

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$		--- Marginal Cost of Losses										--- Marginal Cost of Congestion												11/03/2024		
Generator Data																										
Name	PTID	00:00	01:00	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	21.54	22.46	23.10	21.76	22.75	20.47	17.35	17.49	38.96	18.08	16.23	17.02	14.75	16.23	16.30	20.98	27.46	39.33	41.28	46.89	34.71	28.33	18.78	18.35	17.34
		0.88	1.01	0.95	0.78	0.81	0.70	0.62	0.62	1.68	0.90	0.85	0.97	0.87	0.96	1.01	1.21	1.49	1.71	1.79	2.22	1.70	1.42	0.94	0.90	0.80
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	21.60	22.53	23.18	21.82	22.81	20.52	17.40	17.54	39.08	18.14	16.27	17.07	14.78	16.28	16.34	21.04	27.53	39.43	41.40	47.04	34.83	28.43	18.83	18.40	17.37
		0.95	1.08	1.03	0.84	0.87	0.75	0.66	0.68	1.80	0.96	0.89	1.01	0.90	1.01	1.05	1.27	1.55	1.81	1.90	2.37	1.82	1.51	0.99	0.95	0.84
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	21.60	22.53	23.18	21.82	22.81	20.52	17.40	17.54	39.08	18.14	16.27	17.07	14.78	16.28	16.34	21.04	27.53	39.43	41.40	47.04	34.83	28.43	18.83	18.40	17.37
		0.95	1.08	1.03	0.84	0.87	0.75	0.66	0.68	1.80	0.96	0.89	1.01	0.90	1.01	1.05	1.27	1.55	1.81	1.90	2.37	1.82	1.51	0.99	0.95	0.84
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	21.58	22.44	23.14	21.98	23.00	20.74	17.68	17.82	39.43	17.99	16.10	16.68	14.45	15.87	16.00	20.69	27.39	39.83	41.95	47.51	35.12	28.51	18.86	18.47	17.46
		0.92	1.00	0.99	1.00	1.05	0.96	0.94	0.96	2.15	0.82	0.71	0.63	0.57	0.60	0.71	0.92	1.42	2.21	2.45	2.83	2.11	1.60	1.02	1.02	0.93
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	21.63	22.50	23.21	22.08	23.08	20.82	17.79	17.93	39.65	18.04	16.14	16.69	14.47	15.90	16.06	20.74	27.54	40.06	42.26	47.89	35.40	28.68	18.96	18.59	17.57
		0.97	1.05	1.07	1.09	1.14	1.05	1.06	1.07	2.37	0.86	0.76	0.63	0.59	0.63	0.77	0.97	1.57	2.44	2.77	3.21	2.39	1.76	1.12	1.14	1.05
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	21.58	22.44	23.14	21.98	23.00	20.74	17.68	17.82	39.43	17.99	16.10	16.68	14.45	15.87	16.00	20.69	27.39	39.83	41.95	47.51	35.12	28.51	18.86	18.47	17.46
		0.92	1.00	0.99	1.00	1.05	0.96	0.94	0.96	2.15	0.82	0.71	0.63	0.57	0.60	0.71	0.92	1.42	2.21	2.45	2.83	2.11	1.60	1.02	1.02	0.93
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	21.62	22.52	23.19	22.01	23.01	20.77	17.68	17.84	39.49	18.16	16.27	16.85	14.57	16.01	16.13	20.92	27.50	39.67	41.46	46.94	34.74	28.47	18.90	18.50	17.51
		0.96	1.08	1.05	1.03	1.06	0.99	0.94	0.98	2.21	0.98	0.88	0.79	0.69	0.74	0.84	1.15	1.52	2.05	1.97	2.27	1.73	1.56	1.06	1.04	0.98
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	21.11	21.96	22.62	21.43	22.50	20.28	17.18	17.32	38.34	17.65	15.83	16.51	14.28	15.70	15.77	20.38	26.72	38.59	40.47	45.78	33.89	27.66	18.34	17.92	16.96
		0.45	0.52	0.48	0.45	0.56	0.50	0.44	0.46	1.06	0.47	0.44	0.45	0.40	0.42	0.48	0.61	0.75	0.97	0.97	1.11	0.88	0.74	0.50	0.47	0.43
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	20.90	21.73	22.48	21.33	22.30	20.07	16.92	17.03	37.62	17.34	15.53	16.17	13.95	15.36	15.39	19.99	26.28	38.21	40.16	45.32	33.47	27.31	18.10	17.69	16.74
		0.25	0.29	0.34	0.35	0.36	0.30	0.18	0.17	0.34	0.16	0.14	0.11	0.08	0.09	0.10	0.22	0.31	0.59	0.66	0.65	0.46	0.39	0.25	0.24	0.21
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	21.44	22.29	22.96	21.73	22.79	20.55	17.43	17.60	38.83	17.72	15.85	16.51	14.28	15.69	15.75	20.38	26.94	39.15	41.10	46.47	34.39	28.07	18.61	18.18	17.17
		0.78	0.84	0.81	0.75	0.85	0.78	0.69	0.74	1.55	0.54	0.46	0.45	0.40	0.42	0.46	0.61	0.97	1.53	1.60	1.80	1.38	1.15	0.77	0.73	0.64
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	21.43	22.28	22.95	21.72	22.79	20.55	17.43	17.59	38.81	17.71	15.84	16.51	14.28	15.69	15.75	20.37	26.93	39.13	41.08	46.45	34.38	28.06	18.60	18.18	17.17
		0.77	0.84	0.81	0.74	0.85	0.78	0.69	0.72	1.53	0.53	0.45	0.45	0.40	0.41	0.46	0.60	0.96	1.52	1.58	1.78	1.36	1.15	0.76	0.73	0.64
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	21.11	21.96	22.62	21.43	22.50	20.28	17.18	17.32	38.34	17.65	15.83	16.51	14.28	15.70	15.77	20.38	26.72	38.59	40.47	45.78	33.89	27.66	18.34	17.92	16.96
		0.45	0.52	0.48	0.45	0.56	0.50	0.44	0.46	1.06	0.47	0.44	0.45	0.40	0.42	0.48	0.61	0.75	0.97	0.97	1.11	0.88	0.74	0.50	0.47	0.43
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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		21.11	21.96	22.62	21.43	22.50	20.28	17.18	17.32	38.34	17.65	15.83	16.51	14.28	15.70	15.77	20.38	26.72	38.59	40.47	45.78	33.89	27.66	18.34	17.92	16.96

23572	0.45 0.00	0.52 0.00	0.48 0.00	0.45 0.00	0.56 0.00	0.50 0.00	0.44 0.00	0.46 0.00	1.06 0.00	0.47 0.00	0.44 0.00	0.45 0.00	0.40 0.00	0.42 0.00	0.48 0.00	0.61 0.00	0.75 0.00	0.97 0.00	0.97 0.00	1.11 0.00	0.88 0.00	0.74 0.00	0.50 0.00	0.47 0.00	0.43 0.00
ALBANY___3 23573	21.11 0.45 0.00	21.96 0.52 0.00	22.62 0.48 0.00	21.43 0.45 0.00	22.50 0.56 0.00	20.28 0.50 0.00	17.18 0.44 0.00	17.32 0.46 0.00	38.34 1.06 0.00	17.65 0.47 0.00	15.83 0.44 0.00	16.51 0.45 0.00	14.28 0.40 0.00	15.70 0.42 0.00	15.77 0.48 0.00	20.38 0.61 0.00	26.72 0.75 0.00	38.59 0.97 0.00	40.47 0.97 0.00	45.78 1.11 0.00	33.89 0.88 0.00	27.66 0.74 0.00	18.34 0.50 0.00	17.92 0.47 0.00	16.96 0.43 0.00
ALBANY___4 23574	21.11 0.45 0.00	21.96 0.52 0.00	22.62 0.48 0.00	21.43 0.45 0.00	22.50 0.56 0.00	20.28 0.50 0.00	17.18 0.44 0.00	17.32 0.46 0.00	38.34 1.06 0.00	17.65 0.47 0.00	15.83 0.44 0.00	16.51 0.45 0.00	14.28 0.40 0.00	15.70 0.42 0.00	15.77 0.48 0.00	20.38 0.61 0.00	26.72 0.75 0.00	38.59 0.97 0.00	40.47 0.97 0.00	45.78 1.11 0.00	33.89 0.88 0.00	27.66 0.74 0.00	18.34 0.50 0.00	17.92 0.47 0.00	16.96 0.43 0.00
ALBANY___LFGE 323615	21.26 0.60 0.00	22.12 0.67 0.00	22.78 0.64 0.00	21.58 0.60 0.00	22.64 0.70 0.00	20.40 0.63 0.00	17.30 0.57 0.00	17.44 0.57 0.00	38.60 1.32 0.00	17.77 0.59 0.00	15.93 0.54 0.00	16.60 0.54 0.00	14.36 0.48 0.00	15.79 0.52 0.00	15.87 0.58 0.00	20.52 0.75 0.00	26.93 0.96 0.00	38.91 1.30 0.00	40.81 1.31 0.00	46.17 1.50 0.00	34.16 1.15 0.00	27.87 0.96 0.00	18.48 0.63 0.00	18.05 0.60 0.00	17.07 0.55 0.00
ALCOA_PA_115KV_PL-6C 55860	20.97 0.31 0.00	21.80 0.35 0.00	22.55 0.41 0.00	21.40 0.41 0.00	22.37 0.43 0.00	20.13 0.36 0.00	16.97 0.23 0.00	17.08 0.22 0.00	37.73 0.45 0.00	17.39 0.21 0.00	15.57 0.18 0.00	16.22 0.16 0.00	13.99 0.11 0.00	15.41 0.14 0.00	15.44 0.14 0.00	20.05 0.28 0.00	26.37 0.39 0.00	38.32 0.70 0.00	40.27 0.78 0.00	45.45 0.78 0.00	33.56 0.55 0.00	27.38 0.46 0.00	18.14 0.30 0.00	17.74 0.29 0.00	16.79 0.26 0.00
ALCOA_RYNLDS___DRP 24188	20.97 0.31 0.00	21.80 0.35 0.00	22.55 0.41 0.00	21.40 0.41 0.00	22.37 0.43 0.00	20.13 0.36 0.00	16.97 0.23 0.00	17.08 0.22 0.00	37.73 0.45 0.00	17.39 0.21 0.00	15.57 0.18 0.00	16.22 0.16 0.00	13.99 0.11 0.00	15.41 0.14 0.00	15.44 0.14 0.00	20.05 0.28 0.00	26.37 0.39 0.00	38.32 0.70 0.00	40.27 0.78 0.00	45.45 0.78 0.00	33.56 0.55 0.00	27.38 0.46 0.00	18.14 0.30 0.00	17.74 0.29 0.00	16.79 0.26 0.00
