12 1.30 0.00	15.81 1.40 0.00	16.60 1.43 0.00	18.19 1.62 0.00	19.37 1.81 0.00	22.24 1.80 -2.12	27.11 2.02 -6.55	30.44 1.98 -9.62	31.42 2.15 -9.88	31.13 2.14 -9.34	32.55 2.31 -9.02	44.14 2.96 -15.84	42.84 3.41 -10.50	42.82 3.50 -8.91	37.55 3.17 -6.08	34.03 2.64 -5.25	33.29 2.53 -6.41	26.82 2.45 -2.06	23.66 2.17 -1.16
LIPA_MISC_IPP 23656	21.63 1.99 -1.23	18.79 1.83 -0.32	18.29 1.74 0.00	16.24 1.31 0.00	16.19 1.35 0.00	16.15 1.33 0.00	15.82 1.41 0.00	16.47 1.29 0.00	18.16 1.59 0.00	19.40 1.84 0.00	22.11 1.67 -2.12	26.91 1.82 -6.55	30.23 1.77 -9.62	31.21 1.94 -9.88	30.85 1.87 -9.34	32.27 2.04 -9.02	43.86 2.69 -15.84	42.58 3.15 -10.50	42.55 3.22 -8.91	37.27 2.89 -6.08	33.74 2.35 -5.25	33.00 2.24 -6.41	26.58 2.21 -2.06	23.42 1.93 -1.16
LISF____SOLAR 323691	21.66 2.02 -1.23	18.82 1.86 -0.32	18.33 1.77 -0.01	16.26 1.33 -0.01	16.21 1.36 -0.01	16.04 1.22 -0.01	15.86 1.44 -0.01	16.48 1.29 -0.01	18.18 1.61 -0.01	19.43 1.86 -0.01	22.25 1.81 -2.12	26.91 1.82 -6.55	30.25 1.79 -9.62	31.25 1.98 -9.88	30.87 1.89 -9.34	32.27 2.04 -9.02	43.91 2.74 -15.84	42.61 3.18 -10.50	42.61 3.29 -8.91	37.32 2.94 -6.08	33.79 2.40 -5.25	33.05 2.29 -6.41	26.62 2.25 -2.06	23.44 1.95 -1.16
LITTLE FALLS____HYD 24013	18.44 0.04 0.00	16.65 0.02 0.00	16.60 0.05 0.00	14.97 0.04 0.00	14.87 0.03 0.00	14.83 0.01 0.00	14.43 0.01 0.00	15.15 -0.03 0.00	16.57 0.00 0.00	17.58 0.02 0.00	18.34 0.02 0.00	18.57 0.04 0.00	18.90 0.06 0.00	19.43 0.04 0.00	19.68 0.04 0.00	21.28 0.06 0.00	25.41 0.08 0.00	29.07 0.14 0.00	30.59 0.18 0.00	28.49 0.20 0.00	26.37 0.24 0.00	24.59 0.24 0.00	22.51 0.20 0.00	20.51 0.18 0.00
LITTLRIV_115KV_TB1 356100	17.89 -0.52 0.00	16.15 -0.48 0.00	16.12 -0.43 0.00	14.55 -0.37 0.00	14.50 -0.34 0.00	14.46 -0.36 0.00	14.07 -0.35 0.00	14.81 -0.36 0.00	16.17 -0.40 0.00	17.14 -0.42 0.00	17.90 -0.42 0.00	17.98 -0.56 0.00	18.29 -0.55 0.00	18.77 -0.62 0.00	19.06 -0.59 0.00	20.54 -0.68 0.00	24.55 -0.79 0.00	28.18 -0.75 0.00	29.68 -0.73 0.00	27.70 -0.59 0.00	25.80 -0.34 0.00	24.03 -0.32 0.00	21.95 -0.36 0.00	19.96 -0.37 0.00
LI_NEWBRDGE____DRP 323616	21.09 1.45 -1.23	18.24 1.28 -0.32	17.83 1.27 0.00	16.03 1.10 0.00	15.90 1.05 0.00	15.86 1.04 0.00	15.54 1.12 0.00	16.36 1.18 0.00	17.93 1.36 0.00	19.03 1.47 0.00	21.89 1.45 -2.12	26.76 1.67 -6.55	30.06 1.60 -9.62	31.03 1.76 -9.88	30.72 1.73 -9.34	32.10 1.87 -9.02	43.51 2.33 -15.84	42.12 2.69 -10.50	42.06 2.74 -8.91	36.87 2.49 -6.08	33.43 2.04 -5.25	32.73 1.97 -6.41	26.33 1.96 -2.06	23.22 1.73 -1.16
LOCKPORT_115KV_TB60_63_64 80432	18.83 0.42 0.00	16.88 0.25 0.00	16.70 0.15 0.00	15.11 0.18 0.00	15.11 0.27 0.00	15.12 0.30 0.00	14.56 0.14 0.00	15.15 -0.03 0.00	16.34 -0.23 0.00	17.31 -0.25 0.00	17.92 -0.40 0.00	18.20 -0.33 0.00	18.63 -0.21 0.00	19.27 -0.12 0.00	19.74 0.10 0.00	21.26 0.04 0.00	25.36 0.03 0.00	28.61 -0.32 0.00	30.05 -0.36 0.00	28.13 -0.17 0.00	26.19 0.05 0.00	24.42 0.07 0.00	22.36 0.04 0.00	20.65 0.33 0.00
LOCKPORT____CC1 323769	18.83 0.42 0.00	16.88 0.25 0.00	16.69 0.13 0.00	15.11 0.18 0.00	15.03 0.19 0.00	15.12 0.30 0.00	14.56 0.14 0.00	15.24 0.06 0.00	16.37 -0.20 0.00	17.33 -0.23 0.00	18.07 -0.26 0.00	18.37 -0.17 0.00	18.65 -0.19 0.00	19.27 -0.12 0.00	19.76 0.12 0.00	21.43 0.21 0.00	25.36 0.03 0.00	28.70 -0.23 0.00	30.11 -0.30 0.00	28.13 -0.17 0.00	26.19 0.05 0.00	24.45 0.10 0.00	22.36 0.04 0.00	20.65 0.32 0.00
LOCKPORT____CC2 323770	18.83 0.42 0.00	16.88 0.25 0.00	16.69 0.13 0.00	15.11 0.18 0.00	15.03 0.19 0.00	15.12 0.30 0.00	14.56 0.14 0.00	15.24 0.06 0.00	16.37 -0.20 0.00	17.33 -0.23 0.00	18.07 -0.26 0.00	18.37 -0.17 0.00	18.65 -0.19 0.00	19.27 -0.12 0.00	19.76 0.12 0.00	21.43 0.21 0.00	25.36 0.03 0.00	28.70 -0.23 0.00	30.11 -0.30 0.00	28.13 -0.17 0.00	26.19 0.05 0.00	24.45 0.10 0.00	22.36 0.04 0.00	20.65 0.32 0.00
LOCKPORT____CC3 323771	18.83 0.42 0.00	16.88 0.25 0.00	16.69 0.13 0.00	15.11 0.18 0.00	15.03 0.19 0.00	15.12 0.30 0.00	14.56 0.14 0.00	15.24 0.06 0.00	16.37 -0.20 0.00	17.33 -0.23 0.00	18.07 -0.26 0.00	18.37 -0.17 0.00	18.65 -0.19 0.00	19.27 -0.12 0.00	19.76 0.12 0.00	21.43 0.21 0.00	25.36 0.03 0.00	28.70 -0.23 0.00	30.11 -0.30 0.00	28.13 -0.17 0.00	26.19 0.05 0.00	24.45 0.10 0.00	22.36 0.04 0.00	20.65 0.32 0.00

LONG_LAKE_PHOENIX 24014	18.24 -0.17 0.00	16.45 -0.18 0.00	16.36 -0.20 0.00	14.73 -0.19 0.00	14.66 -0.18 0.00	14.66 -0.16 0.00	14.21 -0.20 0.00	14.97 -0.21 0.00	16.34 -0.23 0.00	17.31 -0.25 0.00	18.07 -0.26 0.00	18.30 -0.24 0.00	18.63 -0.21 0.00	19.12 -0.27 0.00	19.39 -0.26 0.00	20.98 -0.23 0.00	25.03 -0.30 0.00	28.55 -0.38 0.00	30.01 -0.40 0.00	27.90 -0.40 0.00	25.88 -0.26 0.00	24.06 -0.29 0.00	22.04 -0.27 0.00	20.10 -0.22 0.00
LOVETT___3 23632	19.46 1.05 0.00	17.55 0.91 0.00	17.40 0.84 0.00	15.66 0.73 0.00	15.52 0.68 0.00	15.49 0.67 0.00	15.16 0.75 0.00	16.00 0.82 0.00	17.51 0.94 0.00	18.59 1.04 0.00	19.46 1.14 0.00	19.87 1.33 0.00	20.14 1.30 0.00	20.84 1.45 0.00	21.08 1.43 0.00	22.77 1.55 0.00	27.24 1.90 0.00	31.10 2.17 0.00	32.60 2.19 0.00	30.30 2.01 0.00	27.79 1.65 0.00	25.96 1.61 0.00	23.81 1.49 0.00	21.63 1.30 0.00
LOVETT___4 23642	19.46 1.05 0.00	17.55 0.91 0.00	17.40 0.84 0.00	15.66 0.73 0.00	15.52 0.68 0.00	15.49 0.67 0.00	15.16 0.75 0.00	16.00 0.82 0.00	17.51 0.94 0.00	18.59 1.04 0.00	19.46 1.14 0.00	19.87 1.33 0.00	20.14 1.30 0.00	20.84 1.45 0.00	21.08 1.43 0.00	22.77 1.55 0.00	27.24 1.90 0.00	31.10 2.17 0.00	32.60 2.19 0.00	30.30 2.01 0.00	27.79 1.65 0.00	25.96 1.61 0.00	23.81 1.49 0.00	21.63 1.30 0.00
LOVETT___5 23593	19.46 1.05 0.00	17.55 0.91 0.00	17.40 0.84 0.00	15.66 0.73 0.00	15.52 0.68 0.00	15.49 0.67 0.00	15.16 0.75 0.00	16.00 0.82 0.00	17.51 0.94 0.00	18.59 1.04 0.00	19.46 1.14 0.00	19.87 1.33 0.00	20.14 1.30 0.00	20.84 1.45 0.00	21.08 1.43 0.00	22.77 1.55 0.00	27.24 1.90 0.00	31.10 2.17 0.00	32.60 2.19 0.00	30.30 2.01 0.00	27.79 1.65 0.00	25.96 1.61 0.00	23.81 1.49 0.00	21.63 1.30 0.00
LOWER RAQUET___HYD 24057	17.71 -0.70 0.00	16.00 -0.63 0.00	15.97 -0.58 0.00	14.42 -0.51 0.00	14.37 -0.48 0.00	14.33 -0.49 0.00	13.94 -0.48 0.00	14.68 -0.50 0.00	16.02 -0.55 0.00	16.98 -0.58 0.00	17.61 -0.71 0.00	17.81 -0.72 0.00	18.12 -0.72 0.00	18.59 -0.80 0.00	18.90 -0.75 0.00	20.35 -0.87 0.00	24.32 -1.01 0.00	27.92 -1.01 0.00	29.38 -1.03 0.00	27.39 -0.91 0.00	25.51 -0.63 0.00	23.84 -0.51 0.00	21.78 -0.54 0.00	19.82 -0.51 0.00
LOWER___HUDSON 24059	19.27 0.87 0.00	17.40 0.77 0.00	17.33 0.78 0.00	15.61 0.69 0.00	15.51 0.67 0.00	15.47 0.65 0.00	15.09 0.68 0.00	15.86 0.68 0.00	17.33 0.76 0.00	18.33 0.77 0.00	19.20 0.88 0.00	19.43 0.89 0.00	19.74 0.90 0.00	20.34 0.95 0.00	20.51 0.86 0.00	22.13 0.91 0.00	26.40 1.06 0.00	30.20 1.27 0.00	31.81 1.40 0.00	29.65 1.36 0.00	27.32 1.18 0.00	25.45 1.10 0.00	23.34 1.03 0.00	21.24 0.92 0.00
LOWVILLE_115KV_TB2 356335	18.54 0.13 0.00	16.72 0.08 0.00	16.67 0.12 0.00	15.03 0.10 0.00	14.95 0.10 0.00	14.89 0.07 0.00	14.44 0.03 0.00	15.16 -0.02 0.00	16.55 -0.02 0.00	17.51 -0.05 0.00	18.29 -0.04 0.00	18.50 -0.04 0.00	18.86 0.02 0.00	19.33 -0.06 0.00	19.61 -0.04 0.00	21.24 0.02 0.00	25.39 0.05 0.00	29.13 0.20 0.00	30.74 0.33 0.00	28.72 0.42 0.00	26.79 0.65 0.00	24.81 0.46 0.00	22.69 0.38 0.00	20.65 0.33 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	19.60 1.20 0.00	17.68 1.05 0.00	17.60 1.04 0.00	15.87 0.94 0.00	15.76 0.92 0.00	15.77 0.95 0.00	15.35 0.94 0.00	16.13 0.96 0.00	17.63 1.06 0.00	18.66 1.11 0.00	19.44 1.12 0.00	19.76 1.22 0.00	20.05 1.21 0.00	20.67 1.28 0.00	20.80 1.16 0.00	22.53 1.32 0.00	26.75 1.42 0.00	30.61 1.68 0.00	32.33 1.92 0.00	30.13 1.84 0.00	27.76 1.62 0.00	25.88 1.53 0.00	23.72 1.41 0.00	21.59 1.26 0.00
LUTHERNY_35_KV_BK2 355980	19.62 1.21 0.00	17.70 1.06 0.00	17.61 1.06 0.00	15.88 0.96 0.00	15.78 0.94 0.00	15.77 0.95 0.00	15.35 0.94 0.00	16.15 0.97 0.00	17.63 1.06 0.00	18.66 1.11 0.00	19.44 1.12 0.00	19.76 1.22 0.00	20.05 1.21 0.00	20.67 1.28 0.00	20.82 1.18 0.00	22.56 1.34 0.00	26.78 1.44 0.00	30.64 1.71 0.00	32.33 1.92 0.00	30.13 1.84 0.00	27.79 1.65 0.00	25.88 1.53 0.00	23.74 1.43 0.00	21.59 1.26 0.00
LWR___OSWEGATCHIE_HYD 23850	18.06 -0.35 0.00	16.29 -0.35 0.00	16.26 -0.30 0.00	14.66 -0.27 0.00	14.59 -0.25 0.00	14.54 -0.28 0.00	14.12 -0.29 0.00	14.84 -0.33 0.00	16.21 -0.36 0.00	17.15 -0.40 0.00	17.92 -0.40 0.00	18.07 -0.46 0.00	18.41 -0.43 0.00	18.86 -0.52 0.00	19.13 -0.51 0.00	20.69 -0.53 0.00	24.73 -0.61 0.00	28.38 -0.55 0.00	29.92 -0.49 0.00	27.96 -0.34 0.00	26.06 -0.08 0.00	24.23 -0.12 0.00	22.15 -0.16 0.00	20.14 -0.18 0.00
LYONS_FALL_HYD 23570	18.63 0.22 0.00	16.78 0.15 0.00	16.74 0.18 0.00	15.09 0.16 0.00	15.01 0.16 0.00	14.95 0.13 0.00	14.51 0.10 0.00	15.25 0.08 0.00	16.67 0.10 0.00	17.65 0.09 0.00	18.42 0.09 0.00	18.65 0.11 0.00	18.99 0.15 0.00	19.48 0.10 0.00	19.76 0.12 0.00	21.43 0.21 0.00	25.56 0.23 0.00	29.31 0.38 0.00	30.90 0.49 0.00	28.83 0.54 0.00	26.84 0.71 0.00	24.86 0.51 0.00	22.73 0.42 0.00	20.69 0.37 0.00
MADISON___COUNTY_LFGE 323628	18.85 0.44 0.00	16.98 0.35 0.00	16.92 0.36 0.00	15.24 0.31 0.00	15.17 0.33 0.00	15.13 0.31 0.00	14.67 0.26 0.00	15.44 0.26 0.00	16.87 0.30 0.00	17.86 0.30 0.00	18.62 0.29 0.00	18.87 0.33 0.00	19.24 0.40 0.00	19.75 0.37 0.00	20.06 0.41 0.00	21.75 0.53 0.00	25.94 0.61 0.00	29.68 0.75 0.00	31.23 0.82 0.00	29.12 0.82 0.00	27.05 0.91 0.00	25.06 0.71 0.00	22.94 0.62 0.00	20.92 0.59 0.00
MALONE___115KV_TB1 356076	18.15 -0.26 0.00	16.38 -0.25 0.00	16.34 -0.22 0.00	14.76 -0.16 0.00	14.72 -0.12 0.00	14.69 -0.13 0.00	14.31 -0.10 0.00	15.09 -0.09 0.00	16.49 -0.08 0.00	17.51 -0.05 0.00	18.29 -0.04 0.00	18.35 -0.19 0.00	18.65 -0.19 0.00	19.15 -0.23 0.00	19.49 -0.16 0.00	20.92 -0.30 0.00	25.06 -0.28 0.00	28.76 -0.17 0.00	30.26 -0.15 0.00	28.18 -0.11 0.00	26.06 -0.08 0.00	24.30 -0.05 0.00	22.15 -0.16 0.00	20.14 -0.18 0.00
MAPLEWOD_115KV_TB3 80458	19.13 0.72 0.00	17.30 0.67 0.00	17.28 0.73 0.00	15.60 0.67 0.00	15.48 0.64 0.00	15.46 0.64 0.00	15.03 0.62 0.00	15.82 0.64 0.00	17.25 0.68 0.00	18.24 0.68 0.00	19.02 0.70 0.00	19.35 0.82 0.00	19.65 0.81 0.00	20.26 0.87 0.00	20.45 0.81 0.00	22.07 0.85 0.00	26.32 0.99 0.00	30.15 1.22 0.00	31.72 1.31 0.00	29.54 1.24 0.00	27.18 1.05 0.00	25.35 1.00 0.00	23.25 0.94 0.00	21.20 0.87 0.00
MAPLE RIDGE_WT_1 323574	17.89 -0.52 0.00	16.22 -0.42 0.00	16.17 -0.38 0.00	14.61 -0.31 0.00	14.56 -0.28 0.00	14.54 -0.28 0.00	14.15 -0.26 0.00	14.92 -0.26 0.00	16.29 -0.28 0.00	17.28 -0.28 0.00	17.96 -0.37 0.00	18.18 -0.35 0.00	18.48 -0.36 0.00	19.00 -0.39 0.00	19.27 -0.37 0.00	20.79 -0.42 0.00	24.85 -0.48 0.00	28.41 -0.52 0.00	29.86 -0.55 0.00	27.81 -0.48 0.00	25.69 -0.44 0.00	23.94 -0.41 0.00	21.91 -0.40 0.00	19.96 -0.37 0.00

MAPLE_RIDGE_WT_2 323611	17.89 -0.52 0.00	16.22 -0.42 0.00	16.17 -0.38 0.00	14.61 -0.31 0.00	14.56 -0.28 0.00	14.54 -0.28 0.00	14.15 -0.26 0.00	14.92 -0.26 0.00	16.29 -0.28 0.00	17.28 -0.28 0.00	17.96 -0.37 0.00	18.18 -0.35 0.00	18.48 -0.36 0.00	19.00 -0.39 0.00	19.27 -0.37 0.00	20.79 -0.42 0.00	24.85 -0.48 0.00	28.41 -0.52 0.00	29.86 -0.55 0.00	27.81 -0.48 0.00	25.69 -0.44 0.00	23.94 -0.41 0.00	21.91 -0.40 0.00	19.96 -0.37 0.00
MARBLE_RIVER_WT_PWR 323696	18.17 -0.24 0.00	16.44 -0.20 0.00	16.39 -0.17 0.00	14.81 -0.12 0.00	14.77 -0.07 0.00	14.73 -0.09 0.00	14.33 -0.09 0.00	15.10 -0.08 0.00	16.49 -0.08 0.00	17.51 -0.05 0.00	18.16 -0.17 0.00	18.37 -0.17 0.00	18.67 -0.17 0.00	19.19 -0.19 0.00	19.51 -0.14 0.00	20.99 -0.23 0.00	25.11 -0.23 0.00	28.81 -0.12 0.00	30.29 -0.12 0.00	28.21 -0.08 0.00	26.03 -0.10 0.00	24.25 -0.10 0.00	22.13 -0.18 0.00	20.18 -0.14 0.00
MARSHVLE_115KV_TB1 80742	19.81 1.40 0.00	17.85 1.21 0.00	17.75 1.19 0.00	16.00 1.07 0.00	15.91 1.07 0.00	15.92 1.10 0.00	15.46 1.05 0.00	16.24 1.06 0.00	17.70 1.13 0.00	18.72 1.16 0.00	19.48 1.15 0.00	19.80 1.26 0.00	20.12 1.28 0.00	20.72 1.34 0.00	20.98 1.34 0.00	22.77 1.55 0.00	27.26 1.93 0.00	31.27 2.34 0.00	33.06 2.65 0.00	30.90 2.60 0.00	28.60 2.46 0.00	26.54 2.19 0.00	24.27 1.96 0.00	22.05 1.73 0.00
MARSH_HILL_WT_PWR 323713	19.16 0.76 0.00	17.22 0.58 0.00	17.03 0.48 0.00	15.40 0.48 0.00	15.38 0.53 0.00	15.46 0.64 0.00	14.90 0.49 0.00	15.66 0.49 0.00	16.95 0.38 0.00	17.94 0.39 0.00	18.73 0.40 0.00	19.00 0.46 0.00	19.35 0.51 0.00	19.97 0.58 0.00	20.43 0.79 0.00	22.19 0.98 0.00	26.38 1.04 0.00	29.94 1.01 0.00	31.50 1.09 0.00	29.31 1.02 0.00	27.37 1.23 0.00	25.45 1.10 0.00	23.25 0.94 0.00	21.32 1.00 0.00
MCINTYRE_115KV_TB2 80467	17.97 -0.44 0.00	16.24 -0.40 0.00	16.21 -0.35 0.00	14.63 -0.30 0.00	14.57 -0.27 0.00	14.54 -0.28 0.00	14.12 -0.29 0.00	14.87 -0.30 0.00	16.22 -0.35 0.00	17.21 -0.35 0.00	17.98 -0.35 0.00	18.04 -0.50 0.00	18.33 -0.51 0.00	18.82 -0.56 0.00	19.11 -0.53 0.00	20.60 -0.62 0.00	24.63 -0.71 0.00	28.29 -0.64 0.00	29.80 -0.61 0.00	27.84 -0.45 0.00	25.90 -0.24 0.00	24.11 -0.24 0.00	22.00 -0.31 0.00	20.00 -0.33 0.00
MECO____69_KV_BK1 80468	20.47 2.06 0.00	18.40 1.76 0.00	18.26 1.71 0.00	16.49 1.57 0.00	16.40 1.56 0.00	16.44 1.62 0.00	15.97 1.56 0.00	16.70 1.52 0.00	18.06 1.49 0.00	19.05 1.49 0.00	19.81 1.48 0.00	20.09 1.56 0.00	20.40 1.56 0.00	21.03 1.65 0.00	21.30 1.65 0.00	23.13 1.91 0.00	27.79 2.46 0.00	32.11 3.18 0.00	34.15 3.74 0.00	32.06 3.76 0.00	29.67 3.53 0.00	27.54 3.19 0.00	25.17 2.86 0.00	22.85 2.52 0.00
MENANDS__115KV_TB5 355628	19.02 0.61 0.00	17.22 0.58 0.00	17.22 0.66 0.00	15.54 0.61 0.00	15.41 0.56 0.00	15.38 0.56 0.00	14.97 0.56 0.00	15.75 0.58 0.00	17.17 0.60 0.00	18.15 0.60 0.00	18.93 0.60 0.00	19.28 0.74 0.00	19.56 0.72 0.00	20.16 0.78 0.00	20.35 0.71 0.00	21.94 0.72 0.00	26.20 0.86 0.00	29.94 1.01 0.00	31.51 1.09 0.00	29.34 1.05 0.00	27.00 0.86 0.00	25.18 0.83 0.00	23.09 0.78 0.00	21.06 0.73 0.00
MG INDUSTRY__DRP 24185	19.11 0.70 0.00	17.28 0.65 0.00	17.28 0.73 0.00	15.60 0.67 0.00	15.48 0.64 0.00	15.46 0.64 0.00	15.03 0.62 0.00	15.82 0.64 0.00	17.22 0.65 0.00	18.21 0.65 0.00	19.00 0.68 0.00	19.32 0.78 0.00	19.59 0.75 0.00	20.20 0.81 0.00	20.41 0.77 0.00	22.02 0.81 0.00	26.27 0.94 0.00	30.06 1.13 0.00	31.60 1.19 0.00	29.43 1.13 0.00	27.11 0.97 0.00	25.30 0.95 0.00	23.18 0.87 0.00	21.14 0.81 0.00
MID__OSWEGATCHIE_HYD 23849	18.06 -0.35 0.00	16.29 -0.35 0.00	16.26 -0.30 0.00	14.66 -0.27 0.00	14.59 -0.25 0.00	14.54 -0.28 0.00	14.12 -0.29 0.00	14.84 -0.33 0.00	16.21 -0.36 0.00	17.15 -0.40 0.00	17.92 -0.40 0.00	18.07 -0.46 0.00	18.41 -0.43 0.00	18.86 -0.52 0.00	19.13 -0.51 0.00	20.69 -0.53 0.00	24.73 -0.61 0.00	28.38 -0.55 0.00	29.92 -0.49 0.00	27.96 -0.34 0.00	26.06 -0.08 0.00	24.23 -0.12 0.00	22.15 -0.16 0.00	20.14 -0.18 0.00
MID__RAQUETTE_HYD 23851	17.73 -0.68 0.00	16.00 -0.63 0.00	15.97 -0.58 0.00	14.42 -0.51 0.00	14.37 -0.47 0.00	14.33 -0.49 0.00	13.94 -0.48 0.00	14.68 -0.50 0.00	16.02 -0.55 0.00	16.98 -0.58 0.00	17.76 -0.57 0.00	17.83 -0.70 0.00	18.12 -0.72 0.00	18.59 -0.79 0.00	18.90 -0.75 0.00	20.35 -0.87 0.00	24.32 -1.01 0.00	27.92 -1.01 0.00	29.38 -1.03 0.00	27.39 -0.91 0.00	25.51 -0.63 0.00	23.84 -0.51 0.00	21.78 -0.54 0.00	19.80 -0.53 0.00
MILLIKEN__1 23584	18.92 0.52 0.00	17.05 0.42 0.00	16.94 0.38 0.00	15.26 0.33 0.00	15.20 0.36 0.00	15.19 0.37 0.00	14.71 0.30 0.00	15.50 0.32 0.00	16.88 0.31 0.00	17.87 0.32 0.00	18.62 0.29 0.00	18.91 0.37 0.00	19.25 0.41 0.00	19.79 0.41 0.00	20.12 0.47 0.00	21.79 0.57 0.00	26.05 0.71 0.00	29.74 0.81 0.00	31.32 0.91 0.00	29.14 0.85 0.00	27.08 0.94 0.00	25.13 0.78 0.00	23.00 0.69 0.00	20.98 0.65 0.00
MILLIKEN__2 23585	18.92 0.52 0.00	17.05 0.42 0.00	16.94 0.38 0.00	15.26 0.33 0.00	15.20 0.36 0.00	15.19 0.37 0.00	14.71 0.30 0.00	15.50 0.32 0.00	16.88 0.31 0.00	17.87 0.32 0.00	18.62 0.29 0.00	18.91 0.37 0.00	19.25 0.41 0.00	19.79 0.41 0.00	20.12 0.47 0.00	21.79 0.57 0.00	26.05 0.71 0.00	29.74 0.81 0.00	31.32 0.91 0.00	29.14 0.85 0.00	27.08 0.94 0.00	25.13 0.78 0.00	23.00 0.69 0.00	20.98 0.65 0.00
MILLIKEN__DIESEL 23629	18.92 0.52 0.00	17.05 0.42 0.00	16.94 0.38 0.00	15.26 0.33 0.00	15.20 0.36 0.00	15.19 0.37 0.00	14.71 0.30 0.00	15.50 0.32 0.00	16.88 0.31 0.00	17.87 0.32 0.00	18.62 0.29 0.00	18.91 0.37 0.00	19.25 0.41 0.00	19.79 0.41 0.00	20.12 0.47 0.00	21.79 0.57 0.00	26.05 0.71 0.00	29.74 0.81 0.00	31.32 0.91 0.00	29.14 0.85 0.00	27.08 0.94 0.00	25.13 0.78 0.00	23.00 0.69 0.00	20.98 0.65 0.00
MILLSEAT__LFGE 323607	19.00 0.59 0.00	17.03 0.40 0.00	16.84 0.28 0.00	15.21 0.28 0.00	15.15 0.31 0.00	15.25 0.43 0.00	14.67 0.26 0.00	15.37 0.20 0.00	16.54 -0.03 0.00	17.49 -0.07 0.00	18.23 -0.09 0.00	18.54 0.00 0.00	18.84 0.00 0.00	19.44 0.06 0.00	19.94 0.30 0.00	21.64 0.42 0.00	25.66 0.33 0.00	29.08 0.15 0.00	30.56 0.15 0.00	28.52 0.23 0.00	26.56 0.42 0.00	24.79 0.44 0.00	22.67 0.36 0.00	20.89 0.57 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	19.51 1.10 0.00	17.60 0.96 0.00	17.45 0.89 0.00	15.72 0.79 0.00	15.57 0.73 0.00	15.53 0.71 0.00	15.20 0.79 0.00	16.04 0.87 0.00	17.56 0.99 0.00	18.65 1.09 0.00	19.50 1.17 0.00	19.93 1.39 0.00	20.18 1.34 0.00	20.88 1.49 0.00	21.12 1.47 0.00	22.81 1.59 0.00	27.29 1.95 0.00	31.22 2.29 0.00	32.69 2.28 0.00	30.39 2.09 0.00	27.84 1.70 0.00	26.03 1.68 0.00	23.87 1.56 0.00	21.69 1.36 0.00

