

Time Weighted/Integrated Real Time LBMP- Generator

		10/20/2024																							
Generator Data																									
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
59TH STREET_GT_1 24138	EDT	18.34	19.64	19.45	17.94	16.25	19.98	22.43	23.03	23.59	18.45	18.28	16.73	16.68	16.57	17.15	19.74	24.02	28.11	32.29	27.04	22.80	21.54	19.34	17.41
		0.86	0.88	0.89	0.79	0.71	0.88	1.04	1.17	1.18	0.96	0.99	0.99	1.01	0.98	1.06	1.26	1.43	1.67	1.84	1.53	1.37	1.28	1.18	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
74TH STREET_GT_1 24260	EDT	18.43	19.73	19.53	18.00	16.30	20.05	22.51	23.10	23.66	18.51	18.35	16.78	16.73	16.62	17.21	19.80	24.08	28.21	32.40	27.14	22.89	21.64	19.42	17.49
		0.94	0.97	0.97	0.85	0.76	0.94	1.11	1.25	1.25	1.01	1.06	1.04	1.06	1.03	1.11	1.32	1.50	1.76	1.96	1.64	1.46	1.38	1.27	1.12
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	EDT	18.43	19.73	19.53	18.00	16.30	20.05	22.51	23.10	23.66	18.51	18.35	16.78	16.73	16.62	17.21	19.80	24.08	28.21	32.40	27.14	22.89	21.64	19.42	17.49
		0.94	0.97	0.97	0.85	0.76	0.94	1.11	1.25	1.25	1.01	1.06	1.04	1.06	1.03	1.11	1.32	1.50	1.76	1.96	1.64	1.46	1.38	1.27	1.12
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	EDT	18.22	19.51	19.36	17.87	16.17	19.93	22.36	22.85	23.36	18.02	17.70	16.13	16.06	15.97	16.52	19.09	23.63	27.70	31.92	26.76	22.59	21.36	19.11	17.05
		0.74	0.75	0.79	0.72	0.64	0.82	0.96	1.00	0.95	0.52	0.41	0.39	0.38	0.38	0.43	0.61	1.05	1.25	1.47	1.25	1.16	1.10	0.95	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
ADK RESOURCE___RCVRY 23798	EDT	18.31	19.59	19.47	17.97	16.25	20.04	22.50	22.98	23.49	18.06	17.73	16.17	16.10	16.01	16.57	19.18	23.77	27.79	32.04	26.86	22.72	21.50	19.22	17.10
		0.83	0.84	0.91	0.82	0.71	0.93	1.10	1.13	1.08	0.56	0.44	0.42	0.42	0.42	0.48	0.70	1.18	1.34	1.59	1.35	1.29	1.24	1.06	0.73
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	EDT	18.22	19.51	19.36	17.87	16.17	19.93	22.36	22.85	23.36	18.02	17.70	16.13	16.06	15.97	16.52	19.09	23.63	27.70	31.92	26.76	22.59	21.36	19.11	17.05
		0.74	0.75	0.79	0.72	0.64	0.82	0.96	1.00	0.95	0.52	0.41	0.39	0.38	0.38	0.43	0.61	1.05	1.25	1.47	1.25	1.16	1.10	0.95	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
ADK_NYS___DAM 23527	EDT	18.18	19.46	19.31	17.87	16.17	19.93	22.36	22.84	23.33	18.18	17.91	16.28	16.19	16.13	16.69	19.14	23.59	27.29	31.31	26.29	22.27	21.28	19.14	17.13
		0.70	0.70	0.75	0.72	0.63	0.83	0.96	0.99	0.92	0.68	0.62	0.54	0.51	0.54	0.60	0.66	1.00	0.84	0.86	0.79	0.83	1.01	0.98	0.77
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	EDT	17.59	18.82	18.63	17.23	15.59	19.18	21.51	21.97	22.48	17.59	17.36	15.83	15.77	15.69	16.21	18.64	22.79	26.70	30.69	25.72	21.69	20.52	18.40	16.54
		0.11	0.07	0.06	0.08	0.06	0.07	0.11	0.12	0.07	0.09	0.07	0.09	0.09	0.10	0.12	0.16	0.21	0.25	0.23	0.21	0.25	0.26	0.25	0.17
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	EDT	17.54	18.81	18.63	17.21	15.59	19.15	21.43	21.93	22.63	17.69	17.44	15.81	15.73	15.62	16.12	18.51	22.61	26.45	30.44	25.47	21.41	20.23	18.05	16.30
		0.06	0.06	0.07	0.06	0.05	0.05	0.03	0.08	0.22	0.19	0.15	0.06	0.06	0.03	0.03	0.03	0.02	0.01	-0.01	-0.04	-0.02	-0.04	-0.10	-0.06
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR 323833	EDT	17.91	19.18	18.98	17.58	15.91	19.56	21.95	22.41	22.84	17.71	17.41	15.87	15.81	15.73	16.25	18.68	23.03	27.16	31.29	26.22	22.11	20.90	18.74	16.86
		0.42	0.42	0.42	0.42	0.37	0.46	0.55	0.56	0.43	0.20	0.12	0.13	0.13	0.14	0.16	0.20	0.44	0.71	0.84	0.71	0.68	0.64	0.59	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_SOLAR 323834	EDT	17.90	19.17	18.98	17.57	15.91	19.56	21.94	22.41	22.84	17.70	17.41	15.87	15.80	15.73	16.25	18.68	23.02	27.16	31.29	26.21	22.10	20.90	18.74	16.85
		0.42	0.41	0.42	0.42	0.37	0.45	0.54	0.55	0.42	0.20	0.12	0.13	0.13	0.14	0.16	0.20	0.44	0.71	0.84	0.70	0.67	0.64	0.59	0.48
		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
ALBANY___1 23571	EDT	17.59	18.82	18.63	17.23	15.59	19.18	21.51	21.97	22.48	17.59	17.36	15.83	15.77	15.69	16.21	18.64	22.79	26.70	30.69	25.72	21.69	20.52	18.40	16.54
		0.11	0.07	0.06	0.08	0.06	0.07	0.11	0.12	0.07	0.09	0.07	0.09	0.09	0.10	0.12	0.16	0.21	0.25	0.23	0.21	0.25	0.26	0.25	0.17
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	17.59 0.11 0.00	18.82 0.07 0.00	18.63 0.06 0.00	17.23 0.08 0.00	15.59 0.06 0.00	19.18 0.07 0.00	21.51 0.11 0.00	21.97 0.12 0.00	22.48 0.07 0.00	17.59 0.09 0.00	17.36 0.07 0.00	15.83 0.09 0.00	15.77 0.09 0.00	15.69 0.10 0.00	16.21 0.12 0.00	18.64 0.16 0.00	22.79 0.21 0.00	26.70 0.25 0.00	30.69 0.23 0.00	25.72 0.21 0.00	21.69 0.25 0.00	20.52 0.26 0.00	18.40 0.25 0.00	16.54 0.17 0.00
ALBANY___3 23573	17.59 0.11 0.00	18.82 0.07 0.00	18.63 0.06 0.00	17.23 0.08 0.00	15.59 0.06 0.00	19.18 0.07 0.00	21.51 0.11 0.00	21.97 0.12 0.00	22.48 0.07 0.00	17.59 0.09 0.00	17.36 0.07 0.00	15.83 0.09 0.00	15.77 0.09 0.00	15.69 0.10 0.00	16.21 0.12 0.00	18.64 0.16 0.00	22.79 0.21 0.00	26.70 0.25 0.00	30.69 0.23 0.00	25.72 0.21 0.00	21.69 0.25 0.00	20.52 0.26 0.00	18.40 0.25 0.00	16.54 0.17 0.00
ALBANY___4 23574	17.59 0.11 0.00	18.82 0.07 0.00	18.63 0.06 0.00	17.23 0.08 0.00	15.59 0.06 0.00	19.18 0.07 0.00	21.51 0.11 0.00	21.97 0.12 0.00	22.48 0.07 0.00	17.59 0.09 0.00	17.36 0.07 0.00	15.83 0.09 0.00	15.77 0.09 0.00	15.69 0.10 0.00	16.21 0.12 0.00	18.64 0.16 0.00	22.79 0.21 0.00	26.70 0.25 0.00	30.69 0.23 0.00	25.72 0.21 0.00	21.69 0.25 0.00	20.52 0.26 0.00	18.40 0.25 0.00	16.54 0.17 0.00
ALBANY___LFGE 323615	17.76 0.28 0.00	19.01 0.25 0.00	18.82 0.26 0.00	17.40 0.26 0.00	15.75 0.22 0.00	19.38 0.27 0.00	21.73 0.33 0.00	22.21 0.36 0.00	22.72 0.31 0.00	17.75 0.25 0.00	17.51 0.22 0.00	15.97 0.23 0.00	15.90 0.23 0.00	15.82 0.23 0.00	16.36 0.27 0.00	18.81 0.33 0.00	23.04 0.45 0.00	27.01 0.56 0.00	31.04 0.59 0.00	26.01 0.50 0.00	21.93 0.49 0.00	20.75 0.48 0.00	18.60 0.44 0.00	16.71 0.34 0.00
ALCOA_PA_115KV_PL-6C 55860	17.62 0.14 0.00	18.90 0.14 0.00	18.71 0.15 0.00	17.28 0.13 0.00	15.66 0.12 0.00	19.24 0.14 0.00	21.54 0.14 0.00	22.04 0.19 0.00	22.75 0.34 0.00	17.77 0.27 0.00	17.50 0.21 0.00	15.86 0.12 0.00	15.78 0.10 0.00	15.66 0.07 0.00	16.17 0.08 0.00	18.55 0.08 0.00	22.68 0.09 0.00	26.57 0.12 0.00	30.61 0.16 0.00	26.50 0.09 -0.90	22.81 0.08 -1.29	21.57 0.05 -1.26	18.43 -0.03 -0.31	16.74 0.00 -0.38
ALCOA_RYNLDS___DRP 24188	17.62 0.14 0.00	18.90 0.14 0.00	18.71 0.15 0.00	17.28 0.13 0.00	15.66 0.12 0.00	19.24 0.14 0.00	21.54 0.14 0.00	22.04 0.19 0.00	22.75 0.34 0.00	17.77 0.27 0.00	17.50 0.21 0.00	15.86 0.12 0.00	15.78 0.10 0.00	15.66 0.07 0.00	16.17 0.08 0.00	18.55 0.08 0.00	22.68 0.09 0.00	26.57 0.12 0.00	30.61 0.16 0.00	26.50 0.09 -0.90	22.81 0.08 -1.29	21.57 0.05 -1.26	18.43 -0.03 -0.31	16.74 0.00 -0.38
ALCOA___DSASP 323711	17.62 0.14 0.00	18.90 0.14 0.00	18.71 0.15 0.00	17.28 0.13 0.00	15.66 0.12 0.00	19.24 0.14 0.00	21.54 0.14 0.00	22.04 0.19 0.00	22.75 0.34 0.00	17.77 0.27 0.00	17.50 0.21 0.00	15.86 0.12 0.00	15.78 0.10 0.00	15.66 0.07 0.00	16.17 0.08 0.00	18.55 0.08 0.00	22.68 0.09 0.00	26.57 0.12 0.00	30.61 0.16 0.00	26.50 0.09 -0.90	22.81 0.08 -1.29	21.57 0.05 -1.26	18.43 -0.03 -0.31	16.74 0.00 -0.38
ALLEGHENY___COGEN 23514	17.56 0.08 0.00	18.82 0.07 0.00	18.52 -0.04 0.00	17.07 -0.08 0.00	15.45 -0.08 0.00	19.04 -0.06 0.00	21.44 0.04 0.00	22.09 0.21 -0.03	22.80 0.39 0.00	17.47 -0.03 0.00	17.02 -0.27 0.00	15.43 -0.31 0.00	15.36 -0.31 0.00	15.33 -0.25 0.00	15.79 -0.30 0.00	18.11 -0.36 0.00	22.10 -0.48 0.00	26.03 -0.42 0.00	30.69 0.24 0.00	25.81 0.30 0.00	21.33 -0.10 0.00	20.08 -0.18 0.00	17.89 -0.26 0.00	16.13 -0.23 0.00
ALTAMONT_115KV_TB 2 55880	17.78 0.29 0.00	19.05 0.30 0.00	18.87 0.30 0.00	17.45 0.30 0.00	15.80 0.26 0.00	19.42 0.32 0.00	21.78 0.38 0.00	22.25 0.39 0.00	22.76 0.35 0.00	17.76 0.26 0.00	17.54 0.25 0.00	15.99 0.25 0.00	15.92 0.25 0.00	15.84 0.25 0.00	16.36 0.27 0.00	18.80 0.32 0.00	23.02 0.43 0.00	26.98 0.53 0.00	31.04 0.59 0.00	26.02 0.51 0.00	21.92 0.49 0.00	20.74 0.47 0.00	18.60 0.44 0.00	16.73 0.36 0.00
ALTONA_WT_PWR 323606	17.31 -0.17 0.00	18.53 -0.23 0.00	18.47 -0.09 0.00	17.11 -0.05 0.00	15.44 -0.10 0.00	18.82 -0.28 0.00	21.00 -0.40 0.00	21.50 -0.35 0.00	22.33 -0.08 0.00	17.54 0.04 0.00	17.45 0.16 0.00	15.86 0.12 0.00	15.69 0.02 0.00	15.51 -0.08 0.00	15.98 -0.11 0.00	18.32 -0.15 0.00	22.50 -0.09 0.00	26.18 -0.27 0.00	30.23 -0.22 0.00	-4.28 -0.43 29.36	-21.02 -0.33 42.13	-21.05 -0.34 40.97	7.74 -0.39 10.03	3.72 -0.38 12.27
AMERICAN_REF_FUEL 24010	16.50 -0.99 0.00	17.80 -0.95 0.00	17.48 -1.08 0.00	16.12 -1.03 0.00	14.63 -0.91 0.00	18.07 -1.04 0.00	20.30 -1.09 0.00	20.77 -1.09 -0.01	21.53 -0.88 0.00	16.78 -0.72 0.00	16.52 -0.77 0.00	14.94 -0.80 0.00	14.95 -0.73 0.00	14.93 -0.66 0.00	15.35 -0.75 0.00	17.55 -0.92 0.00	21.22 -1.37 0.00	24.57 -1.88 0.00	28.34 -2.11 0.00	23.92 -1.59 0.00	19.79 -1.65 0.00	18.69 -1.57 0.00	16.72 -1.44 0.00	15.18 -1.19 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	16.87 -0.61 0.00	18.03 -0.73 0.00	17.69 -0.87 0.00	16.31 -0.85 0.00	14.89 -0.64 0.00	18.44 -0.67 0.00	20.86 -0.54 0.00	21.60 -0.38 -0.12	22.27 -0.14 0.00	17.29 -0.21 0.00	17.12 -0.16 0.00	15.57 -0.17 0.00	15.49 -0.18 0.00	15.50 -0.09 0.00	15.94 -0.16 0.00	18.22 -0.25 0.00	22.14 -0.45 0.00	25.71 -0.75 0.00	29.49 -0.96 0.00	24.54 -0.96 0.00	20.12 -1.31 0.00	18.99 -1.27 0.00	16.84 -1.32 0.00	15.22 -1.15 0.00
ARTHUR KILL_GT_1 23520	18.25 0.76 0.00	19.61 0.85 0.00	19.57 1.00 -0.01	18.06 0.90 -0.01	16.37 0.82 -0.01	20.14 1.04 0.00	22.63 1.22 0.00	23.19 1.33 0.00	23.66 1.25 -0.01	18.44 0.94 0.00	18.25 0.96 0.00	16.67 0.93 0.00	16.61 0.94 0.00	16.50 0.91 0.00	17.07 0.98 0.00	19.65 1.18 0.00	23.93 1.34 0.00	28.10 1.65 0.00	32.26 1.81 0.00	26.97 1.46 0.00	22.79 1.36 0.00	21.53 1.27 0.00	19.32 1.17 0.00	17.40 1.04 0.00
ARTHUR_KILL_2 23512	18.20 0.72 0.00	19.56 0.80 0.00	19.53 0.97 -0.01	18.02 0.86 -0.01	16.33 0.79 -0.01	20.10 0.99 0.00	22.57 1.17 0.00	23.13 1.28 0.00	23.60 1.18 -0.01	18.39 0.90 0.00	18.21 0.92 0.00	16.64 0.90 0.00	16.58 0.91 0.00	16.46 0.87 0.00	17.03 0.94 0.00	19.61 1.13 0.00	23.87 1.28 0.00	28.02 1.57 0.00	32.17 1.72 0.00	26.89 1.38 0.00	22.73 1.29 0.00	21.47 1.21 0.00	19.28 1.12 0.00	17.36 0.99 0.00
ARTHUR_KILL_3 23513	18.22 0.73 0.00	19.52 0.76 0.00	19.30 0.73 0.00	17.78 0.63 0.00	16.10 0.57 0.00	19.82 0.71 0.00	22.25 0.85 0.00	22.84 0.98 0.00	23.40 0.99 0.00	18.32 0.82 0.00	18.13 0.84 0.00	16.60 0.86 0.00	16.55 0.88 0.00	16.43 0.84 0.00	17.01 0.92 0.00	19.57 1.10 0.00	23.81 1.22 0.00	27.89 1.44 0.00	32.04 1.59 0.00	26.85 1.34 0.00	22.65 1.22 0.00	21.42 1.16 0.00	19.23 1.08 0.00	17.32 0.95 0.00

ARTHUR_KILL_COGEN 323718	18.25 0.76 0.00	19.61 0.85 0.00	19.57 1.00 -0.01	18.06 0.90 -0.01	16.37 0.82 -0.01	20.14 1.04 0.00	22.63 1.22 0.00	23.19 1.33 0.00	23.66 1.25 -0.01	18.44 0.94 0.00	18.25 0.96 0.00	16.67 0.93 0.00	16.61 0.94 0.00	16.50 0.91 0.00	17.07 0.98 0.00	19.65 1.18 0.00	23.93 1.34 0.00	28.10 1.65 0.00	32.26 1.81 0.00	26.97 1.46 0.00	22.79 1.36 0.00	21.53 1.27 0.00	19.32 1.17 0.00	17.40 1.04 0.00
ASHOKAN____ 23654	18.14 0.66 0.00	19.42 0.66 0.00	19.20 0.65 0.00	17.77 0.62 0.00	16.09 0.56 0.00	19.81 0.70 0.00	22.26 0.86 0.00	22.81 0.96 0.00	23.38 0.96 0.00	18.15 0.65 0.00	17.79 0.50 0.00	16.17 0.43 0.00	16.07 0.40 0.00	16.00 0.41 0.00	16.54 0.45 0.00	19.03 0.55 0.00	23.41 0.82 0.00	27.68 1.23 0.00	32.04 1.59 0.00	26.86 1.35 0.00	22.59 1.16 0.00	21.32 1.06 0.00	19.07 0.92 0.00	17.11 0.74 0.00
ASTORIA_EAST_ENERGY_CC1 323581	18.32 0.84 0.00	19.62 0.87 0.00	19.42 0.85 -0.01	17.91 0.75 -0.01	16.20 0.66 -0.01	19.94 0.83 0.00	22.39 0.99 0.00	22.91 1.06 0.00	23.46 1.05 -0.01	18.38 0.88 0.00	18.23 0.94 0.00	16.66 0.92 0.00	16.61 0.94 0.00	16.50 0.91 0.00	17.08 0.99 0.00	19.64 1.17 0.00	23.84 1.25 0.00	28.25 1.56 -0.24	32.14 1.69 0.00	26.94 1.44 0.00	22.79 1.35 0.00	21.49 1.22 0.00	19.28 1.12 0.00	17.36 0.99 0.00
ASTORIA_EAST_ENERGY_CC2 323582	18.32 0.84 0.00	19.62 0.87 0.00	19.42 0.85 -0.01	17.91 0.75 -0.01	16.20 0.66 -0.01	19.94 0.83 0.00	22.39 0.99 0.00	22.91 1.06 0.00	23.46 1.05 -0.01	18.38 0.88 0.00	18.23 0.94 0.00	16.66 0.92 0.00	16.61 0.94 0.00	16.50 0.91 0.00	17.08 0.99 0.00	19.64 1.17 0.00	23.84 1.25 0.00	28.25 1.56 -0.24	32.14 1.69 0.00	26.94 1.44 0.00	22.79 1.35 0.00	21.49 1.22 0.00	19.28 1.12 0.00	17.36 0.99 0.00
ASTORIA_GT2_1 24094	18.33 0.84 0.00	19.63 0.87 0.00	19.42 0.85 -0.01	17.91 0.75 -0.01	16.20 0.66 -0.01	19.94 0.83 0.00	22.40 1.00 0.00	22.92 1.06 0.00	23.48 1.06 -0.01	18.39 0.89 0.00	18.23 0.94 0.00	16.67 0.93 0.00	16.62 0.94 0.00	16.50 0.91 0.00	17.08 0.99 0.00	19.65 1.17 0.00	23.84 1.25 0.00	28.26 1.57 -0.24	32.16 1.71 0.00	26.96 1.45 0.00	22.79 1.36 0.00	21.49 1.23 0.00	19.28 1.13 0.00	17.37 1.00 0.00
ASTORIA_GT2_2 24095	18.33 0.84 0.00	19.63 0.87 0.00	19.42 0.85 -0.01	17.91 0.75 -0.01	16.20 0.66 -0.01	19.94 0.83 0.00	22.40 1.00 0.00	22.92 1.06 0.00	23.48 1.06 -0.01	18.39 0.89 0.00	18.23 0.94 0.00	16.67 0.93 0.00	16.62 0.94 0.00	16.50 0.91 0.00	17.08 0.99 0.00	19.65 1.17 0.00	23.84 1.25 0.00	28.26 1.57 -0.24	32.16 1.71 0.00	26.96 1.45 0.00	22.79 1.36 0.00	21.49 1.23 0.00	19.28 1.13 0.00	17.37 1.00 0.00
ASTORIA_GT2_3 24096	18.33 0.84 0.00	19.63 0.87 0.00	19.42 0.85 -0.01	17.91 0.75 -0.01	16.20 0.66 -0.01	19.94 0.83 0.00	22.40 1.00 0.00	22.92 1.06 0.00	23.48 1.06 -0.01	18.39 0.89 0.00	18.23 0.94 0.00	16.67 0.93 0.00	16.62 0.94 0.00	16.50 0.91 0.00	17.08 0.99 0.00	19.65 1.17 0.00	23.84 1.25 0.00	28.26 1.57 -0.24	32.16 1.71 0.00	26.96 1.45 0.00	22.79 1.36 0.00	21.49 1.23 0.00	19.28 1.13 0.00	17.37 1.00 0.00
ASTORIA_GT2_4 24097	18.33 0.84 0.00	19.63 0.87 0.00	19.42 0.85 -0.01	17.91 0.75 -0.01	16.20 0.66 -0.01	19.94 0.83 0.00	22.40 1.00 0.00	22.92 1.06 0.00	23.48 1.06 -0.01	18.39 0.89 0.00	18.23 0.94 0.00	16.67 0.93 0.00	16.62 0.94 0.00	16.50 0.91 0.00	17.08 0.99 0.00	19.65 1.17 0.00	23.84 1.25 0.00	28.26 1.57 -0.24	32.16 1.71 0.00	26.96 1.45 0.00	22.79 1.36 0.00	21.49 1.23 0.00	19.28 1.13 0.00	17.37 1.00 0.00
ASTORIA_GT3_1 24098	18.33 0.84 0.00	19.63 0.87 0.00	19.42 0.85 -0.01	17.91 0.75 -0.01	16.20 0.66 -0.01	19.94 0.83 0.00	22.40 1.00 0.00	22.92 1.06 0.00	23.48 1.06 -0.01	18.39 0.89 0.00	18.23 0.94 0.00	16.67 0.93 0.00	16.62 0.94 0.00	16.50 0.91 0.00	17.08 0.99 0.00	19.65 1.17 0.00	23.84 1.25 0.00	28.26 1.57 -0.24	32.16 1.71 0.00	26.96 1.45 0.00	22.79 1.36 0.00	21.49 1.23 0.00	19.28 1.13 0.00	17.36 1.00 0.00
ASTORIA_GT3_2 24099	18.33 0.84 0.00	19.63 0.87 0.00	19.42 0.85 -0.01	17.91 0.75 -0.01	16.20 0.66 -0.01	19.94 0.83 0.00	22.40 1.00 0.00	22.92 1.06 0.00	23.48 1.06 -0.01	18.39 0.89 0.00	18.23 0.94 0.00	16.67 0.93 0.00	16.62 0.94 0.00	16.50 0.91 0.00	17.08 0.99 0.00	19.65 1.17 0.00	23.84 1.25 0.00	28.26 1.57 -0.24	32.16 1.71 0.00	26.96 1.45 0.00	22.79 1.36 0.00	21.49 1.23 0.00	19.28 1.13 0.00	17.36 1.00 0.00
ASTORIA_GT3_3 24100	18.33 0.84 0.00	19.63 0.87 0.00	19.42 0.85 -0.01	17.91 0.75 -0.01	16.20 0.66 -0.01	19.94 0.83 0.00	22.40 1.00 0.00	22.92 1.06 0.00	23.48 1.06 -0.01	18.39 0.89 0.00	18.23 0.94 0.00	16.67 0.93 0.00	16.62 0.94 0.00	16.50 0.91 0.00	17.08 0.99 0.00	19.65 1.17 0.00	23.84 1.25 0.00	28.26 1.57 -0.24	32.16 1.71 0.00	26.96 1.45 0.00	22.79 1.36 0.00	21.49 1.23 0.00	19.28 1.13 0.00	17.36 1.00 0.00
ASTORIA_GT3_4 24101	18.33 0.84 0.00	19.63 0.87 0.00	19.42 0.85 -0.01	17.91 0.75 -0.01	16.20 0.66 -0.01	19.94 0.83 0.00	22.40 1.00 0.00	22.92 1.06 0.00	23.48 1.06 -0.01	18.39 0.89 0.00	18.23 0.94 0.00	16.67 0.93 0.00	16.62 0.94 0.00	16.50 0.91 0.00	17.08 0.99 0.00	19.65 1.17 0.00	23.84 1.25 0.00	28.26 1.57 -0.24	32.16 1.71 0.00	26.96 1.45 0.00	22.79 1.36 0.00	21.49 1.23 0.00	19.28 1.13 0.00	17.36 1.00 0.00
ASTORIA_GT4_1 24102	18.33 0.84 0.00	19.63 0.87 0.00	19.42 0.85 -0.01	17.91 0.75 -0.01	16.20 0.66 -0.01	19.94 0.83 0.00	22.40 1.00 0.00	22.92 1.06 0.00	23.48 1.06 -0.01	18.39 0.89 0.00	18.23 0.94 0.00	16.67 0.93 0.00	16.62 0.94 0.00	16.50 0.91 0.00	17.08 0.99 0.00	19.65 1.17 0.00	23.84 1.25 0.00	28.26 1.57 -0.24	32.16 1.71 0.00	26.96 1.45 0.00	22.79 1.36 0.00	21.49 1.23 0.00	19.28 1.13 0.00	17.36 1.00 0.00
ASTORIA_GT4_2 24103	18.33 0.84 0.00	19.63 0.87 0.00	19.42 0.85 -0.01	17.91 0.75 -0.01	16.20 0.66 -0.01	19.94 0.83 0.00	22.40 1.00 0.00	22.92 1.06 0.00	23.48 1.06 -0.01	18.39 0.89 0.00	18.23 0.94 0.00	16.67 0.93 0.00	16.62 0.94 0.00	16.50 0.91 0.00	17.08 0.99 0.00	19.65 1.17 0.00	23.84 1.25 0.00	28.26 1.57 -0.24	32.16 1.71 0.00	26.96 1.45 0.00	22.79 1.36 0.00	21.49 1.23 0.00	19.28 1.13 0.00	17.36 1.00 0.00
ASTORIA_GT4_3 24104	18.33 0.84 0.00	19.63 0.87 0.00	19.42 0.85 -0.01	17.91 0.75 -0.01	16.20 0.66 -0.01	19.94 0.83 0.00	22.40 1.00 0.00	22.92 1.06 0.00	23.48 1.06 -0.01	18.39 0.89 0.00	18.23 0.94 0.00	16.67 0.93 0.00	16.62 0.94 0.00	16.50 0.91 0.00	17.08 0.99 0.00	19.65 1.17 0.00	23.84 1.25 0.00	28.26 1.57 -0.24	32.16 1.71 0.00	26.96 1.45 0.00	22.79 1.36 0.00	21.49 1.23 0.00	19.28 1.13 0.00	17.36 1.00 0.00

ASTORIA_GT4_4 24105	18.33 0.84 0.00	19.63 0.87 0.00	19.42 0.85 -0.01	17.91 0.75 -0.01	16.20 0.66 -0.01	19.94 0.83 0.00	22.40 1.00 0.00	22.92 1.06 0.00	23.48 1.06 -0.01	18.39 0.89 0.00	18.23 0.94 0.00	16.67 0.93 0.00	16.62 0.94 0.00	16.50 0.91 0.00	17.08 0.99 0.00	19.65 1.17 0.00	23.84 1.25 0.00	28.26 1.57 -0.24	32.16 1.71 0.00	26.96 1.45 0.00	22.79 1.36 0.00	21.49 1.23 0.00	19.28 1.13 0.00	17.36 1.00 0.00
ASTORIA_GT_1 23523	18.36 0.87 0.00	19.66 0.90 0.00	19.45 0.88 -0.01	17.94 0.79 -0.01	16.23 0.69 -0.01	19.98 0.87 0.00	22.43 1.03 0.00	22.95 1.10 0.00	23.51 1.09 -0.01	18.41 0.92 0.00	18.26 0.97 0.00	16.70 0.96 0.00	16.65 0.98 0.00	16.53 0.94 0.00	17.12 1.02 0.00	19.68 1.21 0.00	23.89 1.30 0.00	28.32 1.63 -0.24	32.23 1.78 0.00	27.02 1.51 0.00	22.84 1.40 0.00	21.53 1.26 0.00	19.31 1.16 0.00	17.39 1.03 0.00
ASTORIA_GT_10 24110	18.37 0.89 0.00	19.68 0.92 0.00	19.49 0.92 -0.01	17.97 0.81 -0.01	16.27 0.72 -0.01	20.00 0.89 0.00	22.44 1.04 0.00	23.02 1.17 0.00	23.60 1.18 -0.01	18.44 0.94 0.00	18.27 0.98 0.00	16.71 0.96 0.00	16.65 0.98 0.00	16.54 0.95 0.00	17.12 1.03 0.00	19.70 1.22 0.00	23.92 1.34 0.00	28.05 1.60 0.00	32.20 1.76 0.00	26.97 1.46 0.00	22.77 1.34 0.00	21.51 1.25 0.00	19.32 1.16 0.00	17.41 1.04 0.00
ASTORIA_GT_11 24225	18.37 0.89 0.00	19.68 0.92 0.00	19.49 0.92 -0.01	17.97 0.81 -0.01	16.27 0.72 -0.01	20.00 0.89 0.00	22.44 1.04 0.00	23.02 1.17 0.00	23.60 1.18 -0.01	18.44 0.94 0.00	18.27 0.98 0.00	16.71 0.96 0.00	16.65 0.98 0.00	16.54 0.95 0.00	17.12 1.03 0.00	19.70 1.22 0.00	23.92 1.34 0.00	28.05 1.60 0.00	32.20 1.76 0.00	26.97 1.46 0.00	22.77 1.34 0.00	21.51 1.25 0.00	19.32 1.16 0.00	17.41 1.04 0.00
ASTORIA_GT_12 24226	18.37 0.89 0.00	19.68 0.92 0.00	19.49 0.92 -0.01	17.97 0.81 -0.01	16.27 0.72 -0.01	20.00 0.89 0.00	22.44 1.04 0.00	23.02 1.17 0.00	23.60 1.18 -0.01	18.44 0.94 0.00	18.27 0.98 0.00	16.71 0.96 0.00	16.65 0.98 0.00	16.54 0.95 0.00	17.12 1.03 0.00	19.70 1.22 0.00	23.92 1.34 0.00	28.05 1.60 0.00	32.20 1.76 0.00	26.97 1.46 0.00	22.77 1.34 0.00	21.51 1.25 0.00	19.32 1.16 0.00	17.41 1.04 0.00
ASTORIA_GT_13 24227	18.37 0.89 0.00	19.68 0.92 0.00	19.49 0.92 -0.01	17.97 0.81 -0.01	16.27 0.72 -0.01	20.00 0.89 0.00	22.44 1.04 0.00	23.02 1.17 0.00	23.60 1.18 -0.01	18.44 0.94 0.00	18.27 0.98 0.00	16.71 0.96 0.00	16.65 0.98 0.00	16.54 0.95 0.00	17.12 1.03 0.00	19.70 1.22 0.00	23.92 1.34 0.00	28.05 1.60 0.00	32.20 1.76 0.00	26.97 1.46 0.00	22.77 1.34 0.00	21.51 1.25 0.00	19.32 1.16 0.00	17.41 1.04 0.00
ASTORIA_GT_5 24106	18.36 0.87 0.00	19.66 0.90 0.00	19.45 0.88 -0.01	17.94 0.79 -0.01	16.23 0.69 -0.01	19.98 0.87 0.00	22.43 1.03 0.00	22.95 1.10 0.00	23.51 1.10 -0.01	18.42 0.92 0.00	18.26 0.97 0.00	16.70 0.95 0.00	16.65 0.98 0.00	16.53 0.94 0.00	17.12 1.02 0.00	19.68 1.21 0.00	23.88 1.30 0.00	28.31 1.62 -0.24	32.23 1.78 0.00	27.02 1.51 0.00	22.83 1.40 0.00	21.53 1.26 0.00	19.31 1.16 0.00	17.39 1.03 0.00
ASTORIA_GT_7 24107	18.36 0.87 0.00	19.66 0.90 0.00	19.45 0.88 -0.01	17.94 0.79 -0.01	16.23 0.69 -0.01	19.98 0.87 0.00	22.43 1.03 0.00	22.95 1.10 0.00	23.51 1.10 -0.01	18.42 0.92 0.00	18.26 0.97 0.00	16.70 0.95 0.00	16.65 0.98 0.00	16.53 0.94 0.00	17.12 1.02 0.00	19.68 1.21 0.00	23.88 1.30 0.00	28.31 1.62 -0.24	32.23 1.78 0.00	27.02 1.51 0.00	22.83 1.40 0.00	21.53 1.26 0.00	19.31 1.16 0.00	17.39 1.03 0.00
ASTORIA_GT_8 24108	18.36 0.87 0.00	19.66 0.90 0.00	19.45 0.88 -0.01	17.94 0.79 -0.01	16.23 0.69 -0.01	19.98 0.87 0.00	22.43 1.03 0.00	22.95 1.10 0.00	23.51 1.10 -0.01	18.42 0.92 0.00	18.26 0.97 0.00	16.70 0.95 0.00	16.65 0.98 0.00	16.53 0.94 0.00	17.12 1.02 0.00	19.68 1.21 0.00	23.88 1.30 0.00	28.31 1.62 -0.24	32.23 1.78 0.00	27.02 1.51 0.00	22.83 1.40 0.00	21.53 1.26 0.00	19.31 1.16 0.00	17.39 1.03 0.00
ASTORIA___2 24149	18.33 0.84 0.00	19.63 0.87 0.00	19.42 0.85 -0.01	17.91 0.75 -0.01	16.20 0.66 -0.01	19.94 0.84 0.00	22.40 1.00 0.00	22.92 1.07 0.00	23.48 1.06 -0.01	18.39 0.89 0.00	18.23 0.94 0.00	16.67 0.93 0.00	16.62 0.94 0.00	16.50 0.91 0.00	17.08 0.99 0.00	19.65 1.17 0.00	23.84 1.25 0.00	28.26 1.57 -0.24	32.16 1.71 0.00	26.96 1.45 0.00	22.79 1.36 0.00	21.49 1.23 0.00	19.28 1.13 0.00	17.36 1.00 0.00
ASTORIA___3 23516	18.37 0.89 0.00	19.68 0.92 0.00	19.49 0.92 -0.01	17.97 0.81 -0.01	16.27 0.72 -0.01	20.00 0.89 0.00	22.44 1.04 0.00	23.02 1.17 0.00	23.60 1.18 -0.01	18.44 0.94 0.00	18.27 0.98 0.00	16.71 0.97 0.00	16.66 0.98 0.00	16.54 0.96 0.00	17.12 1.03 0.00	19.70 1.22 0.00	23.92 1.34 0.00	28.05 1.60 0.00	32.20 1.75 0.00	26.97 1.46 0.00	22.78 1.35 0.00	21.51 1.25 0.00	19.32 1.17 0.00	17.41 1.04 0.00
ASTORIA___4 23517	18.37 0.89 0.00	19.68 0.92 0.00	19.49 0.92 -0.01	17.97 0.81 -0.01	16.27 0.72 -0.01	20.00 0.89 0.00	22.44 1.04 0.00	23.02 1.17 0.00	23.60 1.18 -0.01	18.44 0.94 0.00	18.27 0.98 0.00	16.71 0.96 0.00	16.65 0.98 0.00	16.54 0.95 0.00	17.12 1.03 0.00	19.70 1.22 0.00	23.92 1.34 0.00	28.05 1.60 0.00	32.20 1.76 0.00	26.97 1.46 0.00	22.77 1.34 0.00	21.51 1.25 0.00	19.32 1.16 0.00	17.41 1.04 0.00
ASTORIA___5 23518	18.37 0.89 0.00	19.68 0.92 0.00	19.49 0.92 -0.01	17.97 0.81 -0.01	16.27 0.72 -0.01	20.00 0.89 0.00	22.44 1.04 0.00	23.02 1.17 0.00	23.60 1.18 -0.01	18.44 0.94 0.00	18.27 0.98 0.00	16.71 0.97 0.00	16.66 0.98 0.00	16.54 0.96 0.00	17.12 1.03 0.00	19.70 1.22 0.00	23.92 1.34 0.00	28.05 1.60 0.00	32.20 1.75 0.00	26.97 1.46 0.00	22.78 1.35 0.00	21.51 1.25 0.00	19.32 1.17 0.00	17.41 1.04 0.00
AST_ENERGY_2_CC3 323677	18.26 0.78 0.00	19.56 0.80 0.00	19.37 0.81 0.00	17.87 0.71 0.00	16.18 0.64 0.00	19.89 0.79 0.00	22.33 0.93 0.00	22.92 1.07 0.00	23.47 1.06 0.00	18.36 0.86 0.00	18.19 0.90 0.00	16.64 0.90 0.00	16.59 0.92 0.00	16.46 0.87 0.00	17.04 0.94 0.00	19.61 1.14 0.00	23.86 1.28 0.00	27.94 1.49 0.00	32.09 1.64 0.00	26.87 1.36 0.00	22.69 1.25 0.00	21.44 1.18 0.00	19.25 1.10 0.00	17.36 0.99 0.00
AST_ENERGY_2_CC4 323678	18.26 0.78 0.00	19.56 0.80 0.00	19.37 0.81 0.00	17.87 0.71 0.00	16.18 0.64 0.00	19.89 0.79 0.00	22.33 0.93 0.00	22.92 1.07 0.00	23.47 1.06 0.00	18.36 0.86 0.00	18.19 0.90 0.00	16.64 0.90 0.00	16.59 0.92 0.00	16.46 0.87 0.00	17.04 0.94 0.00	19.61 1.14 0.00	23.86 1.28 0.00	27.94 1.49 0.00	32.09 1.64 0.00	26.87 1.36 0.00	22.69 1.25 0.00	21.44 1.18 0.00	19.25 1.10 0.00	17.36 0.99 0.00

ATHENS_STG_1 23668	17.83 0.35 0.00	19.12 0.37 0.00	18.94 0.38 0.00	17.52 0.37 0.00	15.87 0.33 0.00	19.48 0.38 0.00	21.85 0.45 0.00	22.33 0.47 0.00	22.86 0.45 0.00	17.88 0.38 0.00	17.70 0.41 0.00	16.16 0.42 0.00	16.09 0.42 0.00	16.01 0.42 0.00	16.53 0.44 0.00	18.97 0.49 0.00	23.17 0.58 0.00	27.13 0.68 0.00	31.19 0.74 0.00	26.14 0.63 0.00	22.04 0.60 0.00	20.85 0.58 0.00	18.71 0.55 0.00	16.84 0.47 0.00
ATHENS_STG_2 23670	17.83 0.35 0.00	19.12 0.37 0.00	18.94 0.38 0.00	17.52 0.37 0.00	15.87 0.33 0.00	19.48 0.38 0.00	21.85 0.45 0.00	22.33 0.47 0.00	22.86 0.45 0.00	17.88 0.38 0.00	17.70 0.41 0.00	16.16 0.42 0.00	16.09 0.42 0.00	16.01 0.42 0.00	16.53 0.44 0.00	18.97 0.49 0.00	23.17 0.58 0.00	27.13 0.68 0.00	31.19 0.74 0.00	26.14 0.63 0.00	22.04 0.60 0.00	20.85 0.58 0.00	18.71 0.55 0.00	16.84 0.47 0.00
ATHENS_STG_3 23677	17.83 0.35 0.00	19.12 0.37 0.00	18.94 0.38 0.00	17.52 0.37 0.00	15.87 0.33 0.00	19.48 0.38 0.00	21.85 0.45 0.00	22.33 0.47 0.00	22.86 0.45 0.00	17.88 0.38 0.00	17.70 0.41 0.00	16.16 0.42 0.00	16.09 0.42 0.00	16.01 0.42 0.00	16.53 0.44 0.00	18.97 0.49 0.00	23.17 0.58 0.00	27.13 0.68 0.00	31.19 0.74 0.00	26.14 0.63 0.00	22.04 0.60 0.00	20.85 0.58 0.00	18.71 0.55 0.00	16.84 0.47 0.00
AUBURN___LFGE 323710	17.34 -0.15 0.00	18.60 -0.15 0.00	18.38 -0.18 0.00	16.97 -0.18 0.00	15.38 -0.15 0.00	18.94 -0.17 0.00	21.22 -0.18 0.00	21.65 -0.21 0.00	22.19 -0.22 0.00	17.27 -0.23 0.00	17.03 -0.25 0.00	15.49 -0.25 0.00	15.43 -0.25 0.00	15.36 -0.23 0.00	15.84 -0.25 0.00	18.20 -0.28 0.00	22.26 -0.32 0.00	26.15 -0.30 0.00	30.21 -0.24 0.00	25.31 -0.20 0.00	21.16 -0.28 0.00	20.01 -0.25 0.00	17.92 -0.23 0.00	16.16 -0.21 0.00
BABYLON_RES_REC 323704	18.57 1.09 0.00	19.84 1.08 0.00	19.60 1.04 0.00	18.05 0.90 0.00	16.34 0.80 0.00	20.08 0.98 0.00	22.41 1.01 0.00	22.96 1.10 0.00	23.32 0.91 0.00	18.29 0.79 0.00	18.28 0.98 0.00	16.66 0.92 0.00	16.60 0.93 0.00	16.52 0.93 0.00	17.15 1.06 0.00	19.60 1.12 0.00	23.52 0.93 0.00	26.94 1.01 0.53	31.48 1.03 0.01	26.41 0.91 0.00	22.50 1.06 0.00	21.43 1.16 0.00	19.43 1.28 0.00	17.52 1.15 0.00
BABYLON__69_KV_BK2 356345	18.74 1.26 0.00	20.02 1.26 0.00	19.78 1.22 0.00	18.21 1.06 0.00	16.48 0.94 0.00	20.26 1.15 0.00	22.60 1.20 0.00	23.16 1.31 0.00	23.51 1.10 0.00	18.44 0.94 0.00	18.44 1.15 0.00	16.81 1.07 0.00	16.74 1.07 0.00	16.66 1.08 0.00	17.31 1.22 0.00	19.88 1.40 0.00	23.91 1.33 0.00	27.41 1.50 0.54	32.14 1.70 0.01	26.97 1.47 0.00	22.86 1.43 0.00	21.62 1.36 0.00	19.61 1.46 0.00	17.67 1.31 0.00
BALL_HILL_WT_PWR 323825	16.90 -0.58 0.00	18.16 -0.59 0.00	17.85 -0.71 0.00	16.44 -0.71 0.00	14.94 -0.59 0.00	18.46 -0.64 0.00	20.80 -0.60 0.00	21.52 -0.48 -0.15	22.12 -0.29 0.00	17.20 -0.30 0.00	17.00 -0.29 0.00	15.43 -0.31 0.00	15.39 -0.29 0.00	15.39 -0.20 0.00	15.83 -0.27 0.00	18.11 -0.36 0.00	21.98 -0.60 0.00	25.49 -0.96 0.00	29.42 -1.03 0.00	24.65 -0.85 0.00	20.33 -1.10 0.00	19.22 -1.04 0.00	17.12 -1.04 0.00	15.49 -0.88 0.00
BARON_WINDS___WT_PWR 323822	17.00 -0.49 0.00	18.17 -0.59 0.00	17.91 -0.65 0.00	16.49 -0.66 0.00	14.88 -0.66 0.00	18.32 -0.78 0.00	20.58 -0.82 0.00	21.20 -0.70 -0.05	21.91 -0.49 0.00	17.09 -0.41 0.00	16.92 -0.37 0.00	15.38 -0.36 0.00	15.28 -0.39 0.00	15.25 -0.34 0.00	15.71 -0.38 0.00	18.03 -0.45 0.00	21.99 -0.60 0.00	25.65 -0.80 0.00	29.61 -0.84 0.00	24.68 -0.83 0.00	20.33 -1.10 0.00	19.25 -1.01 0.00	17.21 -0.94 0.00	15.52 -0.85 0.00
BARRETT_IC_1 23704	18.36 0.87 0.00	19.61 0.86 0.00	19.38 0.82 0.00	17.87 0.72 0.00	16.18 0.64 0.00	19.89 0.78 0.00	22.23 0.83 0.00	22.79 0.94 0.00	23.24 0.83 0.00	18.21 0.71 0.00	18.15 0.87 0.00	16.58 0.83 0.00	16.52 0.85 0.00	16.44 0.85 0.00	17.04 0.95 0.00	19.58 1.10 0.00	23.66 1.08 0.00	28.74 1.14 -1.15	31.72 1.27 0.00	26.61 1.10 0.00	22.51 1.08 0.00	21.31 1.05 0.00	19.25 1.10 0.00	17.34 0.97 0.00
BARRETT_IC_10 23701	18.36 0.87 0.00	19.61 0.86 0.00	19.38 0.82 0.00	17.87 0.72 0.00	16.18 0.64 0.00	19.89 0.78 0.00	22.23 0.83 0.00	22.79 0.94 0.00	23.24 0.83 0.00	18.21 0.71 0.00	18.15 0.87 0.00	16.58 0.83 0.00	16.52 0.85 0.00	16.44 0.85 0.00	17.04 0.95 0.00	19.58 1.10 0.00	23.66 1.08 0.00	14.03 1.14 13.57	31.72 1.27 0.00	26.61 1.10 0.00	22.51 1.08 0.00	21.31 1.05 0.00	19.25 1.10 0.00	17.34 0.97 0.00
BARRETT_IC_11 23702	18.36 0.87 0.00	19.61 0.86 0.00	19.38 0.82 0.00	17.87 0.72 0.00	16.18 0.64 0.00	19.89 0.78 0.00	22.23 0.83 0.00	22.79 0.94 0.00	23.24 0.83 0.00	18.21 0.71 0.00	18.15 0.87 0.00	16.58 0.83 0.00	16.52 0.85 0.00	16.44 0.85 0.00	17.04 0.95 0.00	19.58 1.10 0.00	23.66 1.08 0.00	14.03 1.14 13.57	31.72 1.27 0.00	26.61 1.10 0.00	22.51 1.08 0.00	21.31 1.05 0.00	19.25 1.10 0.00	17.34 0.97 0.00
BARRETT_IC_12 23703	18.36 0.87 0.00	19.61 0.86 0.00	19.38 0.82 0.00	17.87 0.72 0.00	16.18 0.64 0.00	19.89 0.78 0.00	22.23 0.83 0.00	22.79 0.94 0.00	23.24 0.83 0.00	18.21 0.71 0.00	18.15 0.87 0.00	16.58 0.83 0.00	16.52 0.85 0.00	16.44 0.85 0.00	17.04 0.95 0.00	19.58 1.10 0.00	23.66 1.08 0.00	14.03 1.14 13.57	31.72 1.27 0.00	26.61 1.10 0.00	22.51 1.08 0.00	21.31 1.05 0.00	19.25 1.10 0.00	17.34 0.97 0.00
BARRETT_IC_2 23705	18.36 0.87 0.00	19.61 0.86 0.00	19.38 0.82 0.00	17.87 0.72 0.00	16.18 0.64 0.00	19.89 0.78 0.00	22.23 0.83 0.00	22.79 0.94 0.00	23.24 0.83 0.00	18.21 0.71 0.00	18.15 0.87 0.00	16.58 0.83 0.00	16.52 0.85 0.00	16.44 0.85 0.00	17.04 0.95 0.00	19.58 1.10 0.00	23.66 1.08 0.00	28.74 1.14 -1.15	31.72 1.27 0.00	26.61 1.10 0.00	22.51 1.08 0.00	21.31 1.05 0.00	19.25 1.10 0.00	17.34 0.97 0.00
BARRETT_IC_3 23706	18.36 0.87 0.00	19.61 0.86 0.00	19.38 0.82 0.00	17.87 0.72 0.00	16.18 0.64 0.00	19.89 0.78 0.00	22.23 0.83 0.00	22.79 0.94 0.00	23.24 0.83 0.00	18.21 0.71 0.00	18.15 0.87 0.00	16.58 0.83 0.00	16.52 0.85 0.00	16.44 0.85 0.00	17.04 0.95 0.00	19.58 1.10 0.00	23.66 1.08 0.00	28.74 1.14 -1.15	31.72 1.27 0.00	26.61 1.10 0.00	22.51 1.08 0.00	21.31 1.05 0.00	19.25 1.10 0.00	17.34 0.97 0.00
BARRETT_IC_4 23707	18.36 0.87 0.00	19.61 0.86 0.00	19.38 0.82 0.00	17.87 0.72 0.00	16.18 0.64 0.00	19.89 0.78 0.00	22.23 0.83 0.00	22.79 0.94 0.00	23.24 0.83 0.00	18.21 0.71 0.00	18.15 0.87 0.00	16.58 0.83 0.00	16.52 0.85 0.00	16.44 0.85 0.00	17.04 0.95 0.00	19.58 1.10 0.00	23.66 1.08 0.00	28.74 1.14 -1.15	31.72 1.27 0.00	26.61 1.10 0.00	22.51 1.08 0.00	21.31 1.05 0.00	19.25 1.10 0.00	17.34 0.97 0.00

BARRETT_IC_5 23708	18.36 0.87 0.00	19.61 0.86 0.00	19.38 0.82 0.00	17.87 0.72 0.00	16.18 0.64 0.00	19.89 0.78 0.00	22.23 0.83 0.00	22.79 0.94 0.00	23.24 0.83 0.00	18.21 0.71 0.00	18.15 0.87 0.00	16.58 0.83 0.00	16.52 0.85 0.00	16.44 0.85 0.00	17.04 0.95 0.00	19.58 1.10 0.00	23.66 1.08 0.00	28.74 1.14 -1.15	31.72 1.27 0.00	26.61 1.10 0.00	22.51 1.08 0.00	21.31 1.05 0.00	19.25 1.10 0.00	17.34 0.97 0.00
BARRETT_IC_6 23709	18.36 0.87 0.00	19.61 0.86 0.00	19.38 0.82 0.00	17.87 0.72 0.00	16.18 0.64 0.00	19.89 0.78 0.00	22.23 0.83 0.00	22.79 0.94 0.00	23.24 0.83 0.00	18.21 0.71 0.00	18.15 0.87 0.00	16.58 0.83 0.00	16.52 0.85 0.00	16.44 0.85 0.00	17.04 0.95 0.00	19.58 1.10 0.00	23.66 1.08 0.00	28.74 1.14 -1.15	31.72 1.27 0.00	26.61 1.10 0.00	22.51 1.08 0.00	21.31 1.05 0.00	19.25 1.10 0.00	17.34 0.97 0.00
BARRETT_IC_7 23710	18.36 0.87 0.00	19.61 0.86 0.00	19.38 0.82 0.00	17.87 0.72 0.00	16.18 0.64 0.00	19.89 0.78 0.00	22.24 0.84 0.00	22.79 0.94 0.00	23.24 0.83 0.00	18.21 0.71 0.00	18.15 0.87 0.00	16.57 0.83 0.00	16.52 0.85 0.00	16.43 0.84 0.00	17.04 0.95 0.00	19.58 1.10 0.00	23.66 1.08 0.00	28.74 1.15 -1.15	31.72 1.28 0.00	26.61 1.10 0.00	22.51 1.08 0.00	21.31 1.05 0.00	19.25 1.10 0.00	17.34 0.97 0.00
BARRETT_IC_8 23711	18.36 0.87 0.00	19.61 0.86 0.00	19.38 0.82 0.00	17.87 0.72 0.00	16.18 0.64 0.00	19.89 0.78 0.00	22.23 0.83 0.00	22.79 0.94 0.00	23.24 0.83 0.00	18.21 0.71 0.00	18.15 0.87 0.00	16.58 0.83 0.00	16.52 0.85 0.00	16.44 0.85 0.00	17.04 0.95 0.00	19.58 1.10 0.00	23.66 1.08 0.00	28.74 1.14 -1.15	31.72 1.27 0.00	26.61 1.10 0.00	22.51 1.08 0.00	21.31 1.05 0.00	19.25 1.10 0.00	17.34 0.97 0.00
BARRETT_IC_9 23700	18.36 0.87 0.00	19.61 0.86 0.00	19.38 0.82 0.00	17.87 0.72 0.00	16.18 0.64 0.00	19.89 0.78 0.00	22.23 0.83 0.00	22.79 0.94 0.00	23.24 0.83 0.00	18.21 0.71 0.00	18.15 0.87 0.00	16.58 0.83 0.00	16.52 0.85 0.00	16.44 0.85 0.00	17.04 0.95 0.00	19.58 1.10 0.00	23.66 1.08 0.00	14.03 1.14 13.57	31.72 1.27 0.00	26.61 1.10 0.00	22.51 1.08 0.00	21.31 1.05 0.00	19.25 1.10 0.00	17.34 0.97 0.00
BARRETT___1 23545	18.36 0.87 0.00	19.61 0.86 0.00	19.38 0.82 0.00	17.87 0.72 0.00	16.18 0.64 0.00	19.89 0.78 0.00	22.23 0.83 0.00	22.79 0.94 0.00	23.24 0.83 0.00	18.21 0.71 0.00	18.15 0.87 0.00	16.58 0.83 0.00	16.52 0.85 0.00	16.44 0.85 0.00	17.04 0.95 0.00	19.58 1.10 0.00	23.66 1.08 0.00	28.74 1.14 -1.15	31.72 1.27 0.00	26.61 1.10 0.00	22.51 1.08 0.00	21.31 1.05 0.00	19.25 1.10 0.00	17.34 0.97 0.00
BARRETT___2 23546	18.36 0.87 0.00	19.61 0.86 0.00	19.38 0.82 0.00	17.87 0.72 0.00	16.18 0.64 0.00	19.89 0.78 0.00	22.23 0.83 0.00	22.79 0.94 0.00	23.24 0.83 0.00	18.21 0.71 0.00	18.15 0.87 0.00	16.58 0.83 0.00	16.52 0.85 0.00	16.44 0.85 0.00	17.04 0.95 0.00	19.58 1.10 0.00	23.66 1.08 0.00	14.03 1.14 13.57	31.72 1.27 0.00	26.61 1.10 0.00	22.51 1.08 0.00	21.31 1.05 0.00	19.25 1.10 0.00	17.34 0.97 0.00
BATAVIA___115KV_TB1 55881	17.12 -0.36 0.00	18.46 -0.30 0.00	18.13 -0.43 0.00	16.71 -0.44 0.00	15.17 -0.36 0.00	18.74 -0.36 0.00	21.09 -0.31 0.00	21.60 -0.26 -0.01	22.33 -0.08 0.00	17.30 -0.20 0.00	16.93 -0.36 0.00	15.32 -0.43 0.00	15.29 -0.38 0.00	15.27 -0.32 0.00	15.69 -0.40 0.00	17.98 -0.49 0.00	21.93 -0.66 0.00	25.66 -0.79 0.00	29.77 -0.68 0.00	25.12 -0.39 0.00	20.79 -0.65 0.00	19.59 -0.67 0.00	17.48 -0.68 0.00	15.82 -0.54 0.00
BAYONEEC___CTG1 323682	18.29 0.81 0.00	19.58 0.83 0.00	19.38 0.82 0.00	17.87 0.72 0.00	16.18 0.64 0.00	19.90 0.80 0.00	22.34 0.94 0.00	22.93 1.08 0.00	23.49 1.07 0.00	18.37 0.87 0.00	18.20 0.91 0.00	16.65 0.91 0.00	16.60 0.93 0.00	16.49 0.90 0.00	17.06 0.97 0.00	19.64 1.16 0.00	23.89 1.30 0.00	27.98 1.53 0.00	32.14 1.69 0.00	26.92 1.41 0.00	22.72 1.29 0.00	21.47 1.21 0.00	19.28 1.13 0.00	17.37 1.00 0.00
BAYONEEC___CTG10 323750	18.29 0.81 0.00	19.58 0.83 0.00	19.38 0.82 0.00	17.87 0.72 0.00	16.18 0.64 0.00	19.90 0.80 0.00	22.34 0.94 0.00	22.93 1.08 0.00	23.49 1.07 0.00	18.37 0.87 0.00	18.20 0.91 0.00	16.65 0.91 0.00	16.60 0.93 0.00	16.49 0.90 0.00	17.06 0.97 0.00	19.64 1.16 0.00	23.89 1.30 0.00	27.98 1.53 0.00	32.14 1.69 0.00	26.92 1.41 0.00	22.72 1.29 0.00	21.47 1.21 0.00	19.28 1.13 0.00	17.37 1.00 0.00
BAYONEEC___CTG2 323683	18.29 0.81 0.00	19.58 0.83 0.00	19.38 0.82 0.00	17.87 0.72 0.00	16.18 0.64 0.00	19.90 0.80 0.00	22.34 0.94 0.00	22.93 1.08 0.00	23.49 1.07 0.00	18.37 0.87 0.00	18.20 0.91 0.00	16.65 0.91 0.00	16.60 0.93 0.00	16.49 0.90 0.00	17.06 0.97 0.00	19.64 1.16 0.00	23.89 1.30 0.00	27.98 1.53 0.00	32.14 1.69 0.00	26.92 1.41 0.00	22.72 1.29 0.00	21.47 1.21 0.00	19.28 1.13 0.00	17.37 1.00 0.00
BAYONEEC___CTG3 323684	18.29 0.81 0.00	19.58 0.83 0.00	19.38 0.82 0.00	17.87 0.72 0.00	16.18 0.64 0.00	19.90 0.80 0.00	22.34 0.94 0.00	22.93 1.08 0.00	23.49 1.07 0.00	18.37 0.87 0.00	18.20 0.91 0.00	16.65 0.91 0.00	16.60 0.93 0.00	16.49 0.90 0.00	17.06 0.97 0.00	19.64 1.16 0.00	23.89 1.30 0.00	27.98 1.53 0.00	32.14 1.69 0.00	26.92 1.41 0.00	22.72 1.29 0.00	21.47 1.21 0.00	19.28 1.13 0.00	17.37 1.00 0.00
BAYONEEC___CTG4 323685	18.29 0.81 0.00	19.58 0.83 0.00	19.38 0.82 0.00	17.87 0.72 0.00	16.18 0.64 0.00	19.90 0.80 0.00	22.34 0.94 0.00	22.93 1.08 0.00	23.49 1.07 0.00	18.37 0.87 0.00	18.20 0.91 0.00	16.65 0.91 0.00	16.60 0.93 0.00	16.49 0.90 0.00	17.06 0.97 0.00	19.64 1.16 0.00	23.89 1.30 0.00	27.98 1.53 0.00	32.14 1.69 0.00	26.92 1.41 0.00	22.72 1.29 0.00	21.47 1.21 0.00	19.28 1.13 0.00	17.37 1.00 0.00
BAYONEEC___CTG5 323686	18.29 0.81 0.00	19.58 0.83 0.00	19.38 0.82 0.00	17.87 0.72 0.00	16.18 0.64 0.00	19.90 0.80 0.00	22.34 0.94 0.00	22.93 1.08 0.00	23.49 1.07 0.00	18.37 0.87 0.00	18.20 0.91 0.00	16.65 0.91 0.00	16.60 0.93 0.00	16.49 0.90 0.00	17.06 0.97 0.00	19.64 1.16 0.00	23.89 1.30 0.00	27.98 1.53 0.00	32.14 1.69 0.00	26.92 1.41 0.00	22.72 1.29 0.00	21.47 1.21 0.00	19.28 1.13 0.00	17.37 1.00 0.00
BAYONEEC___CTG6 323687	18.29 0.81 0.00	19.58 0.83 0.00	19.38 0.82 0.00	17.87 0.72 0.00	16.18 0.64 0.00	19.90 0.80 0.00	22.34 0.94 0.00	22.93 1.08 0.00	23.49 1.07 0.00	18.37 0.87 0.00	18.20 0.91 0.00	16.65 0.91 0.00	16.60 0.93 0.00	16.49 0.90 0.00	17.06 0.97 0.00	19.64 1.16 0.00	23.89 1.30 0.00	27.98 1.53 0.00	32.14 1.69 0.00	26.92 1.41 0.00	22.72 1.29 0.00	21.47 1.21 0.00	19.28 1.13 0.00	17.37 1.00 0.00

BAYONEEC___CTG7 323688	18.29 0.81 0.00	19.58 0.83 0.00	19.38 0.82 0.00	17.87 0.72 0.00	16.18 0.64 0.00	19.90 0.80 0.00	22.34 0.94 0.00	22.93 1.08 0.00	23.49 1.07 0.00	18.37 0.87 0.00	18.20 0.91 0.00	16.65 0.91 0.00	16.60 0.93 0.00	16.49 0.90 0.00	17.06 0.97 0.00	19.64 1.16 0.00	23.89 1.30 0.00	27.98 1.53 0.00	32.14 1.69 0.00	26.92 1.41 0.00	22.72 1.29 0.00	21.47 1.21 0.00	19.28 1.13 0.00	17.37 1.00 0.00
BAYONEEC___CTG8 323689	18.29 0.81 0.00	19.58 0.83 0.00	19.38 0.82 0.00	17.87 0.72 0.00	16.18 0.64 0.00	19.90 0.80 0.00	22.34 0.94 0.00	22.93 1.08 0.00	23.49 1.07 0.00	18.37 0.87 0.00	18.20 0.91 0.00	16.65 0.91 0.00	16.60 0.93 0.00	16.49 0.90 0.00	17.06 0.97 0.00	19.64 1.16 0.00	23.89 1.30 0.00	27.98 1.53 0.00	32.14 1.69 0.00	26.92 1.41 0.00	22.72 1.29 0.00	21.47 1.21 0.00	19.28 1.13 0.00	17.37 1.00 0.00
BAYONEEC___CTG9 323749	18.29 0.81 0.00	19.58 0.83 0.00	19.38 0.82 0.00	17.87 0.72 0.00	16.18 0.64 0.00	19.90 0.80 0.00	22.34 0.94 0.00	22.93 1.08 0.00	23.49 1.07 0.00	18.37 0.87 0.00	18.20 0.91 0.00	16.65 0.91 0.00	16.60 0.93 0.00	16.49 0.90 0.00	17.06 0.97 0.00	19.64 1.16 0.00	23.89 1.30 0.00	27.98 1.53 0.00	32.14 1.69 0.00	26.92 1.41 0.00	22.72 1.29 0.00	21.47 1.21 0.00	19.28 1.13 0.00	17.37 1.00 0.00
BEACON___LESR 323632	17.84 0.36 0.00	19.07 0.32 0.00	18.87 0.31 0.00	17.48 0.33 0.00	15.83 0.29 0.00	19.48 0.38 0.00	21.87 0.47 0.00	22.38 0.53 0.00	22.86 0.44 0.00	17.83 0.33 0.00	17.54 0.24 0.00	16.00 0.26 0.00	15.91 0.24 0.00	15.88 0.29 0.00	16.42 0.33 0.00	18.89 0.41 0.00	23.19 0.61 0.00	27.17 0.72 0.00	31.26 0.81 0.00	26.16 0.65 0.00	22.04 0.61 0.00	20.88 0.62 0.00	18.69 0.54 0.00	16.78 0.41 0.00
BEAVER RIVER___HYD 24048	17.41 -0.07 0.00	18.71 -0.05 0.00	18.50 -0.06 0.00	17.02 -0.13 0.00	15.56 0.02 0.00	19.27 0.17 0.00	21.53 0.13 0.00	21.88 0.03 0.00	22.49 0.08 0.00	17.46 -0.04 0.00	17.13 -0.16 0.00	15.53 -0.21 0.00	15.38 -0.30 0.00	15.10 -0.49 0.00	15.52 -0.58 0.00	17.83 -0.64 0.00	22.12 -0.47 0.00	26.41 -0.04 0.00	30.98 0.53 0.00	27.23 0.08 -1.64	23.61 -0.18 -2.35	22.15 -0.40 -2.29	18.23 -0.48 -0.56	16.57 -0.48 -0.69
BEEBEE_GT_13 23619	17.04 -0.45 0.00	18.33 -0.43 0.00	18.05 -0.51 0.00	16.65 -0.50 0.00	15.10 -0.44 0.00	18.63 -0.48 0.00	20.91 -0.49 0.00	21.39 -0.45 0.01	22.05 -0.36 0.00	17.16 -0.34 0.00	16.90 -0.39 0.00	15.34 -0.40 0.00	15.32 -0.36 0.00	15.30 -0.29 0.00	15.75 -0.34 0.00	18.07 -0.41 0.00	22.00 -0.58 0.00	25.69 -0.76 0.00	29.66 -0.79 0.00	24.95 -0.56 0.00	20.74 -0.69 0.00	19.56 -0.71 0.00	17.48 -0.67 0.00	15.81 -0.56 0.00
BENSHRST_27_KV_BENSHRST_1 355998	18.43 0.94 0.00	19.74 0.98 0.00	19.58 1.01 -0.01	18.05 0.89 -0.01	16.34 0.80 -0.01	20.10 0.99 0.00	22.58 1.18 0.00	23.17 1.32 0.00	23.74 1.32 -0.01	18.55 1.05 0.00	18.38 1.09 0.00	16.81 1.06 0.00	16.76 1.09 0.00	16.64 1.05 0.00	17.23 1.14 0.00	19.82 1.35 0.00	24.11 1.53 0.00	28.29 1.84 0.00	32.50 2.05 0.00	27.22 1.71 0.00	22.98 1.54 0.00	21.69 1.43 0.00	19.46 1.31 0.00	17.53 1.16 0.00
BETHLEHEM___GRP 23843	17.59 0.11 0.00	18.82 0.07 0.00	18.63 0.06 0.00	17.23 0.08 0.00	15.59 0.06 0.00	19.18 0.07 0.00	21.51 0.11 0.00	21.97 0.12 0.00	22.48 0.07 0.00	17.59 0.09 0.00	17.36 0.07 0.00	15.83 0.09 0.00	15.77 0.09 0.00	15.69 0.10 0.00	16.21 0.12 0.00	18.64 0.16 0.00	22.79 0.21 0.00	26.70 0.25 0.00	30.69 0.23 0.00	25.72 0.21 0.00	21.69 0.25 0.00	20.52 0.26 0.00	18.40 0.25 0.00	16.54 0.17 0.00
BETHLEHEM___GS1 323560	17.59 0.11 0.00	18.82 0.07 0.00	18.63 0.06 0.00	17.23 0.08 0.00	15.59 0.06 0.00	19.18 0.07 0.00	21.51 0.11 0.00	21.97 0.12 0.00	22.48 0.07 0.00	17.59 0.09 0.00	17.36 0.07 0.00	15.84 0.10 0.00	15.77 0.09 0.00	15.69 0.10 0.00	16.21 0.12 0.00	18.64 0.16 0.00	22.79 0.20 0.00	26.70 0.25 0.00	30.68 0.23 0.00	25.72 0.21 0.00	21.69 0.26 0.00	20.52 0.26 0.00	18.40 0.24 0.00	16.54 0.17 0.00
BETHLEHEM___GS2 323561	17.59 0.11 0.00	18.82 0.07 0.00	18.63 0.06 0.00	17.23 0.08 0.00	15.59 0.06 0.00	19.18 0.07 0.00	21.51 0.11 0.00	21.97 0.12 0.00	22.48 0.07 0.00	17.59 0.09 0.00	17.36 0.07 0.00	15.84 0.10 0.00	15.77 0.09 0.00	15.69 0.10 0.00	16.21 0.12 0.00	18.64 0.16 0.00	22.79 0.20 0.00	26.70 0.25 0.00	30.68 0.23 0.00	25.72 0.21 0.00	21.69 0.26 0.00	20.52 0.26 0.00	18.40 0.24 0.00	16.54 0.17 0.00
BETHLEHEM___GS3 323562	17.59 0.11 0.00	18.82 0.07 0.00	18.63 0.06 0.00	17.23 0.08 0.00	15.59 0.06 0.00	19.18 0.07 0.00	21.51 0.11 0.00	21.97 0.12 0.00	22.48 0.07 0.00	17.59 0.09 0.00	17.36 0.07 0.00	15.84 0.10 0.00	15.77 0.09 0.00	15.69 0.10 0.00	16.21 0.12 0.00	18.64 0.16 0.00	22.79 0.20 0.00	26.70 0.25 0.00	30.68 0.23 0.00	25.72 0.21 0.00	21.69 0.26 0.00	20.52 0.26 0.00	18.40 0.24 0.00	16.54 0.17 0.00
BETHLEHEM___STEEL 23779	16.91 -0.58 0.00	18.21 -0.55 0.00	17.88 -0.68 0.00	16.48 -0.67 0.00	14.96 -0.58 0.00	18.46 -0.64 0.00	20.78 -0.62 0.00	21.44 -0.54 -0.12	22.06 -0.35 0.00	17.18 -0.32 0.00	16.95 -0.34 0.00	15.36 -0.39 0.00	15.33 -0.34 0.00	15.34 -0.25 0.00	15.76 -0.33 0.00	18.04 -0.44 0.00	21.87 -0.72 0.00	25.34 -1.11 0.00	29.25 -1.20 0.00	24.61 -0.90 0.00	20.33 -1.10 0.00	19.21 -1.05 0.00	17.14 -1.01 0.00	15.55 -0.82 0.00
BETHLHEM_115KV_TB1 79974	17.63 0.15 0.00	18.87 0.11 0.00	18.67 0.11 0.00	17.27 0.13 0.00	15.64 0.10 0.00	19.23 0.12 0.00	21.57 0.17 0.00	22.03 0.18 0.00	22.55 0.14 0.00	17.63 0.13 0.00	17.41 0.12 0.00	15.88 0.13 0.00	15.80 0.13 0.00	15.73 0.13 0.00	16.25 0.16 0.00	18.67 0.20 0.00	22.84 0.25 0.00	26.76 0.31 0.00	30.76 0.31 0.00	25.78 0.27 0.00	21.74 0.31 0.00	20.57 0.31 0.00	18.44 0.29 0.00	16.58 0.21 0.00
BETHPAGE_CC_5 323564	18.53 1.05 0.00	19.80 1.04 0.00	19.57 1.01 0.00	18.03 0.87 0.00	16.32 0.78 0.00	20.06 0.95 0.00	22.40 1.00 0.00	22.95 1.10 0.00	23.34 0.94 0.00	18.31 0.82 0.00	18.29 1.00 0.00	16.69 0.95 0.00	16.63 0.96 0.00	16.55 0.96 0.00	17.18 1.09 0.00	19.72 1.25 0.00	23.73 1.15 0.00	27.27 1.29 0.47	31.90 1.46 0.01	26.75 1.24 0.00	22.65 1.21 0.00	21.42 1.16 0.00	19.42 1.26 0.00	17.50 1.14 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	16.96 -0.52 0.00	18.27 -0.49 0.00	17.94 -0.62 0.00	16.53 -0.62 0.00	15.00 -0.54 0.00	18.51 -0.59 0.00	20.83 -0.57 0.00	21.50 -0.47 -0.12	22.14 -0.27 0.00	17.24 -0.26 0.00	17.00 -0.29 0.00	15.41 -0.33 0.00	15.38 -0.29 0.00	15.39 -0.19 0.00	15.81 -0.28 0.00	18.11 -0.37 0.00	21.96 -0.63 0.00	25.44 -1.01 0.00	29.37 -1.08 0.00	24.71 -0.80 0.00	20.42 -1.02 0.00	19.29 -0.97 0.00	17.22 -0.94 0.00	15.61 -0.76 0.00