ALCOA___DSASP 323711	20.97 0.31 0.00	21.79 0.35 0.00	22.55 0.41 0.00	21.40 0.41 0.00	22.37 0.43 0.00	20.13 0.36 0.00	16.97 0.23 0.00	17.08 0.22 0.00	37.73 0.45 0.00	17.39 0.21 0.00	15.57 0.18 0.00	16.22 0.16 0.00	13.99 0.11 0.00	15.41 0.14 0.00	15.44 0.14 0.00	20.05 0.28 0.00	26.37 0.39 0.00	38.32 0.70 0.00	40.27 0.77 0.00	45.45 0.77 0.00	33.56 0.55 0.00	27.38 0.46 0.00	18.14 0.30 0.00	17.74 0.29 0.00	16.79 0.26 0.00
ALLEGHENY___COGEN 23514	20.95 0.29 0.00	21.63 0.18 0.00	22.48 0.34 0.00	21.21 0.23 0.00	22.10 0.16 0.00	19.84 0.06 0.00	16.86 0.12 0.00	17.07 0.21 0.00	37.76 0.49 0.00	17.01 -0.17 0.00	14.86 -0.53 0.00	15.56 -0.50 0.00	13.46 -0.42 0.00	14.84 -0.43 0.00	14.81 -0.48 0.00	18.89 -0.88 0.00	25.02 -0.95 0.00	37.19 -0.42 0.00	39.34 -0.15 0.00	44.32 -0.35 0.00	32.52 -0.50 0.00	26.38 -0.54 0.00	17.36 -0.49 0.00	16.99 -0.46 0.00	16.01 -0.51 0.00
ALTAMONT_115KV_TB 2 55880	21.08 0.42 0.00	21.92 0.48 0.00	22.59 0.45 0.00	21.39 0.41 0.00	22.42 0.48 0.00	20.20 0.42 0.00	17.13 0.40 0.00	17.27 0.41 0.00	38.23 0.95 0.00	17.59 0.41 0.00	15.77 0.39 0.00	16.45 0.39 0.00	14.23 0.35 0.00	15.65 0.37 0.00	15.71 0.41 0.00	20.31 0.53 0.00	26.62 0.65 0.00	38.47 0.86 0.00	40.39 0.89 0.00	45.71 1.04 0.00	33.83 0.81 0.00	27.60 0.68 0.00	18.29 0.45 0.00	17.89 0.43 0.00	16.92 0.39 0.00
ALTONA_WT_PWR 323606	21.64 0.99 0.00	22.62 1.17 0.00	23.57 1.43 0.00	22.28 1.30 0.00	23.23 1.29 0.00	20.89 1.11 0.00	17.72 0.99 0.00	17.80 0.94 0.00	39.35 2.07 0.00	18.08 0.90 0.00	16.29 0.91 0.00	16.85 0.78 0.00	14.51 0.63 0.00	15.93 0.65 0.00	16.02 0.73 0.00	20.90 1.12 0.00	27.38 1.41 0.00	39.79 2.17 0.00	41.83 2.33 0.00	47.29 2.62 0.00	34.91 1.90 0.00	28.27 1.35 0.00	18.71 0.86 0.00	18.32 0.86 0.00	17.23 0.70 0.00
AMERICAN_REF_FUEL 24010	19.34 -1.32 0.00	20.03 -1.41 0.00	20.95 -1.20 0.00	19.76 -1.22 0.00	20.55 -1.40 0.00	18.37 -1.40 0.00	15.58 -1.16 0.00	15.71 -1.15 0.00	34.60 -2.68 0.00	15.98 -1.20 0.00	14.19 -1.20 0.00	14.90 -1.16 0.00	12.88 -1.00 0.00	14.24 -1.03 0.00	14.14 -1.15 0.00	17.90 -1.87 0.00	23.47 -2.50 0.00	34.04 -3.57 0.00	35.59 -3.91 0.00	39.90 -4.77 0.00	29.36 -3.65 0.00	23.94 -2.98 0.00	15.98 -1.87 0.00	15.81 -1.65 0.00	15.06 -1.47 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	20.40 -0.26 0.00	20.99 -0.45 0.00	21.90 -0.25 0.00	20.62 -0.36 0.00	21.43 -0.52 0.00	19.10 -0.67 0.00	16.12 -0.61 0.00	16.24 -0.62 0.00	35.91 -1.37 0.00	16.41 -0.76 0.00	14.78 -0.61 0.00	15.70 -0.36 0.00	13.53 -0.35 0.00	14.89 -0.38 0.00	14.86 -0.44 0.00	18.84 -0.93 0.00	24.78 -1.19 0.00	35.76 -1.86 0.00	37.23 -2.26 0.00	41.64 -3.03 0.00	30.33 -2.68 0.00	24.40 -2.52 0.00	16.07 -1.77 0.00	15.91 -1.54 0.00	15.01 -1.52 0.00
ARTHUR_KILL_GT_1 23520	21.60 0.95 0.00	22.55 1.10 0.00	23.21 1.07 0.00	21.85 0.88 0.00	22.83 0.89 0.00	20.53 0.75 0.00	17.39 0.66 0.00	17.54 0.67 0.00	39.01 1.73 0.00	18.12 0.94 0.00	16.24 0.85 0.00	16.99 0.93 0.00	14.70 0.82 0.00	16.18 0.91 0.00	16.25 0.95 0.00	20.93 1.16 0.00	27.38 1.41 0.00	39.12 1.51 0.00	41.14 1.64 0.00	46.80 2.13 0.00	34.76 1.75 0.00	28.46 1.54 0.00	18.83 0.99 0.00	18.38 0.93 0.00	17.37 0.83 0.00
ARTHUR_KILL_2 23512	21.56 0.90 0.00	22.49 1.05 0.00	23.15 1.01 0.00	21.81 0.83 0.00	22.77 0.83 0.00	20.48 0.70 0.00	17.35 0.62 0.00	17.49 0.63 0.00	38.93 1.65 0.00	18.07 0.89 0.00	16.21 0.82 0.00	16.95 0.89 0.00	14.67 0.79 0.00	16.15 0.88 0.00	16.21 0.92 0.00	20.88 1.11 0.00	27.32 1.35 0.00	39.02 1.40 0.00	41.02 1.53 0.00	46.66 1.99 0.00	34.67 1.65 0.00	28.38 1.46 0.00	18.78 0.94 0.00	18.33 0.88 0.00	17.32 0.79 0.00
ARTHUR_KILL_3 23513	21.41 0.75 0.00	22.33 0.89 0.00	22.97 0.83 0.00	21.63 0.65 0.00	22.60 0.66 0.00	20.34 0.56 0.00	17.24 0.50 0.00	17.38 0.51 0.00	38.73 1.45 0.00	17.98 0.80 0.00	16.12 0.73 0.00	16.90 0.84 0.00	14.63 0.75 0.00	16.10 0.83 0.00	16.17 0.88 0.00	20.81 1.04 0.00	27.24 1.27 0.00	39.01 1.39 0.00	40.94 1.44 0.00	46.56 1.89 0.00	34.47 1.46 0.00	28.13 1.21 0.00	18.65 0.80 0.00	18.23 0.77 0.00	17.22 0.69 0.00
ARTHUR_KILL_COGEN	21.60	22.55	23.21	21.85	22.83	20.53	17.39	17.54	39.01	18.12	16.24	16.99	14.70	16.18	16.25	20.93	27.38	39.12	41.14	46.80	34.76	28.46	18.83	18.38	17.37

323718	0.95 0.00	1.10 0.00	1.07 0.00	0.88 0.00	0.89 0.00	0.75 0.00	0.66 0.00	0.67 0.00	1.73 0.00	0.94 0.00	0.85 0.00	0.93 0.00	0.82 0.00	0.91 0.00	0.95 0.00	1.16 0.00	1.41 0.00	1.51 0.00	1.64 0.00	2.13 0.00	1.75 0.00	1.54 0.00	0.99 0.00	0.93 0.00	0.83 0.00
ASHOKAN____ 23654	21.51 0.85 0.00	22.33 0.89 0.00	23.06 0.92 0.00	21.84 0.86 0.00	22.92 0.98 0.00	20.69 0.92 0.00	17.57 0.84 0.00	17.79 0.92 0.00	39.32 2.04 0.00	17.99 0.81 0.00	16.03 0.64 0.00	16.63 0.57 0.00	14.36 0.48 0.00	15.77 0.50 0.00	15.84 0.55 0.00	20.54 0.77 0.00	27.12 1.15 0.00	39.62 2.01 0.00	41.85 2.35 0.00	47.33 2.66 0.00	34.99 1.97 0.00	28.50 1.59 0.00	18.87 1.03 0.00	18.39 0.94 0.00	17.35 0.82 0.00
ASTORIA_EAST_ENERGY_CC1 323581	21.44 0.78 0.00	22.38 0.93 0.00	23.01 0.86 0.00	21.65 0.67 0.00	22.63 0.69 0.00	20.35 0.57 0.00	17.24 0.51 0.00	17.39 0.52 0.00	38.68 1.40 0.00	17.98 0.80 0.00	16.14 0.75 0.00	16.91 0.85 0.00	14.66 0.79 0.00	16.14 0.87 0.00	16.21 0.91 0.00	20.87 1.10 0.00	27.31 1.34 0.00	39.08 1.46 0.00	41.04 1.54 0.00	46.66 1.98 0.00	34.60 1.59 0.00	28.29 1.38 0.00	18.70 0.86 0.00	18.26 0.81 0.00	17.25 0.72 0.00
ASTORIA_EAST_ENERGY_CC2 323582	21.44 0.78 0.00	22.38 0.93 0.00	23.01 0.86 0.00	21.65 0.67 0.00	22.63 0.69 0.00	20.35 0.57 0.00	17.24 0.51 0.00	17.39 0.52 0.00	38.68 1.40 0.00	17.98 0.80 0.00	16.14 0.75 0.00	16.91 0.85 0.00	14.66 0.79 0.00	16.14 0.87 0.00	16.21 0.91 0.00	20.87 1.10 0.00	27.31 1.34 0.00	39.08 1.46 0.00	41.04 1.54 0.00	46.66 1.98 0.00	34.60 1.59 0.00	28.29 1.38 0.00	18.70 0.86 0.00	18.26 0.81 0.00	17.25 0.72 0.00
ASTORIA_GT2_1 24094	21.44 0.78 0.00	22.38 0.93 0.00	23.01 0.86 0.00	21.65 0.67 0.00	22.63 0.69 0.00	20.35 0.57 0.00	17.24 0.51 0.00	17.39 0.52 0.00	38.68 1.40 0.00	17.98 0.79 0.00	16.14 0.75 0.00	16.91 0.85 0.00	14.66 0.79 0.00	16.14 0.87 0.00	16.21 0.91 0.00	20.87 1.10 0.00	27.31 1.34 0.00	39.08 1.46 0.00	41.04 1.54 0.00	46.66 1.98 0.00	34.60 1.59 0.00	28.29 1.38 0.00	18.70 0.86 0.00	18.26 0.81 0.00	17.25 0.72 0.00
ASTORIA_GT2_2 24095	21.44 0.78 0.00	22.38 0.93 0.00	23.01 0.86 0.00	21.65 0.67 0.00	22.63 0.69 0.00	20.35 0.57 0.00	17.24 0.51 0.00	17.39 0.52 0.00	38.68 1.40 0.00	17.98 0.79 0.00	16.14 0.75 0.00	16.91 0.85 0.00	14.66 0.79 0.00	16.14 0.87 0.00	16.21 0.91 0.00	20.87 1.10 0.00	27.31 1.34 0.00	39.08 1.46 0.00	41.04 1.54 0.00	46.66 1.98 0.00	34.60 1.59 0.00	28.29 1.38 0.00	18.70 0.86 0.00	18.26 0.81 0.00	17.25 0.72 0.00
ASTORIA_GT2_3 24096	21.44 0.78 0.00	22.38 0.93 0.00	23.01 0.86 0.00	21.65 0.67 0.00	22.63 0.69 0.00	20.35 0.57 0.00	17.24 0.51 0.00	17.39 0.52 0.00	38.68 1.40 0.00	17.98 0.79 0.00	16.14 0.75 0.00	16.91 0.85 0.00	14.66 0.79 0.00	16.14 0.87 0.00	16.21 0.91 0.00	20.87 1.10 0.00	27.31 1.34 0.00	39.08 1.46 0.00	41.04 1.54 0.00	46.66 1.98 0.00	34.60 1.59 0.00	28.29 1.38 0.00	18.70 0.86 0.00	18.26 0.81 0.00	17.25 0.72 0.00
ASTORIA_GT2_4 24097	21.44 0.78 0.00	22.38 0.93 0.00	23.01 0.86 0.00	21.65 0.67 0.00	22.63 0.69 0.00	20.35 0.57 0.00	17.24 0.51 0.00	17.39 0.52 0.00	38.68 1.40 0.00	17.98 0.79 0.00	16.14 0.75 0.00	16.91 0.85 0.00	14.66 0.79 0.00	16.14 0.87 0.00	16.21 0.91 0.00	20.87 1.10 0.00	27.31 1.34 0.00	39.08 1.46 0.00	41.04 1.54 0.00	46.66 1.98 0.00	34.60 1.59 0.00	28.29 1.38 0.00	18.70 0.86 0.00	18.26 0.81 0.00	17.25 0.72 0.00