MILLWOOD_13_KV_LOAD 356217	19.57 1.16 0.00	17.62 0.98 0.00	17.46 0.91 0.00	15.73 0.81 0.00	15.58 0.74 0.00	15.55 0.73 0.00	15.22 0.81 0.00	16.06 0.88 0.00	17.58 1.01 0.00	18.66 1.11 0.00	19.53 1.21 0.00	19.95 1.41 0.00	20.20 1.36 0.00	20.92 1.53 0.00	21.14 1.49 0.00	22.83 1.61 0.00	27.36 2.03 0.00	31.33 2.40 0.00	32.81 2.40 0.00	30.45 2.15 0.00	27.92 1.78 0.00	26.10 1.75 0.00	23.92 1.61 0.00	21.73 1.40 0.00
MODEL_CITY_ENERGY 24167	18.68 0.28 0.00	16.75 0.12 0.00	16.57 0.02 0.00	14.99 0.06 0.00	14.87 0.03 0.00	14.95 0.13 0.00	14.43 0.01 0.00	15.10 -0.08 0.00	16.19 -0.38 0.00	17.15 -0.40 0.00	17.88 -0.44 0.00	18.17 -0.37 0.00	18.46 -0.38 0.00	19.08 -0.31 0.00	19.55 -0.10 0.00	21.18 -0.04 0.00	25.08 -0.25 0.00	28.38 -0.55 0.00	29.74 -0.67 0.00	27.81 -0.48 0.00	25.90 -0.24 0.00	24.18 -0.17 0.00	22.11 -0.20 0.00	20.43 0.10 0.00
MODERN_LFGE_ 323580	18.68 0.28 0.00	16.75 0.12 0.00	16.57 0.02 0.00	14.99 0.06 0.00	14.87 0.03 0.00	14.95 0.13 0.00	14.43 0.01 0.00	15.10 -0.08 0.00	16.19 -0.38 0.00	17.15 -0.40 0.00	17.88 -0.44 0.00	18.17 -0.37 0.00	18.46 -0.38 0.00	19.08 -0.31 0.00	19.55 -0.10 0.00	21.18 -0.04 0.00	25.08 -0.25 0.00	28.38 -0.55 0.00	29.74 -0.67 0.00	27.81 -0.48 0.00	25.90 -0.24 0.00	24.18 -0.17 0.00	22.11 -0.20 0.00	20.43 0.10 0.00
MOHAWK_PAPER___DRP 24187	19.13 0.72 0.00	17.30 0.67 0.00	17.28 0.73 0.00	15.60 0.67 0.00	15.48 0.64 0.00	15.46 0.64 0.00	15.03 0.62 0.00	15.82 0.64 0.00	17.25 0.68 0.00	18.24 0.68 0.00	19.02 0.70 0.00	19.35 0.82 0.00	19.65 0.81 0.00	20.26 0.87 0.00	20.45 0.81 0.00	22.07 0.85 0.00	26.32 0.99 0.00	30.15 1.22 0.00	31.72 1.31 0.00	29.54 1.24 0.00	27.18 1.05 0.00	25.35 1.00 0.00	23.25 0.94 0.00	21.20 0.87 0.00
MOHICAN___35_KV_115KV_LD 80490	19.92 1.51 0.00	17.93 1.30 0.00	17.83 1.27 0.00	16.09 1.16 0.00	15.98 1.14 0.00	16.01 1.19 0.00	15.58 1.17 0.00	16.39 1.21 0.00	17.91 1.34 0.00	18.98 1.42 0.00	19.68 1.36 0.00	20.00 1.46 0.00	20.27 1.43 0.00	20.90 1.51 0.00	20.96 1.32 0.00	22.72 1.51 0.00	26.81 1.47 0.00	30.67 1.74 0.00	32.51 2.10 0.00	30.33 2.04 0.00	27.99 1.86 0.00	26.05 1.70 0.00	23.85 1.54 0.00	21.69 1.36 0.00
MONGAUP___HYD 23641	19.40 0.99 0.00	17.45 0.81 0.00	17.33 0.78 0.00	15.61 0.69 0.00	15.46 0.62 0.00	15.41 0.59 0.00	15.07 0.66 0.00	15.88 0.70 0.00	17.33 0.76 0.00	18.33 0.77 0.00	19.26 0.93 0.00	19.52 0.98 0.00	19.80 0.96 0.00	20.47 1.08 0.00	20.73 1.08 0.00	22.38 1.17 0.00	26.88 1.55 0.00	30.81 1.88 0.00	32.48 2.07 0.00	30.13 1.84 0.00	27.73 1.59 0.00	25.91 1.56 0.00	23.69 1.38 0.00	21.52 1.20 0.00
MONTAUK___DIESEL 23721	22.49 2.85 -1.23	19.55 2.59 -0.32	19.00 2.45 0.00	16.84 1.91 0.00	16.82 1.97 0.00	16.76 1.94 0.00	16.44 2.03 0.00	17.09 1.91 0.00	18.87 2.30 0.00	20.26 2.70 0.00	23.02 2.58 -2.12	27.82 2.72 -6.55	31.23 2.77 -9.62	32.22 2.95 -9.88	31.91 2.93 -9.34	33.48 3.25 -9.02	45.38 4.21 -15.84	44.29 4.86 -10.50	44.31 4.99 -8.91	38.82 4.44 -6.08	35.08 3.69 -5.25	34.27 3.51 -6.41	27.60 3.24 -2.06	24.39 2.91 -1.16
MOONROAD_115KV_HARTFLD_TB1-2 355988	19.38 0.98 0.00	17.35 0.72 0.00	17.17 0.61 0.00	15.52 0.60 0.00	15.54 0.70 0.00	15.58 0.76 0.00	15.05 0.63 0.00	15.74 0.56 0.00	17.05 0.48 0.00	18.07 0.51 0.00	18.64 0.31 0.00	19.00 0.46 0.00	19.44 0.60 0.00	20.12 0.74 0.00	20.65 1.00 0.00	22.24 1.02 0.00	26.50 1.17 0.00	29.88 0.95 0.00	31.35 0.94 0.00	29.34 1.05 0.00	27.37 1.23 0.00	25.49 1.14 0.00	23.29 0.98 0.00	21.42 1.10 0.00
MORTIMER_115KV_TB3 55949	18.70 0.29 0.00	16.82 0.18 0.00	16.67 0.12 0.00	15.03 0.10 0.00	15.00 0.16 0.00	15.01 0.19 0.00	14.51 0.10 0.00	15.24 0.06 0.00	16.55 -0.02 0.00	17.54 -0.02 0.00	18.25 -0.07 0.00	18.52 -0.02 0.00	18.93 0.09 0.00	19.46 0.08 0.00	19.88 0.24 0.00	21.47 0.25 0.00	25.64 0.30 0.00	29.07 0.14 0.00	30.59 0.18 0.00	28.49 0.20 0.00	26.45 0.31 0.00	24.64 0.29 0.00	22.56 0.25 0.00	20.67 0.35 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	19.64 1.23 0.00	17.70 1.06 0.00	17.55 0.99 0.00	15.81 0.88 0.00	15.66 0.82 0.00	15.62 0.80 0.00	15.30 0.89 0.00	16.15 0.97 0.00	17.66 1.09 0.00	18.75 1.19 0.00	19.64 1.32 0.00	20.09 1.56 0.00	20.33 1.49 0.00	21.05 1.67 0.00	21.30 1.65 0.00	23.00 1.78 0.00	27.54 2.20 0.00	31.48 2.55 0.00	32.96 2.55 0.00	30.64 2.35 0.00	28.02 1.88 0.00	26.20 1.85 0.00	24.07 1.76 0.00	21.87 1.54 0.00
MUNSVILLE_WIND_PWR 323609	19.72 1.31 0.00	17.75 1.11 0.00	17.70 1.14 0.00	15.96 1.03 0.00	15.88 1.04 0.00	15.84 1.02 0.00	15.32 0.91 0.00	16.09 0.91 0.00	17.53 0.96 0.00	18.51 0.95 0.00	19.29 0.97 0.00	19.56 1.02 0.00	19.97 1.13 0.00	20.43 1.05 0.00	20.78 1.14 0.00	22.68 1.46 0.00	27.11 1.77 0.00	31.10 2.17 0.00	32.87 2.46 0.00	30.81 2.52 0.00	28.96 2.82 0.00	26.59 2.24 0.00	24.27 1.96 0.00	22.12 1.79 0.00
N SALMON___HYD 24042	18.13 -0.28 0.00	16.39 -0.25 0.00	16.34 -0.22 0.00	14.76 -0.16 0.00	14.72 -0.12 0.00	14.69 -0.13 0.00	14.31 -0.10 0.00	15.09 -0.09 0.00	16.49 -0.08 0.00	17.51 -0.05 0.00	18.14 -0.18 0.00	18.35 -0.19 0.00	18.65 -0.19 0.00	19.15 -0.23 0.00	19.49 -0.16 0.00	20.92 -0.30 0.00	25.06 -0.28 0.00	28.76 -0.17 0.00	30.26 -0.15 0.00	28.18 -0.11 0.00	26.06 -0.08 0.00	24.30 -0.05 0.00	22.16 -0.16 0.00	20.18 -0.14 0.00
N.AKRON___115KV_KNAPP 355671	19.02 0.61 0.00	17.05 0.42 0.00	16.87 0.31 0.00	15.24 0.31 0.00	15.24 0.40 0.00	15.28 0.46 0.00	14.70 0.29 0.00	15.31 0.14 0.00	16.55 -0.02 0.00	17.52 -0.04 0.00	18.12 -0.20 0.00	18.43 -0.11 0.00	18.88 0.04 0.00	19.48 0.10 0.00	19.96 0.31 0.00	21.52 0.30 0.00	25.69 0.35 0.00	29.05 0.12 0.00	30.53 0.12 0.00	28.55 0.25 0.00	26.58 0.44 0.00	24.79 0.44 0.00	22.69 0.38 0.00	20.92 0.59 0.00
N.BELMOR_69_KV_BK1 55787	21.26 1.62 -1.23	18.37 1.41 -0.32	17.94 1.39 0.00	16.15 1.22 0.00	16.01 1.17 0.00	15.96 1.14 0.00	15.64 1.22 0.00	16.48 1.31 0.00	18.04 1.47 0.00	19.17 1.62 0.00	22.07 1.63 -2.12	26.94 1.85 -6.55	30.25 1.79 -9.62	31.25 1.98 -9.88	30.95 1.96 -9.34	32.34 2.10 -9.02	43.84 2.66 -15.84	42.50 3.07 -10.50	42.43 3.10 -8.91	37.21 2.83 -6.08	33.72 2.33 -5.25	33.03 2.26 -6.41	26.55 2.19 -2.06	23.44 1.95 -1.16
N.E._GEN_SANDY PD 24062	19.27 0.87 0.00	17.40 0.77 0.00	17.30 0.75 0.00	15.58 0.66 0.00	15.46 0.62 0.00	15.43 0.61 0.00	15.06 0.65 0.00	15.84 0.67 0.00	17.35 0.78 0.00	18.37 0.81 0.00	19.26 0.93 0.00	19.50 0.96 0.00	19.80 0.96 0.00	20.41 1.03 0.00	20.59 0.94 0.00	22.19 0.98 0.00	26.53 1.19 0.00	30.32 1.39 0.00	31.90 1.49 0.00	29.71 1.41 0.00	27.32 1.18 0.00	25.49 1.14 0.00	23.40 1.09 0.00	21.26 0.94 0.00

N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	19.49 1.09 0.00	17.57 0.93 0.00	17.42 0.86 0.00	15.69 0.76 0.00	15.54 0.70 0.00	15.50 0.68 0.00	15.17 0.76 0.00	16.03 0.85 0.00	17.55 0.98 0.00	18.63 1.07 0.00	19.48 1.15 0.00	19.91 1.37 0.00	20.16 1.32 0.00	20.86 1.47 0.00	21.12 1.47 0.00	22.81 1.59 0.00	27.29 1.95 0.00	31.16 2.23 0.00	32.66 2.25 0.00	30.36 2.07 0.00	27.84 1.70 0.00	26.01 1.66 0.00	23.85 1.54 0.00	21.67 1.34 0.00
N.QUEENS_27_KV_LOAD 356247	19.71 1.31 0.00	17.77 1.13 0.00	17.61 1.06 0.00	15.88 0.96 0.00	15.75 0.91 0.00	15.72 0.90 0.00	15.39 0.98 0.00	16.21 1.03 0.00	17.63 1.06 0.00	18.70 1.14 0.00	19.61 1.28 0.00	20.11 1.58 0.00	20.27 1.43 0.00	21.09 1.71 0.00	21.35 1.71 0.00	23.02 1.80 0.00	27.54 2.20 0.00	31.45 2.52 0.00	32.93 2.52 0.00	30.61 2.32 0.00	27.92 1.78 0.00	26.22 1.87 0.00	24.25 1.94 0.00	22.01 1.69 0.00
N.TROY___115KV_TB1 355778	19.25 0.85 0.00	17.40 0.77 0.00	17.33 0.78 0.00	15.61 0.69 0.00	15.51 0.67 0.00	15.49 0.67 0.00	15.09 0.68 0.00	15.86 0.68 0.00	17.35 0.78 0.00	18.33 0.77 0.00	19.11 0.79 0.00	19.44 0.91 0.00	19.74 0.90 0.00	20.34 0.95 0.00	20.51 0.86 0.00	22.15 0.93 0.00	26.40 1.06 0.00	30.20 1.27 0.00	31.81 1.40 0.00	29.65 1.36 0.00	27.31 1.18 0.00	25.45 1.10 0.00	23.34 1.03 0.00	21.24 0.91 0.00
NARROWS_GT1_1 24228	19.83 1.42 -0.01	17.84 1.20 -0.01	17.69 1.13 -0.01	15.92 0.98 -0.01	15.77 0.92 -0.01	15.69 0.87 0.00	15.41 0.99 -0.01	16.22 1.05 0.00	17.71 1.14 0.00	18.80 1.25 0.00	19.88 1.56 0.00	20.19 1.65 0.00	20.42 1.58 0.00	21.23 1.84 0.00	21.50 1.85 -0.01	23.18 1.95 -0.01	27.85 2.51 -0.01	31.77 2.84 -0.01	33.28 2.86 -0.01	30.93 2.63 -0.01	28.18 2.04 0.00	26.45 2.09 -0.01	24.25 1.94 0.00	22.01 1.69 0.00
NARROWS_GT1_2 24229	19.83 1.42 -0.01	17.84 1.20 -0.01	17.69 1.13 -0.01	15.92 0.98 -0.01	15.77 0.92 -0.01	15.69 0.87 0.00	15.41 0.99 -0.01	16.22 1.05 0.00	17.71 1.14 0.00	18.80 1.25 0.00	19.88 1.56 0.00	20.19 1.65 0.00	20.42 1.58 0.00	21.23 1.84 -0.01	21.50 1.85 -0.01	23.18 1.95 -0.01	27.85 2.51 -0.01	31.77 2.84 -0.01	33.28 2.86 -0.01	30.93 2.63 -0.01	28.18 2.04 0.00	26.45 2.09 -0.01	24.25 1.94 0.00	22.01 1.69 0.00
NARROWS_GT1_3 24230	19.83 1.42 -0.01	17.84 1.20 -0.01	17.69 1.13 -0.01	15.92 0.98 -0.01	15.77 0.92 -0.01	15.69 0.87 0.00	15.41 0.99 -0.01	16.22 1.05 0.00	17.71 1.14 0.00	18.80 1.25 0.00	19.88 1.56 0.00	20.19 1.65 0.00	20.42 1.58 0.00	21.23 1.84 -0.01	21.50 1.85 -0.01	23.18 1.95 -0.01	27.85 2.51 -0.01	31.77 2.84 -0.01	33.28 2.86 -0.01	30.93 2.63 -0.01	28.18 2.04 0.00	26.45 2.09 -0.01	24.25 1.94 0.00	22.01 1.69 0.00
NARROWS_GT1_4 24231	19.83 1.42 -0.01	17.84 1.20 -0.01	17.69 1.13 -0.01	15.92 0.98 -0.01	15.77 0.92 -0.01	15.69 0.87 0.00	15.41 0.99 -0.01	16.22 1.05 0.00	17.71 1.14 0.00	18.80 1.25 0.00	19.88 1.56 0.00	20.19 1.65 0.00	20.42 1.58 0.00	21.23 1.84 -0.01	21.50 1.85 -0.01	23.18 1.95 -0.01	27.85 2.51 -0.01	31.77 2.84 -0.01	33.28 2.86 -0.01	30.93 2.63 -0.01	28.18 2.04 0.00	26.45 2.09 -0.01	24.25 1.94 0.00	22.01 1.69 0.00
NARROWS_GT1_5 24232	19.83 1.42 -0.01	17.84 1.20 -0.01	17.69 1.13 -0.01	15.92 0.98 -0.01	15.77 0.92 -0.01	15.69 0.87 0.00	15.41 0.99 -0.01	16.22 1.05 0.00	17.71 1.14 0.00	18.80 1.25 0.00	19.88 1.56 0.00	20.19 1.65 0.00	20.42 1.58 0.00	21.23 1.84 -0.01	21.50 1.85 -0.01	23.18 1.95 -0.01	27.85 2.51 -0.01	31.77 2.84 -0.01	33.28 2.86 -0.01	30.93 2.63 -0.01	28.18 2.04 0.00	26.45 2.09 -0.01	24.25 1.94 0.00	22.01 1.69 0.00
NARROWS_GT1_6 24233	19.83 1.42 -0.01	17.84 1.20 -0.01	17.69 1.13 -0.01	15.92 0.98 -0.01	15.77 0.92 -0.01	15.69 0.87 0.00	15.41 0.99 -0.01	16.22 1.05 0.00	17.71 1.14 0.00	18.80 1.25 0.00	19.88 1.56 0.00	20.19 1.65 0.00	20.42 1.58 0.00	21.23 1.84 -0.01	21.50 1.85 -0.01	23.18 1.95 -0.01	27.85 2.51 -0.01	31.77 2.84 -0.01	33.28 2.86 -0.01	30.93 2.63 -0.01	28.18 2.04 0.00	26.45 2.09 -0.01	24.25 1.94 0.00	22.01 1.69 0.00
NARROWS_GT1_7 24234	19.83 1.42 -0.01	17.84 1.20 -0.01	17.69 1.13 -0.01	15.92 0.98 -0.01	15.77 0.92 -0.01	15.69 0.87 0.00	15.41 0.99 -0.01	16.22 1.05 0.00	17.71 1.14 0.00	18.80 1.25 0.00	19.88 1.56 0.00	20.19 1.65 0.00	20.42 1.58 0.00	21.23 1.84 -0.01	21.50 1.85 -0.01	23.18 1.95 -0.01	27.85 2.51 -0.01	31.77 2.84 -0.01	33.28 2.86 -0.01	30.93 2.63 -0.01	28.18 2.04 0.00	26.45 2.09 -0.01	24.25 1.94 0.00	22.01 1.69 0.00
NARROWS_GT1_8 24235	19.83 1.42 -0.01	17.84 1.20 -0.01	17.69 1.13 -0.01	15.92 0.98 -0.01	15.77 0.92 -0.01	15.69 0.87 0.00	15.41 0.99 -0.01	16.22 1.05 0.00	17.71 1.14 0.00	18.80 1.25 0.00	19.88 1.56 0.00	20.19 1.65 0.00	20.42 1.58 0.00	21.23 1.84 -0.01	21.50 1.85 -0.01	23.18 1.95 -0.01	27.85 2.51 -0.01	31.77 2.84 -0.01	33.28 2.86 -0.01	30.93 2.63 -0.01	28.18 2.04 0.00	26.45 2.09 -0.01	24.25 1.94 0.00	22.01 1.69 0.00
NARROWS_GT2_1 24236	19.83 1.42 -0.01	17.84 1.20 -0.01	17.69 1.13 -0.01	15.92 0.98 -0.01	15.77 0.92 -0.01	15.69 0.87 0.00	15.41 0.99 -0.01	16.22 1.05 0.00	17.71 1.14 0.00	18.80 1.25 0.00	19.88 1.56 0.00	20.19 1.65 0.00	20.42 1.58 0.00	21.23 1.84 -0.01	21.50 1.85 -0.01	23.18 1.95 -0.01	27.85 2.51 -0.01	31.77 2.84 -0.01	33.28 2.86 -0.01	30.93 2.63 -0.01	28.18 2.04 0.00	26.45 2.09 -0.01	24.25 1.94 0.00	22.01 1.69 0.00
NARROWS_GT2_2 24237	19.83 1.42 -0.01	17.84 1.20 -0.01	17.69 1.13 -0.01	15.92 0.98 -0.01	15.77 0.92 -0.01	15.69 0.87 0.00	15.41 0.99 -0.01	16.22 1.05 0.00	17.71 1.14 0.00	18.80 1.25 0.00	19.88 1.56 0.00	20.19 1.65 0.00	20.42 1.58 0.00	21.23 1.84 -0.01	21.50 1.85 -0.01	23.18 1.95 -0.01	27.85 2.51 -0.01	31.77 2.84 -0.01	33.28 2.86 -0.01	30.93 2.63 -0.01	28.18 2.04 0.00	26.45 2.09 -0.01	24.25 1.94 0.00	22.01 1.69 0.00
NARROWS_GT2_3 24238	19.83 1.42 -0.01	17.84 1.20 -0.01	17.69 1.13 -0.01	15.92 0.98 -0.01	15.77 0.92 -0.01	15.69 0.87 0.00	15.41 0.99 -0.01	16.22 1.05 0.00	17.71 1.14 0.00	18.80 1.25 0.00	19.88 1.56 0.00	20.19 1.65 0.00	20.42 1.58 0.00	21.23 1.84 -0.01	21.50 1.85 -0.01	23.18 1.95 -0.01	27.85 2.51 -0.01	31.77 2.84 -0.01	33.28 2.86 -0.01	30.93 2.63 -0.01	28.18 2.04 0.00	26.45 2.09 -0.01	24.25 1.94 0.00	22.01 1.69 0.00
NARROWS_GT2_4 24239	19.83 1.42 -0.01	17.84 1.20 -0.01	17.69 1.13 -0.01	15.92 0.98 -0.01	15.77 0.92 -0.01	15.69 0.87 0.00	15.41 0.99 -0.01	16.22 1.05 0.00	17.71 1.14 0.00	18.80 1.25 0.00	19.88 1.56 0.00	20.19 1.65 0.00	20.42 1.58 0.00	21.23 1.84 -0.01	21.50 1.85 -0.01	23.18 1.95 -0.01	27.85 2.51 -0.01	31.77 2.84 -0.01	33.28 2.86 -0.01	30.93 2.63 -0.01	28.18 2.04 0.00	26.45 2.09 -0.01	24.25 1.94 0.00	22.01 1.69 0.00

NARROWS_GT2_5 24240	19.83 1.42 -0.01	17.84 1.20 -0.01	17.69 1.13 -0.01	15.92 0.98 -0.01	15.77 0.92 -0.01	15.69 0.87 0.00	15.41 0.99 -0.01	16.22 1.05 0.00	17.71 1.14 0.00	18.80 1.25 0.00	19.88 1.56 0.00	20.19 1.65 0.00	20.42 1.58 0.00	21.23 1.84 0.00	21.50 1.85 -0.01	23.18 1.95 -0.01	27.85 2.51 -0.01	31.77 2.84 -0.01	33.28 2.86 -0.01	30.93 2.63 -0.01	28.18 2.04 0.00	26.45 2.09 -0.01	24.25 1.94 0.00	22.01 1.69 0.00
NARROWS_GT2_6 24241	19.83 1.42 -0.01	17.84 1.20 -0.01	17.69 1.13 -0.01	15.92 0.98 -0.01	15.77 0.92 -0.01	15.69 0.87 0.00	15.41 0.99 -0.01	16.22 1.05 0.00	17.71 1.14 0.00	18.80 1.25 0.00	19.88 1.56 0.00	20.19 1.65 0.00	20.42 1.58 0.00	21.23 1.84 0.00	21.50 1.85 -0.01	23.18 1.95 -0.01	27.85 2.51 -0.01	31.77 2.84 -0.01	33.28 2.86 -0.01	30.93 2.63 -0.01	28.18 2.04 0.00	26.45 2.09 -0.01	24.25 1.94 0.00	22.01 1.69 0.00
NARROWS_GT2_7 24242	19.83 1.42 -0.01	17.84 1.20 -0.01	17.69 1.13 -0.01	15.92 0.98 -0.01	15.77 0.92 -0.01	15.69 0.87 0.00	15.41 0.99 -0.01	16.22 1.05 0.00	17.71 1.14 0.00	18.80 1.25 0.00	19.88 1.56 0.00	20.19 1.65 0.00	20.42 1.58 0.00	21.23 1.84 0.00	21.50 1.85 -0.01	23.18 1.95 -0.01	27.85 2.51 -0.01	31.77 2.84 -0.01	33.28 2.86 -0.01	30.93 2.63 -0.01	28.18 2.04 0.00	26.45 2.09 -0.01	24.25 1.94 0.00	22.01 1.69 0.00
NARROWS_GT2_8 24243	19.83 1.42 -0.01	17.84 1.20 -0.01	17.69 1.13 -0.01	15.92 0.98 -0.01	15.77 0.92 -0.01	15.69 0.87 0.00	15.41 0.99 -0.01	16.22 1.05 0.00	17.71 1.14 0.00	18.80 1.25 0.00	19.88 1.56 0.00	20.19 1.65 0.00	20.42 1.58 0.00	21.23 1.84 0.00	21.50 1.85 -0.01	23.18 1.95 -0.01	27.85 2.51 -0.01	31.77 2.84 -0.01	33.28 2.86 -0.01	30.93 2.63 -0.01	28.18 2.04 0.00	26.45 2.09 -0.01	24.25 1.94 0.00	22.01 1.69 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	19.31 0.90 0.00	17.43 0.80 0.00	17.46 0.91 0.00	15.78 0.85 0.00	15.64 0.80 0.00	15.62 0.80 0.00	15.19 0.78 0.00	15.98 0.80 0.00	17.37 0.80 0.00	18.31 0.75 0.00	19.09 0.77 0.00	19.39 0.85 0.00	19.67 0.83 0.00	20.30 0.91 0.00	20.47 0.83 0.00	22.13 0.91 0.00	26.50 1.17 0.00	30.38 1.45 0.00	32.11 1.70 0.00	29.88 1.58 0.00	27.55 1.41 0.00	25.71 1.36 0.00	23.47 1.16 0.00	21.40 1.08 0.00
NCHELSEA_115KV_TR2 355582	19.57 1.16 0.00	17.62 0.98 0.00	17.48 0.93 0.00	15.75 0.82 0.00	15.60 0.76 0.00	15.56 0.74 0.00	15.22 0.81 0.00	16.06 0.88 0.00	17.58 1.01 0.00	18.63 1.07 0.00	19.48 1.15 0.00	19.89 1.35 0.00	20.14 1.30 0.00	20.84 1.45 0.00	21.06 1.41 0.00	22.77 1.55 0.00	27.29 1.95 0.00	31.24 2.31 0.00	32.81 2.40 0.00	30.45 2.15 0.00	27.94 1.80 0.00	26.13 1.78 0.00	23.92 1.61 0.00	21.73 1.40 0.00
NEG CAPITAL___MECHNVIL 23645	19.60 1.20 0.00	17.67 1.03 0.00	17.58 1.03 0.00	15.85 0.93 0.00	15.75 0.91 0.00	15.74 0.92 0.00	15.33 0.92 0.00	16.12 0.94 0.00	17.61 1.04 0.00	18.65 1.09 0.00	19.51 1.19 0.00	19.74 1.20 0.00	20.05 1.21 0.00	20.67 1.28 0.00	20.82 1.18 0.00	22.53 1.32 0.00	26.81 1.47 0.00	30.67 1.74 0.00	32.36 1.95 0.00	30.16 1.87 0.00	27.79 1.65 0.00	25.88 1.53 0.00	23.74 1.43 0.00	21.59 1.26 0.00
NEG CENTRAL_HIGH_ACRES 23767	18.33 -0.07 0.00	16.48 -0.15 0.00	16.34 -0.22 0.00	14.72 -0.21 0.00	14.71 -0.13 0.00	14.75 -0.07 0.00	14.22 -0.19 0.00	15.00 -0.18 0.00	16.30 -0.27 0.00	17.28 -0.28 0.00	18.07 -0.26 0.00	18.32 -0.22 0.00	18.65 -0.19 0.00	19.17 -0.21 0.00	19.55 -0.10 0.00	21.22 0.00 0.00	25.24 -0.10 0.00	28.70 -0.23 0.00	30.17 -0.24 0.00	28.04 -0.26 0.00	26.03 -0.10 0.00	24.23 -0.12 0.00	22.18 -0.13 0.00	20.29 -0.04 0.00
NEG CENTRAL___DRP 24199	18.70 0.29 0.00	16.85 0.22 0.00	16.70 0.15 0.00	15.06 0.13 0.00	15.00 0.16 0.00	15.03 0.21 0.00	14.56 0.14 0.00	15.31 0.14 0.00	16.69 0.12 0.00	17.68 0.12 0.00	18.42 0.09 0.00	18.70 0.17 0.00	19.07 0.23 0.00	19.62 0.23 0.00	19.96 0.31 0.00	21.62 0.40 0.00	25.82 0.48 0.00	29.39 0.46 0.00	30.96 0.55 0.00	28.72 0.42 0.00	26.69 0.55 0.00	24.81 0.46 0.00	22.71 0.40 0.00	20.71 0.39 0.00
NEG CENTRAL___INDECK 23768	19.27 0.87 0.00	17.30 0.67 0.00	17.12 0.56 0.00	15.43 0.51 0.00	15.44 0.59 0.00	15.52 0.70 0.00	14.87 0.46 0.00	15.50 0.32 0.00	16.60 0.03 0.00	17.52 -0.04 0.00	18.25 -0.07 0.00	18.52 -0.02 0.00	18.84 0.00 0.00	19.46 0.08 0.00	19.92 0.27 0.00	21.62 0.40 0.00	25.79 0.46 0.00	29.51 0.58 0.00	31.29 0.88 0.00	29.43 1.13 0.00	27.47 1.33 0.00	25.59 1.24 0.00	23.40 1.09 0.00	21.42 1.10 0.00
NEG CENTRAL___SENECA 23627	18.85 0.44 0.00	16.97 0.33 0.00	16.80 0.25 0.00	15.15 0.22 0.00	15.11 0.27 0.00	15.13 0.31 0.00	14.66 0.24 0.00	15.41 0.23 0.00	16.77 0.20 0.00	17.75 0.19 0.00	18.47 0.15 0.00	18.78 0.24 0.00	19.18 0.34 0.00	19.74 0.35 0.00	20.12 0.47 0.00	21.79 0.57 0.00	26.02 0.68 0.00	29.60 0.67 0.00	31.17 0.76 0.00	28.95 0.65 0.00	26.92 0.78 0.00	25.01 0.66 0.00	22.89 0.58 0.00	20.90 0.57 0.00
NEG CENTRAL___STATE_STREET 24147	18.68 0.28 0.00	16.85 0.22 0.00	16.72 0.17 0.00	15.06 0.13 0.00	15.00 0.16 0.00	15.00 0.18 0.00	14.53 0.12 0.00	15.33 0.15 0.00	16.74 0.17 0.00	17.75 0.19 0.00	18.53 0.20 0.00	18.80 0.26 0.00	19.14 0.30 0.00	19.68 0.29 0.00	20.02 0.37 0.00	21.62 0.40 0.00	25.84 0.51 0.00	29.48 0.55 0.00	30.99 0.58 0.00	28.80 0.51 0.00	26.71 0.58 0.00	24.84 0.49 0.00	22.71 0.40 0.00	20.71 0.39 0.00
NEG MILLWOOD___DRP 24198	19.64 1.23 0.00	17.67 1.03 0.00	17.51 0.96 0.00	15.79 0.87 0.00	15.63 0.79 0.00	15.58 0.76 0.00	15.23 0.82 0.00	16.07 0.90 0.00	17.60 1.03 0.00	18.70 1.14 0.00	19.55 1.23 0.00	19.95 1.41 0.00	20.20 1.36 0.00	20.92 1.53 0.00	21.12 1.47 0.00	22.83 1.61 0.00	27.41 2.08 0.00	31.48 2.55 0.00	33.00 2.58 0.00	30.53 2.24 0.00	28.05 1.91 0.00	26.25 1.90 0.00	23.96 1.65 0.00	21.79 1.46 0.00
NEG NORTH_FLCN_SEA 23793	18.33 -0.07 0.00	16.57 -0.07 0.00	16.52 -0.03 0.00	14.93 0.00 0.00	14.89 0.04 0.00	14.85 0.03 0.00	14.45 0.04 0.00	15.24 0.06 0.00	16.64 0.07 0.00	17.66 0.11 0.00	18.45 0.13 0.00	18.54 0.00 0.00	18.84 0.00 0.00	19.35 -0.04 0.00	19.68 0.04 0.00	21.15 -0.06 0.00	25.31 -0.03 0.00	29.05 0.12 0.00	30.56 0.15 0.00	28.46 0.17 0.00	26.27 0.13 0.00	24.50 0.15 0.00	22.33 0.02 0.00	20.33 0.00 0.00
NEG NORTH_KES_CHATEGAY 23792	18.17 -0.24 0.00	16.43 -0.20 0.00	16.39 -0.17 0.00	14.81 -0.12 0.00	14.75 -0.09 0.00	14.73 -0.09 0.00	14.32 -0.09 0.00	15.10 -0.08 0.00	16.47 -0.10 0.00	17.49 -0.07 0.00	18.29 -0.04 0.00	18.35 -0.19 0.00	18.65 -0.19 0.00	19.15 -0.23 0.00	19.47 -0.18 0.00	20.96 -0.25 0.00	25.06 -0.28 0.00	28.79 -0.14 0.00	30.26 -0.15 0.00	28.21 -0.08 0.00	26.03 -0.10 0.00	24.25 -0.10 0.00	22.13 -0.18 0.00	20.12 -0.20 0.00