BINGHAMTON___COGEN 23790	17.44 -0.04 0.00	18.71 -0.05 0.00	18.49 -0.07 0.00	17.06 -0.09 0.00	15.48 -0.06 0.00	19.05 -0.06 0.00	21.38 -0.02 0.00	21.90 0.03 -0.01	22.46 0.05 0.00	17.48 -0.02 0.00	17.29 0.00 0.00	15.77 0.03 0.00	15.70 0.03 0.00	15.64 0.05 0.00	16.13 0.04 0.00	18.51 0.04 0.00	22.66 0.07 0.00	26.48 0.03 0.00	30.58 0.13 0.00	25.62 0.11 0.00	21.39 -0.04 0.00	20.24 -0.02 0.00	18.12 -0.03 0.00	16.30 -0.06 0.00
BIXINCNT_115KV_LOAD 355685	17.07 -0.42 0.00	18.34 -0.41 0.00	18.01 -0.55 0.00	16.54 -0.61 0.00	14.92 -0.62 0.00	18.28 -0.83 0.00	20.70 -0.70 0.00	21.48 -0.48 -0.10	22.24 -0.17 0.00	17.36 -0.14 0.00	17.14 -0.15 0.00	15.51 -0.23 0.00	15.40 -0.28 0.00	15.45 -0.14 0.00	15.92 -0.17 0.00	18.24 -0.24 0.00	22.14 -0.44 0.00	25.71 -0.74 0.00	29.63 -0.82 0.00	24.97 -0.53 0.00	20.59 -0.85 0.00	19.49 -0.77 0.00	17.37 -0.79 0.00	15.68 -0.69 0.00
BLACK RIVER___HYD 24047	17.32 -0.17 0.00	18.60 -0.16 0.00	18.37 -0.19 0.00	16.91 -0.24 0.00	15.49 -0.04 0.00	19.21 0.10 0.00	21.44 0.03 0.00	21.74 -0.11 0.00	22.35 -0.06 0.00	17.32 -0.17 0.00	16.96 -0.33 0.00	15.37 -0.37 0.00	15.20 -0.48 0.00	14.88 -0.71 0.00	15.26 -0.83 0.00	17.55 -0.93 0.00	21.86 -0.72 0.00	26.22 -0.22 0.00	30.94 0.49 0.00	26.66 0.01 -1.15	22.80 -0.28 -1.64	21.39 -0.47 -1.60	17.98 -0.57 -0.39	16.27 -0.57 -0.48
BLACKRVR_115KV_TB2 79977	17.32 -0.16 0.00	18.60 -0.16 0.00	18.37 -0.19 0.00	16.91 -0.24 0.00	15.49 -0.05 0.00	19.21 0.10 0.00	21.44 0.03 0.00	21.74 -0.11 0.00	22.35 -0.06 0.00	17.32 -0.17 0.00	16.96 -0.33 0.00	15.37 -0.37 0.00	15.20 -0.48 0.00	14.88 -0.71 0.00	15.26 -0.83 0.00	17.55 -0.93 0.00	21.86 -0.72 0.00	26.22 -0.22 0.00	30.94 0.49 0.00	26.66 0.01 -1.15	22.80 -0.28 -1.64	21.39 -0.47 -1.60	17.98 -0.57 -0.39	16.27 -0.57 -0.48
BLISS_WT_PWR 323608	17.04 -0.44 0.00	18.30 -0.45 0.00	17.96 -0.60 0.00	16.50 -0.66 0.00	14.85 -0.69 0.00	18.15 -0.95 0.00	20.58 -0.82 0.00	21.39 -0.57 -0.10	22.18 -0.23 0.00	17.33 -0.17 0.00	17.12 -0.17 0.00	15.46 -0.28 0.00	15.33 -0.34 0.00	15.38 -0.20 0.00	15.89 -0.21 0.00	18.21 -0.27 0.00	22.10 -0.49 0.00	25.65 -0.79 0.00	29.55 -0.90 0.00	24.91 -0.59 0.00	20.52 -0.91 0.00	19.44 -0.83 0.00	17.31 -0.85 0.00	15.62 -0.74 0.00
BLUESTONE___WT_PWR 323821	18.29 0.80 0.00	19.59 0.83 0.00	19.31 0.76 0.00	17.73 0.58 0.00	16.07 0.53 0.00	19.79 0.69 0.00	22.32 0.92 0.00	22.96 1.09 -0.01	23.50 1.09 0.00	18.10 0.60 0.00	17.91 0.62 0.00	16.34 0.60 0.00	16.23 0.55 0.00	16.09 0.50 0.00	16.56 0.47 0.00	19.02 0.55 0.00	23.55 0.96 0.00	27.77 1.32 0.00	32.05 1.59 0.00	26.83 1.32 0.00	22.42 0.98 0.00	21.01 0.75 0.00	18.68 0.53 0.00	16.76 0.40 0.00
BLUE_CIRC_CHEM_DRP 24182	17.80 0.32 0.00	19.07 0.31 0.00	18.87 0.31 0.00	17.48 0.33 0.00	15.82 0.28 0.00	19.45 0.35 0.00	21.81 0.41 0.00	22.26 0.41 0.00	22.74 0.32 0.00	17.69 0.19 0.00	17.44 0.14 0.00	15.90 0.16 0.00	15.83 0.16 0.00	15.75 0.16 0.00	16.27 0.18 0.00	18.70 0.22 0.00	22.97 0.38 0.00	26.99 0.54 0.00	31.06 0.61 0.00	26.02 0.52 0.00	21.94 0.51 0.00	20.76 0.50 0.00	18.61 0.46 0.00	16.75 0.38 0.00
BOC_GAS_DRP 24189	17.72 0.23 0.00	18.99 0.24 0.00	18.80 0.24 0.00	17.39 0.24 0.00	15.75 0.21 0.00	19.36 0.25 0.00	21.70 0.30 0.00	22.16 0.31 0.00	22.70 0.28 0.00	17.73 0.23 0.00	17.53 0.24 0.00	15.98 0.24 0.00	15.91 0.24 0.00	15.83 0.24 0.00	16.35 0.26 0.00	18.78 0.30 0.00	22.96 0.37 0.00	26.90 0.44 0.00	30.91 0.47 0.00	25.91 0.40 0.00	21.84 0.41 0.00	20.67 0.40 0.00	18.53 0.38 0.00	16.68 0.31 0.00
BOONVILLE_115KV_TB1 79983	17.64 0.16 0.00	18.95 0.19 0.00	18.75 0.19 0.00	17.28 0.13 0.00	15.73 0.20 0.00	19.42 0.31 0.00	21.74 0.35 0.00	22.17 0.31 0.00	22.73 0.31 0.00	17.68 0.17 0.00	17.38 0.09 0.00	15.79 0.05 0.00	15.70 0.02 0.00	15.51 -0.08 0.00	15.99 -0.10 0.00	18.36 -0.11 0.00	22.65 0.06 0.00	26.82 0.37 0.00	31.17 0.72 0.00	26.54 0.41 -0.62	22.53 0.21 -0.89	21.19 0.06 -0.86	18.35 -0.02 -0.21	16.58 -0.04 -0.26
BORALEX_4TH_BRANCH 23824	18.18 0.70 0.00	19.46 0.70 0.00	19.31 0.75 0.00	17.87 0.72 0.00	16.17 0.63 0.00	19.93 0.83 0.00	22.36 0.96 0.00	22.84 0.99 0.00	23.33 0.92 0.00	18.18 0.69 0.00	17.91 0.62 0.00	16.28 0.54 0.00	16.19 0.51 0.00	16.13 0.54 0.00	16.70 0.60 0.00	19.14 0.66 0.00	23.59 1.00 0.00	27.29 0.84 0.00	31.31 0.86 0.00	26.29 0.79 0.00	22.27 0.83 0.00	21.28 1.01 0.00	19.14 0.98 0.00	17.13 0.77 0.00
BOWLINE___1 23526	18.01 0.53 0.00	19.32 0.56 0.00	19.12 0.56 0.00	17.63 0.48 0.00	15.98 0.44 0.00	19.66 0.56 0.00	22.09 0.69 0.00	22.67 0.82 0.00	23.22 0.80 0.00	18.13 0.63 0.00	17.94 0.65 0.00	16.41 0.67 0.00	16.37 0.69 0.00	16.27 0.68 0.00	16.83 0.74 0.00	19.35 0.88 0.00	23.60 1.02 0.00	27.66 1.21 0.00	31.81 1.37 0.00	26.64 1.14 0.00	22.44 1.01 0.00	21.22 0.96 0.00	19.06 0.90 0.00	17.15 0.79 0.00
BOWLINE___2 23595	18.01 0.53 0.00	19.32 0.56 0.00	19.12 0.56 0.00	17.63 0.48 0.00	15.98 0.44 0.00	19.66 0.56 0.00	22.09 0.69 0.00	22.67 0.82 0.00	23.22 0.80 0.00	18.13 0.63 0.00	17.94 0.65 0.00	16.41 0.67 0.00	16.37 0.69 0.00	16.27 0.68 0.00	16.83 0.74 0.00	19.35 0.88 0.00	23.60 1.02 0.00	27.66 1.21 0.00	31.81 1.37 0.00	26.64 1.14 0.00	22.44 1.01 0.00	21.22 0.96 0.00	19.06 0.90 0.00	17.15 0.79 0.00
BRADY___115KV_TB2 356060	17.80 0.32 0.00	19.08 0.33 0.00	18.90 0.34 0.00	17.44 0.29 0.00	15.82 0.28 0.00	19.45 0.34 0.00	21.78 0.38 0.00	22.30 0.45 0.00	23.01 0.60 0.00	17.90 0.40 0.00	17.55 0.26 0.00	15.89 0.15 0.00	15.80 0.13 0.00	15.68 0.09 0.00	16.19 0.09 0.00	18.58 0.10 0.00	22.74 0.15 0.00	26.79 0.35 0.00	31.03 0.58 0.00	28.02 0.45 -2.06	24.75 0.36 -2.96	23.43 0.28 -2.88	19.01 0.15 -0.70	17.38 0.15 -0.86
BRANSCOMB___SOLAR 323811	18.12 0.64 0.00	19.41 0.65 0.00	19.24 0.68 0.00	17.78 0.63 0.00	16.09 0.56 0.00	19.82 0.71 0.00	22.23 0.83 0.00	22.72 0.86 0.00	23.21 0.80 0.00	17.95 0.45 0.00	17.65 0.36 0.00	16.08 0.34 0.00	16.00 0.33 0.00	15.92 0.33 0.00	16.46 0.37 0.00	18.96 0.49 0.00	23.43 0.85 0.00	27.52 1.07 0.00	31.70 1.25 0.00	26.57 1.06 0.00	22.41 0.97 0.00	21.20 0.94 0.00	18.98 0.83 0.00	17.01 0.64 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	18.67 1.19 0.00	19.96 1.21 0.00	19.72 1.15 0.00	18.16 1.01 0.00	16.44 0.90 0.00	20.20 1.09 0.00	22.52 1.12 0.00	23.07 1.21 0.00	23.39 0.98 0.00	18.36 0.86 0.00	18.38 1.09 0.00	16.76 1.02 0.00	16.70 1.02 0.00	16.61 1.02 0.00	17.26 1.17 0.00	19.83 1.36 0.00	23.81 1.22 0.00	27.23 1.37 0.59	31.98 1.54 0.01	26.83 1.32 0.00	22.74 1.31 0.00	21.47 1.21 0.00	19.51 1.35 0.00	17.60 1.23 0.00

BRISTLHL_115KV_TB1 79998	17.10 -0.38 0.00	18.36 -0.40 0.00	18.14 -0.42 0.00	16.76 -0.39 0.00	15.19 -0.35 0.00	18.69 -0.41 0.00	20.91 -0.49 0.00	21.32 -0.54 0.00	21.83 -0.58 0.00	17.03 -0.47 0.00	16.81 -0.48 0.00	15.30 -0.44 0.00	15.24 -0.44 0.00	15.16 -0.43 0.00	15.63 -0.46 0.00	17.96 -0.52 0.00	21.94 -0.65 0.00	25.75 -0.70 0.00	29.74 -0.72 0.00	24.92 -0.59 0.00	20.87 -0.57 0.00	19.71 -0.55 0.00	17.67 -0.49 0.00	15.94 -0.43 0.00
BROOKHAVEN___DRP 24191	18.64 1.15 0.00	19.91 1.15 0.00	19.66 1.10 0.00	18.11 0.96 0.00	16.38 0.85 0.00	20.14 1.03 0.00	22.46 1.06 0.00	23.02 1.17 0.00	23.31 0.90 0.00	18.28 0.78 0.00	18.28 0.99 0.00	16.66 0.92 0.00	16.59 0.91 0.00	16.50 0.91 0.00	17.14 1.05 0.00	19.72 1.25 0.00	23.65 1.06 0.00	27.04 1.20 0.61	31.79 1.34 0.01	26.69 1.19 0.00	22.61 1.18 0.00	21.35 1.09 0.00	19.41 1.25 0.00	17.49 1.13 0.00
BROOKLYN_NAVY_YARD 23515	18.24 0.76 0.00	19.55 0.79 0.00	19.36 0.80 0.00	17.85 0.70 0.00	16.16 0.62 0.00	19.87 0.76 0.00	22.31 0.91 0.00	22.89 1.04 0.00	23.44 1.03 0.00	18.33 0.83 0.00	18.16 0.87 0.00	16.62 0.88 0.00	16.57 0.89 0.00	16.45 0.86 0.00	17.03 0.93 0.00	19.60 1.12 0.00	23.84 1.26 0.00	28.29 1.48 -0.36	32.06 1.61 0.00	26.86 1.35 0.00	22.67 1.24 0.00	21.43 1.16 0.00	19.24 1.08 0.00	17.33 0.96 0.00
BROOKLYN___ARMY_DRP 323595	18.34 0.86 0.00	19.67 0.90 0.00	19.50 0.93 -0.01	17.98 0.82 -0.01	16.28 0.74 -0.01	20.03 0.92 0.00	22.49 1.09 0.00	23.08 1.22 0.00	23.63 1.22 -0.01	18.47 0.97 0.00	18.30 1.01 0.00	16.73 0.98 0.00	16.68 1.00 0.00	16.56 0.97 0.00	17.14 1.05 0.00	19.73 1.25 0.00	23.99 1.41 0.00	28.14 1.69 0.00	32.32 1.88 0.00	27.07 1.56 0.00	22.85 1.42 0.00	21.59 1.32 0.00	19.37 1.22 0.00	17.45 1.08 0.00
BROOKVLE_69_KV_TB1 55790	18.49 1.01 0.00	19.77 1.01 0.00	19.54 0.98 0.00	18.00 0.85 0.00	16.30 0.76 0.00	20.04 0.94 0.00	22.42 1.03 0.00	22.99 1.14 0.00	23.44 1.03 0.00	18.37 0.88 0.00	18.30 1.01 0.00	16.71 0.97 0.00	16.66 0.99 0.00	16.57 0.98 0.00	17.19 1.10 0.00	19.77 1.29 0.00	23.91 1.33 0.00	27.93 1.49 0.01	32.13 1.68 0.00	26.93 1.42 0.00	22.77 1.33 0.00	21.52 1.26 0.00	19.43 1.27 0.00	17.49 1.13 0.00
BROOME_2_LFGE 323671	17.44 -0.04 0.00	18.71 -0.05 0.00	18.50 -0.07 0.00	17.07 -0.09 0.00	15.48 -0.06 0.00	19.05 -0.05 0.00	21.38 -0.02 0.00	21.90 0.03 -0.01	22.46 0.05 0.00	17.48 -0.02 0.00	17.29 0.00 0.00	15.77 0.03 0.00	15.70 0.03 0.00	15.64 0.05 0.00	16.13 0.04 0.00	18.51 0.04 0.00	22.66 0.07 0.00	26.48 0.03 0.00	30.58 0.13 0.00	25.62 0.11 0.00	21.39 -0.04 0.00	20.24 -0.02 0.00	18.12 -0.03 0.00	16.31 -0.06 0.00
BROOME___LFGE 323600	17.44 -0.04 0.00	18.71 -0.05 0.00	18.50 -0.07 0.00	17.07 -0.09 0.00	15.48 -0.06 0.00	19.05 -0.05 0.00	21.38 -0.02 0.00	21.90 0.03 -0.01	22.46 0.05 0.00	17.48 -0.02 0.00	17.29 0.00 0.00	15.77 0.03 0.00	15.70 0.03 0.00	15.64 0.05 0.00	16.13 0.04 0.00	18.51 0.04 0.00	22.66 0.07 0.00	26.48 0.03 0.00	30.58 0.13 0.00	25.62 0.11 0.00	21.39 -0.04 0.00	20.24 -0.02 0.00	18.12 -0.03 0.00	16.31 -0.06 0.00
BROWNFLS_115KV_TB 3_5 80003	17.53 0.04 0.00	18.81 0.06 0.00	18.62 0.05 0.00	17.15 0.00 0.00	15.63 0.09 0.00	19.30 0.19 0.00	21.58 0.18 0.00	22.00 0.15 0.00	22.66 0.25 0.00	17.62 0.12 0.00	17.30 0.01 0.00	15.67 -0.07 0.00	15.54 -0.13 0.00	15.32 -0.26 0.00	15.77 -0.32 0.00	18.12 -0.36 0.00	22.35 -0.23 0.00	26.52 0.07 0.00	30.90 0.45 0.00	28.60 0.14 -2.95	25.63 -0.03 -4.23	24.21 -0.17 -4.12	18.89 -0.28 -1.01	17.33 -0.27 -1.23
BROWNSV1_27_KV_LOAD 356125	18.44 0.96 0.00	19.75 0.99 0.00	19.53 0.97 0.00	18.00 0.85 0.00	16.30 0.77 0.00	20.05 0.94 0.00	22.51 1.12 0.00	23.11 1.26 0.00	23.67 1.26 0.00	18.53 1.03 0.00	18.36 1.07 0.00	16.79 1.05 0.00	16.74 1.07 0.00	16.63 1.04 0.00	17.22 1.12 0.00	19.82 1.34 0.00	24.11 1.52 0.00	28.24 1.79 0.00	32.44 1.99 0.00	27.18 1.67 0.00	22.93 1.50 0.00	21.67 1.41 0.00	19.44 1.29 0.00	17.51 1.15 0.00
BURROWS___LYONSDAL 23803	17.56 0.07 0.00	18.87 0.11 0.00	18.66 0.10 0.00	17.19 0.04 0.00	15.67 0.13 0.00	19.37 0.26 0.00	21.68 0.28 0.00	22.07 0.21 0.00	22.64 0.23 0.00	17.61 0.11 0.00	17.31 0.02 0.00	15.72 -0.02 0.00	15.61 -0.06 0.00	15.39 -0.20 0.00	15.85 -0.24 0.00	18.21 -0.27 0.00	22.50 -0.09 0.00	26.69 0.24 0.00	31.11 0.66 0.00	26.63 0.30 -0.82	22.69 0.08 -1.17	21.29 -0.11 -1.14	18.25 -0.19 -0.28	16.51 -0.20 -0.34
CAITHNESS_CC_1 323624	18.60 1.12 0.00	19.87 1.11 0.00	19.62 1.07 0.00	18.08 0.93 0.00	16.36 0.82 0.00	20.10 1.00 0.00	22.42 1.02 0.00	22.98 1.12 0.00	23.27 0.86 0.00	18.26 0.76 0.00	18.26 0.97 0.00	16.65 0.91 0.00	16.57 0.90 0.00	16.49 0.90 0.00	17.13 1.04 0.00	19.70 1.22 0.00	23.62 1.03 0.00	26.99 1.16 0.61	31.73 1.29 0.01	26.64 1.14 0.00	22.57 1.14 0.00	21.32 1.06 0.00	19.38 1.23 0.00	17.48 1.11 0.00
CALPINE BETH_PAGE_GT4 24209	18.52 1.04 0.00	19.79 1.03 0.00	19.56 1.00 0.00	18.01 0.86 0.00	16.31 0.78 0.00	20.05 0.94 0.00	22.40 1.00 0.00	22.95 1.10 0.00	23.35 0.94 0.00	18.32 0.82 0.00	18.28 0.99 0.00	16.68 0.94 0.00	16.62 0.95 0.00	16.54 0.95 0.00	17.17 1.08 0.00	19.71 1.24 0.00	23.71 1.12 0.00	27.31 1.26 0.40	31.87 1.42 0.01	26.71 1.21 0.00	22.61 1.18 0.00	21.39 1.12 0.00	19.41 1.26 0.00	17.50 1.13 0.00
CALPINE_BETH_PAGE_GT_4 323586	18.52 1.04 0.00	19.79 1.03 0.00	19.56 0.99 0.00	18.01 0.86 0.00	16.31 0.78 0.00	20.05 0.94 0.00	22.40 1.00 0.00	22.95 1.09 0.00	23.35 0.94 0.00	18.32 0.82 0.00	18.28 0.99 0.00	16.68 0.94 0.00	16.63 0.95 0.00	16.55 0.96 0.00	17.17 1.08 0.00	19.71 1.24 0.00	23.71 1.12 0.00	27.31 1.26 0.40	31.87 1.43 0.01	26.71 1.21 0.00	22.61 1.18 0.00	21.39 1.13 0.00	19.41 1.26 0.00	17.50 1.13 0.00
CALPINE_BP_GT1 23823	18.52 1.04 0.00	19.79 1.03 0.00	19.56 0.99 0.00	18.01 0.86 0.00	16.31 0.78 0.00	20.05 0.94 0.00	22.40 1.00 0.00	22.95 1.09 0.00	23.35 0.94 0.00	18.32 0.82 0.00	18.28 0.99 0.00	16.68 0.94 0.00	16.63 0.95 0.00	16.55 0.96 0.00	17.17 1.08 0.00	19.71 1.24 0.00	23.71 1.12 0.00	27.31 1.26 0.40	31.87 1.43 0.01	26.71 1.21 0.00	22.61 1.18 0.00	21.39 1.13 0.00	19.41 1.26 0.00	17.50 1.13 0.00
CALSPAN___DRP 24200	16.91 -0.58 0.00	18.21 -0.55 0.00	17.88 -0.68 0.00	16.48 -0.67 0.00	14.96 -0.58 0.00	18.46 -0.64 0.00	20.78 -0.62 0.00	21.44 -0.54 -0.12	22.06 -0.35 0.00	17.18 -0.32 0.00	16.95 -0.34 0.00	15.36 -0.39 0.00	15.33 -0.34 0.00	15.34 -0.25 0.00	15.76 -0.33 0.00	18.04 -0.44 0.00	21.87 -0.72 0.00	25.34 -1.11 0.00	29.25 -1.20 0.00	24.61 -0.90 0.00	20.33 -1.10 0.00	19.21 -1.05 0.00	17.14 -1.01 0.00	15.55 -0.82 0.00

CALVERTON___SOLAR 323806	18.68 1.20 0.00	19.95 1.19 0.00	19.71 1.15 0.00	18.15 1.00 0.00	16.42 0.88 0.00	20.18 1.07 0.00	22.51 1.11 0.00	23.08 1.22 0.00	23.35 0.95 0.00	18.31 0.81 0.00	18.31 1.02 0.00	16.68 0.94 0.00	16.60 0.93 0.00	16.51 0.93 0.00	17.15 1.06 0.00	19.74 1.27 0.00	23.68 1.09 0.00	27.07 1.24 0.61	31.84 1.40 0.01	26.74 1.23 0.00	22.65 1.21 0.00	21.38 1.11 0.00	19.43 1.27 0.00	17.51 1.14 0.00
CANDIGU_WT_PWR 323617	17.00 -0.49 0.00	18.17 -0.59 0.00	17.91 -0.65 0.00	16.49 -0.66 0.00	14.88 -0.66 0.00	18.32 -0.78 0.00	20.58 -0.82 0.00	21.20 -0.70 -0.05	21.91 -0.49 0.00	17.09 -0.41 0.00	16.92 -0.37 0.00	15.38 -0.36 0.00	15.28 -0.39 0.00	15.25 -0.34 0.00	15.71 -0.38 0.00	18.03 -0.45 0.00	21.99 -0.60 0.00	25.65 -0.80 0.00	29.61 -0.84 0.00	24.68 -0.83 0.00	20.33 -1.10 0.00	19.25 -1.01 0.00	17.21 -0.94 0.00	15.52 -0.85 0.00
CARR STREET_E_SYR 24060	17.21 -0.28 0.00	18.46 -0.29 0.00	18.25 -0.31 0.00	16.85 -0.30 0.00	15.28 -0.26 0.00	18.80 -0.31 0.00	21.05 -0.35 0.00	21.46 -0.39 0.00	21.99 -0.42 0.00	17.16 -0.34 0.00	16.95 -0.34 0.00	15.43 -0.31 0.00	15.37 -0.31 0.00	15.30 -0.29 0.00	15.79 -0.31 0.00	18.13 -0.35 0.00	22.17 -0.42 0.00	25.96 -0.49 0.00	29.96 -0.49 0.00	25.10 -0.41 0.00	21.01 -0.42 0.00	19.86 -0.40 0.00	17.79 -0.37 0.00	16.05 -0.32 0.00
CARTHAGE___PAPER 23857	17.48 -0.01 0.00	18.77 0.02 0.00	18.56 0.00 0.00	17.07 -0.08 0.00	15.63 0.09 0.00	19.37 0.26 0.00	21.62 0.22 0.00	21.96 0.11 0.00	22.57 0.16 0.00	17.49 -0.01 0.00	17.13 -0.16 0.00	15.50 -0.24 0.00	15.34 -0.33 0.00	15.04 -0.55 0.00	15.44 -0.65 0.00	17.75 -0.72 0.00	22.10 -0.49 0.00	26.49 0.04 0.00	31.19 0.74 0.00	27.08 0.23 -1.34	23.28 -0.07 -1.92	21.84 -0.29 -1.87	18.21 -0.40 -0.46	16.51 -0.42 -0.56
CASSADAGA_WT_PWR 323784	17.00 -0.48 0.00	18.15 -0.60 0.00	17.81 -0.75 0.00	16.39 -0.76 0.00	14.99 -0.55 0.00	18.57 -0.54 0.00	21.00 -0.40 0.00	21.76 -0.21 -0.12	22.48 0.06 0.00	17.46 -0.04 0.00	17.29 0.00 0.00	15.72 -0.03 0.00	15.64 -0.04 0.00	15.65 0.06 0.00	16.08 -0.02 0.00	18.38 -0.10 0.00	22.32 -0.27 0.00	25.95 -0.50 0.00	29.83 -0.62 0.00	24.87 -0.63 0.00	20.33 -1.11 0.00	19.13 -1.13 0.00	16.93 -1.22 0.00	15.30 -1.07 0.00
CE_DUNWOOD___DRP 24194	18.21 0.72 0.00	19.50 0.74 0.00	19.29 0.73 0.00	17.80 0.65 0.00	16.11 0.58 0.00	19.82 0.71 0.00	22.24 0.85 0.00	22.82 0.96 0.00	23.37 0.96 0.00	18.27 0.77 0.00	18.10 0.81 0.00	16.54 0.80 0.00	16.49 0.82 0.00	16.39 0.80 0.00	16.97 0.87 0.00	19.52 1.04 0.00	23.77 1.18 0.00	27.83 1.38 0.00	31.99 1.54 0.00	26.80 1.30 0.00	22.61 1.17 0.00	21.37 1.11 0.00	19.19 1.04 0.00	17.28 0.91 0.00
CE_MILLWOOD___DRP 24193	18.17 0.69 0.00	19.47 0.71 0.00	19.26 0.70 0.00	17.77 0.62 0.00	16.09 0.56 0.00	19.79 0.69 0.00	22.22 0.82 0.00	22.79 0.93 0.00	23.33 0.92 0.00	18.24 0.74 0.00	18.07 0.77 0.00	16.51 0.77 0.00	16.46 0.79 0.00	16.36 0.77 0.00	16.94 0.84 0.00	19.48 1.00 0.00	23.73 1.14 0.00	27.79 1.34 0.00	31.94 1.49 0.00	26.76 1.26 0.00	22.57 1.14 0.00	21.34 1.08 0.00	19.16 1.01 0.00	17.25 0.88 0.00
CE_NYC2_DRP 24202	18.38 0.89 0.00	19.68 0.92 0.00	19.49 0.92 -0.01	17.97 0.81 -0.01	16.27 0.72 -0.01	20.00 0.89 0.00	22.45 1.05 0.00	23.03 1.18 0.00	23.60 1.19 -0.01	18.45 0.95 0.00	18.27 0.98 0.00	16.71 0.97 0.00	16.66 0.99 0.00	16.55 0.96 0.00	17.13 1.04 0.00	19.71 1.23 0.00	23.94 1.36 0.00	28.07 1.62 0.00	32.23 1.78 0.00	26.99 1.48 0.00	22.79 1.36 0.00	21.53 1.26 0.00	19.32 1.17 0.00	17.41 1.05 0.00
CE_NYC_DRP 24195	18.32 0.83 0.00	19.62 0.86 0.00	19.42 0.86 0.00	17.90 0.75 0.00	16.21 0.67 0.00	19.93 0.83 0.00	22.38 0.98 0.00	22.97 1.12 0.00	23.53 1.12 0.00	18.40 0.90 0.00	18.24 0.94 0.00	16.68 0.94 0.00	16.63 0.96 0.00	16.52 0.93 0.00	17.10 1.00 0.00	19.67 1.20 0.00	23.94 1.35 0.00	28.03 1.58 0.00	32.20 1.75 0.00	26.97 1.46 0.00	22.76 1.33 0.00	21.51 1.25 0.00	19.31 1.15 0.00	17.39 1.03 0.00
CHAFFEE___LFGE 323603	16.98 -0.50 0.00	18.29 -0.47 0.00	17.96 -0.60 0.00	16.56 -0.59 0.00	15.04 -0.50 0.00	18.56 -0.55 0.00	20.88 -0.52 0.00	21.54 -0.42 -0.11	22.18 -0.23 0.00	17.27 -0.23 0.00	17.03 -0.26 0.00	15.41 -0.32 0.00	15.39 -0.28 0.00	15.39 -0.20 0.00	15.82 -0.27 0.00	18.12 -0.36 0.00	21.97 -0.61 0.00	25.48 -0.96 0.00	29.46 -0.99 0.00	24.78 -0.72 0.00	20.48 -0.95 0.00	19.34 -0.92 0.00	17.27 -0.89 0.00	15.64 -0.72 0.00
CHATEAUG_35_KV_LOAD 355732	17.18 -0.30 0.00	18.40 -0.36 0.00	18.30 -0.26 0.00	16.94 -0.20 0.00	15.34 -0.19 0.00	18.77 -0.34 0.00	20.98 -0.42 0.00	21.50 -0.36 0.00	22.32 -0.09 0.00	17.53 0.03 0.00	17.30 0.01 0.00	15.69 -0.05 0.00	15.56 -0.12 0.00	15.36 -0.23 0.00	15.81 -0.28 0.00	18.11 -0.37 0.00	22.21 -0.37 0.00	25.99 -0.46 0.00	29.94 -0.51 0.00	-6.39 -0.64 31.26	-23.99 -0.56 44.86	-23.89 -0.53 43.63	6.93 -0.54 10.68	2.81 -0.49 13.07
CHATEAUG_WT_PWR 323614	17.12 -0.36 0.00	18.34 -0.41 0.00	18.25 -0.31 0.00	16.89 -0.26 0.00	15.31 -0.23 0.00	18.73 -0.38 0.00	20.92 -0.49 0.00	21.42 -0.43 0.00	22.25 -0.16 0.00	17.47 -0.03 0.00	17.27 -0.02 0.00	15.66 -0.08 0.00	15.54 -0.14 0.00	15.33 -0.26 0.00	15.78 -0.31 0.00	18.08 -0.40 0.00	22.17 -0.42 0.00	25.91 -0.54 0.00	29.80 -0.65 0.00	-4.42 -0.78 29.14	-21.08 -0.70 41.82	-21.05 -0.64 40.67	7.60 -0.60 9.96	3.65 -0.54 12.18
CHAT_HIGH_FALL_HYD 323578	17.18 -0.30 0.00	18.40 -0.36 0.00	18.30 -0.26 0.00	16.94 -0.20 0.00	15.34 -0.19 0.00	18.77 -0.34 0.00	20.98 -0.42 0.00	21.50 -0.36 0.00	22.32 -0.09 0.00	17.53 0.03 0.00	17.30 0.01 0.00	15.69 -0.05 0.00	15.56 -0.12 0.00	15.36 -0.23 0.00	15.81 -0.28 0.00	18.11 -0.37 0.00	22.21 -0.37 0.00	25.99 -0.46 0.00	29.94 -0.51 0.00	-6.39 -0.64 31.26	-23.99 -0.56 44.86	-23.89 -0.53 43.63	6.93 -0.54 10.68	2.81 -0.49 13.07
CHAUTAUQUA___LFGE 323629	16.95 -0.53 0.00	18.17 -0.59 0.00	17.85 -0.71 0.00	16.44 -0.71 0.00	14.98 -0.55 0.00	18.52 -0.58 0.00	20.91 -0.49 0.00	21.65 -0.34 -0.13	22.28 -0.13 0.00	17.29 -0.21 0.00	17.10 -0.19 0.00	15.55 -0.19 0.00	15.49 -0.18 0.00	15.50 -0.09 0.00	15.94 -0.15 0.00	18.24 -0.24 0.00	22.16 -0.43 0.00	25.68 -0.76 0.00	29.62 -0.83 0.00	24.76 -0.75 0.00	20.36 -1.07 0.00	19.24 -1.02 0.00	17.11 -1.04 0.00	15.47 -0.90 0.00
CHERRYST_13_KV_LD 356241	18.36 0.88 0.00	19.66 0.90 0.00	19.46 0.90 0.00	17.94 0.79 0.00	16.24 0.70 0.00	19.98 0.88 0.00	22.43 1.04 0.00	23.02 1.17 0.00	23.58 1.17 0.00	18.45 0.95 0.00	18.28 0.99 0.00	16.73 0.98 0.00	16.67 1.00 0.00	16.56 0.97 0.00	17.14 1.04 0.00	19.72 1.25 0.00	24.00 1.41 0.00	28.11 1.66 0.00	32.28 1.83 0.00	27.03 1.53 0.00	22.81 1.38 0.00	21.55 1.29 0.00	19.35 1.20 0.00	17.43 1.07 0.00

CHESTROR_138KV_BK263 355645	18.02 0.54 0.00	19.32 0.56 0.00	19.13 0.57 0.00	17.65 0.50 0.00	15.99 0.46 0.00	19.68 0.57 0.00	22.09 0.69 0.00	22.65 0.80 0.00	23.19 0.78 0.00	18.11 0.60 0.00	17.90 0.61 0.00	16.36 0.61 0.00	16.30 0.63 0.00	16.21 0.62 0.00	16.77 0.67 0.00	19.28 0.81 0.00	23.54 0.95 0.00	27.60 1.15 0.00	31.76 1.31 0.00	26.60 1.09 0.00	22.40 0.97 0.00	21.18 0.92 0.00	19.01 0.85 0.00	17.11 0.74 0.00
CH_MIDHUDSON___DRP 24192	18.18 0.70 0.00	19.47 0.71 0.00	19.27 0.71 0.00	17.79 0.64 0.00	16.11 0.57 0.00	19.81 0.71 0.00	22.24 0.84 0.00	22.80 0.94 0.00	23.35 0.94 0.00	18.24 0.74 0.00	18.04 0.75 0.00	16.47 0.73 0.00	16.42 0.74 0.00	16.33 0.74 0.00	16.89 0.80 0.00	19.45 0.97 0.00	23.73 1.14 0.00	27.81 1.35 0.00	31.96 1.51 0.00	26.79 1.28 0.00	22.58 1.15 0.00	21.35 1.08 0.00	19.16 1.00 0.00	17.24 0.87 0.00
CH_MISC_IPPS 23765	18.26 0.78 0.00	19.55 0.80 0.00	19.35 0.79 0.00	17.87 0.72 0.00	16.18 0.64 0.00	19.91 0.80 0.00	22.35 0.95 0.00	22.92 1.07 0.00	23.48 1.07 0.00	18.33 0.83 0.00	18.12 0.83 0.00	16.55 0.81 0.00	16.49 0.82 0.00	16.40 0.81 0.00	16.97 0.88 0.00	19.54 1.06 0.00	23.87 1.28 0.00	27.99 1.54 0.00	32.18 1.73 0.00	26.96 1.46 0.00	22.71 1.28 0.00	21.47 1.20 0.00	19.26 1.10 0.00	17.32 0.95 0.00
CH_RES_BVR_FALLS 23983	17.25 -0.23 0.00	18.52 -0.23 0.00	18.36 -0.20 0.00	16.94 -0.21 0.00	15.35 -0.19 0.00	18.93 -0.18 0.00	21.15 -0.25 0.00	21.59 -0.26 0.00	22.26 -0.15 0.00	17.45 -0.05 0.00	17.21 -0.09 0.00	15.64 -0.10 0.00	15.55 -0.12 0.00	15.41 -0.18 0.00	15.91 -0.18 0.00	18.26 -0.22 0.00	22.31 -0.27 0.00	26.14 -0.30 0.00	30.05 -0.40 0.00	25.04 -0.47 0.00	20.95 -0.48 0.00	19.76 -0.51 0.00	17.67 -0.48 0.00	15.96 -0.41 0.00
CH_RES_NIAGARA 23895	16.44 -1.04 0.00	17.76 -1.00 0.00	17.44 -1.12 0.00	16.08 -1.07 0.00	14.59 -0.95 0.00	18.02 -1.09 0.00	20.23 -1.17 0.00	20.68 -1.16 0.02	21.45 -0.97 0.00	16.72 -0.78 0.00	16.48 -0.81 0.00	14.92 -0.83 0.00	14.93 -0.75 0.00	14.92 -0.67 0.00	15.32 -0.77 0.00	17.52 -0.95 0.00	21.15 -1.44 0.00	24.47 -1.98 0.00	28.20 -2.25 0.00	23.81 -1.70 0.00	19.70 -1.73 0.00	18.61 -1.66 0.00	16.63 -1.52 0.00	15.13 -1.24 0.00
CH_RES_SYRACUSE 23985	17.29 -0.19 0.00	18.56 -0.20 0.00	18.34 -0.22 0.00	16.93 -0.21 0.00	15.35 -0.19 0.00	18.89 -0.21 0.00	21.14 -0.26 0.00	21.56 -0.29 0.00	22.09 -0.32 0.00	17.23 -0.27 0.00	17.02 -0.27 0.00	15.49 -0.25 0.00	15.43 -0.25 0.00	15.36 -0.23 0.00	15.84 -0.25 0.00	18.20 -0.28 0.00	22.26 -0.33 0.00	26.10 -0.35 0.00	30.12 -0.34 0.00	25.23 -0.28 0.00	21.12 -0.32 0.00	19.96 -0.30 0.00	17.88 -0.28 0.00	16.13 -0.24 0.00
CLINTON_WT_PWR 323605	17.12 -0.36 0.00	18.34 -0.41 0.00	18.25 -0.31 0.00	16.89 -0.26 0.00	15.31 -0.23 0.00	18.73 -0.38 0.00	20.92 -0.49 0.00	21.42 -0.43 0.00	22.25 -0.16 0.00	17.47 -0.03 0.00	17.27 -0.02 0.00	15.66 -0.08 0.00	15.54 -0.14 0.00	15.33 -0.26 0.00	15.78 -0.31 0.00	18.08 -0.40 0.00	22.17 -0.42 0.00	25.91 -0.54 0.00	29.80 -0.65 0.00	-4.42 -0.78 29.14	-21.08 -0.70 41.82	-21.05 -0.64 40.67	7.60 -0.60 9.96	3.65 -0.54 12.18
CLINTON___LFGE 323618	17.48 -0.01 0.00	18.69 -0.06 0.00	18.63 0.07 0.00	17.26 0.11 0.00	15.55 0.02 0.00	18.96 -0.14 0.00	21.17 -0.23 0.00	21.67 -0.18 0.00	22.49 0.08 0.00	17.65 0.15 0.00	17.58 0.29 0.00	15.98 0.24 0.00	15.80 0.13 0.00	15.62 0.03 0.00	16.10 0.01 0.00	18.46 -0.01 0.00	22.69 0.11 0.00	26.41 -0.04 0.00	30.56 0.11 0.00	-4.52 -0.10 29.93	-21.55 -0.04 42.95	-21.59 -0.08 41.77	7.76 -0.17 10.22	3.65 -0.21 12.51
COBBLENY_34_KV_TB1 80064	16.98 -0.50 0.00	18.28 -0.47 0.00	17.95 -0.61 0.00	16.56 -0.59 0.00	15.04 -0.50 0.00	18.56 -0.55 0.00	20.88 -0.52 0.00	21.54 -0.42 -0.11	22.18 -0.24 0.00	17.27 -0.23 0.00	17.03 -0.26 0.00	15.43 -0.32 0.00	15.40 -0.27 0.00	15.40 -0.19 0.00	15.82 -0.27 0.00	18.12 -0.36 0.00	21.97 -0.61 0.00	25.49 -0.96 0.00	29.45 -1.00 0.00	24.79 -0.72 0.00	20.49 -0.95 0.00	19.35 -0.92 0.00	17.27 -0.88 0.00	15.64 -0.73 0.00
COFFEEN___115KV_TB3 355620	17.42 -0.06 0.00	18.70 -0.05 0.00	18.48 -0.09 0.00	17.01 -0.14 0.00	15.57 0.04 0.00	19.31 0.21 0.00	21.56 0.16 0.00	21.88 0.03 0.00	22.50 0.09 0.00	17.38 -0.12 0.00	16.98 -0.31 0.00	15.38 -0.36 0.00	15.21 -0.47 0.00	14.90 -0.69 0.00	15.28 -0.81 0.00	17.57 -0.91 0.00	21.92 -0.67 0.00	26.37 -0.07 0.00	31.18 0.73 0.00	26.85 0.23 -1.11	22.94 -0.09 -1.60	21.52 -0.30 -1.55	18.11 -0.42 -1.55	16.37 -0.46 -0.46
COLDSPRG_115KV_BK1 355956	17.34 -0.14 0.00	18.60 -0.16 0.00	18.28 -0.28 0.00	16.82 -0.33 0.00	15.34 -0.20 0.00	18.96 -0.15 0.00	21.41 0.01 0.00	22.15 0.20 -0.10	22.84 0.43 0.00	17.73 0.23 0.00	17.54 0.25 0.00	15.97 0.23 0.00	15.91 0.23 0.00	15.92 0.33 0.00	16.35 0.26 0.00	18.72 0.24 0.00	22.77 0.18 0.00	26.44 -0.01 0.00	30.52 0.07 0.00	25.57 0.07 0.00	21.03 -0.41 0.00	19.85 -0.41 0.00	17.66 -0.49 0.00	15.93 -0.44 0.00
COLONIE_LFGE___ 323577	17.94 0.46 0.00	19.22 0.46 0.00	19.04 0.48 0.00	17.61 0.46 0.00	15.94 0.40 0.00	19.62 0.51 0.00	22.00 0.60 0.00	22.48 0.62 0.00	22.99 0.58 0.00	17.90 0.40 0.00	17.65 0.35 0.00	16.07 0.33 0.00	16.00 0.32 0.00	15.92 0.33 0.00	16.46 0.36 0.00	18.92 0.44 0.00	23.25 0.66 0.00	27.21 0.76 0.00	31.29 0.83 0.00	26.23 0.72 0.00	22.13 0.70 0.00	20.96 0.70 0.00	18.80 0.64 0.00	16.87 0.51 0.00
COOPERNY_115KV_TB1 80082	17.90 0.42 0.00	19.20 0.44 0.00	19.00 0.44 0.00	17.54 0.39 0.00	15.90 0.36 0.00	19.55 0.44 0.00	21.94 0.54 0.00	22.47 0.62 0.00	23.01 0.61 0.00	17.97 0.47 0.00	17.78 0.49 0.00	16.23 0.48 0.00	16.17 0.49 0.00	16.08 0.49 0.00	16.61 0.52 0.00	19.09 0.61 0.00	23.30 0.71 0.00	27.32 0.87 0.00	31.43 0.98 0.00	26.34 0.83 0.00	22.16 0.73 0.00	20.95 0.69 0.00	18.80 0.64 0.00	16.92 0.56 0.00
COPENHAGEN_WT_PWR 323753	17.14 -0.35 0.00	18.41 -0.35 0.00	18.18 -0.38 0.00	16.74 -0.41 0.00	15.36 -0.18 0.00	19.06 -0.05 0.00	21.24 -0.16 0.00	21.49 -0.36 0.00	22.14 -0.27 0.00	17.20 -0.30 0.00	16.88 -0.41 0.00	15.31 -0.43 0.00	15.13 -0.54 0.00	14.78 -0.81 0.00	15.15 -0.94 0.00	17.41 -1.07 0.00	21.68 -0.90 0.00	25.95 -0.50 0.00	30.63 0.17 -1.05	26.23 -0.33 -1.51	22.37 -0.57 -1.47	20.98 -0.75 -1.47	17.71 -0.80 -0.36	16.02 -0.78 -0.44
CORNELL_____ 23752	17.71 0.22 0.00	18.98 0.23 0.00	18.76 0.20 0.00	17.31 0.16 0.00	15.70 0.17 0.00	19.34 0.23 0.00	21.71 0.31 0.00	22.24 0.38 -0.01	22.77 0.36 0.00	17.63 0.13 0.00	17.35 0.06 0.00	15.77 0.03 0.00	15.67 -0.01 0.00	15.60 0.01 0.00	16.09 0.00 0.00	18.50 0.02 0.00	22.74 0.16 0.00	26.82 0.37 0.00	31.11 0.65 0.00	26.07 0.56 0.00	21.75 0.32 0.00	20.54 0.28 0.00	18.36 0.21 0.00	16.52 0.15 0.00

CORONA_69_KV_TB1 355595	18.46 0.97 0.00	19.72 0.97 0.00	19.50 0.94 0.00	17.97 0.82 0.00	16.27 0.73 0.00	20.02 0.91 0.00	22.40 1.00 0.00	22.96 1.11 0.00	23.42 1.01 0.00	18.34 0.84 0.00	18.27 0.98 0.00	16.68 0.94 0.00	16.62 0.95 0.00	16.54 0.95 0.00	17.15 1.06 0.00	19.72 1.25 0.00	23.88 1.30 0.00	28.62 1.46 -0.71	32.09 1.65 0.00	26.91 1.40 0.00	22.74 1.31 0.00	21.51 1.25 0.00	19.40 1.24 0.00	17.46 1.10 0.00
CORTLAND_115KV_TB3 80093	17.53 0.05 0.00	18.81 0.05 0.00	18.60 0.04 0.00	17.17 0.02 0.00	15.57 0.04 0.00	19.17 0.07 0.00	21.50 0.10 0.00	21.99 0.13 -0.01	22.52 0.11 0.00	17.49 -0.01 0.00	17.26 -0.03 0.00	15.71 -0.04 0.00	15.63 -0.05 0.00	15.56 -0.03 0.00	16.05 -0.05 0.00	18.43 -0.05 0.00	22.60 0.01 0.00	26.56 0.11 0.00	30.74 0.28 0.00	25.74 0.23 0.00	21.51 0.08 0.00	20.33 0.07 0.00	18.19 0.03 0.00	16.38 0.02 0.00
COXSACKIE___GT 23611	18.33 0.85 0.00	19.61 0.85 0.00	19.38 0.82 0.00	17.96 0.81 0.00	16.25 0.71 0.00	20.02 0.92 0.00	22.50 1.10 0.00	23.03 1.18 0.00	23.57 1.16 0.00	18.16 0.66 0.00	17.72 0.43 0.00	16.08 0.34 0.00	15.98 0.30 0.00	15.90 0.31 0.00	16.44 0.35 0.00	18.93 0.45 0.00	23.46 0.88 0.00	27.86 1.41 0.00	32.39 1.94 0.00	27.13 1.63 0.00	22.77 1.34 0.00	21.48 1.22 0.00	19.20 1.05 0.00	17.21 0.84 0.00
CPV_VALLEY___CC1 323721	17.97 0.48 0.00	19.26 0.51 0.00	19.07 0.51 0.00	17.60 0.45 0.00	15.94 0.41 0.00	19.61 0.50 0.00	22.02 0.62 0.00	22.57 0.71 0.00	23.11 0.70 0.00	18.05 0.55 0.00	17.86 0.57 0.00	16.32 0.57 0.00	16.26 0.59 0.00	16.17 0.58 0.00	16.72 0.62 0.00	19.21 0.74 0.00	23.45 0.86 0.00	27.48 1.04 0.00	31.62 1.16 0.00	26.48 0.97 0.00	22.30 0.87 0.00	21.08 0.82 0.00	18.93 0.77 0.00	17.04 0.67 0.00
CPV_VALLEY___CC2 323722	17.97 0.48 0.00	19.26 0.51 0.00	19.07 0.51 0.00	17.60 0.45 0.00	15.94 0.41 0.00	19.61 0.50 0.00	22.02 0.62 0.00	22.57 0.71 0.00	23.11 0.70 0.00	18.05 0.55 0.00	17.86 0.57 0.00	16.32 0.57 0.00	16.26 0.59 0.00	16.17 0.58 0.00	16.72 0.62 0.00	19.21 0.74 0.00	23.45 0.86 0.00	27.48 1.04 0.00	31.62 1.16 0.00	26.48 0.97 0.00	22.30 0.87 0.00	21.08 0.82 0.00	18.93 0.77 0.00	17.04 0.67 0.00
CRESCENT___HYD 24018	17.94 0.46 0.00	19.22 0.46 0.00	19.04 0.48 0.00	17.61 0.46 0.00	15.94 0.40 0.00	19.62 0.51 0.00	22.00 0.60 0.00	22.48 0.62 0.00	22.99 0.58 0.00	17.90 0.40 0.00	17.65 0.35 0.00	16.07 0.33 0.00	16.00 0.32 0.00	15.92 0.33 0.00	16.46 0.36 0.00	18.92 0.44 0.00	23.25 0.66 0.00	27.21 0.76 0.00	31.29 0.83 0.00	26.23 0.72 0.00	22.13 0.70 0.00	20.96 0.70 0.00	18.80 0.64 0.00	16.87 0.51 0.00
CRICKET___VALLEY_CC1 323756	18.03 0.55 0.00	19.29 0.54 0.00	19.11 0.54 0.00	17.65 0.50 0.00	15.98 0.44 0.00	19.64 0.54 0.00	22.05 0.65 0.00	22.59 0.73 0.00	23.13 0.72 0.00	18.06 0.56 0.00	17.86 0.57 0.00	16.31 0.57 0.00	16.24 0.57 0.00	16.17 0.58 0.00	16.73 0.64 0.00	19.26 0.78 0.00	23.49 0.91 0.00	27.52 1.07 0.00	31.60 1.15 0.00	26.51 1.00 0.00	22.37 0.94 0.00	21.17 0.91 0.00	19.01 0.85 0.00	17.10 0.73 0.00
CRICKET___VALLEY_CC2 323757	18.03 0.55 0.00	19.29 0.54 0.00	19.11 0.54 0.00	17.65 0.50 0.00	15.98 0.44 0.00	19.64 0.54 0.00	22.05 0.65 0.00	22.59 0.73 0.00	23.13 0.72 0.00	18.06 0.56 0.00	17.86 0.57 0.00	16.31 0.57 0.00	16.24 0.57 0.00	16.17 0.58 0.00	16.73 0.64 0.00	19.26 0.78 0.00	23.49 0.91 0.00	27.52 1.07 0.00	31.60 1.15 0.00	26.51 1.00 0.00	22.37 0.94 0.00	21.17 0.91 0.00	19.01 0.85 0.00	17.10 0.73 0.00
CRICKET___VALLEY_CC3 323758	18.03 0.55 0.00	19.29 0.54 0.00	19.11 0.54 0.00	17.65 0.50 0.00	15.98 0.44 0.00	19.64 0.54 0.00	22.05 0.65 0.00	22.59 0.73 0.00	23.13 0.72 0.00	18.06 0.56 0.00	17.86 0.57 0.00	16.31 0.57 0.00	16.24 0.57 0.00	16.17 0.58 0.00	16.73 0.64 0.00	19.26 0.78 0.00	23.49 0.91 0.00	27.52 1.07 0.00	31.60 1.15 0.00	26.51 1.00 0.00	22.37 0.94 0.00	21.17 0.91 0.00	19.01 0.85 0.00	17.10 0.73 0.00
CRUCIBLE_METL_DRP 24180	17.29 -0.19 0.00	18.55 -0.20 0.00	18.34 -0.22 0.00	16.94 -0.21 0.00	15.35 -0.19 0.00	18.89 -0.21 0.00	21.14 -0.26 0.00	21.56 -0.29 0.00	22.09 -0.32 0.00	17.23 -0.27 0.00	17.02 -0.27 0.00	15.49 -0.25 0.00	15.43 -0.25 0.00	15.36 -0.23 0.00	15.84 -0.25 0.00	18.20 -0.28 0.00	22.26 -0.33 0.00	26.10 -0.35 0.00	30.11 -0.34 0.00	25.23 -0.28 0.00	21.12 -0.32 0.00	19.96 -0.30 0.00	17.88 -0.28 0.00	16.13 -0.24 0.00
DAHOWA___HYDRO 323763	18.18 0.70 0.00	19.47 0.72 0.00	19.31 0.74 0.00	17.84 0.69 0.00	16.14 0.61 0.00	19.89 0.78 0.00	22.31 0.91 0.00	22.79 0.94 0.00	23.30 0.89 0.00	18.00 0.50 0.00	17.69 0.40 0.00	16.12 0.38 0.00	16.04 0.36 0.00	15.95 0.36 0.00	16.50 0.41 0.00	19.02 0.55 0.00	23.53 0.94 0.00	27.62 1.17 0.00	31.81 1.36 0.00	26.67 1.16 0.00	22.49 1.06 0.00	21.28 1.02 0.00	19.05 0.89 0.00	17.05 0.68 0.00
DANC___LFGE 323619	17.13 -0.36 0.00	18.39 -0.37 0.00	18.17 -0.39 0.00	16.75 -0.40 0.00	15.29 -0.25 0.00	18.91 -0.19 0.00	21.10 -0.30 0.00	21.40 -0.45 0.00	21.99 -0.42 0.00	17.12 -0.38 0.00	16.84 -0.45 0.00	15.29 -0.45 0.00	15.15 -0.52 0.00	14.91 -0.68 0.00	15.32 -0.77 0.00	17.61 -0.87 0.00	21.77 -0.81 0.00	25.85 -0.60 0.00	30.26 -0.19 0.00	25.78 -0.45 -0.72	21.89 -0.58 -1.03	20.62 -0.65 -1.01	17.73 -0.67 -0.25	16.03 -0.64 -0.30
DANSKAMMER___1 23586	18.26 0.78 0.00	19.55 0.80 0.00	19.35 0.79 0.00	17.87 0.72 0.00	16.18 0.64 0.00	19.91 0.80 0.00	22.35 0.95 0.00	22.92 1.07 0.00	23.48 1.07 0.00	18.33 0.83 0.00	18.12 0.83 0.00	16.55 0.81 0.00	16.49 0.82 0.00	16.40 0.81 0.00	16.97 0.88 0.00	19.54 1.06 0.00	23.87 1.28 0.00	27.99 1.54 0.00	32.18 1.73 0.00	26.96 1.46 0.00	22.71 1.28 0.00	21.47 1.20 0.00	19.26 1.10 0.00	17.32 0.95 0.00
DANSKAMMER___2 23589	18.26 0.78 0.00	19.55 0.80 0.00	19.35 0.79 0.00	17.87 0.72 0.00	16.18 0.64 0.00	19.91 0.80 0.00	22.35 0.95 0.00	22.92 1.07 0.00	23.48 1.07 0.00	18.33 0.83 0.00	18.12 0.83 0.00	16.55 0.81 0.00	16.49 0.82 0.00	16.40 0.81 0.00	16.97 0.88 0.00	19.54 1.06 0.00	23.87 1.28 0.00	27.99 1.54 0.00	32.18 1.73 0.00	26.96 1.46 0.00	22.71 1.28 0.00	21.47 1.20 0.00	19.26 1.10 0.00	17.32 0.95 0.00
DANSKAMMER___3 23590	18.26 0.78 0.00	19.55 0.80 0.00	19.35 0.79 0.00	17.87 0.72 0.00	16.18 0.64 0.00	19.91 0.80 0.00	22.35 0.95 0.00	22.92 1.07 0.00	23.48 1.07 0.00	18.33 0.83 0.00	18.12 0.83 0.00	16.55 0.81 0.00	16.49 0.82 0.00	16.40 0.81 0.00	16.97 0.88 0.00	19.54 1.06 0.00	23.87 1.28 0.00	27.99 1.54 0.00	32.18 1.73 0.00	26.96 1.46 0.00	22.71 1.28 0.00	21.47 1.20 0.00	19.26 1.10 0.00	17.32 0.95 0.00