ASTORIA_GT3_1 24098	21.44 0.78 0.00	22.38 0.93 0.00	23.01 0.86 0.00	21.65 0.67 0.00	22.63 0.69 0.00	20.35 0.57 0.00	17.24 0.51 0.00	17.39 0.52 0.00	38.68 1.40 0.00	17.98 0.79 0.00	16.14 0.75 0.00	16.91 0.85 0.00	14.66 0.79 0.00	16.14 0.87 0.00	16.21 0.91 0.00	20.87 1.10 0.00	27.31 1.34 0.00	39.08 1.46 0.00	41.04 1.54 0.00	46.66 1.98 0.00	34.60 1.59 0.00	28.29 1.38 0.00	18.70 0.86 0.00	18.26 0.81 0.00	17.25 0.72 0.00
ASTORIA_GT3_2 24099	21.44 0.78 0.00	22.38 0.93 0.00	23.01 0.86 0.00	21.65 0.67 0.00	22.63 0.69 0.00	20.35 0.57 0.00	17.24 0.51 0.00	17.39 0.52 0.00	38.68 1.40 0.00	17.98 0.79 0.00	16.14 0.75 0.00	16.91 0.85 0.00	14.66 0.79 0.00	16.14 0.87 0.00	16.21 0.91 0.00	20.87 1.10 0.00	27.31 1.34 0.00	39.08 1.46 0.00	41.04 1.54 0.00	46.66 1.98 0.00	34.60 1.59 0.00	28.29 1.38 0.00	18.70 0.86 0.00	18.26 0.81 0.00	17.25 0.72 0.00
ASTORIA_GT3_3 24100	21.44 0.78 0.00	22.38 0.93 0.00	23.01 0.86 0.00	21.65 0.67 0.00	22.63 0.69 0.00	20.35 0.57 0.00	17.24 0.51 0.00	17.39 0.52 0.00	38.68 1.40 0.00	17.98 0.79 0.00	16.14 0.75 0.00	16.91 0.85 0.00	14.66 0.79 0.00	16.14 0.87 0.00	16.21 0.91 0.00	20.87 1.10 0.00	27.31 1.34 0.00	39.08 1.46 0.00	41.04 1.54 0.00	46.66 1.98 0.00	34.60 1.59 0.00	28.29 1.38 0.00	18.70 0.86 0.00	18.26 0.81 0.00	17.25 0.72 0.00
ASTORIA_GT3_4 24101	21.44 0.78 0.00	22.38 0.93 0.00	23.01 0.86 0.00	21.65 0.67 0.00	22.63 0.69 0.00	20.35 0.57 0.00	17.24 0.51 0.00	17.39 0.52 0.00	38.68 1.40 0.00	17.98 0.79 0.00	16.14 0.75 0.00	16.91 0.85 0.00	14.66 0.79 0.00	16.14 0.87 0.00	16.21 0.91 0.00	20.87 1.10 0.00	27.31 1.34 0.00	39.08 1.46 0.00	41.04 1.54 0.00	46.66 1.98 0.00	34.60 1.59 0.00	28.29 1.38 0.00	18.70 0.86 0.00	18.26 0.81 0.00	17.25 0.72 0.00
ASTORIA_GT4_1 24102	21.44 0.78 0.00	22.38 0.93 0.00	23.01 0.86 0.00	21.65 0.67 0.00	22.63 0.69 0.00	20.35 0.57 0.00	17.24 0.51 0.00	17.39 0.52 0.00	38.68 1.40 0.00	17.98 0.79 0.00	16.14 0.75 0.00	16.91 0.85 0.00	14.66 0.79 0.00	16.14 0.87 0.00	16.21 0.91 0.00	20.87 1.10 0.00	27.31 1.34 0.00	39.08 1.46 0.00	41.04 1.54 0.00	46.66 1.98 0.00	34.60 1.59 0.00	28.29 1.38 0.00	18.70 0.86 0.00	18.26 0.81 0.00	17.25 0.72 0.00
ASTORIA_GT4_2 24103	21.44 0.78 0.00	22.38 0.93 0.00	23.01 0.86 0.00	21.65 0.67 0.00	22.63 0.69 0.00	20.35 0.57 0.00	17.24 0.51 0.00	17.39 0.52 0.00	38.68 1.40 0.00	17.98 0.79 0.00	16.14 0.75 0.00	16.91 0.85 0.00	14.66 0.79 0.00	16.14 0.87 0.00	16.21 0.91 0.00	20.87 1.10 0.00	27.31 1.34 0.00	39.08 1.46 0.00	41.04 1.54 0.00	46.66 1.98 0.00	34.60 1.59 0.00	28.29 1.38 0.00	18.70 0.86 0.00	18.26 0.81 0.00	17.25 0.72 0.00
ASTORIA_GT4_3 24104	21.44 0.78 0.00	22.38 0.93 0.00	23.01 0.86 0.00	21.65 0.67 0.00	22.63 0.69 0.00	20.35 0.57 0.00	17.24 0.51 0.00	17.39 0.52 0.00	38.68 1.40 0.00	17.98 0.79 0.00	16.14 0.75 0.00	16.91 0.85 0.00	14.66 0.79 0.00	16.14 0.87 0.00	16.21 0.91 0.00	20.87 1.10 0.00	27.31 1.34 0.00	39.08 1.46 0.00	41.04 1.54 0.00	46.66 1.98 0.00	34.60 1.59 0.00	28.29 1.38 0.00	18.70 0.86 0.00	18.26 0.81 0.00	17.25 0.72 0.00
ASTORIA_GT4_4	21.44	22.38	23.01	21.65	22.63	20.35	17.24	17.39	38.68	17.98	16.14	16.91	14.66	16.14	16.21	20.87	27.31	39.08	41.04	46.66	34.60	28.29	18.70	18.26	17.25

24105	0.78 0.00	0.93 0.00	0.86 0.00	0.67 0.00	0.69 0.00	0.57 0.00	0.51 0.00	0.52 0.00	1.40 0.00	0.79 0.00	0.75 0.00	0.85 0.00	0.79 0.00	0.87 0.00	0.91 0.00	1.10 0.00	1.34 0.00	1.46 0.00	1.54 0.00	1.98 0.00	1.59 0.00	1.38 0.00	0.86 0.00	0.81 0.00	0.72 0.00
ASTORIA_GT_1 23523	21.47 0.81 0.00	22.41 0.96 0.00	23.03 0.89 0.00	21.68 0.70 0.00	22.65 0.71 0.00	20.37 0.60 0.00	17.26 0.53 0.00	17.41 0.54 0.00	38.75 1.46 0.00	18.00 0.82 0.00	16.17 0.78 0.00	16.94 0.88 0.00	14.68 0.80 0.00	16.16 0.89 0.00	16.23 0.94 0.00	20.90 1.13 0.00	27.35 1.37 0.00	39.13 1.52 0.00	41.11 1.61 0.00	46.73 2.05 0.00	34.66 1.64 0.00	28.34 1.42 0.00	18.73 0.89 0.00	18.29 0.84 0.00	17.27 0.74 0.00
ASTORIA_GT_10 24110	21.47 0.81 0.00	22.40 0.96 0.00	23.05 0.91 0.00	21.70 0.72 0.00	22.69 0.75 0.00	20.41 0.64 0.00	17.30 0.57 0.00	17.43 0.57 0.00	38.80 1.52 0.00	18.02 0.84 0.00	16.18 0.79 0.00	16.97 0.91 0.00	14.70 0.82 0.00	16.18 0.91 0.00	16.24 0.95 0.00	20.90 1.13 0.00	27.32 1.35 0.00	39.08 1.47 0.00	41.03 1.53 0.00	46.63 1.96 0.00	34.57 1.56 0.00	28.25 1.33 0.00	18.71 0.87 0.00	18.28 0.83 0.00	17.27 0.74 0.00
ASTORIA_GT_11 24225	21.47 0.81 0.00	22.40 0.96 0.00	23.05 0.91 0.00	21.70 0.72 0.00	22.69 0.75 0.00	20.41 0.64 0.00	17.30 0.57 0.00	17.43 0.57 0.00	38.80 1.52 0.00	18.02 0.84 0.00	16.18 0.79 0.00	16.97 0.91 0.00	14.70 0.82 0.00	16.18 0.91 0.00	16.24 0.95 0.00	20.90 1.13 0.00	27.32 1.35 0.00	39.08 1.47 0.00	41.03 1.53 0.00	46.63 1.96 0.00	34.57 1.56 0.00	28.25 1.33 0.00	18.71 0.87 0.00	18.28 0.83 0.00	17.27 0.74 0.00
ASTORIA_GT_12 24226	21.47 0.81 0.00	22.40 0.96 0.00	23.05 0.91 0.00	21.70 0.72 0.00	22.69 0.75 0.00	20.41 0.64 0.00	17.30 0.57 0.00	17.43 0.57 0.00	38.80 1.52 0.00	18.02 0.84 0.00	16.18 0.79 0.00	16.97 0.91 0.00	14.70 0.82 0.00	16.18 0.91 0.00	16.24 0.95 0.00	20.90 1.13 0.00	27.32 1.35 0.00	39.08 1.47 0.00	41.03 1.53 0.00	46.63 1.96 0.00	34.57 1.56 0.00	28.25 1.33 0.00	18.71 0.87 0.00	18.28 0.83 0.00	17.27 0.74 0.00
ASTORIA_GT_13 24227	21.47 0.81 0.00	22.40 0.96 0.00	23.05 0.91 0.00	21.70 0.72 0.00	22.69 0.75 0.00	20.41 0.64 0.00	17.30 0.57 0.00	17.43 0.57 0.00	38.80 1.52 0.00	18.02 0.84 0.00	16.18 0.79 0.00	16.97 0.91 0.00	14.70 0.82 0.00	16.18 0.91 0.00	16.24 0.95 0.00	20.90 1.13 0.00	27.32 1.35 0.00	39.08 1.47 0.00	41.03 1.53 0.00	46.63 1.96 0.00	34.57 1.56 0.00	28.25 1.33 0.00	18.71 0.87 0.00	18.28 0.83 0.00	17.27 0.74 0.00
ASTORIA_GT_5 24106	21.46 0.81 0.00	22.41 0.96 0.00	23.03 0.89 0.00	21.68 0.70 0.00	22.65 0.71 0.00	20.37 0.60 0.00	17.26 0.53 0.00	17.41 0.54 0.00	38.75 1.46 0.00	18.00 0.82 0.00	16.17 0.78 0.00	16.94 0.88 0.00	14.68 0.80 0.00	16.16 0.89 0.00	16.23 0.94 0.00	20.90 1.13 0.00	27.34 1.37 0.00	39.13 1.52 0.00	41.11 1.61 0.00	46.73 2.05 0.00	34.66 1.64 0.00	28.33 1.42 0.00	18.73 0.89 0.00	18.29 0.84 0.00	17.27 0.74 0.00
ASTORIA_GT_7 24107	21.46 0.81 0.00	22.41 0.96 0.00	23.03 0.89 0.00	21.68 0.70 0.00	22.65 0.71 0.00	20.37 0.60 0.00	17.26 0.53 0.00	17.41 0.54 0.00	38.75 1.46 0.00	18.00 0.82 0.00	16.17 0.78 0.00	16.94 0.88 0.00	14.68 0.80 0.00	16.16 0.89 0.00	16.23 0.94 0.00	20.90 1.13 0.00	27.34 1.37 0.00	39.13 1.52 0.00	41.11 1.61 0.00	46.73 2.05 0.00	34.66 1.64 0.00	28.33 1.42 0.00	18.73 0.89 0.00	18.29 0.84 0.00	17.27 0.74 0.00
ASTORIA_GT_8 24108	21.46 0.81 0.00	22.41 0.96 0.00	23.03 0.89 0.00	21.68 0.70 0.00	22.65 0.71 0.00	20.37 0.60 0.00	17.26 0.53 0.00	17.41 0.54 0.00	38.75 1.46 0.00	18.00 0.82 0.00	16.17 0.78 0.00	16.94 0.88 0.00	14.68 0.80 0.00	16.16 0.89 0.00	16.23 0.94 0.00	20.90 1.13 0.00	27.34 1.37 0.00	39.13 1.52 0.00	41.11 1.61 0.00	46.73 2.05 0.00	34.66 1.64 0.00	28.33 1.42 0.00	18.73 0.89 0.00	18.29 0.84 0.00	17.27 0.74 0.00