NEG NORTH___ALICE_FALLS 23915	18.33 -0.07 0.00	16.55 -0.08 0.00	16.49 -0.07 0.00	14.90 -0.03 0.00	14.86 0.01 0.00	14.83 0.01 0.00	14.44 0.03 0.00	15.22 0.05 0.00	16.62 0.05 0.00	17.65 0.09 0.00	18.43 0.11 0.00	18.52 -0.02 0.00	18.82 -0.02 0.00	19.31 -0.08 0.00	19.66 0.02 0.00	21.13 -0.08 0.00	25.29 -0.05 0.00	29.05 0.12 0.00	30.56 0.15 0.00	28.49 0.20 0.00	26.30 0.16 0.00	24.50 0.15 0.00	22.33 0.02 0.00	20.31 -0.02 0.00
NEG NORTH___LWR_SARANAC 23913	18.33 -0.07 0.00	16.55 -0.08 0.00	16.49 -0.07 0.00	14.90 -0.03 0.00	14.86 0.01 0.00	14.83 0.01 0.00	14.44 0.03 0.00	15.22 0.05 0.00	16.62 0.05 0.00	17.65 0.09 0.00	18.43 0.11 0.00	18.52 -0.02 0.00	18.82 -0.02 0.00	19.31 -0.08 0.00	19.66 0.02 0.00	21.13 -0.08 0.00	25.29 -0.05 0.00	29.05 0.12 0.00	30.56 0.15 0.00	28.49 0.20 0.00	26.30 0.16 0.00	24.50 0.15 0.00	22.33 0.02 0.00	20.31 -0.02 0.00
NEG NORTH___PLATTSBURG 23628	18.32 -0.09 0.00	16.55 -0.08 0.00	16.49 -0.07 0.00	14.90 -0.03 0.00	14.86 0.01 0.00	14.83 0.01 0.00	14.44 0.03 0.00	15.22 0.05 0.00	16.62 0.05 0.00	17.65 0.09 0.00	18.29 -0.04 0.00	18.52 -0.02 0.00	18.82 -0.02 0.00	19.31 -0.08 0.00	19.66 0.02 0.00	21.13 -0.08 0.00	25.29 -0.05 0.00	29.05 0.12 0.00	30.56 0.15 0.00	28.49 0.20 0.00	26.30 0.16 0.00	24.50 0.15 0.00	22.33 0.02 0.00	20.35 0.02 0.00
NEG WEST_LEA_LOCKPORT 23791	18.83 0.42 0.00	16.88 0.25 0.00	16.69 0.13 0.00	15.11 0.18 0.00	15.09 0.25 0.00	15.12 0.30 0.00	14.56 0.14 0.00	15.15 -0.03 0.00	16.35 -0.22 0.00	17.33 -0.23 0.00	17.94 -0.38 0.00	18.22 -0.32 0.00	18.65 -0.19 0.00	19.27 -0.12 0.00	19.76 0.12 0.00	21.26 0.04 0.00	25.36 0.03 0.00	28.64 -0.29 0.00	30.05 -0.36 0.00	28.13 -0.17 0.00	26.19 0.05 0.00	24.42 0.07 0.00	22.36 0.04 0.00	20.65 0.33 0.00
NEG WEST___LANCASTR 23811	18.81 0.40 0.00	16.87 0.23 0.00	16.69 0.13 0.00	15.09 0.16 0.00	15.06 0.22 0.00	15.10 0.28 0.00	14.58 0.17 0.00	15.21 0.03 0.00	16.45 -0.12 0.00	17.45 -0.11 0.00	18.01 -0.31 0.00	18.37 -0.17 0.00	18.78 -0.06 0.00	19.43 0.04 0.00	19.92 0.28 0.00	21.47 0.25 0.00	25.59 0.25 0.00	28.84 -0.09 0.00	30.23 -0.18 0.00	28.27 -0.03 0.00	26.35 0.21 0.00	24.57 0.22 0.00	22.44 0.13 0.00	20.75 0.43 0.00
NEG_PENN_ALLEGHNY 23528	18.89 0.48 0.00	17.00 0.37 0.00	16.89 0.33 0.00	15.23 0.30 0.00	15.15 0.31 0.00	15.16 0.34 0.00	14.70 0.29 0.00	15.48 0.30 0.00	16.87 0.30 0.00	17.87 0.32 0.00	18.71 0.39 0.00	18.94 0.41 0.00	19.27 0.43 0.00	19.85 0.46 0.00	20.19 0.55 0.00	21.88 0.66 0.00	26.07 0.74 0.00	29.65 0.72 0.00	31.17 0.76 0.00	28.97 0.68 0.00	26.90 0.76 0.00	25.01 0.66 0.00	22.89 0.58 0.00	20.89 0.57 0.00
NEG___GEN_MONROE 24207	18.68 0.28 0.00	16.80 0.17 0.00	16.70 0.15 0.00	15.08 0.15 0.00	15.05 0.21 0.00	15.07 0.25 0.00	14.57 0.16 0.00	15.22 0.05 0.00	16.52 -0.05 0.00	17.51 -0.05 0.00	18.23 -0.09 0.00	18.48 -0.06 0.00	18.86 0.02 0.00	19.43 0.04 0.00	19.86 0.22 0.00	21.49 0.28 0.00	25.69 0.35 0.00	29.05 0.12 0.00	30.56 0.15 0.00	28.46 0.17 0.00	26.43 0.29 0.00	24.67 0.32 0.00	22.56 0.25 0.00	20.65 0.33 0.00
NEPA___ENERGY 23901	19.03 0.63 0.00	17.08 0.45 0.00	16.90 0.35 0.00	15.28 0.36 0.00	15.26 0.42 0.00	15.29 0.47 0.00	14.79 0.37 0.00	15.48 0.30 0.00	16.77 0.20 0.00	17.79 0.23 0.00	18.34 0.02 0.00	18.74 0.20 0.00	19.14 0.30 0.00	19.79 0.41 0.00	20.27 0.63 0.00	21.88 0.66 0.00	26.05 0.71 0.00	29.34 0.41 0.00	30.74 0.33 0.00	28.72 0.42 0.00	26.79 0.65 0.00	24.98 0.63 0.00	22.80 0.49 0.00	21.00 0.67 0.00
NEVERSINK___HYD 23608	19.13 0.72 0.00	17.18 0.55 0.00	17.05 0.50 0.00	15.34 0.42 0.00	15.20 0.36 0.00	15.13 0.31 0.00	14.81 0.40 0.00	15.62 0.44 0.00	17.12 0.55 0.00	18.12 0.56 0.00	19.04 0.71 0.00	19.30 0.76 0.00	19.59 0.75 0.00	20.26 0.87 0.00	20.51 0.86 0.00	22.17 0.96 0.00	26.63 1.29 0.00	30.49 1.56 0.00	32.11 1.70 0.00	29.79 1.50 0.00	27.42 1.28 0.00	25.59 1.24 0.00	23.40 1.09 0.00	21.26 0.94 0.00
NEWKRMKL_115KV_TB1 55635	18.92 0.52 0.00	17.13 0.50 0.00	17.17 0.61 0.00	15.51 0.58 0.00	15.38 0.53 0.00	15.35 0.53 0.00	14.94 0.53 0.00	15.72 0.55 0.00	17.10 0.53 0.00	18.08 0.53 0.00	18.87 0.55 0.00	19.20 0.67 0.00	19.48 0.64 0.00	20.08 0.70 0.00	20.27 0.63 0.00	21.85 0.64 0.00	26.10 0.76 0.00	29.83 0.90 0.00	31.38 0.97 0.00	29.20 0.91 0.00	26.90 0.76 0.00	25.08 0.73 0.00	23.00 0.69 0.00	20.98 0.65 0.00
NEWTON___FALLS_HYD 23847	18.06 -0.35 0.00	16.29 -0.35 0.00	16.26 -0.30 0.00	14.66 -0.27 0.00	14.59 -0.25 0.00	14.54 -0.28 0.00	14.12 -0.29 0.00	14.84 -0.33 0.00	16.21 -0.36 0.00	17.15 -0.40 0.00	17.92 -0.40 0.00	18.07 -0.46 0.00	18.41 -0.43 0.00	18.86 -0.52 0.00	19.13 -0.51 0.00	20.69 -0.53 0.00	24.73 -0.61 0.00	28.38 -0.55 0.00	29.92 -0.49 0.00	27.96 -0.34 0.00	26.06 -0.08 0.00	24.23 -0.12 0.00	22.15 -0.16 0.00	20.14 -0.18 0.00
NGRID_A1_DSASP 323792	18.43 0.02 0.00	16.52 -0.12 0.00	16.36 -0.20 0.00	14.78 -0.15 0.00	14.92 0.07 0.00	14.98 0.16 0.00	14.27 -0.14 0.00	14.97 -0.21 0.00	16.09 -0.48 0.00	17.05 -0.51 0.00	17.77 -0.55 0.00	18.05 -0.48 0.00	18.33 -0.51 0.00	18.94 -0.45 0.00	19.39 -0.26 0.00	21.03 -0.19 0.00	24.88 -0.46 0.00	28.15 -0.78 0.00	29.50 -0.91 0.00	27.56 -0.74 0.00	25.67 -0.47 0.00	23.96 -0.39 0.00	21.91 -0.40 0.00	20.27 -0.06 0.00
NGRID_A2_DSASP 323793	18.43 0.02 0.00	16.52 -0.12 0.00	16.36 -0.20 0.00	14.78 -0.15 0.00	14.92 0.07 0.00	14.98 0.16 0.00	14.27 -0.14 0.00	14.97 -0.21 0.00	16.09 -0.48 0.00	17.05 -0.51 0.00	17.77 -0.55 0.00	18.05 -0.48 0.00	18.33 -0.51 0.00	18.94 -0.45 0.00	19.39 -0.26 0.00	21.03 -0.19 0.00	24.88 -0.46 0.00	28.15 -0.78 0.00	29.50 -0.91 0.00	27.56 -0.74 0.00	25.67 -0.47 0.00	23.96 -0.39 0.00	21.91 -0.40 0.00	20.27 -0.06 0.00
NGRID_A4_DSASP 323807	18.43 0.02 0.00	16.52 -0.12 0.00	16.36 -0.20 0.00	14.78 -0.15 0.00	14.78 -0.06 0.00	14.79 -0.03 0.00	14.27 -0.14 0.00	14.90 -0.27 0.00	16.07 -0.50 0.00	17.05 -0.51 0.00	17.65 -0.68 0.00	17.91 -0.63 0.00	18.33 -0.51 0.00	18.94 -0.45 0.00	19.39 -0.26 0.00	20.88 -0.34 0.00	24.88 -0.46 0.00	28.06 -0.87 0.00	29.44 -0.97 0.00	27.56 -0.74 0.00	25.67 -0.47 0.00	23.94 -0.41 0.00	21.91 -0.40 0.00	20.27 -0.06 0.00
NIAGARA_115E_LBMP 323715	18.59 0.18 0.00	16.68 0.05 0.00	16.50 -0.05 0.00	14.94 0.01 0.00	14.80 -0.04 0.00	14.88 0.06 0.00	14.37 -0.04 0.00	15.04 -0.14 0.00	16.11 -0.46 0.00	17.07 -0.49 0.00	17.79 -0.53 0.00	18.07 -0.46 0.00	18.35 -0.49 0.00	18.96 -0.43 0.00	19.43 -0.22 0.00	21.07 -0.15 0.00	24.93 -0.41 0.00	28.21 -0.72 0.00	29.56 -0.85 0.00	27.62 -0.68 0.00	25.72 -0.42 0.00	24.03 -0.32 0.00	21.98 -0.33 0.00	20.31 -0.02 0.00

NIAGARA_115W_LBMP 323714	18.37 -0.04 0.00	16.48 -0.15 0.00	16.31 -0.25 0.00	14.73 -0.19 0.00	14.89 0.04 0.00	14.95 0.13 0.00	14.22 -0.19 0.00	14.93 -0.24 0.00	16.04 -0.53 0.00	17.00 -0.56 0.00	17.72 -0.60 0.00	18.00 -0.54 0.00	18.28 -0.56 0.00	18.88 -0.50 0.00	19.35 -0.29 0.00	20.96 -0.25 0.00	24.80 -0.53 0.00	28.06 -0.87 0.00	29.41 -1.00 0.00	27.47 -0.82 0.00	25.59 -0.55 0.00	23.89 -0.46 0.00	21.86 -0.45 0.00	20.20 -0.12 0.00
NIAGARA_230_LBMP 323716	18.61 0.20 0.00	16.70 0.07 0.00	16.52 -0.03 0.00	14.93 0.00 0.00	14.93 0.09 0.00	15.00 0.18 0.00	14.41 0.00 0.00	15.13 -0.05 0.00	16.27 -0.30 0.00	17.24 -0.32 0.00	17.98 -0.35 0.00	18.26 -0.28 0.00	18.54 -0.30 0.00	19.15 -0.23 0.00	19.61 -0.04 0.00	21.26 0.04 0.00	25.16 -0.18 0.00	28.47 -0.46 0.00	29.83 -0.58 0.00	27.87 -0.42 0.00	25.93 -0.21 0.00	24.20 -0.15 0.00	22.13 -0.18 0.00	20.45 0.12 0.00
NIAGARA__115KV_198_GIBSON 55903	18.37 -0.04 0.00	16.48 -0.15 0.00	16.31 -0.25 0.00	14.73 -0.19 0.00	14.74 -0.10 0.00	14.75 -0.07 0.00	14.22 -0.19 0.00	14.86 -0.32 0.00	16.04 -0.53 0.00	17.00 -0.56 0.00	17.59 -0.73 0.00	17.87 -0.67 0.00	18.27 -0.57 0.00	18.88 -0.50 0.00	19.35 -0.29 0.00	20.82 -0.40 0.00	24.80 -0.53 0.00	28.00 -0.93 0.00	29.38 -1.03 0.00	27.47 -0.82 0.00	25.59 -0.55 0.00	23.86 -0.49 0.00	21.86 -0.45 0.00	20.20 -0.12 0.00
NIAGARA____ 23760	18.46 0.06 0.00	16.55 -0.08 0.00	16.37 -0.18 0.00	14.81 -0.12 0.00	14.83 -0.01 0.00	14.89 0.07 0.00	14.28 -0.13 0.00	14.98 -0.20 0.00	16.11 -0.46 0.00	17.07 -0.49 0.00	17.79 -0.53 0.00	18.07 -0.46 0.00	18.37 -0.47 0.00	18.96 -0.43 0.00	19.43 -0.22 0.00	21.07 -0.15 0.00	24.96 -0.38 0.00	28.24 -0.69 0.00	29.59 -0.82 0.00	27.65 -0.65 0.00	25.75 -0.39 0.00	24.03 -0.32 0.00	21.95 -0.36 0.00	20.25 -0.08 0.00
NINE_MILE_1 23575	18.08 -0.33 0.00	16.32 -0.32 0.00	16.22 -0.33 0.00	14.61 -0.31 0.00	14.54 -0.30 0.00	14.54 -0.28 0.00	14.11 -0.30 0.00	14.86 -0.32 0.00	16.21 -0.36 0.00	17.17 -0.39 0.00	17.96 -0.37 0.00	18.15 -0.39 0.00	18.44 -0.40 0.00	18.94 -0.45 0.00	19.21 -0.43 0.00	20.79 -0.42 0.00	24.78 -0.56 0.00	28.27 -0.66 0.00	29.71 -0.70 0.00	27.65 -0.65 0.00	25.59 -0.55 0.00	23.81 -0.54 0.00	21.82 -0.49 0.00	19.90 -0.43 0.00
NINE_MILE_2 23744	18.08 -0.33 0.00	16.32 -0.32 0.00	16.22 -0.33 0.00	14.63 -0.30 0.00	14.54 -0.30 0.00	14.54 -0.28 0.00	14.11 -0.30 0.00	14.86 -0.32 0.00	16.21 -0.36 0.00	17.19 -0.37 0.00	17.96 -0.37 0.00	18.15 -0.39 0.00	18.44 -0.40 0.00	18.94 -0.45 0.00	19.21 -0.43 0.00	20.79 -0.42 0.00	24.78 -0.56 0.00	28.27 -0.66 0.00	29.71 -0.70 0.00	27.65 -0.65 0.00	25.59 -0.55 0.00	23.81 -0.54 0.00	21.82 -0.49 0.00	19.90 -0.43 0.00
NM_CAPITAL____DRP 24208	18.98 0.57 0.00	17.18 0.55 0.00	17.18 0.63 0.00	15.51 0.58 0.00	15.39 0.55 0.00	15.35 0.53 0.00	14.96 0.55 0.00	15.72 0.55 0.00	17.13 0.56 0.00	18.12 0.56 0.00	18.89 0.57 0.00	19.22 0.69 0.00	19.52 0.68 0.00	20.12 0.74 0.00	20.29 0.65 0.00	21.90 0.68 0.00	26.12 0.79 0.00	29.88 0.95 0.00	31.44 1.03 0.00	29.26 0.96 0.00	26.95 0.81 0.00	25.13 0.78 0.00	23.05 0.74 0.00	21.02 0.69 0.00
NM_CENTRAL____DRP 24181	18.44 0.04 0.00	16.63 0.00 0.00	16.52 -0.03 0.00	14.90 -0.03 0.00	14.83 -0.01 0.00	14.80 -0.01 0.00	14.37 -0.04 0.00	15.13 -0.05 0.00	16.52 -0.05 0.00	17.51 -0.05 0.00	18.27 -0.05 0.00	18.52 -0.02 0.00	18.86 0.02 0.00	19.37 -0.02 0.00	19.66 0.02 0.00	21.26 0.04 0.00	25.39 0.05 0.00	28.93 0.00 0.00	30.41 0.00 0.00	28.27 -0.03 0.00	26.19 0.05 0.00	24.35 0.00 0.00	22.31 0.00 0.00	20.35 0.02 0.00
NM_FRONTIER____DRP 24179	18.37 -0.04 0.00	16.48 -0.15 0.00	16.31 -0.25 0.00	14.73 -0.19 0.00	14.74 -0.10 0.00	14.75 -0.07 0.00	14.22 -0.19 0.00	14.86 -0.32 0.00	16.04 -0.53 0.00	17.00 -0.56 0.00	17.59 -0.73 0.00	17.87 -0.67 0.00	18.27 -0.57 0.00	18.88 -0.50 0.00	19.35 -0.29 0.00	20.82 -0.40 0.00	24.80 -0.53 0.00	28.00 -0.93 0.00	29.38 -1.03 0.00	27.47 -0.82 0.00	25.59 -0.55 0.00	23.86 -0.49 0.00	21.86 -0.45 0.00	20.20 -0.12 0.00
NM_ST_REGIS____HYD 24053	17.80 -0.61 0.00	16.09 -0.55 0.00	16.06 -0.50 0.00	14.48 -0.45 0.00	14.44 -0.40 0.00	14.40 -0.41 0.00	14.02 -0.39 0.00	14.77 -0.41 0.00	16.12 -0.45 0.00	17.10 -0.46 0.00	17.88 -0.44 0.00	17.94 -0.59 0.00	18.24 -0.60 0.00	18.73 -0.66 0.00	19.02 -0.63 0.00	20.48 -0.74 0.00	24.50 -0.84 0.00	28.09 -0.84 0.00	29.59 -0.82 0.00	27.59 -0.71 0.00	25.62 -0.52 0.00	23.94 -0.41 0.00	21.84 -0.47 0.00	19.86 -0.47 0.00
NORTHPORT____1 23551	21.35 1.71 -1.23	18.47 1.51 -0.32	18.04 1.47 -0.01	16.16 1.22 -0.01	16.04 1.19 -0.01	15.94 1.11 -0.01	15.67 1.25 -0.01	16.44 1.26 -0.01	18.05 1.47 -0.01	19.22 1.65 -0.01	22.16 1.72 -2.12	26.87 1.78 -6.55	30.17 1.71 -9.62	31.11 1.84 -9.88	30.79 1.81 -9.34	32.08 1.85 -9.02	43.59 2.41 -15.84	42.21 2.78 -10.50	42.18 2.86 -8.91	36.95 2.57 -6.08	33.48 2.09 -5.25	32.78 2.02 -6.41	26.53 2.16 -2.06	23.38 1.89 -1.16
NORTHPORT____2 23552	21.35 1.71 -1.23	18.47 1.51 -0.32	18.04 1.47 -0.01	16.16 1.22 -0.01	16.04 1.19 -0.01	15.94 1.11 -0.01	15.67 1.25 -0.01	16.44 1.26 -0.01	18.05 1.47 -0.01	19.22 1.65 -0.01	22.16 1.72 -2.12	26.87 1.78 -6.55	30.17 1.71 -9.62	31.11 1.84 -9.88	30.79 1.81 -9.34	32.08 1.85 -9.02	43.59 2.41 -15.84	42.21 2.78 -10.50	42.18 2.86 -8.91	36.95 2.57 -6.08	33.48 2.09 -5.25	32.78 2.02 -6.41	26.53 2.16 -2.06	23.38 1.89 -1.16
NORTHPORT____3 23553	21.28 1.64 -1.23	18.37 1.41 -0.32	17.95 1.39 -0.01	16.14 1.21 -0.01	16.01 1.16 -0.01	15.92 1.10 -0.01	15.64 1.22 -0.01	16.44 1.26 -0.01	18.04 1.46 -0.01	19.18 1.61 -0.01	22.16 1.72 -2.12	26.89 1.80 -6.55	30.23 1.77 -9.62	31.22 1.96 -9.88	30.93 1.95 -9.34	32.27 2.04 -9.02	43.81 2.63 -15.84	42.44 3.01 -10.50	42.39 3.07 -8.91	37.15 2.77 -6.08	33.69 2.30 -5.25	32.98 2.22 -6.41	26.53 2.16 -2.06	23.38 1.89 -1.16
NORTHPORT____4 23650	21.28 1.64 -1.23	18.37 1.41 -0.32	17.95 1.39 -0.01	16.14 1.21 -0.01	16.01 1.16 -0.01	15.92 1.10 -0.01	15.64 1.22 -0.01	16.44 1.26 -0.01	18.04 1.46 -0.01	19.18 1.61 -0.01	22.16 1.72 -2.12	26.89 1.80 -6.55	30.23 1.77 -9.62	31.22 1.96 -9.88	30.93 1.95 -9.34	32.27 2.04 -9.02	43.81 2.63 -15.84	42.44 3.01 -10.50	42.39 3.07 -8.91	37.15 2.77 -6.08	33.69 2.30 -5.25	32.98 2.22 -6.41	26.53 2.16 -2.06	23.38 1.89 -1.16
NORTHPORT____IC 23718	21.35 1.71 -1.23	18.47 1.51 -0.32	18.04 1.47 -0.01	16.16 1.22 -0.01	16.04 1.19 -0.01	15.94 1.11 -0.01	15.67 1.25 -0.01	16.44 1.26 -0.01	18.05 1.47 -0.01	19.22 1.65 -0.01	22.16 1.72 -2.12	26.87 1.78 -6.55	30.17 1.71 -9.62	31.11 1.84 -9.88	30.79 1.81 -9.34	32.08 1.85 -9.02	43.59 2.41 -15.84	42.21 2.78 -10.50	42.18 2.86 -8.91	36.95 2.57 -6.08	33.48 2.09 -5.25	32.78 2.02 -6.41	26.53 2.16 -2.06	23.38 1.89 -1.16

NORTH__COUNTRY_ESR 323785	18.11 -0.30 0.00	16.40 -0.23 0.00	16.34 -0.22 0.00	14.76 -0.16 0.00	14.72 -0.12 0.00	14.69 -0.13 0.00	14.30 -0.12 0.00	15.07 -0.11 0.00	16.45 -0.12 0.00	17.47 -0.09 0.00	18.10 -0.22 0.00	18.32 -0.22 0.00	18.61 -0.23 0.00	19.13 -0.25 0.00	19.45 -0.20 0.00	20.92 -0.30 0.00	25.03 -0.30 0.00	28.73 -0.20 0.00	30.20 -0.21 0.00	28.13 -0.17 0.00	25.96 -0.18 0.00	24.18 -0.17 0.00	22.07 -0.24 0.00	20.12 -0.20 0.00
NPX_GEN_1385_PROXY 323591	21.35 1.71 -1.23	18.47 1.51 -0.32	18.04 1.47 -0.01	16.16 1.22 -0.01	16.04 1.19 -0.01	15.94 1.11 -0.01	15.67 1.25 -0.01	16.44 1.26 -0.01	18.05 1.47 -0.01	19.22 1.65 -0.01	22.16 1.72 -2.12	26.87 1.78 -6.55	30.17 1.71 -9.62	31.11 1.84 -9.88	30.79 1.81 -9.34	32.08 1.85 -9.02	43.59 2.41 -15.84	42.21 2.78 -10.50	42.18 2.86 -8.91	36.95 2.57 -6.08	33.48 2.09 -5.25	32.78 2.02 -6.41	26.53 2.16 -2.06	23.38 1.89 -1.16
NPX_GEN_CSC 323557	21.72 2.08 -1.23	18.87 1.91 -0.32	18.38 1.82 -0.01	16.22 1.28 -0.01	16.20 1.35 -0.01	16.00 1.17 -0.01	15.86 1.44 -0.01	16.40 1.21 -0.01	18.18 1.61 -0.01	19.43 1.86 -0.01	22.18 1.74 -2.12	26.79 1.70 -6.55	30.15 1.70 -9.62	31.15 1.88 -9.88	30.79 1.81 -9.34	32.19 1.95 -9.02	43.81 2.63 -15.84	42.49 3.07 -10.50	42.49 3.16 -8.91	37.18 2.80 -6.08	33.66 2.27 -5.25	32.93 2.17 -6.41	26.49 2.12 -2.06	23.34 1.85 -1.16
NSINS_S_GLNS_FALLS 23858	19.95 1.55 0.00	17.97 1.33 0.00	17.86 1.31 0.00	16.12 1.19 0.00	16.01 1.17 0.00	16.03 1.22 0.00	15.61 1.20 0.00	16.42 1.24 0.00	17.95 1.38 0.00	19.02 1.46 0.00	19.72 1.39 0.00	20.02 1.48 0.00	20.31 1.47 0.00	20.94 1.55 0.00	20.98 1.34 0.00	22.77 1.55 0.00	26.81 1.47 0.00	30.64 1.71 0.00	32.51 2.10 0.00	30.33 2.04 0.00	27.99 1.86 0.00	26.05 1.70 0.00	23.87 1.56 0.00	21.69 1.36 0.00
NUCOR_STEEL__DRP 24197	18.72 0.31 0.00	16.90 0.27 0.00	16.77 0.22 0.00	15.11 0.18 0.00	15.05 0.21 0.00	15.04 0.22 0.00	14.57 0.16 0.00	15.36 0.18 0.00	16.77 0.20 0.00	17.77 0.21 0.00	18.54 0.22 0.00	18.80 0.26 0.00	19.16 0.32 0.00	19.68 0.29 0.00	20.00 0.35 0.00	21.62 0.40 0.00	25.84 0.51 0.00	29.45 0.52 0.00	30.99 0.58 0.00	28.78 0.48 0.00	26.69 0.55 0.00	24.84 0.49 0.00	22.73 0.42 0.00	20.73 0.41 0.00
NUMBER_THREE_WT_PWR 323818	18.52 0.11 0.00	16.68 0.05 0.00	16.65 0.10 0.00	15.00 0.08 0.00	14.93 0.09 0.00	14.88 0.06 0.00	14.43 0.01 0.00	15.15 -0.03 0.00	16.54 -0.03 0.00	17.49 -0.07 0.00	18.27 -0.05 0.00	18.50 -0.04 0.00	18.84 0.00 0.00	19.29 -0.10 0.00	19.57 -0.08 0.00	21.22 0.00 0.00	25.36 0.03 0.00	29.10 0.17 0.00	30.71 0.30 0.00	28.69 0.40 0.00	26.77 0.63 0.00	24.79 0.44 0.00	22.67 0.36 0.00	20.63 0.31 0.00
NYISO_LBMP_REFERENCE 24008	18.41 0.00 0.00	16.63 0.00 0.00	16.55 0.00 0.00	14.93 0.00 0.00	14.84 0.00 0.00	14.82 0.00 0.00	14.41 0.00 0.00	15.18 0.00 0.00	16.57 0.00 0.00	17.56 0.00 0.00	18.32 0.00 0.00	18.54 0.00 0.00	18.84 0.00 0.00	19.39 0.00 0.00	19.65 0.00 0.00	21.22 0.00 0.00	25.34 0.00 0.00	28.93 0.00 0.00	30.41 0.00 0.00	28.29 0.00 0.00	26.14 0.00 0.00	24.35 0.00 0.00	22.31 0.00 0.00	20.33 0.00 0.00
NYPA_BRENTWD__GT 24164	21.59 1.95 -1.23	18.67 1.71 -0.32	18.22 1.66 -0.01	16.31 1.37 -0.01	16.21 1.36 -0.01	16.09 1.26 -0.01	15.83 1.41 -0.01	16.58 1.40 -0.01	18.20 1.62 -0.01	19.41 1.84 -0.01	22.36 1.92 -2.12	27.07 1.98 -6.55	30.42 1.96 -9.62	31.40 2.13 -9.88	31.09 2.10 -9.34	32.44 2.21 -9.02	44.06 2.89 -15.84	42.75 3.33 -10.50	42.76 3.44 -8.91	37.46 3.08 -6.08	33.95 2.56 -5.25	33.22 2.46 -6.41	26.82 2.45 -2.06	23.64 2.15 -1.16
NYPA_GOWANUS__GT5 24156	19.83 1.42 -0.01	17.84 1.20 -0.01	17.69 1.13 -0.01	15.92 0.98 -0.01	15.77 0.92 -0.01	15.69 0.87 0.00	15.41 0.99 -0.01	16.22 1.05 0.00	17.71 1.14 0.00	18.80 1.25 0.00	19.88 1.56 0.00	20.19 1.65 0.00	20.42 1.58 0.00	21.23 1.84 0.00	21.50 1.85 -0.01	23.18 1.95 -0.01	27.85 2.51 -0.01	31.77 2.84 -0.01	33.28 2.86 -0.01	30.93 2.63 -0.01	28.18 2.04 0.00	26.45 2.09 -0.01	24.25 1.94 0.00	22.01 1.69 0.00
NYPA_GOWANUS__GT6 24157	19.83 1.42 -0.01	17.84 1.20 -0.01	17.69 1.13 -0.01	15.92 0.98 -0.01	15.77 0.92 -0.01	15.69 0.87 0.00	15.41 0.99 -0.01	16.22 1.05 0.00	17.71 1.14 0.00	18.80 1.25 0.00	19.88 1.56 0.00	20.19 1.65 0.00	20.42 1.58 0.00	21.23 1.84 0.00	21.50 1.85 -0.01	23.18 1.95 -0.01	27.85 2.51 -0.01	31.77 2.84 -0.01	33.28 2.86 -0.01	30.93 2.63 -0.01	28.18 2.04 0.00	26.45 2.09 -0.01	24.25 1.94 0.00	22.01 1.69 0.00
NYPA_HARLEM_RVR_GT1 24160	19.72 1.31 -0.01	17.76 1.11 -0.01	17.61 1.04 -0.01	15.88 0.94 -0.01	15.74 0.89 -0.01	15.68 0.86 0.00	15.38 0.97 -0.01	16.16 0.99 0.00	17.61 1.04 0.01	18.67 1.12 0.01	19.72 1.39 0.00	20.02 1.48 0.00	20.25 1.41 0.00	21.07 1.69 0.00	21.34 1.69 -0.01	22.99 1.76 -0.01	27.52 2.18 -0.01	31.40 2.46 -0.01	32.91 2.49 -0.01	30.59 2.29 -0.01	27.89 1.75 0.00	26.21 1.85 -0.01	24.23 1.92 0.00	21.99 1.67 0.00
NYPA_HARLEM_RVR_GT2 24161	19.72 1.31 -0.01	17.76 1.11 -0.01	17.61 1.04 -0.01	15.88 0.94 -0.01	15.74 0.89 -0.01	15.68 0.86 0.00	15.38 0.97 -0.01	16.16 0.99 0.00	17.61 1.04 0.01	18.67 1.12 0.01	19.72 1.39 0.00	20.02 1.48 0.00	20.25 1.41 0.00	21.07 1.69 0.00	21.34 1.69 -0.01	22.99 1.76 -0.01	27.52 2.18 -0.01	31.40 2.46 -0.01	32.91 2.49 -0.01	30.59 2.29 -0.01	27.89 1.75 0.00	26.21 1.85 -0.01	24.23 1.92 0.00	21.99 1.67 0.00
NYPA_KENT__GT 24152	19.80 1.38 -0.01	17.81 1.16 -0.01	17.65 1.09 -0.01	15.90 0.97 -0.01	15.76 0.91 -0.01	15.66 0.84 0.00	15.40 0.98 -0.01	16.21 1.03 0.00	17.70 1.13 0.00	18.79 1.23 0.00	19.84 1.52 0.00	20.15 1.61 0.00	20.38 1.55 0.00	21.19 1.80 0.00	21.46 1.81 -0.01	23.11 1.89 -0.01	27.75 2.41 -0.01	31.69 2.75 -0.01	33.19 2.77 -0.01	30.85 2.55 -0.01	28.12 1.99 0.00	26.38 2.02 -0.01	24.21 1.90 0.00	21.97 1.65 0.00
NYPA_POUCH1__GT 24155	19.80 1.38 -0.01	17.81 1.16 -0.01	17.65 1.09 -0.01	15.89 0.96 -0.01	15.74 0.89 -0.01	15.66 0.84 0.00	15.37 0.95 -0.01	16.18 1.00 0.00	17.65 1.08 0.00	18.75 1.19 0.00	19.83 1.50 0.00	20.11 1.57 0.00	20.35 1.51 0.00	21.17 1.78 0.00	21.44 1.79 -0.01	23.11 1.89 -0.01	27.78 2.43 -0.01	31.70 2.75 -0.02	33.19 2.77 -0.02	30.86 2.55 -0.02	28.12 1.99 0.00	26.40 2.05 -0.01	24.23 1.92 0.00	21.99 1.67 0.00
NYPA_VERNON__GT2 24162	19.76 1.34 -0.01	17.79 1.15 -0.01	17.62 1.06 -0.01	15.88 0.94 -0.01	15.73 0.88 -0.01	15.65 0.83 0.00	15.37 0.95 -0.01	16.19 1.02 0.00	17.68 1.11 0.00	18.77 1.21 0.00	19.81 1.48 0.00	20.11 1.57 0.00	20.35 1.51 0.00	21.15 1.76 0.00	21.40 1.75 -0.01	23.07 1.85 -0.01	27.67 2.33 -0.01	31.60 2.66 -0.01	33.10 2.68 -0.01	30.76 2.46 -0.01	28.05 1.91 0.00	26.31 1.95 -0.01	24.16 1.85 0.00	21.93 1.61 0.00