DANSKAMMER___4 23591	18.26 0.78 0.00	19.55 0.80 0.00	19.35 0.79 0.00	17.87 0.72 0.00	16.18 0.64 0.00	19.91 0.80 0.00	22.35 0.95 0.00	22.92 1.07 0.00	23.48 1.07 0.00	18.33 0.83 0.00	18.12 0.83 0.00	16.55 0.81 0.00	16.49 0.82 0.00	16.40 0.81 0.00	16.97 0.88 0.00	19.54 1.06 0.00	23.87 1.28 0.00	27.99 1.54 0.00	32.18 1.73 0.00	26.96 1.46 0.00	22.71 1.28 0.00	21.47 1.20 0.00	19.26 1.10 0.00	17.32 0.95 0.00
DANSKAMMER___DIESEL 23592	18.26 0.78 0.00	19.55 0.80 0.00	19.35 0.79 0.00	17.87 0.72 0.00	16.18 0.65 0.00	19.91 0.80 0.00	22.35 0.95 0.00	22.92 1.07 0.00	23.48 1.07 0.00	18.33 0.83 0.00	18.12 0.83 0.00	16.55 0.80 0.00	16.49 0.82 0.00	16.39 0.80 0.00	16.97 0.88 0.00	19.54 1.06 0.00	23.87 1.29 0.00	27.99 1.54 0.00	32.18 1.73 0.00	26.96 1.46 0.00	22.71 1.28 0.00	21.47 1.20 0.00	19.26 1.10 0.00	17.32 0.95 0.00
DARBY___SOLAR 323810	18.12 0.63 0.00	19.41 0.65 0.00	19.24 0.67 0.00	17.78 0.63 0.00	16.09 0.55 0.00	19.82 0.71 0.00	22.23 0.83 0.00	22.71 0.85 0.00	23.21 0.79 0.00	17.95 0.44 0.00	17.64 0.35 0.00	16.07 0.33 0.00	15.99 0.31 0.00	15.91 0.32 0.00	16.45 0.36 0.00	18.97 0.49 0.00	23.44 0.85 0.00	27.52 1.07 0.00	31.70 1.25 0.00	26.57 1.06 0.00	22.41 0.97 0.00	21.20 0.93 0.00	18.98 0.82 0.00	17.00 0.63 0.00
DASHVILLE___HYD 23610	18.05 0.56 0.00	19.35 0.59 0.00	19.15 0.59 0.00	17.69 0.54 0.00	16.02 0.48 0.00	19.70 0.59 0.00	22.11 0.71 0.00	22.66 0.81 0.00	23.23 0.82 0.00	18.18 0.68 0.00	17.99 0.70 0.00	16.43 0.69 0.00	16.38 0.71 0.00	16.29 0.70 0.00	16.85 0.76 0.00	19.37 0.89 0.00	23.60 1.01 0.00	27.65 1.20 0.00	31.79 1.34 0.00	26.64 1.13 0.00	22.45 1.02 0.00	21.22 0.96 0.00	19.05 0.89 0.00	17.14 0.77 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	18.89 1.41 0.00	20.15 1.39 0.00	19.90 1.34 0.00	18.31 1.16 0.00	16.56 1.02 0.00	20.33 1.22 0.00	22.72 1.32 0.00	23.31 1.46 0.00	23.57 1.16 0.00	18.48 0.98 0.00	18.46 1.17 0.00	16.81 1.06 0.00	16.72 1.04 0.00	16.60 1.01 0.00	17.22 1.13 0.00	19.83 1.35 0.00	23.76 1.17 0.00	27.08 1.24 0.61	31.88 1.44 0.01	26.72 1.21 0.00	22.61 1.18 0.00	21.34 1.07 0.00	19.35 1.19 0.00	17.41 1.05 0.00
DELAWARE___LFGE 323621	17.89 0.41 0.00	19.22 0.46 0.00	19.01 0.45 0.00	17.57 0.42 0.00	15.92 0.39 0.00	19.57 0.46 0.00	21.96 0.56 0.00	22.46 0.60 -0.01	23.02 0.61 0.00	17.97 0.47 0.00	17.78 0.49 0.00	16.20 0.46 0.00	16.13 0.46 0.00	16.05 0.46 0.00	16.55 0.46 0.00	18.97 0.50 0.00	23.22 0.63 0.00	27.22 0.76 0.00	31.33 0.88 0.00	26.25 0.74 0.00	22.05 0.61 0.00	20.82 0.56 0.00	18.65 0.49 0.00	16.79 0.42 0.00
DERFIELD_115KV_TB7 355931	17.50 0.02 0.00	18.77 0.02 0.00	18.58 0.02 0.00	17.17 0.02 0.00	15.55 0.02 0.00	19.13 0.02 0.00	21.44 0.04 0.00	21.89 0.03 0.00	22.42 0.00 0.00	17.50 0.00 0.00	17.29 0.00 0.00	15.76 0.02 0.00	15.68 0.01 0.00	15.60 0.01 0.00	16.10 0.01 0.00	18.49 0.02 0.00	22.62 0.03 0.00	26.50 0.05 0.00	30.50 0.05 0.00	25.54 0.03 0.00	21.48 0.04 0.00	20.30 0.04 0.00	18.19 0.04 0.00	16.40 0.03 0.00
DOGLEVILLE___HYD 23807	17.49 0.01 0.00	18.70 -0.06 0.00	18.51 -0.05 0.00	17.12 -0.04 0.00	15.50 -0.04 0.00	19.05 -0.06 0.00	21.43 0.03 0.00	21.93 0.08 0.00	22.16 -0.25 0.00	16.99 -0.51 0.00	16.71 -0.58 0.00	15.26 -0.49 0.00	15.19 -0.49 0.00	15.11 -0.47 0.00	15.62 -0.48 0.00	18.08 -0.40 0.00	22.40 -0.18 0.00	26.57 0.12 0.00	30.67 0.21 0.00	25.71 0.20 0.00	21.67 0.24 0.00	20.54 0.28 0.00	18.40 0.25 0.00	16.47 0.10 0.00
DUNKIRK___115KV_TB_200 55889	16.95 -0.53 0.00	18.17 -0.58 0.00	17.86 -0.70 0.00	16.45 -0.70 0.00	14.98 -0.55 0.00	18.52 -0.58 0.00	20.90 -0.50 0.00	21.62 -0.36 -0.13	22.25 -0.16 0.00	17.27 -0.22 0.00	17.09 -0.20 0.00	15.54 -0.20 0.00	15.50 -0.18 0.00	15.50 -0.09 0.00	15.93 -0.17 0.00	18.22 -0.25 0.00	22.14 -0.45 0.00	25.66 -0.79 0.00	29.60 -0.85 0.00	24.77 -0.74 0.00	20.39 -1.05 0.00	19.27 -0.99 0.00	17.15 -1.01 0.00	15.50 -0.87 0.00
DUNKIRK___1 23563	16.95 -0.53 0.00	18.17 -0.58 0.00	17.86 -0.70 0.00	16.45 -0.70 0.00	14.98 -0.55 0.00	18.52 -0.58 0.00	20.90 -0.50 0.00	21.62 -0.36 -0.13	22.25 -0.16 0.00	17.27 -0.22 0.00	17.09 -0.20 0.00	15.54 -0.20 0.00	15.50 -0.18 0.00	15.50 -0.09 0.00	15.93 -0.17 0.00	18.22 -0.25 0.00	22.14 -0.45 0.00	25.66 -0.79 0.00	29.60 -0.85 0.00	24.77 -0.74 0.00	20.39 -1.05 0.00	19.27 -0.99 0.00	17.15 -1.01 0.00	15.50 -0.87 0.00
DUNKIRK___2 23564	16.95 -0.53 0.00	18.17 -0.58 0.00	17.86 -0.70 0.00	16.45 -0.70 0.00	14.98 -0.55 0.00	18.52 -0.58 0.00	20.90 -0.50 0.00	21.62 -0.36 -0.13	22.25 -0.16 0.00	17.27 -0.22 0.00	17.09 -0.20 0.00	15.54 -0.20 0.00	15.50 -0.18 0.00	15.50 -0.09 0.00	15.93 -0.17 0.00	18.22 -0.25 0.00	22.14 -0.45 0.00	25.66 -0.79 0.00	29.60 -0.85 0.00	24.77 -0.74 0.00	20.39 -1.05 0.00	19.27 -0.99 0.00	17.15 -1.01 0.00	15.50 -0.87 0.00
DUNKIRK___3 23565	16.93 -0.56 0.00	18.18 -0.58 0.00	17.87 -0.69 0.00	16.46 -0.69 0.00	14.97 -0.56 0.00	18.50 -0.61 0.00	20.85 -0.55 0.00	21.57 -0.42 -0.14	22.18 -0.23 0.00	17.23 -0.27 0.00	17.04 -0.25 0.00	15.49 -0.25 0.00	15.45 -0.23 0.00	15.45 -0.14 0.00	15.88 -0.21 0.00	18.17 -0.30 0.00	22.08 -0.51 0.00	25.59 -0.86 0.00	29.53 -0.92 0.00	24.74 -0.77 0.00	20.40 -1.04 0.00	19.29 -0.98 0.00	17.18 -0.97 0.00	15.53 -0.83 0.00
DUNKIRK___4 23566	16.93 -0.56 0.00	18.18 -0.58 0.00	17.87 -0.69 0.00	16.46 -0.69 0.00	14.97 -0.56 0.00	18.50 -0.61 0.00	20.85 -0.55 0.00	21.57 -0.42 -0.14	22.18 -0.23 0.00	17.23 -0.27 0.00	17.04 -0.25 0.00	15.49 -0.25 0.00	15.45 -0.23 0.00	15.45 -0.14 0.00	15.88 -0.21 0.00	18.17 -0.30 0.00	22.08 -0.51 0.00	25.59 -0.86 0.00	29.53 -0.92 0.00	24.74 -0.77 0.00	20.40 -1.04 0.00	19.29 -0.98 0.00	17.18 -0.97 0.00	15.53 -0.83 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	18.24 0.75 0.00	19.53 0.77 0.00	19.32 0.76 0.00	17.81 0.66 0.00	16.13 0.59 0.00	19.83 0.73 0.00	22.26 0.86 0.00	22.84 0.98 0.00	23.40 0.98 0.00	18.30 0.80 0.00	18.13 0.84 0.00	16.58 0.83 0.00	16.52 0.85 0.00	16.42 0.83 0.00	17.00 0.91 0.00	19.56 1.08 0.00	23.81 1.22 0.00	27.88 1.43 0.00	32.04 1.59 0.00	26.85 1.34 0.00	22.65 1.22 0.00	21.41 1.15 0.00	19.23 1.07 0.00	17.31 0.94 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	18.13 0.65 0.00	19.43 0.67 0.00	19.23 0.66 0.00	17.75 0.60 0.00	16.07 0.54 0.00	19.77 0.67 0.00	22.21 0.81 0.00	22.77 0.92 0.00	23.33 0.91 0.00	18.21 0.71 0.00	18.00 0.71 0.00	16.44 0.70 0.00	16.39 0.72 0.00	16.30 0.71 0.00	16.86 0.77 0.00	19.41 0.94 0.00	23.71 1.13 0.00	27.79 1.34 0.00	31.96 1.52 0.00	26.78 1.27 0.00	22.55 1.12 0.00	21.32 1.06 0.00	19.13 0.97 0.00	17.21 0.84 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	18.35 0.86 0.00	19.67 0.91 0.00	19.48 0.91 -0.01	17.97 0.81 -0.01	16.27 0.73 -0.01	20.02 0.91 0.00	22.48 1.08 0.00	23.00 1.15 0.00	23.55 1.13 -0.01	18.40 0.90 0.00	18.24 0.94 0.00	16.68 0.94 0.00	16.62 0.95 0.00	16.51 0.91 0.00	17.09 1.00 0.00	19.65 1.18 0.00	23.87 1.28 0.00	28.05 1.60 0.00	32.20 1.76 0.00	26.97 1.46 0.00	22.78 1.35 0.00	21.49 1.22 0.00	19.28 1.13 0.00	17.37 1.00 0.00
E179THST_13_KV_LOAD 356214	18.42 0.94 0.00	19.74 0.98 0.00	19.55 0.98 -0.01	18.04 0.88 -0.01	16.33 0.79 -0.01	20.09 0.98 0.00	22.55 1.15 0.00	23.08 1.23 0.00	23.64 1.22 -0.01	18.47 0.97 0.00	18.31 1.02 0.00	16.74 1.00 0.00	16.69 1.02 0.00	16.58 0.99 0.00	17.16 1.07 0.00	19.74 1.26 0.00	23.98 1.39 0.00	28.17 1.72 0.00	32.35 1.90 0.00	27.09 1.58 0.00	22.88 1.45 0.00	21.58 1.31 0.00	19.36 1.21 0.00	17.43 1.07 0.00
EAST HAMPTON___GT 23717	18.99 1.51 0.00	20.24 1.48 0.00	19.98 1.42 0.00	18.38 1.23 0.00	16.59 1.05 0.00	20.35 1.25 0.00	22.78 1.38 0.00	23.40 1.54 0.00	23.63 1.22 0.00	18.53 1.03 0.00	18.49 1.21 0.00	16.82 1.08 0.00	16.72 1.04 0.00	16.57 0.97 0.00	17.14 1.04 0.00	19.75 1.28 0.00	23.59 1.01 0.00	26.76 0.93 0.61	31.55 1.11 0.01	26.38 0.88 0.00	22.33 0.90 0.00	21.06 0.80 0.00	19.05 0.90 0.00	17.12 0.76 0.00
EAST RIVER___6 23660	18.33 0.85 0.00	19.64 0.88 0.00	19.43 0.87 0.00	17.90 0.75 0.00	16.21 0.68 0.00	19.94 0.84 0.00	22.40 1.00 0.00	22.99 1.13 0.00	23.55 1.14 0.00	18.42 0.92 0.00	18.26 0.97 0.00	16.71 0.97 0.00	16.66 0.99 0.00	16.53 0.94 0.00	17.12 1.03 0.00	19.69 1.21 0.00	23.96 1.37 0.00	28.07 1.61 0.00	32.24 1.79 0.00	27.00 1.50 0.00	22.79 1.36 0.00	21.51 1.25 0.00	19.31 1.15 0.00	17.39 1.02 0.00
EAST RIVER___7 23524	18.33 0.85 0.00	19.64 0.88 0.00	19.43 0.87 0.00	17.90 0.75 0.00	16.21 0.68 0.00	19.94 0.84 0.00	22.40 1.00 0.00	22.99 1.13 0.00	23.55 1.14 0.00	18.42 0.92 0.00	18.26 0.97 0.00	16.71 0.97 0.00	16.66 0.99 0.00	16.53 0.94 0.00	17.12 1.03 0.00	19.69 1.21 0.00	23.96 1.37 0.00	28.07 1.61 0.00	32.24 1.79 0.00	27.00 1.50 0.00	22.79 1.36 0.00	21.51 1.25 0.00	19.31 1.15 0.00	17.39 1.02 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	18.21 0.72 0.00	19.50 0.74 0.00	19.29 0.73 0.00	17.80 0.65 0.00	16.11 0.58 0.00	19.82 0.71 0.00	22.24 0.85 0.00	22.82 0.96 0.00	23.37 0.96 0.00	18.27 0.77 0.00	18.10 0.81 0.00	16.54 0.80 0.00	16.49 0.82 0.00	16.39 0.80 0.00	16.97 0.87 0.00	19.52 1.04 0.00	23.77 1.18 0.00	27.83 1.38 0.00	31.99 1.54 0.00	26.80 1.30 0.00	22.61 1.17 0.00	21.37 1.11 0.00	19.19 1.04 0.00	17.28 0.91 0.00
EAST_HAMPTON___DIESEL 23722	18.98 1.50 0.00	20.23 1.48 0.00	19.97 1.42 0.00	18.37 1.22 0.00	16.57 1.04 0.00	20.33 1.23 0.00	22.77 1.38 0.00	23.39 1.53 0.00	23.61 1.20 0.00	18.52 1.02 0.00	18.48 1.19 0.00	16.81 1.07 0.00	16.70 1.03 0.00	16.55 0.96 0.00	17.11 1.02 0.00	19.72 1.25 0.00	23.54 0.96 0.00	26.69 0.85 0.61	31.47 1.03 0.01	26.31 0.81 0.00	22.27 0.84 0.00	21.01 0.74 0.00	19.00 0.84 0.00	17.08 0.71 0.00
EAST_POINT___SOLAR 323840	18.57 1.09 0.00	19.95 1.19 0.00	19.72 1.16 0.00	18.21 1.06 0.00	16.51 0.98 0.00	20.34 1.23 0.00	22.83 1.43 0.00	23.29 1.44 0.00	23.35 0.94 0.00	17.59 0.09 0.00	17.28 -0.01 0.00	15.77 0.03 0.00	15.85 0.18 0.00	15.97 0.38 0.00	16.66 0.56 0.00	19.14 0.66 0.00	23.58 0.99 0.00	28.11 1.66 0.00	32.65 2.20 0.00	27.36 1.85 0.00	22.91 1.48 0.00	21.60 1.34 0.00	19.27 1.12 0.00	17.35 0.98 0.00
EAST_PULASKI___ESR 323781	17.14 -0.34 0.00	18.39 -0.37 0.00	18.17 -0.39 0.00	16.77 -0.38 0.00	15.24 -0.29 0.00	18.80 -0.31 0.00	21.00 -0.40 0.00	21.35 -0.50 0.00	21.90 -0.51 0.00	17.08 -0.42 0.00	16.84 -0.46 0.00	15.30 -0.44 0.00	15.21 -0.47 0.00	15.07 -0.52 0.00	15.52 -0.57 0.00	17.84 -0.64 0.00	21.90 -0.69 0.00	25.80 -0.65 0.00	29.95 -0.50 0.00	24.98 -0.52 0.00	20.88 -0.56 0.00	19.72 -0.55 0.00	17.62 -0.53 0.00	15.88 -0.48 0.00
EAST_RIVER___1 323558	18.32 0.83 0.00	19.62 0.86 0.00	19.42 0.86 0.00	17.90 0.75 0.00	16.21 0.67 0.00	19.93 0.83 0.00	22.38 0.98 0.00	22.97 1.12 0.00	23.53 1.12 0.00	18.40 0.90 0.00	18.24 0.94 0.00	16.68 0.94 0.00	16.63 0.96 0.00	16.52 0.93 0.00	17.10 1.00 0.00	19.67 1.20 0.00	23.94 1.35 0.00	28.03 1.58 0.00	32.20 1.75 0.00	26.97 1.46 0.00	22.77 1.33 0.00	21.51 1.25 0.00	19.31 1.15 0.00	17.39 1.03 0.00
EAST_RIVER___2 323559	18.33 0.85 0.00	19.64 0.88 0.00	19.43 0.87 0.00	17.90 0.75 0.00	16.21 0.68 0.00	19.94 0.84 0.00	22.40 1.00 0.00	22.99 1.13 0.00	23.55 1.14 0.00	18.42 0.92 0.00	18.26 0.97 0.00	16.71 0.97 0.00	16.66 0.99 0.00	16.53 0.94 0.00	17.12 1.03 0.00	19.69 1.21 0.00	23.96 1.37 0.00	28.07 1.61 0.00	32.24 1.79 0.00	27.00 1.50 0.00	22.79 1.36 0.00	21.51 1.25 0.00	19.31 1.15 0.00	17.39 1.02 0.00
EAST___DELAWARE_HYD 23607	18.32 0.84 0.00	19.64 0.88 0.00	19.43 0.87 0.00	17.94 0.79 0.00	16.25 0.71 0.00	20.00 0.89 0.00	22.47 1.07 0.00	23.04 1.19 0.00	23.60 1.19 0.00	18.39 0.89 0.00	18.14 0.85 0.00	16.55 0.80 0.00	16.47 0.80 0.00	16.37 0.79 0.00	16.93 0.84 0.00	19.50 1.02 0.00	23.86 1.27 0.00	28.05 1.60 0.00	32.35 1.90 0.00	27.11 1.60 0.00	22.81 1.37 0.00	21.54 1.28 0.00	19.31 1.15 0.00	17.36 0.99 0.00
EIGHT_POINT___WT_PWR 323820	16.90 -0.58 0.00	18.02 -0.73 0.00	17.77 -0.79 0.00	16.38 -0.77 0.00	14.73 -0.80 0.00	18.05 -1.06 0.00	20.24 -1.16 0.00	20.91 -0.99 -0.05	21.76 -0.65 0.00	17.07 -0.43 0.00	16.91 -0.38 0.00	15.33 -0.41 0.00	15.19 -0.48 0.00	15.17 -0.42 0.00	15.61 -0.48 0.00	17.94 -0.53 0.00	21.89 -0.69 0.00	25.58 -0.87 0.00	29.37 -1.09 0.00	24.36 -1.15 0.00	20.00 -1.44 0.00	18.88 -1.38 0.00	16.85 -1.30 0.00	15.19 -1.18 0.00
ELBRIDGE_115KV_TB2 80188	17.20 -0.29 0.00	18.45 -0.30 0.00	18.24 -0.32 0.00	16.84 -0.31 0.00	15.26 -0.28 0.00	18.78 -0.32 0.00	21.03 -0.37 0.00	21.45 -0.40 0.00	21.98 -0.42 0.00	17.14 -0.36 0.00	16.93 -0.36 0.00	15.41 -0.33 0.00	15.35 -0.33 0.00	15.28 -0.31 0.00	15.77 -0.33 0.00	18.11 -0.37 0.00	22.13 -0.46 0.00	25.94 -0.51 0.00	29.93 -0.52 0.00	25.08 -0.43 0.00	20.98 -0.45 0.00	19.84 -0.42 0.00	17.78 -0.37 0.00	16.04 -0.33 0.00
ELEC_TRO_TEK 24086	18.35 0.87 0.00	19.63 0.87 0.00	19.40 0.84 0.00	17.88 0.73 0.00	16.19 0.65 0.00	19.91 0.80 0.00	22.28 0.87 0.00	22.84 0.98 0.00	23.30 0.89 0.00	18.26 0.76 0.00	18.17 0.88 0.00	16.60 0.85 0.00	16.54 0.87 0.00	16.45 0.86 0.00	17.06 0.97 0.00	19.61 1.13 0.00	23.73 1.15 0.00	27.74 1.29 0.00	31.89 1.45 0.00	26.74 1.23 0.00	22.60 1.16 0.00	21.36 1.10 0.00	19.28 1.13 0.00	17.37 1.00 0.00

ELLENBURG_WT_PWR 323604	17.12 -0.36 0.00	18.34 -0.41 0.00	18.25 -0.31 0.00	16.89 -0.26 0.00	15.31 -0.23 0.00	18.73 -0.38 0.00	20.92 -0.49 0.00	21.42 -0.43 0.00	22.25 -0.16 0.00	17.47 -0.03 0.00	17.27 -0.02 0.00	15.66 -0.08 0.00	15.54 -0.14 0.00	15.33 -0.26 0.00	15.78 -0.31 0.00	18.08 -0.40 0.00	22.17 -0.42 0.00	25.91 -0.54 0.00	29.80 -0.65 0.00	-4.42 -0.78 29.14	-21.08 -0.70 41.82	-21.05 -0.64 40.67	7.60 -0.60 9.96	3.65 -0.54 12.18
ELM_ST_23_KV_LD_REV_LBMP_A 345012	16.82 -0.66 0.00	18.12 -0.63 0.00	17.80 -0.77 0.00	16.40 -0.75 0.00	14.89 -0.65 0.00	18.38 -0.72 0.00	20.67 -0.73 0.00	20.98 -0.66 0.21	21.95 -0.46 0.00	17.10 -0.40 0.00	16.86 -0.43 0.00	15.28 -0.46 0.00	15.27 -0.41 0.00	15.27 -0.32 0.00	15.68 -0.41 0.00	17.96 -0.52 0.00	21.75 -0.84 0.00	25.18 -1.27 0.00	29.06 -1.39 0.00	24.45 -1.05 0.00	20.22 -1.21 0.00	19.10 -1.16 0.00	17.05 -1.10 0.00	15.47 -0.90 0.00
EMPIRE_CC_1 323656	17.90 0.42 0.00	19.18 0.42 0.00	19.00 0.44 0.00	17.57 0.42 0.00	15.90 0.36 0.00	19.57 0.47 0.00	21.94 0.54 0.00	22.42 0.57 0.00	22.94 0.53 0.00	17.89 0.39 0.00	17.66 0.37 0.00	16.09 0.35 0.00	16.02 0.35 0.00	15.95 0.36 0.00	16.48 0.39 0.00	18.95 0.47 0.00	23.22 0.63 0.00	27.16 0.71 0.00	31.18 0.73 0.00	26.16 0.65 0.00	22.09 0.66 0.00	20.93 0.67 0.00	18.78 0.63 0.00	16.87 0.50 0.00
EMPIRE_CC_2 323658	17.90 0.42 0.00	19.18 0.42 0.00	19.00 0.44 0.00	17.57 0.42 0.00	15.90 0.36 0.00	19.57 0.47 0.00	21.94 0.54 0.00	22.42 0.57 0.00	22.94 0.53 0.00	17.89 0.39 0.00	17.66 0.37 0.00	16.09 0.35 0.00	16.02 0.35 0.00	15.95 0.36 0.00	16.48 0.39 0.00	18.95 0.47 0.00	23.22 0.63 0.00	27.16 0.71 0.00	31.18 0.73 0.00	26.16 0.65 0.00	22.09 0.66 0.00	20.93 0.67 0.00	18.78 0.63 0.00	16.87 0.50 0.00
ENORWICH_115KV_TB1 80156	18.60 1.12 0.00	19.93 1.18 0.00	19.70 1.13 0.00	18.13 0.98 0.00	16.44 0.90 0.00	20.30 1.19 0.00	22.87 1.47 0.00	23.49 1.62 -0.01	24.00 1.59 0.00	18.38 0.89 0.00	18.02 0.73 0.00	16.39 0.65 0.00	16.25 0.58 0.00	16.14 0.55 0.00	16.61 0.52 0.00	19.10 0.63 0.00	23.75 1.16 0.00	28.29 1.84 0.00	32.89 2.43 0.00	27.54 2.04 0.00	22.92 1.49 0.00	21.58 1.31 0.00	19.22 1.07 0.00	17.25 0.88 0.00
ERIE_ST__34_KV_TB1-2 80199	17.07 -0.41 0.00	18.39 -0.37 0.00	18.06 -0.50 0.00	16.64 -0.51 0.00	15.11 -0.43 0.00	18.65 -0.45 0.00	20.99 -0.41 0.00	21.64 -0.31 -0.10	22.28 -0.13 0.00	17.33 -0.17 0.00	17.10 -0.19 0.00	15.50 -0.24 0.00	15.48 -0.19 0.00	15.49 -0.09 0.00	15.92 -0.17 0.00	18.23 -0.25 0.00	22.12 -0.47 0.00	25.65 -0.80 0.00	29.63 -0.82 0.00	24.95 -0.56 0.00	20.63 -0.81 0.00	19.49 -0.77 0.00	17.40 -0.76 0.00	15.75 -0.62 0.00
ERIE_WT_PWR 323693	16.91 -0.58 0.00	18.21 -0.54 0.00	17.88 -0.68 0.00	16.49 -0.66 0.00	14.96 -0.58 0.00	18.48 -0.63 0.00	20.78 -0.62 0.00	21.45 -0.53 -0.12	22.07 -0.34 0.00	17.18 -0.32 0.00	16.95 -0.34 0.00	15.34 -0.41 0.00	15.31 -0.36 0.00	15.31 -0.28 0.00	15.73 -0.36 0.00	18.02 -0.45 0.00	21.85 -0.74 0.00	25.33 -1.12 0.00	29.27 -1.18 0.00	24.60 -0.91 0.00	20.32 -1.12 0.00	19.19 -1.07 0.00	17.13 -1.03 0.00	15.54 -0.83 0.00
ESPRGFLD_115KV_TB1 80157	18.29 0.81 0.00	19.67 0.91 0.00	19.45 0.89 0.00	17.96 0.81 0.00	16.27 0.74 0.00	20.03 0.92 0.00	22.47 1.07 0.00	22.96 1.11 0.00	23.54 1.13 0.00	18.29 0.79 0.00	18.05 0.76 0.00	16.42 0.68 0.00	16.36 0.68 0.00	16.28 0.69 0.00	16.78 0.68 0.00	19.20 0.73 0.00	23.56 0.97 0.00	27.76 1.31 0.00	32.06 1.61 0.00	26.85 1.34 0.00	22.47 1.04 0.00	21.17 0.90 0.00	18.90 0.75 0.00	17.06 0.69 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	17.69 0.20 0.00	18.96 0.21 0.00	18.74 0.18 0.00	17.30 0.14 0.00	15.68 0.15 0.00	19.31 0.21 0.00	21.68 0.28 0.00	22.21 0.34 -0.01	22.73 0.32 0.00	17.60 0.10 0.00	17.32 0.03 0.00	15.76 0.01 0.00	15.66 -0.02 0.00	15.59 0.00 0.00	16.07 -0.02 0.00	18.48 0.00 0.00	22.72 0.13 0.00	26.78 0.33 0.00	31.04 0.59 0.00	26.02 0.51 0.00	21.72 0.28 0.00	20.52 0.25 0.00	18.34 0.18 0.00	16.50 0.13 0.00
ETNA____115KV_TB2 80207	17.69 0.20 0.00	18.96 0.21 0.00	18.74 0.18 0.00	17.30 0.14 0.00	15.68 0.15 0.00	19.31 0.21 0.00	21.68 0.28 0.00	22.21 0.34 -0.01	22.73 0.32 0.00	17.60 0.10 0.00	17.32 0.03 0.00	15.76 0.01 0.00	15.66 -0.02 0.00	15.59 0.00 0.00	16.07 -0.02 0.00	18.48 0.00 0.00	22.72 0.13 0.00	26.78 0.33 0.00	31.04 0.59 0.00	26.02 0.51 0.00	21.72 0.28 0.00	20.52 0.25 0.00	18.34 0.18 0.00	16.50 0.13 0.00
EUCLID__115KV_TB2 356179	17.14 -0.34 0.00	18.39 -0.37 0.00	18.17 -0.39 0.00	16.79 -0.37 0.00	15.21 -0.32 0.00	18.72 -0.39 0.00	20.96 -0.44 0.00	21.37 -0.48 0.00	21.90 -0.51 0.00	17.09 -0.41 0.00	16.88 -0.41 0.00	15.37 -0.37 0.00	15.30 -0.37 0.00	15.24 -0.35 0.00	15.72 -0.37 0.00	18.05 -0.43 0.00	22.06 -0.53 0.00	25.83 -0.62 0.00	29.80 -0.65 0.00	24.97 -0.54 0.00	20.91 -0.52 0.00	19.76 -0.50 0.00	17.71 -0.45 0.00	15.98 -0.39 0.00
E_CANADA_CAP_HY 24051	18.44 0.96 0.00	19.82 1.06 0.00	19.60 1.04 0.00	18.10 0.95 0.00	16.41 0.87 0.00	20.20 1.09 0.00	22.63 1.24 0.00	23.08 1.22 0.00	23.55 1.14 0.00	18.16 0.66 0.00	17.86 0.57 0.00	16.25 0.51 0.00	16.22 0.54 0.00	16.16 0.57 0.00	16.69 0.60 0.00	19.13 0.65 0.00	23.51 0.92 0.00	27.84 1.39 0.00	32.20 1.76 0.00	26.97 1.47 0.00	22.59 1.16 0.00	21.33 1.07 0.00	19.05 0.89 0.00	17.20 0.83 0.00
E_CANADA_MHWK_HY 24050	17.49 0.01 0.00	18.70 -0.06 0.00	18.51 -0.05 0.00	17.12 -0.04 0.00	15.50 -0.04 0.00	19.05 -0.06 0.00	21.43 0.03 0.00	21.93 0.08 0.00	22.16 -0.25 0.00	16.99 -0.51 0.00	16.71 -0.58 0.00	15.26 -0.49 0.00	15.19 -0.49 0.00	15.11 -0.47 0.00	15.62 -0.48 0.00	18.08 -0.40 0.00	22.40 -0.18 0.00	26.57 0.12 0.00	30.67 0.21 0.00	25.71 0.20 0.00	21.67 0.24 0.00	20.54 0.28 0.00	18.40 0.25 0.00	16.47 0.10 0.00
E_FISHKILL__LBMP 23776	18.10 0.61 0.00	19.39 0.63 0.00	19.18 0.63 0.00	17.71 0.56 0.00	16.04 0.50 0.00	19.72 0.61 0.00	22.13 0.74 0.00	22.68 0.83 0.00	23.23 0.82 0.00	18.15 0.65 0.00	17.97 0.68 0.00	16.42 0.68 0.00	16.36 0.69 0.00	16.27 0.68 0.00	16.83 0.74 0.00	19.36 0.88 0.00	23.60 1.02 0.00	27.65 1.20 0.00	31.77 1.32 0.00	26.62 1.11 0.00	22.45 1.02 0.00	21.24 0.97 0.00	19.07 0.91 0.00	17.16 0.79 0.00
FALCON___SEABRD_CC1 323796	17.48 -0.01 0.00	18.68 -0.07 0.00	18.64 0.08 0.00	17.27 0.12 0.00	15.54 0.00 0.00	18.90 -0.21 0.00	21.08 -0.32 0.00	21.56 -0.29 0.00	22.36 -0.06 0.00	17.55 0.06 0.00	17.54 0.25 0.00	15.96 0.21 0.00	15.77 0.10 0.00	15.60 0.01 0.00	16.09 0.00 0.00	18.45 -0.02 0.00	22.67 0.08 0.00	26.32 -0.13 0.00	30.52 0.07 0.00	-4.30 -0.13 29.68	-21.20 -0.04 42.59	-21.24 -0.08 41.42	7.86 -0.16 10.14	3.75 -0.21 12.40

FALCON___SEABRD_CC2 323797	17.48 -0.01 0.00	18.68 -0.07 0.00	18.64 0.08 0.00	17.27 0.12 0.00	15.54 0.00 0.00	18.90 -0.21 0.00	21.08 -0.32 0.00	21.56 -0.29 0.00	22.36 -0.06 0.00	17.55 0.06 0.00	17.54 0.25 0.00	15.96 0.21 0.00	15.77 0.10 0.00	15.60 0.01 0.00	16.09 0.00 0.00	18.45 -0.02 0.00	22.67 0.08 0.00	26.32 -0.13 0.00	30.52 0.07 0.00	-4.30 -0.13 29.68	-21.20 -0.04 42.59	-21.24 -0.08 41.42	7.86 -0.16 10.14	3.75 -0.21 12.40
FAR ROCKAWAY___4 23548	18.57 1.09 0.00	19.85 1.09 0.00	19.61 1.05 0.00	18.08 0.93 0.00	16.37 0.83 0.00	20.13 1.03 0.00	22.54 1.14 0.00	23.11 1.25 0.00	23.57 1.16 0.00	18.45 0.95 0.00	18.38 1.09 0.00	16.78 1.04 0.00	16.73 1.05 0.00	16.64 1.05 0.00	17.26 1.17 0.00	19.86 1.38 0.00	24.05 1.47 0.00	28.87 1.65 -0.77	32.33 1.89 0.00	27.12 1.61 0.00	22.91 1.47 0.00	21.66 1.39 0.00	19.52 1.37 0.00	17.57 1.20 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	18.32 0.83 0.00	19.62 0.86 0.00	19.42 0.86 0.00	17.90 0.75 0.00	16.21 0.67 0.00	19.93 0.83 0.00	22.38 0.98 0.00	22.97 1.12 0.00	23.53 1.12 0.00	18.40 0.90 0.00	18.24 0.94 0.00	16.68 0.94 0.00	16.63 0.95 0.00	16.51 0.92 0.00	17.09 1.00 0.00	19.67 1.19 0.00	23.93 1.34 0.00	28.03 1.58 0.00	32.20 1.75 0.00	26.96 1.46 0.00	22.75 1.32 0.00	21.51 1.25 0.00	19.31 1.15 0.00	17.39 1.03 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	18.32 0.84 0.00	19.62 0.87 0.00	19.42 0.86 0.00	17.90 0.75 0.00	16.21 0.68 0.00	19.94 0.83 0.00	22.38 0.99 0.00	22.98 1.12 0.00	23.53 1.12 0.00	18.41 0.91 0.00	18.24 0.95 0.00	16.68 0.94 0.00	16.63 0.96 0.00	16.52 0.93 0.00	17.10 1.00 0.00	19.68 1.20 0.00	23.94 1.36 0.00	28.04 1.59 0.00	32.21 1.76 0.00	26.98 1.47 0.00	22.77 1.33 0.00	21.52 1.26 0.00	19.32 1.16 0.00	17.40 1.03 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	18.31 0.83 0.00	19.61 0.85 0.00	19.41 0.85 0.00	17.89 0.74 0.00	16.20 0.66 0.00	19.92 0.82 0.00	22.37 0.97 0.00	22.96 1.10 0.00	23.51 1.10 0.00	18.39 0.89 0.00	18.22 0.93 0.00	16.67 0.93 0.00	16.62 0.95 0.00	16.50 0.91 0.00	17.09 0.99 0.00	19.66 1.19 0.00	23.92 1.33 0.00	28.01 1.56 0.00	32.18 1.73 0.00	26.95 1.45 0.00	22.74 1.31 0.00	21.50 1.23 0.00	19.30 1.15 0.00	17.38 1.02 0.00
FARRAGUT___LBMP 323566	18.30 0.81 0.00	19.60 0.84 0.00	19.40 0.84 0.00	17.88 0.73 0.00	16.19 0.65 0.00	19.91 0.81 0.00	22.36 0.96 0.00	22.95 1.09 0.00	23.50 1.09 0.00	18.38 0.88 0.00	18.21 0.92 0.00	16.66 0.92 0.00	16.61 0.94 0.00	16.49 0.90 0.00	17.07 0.98 0.00	19.65 1.17 0.00	23.90 1.31 0.00	27.99 1.54 0.00	32.15 1.70 0.00	26.93 1.42 0.00	22.73 1.29 0.00	21.48 1.22 0.00	19.29 1.13 0.00	17.37 1.01 0.00
FENNER___WINDPWR 24204	17.65 0.16 0.00	18.93 0.18 0.00	18.73 0.17 0.00	17.29 0.13 0.00	15.68 0.14 0.00	19.33 0.22 0.00	21.68 0.28 0.00	22.15 0.30 0.00	22.68 0.27 0.00	17.61 0.10 0.00	17.34 0.05 0.00	15.77 0.03 0.00	15.70 0.03 0.00	15.60 0.01 0.00	16.09 0.00 0.00	18.48 0.01 0.00	22.72 0.13 0.00	26.76 0.31 0.00	30.98 0.52 0.00	25.90 0.39 0.00	21.66 0.22 0.00	20.44 0.18 0.00	18.28 0.13 0.00	16.47 0.10 0.00
FIBERTEK___ENERGY 23856	17.29 -0.19 0.00	18.55 -0.20 0.00	18.34 -0.22 0.00	16.94 -0.21 0.00	15.35 -0.19 0.00	18.89 -0.21 0.00	21.14 -0.26 0.00	21.56 -0.29 0.00	22.09 -0.32 0.00	17.23 -0.27 0.00	17.02 -0.27 0.00	15.49 -0.25 0.00	15.43 -0.25 0.00	15.36 -0.23 0.00	15.84 -0.25 0.00	18.20 -0.28 0.00	22.26 -0.33 0.00	26.10 -0.35 0.00	30.11 -0.34 0.00	25.23 -0.28 0.00	21.12 -0.32 0.00	19.96 -0.30 0.00	17.88 -0.28 0.00	16.13 -0.24 0.00
FITZPATRICK____ 23598	16.93 -0.56 0.00	18.17 -0.59 0.00	17.96 -0.60 0.00	16.59 -0.56 0.00	15.03 -0.51 0.00	18.49 -0.61 0.00	20.68 -0.72 0.00	21.07 -0.78 0.00	21.59 -0.82 0.00	16.87 -0.63 0.00	16.68 -0.61 0.00	15.18 -0.57 0.00	15.12 -0.56 0.00	15.04 -0.55 0.00	15.52 -0.57 0.00	17.83 -0.65 0.00	21.75 -0.83 0.00	25.45 -1.00 0.00	29.34 -1.11 0.00	24.59 -0.92 0.00	20.61 -0.82 0.00	19.48 -0.78 0.00	17.47 -0.69 0.00	15.78 -0.59 0.00
FLOWRFLD_69_KV_BK1 356044	18.66 1.17 0.00	19.93 1.17 0.00	19.69 1.12 0.00	18.13 0.98 0.00	16.41 0.87 0.00	20.16 1.06 0.00	22.49 1.09 0.00	23.04 1.19 0.00	23.35 0.94 0.00	18.32 0.83 0.00	18.35 1.05 0.00	16.72 0.98 0.00	16.65 0.98 0.00	16.57 0.98 0.00	17.21 1.12 0.00	19.80 1.32 0.00	23.77 1.18 0.00	27.18 1.33 0.60	31.82 1.38 0.01	26.83 1.32 0.00	22.72 1.29 0.00	21.44 1.18 0.00	19.48 1.33 0.00	17.57 1.20 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	18.29 0.81 0.00	19.59 0.83 0.00	19.39 0.83 0.00	17.89 0.74 0.00	16.21 0.67 0.00	19.94 0.83 0.00	22.39 0.99 0.00	22.97 1.11 0.00	23.51 1.10 0.00	18.36 0.86 0.00	18.15 0.86 0.00	16.58 0.83 0.00	16.52 0.84 0.00	16.42 0.84 0.00	17.00 0.91 0.00	19.58 1.10 0.00	23.92 1.33 0.00	28.04 1.59 0.00	32.25 1.80 0.00	27.01 1.51 0.00	22.76 1.32 0.00	21.51 1.25 0.00	19.29 1.14 0.00	17.35 0.98 0.00
FORT ORANGE____ 23900	17.77 0.28 0.00	19.02 0.26 0.00	18.82 0.26 0.00	17.41 0.26 0.00	15.76 0.22 0.00	19.39 0.28 0.00	21.75 0.35 0.00	22.23 0.37 0.00	22.74 0.33 0.00	17.73 0.23 0.00	17.48 0.19 0.00	15.93 0.18 0.00	15.85 0.17 0.00	15.77 0.19 0.00	16.30 0.21 0.00	18.74 0.26 0.00	22.97 0.38 0.00	26.97 0.52 0.00	31.07 0.62 0.00	26.04 0.53 0.00	21.95 0.51 0.00	20.76 0.49 0.00	18.60 0.45 0.00	16.71 0.35 0.00
FORT_DRUM_COGEN 23780	17.33 -0.16 0.00	18.60 -0.15 0.00	18.38 -0.18 0.00	16.92 -0.23 0.00	15.50 -0.04 0.00	19.22 0.11 0.00	21.44 0.04 0.00	21.75 -0.10 0.00	22.37 -0.04 0.00	17.33 -0.17 0.00	16.97 -0.32 0.00	15.38 -0.36 0.00	15.21 -0.46 0.00	14.90 -0.69 0.00	15.28 -0.81 0.00	17.57 -0.91 0.00	21.88 -0.70 0.00	26.24 -0.21 0.00	30.94 0.49 0.00	26.70 0.01 -1.18	22.86 -0.27 -1.70	21.45 -0.46 -1.65	18.00 -0.56 -0.40	16.30 -0.56 -0.49
FOX_HILLS___ESR 323835	18.27 0.78 0.00	19.61 0.85 0.00	19.53 0.97 -0.01	18.02 0.86 -0.01	16.32 0.78 -0.01	20.09 0.98 0.00	22.57 1.17 0.00	23.14 1.28 0.00	23.63 1.21 -0.01	18.44 0.94 0.00	18.26 0.97 0.00	16.68 0.94 0.00	16.62 0.95 0.00	16.51 0.92 0.00	17.08 0.99 0.00	19.67 1.19 0.00	23.92 1.34 0.00	28.09 1.64 0.00	32.26 1.81 0.00	26.98 1.48 0.00	22.79 1.35 0.00	21.53 1.26 0.00	19.32 1.17 0.00	17.40 1.04 0.00
FPL FAR_ROCK_GT1 24212	18.57 1.09 0.00	19.85 1.09 0.00	19.61 1.05 0.00	18.08 0.92 0.00	16.37 0.83 0.00	20.13 1.03 0.00	22.54 1.14 0.00	23.11 1.26 0.00	23.57 1.16 0.00	18.45 0.95 0.00	18.38 1.09 0.00	16.78 1.04 0.00	16.73 1.05 0.00	16.65 1.06 0.00	17.26 1.17 0.00	19.86 1.38 0.00	24.05 1.47 0.00	28.86 1.65 -0.77	32.34 1.89 0.00	27.12 1.61 0.00	22.91 1.48 0.00	21.65 1.39 0.00	19.52 1.37 0.00	17.57 1.20 0.00

FPL_FAR_ROCK_GT2 23815	18.57 1.09 0.00	19.85 1.09 0.00	19.61 1.05 0.00	18.08 0.92 0.00	16.37 0.83 0.00	20.13 1.03 0.00	22.54 1.14 0.00	23.11 1.26 0.00	23.57 1.16 0.00	18.45 0.95 0.00	18.38 1.09 0.00	16.78 1.04 0.00	16.73 1.05 0.00	16.65 1.06 0.00	17.26 1.17 0.00	19.86 1.38 0.00	24.05 1.47 0.00	28.86 1.65 -0.77	32.34 1.89 0.00	27.12 1.61 0.00	22.91 1.48 0.00	21.65 1.39 0.00	19.52 1.37 0.00	17.57 1.20 0.00
FRANKLIN_FALL_HYD 24054	17.40 -0.08 0.00	18.65 -0.11 0.00	18.53 -0.03 0.00	17.14 -0.01 0.00	15.53 0.00 0.00	19.05 -0.05 0.00	21.30 -0.10 0.00	21.84 -0.01 0.00	22.68 0.27 0.00	17.77 0.27 0.00	17.52 0.23 0.00	15.86 0.11 0.00	15.73 0.06 0.00	15.54 -0.05 0.00	15.99 -0.10 0.00	18.33 -0.15 0.00	22.49 -0.09 0.00	26.37 -0.08 0.00	30.40 -0.05 0.00	44.16 -0.21 -18.86	48.28 -0.22 -27.06	46.35 -0.23 -26.32	24.29 -0.30 -6.44	23.96 -0.29 -7.88
FREEPORT_EQUS_GT1 23764	18.48 0.99 0.00	19.74 0.98 0.00	19.50 0.94 0.00	17.97 0.82 0.00	16.27 0.73 0.00	20.00 0.90 0.00	22.37 0.97 0.00	22.93 1.08 0.00	23.36 0.95 0.00	18.31 0.81 0.00	18.25 0.96 0.00	16.66 0.92 0.00	16.60 0.93 0.00	16.52 0.93 0.00	17.14 1.05 0.00	19.70 1.23 0.00	23.80 1.21 0.00	27.81 1.36 0.01	32.00 1.55 0.00	26.83 1.32 0.00	22.69 1.26 0.00	21.47 1.21 0.00	19.40 1.24 0.00	17.47 1.10 0.00
FREEPORT___CT2 23818	18.48 0.99 0.00	19.74 0.98 0.00	19.50 0.94 0.00	17.97 0.82 0.00	16.27 0.73 0.00	20.00 0.90 0.00	22.37 0.97 0.00	22.93 1.08 0.00	23.36 0.95 0.00	18.31 0.81 0.00	18.25 0.96 0.00	16.66 0.92 0.00	16.60 0.93 0.00	16.52 0.93 0.00	17.14 1.05 0.00	19.70 1.23 0.00	23.80 1.21 0.00	27.81 1.36 0.01	32.00 1.55 0.00	26.83 1.32 0.00	22.69 1.26 0.00	21.47 1.21 0.00	19.40 1.24 0.00	17.47 1.10 0.00
FRESHKLS_33_KV_LOAD 356253	18.25 0.76 0.00	19.61 0.85 0.00	19.58 1.01 -0.01	18.06 0.90 -0.01	16.37 0.82 -0.01	20.15 1.04 0.00	22.63 1.23 0.00	23.19 1.33 0.00	23.66 1.25 -0.01	18.44 0.94 0.00	18.25 0.96 0.00	16.66 0.92 0.00	16.61 0.93 0.00	16.49 0.90 0.00	17.07 0.98 0.00	19.65 1.18 0.00	23.93 1.34 0.00	28.10 1.65 0.00	32.27 1.82 0.00	26.97 1.46 0.00	22.78 1.35 0.00	21.53 1.26 0.00	19.32 1.17 0.00	17.40 1.04 0.00
FULTON COGEN____ 23766	17.10 -0.38 0.00	18.36 -0.40 0.00	18.14 -0.42 0.00	16.76 -0.39 0.00	15.19 -0.35 0.00	18.69 -0.41 0.00	20.91 -0.49 0.00	21.32 -0.54 0.00	21.83 -0.58 0.00	17.03 -0.47 0.00	16.81 -0.48 0.00	15.30 -0.44 0.00	15.24 -0.44 0.00	15.16 -0.43 0.00	15.63 -0.46 0.00	17.96 -0.52 0.00	21.94 -0.65 0.00	25.75 -0.70 0.00	29.74 -0.72 0.00	24.92 -0.59 0.00	20.87 -0.57 0.00	19.71 -0.55 0.00	17.67 -0.49 0.00	15.94 -0.43 0.00
FULTON___LFGE 323630	18.41 0.93 0.00	19.77 1.01 0.00	19.55 0.99 0.00	18.06 0.91 0.00	16.37 0.83 0.00	20.15 1.04 0.00	22.60 1.20 0.00	23.08 1.23 0.00	23.38 0.96 0.00	17.81 0.31 0.00	17.48 0.19 0.00	15.94 0.20 0.00	15.89 0.22 0.00	15.81 0.22 0.00	16.34 0.24 0.00	18.75 0.28 0.00	23.23 0.65 0.00	27.82 1.37 0.00	32.31 1.86 0.00	27.08 1.57 0.00	22.71 1.27 0.00	21.43 1.17 0.00	19.14 0.99 0.00	17.23 0.86 0.00
G.F.CEMENT___DRP 24184	18.22 0.74 0.00	19.51 0.75 0.00	19.36 0.79 0.00	17.87 0.72 0.00	16.17 0.64 0.00	19.93 0.82 0.00	22.36 0.96 0.00	22.85 1.00 0.00	23.36 0.95 0.00	18.02 0.52 0.00	17.70 0.41 0.00	16.13 0.39 0.00	16.06 0.38 0.00	15.97 0.38 0.00	16.52 0.43 0.00	19.09 0.61 0.00	23.63 1.05 0.00	27.70 1.25 0.00	31.92 1.47 0.00	26.76 1.25 0.00	22.59 1.16 0.00	21.36 1.10 0.00	19.11 0.95 0.00	17.05 0.69 0.00
GARDENVILLE___LBMP 24039	16.86 -0.62 0.00	18.16 -0.60 0.00	17.83 -0.73 0.00	16.43 -0.72 0.00	14.92 -0.62 0.00	18.42 -0.69 0.00	20.72 -0.68 0.00	21.42 -0.60 -0.16	22.01 -0.40 0.00	17.14 -0.36 0.00	16.91 -0.38 0.00	15.32 -0.42 0.00	15.30 -0.37 0.00	15.31 -0.28 0.00	15.72 -0.37 0.00	18.00 -0.48 0.00	21.82 -0.77 0.00	25.29 -1.16 0.00	29.18 -1.27 0.00	24.54 -0.97 0.00	20.28 -1.16 0.00	19.16 -1.11 0.00	17.10 -1.06 0.00	15.50 -0.86 0.00
GARDNVLA_35_KV_LD 355827	16.93 -0.55 0.00	18.23 -0.53 0.00	17.90 -0.66 0.00	16.50 -0.65 0.00	14.97 -0.56 0.00	18.48 -0.62 0.00	20.80 -0.60 0.00	21.45 -0.52 -0.11	22.09 -0.32 0.00	17.20 -0.30 0.00	16.97 -0.32 0.00	15.38 -0.36 0.00	15.35 -0.32 0.00	15.36 -0.23 0.00	15.77 -0.32 0.00	18.07 -0.41 0.00	21.89 -0.69 0.00	25.37 -1.08 0.00	29.29 -1.16 0.00	24.64 -0.87 0.00	20.36 -1.08 0.00	19.23 -1.03 0.00	17.17 -0.99 0.00	15.57 -0.80 0.00
GELCKHM___115KV_LOAD 80723	17.19 -0.29 0.00	18.45 -0.30 0.00	18.23 -0.33 0.00	16.84 -0.31 0.00	15.26 -0.28 0.00	18.79 -0.32 0.00	21.02 -0.38 0.00	21.44 -0.42 0.00	21.97 -0.44 0.00	17.14 -0.36 0.00	16.93 -0.36 0.00	15.42 -0.32 0.00	15.35 -0.32 0.00	15.29 -0.31 0.00	15.77 -0.33 0.00	18.11 -0.37 0.00	22.14 -0.44 0.00	25.94 -0.51 0.00	29.92 -0.53 0.00	25.07 -0.44 0.00	20.99 -0.45 0.00	19.84 -0.42 0.00	17.77 -0.38 0.00	16.03 -0.33 0.00
GENERAL___MILLS 23808	16.91 -0.58 0.00	18.21 -0.55 0.00	17.88 -0.68 0.00	16.48 -0.67 0.00	14.96 -0.58 0.00	18.46 -0.64 0.00	20.78 -0.62 0.00	21.44 -0.54 -0.12	22.06 -0.35 0.00	17.18 -0.32 0.00	16.95 -0.34 0.00	15.36 -0.39 0.00	15.33 -0.34 0.00	15.34 -0.25 0.00	15.76 -0.33 0.00	18.04 -0.44 0.00	21.87 -0.72 0.00	25.34 -1.11 0.00	29.25 -1.20 0.00	24.61 -0.90 0.00	20.33 -1.10 0.00	19.21 -1.05 0.00	17.14 -1.01 0.00	15.55 -0.82 0.00
GE_PLASTICS___DRP 24183	17.74 0.25 0.00	18.98 0.23 0.00	18.79 0.23 0.00	17.39 0.24 0.00	15.74 0.20 0.00	19.36 0.25 0.00	21.71 0.31 0.00	22.18 0.33 0.00	22.69 0.28 0.00	17.71 0.21 0.00	17.48 0.19 0.00	15.94 0.20 0.00	15.86 0.19 0.00	15.78 0.19 0.00	16.31 0.22 0.00	18.75 0.27 0.00	22.96 0.37 0.00	26.92 0.47 0.00	30.96 0.51 0.00	25.95 0.44 0.00	21.88 0.44 0.00	20.69 0.43 0.00	18.56 0.40 0.00	16.68 0.32 0.00
GILBOA___1 23756	17.77 0.29 0.00	19.11 0.35 0.00	18.92 0.37 0.00	17.54 0.39 0.00	15.89 0.35 0.00	19.47 0.36 0.00	21.83 0.43 0.00	22.25 0.39 0.00	22.80 0.38 0.00	17.86 0.35 0.00	17.71 0.42 0.00	16.15 0.41 0.00	16.09 0.42 0.00	16.01 0.42 0.00	16.50 0.40 0.00	18.86 0.39 0.00	23.06 0.47 0.00	26.98 0.53 0.00	31.01 0.56 0.00	25.99 0.48 0.00	21.92 0.48 0.00	20.73 0.47 0.00	18.60 0.44 0.00	16.74 0.37 0.00
GILBOA___2 23757	17.77 0.29 0.00	19.11 0.35 0.00	18.92 0.37 0.00	17.54 0.39 0.00	15.89 0.35 0.00	19.47 0.36 0.00	21.83 0.43 0.00	22.25 0.39 0.00	22.80 0.38 0.00	17.86 0.35 0.00	17.71 0.42 0.00	16.15 0.41 0.00	16.09 0.42 0.00	16.01 0.42 0.00	16.50 0.40 0.00	18.86 0.39 0.00	23.06 0.47 0.00	26.98 0.53 0.00	31.01 0.56 0.00	25.99 0.48 0.00	21.92 0.48 0.00	20.73 0.47 0.00	18.60 0.44 0.00	16.74 0.37 0.00

GILBOA___3 23758	17.77 0.29 0.00	19.11 0.35 0.00	18.92 0.37 0.00	17.54 0.39 0.00	15.89 0.35 0.00	19.47 0.36 0.00	21.83 0.43 0.00	22.25 0.39 0.00	22.80 0.38 0.00	17.86 0.35 0.00	17.71 0.42 0.00	16.15 0.41 0.00	16.09 0.42 0.00	16.01 0.42 0.00	16.50 0.40 0.00	18.86 0.39 0.00	23.06 0.47 0.00	26.98 0.53 0.00	31.01 0.56 0.00	25.99 0.48 0.00	21.92 0.48 0.00	20.73 0.47 0.00	18.60 0.44 0.00	16.74 0.37 0.00
GILBOA___4 23759	17.77 0.29 0.00	19.11 0.35 0.00	18.92 0.37 0.00	17.54 0.39 0.00	15.89 0.35 0.00	19.47 0.36 0.00	21.83 0.43 0.00	22.25 0.39 0.00	22.80 0.38 0.00	17.86 0.35 0.00	17.71 0.42 0.00	16.15 0.41 0.00	16.09 0.42 0.00	16.01 0.42 0.00	16.50 0.40 0.00	18.86 0.39 0.00	23.06 0.47 0.00	26.98 0.53 0.00	31.01 0.56 0.00	25.99 0.48 0.00	21.92 0.48 0.00	20.73 0.47 0.00	18.60 0.44 0.00	16.74 0.37 0.00
GILBOA___ 23599	17.77 0.29 0.00	19.11 0.35 0.00	18.92 0.37 0.00	17.54 0.39 0.00	15.89 0.35 0.00	19.47 0.36 0.00	21.83 0.43 0.00	22.25 0.39 0.00	22.80 0.39 0.00	17.86 0.35 0.00	17.71 0.42 0.00	16.15 0.41 0.00	16.09 0.42 0.00	16.01 0.42 0.00	16.50 0.40 0.00	18.86 0.39 0.00	23.06 0.47 0.00	26.98 0.53 0.00	31.01 0.56 0.00	25.99 0.48 0.00	21.92 0.48 0.00	20.73 0.46 0.00	18.60 0.44 0.00	16.74 0.37 0.00
GINNA___ 23603	16.34 -1.14 0.00	17.57 -1.19 0.00	17.31 -1.26 0.00	15.98 -1.17 0.00	14.49 -1.05 0.00	17.87 -1.23 0.00	20.06 -1.34 0.00	20.51 -1.33 0.01	21.12 -1.29 0.00	16.43 -1.07 0.00	16.18 -1.11 0.00	14.67 -1.07 0.00	14.64 -1.03 0.00	14.62 -0.97 0.00	15.06 -1.03 0.00	17.29 -1.19 0.00	21.11 -1.47 0.00	24.71 -1.74 0.00	28.50 -1.95 0.00	23.95 -1.56 0.00	19.93 -1.51 0.00	18.78 -1.48 0.00	16.79 -1.36 0.00	15.18 -1.19 0.00
GLEN PARK___ 23778	17.39 -0.09 0.00	18.66 -0.09 0.00	18.44 -0.12 0.00	16.98 -0.17 0.00	15.54 0.01 0.00	19.27 0.17 0.00	21.52 0.12 0.00	21.83 -0.02 0.00	22.45 0.04 0.00	17.35 -0.14 0.00	16.97 -0.32 0.00	15.37 -0.37 0.00	15.20 -0.48 0.00	14.88 -0.70 0.00	15.27 -0.83 0.00	17.56 -0.92 0.00	21.89 -0.70 0.00	26.33 -0.12 0.00	31.11 0.66 0.00	26.79 0.16 -1.12	22.89 -0.15 -1.61	21.48 -0.35 -1.56	18.07 -0.47 -0.38	16.34 -0.49 -0.47
GLENDALE_27_KV_LOAD 356172	18.43 0.95 0.00	19.74 0.99 0.00	19.55 0.98 -0.01	18.02 0.86 -0.01	16.31 0.77 -0.01	20.06 0.95 0.00	22.52 1.12 0.00	23.10 1.25 0.00	23.69 1.27 -0.01	18.51 1.01 0.00	18.34 1.05 0.00	16.77 1.03 0.00	16.72 1.05 0.00	16.61 1.02 0.00	17.20 1.11 0.00	19.79 1.31 0.00	24.04 1.46 0.00	28.19 1.74 0.00	32.38 1.93 0.00	27.11 1.61 0.00	22.89 1.46 0.00	21.62 1.35 0.00	19.40 1.24 0.00	17.48 1.11 0.00
GLENWOOD_IC_1_G5 23712	18.45 0.96 0.00	19.72 0.96 0.00	19.48 0.92 0.00	17.96 0.81 0.00	16.26 0.72 0.00	19.99 0.89 0.00	22.37 0.97 0.00	22.93 1.08 0.00	23.38 0.97 0.00	18.33 0.83 0.00	18.25 0.96 0.00	16.67 0.93 0.00	16.62 0.94 0.00	16.53 0.94 0.00	17.15 1.05 0.00	19.71 1.24 0.00	23.85 1.27 0.00	27.87 1.42 0.00	32.05 1.60 0.00	26.86 1.36 0.00	22.71 1.28 0.00	21.47 1.21 0.00	19.38 1.22 0.00	17.45 1.08 0.00
GLENWOOD_IC_2_G1 23688	18.40 0.92 0.00	19.68 0.92 0.00	19.45 0.89 0.00	17.92 0.77 0.00	16.23 0.69 0.00	19.96 0.85 0.00	22.33 0.93 0.00	22.90 1.04 0.00	23.35 0.94 0.00	18.30 0.80 0.00	18.21 0.92 0.00	16.65 0.90 0.00	16.59 0.91 0.00	16.50 0.91 0.00	17.11 1.02 0.00	19.67 1.19 0.00	23.81 1.22 0.00	27.84 1.39 0.00	32.00 1.55 0.00	26.82 1.31 0.00	22.68 1.25 0.00	21.44 1.18 0.00	19.34 1.19 0.00	17.42 1.05 0.00
GLENWOOD_IC_3_G1 23689	18.40 0.92 0.00	19.68 0.92 0.00	19.45 0.89 0.00	17.92 0.77 0.00	16.23 0.69 0.00	19.96 0.85 0.00	22.33 0.93 0.00	22.90 1.04 0.00	23.35 0.94 0.00	18.30 0.80 0.00	18.21 0.92 0.00	16.65 0.90 0.00	16.59 0.91 0.00	16.50 0.91 0.00	17.11 1.02 0.00	19.67 1.19 0.00	23.81 1.22 0.00	27.84 1.39 0.00	32.00 1.55 0.00	26.82 1.31 0.00	22.68 1.25 0.00	21.44 1.18 0.00	19.34 1.19 0.00	17.42 1.05 0.00
GLENWOOD___4 23550	18.45 0.96 0.00	19.72 0.96 0.00	19.48 0.92 0.00	17.96 0.81 0.00	16.26 0.72 0.00	19.99 0.89 0.00	22.37 0.97 0.00	22.93 1.08 0.00	23.38 0.97 0.00	18.33 0.83 0.00	18.25 0.96 0.00	16.67 0.93 0.00	16.62 0.94 0.00	16.53 0.94 0.00	17.15 1.05 0.00	19.71 1.24 0.00	23.85 1.27 0.00	27.87 1.42 0.00	32.05 1.60 0.00	26.86 1.36 0.00	22.71 1.28 0.00	21.47 1.21 0.00	19.38 1.22 0.00	17.45 1.08 0.00
GLENWOOD___5 23614	18.45 0.96 0.00	19.72 0.96 0.00	19.48 0.92 0.00	17.96 0.81 0.00	16.26 0.72 0.00	19.99 0.89 0.00	22.37 0.97 0.00	22.93 1.08 0.00	23.38 0.97 0.00	18.33 0.83 0.00	18.25 0.96 0.00	16.67 0.93 0.00	16.62 0.94 0.00	16.53 0.94 0.00	17.15 1.05 0.00	19.71 1.24 0.00	23.85 1.27 0.00	27.87 1.42 0.00	32.05 1.60 0.00	26.86 1.36 0.00	22.71 1.28 0.00	21.47 1.21 0.00	19.38 1.22 0.00	17.45 1.08 0.00
GLOBAL GREEN_PORT_GT1 23814	19.00 1.52 0.00	20.26 1.50 0.00	20.00 1.44 0.00	18.40 1.25 0.00	16.62 1.09 0.00	20.42 1.31 0.00	22.84 1.44 0.00	23.45 1.59 0.00	23.70 1.29 0.00	18.59 1.08 0.00	18.54 1.25 0.00	16.87 1.13 0.00	16.77 1.09 0.00	16.63 1.05 0.00	17.23 1.14 0.00	19.86 1.38 0.00	23.76 1.18 0.00	27.03 1.19 0.61	31.84 1.40 0.01	26.66 1.15 0.00	22.55 1.12 0.00	21.27 1.01 0.00	19.26 1.10 0.00	17.32 0.96 0.00
GLOBE___DSASP 323697	16.41 -1.07 0.00	17.72 -1.03 0.00	17.40 -1.16 0.00	16.05 -1.11 0.00	14.57 -0.97 0.00	17.98 -1.13 0.00	20.19 -1.21 0.00	20.63 -1.20 0.02	21.40 -1.01 0.00	16.69 -0.81 0.00	16.45 -0.84 0.00	14.88 -0.86 0.00	14.90 -0.78 0.00	14.89 -0.70 0.00	15.29 -0.80 0.00	17.49 -0.99 0.00	21.11 -1.48 0.00	24.41 -2.04 0.00	28.14 -2.31 0.00	23.76 -1.75 0.00	19.67 -1.77 0.00	18.57 -1.69 0.00	16.60 -1.55 0.00	15.10 -1.27 0.00
GOETHSLN___LBMP 323567	18.21 0.73 0.00	19.51 0.75 0.00	19.30 0.73 0.00	17.78 0.63 0.00	16.10 0.57 0.00	19.82 0.71 0.00	22.25 0.85 0.00	22.84 0.98 0.00	23.40 0.99 0.00	18.31 0.81 0.00	18.13 0.84 0.00	16.60 0.86 0.00	16.55 0.88 0.00	16.43 0.84 0.00	17.00 0.91 0.00	19.57 1.09 0.00	23.80 1.22 0.00	27.88 1.43 0.00	32.04 1.58 0.00	26.84 1.34 0.00	22.65 1.21 0.00	21.41 1.15 0.00	19.23 1.08 0.00	17.32 0.95 0.00
GOLAH___69_KV_TB 1_2 80279	17.10 -0.38 0.00	18.40 -0.36 0.00	18.11 -0.45 0.00	16.73 -0.42 0.00	15.16 -0.38 0.00	18.70 -0.41 0.00	21.01 -0.39 0.00	21.50 -0.35 0.01	22.22 -0.19 0.00	17.23 -0.26 0.00	16.92 -0.37 0.00	15.34 -0.40 0.00	15.32 -0.36 0.00	15.30 -0.29 0.00	15.74 -0.35 0.00	18.06 -0.42 0.00	22.00 -0.59 0.00	25.74 -0.71 0.00	29.80 -0.65 0.00	25.07 -0.44 0.00	20.82 -0.61 0.00	19.63 -0.63 0.00	17.54 -0.62 0.00	15.86 -0.51 0.00

GOODYEAR_LAKE_HYD 323669	18.07 0.59 0.00	19.41 0.65 0.00	19.20 0.64 0.00	17.74 0.59 0.00	16.08 0.54 0.00	19.77 0.66 0.00	22.20 0.80 0.00	22.71 0.85 -0.01	23.29 0.88 0.00	18.16 0.66 0.00	17.95 0.66 0.00	16.35 0.61 0.00	16.27 0.60 0.00	16.19 0.60 0.00	16.68 0.59 0.00	19.11 0.64 0.00	23.43 0.85 0.00	27.52 1.07 0.00	31.72 1.27 0.00	26.57 1.06 0.00	22.28 0.85 0.00	21.01 0.75 0.00	18.79 0.63 0.00	16.92 0.55 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	17.46 -0.03 0.00	18.72 -0.04 0.00	18.51 -0.05 0.00	17.08 -0.07 0.00	15.50 -0.04 0.00	19.07 -0.04 0.00	21.40 0.00 0.00	21.93 0.06 -0.01	22.48 0.07 0.00	17.49 -0.01 0.00	17.31 0.02 0.00	15.80 0.05 0.00	15.72 0.05 0.00	15.67 0.08 0.00	16.15 0.06 0.00	18.54 0.06 0.00	22.69 0.10 0.00	26.50 0.05 0.00	30.61 0.16 0.00	25.65 0.15 0.00	21.41 -0.03 0.00	20.26 0.00 0.00	18.14 -0.01 0.00	16.32 -0.04 0.00
GOUDEY___7 23579	17.46 -0.03 0.00	18.72 -0.04 0.00	18.51 -0.05 0.00	17.08 -0.07 0.00	15.50 -0.04 0.00	19.07 -0.04 0.00	21.40 0.00 0.00	21.93 0.06 -0.01	22.48 0.07 0.00	17.49 -0.01 0.00	17.31 0.02 0.00	15.80 0.05 0.00	15.72 0.05 0.00	15.67 0.08 0.00	16.15 0.06 0.00	18.54 0.06 0.00	22.69 0.10 0.00	26.50 0.05 0.00	30.61 0.16 0.00	25.65 0.15 0.00	21.41 -0.03 0.00	20.26 0.00 0.00	18.14 -0.01 0.00	16.32 -0.04 0.00
GOUDEY___8 23580	17.46 -0.03 0.00	18.72 -0.04 0.00	18.51 -0.05 0.00	17.08 -0.07 0.00	15.50 -0.04 0.00	19.07 -0.04 0.00	21.40 0.00 0.00	21.93 0.06 -0.01	22.48 0.07 0.00	17.49 -0.01 0.00	17.31 0.02 0.00	15.80 0.05 0.00	15.72 0.05 0.00	15.67 0.08 0.00	16.15 0.06 0.00	18.54 0.06 0.00	22.69 0.10 0.00	26.50 0.05 0.00	30.61 0.16 0.00	25.65 0.15 0.00	21.41 -0.03 0.00	20.26 0.00 0.00	18.14 -0.01 0.00	16.32 -0.04 0.00
GOWANUS_GT1_1 24077	18.34 0.86 0.00	19.67 0.90 0.00	19.50 0.93 -0.01	17.98 0.82 -0.01	16.28 0.74 -0.01	20.03 0.92 0.00	22.49 1.09 0.00	23.08 1.22 0.00	23.63 1.22 -0.01	18.47 0.97 0.00	18.30 1.01 0.00	16.73 0.98 0.00	16.68 1.00 0.00	16.56 0.97 0.00	17.14 1.05 0.00	19.73 1.25 0.00	23.99 1.41 0.00	28.14 1.69 0.00	32.32 1.88 0.00	27.07 1.56 0.00	22.85 1.42 0.00	21.59 1.32 0.00	19.37 1.22 0.00	17.45 1.08 0.00
GOWANUS_GT1_2 24078	18.34 0.86 0.00	19.67 0.90 0.00	19.50 0.93 -0.01	17.98 0.82 -0.01	16.28 0.74 -0.01	20.03 0.92 0.00	22.49 1.09 0.00	23.08 1.22 0.00	23.63 1.22 -0.01	18.47 0.97 0.00	18.30 1.01 0.00	16.73 0.98 0.00	16.68 1.00 0.00	16.56 0.97 0.00	17.14 1.05 0.00	19.73 1.25 0.00	23.99 1.41 0.00	28.14 1.69 0.00	32.32 1.88 0.00	27.07 1.56 0.00	22.85 1.42 0.00	21.59 1.32 0.00	19.37 1.22 0.00	17.45 1.08 0.00
GOWANUS_GT1_3 24079	18.34 0.86 0.00	19.67 0.90 0.00	19.50 0.93 -0.01	17.98 0.82 -0.01	16.28 0.74 -0.01	20.03 0.92 0.00	22.49 1.09 0.00	23.08 1.22 0.00	23.63 1.22 -0.01	18.47 0.97 0.00	18.30 1.01 0.00	16.73 0.98 0.00	16.68 1.00 0.00	16.56 0.97 0.00	17.14 1.05 0.00	19.73 1.25 0.00	23.99 1.41 0.00	28.14 1.69 0.00	32.32 1.88 0.00	27.07 1.56 0.00	22.85 1.42 0.00	21.59 1.32 0.00	19.37 1.22 0.00	17.45 1.08 0.00
GOWANUS_GT1_4 24080	18.34 0.86 0.00	19.67 0.90 0.00	19.50 0.93 -0.01	17.98 0.82 -0.01	16.28 0.74 -0.01	20.03 0.92 0.00	22.49 1.09 0.00	23.08 1.22 0.00	23.63 1.22 -0.01	18.47 0.97 0.00	18.30 1.01 0.00	16.73 0.98 0.00	16.68 1.00 0.00	16.56 0.97 0.00	17.14 1.05 0.00	19.73 1.25 0.00	23.99 1.41 0.00	28.14 1.69 0.00	32.32 1.88 0.00	27.07 1.56 0.00	22.85 1.42 0.00	21.59 1.32 0.00	19.37 1.22 0.00	17.45 1.08 0.00
GOWANUS_GT1_5 24084	18.34 0.86 0.00	19.67 0.90 0.00	19.50 0.93 -0.01	17.98 0.82 -0.01	16.28 0.74 -0.01	20.03 0.92 0.00	22.49 1.09 0.00	23.08 1.22 0.00	23.63 1.22 -0.01	18.47 0.97 0.00	18.30 1.01 0.00	16.73 0.98 0.00	16.68 1.00 0.00	16.56 0.97 0.00	17.14 1.05 0.00	19.73 1.25 0.00	23.99 1.41 0.00	28.14 1.69 0.00	32.32 1.88 0.00	27.07 1.56 0.00	22.85 1.42 0.00	21.59 1.32 0.00	19.37 1.22 0.00	17.45 1.08 0.00
GOWANUS_GT1_6 24111	18.34 0.86 0.00	19.67 0.90 0.00	19.50 0.93 -0.01	17.98 0.82 -0.01	16.28 0.74 -0.01	20.03 0.92 0.00	22.49 1.09 0.00	23.08 1.22 0.00	23.63 1.22 -0.01	18.47 0.97 0.00	18.30 1.01 0.00	16.73 0.98 0.00	16.68 1.00 0.00	16.56 0.97 0.00	17.14 1.05 0.00	19.73 1.25 0.00	23.99 1.41 0.00	28.14 1.69 0.00	32.32 1.88 0.00	27.07 1.56 0.00	22.85 1.42 0.00	21.59 1.32 0.00	19.37 1.22 0.00	17.45 1.08 0.00
GOWANUS_GT1_7 24112	18.34 0.86 0.00	19.67 0.90 0.00	19.50 0.93 -0.01	17.98 0.82 -0.01	16.28 0.74 -0.01	20.03 0.92 0.00	22.49 1.09 0.00	23.08 1.22 0.00	23.63 1.22 -0.01	18.47 0.97 0.00	18.30 1.01 0.00	16.73 0.98 0.00	16.68 1.00 0.00	16.56 0.97 0.00	17.14 1.05 0.00	19.73 1.25 0.00	23.99 1.41 0.00	28.14 1.69 0.00	32.32 1.88 0.00	27.07 1.56 0.00	22.85 1.42 0.00	21.59 1.32 0.00	19.37 1.22 0.00	17.45 1.08 0.00
GOWANUS_GT1_8 24113	18.34 0.86 0.00	19.67 0.90 0.00	19.50 0.93 -0.01	17.98 0.82 -0.01	16.28 0.74 -0.01	20.03 0.92 0.00	22.49 1.09 0.00	23.08 1.22 0.00	23.63 1.22 -0.01	18.47 0.97 0.00	18.30 1.01 0.00	16.73 0.98 0.00	16.68 1.00 0.00	16.56 0.97 0.00	17.14 1.05 0.00	19.73 1.25 0.00	23.99 1.41 0.00	28.14 1.69 0.00	32.32 1.88 0.00	27.07 1.56 0.00	22.85 1.42 0.00	21.59 1.32 0.00	19.37 1.22 0.00	17.45 1.08 0.00
GOWANUS_GT2_1 24114	18.34 0.86 0.00	19.67 0.90 0.00	19.50 0.93 -0.01	17.98 0.82 -0.01	16.28 0.74 -0.01	20.03 0.92 0.00	22.49 1.09 0.00	23.08 1.22 0.00	23.63 1.22 -0.01	18.46 0.97 0.00	18.30 1.01 0.00	16.73 0.99 0.00	16.68 1.01 0.00	16.56 0.97 0.00	17.14 1.05 0.00	19.73 1.25 0.00	24.00 1.41 0.00	28.14 1.69 0.00	32.32 1.87 0.00	27.07 1.56 0.00	22.86 1.42 0.00	21.59 1.32 0.00	19.37 1.22 0.00	17.45 1.08 0.00
GOWANUS_GT2_2 24115	18.34 0.86 0.00	19.67 0.90 0.00	19.50 0.93 -0.01	17.98 0.82 -0.01	16.28 0.74 -0.01	20.03 0.92 0.00	22.49 1.09 0.00	23.08 1.22 0.00	23.63 1.22 -0.01	18.46 0.97 0.00	18.30 1.01 0.00	16.73 0.99 0.00	16.68 1.01 0.00	16.56 0.97 0.00	17.14 1.05 0.00	19.73 1.25 0.00	24.00 1.41 0.00	28.14 1.69 0.00	32.32 1.87 0.00	27.07 1.56 0.00	22.86 1.42 0.00	21.59 1.32 0.00	19.37 1.22 0.00	17.45 1.08 0.00
GOWANUS_GT2_3 24116	18.34 0.86 0.00	19.67 0.90 0.00	19.50 0.93 -0.01	17.98 0.82 -0.01	16.28 0.74 -0.01	20.03 0.92 0.00	22.49 1.09 0.00	23.08 1.22 0.00	23.63 1.22 -0.01	18.46 0.97 0.00	18.30 1.01 0.00	16.73 0.99 0.00	16.68 1.01 0.00	16.56 0.97 0.00	17.14 1.05 0.00	19.73 1.25 0.00	24.00 1.41 0.00	28.14 1.69 0.00	32.32 1.87 0.00	27.07 1.56 0.00	22.86 1.42 0.00	21.59 1.32 0.00	19.37 1.22 0.00	17.45 1.08 0.00