ASTORIA___2 24149	21.44 0.78 0.00	22.38 0.93 0.00	23.01 0.86 0.00	21.65 0.67 0.00	22.63 0.69 0.00	20.35 0.57 0.00	17.24 0.51 0.00	17.39 0.52 0.00	38.68 1.40 0.00	17.98 0.80 0.00	16.14 0.75 0.00	16.91 0.85 0.00	14.66 0.79 0.00	16.14 0.87 0.00	16.21 0.91 0.00	20.87 1.10 0.00	27.31 1.34 0.00	39.08 1.46 0.00	41.04 1.54 0.00	46.66 1.98 0.00	34.60 1.59 0.00	28.29 1.38 0.00	18.70 0.86 0.00	18.26 0.81 0.00	17.25 0.72 0.00
ASTORIA___3 23516	21.47 0.81 0.00	22.40 0.96 0.00	23.05 0.91 0.00	21.70 0.72 0.00	22.69 0.75 0.00	20.42 0.64 0.00	17.29 0.56 0.00	17.43 0.57 0.00	38.80 1.52 0.00	18.02 0.84 0.00	16.18 0.79 0.00	16.97 0.91 0.00	14.70 0.82 0.00	16.18 0.91 0.00	16.24 0.95 0.00	20.90 1.13 0.00	27.32 1.35 0.00	39.08 1.47 0.00	41.03 1.53 0.00	46.63 1.96 0.00	34.57 1.56 0.00	28.25 1.33 0.00	18.71 0.87 0.00	18.28 0.83 0.00	17.27 0.74 0.00
ASTORIA___4 23517	21.47 0.81 0.00	22.40 0.96 0.00	23.05 0.91 0.00	21.70 0.72 0.00	22.69 0.75 0.00	20.41 0.64 0.00	17.30 0.57 0.00	17.43 0.57 0.00	38.80 1.52 0.00	18.02 0.84 0.00	16.18 0.79 0.00	16.97 0.91 0.00	14.70 0.82 0.00	16.18 0.91 0.00	16.24 0.95 0.00	20.90 1.13 0.00	27.32 1.35 0.00	39.08 1.47 0.00	41.03 1.53 0.00	46.63 1.96 0.00	34.57 1.56 0.00	28.25 1.33 0.00	18.71 0.87 0.00	18.28 0.83 0.00	17.27 0.74 0.00
ASTORIA___5 23518	21.47 0.81 0.00	22.40 0.96 0.00	23.05 0.91 0.00	21.70 0.72 0.00	22.69 0.75 0.00	20.42 0.64 0.00	17.29 0.56 0.00	17.43 0.57 0.00	38.80 1.52 0.00	18.02 0.84 0.00	16.18 0.79 0.00	16.97 0.91 0.00	14.70 0.82 0.00	16.18 0.91 0.00	16.24 0.95 0.00	20.90 1.13 0.00	27.32 1.35 0.00	39.08 1.47 0.00	41.03 1.53 0.00	46.63 1.96 0.00	34.57 1.56 0.00	28.25 1.33 0.00	18.71 0.87 0.00	18.28 0.83 0.00	17.27 0.74 0.00
AST_ENERGY_2_CC3 323677	21.43 0.77 0.00	22.36 0.91 0.00	23.00 0.86 0.00	21.66 0.68 0.00	22.65 0.70 0.00	20.38 0.60 0.00	17.26 0.53 0.00	17.40 0.53 0.00	38.75 1.47 0.00	17.98 0.80 0.00	16.14 0.75 0.00	16.93 0.87 0.00	14.66 0.78 0.00	16.16 0.89 0.00	16.22 0.93 0.00	20.88 1.11 0.00	27.30 1.33 0.00	39.08 1.46 0.00	41.02 1.53 0.00	46.63 1.96 0.00	34.53 1.52 0.00	28.18 1.27 0.00	18.67 0.83 0.00	18.24 0.79 0.00	17.26 0.73 0.00
AST_ENERGY_2_CC4 323678	21.43 0.77 0.00	22.36 0.91 0.00	23.00 0.86 0.00	21.66 0.68 0.00	22.65 0.70 0.00	20.38 0.60 0.00	17.26 0.53 0.00	17.40 0.53 0.00	38.75 1.47 0.00	17.98 0.80 0.00	16.14 0.75 0.00	16.93 0.87 0.00	14.66 0.78 0.00	16.16 0.89 0.00	16.22 0.93 0.00	20.88 1.11 0.00	27.30 1.33 0.00	39.08 1.46 0.00	41.02 1.53 0.00	46.63 1.96 0.00	34.53 1.52 0.00	28.18 1.27 0.00	18.67 0.83 0.00	18.24 0.79 0.00	17.26 0.73 0.00
ATHENS_STG_1	20.99	21.85	22.51	21.28	22.30	20.07	17.04	17.17	38.06	17.58	15.80	16.50	14.28	15.70	15.76	20.32	26.59	38.31	40.20	45.56	33.73	27.51	18.25	17.84	16.88

23668	0.34 0.00	0.40 0.00	0.37 0.00	0.31 0.00	0.36 0.00	0.30 0.00	0.31 0.00	0.31 0.00	0.78 0.00	0.40 0.00	0.41 0.00	0.43 0.00	0.40 0.00	0.43 0.00	0.46 0.00	0.55 0.00	0.62 0.00	0.69 0.00	0.70 0.00	0.89 0.00	0.71 0.00	0.60 0.00	0.40 0.00	0.39 0.00	0.34 0.00
ATHENS_STG_2 23670	20.99 0.34 0.00	21.85 0.40 0.00	22.51 0.37 0.00	21.28 0.31 0.00	22.30 0.36 0.00	20.07 0.30 0.00	17.04 0.31 0.00	17.17 0.31 0.00	38.06 0.78 0.00	17.58 0.40 0.00	15.80 0.41 0.00	16.50 0.43 0.00	14.28 0.40 0.00	15.70 0.43 0.00	15.76 0.46 0.00	20.32 0.55 0.00	26.59 0.62 0.00	38.31 0.69 0.00	40.20 0.70 0.00	45.56 0.89 0.00	33.73 0.71 0.00	27.51 0.60 0.00	18.25 0.40 0.00	17.84 0.39 0.00	16.88 0.34 0.00
ATHENS_STG_3 23677	20.99 0.34 0.00	21.85 0.40 0.00	22.51 0.37 0.00	21.28 0.31 0.00	22.30 0.36 0.00	20.07 0.30 0.00	17.04 0.31 0.00	17.17 0.31 0.00	38.06 0.78 0.00	17.58 0.40 0.00	15.80 0.41 0.00	16.50 0.43 0.00	14.28 0.40 0.00	15.70 0.43 0.00	15.76 0.46 0.00	20.32 0.55 0.00	26.59 0.62 0.00	38.31 0.69 0.00	40.20 0.70 0.00	45.56 0.89 0.00	33.73 0.71 0.00	27.51 0.60 0.00	18.25 0.40 0.00	17.84 0.39 0.00	16.88 0.34 0.00
AUBURN___LFGE 323710	20.60 -0.06 0.00	21.28 -0.16 0.00	22.01 -0.13 0.00	20.84 -0.14 0.00	21.68 -0.26 0.00	19.55 -0.22 0.00	16.60 -0.14 0.00	16.78 -0.08 0.00	37.11 -0.17 0.00	17.04 -0.14 0.00	15.19 -0.20 0.00	15.86 -0.20 0.00	13.66 -0.22 0.00	15.01 -0.26 0.00	15.03 -0.26 0.00	19.31 -0.46 0.00	25.58 -0.39 0.00	37.21 -0.41 0.00	38.96 -0.53 0.00	44.04 -0.63 0.00	32.46 -0.55 0.00	26.41 -0.50 0.00	17.49 -0.35 0.00	17.16 -0.30 0.00	16.30 -0.23 0.00
BABYLON_RES_REC 323704	21.40 0.74 0.00	22.54 1.09 0.00	23.12 0.97 0.00	21.74 0.76 0.00	22.68 0.74 0.00	20.44 0.66 0.00	17.25 0.52 0.00	17.33 0.47 0.00	38.80 1.53 0.00	17.99 0.81 0.00	16.16 0.78 0.00	17.00 0.94 0.00	14.68 0.80 0.00	16.17 0.91 0.00	16.28 0.99 0.00	20.91 1.14 0.00	27.24 1.26 0.00	38.74 1.12 0.00	40.67 1.18 0.00	46.22 1.56 0.00	34.24 1.23 0.00	28.13 1.21 0.00	18.63 0.79 0.00	18.36 0.91 0.00	17.34 0.80 0.00
BABYLON__69_KV_BK2 356345	21.58 0.92 0.00	22.75 1.30 0.00	23.33 1.19 0.00	21.92 0.94 0.00	22.87 0.93 0.00	20.61 0.84 0.00	17.40 0.67 0.00	17.48 0.62 0.00	39.15 1.87 0.00	18.14 0.97 0.00	16.31 0.92 0.00	17.15 1.09 0.00	14.81 0.93 0.00	16.33 1.06 0.00	16.44 1.15 0.00	21.21 1.43 0.00	27.70 1.72 0.00	39.49 1.87 0.00	41.53 2.04 0.00	47.17 2.50 0.00	34.95 1.94 0.00	28.65 1.73 0.00	18.93 1.09 0.00	18.54 1.09 0.00	17.50 0.97 0.00
BALL_HILL_WT_PWR 323825	20.13 -0.53 0.00	20.75 -0.69 0.00	21.65 -0.49 0.00	20.41 -0.58 0.00	21.24 -0.70 0.00	18.98 -0.80 0.00	16.06 -0.67 0.00	16.22 -0.64 0.00	35.91 -1.37 0.00	16.46 -0.72 0.00	14.68 -0.70 0.00	15.50 -0.55 0.00	13.38 -0.49 0.00	14.75 -0.52 0.00	14.69 -0.60 0.00	18.65 -1.12 0.00	24.54 -1.43 0.00	35.44 -2.18 0.00	36.99 -2.51 0.00	41.65 -3.02 0.00	30.48 -2.53 0.00	24.70 -2.22 0.00	16.35 -1.50 0.00	16.15 -1.30 0.00	15.28 -1.25 0.00
BARON_WINDS___WT_PWR 323822	20.31 -0.35 0.00	20.95 -0.50 0.00	21.76 -0.38 0.00	20.52 -0.45 0.00	21.41 -0.54 0.00	19.19 -0.59 0.00	16.29 -0.45 0.00	16.48 -0.38 0.00	36.56 -0.72 0.00	16.61 -0.57 0.00	14.73 -0.66 0.00	15.51 -0.55 0.00	13.40 -0.48 0.00	14.75 -0.53 0.00	14.73 -0.57 0.00	18.79 -0.99 0.00	24.89 -1.08 0.00	36.03 -1.59 0.00	37.66 -1.84 0.00	42.51 -2.16 0.00	31.05 -1.97 0.00	25.16 -1.75 0.00	16.50 -1.34 0.00	16.17 -1.29 0.00	15.21 -1.32 0.00
BARRETT_IC_1 23704	21.27 0.61 0.00	22.38 0.94 0.00	22.98 0.83 0.00	21.61 0.63 0.00	22.57 0.63 0.00	20.33 0.56 0.00	17.16 0.43 0.00	17.17 0.31 0.00	38.40 1.13 0.00	17.85 0.67 0.00	16.09 0.71 0.00	16.95 0.89 0.00	14.69 0.77 -0.04	16.16 0.81 -0.08	16.19 0.90 0.00	20.87 1.10 0.00	27.21 1.24 0.00	38.78 1.16 0.00	40.79 1.29 0.00	46.32 1.65 0.00	34.31 1.30 0.00	28.05 1.13 0.00	18.56 0.72 0.00	18.17 0.72 0.00	17.15 0.62 0.00
BARRETT_IC_10 23701	21.27 0.61 0.00	22.38 0.94 0.00	22.98 0.83 0.00	21.61 0.63 0.00	22.57 0.63 0.00	20.33 0.56 0.00	17.16 0.43 0.00	17.17 0.31 0.00	38.40 1.13 0.00	17.85 0.67 0.00	16.09 0.71 0.00	16.95 0.89 0.00	14.69 0.77 -0.04	16.16 0.81 -0.08	16.19 0.90 0.00	20.87 1.10 0.00	27.21 1.24 0.00	38.78 1.16 0.00	40.79 1.29 0.00	46.32 1.65 0.00	34.31 1.30 0.00	28.05 1.13 0.00	18.56 0.72 0.00	18.17 0.72 0.00	17.15 0.62 0.00
BARRETT_IC_11 23702	21.27 0.61 0.00	22.38 0.94 0.00	22.98 0.83 0.00	21.61 0.63 0.00	22.57 0.63 0.00	20.33 0.56 0.00	17.16 0.43 0.00	17.17 0.31 0.00	38.40 1.13 0.00	17.85 0.67 0.00	16.09 0.71 0.00	16.95 0.89 0.00	14.69 0.77 -0.04	16.16 0.81 -0.08	16.19 0.90 0.00	20.87 1.10 0.00	27.21 1.24 0.00	38.78 1.16 0.00	40.79 1.29 0.00	46.32 1.65 0.00	34.31 1.30 0.00	28.05 1.13 0.00	18.56 0.72 0.00	18.17 0.72 0.00	17.15 0.62 0.00