NYPA_VERNON____GT3 24163	19.76 1.34 -0.01	17.79 1.15 -0.01	17.62 1.06 -0.01	15.88 0.94 -0.01	15.73 0.88 -0.01	15.65 0.83 0.00	15.37 0.95 -0.01	16.19 1.02 0.00	17.68 1.11 0.00	18.77 1.21 0.00	19.81 1.48 0.00	20.11 1.57 0.00	20.35 1.51 0.00	21.15 1.76 0.00	21.40 1.75 -0.01	23.07 1.85 -0.01	27.67 2.33 -0.01	31.60 2.66 -0.01	33.10 2.68 -0.01	30.76 2.46 -0.01	28.05 1.91 0.00	26.31 1.95 -0.01	24.16 1.85 0.00	21.93 1.61 0.00
NYPA____ASTORIA_CC1 323568	19.74 1.33 -0.01	17.77 1.13 -0.01	17.62 1.06 -0.01	15.88 0.94 -0.01	15.73 0.88 -0.01	15.65 0.83 0.00	15.37 0.95 -0.01	16.18 1.00 0.00	17.68 1.11 0.00	18.75 1.19 0.00	19.81 1.48 0.00	20.09 1.56 0.00	20.35 1.51 0.00	21.13 1.75 0.00	21.40 1.75 -0.01	23.05 1.83 -0.01	27.65 2.31 -0.01	31.57 2.63 -0.01	33.06 2.64 -0.01	30.74 2.43 -0.01	28.02 1.88 0.00	26.28 1.92 -0.01	24.16 1.85 0.00	21.93 1.61 0.00
NYPA____ASTORIA_CC2 323569	19.74 1.33 -0.01	17.77 1.13 -0.01	17.62 1.06 -0.01	15.88 0.94 -0.01	15.73 0.88 -0.01	15.65 0.83 0.00	15.37 0.95 -0.01	16.18 1.00 0.00	17.68 1.11 0.00	18.75 1.19 0.00	19.81 1.48 0.00	20.09 1.56 0.00	20.35 1.51 0.00	21.13 1.75 0.00	21.40 1.75 -0.01	23.05 1.83 -0.01	27.65 2.31 -0.01	31.57 2.63 -0.01	33.06 2.64 -0.01	30.74 2.43 -0.01	28.02 1.88 0.00	26.28 1.92 -0.01	24.16 1.85 0.00	21.93 1.61 0.00
NYPA____HOLTSVILL 23794	21.53 1.90 -1.23	18.67 1.71 -0.32	18.20 1.64 -0.01	16.25 1.31 -0.01	16.16 1.31 -0.01	16.01 1.19 -0.01	15.79 1.37 -0.01	16.49 1.31 -0.01	18.15 1.57 -0.01	19.36 1.79 -0.01	22.25 1.81 -2.12	26.92 1.84 -6.55	30.28 1.83 -9.62	31.26 2.00 -9.88	30.89 1.91 -9.34	32.25 2.02 -9.02	43.86 2.68 -15.84	42.53 3.10 -10.50	42.52 3.19 -8.91	37.24 2.86 -6.08	33.71 2.33 -5.25	33.00 2.24 -6.41	26.60 2.23 -2.06	23.44 1.95 -1.16
NYPA____HELLGATE_GT1 24158	19.72 1.31 -0.01	17.76 1.11 -0.01	17.61 1.04 -0.01	15.88 0.94 -0.01	15.74 0.89 -0.01	15.68 0.86 0.00	15.38 0.97 -0.01	16.16 0.99 0.00	17.61 1.04 0.01	18.67 1.12 0.01	19.72 1.39 0.00	20.02 1.48 0.00	20.25 1.41 0.00	21.07 1.69 0.00	21.34 1.69 -0.01	22.99 1.76 -0.01	27.52 2.18 -0.01	31.40 2.46 -0.01	32.91 2.49 -0.01	30.59 2.29 -0.01	27.89 1.75 0.00	26.21 1.85 -0.01	24.23 1.92 0.00	21.99 1.67 0.00
NYPA____HELLGATE_GT2 24159	19.72 1.31 -0.01	17.76 1.11 -0.01	17.61 1.04 -0.01	15.88 0.94 -0.01	15.74 0.89 -0.01	15.68 0.86 0.00	15.38 0.97 -0.01	16.16 0.99 0.00	17.61 1.04 0.01	18.67 1.12 0.01	19.72 1.39 0.00	20.02 1.48 0.00	20.25 1.41 0.00	21.07 1.69 0.00	21.34 1.69 -0.01	22.99 1.76 -0.01	27.52 2.18 -0.01	31.40 2.46 -0.01	32.91 2.49 -0.01	30.59 2.29 -0.01	27.89 1.75 0.00	26.21 1.85 -0.01	24.23 1.92 0.00	21.99 1.67 0.00
NYS_BARGE____HYD 23848	18.83 0.42 0.00	16.88 0.25 0.00	16.70 0.15 0.00	15.11 0.18 0.00	15.02 0.18 0.00	15.10 0.28 0.00	14.56 0.14 0.00	15.24 0.06 0.00	16.35 -0.22 0.00	17.31 -0.25 0.00	18.05 -0.27 0.00	18.35 -0.19 0.00	18.63 -0.21 0.00	19.27 -0.12 0.00	19.74 0.10 0.00	21.41 0.19 0.00	25.36 0.03 0.00	28.70 -0.23 0.00	30.08 -0.33 0.00	28.13 -0.17 0.00	26.19 0.05 0.00	24.45 0.10 0.00	22.36 0.04 0.00	20.65 0.32 0.00
OAK ORCHARD____HYD 24046	18.72 0.31 0.00	16.82 0.18 0.00	16.67 0.12 0.00	15.02 0.09 0.00	15.01 0.16 0.00	15.06 0.24 0.00	14.51 0.10 0.00	15.27 0.09 0.00	16.57 0.00 0.00	17.54 -0.02 0.00	18.34 0.02 0.00	18.61 0.07 0.00	18.93 0.09 0.00	19.48 0.10 0.00	19.88 0.24 0.00	21.58 0.36 0.00	25.64 0.31 0.00	29.13 0.20 0.00	30.59 0.18 0.00	28.49 0.20 0.00	26.45 0.31 0.00	24.67 0.32 0.00	22.56 0.25 0.00	20.67 0.35 0.00
OAKDALE____35_KV_LOAD 356122	18.79 0.39 0.00	16.93 0.30 0.00	16.82 0.26 0.00	15.17 0.24 0.00	15.09 0.25 0.00	15.10 0.28 0.00	14.64 0.23 0.00	15.42 0.24 0.00	16.80 0.23 0.00	17.80 0.25 0.00	18.53 0.20 0.00	18.85 0.32 0.00	19.18 0.34 0.00	19.75 0.37 0.00	20.10 0.45 0.00	21.73 0.51 0.00	25.94 0.61 0.00	29.48 0.55 0.00	30.99 0.58 0.00	28.83 0.54 0.00	26.74 0.60 0.00	24.88 0.54 0.00	22.78 0.47 0.00	20.79 0.47 0.00
OCC_CHEM____DRP 24175	18.43 0.02 0.00	16.52 -0.12 0.00	16.36 -0.20 0.00	14.78 -0.15 0.00	14.78 -0.06 0.00	14.79 -0.03 0.00	14.27 -0.14 0.00	14.90 -0.27 0.00	16.07 -0.50 0.00	17.05 -0.51 0.00	17.65 -0.68 0.00	17.91 -0.63 0.00	18.33 -0.51 0.00	18.94 -0.45 0.00	19.39 -0.26 0.00	20.88 -0.34 0.00	24.88 -0.46 0.00	28.06 -0.87 0.00	29.44 -0.97 0.00	27.56 -0.74 0.00	25.67 -0.47 0.00	23.94 -0.41 0.00	21.91 -0.40 0.00	20.27 -0.06 0.00
OH_GEN_PROXY 24063	18.61 0.20 0.00	16.70 0.07 0.00	16.52 -0.03 0.00	14.93 0.00 0.00	14.93 0.09 0.00	15.00 0.18 0.00	14.41 0.00 0.00	15.13 -0.05 0.00	16.29 -0.28 0.00	17.26 -0.30 0.00	18.01 -0.31 0.00	18.30 -0.24 0.00	18.58 -0.26 0.00	19.17 -0.21 0.00	19.63 -0.02 0.00	21.28 0.06 0.00	25.18 -0.15 0.00	28.50 -0.43 0.00	29.89 -0.52 0.00	27.90 -0.40 0.00	25.98 -0.16 0.00	24.25 -0.10 0.00	22.16 -0.16 0.00	20.45 0.12 0.00
OLIN_CORP_DRP 24177	18.63 0.22 0.00	16.70 0.07 0.00	16.52 -0.03 0.00	14.96 0.03 0.00	14.95 0.10 0.00	14.95 0.13 0.00	14.38 -0.03 0.00	14.95 -0.23 0.00	16.14 -0.43 0.00	17.10 -0.46 0.00	17.70 -0.62 0.00	17.98 -0.56 0.00	18.39 -0.45 0.00	19.00 -0.39 0.00	19.47 -0.18 0.00	20.96 -0.25 0.00	24.98 -0.35 0.00	28.21 -0.72 0.00	29.59 -0.82 0.00	27.70 -0.59 0.00	25.80 -0.34 0.00	24.06 -0.29 0.00	22.02 -0.29 0.00	20.35 0.02 0.00
OLIN_CORP_DSASP 323712	18.43 0.02 0.00	16.52 -0.12 0.00	16.36 -0.20 0.00	14.78 -0.15 0.00	14.92 0.07 0.00	14.98 0.16 0.00	14.27 -0.14 0.00	14.97 -0.21 0.00	16.09 -0.48 0.00	17.05 -0.51 0.00	17.77 -0.55 0.00	18.05 -0.48 0.00	18.33 -0.51 0.00	18.94 -0.45 0.00	19.39 -0.26 0.00	21.03 -0.19 0.00	24.88 -0.46 0.00	28.15 -0.78 0.00	29.50 -0.91 0.00	27.56 -0.74 0.00	25.67 -0.47 0.00	23.96 -0.39 0.00	21.91 -0.40 0.00	20.27 -0.06 0.00
ONEIDA_HERK_LFGE 323681	18.68 0.28 0.00	16.83 0.20 0.00	16.79 0.23 0.00	15.14 0.21 0.00	15.05 0.21 0.00	15.01 0.19 0.00	14.57 0.16 0.00	15.31 0.14 0.00	16.74 0.17 0.00	17.72 0.16 0.00	18.51 0.18 0.00	18.74 0.20 0.00	19.08 0.24 0.00	19.58 0.19 0.00	19.86 0.22 0.00	21.54 0.32 0.00	25.69 0.35 0.00	29.42 0.49 0.00	30.99 0.58 0.00	28.89 0.60 0.00	26.90 0.76 0.00	24.91 0.56 0.00	22.78 0.47 0.00	20.75 0.43 0.00
ONEIDA____115KV_TB4 55905	18.85 0.44 0.00	16.98 0.35 0.00	16.92 0.36 0.00	15.24 0.31 0.00	15.17 0.33 0.00	15.13 0.31 0.00	14.67 0.26 0.00	15.44 0.26 0.00	16.87 0.30 0.00	17.86 0.30 0.00	18.62 0.29 0.00	18.87 0.33 0.00	19.24 0.40 0.00	19.75 0.37 0.00	20.06 0.41 0.00	21.75 0.53 0.00	25.94 0.61 0.00	29.68 0.75 0.00	31.23 0.82 0.00	29.12 0.82 0.00	27.05 0.91 0.00	25.06 0.71 0.00	22.94 0.62 0.00	20.92 0.59 0.00

ONONDAGA_REF_OCCRA 23987	18.48 0.07 0.00	16.68 0.05 0.00	16.55 0.00 0.00	14.93 0.00 0.00	14.86 0.01 0.00	14.85 0.03 0.00	14.40 -0.01 0.00	15.18 0.00 0.00	16.55 -0.02 0.00	17.56 0.00 0.00	18.32 0.00 0.00	18.57 0.04 0.00	18.92 0.08 0.00	19.43 0.04 0.00	19.72 0.08 0.00	21.35 0.13 0.00	25.49 0.15 0.00	29.05 0.12 0.00	30.53 0.12 0.00	28.38 0.08 0.00	26.30 0.16 0.00	24.45 0.10 0.00	22.40 0.09 0.00	20.43 0.10 0.00
ONONDAGA___COGEN 23986	18.52 0.11 0.00	16.70 0.07 0.00	16.59 0.03 0.00	14.96 0.03 0.00	14.89 0.04 0.00	14.88 0.06 0.00	14.43 0.01 0.00	15.21 0.03 0.00	16.60 0.03 0.00	17.59 0.04 0.00	18.36 0.04 0.00	18.61 0.07 0.00	18.95 0.11 0.00	19.46 0.08 0.00	19.76 0.12 0.00	21.39 0.17 0.00	25.54 0.20 0.00	29.07 0.14 0.00	30.56 0.15 0.00	28.41 0.11 0.00	26.32 0.18 0.00	24.47 0.12 0.00	22.44 0.13 0.00	20.45 0.12 0.00
ONTARIO___LFGE 23819	18.85 0.44 0.00	16.97 0.33 0.00	16.80 0.25 0.00	15.15 0.22 0.00	15.11 0.27 0.00	15.16 0.34 0.00	14.66 0.24 0.00	15.44 0.26 0.00	16.77 0.20 0.00	17.75 0.19 0.00	18.58 0.26 0.00	18.83 0.30 0.00	19.18 0.34 0.00	19.74 0.35 0.00	20.12 0.47 0.00	21.83 0.62 0.00	26.02 0.68 0.00	29.62 0.69 0.00	31.17 0.76 0.00	28.95 0.65 0.00	26.92 0.78 0.00	25.01 0.66 0.00	22.89 0.58 0.00	20.89 0.57 0.00
ORANGEVILLE_WT_PWR 323706	18.91 0.50 0.00	16.97 0.33 0.00	16.79 0.23 0.00	15.18 0.25 0.00	15.15 0.31 0.00	15.23 0.41 0.00	14.67 0.26 0.00	15.39 0.21 0.00	16.60 0.03 0.00	17.59 0.04 0.00	18.36 0.04 0.00	18.63 0.09 0.00	18.95 0.11 0.00	19.56 0.17 0.00	20.06 0.41 0.00	21.75 0.53 0.00	25.79 0.46 0.00	29.22 0.29 0.00	30.65 0.24 0.00	28.58 0.28 0.00	26.63 0.50 0.00	24.84 0.49 0.00	22.69 0.38 0.00	20.89 0.57 0.00
ORANGEVILLE___ESR 323794	18.91 0.50 0.00	16.97 0.33 0.00	16.79 0.23 0.00	15.18 0.25 0.00	15.15 0.31 0.00	15.23 0.41 0.00	14.67 0.26 0.00	15.39 0.21 0.00	16.60 0.03 0.00	17.59 0.04 0.00	18.36 0.04 0.00	18.63 0.09 0.00	18.95 0.11 0.00	19.56 0.17 0.00	20.06 0.41 0.00	21.75 0.53 0.00	25.79 0.46 0.00	29.22 0.29 0.00	30.65 0.24 0.00	28.58 0.28 0.00	26.63 0.50 0.00	24.84 0.49 0.00	22.69 0.38 0.00	20.89 0.57 0.00
OSWEGATCHIE___HYD 24044	18.06 -0.35 0.00	16.28 -0.35 0.00	16.26 -0.30 0.00	14.66 -0.27 0.00	14.59 -0.25 0.00	14.54 -0.28 0.00	14.12 -0.29 0.00	14.84 -0.33 0.00	16.21 -0.36 0.00	17.15 -0.40 0.00	17.87 -0.46 0.00	18.07 -0.46 0.00	18.41 -0.43 0.00	18.86 -0.52 0.00	19.13 -0.51 0.00	20.69 -0.53 0.00	24.73 -0.61 0.00	28.38 -0.55 0.00	29.92 -0.49 0.00	27.96 -0.34 0.00	26.06 -0.08 0.00	24.23 -0.12 0.00	22.16 -0.16 0.00	20.16 -0.16 0.00
OSWEGO___5 23606	18.21 -0.20 0.00	16.44 -0.20 0.00	16.32 -0.23 0.00	14.72 -0.21 0.00	14.65 -0.19 0.00	14.64 -0.18 0.00	14.21 -0.20 0.00	14.97 -0.21 0.00	16.32 -0.25 0.00	17.30 -0.26 0.00	18.09 -0.24 0.00	18.28 -0.26 0.00	18.58 -0.26 0.00	19.10 -0.29 0.00	19.37 -0.28 0.00	20.94 -0.28 0.00	24.98 -0.35 0.00	28.50 -0.43 0.00	29.95 -0.46 0.00	27.87 -0.42 0.00	25.80 -0.34 0.00	24.01 -0.34 0.00	22.00 -0.31 0.00	20.06 -0.26 0.00
OSWEGO___6 23613	18.21 -0.20 0.00	16.44 -0.20 0.00	16.32 -0.23 0.00	14.72 -0.21 0.00	14.65 -0.19 0.00	14.64 -0.18 0.00	14.21 -0.20 0.00	14.97 -0.21 0.00	16.32 -0.25 0.00	17.30 -0.26 0.00	18.09 -0.24 0.00	18.28 -0.26 0.00	18.58 -0.26 0.00	19.10 -0.29 0.00	19.37 -0.28 0.00	20.94 -0.28 0.00	24.98 -0.35 0.00	28.50 -0.43 0.00	29.95 -0.46 0.00	27.87 -0.42 0.00	25.80 -0.34 0.00	24.01 -0.34 0.00	22.00 -0.31 0.00	20.06 -0.26 0.00
OUTOKUMPU-AB___DRP 24206	18.91 0.50 0.00	16.95 0.32 0.00	16.77 0.22 0.00	15.17 0.24 0.00	15.15 0.31 0.00	15.18 0.36 0.00	14.61 0.20 0.00	15.24 0.06 0.00	16.45 -0.12 0.00	17.44 -0.12 0.00	18.03 -0.29 0.00	18.33 -0.20 0.00	18.76 -0.08 0.00	19.43 0.04 0.00	19.90 0.26 0.00	21.43 0.21 0.00	25.54 0.20 0.00	28.84 -0.09 0.00	30.23 -0.18 0.00	28.29 0.00 0.00	26.37 0.24 0.00	24.59 0.24 0.00	22.53 0.22 0.00	20.81 0.49 0.00
OXBOW____ 24026	18.70 0.29 0.00	16.77 0.13 0.00	16.59 0.03 0.00	15.00 0.08 0.00	15.08 0.24 0.00	15.16 0.34 0.00	14.47 0.06 0.00	15.18 0.00 0.00	16.30 -0.27 0.00	17.28 -0.28 0.00	18.01 -0.31 0.00	18.30 -0.24 0.00	18.59 -0.25 0.00	19.23 -0.16 0.00	19.70 0.06 0.00	21.35 0.13 0.00	25.29 -0.05 0.00	28.58 -0.35 0.00	29.95 -0.46 0.00	28.01 -0.28 0.00	26.09 -0.05 0.00	24.35 0.00 0.00	22.29 -0.02 0.00	20.59 0.26 0.00
OXY_CHEM_DSASP 323612	18.43 0.02 0.00	16.52 -0.12 0.00	16.36 -0.20 0.00	14.78 -0.15 0.00	14.78 -0.06 0.00	14.79 -0.03 0.00	14.27 -0.14 0.00	14.90 -0.27 0.00	16.07 -0.50 0.00	17.05 -0.51 0.00	17.65 -0.68 0.00	17.91 -0.63 0.00	18.33 -0.51 0.00	18.94 -0.45 0.00	19.39 -0.26 0.00	20.88 -0.34 0.00	24.88 -0.46 0.00	28.06 -0.87 0.00	29.44 -0.97 0.00	27.56 -0.74 0.00	25.67 -0.47 0.00	23.94 -0.41 0.00	21.91 -0.40 0.00	20.27 -0.06 0.00
OZONE_PARK_ESR 323760	19.79 1.38 0.00	17.83 1.20 0.00	17.66 1.11 0.00	15.91 0.99 0.00	15.76 0.92 0.00	15.71 0.89 0.00	15.41 0.99 0.00	16.27 1.09 0.00	17.80 1.23 0.00	18.89 1.33 0.00	19.81 1.48 0.00	20.26 1.72 0.00	20.48 1.64 0.00	21.23 1.84 0.00	21.49 1.85 0.00	23.21 1.99 0.00	27.82 2.48 0.00	31.79 2.86 0.00	33.27 2.86 0.00	30.93 2.63 0.00	28.23 2.09 0.00	26.39 2.05 0.00	24.30 1.99 0.00	22.03 1.71 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	18.43 0.02 0.00	16.52 -0.12 0.00	16.36 -0.20 0.00	14.78 -0.15 0.00	14.78 -0.06 0.00	14.79 -0.03 0.00	14.27 -0.14 0.00	14.90 -0.27 0.00	16.07 -0.50 0.00	17.05 -0.51 0.00	17.65 -0.68 0.00	17.91 -0.63 0.00	18.33 -0.51 0.00	18.94 -0.45 0.00	19.39 -0.26 0.00	20.88 -0.34 0.00	24.88 -0.46 0.00	28.06 -0.87 0.00	29.44 -0.97 0.00	27.56 -0.74 0.00	25.67 -0.47 0.00	23.94 -0.41 0.00	21.91 -0.40 0.00	20.27 -0.06 0.00
PACKARD___115KV_DUPONT_184 80571	18.43 0.02 0.00	16.52 -0.12 0.00	16.36 -0.20 0.00	14.78 -0.15 0.00	14.78 -0.06 0.00	14.79 -0.03 0.00	14.27 -0.14 0.00	14.90 -0.27 0.00	16.07 -0.50 0.00	17.05 -0.51 0.00	17.65 -0.68 0.00	17.91 -0.63 0.00	18.33 -0.51 0.00	18.94 -0.45 0.00	19.39 -0.26 0.00	20.88 -0.34 0.00	24.88 -0.46 0.00	28.06 -0.87 0.00	29.44 -0.97 0.00	27.56 -0.74 0.00	25.67 -0.47 0.00	23.94 -0.41 0.00	21.91 -0.40 0.00	20.27 -0.06 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	19.73 1.33 0.00	17.78 1.15 0.00	17.61 1.06 0.00	15.88 0.96 0.00	15.73 0.89 0.00	15.69 0.87 0.00	15.36 0.95 0.00	16.16 0.99 0.00	17.61 1.04 0.00	18.68 1.12 0.00	19.61 1.28 0.00	20.09 1.56 0.00	20.27 1.43 0.00	21.09 1.71 0.00	21.33 1.69 0.00	23.02 1.80 0.00	27.54 2.20 0.00	31.48 2.55 0.00	32.93 2.52 0.00	30.64 2.35 0.00	27.92 1.78 0.00	26.25 1.90 0.00	24.23 1.92 0.00	22.01 1.69 0.00