GOWANUS_GT2_4 24117	18.34 0.86 0.00	19.67 0.90 0.00	19.50 0.93 -0.01	17.98 0.82 -0.01	16.28 0.74 -0.01	20.03 0.92 0.00	22.49 1.09 0.00	23.08 1.22 0.00	23.63 1.22 -0.01	18.46 0.97 0.00	18.30 1.01 0.00	16.73 0.99 0.00	16.68 1.01 0.00	16.56 0.97 0.00	17.14 1.05 0.00	19.73 1.25 0.00	24.00 1.41 0.00	28.14 1.69 0.00	32.32 1.87 0.00	27.07 1.56 0.00	22.86 1.42 0.00	21.59 1.32 0.00	19.37 1.22 0.00	17.45 1.08 0.00
GOWANUS_GT2_5 24118	18.34 0.86 0.00	19.67 0.90 0.00	19.50 0.93 -0.01	17.98 0.82 -0.01	16.28 0.74 -0.01	20.03 0.92 0.00	22.49 1.09 0.00	23.08 1.22 0.00	23.63 1.22 -0.01	18.46 0.97 0.00	18.30 1.01 0.00	16.73 0.99 0.00	16.68 1.01 0.00	16.56 0.97 0.00	17.14 1.05 0.00	19.73 1.25 0.00	24.00 1.41 0.00	28.14 1.69 0.00	32.32 1.87 0.00	27.07 1.56 0.00	22.86 1.42 0.00	21.59 1.32 0.00	19.37 1.22 0.00	17.45 1.08 0.00
GOWANUS_GT2_6 24119	18.34 0.86 0.00	19.67 0.90 0.00	19.50 0.93 -0.01	17.98 0.82 -0.01	16.28 0.74 -0.01	20.03 0.92 0.00	22.49 1.09 0.00	23.08 1.22 0.00	23.63 1.22 -0.01	18.46 0.97 0.00	18.30 1.01 0.00	16.73 0.99 0.00	16.68 1.01 0.00	16.56 0.97 0.00	17.14 1.05 0.00	19.73 1.25 0.00	24.00 1.41 0.00	28.14 1.69 0.00	32.32 1.87 0.00	27.07 1.56 0.00	22.86 1.42 0.00	21.59 1.32 0.00	19.37 1.22 0.00	17.45 1.08 0.00
GOWANUS_GT2_7 24120	18.34 0.86 0.00	19.67 0.90 0.00	19.50 0.93 -0.01	17.98 0.82 -0.01	16.28 0.74 -0.01	20.03 0.92 0.00	22.49 1.09 0.00	23.08 1.22 0.00	23.63 1.22 -0.01	18.46 0.97 0.00	18.30 1.01 0.00	16.73 0.99 0.00	16.68 1.01 0.00	16.56 0.97 0.00	17.14 1.05 0.00	19.73 1.25 0.00	24.00 1.41 0.00	28.14 1.69 0.00	32.32 1.87 0.00	27.07 1.56 0.00	22.86 1.42 0.00	21.59 1.32 0.00	19.37 1.22 0.00	17.45 1.08 0.00
GOWANUS_GT2_8 24121	18.34 0.86 0.00	19.67 0.90 0.00	19.50 0.93 -0.01	17.98 0.82 -0.01	16.28 0.74 -0.01	20.03 0.92 0.00	22.49 1.09 0.00	23.08 1.22 0.00	23.63 1.22 -0.01	18.46 0.97 0.00	18.30 1.01 0.00	16.73 0.99 0.00	16.68 1.01 0.00	16.56 0.97 0.00	17.14 1.05 0.00	19.73 1.25 0.00	24.00 1.41 0.00	28.14 1.69 0.00	32.32 1.87 0.00	27.07 1.56 0.00	22.86 1.42 0.00	21.59 1.32 0.00	19.37 1.22 0.00	17.45 1.08 0.00
GOWANUS_GT3_1 24122	18.34 0.86 0.00	19.67 0.90 0.00	19.50 0.93 -0.01	17.98 0.82 -0.01	16.28 0.74 -0.01	20.03 0.92 0.00	22.49 1.09 0.00	23.08 1.22 0.00	23.63 1.22 -0.01	18.46 0.97 0.00	18.30 1.01 0.00	16.73 0.99 0.00	16.68 1.01 0.00	16.56 0.97 0.00	17.14 1.05 0.00	19.73 1.25 0.00	24.00 1.41 0.00	28.14 1.69 0.00	32.32 1.87 0.00	27.07 1.56 0.00	22.86 1.42 0.00	21.59 1.32 0.00	19.37 1.22 0.00	17.45 1.08 0.00
GOWANUS_GT3_2 24123	18.34 0.86 0.00	19.67 0.90 0.00	19.50 0.93 -0.01	17.98 0.82 -0.01	16.28 0.74 -0.01	20.03 0.92 0.00	22.49 1.09 0.00	23.08 1.22 0.00	23.63 1.22 -0.01	18.46 0.97 0.00	18.30 1.01 0.00	16.73 0.99 0.00	16.68 1.01 0.00	16.56 0.97 0.00	17.14 1.05 0.00	19.73 1.25 0.00	24.00 1.41 0.00	28.14 1.69 0.00	32.32 1.87 0.00	27.07 1.56 0.00	22.86 1.42 0.00	21.59 1.32 0.00	19.37 1.22 0.00	17.45 1.08 0.00
GOWANUS_GT3_3 24124	18.34 0.86 0.00	19.67 0.90 0.00	19.50 0.93 -0.01	17.98 0.82 -0.01	16.28 0.74 -0.01	20.03 0.92 0.00	22.49 1.09 0.00	23.08 1.22 0.00	23.63 1.22 -0.01	18.46 0.97 0.00	18.30 1.01 0.00	16.73 0.99 0.00	16.68 1.01 0.00	16.56 0.97 0.00	17.14 1.05 0.00	19.73 1.25 0.00	24.00 1.41 0.00	28.14 1.69 0.00	32.32 1.87 0.00	27.07 1.56 0.00	22.86 1.42 0.00	21.59 1.32 0.00	19.37 1.22 0.00	17.45 1.08 0.00
GOWANUS_GT3_4 24125	18.34 0.86 0.00	19.67 0.90 0.00	19.50 0.93 -0.01	17.98 0.82 -0.01	16.28 0.74 -0.01	20.03 0.92 0.00	22.49 1.09 0.00	23.08 1.22 0.00	23.63 1.22 -0.01	18.46 0.97 0.00	18.30 1.01 0.00	16.73 0.99 0.00	16.68 1.01 0.00	16.56 0.97 0.00	17.14 1.05 0.00	19.73 1.25 0.00	24.00 1.41 0.00	28.14 1.69 0.00	32.32 1.87 0.00	27.07 1.56 0.00	22.86 1.42 0.00	21.59 1.32 0.00	19.37 1.22 0.00	17.45 1.08 0.00
GOWANUS_GT3_5 24126	18.34 0.86 0.00	19.67 0.90 0.00	19.50 0.93 -0.01	17.98 0.82 -0.01	16.28 0.74 -0.01	20.03 0.92 0.00	22.49 1.09 0.00	23.08 1.22 0.00	23.63 1.22 -0.01	18.46 0.97 0.00	18.30 1.01 0.00	16.73 0.99 0.00	16.68 1.01 0.00	16.56 0.97 0.00	17.14 1.05 0.00	19.73 1.25 0.00	24.00 1.41 0.00	28.14 1.69 0.00	32.32 1.87 0.00	27.07 1.56 0.00	22.86 1.42 0.00	21.59 1.32 0.00	19.37 1.22 0.00	17.45 1.08 0.00
GOWANUS_GT3_6 24127	18.34 0.86 0.00	19.67 0.90 0.00	19.50 0.93 -0.01	17.98 0.82 -0.01	16.28 0.74 -0.01	20.03 0.92 0.00	22.49 1.09 0.00	23.08 1.22 0.00	23.63 1.22 -0.01	18.46 0.97 0.00	18.30 1.01 0.00	16.73 0.99 0.00	16.68 1.01 0.00	16.56 0.97 0.00	17.14 1.05 0.00	19.73 1.25 0.00	24.00 1.41 0.00	28.14 1.69 0.00	32.32 1.87 0.00	27.07 1.56 0.00	22.86 1.42 0.00	21.59 1.32 0.00	19.37 1.22 0.00	17.45 1.08 0.00
GOWANUS_GT3_7 24128	18.34 0.86 0.00	19.67 0.90 0.00	19.50 0.93 -0.01	17.98 0.82 -0.01	16.28 0.74 -0.01	20.03 0.92 0.00	22.49 1.09 0.00	23.08 1.22 0.00	23.63 1.22 -0.01	18.46 0.97 0.00	18.30 1.01 0.00	16.73 0.99 0.00	16.68 1.01 0.00	16.56 0.97 0.00	17.14 1.05 0.00	19.73 1.25 0.00	24.00 1.41 0.00	28.14 1.69 0.00	32.32 1.87 0.00	27.07 1.56 0.00	22.86 1.42 0.00	21.59 1.32 0.00	19.37 1.22 0.00	17.45 1.08 0.00
GOWANUS_GT3_8 24129	18.34 0.86 0.00	19.67 0.90 0.00	19.50 0.93 -0.01	17.98 0.82 -0.01	16.28 0.74 -0.01	20.03 0.92 0.00	22.49 1.09 0.00	23.08 1.22 0.00	23.63 1.22 -0.01	18.46 0.97 0.00	18.30 1.01 0.00	16.73 0.99 0.00	16.68 1.01 0.00	16.56 0.97 0.00	17.14 1.05 0.00	19.73 1.25 0.00	24.00 1.41 0.00	28.14 1.69 0.00	32.32 1.87 0.00	27.07 1.56 0.00	22.86 1.42 0.00	21.59 1.32 0.00	19.37 1.22 0.00	17.45 1.08 0.00
GOWANUS_GT4_1 24130	18.34 0.86 0.00	19.67 0.90 0.00	19.50 0.93 -0.01	17.98 0.82 -0.01	16.28 0.74 -0.01	20.03 0.92 0.00	22.49 1.09 0.00	23.08 1.22 0.00	23.63 1.22 -0.01	18.47 0.97 0.00	18.30 1.01 0.00	16.73 0.98 0.00	16.68 1.00 0.00	16.56 0.97 0.00	17.14 1.05 0.00	19.73 1.25 0.00	23.99 1.41 0.00	28.14 1.69 0.00	32.32 1.88 0.00	27.07 1.56 0.00	22.85 1.42 0.00	21.59 1.32 0.00	19.37 1.22 0.00	17.45 1.08 0.00
GOWANUS_GT4_2 24131	18.34 0.86 0.00	19.67 0.90 0.00	19.50 0.93 -0.01	17.98 0.82 -0.01	16.28 0.74 -0.01	20.03 0.92 0.00	22.49 1.09 0.00	23.08 1.22 0.00	23.63 1.22 -0.01	18.47 0.97 0.00	18.30 1.01 0.00	16.73 0.98 0.00	16.68 1.00 0.00	16.56 0.97 0.00	17.14 1.05 0.00	19.73 1.25 0.00	23.99 1.41 0.00	28.14 1.69 0.00	32.32 1.88 0.00	27.07 1.56 0.00	22.85 1.42 0.00	21.59 1.32 0.00	19.37 1.22 0.00	17.45 1.08 0.00

GOWANUS_GT4_3 24132	18.34 0.86 0.00	19.67 0.90 0.00	19.50 0.93 -0.01	17.98 0.82 -0.01	16.28 0.74 -0.01	20.03 0.92 0.00	22.49 1.09 0.00	23.08 1.22 0.00	23.63 1.22 -0.01	18.47 0.97 0.00	18.30 1.01 0.00	16.73 0.98 0.00	16.68 1.00 0.00	16.56 0.97 0.00	17.14 1.05 0.00	19.73 1.25 0.00	23.99 1.41 0.00	28.14 1.69 0.00	32.32 1.88 0.00	27.07 1.56 0.00	22.85 1.42 0.00	21.59 1.32 0.00	19.37 1.22 0.00	17.45 1.08 0.00
GOWANUS_GT4_4 24133	18.34 0.86 0.00	19.67 0.90 0.00	19.50 0.93 -0.01	17.98 0.82 -0.01	16.28 0.74 -0.01	20.03 0.92 0.00	22.49 1.09 0.00	23.08 1.22 0.00	23.63 1.22 -0.01	18.47 0.97 0.00	18.30 1.01 0.00	16.73 0.98 0.00	16.68 1.00 0.00	16.56 0.97 0.00	17.14 1.05 0.00	19.73 1.25 0.00	23.99 1.41 0.00	28.14 1.69 0.00	32.32 1.88 0.00	27.07 1.56 0.00	22.85 1.42 0.00	21.59 1.32 0.00	19.37 1.22 0.00	17.45 1.08 0.00
GOWANUS_GT4_5 24134	18.34 0.86 0.00	19.67 0.90 0.00	19.50 0.93 -0.01	17.98 0.82 -0.01	16.28 0.74 -0.01	20.03 0.92 0.00	22.49 1.09 0.00	23.08 1.22 0.00	23.63 1.22 -0.01	18.47 0.97 0.00	18.30 1.01 0.00	16.73 0.98 0.00	16.68 1.00 0.00	16.56 0.97 0.00	17.14 1.05 0.00	19.73 1.25 0.00	23.99 1.41 0.00	28.14 1.69 0.00	32.32 1.88 0.00	27.07 1.56 0.00	22.85 1.42 0.00	21.59 1.32 0.00	19.37 1.22 0.00	17.45 1.08 0.00
GOWANUS_GT4_6 24135	18.34 0.86 0.00	19.67 0.90 0.00	19.50 0.93 -0.01	17.98 0.82 -0.01	16.28 0.74 -0.01	20.03 0.92 0.00	22.49 1.09 0.00	23.08 1.22 0.00	23.63 1.22 -0.01	18.47 0.97 0.00	18.30 1.01 0.00	16.73 0.98 0.00	16.68 1.00 0.00	16.56 0.97 0.00	17.14 1.05 0.00	19.73 1.25 0.00	23.99 1.41 0.00	28.14 1.69 0.00	32.32 1.88 0.00	27.07 1.56 0.00	22.85 1.42 0.00	21.59 1.32 0.00	19.37 1.22 0.00	17.45 1.08 0.00
GOWANUS_GT4_7 24136	18.34 0.86 0.00	19.67 0.90 0.00	19.50 0.93 -0.01	17.98 0.82 -0.01	16.28 0.74 -0.01	20.03 0.92 0.00	22.49 1.09 0.00	23.08 1.22 0.00	23.63 1.22 -0.01	18.47 0.97 0.00	18.30 1.01 0.00	16.73 0.98 0.00	16.68 1.00 0.00	16.56 0.97 0.00	17.14 1.05 0.00	19.73 1.25 0.00	23.99 1.41 0.00	28.14 1.69 0.00	32.32 1.88 0.00	27.07 1.56 0.00	22.85 1.42 0.00	21.59 1.32 0.00	19.37 1.22 0.00	17.45 1.08 0.00
GOWANUS_GT4_8 24137	18.34 0.86 0.00	19.67 0.90 0.00	19.50 0.93 -0.01	17.98 0.82 -0.01	16.28 0.74 -0.01	20.03 0.92 0.00	22.49 1.09 0.00	23.08 1.22 0.00	23.63 1.22 -0.01	18.47 0.97 0.00	18.30 1.01 0.00	16.73 0.98 0.00	16.68 1.00 0.00	16.56 0.97 0.00	17.14 1.05 0.00	19.73 1.25 0.00	23.99 1.41 0.00	28.14 1.69 0.00	32.32 1.88 0.00	27.07 1.56 0.00	22.85 1.42 0.00	21.59 1.32 0.00	19.37 1.22 0.00	17.45 1.08 0.00
GREENBSH_115KV_TB3 55895	17.68 0.20 0.00	18.91 0.16 0.00	18.72 0.16 0.00	17.32 0.17 0.00	15.68 0.14 0.00	19.28 0.18 0.00	21.62 0.23 0.00	22.10 0.24 0.00	22.61 0.20 0.00	17.67 0.16 0.00	17.44 0.14 0.00	15.90 0.16 0.00	15.83 0.16 0.00	15.75 0.16 0.00	16.28 0.19 0.00	18.71 0.24 0.00	22.90 0.32 0.00	26.84 0.39 0.00	30.85 0.40 0.00	25.86 0.35 0.00	21.81 0.37 0.00	20.63 0.37 0.00	18.50 0.35 0.00	16.63 0.26 0.00
GREENIDGE_115KV_TB5 80291	17.32 -0.16 0.00	18.56 -0.19 0.00	18.31 -0.24 0.00	16.89 -0.26 0.00	15.31 -0.23 0.00	18.86 -0.25 0.00	21.19 -0.21 0.00	21.75 -0.12 -0.02	22.36 -0.05 0.00	17.32 -0.18 0.00	17.06 -0.23 0.00	15.47 -0.27 0.00	15.38 -0.29 0.00	15.34 -0.25 0.00	15.80 -0.29 0.00	18.16 -0.32 0.00	22.27 -0.32 0.00	26.18 -0.27 0.00	30.34 -0.11 0.00	25.45 -0.06 0.00	21.11 -0.33 0.00	19.94 -0.32 0.00	17.81 -0.35 0.00	16.03 -0.34 0.00
GREENIDGE___3 23582	17.32 -0.16 0.00	18.56 -0.19 0.00	18.31 -0.24 0.00	16.89 -0.26 0.00	15.31 -0.23 0.00	18.86 -0.25 0.00	21.19 -0.21 0.00	21.75 -0.12 -0.02	22.36 -0.05 0.00	17.32 -0.18 0.00	17.06 -0.23 0.00	15.47 -0.27 0.00	15.38 -0.29 0.00	15.34 -0.25 0.00	15.80 -0.29 0.00	18.16 -0.32 0.00	22.27 -0.32 0.00	26.18 -0.27 0.00	30.34 -0.11 0.00	25.45 -0.06 0.00	21.11 -0.33 0.00	19.94 -0.32 0.00	17.81 -0.35 0.00	16.03 -0.34 0.00
GREENIDGE___4 23583	17.32 -0.16 0.00	18.56 -0.19 0.00	18.31 -0.24 0.00	16.89 -0.26 0.00	15.31 -0.23 0.00	18.86 -0.24 0.00	21.19 -0.21 0.00	21.75 -0.12 -0.02	22.36 -0.05 0.00	17.32 -0.18 0.00	17.06 -0.24 0.00	15.47 -0.28 0.00	15.38 -0.30 0.00	15.33 -0.25 0.00	15.80 -0.29 0.00	18.16 -0.32 0.00	22.27 -0.32 0.00	26.18 -0.27 0.00	30.34 -0.11 0.00	25.44 -0.06 0.00	21.11 -0.33 0.00	19.94 -0.33 0.00	17.81 -0.35 0.00	16.03 -0.34 0.00
GREENLWN_69_KV_BK 3 55738	18.45 0.97 0.00	19.73 0.97 0.00	19.48 0.92 0.00	17.95 0.80 0.00	16.24 0.71 0.00	19.95 0.84 0.00	22.19 0.79 0.00	22.68 0.83 0.00	23.02 0.60 0.00	18.12 0.62 0.00	18.17 0.88 0.00	16.59 0.84 0.00	16.52 0.85 0.00	16.45 0.86 0.00	17.08 0.99 0.00	19.57 1.10 0.00	23.43 0.84 0.00	26.76 0.87 0.56	31.43 0.99 0.01	26.36 0.86 0.00	22.36 0.93 0.00	21.12 0.86 0.00	19.23 1.08 0.00	17.38 1.02 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	18.34 0.86 0.00	19.67 0.90 0.00	19.50 0.93 -0.01	17.98 0.82 -0.01	16.28 0.74 -0.01	20.03 0.92 0.00	22.49 1.09 0.00	23.08 1.22 0.00	23.63 1.22 -0.01	18.47 0.97 0.00	18.30 1.01 0.00	16.73 0.98 0.00	16.68 1.00 0.00	16.56 0.97 0.00	17.14 1.05 0.00	19.73 1.25 0.00	23.99 1.41 0.00	28.14 1.69 0.00	32.32 1.88 0.00	27.07 1.56 0.00	22.85 1.42 0.00	21.59 1.32 0.00	19.37 1.22 0.00	17.45 1.08 0.00
GRISSOM___SOLAR 323813	18.36 0.88 0.00	19.71 0.95 0.00	19.50 0.94 0.00	18.01 0.86 0.00	16.33 0.79 0.00	20.09 0.99 0.00	22.54 1.14 0.00	23.02 1.16 0.00	23.26 0.85 0.00	17.67 0.17 0.00	17.33 0.04 0.00	15.82 0.08 0.00	15.76 0.09 0.00	15.67 0.08 0.00	16.19 0.10 0.00	18.58 0.10 0.00	23.08 0.49 0.00	27.72 1.27 0.00	32.22 1.77 0.00	27.01 1.50 0.00	22.67 1.23 0.00	21.39 1.13 0.00	19.12 0.96 0.00	17.20 0.83 0.00
GROVEVILLE___HYD 323602	18.29 0.81 0.00	19.59 0.83 0.00	19.39 0.83 0.00	17.89 0.74 0.00	16.21 0.67 0.00	19.94 0.83 0.00	22.39 0.99 0.00	22.97 1.11 0.00	23.51 1.10 0.00	18.36 0.86 0.00	18.15 0.86 0.00	16.58 0.83 0.00	16.52 0.84 0.00	16.42 0.84 0.00	17.00 0.91 0.00	19.58 1.10 0.00	23.92 1.33 0.00	28.04 1.59 0.00	32.25 1.80 0.00	27.01 1.51 0.00	22.76 1.32 0.00	21.51 1.25 0.00	19.29 1.14 0.00	17.35 0.98 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	17.29 -0.19 0.00	18.55 -0.20 0.00	18.34 -0.22 0.00	16.94 -0.21 0.00	15.35 -0.19 0.00	18.89 -0.21 0.00	21.14 -0.26 0.00	21.56 -0.29 0.00	22.09 -0.32 0.00	17.23 -0.27 0.00	17.02 -0.27 0.00	15.49 -0.25 0.00	15.43 -0.25 0.00	15.36 -0.23 0.00	15.84 -0.25 0.00	18.20 -0.28 0.00	22.26 -0.33 0.00	26.10 -0.35 0.00	30.11 -0.34 0.00	25.23 -0.28 0.00	21.12 -0.32 0.00	19.96 -0.30 0.00	17.88 -0.28 0.00	16.13 -0.24 0.00

HAMLTNNY_34_KV_TB 80303	17.27 -0.22 0.00	18.53 -0.23 0.00	18.30 -0.25 0.00	16.91 -0.24 0.00	15.32 -0.21 0.00	18.87 -0.24 0.00	21.12 -0.28 0.00	21.55 -0.30 0.00	22.08 -0.33 0.00	17.21 -0.29 0.00	17.00 -0.29 0.00	15.47 -0.27 0.00	15.40 -0.27 0.00	15.34 -0.25 0.00	15.82 -0.27 0.00	18.17 -0.30 0.00	22.23 -0.35 0.00	26.07 -0.38 0.00	30.09 -0.36 0.00	25.22 -0.29 0.00	21.09 -0.34 0.00	19.94 -0.32 0.00	17.86 -0.29 0.00	16.11 -0.26 0.00
HAMPSHIRE___PAPER_HYD 323593	17.53 0.04 0.00	18.81 0.06 0.00	18.62 0.05 0.00	17.15 0.00 0.00	15.63 0.09 0.00	19.30 0.19 0.00	21.58 0.18 0.00	22.00 0.15 0.00	22.66 0.25 0.00	17.62 0.12 0.00	17.30 0.01 0.00	15.67 -0.07 0.00	15.54 -0.13 0.00	15.33 -0.26 0.00	15.77 -0.32 0.00	18.11 -0.36 0.00	22.35 -0.23 0.00	26.52 0.07 0.00	30.90 0.45 0.00	28.60 0.14 -2.95	25.63 -0.03 -4.23	24.21 -0.17 -4.12	18.89 -0.28 -1.01	17.33 -0.27 -1.23
HARDSCRABBLE_WT_PWR 323673	17.52 0.04 0.00	18.75 0.00 0.00	18.55 -0.01 0.00	17.15 0.00 0.00	15.54 0.01 0.00	19.10 -0.01 0.00	21.46 0.07 0.00	21.96 0.11 0.00	22.26 -0.15 0.00	17.14 -0.36 0.00	16.89 -0.40 0.00	15.40 -0.34 0.00	15.32 -0.35 0.00	15.23 -0.36 0.00	15.72 -0.37 0.00	18.17 -0.30 0.00	22.50 -0.09 0.00	26.61 0.16 0.00	30.61 0.16 0.00	25.64 0.13 0.00	21.61 0.17 0.00	20.47 0.21 0.00	18.34 0.18 0.00	16.44 0.07 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	18.14 0.66 0.00	19.45 0.69 0.00	19.24 0.68 0.00	17.75 0.60 0.00	16.08 0.55 0.00	19.80 0.69 0.00	22.24 0.84 0.00	22.82 0.96 0.00	23.36 0.95 0.00	18.23 0.74 0.00	18.03 0.74 0.00	16.48 0.74 0.00	16.43 0.76 0.00	16.34 0.75 0.00	16.91 0.82 0.00	19.45 0.98 0.00	23.77 1.18 0.00	27.87 1.41 0.00	32.06 1.61 0.00	26.85 1.34 0.00	22.60 1.17 0.00	21.35 1.09 0.00	19.17 1.01 0.00	17.24 0.87 0.00
HARSNRAD_115KV_TB1 81005	16.70 -0.78 0.00	18.01 -0.74 0.00	17.69 -0.88 0.00	16.30 -0.85 0.00	14.80 -0.74 0.00	18.28 -0.83 0.00	20.55 -0.85 0.00	21.05 -0.82 -0.01	21.80 -0.61 0.00	16.97 -0.53 0.00	16.70 -0.59 0.00	15.11 -0.63 0.00	15.11 -0.56 0.00	15.10 -0.49 0.00	15.51 -0.58 0.00	17.76 -0.72 0.00	21.49 -1.09 0.00	24.92 -1.53 0.00	28.76 -1.69 0.00	24.27 -1.24 0.00	20.07 -1.36 0.00	18.95 -1.31 0.00	16.93 -1.22 0.00	15.38 -0.99 0.00
HARZA MOOSE___RIVER 24016	17.56 0.07 0.00	18.87 0.11 0.00	18.66 0.10 0.00	17.19 0.04 0.00	15.67 0.13 0.00	19.37 0.26 0.00	21.68 0.28 0.00	22.07 0.21 0.00	22.64 0.23 0.00	17.61 0.11 0.00	17.31 0.02 0.00	15.72 -0.02 0.00	15.61 -0.06 0.00	15.39 -0.20 0.00	15.85 -0.24 0.00	18.21 -0.27 0.00	22.50 -0.09 0.00	26.69 0.24 0.00	31.11 0.66 0.00	26.63 0.30 -0.82	22.69 0.08 -1.17	21.29 -0.11 -1.14	18.25 -0.19 -0.28	16.51 -0.20 -0.34
HDSNBRDG_115KV_BRDG_TB1 355580	17.20 -0.28 0.00	18.46 -0.30 0.00	18.25 -0.31 0.00	16.85 -0.31 0.00	15.27 -0.27 0.00	18.79 -0.31 0.00	21.04 -0.36 0.00	21.46 -0.39 0.00	21.98 -0.42 0.00	17.15 -0.35 0.00	16.94 -0.35 0.00	15.43 -0.31 0.00	15.36 -0.31 0.00	15.30 -0.29 0.00	15.78 -0.31 0.00	18.13 -0.35 0.00	22.16 -0.43 0.00	25.95 -0.50 0.00	29.94 -0.51 0.00	25.09 -0.42 0.00	21.00 -0.43 0.00	19.86 -0.41 0.00	17.79 -0.37 0.00	16.05 -0.32 0.00
HELLGATE_13_KV_LD 55870	18.38 0.89 0.00	19.69 0.92 0.00	19.49 0.93 -0.01	17.98 0.82 -0.01	16.28 0.73 -0.01	20.01 0.90 0.00	22.46 1.06 0.00	23.03 1.17 0.00	23.60 1.19 -0.01	18.44 0.95 0.00	18.27 0.98 0.00	16.71 0.97 0.00	16.66 0.98 0.00	16.55 0.96 0.00	17.13 1.04 0.00	19.70 1.22 0.00	23.93 1.35 0.00	28.06 1.61 0.00	32.22 1.77 0.00	26.98 1.47 0.00	22.78 1.35 0.00	21.52 1.26 0.00	19.32 1.17 0.00	17.41 1.05 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	18.38 0.89 0.00	19.69 0.92 0.00	19.49 0.93 -0.01	17.98 0.82 -0.01	16.28 0.73 -0.01	20.01 0.90 0.00	22.46 1.06 0.00	23.03 1.17 0.00	23.60 1.19 -0.01	18.44 0.95 0.00	18.27 0.98 0.00	16.71 0.97 0.00	16.66 0.98 0.00	16.55 0.96 0.00	17.13 1.04 0.00	19.70 1.22 0.00	23.93 1.35 0.00	28.06 1.61 0.00	32.22 1.77 0.00	26.98 1.47 0.00	22.78 1.35 0.00	21.52 1.26 0.00	19.32 1.17 0.00	17.41 1.05 0.00
HEMPSTEAD____ 23647	18.38 0.89 0.00	19.64 0.88 0.00	19.41 0.85 0.00	17.89 0.74 0.00	16.20 0.66 0.00	19.91 0.81 0.00	22.27 0.87 0.00	22.84 0.98 0.00	23.27 0.86 0.00	18.24 0.74 0.00	18.18 0.89 0.00	16.60 0.85 0.00	16.54 0.87 0.00	16.46 0.87 0.00	17.07 0.98 0.00	19.62 1.14 0.00	23.72 1.13 0.00	27.49 1.26 0.22	31.87 1.42 0.00	26.71 1.20 0.00	22.59 1.16 0.00	21.36 1.10 0.00	19.30 1.15 0.00	17.38 1.01 0.00
HEWLETT_69_KV_BK3 55828	18.50 1.02 0.00	19.77 1.02 0.00	19.54 0.98 0.00	18.02 0.87 0.00	16.31 0.77 0.00	20.06 0.95 0.00	22.45 1.05 0.00	23.02 1.17 0.00	23.48 1.07 0.00	18.38 0.89 0.00	18.31 1.02 0.00	16.72 0.98 0.00	16.67 0.99 0.00	16.58 0.99 0.00	17.20 1.10 0.00	19.78 1.30 0.00	23.95 1.37 0.00	28.75 1.53 -0.77	32.19 1.74 0.00	26.99 1.48 0.00	22.81 1.37 0.00	21.56 1.30 0.00	19.44 1.29 0.00	17.50 1.14 0.00
HICKLING___1 23621	17.24 -0.24 0.00	18.46 -0.30 0.00	18.23 -0.33 0.00	16.78 -0.37 0.00	15.22 -0.32 0.00	18.74 -0.36 0.00	21.06 -0.34 0.00	21.66 -0.22 -0.03	22.29 -0.12 0.00	17.31 -0.19 0.00	17.14 -0.15 0.00	15.63 -0.11 0.00	15.54 -0.13 0.00	15.52 -0.07 0.00	15.99 -0.11 0.00	18.34 -0.13 0.00	22.46 -0.12 0.00	26.20 -0.25 0.00	30.31 -0.14 0.00	25.35 -0.16 0.00	20.97 -0.46 0.00	19.88 -0.38 0.00	17.77 -0.38 0.00	15.98 -0.39 0.00
HICKLING___2 23622	17.24 -0.24 0.00	18.46 -0.30 0.00	18.23 -0.33 0.00	16.78 -0.37 0.00	15.22 -0.32 0.00	18.74 -0.36 0.00	21.06 -0.34 0.00	21.66 -0.22 -0.03	22.29 -0.12 0.00	17.31 -0.19 0.00	17.14 -0.15 0.00	15.63 -0.11 0.00	15.54 -0.13 0.00	15.52 -0.07 0.00	15.99 -0.11 0.00	18.34 -0.13 0.00	22.46 -0.12 0.00	26.20 -0.25 0.00	30.31 -0.14 0.00	25.35 -0.16 0.00	20.97 -0.46 0.00	19.88 -0.38 0.00	17.77 -0.38 0.00	15.98 -0.39 0.00
HIGH FALLS___HY 23754	18.33 0.84 0.00	19.64 0.89 0.00	19.44 0.88 0.00	17.94 0.79 0.00	16.26 0.72 0.00	20.00 0.89 0.00	22.47 1.07 0.00	23.06 1.21 0.00	23.64 1.23 0.00	18.44 0.94 0.00	18.21 0.92 0.00	16.61 0.86 0.00	16.53 0.86 0.00	16.43 0.84 0.00	17.00 0.90 0.00	19.58 1.11 0.00	23.92 1.33 0.00	28.11 1.65 0.00	32.39 1.94 0.00	27.14 1.63 0.00	22.85 1.42 0.00	21.59 1.32 0.00	19.36 1.20 0.00	17.41 1.04 0.00
HIGH_RIVER___SOLAR 323847	18.08 0.60 0.00	19.41 0.65 0.00	19.20 0.65 0.00	17.75 0.60 0.00	16.08 0.54 0.00	19.77 0.67 0.00	22.18 0.78 0.00	22.65 0.79 0.00	23.02 0.61 0.00	17.69 0.18 0.00	17.34 0.05 0.00	15.80 0.06 0.00	15.73 0.06 0.00	15.64 0.05 0.00	16.16 0.06 0.00	18.60 0.12 0.00	23.03 0.44 0.00	27.36 0.91 0.00	31.65 1.20 0.00	26.53 1.02 0.00	22.30 0.87 0.00	21.07 0.81 0.00	18.86 0.70 0.00	16.97 0.60 0.00

HILLBURN___GT 23639	18.06 0.58 0.00	19.36 0.60 0.00	19.17 0.61 0.00	17.67 0.52 0.00	16.01 0.48 0.00	19.71 0.61 0.00	22.15 0.75 0.00	22.73 0.88 0.00	23.28 0.87 0.00	18.19 0.69 0.00	18.00 0.71 0.00	16.47 0.72 0.00	16.42 0.75 0.00	16.32 0.74 0.00	16.89 0.79 0.00	19.42 0.94 0.00	23.69 1.11 0.00	27.76 1.31 0.00	31.94 1.48 0.00	26.74 1.23 0.00	22.52 1.09 0.00	21.29 1.03 0.00	19.12 0.96 0.00	17.20 0.84 0.00
HILLSIDE_115KV_TB1 80332	17.12 -0.36 0.00	18.34 -0.42 0.00	18.13 -0.43 0.00	16.69 -0.46 0.00	15.16 -0.38 0.00	18.67 -0.44 0.00	20.97 -0.43 0.00	21.56 -0.32 -0.03	22.14 -0.27 0.00	17.19 -0.31 0.00	17.05 -0.24 0.00	15.58 -0.16 0.00	15.49 -0.18 0.00	15.47 -0.12 0.00	15.94 -0.15 0.00	18.29 -0.19 0.00	22.39 -0.20 0.00	26.04 -0.41 0.00	30.14 -0.31 0.00	25.24 -0.26 0.00	20.92 -0.52 0.00	19.85 -0.41 0.00	17.77 -0.39 0.00	15.96 -0.41 0.00
HISHELDN_WT_PWR 323625	16.77 -0.71 0.00	18.01 -0.74 0.00	17.71 -0.85 0.00	16.30 -0.85 0.00	14.77 -0.77 0.00	18.21 -0.90 0.00	20.50 -0.90 0.00	21.16 -0.79 -0.10	21.80 -0.61 0.00	16.99 -0.51 0.00	16.79 -0.50 0.00	15.21 -0.53 0.00	15.13 -0.54 0.00	15.12 -0.47 0.00	15.55 -0.54 0.00	17.81 -0.66 0.00	21.61 -0.97 0.00	25.15 -1.30 0.00	29.00 -1.45 0.00	24.30 -1.21 0.00	20.06 -1.38 0.00	18.95 -1.32 0.00	16.93 -1.22 0.00	15.34 -1.03 0.00
HOLTSVILLE_IC_1 23690	18.60 1.12 0.00	19.87 1.12 0.00	19.63 1.07 0.00	18.08 0.93 0.00	16.36 0.82 0.00	20.10 1.00 0.00	22.42 1.03 0.00	22.98 1.12 0.00	23.28 0.87 0.00	18.27 0.77 0.00	18.29 1.00 0.00	16.67 0.93 0.00	16.60 0.93 0.00	16.52 0.93 0.00	17.16 1.07 0.00	19.72 1.25 0.00	23.66 1.08 0.00	27.03 1.20 0.62	31.76 1.32 0.01	26.68 1.17 0.00	22.61 1.18 0.00	21.35 1.09 0.00	19.40 1.25 0.00	17.50 1.13 0.00
HOLTSVILLE_IC_10 23699	18.67 1.19 0.00	19.94 1.18 0.00	19.70 1.13 0.00	18.14 0.99 0.00	16.41 0.88 0.00	20.18 1.07 0.00	22.50 1.10 0.00	23.06 1.21 0.00	23.37 0.96 0.00	18.33 0.83 0.00	18.34 1.05 0.00	16.72 0.98 0.00	16.65 0.98 0.00	16.57 0.98 0.00	17.21 1.12 0.00	19.79 1.32 0.00	23.76 1.18 0.00	27.17 1.32 0.61	31.91 1.47 0.01	26.82 1.31 0.00	22.72 1.29 0.00	21.45 1.19 0.00	19.49 1.33 0.00	17.56 1.20 0.00
HOLTSVILLE_IC_2 23691	18.60 1.12 0.00	19.87 1.12 0.00	19.63 1.07 0.00	18.08 0.93 0.00	16.36 0.82 0.00	20.10 1.00 0.00	22.42 1.03 0.00	22.98 1.12 0.00	23.28 0.87 0.00	18.27 0.77 0.00	18.29 1.00 0.00	16.67 0.93 0.00	16.60 0.93 0.00	16.52 0.93 0.00	17.16 1.07 0.00	19.72 1.25 0.00	23.66 1.08 0.00	27.03 1.20 0.62	31.76 1.32 0.01	26.68 1.17 0.00	22.61 1.18 0.00	21.35 1.09 0.00	19.40 1.25 0.00	17.50 1.13 0.00
HOLTSVILLE_IC_3 23692	18.60 1.12 0.00	19.87 1.12 0.00	19.63 1.07 0.00	18.08 0.93 0.00	16.36 0.82 0.00	20.10 1.00 0.00	22.42 1.03 0.00	22.98 1.12 0.00	23.28 0.87 0.00	18.27 0.77 0.00	18.29 1.00 0.00	16.67 0.93 0.00	16.60 0.93 0.00	16.52 0.93 0.00	17.16 1.07 0.00	19.72 1.25 0.00	23.66 1.08 0.00	27.03 1.20 0.62	31.76 1.32 0.01	26.68 1.17 0.00	22.61 1.18 0.00	21.35 1.09 0.00	19.40 1.25 0.00	17.50 1.13 0.00
HOLTSVILLE_IC_4 23693	18.60 1.12 0.00	19.87 1.12 0.00	19.63 1.07 0.00	18.08 0.93 0.00	16.36 0.82 0.00	20.10 1.00 0.00	22.42 1.03 0.00	22.98 1.12 0.00	23.28 0.87 0.00	18.27 0.77 0.00	18.29 1.00 0.00	16.67 0.93 0.00	16.60 0.93 0.00	16.52 0.93 0.00	17.16 1.07 0.00	19.72 1.25 0.00	23.66 1.08 0.00	27.03 1.20 0.62	31.76 1.32 0.01	26.68 1.17 0.00	22.61 1.18 0.00	21.35 1.09 0.00	19.40 1.25 0.00	17.50 1.13 0.00
HOLTSVILLE_IC_5 23694	18.60 1.12 0.00	19.87 1.12 0.00	19.63 1.07 0.00	18.08 0.93 0.00	16.36 0.82 0.00	20.10 1.00 0.00	22.42 1.03 0.00	22.98 1.12 0.00	23.28 0.87 0.00	18.27 0.77 0.00	18.29 1.00 0.00	16.67 0.93 0.00	16.60 0.93 0.00	16.52 0.93 0.00	17.16 1.07 0.00	19.72 1.25 0.00	23.66 1.08 0.00	27.03 1.20 0.62	31.76 1.32 0.01	26.68 1.17 0.00	22.61 1.18 0.00	21.35 1.09 0.00	19.40 1.25 0.00	17.50 1.13 0.00
HOLTSVILLE_IC_6 23695	18.67 1.19 0.00	19.94 1.18 0.00	19.70 1.13 0.00	18.14 0.99 0.00	16.41 0.88 0.00	20.18 1.07 0.00	22.50 1.10 0.00	23.06 1.21 0.00	23.37 0.96 0.00	18.33 0.83 0.00	18.34 1.05 0.00	16.72 0.98 0.00	16.65 0.98 0.00	16.57 0.98 0.00	17.21 1.12 0.00	19.79 1.32 0.00	23.76 1.18 0.00	27.17 1.32 0.61	31.91 1.47 0.01	26.82 1.31 0.00	22.72 1.29 0.00	21.45 1.19 0.00	19.49 1.33 0.00	17.56 1.20 0.00
HOLTSVILLE_IC_7 23696	18.67 1.19 0.00	19.94 1.18 0.00	19.70 1.13 0.00	18.14 0.99 0.00	16.41 0.88 0.00	20.18 1.07 0.00	22.50 1.10 0.00	23.06 1.21 0.00	23.37 0.96 0.00	18.33 0.83 0.00	18.34 1.05 0.00	16.72 0.98 0.00	16.65 0.98 0.00	16.57 0.98 0.00	17.21 1.12 0.00	19.79 1.32 0.00	23.76 1.18 0.00	27.17 1.32 0.61	31.91 1.47 0.01	26.82 1.31 0.00	22.72 1.29 0.00	21.45 1.19 0.00	19.49 1.33 0.00	17.56 1.20 0.00
HOLTSVILLE_IC_8 23697	18.67 1.19 0.00	19.94 1.18 0.00	19.70 1.13 0.00	18.14 0.99 0.00	16.41 0.88 0.00	20.18 1.07 0.00	22.50 1.10 0.00	23.06 1.21 0.00	23.37 0.96 0.00	18.33 0.83 0.00	18.34 1.05 0.00	16.72 0.98 0.00	16.65 0.98 0.00	16.57 0.98 0.00	17.21 1.12 0.00	19.79 1.32 0.00	23.76 1.18 0.00	27.17 1.32 0.61	31.91 1.47 0.01	26.82 1.31 0.00	22.72 1.29 0.00	21.45 1.19 0.00	19.49 1.33 0.00	17.56 1.20 0.00
HOLTSVILLE_IC_9 23698	18.67 1.19 0.00	19.94 1.18 0.00	19.70 1.13 0.00	18.14 0.99 0.00	16.41 0.88 0.00	20.18 1.07 0.00	22.50 1.10 0.00	23.06 1.21 0.00	23.37 0.96 0.00	18.33 0.83 0.00	18.34 1.05 0.00	16.72 0.98 0.00	16.65 0.98 0.00	16.57 0.98 0.00	17.21 1.12 0.00	19.79 1.32 0.00	23.76 1.18 0.00	27.17 1.32 0.61	31.91 1.47 0.01	26.82 1.31 0.00	22.72 1.29 0.00	21.45 1.19 0.00	19.49 1.33 0.00	17.56 1.20 0.00
HOMER_HL_115KV_TB2 355744	17.22 -0.27 0.00	18.52 -0.23 0.00	18.22 -0.34 0.00	16.77 -0.39 0.00	15.25 -0.29 0.00	18.82 -0.28 0.00	21.20 -0.19 0.00	21.92 -0.02 -0.09	22.54 0.13 0.00	17.51 0.01 0.00	17.33 0.03 0.00	15.81 0.07 0.00	15.75 0.08 0.00	15.77 0.18 0.00	16.23 0.13 0.00	18.59 0.11 0.00	22.62 0.03 0.00	26.21 -0.24 0.00	30.33 -0.12 0.00	25.44 -0.06 0.00	21.01 -0.43 0.00	19.89 -0.38 0.00	17.78 -0.37 0.00	16.04 -0.33 0.00
HOWARD_WT_PWR 323690	16.92 -0.56 0.00	18.04 -0.72 0.00	17.78 -0.78 0.00	16.39 -0.76 0.00	14.75 -0.79 0.00	18.07 -1.04 0.00	20.27 -1.13 0.00	20.93 -0.97 -0.05	21.78 -0.63 0.00	17.08 -0.42 0.00	16.92 -0.37 0.00	15.35 -0.40 0.00	15.20 -0.48 0.00	15.18 -0.41 0.00	15.62 -0.47 0.00	17.96 -0.52 0.00	21.91 -0.67 0.00	25.61 -0.84 0.00	29.39 -1.06 0.00	24.38 -1.13 0.00	20.03 -1.41 0.00	18.90 -1.36 0.00	16.86 -1.29 0.00	15.20 -1.17 0.00

HQ_GEN_CEDARS 23644	17.63 0.14 0.00	18.90 0.14 0.00	18.72 0.16 0.00	17.28 0.13 0.00	15.66 0.13 0.00	19.25 0.15 0.00	21.55 0.14 0.00	22.06 0.20 0.00	22.76 0.35 0.00	17.78 0.28 0.00	17.50 0.21 0.00	15.86 0.11 0.00	15.77 0.10 0.00	15.65 0.06 0.00	16.16 0.06 0.00	18.54 0.07 0.00	22.67 0.08 0.00	26.58 0.12 0.00	30.62 0.17 0.00	26.99 0.10 -1.38	23.49 0.08 -1.98	22.23 0.05 -1.92	18.58 -0.04 -0.47	16.94 0.00 -0.58
HQ_GEN_CEDARS_PROXY 323590	17.63 0.14 0.00	18.90 0.14 0.00	18.72 0.16 0.00	17.28 0.13 0.00	15.66 0.13 0.00	19.25 0.15 0.00	21.55 0.15 0.00	22.06 0.20 0.00	22.76 0.35 0.00	17.78 0.28 0.00	17.50 0.21 0.00	15.85 0.11 0.00	15.77 0.10 0.00	15.65 0.06 0.00	16.16 0.07 0.00	18.54 0.07 0.00	22.67 0.08 0.00	26.58 0.12 0.00	30.63 0.17 0.00	26.99 0.10 -1.38	23.49 0.08 -1.98	22.23 0.05 -1.92	18.58 -0.04 -0.47	16.94 0.00 -0.58
HQ_GEN_IMPORT 323601	17.53 0.05 0.00	18.81 0.05 0.00	18.62 0.06 0.00	17.21 0.06 0.00	15.58 0.05 0.00	19.16 0.05 0.00	21.45 0.04 0.00	21.92 0.06 0.00	22.55 0.13 0.00	17.62 0.12 0.00	17.39 0.10 0.00	15.80 0.06 0.00	15.72 0.05 0.00	15.63 0.04 0.00	16.13 0.04 0.00	18.52 0.04 0.00	22.63 0.04 0.00	26.48 0.03 0.00	30.49 0.04 0.00	25.53 0.02 0.00	21.45 0.02 0.00	20.28 0.01 0.00	18.14 -0.02 0.00	16.36 0.00 0.00
HQ_GEN_WHEEL 23651	17.53 0.05 0.00	18.81 0.05 0.00	18.62 0.06 0.00	17.21 0.06 0.00	15.58 0.05 0.00	19.16 0.05 0.00	21.45 0.04 0.00	21.92 0.06 0.00	22.55 0.13 0.00	17.62 0.12 0.00	17.39 0.10 0.00	15.80 0.06 0.00	15.72 0.05 0.00	15.63 0.04 0.00	16.13 0.04 0.00	18.52 0.04 0.00	22.63 0.04 0.00	26.48 0.03 0.00	30.49 0.04 0.00	25.53 0.02 0.00	21.45 0.02 0.00	20.28 0.01 0.00	18.14 -0.02 0.00	16.36 0.00 0.00
HUDSON_AVE_GT_3 23810	18.33 0.84 0.00	19.64 0.88 0.00	19.43 0.87 0.00	17.91 0.76 0.00	16.21 0.68 0.00	19.94 0.84 0.00	22.39 0.99 0.00	22.98 1.13 0.00	23.55 1.13 0.00	18.42 0.92 0.00	18.25 0.96 0.00	16.70 0.95 0.00	16.64 0.97 0.00	16.53 0.94 0.00	17.11 1.02 0.00	19.69 1.21 0.00	23.96 1.37 0.00	28.06 1.61 0.00	32.23 1.78 0.00	26.99 1.49 0.00	22.78 1.35 0.00	21.53 1.27 0.00	19.33 1.17 0.00	17.41 1.04 0.00
HUDSON_AVE_GT_4 23540	18.33 0.84 0.00	19.64 0.88 0.00	19.43 0.87 0.00	17.91 0.76 0.00	16.21 0.68 0.00	19.94 0.84 0.00	22.39 0.99 0.00	22.98 1.13 0.00	23.55 1.13 0.00	18.42 0.92 0.00	18.25 0.96 0.00	16.70 0.95 0.00	16.64 0.97 0.00	16.53 0.94 0.00	17.11 1.02 0.00	19.69 1.21 0.00	23.96 1.37 0.00	28.06 1.61 0.00	32.23 1.78 0.00	26.99 1.49 0.00	22.78 1.35 0.00	21.53 1.27 0.00	19.33 1.17 0.00	17.41 1.04 0.00
HUDSON_AVE_GT_5 23657	18.33 0.84 0.00	19.64 0.88 0.00	19.43 0.87 0.00	17.91 0.76 0.00	16.21 0.68 0.00	19.94 0.84 0.00	22.39 0.99 0.00	22.98 1.13 0.00	23.55 1.13 0.00	18.42 0.92 0.00	18.25 0.96 0.00	16.70 0.95 0.00	16.64 0.97 0.00	16.53 0.94 0.00	17.11 1.02 0.00	19.69 1.21 0.00	23.96 1.37 0.00	28.06 1.61 0.00	32.23 1.78 0.00	26.99 1.49 0.00	22.78 1.35 0.00	21.53 1.27 0.00	19.33 1.17 0.00	17.41 1.04 0.00
HUDSON_AVE_10 24168	18.24 0.76 0.00	19.55 0.79 0.00	19.36 0.80 0.00	17.85 0.70 0.00	16.16 0.62 0.00	19.87 0.76 0.00	22.31 0.91 0.00	22.89 1.04 0.00	23.44 1.03 0.00	18.33 0.83 0.00	18.16 0.87 0.00	16.62 0.88 0.00	16.57 0.90 0.00	16.45 0.86 0.00	17.03 0.93 0.00	19.60 1.12 0.00	23.84 1.26 0.00	28.29 1.48 -0.36	32.06 1.61 0.00	26.86 1.35 0.00	22.67 1.24 0.00	21.42 1.16 0.00	19.24 1.08 0.00	17.33 0.96 0.00
HUDSON___115KV_TB 4 355613	17.99 0.51 0.00	19.25 0.50 0.00	19.05 0.49 0.00	17.63 0.48 0.00	15.96 0.42 0.00	19.65 0.54 0.00	22.06 0.66 0.00	22.56 0.70 0.00	23.06 0.65 0.00	17.90 0.40 0.00	17.57 0.28 0.00	15.98 0.24 0.00	15.89 0.22 0.00	15.81 0.22 0.00	16.35 0.25 0.00	18.79 0.32 0.00	23.14 0.55 0.00	27.32 0.87 0.00	31.58 1.13 0.00	26.47 0.96 0.00	22.29 0.85 0.00	21.05 0.79 0.00	18.85 0.69 0.00	16.92 0.55 0.00
HUNTER MOUNT___DRP 323613	18.07 0.59 0.00	19.33 0.57 0.00	19.12 0.55 0.00	17.70 0.55 0.00	16.03 0.49 0.00	19.73 0.62 0.00	22.16 0.76 0.00	22.66 0.81 0.00	23.17 0.76 0.00	17.94 0.44 0.00	17.57 0.28 0.00	15.97 0.23 0.00	15.88 0.20 0.00	15.80 0.20 0.00	16.33 0.24 0.00	18.78 0.31 0.00	23.19 0.60 0.00	27.42 0.97 0.00	31.74 1.29 0.00	26.61 1.11 0.00	22.38 0.95 0.00	21.13 0.87 0.00	18.91 0.75 0.00	16.96 0.59 0.00
HUNTINGTON_RES_REC 323705	18.52 1.04 0.00	19.80 1.04 0.00	19.55 0.99 0.00	18.01 0.86 0.00	16.30 0.76 0.00	20.02 0.91 0.00	22.30 0.90 0.00	22.81 0.96 0.00	23.12 0.71 0.00	18.18 0.68 0.00	18.22 0.93 0.00	16.61 0.87 0.00	16.55 0.88 0.00	16.47 0.88 0.00	17.11 1.02 0.00	19.64 1.17 0.00	23.54 0.96 0.00	26.92 1.05 0.58	31.60 1.15 0.01	26.54 1.04 0.00	22.50 1.07 0.00	21.24 0.98 0.00	19.33 1.17 0.00	17.45 1.08 0.00
HUNTLEY___63 23557	16.81 -0.67 0.00	18.13 -0.62 0.00	17.81 -0.75 0.00	16.40 -0.74 0.00	14.90 -0.64 0.00	18.40 -0.71 0.00	20.68 -0.72 0.00	21.21 -0.67 -0.04	21.95 -0.46 0.00	17.09 -0.41 0.00	16.84 -0.45 0.00	15.25 -0.50 0.00	15.24 -0.43 0.00	15.24 -0.35 0.00	15.65 -0.44 0.00	17.91 -0.57 0.00	21.68 -0.91 0.00	25.12 -1.33 0.00	28.99 -1.46 0.00	24.43 -1.07 0.00	20.21 -1.22 0.00	19.09 -1.18 0.00	17.04 -1.11 0.00	15.48 -0.89 0.00
HUNTLEY___64 23558	16.81 -0.67 0.00	18.13 -0.62 0.00	17.81 -0.75 0.00	16.40 -0.74 0.00	14.90 -0.64 0.00	18.40 -0.71 0.00	20.68 -0.72 0.00	21.21 -0.67 -0.04	21.95 -0.46 0.00	17.09 -0.41 0.00	16.84 -0.45 0.00	15.25 -0.50 0.00	15.24 -0.43 0.00	15.24 -0.35 0.00	15.65 -0.44 0.00	17.91 -0.57 0.00	21.68 -0.91 0.00	25.12 -1.33 0.00	28.99 -1.46 0.00	24.43 -1.07 0.00	20.21 -1.22 0.00	19.09 -1.18 0.00	17.04 -1.11 0.00	15.48 -0.89 0.00
HUNTLEY___65 23559	16.81 -0.67 0.00	18.13 -0.62 0.00	17.81 -0.75 0.00	16.40 -0.74 0.00	14.90 -0.64 0.00	18.40 -0.71 0.00	20.68 -0.72 0.00	21.21 -0.67 -0.04	21.95 -0.46 0.00	17.09 -0.41 0.00	16.84 -0.45 0.00	15.25 -0.50 0.00	15.24 -0.43 0.00	15.24 -0.35 0.00	15.65 -0.44 0.00	17.91 -0.57 0.00	21.68 -0.91 0.00	25.12 -1.33 0.00	28.99 -1.46 0.00	24.43 -1.07 0.00	20.21 -1.22 0.00	19.09 -1.18 0.00	17.04 -1.11 0.00	15.48 -0.89 0.00
HUNTLEY___66 23560	16.81 -0.67 0.00	18.13 -0.62 0.00	17.81 -0.75 0.00	16.40 -0.74 0.00	14.90 -0.64 0.00	18.40 -0.71 0.00	20.68 -0.72 0.00	21.21 -0.67 -0.04	21.95 -0.46 0.00	17.09 -0.41 0.00	16.84 -0.45 0.00	15.25 -0.50 0.00	15.24 -0.43 0.00	15.24 -0.35 0.00	15.65 -0.44 0.00	17.91 -0.57 0.00	21.68 -0.91 0.00	25.12 -1.33 0.00	28.99 -1.46 0.00	24.43 -1.07 0.00	20.21 -1.22 0.00	19.09 -1.18 0.00	17.04 -1.11 0.00	15.48 -0.89 0.00

HUNTLEY___67 23561	16.71 -0.77 0.00	18.02 -0.73 0.00	17.70 -0.87 0.00	16.32 -0.84 0.00	14.81 -0.73 0.00	18.28 -0.83 0.00	20.55 -0.85 0.00	20.89 -0.78 0.18	21.82 -0.60 0.00	16.99 -0.51 0.00	16.76 -0.53 0.00	15.18 -0.57 0.00	15.17 -0.51 0.00	15.18 -0.41 0.00	15.58 -0.51 0.00	17.84 -0.64 0.00	21.59 -1.00 0.00	24.99 -1.46 0.00	28.82 -1.63 0.00	24.28 -1.23 0.00	20.08 -1.36 0.00	18.96 -1.30 0.00	16.94 -1.21 0.00	15.38 -0.99 0.00
HUNTLEY___68 23562	16.71 -0.77 0.00	18.02 -0.73 0.00	17.70 -0.87 0.00	16.32 -0.84 0.00	14.81 -0.73 0.00	18.28 -0.83 0.00	20.55 -0.85 0.00	20.89 -0.78 0.18	21.82 -0.60 0.00	16.99 -0.51 0.00	16.76 -0.53 0.00	15.18 -0.57 0.00	15.17 -0.51 0.00	15.18 -0.41 0.00	15.58 -0.51 0.00	17.84 -0.64 0.00	21.59 -1.00 0.00	24.99 -1.46 0.00	28.82 -1.63 0.00	24.28 -1.23 0.00	20.08 -1.36 0.00	18.96 -1.30 0.00	16.94 -1.21 0.00	15.38 -0.99 0.00
HYLAND___LFGE 323620	17.62 0.14 0.00	18.88 0.12 0.00	18.59 0.03 0.00	17.13 -0.02 0.00	15.50 -0.03 0.00	19.12 0.01 0.00	21.53 0.13 0.00	22.19 0.31 -0.03	22.89 0.49 0.00	17.50 0.00 0.00	16.99 -0.29 0.00	15.41 -0.33 0.00	15.34 -0.34 0.00	15.31 -0.28 0.00	15.77 -0.32 0.00	18.09 -0.39 0.00	22.07 -0.51 0.00	26.01 -0.44 0.00	30.81 0.36 0.00	25.93 0.43 0.00	21.43 0.00 0.00	20.17 -0.10 0.00	17.97 -0.19 0.00	16.19 -0.18 0.00
INDECK___CORINTH 23802	17.96 0.48 0.00	19.23 0.47 0.00	19.08 0.52 0.00	17.62 0.47 0.00	15.94 0.41 0.00	19.64 0.54 0.00	22.05 0.65 0.00	22.53 0.68 0.00	23.04 0.63 0.00	17.79 0.29 0.00	17.48 0.19 0.00	15.94 0.19 0.00	15.86 0.18 0.00	15.77 0.17 0.00	16.31 0.21 0.00	18.83 0.35 0.00	23.31 0.72 0.00	27.33 0.88 0.00	31.49 1.04 0.00	26.40 0.89 0.00	22.28 0.85 0.00	21.05 0.79 0.00	18.83 0.68 0.00	16.83 0.46 0.00
INDECK___ILION 23567	17.52 0.04 0.00	18.77 0.02 0.00	18.58 0.02 0.00	17.17 0.02 0.00	15.56 0.02 0.00	19.13 0.03 0.00	21.47 0.07 0.00	21.94 0.09 0.00	22.36 -0.05 0.00	17.33 -0.16 0.00	17.10 -0.19 0.00	15.59 -0.15 0.00	15.52 -0.16 0.00	15.44 -0.15 0.00	15.94 -0.15 0.00	18.36 -0.11 0.00	22.58 -0.01 0.00	26.58 0.13 0.00	30.64 0.19 0.00	25.66 0.16 0.00	21.60 0.16 0.00	20.43 0.17 0.00	18.31 0.15 0.00	16.45 0.08 0.00
INDECK___OLEAN 23982	17.22 -0.27 0.00	18.52 -0.23 0.00	18.22 -0.34 0.00	16.76 -0.39 0.00	15.25 -0.29 0.00	18.82 -0.28 0.00	21.20 -0.19 0.00	21.92 -0.02 -0.09	22.54 0.13 0.00	17.51 0.01 0.00	17.33 0.04 0.00	15.80 0.06 0.00	15.74 0.07 0.00	15.75 0.16 0.00	16.23 0.14 0.00	18.59 0.11 0.00	22.62 0.03 0.00	26.21 -0.24 0.00	30.33 -0.12 0.00	25.44 -0.07 0.00	21.00 -0.43 0.00	19.88 -0.39 0.00	17.78 -0.38 0.00	16.04 -0.33 0.00
INDECK___OSWEGO 23783	17.01 -0.47 0.00	18.26 -0.49 0.00	18.04 -0.52 0.00	16.67 -0.48 0.00	15.11 -0.42 0.00	18.60 -0.50 0.00	20.80 -0.60 0.00	21.18 -0.67 0.00	21.70 -0.71 0.00	16.95 -0.55 0.00	16.74 -0.55 0.00	15.24 -0.50 0.00	15.16 -0.51 0.00	15.08 -0.51 0.00	15.55 -0.54 0.00	17.87 -0.61 0.00	21.82 -0.76 0.00	25.59 -0.86 0.00	29.56 -0.89 0.00	24.75 -0.76 0.00	20.72 -0.71 0.00	19.58 -0.68 0.00	17.55 -0.60 0.00	15.84 -0.53 0.00
INDECK___YERKES 23781	16.83 -0.65 0.00	18.15 -0.61 0.00	17.82 -0.74 0.00	16.42 -0.73 0.00	14.91 -0.63 0.00	18.41 -0.70 0.00	20.70 -0.70 0.00	21.23 -0.66 -0.04	21.97 -0.44 0.00	17.11 -0.39 0.00	16.85 -0.44 0.00	15.25 -0.50 0.00	15.24 -0.44 0.00	15.23 -0.36 0.00	15.66 -0.43 0.00	17.93 -0.55 0.00	21.69 -0.89 0.00	25.14 -1.31 0.00	29.02 -1.43 0.00	24.45 -1.05 0.00	20.22 -1.22 0.00	19.09 -1.17 0.00	17.06 -1.10 0.00	15.49 -0.88 0.00
INDIAN POINT_GT_1 24139	18.14 0.66 0.00	19.43 0.67 0.00	19.23 0.67 0.00	17.74 0.59 0.00	16.06 0.53 0.00	19.76 0.66 0.00	22.19 0.79 0.00	22.76 0.91 0.00	23.31 0.89 0.00	18.22 0.72 0.00	18.04 0.75 0.00	16.49 0.75 0.00	16.44 0.77 0.00	16.34 0.75 0.00	16.91 0.82 0.00	19.45 0.98 0.00	23.70 1.12 0.00	27.77 1.32 0.00	31.92 1.47 0.00	26.74 1.23 0.00	22.55 1.11 0.00	21.31 1.05 0.00	19.14 0.99 0.00	17.23 0.86 0.00
INDIAN POINT_GT_2 23659	18.14 0.66 0.00	19.43 0.67 0.00	19.23 0.67 0.00	17.74 0.59 0.00	16.06 0.53 0.00	19.76 0.66 0.00	22.19 0.79 0.00	22.76 0.91 0.00	23.31 0.89 0.00	18.22 0.72 0.00	18.04 0.75 0.00	16.49 0.75 0.00	16.44 0.77 0.00	16.34 0.75 0.00	16.91 0.82 0.00	19.45 0.98 0.00	23.70 1.12 0.00	27.77 1.32 0.00	31.92 1.47 0.00	26.74 1.23 0.00	22.55 1.11 0.00	21.31 1.05 0.00	19.14 0.99 0.00	17.23 0.86 0.00
INDIAN POINT_GT_3 24019	18.14 0.66 0.00	19.43 0.67 0.00	19.23 0.67 0.00	17.74 0.59 0.00	16.06 0.53 0.00	19.76 0.66 0.00	22.19 0.79 0.00	22.76 0.91 0.00	23.31 0.89 0.00	18.22 0.72 0.00	18.04 0.75 0.00	16.49 0.75 0.00	16.44 0.77 0.00	16.34 0.75 0.00	16.91 0.82 0.00	19.45 0.98 0.00	23.70 1.12 0.00	27.77 1.32 0.00	31.92 1.47 0.00	26.74 1.23 0.00	22.55 1.11 0.00	21.31 1.05 0.00	19.14 0.99 0.00	17.23 0.86 0.00
INDIAN POINT___2 23530	18.09 0.61 0.00	19.39 0.63 0.00	19.19 0.63 0.00	17.70 0.55 0.00	16.03 0.49 0.00	19.73 0.62 0.00	22.15 0.75 0.00	22.73 0.87 0.00	23.27 0.86 0.00	18.19 0.69 0.00	18.01 0.71 0.00	16.46 0.72 0.00	16.41 0.74 0.00	16.32 0.73 0.00	16.89 0.79 0.00	19.42 0.94 0.00	23.67 1.08 0.00	27.73 1.28 0.00	31.88 1.43 0.00	26.70 1.19 0.00	22.51 1.07 0.00	21.28 1.02 0.00	19.11 0.96 0.00	17.20 0.83 0.00
INDIAN POINT___3 23531	18.18 0.70 0.00	19.47 0.71 0.00	19.27 0.71 0.00	17.78 0.63 0.00	16.10 0.56 0.00	19.80 0.69 0.00	22.22 0.82 0.00	22.79 0.93 0.00	23.34 0.92 0.00	18.25 0.75 0.00	18.07 0.78 0.00	16.52 0.78 0.00	16.46 0.79 0.00	16.37 0.77 0.00	16.94 0.85 0.00	19.48 1.01 0.00	23.73 1.14 0.00	27.79 1.34 0.00	31.93 1.48 0.00	26.76 1.26 0.00	22.57 1.14 0.00	21.35 1.08 0.00	19.17 1.01 0.00	17.25 0.88 0.00
INGHAM_C_115KV_TB7 356103	17.49 0.01 0.00	18.70 -0.06 0.00	18.51 -0.06 0.00	17.12 -0.04 0.00	15.50 -0.04 0.00	19.05 -0.06 0.00	21.43 0.03 0.00	21.93 0.08 0.00	22.16 -0.25 0.00	16.99 -0.50 0.00	16.71 -0.58 0.00	15.26 -0.49 0.00	15.19 -0.49 0.00	15.11 -0.47 0.00	15.62 -0.48 0.00	18.08 -0.40 0.00	22.40 -0.18 0.00	26.57 0.12 0.00	30.67 0.21 0.00	25.71 0.20 0.00	21.67 0.24 0.00	20.54 0.28 0.00	18.40 0.24 0.00	16.47 0.10 0.00
IP CORINTH___1 23988	18.06 0.57 0.00	19.33 0.57 0.00	19.17 0.62 0.00	17.71 0.56 0.00	16.03 0.49 0.00	19.75 0.65 0.00	22.16 0.76 0.00	22.65 0.80 0.00	23.16 0.75 0.00	17.88 0.38 0.00	17.58 0.29 0.00	16.02 0.28 0.00	15.94 0.26 0.00	15.84 0.26 0.00	16.40 0.30 0.00	18.92 0.45 0.00	23.42 0.84 0.00	27.47 1.02 0.00	31.66 1.21 0.00	26.53 1.02 0.00	22.39 0.95 0.00	21.17 0.90 0.00	18.93 0.77 0.00	16.91 0.54 0.00