BARRETT_IC_12 23703	21.27 0.61 0.00	22.38 0.94 0.00	22.98 0.83 0.00	21.61 0.63 0.00	22.57 0.63 0.00	20.33 0.56 0.00	17.16 0.43 0.00	17.17 0.31 0.00	38.40 1.13 0.00	17.85 0.67 0.00	16.09 0.71 0.00	16.95 0.89 0.00	14.69 0.77 -0.04	16.16 0.81 -0.08	16.19 0.90 0.00	20.87 1.10 0.00	27.21 1.24 0.00	38.78 1.16 0.00	40.79 1.29 0.00	46.32 1.65 0.00	34.31 1.30 0.00	28.05 1.13 0.00	18.56 0.72 0.00	18.17 0.72 0.00	17.15 0.62 0.00
BARRETT_IC_2 23705	21.27 0.61 0.00	22.38 0.94 0.00	22.98 0.83 0.00	21.61 0.63 0.00	22.57 0.63 0.00	20.33 0.56 0.00	17.16 0.43 0.00	17.17 0.31 0.00	38.40 1.13 0.00	17.85 0.67 0.00	16.09 0.71 0.00	16.95 0.89 0.00	14.69 0.77 -0.04	16.16 0.81 -0.08	16.19 0.90 0.00	20.87 1.10 0.00	27.21 1.24 0.00	38.78 1.16 0.00	40.79 1.29 0.00	46.32 1.65 0.00	34.31 1.30 0.00	28.05 1.13 0.00	18.56 0.72 0.00	18.17 0.72 0.00	17.15 0.62 0.00
BARRETT_IC_3 23706	21.27 0.61 0.00	22.38 0.94 0.00	22.98 0.83 0.00	21.61 0.63 0.00	22.57 0.63 0.00	20.33 0.56 0.00	17.16 0.43 0.00	17.17 0.31 0.00	38.40 1.13 0.00	17.85 0.67 0.00	16.09 0.71 0.00	16.95 0.89 0.00	14.69 0.77 -0.04	16.16 0.81 -0.08	16.19 0.90 0.00	20.87 1.10 0.00	27.21 1.24 0.00	38.78 1.16 0.00	40.79 1.29 0.00	46.32 1.65 0.00	34.31 1.30 0.00	28.05 1.13 0.00	18.56 0.72 0.00	18.17 0.72 0.00	17.15 0.62 0.00
BARRETT_IC_4 23707	21.27 0.61 0.00	22.38 0.94 0.00	22.98 0.83 0.00	21.61 0.63 0.00	22.57 0.63 0.00	20.33 0.56 0.00	17.16 0.43 0.00	17.17 0.31 0.00	38.40 1.13 0.00	17.85 0.67 0.00	16.09 0.71 0.00	16.95 0.89 0.00	14.69 0.77 -0.04	16.16 0.81 -0.08	16.19 0.90 0.00	20.87 1.10 0.00	27.21 1.24 0.00	38.78 1.16 0.00	40.79 1.29 0.00	46.32 1.65 0.00	34.31 1.30 0.00	28.05 1.13 0.00	18.56 0.72 0.00	18.17 0.72 0.00	17.15 0.62 0.00
BARRETT_IC_5	21.27	22.38	22.98	21.61	22.57	20.33	17.16	17.17	38.40	17.85	16.09	16.95	14.69	16.16	16.19	20.87	27.21	38.78	40.79	46.32	34.31	28.05	18.56	18.17	17.15

23708	0.61 0.00	0.94 0.00	0.83 0.00	0.63 0.00	0.63 0.00	0.56 0.00	0.43 0.00	0.31 0.00	1.13 0.00	0.67 0.00	0.71 0.00	0.89 0.00	0.77 -0.04	0.81 -0.08	0.90 0.00	1.10 0.00	1.24 0.00	1.16 0.00	1.29 0.00	1.65 0.00	1.30 0.00	1.13 0.00	0.72 0.00	0.72 0.00	0.62 0.00
BARRETT_IC_6 23709	21.27 0.61 0.00	22.38 0.94 0.00	22.98 0.83 0.00	21.61 0.63 0.00	22.57 0.63 0.00	20.33 0.56 0.00	17.16 0.43 0.00	17.17 0.31 0.00	38.40 1.13 0.00	17.85 0.67 0.00	16.09 0.71 0.00	16.95 0.89 0.00	14.69 0.77 -0.04	16.16 0.81 -0.08	16.19 0.90 0.00	20.87 1.10 0.00	27.21 1.24 0.00	38.78 1.16 0.00	40.79 1.29 0.00	46.32 1.65 0.00	34.31 1.30 0.00	28.05 1.13 0.00	18.56 0.72 0.00	18.17 0.72 0.00	17.15 0.62 0.00
BARRETT_IC_7 23710	21.27 0.61 0.00	22.38 0.94 0.00	22.98 0.83 0.00	21.61 0.63 0.00	22.57 0.63 0.00	20.33 0.55 0.00	17.16 0.43 0.00	17.17 0.31 0.00	38.41 1.13 0.00	17.85 0.67 0.00	16.09 0.71 0.00	16.95 0.89 0.00	14.68 0.76 -0.04	16.17 0.82 -0.08	16.19 0.90 0.00	20.87 1.10 0.00	27.21 1.24 0.00	38.78 1.16 0.00	40.79 1.29 0.00	46.32 1.65 0.00	34.31 1.30 0.00	28.05 1.13 0.00	18.56 0.72 0.00	18.17 0.72 0.00	17.15 0.62 0.00
BARRETT_IC_8 23711	21.27 0.61 0.00	22.38 0.94 0.00	22.98 0.83 0.00	21.61 0.63 0.00	22.57 0.63 0.00	20.33 0.56 0.00	17.16 0.43 0.00	17.17 0.31 0.00	38.40 1.13 0.00	17.85 0.67 0.00	16.09 0.71 0.00	16.95 0.89 0.00	14.69 0.77 -0.04	16.16 0.81 -0.08	16.19 0.90 0.00	20.87 1.10 0.00	27.21 1.24 0.00	38.78 1.16 0.00	40.79 1.29 0.00	46.32 1.65 0.00	34.31 1.30 0.00	28.05 1.13 0.00	18.56 0.72 0.00	18.17 0.72 0.00	17.15 0.62 0.00
BARRETT_IC_9 23700	21.27 0.61 0.00	22.38 0.94 0.00	22.98 0.83 0.00	21.61 0.63 0.00	22.57 0.63 0.00	20.33 0.56 0.00	17.16 0.43 0.00	17.17 0.31 0.00	38.40 1.13 0.00	17.85 0.67 0.00	16.09 0.71 0.00	16.95 0.89 0.00	14.69 0.77 -0.04	16.16 0.81 -0.08	16.19 0.90 0.00	20.87 1.10 0.00	27.21 1.24 0.00	38.78 1.16 0.00	40.79 1.29 0.00	46.32 1.65 0.00	34.31 1.30 0.00	28.05 1.13 0.00	18.56 0.72 0.00	18.17 0.72 0.00	17.15 0.62 0.00
BARRETT___1 23545	21.27 0.61 0.00	22.38 0.94 0.00	22.98 0.83 0.00	21.61 0.63 0.00	22.57 0.63 0.00	20.33 0.56 0.00	17.16 0.43 0.00	17.17 0.31 0.00	38.40 1.13 0.00	17.85 0.67 0.00	16.09 0.71 0.00	16.95 0.89 0.00	14.69 0.77 -0.04	16.16 0.81 -0.08	16.19 0.90 0.00	20.87 1.10 0.00	27.21 1.24 0.00	38.78 1.16 0.00	40.79 1.29 0.00	46.32 1.65 0.00	34.31 1.30 0.00	28.05 1.13 0.00	18.56 0.72 0.00	18.17 0.72 0.00	17.15 0.62 0.00
BARRETT___2 23546	21.27 0.61 0.00	22.38 0.94 0.00	22.98 0.83 0.00	21.61 0.63 0.00	22.57 0.63 0.00	20.33 0.56 0.00	17.16 0.43 0.00	17.17 0.31 0.00	38.40 1.13 0.00	17.85 0.67 0.00	16.09 0.71 0.00	16.95 0.89 0.00	14.69 0.77 -0.04	16.16 0.81 -0.08	16.19 0.90 0.00	20.87 1.10 0.00	27.21 1.24 0.00	38.78 1.16 0.00	40.79 1.29 0.00	46.32 1.65 0.00	34.31 1.30 0.00	28.05 1.13 0.00	18.56 0.72 0.00	18.17 0.72 0.00	17.15 0.62 0.00
BATAVIA___115KV_TB1 55881	20.19 -0.46 0.00	20.88 -0.57 0.00	21.77 -0.38 0.00	20.54 -0.44 0.00	21.39 -0.56 0.00	19.17 -0.61 0.00	16.26 -0.47 0.00	16.43 -0.44 0.00	36.25 -1.03 0.00	16.64 -0.54 0.00	14.68 -0.71 0.00	15.36 -0.70 0.00	13.25 -0.63 0.00	14.63 -0.64 0.00	14.57 -0.73 0.00	18.55 -1.22 0.00	24.49 -1.48 0.00	35.86 -1.76 0.00	37.67 -1.82 0.00	42.30 -2.37 0.00	31.12 -1.89 0.00	25.33 -1.59 0.00	16.82 -1.02 0.00	16.58 -0.88 0.00	15.74 -0.79 0.00
BAYONEEC___CTG1 323682	21.47 0.81 0.00	22.39 0.95 0.00	23.03 0.88 0.00	21.69 0.71 0.00	22.67 0.73 0.00	20.40 0.63 0.00	17.28 0.55 0.00	17.42 0.56 0.00	38.83 1.55 0.00	18.01 0.84 0.00	16.16 0.77 0.00	16.95 0.89 0.00	14.67 0.80 0.00	16.16 0.89 0.00	16.22 0.93 0.00	20.89 1.11 0.00	27.32 1.35 0.00	39.12 1.51 0.00	41.07 1.57 0.00	46.69 2.01 0.00	34.56 1.55 0.00	28.22 1.30 0.00	18.70 0.86 0.00	18.27 0.82 0.00	17.27 0.74 0.00
BAYONEEC___CTG10 323750	21.47 0.81 0.00	22.39 0.95 0.00	23.03 0.88 0.00	21.69 0.71 0.00	22.67 0.73 0.00	20.40 0.63 0.00	17.28 0.55 0.00	17.42 0.56 0.00	38.83 1.55 0.00	18.01 0.84 0.00	16.16 0.77 0.00	16.95 0.89 0.00	14.67 0.80 0.00	16.16 0.89 0.00	16.22 0.93 0.00	20.89 1.11 0.00	27.32 1.35 0.00	39.12 1.51 0.00	41.07 1.57 0.00	46.69 2.01 0.00	34.56 1.55 0.00	28.22 1.30 0.00	18.70 0.86 0.00	18.27 0.82 0.00	17.27 0.74 0.00
BAYONEEC___CTG2 323683	21.47 0.81 0.00	22.39 0.95 0.00	23.03 0.88 0.00	21.69 0.71 0.00	22.67 0.73 0.00	20.40 0.63 0.00	17.28 0.55 0.00	17.42 0.56 0.00	38.83 1.55 0.00	18.01 0.84 0.00	16.16 0.77 0.00	16.95 0.89 0.00	14.67 0.80 0.00	16.16 0.89 0.00	16.22 0.93 0.00	20.89 1.11 0.00	27.32 1.35 0.00	39.12 1.51 0.00	41.07 1.57 0.00	46.69 2.01 0.00	34.56 1.55 0.00	28.22 1.30 0.00	18.70 0.86 0.00	18.27 0.82 0.00	17.27 0.74 0.00
BAYONEEC___CTG3 323684	21.47 0.81 0.00	22.39 0.95 0.00	23.03 0.88 0.00	21.69 0.71 0.00	22.67 0.73 0.00	20.40 0.63 0.00	17.28 0.55 0.00	17.42 0.56 0.00	38.83 1.55 0.00	18.01 0.84 0.00	16.16 0.77 0.00	16.95 0.89 0.00	14.67 0.80 0.00	16.16 0.89 0.00	16.22 0.93 0.00	20.89 1.11 0.00	27.32 1.35 0.00	39.12 1.51 0.00	41.07 1.57 0.00	46.69 2.01 0.00	34.56 1.55 0.00	28.22 1.30 0.00	18.70 0.86 0.00	18.27 0.82 0.00	17.27 0.74 0.00