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	19.97 1.56 0.00	18.00 1.36 0.00	17.83 1.27 0.00	16.08 1.15 0.00	15.93 1.08 0.00	15.87 1.05 0.00	15.54 1.12 0.00	16.36 1.18 0.00	17.76 1.19 0.00	18.87 1.32 0.00	19.83 1.50 0.00	20.32 1.78 0.00	20.48 1.64 0.00	21.31 1.92 0.00	21.57 1.93 0.00	23.26 2.04 0.00	27.84 2.51 0.00	31.82 2.89 0.00	33.30 2.89 0.00	30.98 2.69 0.00	28.20 2.06 0.00	26.49 2.14 0.00	24.48 2.16 0.00	22.26 1.93 0.00
PATROON__115KV_TB1 80586	18.98 0.57 0.00	17.18 0.55 0.00	17.20 0.65 0.00	15.54 0.61 0.00	15.41 0.56 0.00	15.38 0.56 0.00	14.97 0.56 0.00	15.75 0.58 0.00	17.13 0.56 0.00	18.14 0.58 0.00	18.93 0.60 0.00	19.26 0.72 0.00	19.54 0.70 0.00	20.14 0.76 0.00	20.33 0.69 0.00	21.92 0.70 0.00	26.17 0.84 0.00	29.91 0.98 0.00	31.47 1.06 0.00	29.31 1.02 0.00	26.98 0.84 0.00	25.15 0.80 0.00	23.07 0.76 0.00	21.04 0.71 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	18.94 0.53 0.00	16.97 0.33 0.00	16.79 0.23 0.00	15.18 0.25 0.00	15.17 0.33 0.00	15.19 0.37 0.00	14.67 0.26 0.00	15.28 0.11 0.00	16.54 -0.03 0.00	17.54 -0.02 0.00	18.10 -0.22 0.00	18.46 -0.07 0.00	18.90 0.06 0.00	19.54 0.16 0.00	20.04 0.39 0.00	21.60 0.38 0.00	25.74 0.41 0.00	29.02 0.09 0.00	30.44 0.03 0.00	28.46 0.17 0.00	26.53 0.39 0.00	24.74 0.39 0.00	22.62 0.31 0.00	20.90 0.57 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	19.64 1.23 0.00	17.67 1.03 0.00	17.51 0.96 0.00	15.79 0.87 0.00	15.63 0.79 0.00	15.58 0.76 0.00	15.23 0.82 0.00	16.07 0.90 0.00	17.60 1.03 0.00	18.70 1.14 0.00	19.55 1.23 0.00	19.95 1.41 0.00	20.20 1.36 0.00	20.92 1.53 0.00	21.12 1.47 0.00	22.83 1.61 0.00	27.41 2.08 0.00	31.48 2.55 0.00	33.00 2.58 0.00	30.53 2.24 0.00	28.05 1.91 0.00	26.25 1.90 0.00	23.96 1.65 0.00	21.79 1.46 0.00
PEEKSKILL____ 23653	19.51 1.10 0.00	17.57 0.93 0.00	17.41 0.86 0.00	15.69 0.76 0.00	15.55 0.71 0.00	15.49 0.67 0.00	15.19 0.78 0.00	16.01 0.83 0.00	17.53 0.96 0.00	18.61 1.05 0.00	19.61 1.28 0.00	19.87 1.34 0.00	20.16 1.32 0.00	20.86 1.47 0.00	21.10 1.45 0.00	22.75 1.53 0.00	27.29 1.95 0.00	31.16 2.23 0.00	32.69 2.28 0.00	30.33 2.04 0.00	27.81 1.67 0.00	26.01 1.66 0.00	23.85 1.54 0.00	21.67 1.34 0.00
PGE MADISON__WINDPWR 24146	19.72 1.31 0.00	17.75 1.11 0.00	17.70 1.14 0.00	15.96 1.03 0.00	15.88 1.04 0.00	15.84 1.02 0.00	15.32 0.91 0.00	16.09 0.91 0.00	17.53 0.96 0.00	18.51 0.95 0.00	19.29 0.97 0.00	19.56 1.02 0.00	19.97 1.13 0.00	20.43 1.05 0.00	20.78 1.14 0.00	22.68 1.46 0.00	27.11 1.77 0.00	31.10 2.17 0.00	32.87 2.46 0.00	30.81 2.52 0.00	28.96 2.82 0.00	26.59 2.24 0.00	24.27 1.96 0.00	22.12 1.79 0.00
PIERCEFIELD__HYD 23852	17.73 -0.68 0.00	16.00 -0.63 0.00	15.97 -0.58 0.00	14.42 -0.51 0.00	14.37 -0.47 0.00	14.33 -0.49 0.00	13.94 -0.48 0.00	14.68 -0.50 0.00	16.02 -0.55 0.00	16.98 -0.58 0.00	17.76 -0.57 0.00	17.83 -0.70 0.00	18.12 -0.72 0.00	18.59 -0.79 0.00	18.90 -0.75 0.00	20.35 -0.87 0.00	24.32 -1.01 0.00	27.92 -1.01 0.00	29.38 -1.03 0.00	27.39 -0.91 0.00	25.51 -0.63 0.00	23.84 -0.51 0.00	21.78 -0.54 0.00	19.80 -0.53 0.00
PINELAWN_CC_1 323563	21.42 1.79 -1.23	18.52 1.56 -0.32	18.08 1.52 -0.01	16.22 1.28 -0.01	16.10 1.25 -0.01	16.01 1.19 -0.01	15.73 1.31 -0.01	16.51 1.32 -0.01	18.10 1.52 -0.01	19.25 1.69 -0.01	22.24 1.80 -2.12	26.94 1.85 -6.55	30.28 1.83 -9.62	31.26 2.00 -9.88	30.97 1.98 -9.34	32.34 2.10 -9.02	43.91 2.74 -15.84	42.61 3.18 -10.50	42.61 3.29 -8.91	37.35 2.97 -6.08	33.85 2.46 -5.25	33.12 2.36 -6.41	26.69 2.32 -2.06	23.52 2.03 -1.16
PJM_GEN_HTP_PROXY 323702	19.66 1.25 0.00	17.70 1.07 0.00	17.55 0.99 0.00	15.81 0.88 0.00	15.66 0.82 0.00	15.59 0.77 0.00	15.30 0.89 0.00	16.13 0.96 0.00	17.66 1.09 0.00	18.75 1.19 0.00	19.77 1.45 0.00	20.06 1.52 0.00	20.35 1.51 0.00	21.07 1.69 0.00	21.31 1.67 0.00	22.96 1.74 0.00	27.57 2.23 0.00	31.45 2.52 0.00	32.97 2.55 0.00	30.64 2.35 0.00	28.02 1.88 0.00	26.18 1.83 0.00	24.07 1.76 0.00	21.85 1.53 0.00
PJM_GEN_KEystone 24065	19.03 0.63 0.00	17.13 0.50 0.00	16.97 0.41 0.00	15.30 0.37 0.00	15.21 0.37 0.00	15.22 0.40 0.00	14.81 0.40 0.00	15.59 0.41 0.00	17.00 0.43 0.00	18.03 0.47 0.00	18.91 0.59 0.00	19.19 0.65 0.00	19.48 0.64 0.00	20.12 0.74 0.00	20.47 0.82 0.00	22.13 0.91 0.00	26.40 1.06 0.00	29.97 1.04 0.00	31.41 1.00 0.00	29.20 0.91 0.00	27.00 0.86 0.00	25.20 0.85 0.00	23.07 0.76 0.00	21.06 0.73 0.00
PJM_GEN_NEPTUNE_PROXY 323594	21.09 1.45 -1.23	18.22 1.26 -0.32	17.82 1.26 -0.01	16.04 1.10 -0.01	15.89 1.04 -0.01	15.84 1.01 -0.01	15.53 1.11 -0.01	16.35 1.17 -0.01	17.92 1.34 -0.01	19.02 1.46 -0.01	22.00 1.56 -2.12	26.70 1.61 -6.55	30.04 1.58 -9.62	31.01 1.75 -9.88	30.71 1.73 -9.34	32.04 1.80 -9.02	43.51 2.33 -15.84	42.09 2.66 -10.50	42.03 2.71 -8.91	36.84 2.46 -6.08	33.40 2.01 -5.25	32.71 1.95 -6.41	26.31 1.94 -2.06	23.17 1.69 -1.16
PJM_GEN_VFT_PROXY 323633	19.60 1.20 0.00	17.65 1.01 0.00	17.48 0.93 0.00	15.75 0.82 0.00	15.60 0.76 0.00	15.53 0.71 0.00	15.26 0.85 0.00	16.09 0.91 0.00	17.63 1.06 0.00	18.72 1.16 0.00	19.73 1.41 0.00	20.02 1.48 0.00	20.31 1.47 0.00	21.05 1.67 0.00	21.30 1.65 0.00	22.94 1.72 0.00	27.52 2.18 0.00	31.39 2.46 0.00	32.84 2.43 0.00	30.56 2.26 0.00	27.94 1.80 0.00	26.10 1.75 0.00	24.01 1.69 0.00	21.79 1.46 0.00
PLATSBRG_115KV_PMLD1 355749	18.32 -0.09 0.00	16.55 -0.08 0.00	16.50 -0.05 0.00	14.91 -0.01 0.00	14.87 0.03 0.00	14.83 0.01 0.00	14.44 0.03 0.00	15.22 0.05 0.00	16.62 0.05 0.00	17.65 0.09 0.00	18.43 0.11 0.00	18.52 -0.02 0.00	18.82 -0.02 0.00	19.33 -0.06 0.00	19.66 0.02 0.00	21.13 -0.08 0.00	25.29 -0.05 0.00	29.05 0.12 0.00	30.53 0.12 0.00	28.44 0.14 0.00	26.27 0.13 0.00	24.47 0.12 0.00	22.31 0.00 0.00	20.31 -0.02 0.00
PLEASANTVLY__LBMP 24000	19.40 0.99 0.00	17.50 0.86 0.00	17.38 0.83 0.00	15.66 0.73 0.00	15.52 0.68 0.00	15.49 0.67 0.00	15.13 0.72 0.00	15.97 0.79 0.00	17.46 0.89 0.00	18.52 0.97 0.00	19.37 1.04 0.00	19.76 1.22 0.00	20.03 1.19 0.00	20.70 1.32 0.00	20.92 1.28 0.00	22.60 1.38 0.00	27.01 1.67 0.00	30.90 1.97 0.00	32.39 1.98 0.00	30.13 1.84 0.00	27.63 1.49 0.00	25.81 1.46 0.00	23.69 1.38 0.00	21.53 1.20 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	19.55 1.14 0.00	17.63 1.00 0.00	17.50 0.94 0.00	15.75 0.82 0.00	15.61 0.77 0.00	15.56 0.74 0.00	15.25 0.84 0.00	16.07 0.90 0.00	17.60 1.03 0.00	18.68 1.12 0.00	19.55 1.23 0.00	19.96 1.43 0.00	20.23 1.39 0.00	20.94 1.55 0.00	21.16 1.51 0.00	22.85 1.63 0.00	27.36 2.03 0.00	31.27 2.34 0.00	32.78 2.37 0.00	30.47 2.18 0.00	27.92 1.78 0.00	26.10 1.75 0.00	23.94 1.63 0.00	21.77 1.44 0.00

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	19.55 1.14 0.00	17.63 1.00 0.00	17.50 0.94 0.00	15.75 0.82 0.00	15.61 0.77 0.00	15.56 0.74 0.00	15.25 0.84 0.00	16.07 0.90 0.00	17.60 1.03 0.00	18.68 1.12 0.00	19.55 1.23 0.00	19.96 1.43 0.00	20.23 1.39 0.00	20.94 1.55 0.00	21.16 1.51 0.00	22.85 1.63 0.00	27.36 2.03 0.00	31.27 2.34 0.00	32.78 2.37 0.00	30.47 2.18 0.00	27.92 1.78 0.00	26.10 1.75 0.00	23.94 1.63 0.00	21.77 1.44 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	19.51 1.10 0.00	17.58 0.95 0.00	17.45 0.89 0.00	15.72 0.79 0.00	15.58 0.74 0.00	15.53 0.71 0.00	15.19 0.78 0.00	16.03 0.85 0.00	17.53 0.96 0.00	18.58 1.02 0.00	19.42 1.10 0.00	19.82 1.28 0.00	20.08 1.24 0.00	20.76 1.38 0.00	20.98 1.34 0.00	22.68 1.46 0.00	27.16 1.82 0.00	31.10 2.17 0.00	32.69 2.28 0.00	30.33 2.04 0.00	27.86 1.73 0.00	26.03 1.68 0.00	23.83 1.52 0.00	21.67 1.34 0.00
POLETTI____ 23519	19.60 1.20 0.00	17.70 1.06 0.00	17.53 0.98 0.00	15.79 0.87 0.00	15.64 0.80 0.00	15.61 0.79 0.00	15.29 0.88 0.00	16.13 0.96 0.00	17.66 1.09 0.00	18.73 1.18 0.00	19.64 1.32 0.00	20.08 1.54 0.00	20.31 1.47 0.00	21.05 1.67 0.00	21.30 1.65 0.00	22.98 1.76 0.00	27.54 2.20 0.00	31.45 2.52 0.00	32.90 2.49 0.00	30.61 2.32 0.00	27.97 1.83 0.00	26.15 1.80 0.00	24.05 1.74 0.00	21.83 1.50 0.00
PORT_JEFF_3 23555	21.59 1.95 -1.23	18.70 1.75 -0.32	18.25 1.69 -0.01	16.28 1.34 -0.01	16.19 1.34 -0.01	16.06 1.23 -0.01	15.83 1.41 -0.01	16.52 1.34 -0.01	18.18 1.61 -0.01	19.41 1.84 -0.01	22.31 1.87 -2.12	26.98 1.89 -6.55	30.34 1.88 -9.62	31.32 2.05 -9.88	30.97 1.98 -9.34	32.36 2.12 -9.02	43.99 2.81 -15.84	42.67 3.24 -10.50	42.64 3.32 -8.91	37.38 3.00 -6.08	33.85 2.46 -5.25	33.12 2.36 -6.41	26.69 2.32 -2.06	23.52 2.03 -1.16
PORT_JEFF_4 23616	21.59 1.95 -1.23	18.70 1.75 -0.32	18.25 1.69 -0.01	16.28 1.34 -0.01	16.19 1.34 -0.01	16.06 1.23 -0.01	15.83 1.41 -0.01	16.52 1.34 -0.01	18.18 1.61 -0.01	19.41 1.84 -0.01	22.31 1.87 -2.12	26.98 1.89 -6.55	30.34 1.88 -9.62	31.32 2.05 -9.88	30.97 1.98 -9.34	32.36 2.12 -9.02	43.99 2.81 -15.84	42.67 3.24 -10.50	42.64 3.32 -8.91	37.38 3.00 -6.08	33.85 2.46 -5.25	33.12 2.36 -6.41	26.69 2.32 -2.06	23.52 2.03 -1.16
PORT_JEFF_IC 23713	21.63 1.99 -1.23	18.74 1.78 -0.32	18.27 1.71 -0.01	16.29 1.36 -0.01	16.20 1.35 -0.01	16.07 1.25 -0.01	15.85 1.43 -0.01	16.54 1.35 -0.01	18.20 1.62 -0.01	19.43 1.86 -0.01	22.33 1.89 -2.12	27.02 1.93 -6.55	30.38 1.92 -9.62	31.36 2.09 -9.88	31.01 2.02 -9.34	32.42 2.19 -9.02	44.06 2.89 -15.84	42.75 3.33 -10.50	42.73 3.41 -8.91	37.44 3.06 -6.08	33.90 2.51 -5.25	33.17 2.41 -6.41	26.73 2.36 -2.06	23.54 2.05 -1.16
PPL PILGRIM_ST_GT1 24216	21.59 1.95 -1.23	18.67 1.71 -0.32	18.22 1.66 -0.01	16.31 1.37 -0.01	16.21 1.36 -0.01	16.09 1.26 -0.01	15.83 1.41 -0.01	16.58 1.40 -0.01	18.20 1.62 -0.01	19.41 1.84 -0.01	22.36 1.92 -2.12	27.07 1.98 -6.55	30.42 1.96 -9.62	31.40 2.13 -9.88	31.09 2.10 -9.34	32.44 2.21 -9.02	44.06 2.89 -15.84	42.75 3.33 -10.50	42.76 3.44 -8.91	37.46 3.08 -6.08	33.95 2.56 -5.25	33.22 2.46 -6.41	26.82 2.45 -2.06	23.64 2.15 -1.16
PPL PILGRIM_ST_GT2 24217	21.59 1.95 -1.23	18.67 1.71 -0.32	18.22 1.66 -0.01	16.31 1.37 -0.01	16.21 1.36 -0.01	16.09 1.26 -0.01	15.83 1.41 -0.01	16.58 1.40 -0.01	18.20 1.62 -0.01	19.41 1.84 -0.01	22.36 1.92 -2.12	27.07 1.98 -6.55	30.42 1.96 -9.62	31.40 2.13 -9.88	31.09 2.10 -9.34	32.44 2.21 -9.02	44.06 2.89 -15.84	42.75 3.33 -10.50	42.76 3.44 -8.91	37.46 3.08 -6.08	33.95 2.56 -5.25	33.22 2.46 -6.41	26.82 2.45 -2.06	23.64 2.15 -1.16
PPL_SHRM_GT3 24213	21.72 2.08 -1.23	18.89 1.93 -0.32	18.40 1.84 -0.01	16.23 1.30 -0.01	16.21 1.36 -0.01	16.01 1.19 -0.01	15.87 1.45 -0.01	16.41 1.23 -0.01	18.18 1.61 -0.01	19.45 1.88 -0.01	22.20 1.76 -2.12	26.81 1.72 -6.55	30.17 1.71 -9.62	31.17 1.90 -9.88	30.79 1.81 -9.34	32.19 1.95 -9.02	43.84 2.66 -15.84	42.53 3.10 -10.50	42.52 3.19 -8.91	37.21 2.83 -6.08	33.69 2.30 -5.25	32.95 2.19 -6.41	26.53 2.16 -2.06	23.36 1.87 -1.16
PPL_SHRM_GT4 24214	21.72 2.08 -1.23	18.89 1.93 -0.32	18.40 1.84 -0.01	16.23 1.30 -0.01	16.21 1.36 -0.01	16.01 1.19 -0.01	15.87 1.45 -0.01	16.41 1.23 -0.01	18.18 1.61 -0.01	19.45 1.88 -0.01	22.20 1.76 -2.12	26.81 1.72 -6.55	30.17 1.71 -9.62	31.17 1.90 -9.88	30.79 1.81 -9.34	32.19 1.95 -9.02	43.84 2.66 -15.84	42.53 3.10 -10.50	42.52 3.19 -8.91	37.21 2.83 -6.08	33.69 2.30 -5.25	32.95 2.19 -6.41	26.53 2.16 -2.06	23.36 1.87 -1.16
PROJECT____ORANGE 1 24174	18.44 0.04 0.00	16.63 0.00 0.00	16.52 -0.03 0.00	14.90 -0.03 0.00	14.83 -0.01 0.00	14.82 0.00 0.00	14.38 -0.03 0.00	15.15 -0.03 0.00	16.52 -0.05 0.00	17.52 -0.04 0.00	18.27 -0.05 0.00	18.52 -0.02 0.00	18.88 0.04 0.00	19.39 0.00 0.00	19.68 0.04 0.00	21.28 0.06 0.00	25.41 0.08 0.00	28.96 0.03 0.00	30.41 0.00 0.00	28.27 -0.03 0.00	26.22 0.08 0.00	24.37 0.02 0.00	22.33 0.02 0.00	20.37 0.04 0.00
PROJECT____ORANGE 2 24166	18.44 0.04 0.00	16.63 0.00 0.00	16.52 -0.03 0.00	14.90 -0.03 0.00	14.83 -0.01 0.00	14.82 0.00 0.00	14.38 -0.03 0.00	15.15 -0.03 0.00	16.52 -0.05 0.00	17.52 -0.04 0.00	18.27 -0.05 0.00	18.52 -0.02 0.00	18.88 0.04 0.00	19.39 0.00 0.00	19.68 0.04 0.00	21.28 0.06 0.00	25.41 0.08 0.00	28.96 0.03 0.00	30.41 0.00 0.00	28.27 -0.03 0.00	26.22 0.08 0.00	24.37 0.02 0.00	22.33 0.02 0.00	20.37 0.04 0.00
PUCKETT____SOLAR 323809	19.03 0.63 0.00	17.15 0.52 0.00	17.03 0.48 0.00	15.36 0.43 0.00	15.29 0.44 0.00	15.29 0.47 0.00	14.80 0.39 0.00	15.56 0.38 0.00	16.93 0.36 0.00	17.91 0.35 0.00	18.71 0.39 0.00	18.93 0.39 0.00	19.27 0.43 0.00	19.83 0.45 0.00	20.16 0.51 0.00	21.88 0.66 0.00	26.12 0.79 0.00	29.83 0.90 0.00	31.41 1.00 0.00	29.28 0.99 0.00	27.26 1.12 0.00	25.30 0.95 0.00	23.14 0.83 0.00	21.10 0.77 0.00
PYRITES____HYD 24023	17.97 -0.44 0.00	16.22 -0.42 0.00	16.19 -0.36 0.00	14.61 -0.31 0.00	14.56 -0.28 0.00	14.52 -0.30 0.00	14.11 -0.30 0.00	14.86 -0.32 0.00	16.22 -0.35 0.00	17.21 -0.35 0.00	17.98 -0.35 0.00	18.04 -0.50 0.00	18.35 -0.49 0.00	18.82 -0.56 0.00	19.13 -0.51 0.00	20.62 -0.59 0.00	24.65 -0.68 0.00	28.29 -0.64 0.00	29.80 -0.61 0.00	27.84 -0.45 0.00	25.93 -0.21 0.00	24.13 -0.22 0.00	22.02 -0.29 0.00	20.04 -0.28 0.00
QUAKERRD_115KV_BK1 80622	18.17 -0.24 0.00	16.33 -0.30 0.00	16.21 -0.35 0.00	14.60 -0.33 0.00	14.57 -0.27 0.00	14.58 -0.24 0.00	14.11 -0.30 0.00	14.83 -0.35 0.00	16.16 -0.41 0.00	17.12 -0.44 0.00	17.81 -0.51 0.00	18.07 -0.46 0.00	18.46 -0.38 0.00	18.96 -0.43 0.00	19.35 -0.29 0.00	20.90 -0.32 0.00	24.96 -0.38 0.00	28.32 -0.61 0.00	29.80 -0.61 0.00	27.73 -0.57 0.00	25.72 -0.42 0.00	23.96 -0.39 0.00	21.93 -0.38 0.00	20.08 -0.24 0.00

QUENSBRY_I15KV_TB8 356137	19.99 1.58 0.00	18.00 1.36 0.00	17.90 1.34 0.00	16.15 1.22 0.00	16.04 1.20 0.00	16.05 1.23 0.00	15.64 1.22 0.00	16.45 1.27 0.00	17.98 1.41 0.00	19.05 1.49 0.00	19.73 1.41 0.00	20.06 1.52 0.00	20.33 1.49 0.00	20.96 1.57 0.00	21.00 1.36 0.00	22.81 1.59 0.00	26.81 1.47 0.00	30.67 1.74 0.00	32.54 2.13 0.00	30.36 2.07 0.00	28.02 1.88 0.00	26.08 1.73 0.00	23.87 1.56 0.00	21.69 1.36 0.00
RAMAPO____LBMP 323565	19.42 1.01 0.00	17.50 0.86 0.00	17.35 0.79 0.00	15.63 0.70 0.00	15.49 0.65 0.00	15.46 0.64 0.00	15.13 0.72 0.00	15.97 0.79 0.00	17.48 0.91 0.00	18.56 1.00 0.00	19.40 1.08 0.00	19.83 1.30 0.00	20.08 1.24 0.00	20.78 1.40 0.00	21.02 1.38 0.00	22.72 1.51 0.00	27.19 1.85 0.00	31.01 2.08 0.00	32.51 2.10 0.00	30.22 1.92 0.00	27.71 1.57 0.00	25.88 1.53 0.00	23.74 1.43 0.00	21.57 1.24 0.00
RANKINE____ 23646	19.00 0.59 0.00	17.02 0.38 0.00	16.84 0.28 0.00	15.23 0.30 0.00	15.21 0.37 0.00	15.23 0.41 0.00	14.70 0.29 0.00	15.34 0.17 0.00	16.59 0.02 0.00	17.58 0.02 0.00	18.16 -0.16 0.00	18.50 -0.04 0.00	18.93 0.09 0.00	19.58 0.19 0.00	20.06 0.41 0.00	21.60 0.38 0.00	25.77 0.43 0.00	29.07 0.14 0.00	30.50 0.09 0.00	28.52 0.23 0.00	26.58 0.44 0.00	24.79 0.44 0.00	22.67 0.36 0.00	20.94 0.61 0.00
RAVENSWOOD_GT2_1 24244	19.68 1.27 0.00	17.72 1.08 0.00	17.55 0.99 0.00	15.81 0.88 0.00	15.66 0.82 0.00	15.59 0.77 0.00	15.30 0.89 0.00	16.13 0.96 0.00	17.66 1.09 0.00	18.75 1.19 0.00	19.77 1.45 0.00	20.06 1.52 0.00	20.33 1.49 0.00	21.07 1.69 0.00	21.31 1.67 0.00	22.98 1.76 0.00	27.57 2.23 0.00	31.48 2.55 0.00	32.97 2.55 0.00	30.64 2.35 0.00	27.99 1.86 0.00	26.20 1.85 0.00	24.07 1.76 0.00	21.85 1.53 0.00
RAVENSWOOD_GT2_2 24245	19.68 1.27 0.00	17.72 1.08 0.00	17.55 0.99 0.00	15.81 0.88 0.00	15.66 0.82 0.00	15.59 0.77 0.00	15.30 0.89 0.00	16.13 0.96 0.00	17.66 1.09 0.00	18.75 1.19 0.00	19.77 1.45 0.00	20.06 1.52 0.00	20.33 1.49 0.00	21.07 1.69 0.00	21.31 1.67 0.00	22.98 1.76 0.00	27.57 2.23 0.00	31.48 2.55 0.00	32.97 2.55 0.00	30.64 2.35 0.00	27.99 1.86 0.00	26.20 1.85 0.00	24.07 1.76 0.00	21.85 1.53 0.00
RAVENSWOOD_GT2_3 24246	19.68 1.27 0.00	17.72 1.08 0.00	17.56 1.01 0.00	15.81 0.88 0.00	15.66 0.82 0.00	15.59 0.77 0.00	15.32 0.91 0.00	16.15 0.97 0.00	17.68 1.11 0.00	18.77 1.21 0.00	19.79 1.47 0.00	20.06 1.52 0.00	20.35 1.51 0.00	21.07 1.69 0.00	21.31 1.67 0.00	22.98 1.76 0.00	27.57 2.23 0.00	31.48 2.55 0.00	32.99 2.58 0.00	30.64 2.35 0.00	28.02 1.88 0.00	26.20 1.85 0.00	24.10 1.79 0.00	21.87 1.54 0.00
RAVENSWOOD_GT2_4 24247	19.68 1.27 0.00	17.72 1.08 0.00	17.56 1.01 0.00	15.81 0.88 0.00	15.66 0.82 0.00	15.59 0.77 0.00	15.32 0.91 0.00	16.15 0.97 0.00	17.68 1.11 0.00	18.77 1.21 0.00	19.79 1.47 0.00	20.06 1.52 0.00	20.35 1.51 0.00	21.07 1.69 0.00	21.31 1.67 0.00	22.98 1.76 0.00	27.57 2.23 0.00	31.48 2.55 0.00	32.99 2.58 0.00	30.64 2.35 0.00	28.02 1.88 0.00	26.20 1.85 0.00	24.10 1.79 0.00	21.87 1.54 0.00
RAVENSWOOD_GT3_1 24248	19.68 1.27 0.00	17.72 1.08 0.00	17.55 0.99 0.00	15.81 0.88 0.00	15.66 0.82 0.00	15.59 0.77 0.00	15.30 0.89 0.00	16.13 0.96 0.00	17.66 1.09 0.00	18.75 1.19 0.00	19.77 1.45 0.00	20.06 1.52 0.00	20.33 1.49 0.00	21.07 1.69 0.00	21.31 1.67 0.00	22.98 1.76 0.00	27.57 2.23 0.00	31.48 2.55 0.00	32.97 2.55 0.00	30.64 2.35 0.00	28.02 1.88 0.00	26.20 1.85 0.00	24.07 1.76 0.00	21.85 1.53 0.00
RAVENSWOOD_GT3_2 24249	19.68 1.27 0.00	17.72 1.08 0.00	17.55 0.99 0.00	15.81 0.88 0.00	15.66 0.82 0.00	15.59 0.77 0.00	15.30 0.89 0.00	16.13 0.96 0.00	17.66 1.09 0.00	18.75 1.19 0.00	19.77 1.45 0.00	20.06 1.52 0.00	20.33 1.49 0.00	21.07 1.69 0.00	21.31 1.67 0.00	22.98 1.76 0.00	27.57 2.23 0.00	31.48 2.55 0.00	32.97 2.55 0.00	30.64 2.35 0.00	28.02 1.88 0.00	26.20 1.85 0.00	24.07 1.76 0.00	21.85 1.53 0.00
RAVENSWOOD_GT3_3 24250	19.68 1.27 0.00	17.73 1.10 0.00	17.56 1.01 0.00	15.82 0.90 0.00	15.67 0.83 0.00	15.63 0.82 0.00	15.33 0.92 0.00	16.18 1.00 0.00	17.70 1.13 0.00	18.77 1.21 0.00	19.68 1.36 0.00	20.13 1.59 0.00	20.37 1.53 0.00	21.09 1.71 0.00	21.35 1.71 0.00	23.04 1.82 0.00	27.62 2.28 0.00	31.53 2.60 0.00	33.03 2.62 0.00	30.70 2.41 0.00	28.05 1.91 0.00	26.22 1.87 0.00	24.12 1.81 0.00	21.89 1.57 0.00
RAVENSWOOD_GT3_4 24251	19.70 1.29 0.00	17.73 1.10 0.00	17.56 1.01 0.00	15.82 0.90 0.00	15.67 0.83 0.00	15.60 0.78 0.00	15.33 0.92 0.00	16.16 0.99 0.00	17.70 1.13 0.00	18.77 1.21 0.00	19.81 1.48 0.00	20.09 1.56 0.00	20.37 1.53 0.00	21.09 1.71 0.00	21.35 1.71 0.00	23.00 1.78 0.00	27.62 2.28 0.00	31.50 2.57 0.00	33.03 2.62 0.00	30.70 2.40 0.00	28.05 1.91 0.00	26.22 1.88 0.00	24.12 1.81 0.00	21.89 1.57 0.00
RAVENSWOOD_GT_1 23729	19.76 1.34 -0.01	17.79 1.15 -0.01	17.62 1.06 -0.01	15.88 0.94 -0.01	15.73 0.88 -0.01	15.65 0.83 0.00	15.37 0.95 -0.01	16.19 1.02 0.00	17.68 1.11 0.00	18.77 1.21 0.00	19.81 1.48 0.00	20.11 1.57 0.00	20.35 1.51 0.00	21.15 1.76 0.00	21.40 1.75 -0.01	23.07 1.85 -0.01	27.67 2.33 -0.01	31.60 2.66 -0.01	33.10 2.68 -0.01	30.76 2.46 -0.01	28.05 1.91 0.00	26.31 1.95 -0.01	24.16 1.85 0.00	21.93 1.61 0.00
RAVENSWOOD_GT_10 24258	19.66 1.25 0.00	17.72 1.08 0.00	17.55 0.99 0.00	15.81 0.88 0.00	15.66 0.82 0.00	15.62 0.80 0.00	15.30 0.89 0.00	16.15 0.97 0.00	17.68 1.11 0.00	18.75 1.19 0.00	19.66 1.34 0.00	20.09 1.56 0.00	20.33 1.49 0.00	21.07 1.69 0.00	21.32 1.67 0.00	23.02 1.80 0.00	27.57 2.23 0.00	31.50 2.57 0.00	32.96 2.55 0.00	30.67 2.38 0.00	28.02 1.88 0.00	26.20 1.85 0.00	24.07 1.76 0.00	21.87 1.54 0.00
RAVENSWOOD_GT_11 24259	19.68 1.27 0.00	17.72 1.08 0.00	17.55 0.99 0.00	15.81 0.88 0.00	15.66 0.82 0.00	15.59 0.77 0.00	15.30 0.89 0.00	16.13 0.96 0.00	17.66 1.09 0.00	18.75 1.19 0.00	19.77 1.45 0.00	20.06 1.52 0.00	20.33 1.49 0.00	21.07 1.69 0.00	21.31 1.67 0.00	22.98 1.76 0.00	27.57 2.23 0.00	31.48 2.55 0.00	32.97 2.55 0.00	30.64 2.35 0.00	28.02 1.88 0.00	26.20 1.85 0.00	24.07 1.76 0.00	21.85 1.53 0.00
RAVENSWOOD_GT_4 24252	19.64 1.23 0.00	17.70 1.06 0.00	17.55 0.99 0.00	15.81 0.88 0.00	15.66 0.82 0.00	15.61 0.79 0.00	15.30 0.89 0.00	16.15 0.97 0.00	17.68 1.11 0.00	18.75 1.19 0.00	19.64 1.32 0.00	20.09 1.56 0.00	20.33 1.49 0.00	21.05 1.67 0.00	21.32 1.67 0.00	23.00 1.78 0.00	27.57 2.23 0.00	31.48 2.55 0.00	32.96 2.55 0.00	30.64 2.35 0.00	27.99 1.86 0.00	26.18 1.83 0.00	24.07 1.76 0.00	21.85 1.52 0.00