IP__TICONDEROGA 23804	18.94 1.46 0.00	20.24 1.48 0.00	20.19 1.62 0.00	18.62 1.47 0.00	16.81 1.27 0.00	20.79 1.69 0.00	23.38 1.98 0.00	23.86 2.01 0.00	24.34 1.93 0.00	18.51 1.01 0.00	18.15 0.86 0.00	16.56 0.81 0.00	16.49 0.82 0.00	16.42 0.83 0.00	17.02 0.93 0.00	19.80 1.33 0.00	24.60 2.02 0.00	28.62 2.17 0.00	33.10 2.65 0.00	27.75 2.24 0.00	23.59 2.16 0.00	22.36 2.10 0.00	19.95 1.79 0.00	17.58 1.22 0.00
ISLIP_RES_REC 323679	18.71 1.23 0.00	19.99 1.23 0.00	19.74 1.18 0.00	18.18 1.03 0.00	16.45 0.92 0.00	20.22 1.11 0.00	22.55 1.15 0.00	23.13 1.27 0.00	23.43 1.02 0.00	18.37 0.87 0.00	18.38 1.09 0.00	16.75 1.00 0.00	16.68 1.00 0.00	16.59 1.00 0.00	17.25 1.16 0.00	19.84 1.36 0.00	23.83 1.25 0.00	27.27 1.42 0.60	32.02 1.58 0.01	26.92 1.41 0.00	22.80 1.37 0.00	21.52 1.25 0.00	19.54 1.39 0.00	17.61 1.24 0.00
JAMAICA__27_KV_LOAD 355505	18.30 0.82 0.00	19.64 0.89 0.00	19.48 0.92 0.00	17.96 0.81 0.00	16.25 0.71 0.00	19.97 0.87 0.00	22.45 1.05 0.00	23.01 1.16 0.00	23.54 1.13 0.00	18.40 0.90 0.00	18.22 0.93 0.00	16.69 0.94 0.00	16.64 0.96 0.00	16.51 0.92 0.00	17.10 1.00 0.00	19.69 1.21 0.00	23.95 1.36 0.00	28.47 1.60 -0.42	32.18 1.73 0.00	26.97 1.46 0.00	22.78 1.35 0.00	21.50 1.23 0.00	19.32 1.16 0.00	17.39 1.03 0.00
JANIS__SOLAR 323808	18.13 0.65 0.00	19.43 0.68 0.00	19.20 0.64 0.00	17.70 0.55 0.00	16.05 0.51 0.00	19.80 0.69 0.00	22.27 0.87 0.00	22.84 0.97 -0.01	23.31 0.90 0.00	17.86 0.36 0.00	17.49 0.20 0.00	15.88 0.14 0.00	15.77 0.09 0.00	15.68 0.09 0.00	16.16 0.07 0.00	18.60 0.13 0.00	23.04 0.46 0.00	27.43 0.98 0.00	31.96 1.51 0.00	26.78 1.28 0.00	22.31 0.87 0.00	21.03 0.77 0.00	18.76 0.60 0.00	16.86 0.49 0.00
JARVIS____ 23743	17.50 0.02 0.00	18.77 0.02 0.00	18.58 0.02 0.00	17.17 0.02 0.00	15.55 0.02 0.00	19.13 0.02 0.00	21.44 0.04 0.00	21.89 0.03 0.00	22.42 0.00 0.00	17.50 0.00 0.00	17.29 0.00 0.00	15.76 0.02 0.00	15.69 0.02 0.00	15.60 0.01 0.00	16.10 0.01 0.00	18.49 0.02 0.00	22.62 0.03 0.00	26.50 0.05 0.00	30.50 0.05 0.00	25.54 0.03 0.00	21.48 0.04 0.00	20.30 0.04 0.00	18.19 0.04 0.00	16.40 0.03 0.00
JENNISON__1 23625	18.21 0.73 0.00	19.51 0.75 0.00	19.27 0.71 0.00	17.73 0.58 0.00	16.08 0.54 0.00	19.81 0.70 0.00	22.30 0.90 0.00	22.90 1.04 -0.01	23.44 1.03 0.00	18.09 0.59 0.00	17.85 0.56 0.00	16.27 0.53 0.00	16.16 0.49 0.00	16.05 0.46 0.00	16.53 0.43 0.00	18.99 0.51 0.00	23.46 0.87 0.00	27.68 1.23 0.00	31.98 1.53 0.00	26.79 1.29 0.00	22.37 0.94 0.00	21.05 0.79 0.00	18.76 0.60 0.00	16.84 0.47 0.00
JENNISON__2 23626	18.21 0.73 0.00	19.51 0.75 0.00	19.27 0.71 0.00	17.73 0.58 0.00	16.08 0.54 0.00	19.81 0.70 0.00	22.30 0.90 0.00	22.90 1.04 -0.01	23.44 1.03 0.00	18.09 0.59 0.00	17.85 0.56 0.00	16.27 0.53 0.00	16.16 0.49 0.00	16.05 0.46 0.00	16.53 0.43 0.00	18.99 0.51 0.00	23.46 0.87 0.00	27.68 1.23 0.00	31.98 1.53 0.00	26.79 1.29 0.00	22.37 0.94 0.00	21.05 0.79 0.00	18.76 0.60 0.00	16.84 0.47 0.00
JERICHO_RISE_WT_PWR 323719	17.12 -0.36 0.00	18.35 -0.41 0.00	18.26 -0.30 0.00	16.90 -0.25 0.00	15.31 -0.23 0.00	18.73 -0.37 0.00	20.93 -0.48 0.00	21.44 -0.42 0.00	22.27 -0.14 0.00	17.49 -0.01 0.00	17.29 0.01 0.00	15.68 -0.06 0.00	15.55 -0.12 0.00	15.35 -0.23 0.00	15.80 -0.29 0.00	18.10 -0.38 0.00	22.19 -0.39 0.00	25.94 -0.51 0.00	29.83 -0.62 0.00	-6.52 -0.73 31.30	-24.10 -0.62 44.91	-24.00 -0.59 43.68	6.87 -0.59 10.69	2.77 -0.52 13.08
KATONAH__115KV_46KV_TB4 355592	18.27 0.79 0.00	19.56 0.80 0.00	19.35 0.79 0.00	17.86 0.71 0.00	16.17 0.63 0.00	19.89 0.78 0.00	22.33 0.93 0.00	22.90 1.05 0.00	23.46 1.05 0.00	18.35 0.85 0.00	18.16 0.87 0.00	16.58 0.84 0.00	16.53 0.85 0.00	16.44 0.85 0.00	17.01 0.91 0.00	19.57 1.09 0.00	23.84 1.26 0.00	27.93 1.48 0.00	32.11 1.66 0.00	26.91 1.41 0.00	22.69 1.26 0.00	21.45 1.18 0.00	19.24 1.09 0.00	17.32 0.95 0.00
KCE_NY_1 323755	18.16 0.68 0.00	19.46 0.70 0.00	19.27 0.71 0.00	17.82 0.67 0.00	16.13 0.59 0.00	19.85 0.75 0.00	22.28 0.88 0.00	22.76 0.91 0.00	23.27 0.86 0.00	18.03 0.53 0.00	17.75 0.46 0.00	16.17 0.43 0.00	16.09 0.41 0.00	16.00 0.41 0.00	16.55 0.45 0.00	19.05 0.58 0.00	23.52 0.93 0.00	27.63 1.17 0.00	31.80 1.35 0.00	26.65 1.14 0.00	22.46 1.02 0.00	21.23 0.97 0.00	19.01 0.86 0.00	17.05 0.68 0.00
KCE_NY_6_ESR 323823	16.91 -0.58 0.00	18.21 -0.54 0.00	17.88 -0.68 0.00	16.49 -0.66 0.00	14.96 -0.58 0.00	18.48 -0.63 0.00	20.78 -0.62 0.00	21.45 -0.53 -0.12	22.07 -0.34 0.00	17.18 -0.32 0.00	16.95 -0.34 0.00	15.34 -0.41 0.00	15.31 -0.36 0.00	15.31 -0.28 0.00	15.73 -0.36 0.00	18.02 -0.45 0.00	21.85 -0.74 0.00	25.33 -1.12 0.00	29.27 -1.18 0.00	24.60 -0.91 0.00	20.32 -1.12 0.00	19.19 -1.07 0.00	17.13 -1.03 0.00	15.54 -0.83 0.00
KEDC_PORT_JEFF_GT2 24210	18.65 1.17 0.00	19.92 1.17 0.00	19.68 1.12 0.00	18.13 0.98 0.00	16.40 0.86 0.00	20.16 1.05 0.00	22.48 1.08 0.00	23.04 1.19 0.00	23.35 0.94 0.00	18.32 0.82 0.00	18.33 1.04 0.00	16.72 0.97 0.00	16.65 0.97 0.00	16.56 0.97 0.00	17.21 1.12 0.00	19.78 1.31 0.00	23.75 1.17 0.00	27.15 1.30 0.61	31.72 1.28 0.01	26.80 1.30 0.00	22.70 1.27 0.00	21.43 1.17 0.00	19.47 1.32 0.00	17.56 1.19 0.00
KEDC_PORT_JEFF_GT3 24211	18.65 1.17 0.00	19.92 1.17 0.00	19.68 1.12 0.00	18.13 0.98 0.00	16.40 0.86 0.00	20.16 1.05 0.00	22.48 1.08 0.00	23.04 1.19 0.00	23.35 0.94 0.00	18.32 0.82 0.00	18.33 1.04 0.00	16.72 0.97 0.00	16.65 0.97 0.00	16.56 0.97 0.00	17.21 1.12 0.00	19.78 1.31 0.00	23.75 1.17 0.00	27.15 1.30 0.61	31.72 1.28 0.01	26.80 1.30 0.00	22.70 1.27 0.00	21.43 1.17 0.00	19.47 1.32 0.00	17.56 1.19 0.00
KEDC_GLWD_GT4 24219	18.44 0.96 0.00	19.72 0.96 0.00	19.48 0.92 0.00	17.96 0.81 0.00	16.26 0.72 0.00	19.99 0.89 0.00	22.37 0.97 0.00	22.93 1.08 0.00	23.38 0.97 0.00	18.33 0.83 0.00	18.25 0.96 0.00	16.67 0.93 0.00	16.62 0.94 0.00	16.53 0.94 0.00	17.14 1.05 0.00	19.71 1.24 0.00	23.86 1.27 0.00	27.86 1.42 0.00	32.05 1.60 0.00	26.86 1.35 0.00	22.71 1.28 0.00	21.47 1.21 0.00	19.38 1.22 0.00	17.45 1.08 0.00
KEDC_GLWD_GT5 24220	18.44 0.96 0.00	19.72 0.96 0.00	19.48 0.92 0.00	17.96 0.81 0.00	16.26 0.72 0.00	19.99 0.89 0.00	22.37 0.97 0.00	22.93 1.08 0.00	23.38 0.97 0.00	18.33 0.83 0.00	18.25 0.96 0.00	16.67 0.93 0.00	16.62 0.94 0.00	16.53 0.94 0.00	17.14 1.05 0.00	19.71 1.24 0.00	23.86 1.27 0.00	27.86 1.42 0.00	32.05 1.60 0.00	26.86 1.35 0.00	22.71 1.28 0.00	21.47 1.21 0.00	19.38 1.22 0.00	17.45 1.08 0.00

KENSICO____ 23655	18.21 0.72 0.00	19.50 0.74 0.00	19.29 0.73 0.00	17.80 0.65 0.00	16.11 0.58 0.00	19.82 0.71 0.00	22.24 0.85 0.00	22.82 0.96 0.00	23.37 0.96 0.00	18.27 0.77 0.00	18.10 0.81 0.00	16.54 0.80 0.00	16.49 0.82 0.00	16.39 0.80 0.00	16.97 0.87 0.00	19.52 1.04 0.00	23.77 1.18 0.00	27.83 1.38 0.00	31.99 1.54 0.00	26.80 1.30 0.00	22.61 1.17 0.00	21.37 1.11 0.00	19.19 1.04 0.00	17.28 0.91 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	18.32 0.84 0.00	19.64 0.88 0.00	19.43 0.87 0.00	17.94 0.79 0.00	16.25 0.71 0.00	19.99 0.88 0.00	22.47 1.07 0.00	23.05 1.20 0.00	23.62 1.21 0.00	18.40 0.90 0.00	18.16 0.87 0.00	16.56 0.82 0.00	16.48 0.81 0.00	16.38 0.79 0.00	16.95 0.85 0.00	19.52 1.04 0.00	23.87 1.28 0.00	28.06 1.61 0.00	32.35 1.90 0.00	27.12 1.61 0.00	22.82 1.39 0.00	21.56 1.30 0.00	19.33 1.17 0.00	17.38 1.02 0.00
KIAC_JFK_GT1 23816	18.21 0.73 0.00	19.54 0.78 0.00	19.38 0.82 0.00	17.86 0.71 0.00	16.16 0.62 0.00	19.87 0.76 0.00	22.32 0.92 0.00	22.88 1.02 0.00	23.40 0.99 0.00	18.30 0.80 0.00	18.13 0.84 0.00	16.60 0.86 0.00	16.55 0.88 0.00	16.43 0.84 0.00	17.00 0.91 0.00	19.58 1.11 0.00	23.81 1.22 0.00	28.29 1.42 -0.42	31.97 1.52 0.00	26.79 1.28 0.00	22.63 1.20 0.00	21.37 1.11 0.00	19.20 1.05 0.00	17.29 0.92 0.00
KIAC_JFK_GT2 23817	18.21 0.73 0.00	19.54 0.78 0.00	19.38 0.82 0.00	17.86 0.71 0.00	16.16 0.62 0.00	19.87 0.76 0.00	22.32 0.92 0.00	22.88 1.02 0.00	23.40 0.99 0.00	18.30 0.80 0.00	18.13 0.84 0.00	16.60 0.86 0.00	16.55 0.88 0.00	16.43 0.84 0.00	17.00 0.91 0.00	19.58 1.11 0.00	23.81 1.22 0.00	28.29 1.42 -0.42	31.97 1.52 0.00	26.79 1.28 0.00	22.63 1.20 0.00	21.37 1.11 0.00	19.20 1.05 0.00	17.29 0.92 0.00
KIAC_JFK____ 323774	18.21 0.73 0.00	19.54 0.78 0.00	19.38 0.82 0.00	17.86 0.71 0.00	16.16 0.62 0.00	19.87 0.76 0.00	22.32 0.92 0.00	22.88 1.02 0.00	23.40 0.99 0.00	18.30 0.80 0.00	18.13 0.84 0.00	16.60 0.86 0.00	16.55 0.88 0.00	16.43 0.84 0.00	17.00 0.91 0.00	19.58 1.11 0.00	23.81 1.22 0.00	28.29 1.42 -0.42	31.97 1.52 0.00	26.79 1.28 0.00	22.64 1.20 0.00	21.37 1.11 0.00	19.20 1.05 0.00	17.29 0.92 0.00
KINTIGH____ 23543	16.72 -0.76 0.00	18.03 -0.73 0.00	17.72 -0.84 0.00	16.34 -0.80 0.00	14.83 -0.70 0.00	18.30 -0.80 0.00	20.56 -0.84 0.00	21.03 -0.79 0.03	21.76 -0.65 0.00	16.95 -0.55 0.00	16.71 -0.58 0.00	15.15 -0.59 0.00	15.14 -0.53 0.00	15.14 -0.45 0.00	15.56 -0.53 0.00	17.82 -0.65 0.00	21.61 -0.98 0.00	25.06 -1.39 0.00	28.91 -1.54 0.00	24.35 -1.15 0.00	20.19 -1.24 0.00	19.06 -1.20 0.00	17.05 -1.11 0.00	15.46 -0.91 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	17.48 -0.01 0.00	18.69 -0.06 0.00	18.63 0.07 0.00	17.26 0.10 0.00	15.55 0.02 0.00	18.96 -0.14 0.00	21.17 -0.23 0.00	21.67 -0.18 0.00	22.49 0.08 0.00	17.65 0.15 0.00	17.58 0.29 0.00	15.98 0.24 0.00	15.80 0.13 0.00	15.62 0.03 0.00	16.10 0.01 0.00	18.46 -0.01 0.00	22.69 0.11 0.00	26.41 -0.04 0.00	30.56 0.11 0.00	-4.52 -0.10 29.93	-21.55 -0.03 42.95	-21.59 -0.07 41.77	7.76 -0.17 10.22	3.65 -0.21 12.51
LACHUTE__HYDRO 323717	18.94 1.46 0.00	20.24 1.48 0.00	20.19 1.63 0.00	18.62 1.47 0.00	16.81 1.27 0.00	20.79 1.69 0.00	23.38 1.98 0.00	23.86 2.01 0.00	24.34 1.93 0.00	18.51 1.01 0.00	18.15 0.86 0.00	16.56 0.82 0.00	16.49 0.82 0.00	16.43 0.84 0.00	17.02 0.93 0.00	19.80 1.33 0.00	24.60 2.02 0.00	28.62 2.17 0.00	33.10 2.65 0.00	27.75 2.24 0.00	23.59 2.16 0.00	22.36 2.10 0.00	19.95 1.79 0.00	17.58 1.22 0.00
LAWRNCV_115KV_TB1 80681	17.63 0.15 0.00	18.91 0.16 0.00	18.73 0.17 0.00	17.29 0.14 0.00	15.68 0.14 0.00	19.28 0.18 0.00	21.59 0.19 0.00	22.09 0.24 0.00	22.81 0.40 0.00	17.80 0.29 0.00	17.50 0.21 0.00	15.84 0.09 0.00	15.74 0.06 0.00	15.59 0.01 0.00	16.09 0.00 0.00	18.46 -0.01 0.00	22.62 0.03 0.00	26.61 0.15 0.00	30.74 0.30 0.00	29.30 0.16 -3.63	26.74 0.10 -5.21	25.37 0.04 -5.07	19.33 -0.07 -1.24	17.83 -0.05 -1.52
LEDERLE____ 23769	18.10 0.62 0.00	19.41 0.65 0.00	19.21 0.65 0.00	17.71 0.56 0.00	16.05 0.51 0.00	19.76 0.65 0.00	22.21 0.81 0.00	22.79 0.94 0.00	23.33 0.92 0.00	18.23 0.73 0.00	18.04 0.75 0.00	16.50 0.76 0.00	16.46 0.78 0.00	16.36 0.77 0.00	16.93 0.84 0.00	19.47 0.99 0.00	23.76 1.17 0.00	27.84 1.39 0.00	32.03 1.58 0.00	26.81 1.30 0.00	22.58 1.15 0.00	21.35 1.08 0.00	19.17 1.01 0.00	17.25 0.88 0.00
LIGHTRSE_115KV_TB6 355974	17.15 -0.33 0.00	18.41 -0.35 0.00	18.19 -0.38 0.00	16.78 -0.37 0.00	15.27 -0.27 0.00	18.83 -0.27 0.00	21.02 -0.37 0.00	21.37 -0.49 0.00	21.92 -0.49 0.00	17.10 -0.40 0.00	16.84 -0.46 0.00	15.30 -0.44 0.00	15.20 -0.47 0.00	15.04 -0.55 0.00	15.49 -0.61 0.00	17.80 -0.68 0.00	21.88 -0.71 0.00	25.81 -0.64 0.00	30.02 -0.43 0.00	25.01 -0.50 0.00	20.88 -0.55 0.00	19.72 -0.54 0.00	17.61 -0.54 0.00	15.87 -0.50 0.00
LINDEN COGEN____ 23786	18.20 0.72 0.00	19.50 0.74 0.00	19.29 0.73 0.00	17.77 0.62 0.00	16.10 0.56 0.00	19.81 0.70 0.00	22.23 0.83 0.00	22.83 0.98 0.00	23.39 0.98 0.00	18.30 0.80 0.00	18.12 0.83 0.00	16.59 0.85 0.00	16.54 0.87 0.00	16.43 0.84 0.00	17.00 0.91 0.00	19.56 1.08 0.00	23.80 1.21 0.00	27.87 1.42 0.00	32.02 1.57 0.00	26.83 1.32 0.00	22.63 1.20 0.00	21.40 1.14 0.00	19.22 1.07 0.00	17.31 0.94 0.00
LINDHRST_69_KV_BK1 356055	18.66 1.18 0.00	19.93 1.18 0.00	19.70 1.13 0.00	18.13 0.98 0.00	16.42 0.88 0.00	20.18 1.08 0.00	22.53 1.13 0.00	23.09 1.23 0.00	23.46 1.05 0.00	18.41 0.91 0.00	18.39 1.10 0.00	16.77 1.03 0.00	16.71 1.04 0.00	16.62 1.04 0.00	17.26 1.17 0.00	19.82 1.35 0.00	23.86 1.28 0.00	27.40 1.45 0.50	32.10 1.66 0.01	26.92 1.42 0.00	22.81 1.38 0.00	21.57 1.31 0.00	19.55 1.40 0.00	17.62 1.25 0.00
LIPA_MISC_IPP 23656	18.64 1.15 0.00	19.91 1.15 0.00	19.66 1.10 0.00	18.11 0.96 0.00	16.38 0.85 0.00	20.14 1.03 0.00	22.46 1.06 0.00	23.02 1.17 0.00	23.31 0.90 0.00	18.28 0.78 0.00	18.28 0.99 0.00	16.66 0.92 0.00	16.59 0.91 0.00	16.50 0.91 0.00	17.14 1.05 0.00	19.72 1.25 0.00	23.65 1.06 0.00	27.04 1.20 0.61	31.79 1.34 0.01	26.69 1.19 0.00	22.61 1.18 0.00	21.35 1.09 0.00	19.41 1.25 0.00	17.49 1.13 0.00
LISF__SOLAR 323691	18.67 1.19 0.00	19.94 1.18 0.00	19.70 1.14 0.00	18.14 0.99 0.00	16.41 0.88 0.00	20.17 1.07 0.00	22.50 1.10 0.00	23.07 1.21 0.00	23.35 0.94 0.00	18.30 0.80 0.00	18.29 1.00 0.00	16.67 0.93 0.00	16.59 0.92 0.00	16.51 0.92 0.00	17.15 1.06 0.00	19.74 1.27 0.00	23.68 1.09 0.00	27.09 1.25 0.61	31.86 1.42 0.01	26.75 1.25 0.00	22.66 1.23 0.00	21.40 1.13 0.00	19.45 1.29 0.00	17.53 1.16 0.00

LITTLE FALLS___HYD 24013	17.49 0.01 0.00	18.70 -0.06 0.00	18.51 -0.06 0.00	17.12 -0.04 0.00	15.50 -0.04 0.00	19.05 -0.06 0.00	21.43 0.03 0.00	21.93 0.08 0.00	22.16 -0.25 0.00	16.99 -0.50 0.00	16.71 -0.58 0.00	15.26 -0.49 0.00	15.19 -0.49 0.00	15.11 -0.47 0.00	15.62 -0.48 0.00	18.08 -0.40 0.00	22.40 -0.18 0.00	26.57 0.12 0.00	30.67 0.21 0.00	25.71 0.20 0.00	21.67 0.24 0.00	20.54 0.28 0.00	18.40 0.24 0.00	16.47 0.10 0.00
LITTLRIV_115KV_TB1 356100	17.86 0.37 0.00	19.14 0.39 0.00	18.96 0.40 0.00	17.49 0.34 0.00	15.87 0.33 0.00	19.53 0.41 0.00	21.86 0.46 0.00	22.39 0.54 0.00	23.12 0.71 0.00	17.95 0.45 0.00	17.59 0.30 0.00	15.92 0.18 0.00	15.82 0.14 0.00	15.67 0.08 0.00	16.18 0.08 0.00	18.57 0.09 0.00	22.78 0.20 0.00	26.92 0.46 0.00	31.21 0.76 0.00	30.08 0.57 -4.00	27.60 0.43 -5.74	26.19 0.34 -5.59	19.70 0.18 -1.37	18.20 0.16 -1.67
LI_NEWBRDGE___DRP 323616	18.32 0.84 0.00	19.59 0.83 0.00	19.36 0.80 0.00	17.85 0.70 0.00	16.16 0.62 0.00	19.87 0.76 0.00	22.23 0.83 0.00	22.78 0.93 0.00	23.22 0.82 0.00	18.20 0.71 0.00	18.13 0.84 0.00	16.56 0.81 0.00	16.50 0.83 0.00	16.41 0.82 0.00	17.01 0.92 0.00	19.56 1.08 0.00	23.65 1.07 0.00	26.82 1.21 0.85	31.79 1.34 0.01	26.65 1.14 0.00	22.53 1.10 0.00	21.31 1.05 0.00	19.24 1.08 0.00	17.33 0.97 0.00
LOCKPORT_115KV_TB60_63_64 80432	16.71 -0.77 0.00	18.03 -0.73 0.00	17.70 -0.86 0.00	16.32 -0.83 0.00	14.81 -0.73 0.00	18.29 -0.82 0.00	20.56 -0.84 0.00	21.06 -0.81 -0.01	21.81 -0.60 0.00	16.98 -0.52 0.00	16.71 -0.58 0.00	15.12 -0.62 0.00	15.11 -0.56 0.00	15.10 -0.49 0.00	15.51 -0.58 0.00	17.75 -0.72 0.00	21.50 -1.09 0.00	24.94 -1.51 0.00	28.80 -1.65 0.00	24.30 -1.21 0.00	20.10 -1.33 0.00	18.98 -1.28 0.00	16.96 -1.20 0.00	15.39 -0.98 0.00
LOCKPORT___CC1 323769	16.70 -0.78 0.00	18.01 -0.74 0.00	17.68 -0.88 0.00	16.30 -0.85 0.00	14.80 -0.74 0.00	18.28 -0.83 0.00	20.55 -0.85 0.00	21.05 -0.82 -0.01	21.80 -0.61 0.00	16.97 -0.53 0.00	16.70 -0.59 0.00	15.10 -0.64 0.00	15.09 -0.58 0.00	15.09 -0.50 0.00	15.51 -0.58 0.00	17.75 -0.72 0.00	21.49 -1.09 0.00	24.92 -1.53 0.00	28.76 -1.69 0.00	24.27 -1.25 0.00	20.07 -1.37 0.00	18.94 -1.32 0.00	16.93 -1.22 0.00	15.38 -0.99 0.00
LOCKPORT___CC2 323770	16.70 -0.78 0.00	18.01 -0.74 0.00	17.68 -0.88 0.00	16.30 -0.85 0.00	14.80 -0.74 0.00	18.28 -0.83 0.00	20.55 -0.85 0.00	21.05 -0.82 -0.01	21.80 -0.61 0.00	16.97 -0.53 0.00	16.70 -0.59 0.00	15.10 -0.64 0.00	15.09 -0.58 0.00	15.09 -0.50 0.00	15.51 -0.58 0.00	17.75 -0.72 0.00	21.49 -1.09 0.00	24.92 -1.53 0.00	28.76 -1.69 0.00	24.27 -1.25 0.00	20.07 -1.37 0.00	18.94 -1.32 0.00	16.93 -1.22 0.00	15.38 -0.99 0.00
LOCKPORT___CC3 323771	16.70 -0.78 0.00	18.01 -0.74 0.00	17.68 -0.88 0.00	16.30 -0.85 0.00	14.80 -0.74 0.00	18.28 -0.83 0.00	20.55 -0.85 0.00	21.05 -0.82 -0.01	21.80 -0.61 0.00	16.97 -0.53 0.00	16.70 -0.59 0.00	15.10 -0.64 0.00	15.09 -0.58 0.00	15.09 -0.50 0.00	15.51 -0.58 0.00	17.75 -0.72 0.00	21.49 -1.09 0.00	24.92 -1.53 0.00	28.76 -1.69 0.00	24.27 -1.25 0.00	20.07 -1.37 0.00	18.94 -1.32 0.00	16.93 -1.22 0.00	15.38 -0.99 0.00
LONG_LAKE_PHOENIX 24014	17.10 -0.38 0.00	18.36 -0.40 0.00	18.14 -0.42 0.00	16.76 -0.39 0.00	15.19 -0.35 0.00	18.69 -0.41 0.00	20.91 -0.49 0.00	21.32 -0.54 0.00	21.83 -0.58 0.00	17.03 -0.47 0.00	16.81 -0.48 0.00	15.30 -0.44 0.00	15.24 -0.44 0.00	15.16 -0.43 0.00	15.63 -0.46 0.00	17.96 -0.52 0.00	21.94 -0.65 0.00	25.75 -0.70 0.00	29.74 -0.72 0.00	24.92 -0.59 0.00	20.87 -0.57 0.00	19.71 -0.55 0.00	17.67 -0.49 0.00	15.94 -0.43 0.00
LOVETT___3 23632	18.01 0.53 0.00	19.31 0.56 0.00	19.12 0.56 0.00	17.63 0.48 0.00	15.98 0.44 0.00	19.67 0.56 0.00	22.10 0.70 0.00	22.68 0.82 0.00	23.21 0.80 0.00	18.14 0.64 0.00	17.95 0.66 0.00	16.42 0.68 0.00	16.37 0.70 0.00	16.28 0.69 0.00	16.84 0.75 0.00	19.36 0.89 0.00	23.62 1.03 0.00	27.68 1.22 0.00	31.82 1.37 0.00	26.65 1.14 0.00	22.45 1.02 0.00	21.23 0.97 0.00	19.07 0.91 0.00	17.16 0.79 0.00
LOVETT___4 23642	18.01 0.53 0.00	19.31 0.56 0.00	19.12 0.56 0.00	17.63 0.48 0.00	15.98 0.44 0.00	19.67 0.56 0.00	22.10 0.70 0.00	22.68 0.82 0.00	23.21 0.80 0.00	18.14 0.64 0.00	17.95 0.66 0.00	16.42 0.68 0.00	16.37 0.70 0.00	16.28 0.69 0.00	16.84 0.75 0.00	19.36 0.89 0.00	23.62 1.03 0.00	27.68 1.22 0.00	31.82 1.37 0.00	26.65 1.14 0.00	22.45 1.02 0.00	21.23 0.97 0.00	19.07 0.91 0.00	17.16 0.79 0.00
LOVETT___5 23593	18.01 0.53 0.00	19.31 0.56 0.00	19.12 0.56 0.00	17.63 0.48 0.00	15.98 0.44 0.00	19.67 0.56 0.00	22.10 0.70 0.00	22.68 0.82 0.00	23.21 0.80 0.00	18.14 0.64 0.00	17.95 0.66 0.00	16.42 0.68 0.00	16.37 0.70 0.00	16.28 0.69 0.00	16.84 0.75 0.00	19.36 0.89 0.00	23.62 1.03 0.00	27.68 1.22 0.00	31.82 1.37 0.00	26.65 1.14 0.00	22.45 1.02 0.00	21.23 0.97 0.00	19.07 0.91 0.00	17.16 0.79 0.00
LOWER RAQUET___HYD 24057	17.64 0.16 0.00	18.91 0.16 0.00	18.73 0.17 0.00	17.29 0.14 0.00	15.69 0.15 0.00	19.30 0.19 0.00	21.59 0.19 0.00	22.10 0.25 0.00	22.83 0.42 0.00	17.80 0.30 0.00	17.49 0.20 0.00	15.83 0.09 0.00	15.73 0.05 0.00	15.58 -0.01 0.00	16.07 -0.02 0.00	18.44 -0.04 0.00	22.61 0.02 0.00	26.62 0.16 0.00	30.79 0.34 0.00	30.04 0.18 -4.35	27.78 0.10 -6.24	26.37 0.04 -6.07	19.56 -0.08 -1.49	18.13 -0.06 -1.82
LOWER___HUDSON 24059	17.94 0.46 0.00	19.22 0.46 0.00	19.04 0.48 0.00	17.61 0.46 0.00	15.94 0.40 0.00	19.62 0.51 0.00	22.00 0.60 0.00	22.48 0.62 0.00	22.99 0.58 0.00	17.90 0.40 0.00	17.65 0.35 0.00	16.07 0.33 0.00	16.00 0.32 0.00	15.92 0.33 0.00	16.46 0.36 0.00	18.92 0.44 0.00	23.25 0.66 0.00	27.21 0.76 0.00	31.29 0.83 0.00	26.23 0.72 0.00	22.13 0.70 0.00	20.96 0.70 0.00	18.80 0.64 0.00	16.87 0.51 0.00
LOWVILLE_115KV_TB2 356335	17.43 -0.05 0.00	18.74 -0.02 0.00	18.54 -0.02 0.00	17.03 -0.12 0.00	15.58 0.04 0.00	19.31 0.20 0.00	21.57 0.17 0.00	21.91 0.06 0.00	22.51 0.10 0.00	17.51 0.01 0.00	17.19 -0.10 0.00	15.61 -0.13 0.00	15.46 -0.22 0.00	15.17 -0.42 0.00	15.60 -0.49 0.00	17.92 -0.55 0.00	22.22 -0.37 0.00	26.51 0.06 0.00	31.07 0.62 0.00	26.87 0.13 -1.24	23.05 -0.16 -1.78	21.57 -0.42 -1.73	18.07 -0.50 -0.42	16.39 -0.49 -0.52
LUTHERFT_115KV_GLOB_FND_222 355753	18.14 0.66 0.00	19.44 0.69 0.00	19.26 0.70 0.00	17.81 0.66 0.00	16.12 0.58 0.00	19.85 0.74 0.00	22.26 0.86 0.00	22.75 0.89 0.00	23.26 0.85 0.00	18.02 0.52 0.00	17.74 0.45 0.00	16.16 0.42 0.00	16.08 0.41 0.00	16.00 0.41 0.00	16.54 0.45 0.00	19.05 0.57 0.00	23.51 0.92 0.00	27.60 1.15 0.00	31.77 1.32 0.00	26.63 1.12 0.00	22.44 1.00 0.00	21.22 0.96 0.00	19.00 0.84 0.00	17.04 0.67 0.00

LUTHERNY_35_KV_BK2 355980	18.16 0.68 0.00	19.46 0.70 0.00	19.27 0.71 0.00	17.82 0.67 0.00	16.13 0.59 0.00	19.86 0.75 0.00	22.28 0.88 0.00	22.76 0.91 0.00	23.27 0.86 0.00	18.03 0.53 0.00	17.75 0.46 0.00	16.17 0.43 0.00	16.08 0.41 0.00	16.00 0.41 0.00	16.55 0.45 0.00	19.05 0.58 0.00	23.52 0.93 0.00	27.63 1.18 0.00	31.80 1.35 0.00	26.65 1.14 0.00	22.46 1.02 0.00	21.23 0.97 0.00	19.01 0.86 0.00	17.05 0.68 0.00
LWR___OSWEGATCHIE_HYD 23850	17.53 0.04 0.00	18.81 0.06 0.00	18.62 0.05 0.00	17.15 0.00 0.00	15.63 0.09 0.00	19.30 0.19 0.00	21.58 0.18 0.00	22.00 0.15 0.00	22.66 0.25 0.00	17.62 0.12 0.00	17.30 0.01 0.00	15.67 -0.07 0.00	15.54 -0.13 0.00	15.32 -0.26 0.00	15.77 -0.32 0.00	18.12 -0.36 0.00	22.35 -0.23 0.00	26.52 0.07 0.00	30.90 0.45 0.00	28.60 0.14 -2.95	25.63 -0.03 -4.23	24.21 -0.17 -4.12	18.89 -0.28 -1.01	17.33 -0.27 -1.23
LYONS_FALL_HYD 23570	17.56 0.07 0.00	18.87 0.11 0.00	18.66 0.10 0.00	17.19 0.04 0.00	15.67 0.13 0.00	19.37 0.26 0.00	21.67 0.28 0.00	22.07 0.21 0.00	22.64 0.23 0.00	17.61 0.11 0.00	17.31 0.02 0.00	15.72 -0.02 0.00	15.61 -0.06 0.00	15.39 -0.20 0.00	15.85 -0.24 0.00	18.21 -0.27 0.00	22.50 -0.09 0.00	26.69 0.25 0.00	31.11 0.66 0.00	26.63 0.30 -0.82	22.69 0.08 -1.17	21.30 -0.11 -1.14	18.25 -0.18 -0.28	16.51 -0.20 -0.34
MADISON___COUNTY_LFGE 323628	17.75 0.27 0.00	19.04 0.28 0.00	18.84 0.28 0.00	17.39 0.24 0.00	15.78 0.25 0.00	19.47 0.36 0.00	21.85 0.45 0.00	22.32 0.46 0.00	22.83 0.42 0.00	17.70 0.20 0.00	17.41 0.12 0.00	15.83 0.09 0.00	15.76 0.08 0.00	15.65 0.06 0.00	16.16 0.06 0.00	18.55 0.07 0.00	22.83 0.24 0.00	26.94 0.48 0.00	31.21 0.76 0.00	26.09 0.58 0.00	21.83 0.40 0.00	20.59 0.32 0.00	18.40 0.24 0.00	16.57 0.20 0.00
MALONE___115KV_TB1 356076	17.40 -0.08 0.00	18.65 -0.11 0.00	18.53 -0.03 0.00	17.14 -0.01 0.00	15.53 0.00 0.00	19.05 -0.05 0.00	21.30 -0.10 0.00	21.84 -0.01 0.00	22.68 0.27 0.00	17.77 0.27 0.00	17.52 0.23 0.00	15.86 0.11 0.00	15.73 0.06 0.00	15.54 -0.05 0.00	15.99 -0.10 0.00	18.33 -0.15 0.00	22.49 -0.09 0.00	26.37 -0.08 0.00	30.40 -0.05 0.00	44.16 -0.21 -18.86	48.28 -0.22 -27.06	46.35 -0.23 -26.32	24.29 -0.30 -6.44	23.96 -0.29 -7.88
MAPLEWOD_115KV_TB3 80458	17.88 0.40 0.00	19.15 0.39 0.00	18.95 0.39 0.00	17.53 0.38 0.00	15.87 0.33 0.00	19.53 0.42 0.00	21.90 0.50 0.00	22.38 0.53 0.00	22.90 0.49 0.00	17.85 0.35 0.00	17.60 0.31 0.00	16.04 0.31 0.00	15.97 0.30 0.00	15.89 0.30 0.00	16.43 0.33 0.00	18.89 0.42 0.00	23.17 0.59 0.00	27.18 0.73 0.00	31.25 0.80 0.00	26.20 0.69 0.00	22.09 0.66 0.00	20.90 0.64 0.00	18.73 0.58 0.00	16.83 0.46 0.00
MAPLE_RIDGE_WT_1 323574	17.10 -0.38 0.00	18.37 -0.38 0.00	18.23 -0.33 0.00	16.80 -0.36 0.00	15.23 -0.31 0.00	18.83 -0.27 0.00	21.01 -0.39 0.00	21.41 -0.44 0.00	22.12 -0.29 0.00	17.38 -0.12 0.00	17.14 -0.15 0.00	15.59 -0.16 0.00	15.48 -0.19 0.00	15.29 -0.30 0.00	15.80 -0.29 0.00	18.14 -0.34 0.00	22.17 -0.42 0.00	25.99 -0.46 0.00	29.85 -0.60 0.00	24.77 -0.74 0.00	20.66 -0.78 0.00	19.43 -0.83 0.00	17.39 -0.76 0.00	15.71 -0.66 0.00
MAPLE_RIDGE_WT_2 323611	17.10 -0.38 0.00	18.37 -0.38 0.00	18.23 -0.33 0.00	16.80 -0.36 0.00	15.23 -0.31 0.00	18.83 -0.27 0.00	21.01 -0.39 0.00	21.41 -0.44 0.00	22.12 -0.29 0.00	17.38 -0.12 0.00	17.14 -0.15 0.00	15.59 -0.16 0.00	15.48 -0.19 0.00	15.29 -0.30 0.00	15.80 -0.29 0.00	18.14 -0.34 0.00	22.17 -0.42 0.00	25.99 -0.46 0.00	29.85 -0.60 0.00	24.77 -0.74 0.00	20.66 -0.78 0.00	19.43 -0.83 0.00	17.39 -0.76 0.00	15.71 -0.66 0.00
MARBLE_RIVER_WT_PWR 323696	17.16 -0.32 0.00	18.39 -0.36 0.00	18.33 -0.23 0.00	16.97 -0.17 0.00	15.36 -0.18 0.00	18.76 -0.35 0.00	20.95 -0.45 0.00	21.45 -0.40 0.00	22.28 -0.13 0.00	17.50 0.00 0.00	17.34 0.05 0.00	15.74 -0.01 0.00	15.59 -0.08 0.00	15.40 -0.19 0.00	15.86 -0.23 0.00	18.17 -0.30 0.00	22.30 -0.29 0.00	26.01 -0.44 0.00	29.97 -0.49 0.00	-4.35 -0.64 29.22	-21.00 -0.50 41.93	-21.00 -0.48 40.78	7.65 -0.52 9.98	3.68 -0.48 12.21
MARSHVLE_115KV_TB1 80742	18.46 0.98 0.00	19.84 1.08 0.00	19.62 1.06 0.00	18.12 0.96 0.00	16.42 0.88 0.00	20.22 1.11 0.00	22.66 1.26 0.00	23.11 1.26 0.00	23.53 1.12 0.00	18.08 0.58 0.00	17.78 0.49 0.00	16.18 0.44 0.00	16.16 0.48 0.00	16.11 0.52 0.00	16.66 0.57 0.00	19.11 0.63 0.00	23.50 0.92 0.00	27.89 1.44 0.00	32.29 1.84 0.00	27.05 1.54 0.00	22.65 1.22 0.00	21.38 1.12 0.00	19.09 0.93 0.00	17.22 0.86 0.00
MARSH_HILL_WT_PWR 323713	16.90 -0.58 0.00	18.02 -0.73 0.00	17.77 -0.79 0.00	16.38 -0.77 0.00	14.73 -0.80 0.00	18.05 -1.06 0.00	20.24 -1.16 0.00	20.91 -0.99 -0.05	21.76 -0.65 0.00	17.07 -0.43 0.00	16.91 -0.38 0.00	15.33 -0.41 0.00	15.19 -0.48 0.00	15.17 -0.42 0.00	15.61 -0.48 0.00	17.94 -0.53 0.00	21.89 -0.69 0.00	25.58 -0.87 0.00	29.37 -1.09 0.00	24.36 -1.15 0.00	20.00 -1.44 0.00	18.88 -1.38 0.00	16.85 -1.30 0.00	15.19 -1.18 0.00
MCINTYRE_115KV_TB2 80467	17.96 0.48 0.00	19.25 0.49 0.00	19.06 0.50 0.00	17.58 0.43 0.00	15.95 0.41 0.00	19.62 0.51 0.00	21.98 0.58 0.00	22.52 0.67 0.00	23.24 0.83 0.00	18.00 0.50 0.00	17.61 0.32 0.00	15.94 0.19 0.00	15.84 0.16 0.00	15.71 0.11 0.00	16.22 0.12 0.00	18.61 0.13 0.00	22.81 0.23 0.00	26.99 0.55 0.00	31.38 0.93 0.00	29.69 0.74 -3.44	26.96 0.58 -4.94	25.55 0.48 -4.81	19.64 0.31 -1.18	18.08 0.27 -1.44
MECO____69_KV_BK1 80468	18.55 1.06 0.00	19.91 1.15 0.00	19.69 1.13 0.00	18.19 1.04 0.00	16.48 0.95 0.00	20.29 1.19 0.00	22.78 1.38 0.00	23.27 1.42 0.00	23.60 1.19 0.00	17.96 0.46 0.00	17.56 0.26 0.00	16.01 0.26 0.00	15.94 0.27 0.00	15.84 0.25 0.00	16.35 0.26 0.00	18.77 0.30 0.00	23.33 0.74 0.00	28.02 1.57 0.00	32.61 2.16 0.00	27.34 1.84 0.00	22.92 1.49 0.00	21.61 1.35 0.00	19.29 1.14 0.00	17.35 0.99 0.00
MENANDS___115KV_TB5 355628	17.79 0.31 0.00	19.05 0.29 0.00	18.86 0.30 0.00	17.44 0.29 0.00	15.79 0.25 0.00	19.42 0.32 0.00	21.79 0.39 0.00	22.26 0.41 0.00	22.78 0.37 0.00	17.78 0.28 0.00	17.55 0.26 0.00	16.00 0.26 0.00	15.92 0.25 0.00	15.85 0.26 0.00	16.38 0.29 0.00	18.84 0.36 0.00	23.08 0.49 0.00	27.03 0.58 0.00	31.06 0.61 0.00	26.04 0.53 0.00	21.96 0.53 0.00	20.79 0.53 0.00	18.64 0.49 0.00	16.74 0.38 0.00
MG INDUSTRY___DRP 24185	17.80 0.32 0.00	19.07 0.31 0.00	18.87 0.31 0.00	17.48 0.33 0.00	15.82 0.28 0.00	19.45 0.35 0.00	21.81 0.41 0.00	22.26 0.41 0.00	22.74 0.32 0.00	17.69 0.19 0.00	17.44 0.14 0.00	15.90 0.16 0.00	15.83 0.16 0.00	15.75 0.16 0.00	16.27 0.18 0.00	18.70 0.22 0.00	22.97 0.38 0.00	26.99 0.54 0.00	31.06 0.61 0.00	26.02 0.52 0.00	21.94 0.51 0.00	20.76 0.50 0.00	18.61 0.46 0.00	16.75 0.38 0.00

MID___OSWEGATCHIE_HYD 23849	17.53 0.04 0.00	18.81 0.06 0.00	18.62 0.05 0.00	17.15 0.00 0.00	15.63 0.09 0.00	19.30 0.19 0.00	21.58 0.18 0.00	22.00 0.15 0.00	22.66 0.25 0.00	17.62 0.12 0.00	17.30 0.01 0.00	15.67 -0.07 0.00	15.54 -0.13 0.00	15.32 -0.26 0.00	15.77 -0.32 0.00	18.12 -0.36 0.00	22.35 -0.23 0.00	26.52 0.07 0.00	30.90 0.45 0.00	28.60 0.14 -2.95	25.63 -0.03 -4.23	24.21 -0.17 -4.12	18.89 -0.28 -1.01	17.33 -0.27 -1.23
MID___RAQUETTE_HYD 23851	17.64 0.16 0.00	18.91 0.16 0.00	18.73 0.17 0.00	17.29 0.14 0.00	15.69 0.15 0.00	19.30 0.19 0.00	21.59 0.19 0.00	22.10 0.25 0.00	22.83 0.42 0.00	17.80 0.30 0.00	17.49 0.20 0.00	15.83 0.09 0.00	15.73 0.05 0.00	15.58 -0.01 0.00	16.07 -0.02 0.00	18.44 -0.04 0.00	22.61 0.02 0.00	26.61 0.16 0.00	30.79 0.34 0.00	30.04 0.18 -4.35	27.78 0.10 -6.24	26.37 0.04 -6.07	19.56 -0.08 -1.49	18.13 -0.06 -1.82
MILLIKEN___1 23584	17.72 0.24 0.00	19.00 0.24 0.00	18.77 0.21 0.00	17.33 0.18 0.00	15.71 0.18 0.00	19.35 0.25 0.00	21.73 0.33 0.00	22.26 0.40 -0.01	22.79 0.38 0.00	17.64 0.13 0.00	17.35 0.06 0.00	15.78 0.03 0.00	15.68 0.00 0.00	15.61 0.02 0.00	16.09 0.00 0.00	18.50 0.02 0.00	22.75 0.16 0.00	26.84 0.39 0.00	31.13 0.68 0.00	26.09 0.58 0.00	21.77 0.34 0.00	20.56 0.30 0.00	18.37 0.22 0.00	16.53 0.17 0.00
MILLIKEN___2 23585	17.72 0.24 0.00	19.00 0.24 0.00	18.77 0.21 0.00	17.33 0.18 0.00	15.71 0.18 0.00	19.35 0.25 0.00	21.73 0.33 0.00	22.26 0.40 -0.01	22.79 0.38 0.00	17.64 0.13 0.00	17.35 0.06 0.00	15.78 0.03 0.00	15.68 0.00 0.00	15.61 0.02 0.00	16.09 0.00 0.00	18.50 0.02 0.00	22.75 0.16 0.00	26.84 0.39 0.00	31.13 0.68 0.00	26.09 0.58 0.00	21.77 0.34 0.00	20.56 0.30 0.00	18.37 0.22 0.00	16.53 0.17 0.00
MILLIKEN___DIESEL 23629	17.72 0.24 0.00	19.00 0.24 0.00	18.77 0.21 0.00	17.33 0.18 0.00	15.71 0.18 0.00	19.35 0.25 0.00	21.73 0.33 0.00	22.26 0.40 -0.01	22.79 0.38 0.00	17.64 0.13 0.00	17.35 0.06 0.00	15.78 0.03 0.00	15.68 0.00 0.00	15.61 0.02 0.00	16.09 0.00 0.00	18.50 0.02 0.00	22.75 0.16 0.00	26.84 0.39 0.00	31.13 0.68 0.00	26.09 0.58 0.00	21.77 0.34 0.00	20.56 0.30 0.00	18.37 0.22 0.00	16.53 0.17 0.00
MILLSEAT___LFGE 323607	16.99 -0.49 0.00	18.32 -0.44 0.00	17.98 -0.57 0.00	16.59 -0.56 0.00	15.05 -0.48 0.00	18.59 -0.51 0.00	20.92 -0.48 0.00	21.42 -0.44 -0.01	22.16 -0.25 0.00	17.20 -0.30 0.00	16.86 -0.43 0.00	15.24 -0.51 0.00	15.22 -0.45 0.00	15.20 -0.39 0.00	15.63 -0.46 0.00	17.91 -0.57 0.00	21.79 -0.80 0.00	25.43 -1.02 0.00	29.46 -0.99 0.00	24.85 -0.66 0.00	20.55 -0.88 0.00	19.38 -0.88 0.00	17.30 -0.85 0.00	15.68 -0.69 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	18.17 0.69 0.00	19.47 0.71 0.00	19.26 0.70 0.00	17.77 0.62 0.00	16.09 0.56 0.00	19.79 0.69 0.00	22.22 0.82 0.00	22.79 0.93 0.00	23.33 0.92 0.00	18.24 0.74 0.00	18.07 0.77 0.00	16.51 0.77 0.00	16.46 0.79 0.00	16.36 0.77 0.00	16.94 0.84 0.00	19.48 1.00 0.00	23.73 1.14 0.00	27.79 1.34 0.00	31.94 1.49 0.00	26.76 1.26 0.00	22.57 1.14 0.00	21.34 1.08 0.00	19.16 1.01 0.00	17.25 0.88 0.00
MILLWOOD_13_KV_LOAD 356217	18.20 0.72 0.00	19.49 0.73 0.00	19.29 0.73 0.00	17.80 0.64 0.00	16.11 0.57 0.00	19.82 0.71 0.00	22.24 0.84 0.00	22.82 0.96 0.00	23.37 0.96 0.00	18.27 0.77 0.00	18.09 0.80 0.00	16.54 0.80 0.00	16.48 0.81 0.00	16.38 0.80 0.00	16.96 0.86 0.00	19.50 1.03 0.00	23.77 1.18 0.00	27.83 1.38 0.00	32.00 1.55 0.00	26.81 1.30 0.00	22.61 1.17 0.00	21.37 1.10 0.00	19.19 1.04 0.00	17.27 0.90 0.00
MODEL_CITY_ENERGY 24167	16.56 -0.93 0.00	17.87 -0.88 0.00	17.54 -1.02 0.00	16.18 -0.97 0.00	14.68 -0.86 0.00	18.13 -0.98 0.00	20.38 -1.02 0.00	20.85 -1.01 -0.01	21.61 -0.80 0.00	16.83 -0.67 0.00	16.57 -0.72 0.00	14.98 -0.75 0.00	14.98 -0.69 0.00	14.97 -0.62 0.00	15.39 -0.70 0.00	17.61 -0.87 0.00	21.30 -1.29 0.00	24.68 -1.77 0.00	28.48 -1.97 0.00	24.04 -1.47 0.00	19.88 -1.56 0.00	18.77 -1.49 0.00	16.79 -1.37 0.00	15.24 -1.12 0.00
MODERN_LFGE___ 323580	16.56 -0.93 0.00	17.87 -0.88 0.00	17.54 -1.02 0.00	16.18 -0.97 0.00	14.68 -0.86 0.00	18.13 -0.98 0.00	20.38 -1.02 0.00	20.85 -1.01 -0.01	21.61 -0.80 0.00	16.83 -0.67 0.00	16.57 -0.72 0.00	14.98 -0.75 0.00	14.98 -0.69 0.00	14.97 -0.62 0.00	15.39 -0.70 0.00	17.61 -0.87 0.00	21.30 -1.29 0.00	24.68 -1.77 0.00	28.48 -1.97 0.00	24.04 -1.47 0.00	19.88 -1.56 0.00	18.77 -1.49 0.00	16.79 -1.37 0.00	15.24 -1.12 0.00
MOHAWK_PAPER___DRP 24187	17.88 0.40 0.00	19.15 0.39 0.00	18.95 0.39 0.00	17.53 0.38 0.00	15.87 0.33 0.00	19.53 0.42 0.00	21.90 0.50 0.00	22.38 0.53 0.00	22.90 0.49 0.00	17.85 0.35 0.00	17.60 0.31 0.00	16.04 0.31 0.00	15.97 0.30 0.00	15.89 0.30 0.00	16.43 0.33 0.00	18.89 0.42 0.00	23.17 0.59 0.00	27.18 0.73 0.00	31.25 0.80 0.00	26.20 0.69 0.00	22.09 0.66 0.00	20.90 0.64 0.00	18.73 0.58 0.00	16.83 0.46 0.00
MOHICAN___35_KV_115KV_LD 80490	18.22 0.74 0.00	19.51 0.75 0.00	19.36 0.79 0.00	17.87 0.72 0.00	16.17 0.64 0.00	19.93 0.82 0.00	22.36 0.96 0.00	22.85 1.00 0.00	23.36 0.95 0.00	18.02 0.52 0.00	17.70 0.41 0.00	16.13 0.39 0.00	16.06 0.38 0.00	15.97 0.38 0.00	16.52 0.43 0.00	19.09 0.61 0.00	23.63 1.05 0.00	27.70 1.25 0.00	31.92 1.47 0.00	26.76 1.25 0.00	22.59 1.16 0.00	21.36 1.10 0.00	19.11 0.95 0.00	17.05 0.69 0.00
MONGAUP___HYD 23641	18.25 0.76 0.00	19.54 0.78 0.00	19.33 0.77 0.00	17.84 0.69 0.00	16.16 0.62 0.00	19.89 0.78 0.00	22.35 0.95 0.00	22.92 1.06 0.00	23.44 1.03 0.00	18.17 0.67 0.00	17.83 0.54 0.00	16.17 0.43 0.00	16.12 0.44 0.00	16.03 0.44 0.00	16.58 0.49 0.00	19.17 0.69 0.00	23.47 0.88 0.00	27.76 1.31 0.00	32.21 1.76 0.00	27.02 1.51 0.00	22.70 1.27 0.00	21.46 1.20 0.00	19.23 1.08 0.00	17.29 0.92 0.00
MONTAUK___DIESEL 23721	18.99 1.51 0.00	20.24 1.48 0.00	19.98 1.42 0.00	18.38 1.23 0.00	16.59 1.05 0.00	20.35 1.25 0.00	22.78 1.38 0.00	23.40 1.54 0.00	23.63 1.22 0.00	18.53 1.04 0.00	18.49 1.21 0.00	16.82 1.08 0.00	16.71 1.04 0.00	16.56 0.97 0.00	17.14 1.04 0.00	19.76 1.28 0.00	23.59 1.01 0.00	26.77 0.93 0.61	31.55 1.11 0.01	26.38 0.88 0.00	22.33 0.89 0.00	21.06 0.80 0.00	19.05 0.90 0.00	17.12 0.76 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	17.00 -0.48 0.00	18.15 -0.60 0.00	17.81 -0.75 0.00	16.39 -0.76 0.00	14.99 -0.55 0.00	18.57 -0.54 0.00	21.00 -0.40 0.00	21.76 -0.21 -0.12	22.48 0.06 0.00	17.46 -0.04 0.00	17.28 -0.01 0.00	15.72 -0.02 0.00	15.65 -0.03 0.00	15.67 0.08 0.00	16.08 -0.02 0.00	18.38 -0.10 0.00	22.32 -0.27 0.00	25.96 -0.49 0.00	29.83 -0.62 0.00	24.88 -0.63 0.00	20.33 -1.10 0.00	19.13 -1.13 0.00	16.94 -1.22 0.00	15.30 -1.07 0.00

MORRIS_RIDGE___SOLAR 323848	16.90 -0.59 0.00	18.09 -0.67 0.00	17.81 -0.75 0.00	16.39 -0.76 0.00	14.81 -0.73 0.00	18.24 -0.87 0.00	20.52 -0.88 0.00	21.16 -0.76 -0.07	21.84 -0.57 0.00	17.01 -0.49 0.00	16.81 -0.48 0.00	15.26 -0.49 0.00	15.16 -0.51 0.00	15.14 -0.45 0.00	15.58 -0.51 0.00	17.87 -0.61 0.00	21.76 -0.83 0.00	25.42 -1.02 0.00	29.34 -1.11 0.00	24.49 -1.02 0.00	20.19 -1.24 0.00	19.09 -1.17 0.00	17.06 -1.09 0.00	15.41 -0.95 0.00
MORTIMER_115KV_TB3 55949	17.02 -0.47 0.00	18.31 -0.45 0.00	18.03 -0.54 0.00	16.63 -0.52 0.00	15.08 -0.45 0.00	18.60 -0.50 0.00	20.89 -0.51 0.00	21.37 -0.47 0.01	22.02 -0.39 0.00	17.14 -0.36 0.00	16.88 -0.41 0.00	15.31 -0.43 0.00	15.29 -0.38 0.00	15.28 -0.31 0.00	15.72 -0.37 0.00	18.04 -0.44 0.00	21.97 -0.62 0.00	25.64 -0.80 0.00	29.61 -0.84 0.00	24.91 -0.60 0.00	20.71 -0.72 0.00	19.53 -0.73 0.00	17.45 -0.70 0.00	15.79 -0.58 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	18.30 0.82 0.00	19.60 0.84 0.00	19.40 0.84 0.00	17.89 0.74 0.00	16.19 0.66 0.00	19.92 0.81 0.00	22.36 0.96 0.00	22.95 1.09 0.00	23.50 1.09 0.00	18.38 0.88 0.00	18.21 0.92 0.00	16.65 0.91 0.00	16.60 0.93 0.00	16.49 0.90 0.00	17.07 0.98 0.00	19.64 1.16 0.00	23.90 1.31 0.00	27.99 1.54 0.00	32.15 1.70 0.00	26.94 1.43 0.00	22.72 1.29 0.00	21.48 1.22 0.00	19.29 1.13 0.00	17.37 1.00 0.00
MUNSVILLE_WIND_PWR 323609	18.71 1.23 0.00	20.04 1.28 0.00	19.81 1.25 0.00	18.23 1.08 0.00	16.52 0.99 0.00	20.42 1.31 0.00	23.01 1.61 0.00	23.63 1.77 -0.01	24.16 1.74 0.00	18.50 1.00 0.00	18.14 0.85 0.00	16.49 0.75 0.00	16.34 0.67 0.00	16.23 0.64 0.00	16.71 0.61 0.00	19.21 0.74 0.00	23.90 1.32 0.00	28.49 2.04 0.00	33.11 2.66 0.00	27.72 2.21 0.00	23.05 1.62 0.00	21.70 1.44 0.00	19.33 1.17 0.00	17.35 0.98 0.00
N SALMON___HYD 24042	17.40 -0.08 0.00	18.65 -0.11 0.00	18.53 -0.03 0.00	17.14 -0.01 0.00	15.53 0.00 0.00	19.05 -0.05 0.00	21.30 -0.10 0.00	21.84 -0.01 0.00	22.68 0.27 0.00	17.77 0.27 0.00	17.52 0.23 0.00	15.86 0.11 0.00	15.73 0.06 0.00	15.54 -0.05 0.00	15.99 -0.10 0.00	18.33 -0.15 0.00	22.49 -0.09 0.00	26.37 -0.08 0.00	30.40 -0.05 0.00	44.16 -0.21 -18.86	48.28 -0.22 -27.06	46.35 -0.23 -26.32	24.29 -0.30 -6.44	23.96 -0.29 -7.88
N.AKRON__115KV_KNAPP 355671	16.92 -0.56 0.00	18.25 -0.51 0.00	17.92 -0.64 0.00	16.52 -0.63 0.00	15.00 -0.54 0.00	18.52 -0.59 0.00	20.83 -0.57 0.00	21.34 -0.52 -0.01	22.08 -0.33 0.00	17.16 -0.34 0.00	16.84 -0.45 0.00	15.24 -0.50 0.00	15.23 -0.45 0.00	15.21 -0.38 0.00	15.62 -0.47 0.00	17.89 -0.59 0.00	21.78 -0.81 0.00	25.32 -1.13 0.00	29.29 -1.16 0.00	24.71 -0.80 0.00	20.44 -0.99 0.00	19.28 -0.98 0.00	17.21 -0.94 0.00	15.61 -0.76 0.00
N.BELMOR_69_KV_BK1 55787	18.46 0.97 0.00	19.72 0.97 0.00	19.49 0.93 0.00	17.96 0.81 0.00	16.26 0.72 0.00	19.99 0.88 0.00	22.35 0.95 0.00	22.92 1.06 0.00	23.35 0.94 0.00	18.30 0.81 0.00	18.24 0.95 0.00	16.65 0.91 0.00	16.59 0.92 0.00	16.51 0.92 0.00	17.13 1.04 0.00	19.69 1.21 0.00	23.79 1.20 0.00	27.58 1.36 0.23	31.99 1.54 0.00	26.82 1.31 0.00	22.67 1.24 0.00	21.45 1.19 0.00	19.38 1.22 0.00	17.45 1.09 0.00
N.E_GEN_SANDY PD 24062	18.02 0.50 -0.04	19.15 0.50 0.10	19.08 0.52 0.00	17.64 0.49 0.00	15.96 0.43 0.00	19.65 0.54 0.00	22.04 0.64 0.00	22.54 0.69 0.00	23.06 0.65 0.00	17.99 0.49 0.00	17.77 0.48 0.00	16.20 0.46 0.00	16.13 0.46 0.00	16.05 0.47 0.00	16.61 0.51 0.00	19.09 0.62 0.00	23.37 0.78 0.00	27.32 0.87 0.00	31.37 0.92 0.00	26.31 0.80 0.00	22.90 0.79 -0.68	21.06 0.80 0.00	19.33 0.76 -0.42	16.99 0.62 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	18.05 0.56 0.00	19.35 0.60 0.00	19.15 0.59 0.00	17.66 0.51 0.00	16.00 0.47 0.00	19.70 0.59 0.00	22.13 0.73 0.00	22.72 0.86 0.00	23.26 0.85 0.00	18.17 0.67 0.00	17.98 0.69 0.00	16.45 0.71 0.00	16.40 0.73 0.00	16.31 0.72 0.00	16.87 0.78 0.00	19.40 0.93 0.00	23.67 1.08 0.00	27.73 1.28 0.00	31.90 1.45 0.00	26.71 1.20 0.00	22.50 1.06 0.00	21.27 1.01 0.00	19.10 0.95 0.00	17.20 0.83 0.00
N.QUEENS_27_KV_LOAD 356247	18.36 0.87 0.00	19.66 0.90 0.00	19.45 0.88 -0.01	17.94 0.79 -0.01	16.23 0.69 -0.01	19.98 0.87 0.00	22.43 1.03 0.00	22.95 1.10 0.00	23.51 1.10 -0.01	18.42 0.92 0.00	18.26 0.97 0.00	16.70 0.95 0.00	16.65 0.98 0.00	16.53 0.94 0.00	17.12 1.02 0.00	19.68 1.21 0.00	23.88 1.30 0.00	28.31 1.62 -0.24	32.23 1.78 0.00	27.02 1.51 0.00	22.83 1.40 0.00	21.53 1.26 0.00	19.31 1.16 0.00	17.39 1.03 0.00
N.TROY___115KV_TB1 355778	17.94 0.46 0.00	19.22 0.46 0.00	19.04 0.48 0.00	17.61 0.46 0.00	15.94 0.40 0.00	19.62 0.51 0.00	22.00 0.60 0.00	22.48 0.62 0.00	22.99 0.58 0.00	17.90 0.40 0.00	17.64 0.35 0.00	16.07 0.33 0.00	16.00 0.32 0.00	15.92 0.33 0.00	16.46 0.36 0.00	18.91 0.44 0.00	23.25 0.66 0.00	27.21 0.76 0.00	31.29 0.83 0.00	26.23 0.72 0.00	22.13 0.69 0.00	20.96 0.70 0.00	18.80 0.64 0.00	16.87 0.51 0.00
NARROWS_GT1_1 24228	18.34 0.86 0.00	19.67 0.90 0.00	19.50 0.93 -0.01	17.98 0.82 -0.01	16.28 0.74 -0.01	20.03 0.92 0.00	22.49 1.09 0.00	23.08 1.22 0.00	23.63 1.22 -0.01	18.46 0.97 0.00	18.30 1.01 0.00	16.73 0.99 0.00	16.68 1.01 0.00	16.56 0.97 0.00	17.14 1.05 0.00	19.73 1.25 0.00	24.00 1.41 0.00	28.14 1.69 0.00	32.32 1.87 0.00	27.07 1.56 0.00	22.86 1.42 0.00	21.59 1.32 0.00	19.37 1.22 0.00	17.45 1.08 0.00
NARROWS_GT1_2 24229	18.34 0.86 0.00	19.67 0.90 0.00	19.50 0.93 -0.01	17.98 0.82 -0.01	16.28 0.74 -0.01	20.03 0.92 0.00	22.49 1.09 0.00	23.08 1.22 0.00	23.63 1.22 -0.01	18.46 0.97 0.00	18.30 1.01 0.00	16.73 0.99 0.00	16.68 1.01 0.00	16.56 0.97 0.00	17.14 1.05 0.00	19.73 1.25 0.00	24.00 1.41 0.00	28.14 1.69 0.00	32.32 1.87 0.00	27.07 1.56 0.00	22.86 1.42 0.00	21.59 1.32 0.00	19.37 1.22 0.00	17.45 1.08 0.00
NARROWS_GT1_3 24230	18.34 0.86 0.00	19.67 0.90 0.00	19.50 0.93 -0.01	17.98 0.82 -0.01	16.28 0.74 -0.01	20.03 0.92 0.00	22.49 1.09 0.00	23.08 1.22 0.00	23.63 1.22 -0.01	18.46 0.97 0.00	18.30 1.01 0.00	16.73 0.99 0.00	16.68 1.01 0.00	16.56 0.97 0.00	17.14 1.05 0.00	19.73 1.25 0.00	24.00 1.41 0.00	28.14 1.69 0.00	32.32 1.87 0.00	27.07 1.56 0.00	22.86 1.42 0.00	21.59 1.32 0.00	19.37 1.22 0.00	17.45 1.08 0.00
NARROWS_GT1_4 24231	18.34 0.86 0.00	19.67 0.90 0.00	19.50 0.93 -0.01	17.98 0.82 -0.01	16.28 0.74 -0.01	20.03 0.92 0.00	22.49 1.09 0.00	23.08 1.22 0.00	23.63 1.22 -0.01	18.46 0.97 0.00	18.30 1.01 0.00	16.73 0.99 0.00	16.68 1.01 0.00	16.56 0.97 0.00	17.14 1.05 0.00	19.73 1.25 0.00	24.00 1.41 0.00	28.14 1.69 0.00	32.32 1.87 0.00	27.07 1.56 0.00	22.86 1.42 0.00	21.59 1.32 0.00	19.37 1.22 0.00	17.45 1.08 0.00