BAYONEEC___CTG4 323685	21.47 0.81 0.00	22.39 0.95 0.00	23.03 0.88 0.00	21.69 0.71 0.00	22.67 0.73 0.00	20.40 0.63 0.00	17.28 0.55 0.00	17.42 0.56 0.00	38.83 1.55 0.00	18.01 0.84 0.00	16.16 0.77 0.00	16.95 0.89 0.00	14.67 0.80 0.00	16.16 0.89 0.00	16.22 0.93 0.00	20.89 1.11 0.00	27.32 1.35 0.00	39.12 1.51 0.00	41.07 1.57 0.00	46.69 2.01 0.00	34.56 1.55 0.00	28.22 1.30 0.00	18.70 0.86 0.00	18.27 0.82 0.00	17.27 0.74 0.00
BAYONEEC___CTG5 323686	21.47 0.81 0.00	22.39 0.95 0.00	23.03 0.88 0.00	21.69 0.71 0.00	22.67 0.73 0.00	20.40 0.63 0.00	17.28 0.55 0.00	17.42 0.56 0.00	38.83 1.55 0.00	18.01 0.84 0.00	16.16 0.77 0.00	16.95 0.89 0.00	14.67 0.80 0.00	16.16 0.89 0.00	16.22 0.93 0.00	20.89 1.11 0.00	27.32 1.35 0.00	39.12 1.51 0.00	41.07 1.57 0.00	46.69 2.01 0.00	34.56 1.55 0.00	28.22 1.30 0.00	18.70 0.86 0.00	18.27 0.82 0.00	17.27 0.74 0.00
BAYONEEC___CTG6 323687	21.47 0.81 0.00	22.39 0.95 0.00	23.03 0.88 0.00	21.69 0.71 0.00	22.67 0.73 0.00	20.40 0.63 0.00	17.28 0.55 0.00	17.42 0.56 0.00	38.83 1.55 0.00	18.01 0.84 0.00	16.16 0.77 0.00	16.95 0.89 0.00	14.67 0.80 0.00	16.16 0.89 0.00	16.22 0.93 0.00	20.89 1.11 0.00	27.32 1.35 0.00	39.12 1.51 0.00	41.07 1.57 0.00	46.69 2.01 0.00	34.56 1.55 0.00	28.22 1.30 0.00	18.70 0.86 0.00	18.27 0.82 0.00	17.27 0.74 0.00
BAYONEEC___CTG7	21.47	22.39	23.03	21.69	22.67	20.40	17.28	17.42	38.83	18.01	16.16	16.95	14.67	16.16	16.22	20.89	27.32	39.12	41.07	46.69	34.56	28.22	18.70	18.27	17.27

323688	0.81 0.00	0.95 0.00	0.88 0.00	0.71 0.00	0.73 0.00	0.63 0.00	0.55 0.00	0.56 0.00	1.55 0.00	0.84 0.00	0.77 0.00	0.89 0.00	0.80 0.00	0.89 0.00	0.93 0.00	1.11 0.00	1.35 0.00	1.51 0.00	1.57 0.00	2.01 0.00	1.55 0.00	1.30 0.00	0.86 0.00	0.82 0.00	0.74 0.00
BAYONEEC___CTG8 323689	21.47 0.81 0.00	22.39 0.95 0.00	23.03 0.88 0.00	21.69 0.71 0.00	22.67 0.73 0.00	20.40 0.63 0.00	17.28 0.55 0.00	17.42 0.56 0.00	38.83 1.55 0.00	18.01 0.84 0.00	16.16 0.77 0.00	16.95 0.89 0.00	14.67 0.80 0.00	16.16 0.89 0.00	16.22 0.93 0.00	20.89 1.11 0.00	27.32 1.35 0.00	39.12 1.51 0.00	41.07 1.57 0.00	46.69 2.01 0.00	34.56 1.55 0.00	28.22 1.30 0.00	18.70 0.86 0.00	18.27 0.82 0.00	17.27 0.74 0.00
BAYONEEC___CTG9 323749	21.47 0.81 0.00	22.39 0.95 0.00	23.03 0.88 0.00	21.69 0.71 0.00	22.67 0.73 0.00	20.40 0.63 0.00	17.28 0.55 0.00	17.42 0.56 0.00	38.83 1.55 0.00	18.01 0.84 0.00	16.16 0.77 0.00	16.95 0.89 0.00	14.67 0.80 0.00	16.16 0.89 0.00	16.22 0.93 0.00	20.89 1.11 0.00	27.32 1.35 0.00	39.12 1.51 0.00	41.07 1.57 0.00	46.69 2.01 0.00	34.56 1.55 0.00	28.22 1.30 0.00	18.70 0.86 0.00	18.27 0.82 0.00	17.27 0.74 0.00
BEACON___LESR 323632	21.32 0.67 0.00	22.16 0.71 0.00	22.82 0.68 0.00	21.60 0.62 0.00	22.66 0.72 0.00	20.44 0.67 0.00	17.30 0.57 0.00	17.51 0.65 0.00	38.77 1.49 0.00	17.82 0.64 0.00	15.97 0.59 0.00	16.64 0.58 0.00	14.38 0.51 0.00	15.83 0.56 0.00	15.86 0.57 0.00	20.56 0.79 0.00	27.06 1.09 0.00	38.99 1.38 0.00	41.03 1.53 0.00	46.45 1.78 0.00	34.35 1.34 0.00	27.98 1.07 0.00	18.57 0.72 0.00	18.14 0.69 0.00	17.15 0.62 0.00
BEAVER RIVER___HYD 24048	21.80 1.15 0.00	22.57 1.13 0.00	23.26 1.11 0.00	22.03 1.05 0.00	23.04 1.10 0.00	20.80 1.02 0.00	17.68 0.95 0.00	17.85 0.98 0.00	39.42 2.14 0.00	17.76 0.58 0.00	15.63 0.25 0.00	16.19 0.13 0.00	13.96 0.08 0.00	15.39 0.12 0.00	15.38 0.09 0.00	19.97 0.20 0.00	26.68 0.71 0.00	39.69 2.07 0.00	42.29 2.79 0.00	47.75 3.08 0.00	35.13 2.12 0.00	28.48 1.56 0.00	18.77 0.93 0.00	18.26 0.80 0.00	17.18 0.65 0.00
BEEBEE_GT_13 23619	20.06 -0.60 0.00	20.75 -0.70 0.00	21.56 -0.58 0.00	20.37 -0.61 0.00	21.24 -0.70 0.00	19.09 -0.69 0.00	16.19 -0.55 0.00	16.35 -0.52 0.00	36.09 -1.19 0.00	16.59 -0.58 0.00	14.77 -0.62 0.00	15.46 -0.60 0.00	13.36 -0.51 0.00	14.74 -0.53 0.00	14.68 -0.61 0.00	18.79 -0.99 0.00	24.76 -1.21 0.00	35.98 -1.63 0.00	37.76 -1.73 0.00	42.51 -2.17 0.00	31.30 -1.72 0.00	25.49 -1.43 0.00	16.91 -0.93 0.00	16.62 -0.83 0.00	15.76 -0.77 0.00
BENSHRST_27_KV_BENSHRST_1 355998	21.64 0.98 0.00	22.57 1.13 0.00	23.22 1.08 0.00	21.86 0.88 0.00	22.84 0.90 0.00	20.54 0.77 0.00	17.41 0.68 0.00	17.55 0.69 0.00	39.09 1.81 0.00	18.16 0.99 0.00	16.30 0.91 0.00	17.09 1.03 0.00	14.80 0.92 0.00	16.30 1.03 0.00	16.36 1.07 0.00	21.07 1.29 0.00	27.56 1.58 0.00	39.42 1.80 0.00	41.42 1.92 0.00	47.09 2.42 0.00	34.92 1.91 0.00	28.53 1.61 0.00	18.89 1.05 0.00	18.44 0.98 0.00	17.41 0.88 0.00
BETHLEHEM___GRP 23843	21.11 0.45 0.00	21.96 0.52 0.00	22.62 0.48 0.00	21.43 0.45 0.00	22.50 0.56 0.00	20.28 0.50 0.00	17.18 0.44 0.00	17.32 0.46 0.00	38.34 1.06 0.00	17.65 0.47 0.00	15.83 0.44 0.00	16.51 0.45 0.00	14.28 0.40 0.00	15.70 0.42 0.00	15.77 0.48 0.00	20.38 0.61 0.00	26.72 0.75 0.00	38.59 0.97 0.00	40.47 0.97 0.00	45.78 1.11 0.00	33.89 0.88 0.00	27.66 0.74 0.00	18.34 0.50 0.00	17.92 0.47 0.00	16.96 0.43 0.00
BETHLEHEM___GS1 323560	21.11 0.45 0.00	21.96 0.52 0.00	22.63 0.48 0.00	21.43 0.45 0.00	22.50 0.56 0.00	20.28 0.51 0.00	17.18 0.45 0.00	17.32 0.46 0.00	38.34 1.06 0.00	17.65 0.47 0.00	15.83 0.44 0.00	16.51 0.45 0.00	14.28 0.40 0.00	15.70 0.42 0.00	15.77 0.48 0.00	20.38 0.61 0.00	26.72 0.74 0.00	38.59 0.97 0.00	40.47 0.97 0.00	45.78 1.11 0.00	33.89 0.88 0.00	27.66 0.74 0.00	18.34 0.50 0.00	17.92 0.47 0.00	16.96 0.43 0.00
BETHLEHEM___GS2 323561	21.11 0.45 0.00	21.96 0.52 0.00	22.63 0.48 0.00	21.43 0.45 0.00	22.50 0.56 0.00	20.28 0.51 0.00	17.18 0.45 0.00	17.32 0.46 0.00	38.34 1.06 0.00	17.65 0.47 0.00	15.83 0.44 0.00	16.51 0.45 0.00	14.28 0.40 0.00	15.70 0.42 0.00	15.77 0.48 0.00	20.38 0.61 0.00	26.72 0.74 0.00	38.59 0.97 0.00	40.47 0.97 0.00	45.78 1.11 0.00	33.89 0.88 0.00	27.66 0.74 0.00	18.34 0.50 0.00	17.92 0.47 0.00	16.96 0.43 0.00
BETHLEHEM___GS3 323562	21.11 0.45 0.00	21.96 0.52 0.00	22.63 0.48 0.00	21.43 0.45 0.00	22.50 0.56 0.00	20.28 0.51 0.00	17.18 0.45 0.00	17.32 0.46 0.00	38.34 1.06 0.00	17.65 0.47 0.00	15.83 0.44 0.00	16.51 0.45 0.00	14.28 0.40 0.00	15.70 0.42 0.00	15.77 0.48 0.00	20.38 0.61 0.00	26.72 0.74 0.00	38.59 0.97 0.00	40.47 0.97 0.00	45.78 1.11 0.00	33.89 0.88 0.00	27.66 0.74 0.00	18.34 0.50 0.00	17.92 0.47 0.00	16.96 0.43 0.00
BETHLEHEM___STEEL 23779	20.05 -0.61 0.00	20.72 -0.72 0.00	21.64 -0.50 0.00	20.39 -0.59 0.00	21.24 -0.71 0.00	18.99 -0.79 0.00	16.09 -0.65 0.00	16.24 -0.62 0.00	35.89 -1.39 0.00	16.49 -0.68 0.00	14.68 -0.71 0.00	15.43 -0.63 0.00	13.33 -0.55 0.00	14.72 -0.55 0.00	14.64 -0.65 0.00	18.59 -1.18 0.00	24.45 -1.53 0.00	35.36 -2.26 0.00	36.94 -2.56 0.00	41.54 -3.13 0.00	30.49 -2.52 0.00	24.79 -2.12 0.00	16.46 -1.38 0.00	16.27 -1.18 0.00	15.43 -1.10 0.00
BETHLHEM_115KV_TB1 79974	21.10 0.44 0.00	21.94 0.50 0.00	22.61 0.47 0.00	21.42 0.43 0.00	22.48 0.54 0.00	20.26 0.48 0.00	17.16 0.43 0.00	17.30 0.44 0.00	38.30 1.02 0.00	17.63 0.45 0.00	15.82 0.43 0.00	16.50 0.44 0.00	14.27 0.39 0.00	15.69 0.42 0.00	15.76 0.47 0.00	20.37 0.60 0.00	26.69 0.72 0.00	38.55 0.93 0.00	40.43 0.93 0.00	45.76 1.08 0.00	33.87 0.85 0.00	27.64 0.72 0.00	18.33 0.48 0.00	17.91 0.46 0.00	16.94 0.41 0.00