RAVENSWOOD_GT_5 24254	19.64 1.23 0.00	17.70 1.06 0.00	17.55 0.99 0.00	15.81 0.88 0.00	15.66 0.82 0.00	15.61 0.79 0.00	15.30 0.89 0.00	16.15 0.97 0.00	17.68 1.11 0.00	18.75 1.19 0.00	19.64 1.32 0.00	20.09 1.56 0.00	20.33 1.49 0.00	21.05 1.67 0.00	21.32 1.67 0.00	23.00 1.78 0.00	27.57 2.23 0.00	31.48 2.55 0.00	32.96 2.55 0.00	30.64 2.35 0.00	27.99 1.86 0.00	26.18 1.83 0.00	24.07 1.76 0.00	21.85 1.52 0.00
RAVENSWOOD_GT_6 24253	19.64 1.23 0.00	17.70 1.06 0.00	17.55 0.99 0.00	15.81 0.88 0.00	15.66 0.82 0.00	15.61 0.79 0.00	15.30 0.89 0.00	16.15 0.97 0.00	17.68 1.11 0.00	18.75 1.19 0.00	19.64 1.32 0.00	20.09 1.56 0.00	20.33 1.49 0.00	21.05 1.67 0.00	21.32 1.67 0.00	23.00 1.78 0.00	27.57 2.23 0.00	31.48 2.55 0.00	32.96 2.55 0.00	30.64 2.35 0.00	27.99 1.86 0.00	26.18 1.83 0.00	24.07 1.76 0.00	21.85 1.52 0.00
RAVENSWOOD_GT_7 24255	19.64 1.23 0.00	17.70 1.06 0.00	17.55 0.99 0.00	15.81 0.88 0.00	15.66 0.82 0.00	15.61 0.79 0.00	15.30 0.89 0.00	16.15 0.97 0.00	17.68 1.11 0.00	18.75 1.19 0.00	19.64 1.32 0.00	20.09 1.56 0.00	20.33 1.49 0.00	21.05 1.67 0.00	21.32 1.67 0.00	23.00 1.78 0.00	27.57 2.23 0.00	31.48 2.55 0.00	32.96 2.55 0.00	30.64 2.35 0.00	27.99 1.86 0.00	26.18 1.83 0.00	24.07 1.76 0.00	21.85 1.52 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	19.66 1.25 0.00	17.72 1.08 0.00	17.55 0.99 0.00	15.81 0.88 0.00	15.66 0.82 0.00	15.62 0.80 0.00	15.30 0.89 0.00	16.15 0.97 0.00	17.68 1.11 0.00	18.75 1.19 0.00	19.66 1.34 0.00	20.09 1.56 0.00	20.33 1.49 0.00	21.07 1.69 0.00	21.32 1.67 0.00	23.02 1.80 0.00	27.57 2.23 0.00	31.50 2.57 0.00	32.96 2.55 0.00	30.67 2.38 0.00	28.02 1.88 0.00	26.20 1.85 0.00	24.07 1.76 0.00	21.87 1.54 0.00
RAVENSWOOD_GT_9 24257	19.68 1.27 0.00	17.72 1.08 0.00	17.55 0.99 0.00	15.81 0.88 0.00	15.66 0.82 0.00	15.59 0.77 0.00	15.30 0.89 0.00	16.13 0.96 0.00	17.66 1.09 0.00	18.75 1.19 0.00	19.77 1.45 0.00	20.06 1.52 0.00	20.33 1.49 0.00	21.07 1.69 0.00	21.31 1.67 0.00	22.98 1.76 0.00	27.57 2.23 0.00	31.48 2.55 0.00	32.97 2.55 0.00	30.64 2.35 0.00	28.02 1.88 0.00	26.20 1.85 0.00	24.07 1.76 0.00	21.85 1.53 0.00
RAVENSWOOD___1 23533	19.76 1.34 -0.01	17.79 1.15 -0.01	17.62 1.06 -0.01	15.88 0.94 -0.01	15.73 0.88 -0.01	15.65 0.83 0.00	15.37 0.95 -0.01	16.19 1.02 0.00	17.68 1.11 0.00	18.77 1.21 0.00	19.81 1.48 0.00	20.11 1.57 0.00	20.35 1.51 0.00	21.15 1.76 0.00	21.40 1.75 -0.01	23.07 1.85 -0.01	27.67 2.33 -0.01	31.60 2.66 -0.01	33.10 2.68 -0.01	30.76 2.46 -0.01	28.05 1.91 0.00	26.31 1.95 -0.01	24.16 1.85 0.00	21.93 1.61 0.00
RAVENSWOOD___2 23534	19.76 1.34 -0.01	17.79 1.15 -0.01	17.62 1.06 -0.01	15.88 0.94 -0.01	15.73 0.88 -0.01	15.65 0.83 0.00	15.37 0.95 -0.01	16.19 1.02 0.00	17.68 1.11 0.00	18.77 1.21 0.00	19.81 1.48 0.00	20.11 1.57 0.00	20.35 1.51 0.00	21.15 1.76 0.00	21.40 1.75 -0.01	23.07 1.85 -0.01	27.67 2.33 -0.01	31.60 2.66 -0.01	33.10 2.68 -0.01	30.76 2.46 -0.01	28.05 1.91 0.00	26.31 1.95 -0.01	24.16 1.85 0.00	21.93 1.61 0.00
RAVENSWOOD___3 23535	19.68 1.27 0.00	17.72 1.08 0.00	17.55 0.99 0.00	15.81 0.88 0.00	15.66 0.82 0.00	15.59 0.77 0.00	15.30 0.89 0.00	16.13 0.96 0.00	17.66 1.09 0.00	18.75 1.19 0.00	19.77 1.45 0.00	20.06 1.52 0.00	20.33 1.49 0.00	21.07 1.69 0.00	21.31 1.67 0.00	22.98 1.76 0.00	27.57 2.23 0.00	31.48 2.55 0.00	32.97 2.55 0.00	30.64 2.35 0.00	28.02 1.88 0.00	26.20 1.85 0.00	24.10 1.79 0.00	21.87 1.54 0.00
RAVENSWOOD___4 23820	19.76 1.34 -0.01	17.79 1.15 -0.01	17.62 1.06 -0.01	15.88 0.94 -0.01	15.73 0.88 -0.01	15.65 0.83 0.00	15.37 0.95 -0.01	16.19 1.02 0.00	17.68 1.11 0.00	18.77 1.21 0.00	19.81 1.48 0.00	20.11 1.57 0.00	20.35 1.51 0.00	21.15 1.76 0.00	21.40 1.75 -0.01	23.07 1.85 -0.01	27.67 2.33 -0.01	31.60 2.66 -0.01	33.10 2.68 -0.01	30.76 2.46 -0.01	28.05 1.91 0.00	26.31 1.95 -0.01	24.16 1.85 0.00	21.93 1.61 0.00
RCPL_TRUST___DRP 24196	19.68 1.27 0.00	17.72 1.08 0.00	17.56 1.01 0.00	15.82 0.90 0.00	15.67 0.83 0.00	15.63 0.82 0.00	15.32 0.91 0.00	16.16 0.99 0.00	17.70 1.13 0.00	18.79 1.23 0.00	19.68 1.36 0.00	20.13 1.59 0.00	20.37 1.53 0.00	21.11 1.73 0.00	21.35 1.71 0.00	23.04 1.82 0.00	27.62 2.28 0.00	31.56 2.63 0.00	33.03 2.62 0.00	30.70 2.41 0.00	28.05 1.91 0.00	26.22 1.87 0.00	24.10 1.78 0.00	21.89 1.57 0.00
RED___ROCHESTER 323720	18.81 0.40 0.00	16.90 0.27 0.00	16.74 0.18 0.00	15.09 0.16 0.00	15.08 0.24 0.00	15.13 0.31 0.00	14.58 0.17 0.00	15.34 0.17 0.00	16.65 0.08 0.00	17.65 0.09 0.00	18.45 0.13 0.00	18.72 0.19 0.00	19.05 0.21 0.00	19.60 0.21 0.00	20.02 0.37 0.00	21.73 0.51 0.00	25.82 0.48 0.00	29.33 0.40 0.00	30.84 0.43 0.00	28.69 0.40 0.00	26.63 0.50 0.00	24.84 0.49 0.00	22.71 0.40 0.00	20.79 0.47 0.00
REGAN___SOLAR 323812	20.49 2.08 0.00	18.40 1.76 0.00	18.26 1.71 0.00	16.49 1.57 0.00	16.40 1.56 0.00	16.44 1.62 0.00	15.97 1.56 0.00	16.70 1.52 0.00	18.06 1.49 0.00	19.05 1.49 0.00	19.90 1.58 0.00	20.07 1.54 0.00	20.40 1.56 0.00	21.03 1.65 0.00	21.30 1.65 0.00	23.13 1.91 0.00	27.79 2.46 0.00	32.11 3.18 0.00	34.15 3.74 0.00	32.06 3.76 0.00	29.67 3.53 0.00	27.54 3.19 0.00	25.17 2.86 0.00	22.85 2.52 0.00
RENSSELAER___COGEN 23796	18.91 0.50 0.00	17.10 0.47 0.00	17.13 0.58 0.00	15.48 0.55 0.00	15.35 0.50 0.00	15.31 0.49 0.00	14.90 0.49 0.00	15.68 0.50 0.00	17.07 0.50 0.00	18.05 0.49 0.00	18.91 0.59 0.00	19.13 0.59 0.00	19.42 0.58 0.00	20.05 0.66 0.00	20.23 0.59 0.00	21.77 0.55 0.00	26.02 0.68 0.00	29.74 0.81 0.00	31.29 0.88 0.00	29.14 0.85 0.00	26.82 0.68 0.00	25.01 0.66 0.00	22.93 0.62 0.00	20.92 0.59 0.00
REPUBLIC_115KV_BARTNBRK 55605	21.06 2.65 0.00	18.88 2.25 0.00	18.74 2.19 0.00	16.94 2.02 0.00	16.85 2.00 0.00	16.89 2.07 0.00	16.47 2.06 0.00	17.35 2.17 0.00	18.96 2.39 0.00	20.14 2.58 0.00	20.89 2.57 0.00	21.19 2.65 0.00	21.38 2.54 0.00	22.02 2.64 0.00	22.06 2.42 0.00	24.04 2.82 0.00	28.35 3.01 0.00	32.43 3.50 0.00	34.42 4.01 0.00	32.17 3.88 0.00	29.85 3.71 0.00	27.71 3.36 0.00	25.35 3.03 0.00	22.99 2.66 0.00
REVERE_CPPR_DRP 24186	18.92 0.52 0.00	17.05 0.42 0.00	17.00 0.45 0.00	15.31 0.39 0.00	15.23 0.39 0.00	15.18 0.36 0.00	14.71 0.30 0.00	15.48 0.30 0.00	16.92 0.35 0.00	17.91 0.35 0.00	18.67 0.35 0.00	18.93 0.39 0.00	19.29 0.45 0.00	19.81 0.43 0.00	20.10 0.45 0.00	21.81 0.59 0.00	26.05 0.71 0.00	29.80 0.87 0.00	31.38 0.97 0.00	29.29 0.99 0.00	27.29 1.15 0.00	25.23 0.88 0.00	23.07 0.76 0.00	21.04 0.71 0.00

REYNOLDS_115KV_TB3 80639	19.03 0.63 0.00	17.22 0.58 0.00	17.20 0.65 0.00	15.52 0.60 0.00	15.41 0.56 0.00	15.37 0.55 0.00	14.96 0.55 0.00	15.74 0.56 0.00	17.17 0.60 0.00	18.15 0.60 0.00	18.93 0.60 0.00	19.26 0.72 0.00	19.54 0.70 0.00	20.14 0.76 0.00	20.33 0.69 0.00	21.92 0.70 0.00	26.17 0.84 0.00	29.94 1.01 0.00	31.51 1.09 0.00	29.31 1.02 0.00	27.00 0.86 0.00	25.18 0.83 0.00	23.09 0.78 0.00	21.06 0.73 0.00
RIVERBAY____ 323610	19.97 1.56 0.00	18.00 1.36 0.00	17.83 1.27 0.00	16.08 1.15 0.00	15.93 1.08 0.00	15.87 1.05 0.00	15.54 1.12 0.00	16.36 1.18 0.00	17.76 1.19 0.00	18.87 1.32 0.00	19.83 1.50 0.00	20.32 1.78 0.00	20.48 1.64 0.00	21.31 1.92 0.00	21.57 1.93 0.00	23.26 2.04 0.00	27.84 2.51 0.00	31.82 2.89 0.00	33.30 2.89 0.00	30.98 2.69 0.00	28.20 2.06 0.00	26.49 2.14 0.00	24.48 2.16 0.00	22.26 1.93 0.00
RIVERSDE_115KV_TB3 55908	18.98 0.57 0.00	17.18 0.55 0.00	17.18 0.63 0.00	15.51 0.58 0.00	15.39 0.55 0.00	15.35 0.53 0.00	14.96 0.55 0.00	15.72 0.55 0.00	17.13 0.56 0.00	18.12 0.56 0.00	18.89 0.57 0.00	19.22 0.69 0.00	19.52 0.68 0.00	20.12 0.74 0.00	20.29 0.65 0.00	21.90 0.68 0.00	26.12 0.79 0.00	29.88 0.95 0.00	31.44 1.03 0.00	29.26 0.96 0.00	26.95 0.81 0.00	25.13 0.78 0.00	23.05 0.74 0.00	21.02 0.69 0.00
ROARING____BROOK_WT_PWR 323790	17.89 -0.52 0.00	16.22 -0.42 0.00	16.17 -0.38 0.00	14.61 -0.31 0.00	14.56 -0.28 0.00	14.54 -0.28 0.00	14.15 -0.26 0.00	14.92 -0.26 0.00	16.29 -0.28 0.00	17.28 -0.28 0.00	17.96 -0.37 0.00	18.18 -0.35 0.00	18.48 -0.36 0.00	19.00 -0.39 0.00	19.27 -0.37 0.00	20.79 -0.42 0.00	24.85 -0.48 0.00	28.41 -0.52 0.00	29.86 -0.55 0.00	27.81 -0.48 0.00	25.69 -0.44 0.00	23.94 -0.41 0.00	21.91 -0.40 0.00	19.96 -0.37 0.00
ROCHESRG_115KV_T4 355643	18.65 0.24 0.00	16.75 0.12 0.00	16.60 0.05 0.00	14.97 0.04 0.00	14.95 0.10 0.00	14.97 0.15 0.00	14.47 0.06 0.00	15.18 0.00 0.00	16.50 -0.07 0.00	17.49 -0.07 0.00	18.18 -0.15 0.00	18.44 -0.09 0.00	18.86 0.02 0.00	19.39 0.00 0.00	19.80 0.16 0.00	21.39 0.17 0.00	25.51 0.18 0.00	28.93 0.00 0.00	30.44 0.03 0.00	28.35 0.06 0.00	26.32 0.18 0.00	24.52 0.17 0.00	22.44 0.13 0.00	20.57 0.24 0.00
ROCHESTER_9_IC 23652	18.74 0.33 0.00	16.83 0.20 0.00	16.69 0.13 0.00	15.03 0.10 0.00	15.02 0.18 0.00	15.03 0.21 0.00	14.53 0.12 0.00	15.25 0.08 0.00	16.59 0.02 0.00	17.58 0.02 0.00	18.27 -0.05 0.00	18.56 0.02 0.00	18.95 0.11 0.00	19.50 0.12 0.00	19.92 0.28 0.00	21.52 0.30 0.00	25.69 0.35 0.00	29.13 0.20 0.00	30.62 0.21 0.00	28.52 0.23 0.00	26.48 0.34 0.00	24.69 0.34 0.00	22.60 0.29 0.00	20.69 0.37 0.00
ROCKVIEW_13_KV_LD 356306	19.64 1.23 0.00	17.70 1.06 0.00	17.55 0.99 0.00	15.81 0.88 0.00	15.66 0.82 0.00	15.61 0.79 0.00	15.30 0.89 0.00	16.13 0.96 0.00	17.68 1.11 0.00	18.77 1.21 0.00	19.66 1.34 0.00	20.08 1.54 0.00	20.33 1.49 0.00	21.05 1.67 0.00	21.30 1.65 0.00	23.00 1.78 0.00	27.54 2.20 0.00	31.48 2.55 0.00	32.96 2.55 0.00	30.67 2.38 0.00	28.07 1.93 0.00	26.22 1.87 0.00	24.07 1.76 0.00	21.87 1.54 0.00
ROME____115KV_TB2 80656	18.92 0.52 0.00	17.05 0.42 0.00	17.00 0.45 0.00	15.31 0.39 0.00	15.23 0.39 0.00	15.18 0.36 0.00	14.71 0.30 0.00	15.48 0.30 0.00	16.92 0.35 0.00	17.91 0.35 0.00	18.67 0.35 0.00	18.93 0.39 0.00	19.29 0.45 0.00	19.81 0.43 0.00	20.10 0.45 0.00	21.81 0.59 0.00	26.05 0.71 0.00	29.80 0.87 0.00	31.38 0.97 0.00	29.29 0.99 0.00	27.29 1.15 0.00	25.23 0.88 0.00	23.07 0.76 0.00	21.04 0.71 0.00
ROSETON____1 23587	19.40 0.99 0.00	17.48 0.85 0.00	17.35 0.79 0.00	15.63 0.70 0.00	15.49 0.65 0.00	15.44 0.62 0.00	15.12 0.71 0.00	15.92 0.74 0.00	17.45 0.88 0.00	18.51 0.95 0.00	19.46 1.14 0.00	19.72 1.19 0.00	20.01 1.17 0.00	20.69 1.30 0.00	20.90 1.26 0.00	22.56 1.34 0.00	27.01 1.67 0.00	30.84 1.91 0.00	32.39 1.98 0.00	30.11 1.81 0.00	27.63 1.49 0.00	25.79 1.44 0.00	23.67 1.36 0.00	21.50 1.18 0.00
ROSETON____2 23588	19.40 0.99 0.00	17.48 0.85 0.00	17.35 0.79 0.00	15.63 0.70 0.00	15.49 0.65 0.00	15.44 0.62 0.00	15.12 0.71 0.00	15.92 0.74 0.00	17.45 0.88 0.00	18.51 0.95 0.00	19.46 1.14 0.00	19.72 1.19 0.00	20.01 1.17 0.00	20.69 1.30 0.00	20.90 1.26 0.00	22.56 1.34 0.00	27.01 1.67 0.00	30.84 1.91 0.00	32.39 1.98 0.00	30.11 1.81 0.00	27.63 1.49 0.00	25.79 1.44 0.00	23.67 1.36 0.00	21.50 1.18 0.00
ROTTTRDAM_115KV_TB3 80664	19.24 0.83 0.00	17.37 0.73 0.00	17.28 0.73 0.00	15.58 0.66 0.00	15.46 0.62 0.00	15.46 0.64 0.00	15.05 0.63 0.00	15.83 0.65 0.00	17.30 0.73 0.00	18.31 0.75 0.00	19.09 0.77 0.00	19.41 0.87 0.00	19.71 0.87 0.00	20.32 0.93 0.00	20.51 0.86 0.00	22.17 0.95 0.00	26.45 1.11 0.00	30.23 1.30 0.00	31.84 1.43 0.00	29.65 1.36 0.00	27.31 1.18 0.00	25.47 1.12 0.00	23.36 1.05 0.00	21.24 0.91 0.00
RUSSELL____1 23602	18.81 0.40 0.00	16.90 0.27 0.00	16.74 0.18 0.00	15.09 0.16 0.00	15.08 0.24 0.00	15.09 0.27 0.00	14.58 0.17 0.00	15.30 0.12 0.00	16.65 0.08 0.00	17.65 0.09 0.00	18.34 0.02 0.00	18.63 0.09 0.00	19.05 0.21 0.00	19.60 0.21 0.00	20.02 0.37 0.00	21.62 0.40 0.00	25.82 0.48 0.00	29.28 0.35 0.00	30.81 0.40 0.00	28.69 0.40 0.00	26.64 0.50 0.00	24.81 0.46 0.00	22.71 0.40 0.00	20.79 0.47 0.00
RUSSELL____2 23532	18.81 0.40 0.00	16.90 0.27 0.00	16.74 0.18 0.00	15.09 0.16 0.00	15.08 0.24 0.00	15.09 0.27 0.00	14.58 0.17 0.00	15.30 0.12 0.00	16.65 0.08 0.00	17.65 0.09 0.00	18.34 0.02 0.00	18.63 0.09 0.00	19.05 0.21 0.00	19.60 0.21 0.00	20.02 0.37 0.00	21.62 0.40 0.00	25.82 0.48 0.00	29.28 0.35 0.00	30.81 0.40 0.00	28.69 0.40 0.00	26.64 0.50 0.00	24.81 0.46 0.00	22.71 0.40 0.00	20.79 0.47 0.00
RUSSELL____3 23549	18.81 0.40 0.00	16.90 0.27 0.00	16.74 0.18 0.00	15.09 0.16 0.00	15.08 0.24 0.00	15.09 0.27 0.00	14.58 0.17 0.00	15.30 0.12 0.00	16.65 0.08 0.00	17.65 0.09 0.00	18.34 0.02 0.00	18.63 0.09 0.00	19.05 0.21 0.00	19.60 0.21 0.00	20.02 0.37 0.00	21.62 0.40 0.00	25.82 0.48 0.00	29.28 0.35 0.00	30.81 0.40 0.00	28.69 0.40 0.00	26.64 0.50 0.00	24.81 0.46 0.00	22.71 0.40 0.00	20.79 0.47 0.00
RUSSELL____4 23556	18.81 0.40 0.00	16.90 0.27 0.00	16.74 0.18 0.00	15.09 0.16 0.00	15.08 0.24 0.00	15.09 0.27 0.00	14.58 0.17 0.00	15.30 0.12 0.00	16.65 0.08 0.00	17.65 0.09 0.00	18.34 0.02 0.00	18.63 0.09 0.00	19.05 0.21 0.00	19.60 0.21 0.00	20.02 0.37 0.00	21.62 0.40 0.00	25.82 0.48 0.00	29.28 0.35 0.00	30.81 0.40 0.00	28.69 0.40 0.00	26.64 0.50 0.00	24.81 0.46 0.00	22.71 0.40 0.00	20.79 0.47 0.00

RUSSELL___STATION 23914	18.81 0.40 0.00	16.90 0.27 0.00	16.74 0.18 0.00	15.09 0.16 0.00	15.08 0.24 0.00	15.09 0.27 0.00	14.58 0.17 0.00	15.30 0.12 0.00	16.65 0.08 0.00	17.65 0.09 0.00	18.34 0.02 0.00	18.63 0.09 0.00	19.05 0.21 0.00	19.60 0.21 0.00	20.02 0.37 0.00	21.62 0.40 0.00	25.82 0.48 0.00	29.28 0.35 0.00	30.81 0.40 0.00	28.69 0.40 0.00	26.64 0.50 0.00	24.81 0.46 0.00	22.71 0.40 0.00	20.79 0.47 0.00
S SALMON___HYD 24043	18.37 -0.04 0.00	16.57 -0.07 0.00	16.47 -0.08 0.00	14.85 -0.07 0.00	14.78 -0.06 0.00	14.76 -0.06 0.00	14.30 -0.12 0.00	15.04 -0.14 0.00	16.40 -0.17 0.00	17.38 -0.18 0.00	18.20 -0.13 0.00	18.41 -0.13 0.00	18.73 -0.11 0.00	19.19 -0.19 0.00	19.47 -0.18 0.00	21.07 -0.15 0.00	25.11 -0.23 0.00	28.73 -0.20 0.00	30.23 -0.18 0.00	28.15 -0.14 0.00	26.16 0.03 0.00	24.37 0.02 0.00	22.31 0.00 0.00	20.33 0.00 0.00
S.PERRY___115KV_TB1 80734	19.27 0.87 0.00	17.30 0.67 0.00	17.12 0.56 0.00	15.43 0.51 0.00	15.44 0.59 0.00	15.49 0.67 0.00	14.87 0.46 0.00	15.45 0.27 0.00	16.60 0.03 0.00	17.52 -0.04 0.00	18.14 -0.18 0.00	18.43 -0.11 0.00	18.84 0.00 0.00	19.46 0.08 0.00	19.92 0.28 0.00	21.54 0.32 0.00	25.79 0.46 0.00	29.45 0.52 0.00	31.26 0.85 0.00	29.43 1.13 0.00	27.47 1.33 0.00	25.57 1.22 0.00	23.40 1.09 0.00	21.42 1.10 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	18.85 0.44 0.00	16.90 0.27 0.00	16.72 0.17 0.00	15.12 0.19 0.00	15.11 0.27 0.00	15.13 0.31 0.00	14.58 0.17 0.00	15.24 0.06 0.00	16.45 -0.12 0.00	17.44 -0.12 0.00	18.05 -0.27 0.00	18.35 -0.19 0.00	18.76 -0.08 0.00	19.41 0.02 0.00	19.88 0.24 0.00	21.41 0.19 0.00	25.51 0.18 0.00	28.81 -0.12 0.00	30.23 -0.18 0.00	28.27 -0.03 0.00	26.32 0.18 0.00	24.57 0.22 0.00	22.47 0.16 0.00	20.75 0.43 0.00
SAWYER___23_KV_LOAD 55526	18.85 0.44 0.00	16.90 0.27 0.00	16.72 0.17 0.00	15.12 0.19 0.00	15.11 0.27 0.00	15.13 0.31 0.00	14.58 0.17 0.00	15.24 0.06 0.00	16.45 -0.12 0.00	17.44 -0.12 0.00	18.05 -0.27 0.00	18.35 -0.19 0.00	18.76 -0.08 0.00	19.41 0.02 0.00	19.88 0.24 0.00	21.41 0.19 0.00	25.51 0.18 0.00	28.81 -0.12 0.00	30.23 -0.18 0.00	28.27 -0.03 0.00	26.32 0.18 0.00	24.57 0.22 0.00	22.47 0.16 0.00	20.75 0.43 0.00
SELKIRK___I 23801	19.13 0.72 0.00	17.28 0.65 0.00	17.28 0.73 0.00	15.60 0.67 0.00	15.48 0.64 0.00	15.44 0.62 0.00	15.03 0.62 0.00	15.80 0.62 0.00	17.22 0.65 0.00	18.21 0.65 0.00	19.08 0.75 0.00	19.30 0.76 0.00	19.59 0.75 0.00	20.20 0.81 0.00	20.41 0.77 0.00	22.00 0.79 0.00	26.27 0.94 0.00	30.03 1.10 0.00	31.60 1.18 0.00	29.43 1.13 0.00	27.11 0.97 0.00	25.27 0.93 0.00	23.18 0.87 0.00	21.14 0.81 0.00
SELKIRK___II 23799	19.00 0.59 0.00	17.17 0.53 0.00	17.15 0.60 0.00	15.48 0.55 0.00	15.36 0.52 0.00	15.32 0.50 0.00	14.93 0.52 0.00	15.69 0.52 0.00	17.12 0.55 0.00	18.10 0.54 0.00	18.96 0.64 0.00	19.20 0.67 0.00	19.50 0.66 0.00	20.10 0.72 0.00	20.31 0.67 0.00	21.90 0.68 0.00	26.17 0.83 0.00	29.91 0.98 0.00	31.44 1.03 0.00	29.28 0.99 0.00	26.97 0.84 0.00	25.15 0.80 0.00	23.07 0.76 0.00	21.00 0.67 0.00
SENECA OSWGO___HYD 24041	18.24 -0.17 0.00	16.45 -0.18 0.00	16.36 -0.20 0.00	14.73 -0.19 0.00	14.66 -0.18 0.00	14.66 -0.16 0.00	14.21 -0.20 0.00	14.98 -0.20 0.00	16.34 -0.23 0.00	17.31 -0.25 0.00	18.10 -0.22 0.00	18.32 -0.22 0.00	18.63 -0.21 0.00	19.12 -0.27 0.00	19.39 -0.26 0.00	21.01 -0.21 0.00	25.03 -0.30 0.00	28.55 -0.38 0.00	30.01 -0.40 0.00	27.90 -0.40 0.00	25.88 -0.26 0.00	24.06 -0.29 0.00	22.04 -0.27 0.00	20.10 -0.22 0.00
SENECA___115KV_TB3 355854	19.02 0.61 0.00	17.05 0.42 0.00	16.87 0.31 0.00	15.26 0.33 0.00	15.24 0.40 0.00	15.26 0.44 0.00	14.71 0.30 0.00	15.36 0.18 0.00	16.60 0.03 0.00	17.59 0.04 0.00	18.20 -0.13 0.00	18.52 -0.02 0.00	18.95 0.11 0.00	19.60 0.21 0.00	20.10 0.45 0.00	21.64 0.42 0.00	25.79 0.46 0.00	29.10 0.17 0.00	30.53 0.12 0.00	28.58 0.28 0.00	26.61 0.47 0.00	24.84 0.49 0.00	22.71 0.40 0.00	20.96 0.63 0.00
SENECA___ENERGY 23797	18.55 0.15 0.00	16.72 0.08 0.00	16.59 0.03 0.00	14.94 0.01 0.00	14.90 0.06 0.00	14.92 0.10 0.00	14.44 0.03 0.00	15.21 0.03 0.00	16.55 -0.02 0.00	17.54 -0.02 0.00	18.36 0.04 0.00	18.59 0.06 0.00	18.93 0.09 0.00	19.46 0.08 0.00	19.80 0.16 0.00	21.47 0.26 0.00	25.64 0.31 0.00	29.19 0.26 0.00	30.75 0.34 0.00	28.52 0.23 0.00	26.48 0.34 0.00	24.64 0.29 0.00	22.53 0.22 0.00	20.57 0.24 0.00
SHOEMAKER___GT 23640	19.27 0.87 0.00	17.35 0.71 0.00	17.23 0.68 0.00	15.52 0.60 0.00	15.39 0.55 0.00	15.34 0.52 0.00	15.00 0.59 0.00	15.80 0.62 0.00	17.30 0.73 0.00	18.33 0.77 0.00	19.26 0.93 0.00	19.52 0.98 0.00	19.80 0.96 0.00	20.47 1.08 0.00	20.71 1.06 0.00	22.36 1.15 0.00	26.78 1.44 0.00	30.61 1.68 0.00	32.14 1.73 0.00	29.88 1.58 0.00	27.47 1.33 0.00	25.64 1.29 0.00	23.51 1.20 0.00	21.36 1.04 0.00
SHOEMAKR_138KV_BK 111 55601	19.25 0.85 0.00	17.35 0.72 0.00	17.23 0.68 0.00	15.52 0.60 0.00	15.39 0.55 0.00	15.35 0.53 0.00	15.00 0.59 0.00	15.82 0.64 0.00	17.32 0.75 0.00	18.35 0.79 0.00	19.17 0.84 0.00	19.56 1.02 0.00	19.82 0.98 0.00	20.49 1.11 0.00	20.73 1.08 0.00	22.41 1.19 0.00	26.78 1.44 0.00	30.61 1.68 0.00	32.14 1.73 0.00	29.88 1.58 0.00	27.47 1.33 0.00	25.64 1.29 0.00	23.52 1.20 0.00	21.36 1.04 0.00
SHOREHAM_IC_1 23715	21.72 2.08 -1.23	18.89 1.93 -0.32	18.40 1.84 -0.01	16.23 1.30 -0.01	16.21 1.36 -0.01	16.01 1.19 -0.01	15.87 1.45 -0.01	16.41 1.23 -0.01	18.18 1.61 -0.01	19.45 1.88 -0.01	22.20 1.76 -2.12	26.81 1.72 -6.55	30.17 1.71 -9.62	31.17 1.90 -9.88	30.79 1.81 -9.34	32.19 1.95 -9.02	43.84 2.66 -15.84	42.53 3.10 -10.50	42.52 3.19 -8.91	37.21 2.83 -6.08	33.69 2.30 -5.25	32.95 2.19 -6.41	26.53 2.16 -2.06	23.36 1.87 -1.16
SHOREHAM_IC_2 23716	21.72 2.08 -1.23	18.89 1.93 -0.32	18.40 1.84 -0.01	16.23 1.30 -0.01	16.21 1.36 -0.01	16.01 1.19 -0.01	15.87 1.45 -0.01	16.41 1.23 -0.01	18.18 1.61 -0.01	19.45 1.88 -0.01	22.20 1.76 -2.12	26.81 1.72 -6.55	30.17 1.71 -9.62	31.17 1.90 -9.88	30.79 1.81 -9.34	32.19 1.95 -9.02	43.84 2.66 -15.84	42.53 3.10 -10.50	42.52 3.19 -8.91	37.21 2.83 -6.08	33.69 2.30 -5.25	32.95 2.19 -6.41	26.53 2.16 -2.06	23.36 1.87 -1.16
SISSONVILLE___ 23735	17.73 -0.68 0.00	16.00 -0.63 0.00	15.97 -0.58 0.00	14.42 -0.51 0.00	14.37 -0.47 0.00	14.33 -0.49 0.00	13.94 -0.48 0.00	14.68 -0.50 0.00	16.02 -0.55 0.00	16.98 -0.58 0.00	17.76 -0.57 0.00	17.83 -0.70 0.00	18.12 -0.72 0.00	18.59 -0.79 0.00	18.90 -0.75 0.00	20.35 -0.87 0.00	24.32 -1.01 0.00	27.92 -1.01 0.00	29.38 -1.03 0.00	27.39 -0.91 0.00	25.51 -0.63 0.00	23.84 -0.51 0.00	21.78 -0.54 0.00	19.80 -0.53 0.00