NARROWS_GT1_5 24232	18.34 0.86 0.00	19.67 0.90 0.00	19.50 0.93 -0.01	17.98 0.82 -0.01	16.28 0.74 -0.01	20.03 0.92 0.00	22.49 1.09 0.00	23.08 1.22 0.00	23.63 1.22 -0.01	18.46 0.97 0.00	18.30 1.01 0.00	16.73 0.99 0.00	16.68 1.01 0.00	16.56 0.97 0.00	17.14 1.05 0.00	19.73 1.25 0.00	24.00 1.41 0.00	28.14 1.69 0.00	32.32 1.87 0.00	27.07 1.56 0.00	22.86 1.42 0.00	21.59 1.32 0.00	19.37 1.22 0.00	17.45 1.08 0.00
NARROWS_GT1_6 24233	18.34 0.86 0.00	19.67 0.90 0.00	19.50 0.93 -0.01	17.98 0.82 -0.01	16.28 0.74 -0.01	20.03 0.92 0.00	22.49 1.09 0.00	23.08 1.22 0.00	23.63 1.22 -0.01	18.46 0.97 0.00	18.30 1.01 0.00	16.73 0.99 0.00	16.68 1.01 0.00	16.56 0.97 0.00	17.14 1.05 0.00	19.73 1.25 0.00	24.00 1.41 0.00	28.14 1.69 0.00	32.32 1.87 0.00	27.07 1.56 0.00	22.86 1.42 0.00	21.59 1.32 0.00	19.37 1.22 0.00	17.45 1.08 0.00
NARROWS_GT1_7 24234	18.34 0.86 0.00	19.67 0.90 0.00	19.50 0.93 -0.01	17.98 0.82 -0.01	16.28 0.74 -0.01	20.03 0.92 0.00	22.49 1.09 0.00	23.08 1.22 0.00	23.63 1.22 -0.01	18.46 0.97 0.00	18.30 1.01 0.00	16.73 0.99 0.00	16.68 1.01 0.00	16.56 0.97 0.00	17.14 1.05 0.00	19.73 1.25 0.00	24.00 1.41 0.00	28.14 1.69 0.00	32.32 1.87 0.00	27.07 1.56 0.00	22.86 1.42 0.00	21.59 1.32 0.00	19.37 1.22 0.00	17.45 1.08 0.00
NARROWS_GT1_8 24235	18.34 0.86 0.00	19.67 0.90 0.00	19.50 0.93 -0.01	17.98 0.82 -0.01	16.28 0.74 -0.01	20.03 0.92 0.00	22.49 1.09 0.00	23.08 1.22 0.00	23.63 1.22 -0.01	18.46 0.97 0.00	18.30 1.01 0.00	16.73 0.99 0.00	16.68 1.01 0.00	16.56 0.97 0.00	17.14 1.05 0.00	19.73 1.25 0.00	24.00 1.41 0.00	28.14 1.69 0.00	32.32 1.87 0.00	27.07 1.56 0.00	22.86 1.42 0.00	21.59 1.32 0.00	19.37 1.22 0.00	17.45 1.08 0.00
NARROWS_GT2_1 24236	18.34 0.86 0.00	19.67 0.90 0.00	19.50 0.93 -0.01	17.98 0.82 -0.01	16.28 0.74 -0.01	20.03 0.92 0.00	22.49 1.09 0.00	23.08 1.22 0.00	23.63 1.22 -0.01	18.46 0.97 0.00	18.30 1.01 0.00	16.73 0.99 0.00	16.68 1.01 0.00	16.56 0.97 0.00	17.14 1.05 0.00	19.73 1.25 0.00	24.00 1.41 0.00	28.14 1.69 0.00	32.32 1.87 0.00	27.07 1.56 0.00	22.86 1.42 0.00	21.59 1.32 0.00	19.37 1.22 0.00	17.45 1.08 0.00
NARROWS_GT2_2 24237	18.34 0.86 0.00	19.67 0.90 0.00	19.50 0.93 -0.01	17.98 0.82 -0.01	16.28 0.74 -0.01	20.03 0.92 0.00	22.49 1.09 0.00	23.08 1.22 0.00	23.63 1.22 -0.01	18.46 0.97 0.00	18.30 1.01 0.00	16.73 0.99 0.00	16.68 1.01 0.00	16.56 0.97 0.00	17.14 1.05 0.00	19.73 1.25 0.00	24.00 1.41 0.00	28.14 1.69 0.00	32.32 1.87 0.00	27.07 1.56 0.00	22.86 1.42 0.00	21.59 1.32 0.00	19.37 1.22 0.00	17.45 1.08 0.00
NARROWS_GT2_3 24238	18.34 0.86 0.00	19.67 0.90 0.00	19.50 0.93 -0.01	17.98 0.82 -0.01	16.28 0.74 -0.01	20.03 0.92 0.00	22.49 1.09 0.00	23.08 1.22 0.00	23.63 1.22 -0.01	18.46 0.97 0.00	18.30 1.01 0.00	16.73 0.99 0.00	16.68 1.01 0.00	16.56 0.97 0.00	17.14 1.05 0.00	19.73 1.25 0.00	24.00 1.41 0.00	28.14 1.69 0.00	32.32 1.87 0.00	27.07 1.56 0.00	22.86 1.42 0.00	21.59 1.32 0.00	19.37 1.22 0.00	17.45 1.08 0.00
NARROWS_GT2_4 24239	18.34 0.86 0.00	19.67 0.90 0.00	19.50 0.93 -0.01	17.98 0.82 -0.01	16.28 0.74 -0.01	20.03 0.92 0.00	22.49 1.09 0.00	23.08 1.22 0.00	23.63 1.22 -0.01	18.46 0.97 0.00	18.30 1.01 0.00	16.73 0.99 0.00	16.68 1.01 0.00	16.56 0.97 0.00	17.14 1.05 0.00	19.73 1.25 0.00	24.00 1.41 0.00	28.14 1.69 0.00	32.32 1.87 0.00	27.07 1.56 0.00	22.86 1.42 0.00	21.59 1.32 0.00	19.37 1.22 0.00	17.45 1.08 0.00
NARROWS_GT2_5 24240	18.34 0.86 0.00	19.67 0.90 0.00	19.50 0.93 -0.01	17.98 0.82 -0.01	16.28 0.74 -0.01	20.03 0.92 0.00	22.49 1.09 0.00	23.08 1.22 0.00	23.63 1.22 -0.01	18.46 0.97 0.00	18.30 1.01 0.00	16.73 0.99 0.00	16.68 1.01 0.00	16.56 0.97 0.00	17.14 1.05 0.00	19.73 1.25 0.00	24.00 1.41 0.00	28.14 1.69 0.00	32.32 1.87 0.00	27.07 1.56 0.00	22.86 1.42 0.00	21.59 1.32 0.00	19.37 1.22 0.00	17.45 1.08 0.00
NARROWS_GT2_6 24241	18.34 0.86 0.00	19.67 0.90 0.00	19.50 0.93 -0.01	17.98 0.82 -0.01	16.28 0.74 -0.01	20.03 0.92 0.00	22.49 1.09 0.00	23.08 1.22 0.00	23.63 1.22 -0.01	18.46 0.97 0.00	18.30 1.01 0.00	16.73 0.99 0.00	16.68 1.01 0.00	16.56 0.97 0.00	17.14 1.05 0.00	19.73 1.25 0.00	24.00 1.41 0.00	28.14 1.69 0.00	32.32 1.87 0.00	27.07 1.56 0.00	22.86 1.42 0.00	21.59 1.32 0.00	19.37 1.22 0.00	17.45 1.08 0.00
NARROWS_GT2_7 24242	18.34 0.86 0.00	19.67 0.90 0.00	19.50 0.93 -0.01	17.98 0.82 -0.01	16.28 0.74 -0.01	20.03 0.92 0.00	22.49 1.09 0.00	23.08 1.22 0.00	23.63 1.22 -0.01	18.46 0.97 0.00	18.30 1.01 0.00	16.73 0.99 0.00	16.68 1.01 0.00	16.56 0.97 0.00	17.14 1.05 0.00	19.73 1.25 0.00	24.00 1.41 0.00	28.14 1.69 0.00	32.32 1.87 0.00	27.07 1.56 0.00	22.86 1.42 0.00	21.59 1.32 0.00	19.37 1.22 0.00	17.45 1.08 0.00
NARROWS_GT2_8 24243	18.34 0.86 0.00	19.67 0.90 0.00	19.50 0.93 -0.01	17.98 0.82 -0.01	16.28 0.74 -0.01	20.03 0.92 0.00	22.49 1.09 0.00	23.08 1.22 0.00	23.63 1.22 -0.01	18.46 0.97 0.00	18.30 1.01 0.00	16.73 0.99 0.00	16.68 1.01 0.00	16.56 0.97 0.00	17.14 1.05 0.00	19.73 1.25 0.00	24.00 1.41 0.00	28.14 1.69 0.00	32.32 1.87 0.00	27.07 1.56 0.00	22.86 1.42 0.00	21.59 1.32 0.00	19.37 1.22 0.00	17.45 1.08 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	18.07 0.59 0.00	19.33 0.57 0.00	19.12 0.55 0.00	17.70 0.55 0.00	16.03 0.49 0.00	19.73 0.62 0.00	22.16 0.76 0.00	22.66 0.81 0.00	23.17 0.76 0.00	17.94 0.44 0.00	17.57 0.28 0.00	15.97 0.23 0.00	15.88 0.20 0.00	15.80 0.20 0.00	16.33 0.24 0.00	18.78 0.31 0.00	23.19 0.60 0.00	27.42 0.97 0.00	31.74 1.29 0.00	26.61 1.11 0.00	22.38 0.95 0.00	21.13 0.87 0.00	18.91 0.75 0.00	16.96 0.59 0.00
NCHELSEA_115KV_TR2 355582	18.27 0.78 0.00	19.56 0.80 0.00	19.36 0.80 0.00	17.87 0.72 0.00	16.19 0.65 0.00	19.91 0.80 0.00	22.37 0.97 0.00	22.93 1.08 0.00	23.48 1.07 0.00	18.33 0.83 0.00	18.13 0.84 0.00	16.55 0.81 0.00	16.50 0.82 0.00	16.41 0.82 0.00	16.97 0.88 0.00	19.56 1.08 0.00	23.88 1.30 0.00	28.00 1.55 0.00	32.19 1.75 0.00	26.97 1.47 0.00	22.73 1.29 0.00	21.47 1.21 0.00	19.26 1.11 0.00	17.33 0.96 0.00
NEG CAPITAL___MECHNVIL 23645	18.14 0.66 0.00	19.44 0.69 0.00	19.26 0.70 0.00	17.81 0.65 0.00	16.12 0.58 0.00	19.84 0.73 0.00	22.26 0.86 0.00	22.75 0.90 0.00	23.27 0.85 0.00	18.04 0.54 0.00	17.76 0.47 0.00	16.19 0.45 0.00	16.10 0.43 0.00	16.02 0.43 0.00	16.56 0.46 0.00	19.07 0.59 0.00	23.52 0.94 0.00	27.62 1.17 0.00	31.79 1.34 0.00	26.65 1.14 0.00	22.45 1.02 0.00	21.22 0.96 0.00	19.01 0.85 0.00	17.04 0.68 0.00

NEG CENTRAL_HIGH_ACRES 23767	16.77 -0.71 0.00	18.04 -0.72 0.00	17.77 -0.79 0.00	16.40 -0.75 0.00	14.87 -0.66 0.00	18.34 -0.76 0.00	20.59 -0.81 0.00	21.06 -0.79 0.01	21.68 -0.73 0.00	16.87 -0.63 0.00	16.61 -0.68 0.00	15.07 -0.67 0.00	15.04 -0.64 0.00	15.01 -0.58 0.00	15.46 -0.63 0.00	17.75 -0.73 0.00	21.67 -0.91 0.00	25.36 -1.09 0.00	29.25 -1.20 0.00	24.58 -0.93 0.00	20.45 -0.98 0.00	19.28 -0.98 0.00	17.23 -0.92 0.00	15.58 -0.79 0.00
NEG CENTRAL___DRP 24199	17.28 -0.20 0.00	18.54 -0.22 0.00	18.30 -0.26 0.00	16.89 -0.27 0.00	15.31 -0.23 0.00	18.85 -0.25 0.00	21.16 -0.24 0.00	21.64 -0.21 0.00	22.22 -0.19 0.00	17.26 -0.24 0.00	17.01 -0.28 0.00	15.45 -0.29 0.00	15.38 -0.29 0.00	15.33 -0.26 0.00	15.80 -0.30 0.00	18.15 -0.33 0.00	22.23 -0.36 0.00	26.11 -0.34 0.00	30.22 -0.23 0.00	25.34 -0.17 0.00	21.11 -0.32 0.00	19.94 -0.32 0.00	17.83 -0.32 0.00	16.07 -0.30 0.00
NEG CENTRAL___INDECK 23768	17.44 -0.04 0.00	18.69 -0.06 0.00	18.40 -0.16 0.00	16.96 -0.19 0.00	15.35 -0.19 0.00	18.91 -0.19 0.00	21.28 -0.12 0.00	21.92 0.04 -0.03	22.63 0.21 0.00	17.43 -0.07 0.00	17.06 -0.24 0.00	15.47 -0.27 0.00	15.40 -0.27 0.00	15.37 -0.21 0.00	15.83 -0.26 0.00	18.16 -0.32 0.00	22.16 -0.42 0.00	26.07 -0.38 0.00	30.47 0.02 0.00	25.58 0.07 0.00	21.14 -0.29 0.00	19.91 -0.35 0.00	17.75 -0.40 0.00	16.02 -0.35 0.00
NEG CENTRAL___SENECA 23627	17.32 -0.16 0.00	18.57 -0.18 0.00	18.33 -0.23 0.00	16.90 -0.25 0.00	15.33 -0.21 0.00	18.89 -0.22 0.00	21.22 -0.18 0.00	21.75 -0.11 0.00	22.35 -0.06 0.00	17.33 -0.17 0.00	17.06 -0.23 0.00	15.49 -0.25 0.00	15.41 -0.26 0.00	15.37 -0.22 0.00	15.84 -0.26 0.00	18.20 -0.28 0.00	22.30 -0.29 0.00	26.20 -0.25 0.00	30.36 -0.09 0.00	25.47 -0.04 0.00	21.16 -0.27 0.00	19.99 -0.27 0.00	17.85 -0.30 0.00	16.07 -0.29 0.00
NEG CENTRAL___STATE_STREET 24147	17.34 -0.15 0.00	18.60 -0.15 0.00	18.38 -0.18 0.00	16.97 -0.18 0.00	15.38 -0.15 0.00	18.94 -0.17 0.00	21.22 -0.18 0.00	21.65 -0.21 0.00	22.19 -0.22 0.00	17.27 -0.23 0.00	17.03 -0.25 0.00	15.49 -0.25 0.00	15.43 -0.25 0.00	15.36 -0.23 0.00	15.84 -0.25 0.00	18.20 -0.28 0.00	22.26 -0.32 0.00	26.15 -0.30 0.00	30.21 -0.24 0.00	25.31 -0.20 0.00	21.16 -0.28 0.00	20.01 -0.25 0.00	17.92 -0.23 0.00	16.16 -0.21 0.00
NEG MILLWOOD___DRP 24198	18.33 0.84 0.00	19.62 0.86 0.00	19.41 0.85 0.00	17.92 0.77 0.00	16.22 0.69 0.00	19.96 0.86 0.00	22.42 1.02 0.00	23.00 1.14 0.00	23.56 1.15 0.00	18.41 0.91 0.00	18.21 0.92 0.00	16.62 0.88 0.00	16.56 0.89 0.00	16.47 0.88 0.00	17.04 0.95 0.00	19.62 1.14 0.00	23.94 1.35 0.00	28.06 1.61 0.00	32.28 1.83 0.00	27.05 1.54 0.00	22.80 1.36 0.00	21.53 1.27 0.00	19.31 1.16 0.00	17.37 1.00 0.00
NEG NORTH_FLCN_SEA 23793	17.48 -0.01 0.00	18.68 -0.07 0.00	18.64 0.08 0.00	17.27 0.12 0.00	15.54 0.00 0.00	18.90 -0.21 0.00	21.08 -0.32 0.00	21.56 -0.30 0.00	22.36 -0.06 0.00	17.55 0.06 0.00	17.54 0.25 0.00	15.96 0.21 0.00	15.77 0.10 0.00	15.60 0.01 0.00	16.09 0.00 0.00	18.45 -0.02 0.00	22.67 0.08 0.00	26.32 -0.13 0.00	30.52 0.07 0.00	-4.30 -0.13 29.68	-21.20 -0.05 42.59	-21.24 -0.08 41.42	7.86 -0.16 10.14	3.75 -0.21 12.40
NEG NORTH_KES_CHATEGAY 23792	17.18 -0.30 0.00	18.40 -0.36 0.00	18.30 -0.26 0.00	16.94 -0.20 0.00	15.34 -0.19 0.00	18.77 -0.34 0.00	20.98 -0.42 0.00	21.50 -0.36 0.00	22.32 -0.09 0.00	17.53 0.03 0.00	17.30 0.01 0.00	15.69 -0.05 0.00	15.56 -0.12 0.00	15.36 -0.23 0.00	15.81 -0.28 0.00	18.11 -0.37 0.00	22.21 -0.37 0.00	25.99 -0.46 0.00	29.94 -0.51 0.00	-6.39 -0.64 31.26	-23.99 -0.56 44.86	-23.89 -0.53 43.63	6.93 -0.54 10.68	2.81 -0.49 13.07
NEG NORTH___ALICE_FALLS 23915	17.48 -0.01 0.00	18.69 -0.06 0.00	18.63 0.07 0.00	17.26 0.10 0.00	15.55 0.02 0.00	18.96 -0.14 0.00	21.17 -0.23 0.00	21.67 -0.18 0.00	22.49 0.08 0.00	17.65 0.15 0.00	17.58 0.29 0.00	15.98 0.24 0.00	15.80 0.13 0.00	15.62 0.03 0.00	16.10 0.01 0.00	18.46 -0.01 0.00	22.69 0.11 0.00	26.41 -0.04 0.00	30.56 0.11 0.00	-4.52 -0.10 29.93	-21.55 -0.03 42.95	-21.59 -0.07 41.77	7.76 -0.17 10.22	3.65 -0.21 12.51
NEG NORTH___LWR_SARANAC 23913	17.48 -0.01 0.00	18.69 -0.06 0.00	18.63 0.07 0.00	17.26 0.10 0.00	15.55 0.02 0.00	18.96 -0.14 0.00	21.17 -0.23 0.00	21.67 -0.18 0.00	22.49 0.08 0.00	17.65 0.15 0.00	17.58 0.29 0.00	15.98 0.24 0.00	15.80 0.13 0.00	15.62 0.03 0.00	16.10 0.01 0.00	18.46 -0.01 0.00	22.69 0.11 0.00	26.41 -0.04 0.00	30.56 0.11 0.00	-4.52 -0.10 29.93	-21.55 -0.03 42.95	-21.59 -0.07 41.77	7.76 -0.17 10.22	3.65 -0.21 12.51
NEG NORTH___PLATTSBURG 23628	17.48 -0.01 0.00	18.69 -0.06 0.00	18.63 0.07 0.00	17.26 0.11 0.00	15.55 0.02 0.00	18.96 -0.14 0.00	21.17 -0.23 0.00	21.67 -0.18 0.00	22.49 0.08 0.00	17.65 0.15 0.00	17.58 0.29 0.00	15.98 0.24 0.00	15.80 0.13 0.00	15.62 0.03 0.00	16.10 0.01 0.00	18.46 -0.01 0.00	22.69 0.11 0.00	26.41 -0.04 0.00	30.56 0.11 0.00	-4.52 -0.10 29.93	-21.55 -0.04 42.95	-21.59 -0.08 41.77	7.76 -0.17 10.22	3.65 -0.21 12.51
NEG WEST_LEA_LOCKPORT 23791	16.70 -0.78 0.00	18.01 -0.74 0.00	17.69 -0.88 0.00	16.30 -0.85 0.00	14.80 -0.74 0.00	18.28 -0.83 0.00	20.55 -0.85 0.00	21.05 -0.82 -0.01	21.80 -0.61 0.00	16.97 -0.53 0.00	16.70 -0.59 0.00	15.11 -0.63 0.00	15.11 -0.56 0.00	15.10 -0.49 0.00	15.51 -0.58 0.00	17.76 -0.72 0.00	21.49 -1.09 0.00	24.92 -1.53 0.00	28.76 -1.69 0.00	24.27 -1.24 0.00	20.07 -1.36 0.00	18.95 -1.31 0.00	16.93 -1.22 0.00	15.38 -0.99 0.00
NEG WEST___LANCASTER 23811	17.07 -0.41 0.00	18.38 -0.38 0.00	18.07 -0.49 0.00	16.64 -0.51 0.00	15.12 -0.41 0.00	18.65 -0.45 0.00	21.00 -0.40 0.00	21.64 -0.31 -0.10	22.26 -0.15 0.00	17.33 -0.17 0.00	17.11 -0.18 0.00	15.53 -0.21 0.00	15.50 -0.17 0.00	15.52 -0.07 0.00	15.95 -0.14 0.00	18.27 -0.21 0.00	22.17 -0.42 0.00	25.67 -0.78 0.00	29.65 -0.80 0.00	24.94 -0.57 0.00	20.63 -0.81 0.00	19.51 -0.75 0.00	17.43 -0.73 0.00	15.77 -0.59 0.00
NEG_PENN_ALLEGHNY 23528	17.46 -0.02 0.00	18.73 -0.02 0.00	18.52 -0.04 0.00	17.08 -0.07 0.00	15.50 -0.04 0.00	19.07 -0.03 0.00	21.40 0.00 0.00	21.93 0.06 -0.01	22.49 0.08 0.00	17.50 0.01 0.00	17.32 0.03 0.00	15.79 0.05 0.00	15.72 0.04 0.00	15.66 0.07 0.00	16.15 0.06 0.00	18.54 0.07 0.00	22.70 0.11 0.00	26.53 0.08 0.00	30.63 0.18 0.00	25.66 0.16 0.00	21.42 -0.01 0.00	20.27 0.01 0.00	18.14 -0.01 0.00	16.33 -0.04 0.00
NEG___GEN_MONROE 24207	17.10 -0.38 0.00	18.40 -0.36 0.00	18.11 -0.45 0.00	16.73 -0.42 0.00	15.16 -0.38 0.00	18.70 -0.41 0.00	21.01 -0.39 0.00	21.50 -0.35 0.01	22.22 -0.19 0.00	17.23 -0.26 0.00	16.92 -0.37 0.00	15.34 -0.40 0.00	15.32 -0.36 0.00	15.30 -0.29 0.00	15.74 -0.35 0.00	18.06 -0.42 0.00	22.00 -0.59 0.00	25.74 -0.71 0.00	29.80 -0.65 0.00	25.07 -0.44 0.00	20.82 -0.61 0.00	19.63 -0.63 0.00	17.54 -0.62 0.00	15.86 -0.51 0.00

NEPA__ENERGY 23901	16.94 -0.54 0.00	18.19 -0.57 0.00	17.92 -0.64 0.00	16.49 -0.66 0.00	15.02 -0.52 0.00	18.55 -0.56 0.00	20.91 -0.49 0.00	21.63 -0.34 -0.12	22.22 -0.20 0.00	17.23 -0.27 0.00	17.08 -0.21 0.00	15.59 -0.15 0.00	15.54 -0.13 0.00	15.55 -0.04 0.00	15.99 -0.10 0.00	18.30 -0.18 0.00	22.28 -0.31 0.00	25.75 -0.70 0.00	29.78 -0.67 0.00	24.96 -0.55 0.00	20.57 -0.87 0.00	19.50 -0.77 0.00	17.40 -0.76 0.00	15.69 -0.68 0.00
NEVERSink__HYD 23608	18.32 0.84 0.00	19.64 0.89 0.00	19.43 0.87 0.00	17.94 0.79 0.00	16.25 0.72 0.00	20.00 0.90 0.00	22.48 1.08 0.00	23.04 1.19 0.00	23.61 1.20 0.00	18.39 0.89 0.00	18.15 0.86 0.00	16.55 0.81 0.00	16.47 0.80 0.00	16.38 0.79 0.00	16.93 0.84 0.00	19.50 1.02 0.00	23.86 1.27 0.00	28.05 1.60 0.00	32.35 1.90 0.00	27.11 1.60 0.00	22.81 1.37 0.00	21.54 1.28 0.00	19.31 1.16 0.00	17.36 0.99 0.00
NEWKRMKL_115KV_TB1 55635	17.71 0.23 0.00	18.95 0.19 0.00	18.76 0.20 0.00	17.35 0.20 0.00	15.71 0.17 0.00	19.32 0.21 0.00	21.67 0.27 0.00	22.14 0.29 0.00	22.65 0.24 0.00	17.70 0.20 0.00	17.47 0.18 0.00	15.93 0.18 0.00	15.86 0.18 0.00	15.78 0.19 0.00	16.31 0.22 0.00	18.76 0.28 0.00	22.96 0.38 0.00	26.91 0.46 0.00	30.94 0.49 0.00	25.93 0.42 0.00	21.85 0.42 0.00	20.68 0.41 0.00	18.53 0.38 0.00	16.66 0.29 0.00
NEWTON__FALLS_HYD 23847	17.53 0.04 0.00	18.81 0.06 0.00	18.62 0.05 0.00	17.15 0.00 0.00	15.63 0.09 0.00	19.30 0.19 0.00	21.58 0.18 0.00	22.00 0.15 0.00	22.66 0.25 0.00	17.62 0.12 0.00	17.30 0.01 0.00	15.67 -0.07 0.00	15.54 -0.13 0.00	15.32 -0.26 0.00	15.77 -0.32 0.00	18.12 -0.36 0.00	22.35 -0.23 0.00	26.52 0.07 0.00	30.90 0.45 0.00	28.60 0.14 -2.95	25.63 -0.03 -4.23	24.21 -0.17 -4.12	18.89 -0.28 -1.01	17.33 -0.27 -1.23
NGRID_A1_DSASP 323792	16.44 -1.04 0.00	17.76 -1.00 0.00	17.44 -1.12 0.00	16.08 -1.07 0.00	14.59 -0.95 0.00	18.02 -1.09 0.00	20.23 -1.17 0.00	20.67 -1.16 0.02	21.45 -0.97 0.00	16.72 -0.78 0.00	16.48 -0.81 0.00	14.90 -0.84 0.00	14.91 -0.76 0.00	14.90 -0.68 0.00	15.32 -0.77 0.00	17.53 -0.95 0.00	21.15 -1.43 0.00	24.46 -1.99 0.00	28.20 -2.25 0.00	23.80 -1.70 0.00	19.70 -1.74 0.00	18.59 -1.67 0.00	16.63 -1.52 0.00	15.12 -1.25 0.00
NGRID_A2_DSASP 323793	16.44 -1.04 0.00	17.76 -1.00 0.00	17.44 -1.12 0.00	16.08 -1.07 0.00	14.59 -0.95 0.00	18.02 -1.09 0.00	20.23 -1.17 0.00	20.67 -1.16 0.02	21.45 -0.97 0.00	16.72 -0.78 0.00	16.48 -0.81 0.00	14.90 -0.84 0.00	14.91 -0.76 0.00	14.90 -0.68 0.00	15.32 -0.77 0.00	17.53 -0.95 0.00	21.15 -1.43 0.00	24.46 -1.99 0.00	28.20 -2.25 0.00	23.80 -1.70 0.00	19.70 -1.74 0.00	18.59 -1.67 0.00	16.63 -1.52 0.00	15.12 -1.25 0.00
NGRID_A4_DSASP 323807	16.44 -1.04 0.00	17.76 -1.00 0.00	17.44 -1.12 0.00	16.08 -1.07 0.00	14.59 -0.95 0.00	18.02 -1.09 0.00	20.23 -1.17 0.00	20.67 -1.16 0.02	21.45 -0.97 0.00	16.72 -0.78 0.00	16.48 -0.81 0.00	14.90 -0.84 0.00	14.91 -0.76 0.00	14.90 -0.68 0.00	15.32 -0.77 0.00	17.53 -0.95 0.00	21.15 -1.43 0.00	24.46 -1.99 0.00	28.20 -2.25 0.00	23.80 -1.70 0.00	19.70 -1.74 0.00	18.59 -1.67 0.00	16.63 -1.52 0.00	15.12 -1.25 0.00
NIAGARA_115E_LBMP 323715	16.48 -1.01 0.00	17.78 -0.98 0.00	17.46 -1.10 0.00	16.10 -1.05 0.00	14.61 -0.92 0.00	18.05 -1.06 0.00	20.28 -1.12 0.00	20.74 -1.12 -0.01	21.50 -0.91 0.00	16.76 -0.74 0.00	16.50 -0.79 0.00	14.92 -0.82 0.00	14.92 -0.75 0.00	14.90 -0.69 0.00	15.32 -0.77 0.00	17.53 -0.95 0.00	21.18 -1.40 0.00	24.54 -1.92 0.00	28.30 -2.15 0.00	23.89 -1.62 0.00	19.76 -1.67 0.00	18.67 -1.60 0.00	16.70 -1.46 0.00	15.16 -1.20 0.00
NIAGARA_115W_LBMP 323714	16.41 -1.07 0.00	17.72 -1.03 0.00	17.40 -1.16 0.00	16.05 -1.11 0.00	14.57 -0.97 0.00	17.98 -1.13 0.00	20.19 -1.21 0.00	20.63 -1.20 0.02	21.40 -1.01 0.00	16.68 -0.81 0.00	16.45 -0.84 0.00	14.87 -0.87 0.00	14.88 -0.79 0.00	14.87 -0.72 0.00	15.29 -0.80 0.00	17.49 -0.99 0.00	21.11 -1.48 0.00	24.41 -2.04 0.00	28.14 -2.31 0.00	23.76 -1.75 0.00	19.65 -1.78 0.00	18.56 -1.70 0.00	16.60 -1.55 0.00	15.10 -1.27 0.00
NIAGARA_230_LBMP 323716	16.55 -0.94 0.00	17.86 -0.89 0.00	17.54 -1.02 0.00	16.17 -0.97 0.00	14.68 -0.86 0.00	18.12 -0.99 0.00	20.36 -1.04 0.00	20.80 -1.01 0.05	21.58 -0.83 0.00	16.82 -0.68 0.00	16.58 -0.71 0.00	15.00 -0.74 0.00	15.00 -0.67 0.00	15.01 -0.58 0.00	15.43 -0.66 0.00	17.65 -0.82 0.00	21.34 -1.25 0.00	24.66 -1.79 0.00	28.44 -2.01 0.00	23.99 -1.52 0.00	19.86 -1.58 0.00	18.75 -1.51 0.00	16.77 -1.38 0.00	15.25 -1.12 0.00
NIAGARA__115KV_198_GIBSON 55903	16.41 -1.07 0.00	17.72 -1.03 0.00	17.40 -1.16 0.00	16.05 -1.11 0.00	14.57 -0.97 0.00	17.98 -1.13 0.00	20.19 -1.21 0.00	20.63 -1.20 0.02	21.40 -1.01 0.00	16.69 -0.81 0.00	16.45 -0.84 0.00	14.88 -0.86 0.00	14.90 -0.78 0.00	14.89 -0.70 0.00	15.29 -0.80 0.00	17.49 -0.99 0.00	21.11 -1.48 0.00	24.41 -2.04 0.00	28.14 -2.31 0.00	23.76 -1.75 0.00	19.67 -1.77 0.00	18.57 -1.69 0.00	16.60 -1.55 0.00	15.10 -1.27 0.00
NIAGARA____ 23760	16.55 -0.94 0.00	17.86 -0.89 0.00	17.54 -1.02 0.00	16.17 -0.97 0.00	14.68 -0.86 0.00	18.12 -0.99 0.00	20.36 -1.04 0.00	20.83 -1.01 0.01	21.58 -0.83 0.00	16.82 -0.68 0.00	16.58 -0.71 0.00	15.00 -0.74 0.00	15.00 -0.67 0.00	15.01 -0.58 0.00	15.43 -0.66 0.00	17.65 -0.82 0.00	21.34 -1.25 0.00	24.66 -1.79 0.00	28.44 -2.01 0.00	23.99 -1.52 0.00	19.86 -1.58 0.00	18.75 -1.51 0.00	16.77 -1.38 0.00	15.25 -1.12 0.00
NINE_MILE_1 23575	16.93 -0.56 0.00	18.17 -0.59 0.00	17.96 -0.60 0.00	16.59 -0.56 0.00	15.03 -0.51 0.00	18.49 -0.61 0.00	20.68 -0.72 0.00	21.07 -0.78 0.00	21.59 -0.82 0.00	16.87 -0.63 0.00	16.68 -0.61 0.00	15.18 -0.57 0.00	15.12 -0.56 0.00	15.04 -0.55 0.00	15.52 -0.57 0.00	17.82 -0.66 0.00	21.75 -0.83 0.00	25.45 -1.00 0.00	29.34 -1.11 0.00	24.58 -0.92 0.00	20.61 -0.82 0.00	19.48 -0.79 0.00	17.47 -0.69 0.00	15.78 -0.59 0.00
NINE_MILE_2 23744	16.93 -0.56 0.00	18.17 -0.59 0.00	17.96 -0.60 0.00	16.59 -0.56 0.00	15.03 -0.50 0.00	18.49 -0.61 0.00	20.68 -0.72 0.00	21.07 -0.78 0.00	21.59 -0.82 0.00	16.87 -0.63 0.00	16.68 -0.61 0.00	15.18 -0.57 0.00	15.12 -0.56 0.00	15.04 -0.55 0.00	15.52 -0.57 0.00	17.83 -0.65 0.00	21.75 -0.83 0.00	25.45 -1.00 0.00	29.34 -1.11 0.00	24.58 -0.92 0.00	20.61 -0.82 0.00	19.48 -0.78 0.00	17.47 -0.69 0.00	15.78 -0.59 0.00
NM_CAPITAL__DRP 24208	17.76 0.27 0.00	19.00 0.25 0.00	18.81 0.25 0.00	17.40 0.25 0.00	15.75 0.21 0.00	19.38 0.27 0.00	21.73 0.33 0.00	22.21 0.35 0.00	22.72 0.31 0.00	17.75 0.25 0.00	17.51 0.22 0.00	15.97 0.23 0.00	15.89 0.22 0.00	15.82 0.23 0.00	16.35 0.26 0.00	18.80 0.32 0.00	23.02 0.44 0.00	26.97 0.52 0.00	30.98 0.53 0.00	25.98 0.47 0.00	21.91 0.48 0.00	20.73 0.47 0.00	18.60 0.44 0.00	16.71 0.34 0.00

NM_CENTRAL___DRP 24181	17.22 -0.27 0.00	18.47 -0.28 0.00	18.26 -0.30 0.00	16.86 -0.29 0.00	15.29 -0.25 0.00	18.81 -0.29 0.00	21.06 -0.34 0.00	21.48 -0.37 0.00	22.01 -0.40 0.00	17.16 -0.34 0.00	16.96 -0.33 0.00	15.43 -0.31 0.00	15.38 -0.30 0.00	15.31 -0.28 0.00	15.79 -0.30 0.00	18.14 -0.34 0.00	22.18 -0.41 0.00	25.99 -0.46 0.00	29.98 -0.47 0.00	25.12 -0.39 0.00	21.02 -0.41 0.00	19.87 -0.39 0.00	17.80 -0.36 0.00	16.06 -0.31 0.00
NM_FRONTIER___DRP 24179	16.41 -1.07 0.00	17.72 -1.03 0.00	17.40 -1.16 0.00	16.05 -1.11 0.00	14.57 -0.97 0.00	17.98 -1.13 0.00	20.19 -1.21 0.00	20.63 -1.20 0.02	21.40 -1.01 0.00	16.69 -0.81 0.00	16.45 -0.84 0.00	14.88 -0.86 0.00	14.90 -0.78 0.00	14.89 -0.70 0.00	15.29 -0.80 0.00	17.49 -0.99 0.00	21.11 -1.48 0.00	24.41 -2.04 0.00	28.14 -2.31 0.00	23.76 -1.75 0.00	19.67 -1.77 0.00	18.57 -1.69 0.00	16.60 -1.55 0.00	15.10 -1.27 0.00
NM_ST_REGIS___HYD 24053	17.58 0.10 0.00	18.85 0.09 0.00	18.69 0.13 0.00	17.26 0.11 0.00	15.65 0.11 0.00	19.24 0.13 0.00	21.52 0.12 0.00	22.04 0.18 0.00	22.81 0.39 0.00	17.81 0.31 0.00	17.51 0.22 0.00	15.85 0.11 0.00	15.74 0.06 0.00	15.57 -0.02 0.00	16.07 -0.03 0.00	18.42 -0.05 0.00	22.58 0.00 0.00	26.56 0.11 0.00	30.70 0.25 0.00	32.93 0.09 -7.34	31.99 0.03 -10.53	30.48 -0.02 -10.24	20.53 -0.13 -2.51	19.32 -0.11 -3.07
NORTHPORT___1 23551	18.53 1.05 0.00	19.82 1.06 0.00	19.57 1.01 0.00	18.04 0.88 0.00	16.32 0.79 0.00	20.05 0.94 0.00	22.32 0.92 0.00	22.85 0.99 0.00	23.13 0.72 0.00	18.18 0.68 0.00	18.27 0.97 0.00	16.66 0.92 0.00	16.60 0.93 0.00	16.51 0.93 0.00	17.15 1.06 0.00	19.68 1.21 0.00	23.57 0.99 0.00	26.86 1.00 0.59	31.55 1.11 0.01	26.46 0.95 0.00	22.46 1.03 0.00	21.22 0.96 0.00	19.30 1.15 0.00	17.45 1.08 0.00
NORTHPORT___2 23552	18.53 1.05 0.00	19.82 1.06 0.00	19.57 1.01 0.00	18.04 0.88 0.00	16.32 0.79 0.00	20.05 0.94 0.00	22.32 0.92 0.00	22.85 0.99 0.00	23.13 0.72 0.00	18.18 0.68 0.00	18.27 0.97 0.00	16.66 0.92 0.00	16.60 0.93 0.00	16.51 0.93 0.00	17.15 1.06 0.00	19.68 1.21 0.00	23.57 0.99 0.00	26.86 1.00 0.59	31.55 1.11 0.01	26.46 0.95 0.00	22.46 1.03 0.00	21.22 0.96 0.00	19.30 1.15 0.00	17.45 1.08 0.00
NORTHPORT___3 23553	18.39 0.91 0.00	19.67 0.91 0.00	19.42 0.86 0.00	17.89 0.75 0.00	16.19 0.65 0.00	19.88 0.77 0.00	22.10 0.70 0.00	22.58 0.73 0.00	22.90 0.50 0.00	18.05 0.55 0.00	18.12 0.83 0.00	16.53 0.79 0.00	16.47 0.80 0.00	16.39 0.80 0.00	17.02 0.93 0.00	19.49 1.01 0.00	23.31 0.73 0.00	26.63 0.73 0.56	31.27 0.82 0.01	26.21 0.71 0.00	22.24 0.81 0.00	21.02 0.75 0.00	19.16 1.00 0.00	17.32 0.95 0.00
NORTHPORT___4 23650	18.39 0.91 0.00	19.67 0.91 0.00	19.42 0.86 0.00	17.89 0.75 0.00	16.19 0.65 0.00	19.88 0.77 0.00	22.10 0.70 0.00	22.58 0.73 0.00	22.90 0.50 0.00	18.05 0.55 0.00	18.12 0.83 0.00	16.53 0.79 0.00	16.47 0.80 0.00	16.39 0.80 0.00	17.02 0.93 0.00	19.49 1.01 0.00	23.31 0.73 0.00	26.63 0.73 0.56	31.27 0.82 0.01	26.21 0.71 0.00	22.24 0.81 0.00	21.02 0.75 0.00	19.16 1.00 0.00	17.32 0.95 0.00
NORTHPORT___IC 23718	18.53 1.05 0.00	19.82 1.06 0.00	19.58 1.01 0.00	18.04 0.89 0.00	16.32 0.79 0.00	20.05 0.94 0.00	22.32 0.92 0.00	22.85 0.99 0.00	23.13 0.72 0.00	18.18 0.68 0.00	18.27 0.97 0.00	16.66 0.92 0.00	16.60 0.93 0.00	16.51 0.92 0.00	17.15 1.06 0.00	19.68 1.20 0.00	23.57 0.98 0.00	26.86 1.01 0.59	31.56 1.11 0.01	26.46 0.95 0.00	22.46 1.03 0.00	21.22 0.96 0.00	19.30 1.15 0.00	17.45 1.08 0.00
NORTH___COUNTRY_ESR 323785	17.12 -0.36 0.00	18.35 -0.41 0.00	18.26 -0.30 0.00	16.90 -0.25 0.00	15.31 -0.23 0.00	18.73 -0.37 0.00	20.93 -0.48 0.00	21.44 -0.42 0.00	22.27 -0.14 0.00	17.49 -0.01 0.00	17.29 0.01 0.00	15.68 -0.06 0.00	15.55 -0.12 0.00	15.35 -0.23 0.00	15.80 -0.29 0.00	18.10 -0.38 0.00	22.19 -0.39 0.00	25.94 -0.51 0.00	29.83 -0.62 0.00	-6.52 -0.73 31.30	-24.10 -0.62 44.91	-24.00 -0.59 43.68	6.87 -0.59 10.69	2.77 -0.52 13.08
NPX_GEN_1385_PROXY 323591	18.45 0.97 0.00	19.82 1.06 0.00	19.57 1.01 0.00	18.04 0.88 0.00	16.32 0.78 0.00	20.05 0.94 0.00	22.28 0.88 0.00	23.11 1.26 0.00	23.05 0.64 0.00	18.18 0.68 0.00	18.21 0.93 0.00	16.62 0.88 0.00	16.55 0.88 0.00	16.47 0.88 0.00	17.13 1.04 0.00	19.64 1.17 0.00	23.48 0.90 0.00	26.70 0.85 0.59	31.42 0.97 0.01	26.19 0.68 0.00	22.50 1.06 0.00	21.19 0.93 0.00	19.37 1.21 0.00	17.48 1.11 0.00
NPX_GEN_CSC 323557	18.67 1.19 0.00	19.94 1.18 0.00	19.69 1.13 0.00	18.13 0.98 0.00	16.41 0.87 0.00	20.16 1.06 0.00	22.50 1.10 0.00	23.06 1.21 0.00	23.35 0.94 0.00	18.31 0.81 0.00	18.30 1.01 0.00	16.68 0.94 0.00	16.60 0.93 0.00	16.51 0.92 0.00	17.15 1.06 0.00	19.74 1.26 0.00	23.68 1.09 0.00	27.07 1.23 0.61	31.83 1.39 0.01	26.74 1.23 0.00	22.64 1.21 0.00	21.38 1.11 0.00	19.42 1.27 0.00	17.51 1.14 0.00
NSINS_S_GLNS_FALLS 23858	18.17 0.69 0.00	19.45 0.70 0.00	19.30 0.74 0.00	17.82 0.67 0.00	16.13 0.59 0.00	19.87 0.77 0.00	22.30 0.91 0.00	22.79 0.93 0.00	23.30 0.89 0.00	17.98 0.48 0.00	17.67 0.38 0.00	16.10 0.36 0.00	16.02 0.35 0.00	15.94 0.35 0.00	16.49 0.40 0.00	19.04 0.56 0.00	23.58 0.99 0.00	27.64 1.19 0.00	31.84 1.40 0.00	26.70 1.19 0.00	22.53 1.10 0.00	21.30 1.04 0.00	19.05 0.90 0.00	17.01 0.65 0.00
NUCOR_STEEL___DRP 24197	17.32 -0.16 0.00	18.58 -0.17 0.00	18.37 -0.19 0.00	16.96 -0.19 0.00	15.37 -0.16 0.00	18.92 -0.18 0.00	21.19 -0.21 0.00	21.62 -0.23 0.00	22.16 -0.25 0.00	17.25 -0.25 0.00	17.02 -0.27 0.00	15.48 -0.27 0.00	15.42 -0.25 0.00	15.35 -0.24 0.00	15.84 -0.25 0.00	18.19 -0.29 0.00	22.25 -0.34 0.00	26.12 -0.32 0.00	30.17 -0.28 0.00	25.28 -0.23 0.00	21.14 -0.30 0.00	20.00 -0.26 0.00	17.91 -0.24 0.00	16.16 -0.21 0.00
NUMBER_THREE_WT_PWR 323818	17.40 -0.08 0.00	18.71 -0.05 0.00	18.51 -0.05 0.00	17.00 -0.15 0.00	15.56 0.02 0.00	19.28 0.17 0.00	21.54 0.14 0.00	21.88 0.02 0.00	22.47 0.06 0.00	17.49 -0.01 0.00	17.17 -0.12 0.00	15.59 -0.16 0.00	15.44 -0.23 0.00	15.15 -0.44 0.00	15.56 -0.53 0.00	17.89 -0.59 0.00	22.17 -0.41 0.00	26.46 0.01 0.00	31.03 0.57 0.00	26.86 0.07 -1.28	23.06 -0.21 -1.84	21.57 -0.48 -1.79	18.04 -0.55 -0.44	16.37 -0.54 -0.54
NYISO_LBMP_REFERENCE 24008	17.48 0.00 0.00	18.76 0.00 0.00	18.56 0.00 0.00	17.15 0.00 0.00	15.54 0.00 0.00	19.11 0.00 0.00	21.40 0.00 0.00	21.85 0.00 0.00	22.41 0.00 0.00	17.50 0.00 0.00	17.29 0.00 0.00	15.74 0.00 0.00	15.67 0.00 0.00	15.59 0.00 0.00	16.09 0.00 0.00	18.48 0.00 0.00	22.59 0.00 0.00	26.45 0.00 0.00	30.45 0.00 0.00	25.51 0.00 0.00	21.43 0.00 0.00	20.26 0.00 0.00	18.15 0.00 0.00	16.37 0.00 0.00

NYPA_BRENTWD____GT 24164	18.68 1.19 0.00	19.96 1.21 0.00	19.72 1.16 0.00	18.16 1.01 0.00	16.44 0.90 0.00	20.20 1.09 0.00	22.52 1.12 0.00	23.07 1.21 0.00	23.39 0.98 0.00	18.36 0.86 0.00	18.38 1.09 0.00	16.76 1.02 0.00	16.70 1.02 0.00	16.61 1.03 0.00	17.26 1.17 0.00	19.83 1.36 0.00	23.81 1.22 0.00	27.22 1.36 0.59	31.98 1.54 0.01	26.83 1.32 0.00	22.74 1.31 0.00	21.47 1.21 0.00	19.51 1.35 0.00	17.60 1.23 0.00
NYPA_GOWANUS____GT5 24156	18.34 0.86 0.00	19.67 0.90 0.00	19.50 0.93 -0.01	17.98 0.82 -0.01	16.28 0.74 -0.01	20.03 0.92 0.00	22.49 1.09 0.00	23.08 1.22 0.00	23.63 1.22 -0.01	18.46 0.97 0.00	18.30 1.01 0.00	16.73 0.99 0.00	16.68 1.01 0.00	16.56 0.97 0.00	17.14 1.05 0.00	19.73 1.25 0.00	24.00 1.41 0.00	28.14 1.69 0.00	32.32 1.87 0.00	27.07 1.56 0.00	22.86 1.42 0.00	21.59 1.32 0.00	19.37 1.22 0.00	17.45 1.08 0.00
NYPA_GOWANUS____GT6 24157	18.34 0.86 0.00	19.67 0.90 0.00	19.50 0.93 -0.01	17.98 0.82 -0.01	16.28 0.74 -0.01	20.03 0.92 0.00	22.49 1.09 0.00	23.08 1.22 0.00	23.63 1.22 -0.01	18.46 0.97 0.00	18.30 1.01 0.00	16.73 0.99 0.00	16.68 1.01 0.00	16.56 0.97 0.00	17.14 1.05 0.00	19.73 1.25 0.00	24.00 1.41 0.00	28.14 1.69 0.00	32.32 1.87 0.00	27.07 1.56 0.00	22.86 1.42 0.00	21.59 1.32 0.00	19.37 1.22 0.00	17.45 1.08 0.00
NYPA_HARLEM_RVR_GT1 24160	18.33 0.85 0.00	19.64 0.88 0.00	19.44 0.87 -0.01	17.93 0.77 -0.01	16.22 0.68 -0.01	19.97 0.86 0.00	22.42 1.02 0.00	22.94 1.09 0.00	23.50 1.08 -0.01	18.39 0.89 0.00	18.23 0.94 0.00	16.67 0.93 0.00	16.62 0.95 0.00	16.50 0.91 0.00	17.09 0.99 0.00	19.65 1.18 0.00	23.85 1.26 0.00	28.03 1.58 0.00	32.17 1.72 0.00	26.97 1.46 0.00	22.79 1.36 0.00	21.49 1.23 0.00	19.28 1.13 0.00	17.37 1.00 0.00
NYPA_HARLEM_RVR_GT2 24161	18.33 0.85 0.00	19.64 0.88 0.00	19.44 0.87 -0.01	17.93 0.77 -0.01	16.22 0.68 -0.01	19.97 0.86 0.00	22.42 1.02 0.00	22.94 1.09 0.00	23.50 1.08 -0.01	18.39 0.89 0.00	18.23 0.94 0.00	16.67 0.93 0.00	16.62 0.95 0.00	16.50 0.91 0.00	17.09 0.99 0.00	19.65 1.18 0.00	23.85 1.26 0.00	28.03 1.58 0.00	32.17 1.72 0.00	26.97 1.46 0.00	22.79 1.36 0.00	21.49 1.23 0.00	19.28 1.13 0.00	17.37 1.00 0.00
NYPA_KENT____GT 24152	18.36 0.87 0.00	19.67 0.91 0.00	19.49 0.92 -0.01	17.98 0.82 -0.01	16.28 0.73 -0.01	20.02 0.91 0.00	22.47 1.07 0.00	23.06 1.20 0.00	23.62 1.20 -0.01	18.46 0.96 0.00	18.29 1.00 0.00	16.73 0.99 0.00	16.67 1.00 0.00	16.56 0.97 0.00	17.14 1.04 0.00	19.72 1.24 0.00	23.97 1.39 0.00	28.11 1.66 0.00	32.28 1.83 0.00	27.04 1.53 0.00	22.83 1.40 0.00	21.57 1.30 0.00	19.36 1.20 0.00	17.44 1.07 0.00
NYPA_POUCH1____GT 24155	18.27 0.78 0.00	19.61 0.85 0.00	19.53 0.97 -0.01	18.02 0.86 -0.01	16.32 0.78 -0.01	20.09 0.98 0.00	22.57 1.16 0.00	23.14 1.28 0.00	23.63 1.21 -0.01	18.44 0.94 0.00	18.25 0.96 0.00	16.68 0.94 0.00	16.62 0.95 0.00	16.51 0.92 0.00	17.08 0.99 0.00	19.67 1.19 0.00	23.93 1.34 0.00	28.09 1.64 0.00	32.26 1.80 0.00	26.98 1.48 0.00	22.79 1.36 0.00	21.53 1.27 0.00	19.32 1.17 0.00	17.40 1.04 0.00
NYPA_VERNON____GT2 24162	18.38 0.89 0.00	19.68 0.92 0.00	19.49 0.92 -0.01	17.97 0.81 -0.01	16.27 0.72 -0.01	20.00 0.89 0.00	22.45 1.05 0.00	23.03 1.18 0.00	23.60 1.18 -0.01	18.45 0.95 0.00	18.27 0.99 0.00	16.72 0.98 0.00	16.67 0.99 0.00	16.55 0.96 0.00	17.13 1.04 0.00	19.71 1.23 0.00	23.96 1.38 0.00	28.09 1.64 0.00	32.26 1.80 0.00	27.01 1.50 0.00	22.81 1.37 0.00	21.55 1.28 0.00	19.34 1.18 0.00	17.43 1.06 0.00
NYPA_VERNON____GT3 24163	18.38 0.89 0.00	19.68 0.92 0.00	19.49 0.92 -0.01	17.97 0.81 -0.01	16.27 0.72 -0.01	20.00 0.89 0.00	22.45 1.05 0.00	23.03 1.18 0.00	23.60 1.18 -0.01	18.45 0.95 0.00	18.27 0.99 0.00	16.72 0.98 0.00	16.67 0.99 0.00	16.55 0.96 0.00	17.13 1.04 0.00	19.71 1.23 0.00	23.96 1.38 0.00	28.09 1.64 0.00	32.26 1.80 0.00	27.01 1.50 0.00	22.81 1.37 0.00	21.55 1.28 0.00	19.34 1.18 0.00	17.43 1.06 0.00
NYPA____ASTORIA_CC1 323568	18.37 0.89 0.00	19.68 0.92 0.00	19.49 0.92 -0.01	17.97 0.81 -0.01	16.27 0.72 -0.01	20.00 0.89 0.00	22.44 1.04 0.00	23.02 1.17 0.00	23.60 1.18 -0.01	18.44 0.94 0.00	18.27 0.98 0.00	16.71 0.97 0.00	16.66 0.98 0.00	16.54 0.96 0.00	17.12 1.03 0.00	19.70 1.22 0.00	23.92 1.34 0.00	28.05 1.60 0.00	32.20 1.75 0.00	26.97 1.46 0.00	22.78 1.35 0.00	21.51 1.25 0.00	19.32 1.17 0.00	17.41 1.04 0.00
NYPA____ASTORIA_CC2 323569	18.37 0.89 0.00	19.68 0.92 0.00	19.49 0.92 -0.01	17.97 0.81 -0.01	16.27 0.72 -0.01	20.00 0.89 0.00	22.44 1.04 0.00	23.02 1.17 0.00	23.60 1.18 -0.01	18.44 0.94 0.00	18.27 0.98 0.00	16.71 0.97 0.00	16.66 0.98 0.00	16.54 0.96 0.00	17.12 1.03 0.00	19.70 1.22 0.00	23.92 1.34 0.00	28.05 1.60 0.00	32.20 1.75 0.00	26.97 1.46 0.00	22.78 1.35 0.00	21.51 1.25 0.00	19.32 1.17 0.00	17.41 1.04 0.00
NYPA____HOLTSVILL 23794	18.60 1.12 0.00	19.87 1.12 0.00	19.63 1.07 0.00	18.08 0.93 0.00	16.36 0.82 0.00	20.10 1.00 0.00	22.42 1.03 0.00	22.98 1.12 0.00	23.28 0.87 0.00	18.27 0.77 0.00	18.29 1.00 0.00	16.67 0.93 0.00	16.60 0.93 0.00	16.52 0.93 0.00	17.16 1.07 0.00	19.72 1.25 0.00	23.66 1.08 0.00	27.03 1.20 0.62	31.76 1.32 0.01	26.68 1.17 0.00	22.61 1.18 0.00	21.35 1.09 0.00	19.40 1.25 0.00	17.50 1.13 0.00
NYPA____HELLGATE_GT1 24158	18.33 0.85 0.00	19.64 0.88 0.00	19.44 0.87 -0.01	17.93 0.77 -0.01	16.22 0.68 -0.01	19.97 0.86 0.00	22.42 1.02 0.00	22.94 1.09 0.00	23.50 1.08 -0.01	18.39 0.89 0.00	18.23 0.94 0.00	16.67 0.93 0.00	16.62 0.95 0.00	16.50 0.91 0.00	17.09 0.99 0.00	19.65 1.18 0.00	23.85 1.26 0.00	28.03 1.58 0.00	32.17 1.72 0.00	26.97 1.46 0.00	22.79 1.36 0.00	21.49 1.23 0.00	19.28 1.13 0.00	17.36 1.00 0.00
NYPA____HELLGATE_GT2 24159	18.33 0.85 0.00	19.64 0.88 0.00	19.44 0.87 -0.01	17.93 0.77 -0.01	16.22 0.68 -0.01	19.97 0.86 0.00	22.42 1.02 0.00	22.94 1.09 0.00	23.50 1.08 -0.01	18.39 0.89 0.00	18.23 0.94 0.00	16.67 0.93 0.00	16.62 0.95 0.00	16.50 0.91 0.00	17.09 0.99 0.00	19.65 1.18 0.00	23.85 1.26 0.00	28.03 1.58 0.00	32.17 1.72 0.00	26.97 1.46 0.00	22.79 1.36 0.00	21.49 1.23 0.00	19.28 1.13 0.00	17.36 1.00 0.00
NYS_BARGE____HYD 23848	16.71 -0.77 0.00	18.03 -0.73 0.00	17.70 -0.86 0.00	16.32 -0.83 0.00	14.81 -0.73 0.00	18.29 -0.82 0.00	20.56 -0.84 0.00	21.05 -0.81 0.00	21.81 -0.60 0.00	16.98 -0.52 0.00	16.71 -0.58 0.00	15.11 -0.63 0.00	15.10 -0.57 0.00	15.09 -0.50 0.00	15.51 -0.58 0.00	17.75 -0.72 0.00	21.50 -1.09 0.00	24.94 -1.51 0.00	28.80 -1.65 0.00	24.30 -1.21 0.00	20.10 -1.34 0.00	18.97 -1.30 0.00	16.95 -1.20 0.00	15.39 -0.98 0.00

OAK ORCHARD___HYD 24046	17.02 -0.47 0.00	18.31 -0.45 0.00	18.03 -0.54 0.00	16.63 -0.52 0.00	15.09 -0.45 0.00	18.60 -0.50 0.00	20.89 -0.51 0.00	21.37 -0.47 0.01	22.02 -0.39 0.00	17.14 -0.36 0.00	16.87 -0.41 0.00	15.31 -0.43 0.00	15.28 -0.39 0.00	15.27 -0.32 0.00	15.72 -0.37 0.00	18.04 -0.44 0.00	21.97 -0.62 0.00	25.64 -0.81 0.00	29.61 -0.84 0.00	24.91 -0.60 0.00	20.71 -0.73 0.00	19.53 -0.73 0.00	17.45 -0.70 0.00	15.79 -0.58 0.00
OAKDALE___35_KV_LOAD 356122	17.42 -0.06 0.00	18.70 -0.06 0.00	18.48 -0.08 0.00	17.05 -0.10 0.00	15.47 -0.06 0.00	19.04 -0.07 0.00	21.36 -0.04 0.00	21.88 0.02 -0.01	22.43 0.02 0.00	17.46 -0.03 0.00	17.29 0.00 0.00	15.77 0.03 0.00	15.70 0.02 0.00	15.64 0.05 0.00	16.13 0.04 0.00	18.51 0.03 0.00	22.64 0.06 0.00	26.46 0.01 0.00	30.54 0.09 0.00	25.59 0.08 0.00	21.37 -0.06 0.00	20.22 -0.04 0.00	18.10 -0.05 0.00	16.30 -0.07 0.00
OCC_CHEM___DRP 24175	16.44 -1.04 0.00	17.76 -1.00 0.00	17.44 -1.12 0.00	16.08 -1.07 0.00	14.59 -0.95 0.00	18.02 -1.09 0.00	20.23 -1.17 0.00	20.68 -1.16 0.02	21.45 -0.97 0.00	16.72 -0.78 0.00	16.48 -0.81 0.00	14.92 -0.83 0.00	14.93 -0.75 0.00	14.92 -0.67 0.00	15.32 -0.77 0.00	17.52 -0.95 0.00	21.15 -1.44 0.00	24.47 -1.98 0.00	28.20 -2.25 0.00	23.81 -1.70 0.00	19.70 -1.73 0.00	18.61 -1.66 0.00	16.63 -1.52 0.00	15.13 -1.24 0.00
OH_GEN_PROXY 24063	16.57 -0.92 0.00	17.88 -0.87 0.00	17.57 -1.00 0.00	16.20 -0.95 0.00	14.70 -0.84 0.00	18.15 -0.96 0.00	20.39 -1.01 0.00	20.84 -0.97 0.04	21.62 -0.79 0.00	16.84 -0.66 0.00	16.61 -0.68 0.00	15.03 -0.71 0.00	15.03 -0.64 0.00	15.04 -0.55 0.00	15.46 -0.63 0.00	17.70 -0.78 0.00	21.40 -1.18 0.00	24.74 -1.71 0.00	28.53 -1.92 0.00	24.06 -1.45 0.00	19.91 -1.53 0.00	18.81 -1.46 0.00	16.82 -1.34 0.00	15.27 -1.09 0.00
OLIN_CORP_DRP 24177	16.50 -0.98 0.00	17.80 -0.95 0.00	17.48 -1.08 0.00	16.12 -1.03 0.00	14.63 -0.91 0.00	18.07 -1.04 0.00	20.30 -1.10 0.00	20.77 -1.10 -0.01	21.53 -0.88 0.00	16.78 -0.72 0.00	16.52 -0.77 0.00	14.95 -0.79 0.00	14.96 -0.72 0.00	14.94 -0.65 0.00	15.35 -0.75 0.00	17.55 -0.92 0.00	21.22 -1.37 0.00	24.57 -1.88 0.00	28.34 -2.11 0.00	23.93 -1.58 0.00	19.80 -1.64 0.00	18.70 -1.56 0.00	16.72 -1.44 0.00	15.18 -1.19 0.00
OLIN_CORP_DSASP 323712	16.44 -1.04 0.00	17.76 -1.00 0.00	17.44 -1.12 0.00	16.08 -1.07 0.00	14.59 -0.95 0.00	18.02 -1.09 0.00	20.23 -1.17 0.00	20.67 -1.16 0.02	21.45 -0.97 0.00	16.72 -0.78 0.00	16.48 -0.81 0.00	14.90 -0.84 0.00	14.91 -0.76 0.00	14.90 -0.68 0.00	15.32 -0.77 0.00	17.53 -0.95 0.00	21.15 -1.43 0.00	24.46 -1.99 0.00	28.20 -2.25 0.00	23.80 -1.70 0.00	19.70 -1.74 0.00	18.59 -1.67 0.00	16.63 -1.52 0.00	15.12 -1.25 0.00
ONEIDA_HERK_LFGE 323681	17.64 0.16 0.00	18.94 0.19 0.00	18.74 0.18 0.00	17.28 0.13 0.00	15.73 0.19 0.00	19.41 0.30 0.00	21.74 0.34 0.00	22.16 0.31 0.00	22.72 0.31 0.00	17.67 0.17 0.00	17.38 0.09 0.00	15.80 0.06 0.00	15.70 0.02 0.00	15.52 -0.07 0.00	16.00 -0.09 0.00	18.38 -0.10 0.00	22.66 0.08 0.00	26.81 0.36 0.00	31.14 0.69 0.00	26.50 0.41 -0.58	22.49 0.21 -0.84	21.15 0.07 -0.82	18.35 -0.01 -0.20	16.58 -0.03 -0.24
ONEIDA___115KV_TB4 55905	17.75 0.27 0.00	19.04 0.28 0.00	18.84 0.28 0.00	17.39 0.24 0.00	15.78 0.25 0.00	19.47 0.36 0.00	21.85 0.45 0.00	22.32 0.46 0.00	22.83 0.42 0.00	17.70 0.20 0.00	17.41 0.12 0.00	15.83 0.09 0.00	15.76 0.08 0.00	15.65 0.06 0.00	16.16 0.06 0.00	18.55 0.07 0.00	22.83 0.24 0.00	26.94 0.48 0.00	31.21 0.76 0.00	26.09 0.58 0.00	21.83 0.40 0.00	20.59 0.32 0.00	18.40 0.24 0.00	16.57 0.20 0.00
ONONDAGA_REF_OCCRA 23987	17.33 -0.16 0.00	18.59 -0.17 0.00	18.37 -0.19 0.00	16.96 -0.19 0.00	15.38 -0.16 0.00	18.93 -0.18 0.00	21.20 -0.20 0.00	21.63 -0.22 0.00	22.16 -0.25 0.00	17.27 -0.23 0.00	17.05 -0.24 0.00	15.52 -0.22 0.00	15.46 -0.22 0.00	15.39 -0.20 0.00	15.87 -0.22 0.00	18.24 -0.24 0.00	22.32 -0.27 0.00	26.17 -0.28 0.00	30.21 -0.24 0.00	25.31 -0.19 0.00	21.18 -0.25 0.00	20.02 -0.24 0.00	17.93 -0.23 0.00	16.16 -0.20 0.00
ONONDAGA___COGEN 23986	17.29 -0.19 0.00	18.55 -0.20 0.00	18.34 -0.22 0.00	16.94 -0.21 0.00	15.35 -0.19 0.00	18.89 -0.21 0.00	21.14 -0.26 0.00	21.56 -0.29 0.00	22.09 -0.32 0.00	17.23 -0.27 0.00	17.02 -0.27 0.00	15.49 -0.25 0.00	15.43 -0.25 0.00	15.36 -0.23 0.00	15.84 -0.25 0.00	18.20 -0.28 0.00	22.26 -0.33 0.00	26.10 -0.35 0.00	30.11 -0.34 0.00	25.23 -0.28 0.00	21.12 -0.32 0.00	19.96 -0.30 0.00	17.88 -0.28 0.00	16.13 -0.24 0.00
ONTARIO___LFGE 23819	17.32 -0.16 0.00	18.57 -0.18 0.00	18.33 -0.23 0.00	16.90 -0.25 0.00	15.33 -0.21 0.00	18.89 -0.22 0.00	21.22 -0.18 0.00	21.75 -0.11 0.00	22.35 -0.06 0.00	17.32 -0.17 0.00	17.06 -0.23 0.00	15.48 -0.26 0.00	15.40 -0.27 0.00	15.37 -0.22 0.00	15.84 -0.26 0.00	18.20 -0.28 0.00	22.30 -0.28 0.00	26.19 -0.26 0.00	30.36 -0.09 0.00	25.47 -0.03 0.00	21.16 -0.27 0.00	19.99 -0.27 0.00	17.85 -0.30 0.00	16.08 -0.29 0.00
ORANGEVILLE_WT_PWR 323706	16.78 -0.70 0.00	17.99 -0.77 0.00	17.70 -0.86 0.00	16.28 -0.87 0.00	14.73 -0.80 0.00	18.16 -0.95 0.00	20.45 -0.95 0.00	21.11 -0.83 -0.09	21.76 -0.65 0.00	16.96 -0.53 0.00	16.76 -0.52 0.00	15.20 -0.54 0.00	15.11 -0.57 0.00	15.09 -0.50 0.00	15.53 -0.57 0.00	17.79 -0.69 0.00	21.60 -0.98 0.00	25.18 -1.27 0.00	29.03 -1.42 0.00	24.28 -1.23 0.00	20.03 -1.41 0.00	18.93 -1.33 0.00	16.91 -1.24 0.00	15.31 -1.06 0.00
ORANGEVILLE___ESR 323794	16.78 -0.70 0.00	17.99 -0.77 0.00	17.70 -0.86 0.00	16.28 -0.87 0.00	14.73 -0.80 0.00	18.16 -0.95 0.00	20.45 -0.95 0.00	21.11 -0.83 -0.09	21.76 -0.65 0.00	16.96 -0.53 0.00	16.76 -0.52 0.00	15.20 -0.54 0.00	15.11 -0.57 0.00	15.09 -0.50 0.00	15.53 -0.57 0.00	17.79 -0.69 0.00	21.60 -0.98 0.00	25.18 -1.27 0.00	29.03 -1.42 0.00	24.28 -1.23 0.00	20.03 -1.41 0.00	18.93 -1.33 0.00	16.91 -1.24 0.00	15.31 -1.06 0.00
OSWEGATCHIE___HYD 24044	17.53 0.04 0.00	18.81 0.06 0.00	18.62 0.05 0.00	17.15 0.00 0.00	15.63 0.09 0.00	19.30 0.19 0.00	21.58 0.18 0.00	22.00 0.15 0.00	22.66 0.25 0.00	17.62 0.12 0.00	17.30 0.01 0.00	15.67 -0.07 0.00	15.54 -0.13 0.00	15.33 -0.26 0.00	15.77 -0.32 0.00	18.11 -0.36 0.00	22.35 -0.23 0.00	26.52 0.07 0.00	30.90 0.45 0.00	28.60 0.14 -2.95	25.63 -0.03 -4.23	24.21 -0.17 -4.12	18.89 -0.28 -1.01	17.33 -0.27 -1.23
OSWEGO___5 23606	17.04 -0.44 0.00	18.29 -0.47 0.00	18.08 -0.48 0.00	16.70 -0.45 0.00	15.13 -0.40 0.00	18.62 -0.49 0.00	20.83 -0.56 0.00	21.24 -0.62 0.00	21.76 -0.65 0.00	17.00 -0.50 0.00	16.79 -0.49 0.00	15.29 -0.46 0.00	15.22 -0.45 0.00	15.15 -0.44 0.00	15.63 -0.46 0.00	17.95 -0.53 0.00	21.91 -0.67 0.00	25.66 -0.79 0.00	29.58 -0.87 0.00	24.79 -0.72 0.00	20.77 -0.67 0.00	19.63 -0.63 0.00	17.60 -0.56 0.00	15.89 -0.48 0.00