BETHPAGE_CC_5 323564	21.40 0.74 0.00	22.52 1.07 0.00	23.11 0.97 0.00	21.73 0.75 0.00	22.68 0.74 0.00	20.43 0.66 0.00	17.26 0.52 0.00	17.34 0.48 0.00	38.82 1.55 0.00	17.99 0.81 0.00	16.18 0.80 0.00	17.02 0.96 0.00	14.71 0.83 0.00	16.20 0.93 0.00	16.30 1.00 0.00	21.02 1.25 0.00	27.43 1.46 0.00	39.07 1.45 0.00	41.10 1.60 0.00	46.69 2.02 0.00	34.60 1.59 0.00	28.31 1.40 0.00	18.72 0.87 0.00	18.35 0.89 0.00	17.32 0.79 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	20.13 -0.52 0.00	20.81 -0.63 0.00	21.73 -0.41 0.00	20.48 -0.51 0.00	21.33 -0.61 0.00	19.07 -0.71 0.00	16.16 -0.57 0.00	16.32 -0.55 0.00	36.07 -1.21 0.00	16.58 -0.60 0.00	14.74 -0.64 0.00	15.51 -0.56 0.00	13.39 -0.48 0.00	14.79 -0.48 0.00	14.71 -0.58 0.00	18.69 -1.08 0.00	24.58 -1.40 0.00	35.52 -2.10 0.00	37.11 -2.38 0.00	41.75 -2.92 0.00	30.64 -2.37 0.00	24.91 -2.01 0.00	16.53 -1.31 0.00	16.34 -1.11 0.00	15.49 -1.04 0.00
BINGHAMTON___COGEN	20.51	21.19	21.93	20.74	21.68	19.50	16.56	16.74	37.10	17.00	15.21	15.95	13.77	15.14	15.13	19.46	25.63	37.04	38.82	44.08	32.46	26.41	17.46	17.10	16.18

23790	-0.15 0.00	-0.26 0.00	-0.22 0.00	-0.24 0.00	-0.26 0.00	-0.27 0.00	-0.18 0.00	-0.12 0.00	-0.18 0.00	-0.18 0.00	-0.18 0.00	-0.11 0.00	-0.10 0.00	-0.13 0.00	-0.16 0.00	-0.31 0.00	-0.35 0.00	-0.57 0.00	-0.67 0.00	-0.59 0.00	-0.55 0.00	-0.51 0.00	-0.39 0.00	-0.35 0.00	-0.36 0.00
BIXINCNT_115KV_LOAD 355685	20.48 -0.18 0.00	21.15 -0.29 0.00	22.05 -0.10 0.00	20.77 -0.21 0.00	21.65 -0.29 0.00	19.35 -0.42 0.00	16.36 -0.38 0.00	16.47 -0.39 0.00	36.57 -0.72 0.00	16.77 -0.40 0.00	14.96 -0.43 0.00	15.76 -0.30 0.00	13.61 -0.27 0.00	15.00 -0.27 0.00	14.91 -0.38 0.00	19.00 -0.78 0.00	24.92 -1.05 0.00	35.80 -1.82 0.00	37.27 -2.23 0.00	41.98 -2.69 0.00	30.85 -2.17 0.00	24.97 -1.95 0.00	16.42 -1.42 0.00	16.25 -1.20 0.00	15.37 -1.17 0.00
BLACK RIVER___HYD 24047	21.65 1.00 0.00	22.41 0.97 0.00	23.07 0.93 0.00	21.86 0.88 0.00	22.86 0.92 0.00	20.63 0.86 0.00	17.55 0.81 0.00	17.73 0.86 0.00	39.16 1.88 0.00	17.65 0.47 0.00	15.52 0.13 0.00	16.07 0.01 0.00	13.86 -0.02 0.00	15.28 0.00 0.00	15.23 -0.06 0.00	19.72 -0.05 0.00	26.40 0.43 0.00	39.32 1.70 0.00	42.00 2.50 0.00	47.41 2.74 0.00	34.86 1.85 0.00	28.30 1.39 0.00	18.66 0.82 0.00	18.15 0.70 0.00	17.07 0.54 0.00
BLACKRVR_115KV_TB2 79977	21.65 1.00 0.00	22.41 0.97 0.00	23.07 0.93 0.00	21.86 0.88 0.00	22.86 0.92 0.00	20.64 0.86 0.00	17.55 0.81 0.00	17.73 0.86 0.00	39.16 1.88 0.00	17.65 0.47 0.00	15.52 0.13 0.00	16.07 0.01 0.00	13.86 -0.02 0.00	15.28 0.01 0.00	15.23 -0.06 0.00	19.72 -0.05 0.00	26.40 0.43 0.00	39.32 1.71 0.00	42.00 2.51 0.00	47.41 2.74 0.00	34.86 1.85 0.00	28.30 1.39 0.00	18.66 0.82 0.00	18.15 0.70 0.00	17.07 0.54 0.00
BLISS_WT_PWR 323608	20.49 -0.17 0.00	21.17 -0.27 0.00	22.07 -0.08 0.00	20.79 -0.20 0.00	21.68 -0.27 0.00	19.38 -0.40 0.00	16.36 -0.38 0.00	16.46 -0.40 0.00	36.56 -0.72 0.00	16.77 -0.40 0.00	14.96 -0.43 0.00	15.77 -0.29 0.00	13.62 -0.26 0.00	15.01 -0.26 0.00	14.92 -0.37 0.00	19.01 -0.77 0.00	24.91 -1.06 0.00	35.76 -1.86 0.00	37.20 -2.30 0.00	41.84 -2.83 0.00	30.77 -2.25 0.00	24.88 -2.04 0.00	16.33 -1.52 0.00	16.16 -1.29 0.00	15.28 -1.25 0.00
BLUESTONE___WT_PWR 323821	21.08 0.42 0.00	21.75 0.31 0.00	22.59 0.45 0.00	21.41 0.43 0.00	22.40 0.46 0.00	20.23 0.46 0.00	17.15 0.42 0.00	17.21 0.35 0.00	38.09 0.81 0.00	17.65 0.47 0.00	15.89 0.50 0.00	16.62 0.56 0.00	14.36 0.48 0.00	15.76 0.49 0.00	15.75 0.46 0.00	20.36 0.59 0.00	26.94 0.96 0.00	39.17 1.56 0.00	41.20 1.70 0.00	46.75 2.08 0.00	34.47 1.45 0.00	27.91 1.00 0.00	18.16 0.32 0.00	17.41 -0.04 0.00	16.43 -0.10 0.00
BLUE_CIRC_CHEM_DRP 24182	21.25 0.60 0.00	22.10 0.66 0.00	22.77 0.63 0.00	21.56 0.58 0.00	22.61 0.67 0.00	20.39 0.62 0.00	17.28 0.55 0.00	17.44 0.58 0.00	38.53 1.25 0.00	17.65 0.47 0.00	15.81 0.43 0.00	16.49 0.43 0.00	14.26 0.38 0.00	15.67 0.40 0.00	15.74 0.45 0.00	20.35 0.58 0.00	26.77 0.80 0.00	38.79 1.18 0.00	40.69 1.20 0.00	46.02 1.35 0.00	34.06 1.05 0.00	27.80 0.89 0.00	18.43 0.59 0.00	18.02 0.57 0.00	17.04 0.51 0.00
BOC_GAS_DRP 24189	21.01 0.35 0.00	21.85 0.41 0.00	22.52 0.38 0.00	21.32 0.34 0.00	22.35 0.41 0.00	20.13 0.36 0.00	17.08 0.34 0.00	17.21 0.34 0.00	38.08 0.81 0.00	17.56 0.38 0.00	15.76 0.37 0.00	16.44 0.38 0.00	14.22 0.34 0.00	15.64 0.37 0.00	15.69 0.40 0.00	20.27 0.49 0.00	26.55 0.58 0.00	38.32 0.70 0.00	40.20 0.71 0.00	45.51 0.84 0.00	33.68 0.67 0.00	27.49 0.57 0.00	18.23 0.39 0.00	17.82 0.37 0.00	16.86 0.33 0.00
BOONVILLE_115KV_TB1 79983	21.37 0.71 0.00	22.12 0.68 0.00	22.81 0.67 0.00	21.61 0.63 0.00	22.62 0.68 0.00	20.43 0.66 0.00	17.36 0.62 0.00	17.51 0.65 0.00	38.70 1.42 0.00	17.62 0.44 0.00	15.64 0.26 0.00	16.27 0.21 0.00	14.04 0.16 0.00	15.47 0.20 0.00	15.48 0.19 0.00	20.05 0.28 0.00	26.54 0.57 0.00	38.97 1.35 0.00	41.20 1.71 0.00	46.58 1.91 0.00	34.33 1.31 0.00	27.91 1.00 0.00	18.44 0.60 0.00	17.98 0.53 0.00	16.98 0.45 0.00
BORALEX_4TH_BRANCH 23824	21.62 0.96 0.00	22.53 1.08 0.00	23.19 1.05 0.00	22.01 1.03 0.00	23.01 1.06 0.00	20.77 0.99 0.00	17.67 0.94 0.00	17.84 0.98 0.00	39.49 2.21 0.00	18.16 0.98 0.00	16.27 0.88 0.00	16.85 0.79 0.00	14.57 0.69 0.00	16.01 0.74 0.00	16.13 0.84 0.00	20.92 1.15 0.00	27.50 1.53 0.00	39.67 2.05 0.00	41.46 1.97 0.00	46.94 2.27 0.00	34.74 1.73 0.00	28.48 1.56 0.00	18.90 1.06 0.00	18.50 1.04 0.00	17.50 0.98 0.00
BOWLINE___1 23526	21.29 0.63 0.00	22.20 0.75 0.00	22.83 0.69 0.00	21.52 0.54 0.00	22.49 0.55 0.00	20.24 0.47 0.00	17.16 0.43 0.00	17.30 0.44 0.00	38.55 1.27 0.00	17.87 0.70 0.00	16.02 0.63 0.00	16.78 0.72 0.00	14.52 0.65 0.00	15.97 0.70 0.00	16.03 0.74 0.00	20.65 0.88 0.00	27.06 1.09 0.00	38.86 1.24 0.00	40.83 1.33 0.00	46.41 1.75 0.00	34.35 1.33 0.00	27.98 1.06 0.00	18.54 0.70 0.00	18.13 0.68 0.00	17.12 0.59 0.00
BOWLINE___2 23595	21.29 0.63 0.00	22.20 0.75 0.00	22.83 0.69 0.00	21.52 0.54 0.00	22.49 0.55 0.00	20.24 0.47 0.00	17.16 0.43 0.00	17.30 0.44 0.00	38.55 1.27 0.00	17.87 0.70 0.00	16.02 0.63 0.00	16.78 0.72 0.00	14.52 0.65 0.00	15.97 0.70 0.00	16.03 0.74 0.00	20.65 0.88 0.00	27.06 1.09 0.00	38.86 1.24 0.00	40.83 1.33 0.00	46.42 1.75 0.00	34.35 1.33 0.00	27.98 1.06 0.00	18.54 0.70 0.00	18.13 0.68 0.00	17.12 0.59 0.00
BRADY___115KV_TB2 356060	23.36 2.70 0.00	24.20 2.76 0.00	24.97 2.82 0.00	23.64 2.66 0.00	24.74 2.79 0.00	22.27 2.50 0.00	18.96 2.22 0.00	19.12 2.26 0.00	42.28 5.00 0.00	18.58 1.41 0.00	16.17 0.79 0.00	16.72 0.66 0.00	14.39 0.51 0.00	15.85 0.58 0.00	15.83 0.54 0.00	20.88 1.11 0.00	28.29 2.32 0.00	42.76 5.14 0.00	46.10 6.61 0.00	51.99 7.31 0.00	38.24 5.23 0.00	30.87 3.96 0.00	20.24 2.40 0.00	19.64 2.18 0.00	18.45 1.92 0.00
BRANSCOMB___SOLAR 323811	21.51 0.85 0.00	22.37 0.93 0.00	23.06 0.91 0.00	21.87 0.89 0.00	22.89 0.94 0.00	20.64 0.86 0.00	17.56 0.83 0.00	17.70 0.84 0.00	39.17 1.89 0.00	17.91 0.74 0.00	16.02 0.63 0.00	16.63 0.57 0.00	14.39 0.51 0.00	15.81 0.54 0.00	15.92 0.63 0.00	20.61 0.84 0.00	27.22 1.25 0.00	39.53 1.91 0.00	41.55 2.05 0.00	47.03 2.36 0.00	34.78 1.76 0.00	28.31 1.39 0.00	18.75 0.91 0.00	18.34 0.89 0.00	17.35 0.82 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	21.48 0.82 0.00	22.65 1.21 0.00	23.25 1.11 0.00	21.85 0.87 0.00	22.79 0.85 0.00	20.53 0.75 0.00	17.33 0.59 0.00	17.40 0.54 0.00	38.98 1.70 0.00	18.09 0.91 0.00	16.26 0.87 0.00	17.10 1.05 0.00	14.76 0.88 0.00	16.28 1.02 0.00	16.39 1.10 0.00	21.15 1.38 0.00	27.61 1.64 0.00	39.33 1.72 0.00	41.32 1.82 0.00	46.89 2.22 0.00	34.77 1.76 0.00	28.54 1.62 0.00	18.86 1.02 0.00	18.45 1.00 0.00	17.42 0.89 0.00