SITHE_IND_GS1 24169	18.09 -0.31 0.00	16.34 -0.30 0.00	16.24 -0.32 0.00	14.64 -0.28 0.00	14.56 -0.28 0.00	14.55 -0.27 0.00	14.12 -0.29 0.00	14.87 -0.30 0.00	16.22 -0.35 0.00	17.19 -0.37 0.00	17.98 -0.35 0.00	18.15 -0.39 0.00	18.46 -0.38 0.00	18.94 -0.45 0.00	19.23 -0.41 0.00	20.79 -0.42 0.00	24.80 -0.53 0.00	28.29 -0.64 0.00	29.71 -0.70 0.00	27.65 -0.65 0.00	25.59 -0.55 0.00	23.81 -0.54 0.00	21.82 -0.49 0.00	19.92 -0.41 0.00
SITHE_IND_GS2 24170	18.09 -0.31 0.00	16.34 -0.30 0.00	16.24 -0.32 0.00	14.64 -0.28 0.00	14.56 -0.28 0.00	14.55 -0.27 0.00	14.12 -0.29 0.00	14.87 -0.30 0.00	16.22 -0.35 0.00	17.19 -0.37 0.00	17.98 -0.35 0.00	18.15 -0.39 0.00	18.46 -0.38 0.00	18.94 -0.45 0.00	19.23 -0.41 0.00	20.79 -0.42 0.00	24.80 -0.53 0.00	28.29 -0.64 0.00	29.71 -0.70 0.00	27.65 -0.65 0.00	25.59 -0.55 0.00	23.81 -0.54 0.00	21.82 -0.49 0.00	19.92 -0.41 0.00
SITHE_IND_GS3 24171	18.09 -0.31 0.00	16.34 -0.30 0.00	16.24 -0.32 0.00	14.64 -0.28 0.00	14.56 -0.28 0.00	14.55 -0.27 0.00	14.12 -0.29 0.00	14.87 -0.30 0.00	16.22 -0.35 0.00	17.19 -0.37 0.00	17.98 -0.35 0.00	18.15 -0.39 0.00	18.46 -0.38 0.00	18.94 -0.45 0.00	19.23 -0.41 0.00	20.79 -0.42 0.00	24.80 -0.53 0.00	28.29 -0.64 0.00	29.71 -0.70 0.00	27.65 -0.65 0.00	25.59 -0.55 0.00	23.81 -0.54 0.00	21.82 -0.49 0.00	19.92 -0.41 0.00
SITHE_IND_GS4 24172	18.09 -0.31 0.00	16.34 -0.30 0.00	16.24 -0.32 0.00	14.64 -0.28 0.00	14.56 -0.28 0.00	14.55 -0.27 0.00	14.12 -0.29 0.00	14.87 -0.30 0.00	16.22 -0.35 0.00	17.19 -0.37 0.00	17.98 -0.35 0.00	18.15 -0.39 0.00	18.46 -0.38 0.00	18.94 -0.45 0.00	19.23 -0.41 0.00	20.79 -0.42 0.00	24.80 -0.53 0.00	28.29 -0.64 0.00	29.71 -0.70 0.00	27.65 -0.65 0.00	25.59 -0.55 0.00	23.81 -0.54 0.00	21.82 -0.49 0.00	19.92 -0.41 0.00
SITHE___BATAVIA 24024	19.11 0.70 0.00	17.12 0.48 0.00	16.94 0.38 0.00	15.30 0.37 0.00	15.24 0.40 0.00	15.34 0.52 0.00	14.76 0.35 0.00	15.47 0.29 0.00	16.65 0.08 0.00	17.61 0.05 0.00	18.36 0.04 0.00	18.67 0.13 0.00	18.99 0.15 0.00	19.58 0.19 0.00	20.06 0.41 0.00	21.79 0.57 0.00	25.87 0.53 0.00	29.33 0.40 0.00	30.87 0.46 0.00	28.80 0.51 0.00	26.79 0.65 0.00	25.01 0.66 0.00	22.87 0.56 0.00	21.04 0.71 0.00
SITHE___INDEPEND 23800	18.10 -0.31 0.00	16.33 -0.30 0.00	16.24 -0.31 0.00	14.64 -0.28 0.00	14.56 -0.28 0.00	14.55 -0.27 0.00	14.12 -0.29 0.00	14.87 -0.30 0.00	16.22 -0.35 0.00	17.19 -0.37 0.00	17.94 -0.38 0.00	18.15 -0.39 0.00	18.46 -0.38 0.00	18.94 -0.45 0.00	19.23 -0.41 0.00	20.77 -0.45 0.00	24.80 -0.53 0.00	28.26 -0.67 0.00	29.71 -0.70 0.00	27.64 -0.65 0.00	25.59 -0.55 0.00	23.81 -0.54 0.00	21.82 -0.49 0.00	19.92 -0.41 0.00
SITHE___MASSENA 23902	17.97 -0.44 0.00	16.25 -0.38 0.00	16.19 -0.36 0.00	14.61 -0.31 0.00	14.56 -0.28 0.00	14.54 -0.28 0.00	14.15 -0.26 0.00	14.90 -0.27 0.00	16.25 -0.32 0.00	17.22 -0.33 0.00	17.87 -0.46 0.00	18.07 -0.46 0.00	18.37 -0.47 0.00	18.88 -0.50 0.00	19.17 -0.47 0.00	20.62 -0.59 0.00	24.68 -0.66 0.00	28.24 -0.69 0.00	29.68 -0.73 0.00	27.65 -0.65 0.00	25.59 -0.55 0.00	23.86 -0.49 0.00	21.84 -0.47 0.00	19.90 -0.43 0.00
SITHE___OGDNSBRG 24021	17.98 -0.42 0.00	16.25 -0.38 0.00	16.21 -0.35 0.00	14.63 -0.30 0.00	14.57 -0.27 0.00	14.54 -0.28 0.00	14.14 -0.27 0.00	14.87 -0.30 0.00	16.24 -0.33 0.00	17.21 -0.35 0.00	17.98 -0.35 0.00	18.04 -0.50 0.00	18.35 -0.49 0.00	18.84 -0.54 0.00	19.13 -0.51 0.00	20.62 -0.59 0.00	24.65 -0.68 0.00	28.29 -0.64 0.00	29.80 -0.61 0.00	27.81 -0.48 0.00	25.88 -0.26 0.00	24.08 -0.27 0.00	21.98 -0.33 0.00	20.00 -0.33 0.00
SITHE___STERLING 23777	18.85 0.44 0.00	16.98 0.35 0.00	16.92 0.36 0.00	15.24 0.31 0.00	15.17 0.33 0.00	15.13 0.31 0.00	14.67 0.26 0.00	15.44 0.26 0.00	16.87 0.30 0.00	17.86 0.30 0.00	18.65 0.33 0.00	18.89 0.35 0.00	19.24 0.40 0.00	19.75 0.37 0.00	20.06 0.41 0.00	21.75 0.53 0.00	25.94 0.61 0.00	29.68 0.75 0.00	31.23 0.82 0.00	29.12 0.82 0.00	27.05 0.91 0.00	25.06 0.71 0.00	22.93 0.62 0.00	20.92 0.59 0.00
SLEIGHT__34_KV_TB1 80719	18.91 0.50 0.00	17.03 0.40 0.00	16.89 0.33 0.00	15.21 0.28 0.00	15.17 0.33 0.00	15.18 0.36 0.00	14.68 0.27 0.00	15.50 0.32 0.00	16.92 0.35 0.00	17.94 0.39 0.00	18.73 0.40 0.00	19.00 0.46 0.00	19.40 0.57 0.00	19.93 0.54 0.00	20.29 0.65 0.00	21.96 0.74 0.00	26.25 0.91 0.00	29.88 0.95 0.00	31.44 1.03 0.00	29.14 0.85 0.00	27.08 0.94 0.00	25.15 0.80 0.00	23.02 0.71 0.00	21.00 0.67 0.00
SOUTH CAIRO___GT 23612	19.48 1.07 0.00	17.55 0.91 0.00	17.58 1.03 0.00	15.88 0.96 0.00	15.73 0.89 0.00	15.71 0.89 0.00	15.29 0.88 0.00	16.09 0.91 0.00	17.51 0.94 0.00	18.45 0.89 0.00	19.31 0.99 0.00	19.54 1.00 0.00	19.82 0.98 0.00	20.47 1.08 0.00	20.65 1.00 0.00	22.32 1.10 0.00	26.78 1.44 0.00	30.72 1.79 0.00	32.54 2.13 0.00	30.25 1.95 0.00	27.89 1.75 0.00	26.03 1.68 0.00	23.74 1.43 0.00	21.61 1.28 0.00
SOUTH HAMPTN___IC 23720	22.05 2.41 -1.23	19.15 2.20 -0.32	18.65 2.09 -0.01	16.50 1.57 -0.01	16.47 1.62 -0.01	16.28 1.45 -0.01	16.12 1.70 -0.01	16.72 1.53 -0.01	18.48 1.90 -0.01	19.81 2.25 -0.01	22.64 2.20 -2.12	27.28 2.19 -6.55	30.66 2.20 -9.62	31.67 2.40 -9.88	31.32 2.34 -9.34	32.78 2.55 -9.02	44.55 3.37 -15.84	43.33 3.90 -10.50	43.34 4.01 -8.91	37.97 3.59 -6.08	34.34 2.95 -5.25	33.56 2.80 -6.41	27.02 2.65 -2.06	23.82 2.34 -1.16
SOUTHDOW__115KV_TB1 355954	19.49 1.09 0.00	17.45 0.82 0.00	17.27 0.71 0.00	15.61 0.69 0.00	15.63 0.79 0.00	15.66 0.84 0.00	15.12 0.71 0.00	15.82 0.64 0.00	17.12 0.55 0.00	18.15 0.60 0.00	18.71 0.38 0.00	19.09 0.56 0.00	19.54 0.70 0.00	20.24 0.85 0.00	20.77 1.12 0.00	22.34 1.12 0.00	26.63 1.29 0.00	30.03 1.10 0.00	31.51 1.09 0.00	29.48 1.19 0.00	27.50 1.36 0.00	25.64 1.29 0.00	23.43 1.12 0.00	21.55 1.22 0.00
SOUTHOLD_69_KV_BK 2 55809	22.42 2.78 -1.23	19.49 2.53 -0.32	18.94 2.38 0.00	16.79 1.87 0.00	16.76 1.91 0.00	16.72 1.90 0.00	16.40 1.99 0.00	17.03 1.85 0.00	18.81 2.24 0.00	20.19 2.63 0.00	22.95 2.51 -2.12	27.74 2.65 -6.55	31.13 2.68 -9.62	32.16 2.89 -9.88	31.84 2.85 -9.34	33.40 3.16 -9.02	45.31 4.13 -15.84	44.17 4.74 -10.50	44.19 4.87 -8.91	38.74 4.36 -6.08	35.00 3.61 -5.25	34.17 3.41 -6.41	27.54 3.17 -2.06	24.33 2.85 -1.16
SOUTHOLD___IC 23719	22.44 2.80 -1.23	19.49 2.53 -0.32	18.95 2.38 -0.01	16.80 1.87 -0.01	16.76 1.92 -0.01	16.56 1.73 -0.01	16.41 1.99 -0.01	17.04 1.85 -0.01	18.81 2.24 -0.01	20.20 2.63 -0.01	23.08 2.64 -2.12	27.72 2.63 -6.55	31.13 2.67 -9.62	32.16 2.89 -9.88	31.83 2.85 -9.34	33.37 3.14 -9.02	45.31 4.13 -15.84	44.15 4.72 -10.50	44.19 4.86 -8.91	38.71 4.33 -6.08	35.00 3.61 -5.25	34.17 3.41 -6.41	27.53 3.17 -2.06	24.31 2.82 -1.16

SPIERFLS_115KV_TB1 80737	19.88 1.47 0.00	17.92 1.28 0.00	17.81 1.26 0.00	16.06 1.13 0.00	15.97 1.13 0.00	15.98 1.16 0.00	15.55 1.14 0.00	16.38 1.20 0.00	17.88 1.31 0.00	18.96 1.40 0.00	19.62 1.30 0.00	19.95 1.41 0.00	20.21 1.38 0.00	20.84 1.45 0.00	20.88 1.24 0.00	22.66 1.44 0.00	26.60 1.27 0.00	30.41 1.48 0.00	32.30 1.89 0.00	30.13 1.84 0.00	27.81 1.67 0.00	25.88 1.53 0.00	23.72 1.41 0.00	21.55 1.22 0.00
ST LAWRENCE____ 23600	17.82 -0.59 0.00	16.15 -0.48 0.00	16.09 -0.46 0.00	14.52 -0.40 0.00	14.46 -0.39 0.00	14.43 -0.39 0.00	14.05 -0.36 0.00	14.80 -0.38 0.00	16.14 -0.43 0.00	17.10 -0.46 0.00	17.74 -0.59 0.00	17.94 -0.59 0.00	18.24 -0.60 0.00	18.77 -0.62 0.00	19.04 -0.61 0.00	20.50 -0.72 0.00	24.50 -0.84 0.00	28.03 -0.90 0.00	29.47 -0.94 0.00	27.45 -0.85 0.00	25.36 -0.78 0.00	23.64 -0.71 0.00	21.64 -0.67 0.00	19.72 -0.61 0.00
STATE_CA_115KV_115_LB 55624	18.98 0.57 0.00	17.18 0.55 0.00	17.20 0.65 0.00	15.54 0.61 0.00	15.41 0.56 0.00	15.38 0.56 0.00	14.97 0.56 0.00	15.75 0.58 0.00	17.13 0.56 0.00	18.14 0.58 0.00	18.93 0.60 0.00	19.26 0.72 0.00	19.54 0.70 0.00	20.14 0.76 0.00	20.33 0.69 0.00	21.92 0.70 0.00	26.17 0.84 0.00	29.91 0.98 0.00	31.47 1.06 0.00	29.31 1.02 0.00	26.98 0.84 0.00	25.15 0.80 0.00	23.07 0.76 0.00	21.04 0.71 0.00
STATE_ST_34_KV_LOAD 55959	18.68 0.28 0.00	16.85 0.22 0.00	16.72 0.17 0.00	15.06 0.13 0.00	15.00 0.16 0.00	15.00 0.18 0.00	14.53 0.12 0.00	15.33 0.15 0.00	16.74 0.17 0.00	17.75 0.19 0.00	18.53 0.20 0.00	18.80 0.26 0.00	19.14 0.30 0.00	19.68 0.29 0.00	20.02 0.37 0.00	21.62 0.40 0.00	25.84 0.51 0.00	29.48 0.55 0.00	30.99 0.58 0.00	28.80 0.51 0.00	26.71 0.58 0.00	24.84 0.49 0.00	22.71 0.40 0.00	20.71 0.39 0.00
STATION 5_MISC_HYD 23604	18.74 0.33 0.00	16.83 0.20 0.00	16.69 0.13 0.00	15.03 0.11 0.00	15.02 0.18 0.00	15.07 0.25 0.00	14.53 0.11 0.00	15.28 0.11 0.00	16.59 0.02 0.00	17.58 0.02 0.00	18.36 0.04 0.00	18.63 0.09 0.00	18.95 0.11 0.00	19.50 0.12 0.00	19.92 0.27 0.00	21.60 0.38 0.00	25.69 0.35 0.00	29.16 0.23 0.00	30.65 0.24 0.00	28.52 0.23 0.00	26.48 0.34 0.00	24.69 0.34 0.00	22.60 0.29 0.00	20.69 0.37 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	18.70 0.29 0.00	16.83 0.20 0.00	16.69 0.13 0.00	15.03 0.10 0.00	15.00 0.16 0.00	15.03 0.21 0.00	14.53 0.12 0.00	15.28 0.11 0.00	16.65 0.08 0.00	17.63 0.07 0.00	18.36 0.04 0.00	18.65 0.11 0.00	19.05 0.21 0.00	19.56 0.17 0.00	19.96 0.31 0.00	21.58 0.36 0.00	25.79 0.46 0.00	29.31 0.38 0.00	30.84 0.43 0.00	28.66 0.37 0.00	26.61 0.47 0.00	24.76 0.41 0.00	22.67 0.36 0.00	20.71 0.39 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	18.59 0.18 0.00	16.72 0.08 0.00	16.55 0.00 0.00	14.93 0.00 0.00	14.90 0.06 0.00	14.92 0.10 0.00	14.43 0.01 0.00	15.15 -0.03 0.00	16.49 -0.08 0.00	17.47 -0.09 0.00	18.18 -0.15 0.00	18.46 -0.07 0.00	18.86 0.02 0.00	19.39 0.00 0.00	19.80 0.16 0.00	21.39 0.17 0.00	25.54 0.20 0.00	28.99 0.06 0.00	30.47 0.06 0.00	28.38 0.08 0.00	26.32 0.18 0.00	24.54 0.19 0.00	22.44 0.13 0.00	20.55 0.22 0.00
STA_56____34_KV_BUS2 355983	18.59 0.18 0.00	16.72 0.08 0.00	16.55 0.00 0.00	14.93 0.00 0.00	14.90 0.06 0.00	14.92 0.10 0.00	14.43 0.01 0.00	15.15 -0.03 0.00	16.49 -0.08 0.00	17.47 -0.09 0.00	18.18 -0.15 0.00	18.46 -0.07 0.00	18.86 0.02 0.00	19.39 0.00 0.00	19.80 0.16 0.00	21.39 0.17 0.00	25.54 0.20 0.00	28.99 0.06 0.00	30.47 0.06 0.00	28.38 0.08 0.00	26.32 0.18 0.00	24.54 0.19 0.00	22.44 0.13 0.00	20.55 0.22 0.00
STA_67____115KV_BK2 355882	18.70 0.29 0.00	16.80 0.17 0.00	16.65 0.10 0.00	15.02 0.09 0.00	14.99 0.15 0.00	15.01 0.19 0.00	14.50 0.09 0.00	15.22 0.05 0.00	16.55 -0.02 0.00	17.54 -0.02 0.00	18.23 -0.09 0.00	18.52 -0.02 0.00	18.92 0.08 0.00	19.46 0.08 0.00	19.88 0.24 0.00	21.47 0.25 0.00	25.61 0.28 0.00	29.05 0.12 0.00	30.56 0.15 0.00	28.46 0.17 0.00	26.43 0.29 0.00	24.62 0.27 0.00	22.53 0.22 0.00	20.65 0.33 0.00
STA_7____115KV_9TRANS 80674	18.81 0.40 0.00	16.90 0.27 0.00	16.74 0.18 0.00	15.09 0.16 0.00	15.08 0.24 0.00	15.09 0.27 0.00	14.58 0.17 0.00	15.30 0.12 0.00	16.65 0.08 0.00	17.65 0.09 0.00	18.34 0.02 0.00	18.63 0.09 0.00	19.05 0.21 0.00	19.60 0.21 0.00	20.02 0.37 0.00	21.62 0.40 0.00	25.82 0.48 0.00	29.28 0.35 0.00	30.81 0.40 0.00	28.69 0.40 0.00	26.64 0.50 0.00	24.81 0.46 0.00	22.71 0.40 0.00	20.79 0.47 0.00
STA_82____115KV_TB1 80780	18.70 0.29 0.00	16.82 0.18 0.00	16.65 0.10 0.00	15.02 0.09 0.00	15.00 0.16 0.00	15.01 0.19 0.00	14.51 0.10 0.00	15.22 0.05 0.00	16.55 -0.02 0.00	17.54 -0.02 0.00	18.25 -0.07 0.00	18.52 -0.02 0.00	18.92 0.08 0.00	19.46 0.08 0.00	19.88 0.24 0.00	21.47 0.25 0.00	25.64 0.30 0.00	29.07 0.14 0.00	30.56 0.15 0.00	28.46 0.17 0.00	26.43 0.29 0.00	24.64 0.29 0.00	22.56 0.25 0.00	20.65 0.33 0.00
STEEL____WIND 323596	19.01 0.61 0.00	17.03 0.40 0.00	16.85 0.30 0.00	15.24 0.31 0.00	15.21 0.37 0.00	15.29 0.47 0.00	14.71 0.30 0.00	15.42 0.24 0.00	16.60 0.03 0.00	17.59 0.04 0.00	18.32 0.00 0.00	18.63 0.09 0.00	18.93 0.09 0.00	19.58 0.19 0.00	20.08 0.43 0.00	21.75 0.53 0.00	25.77 0.43 0.00	29.16 0.23 0.00	30.56 0.15 0.00	28.55 0.25 0.00	26.58 0.44 0.00	24.84 0.49 0.00	22.69 0.38 0.00	20.94 0.61 0.00
STEPHTWN_115KV_BK_2 55603	19.07 0.66 0.00	17.25 0.62 0.00	17.27 0.71 0.00	15.60 0.67 0.00	15.46 0.62 0.00	15.44 0.62 0.00	15.03 0.62 0.00	15.82 0.64 0.00	17.22 0.65 0.00	18.21 0.65 0.00	19.00 0.68 0.00	19.33 0.80 0.00	19.61 0.77 0.00	20.22 0.83 0.00	20.41 0.77 0.00	22.00 0.79 0.00	26.30 0.96 0.00	30.09 1.16 0.00	31.63 1.22 0.00	29.45 1.16 0.00	27.13 0.99 0.00	25.27 0.93 0.00	23.18 0.87 0.00	21.12 0.79 0.00
STEBEN_REC_LFGE 323667	19.24 0.83 0.00	17.28 0.65 0.00	17.08 0.53 0.00	15.43 0.51 0.00	15.42 0.58 0.00	15.47 0.65 0.00	14.94 0.53 0.00	15.68 0.50 0.00	16.98 0.41 0.00	18.00 0.44 0.00	18.62 0.29 0.00	18.98 0.44 0.00	19.42 0.58 0.00	20.05 0.66 0.00	20.51 0.86 0.00	22.19 0.98 0.00	26.50 1.17 0.00	30.03 1.10 0.00	31.60 1.19 0.00	29.45 1.16 0.00	27.50 1.36 0.00	25.52 1.17 0.00	23.34 1.03 0.00	21.40 1.08 0.00
STONY____BROOK 24151	21.65 2.01 -1.23	18.74 1.78 -0.32	18.27 1.71 -0.01	16.31 1.37 -0.01	16.21 1.36 -0.01	16.09 1.26 -0.01	15.85 1.43 -0.01	16.55 1.37 -0.01	18.22 1.64 -0.01	19.45 1.88 -0.01	22.36 1.92 -2.12	27.05 1.96 -6.55	30.42 1.96 -9.62	31.42 2.15 -9.88	31.07 2.08 -9.34	32.48 2.25 -9.02	44.14 2.96 -15.84	42.84 3.41 -10.50	42.82 3.50 -8.91	37.52 3.14 -6.08	33.98 2.59 -5.25	33.25 2.48 -6.41	26.78 2.41 -2.06	23.58 2.09 -1.16

STURGEON_POOL_HYD 23609	19.44 1.03 0.00	17.50 0.86 0.00	17.35 0.79 0.00	15.61 0.69 0.00	15.46 0.62 0.00	15.41 0.59 0.00	15.09 0.68 0.00	15.91 0.73 0.00	17.43 0.86 0.00	18.47 0.91 0.00	19.33 1.01 0.00	19.74 1.20 0.00	19.99 1.15 0.00	20.69 1.30 0.00	20.92 1.28 0.00	22.62 1.40 0.00	27.11 1.77 0.00	31.01 2.08 0.00	32.57 2.16 0.00	30.22 1.92 0.00	27.71 1.57 0.00	25.93 1.58 0.00	23.76 1.45 0.00	21.59 1.26 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	19.35 0.94 0.00	17.45 0.82 0.00	17.30 0.74 0.00	15.58 0.66 0.00	15.45 0.61 0.00	15.41 0.59 0.00	15.07 0.66 0.00	15.91 0.73 0.00	17.41 0.85 0.00	18.47 0.91 0.00	19.31 0.99 0.00	19.72 1.19 0.00	19.97 1.13 0.00	20.67 1.28 0.00	20.90 1.26 0.00	22.60 1.38 0.00	27.01 1.67 0.00	30.87 1.94 0.00	32.39 1.98 0.00	30.08 1.78 0.00	27.63 1.49 0.00	25.81 1.46 0.00	23.65 1.34 0.00	21.48 1.16 0.00
SWANROAD_115KV_TB1 355699	18.65 0.24 0.00	16.72 0.08 0.00	16.54 -0.02 0.00	14.97 0.04 0.00	14.96 0.12 0.00	14.98 0.16 0.00	14.40 -0.01 0.00	14.95 -0.23 0.00	16.14 -0.43 0.00	17.10 -0.46 0.00	17.68 -0.64 0.00	17.98 -0.56 0.00	18.39 -0.45 0.00	19.00 -0.39 0.00	19.47 -0.18 0.00	20.96 -0.25 0.00	25.01 -0.33 0.00	28.21 -0.72 0.00	29.62 -0.79 0.00	27.70 -0.59 0.00	25.80 -0.34 0.00	24.08 -0.27 0.00	22.04 -0.27 0.00	20.37 0.04 0.00
SYNERGY___BIOGAS 323694	19.11 0.70 0.00	17.12 0.48 0.00	16.94 0.38 0.00	15.30 0.37 0.00	15.24 0.40 0.00	15.34 0.52 0.00	14.76 0.35 0.00	15.47 0.29 0.00	16.65 0.08 0.00	17.61 0.05 0.00	18.36 0.04 0.00	18.67 0.13 0.00	18.99 0.15 0.00	19.58 0.19 0.00	20.06 0.41 0.00	21.79 0.57 0.00	25.87 0.53 0.00	29.33 0.40 0.00	30.87 0.46 0.00	28.80 0.51 0.00	26.79 0.65 0.00	25.01 0.66 0.00	22.87 0.56 0.00	21.04 0.71 0.00
SYRACUSE___ENERGY_ST1 323597	18.52 0.11 0.00	16.70 0.07 0.00	16.59 0.03 0.00	14.96 0.03 0.00	14.89 0.04 0.00	14.88 0.06 0.00	14.43 0.01 0.00	15.21 0.03 0.00	16.60 0.03 0.00	17.59 0.04 0.00	18.36 0.04 0.00	18.61 0.07 0.00	18.95 0.11 0.00	19.46 0.08 0.00	19.76 0.12 0.00	21.39 0.17 0.00	25.54 0.20 0.00	29.07 0.14 0.00	30.56 0.15 0.00	28.41 0.11 0.00	26.32 0.18 0.00	24.47 0.12 0.00	22.44 0.13 0.00	20.45 0.12 0.00
SYRACUSE___ENERGY_ST2 323598	18.52 0.11 0.00	16.70 0.07 0.00	16.59 0.03 0.00	14.96 0.03 0.00	14.89 0.04 0.00	14.88 0.06 0.00	14.43 0.01 0.00	15.21 0.03 0.00	16.60 0.03 0.00	17.59 0.04 0.00	18.36 0.04 0.00	18.61 0.07 0.00	18.95 0.11 0.00	19.46 0.08 0.00	19.76 0.12 0.00	21.39 0.17 0.00	25.54 0.20 0.00	29.07 0.14 0.00	30.56 0.15 0.00	28.41 0.11 0.00	26.32 0.18 0.00	24.47 0.12 0.00	22.44 0.13 0.00	20.45 0.12 0.00
SYRACUSE___POWER 24017	18.48 0.07 0.00	16.67 0.03 0.00	16.55 0.00 0.00	14.93 0.00 0.00	14.86 0.01 0.00	14.83 0.01 0.00	14.40 -0.01 0.00	15.18 0.00 0.00	16.55 -0.02 0.00	17.54 -0.02 0.00	18.31 -0.02 0.00	18.56 0.02 0.00	18.90 0.06 0.00	19.43 0.04 0.00	19.72 0.08 0.00	21.32 0.11 0.00	25.46 0.13 0.00	29.02 0.09 0.00	30.50 0.09 0.00	28.35 0.06 0.00	26.30 0.16 0.00	24.45 0.10 0.00	22.40 0.09 0.00	20.41 0.08 0.00
TALLMAN___138KV_BK151 55660	19.48 1.07 0.00	17.55 0.91 0.00	17.40 0.84 0.00	15.67 0.75 0.00	15.52 0.68 0.00	15.49 0.67 0.00	15.17 0.76 0.00	16.01 0.83 0.00	17.53 0.96 0.00	18.61 1.05 0.00	19.46 1.14 0.00	19.89 1.35 0.00	20.16 1.32 0.00	20.86 1.47 0.00	21.10 1.45 0.00	22.81 1.59 0.00	27.29 1.95 0.00	31.13 2.20 0.00	32.63 2.22 0.00	30.33 2.04 0.00	27.81 1.67 0.00	25.98 1.63 0.00	23.83 1.52 0.00	21.65 1.32 0.00
TEALLAVE_115KV_TB7 355573	18.44 0.04 0.00	16.63 0.00 0.00	16.52 -0.03 0.00	14.90 -0.03 0.00	14.83 -0.01 0.00	14.80 -0.01 0.00	14.37 -0.04 0.00	15.13 -0.05 0.00	16.52 -0.05 0.00	17.51 -0.05 0.00	18.27 -0.05 0.00	18.52 -0.02 0.00	18.86 0.02 0.00	19.37 -0.02 0.00	19.66 0.02 0.00	21.26 0.04 0.00	25.39 0.05 0.00	28.93 0.00 0.00	30.41 0.00 0.00	28.27 -0.03 0.00	26.19 0.05 0.00	24.35 0.00 0.00	22.31 0.00 0.00	20.35 0.02 0.00
TELGRAPH_34_KV_EAST 80808	18.94 0.53 0.00	16.98 0.35 0.00	16.80 0.25 0.00	15.18 0.25 0.00	15.18 0.34 0.00	15.21 0.39 0.00	14.64 0.23 0.00	15.25 0.08 0.00	16.49 -0.08 0.00	17.45 -0.11 0.00	18.07 -0.26 0.00	18.37 -0.17 0.00	18.82 -0.02 0.00	19.41 0.02 0.00	19.90 0.26 0.00	21.43 0.21 0.00	25.59 0.25 0.00	28.93 0.00 0.00	30.38 -0.03 0.00	28.41 0.11 0.00	26.45 0.31 0.00	24.67 0.32 0.00	22.58 0.27 0.00	20.81 0.49 0.00
TEMPLE___115KV_TB 2 55572	18.44 0.04 0.00	16.63 0.00 0.00	16.52 -0.03 0.00	14.90 -0.03 0.00	14.83 -0.01 0.00	14.82 0.00 0.00	14.38 -0.03 0.00	15.15 -0.03 0.00	16.52 -0.05 0.00	17.52 -0.04 0.00	18.27 -0.05 0.00	18.52 -0.02 0.00	18.88 0.04 0.00	19.39 0.00 0.00	19.68 0.04 0.00	21.28 0.06 0.00	25.41 0.08 0.00	28.96 0.03 0.00	30.41 0.00 0.00	28.27 -0.03 0.00	26.22 0.08 0.00	24.37 0.02 0.00	22.33 0.02 0.00	20.37 0.04 0.00
TIANA___69_KV_BK 1 55817	21.92 2.28 -1.23	19.05 2.10 -0.32	18.56 2.00 0.00	16.42 1.49 0.00	16.39 1.54 0.00	16.36 1.54 0.00	16.04 1.63 0.00	16.65 1.47 0.00	18.39 1.82 0.00	19.70 2.14 0.00	22.38 1.94 -2.12	27.18 2.09 -6.55	30.55 2.09 -9.62	31.54 2.27 -9.88	31.19 2.20 -9.34	32.68 2.44 -9.02	44.37 3.19 -15.84	43.13 3.70 -10.50	43.13 3.80 -8.91	37.77 3.40 -6.08	34.19 2.80 -5.25	33.42 2.65 -6.41	26.89 2.52 -2.06	23.70 2.22 -1.16
TILDEN___115KV_TB1 80814	18.48 0.07 0.00	16.67 0.03 0.00	16.55 0.00 0.00	14.93 0.00 0.00	14.86 0.01 0.00	14.83 0.01 0.00	14.40 -0.01 0.00	15.18 0.00 0.00	16.55 -0.02 0.00	17.54 -0.02 0.00	18.31 -0.02 0.00	18.56 0.02 0.00	18.90 0.06 0.00	19.43 0.04 0.00	19.72 0.08 0.00	21.32 0.11 0.00	25.46 0.13 0.00	29.02 0.09 0.00	30.50 0.09 0.00	28.35 0.06 0.00	26.30 0.16 0.00	24.45 0.10 0.00	22.40 0.09 0.00	20.41 0.08 0.00
TRIGEN___CC 323695	21.09 1.45 -1.23	18.24 1.28 -0.32	17.83 1.27 0.00	16.05 1.12 0.00	15.91 1.07 0.00	15.87 1.05 0.00	15.54 1.12 0.00	16.39 1.21 0.00	17.95 1.38 0.00	19.03 1.47 0.00	21.92 1.48 -2.12	26.80 1.71 -6.55	30.10 1.64 -9.62	31.07 1.80 -9.88	30.77 1.79 -9.34	32.15 1.91 -9.02	43.58 2.41 -15.84	42.21 2.78 -10.50	42.12 2.80 -8.91	36.93 2.55 -6.08	33.48 2.09 -5.25	32.81 2.05 -6.41	26.35 1.99 -2.06	23.24 1.75 -1.16
TRINITY___115KV___ 4 BK 55933	18.92 0.52 0.00	17.13 0.50 0.00	17.15 0.60 0.00	15.49 0.57 0.00	15.36 0.52 0.00	15.34 0.52 0.00	14.93 0.52 0.00	15.71 0.53 0.00	17.08 0.51 0.00	18.07 0.51 0.00	18.86 0.53 0.00	19.19 0.65 0.00	19.46 0.62 0.00	20.07 0.68 0.00	20.25 0.61 0.00	21.83 0.62 0.00	26.05 0.71 0.00	29.80 0.87 0.00	31.35 0.94 0.00	29.17 0.88 0.00	26.87 0.73 0.00	25.06 0.71 0.00	22.98 0.67 0.00	20.96 0.63 0.00