OSWEGO___6 23613	17.04 -0.44 0.00	18.29 -0.47 0.00	18.08 -0.48 0.00	16.70 -0.45 0.00	15.13 -0.40 0.00	18.62 -0.49 0.00	20.83 -0.56 0.00	21.24 -0.62 0.00	21.76 -0.65 0.00	17.00 -0.50 0.00	16.79 -0.49 0.00	15.29 -0.46 0.00	15.22 -0.45 0.00	15.15 -0.44 0.00	15.63 -0.46 0.00	17.95 -0.53 0.00	21.91 -0.67 0.00	25.66 -0.79 0.00	29.58 -0.87 0.00	24.79 -0.72 0.00	20.77 -0.67 0.00	19.63 -0.63 0.00	17.60 -0.56 0.00	15.89 -0.48 0.00
OUTOKUMPU-AB___DRP 24206	16.81 -0.67 0.00	18.13 -0.62 0.00	17.81 -0.75 0.00	16.40 -0.74 0.00	14.90 -0.64 0.00	18.40 -0.71 0.00	20.68 -0.72 0.00	21.21 -0.67 -0.04	21.95 -0.46 0.00	17.09 -0.41 0.00	16.84 -0.45 0.00	15.25 -0.50 0.00	15.24 -0.43 0.00	15.24 -0.35 0.00	15.65 -0.44 0.00	17.91 -0.57 0.00	21.68 -0.91 0.00	25.12 -1.33 0.00	28.99 -1.46 0.00	24.43 -1.07 0.00	20.21 -1.22 0.00	19.09 -1.18 0.00	17.04 -1.11 0.00	15.48 -0.89 0.00
OXBOW___BTM 323836	16.66 -0.82 0.00	17.98 -0.78 0.00	17.65 -0.91 0.00	16.27 -0.88 0.00	14.77 -0.77 0.00	18.23 -0.87 0.00	20.49 -0.91 0.00	20.98 -0.88 -0.01	21.74 -0.67 0.00	16.94 -0.57 0.00	16.69 -0.60 0.00	15.09 -0.65 0.00	15.09 -0.58 0.00	15.09 -0.50 0.00	15.51 -0.58 0.00	17.75 -0.73 0.00	21.45 -1.13 0.00	24.84 -1.61 0.00	28.66 -1.79 0.00	24.17 -1.33 0.00	19.99 -1.44 0.00	18.88 -1.38 0.00	16.87 -1.28 0.00	15.33 -1.04 0.00
OXBOW____ 24026	16.66 -0.82 0.00	17.98 -0.78 0.00	17.65 -0.91 0.00	16.27 -0.88 0.00	14.77 -0.77 0.00	18.23 -0.87 0.00	20.49 -0.91 0.00	20.98 -0.88 -0.01	21.74 -0.67 0.00	16.93 -0.57 0.00	16.69 -0.60 0.00	15.10 -0.64 0.00	15.10 -0.57 0.00	15.11 -0.48 0.00	15.51 -0.58 0.00	17.75 -0.73 0.00	21.45 -1.13 0.00	24.85 -1.60 0.00	28.65 -1.80 0.00	24.17 -1.33 0.00	20.00 -1.43 0.00	18.88 -1.38 0.00	16.87 -1.28 0.00	15.33 -1.04 0.00
OXY_CHEM_DSASP 323612	16.44 -1.04 0.00	17.76 -1.00 0.00	17.44 -1.12 0.00	16.08 -1.07 0.00	14.59 -0.95 0.00	18.02 -1.09 0.00	20.23 -1.17 0.00	20.68 -1.16 0.02	21.45 -0.97 0.00	16.72 -0.78 0.00	16.48 -0.81 0.00	14.92 -0.83 0.00	14.93 -0.75 0.00	14.92 -0.67 0.00	15.32 -0.77 0.00	17.52 -0.95 0.00	21.15 -1.44 0.00	24.47 -1.98 0.00	28.20 -2.25 0.00	23.81 -1.70 0.00	19.70 -1.73 0.00	18.61 -1.66 0.00	16.63 -1.52 0.00	15.13 -1.24 0.00
OZONE_PARK_ESR 323760	18.44 0.96 0.00	19.75 0.99 0.00	19.54 0.98 0.00	18.00 0.85 0.00	16.30 0.77 0.00	20.05 0.95 0.00	22.52 1.12 0.00	23.12 1.26 0.00	23.68 1.27 0.00	18.53 1.02 0.00	18.36 1.07 0.00	16.79 1.05 0.00	16.74 1.07 0.00	16.63 1.04 0.00	17.22 1.12 0.00	19.82 1.34 0.00	24.11 1.52 0.00	28.24 1.79 0.00	32.45 2.00 0.00	27.18 1.68 0.00	22.93 1.50 0.00	21.68 1.41 0.00	19.45 1.29 0.00	17.51 1.15 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	16.44 -1.04 0.00	17.76 -1.00 0.00	17.44 -1.12 0.00	16.08 -1.07 0.00	14.59 -0.95 0.00	18.02 -1.09 0.00	20.23 -1.17 0.00	20.68 -1.16 0.02	21.45 -0.97 0.00	16.72 -0.78 0.00	16.48 -0.81 0.00	14.92 -0.83 0.00	14.93 -0.75 0.00	14.92 -0.67 0.00	15.32 -0.77 0.00	17.52 -0.95 0.00	21.15 -1.44 0.00	24.47 -1.98 0.00	28.20 -2.25 0.00	23.81 -1.70 0.00	19.70 -1.73 0.00	18.61 -1.66 0.00	16.63 -1.52 0.00	15.13 -1.24 0.00
PACKARD__115KV_DUPONT_184 80571	16.44 -1.04 0.00	17.76 -1.00 0.00	17.44 -1.12 0.00	16.08 -1.07 0.00	14.59 -0.95 0.00	18.02 -1.09 0.00	20.23 -1.17 0.00	20.68 -1.16 0.02	21.45 -0.97 0.00	16.72 -0.78 0.00	16.48 -0.81 0.00	14.92 -0.83 0.00	14.93 -0.75 0.00	14.92 -0.67 0.00	15.32 -0.77 0.00	17.52 -0.95 0.00	21.15 -1.44 0.00	24.47 -1.98 0.00	28.20 -2.25 0.00	23.81 -1.70 0.00	19.70 -1.73 0.00	18.61 -1.66 0.00	16.63 -1.52 0.00	15.13 -1.24 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	18.34 0.86 0.00	19.66 0.90 0.00	19.47 0.90 -0.01	17.96 0.80 -0.01	16.26 0.72 -0.01	20.01 0.90 0.00	22.46 1.06 0.00	22.99 1.13 0.00	23.54 1.13 -0.01	18.40 0.90 0.00	18.23 0.94 0.00	16.68 0.93 0.00	16.62 0.95 0.00	16.50 0.91 0.00	17.08 0.99 0.00	19.65 1.17 0.00	23.86 1.28 0.00	28.04 1.60 0.00	32.20 1.75 0.00	26.97 1.46 0.00	22.78 1.34 0.00	21.49 1.22 0.00	19.28 1.13 0.00	17.37 1.00 0.00
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	18.40 0.92 0.00	19.70 0.94 0.00	19.57 1.00 -0.01	18.01 0.85 -0.01	16.33 0.79 -0.01	20.13 1.02 0.00	22.55 1.15 0.00	23.05 1.20 0.00	23.55 1.13 -0.01	18.40 0.90 0.00	18.24 0.94 0.00	16.68 0.94 0.00	16.62 0.95 0.00	16.50 0.91 0.00	17.09 0.99 0.00	19.65 1.18 0.00	23.87 1.28 0.00	28.05 1.60 0.00	32.20 1.75 0.00	26.97 1.46 0.00	22.78 1.35 0.00	21.49 1.22 0.00	19.28 1.13 0.00	17.37 1.00 0.00
PATROON__115KV_TB1 80586	17.76 0.28 0.00	19.01 0.25 0.00	18.83 0.26 0.00	17.40 0.26 0.00	15.75 0.22 0.00	19.38 0.27 0.00	21.73 0.34 0.00	22.21 0.36 0.00	22.72 0.31 0.00	17.75 0.25 0.00	17.51 0.22 0.00	15.97 0.23 0.00	15.90 0.23 0.00	15.82 0.23 0.00	16.36 0.27 0.00	18.81 0.33 0.00	23.04 0.45 0.00	27.01 0.56 0.00	31.04 0.59 0.00	26.01 0.50 0.00	21.93 0.49 0.00	20.75 0.48 0.00	18.60 0.44 0.00	16.71 0.34 0.00
PATTRSNVILLE___SOLAR 323815	18.03 0.55 0.00	19.35 0.59 0.00	19.15 0.59 0.00	17.70 0.55 0.00	16.03 0.50 0.00	19.72 0.61 0.00	22.11 0.71 0.00	22.59 0.73 0.00	23.01 0.60 0.00	17.77 0.27 0.00	17.48 0.19 0.00	15.93 0.19 0.00	15.86 0.19 0.00	15.78 0.19 0.00	16.29 0.20 0.00	18.73 0.26 0.00	23.10 0.51 0.00	27.32 0.87 0.00	31.55 1.10 0.00	26.44 0.93 0.00	22.24 0.81 0.00	21.01 0.75 0.00	18.81 0.66 0.00	16.93 0.56 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	17.04 -0.44 0.00	18.36 -0.40 0.00	18.04 -0.53 0.00	16.62 -0.53 0.00	15.09 -0.45 0.00	18.63 -0.48 0.00	20.96 -0.44 0.00	21.60 -0.35 -0.10	22.25 -0.16 0.00	17.31 -0.19 0.00	17.08 -0.21 0.00	15.49 -0.25 0.00	15.47 -0.21 0.00	15.48 -0.11 0.00	15.90 -0.19 0.00	18.21 -0.27 0.00	22.10 -0.48 0.00	25.61 -0.84 0.00	29.59 -0.86 0.00	24.90 -0.61 0.00	20.58 -0.85 0.00	19.46 -0.80 0.00	17.37 -0.78 0.00	15.73 -0.63 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	18.33 0.84 0.00	19.62 0.86 0.00	19.41 0.85 0.00	17.92 0.77 0.00	16.22 0.69 0.00	19.96 0.86 0.00	22.42 1.02 0.00	23.00 1.14 0.00	23.56 1.15 0.00	18.41 0.91 0.00	18.21 0.92 0.00	16.62 0.88 0.00	16.56 0.89 0.00	16.47 0.88 0.00	17.04 0.95 0.00	19.62 1.14 0.00	23.94 1.35 0.00	28.06 1.61 0.00	32.28 1.83 0.00	27.05 1.54 0.00	22.80 1.36 0.00	21.53 1.27 0.00	19.31 1.16 0.00	17.37 1.00 0.00
PEEKSKILL____ 23653	18.14 0.66 0.00	19.43 0.67 0.00	19.23 0.67 0.00	17.74 0.59 0.00	16.06 0.53 0.00	19.76 0.65 0.00	22.19 0.79 0.00	22.76 0.91 0.00	23.31 0.89 0.00	18.22 0.72 0.00	18.04 0.75 0.00	16.49 0.75 0.00	16.44 0.77 0.00	16.34 0.75 0.00	16.91 0.82 0.00	19.45 0.98 0.00	23.70 1.12 0.00	27.77 1.32 0.00	31.92 1.47 0.00	26.74 1.23 0.00	22.55 1.12 0.00	21.32 1.05 0.00	19.14 0.98 0.00	17.23 0.86 0.00

PGE MADISON___WINDPWR 24146	18.71 1.23 0.00	20.04 1.28 0.00	19.81 1.25 0.00	18.23 1.08 0.00	16.52 0.99 0.00	20.42 1.31 0.00	23.01 1.61 0.00	23.63 1.77 -0.01	24.16 1.74 0.00	18.50 1.00 0.00	18.14 0.85 0.00	16.49 0.75 0.00	16.34 0.67 0.00	16.23 0.64 0.00	16.71 0.61 0.00	19.21 0.74 0.00	23.90 1.32 0.00	28.49 2.04 0.00	33.11 2.66 0.00	27.72 2.21 0.00	23.05 1.62 0.00	21.70 1.44 0.00	19.33 1.17 0.00	17.35 0.98 0.00
PIERCEFIELD___HYD 23852	17.64 0.16 0.00	18.91 0.16 0.00	18.73 0.17 0.00	17.29 0.14 0.00	15.69 0.15 0.00	19.30 0.19 0.00	21.59 0.19 0.00	22.10 0.25 0.00	22.83 0.42 0.00	17.80 0.30 0.00	17.49 0.20 0.00	15.83 0.09 0.00	15.73 0.05 0.00	15.58 -0.01 0.00	16.07 -0.02 0.00	18.44 -0.04 0.00	22.61 0.02 0.00	26.61 0.16 0.00	30.79 0.34 0.00	30.04 0.18 -4.35	27.78 0.10 -6.24	26.37 0.04 -6.07	19.56 -0.08 -1.49	18.13 -0.06 -1.82
PINELAWN_CC_1 323563	18.57 1.09 0.00	19.84 1.08 0.00	19.60 1.04 0.00	18.05 0.90 0.00	16.34 0.80 0.00	20.08 0.98 0.00	22.41 1.01 0.00	22.96 1.10 0.00	23.32 0.91 0.00	18.29 0.79 0.00	18.28 0.98 0.00	16.66 0.92 0.00	16.60 0.93 0.00	16.52 0.93 0.00	17.15 1.06 0.00	19.60 1.12 0.00	23.52 0.93 0.00	26.94 1.01 0.53	31.48 1.03 0.01	26.41 0.91 0.00	22.50 1.06 0.00	21.43 1.16 0.00	19.43 1.28 0.00	17.52 1.15 0.00
PJM_GEN_HTP_PROXY 323702	18.26 0.77 0.00	19.55 0.79 0.00	19.35 0.79 0.00	17.85 0.70 0.00	16.16 0.62 0.00	19.88 0.77 0.00	22.31 0.91 0.00	22.89 1.04 0.00	23.44 1.03 0.00	18.34 0.84 0.00	18.17 0.88 0.00	16.62 0.88 0.00	16.57 0.89 0.00	16.46 0.87 0.00	17.04 0.95 0.00	19.60 1.12 0.00	23.86 1.27 0.00	27.93 1.49 0.00	32.09 1.64 0.00	26.88 1.37 0.00	22.68 1.25 0.00	21.43 1.17 0.00	19.25 1.09 0.00	17.33 0.97 0.00
PJM_GEN_KEystone 24065	17.38 -0.11 0.00	18.66 -0.09 0.00	18.43 -0.12 0.00	16.98 -0.17 0.00	15.42 -0.12 0.00	19.00 -0.10 0.00	21.36 -0.04 0.00	21.95 0.08 -0.02	22.54 0.13 0.00	17.56 0.06 0.00	17.38 0.09 0.00	15.88 0.14 0.00	15.84 0.16 0.00	15.79 0.20 0.00	16.30 0.21 0.00	18.70 0.23 0.00	22.78 0.19 0.00	26.53 0.08 0.00	30.60 0.15 0.00	25.65 0.14 0.00	21.42 -0.02 0.00	20.27 0.01 0.00	18.18 0.03 0.00	16.38 0.02 0.00
PJM_GEN_NEPTUNE_PROXY 323594	18.31 0.82 0.00	19.57 0.82 0.00	19.35 0.79 0.00	17.84 0.69 0.00	16.15 0.61 0.00	19.85 0.74 0.00	22.21 0.81 0.00	22.77 0.91 0.00	23.21 0.80 0.00	18.19 0.69 0.00	18.12 0.83 0.00	16.55 0.81 0.00	16.49 0.82 0.00	16.40 0.81 0.00	17.01 0.92 0.00	19.55 1.07 0.00	23.64 1.06 0.00	26.79 1.19 0.85	31.76 1.32 0.01	26.63 1.12 0.00	22.52 1.09 0.00	21.30 1.04 0.00	19.23 1.07 0.00	17.32 0.95 0.00
PJM_GEN_VFT_PROXY 323633	18.20 0.72 0.00	19.50 0.74 0.00	19.29 0.73 0.00	17.77 0.62 0.00	16.10 0.56 0.00	19.81 0.70 0.00	22.23 0.83 0.00	22.83 0.98 0.00	23.39 0.98 0.00	18.30 0.80 0.00	18.12 0.83 0.00	16.59 0.85 0.00	16.54 0.87 0.00	16.43 0.84 0.00	17.00 0.91 0.00	19.56 1.08 0.00	23.80 1.21 0.00	27.87 1.42 0.00	32.02 1.57 0.00	26.83 1.32 0.00	22.63 1.20 0.00	21.40 1.14 0.00	19.22 1.07 0.00	17.31 0.94 0.00
PLATSBURG_115KV_PMLD1 355749	17.47 -0.02 0.00	18.68 -0.08 0.00	18.63 0.07 0.00	17.26 0.11 0.00	15.53 0.00 0.00	18.92 -0.19 0.00	21.11 -0.29 0.00	21.59 -0.27 0.00	22.39 -0.02 0.00	17.59 0.08 0.00	17.56 0.27 0.00	15.98 0.24 0.00	15.80 0.13 0.00	15.62 0.04 0.00	16.12 0.02 0.00	18.48 0.01 0.00	22.71 0.12 0.00	26.35 -0.09 0.00	30.51 0.06 0.00	-4.31 -0.15 29.67	-21.21 -0.06 42.58	-21.24 -0.09 41.41	7.85 -0.17 10.14	3.74 -0.22 12.40
PLEASANTVLY___LBMP 24000	18.09 0.61 0.00	19.37 0.61 0.00	19.17 0.61 0.00	17.70 0.55 0.00	16.03 0.49 0.00	19.72 0.61 0.00	22.12 0.72 0.00	22.66 0.81 0.00	23.21 0.80 0.00	18.14 0.64 0.00	17.95 0.66 0.00	16.40 0.65 0.00	16.34 0.67 0.00	16.25 0.66 0.00	16.81 0.72 0.00	19.33 0.86 0.00	23.58 0.99 0.00	27.62 1.17 0.00	31.73 1.28 0.00	26.59 1.09 0.00	22.43 1.00 0.00	21.22 0.96 0.00	19.05 0.89 0.00	17.14 0.77 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	18.20 0.72 0.00	19.50 0.74 0.00	19.30 0.74 0.00	17.80 0.65 0.00	16.12 0.58 0.00	19.83 0.73 0.00	22.26 0.86 0.00	22.83 0.98 0.00	23.37 0.96 0.00	18.27 0.77 0.00	18.09 0.80 0.00	16.54 0.80 0.00	16.48 0.81 0.00	16.38 0.79 0.00	16.96 0.86 0.00	19.50 1.02 0.00	23.75 1.16 0.00	27.83 1.38 0.00	32.00 1.55 0.00	26.81 1.30 0.00	22.62 1.18 0.00	21.38 1.11 0.00	19.20 1.04 0.00	17.28 0.91 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	18.20 0.72 0.00	19.50 0.74 0.00	19.30 0.74 0.00	17.80 0.65 0.00	16.12 0.58 0.00	19.83 0.73 0.00	22.26 0.86 0.00	22.83 0.98 0.00	23.37 0.96 0.00	18.27 0.77 0.00	18.09 0.80 0.00	16.54 0.80 0.00	16.48 0.81 0.00	16.38 0.79 0.00	16.96 0.86 0.00	19.50 1.02 0.00	23.75 1.16 0.00	27.83 1.38 0.00	32.00 1.55 0.00	26.81 1.30 0.00	22.62 1.18 0.00	21.38 1.11 0.00	19.20 1.04 0.00	17.28 0.91 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	18.22 0.74 0.00	19.51 0.75 0.00	19.31 0.74 0.00	17.83 0.67 0.00	16.14 0.61 0.00	19.85 0.75 0.00	22.30 0.90 0.00	22.86 1.00 0.00	23.41 1.00 0.00	18.28 0.78 0.00	18.07 0.78 0.00	16.49 0.75 0.00	16.43 0.75 0.00	16.34 0.75 0.00	16.91 0.82 0.00	19.48 1.00 0.00	23.77 1.19 0.00	27.88 1.43 0.00	32.07 1.62 0.00	26.88 1.37 0.00	22.64 1.21 0.00	21.40 1.14 0.00	19.20 1.05 0.00	17.27 0.90 0.00
POLETTI___ 23519	18.26 0.78 0.00	19.56 0.80 0.00	19.37 0.81 0.00	17.87 0.71 0.00	16.18 0.64 0.00	19.90 0.79 0.00	22.33 0.93 0.00	22.92 1.07 0.00	23.47 1.06 0.00	18.36 0.87 0.00	18.19 0.91 0.00	16.64 0.90 0.00	16.59 0.91 0.00	16.46 0.87 0.00	17.04 0.95 0.00	19.61 1.14 0.00	23.86 1.27 0.00	27.96 1.50 0.00	32.10 1.65 0.00	26.88 1.37 0.00	22.69 1.25 0.00	21.44 1.18 0.00	19.25 1.10 0.00	17.36 0.99 0.00
POMONA___ESR 323819	18.05 0.56 0.00	19.35 0.60 0.00	19.15 0.59 0.00	17.66 0.51 0.00	16.00 0.47 0.00	19.70 0.60 0.00	22.13 0.73 0.00	22.72 0.86 0.00	23.26 0.85 0.00	18.17 0.67 0.00	17.98 0.69 0.00	16.45 0.71 0.00	16.40 0.73 0.00	16.31 0.72 0.00	16.87 0.78 0.00	19.40 0.93 0.00	23.67 1.08 0.00	27.73 1.28 0.00	31.89 1.45 0.00	26.71 1.20 0.00	22.50 1.06 0.00	21.27 1.01 0.00	19.10 0.95 0.00	17.19 0.83 0.00
PORT_JEFF_3 23555	18.65 1.17 0.00	19.92 1.17 0.00	19.68 1.12 0.00	18.13 0.98 0.00	16.41 0.87 0.00	20.16 1.05 0.00	22.48 1.08 0.00	23.04 1.19 0.00	23.35 0.94 0.00	18.32 0.82 0.00	18.33 1.04 0.00	16.71 0.97 0.00	16.65 0.97 0.00	16.56 0.97 0.00	17.21 1.11 0.00	19.78 1.30 0.00	23.75 1.16 0.00	27.13 1.29 0.61	31.80 1.35 0.01	26.79 1.29 0.00	22.69 1.26 0.00	21.42 1.16 0.00	19.46 1.31 0.00	17.55 1.18 0.00

PORT_JEFF_4 23616	18.65 1.17 0.00	19.92 1.17 0.00	19.68 1.12 0.00	18.13 0.98 0.00	16.41 0.87 0.00	20.16 1.05 0.00	22.48 1.08 0.00	23.04 1.19 0.00	23.35 0.94 0.00	18.32 0.82 0.00	18.33 1.04 0.00	16.71 0.97 0.00	16.65 0.97 0.00	16.56 0.97 0.00	17.21 1.11 0.00	19.78 1.30 0.00	23.75 1.16 0.00	27.13 1.29 0.61	31.80 1.35 0.01	26.79 1.29 0.00	22.69 1.26 0.00	21.42 1.16 0.00	19.46 1.31 0.00	17.55 1.18 0.00
PORT_JEFF_IC 23713	18.65 1.17 0.00	19.92 1.17 0.00	19.68 1.12 0.00	18.13 0.98 0.00	16.40 0.87 0.00	20.16 1.05 0.00	22.48 1.09 0.00	23.04 1.19 0.00	23.35 0.94 0.00	18.32 0.82 0.00	18.33 1.04 0.00	16.71 0.97 0.00	16.64 0.97 0.00	16.56 0.97 0.00	17.21 1.12 0.00	19.79 1.31 0.00	23.75 1.17 0.00	27.15 1.31 0.61	31.72 1.28 0.01	26.80 1.30 0.00	22.70 1.27 0.00	21.43 1.17 0.00	19.47 1.32 0.00	17.56 1.19 0.00
PPL_PILGRIM_ST_GT1 24216	18.68 1.19 0.00	19.96 1.21 0.00	19.72 1.16 0.00	18.16 1.01 0.00	16.44 0.90 0.00	20.20 1.09 0.00	22.52 1.12 0.00	23.07 1.21 0.00	23.39 0.98 0.00	18.36 0.86 0.00	18.38 1.09 0.00	16.76 1.02 0.00	16.70 1.02 0.00	16.61 1.03 0.00	17.26 1.17 0.00	19.83 1.36 0.00	23.81 1.22 0.00	27.22 1.36 0.59	31.98 1.54 0.01	26.83 1.32 0.00	22.74 1.31 0.00	21.47 1.21 0.00	19.51 1.35 0.00	17.60 1.23 0.00
PPL_PILGRIM_ST_GT2 24217	18.68 1.19 0.00	19.96 1.21 0.00	19.72 1.16 0.00	18.16 1.01 0.00	16.44 0.90 0.00	20.20 1.09 0.00	22.52 1.12 0.00	23.07 1.21 0.00	23.39 0.98 0.00	18.36 0.86 0.00	18.38 1.09 0.00	16.76 1.02 0.00	16.70 1.02 0.00	16.61 1.03 0.00	17.26 1.17 0.00	19.83 1.36 0.00	23.81 1.22 0.00	27.22 1.36 0.59	31.98 1.54 0.01	26.83 1.32 0.00	22.74 1.31 0.00	21.47 1.21 0.00	19.51 1.35 0.00	17.60 1.23 0.00
PPL_SHRM_GT3 24213	18.68 1.20 0.00	19.95 1.19 0.00	19.71 1.14 0.00	18.14 0.99 0.00	16.42 0.88 0.00	20.18 1.07 0.00	22.51 1.11 0.00	23.08 1.22 0.00	23.36 0.95 0.00	18.31 0.81 0.00	18.31 1.02 0.00	16.68 0.94 0.00	16.60 0.93 0.00	16.51 0.92 0.00	17.15 1.06 0.00	19.74 1.26 0.00	23.68 1.09 0.00	27.09 1.25 0.61	31.87 1.43 0.01	26.75 1.24 0.00	22.66 1.22 0.00	21.39 1.12 0.00	19.43 1.28 0.00	17.51 1.14 0.00
PPL_SHRM_GT4 24214	18.68 1.20 0.00	19.95 1.19 0.00	19.71 1.14 0.00	18.14 0.99 0.00	16.42 0.88 0.00	20.18 1.07 0.00	22.51 1.11 0.00	23.08 1.22 0.00	23.36 0.95 0.00	18.31 0.81 0.00	18.31 1.02 0.00	16.68 0.94 0.00	16.60 0.93 0.00	16.51 0.92 0.00	17.15 1.06 0.00	19.74 1.26 0.00	23.68 1.09 0.00	27.09 1.25 0.61	31.87 1.43 0.01	26.75 1.24 0.00	22.66 1.22 0.00	21.39 1.12 0.00	19.43 1.28 0.00	17.51 1.14 0.00
PROJECT___ORANGE 1 24174	17.23 -0.25 0.00	18.48 -0.27 0.00	18.27 -0.30 0.00	16.87 -0.28 0.00	15.29 -0.24 0.00	18.82 -0.29 0.00	21.07 -0.33 0.00	21.50 -0.36 0.00	22.02 -0.39 0.00	17.17 -0.32 0.00	16.97 -0.32 0.00	15.45 -0.29 0.00	15.38 -0.29 0.00	15.32 -0.27 0.00	15.80 -0.29 0.00	18.15 -0.33 0.00	22.20 -0.39 0.00	26.00 -0.45 0.00	30.00 -0.45 0.00	25.13 -0.38 0.00	21.04 -0.39 0.00	19.88 -0.38 0.00	17.81 -0.35 0.00	16.07 -0.30 0.00
PROJECT___ORANGE 2 24166	17.23 -0.25 0.00	18.48 -0.27 0.00	18.27 -0.30 0.00	16.87 -0.28 0.00	15.29 -0.24 0.00	18.82 -0.29 0.00	21.07 -0.33 0.00	21.50 -0.36 0.00	22.02 -0.39 0.00	17.17 -0.32 0.00	16.97 -0.32 0.00	15.45 -0.29 0.00	15.38 -0.29 0.00	15.32 -0.27 0.00	15.80 -0.29 0.00	18.15 -0.33 0.00	22.20 -0.39 0.00	26.00 -0.45 0.00	30.00 -0.45 0.00	25.13 -0.38 0.00	21.04 -0.39 0.00	19.88 -0.38 0.00	17.81 -0.35 0.00	16.07 -0.30 0.00
PUCKETT___SOLAR 323809	17.72 0.24 0.00	19.00 0.25 0.00	18.78 0.22 0.00	17.32 0.16 0.00	15.71 0.17 0.00	19.34 0.23 0.00	21.73 0.33 0.00	22.28 0.41 -0.01	22.80 0.39 0.00	17.65 0.15 0.00	17.39 0.10 0.00	15.84 0.10 0.00	15.73 0.06 0.00	15.66 0.07 0.00	16.15 0.06 0.00	18.57 0.09 0.00	22.85 0.26 0.00	26.88 0.43 0.00	31.10 0.65 0.00	26.06 0.55 0.00	21.76 0.33 0.00	20.55 0.28 0.00	18.37 0.22 0.00	16.52 0.15 0.00
PYRITES___HYD 24023	17.93 0.45 0.00	19.22 0.46 0.00	19.03 0.47 0.00	17.56 0.41 0.00	15.93 0.40 0.00	19.60 0.50 0.00	21.95 0.56 0.00	22.50 0.64 0.00	23.21 0.81 0.00	18.00 0.50 0.00	17.61 0.32 0.00	15.94 0.19 0.00	15.83 0.15 0.00	15.69 0.10 0.00	16.19 0.10 0.00	18.58 0.11 0.00	22.81 0.22 0.00	27.00 0.55 0.00	31.36 0.91 0.00	30.12 0.71 -3.90	27.57 0.54 -5.60	26.15 0.44 -5.44	19.76 0.27 -1.33	18.24 0.24 -1.63
QUAKERRD_115KV_BK1 80622	16.72 -0.76 0.00	17.98 -0.77 0.00	17.72 -0.84 0.00	16.35 -0.80 0.00	14.83 -0.70 0.00	18.29 -0.82 0.00	20.52 -0.87 0.00	20.98 -0.86 0.01	21.61 -0.81 0.00	16.82 -0.68 0.00	16.57 -0.72 0.00	15.04 -0.70 0.00	15.01 -0.66 0.00	14.98 -0.60 0.00	15.43 -0.66 0.00	17.71 -0.77 0.00	21.59 -0.99 0.00	25.24 -1.21 0.00	29.11 -1.34 0.00	24.47 -1.04 0.00	20.37 -1.06 0.00	19.21 -1.05 0.00	17.17 -0.98 0.00	15.53 -0.84 0.00
QUENSBRY_115KV_TB8 356137	18.17 0.69 0.00	19.45 0.69 0.00	19.30 0.74 0.00	17.83 0.68 0.00	16.13 0.59 0.00	19.88 0.77 0.00	22.31 0.91 0.00	22.80 0.95 0.00	23.32 0.90 0.00	17.97 0.47 0.00	17.66 0.37 0.00	16.09 0.35 0.00	16.01 0.34 0.00	15.93 0.34 0.00	16.48 0.39 0.00	19.05 0.57 0.00	23.59 1.00 0.00	27.63 1.18 0.00	31.84 1.39 0.00	26.70 1.19 0.00	22.55 1.11 0.00	21.31 1.05 0.00	19.06 0.91 0.00	17.00 0.63 0.00
RAMAPO___LBMP 323565	18.01 0.52 0.00	19.30 0.55 0.00	19.11 0.55 0.00	17.62 0.47 0.00	15.97 0.43 0.00	19.66 0.55 0.00	22.08 0.68 0.00	22.66 0.81 0.00	23.20 0.79 0.00	18.12 0.62 0.00	17.93 0.64 0.00	16.40 0.66 0.00	16.36 0.68 0.00	16.26 0.67 0.00	16.82 0.73 0.00	19.34 0.87 0.00	23.59 1.00 0.00	27.65 1.20 0.00	31.79 1.34 0.00	26.63 1.12 0.00	22.43 0.99 0.00	21.21 0.95 0.00	19.05 0.89 0.00	17.14 0.78 0.00
RANKINE____ 23646	16.91 -0.58 0.00	18.21 -0.55 0.00	17.88 -0.68 0.00	16.48 -0.67 0.00	14.96 -0.58 0.00	18.46 -0.64 0.00	20.78 -0.62 0.00	21.44 -0.54 -0.12	22.06 -0.35 0.00	17.18 -0.32 0.00	16.95 -0.34 0.00	15.36 -0.39 0.00	15.33 -0.34 0.00	15.34 -0.25 0.00	15.76 -0.33 0.00	18.04 -0.44 0.00	21.87 -0.72 0.00	25.34 -1.11 0.00	29.25 -1.20 0.00	24.61 -0.90 0.00	20.33 -1.10 0.00	19.21 -1.05 0.00	17.14 -1.01 0.00	15.55 -0.82 0.00
RAVENSWOOD_GT2_1 24244	18.31 0.83 0.00	19.61 0.85 0.00	19.41 0.85 0.00	17.89 0.74 0.00	16.20 0.66 0.00	19.93 0.82 0.00	22.37 0.97 0.00	22.96 1.10 0.00	23.51 1.10 0.00	18.39 0.89 0.00	18.22 0.93 0.00	16.66 0.92 0.00	16.61 0.94 0.00	16.50 0.91 0.00	17.08 0.98 0.00	19.65 1.18 0.00	23.90 1.32 0.00	28.01 1.56 0.00	32.17 1.72 0.00	26.94 1.43 0.00	22.74 1.30 0.00	21.49 1.23 0.00	19.29 1.14 0.00	17.38 1.01 0.00

RAVENSWOOD_GT2_2 24245	18.31 0.83 0.00	19.61 0.85 0.00	19.41 0.85 0.00	17.89 0.74 0.00	16.20 0.66 0.00	19.93 0.82 0.00	22.37 0.97 0.00	22.96 1.10 0.00	23.51 1.10 0.00	18.39 0.89 0.00	18.22 0.93 0.00	16.66 0.92 0.00	16.61 0.94 0.00	16.50 0.91 0.00	17.08 0.98 0.00	19.65 1.18 0.00	23.90 1.32 0.00	28.01 1.56 0.00	32.17 1.72 0.00	26.94 1.43 0.00	22.74 1.30 0.00	21.49 1.23 0.00	19.29 1.14 0.00	17.38 1.01 0.00
RAVENSWOOD_GT2_3 24246	18.32 0.83 0.00	19.62 0.86 0.00	19.42 0.86 0.00	17.90 0.75 0.00	16.21 0.67 0.00	19.94 0.83 0.00	22.38 0.98 0.00	22.97 1.11 0.00	23.52 1.12 0.00	18.40 0.90 0.00	18.23 0.94 0.00	16.67 0.93 0.00	16.62 0.95 0.00	16.51 0.92 0.00	17.09 1.00 0.00	19.67 1.19 0.00	23.92 1.34 0.00	28.02 1.57 0.00	32.18 1.74 0.00	26.95 1.45 0.00	22.75 1.31 0.00	21.50 1.24 0.00	19.30 1.15 0.00	17.39 1.02 0.00
RAVENSWOOD_GT2_4 24247	18.32 0.83 0.00	19.62 0.86 0.00	19.42 0.86 0.00	17.90 0.75 0.00	16.21 0.67 0.00	19.94 0.83 0.00	22.38 0.98 0.00	22.97 1.11 0.00	23.52 1.12 0.00	18.40 0.90 0.00	18.23 0.94 0.00	16.67 0.93 0.00	16.62 0.95 0.00	16.51 0.92 0.00	17.09 1.00 0.00	19.67 1.19 0.00	23.92 1.34 0.00	28.02 1.57 0.00	32.18 1.74 0.00	26.95 1.45 0.00	22.75 1.31 0.00	21.50 1.24 0.00	19.30 1.15 0.00	17.39 1.02 0.00
RAVENSWOOD_GT3_1 24248	18.31 0.83 0.00	19.61 0.85 0.00	19.41 0.85 0.00	17.89 0.74 0.00	16.20 0.66 0.00	19.93 0.82 0.00	22.37 0.97 0.00	22.96 1.10 0.00	23.51 1.10 0.00	18.39 0.89 0.00	18.22 0.93 0.00	16.66 0.92 0.00	16.61 0.94 0.00	16.50 0.91 0.00	17.08 0.99 0.00	19.65 1.18 0.00	23.91 1.32 0.00	28.01 1.56 0.00	32.17 1.72 0.00	26.94 1.44 0.00	22.74 1.31 0.00	21.49 1.23 0.00	19.29 1.14 0.00	17.38 1.01 0.00
RAVENSWOOD_GT3_2 24249	18.31 0.83 0.00	19.61 0.85 0.00	19.41 0.85 0.00	17.89 0.74 0.00	16.20 0.66 0.00	19.93 0.82 0.00	22.37 0.97 0.00	22.96 1.10 0.00	23.51 1.10 0.00	18.39 0.89 0.00	18.22 0.93 0.00	16.66 0.92 0.00	16.61 0.94 0.00	16.50 0.91 0.00	17.08 0.99 0.00	19.65 1.18 0.00	23.91 1.32 0.00	28.01 1.56 0.00	32.17 1.72 0.00	26.94 1.44 0.00	22.74 1.31 0.00	21.49 1.23 0.00	19.29 1.14 0.00	17.38 1.01 0.00
RAVENSWOOD_GT3_3 24250	18.33 0.84 0.00	19.63 0.88 0.00	19.43 0.87 0.00	17.91 0.76 0.00	16.21 0.68 0.00	19.94 0.84 0.00	22.39 0.99 0.00	22.98 1.13 0.00	23.53 1.12 0.00	18.40 0.90 0.00	18.22 0.93 0.00	16.66 0.92 0.00	16.62 0.94 0.00	16.50 0.91 0.00	17.08 0.99 0.00	19.65 1.18 0.00	23.91 1.32 0.00	28.01 1.56 0.00	32.17 1.72 0.00	26.94 1.44 0.00	22.74 1.31 0.00	21.49 1.23 0.00	19.30 1.14 0.00	17.38 1.02 0.00
RAVENSWOOD_GT3_4 24251	18.33 0.84 0.00	19.63 0.88 0.00	19.43 0.87 0.00	17.91 0.76 0.00	16.21 0.68 0.00	19.94 0.84 0.00	22.39 0.99 0.00	22.98 1.13 0.00	23.53 1.12 0.00	18.40 0.90 0.00	18.22 0.93 0.00	16.66 0.92 0.00	16.62 0.94 0.00	16.50 0.91 0.00	17.08 0.99 0.00	19.65 1.18 0.00	23.91 1.32 0.00	28.01 1.56 0.00	32.17 1.72 0.00	26.94 1.44 0.00	22.74 1.31 0.00	21.49 1.23 0.00	19.30 1.14 0.00	17.38 1.02 0.00
RAVENSWOOD_GT_1 23729	18.37 0.89 0.00	19.68 0.92 0.00	19.49 0.92 -0.01	17.97 0.81 -0.01	16.27 0.72 -0.01	20.00 0.89 0.00	22.45 1.05 0.00	23.03 1.18 0.00	23.60 1.19 -0.01	18.45 0.95 0.00	18.27 0.99 0.00	16.72 0.97 0.00	16.66 0.99 0.00	16.55 0.96 0.00	17.13 1.04 0.00	19.71 1.24 0.00	23.96 1.37 0.00	28.09 1.64 0.00	32.25 1.80 0.00	27.01 1.50 0.00	22.80 1.37 0.00	21.54 1.28 0.00	19.34 1.18 0.00	17.43 1.06 0.00
RAVENSWOOD_GT_10 24258	18.30 0.82 0.00	19.61 0.85 0.00	19.40 0.84 0.00	17.89 0.74 0.00	16.20 0.66 0.00	19.92 0.82 0.00	22.37 0.97 0.00	22.95 1.10 0.00	23.51 1.10 0.00	18.39 0.89 0.00	18.22 0.93 0.00	16.66 0.92 0.00	16.61 0.94 0.00	16.50 0.91 0.00	17.08 0.98 0.00	19.65 1.18 0.00	23.91 1.32 0.00	28.01 1.56 0.00	32.17 1.72 0.00	26.94 1.43 0.00	22.74 1.31 0.00	21.49 1.23 0.00	19.29 1.14 0.00	17.38 1.01 0.00
RAVENSWOOD_GT_11 24259	18.30 0.82 0.00	19.61 0.85 0.00	19.40 0.84 0.00	17.89 0.74 0.00	16.20 0.66 0.00	19.92 0.82 0.00	22.37 0.97 0.00	22.95 1.10 0.00	23.51 1.10 0.00	18.39 0.89 0.00	18.22 0.93 0.00	16.66 0.92 0.00	16.61 0.94 0.00	16.50 0.91 0.00	17.08 0.98 0.00	19.65 1.18 0.00	23.91 1.32 0.00	28.01 1.56 0.00	32.17 1.72 0.00	26.94 1.43 0.00	22.74 1.31 0.00	21.49 1.23 0.00	19.29 1.14 0.00	17.38 1.01 0.00
RAVENSWOOD_GT_4 24252	18.29 0.81 0.00	19.60 0.84 0.00	19.40 0.83 -0.01	17.88 0.73 -0.01	16.19 0.65 -0.01	19.91 0.80 0.00	22.35 0.95 0.00	22.94 1.09 0.00	23.49 1.08 0.00	18.37 0.87 0.00	18.21 0.92 0.00	16.65 0.91 0.00	16.60 0.93 0.00	16.49 0.90 0.00	17.07 0.97 0.00	19.64 1.16 0.00	23.90 1.32 0.00	27.99 1.54 0.00	32.15 1.70 0.00	26.93 1.42 0.00	22.72 1.29 0.00	21.48 1.22 0.00	19.29 1.13 0.00	17.37 1.01 0.00
RAVENSWOOD_GT_5 24254	18.29 0.81 0.00	19.60 0.84 0.00	19.40 0.83 -0.01	17.88 0.73 -0.01	16.19 0.65 -0.01	19.91 0.80 0.00	22.35 0.95 0.00	22.94 1.09 0.00	23.49 1.08 0.00	18.37 0.87 0.00	18.21 0.92 0.00	16.65 0.91 0.00	16.60 0.93 0.00	16.49 0.90 0.00	17.07 0.97 0.00	19.64 1.16 0.00	23.90 1.32 0.00	27.99 1.54 0.00	32.15 1.70 0.00	26.93 1.42 0.00	22.72 1.29 0.00	21.48 1.22 0.00	19.29 1.13 0.00	17.37 1.01 0.00
RAVENSWOOD_GT_6 24253	18.29 0.81 0.00	19.60 0.84 0.00	19.40 0.83 -0.01	17.88 0.73 -0.01	16.19 0.65 -0.01	19.91 0.80 0.00	22.35 0.95 0.00	22.94 1.09 0.00	23.49 1.08 0.00	18.37 0.87 0.00	18.21 0.92 0.00	16.65 0.91 0.00	16.60 0.93 0.00	16.49 0.90 0.00	17.07 0.97 0.00	19.64 1.16 0.00	23.90 1.32 0.00	27.99 1.54 0.00	32.15 1.70 0.00	26.93 1.42 0.00	22.72 1.29 0.00	21.48 1.22 0.00	19.29 1.13 0.00	17.37 1.01 0.00
RAVENSWOOD_GT_7 24255	18.29 0.81 0.00	19.60 0.84 0.00	19.40 0.83 -0.01	17.88 0.73 -0.01	16.19 0.65 -0.01	19.91 0.80 0.00	22.35 0.95 0.00	22.94 1.09 0.00	23.49 1.08 0.00	18.37 0.87 0.00	18.21 0.92 0.00	16.65 0.91 0.00	16.60 0.93 0.00	16.49 0.90 0.00	17.07 0.97 0.00	19.64 1.16 0.00	23.90 1.32 0.00	27.99 1.54 0.00	32.15 1.70 0.00	26.93 1.42 0.00	22.72 1.29 0.00	21.48 1.22 0.00	19.29 1.13 0.00	17.37 1.01 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	18.30 0.82 0.00	19.61 0.85 0.00	19.40 0.84 0.00	17.89 0.74 0.00	16.20 0.66 0.00	19.92 0.82 0.00	22.37 0.97 0.00	22.95 1.10 0.00	23.51 1.10 0.00	18.39 0.89 0.00	18.22 0.93 0.00	16.66 0.92 0.00	16.61 0.94 0.00	16.50 0.91 0.00	17.08 0.98 0.00	19.65 1.18 0.00	23.91 1.32 0.00	28.01 1.56 0.00	32.17 1.72 0.00	26.94 1.43 0.00	22.74 1.31 0.00	21.49 1.23 0.00	19.29 1.14 0.00	17.38 1.01 0.00

RAVENSWOOD_GT_9 24257	18.30 0.82 0.00	19.61 0.85 0.00	19.40 0.84 0.00	17.89 0.74 0.00	16.20 0.66 0.00	19.92 0.82 0.00	22.37 0.97 0.00	22.95 1.10 0.00	23.51 1.10 0.00	18.39 0.89 0.00	18.22 0.93 0.00	16.66 0.92 0.00	16.61 0.94 0.00	16.50 0.91 0.00	17.08 0.98 0.00	19.65 1.18 0.00	23.91 1.32 0.00	28.01 1.56 0.00	32.17 1.72 0.00	26.94 1.43 0.00	22.74 1.31 0.00	21.49 1.23 0.00	19.29 1.14 0.00	17.38 1.01 0.00
RAVENSWOOD___1 23533	18.38 0.89 0.00	19.68 0.92 0.00	19.49 0.92 -0.01	17.97 0.81 -0.01	16.27 0.72 -0.01	20.00 0.89 0.00	22.45 1.05 0.00	23.03 1.18 0.00	23.60 1.18 -0.01	18.45 0.95 0.00	18.27 0.99 0.00	16.72 0.98 0.00	16.67 0.99 0.00	16.55 0.96 0.00	17.13 1.04 0.00	19.71 1.23 0.00	23.95 1.36 0.00	28.07 1.62 0.00	32.23 1.78 0.00	26.99 1.48 0.00	22.79 1.36 0.00	21.52 1.26 0.00	19.32 1.17 0.00	17.41 1.04 0.00
RAVENSWOOD___2 23534	18.38 0.89 0.00	19.68 0.92 0.00	19.49 0.92 -0.01	17.97 0.81 -0.01	16.27 0.72 -0.01	20.00 0.89 0.00	22.45 1.05 0.00	23.03 1.18 0.00	23.60 1.18 -0.01	18.45 0.95 0.00	18.27 0.99 0.00	16.72 0.98 0.00	16.67 0.99 0.00	16.55 0.96 0.00	17.13 1.04 0.00	19.71 1.23 0.00	23.95 1.36 0.00	28.07 1.62 0.00	32.23 1.78 0.00	26.99 1.48 0.00	22.79 1.36 0.00	21.52 1.26 0.00	19.32 1.17 0.00	17.41 1.04 0.00
RAVENSWOOD___3 23535	18.31 0.83 0.00	19.61 0.86 0.00	19.41 0.85 0.00	17.89 0.74 0.00	16.20 0.67 0.00	19.93 0.82 0.00	22.37 0.97 0.00	22.96 1.10 0.00	23.51 1.10 0.00	18.39 0.89 0.00	18.22 0.93 0.00	16.67 0.93 0.00	16.62 0.94 0.00	16.50 0.91 0.00	17.08 0.99 0.00	19.65 1.18 0.00	23.91 1.32 0.00	28.01 1.56 0.00	32.17 1.72 0.00	26.94 1.44 0.00	22.74 1.31 0.00	21.49 1.23 0.00	19.30 1.15 0.00	17.38 1.02 0.00
RAVENSWOOD___4 23820	18.38 0.89 0.00	19.68 0.92 0.00	19.49 0.92 -0.01	17.97 0.81 -0.01	16.27 0.72 -0.01	20.00 0.89 0.00	22.45 1.05 0.00	23.03 1.18 0.00	23.60 1.18 -0.01	18.45 0.95 0.00	18.27 0.99 0.00	16.72 0.98 0.00	16.67 0.99 0.00	16.55 0.96 0.00	17.13 1.04 0.00	19.71 1.23 0.00	23.95 1.36 0.00	28.07 1.62 0.00	32.23 1.78 0.00	26.99 1.48 0.00	22.79 1.36 0.00	21.52 1.26 0.00	19.32 1.17 0.00	17.41 1.04 0.00
RCPL_TRUST___DRP 24196	18.27 0.79 0.00	19.56 0.81 0.00	19.36 0.81 0.00	17.86 0.71 0.00	16.18 0.64 0.00	19.89 0.78 0.00	22.33 0.93 0.00	22.91 1.06 0.00	23.46 1.06 0.00	18.35 0.86 0.00	18.19 0.90 0.00	16.63 0.89 0.00	16.59 0.91 0.00	16.48 0.89 0.00	17.05 0.96 0.00	19.62 1.15 0.00	23.88 1.29 0.00	27.96 1.51 0.00	32.13 1.68 0.00	26.91 1.40 0.00	22.70 1.27 0.00	21.45 1.19 0.00	19.26 1.11 0.00	17.35 0.98 0.00
RED___ROCHESTER 323720	17.10 -0.38 0.00	18.40 -0.36 0.00	18.11 -0.45 0.00	16.71 -0.44 0.00	15.15 -0.38 0.00	18.69 -0.42 0.00	20.99 -0.41 0.00	21.48 -0.36 0.01	22.14 -0.27 0.00	17.22 -0.28 0.00	16.96 -0.33 0.00	15.39 -0.36 0.00	15.37 -0.30 0.00	15.35 -0.24 0.00	15.81 -0.28 0.00	18.14 -0.34 0.00	22.10 -0.48 0.00	25.82 -0.63 0.00	29.81 -0.64 0.00	25.07 -0.44 0.00	20.84 -0.59 0.00	19.65 -0.61 0.00	17.56 -0.60 0.00	15.88 -0.49 0.00
REGAN___SOLAR 323812	18.46 0.98 0.00	19.82 1.06 0.00	19.60 1.04 0.00	18.11 0.96 0.00	16.41 0.87 0.00	20.21 1.10 0.00	22.67 1.27 0.00	23.16 1.31 0.00	23.41 1.00 0.00	17.71 0.21 0.00	17.30 0.01 0.00	15.80 0.05 0.00	15.73 0.06 0.00	15.63 0.04 0.00	16.12 0.03 0.00	18.51 0.03 0.00	23.08 0.50 0.00	27.85 1.40 0.00	32.45 2.00 0.00	27.21 1.70 0.00	22.83 1.39 0.00	21.52 1.26 0.00	19.23 1.07 0.00	17.29 0.92 0.00
RENSSELAER___COGEN 23796	17.68 0.20 0.00	18.92 0.16 0.00	18.72 0.16 0.00	17.32 0.17 0.00	15.68 0.14 0.00	19.28 0.18 0.00	21.63 0.23 0.00	22.10 0.24 0.00	22.61 0.20 0.00	17.67 0.16 0.00	17.43 0.14 0.00	15.90 0.16 0.00	15.83 0.16 0.00	15.75 0.16 0.00	16.28 0.19 0.00	18.71 0.24 0.00	22.90 0.32 0.00	26.84 0.39 0.00	30.85 0.40 0.00	25.86 0.35 0.00	21.81 0.37 0.00	20.63 0.37 0.00	18.50 0.35 0.00	16.63 0.26 0.00
REPUBLIC_115KV_BARTNBRK 55605	19.07 1.59 0.00	20.37 1.61 0.00	20.32 1.76 0.00	18.74 1.59 0.00	16.93 1.39 0.00	20.94 1.84 0.00	23.56 2.16 0.00	24.06 2.20 0.00	24.55 2.14 0.00	18.66 1.16 0.00	18.31 1.02 0.00	16.69 0.95 0.00	16.62 0.94 0.00	16.56 0.97 0.00	17.16 1.06 0.00	19.96 1.48 0.00	24.82 2.23 0.00	28.89 2.44 0.00	33.40 2.96 0.00	28.00 2.50 0.00	23.80 2.36 0.00	22.54 2.28 0.00	20.10 1.95 0.00	17.71 1.35 0.00
REVERE_CPPR_DRP 24186	17.85 0.37 0.00	19.17 0.41 0.00	18.96 0.39 0.00	17.51 0.36 0.00	15.91 0.37 0.00	19.61 0.50 0.00	22.00 0.60 0.00	22.46 0.61 0.00	22.99 0.58 0.00	17.81 0.31 0.00	17.49 0.20 0.00	15.89 0.15 0.00	15.82 0.14 0.00	15.67 0.08 0.00	16.18 0.09 0.00	18.57 0.10 0.00	22.91 0.32 0.00	27.14 0.68 0.00	31.50 1.05 0.00	26.30 0.79 0.00	21.98 0.55 0.00	20.70 0.43 0.00	18.47 0.31 0.00	16.63 0.26 0.00
REYNOLDS_115KV_TB3 80639	17.82 0.33 0.00	19.07 0.32 0.00	18.89 0.33 0.00	17.48 0.33 0.00	15.81 0.28 0.00	19.46 0.36 0.00	21.82 0.42 0.00	22.29 0.44 0.00	22.81 0.40 0.00	17.81 0.31 0.00	17.57 0.28 0.00	16.02 0.27 0.00	15.94 0.27 0.00	15.87 0.28 0.00	16.40 0.31 0.00	18.85 0.38 0.00	23.10 0.52 0.00	27.05 0.60 0.00	31.07 0.62 0.00	26.05 0.54 0.00	21.98 0.55 0.00	20.81 0.55 0.00	18.67 0.52 0.00	16.77 0.40 0.00
RIVERBAY____ 323610	18.40 0.92 0.00	19.70 0.94 0.00	19.57 1.00 -0.01	18.01 0.85 -0.01	16.33 0.79 -0.01	20.13 1.02 0.00	22.55 1.15 0.00	23.05 1.20 0.00	23.55 1.13 -0.01	18.40 0.90 0.00	18.24 0.94 0.00	16.68 0.94 0.00	16.62 0.95 0.00	16.50 0.91 0.00	17.09 0.99 0.00	19.65 1.18 0.00	23.87 1.28 0.00	28.05 1.60 0.00	32.20 1.75 0.00	26.97 1.46 0.00	22.78 1.35 0.00	21.49 1.22 0.00	19.28 1.13 0.00	17.37 1.00 0.00
RIVERSDE_115KV_TB3 55908	17.76 0.27 0.00	19.00 0.25 0.00	18.81 0.25 0.00	17.40 0.25 0.00	15.75 0.21 0.00	19.38 0.27 0.00	21.73 0.33 0.00	22.21 0.35 0.00	22.72 0.31 0.00	17.75 0.25 0.00	17.51 0.22 0.00	15.97 0.23 0.00	15.89 0.22 0.00	15.82 0.23 0.00	16.35 0.26 0.00	18.80 0.32 0.00	23.02 0.44 0.00	26.97 0.52 0.00	30.98 0.53 0.00	25.98 0.47 0.00	21.91 0.48 0.00	20.73 0.47 0.00	18.60 0.44 0.00	16.71 0.34 0.00
ROARING___BROOK_WT_PWR 323790	17.10 -0.38 0.00	18.37 -0.38 0.00	18.23 -0.33 0.00	16.80 -0.36 0.00	15.23 -0.31 0.00	18.83 -0.27 0.00	21.01 -0.39 0.00	21.41 -0.44 0.00	22.12 -0.29 0.00	17.38 -0.12 0.00	17.14 -0.15 0.00	15.59 -0.16 0.00	15.48 -0.19 0.00	15.29 -0.30 0.00	15.80 -0.29 0.00	18.14 -0.34 0.00	22.17 -0.42 0.00	25.99 -0.46 0.00	29.85 -0.60 0.00	24.77 -0.74 0.00	20.66 -0.78 0.00	19.43 -0.83 0.00	17.39 -0.76 0.00	15.71 -0.66 0.00

ROCHESRG_115KV_T4 355643	16.96 -0.53 0.00	18.25 -0.51 0.00	17.97 -0.59 0.00	16.58 -0.57 0.00	15.04 -0.50 0.00	18.54 -0.56 0.00	20.82 -0.58 0.00	21.29 -0.55 0.01	21.95 -0.46 0.00	17.09 -0.41 0.00	16.83 -0.46 0.00	15.27 -0.47 0.00	15.26 -0.42 0.00	15.23 -0.35 0.00	15.68 -0.41 0.00	17.99 -0.49 0.00	21.90 -0.69 0.00	25.54 -0.91 0.00	29.48 -0.96 0.00	24.80 -0.71 0.00	20.62 -0.81 0.00	19.45 -0.81 0.00	17.39 -0.76 0.00	15.73 -0.64 0.00
ROCHESTER_9_IC 23652	17.04 -0.45 0.00	18.33 -0.43 0.00	18.05 -0.51 0.00	16.65 -0.50 0.00	15.10 -0.44 0.00	18.63 -0.48 0.00	20.91 -0.49 0.00	21.39 -0.45 0.01	22.05 -0.36 0.00	17.16 -0.34 0.00	16.90 -0.39 0.00	15.34 -0.40 0.00	15.32 -0.36 0.00	15.30 -0.29 0.00	15.75 -0.34 0.00	18.07 -0.41 0.00	22.00 -0.58 0.00	25.69 -0.76 0.00	29.66 -0.79 0.00	24.95 -0.56 0.00	20.74 -0.69 0.00	19.56 -0.71 0.00	17.48 -0.67 0.00	15.81 -0.56 0.00
ROCKVIEW_13_KV_LD 356306	18.29 0.81 0.00	19.57 0.82 0.00	19.36 0.80 0.00	17.85 0.70 0.00	16.16 0.63 0.00	19.88 0.78 0.00	22.32 0.92 0.00	22.90 1.05 0.00	23.45 1.04 0.00	18.35 0.85 0.00	18.18 0.89 0.00	16.62 0.88 0.00	16.57 0.89 0.00	16.47 0.88 0.00	17.05 0.96 0.00	19.61 1.13 0.00	23.89 1.30 0.00	27.97 1.52 0.00	32.14 1.69 0.00	26.94 1.43 0.00	22.72 1.29 0.00	21.48 1.21 0.00	19.29 1.13 0.00	17.36 0.99 0.00
ROME____115KV_TB2 80656	17.85 0.37 0.00	19.17 0.41 0.00	18.96 0.39 0.00	17.51 0.36 0.00	15.91 0.37 0.00	19.61 0.50 0.00	22.00 0.60 0.00	22.46 0.61 0.00	22.99 0.58 0.00	17.81 0.31 0.00	17.49 0.20 0.00	15.89 0.15 0.00	15.82 0.14 0.00	15.67 0.08 0.00	16.18 0.09 0.00	18.57 0.10 0.00	22.91 0.32 0.00	27.14 0.68 0.00	31.50 1.05 0.00	26.30 0.79 0.00	21.98 0.55 0.00	20.70 0.43 0.00	18.47 0.31 0.00	16.63 0.26 0.00
ROSETON___1 23587	18.06 0.58 0.00	19.35 0.59 0.00	19.15 0.59 0.00	17.68 0.53 0.00	16.01 0.48 0.00	19.70 0.59 0.00	22.10 0.70 0.00	22.65 0.79 0.00	23.19 0.78 0.00	18.12 0.62 0.00	17.94 0.65 0.00	16.39 0.65 0.00	16.33 0.66 0.00	16.24 0.65 0.00	16.80 0.71 0.00	19.31 0.84 0.00	23.56 0.97 0.00	27.59 1.14 0.00	31.72 1.27 0.00	26.58 1.07 0.00	22.41 0.98 0.00	21.20 0.93 0.00	19.03 0.87 0.00	17.12 0.76 0.00
ROSETON___2 23588	18.06 0.58 0.00	19.35 0.59 0.00	19.15 0.59 0.00	17.68 0.53 0.00	16.01 0.48 0.00	19.70 0.59 0.00	22.10 0.70 0.00	22.65 0.79 0.00	23.19 0.78 0.00	18.12 0.62 0.00	17.94 0.65 0.00	16.39 0.65 0.00	16.33 0.66 0.00	16.24 0.65 0.00	16.80 0.71 0.00	19.31 0.84 0.00	23.56 0.97 0.00	27.59 1.14 0.00	31.72 1.27 0.00	26.58 1.07 0.00	22.41 0.98 0.00	21.20 0.93 0.00	19.03 0.87 0.00	17.12 0.76 0.00
ROTRDAM_115KV_TB3 80664	17.89 0.41 0.00	19.19 0.43 0.00	19.00 0.44 0.00	17.56 0.41 0.00	15.91 0.37 0.00	19.56 0.45 0.00	21.93 0.53 0.00	22.40 0.55 0.00	22.91 0.50 0.00	17.80 0.30 0.00	17.56 0.27 0.00	15.99 0.25 0.00	15.93 0.25 0.00	15.84 0.26 0.00	16.37 0.28 0.00	18.81 0.34 0.00	23.11 0.53 0.00	27.16 0.71 0.00	31.28 0.83 0.00	26.21 0.70 0.00	22.07 0.63 0.00	20.86 0.60 0.00	18.70 0.54 0.00	16.81 0.45 0.00
RUSSELL___1 23602	17.10 -0.38 0.00	18.40 -0.36 0.00	18.11 -0.45 0.00	16.71 -0.44 0.00	15.15 -0.38 0.00	18.69 -0.42 0.00	20.99 -0.41 0.00	21.48 -0.36 0.01	22.14 -0.27 0.00	17.22 -0.28 0.00	16.96 -0.33 0.00	15.39 -0.35 0.00	15.38 -0.30 0.00	15.36 -0.23 0.00	15.81 -0.28 0.00	18.14 -0.34 0.00	22.10 -0.48 0.00	25.82 -0.63 0.00	29.81 -0.64 0.00	25.08 -0.43 0.00	20.84 -0.59 0.00	19.65 -0.61 0.00	17.56 -0.60 0.00	15.88 -0.49 0.00
RUSSELL___2 23532	17.10 -0.38 0.00	18.40 -0.36 0.00	18.11 -0.45 0.00	16.71 -0.44 0.00	15.15 -0.38 0.00	18.69 -0.42 0.00	20.99 -0.41 0.00	21.48 -0.36 0.01	22.14 -0.27 0.00	17.22 -0.28 0.00	16.96 -0.33 0.00	15.39 -0.35 0.00	15.38 -0.30 0.00	15.36 -0.23 0.00	15.81 -0.28 0.00	18.14 -0.34 0.00	22.10 -0.48 0.00	25.82 -0.63 0.00	29.81 -0.64 0.00	25.08 -0.43 0.00	20.84 -0.59 0.00	19.65 -0.61 0.00	17.56 -0.60 0.00	15.88 -0.49 0.00
RUSSELL___3 23549	17.10 -0.38 0.00	18.40 -0.36 0.00	18.11 -0.45 0.00	16.71 -0.44 0.00	15.15 -0.38 0.00	18.69 -0.42 0.00	20.99 -0.41 0.00	21.48 -0.36 0.01	22.14 -0.27 0.00	17.22 -0.28 0.00	16.96 -0.33 0.00	15.39 -0.35 0.00	15.38 -0.30 0.00	15.36 -0.23 0.00	15.81 -0.28 0.00	18.14 -0.34 0.00	22.10 -0.48 0.00	25.82 -0.63 0.00	29.81 -0.64 0.00	25.08 -0.43 0.00	20.84 -0.59 0.00	19.65 -0.61 0.00	17.56 -0.60 0.00	15.88 -0.49 0.00
RUSSELL___4 23556	17.10 -0.38 0.00	18.40 -0.36 0.00	18.11 -0.45 0.00	16.71 -0.44 0.00	15.15 -0.38 0.00	18.69 -0.42 0.00	20.99 -0.41 0.00	21.48 -0.36 0.01	22.14 -0.27 0.00	17.22 -0.28 0.00	16.96 -0.33 0.00	15.39 -0.35 0.00	15.38 -0.30 0.00	15.36 -0.23 0.00	15.81 -0.28 0.00	18.14 -0.34 0.00	22.10 -0.48 0.00	25.82 -0.63 0.00	29.81 -0.64 0.00	25.08 -0.43 0.00	20.84 -0.59 0.00	19.65 -0.61 0.00	17.56 -0.60 0.00	15.88 -0.49 0.00
RUSSELL___STATION 23914	17.10 -0.38 0.00	18.40 -0.36 0.00	18.11 -0.45 0.00	16.71 -0.44 0.00	15.15 -0.38 0.00	18.69 -0.42 0.00	20.99 -0.41 0.00	21.48 -0.36 0.01	22.14 -0.27 0.00	17.22 -0.28 0.00	16.96 -0.33 0.00	15.39 -0.35 0.00	15.38 -0.30 0.00	15.36 -0.23 0.00	15.81 -0.28 0.00	18.14 -0.34 0.00	22.10 -0.48 0.00	25.82 -0.63 0.00	29.81 -0.64 0.00	25.08 -0.43 0.00	20.84 -0.59 0.00	19.65 -0.61 0.00	17.56 -0.60 0.00	15.88 -0.49 0.00
S SALMON___HYD 24043	17.15 -0.33 0.00	18.41 -0.35 0.00	18.19 -0.38 0.00	16.78 -0.37 0.00	15.27 -0.27 0.00	18.83 -0.27 0.00	21.02 -0.37 0.00	21.37 -0.49 0.00	21.92 -0.49 0.00	17.10 -0.40 0.00	16.84 -0.45 0.00	15.30 -0.44 0.00	15.20 -0.48 0.00	15.04 -0.55 0.00	15.49 -0.61 0.00	17.80 -0.68 0.00	21.88 -0.71 0.00	25.81 -0.64 0.00	30.02 -0.43 0.00	25.01 -0.50 0.00	20.88 -0.55 0.00	19.72 -0.54 0.00	17.61 -0.54 0.00	15.87 -0.50 0.00
S.PERRY__115KV_TB1 80734	17.44 -0.05 0.00	18.69 -0.06 0.00	18.40 -0.16 0.00	16.96 -0.19 0.00	15.35 -0.19 0.00	18.91 -0.19 0.00	21.28 -0.12 0.00	21.92 0.04 -0.03	22.63 0.21 0.00	17.43 -0.07 0.00	17.05 -0.24 0.00	15.48 -0.27 0.00	15.41 -0.27 0.00	15.38 -0.21 0.00	15.83 -0.26 0.00	18.16 -0.32 0.00	22.16 -0.43 0.00	26.07 -0.38 0.00	30.47 0.02 0.00	25.58 0.08 0.00	21.14 -0.29 0.00	19.91 -0.35 0.00	17.75 -0.40 0.00	16.02 -0.35 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	16.75 -0.73 0.00	18.06 -0.69 0.00	17.73 -0.83 0.00	16.35 -0.80 0.00	14.84 -0.70 0.00	18.32 -0.78 0.00	20.60 -0.80 0.00	20.94 -0.74 0.18	21.86 -0.55 0.00	17.03 -0.47 0.00	16.79 -0.50 0.00	15.21 -0.53 0.00	15.20 -0.47 0.00	15.21 -0.37 0.00	15.62 -0.47 0.00	17.88 -0.60 0.00	21.65 -0.94 0.00	25.06 -1.39 0.00	28.90 -1.55 0.00	24.36 -1.15 0.00	20.14 -1.30 0.00	19.02 -1.24 0.00	16.99 -1.17 0.00	15.42 -0.95 0.00

SAWYER___23_KV_LOAD 55526	16.75 -0.73 0.00	18.06 -0.69 0.00	17.73 -0.83 0.00	16.35 -0.80 0.00	14.84 -0.70 0.00	18.32 -0.78 0.00	20.60 -0.80 0.00	20.94 -0.74 0.18	21.86 -0.55 0.00	17.03 -0.47 0.00	16.79 -0.50 0.00	15.21 -0.53 0.00	15.20 -0.47 0.00	15.21 -0.37 0.00	15.62 -0.47 0.00	17.88 -0.60 0.00	21.65 -0.94 0.00	25.06 -1.39 0.00	28.90 -1.55 0.00	24.36 -1.15 0.00	20.14 -1.30 0.00	19.02 -1.24 0.00	16.99 -1.17 0.00	15.42 -0.95 0.00
SELKIRK___I 23801	17.80 0.32 0.00	19.07 0.31 0.00	18.87 0.31 0.00	17.48 0.32 0.00	15.82 0.28 0.00	19.45 0.35 0.00	21.81 0.41 0.00	22.26 0.41 0.00	22.74 0.32 0.00	17.69 0.19 0.00	17.43 0.14 0.00	15.90 0.16 0.00	15.83 0.16 0.00	15.75 0.17 0.00	16.27 0.18 0.00	18.70 0.22 0.00	22.97 0.38 0.00	26.99 0.54 0.00	31.06 0.61 0.00	26.02 0.52 0.00	21.94 0.51 0.00	20.76 0.49 0.00	18.61 0.46 0.00	16.75 0.38 0.00
SELKIRK___II 23799	17.74 0.25 0.00	18.98 0.23 0.00	18.79 0.23 0.00	17.39 0.24 0.00	15.74 0.20 0.00	19.36 0.25 0.00	21.71 0.31 0.00	22.18 0.33 0.00	22.69 0.28 0.00	17.71 0.22 0.00	17.48 0.19 0.00	15.94 0.19 0.00	15.87 0.19 0.00	15.78 0.19 0.00	16.31 0.22 0.00	18.75 0.27 0.00	22.95 0.37 0.00	26.92 0.47 0.00	30.96 0.51 0.00	25.95 0.44 0.00	21.88 0.44 0.00	20.69 0.43 0.00	18.56 0.40 0.00	16.68 0.31 0.00
SENECA OSWGO___HYD 24041	17.10 -0.38 0.00	18.36 -0.40 0.00	18.14 -0.42 0.00	16.76 -0.39 0.00	15.19 -0.35 0.00	18.69 -0.42 0.00	20.91 -0.49 0.00	21.32 -0.54 0.00	21.83 -0.58 0.00	17.03 -0.47 0.00	16.81 -0.48 0.00	15.30 -0.44 0.00	15.23 -0.45 0.00	15.15 -0.44 0.00	15.63 -0.46 0.00	17.96 -0.52 0.00	21.93 -0.65 0.00	25.75 -0.70 0.00	29.74 -0.72 0.00	24.92 -0.59 0.00	20.87 -0.57 0.00	19.72 -0.55 0.00	17.67 -0.49 0.00	15.94 -0.42 0.00
SENECA___115KV_TB3 355854	16.93 -0.55 0.00	18.24 -0.52 0.00	17.91 -0.65 0.00	16.50 -0.65 0.00	14.98 -0.56 0.00	18.49 -0.61 0.00	20.81 -0.59 0.00	21.47 -0.51 -0.12	22.10 -0.31 0.00	17.20 -0.30 0.00	16.97 -0.32 0.00	15.38 -0.36 0.00	15.36 -0.31 0.00	15.36 -0.23 0.00	15.77 -0.32 0.00	18.07 -0.41 0.00	21.90 -0.69 0.00	25.37 -1.08 0.00	29.30 -1.15 0.00	24.65 -0.86 0.00	20.36 -1.07 0.00	19.24 -1.02 0.00	17.17 -0.99 0.00	15.57 -0.80 0.00
SENECA___ENERGY 23797	17.16 -0.32 0.00	18.40 -0.35 0.00	18.17 -0.39 0.00	16.77 -0.38 0.00	15.20 -0.34 0.00	18.71 -0.40 0.00	21.00 -0.40 0.00	21.48 -0.37 0.00	22.07 -0.34 0.00	17.16 -0.34 0.00	16.91 -0.38 0.00	15.36 -0.38 0.00	15.29 -0.39 0.00	15.24 -0.35 0.00	15.71 -0.38 0.00	18.04 -0.44 0.00	22.08 -0.51 0.00	25.93 -0.52 0.00	30.00 -0.45 0.00	25.16 -0.35 0.00	20.96 -0.47 0.00	19.79 -0.47 0.00	17.70 -0.45 0.00	15.96 -0.41 0.00
SHOEMAKER___GT 23640	18.02 0.54 0.00	19.32 0.56 0.00	19.12 0.56 0.00	17.65 0.50 0.00	15.99 0.45 0.00	19.67 0.56 0.00	22.08 0.68 0.00	22.63 0.77 0.00	23.17 0.75 0.00	18.06 0.56 0.00	17.85 0.56 0.00	16.29 0.55 0.00	16.23 0.56 0.00	16.14 0.55 0.00	16.69 0.60 0.00	19.19 0.72 0.00	23.45 0.86 0.00	27.53 1.08 0.00	31.71 1.26 0.00	26.56 1.06 0.00	22.37 0.94 0.00	21.14 0.88 0.00	18.97 0.82 0.00	17.07 0.70 0.00
SHOEMAKR_138KV_BK 111 55601	18.01 0.52 0.00	19.30 0.55 0.00	19.11 0.55 0.00	17.64 0.48 0.00	15.98 0.44 0.00	19.66 0.55 0.00	22.07 0.67 0.00	22.61 0.76 0.00	23.16 0.74 0.00	18.06 0.56 0.00	17.86 0.57 0.00	16.30 0.56 0.00	16.25 0.57 0.00	16.16 0.57 0.00	16.71 0.62 0.00	19.21 0.73 0.00	23.46 0.87 0.00	27.53 1.08 0.00	31.69 1.24 0.00	26.55 1.04 0.00	22.36 0.92 0.00	21.13 0.87 0.00	18.96 0.81 0.00	17.07 0.70 0.00
SHOREHAM_IC_1 23715	18.68 1.20 0.00	19.95 1.19 0.00	19.71 1.14 0.00	18.14 0.99 0.00	16.42 0.88 0.00	20.18 1.07 0.00	22.51 1.11 0.00	23.08 1.22 0.00	23.36 0.95 0.00	18.31 0.81 0.00	18.31 1.02 0.00	16.68 0.94 0.00	16.60 0.93 0.00	16.51 0.92 0.00	17.15 1.06 0.00	19.74 1.26 0.00	23.68 1.09 0.00	27.09 1.25 0.61	31.87 1.43 0.01	26.75 1.24 0.00	22.66 1.22 0.00	21.39 1.12 0.00	19.43 1.28 0.00	17.51 1.14 0.00
SHOREHAM_IC_2 23716	18.68 1.20 0.00	19.95 1.19 0.00	19.71 1.14 0.00	18.14 0.99 0.00	16.42 0.88 0.00	20.18 1.07 0.00	22.51 1.11 0.00	23.08 1.22 0.00	23.36 0.95 0.00	18.31 0.81 0.00	18.31 1.02 0.00	16.68 0.94 0.00	16.60 0.93 0.00	16.51 0.92 0.00	17.15 1.06 0.00	19.74 1.26 0.00	23.68 1.09 0.00	27.09 1.25 0.61	31.87 1.43 0.01	26.75 1.24 0.00	22.66 1.22 0.00	21.39 1.12 0.00	19.43 1.28 0.00	17.51 1.14 0.00
SISSONVILLE____ 23735	17.64 0.16 0.00	18.91 0.16 0.00	18.73 0.17 0.00	17.29 0.14 0.00	15.69 0.15 0.00	19.30 0.19 0.00	21.59 0.19 0.00	22.10 0.25 0.00	22.83 0.42 0.00	17.80 0.30 0.00	17.49 0.20 0.00	15.83 0.09 0.00	15.73 0.05 0.00	15.58 -0.01 0.00	16.07 -0.02 0.00	18.44 -0.04 0.00	22.61 0.02 0.00	26.61 0.16 0.00	30.79 0.34 0.00	30.04 0.18 -4.35	27.78 0.10 -6.24	26.37 0.04 -6.07	19.56 -0.08 -1.49	18.13 -0.06 -1.82
SITHE_IND_GS1 24169	16.93 -0.55 0.00	18.18 -0.58 0.00	17.97 -0.59 0.00	16.60 -0.56 0.00	15.04 -0.50 0.00	18.50 -0.61 0.00	20.67 -0.72 0.00	21.06 -0.79 0.00	21.57 -0.84 0.00	16.86 -0.64 0.00	16.68 -0.62 0.00	15.18 -0.57 0.00	15.11 -0.56 0.00	15.04 -0.55 0.00	15.52 -0.57 0.00	17.82 -0.66 0.00	21.74 -0.84 0.00	25.43 -1.02 0.00	29.32 -1.13 0.00	24.57 -0.94 0.00	20.59 -0.85 0.00	19.47 -0.80 0.00	17.46 -0.69 0.00	15.78 -0.59 0.00
SITHE_IND_GS2 24170	16.93 -0.55 0.00	18.18 -0.58 0.00	17.97 -0.59 0.00	16.60 -0.56 0.00	15.04 -0.50 0.00	18.50 -0.61 0.00	20.67 -0.72 0.00	21.06 -0.79 0.00	21.57 -0.84 0.00	16.86 -0.64 0.00	16.68 -0.62 0.00	15.18 -0.57 0.00	15.11 -0.56 0.00	15.04 -0.55 0.00	15.52 -0.57 0.00	17.82 -0.66 0.00	21.74 -0.84 0.00	25.43 -1.02 0.00	29.32 -1.13 0.00	24.57 -0.94 0.00	20.59 -0.85 0.00	19.47 -0.80 0.00	17.46 -0.69 0.00	15.78 -0.59 0.00
SITHE_IND_GS3 24171	16.93 -0.55 0.00	18.18 -0.58 0.00	17.97 -0.59 0.00	16.60 -0.56 0.00	15.04 -0.50 0.00	18.50 -0.61 0.00	20.67 -0.72 0.00	21.06 -0.79 0.00	21.57 -0.84 0.00	16.86 -0.64 0.00	16.68 -0.62 0.00	15.18 -0.57 0.00	15.11 -0.56 0.00	15.04 -0.55 0.00	15.52 -0.57 0.00	17.82 -0.66 0.00	21.74 -0.84 0.00	25.43 -1.02 0.00	29.32 -1.13 0.00	24.57 -0.94 0.00	20.59 -0.85 0.00	19.47 -0.80 0.00	17.46 -0.69 0.00	15.78 -0.59 0.00
SITHE_IND_GS4 24172	16.93 -0.55 0.00	18.18 -0.58 0.00	17.97 -0.59 0.00	16.60 -0.56 0.00	15.04 -0.50 0.00	18.50 -0.61 0.00	20.67 -0.72 0.00	21.06 -0.79 0.00	21.57 -0.84 0.00	16.86 -0.64 0.00	16.68 -0.62 0.00	15.18 -0.57 0.00	15.11 -0.56 0.00	15.04 -0.55 0.00	15.52 -0.57 0.00	17.82 -0.66 0.00	21.74 -0.84 0.00	25.43 -1.02 0.00	29.32 -1.13 0.00	24.57 -0.94 0.00	20.59 -0.85 0.00	19.47 -0.80 0.00	17.46 -0.69 0.00	15.78 -0.59 0.00