UNION___PROCESSING_DRP 323587	18.70 0.29 0.00	16.82 0.18 0.00	16.67 0.12 0.00	15.03 0.10 0.00	15.00 0.16 0.00	15.01 0.19 0.00	14.51 0.10 0.00	15.24 0.06 0.00	16.55 -0.02 0.00	17.54 -0.02 0.00	18.25 -0.07 0.00	18.52 -0.02 0.00	18.93 0.09 0.00	19.46 0.08 0.00	19.88 0.24 0.00	21.47 0.25 0.00	25.64 0.30 0.00	29.07 0.14 0.00	30.59 0.18 0.00	28.49 0.20 0.00	26.45 0.31 0.00	24.64 0.29 0.00	22.56 0.25 0.00	20.67 0.35 0.00
UPPER HUDSON___HYD 24058	19.90 1.49 0.00	17.92 1.28 0.00	17.81 1.26 0.00	16.06 1.13 0.00	15.97 1.13 0.00	15.96 1.14 0.00	15.55 1.14 0.00	16.36 1.18 0.00	17.88 1.31 0.00	18.96 1.41 0.00	19.72 1.39 0.00	19.93 1.39 0.00	20.21 1.37 0.00	20.84 1.45 0.00	20.88 1.24 0.00	22.64 1.42 0.00	26.60 1.27 0.00	30.40 1.47 0.00	32.30 1.89 0.00	30.13 1.84 0.00	27.81 1.67 0.00	25.88 1.53 0.00	23.72 1.41 0.00	21.52 1.20 0.00
UPPER RAQUET___HYD 24056	17.71 -0.70 0.00	16.00 -0.63 0.00	15.97 -0.58 0.00	14.42 -0.51 0.00	14.37 -0.48 0.00	14.33 -0.49 0.00	13.94 -0.48 0.00	14.68 -0.50 0.00	16.02 -0.55 0.00	16.98 -0.58 0.00	17.61 -0.71 0.00	17.81 -0.72 0.00	18.12 -0.72 0.00	18.59 -0.80 0.00	18.90 -0.75 0.00	20.35 -0.87 0.00	24.32 -1.01 0.00	27.92 -1.01 0.00	29.38 -1.03 0.00	27.39 -0.91 0.00	25.51 -0.63 0.00	23.84 -0.51 0.00	21.78 -0.54 0.00	19.82 -0.51 0.00
VALLEY44_115KV_TB2 355964	18.85 0.44 0.00	16.92 0.28 0.00	16.74 0.18 0.00	15.14 0.21 0.00	15.11 0.27 0.00	15.16 0.34 0.00	14.66 0.24 0.00	15.31 0.14 0.00	16.60 0.03 0.00	17.59 0.04 0.00	18.14 -0.18 0.00	18.54 0.00 0.00	18.93 0.09 0.00	19.58 0.19 0.00	20.08 0.43 0.00	21.66 0.45 0.00	25.79 0.46 0.00	29.02 0.09 0.00	30.44 0.03 0.00	28.44 0.14 0.00	26.56 0.42 0.00	24.74 0.39 0.00	22.58 0.27 0.00	20.83 0.51 0.00
VALLEY___115KV_TB 1-4 80826	18.48 0.07 0.00	16.68 0.05 0.00	16.64 0.08 0.00	15.00 0.07 0.00	14.90 0.06 0.00	14.86 0.04 0.00	14.45 0.04 0.00	15.21 0.03 0.00	16.64 0.07 0.00	17.65 0.09 0.00	18.42 0.09 0.00	18.65 0.11 0.00	18.97 0.13 0.00	19.50 0.12 0.00	19.76 0.12 0.00	21.39 0.17 0.00	25.51 0.18 0.00	29.16 0.23 0.00	30.68 0.27 0.00	28.58 0.28 0.00	26.45 0.31 0.00	24.62 0.27 0.00	22.53 0.22 0.00	20.55 0.22 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	19.14 0.74 0.00	17.25 0.62 0.00	17.18 0.63 0.00	15.48 0.55 0.00	15.38 0.53 0.00	15.35 0.53 0.00	14.92 0.50 0.00	15.72 0.55 0.00	17.20 0.63 0.00	18.23 0.67 0.00	19.00 0.68 0.00	19.32 0.78 0.00	19.65 0.81 0.00	20.24 0.85 0.00	20.51 0.86 0.00	22.19 0.98 0.00	26.50 1.17 0.00	30.26 1.33 0.00	31.78 1.37 0.00	29.62 1.33 0.00	27.42 1.28 0.00	25.47 1.12 0.00	23.31 1.00 0.00	21.22 0.89 0.00
VISCHER___FERRY HYD 24020	19.27 0.87 0.00	17.40 0.77 0.00	17.33 0.78 0.00	15.61 0.69 0.00	15.51 0.67 0.00	15.47 0.65 0.00	15.09 0.68 0.00	15.86 0.68 0.00	17.33 0.76 0.00	18.33 0.77 0.00	19.20 0.88 0.00	19.43 0.89 0.00	19.74 0.90 0.00	20.34 0.95 0.00	20.51 0.86 0.00	22.13 0.91 0.00	26.40 1.06 0.00	30.20 1.27 0.00	31.81 1.40 0.00	29.65 1.36 0.00	27.32 1.18 0.00	25.45 1.10 0.00	23.34 1.03 0.00	21.24 0.92 0.00
V_A_10_SYNC_DSASP 323832	18.63 0.22 0.00	16.72 0.08 0.00	16.55 0.00 0.00	14.96 0.03 0.00	14.95 0.10 0.00	14.95 0.13 0.00	14.44 0.03 0.00	15.13 -0.05 0.00	16.37 -0.20 0.00	17.36 -0.19 0.00	17.99 -0.33 0.00	18.28 -0.26 0.00	18.69 -0.15 0.00	19.27 -0.12 0.00	19.70 0.06 0.00	21.24 0.02 0.00	25.34 0.00 0.00	28.64 -0.29 0.00	30.08 -0.33 0.00	28.10 -0.20 0.00	26.11 -0.03 0.00	24.35 0.00 0.00	22.29 -0.02 0.00	20.51 0.18 0.00
V_CMM_10_SYNC_DSASP 323787	17.89 -0.52 0.00	16.20 -0.43 0.00	16.14 -0.41 0.00	14.57 -0.36 0.00	14.50 -0.34 0.00	14.48 -0.34 0.00	14.09 -0.32 0.00	14.86 -0.32 0.00	16.21 -0.36 0.00	17.17 -0.39 0.00	17.81 -0.51 0.00	18.02 -0.52 0.00	18.31 -0.53 0.00	18.82 -0.56 0.00	19.10 -0.55 0.00	20.56 -0.66 0.00	24.60 -0.74 0.00	28.12 -0.81 0.00	29.59 -0.82 0.00	27.53 -0.76 0.00	25.46 -0.68 0.00	23.72 -0.63 0.00	21.71 -0.60 0.00	19.78 -0.55 0.00
V_CMP_10_SYNC_DSASP 323788	18.32 -0.09 0.00	16.55 -0.08 0.00	16.50 -0.05 0.00	14.91 -0.01 0.00	14.87 0.03 0.00	14.83 0.01 0.00	14.44 0.03 0.00	15.22 0.05 0.00	16.62 0.05 0.00	17.65 0.09 0.00	18.31 -0.02 0.00	18.52 -0.02 0.00	18.82 -0.02 0.00	19.33 -0.06 0.00	19.66 0.02 0.00	21.13 -0.08 0.00	25.29 -0.05 0.00	29.05 0.12 0.00	30.53 0.12 0.00	28.44 0.14 0.00	26.27 0.13 0.00	24.47 0.12 0.00	22.31 0.00 0.00	20.35 0.02 0.00
V_E_10_SYNC_DSASP 323830	19.72 1.31 0.00	17.75 1.11 0.00	17.70 1.14 0.00	15.96 1.03 0.00	15.88 1.04 0.00	15.84 1.02 0.00	15.32 0.91 0.00	16.09 0.91 0.00	17.53 0.96 0.00	18.51 0.95 0.00	19.29 0.97 0.00	19.56 1.02 0.00	19.97 1.13 0.00	20.43 1.05 0.00	20.78 1.14 0.00	22.68 1.46 0.00	27.11 1.77 0.00	31.10 2.17 0.00	32.87 2.46 0.00	30.81 2.52 0.00	28.96 2.82 0.00	26.59 2.24 0.00	24.27 1.96 0.00	22.12 1.79 0.00
V_F_30_NSYNC___DSASP 323816	19.62 1.21 0.00	17.68 1.05 0.00	17.60 1.04 0.00	15.87 0.94 0.00	15.76 0.92 0.00	15.75 0.93 0.00	15.35 0.94 0.00	16.13 0.96 0.00	17.63 1.06 0.00	18.66 1.11 0.00	19.51 1.19 0.00	19.74 1.20 0.00	20.05 1.21 0.00	20.67 1.28 0.00	20.80 1.16 0.00	22.51 1.29 0.00	26.75 1.42 0.00	30.61 1.68 0.00	32.30 1.89 0.00	30.13 1.84 0.00	27.76 1.62 0.00	25.88 1.53 0.00	23.72 1.41 0.00	21.57 1.24 0.00
V_F_30_SYNC_DSASP 323786	18.98 0.57 0.00	17.18 0.55 0.00	17.20 0.65 0.00	15.54 0.61 0.00	15.41 0.56 0.00	15.38 0.56 0.00	14.97 0.56 0.00	15.75 0.58 0.00	17.13 0.56 0.00	18.14 0.58 0.00	18.93 0.60 0.00	19.26 0.72 0.00	19.54 0.70 0.00	20.14 0.76 0.00	20.33 0.69 0.00	21.92 0.70 0.00	26.17 0.84 0.00	29.91 0.98 0.00	31.47 1.06 0.00	29.31 1.02 0.00	26.98 0.84 0.00	25.15 0.80 0.00	23.07 0.76 0.00	21.04 0.71 0.00
V_XM_10_SYNC_DSASP 323789	18.32 -0.09 0.00	16.55 -0.08 0.00	16.50 -0.05 0.00	14.91 -0.01 0.00	14.87 0.03 0.00	14.83 0.01 0.00	14.44 0.03 0.00	15.22 0.05 0.00	16.62 0.05 0.00	17.65 0.09 0.00	18.31 -0.02 0.00	18.52 -0.02 0.00	18.82 -0.02 0.00	19.33 -0.06 0.00	19.66 0.02 0.00	21.13 -0.08 0.00	25.29 -0.05 0.00	29.05 0.12 0.00	30.53 0.12 0.00	28.44 0.14 0.00	26.27 0.13 0.00	24.47 0.12 0.00	22.31 0.00 0.00	20.35 0.02 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	19.53 1.12 0.00	17.60 0.96 0.00	17.45 0.89 0.00	15.72 0.79 0.00	15.57 0.73 0.00	15.55 0.73 0.00	15.22 0.81 0.00	16.06 0.88 0.00	17.60 1.03 0.00	18.66 1.11 0.00	19.53 1.21 0.00	19.96 1.43 0.00	20.21 1.38 0.00	20.92 1.53 0.00	21.18 1.53 0.00	22.87 1.66 0.00	27.39 2.05 0.00	31.27 2.34 0.00	32.78 2.37 0.00	30.45 2.15 0.00	27.92 1.78 0.00	26.08 1.73 0.00	23.92 1.61 0.00	21.73 1.40 0.00

W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	19.68 1.27 0.00	17.72 1.08 0.00	17.56 1.01 0.00	15.82 0.90 0.00	15.67 0.83 0.00	15.63 0.82 0.00	15.32 0.91 0.00	16.16 0.99 0.00	17.70 1.13 0.00	18.79 1.23 0.00	19.68 1.36 0.00	20.13 1.59 0.00	20.37 1.53 0.00	21.11 1.73 0.00	21.35 1.71 0.00	23.04 1.82 0.00	27.62 2.28 0.00	31.56 2.63 0.00	33.03 2.62 0.00	30.70 2.41 0.00	28.05 1.91 0.00	26.22 1.87 0.00	24.10 1.78 0.00	21.89 1.57 0.00
W50THST__13_KV_LOAD 356117	19.75 1.34 0.00	17.80 1.16 0.00	17.63 1.08 0.00	15.88 0.96 0.00	15.73 0.89 0.00	15.69 0.87 0.00	15.39 0.98 0.00	16.24 1.06 0.00	17.78 1.21 0.00	18.87 1.32 0.00	19.77 1.45 0.00	20.22 1.69 0.00	20.46 1.62 0.00	21.21 1.82 0.00	21.45 1.81 0.00	23.17 1.95 0.00	27.74 2.41 0.00	31.71 2.78 0.00	33.18 2.77 0.00	30.87 2.57 0.00	28.18 2.04 0.00	26.35 2.00 0.00	24.21 1.90 0.00	21.99 1.67 0.00
WADING RIVER_IC_1 23522	21.72 2.08 -1.23	18.87 1.91 -0.32	18.38 1.82 -0.01	16.22 1.28 -0.01	16.20 1.35 -0.01	16.00 1.17 -0.01	15.87 1.45 -0.01	16.40 1.21 -0.01	18.18 1.61 -0.01	19.45 1.88 -0.01	22.18 1.74 -2.12	26.79 1.70 -6.55	30.15 1.70 -9.62	31.15 1.88 -9.88	30.79 1.81 -9.34	32.19 1.95 -9.02	43.81 2.63 -15.84	42.49 3.07 -10.50	42.49 3.16 -8.91	37.18 2.80 -6.08	33.66 2.27 -5.25	32.93 2.17 -6.41	26.49 2.12 -2.06	23.34 1.85 -1.16
WADING RIVER_IC_2 23547	21.72 2.08 -1.23	18.87 1.91 -0.32	18.38 1.82 -0.01	16.22 1.28 -0.01	16.20 1.35 -0.01	16.00 1.17 -0.01	15.87 1.45 -0.01	16.40 1.21 -0.01	18.18 1.61 -0.01	19.45 1.88 -0.01	22.18 1.74 -2.12	26.79 1.70 -6.55	30.15 1.70 -9.62	31.15 1.88 -9.88	30.79 1.81 -9.34	32.19 1.95 -9.02	43.81 2.63 -15.84	42.49 3.07 -10.50	42.49 3.16 -8.91	37.18 2.80 -6.08	33.66 2.27 -5.25	32.93 2.17 -6.41	26.49 2.12 -2.06	23.34 1.85 -1.16
WADING RIVER_IC_3 23601	21.72 2.08 -1.23	18.87 1.91 -0.32	18.38 1.82 -0.01	16.22 1.28 -0.01	16.20 1.35 -0.01	16.00 1.17 -0.01	15.87 1.45 -0.01	16.40 1.21 -0.01	18.18 1.61 -0.01	19.45 1.88 -0.01	22.18 1.74 -2.12	26.79 1.70 -6.55	30.15 1.70 -9.62	31.15 1.88 -9.88	30.79 1.81 -9.34	32.19 1.95 -9.02	43.81 2.63 -15.84	42.49 3.07 -10.50	42.49 3.16 -8.91	37.18 2.80 -6.08	33.66 2.27 -5.25	32.93 2.17 -6.41	26.49 2.12 -2.06	23.34 1.85 -1.16
WALDENNY_12_KV_BK2 80841	19.02 0.61 0.00	17.03 0.40 0.00	16.85 0.30 0.00	15.24 0.31 0.00	15.24 0.40 0.00	15.25 0.43 0.00	14.70 0.29 0.00	15.34 0.17 0.00	16.57 0.00 0.00	17.58 0.02 0.00	18.16 -0.16 0.00	18.48 -0.06 0.00	18.92 0.08 0.00	19.58 0.19 0.00	20.08 0.43 0.00	21.62 0.40 0.00	25.77 0.43 0.00	29.07 0.14 0.00	30.50 0.09 0.00	28.55 0.25 0.00	26.58 0.44 0.00	24.79 0.44 0.00	22.69 0.38 0.00	20.94 0.61 0.00
WALDEN__HYDRO 24148	19.51 1.10 0.00	17.55 0.91 0.00	17.40 0.84 0.00	15.67 0.75 0.00	15.52 0.68 0.00	15.47 0.65 0.00	15.15 0.73 0.00	15.97 0.79 0.00	17.48 0.91 0.00	18.51 0.95 0.00	19.46 1.14 0.00	19.72 1.19 0.00	20.01 1.17 0.00	20.71 1.32 0.00	20.94 1.30 0.00	22.62 1.40 0.00	27.14 1.80 0.00	31.01 2.08 0.00	32.66 2.25 0.00	30.33 2.04 0.00	27.86 1.72 0.00	26.03 1.68 0.00	23.85 1.54 0.00	21.65 1.32 0.00
WARRENSBURG____ 23737	19.90 1.49 0.00	17.92 1.28 0.00	17.81 1.26 0.00	16.06 1.13 0.00	15.97 1.13 0.00	15.96 1.14 0.00	15.55 1.14 0.00	16.36 1.18 0.00	17.88 1.31 0.00	18.96 1.41 0.00	19.72 1.39 0.00	19.93 1.39 0.00	20.21 1.37 0.00	20.84 1.45 0.00	20.88 1.24 0.00	22.64 1.42 0.00	26.60 1.27 0.00	30.40 1.47 0.00	32.30 1.89 0.00	30.13 1.84 0.00	27.81 1.67 0.00	25.88 1.53 0.00	23.72 1.41 0.00	21.52 1.20 0.00
WATERSIDE____6 8 9 23538	19.73 1.33 0.00	17.78 1.15 0.00	17.61 1.06 0.00	15.87 0.94 0.00	15.72 0.88 0.00	15.66 0.84 0.00	15.36 0.95 0.00	16.21 1.03 0.00	17.68 1.11 0.00	18.77 1.21 0.00	19.68 1.36 0.00	20.17 1.63 0.00	20.35 1.51 0.00	21.15 1.76 0.00	21.39 1.75 0.00	23.11 1.89 0.00	27.67 2.33 0.00	31.62 2.69 0.00	33.09 2.68 0.00	30.78 2.49 0.00	28.05 1.91 0.00	26.30 1.95 0.00	24.16 1.85 0.00	21.93 1.61 0.00
WATKINRD_115KV_LN8_ILLION 55919	18.50 0.09 0.00	16.72 0.08 0.00	16.65 0.10 0.00	15.00 0.07 0.00	14.92 0.07 0.00	14.88 0.06 0.00	14.47 0.06 0.00	15.22 0.05 0.00	16.64 0.07 0.00	17.63 0.07 0.00	18.40 0.07 0.00	18.65 0.11 0.00	18.95 0.11 0.00	19.50 0.12 0.00	19.74 0.10 0.00	21.37 0.15 0.00	25.49 0.15 0.00	29.13 0.20 0.00	30.65 0.24 0.00	28.55 0.25 0.00	26.40 0.26 0.00	24.57 0.22 0.00	22.51 0.20 0.00	20.51 0.18 0.00
WATSON____69_KV_BK 1 55734	21.76 2.12 -1.23	18.84 1.88 -0.32	18.36 1.80 0.00	16.42 1.49 0.00	16.33 1.48 0.00	16.27 1.45 0.00	15.94 1.53 0.00	16.68 1.50 0.00	18.31 1.74 0.00	19.56 2.00 0.00	22.38 1.94 -2.12	27.24 2.15 -6.55	30.59 2.13 -9.62	31.59 2.33 -9.88	31.27 2.28 -9.34	32.72 2.48 -9.02	44.40 3.22 -15.84	43.16 3.73 -10.50	43.13 3.80 -8.91	37.83 3.45 -6.08	34.27 2.88 -5.25	33.51 2.75 -6.41	27.02 2.66 -2.06	23.83 2.34 -1.16
WDELAWARE__HYD 323627	19.00 0.59 0.00	17.08 0.45 0.00	16.94 0.38 0.00	15.24 0.31 0.00	15.09 0.25 0.00	15.04 0.22 0.00	14.71 0.30 0.00	15.53 0.35 0.00	17.00 0.43 0.00	18.00 0.44 0.00	18.93 0.60 0.00	19.19 0.65 0.00	19.46 0.62 0.00	20.14 0.76 0.00	20.37 0.73 0.00	22.05 0.83 0.00	26.45 1.11 0.00	30.29 1.36 0.00	31.93 1.52 0.00	29.62 1.33 0.00	27.24 1.10 0.00	25.42 1.07 0.00	23.27 0.96 0.00	21.12 0.79 0.00
WEST BABYLON__IC 23714	21.61 1.97 -1.23	18.70 1.75 -0.32	18.24 1.69 0.00	16.36 1.43 0.00	16.24 1.40 0.00	16.18 1.36 0.00	15.85 1.44 0.00	16.63 1.46 0.00	18.24 1.67 0.00	19.44 1.88 0.00	22.31 1.87 -2.12	27.17 2.08 -6.55	30.51 2.05 -9.62	31.50 2.23 -9.88	31.19 2.20 -9.34	32.63 2.40 -9.02	44.24 3.07 -15.84	42.99 3.56 -10.50	42.97 3.65 -8.91	37.69 3.31 -6.08	34.16 2.77 -5.25	33.42 2.65 -6.41	26.93 2.57 -2.06	23.76 2.28 -1.16
WEST CANADA__HYD 24049	18.50 0.09 0.00	16.70 0.07 0.00	16.64 0.08 0.00	15.00 0.08 0.00	14.90 0.06 0.00	14.88 0.06 0.00	14.47 0.06 0.00	15.24 0.06 0.00	16.64 0.07 0.00	17.63 0.07 0.00	18.42 0.09 0.00	18.63 0.09 0.00	18.93 0.09 0.00	19.48 0.10 0.00	19.74 0.10 0.00	21.33 0.11 0.00	25.46 0.13 0.00	29.08 0.15 0.00	30.56 0.15 0.00	28.47 0.17 0.00	26.30 0.16 0.00	24.47 0.12 0.00	22.42 0.11 0.00	20.43 0.10 0.00
WESTERN_NY_WIND 24143	19.09 0.68 0.00	17.12 0.48 0.00	16.94 0.38 0.00	15.28 0.36 0.00	15.24 0.40 0.00	15.32 0.50 0.00	14.74 0.33 0.00	15.45 0.27 0.00	16.64 0.07 0.00	17.59 0.04 0.00	18.34 0.02 0.00	18.65 0.11 0.00	18.97 0.13 0.00	19.56 0.17 0.00	20.04 0.39 0.00	21.77 0.55 0.00	25.84 0.51 0.00	29.31 0.38 0.00	30.80 0.39 0.00	28.75 0.45 0.00	26.77 0.63 0.00	24.98 0.63 0.00	22.85 0.53 0.00	21.02 0.69 0.00

WESTOVER___LESR 323668	18.87 0.46 0.00	17.00 0.37 0.00	16.87 0.31 0.00	15.23 0.30 0.00	15.15 0.31 0.00	15.15 0.33 0.00	14.70 0.29 0.00	15.47 0.29 0.00	16.85 0.28 0.00	17.86 0.30 0.00	18.58 0.26 0.00	18.91 0.37 0.00	19.25 0.41 0.00	19.83 0.45 0.00	20.16 0.51 0.00	21.81 0.59 0.00	26.05 0.71 0.00	29.60 0.67 0.00	31.11 0.70 0.00	28.95 0.65 0.00	26.84 0.71 0.00	24.98 0.63 0.00	22.87 0.56 0.00	20.87 0.55 0.00
WETHRSFD_WT_PWR 323626	18.91 0.50 0.00	16.97 0.33 0.00	16.80 0.25 0.00	15.18 0.25 0.00	15.15 0.31 0.00	15.23 0.41 0.00	14.67 0.26 0.00	15.41 0.23 0.00	16.62 0.05 0.00	17.61 0.05 0.00	18.38 0.06 0.00	18.65 0.11 0.00	18.95 0.11 0.00	19.58 0.19 0.00	20.06 0.41 0.00	21.75 0.53 0.00	25.82 0.48 0.00	29.22 0.29 0.00	30.68 0.27 0.00	28.61 0.31 0.00	26.66 0.52 0.00	24.84 0.49 0.00	22.71 0.40 0.00	20.89 0.57 0.00
WHAVSTOR_138KV_BK127 55557	19.46 1.05 0.00	17.53 0.90 0.00	17.38 0.83 0.00	15.66 0.73 0.00	15.52 0.68 0.00	15.49 0.67 0.00	15.16 0.75 0.00	16.00 0.82 0.00	17.51 0.94 0.00	18.59 1.04 0.00	19.44 1.12 0.00	19.87 1.33 0.00	20.14 1.30 0.00	20.84 1.45 0.00	21.08 1.43 0.00	22.77 1.55 0.00	27.24 1.90 0.00	31.10 2.17 0.00	32.60 2.19 0.00	30.30 2.01 0.00	27.79 1.65 0.00	25.96 1.61 0.00	23.81 1.49 0.00	21.63 1.30 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	19.46 1.05 0.00	17.53 0.90 0.00	17.38 0.83 0.00	15.66 0.73 0.00	15.52 0.68 0.00	15.49 0.67 0.00	15.16 0.75 0.00	16.00 0.82 0.00	17.51 0.94 0.00	18.59 1.04 0.00	19.44 1.12 0.00	19.87 1.33 0.00	20.14 1.30 0.00	20.84 1.45 0.00	21.08 1.43 0.00	22.77 1.55 0.00	27.24 1.90 0.00	31.10 2.17 0.00	32.60 2.19 0.00	30.30 2.01 0.00	27.79 1.65 0.00	25.96 1.61 0.00	23.81 1.49 0.00	21.63 1.30 0.00
WHITEHAL_115KV_TB1 80871	20.32 1.91 0.00	18.26 1.63 0.00	18.16 1.61 0.00	16.39 1.46 0.00	16.30 1.45 0.00	16.32 1.50 0.00	15.90 1.48 0.00	16.73 1.55 0.00	18.26 1.69 0.00	19.35 1.79 0.00	20.06 1.74 0.00	20.37 1.84 0.00	20.61 1.77 0.00	21.25 1.86 0.00	21.30 1.65 0.00	23.15 1.93 0.00	27.29 1.95 0.00	31.24 2.31 0.00	33.18 2.77 0.00	30.98 2.69 0.00	28.62 2.48 0.00	26.64 2.29 0.00	24.36 2.05 0.00	22.11 1.79 0.00
WHITEPLN_13_KV_LOAD 356215	19.70 1.29 0.00	17.77 1.13 0.00	17.61 1.06 0.00	15.87 0.94 0.00	15.70 0.86 0.00	15.65 0.83 0.00	15.35 0.94 0.00	16.18 1.00 0.00	17.73 1.16 0.00	18.84 1.28 0.00	19.72 1.39 0.00	20.15 1.61 0.00	20.40 1.56 0.00	21.13 1.74 0.00	21.37 1.73 0.00	23.09 1.87 0.00	27.67 2.33 0.00	31.65 2.72 0.00	33.15 2.74 0.00	30.81 2.52 0.00	28.20 2.06 0.00	26.37 2.02 0.00	24.19 1.87 0.00	21.99 1.67 0.00
WM_FLOYD_69_KV_BK2 356380	21.68 2.04 -1.23	18.84 1.88 -0.32	18.34 1.79 0.00	16.29 1.36 0.00	16.24 1.40 0.00	16.20 1.38 0.00	15.88 1.47 0.00	16.51 1.34 0.00	18.21 1.64 0.00	19.45 1.90 0.00	22.16 1.72 -2.12	26.98 1.89 -6.55	30.30 1.85 -9.62	31.28 2.02 -9.88	30.93 1.94 -9.34	32.38 2.14 -9.02	43.99 2.81 -15.84	42.73 3.30 -10.50	42.70 3.38 -8.91	37.41 3.03 -6.08	33.87 2.48 -5.25	33.12 2.36 -6.41	26.69 2.32 -2.06	23.50 2.01 -1.16
WOODARD__115KV_TB2 355635	18.41 0.00 0.00	16.60 -0.03 0.00	16.49 -0.07 0.00	14.87 -0.06 0.00	14.80 -0.04 0.00	14.79 -0.03 0.00	14.34 -0.07 0.00	15.12 -0.06 0.00	16.49 -0.08 0.00	17.47 -0.09 0.00	18.23 -0.09 0.00	18.48 -0.06 0.00	18.82 -0.02 0.00	19.33 -0.06 0.00	19.63 -0.02 0.00	21.22 0.00 0.00	25.34 0.00 0.00	28.87 -0.06 0.00	30.35 -0.06 0.00	28.18 -0.11 0.00	26.14 0.00 0.00	24.30 -0.05 0.00	22.27 -0.04 0.00	20.31 -0.02 0.00
YORK___WARBASSE 23770	19.81 1.40 0.00	17.83 1.20 0.00	17.68 1.13 0.00	15.91 0.99 0.00	15.76 0.92 0.00	15.71 0.89 0.00	15.41 0.99 0.00	16.24 1.06 0.00	17.71 1.14 0.00	18.80 1.25 0.00	19.75 1.43 0.00	20.24 1.71 0.00	20.42 1.58 0.00	21.23 1.84 0.00	21.49 1.85 0.00	23.21 1.99 0.00	27.84 2.51 0.00	31.79 2.86 0.00	33.27 2.86 0.00	30.93 2.63 0.00	28.18 2.04 0.00	26.44 2.09 0.00	24.25 1.94 0.00	22.01 1.69 0.00