SITHE___BATAVIA 24024	17.15 -0.34 0.00	18.48 -0.28 0.00	18.15 -0.41 0.00	16.74 -0.41 0.00	15.19 -0.34 0.00	18.77 -0.34 0.00	21.11 -0.29 0.00	21.63 -0.23 0.00	22.35 -0.06 0.00	17.32 -0.18 0.00	16.95 -0.34 0.00	15.33 -0.41 0.00	15.29 -0.38 0.00	15.27 -0.32 0.00	15.71 -0.39 0.00	18.00 -0.47 0.00	21.95 -0.63 0.00	25.69 -0.76 0.00	29.82 -0.63 0.00	25.15 -0.36 0.00	20.82 -0.62 0.00	19.61 -0.65 0.00	17.51 -0.65 0.00	15.85 -0.52 0.00
SITHE___INDEPEND 23800	16.93 -0.55 0.00	18.18 -0.58 0.00	17.97 -0.59 0.00	16.60 -0.55 0.00	15.04 -0.50 0.00	18.50 -0.61 0.00	20.67 -0.72 0.00	21.06 -0.79 0.00	21.57 -0.84 0.00	16.86 -0.64 0.00	16.67 -0.62 0.00	15.18 -0.57 0.00	15.11 -0.56 0.00	15.04 -0.55 0.00	15.52 -0.57 0.00	17.82 -0.66 0.00	21.74 -0.84 0.00	25.43 -1.02 0.00	29.32 -1.13 0.00	24.56 -0.94 0.00	20.59 -0.85 0.00	19.47 -0.80 0.00	17.46 -0.69 0.00	15.78 -0.59 0.00
SITHE___MASSENA 23902	17.62 0.14 0.00	18.90 0.14 0.00	18.72 0.16 0.00	17.28 0.13 0.00	15.66 0.12 0.00	19.25 0.14 0.00	21.54 0.14 0.00	22.05 0.19 0.00	22.75 0.35 0.00	17.77 0.27 0.00	17.50 0.21 0.00	15.86 0.12 0.00	15.78 0.10 0.00	15.66 0.07 0.00	16.17 0.07 0.00	18.55 0.08 0.00	22.68 0.09 0.00	26.57 0.12 0.00	30.61 0.16 0.00	26.55 0.09 -0.95	22.88 0.08 -1.37	21.64 0.05 -1.33	18.45 -0.03 -0.32	16.76 0.00 -0.40
SITHE___OGDNSBRG 24021	17.91 0.43 0.00	19.20 0.44 0.00	19.01 0.45 0.00	17.54 0.39 0.00	15.91 0.37 0.00	19.57 0.46 0.00	21.91 0.51 0.00	22.45 0.60 0.00	23.17 0.76 0.00	17.97 0.47 0.00	17.59 0.30 0.00	15.93 0.18 0.00	15.83 0.15 0.00	15.70 0.11 0.00	16.21 0.11 0.00	18.60 0.12 0.00	22.79 0.20 0.00	26.93 0.48 0.00	31.27 0.82 0.00	29.19 0.66 -3.03	26.29 0.51 -4.35	24.91 0.42 -4.23	19.44 0.25 -1.04	17.87 0.24 -1.27
SITHE___STERLING 23777	17.75 0.27 0.00	19.04 0.29 0.00	18.84 0.28 0.00	17.39 0.24 0.00	15.78 0.25 0.00	19.47 0.36 0.00	21.85 0.45 0.00	22.32 0.46 0.00	22.83 0.42 0.00	17.70 0.20 0.00	17.41 0.12 0.00	15.83 0.09 0.00	15.76 0.08 0.00	15.65 0.06 0.00	16.16 0.06 0.00	18.55 0.07 0.00	22.83 0.24 0.00	26.93 0.48 0.00	31.21 0.76 0.00	26.09 0.58 0.00	21.83 0.39 0.00	20.58 0.32 0.00	18.40 0.24 0.00	16.57 0.20 0.00
SLEIGHT__34_KV_TB1 80719	16.96 -0.53 0.00	18.23 -0.53 0.00	17.95 -0.60 0.00	16.57 -0.58 0.00	15.03 -0.51 0.00	18.54 -0.56 0.00	20.83 -0.57 0.00	21.30 -0.54 0.01	21.94 -0.47 0.00	17.05 -0.44 0.00	16.79 -0.50 0.00	15.24 -0.50 0.00	15.20 -0.47 0.00	15.17 -0.42 0.00	15.62 -0.47 0.00	17.94 -0.53 0.00	21.92 -0.66 0.00	25.69 -0.76 0.00	29.64 -0.82 0.00	24.90 -0.60 0.00	20.71 -0.73 0.00	19.52 -0.75 0.00	17.43 -0.72 0.00	15.75 -0.62 0.00
SOUTH CAIRO___GT 23612	18.24 0.76 0.00	19.52 0.76 0.00	19.29 0.73 0.00	17.87 0.72 0.00	16.18 0.64 0.00	19.92 0.82 0.00	22.39 0.99 0.00	22.90 1.05 0.00	23.43 1.02 0.00	18.07 0.57 0.00	17.66 0.37 0.00	16.03 0.29 0.00	15.94 0.26 0.00	15.85 0.27 0.00	16.39 0.30 0.00	18.86 0.38 0.00	23.33 0.75 0.00	27.67 1.22 0.00	32.14 1.69 0.00	26.94 1.43 0.00	22.64 1.20 0.00	21.36 1.10 0.00	19.10 0.94 0.00	17.11 0.75 0.00
SOUTH HAMPTN___IC 23720	18.82 1.34 0.00	20.09 1.33 0.00	19.83 1.27 0.00	18.26 1.11 0.00	16.51 0.97 0.00	20.28 1.18 0.00	22.65 1.25 0.00	23.24 1.38 0.00	23.51 1.10 0.00	18.43 0.93 0.00	18.42 1.13 0.00	16.77 1.03 0.00	16.69 1.02 0.00	16.59 1.00 0.00	17.21 1.12 0.00	19.82 1.34 0.00	23.76 1.18 0.00	27.12 1.28 0.61	31.91 1.47 0.01	26.77 1.26 0.00	22.66 1.23 0.00	21.39 1.12 0.00	19.41 1.25 0.00	17.48 1.11 0.00
SOUTHDOW_115KV_TB1 355954	17.31 -0.17 0.00	18.54 -0.22 0.00	18.21 -0.34 0.00	16.76 -0.39 0.00	15.30 -0.24 0.00	18.92 -0.18 0.00	21.39 -0.01 0.00	22.14 0.17 -0.11	22.84 0.43 0.00	17.73 0.23 0.00	17.55 0.26 0.00	15.97 0.23 0.00	15.90 0.23 0.00	15.91 0.33 0.00	16.34 0.25 0.00	18.69 0.22 0.00	22.73 0.14 0.00	26.40 -0.05 0.00	30.43 -0.02 0.00	25.47 -0.04 0.00	20.91 -0.52 0.00	19.72 -0.54 0.00	17.51 -0.64 0.00	15.81 -0.56 0.00
SOUTHOLD_69_KV_BK 2 55809	19.00 1.52 0.00	20.26 1.50 0.00	20.00 1.44 0.00	18.40 1.25 0.00	16.62 1.09 0.00	20.42 1.31 0.00	22.84 1.44 0.00	23.45 1.59 0.00	23.70 1.29 0.00	18.59 1.08 0.00	18.54 1.25 0.00	16.86 1.12 0.00	16.77 1.09 0.00	16.63 1.05 0.00	17.23 1.14 0.00	19.86 1.38 0.00	23.76 1.18 0.00	27.03 1.20 0.61	31.84 1.40 0.01	26.66 1.15 0.00	22.55 1.12 0.00	21.27 1.01 0.00	19.26 1.10 0.00	17.32 0.96 0.00
SOUTHOLD___IC 23719	19.00 1.52 0.00	20.26 1.50 0.00	20.00 1.44 0.00	18.40 1.25 0.00	16.62 1.09 0.00	20.42 1.31 0.00	22.84 1.44 0.00	23.45 1.59 0.00	23.70 1.29 0.00	18.59 1.08 0.00	18.54 1.25 0.00	16.87 1.13 0.00	16.77 1.09 0.00	16.63 1.05 0.00	17.23 1.14 0.00	19.86 1.38 0.00	23.76 1.18 0.00	27.03 1.19 0.61	31.84 1.40 0.01	26.66 1.15 0.00	22.55 1.12 0.00	21.27 1.01 0.00	19.26 1.10 0.00	17.32 0.96 0.00
SOUTH_FORK_WT_PWR 323839	18.98 1.50 0.00	20.23 1.48 0.00	19.97 1.42 0.00	18.37 1.22 0.00	16.57 1.04 0.00	20.33 1.23 0.00	22.77 1.38 0.00	23.39 1.53 0.00	23.61 1.20 0.00	18.52 1.02 0.00	18.48 1.19 0.00	16.81 1.07 0.00	16.70 1.03 0.00	16.55 0.96 0.00	17.11 1.02 0.00	19.72 1.25 0.00	23.54 0.96 0.00	26.69 0.85 0.61	31.47 1.03 0.01	26.31 0.81 0.00	22.27 0.84 0.00	21.01 0.74 0.00	19.00 0.84 0.00	17.08 0.71 0.00
SPIERFLS_115KV_TB 1 80737	18.06 0.57 0.00	19.33 0.57 0.00	19.17 0.62 0.00	17.71 0.56 0.00	16.03 0.49 0.00	19.75 0.65 0.00	22.16 0.76 0.00	22.65 0.80 0.00	23.16 0.75 0.00	17.88 0.38 0.00	17.58 0.29 0.00	16.02 0.28 0.00	15.94 0.26 0.00	15.84 0.26 0.00	16.40 0.30 0.00	18.92 0.45 0.00	23.42 0.84 0.00	27.47 1.02 0.00	31.66 1.21 0.00	26.53 1.02 0.00	22.39 0.95 0.00	21.17 0.90 0.00	18.93 0.77 0.00	16.91 0.54 0.00
ST LAWRENCE____ 23600	17.42 -0.07 0.00	18.68 -0.08 0.00	18.51 -0.06 0.00	17.09 -0.06 0.00	15.48 -0.06 0.00	19.02 -0.09 0.00	21.29 -0.11 0.00	21.77 -0.08 0.00	22.46 0.05 0.00	17.56 0.06 0.00	17.32 0.03 0.00	15.70 -0.04 0.00	15.62 -0.05 0.00	15.51 -0.08 0.00	16.01 -0.08 0.00	18.37 -0.10 0.00	22.45 -0.14 0.00	26.27 -0.18 0.00	30.22 -0.23 0.00	25.29 -0.22 0.00	21.27 -0.17 0.00	20.09 -0.17 0.00	17.94 -0.22 0.00	16.20 -0.17 0.00
STATE_CA_115KV_115_LB 55624	17.76 0.28 0.00	19.01 0.25 0.00	18.83 0.26 0.00	17.40 0.26 0.00	15.75 0.22 0.00	19.38 0.27 0.00	21.74 0.34 0.00	22.21 0.36 0.00	22.73 0.31 0.00	17.75 0.25 0.00	17.51 0.22 0.00	15.97 0.23 0.00	15.90 0.23 0.00	15.82 0.23 0.00	16.36 0.27 0.00	18.81 0.34 0.00	23.04 0.45 0.00	27.02 0.57 0.00	31.04 0.59 0.00	26.01 0.51 0.00	21.93 0.50 0.00	20.75 0.48 0.00	18.60 0.44 0.00	16.71 0.34 0.00

STATE_ST_34_KV_LOAD 55959	17.34 -0.15 0.00	18.60 -0.15 0.00	18.38 -0.18 0.00	16.97 -0.18 0.00	15.38 -0.15 0.00	18.94 -0.17 0.00	21.22 -0.18 0.00	21.65 -0.21 0.00	22.19 -0.22 0.00	17.27 -0.23 0.00	17.03 -0.25 0.00	15.49 -0.25 0.00	15.43 -0.25 0.00	15.36 -0.23 0.00	15.84 -0.25 0.00	18.20 -0.28 0.00	22.26 -0.32 0.00	26.15 -0.30 0.00	30.21 -0.24 0.00	25.31 -0.20 0.00	21.16 -0.28 0.00	20.01 -0.25 0.00	17.92 -0.23 0.00	16.16 -0.21 0.00
STATION 5_MISC_HYD 23604	17.04 -0.44 0.00	18.33 -0.43 0.00	18.05 -0.51 0.00	16.65 -0.50 0.00	15.10 -0.43 0.00	18.63 -0.48 0.00	20.91 -0.49 0.00	21.39 -0.45 0.01	22.05 -0.36 0.00	17.16 -0.34 0.00	16.90 -0.39 0.00	15.33 -0.41 0.00	15.31 -0.36 0.00	15.29 -0.30 0.00	15.75 -0.34 0.00	18.06 -0.41 0.00	22.00 -0.58 0.00	25.69 -0.76 0.00	29.66 -0.79 0.00	24.95 -0.56 0.00	20.74 -0.70 0.00	19.56 -0.71 0.00	17.48 -0.68 0.00	15.81 -0.56 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	17.22 -0.26 0.00	18.51 -0.25 0.00	18.24 -0.32 0.00	16.83 -0.32 0.00	15.26 -0.27 0.00	18.82 -0.29 0.00	21.13 -0.27 0.00	21.63 -0.22 0.01	22.25 -0.16 0.00	17.30 -0.20 0.00	17.03 -0.26 0.00	15.46 -0.28 0.00	15.41 -0.26 0.00	15.38 -0.21 0.00	15.84 -0.26 0.00	18.19 -0.29 0.00	22.23 -0.35 0.00	26.06 -0.39 0.00	30.10 -0.35 0.00	25.28 -0.22 0.00	21.03 -0.40 0.00	19.84 -0.43 0.00	17.72 -0.43 0.00	16.00 -0.37 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	16.97 -0.52 0.00	18.25 -0.51 0.00	17.97 -0.59 0.00	16.58 -0.57 0.00	15.04 -0.50 0.00	18.55 -0.56 0.00	20.82 -0.58 0.00	21.30 -0.54 0.01	21.95 -0.46 0.00	17.08 -0.41 0.00	16.83 -0.46 0.00	15.27 -0.47 0.00	15.25 -0.42 0.00	15.23 -0.36 0.00	15.67 -0.42 0.00	17.99 -0.49 0.00	21.92 -0.66 0.00	25.61 -0.84 0.00	29.55 -0.89 0.00	24.85 -0.66 0.00	20.67 -0.76 0.00	19.49 -0.77 0.00	17.42 -0.74 0.00	15.75 -0.62 0.00
STA_56___34_KV_BUS2 355983	16.97 -0.52 0.00	18.25 -0.51 0.00	17.97 -0.59 0.00	16.58 -0.57 0.00	15.04 -0.50 0.00	18.55 -0.56 0.00	20.82 -0.58 0.00	21.30 -0.54 0.01	21.95 -0.46 0.00	17.08 -0.41 0.00	16.83 -0.46 0.00	15.27 -0.47 0.00	15.25 -0.42 0.00	15.23 -0.36 0.00	15.67 -0.42 0.00	17.99 -0.49 0.00	21.92 -0.66 0.00	25.61 -0.84 0.00	29.55 -0.89 0.00	24.85 -0.66 0.00	20.67 -0.76 0.00	19.49 -0.77 0.00	17.42 -0.74 0.00	15.75 -0.62 0.00
STA_67___115KV_BK2 355882	17.01 -0.47 0.00	18.30 -0.46 0.00	18.02 -0.54 0.00	16.63 -0.52 0.00	15.08 -0.46 0.00	18.60 -0.51 0.00	20.88 -0.52 0.00	21.35 -0.49 0.01	22.01 -0.40 0.00	17.14 -0.37 0.00	16.87 -0.42 0.00	15.31 -0.43 0.00	15.29 -0.39 0.00	15.27 -0.32 0.00	15.72 -0.37 0.00	18.03 -0.45 0.00	21.96 -0.63 0.00	25.63 -0.82 0.00	29.59 -0.86 0.00	24.89 -0.62 0.00	20.70 -0.74 0.00	19.52 -0.75 0.00	17.45 -0.71 0.00	15.78 -0.59 0.00
STA_7___115KV_9TRANS 80674	17.10 -0.38 0.00	18.40 -0.36 0.00	18.11 -0.45 0.00	16.71 -0.44 0.00	15.15 -0.38 0.00	18.69 -0.42 0.00	20.99 -0.41 0.00	21.48 -0.36 0.01	22.14 -0.27 0.00	17.22 -0.28 0.00	16.96 -0.33 0.00	15.39 -0.35 0.00	15.38 -0.30 0.00	15.36 -0.23 0.00	15.81 -0.28 0.00	18.14 -0.34 0.00	22.10 -0.48 0.00	25.82 -0.63 0.00	29.81 -0.64 0.00	25.08 -0.43 0.00	20.84 -0.59 0.00	19.65 -0.61 0.00	17.56 -0.60 0.00	15.88 -0.49 0.00
STA_82___115KV_TB1 80780	17.01 -0.47 0.00	18.31 -0.45 0.00	18.02 -0.54 0.00	16.63 -0.52 0.00	15.08 -0.46 0.00	18.60 -0.51 0.00	20.89 -0.51 0.00	21.37 -0.48 0.01	22.02 -0.39 0.00	17.14 -0.36 0.00	16.87 -0.42 0.00	15.31 -0.43 0.00	15.29 -0.39 0.00	15.27 -0.32 0.00	15.72 -0.37 0.00	18.03 -0.45 0.00	21.96 -0.62 0.00	25.64 -0.81 0.00	29.61 -0.85 0.00	24.90 -0.61 0.00	20.71 -0.73 0.00	19.53 -0.74 0.00	17.45 -0.70 0.00	15.79 -0.58 0.00
STEEL___WIND 323596	16.91 -0.58 0.00	18.21 -0.54 0.00	17.88 -0.68 0.00	16.49 -0.66 0.00	14.96 -0.58 0.00	18.48 -0.63 0.00	20.78 -0.62 0.00	21.45 -0.53 -0.12	22.07 -0.34 0.00	17.18 -0.32 0.00	16.95 -0.34 0.00	15.34 -0.41 0.00	15.31 -0.36 0.00	15.31 -0.28 0.00	15.73 -0.36 0.00	18.02 -0.45 0.00	21.85 -0.74 0.00	25.33 -1.12 0.00	29.27 -1.18 0.00	24.60 -0.91 0.00	20.32 -1.12 0.00	19.19 -1.07 0.00	17.13 -1.03 0.00	15.54 -0.83 0.00
STEPHTWN_115KV_BK_2 55603	17.84 0.36 0.00	19.07 0.32 0.00	18.87 0.31 0.00	17.48 0.33 0.00	15.83 0.29 0.00	19.48 0.38 0.00	21.87 0.47 0.00	22.38 0.53 0.00	22.86 0.44 0.00	17.83 0.33 0.00	17.53 0.24 0.00	16.00 0.26 0.00	15.91 0.24 0.00	15.87 0.28 0.00	16.42 0.33 0.00	18.89 0.41 0.00	23.20 0.61 0.00	27.17 0.72 0.00	31.26 0.81 0.00	26.16 0.65 0.00	22.04 0.61 0.00	20.88 0.62 0.00	18.69 0.54 0.00	16.78 0.41 0.00
STEUBEN_REC_LFGE 323667	17.03 -0.46 0.00	18.18 -0.58 0.00	17.91 -0.65 0.00	16.51 -0.64 0.00	14.87 -0.66 0.00	18.25 -0.86 0.00	20.48 -0.92 0.00	21.14 -0.76 -0.04	21.97 -0.44 0.00	17.19 -0.31 0.00	17.00 -0.29 0.00	15.41 -0.33 0.00	15.28 -0.40 0.00	15.26 -0.33 0.00	15.69 -0.40 0.00	18.04 -0.44 0.00	22.03 -0.56 0.00	25.77 -0.68 0.00	29.63 -0.82 0.00	24.63 -0.88 0.00	20.25 -1.19 0.00	19.10 -1.16 0.00	17.04 -1.12 0.00	15.36 -1.01 0.00
STILLWATER___SOLAR 323814	18.13 0.64 0.00	19.42 0.66 0.00	19.25 0.68 0.00	17.79 0.64 0.00	16.10 0.57 0.00	19.82 0.72 0.00	22.23 0.84 0.00	22.72 0.87 0.00	23.22 0.81 0.00	17.99 0.49 0.00	17.70 0.41 0.00	16.13 0.39 0.00	16.04 0.37 0.00	15.96 0.37 0.00	16.50 0.41 0.00	19.01 0.53 0.00	23.46 0.88 0.00	27.55 1.10 0.00	31.72 1.27 0.00	26.59 1.08 0.00	22.41 0.98 0.00	21.20 0.93 0.00	18.98 0.83 0.00	17.02 0.65 0.00
STONY___BROOK 24151	18.64 1.16 0.00	19.92 1.16 0.00	19.67 1.11 0.00	18.12 0.97 0.00	16.39 0.86 0.00	20.15 1.04 0.00	22.48 1.08 0.00	23.03 1.18 0.00	23.34 0.93 0.00	18.31 0.81 0.00	18.33 1.04 0.00	16.72 0.97 0.00	16.65 0.97 0.00	16.57 0.98 0.00	17.21 1.12 0.00	19.79 1.31 0.00	23.76 1.17 0.00	27.16 1.31 0.60	31.79 1.35 0.01	26.82 1.31 0.00	22.71 1.28 0.00	21.43 1.17 0.00	19.47 1.32 0.00	17.56 1.19 0.00
STURGEON_POOL_HYD 23609	18.10 0.62 0.00	19.40 0.65 0.00	19.20 0.65 0.00	17.73 0.58 0.00	16.06 0.52 0.00	19.74 0.63 0.00	22.17 0.76 0.00	22.72 0.87 0.00	23.30 0.88 0.00	18.23 0.73 0.00	18.05 0.76 0.00	16.49 0.75 0.00	16.44 0.76 0.00	16.34 0.75 0.00	16.90 0.81 0.00	19.44 0.96 0.00	23.68 1.09 0.00	27.73 1.28 0.00	31.88 1.43 0.00	26.71 1.20 0.00	22.51 1.08 0.00	21.28 1.01 0.00	19.10 0.95 0.00	17.20 0.83 0.00
ST_LAW_115_BK7_LBMP 345037	17.43 -0.06 0.00	18.69 -0.06 0.00	18.52 -0.04 0.00	17.10 -0.05 0.00	15.49 -0.05 0.00	19.03 -0.07 0.00	21.30 -0.10 0.00	21.79 -0.06 0.00	22.48 0.07 0.00	17.57 0.07 0.00	17.33 0.04 0.00	15.71 -0.04 0.00	15.62 -0.05 0.00	15.51 -0.08 0.00	16.01 -0.08 0.00	18.38 -0.10 0.00	22.45 -0.13 0.00	26.28 -0.17 0.00	30.23 -0.21 0.00	25.30 -0.21 0.00	21.28 -0.15 0.00	20.10 -0.16 0.00	17.94 -0.21 0.00	16.21 -0.16 0.00

ST_LAW_115_BK8_LBMP 345038	17.43 -0.06 0.00	18.69 -0.06 0.00	18.52 -0.04 0.00	17.10 -0.05 0.00	15.49 -0.05 0.00	19.03 -0.07 0.00	21.30 -0.10 0.00	21.79 -0.06 0.00	22.48 0.07 0.00	17.57 0.07 0.00	17.33 0.04 0.00	15.71 -0.04 0.00	15.62 -0.05 0.00	15.51 -0.08 0.00	16.01 -0.08 0.00	18.38 -0.10 0.00	22.45 -0.13 0.00	26.28 -0.17 0.00	30.23 -0.21 0.00	25.30 -0.21 0.00	21.28 -0.15 0.00	20.10 -0.16 0.00	17.94 -0.21 0.00	16.21 -0.16 0.00
ST_LAW_230_BK5_LBMP 345035	17.42 -0.07 0.00	18.68 -0.08 0.00	18.51 -0.06 0.00	17.09 -0.06 0.00	15.48 -0.06 0.00	19.02 -0.09 0.00	21.29 -0.11 0.00	21.77 -0.08 0.00	22.46 0.05 0.00	17.56 0.06 0.00	17.32 0.03 0.00	15.70 -0.04 0.00	15.62 -0.05 0.00	15.51 -0.08 0.00	16.01 -0.08 0.00	18.37 -0.10 0.00	22.45 -0.14 0.00	26.27 -0.18 0.00	30.22 -0.23 0.00	25.29 -0.22 0.00	21.27 -0.17 0.00	20.09 -0.17 0.00	17.94 -0.22 0.00	16.20 -0.17 0.00
ST_LAW_230_BK6_LBMP 345036	17.42 -0.07 0.00	18.68 -0.08 0.00	18.51 -0.06 0.00	17.09 -0.06 0.00	15.48 -0.06 0.00	19.02 -0.09 0.00	21.29 -0.11 0.00	21.77 -0.08 0.00	22.46 0.05 0.00	17.56 0.06 0.00	17.32 0.03 0.00	15.70 -0.04 0.00	15.62 -0.05 0.00	15.51 -0.08 0.00	16.01 -0.08 0.00	18.37 -0.10 0.00	22.45 -0.14 0.00	26.27 -0.18 0.00	30.22 -0.23 0.00	25.29 -0.22 0.00	21.27 -0.17 0.00	20.09 -0.17 0.00	17.94 -0.22 0.00	16.20 -0.17 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	18.04 0.56 0.00	19.34 0.58 0.00	19.14 0.58 0.00	17.66 0.51 0.00	16.00 0.47 0.00	19.69 0.58 0.00	22.11 0.72 0.00	22.67 0.82 0.00	23.22 0.80 0.00	18.13 0.63 0.00	17.93 0.64 0.00	16.39 0.65 0.00	16.34 0.66 0.00	16.24 0.65 0.00	16.80 0.71 0.00	19.32 0.84 0.00	23.59 1.00 0.00	27.65 1.20 0.00	31.81 1.36 0.00	26.64 1.13 0.00	22.43 1.00 0.00	21.21 0.94 0.00	19.03 0.88 0.00	17.13 0.76 0.00
SWANROAD_115KV_TB1 355699	16.50 -0.98 0.00	17.82 -0.94 0.00	17.49 -1.07 0.00	16.13 -1.02 0.00	14.63 -0.90 0.00	18.07 -1.03 0.00	20.31 -1.08 0.00	20.78 -1.08 -0.01	21.55 -0.87 0.00	16.79 -0.71 0.00	16.53 -0.76 0.00	14.96 -0.79 0.00	14.96 -0.72 0.00	14.94 -0.65 0.00	15.34 -0.75 0.00	17.55 -0.93 0.00	21.22 -1.37 0.00	24.59 -1.87 0.00	28.36 -2.09 0.00	23.95 -1.56 0.00	19.82 -1.62 0.00	18.71 -1.55 0.00	16.73 -1.42 0.00	15.19 -1.17 0.00
SYNERGY___BIOGAS 323694	17.15 -0.34 0.00	18.48 -0.28 0.00	18.15 -0.41 0.00	16.74 -0.41 0.00	15.19 -0.34 0.00	18.77 -0.34 0.00	21.11 -0.29 0.00	21.63 -0.23 0.00	22.35 -0.06 0.00	17.32 -0.18 0.00	16.95 -0.34 0.00	15.33 -0.41 0.00	15.29 -0.38 0.00	15.27 -0.32 0.00	15.71 -0.39 0.00	18.00 -0.47 0.00	21.95 -0.63 0.00	25.69 -0.76 0.00	29.82 -0.63 0.00	25.15 -0.36 0.00	20.82 -0.62 0.00	19.61 -0.65 0.00	17.51 -0.65 0.00	15.85 -0.52 0.00
SYRACUSE___ENERGY_ST1 323597	17.29 -0.19 0.00	18.55 -0.20 0.00	18.34 -0.22 0.00	16.94 -0.21 0.00	15.35 -0.19 0.00	18.89 -0.21 0.00	21.14 -0.26 0.00	21.56 -0.29 0.00	22.09 -0.32 0.00	17.23 -0.27 0.00	17.02 -0.27 0.00	15.49 -0.25 0.00	15.43 -0.25 0.00	15.36 -0.23 0.00	15.84 -0.25 0.00	18.20 -0.28 0.00	22.26 -0.33 0.00	26.10 -0.35 0.00	30.11 -0.34 0.00	25.23 -0.28 0.00	21.12 -0.32 0.00	19.96 -0.30 0.00	17.88 -0.28 0.00	16.13 -0.24 0.00
SYRACUSE___ENERGY_ST2 323598	17.29 -0.19 0.00	18.55 -0.20 0.00	18.34 -0.22 0.00	16.94 -0.21 0.00	15.35 -0.19 0.00	18.89 -0.21 0.00	21.14 -0.26 0.00	21.56 -0.29 0.00	22.09 -0.32 0.00	17.23 -0.27 0.00	17.02 -0.27 0.00	15.49 -0.25 0.00	15.43 -0.25 0.00	15.36 -0.23 0.00	15.84 -0.25 0.00	18.20 -0.28 0.00	22.26 -0.33 0.00	26.10 -0.35 0.00	30.11 -0.34 0.00	25.23 -0.28 0.00	21.12 -0.32 0.00	19.96 -0.30 0.00	17.88 -0.28 0.00	16.13 -0.24 0.00
SYRACUSE___POWER 24017	17.30 -0.18 0.00	18.57 -0.19 0.00	18.35 -0.21 0.00	16.94 -0.21 0.00	15.36 -0.18 0.00	18.91 -0.20 0.00	21.17 -0.22 0.00	21.60 -0.25 0.00	22.13 -0.28 0.00	17.25 -0.25 0.00	17.03 -0.25 0.00	15.51 -0.23 0.00	15.44 -0.24 0.00	15.37 -0.21 0.00	15.86 -0.23 0.00	18.22 -0.26 0.00	22.29 -0.29 0.00	26.13 -0.32 0.00	30.17 -0.28 0.00	25.28 -0.23 0.00	21.15 -0.28 0.00	19.99 -0.27 0.00	17.91 -0.25 0.00	16.14 -0.22 0.00
TALLMAN___138KV_BK151 55660	18.03 0.55 0.00	19.33 0.58 0.00	19.14 0.58 0.00	17.65 0.50 0.00	15.99 0.46 0.00	19.68 0.58 0.00	22.12 0.72 0.00	22.70 0.85 0.00	23.24 0.83 0.00	18.16 0.66 0.00	17.97 0.68 0.00	16.44 0.70 0.00	16.40 0.72 0.00	16.30 0.71 0.00	16.87 0.77 0.00	19.39 0.92 0.00	23.65 1.06 0.00	27.71 1.26 0.00	31.88 1.43 0.00	26.69 1.18 0.00	22.48 1.05 0.00	21.26 0.99 0.00	19.09 0.94 0.00	17.18 0.81 0.00
TEALLAVE_115KV_TB7 355573	17.22 -0.27 0.00	18.47 -0.28 0.00	18.26 -0.30 0.00	16.86 -0.29 0.00	15.29 -0.25 0.00	18.81 -0.29 0.00	21.06 -0.34 0.00	21.48 -0.37 0.00	22.01 -0.40 0.00	17.16 -0.34 0.00	16.96 -0.33 0.00	15.43 -0.31 0.00	15.38 -0.30 0.00	15.31 -0.28 0.00	15.79 -0.30 0.00	18.14 -0.34 0.00	22.18 -0.41 0.00	25.99 -0.46 0.00	29.98 -0.47 0.00	25.12 -0.39 0.00	21.02 -0.41 0.00	19.87 -0.39 0.00	17.80 -0.36 0.00	16.06 -0.31 0.00
TELGRAPH_34_KV_EAST 80808	16.86 -0.62 0.00	18.18 -0.58 0.00	17.85 -0.71 0.00	16.46 -0.69 0.00	14.94 -0.59 0.00	18.46 -0.65 0.00	20.75 -0.65 0.00	21.25 -0.61 -0.01	21.99 -0.42 0.00	17.10 -0.40 0.00	16.81 -0.47 0.00	15.21 -0.53 0.00	15.21 -0.46 0.00	15.19 -0.40 0.00	15.61 -0.48 0.00	17.87 -0.61 0.00	21.70 -0.88 0.00	25.23 -1.22 0.00	29.15 -1.30 0.00	24.59 -0.91 0.00	20.35 -1.08 0.00	19.20 -1.06 0.00	17.15 -1.01 0.00	15.55 -0.82 0.00
TEMPLE___115KV_TB 2 55572	17.23 -0.25 0.00	18.48 -0.27 0.00	18.27 -0.30 0.00	16.87 -0.28 0.00	15.29 -0.24 0.00	18.82 -0.29 0.00	21.07 -0.33 0.00	21.50 -0.36 0.00	22.02 -0.39 0.00	17.17 -0.32 0.00	16.97 -0.32 0.00	15.45 -0.29 0.00	15.38 -0.29 0.00	15.32 -0.27 0.00	15.80 -0.29 0.00	18.15 -0.33 0.00	22.20 -0.39 0.00	26.00 -0.45 0.00	30.00 -0.45 0.00	25.13 -0.38 0.00	21.04 -0.39 0.00	19.88 -0.38 0.00	17.81 -0.35 0.00	16.07 -0.30 0.00
TIANA____69_KV_BK 1 55817	18.78 1.30 0.00	20.05 1.29 0.00	19.80 1.24 0.00	18.23 1.08 0.00	16.49 0.96 0.00	20.26 1.16 0.00	22.62 1.22 0.00	23.20 1.34 0.00	23.47 1.07 0.00	18.40 0.90 0.00	18.39 1.10 0.00	16.75 1.01 0.00	16.67 0.99 0.00	16.57 0.98 0.00	17.21 1.12 0.00	19.82 1.34 0.00	23.77 1.18 0.00	27.16 1.32 0.61	31.95 1.51 0.01	26.82 1.31 0.00	22.69 1.26 0.00	21.42 1.16 0.00	19.45 1.29 0.00	17.52 1.15 0.00
TILDEN___115KV_TB1 80814	17.30 -0.18 0.00	18.57 -0.19 0.00	18.35 -0.21 0.00	16.94 -0.21 0.00	15.36 -0.18 0.00	18.91 -0.20 0.00	21.17 -0.22 0.00	21.60 -0.25 0.00	22.13 -0.28 0.00	17.25 -0.25 0.00	17.03 -0.25 0.00	15.51 -0.23 0.00	15.44 -0.24 0.00	15.37 -0.21 0.00	15.86 -0.23 0.00	18.22 -0.26 0.00	22.29 -0.29 0.00	26.13 -0.32 0.00	30.17 -0.28 0.00	25.28 -0.23 0.00	21.15 -0.28 0.00	19.99 -0.27 0.00	17.91 -0.25 0.00	16.14 -0.22 0.00

TRIGEN___CC 323695	18.35 0.87 0.00	19.63 0.87 0.00	19.40 0.84 0.00	17.88 0.73 0.00	16.19 0.65 0.00	19.91 0.80 0.00	22.28 0.87 0.00	22.84 0.98 0.00	23.30 0.89 0.00	18.26 0.76 0.00	18.17 0.88 0.00	16.60 0.85 0.00	16.54 0.87 0.00	16.45 0.86 0.00	17.06 0.97 0.00	19.61 1.13 0.00	23.73 1.15 0.00	27.74 1.29 0.00	31.89 1.45 0.00	26.74 1.23 0.00	22.60 1.16 0.00	21.36 1.10 0.00	19.28 1.13 0.00	17.37 1.00 0.00
TRINITY___115KV___4 BK 55933	17.70 0.22 0.00	18.95 0.19 0.00	18.75 0.19 0.00	17.35 0.20 0.00	15.70 0.16 0.00	19.31 0.21 0.00	21.66 0.26 0.00	22.13 0.28 0.00	22.64 0.23 0.00	17.69 0.19 0.00	17.46 0.17 0.00	15.93 0.18 0.00	15.85 0.18 0.00	15.77 0.19 0.00	16.31 0.21 0.00	18.74 0.27 0.00	22.95 0.36 0.00	26.88 0.43 0.00	30.89 0.44 0.00	25.90 0.39 0.00	21.84 0.40 0.00	20.67 0.40 0.00	18.53 0.38 0.00	16.65 0.28 0.00
UNION___PROCESSING_DRP 323587	17.02 -0.47 0.00	18.31 -0.45 0.00	18.03 -0.54 0.00	16.63 -0.52 0.00	15.08 -0.45 0.00	18.60 -0.50 0.00	20.89 -0.51 0.00	21.37 -0.47 0.01	22.02 -0.39 0.00	17.14 -0.36 0.00	16.88 -0.41 0.00	15.31 -0.43 0.00	15.29 -0.38 0.00	15.28 -0.31 0.00	15.72 -0.37 0.00	18.04 -0.44 0.00	21.97 -0.62 0.00	25.64 -0.80 0.00	29.61 -0.84 0.00	24.91 -0.60 0.00	20.71 -0.72 0.00	19.53 -0.73 0.00	17.45 -0.70 0.00	15.79 -0.58 0.00
UPPER HUDSON___HYD 24058	18.06 0.57 0.00	19.33 0.57 0.00	19.17 0.62 0.00	17.71 0.56 0.00	16.03 0.49 0.00	19.75 0.65 0.00	22.16 0.76 0.00	22.65 0.80 0.00	23.16 0.75 0.00	17.88 0.38 0.00	17.58 0.29 0.00	16.02 0.28 0.00	15.94 0.26 0.00	15.85 0.26 0.00	16.40 0.30 0.00	18.92 0.45 0.00	23.43 0.84 0.00	27.47 1.02 0.00	31.66 1.21 0.00	26.53 1.02 0.00	22.39 0.95 0.00	21.17 0.90 0.00	18.93 0.77 0.00	16.91 0.54 0.00
UPPER RAQUET___HYD 24056	17.64 0.16 0.00	18.91 0.16 0.00	18.73 0.17 0.00	17.29 0.14 0.00	15.69 0.15 0.00	19.30 0.19 0.00	21.59 0.19 0.00	22.10 0.25 0.00	22.83 0.42 0.00	17.80 0.30 0.00	17.49 0.20 0.00	15.83 0.09 0.00	15.73 0.05 0.00	15.58 -0.01 0.00	16.07 -0.02 0.00	18.44 -0.04 0.00	22.61 0.02 0.00	26.62 0.16 0.00	30.79 0.34 0.00	30.04 0.18 -4.35	27.78 0.10 -6.24	26.37 0.04 -6.07	19.56 -0.08 -1.49	18.13 -0.06 -1.82
VALLEY44_115KV_TB2 355964	17.18 -0.30 0.00	18.49 -0.26 0.00	18.19 -0.37 0.00	16.74 -0.41 0.00	15.23 -0.31 0.00	18.79 -0.32 0.00	21.17 -0.23 0.00	21.87 -0.08 -0.09	22.49 0.07 0.00	17.47 -0.03 0.00	17.28 -0.01 0.00	15.76 0.02 0.00	15.71 0.04 0.00	15.72 0.13 0.00	16.17 0.08 0.00	18.53 0.05 0.00	22.53 -0.05 0.00	26.11 -0.33 0.00	30.21 -0.24 0.00	25.36 -0.15 0.00	20.96 -0.48 0.00	19.83 -0.43 0.00	17.73 -0.42 0.00	16.01 -0.36 0.00
VALLEY___115KV_TB 1-4 80826	17.57 0.08 0.00	18.81 0.05 0.00	18.61 0.05 0.00	17.20 0.05 0.00	15.58 0.05 0.00	19.15 0.05 0.00	21.51 0.11 0.00	22.01 0.15 0.00	22.36 -0.05 0.00	17.29 -0.21 0.00	17.04 -0.25 0.00	15.53 -0.21 0.00	15.46 -0.21 0.00	15.37 -0.22 0.00	15.87 -0.22 0.00	18.31 -0.16 0.00	22.62 0.03 0.00	26.68 0.23 0.00	30.70 0.25 0.00	25.70 0.20 0.00	21.65 0.21 0.00	20.50 0.23 0.00	18.36 0.20 0.00	16.48 0.11 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	18.18 0.69 0.00	19.54 0.79 0.00	19.31 0.75 0.00	17.85 0.70 0.00	16.19 0.65 0.00	19.91 0.80 0.00	22.37 0.97 0.00	22.89 1.02 -0.01	23.46 1.05 0.00	18.30 0.80 0.00	18.13 0.84 0.00	16.49 0.75 0.00	16.40 0.72 0.00	16.29 0.70 0.00	16.79 0.70 0.00	19.28 0.80 0.00	23.61 1.02 0.00	27.68 1.23 0.00	31.85 1.40 0.00	26.68 1.17 0.00	22.40 0.96 0.00	21.15 0.89 0.00	18.93 0.78 0.00	17.04 0.67 0.00
VISCHER___FERRY HYD 24020	17.94 0.46 0.00	19.22 0.46 0.00	19.04 0.48 0.00	17.61 0.46 0.00	15.94 0.40 0.00	19.62 0.51 0.00	22.00 0.60 0.00	22.48 0.62 0.00	22.99 0.58 0.00	17.90 0.40 0.00	17.65 0.35 0.00	16.07 0.33 0.00	16.00 0.32 0.00	15.92 0.33 0.00	16.46 0.36 0.00	18.92 0.44 0.00	23.25 0.66 0.00	27.21 0.76 0.00	31.29 0.83 0.00	26.23 0.72 0.00	22.13 0.70 0.00	20.96 0.70 0.00	18.80 0.64 0.00	16.87 0.51 0.00
V_A_10_SYNC_DSASP 323832	16.72 -0.76 0.00	18.03 -0.73 0.00	17.72 -0.84 0.00	16.34 -0.81 0.00	14.83 -0.70 0.00	18.30 -0.80 0.00	20.56 -0.84 0.00	21.03 -0.79 0.03	21.76 -0.65 0.00	16.95 -0.55 0.00	16.71 -0.58 0.00	15.14 -0.60 0.00	15.13 -0.54 0.00	15.13 -0.46 0.00	15.56 -0.53 0.00	17.83 -0.65 0.00	21.61 -0.98 0.00	25.06 -1.39 0.00	28.91 -1.54 0.00	24.35 -1.16 0.00	20.19 -1.25 0.00	19.05 -1.21 0.00	17.04 -1.11 0.00	15.46 -0.91 0.00
V_CMM_10_SYNC_DSASP 323787	17.52 0.04 0.00	18.79 0.04 0.00	18.61 0.05 0.00	17.19 0.04 0.00	15.57 0.04 0.00	19.13 0.02 0.00	21.41 0.01 0.00	21.91 0.05 0.00	22.60 0.19 0.00	17.67 0.17 0.00	17.42 0.13 0.00	15.79 0.05 0.00	15.71 0.04 0.00	15.60 0.01 0.00	16.11 0.02 0.00	18.49 0.01 0.00	22.58 -0.01 0.00	26.43 -0.02 0.00	30.40 -0.05 0.00	25.44 -0.07 0.00	21.39 -0.04 0.00	20.20 -0.06 0.00	18.03 -0.12 0.00	16.29 -0.08 0.00
V_CMP_10_SYNC_DSASP 323788	17.47 -0.02 0.00	18.68 -0.08 0.00	18.63 0.07 0.00	17.26 0.11 0.00	15.53 0.00 0.00	18.92 -0.19 0.00	21.11 -0.29 0.00	21.59 -0.26 0.00	22.39 -0.02 0.00	17.58 0.08 0.00	17.57 0.27 0.00	15.98 0.24 0.00	15.80 0.13 0.00	15.62 0.04 0.00	16.12 0.03 0.00	18.48 0.01 0.00	22.71 0.12 0.00	26.36 -0.09 0.00	30.51 0.06 0.00	-4.31 -0.15 29.67	-21.21 -0.06 42.58	-21.24 -0.09 41.41	7.85 -0.17 10.14	3.74 -0.22 12.40
V_D_10_SYNC_DSASP 323841	17.62 0.14 0.00	18.90 0.14 0.00	18.71 0.15 0.00	17.28 0.13 0.00	15.66 0.12 0.00	19.24 0.14 0.00	21.54 0.14 0.00	22.04 0.19 0.00	22.75 0.34 0.00	17.77 0.27 0.00	17.50 0.21 0.00	15.86 0.12 0.00	15.78 0.10 0.00	15.66 0.07 0.00	16.17 0.08 0.00	18.55 0.08 0.00	22.68 0.09 0.00	26.57 0.12 0.00	30.61 0.16 0.00	26.50 0.09 -0.90	22.81 0.08 -1.29	21.57 0.05 -1.26	18.43 -0.03 -0.31	16.74 0.00 -0.38
V_E_10_SYNC_DSASP 323830	18.71 1.23 0.00	20.04 1.28 0.00	19.81 1.25 0.00	18.23 1.08 0.00	16.52 0.99 0.00	20.42 1.31 0.00	23.01 1.61 0.00	23.63 1.77 -0.01	24.16 1.74 0.00	18.50 1.00 0.00	18.14 0.85 0.00	16.49 0.75 0.00	16.34 0.67 0.00	16.23 0.64 0.00	16.71 0.61 0.00	19.21 0.74 0.00	23.90 1.32 0.00	28.49 2.04 0.00	33.11 2.66 0.00	27.72 2.21 0.00	23.05 1.62 0.00	21.70 1.44 0.00	19.33 1.17 0.00	17.35 0.98 0.00
V_F_30_NSYNC___DSASP 323816	18.14 0.66 0.00	19.44 0.69 0.00	19.26 0.70 0.00	17.81 0.66 0.00	16.12 0.58 0.00	19.84 0.74 0.00	22.26 0.86 0.00	22.75 0.89 0.00	23.26 0.85 0.00	18.02 0.52 0.00	17.74 0.45 0.00	16.16 0.42 0.00	16.08 0.41 0.00	16.00 0.41 0.00	16.54 0.45 0.00	19.05 0.57 0.00	23.51 0.92 0.00	27.60 1.15 0.00	31.77 1.32 0.00	26.63 1.12 0.00	22.44 1.00 0.00	21.22 0.96 0.00	19.00 0.84 0.00	17.04 0.67 0.00

V_F_30_SYNC_DSASP 323786	17.76 0.28 0.00	19.01 0.25 0.00	18.83 0.26 0.00	17.40 0.26 0.00	15.75 0.22 0.00	19.38 0.27 0.00	21.73 0.34 0.00	22.21 0.36 0.00	22.72 0.31 0.00	17.75 0.25 0.00	17.51 0.22 0.00	15.97 0.23 0.00	15.90 0.23 0.00	15.82 0.23 0.00	16.36 0.27 0.00	18.81 0.33 0.00	23.04 0.45 0.00	27.01 0.56 0.00	31.04 0.59 0.00	26.01 0.50 0.00	21.93 0.49 0.00	20.75 0.48 0.00	18.60 0.44 0.00	16.71 0.34 0.00
V_XM_10_SYNC_DSASP 323789	17.47 -0.02 0.00	18.68 -0.08 0.00	18.63 0.07 0.00	17.26 0.11 0.00	15.53 0.00 0.00	18.92 -0.19 0.00	21.11 -0.29 0.00	21.59 -0.26 0.00	22.39 -0.02 0.00	17.58 0.08 0.00	17.57 0.27 0.00	15.98 0.24 0.00	15.80 0.13 0.00	15.62 0.04 0.00	16.12 0.03 0.00	18.48 0.01 0.00	22.71 0.12 0.00	26.36 -0.09 0.00	30.51 0.06 0.00	-4.31 -0.15 29.67	-21.21 -0.06 42.58	-21.24 -0.09 41.41	7.85 -0.17 10.14	3.74 -0.22 12.40
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	18.08 0.60 0.00	19.39 0.63 0.00	19.19 0.63 0.00	17.70 0.54 0.00	16.03 0.50 0.00	19.74 0.63 0.00	22.18 0.78 0.00	22.76 0.90 0.00	23.31 0.89 0.00	18.21 0.71 0.00	18.02 0.72 0.00	16.48 0.73 0.00	16.43 0.76 0.00	16.34 0.75 0.00	16.91 0.81 0.00	19.44 0.97 0.00	23.72 1.14 0.00	27.80 1.35 0.00	31.98 1.53 0.00	26.77 1.27 0.00	22.55 1.12 0.00	21.32 1.05 0.00	19.14 0.99 0.00	17.23 0.86 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	18.27 0.79 0.00	19.57 0.81 0.00	19.37 0.81 0.00	17.87 0.72 0.00	16.18 0.64 0.00	19.90 0.79 0.00	22.34 0.94 0.00	22.92 1.07 0.00	23.48 1.07 0.00	18.36 0.86 0.00	18.19 0.91 0.00	16.64 0.90 0.00	16.59 0.91 0.00	16.48 0.89 0.00	17.06 0.97 0.00	19.63 1.15 0.00	23.89 1.30 0.00	27.97 1.52 0.00	32.13 1.68 0.00	26.91 1.40 0.00	22.70 1.27 0.00	21.45 1.19 0.00	19.27 1.11 0.00	17.35 0.98 0.00
W50THST__13_KV_LOAD 356117	18.35 0.86 0.00	19.65 0.89 0.00	19.46 0.89 0.00	17.95 0.80 0.00	16.25 0.72 0.00	20.00 0.89 0.00	22.45 1.05 0.00	23.03 1.18 0.00	23.60 1.19 0.00	18.46 0.96 0.00	18.29 1.00 0.00	16.73 0.99 0.00	16.68 1.01 0.00	16.57 0.98 0.00	17.15 1.06 0.00	19.74 1.26 0.00	24.02 1.43 0.00	28.12 1.67 0.00	32.30 1.85 0.00	27.04 1.53 0.00	22.81 1.37 0.00	21.54 1.28 0.00	19.34 1.18 0.00	17.41 1.05 0.00
WADING RIVER_IC_1 23522	18.67 1.19 0.00	19.94 1.18 0.00	19.70 1.13 0.00	18.14 0.99 0.00	16.41 0.87 0.00	20.17 1.06 0.00	22.50 1.10 0.00	23.07 1.21 0.00	23.35 0.95 0.00	18.31 0.81 0.00	18.30 1.01 0.00	16.68 0.94 0.00	16.60 0.93 0.00	16.51 0.92 0.00	17.15 1.06 0.00	19.74 1.26 0.00	23.68 1.09 0.00	27.07 1.24 0.61	31.84 1.40 0.01	26.74 1.23 0.00	22.65 1.21 0.00	21.38 1.11 0.00	19.42 1.27 0.00	17.51 1.14 0.00
WADING RIVER_IC_2 23547	18.67 1.19 0.00	19.94 1.18 0.00	19.70 1.13 0.00	18.14 0.99 0.00	16.41 0.87 0.00	20.17 1.06 0.00	22.50 1.10 0.00	23.07 1.21 0.00	23.35 0.95 0.00	18.31 0.81 0.00	18.30 1.01 0.00	16.68 0.94 0.00	16.60 0.93 0.00	16.51 0.92 0.00	17.15 1.06 0.00	19.74 1.26 0.00	23.68 1.09 0.00	27.07 1.24 0.61	31.84 1.40 0.01	26.74 1.23 0.00	22.65 1.21 0.00	21.38 1.11 0.00	19.42 1.27 0.00	17.51 1.14 0.00
WADING RIVER_IC_3 23601	18.67 1.19 0.00	19.94 1.18 0.00	19.70 1.13 0.00	18.14 0.99 0.00	16.41 0.87 0.00	20.17 1.06 0.00	22.50 1.10 0.00	23.07 1.21 0.00	23.35 0.95 0.00	18.31 0.81 0.00	18.30 1.01 0.00	16.68 0.94 0.00	16.60 0.93 0.00	16.51 0.92 0.00	17.15 1.06 0.00	19.74 1.26 0.00	23.68 1.09 0.00	27.07 1.24 0.61	31.84 1.40 0.01	26.74 1.23 0.00	22.65 1.21 0.00	21.38 1.11 0.00	19.42 1.27 0.00	17.51 1.14 0.00
WALDENNY_12_KV_BK2 80841	16.92 -0.57 0.00	18.22 -0.53 0.00	17.89 -0.67 0.00	16.49 -0.66 0.00	14.97 -0.57 0.00	18.48 -0.63 0.00	20.79 -0.61 0.00	21.44 -0.53 -0.11	22.08 -0.33 0.00	17.19 -0.31 0.00	16.96 -0.33 0.00	15.37 -0.37 0.00	15.35 -0.33 0.00	15.35 -0.24 0.00	15.77 -0.32 0.00	18.05 -0.43 0.00	21.88 -0.71 0.00	25.36 -1.09 0.00	29.28 -1.18 0.00	24.63 -0.87 0.00	20.36 -1.08 0.00	19.23 -1.03 0.00	17.17 -0.99 0.00	15.57 -0.80 0.00
WALDEN__HYDRO 24148	18.14 0.65 0.00	19.43 0.68 0.00	19.24 0.67 0.00	17.75 0.60 0.00	16.08 0.54 0.00	19.78 0.68 0.00	22.22 0.82 0.00	22.79 0.93 0.00	23.33 0.92 0.00	18.21 0.71 0.00	18.00 0.71 0.00	16.44 0.70 0.00	16.39 0.72 0.00	16.30 0.71 0.00	16.86 0.77 0.00	19.41 0.94 0.00	23.72 1.13 0.00	27.80 1.35 0.00	31.98 1.54 0.00	26.79 1.28 0.00	22.56 1.13 0.00	21.32 1.06 0.00	19.14 0.98 0.00	17.22 0.85 0.00
WARRENSBURG____ 23737	18.06 0.57 0.00	19.33 0.57 0.00	19.17 0.62 0.00	17.71 0.56 0.00	16.03 0.49 0.00	19.75 0.65 0.00	22.16 0.76 0.00	22.65 0.80 0.00	23.16 0.75 0.00	17.88 0.38 0.00	17.58 0.29 0.00	16.02 0.28 0.00	15.94 0.26 0.00	15.85 0.26 0.00	16.40 0.30 0.00	18.92 0.45 0.00	23.43 0.84 0.00	27.47 1.02 0.00	31.66 1.21 0.00	26.53 1.02 0.00	22.39 0.95 0.00	21.17 0.90 0.00	18.93 0.77 0.00	16.91 0.54 0.00
WATERSIDE____6 8 9 23538	18.37 0.89 0.00	19.68 0.92 0.00	19.49 0.92 -0.01	17.97 0.81 -0.01	16.27 0.72 -0.01	20.00 0.89 0.00	22.45 1.05 0.00	23.03 1.18 0.00	23.60 1.19 -0.01	18.45 0.95 0.00	18.27 0.99 0.00	16.72 0.97 0.00	16.66 0.99 0.00	16.55 0.96 0.00	17.13 1.04 0.00	19.71 1.23 0.00	23.94 1.36 0.00	28.07 1.62 0.00	32.24 1.79 0.00	26.99 1.48 0.00	22.79 1.35 0.00	21.52 1.26 0.00	19.32 1.17 0.00	17.41 1.04 0.00
WATKINRD_115KV_LN8_ILLION 55919	17.52 0.04 0.00	18.77 0.02 0.00	18.58 0.02 0.00	17.17 0.02 0.00	15.56 0.02 0.00	19.13 0.03 0.00	21.47 0.07 0.00	21.94 0.09 0.00	22.36 -0.05 0.00	17.33 -0.16 0.00	17.10 -0.19 0.00	15.59 -0.15 0.00	15.52 -0.16 0.00	15.44 -0.15 0.00	15.94 -0.15 0.00	18.36 -0.11 0.00	22.58 -0.01 0.00	26.58 0.13 0.00	30.64 0.19 0.00	25.66 0.16 0.00	21.60 0.16 0.00	20.43 0.17 0.00	18.31 0.15 0.00	16.45 0.08 0.00
WATSON____69_KV_BK 1 55734	18.77 1.29 0.00	20.04 1.29 0.00	19.80 1.24 0.00	18.23 1.08 0.00	16.50 0.96 0.00	20.29 1.18 0.00	22.63 1.23 0.00	23.19 1.34 0.00	23.51 1.10 0.00	18.45 0.95 0.00	18.45 1.17 0.00	16.82 1.08 0.00	16.75 1.08 0.00	16.67 1.08 0.00	17.33 1.23 0.00	19.91 1.44 0.00	23.94 1.35 0.00	27.41 1.54 0.58	32.19 1.75 0.01	27.02 1.51 0.00	22.89 1.45 0.00	21.62 1.36 0.00	19.62 1.46 0.00	17.68 1.32 0.00
WDELAWARE__HYD 323627	18.32 0.84 0.00	19.64 0.88 0.00	19.43 0.87 0.00	17.94 0.79 0.00	16.25 0.71 0.00	20.00 0.89 0.00	22.47 1.07 0.00	23.04 1.19 0.00	23.61 1.19 0.00	18.39 0.89 0.00	18.14 0.85 0.00	16.55 0.80 0.00	16.47 0.80 0.00	16.37 0.79 0.00	16.93 0.84 0.00	19.50 1.02 0.00	23.86 1.27 0.00	28.05 1.60 0.00	32.35 1.90 0.00	27.11 1.60 0.00	22.81 1.37 0.00	21.54 1.28 0.00	19.31 1.15 0.00	17.36 0.99 0.00

WEST BABYLON___IC 23714	18.71 1.23 0.00	19.99 1.23 0.00	19.75 1.19 0.00	18.18 1.03 0.00	16.45 0.92 0.00	20.23 1.12 0.00	22.57 1.17 0.00	23.14 1.28 0.00	23.49 1.08 0.00	18.43 0.93 0.00	18.41 1.12 0.00	16.79 1.05 0.00	16.73 1.05 0.00	16.64 1.06 0.00	17.29 1.20 0.00	19.85 1.37 0.00	23.87 1.29 0.00	27.39 1.47 0.52	32.09 1.65 0.01	26.92 1.42 0.00	22.83 1.39 0.00	21.60 1.34 0.00	19.59 1.44 0.00	17.65 1.28 0.00
WEST CANADA___HYD 24049	17.50 0.02 0.00	18.77 0.02 0.00	18.58 0.02 0.00	17.17 0.02 0.00	15.55 0.02 0.00	19.13 0.02 0.00	21.44 0.04 0.00	21.89 0.03 0.00	22.42 0.00 0.00	17.50 0.00 0.00	17.29 0.00 0.00	15.76 0.02 0.00	15.69 0.02 0.00	15.60 0.01 0.00	16.10 0.01 0.00	18.49 0.02 0.00	22.62 0.03 0.00	26.50 0.05 0.00	30.50 0.05 0.00	25.54 0.03 0.00	21.48 0.04 0.00	20.30 0.04 0.00	18.19 0.04 0.00	16.40 0.03 0.00
WESTERN_NY_WIND 24143	17.12 -0.36 0.00	18.46 -0.30 0.00	18.13 -0.43 0.00	16.71 -0.44 0.00	15.17 -0.36 0.00	18.74 -0.36 0.00	21.09 -0.31 0.00	21.60 -0.26 -0.01	22.33 -0.08 0.00	17.30 -0.20 0.00	16.93 -0.36 0.00	15.32 -0.43 0.00	15.29 -0.38 0.00	15.27 -0.32 0.00	15.69 -0.40 0.00	17.98 -0.49 0.00	21.93 -0.66 0.00	25.66 -0.79 0.00	29.77 -0.68 0.00	25.12 -0.39 0.00	20.79 -0.65 0.00	19.59 -0.67 0.00	17.48 -0.68 0.00	15.82 -0.54 0.00
WESTOVER___LESR 323668	17.46 -0.03 0.00	18.72 -0.04 0.00	18.51 -0.05 0.00	17.08 -0.07 0.00	15.50 -0.04 0.00	19.07 -0.04 0.00	21.40 0.00 0.00	21.93 0.06 -0.01	22.48 0.07 0.00	17.49 -0.01 0.00	17.31 0.02 0.00	15.80 0.05 0.00	15.72 0.05 0.00	15.67 0.08 0.00	16.15 0.06 0.00	18.54 0.06 0.00	22.69 0.10 0.00	26.50 0.05 0.00	30.61 0.16 0.00	25.65 0.15 0.00	21.41 -0.03 0.00	20.26 0.00 0.00	18.14 -0.01 0.00	16.32 -0.04 0.00
WETHRSFD_WT_PWR 323626	16.78 -0.70 0.00	18.00 -0.75 0.00	17.70 -0.85 0.00	16.29 -0.86 0.00	14.73 -0.80 0.00	18.16 -0.95 0.00	20.45 -0.95 0.00	21.11 -0.83 -0.09	21.76 -0.65 0.00	16.96 -0.53 0.00	16.76 -0.52 0.00	15.20 -0.54 0.00	15.11 -0.57 0.00	15.09 -0.50 0.00	15.53 -0.57 0.00	17.80 -0.68 0.00	21.61 -0.97 0.00	25.19 -1.26 0.00	29.05 -1.40 0.00	24.29 -1.22 0.00	20.04 -1.40 0.00	18.93 -1.33 0.00	16.92 -1.23 0.00	15.32 -1.05 0.00
WHAVSTOR_138KV_BK127 55557	18.01 0.53 0.00	19.31 0.56 0.00	19.12 0.56 0.00	17.63 0.48 0.00	15.98 0.44 0.00	19.67 0.56 0.00	22.10 0.70 0.00	22.68 0.82 0.00	23.21 0.80 0.00	18.14 0.64 0.00	17.95 0.66 0.00	16.42 0.68 0.00	16.37 0.70 0.00	16.28 0.69 0.00	16.84 0.75 0.00	19.36 0.89 0.00	23.62 1.03 0.00	27.68 1.22 0.00	31.82 1.37 0.00	26.65 1.14 0.00	22.45 1.01 0.00	21.23 0.96 0.00	19.07 0.91 0.00	17.16 0.79 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	18.01 0.53 0.00	19.31 0.56 0.00	19.12 0.56 0.00	17.63 0.48 0.00	15.98 0.44 0.00	19.67 0.56 0.00	22.10 0.70 0.00	22.68 0.82 0.00	23.21 0.80 0.00	18.14 0.64 0.00	17.95 0.66 0.00	16.42 0.68 0.00	16.37 0.70 0.00	16.28 0.69 0.00	16.84 0.75 0.00	19.36 0.89 0.00	23.62 1.03 0.00	27.68 1.22 0.00	31.82 1.37 0.00	26.65 1.14 0.00	22.45 1.01 0.00	21.23 0.96 0.00	19.07 0.91 0.00	17.16 0.79 0.00
WHITEHAL_115KV_TB1 80871	18.60 1.12 0.00	19.87 1.11 0.00	19.82 1.26 0.00	18.29 1.14 0.00	16.50 0.96 0.00	20.39 1.28 0.00	22.90 1.51 0.00	23.37 1.51 0.00	23.87 1.46 0.00	18.20 0.70 0.00	17.84 0.55 0.00	16.27 0.53 0.00	16.22 0.55 0.00	16.14 0.56 0.00	16.75 0.65 0.00	19.48 1.01 0.00	24.15 1.56 0.00	28.02 1.57 0.00	32.29 1.84 0.00	27.09 1.58 0.00	23.06 1.63 0.00	21.90 1.64 0.00	19.56 1.41 0.00	17.25 0.89 0.00
WHITEPLN_13_KV_LOAD 356215	18.34 0.86 0.00	19.64 0.88 0.00	19.42 0.86 0.00	17.92 0.77 0.00	16.22 0.69 0.00	19.95 0.85 0.00	22.40 1.01 0.00	22.99 1.14 0.00	23.55 1.14 0.00	18.41 0.91 0.00	18.24 0.95 0.00	16.68 0.94 0.00	16.62 0.95 0.00	16.53 0.94 0.00	17.11 1.02 0.00	19.68 1.21 0.00	23.99 1.41 0.00	28.10 1.65 0.00	32.31 1.86 0.00	27.05 1.54 0.00	22.81 1.38 0.00	21.55 1.29 0.00	19.35 1.19 0.00	17.41 1.04 0.00
WM_FLOYD_69_KV_BK2 356380	18.70 1.22 0.00	19.97 1.21 0.00	19.72 1.16 0.00	18.16 1.01 0.00	16.44 0.90 0.00	20.20 1.09 0.00	22.54 1.14 0.00	23.10 1.25 0.00	23.38 0.97 0.00	18.33 0.83 0.00	18.32 1.03 0.00	16.69 0.94 0.00	16.61 0.94 0.00	16.52 0.94 0.00	17.18 1.08 0.00	19.77 1.29 0.00	23.72 1.14 0.00	27.15 1.31 0.61	31.93 1.49 0.01	26.82 1.31 0.00	22.70 1.27 0.00	21.43 1.17 0.00	19.48 1.33 0.00	17.56 1.19 0.00
WOODARD__115KV_TB2 355635	17.19 -0.29 0.00	18.45 -0.30 0.00	18.23 -0.33 0.00	16.84 -0.31 0.00	15.26 -0.28 0.00	18.79 -0.32 0.00	21.02 -0.37 0.00	21.44 -0.42 0.00	21.96 -0.45 0.00	17.14 -0.36 0.00	16.93 -0.36 0.00	15.41 -0.33 0.00	15.35 -0.33 0.00	15.28 -0.31 0.00	15.76 -0.33 0.00	18.11 -0.37 0.00	22.13 -0.45 0.00	25.94 -0.51 0.00	29.92 -0.53 0.00	25.07 -0.44 0.00	20.99 -0.44 0.00	19.84 -0.42 0.00	17.77 -0.38 0.00	16.03 -0.33 0.00
YORK___WARBASSE 23770	18.34 0.86 0.00	19.67 0.90 0.00	19.50 0.93 -0.01	17.98 0.82 -0.01	16.28 0.74 -0.01	20.03 0.92 0.00	22.49 1.09 0.00	23.08 1.22 0.00	23.63 1.22 -0.01	18.47 0.97 0.00	18.30 1.01 0.00	16.73 0.98 0.00	16.68 1.00 0.00	16.56 0.97 0.00	17.14 1.05 0.00	19.73 1.25 0.00	23.99 1.41 0.00	28.14 1.69 0.00	32.32 1.88 0.00	27.07 1.56 0.00	22.85 1.42 0.00	21.59 1.32 0.00	19.37 1.22 0.00	17.45 1.08 0.00