BRISTLHL_115KV_TB1	20.15	20.85	21.54	20.42	21.32	19.27	16.34	16.47	36.34	16.73	14.94	15.62	13.50	14.86	14.83	19.09	25.14	36.49	38.34	43.34	32.01	26.06	17.27	16.90	16.05

79998	-0.51 0.00	-0.59 0.00	-0.60 0.00	-0.57 0.00	-0.62 0.00	-0.51 0.00	-0.40 0.00	-0.39 0.00	-0.94 0.00	-0.45 0.00	-0.45 0.00	-0.44 0.00	-0.38 0.00	-0.41 0.00	-0.46 0.00	-0.68 0.00	-0.84 0.00	-1.13 0.00	-1.16 0.00	-1.33 0.00	-1.01 0.00	-0.85 0.00	-0.57 0.00	-0.55 0.00	-0.48 0.00
BROOKHAVEN___DRP 24191	21.45 0.79 0.00	22.62 1.18 0.00	23.20 1.05 0.00	21.77 0.79 0.00	22.69 0.75 0.00	20.46 0.69 0.00	17.29 0.56 0.00	17.37 0.51 0.00	38.89 1.61 0.00	18.07 0.90 0.00	16.22 0.83 0.00	17.03 0.97 0.00	14.70 0.82 0.00	16.22 0.95 0.00	16.33 1.05 0.00	21.09 1.32 0.00	27.59 1.62 0.00	39.36 1.74 0.00	41.49 2.00 0.00	47.09 2.42 0.00	34.88 1.87 0.00	28.56 1.64 0.00	18.88 1.04 0.00	18.48 1.03 0.00	17.43 0.90 0.00
BROOKLYN_NAVY_YARD 23515	21.40 0.74 0.00	22.33 0.88 0.00	22.96 0.82 0.00	21.61 0.63 0.00	22.60 0.66 0.00	20.33 0.56 0.00	17.23 0.50 0.00	17.37 0.50 0.00	38.69 1.41 0.00	17.96 0.78 0.00	16.12 0.73 0.00	16.90 0.83 0.00	14.63 0.75 0.00	16.11 0.84 0.00	16.17 0.88 0.00	20.82 1.05 0.00	27.24 1.26 0.00	39.02 1.40 0.00	40.98 1.48 0.00	46.58 1.91 0.00	34.49 1.47 0.00	28.15 1.23 0.00	18.65 0.81 0.00	18.21 0.76 0.00	17.22 0.69 0.00
BROOKLYN___ARMY_DRP 323595	21.55 0.89 0.00	22.48 1.03 0.00	23.12 0.98 0.00	21.78 0.80 0.00	22.76 0.81 0.00	20.47 0.69 0.00	17.35 0.61 0.00	17.49 0.63 0.00	38.94 1.66 0.00	18.08 0.90 0.00	16.23 0.84 0.00	17.01 0.95 0.00	14.73 0.85 0.00	16.22 0.95 0.00	16.29 0.99 0.00	20.97 1.20 0.00	27.42 1.44 0.00	39.22 1.60 0.00	41.19 1.70 0.00	46.86 2.19 0.00	34.75 1.74 0.00	28.38 1.46 0.00	18.80 0.96 0.00	18.35 0.90 0.00	17.34 0.80 0.00
BROOKVLE_69_KV_TB1 55790	21.48 0.82 0.00	22.51 1.06 0.00	23.13 0.98 0.00	21.76 0.78 0.00	22.73 0.79 0.00	20.47 0.69 0.00	17.32 0.59 0.00	17.42 0.56 0.00	38.93 1.66 0.00	18.05 0.87 0.00	16.22 0.83 0.00	17.03 0.97 0.00	14.74 0.85 -0.01	16.23 0.95 -0.01	16.30 1.01 0.00	21.02 1.24 0.00	27.48 1.51 0.00	39.29 1.67 0.00	41.31 1.81 0.00	46.92 2.25 0.00	34.75 1.74 0.00	28.39 1.47 0.00	18.78 0.94 0.00	18.36 0.91 0.00	17.34 0.80 0.00
BROOME_2_LFGE 323671	20.51 -0.14 0.00	21.19 -0.25 0.00	21.92 -0.22 0.00	20.74 -0.24 0.00	21.68 -0.26 0.00	19.50 -0.27 0.00	16.56 -0.18 0.00	16.74 -0.12 0.00	37.10 -0.18 0.00	17.00 -0.18 0.00	15.21 -0.18 0.00	15.95 -0.11 0.00	13.77 -0.10 0.00	15.14 -0.13 0.00	15.13 -0.16 0.00	19.46 -0.32 0.00	25.62 -0.35 0.00	37.04 -0.58 0.00	38.82 -0.67 0.00	44.08 -0.59 0.00	32.47 -0.55 0.00	26.41 -0.51 0.00	17.46 -0.39 0.00	17.10 -0.35 0.00	16.18 -0.36 0.00
BROOME___LFGE 323600	20.51 -0.14 0.00	21.19 -0.25 0.00	21.92 -0.22 0.00	20.74 -0.24 0.00	21.68 -0.26 0.00	19.50 -0.27 0.00	16.56 -0.18 0.00	16.74 -0.12 0.00	37.10 -0.18 0.00	17.00 -0.18 0.00	15.21 -0.18 0.00	15.95 -0.11 0.00	13.77 -0.10 0.00	15.14 -0.13 0.00	15.13 -0.16 0.00	19.46 -0.32 0.00	25.62 -0.35 0.00	37.04 -0.58 0.00	38.82 -0.67 0.00	44.08 -0.59 0.00	32.47 -0.55 0.00	26.41 -0.51 0.00	17.46 -0.39 0.00	17.10 -0.35 0.00	16.18 -0.36 0.00
BROWNFLS_115KV_TB_3_5 80003	22.14 1.48 0.00	22.93 1.49 0.00	23.65 1.50 0.00	22.40 1.42 0.00	23.42 1.48 0.00	21.12 1.34 0.00	17.95 1.22 0.00	18.11 1.24 0.00	40.00 2.72 0.00	17.96 0.79 0.00	15.80 0.41 0.00	16.35 0.29 0.00	14.09 0.21 0.00	15.52 0.25 0.00	15.51 0.21 0.00	20.24 0.46 0.00	27.10 1.13 0.00	40.38 2.76 0.00	43.08 3.59 0.00	48.63 3.96 0.00	35.78 2.77 0.00	28.95 2.03 0.00	19.05 1.21 0.00	18.52 1.07 0.00	17.43 0.90 0.00
BROWNSV1_27_KV_LOAD 356125	21.65 0.99 0.00	22.57 1.12 0.00	23.21 1.06 0.00	21.85 0.87 0.00	22.84 0.90 0.00	20.55 0.77 0.00	17.42 0.68 0.00	17.56 0.69 0.00	39.12 1.84 0.00	18.16 0.98 0.00	16.30 0.91 0.00	17.10 1.04 0.00	14.81 0.93 0.00	16.30 1.03 0.00	16.37 1.08 0.00	21.08 1.30 0.00	27.57 1.60 0.00	39.50 1.88 0.00	41.48 1.99 0.00	47.16 2.49 0.00	34.92 1.91 0.00	28.50 1.58 0.00	18.88 1.03 0.00	18.43 0.98 0.00	17.42 0.88 0.00
BURROWS___LYONSDAL 23803	21.47 0.81 0.00	22.22 0.77 0.00	22.92 0.77 0.00	21.70 0.72 0.00	22.71 0.77 0.00	20.50 0.73 0.00	17.42 0.69 0.00	17.58 0.72 0.00	38.85 1.57 0.00	17.65 0.47 0.00	15.64 0.25 0.00	16.24 0.18 0.00	14.02 0.14 0.00	15.44 0.17 0.00	15.46 0.17 0.00	20.03 0.26 0.00	26.57 0.60 0.00	39.13 1.51 0.00	41.44 1.94 0.00	46.85 2.18 0.00	34.51 1.50 0.00	28.04 1.12 0.00	18.51 0.67 0.00	18.04 0.59 0.00	17.01 0.48 0.00
CAITHNESS_CC_1 323624	21.39 0.73 0.00	22.57 1.12 0.00	23.14 1.00 0.00	21.73 0.75 0.00	22.65 0.71 0.00	20.43 0.66 0.00	17.25 0.52 0.00	17.34 0.48 0.00	38.81 1.53 0.00	18.03 0.85 0.00	16.19 0.80 0.00	17.00 0.94 0.00	14.67 0.79 0.00	16.18 0.92 0.00	16.30 1.01 0.00	21.04 1.26 0.00	27.51 1.53 0.00	39.20 1.59 0.00	41.31 1.81 0.00	46.89 2.22 0.00	34.74 1.72 0.00	28.45 1.53 0.00	18.80 0.96 0.00	18.42 0.97 0.00	17.37 0.84 0.00
CALPINE BETH_PAGE_GT4 24209	21.40 0.75 0.00	22.51 1.06 0.00	23.10 0.96 0.00	21.72 0.74 0.00	22.68 0.74 0.00	20.42 0.65 0.00	17.26 0.52 0.00	17.34 0.48 0.00	38.81 1.53 0.00	17.99 0.81 0.00	16.18 0.79 0.00	17.02 0.95 0.00	14.70 0.82 0.00	16.21 0.93 -0.01	16.29 0.99 0.00	21.01 1.24 0.00	27.43 1.45 0.00	39.00 1.38 0.00	41.04 1.54 0.00	46.62 1.95 0.00	34.54 1.52 0.00	28.26 1.34 0.00	18.69 0.85 0.00	18.34 0.89 0.00	17.31 0.78 0.00
CALPINE_BETH_PAGE_GT_4 323586	21.40 0.74 0.00	22.51 1.06 0.00	23.10 0.96 0.00	21.72 0.74 0.00	22.68 0.74 0.00	20.43 0.66 0.00	17.26 0.52 0.00	17.34 0.48 0.00	38.82 1.54 0.00	17.99 0.81 0.00	16.18 0.79 0.00	17.02 0.95 0.00	14.70 0.82 0.00	16.20 0.93 -0.01	16.29 1.00 0.00	21.01 1.24 0.00	27.43 1.46 0.00	39.00 1.39 0.00	41.03 1.54 0.00	46.62 1.95 0.00	34.54 1.52 0.00	28.26 1.34 0.00	18.69 0.84 0.00	18.34 0.89 0.00	17.31 0.78 0.00
CALPINE_BP_GT1 23823	21.40 0.74 0.00	22.51 1.06 0.00	23.10 0.96 0.00	21.72 0.74 0.00	22.68 0.74 0.00	20.43 0.66 0.00	17.26 0.52 0.00	17.34 0.48 0.00	38.82 1.54 0.00	17.99 0.81 0.00	16.18 0.79 0.00	17.02 0.95 0.00	14.70 0.82 0.00	16.20 0.93 -0.01	16.29 1.00 0.00	21.01 1.24 0.00	27.43 1.46 0.00	39.00 1.39 0.00	41.03 1.54 0.00	46.62 1.95 0.00	34.54 1.52 0.00	28.26 1.34 0.00	18.69 0.84 0.00	18.34 0.89 0.00	17.31 0.78 0.00
CALSPAN___DRP 24200	20.05 -0.61 0.00	20.72 -0.72 0.00	21.64 -0.50 0.00	20.39 -0.59 0.00	21.24 -0.71 0.00	18.99 -0.79 0.00	16.09 -0.65 0.00	16.24 -0.62 0.00	35.89 -1.39 0.00	16.49 -0.68 0.00	14.68 -0.71 0.00	15.43 -0.63 0.00	13.33 -0.55 0.00	14.72 -0.55 0.00	14.64 -0.65 0.00	18.59 -1.18 0.00	24.45 -1.53 0.00	35.36 -2.26 0.00	36.94 -2.56 0.00	41.54 -3.13 0.00	30.49 -2.52 0.00	24.79 -2.12 0.00	16.46 -1.38 0.00	16.27 -1.18 0.00	15.43 -1.10 0.00
CALVERTON___SOLAR	21.50	22.69	23.25	21.82	22.72	20.50	17.32	17.41	38.97	18.13	16.25	17.07	14.72	16.25	16.37	21.15	27.70	39.53	41.68	47.29	35.04	28.68	18.95	18.56	17.49

323806	0.84 0.00	1.24 0.00	1.10 0.00	0.84 0.00	0.78 0.00	0.73 0.00	0.58 0.00	0.54 0.00	1.69 0.00	0.95 0.00	0.86 0.00	1.01 0.00	0.84 0.00	0.98 0.00	1.08 0.00	1.37 0.00	1.72 0.00	1.92 0.00	2.19 0.00	2.62 0.00	2.02 0.00	1.76 0.00	1.11 0.00	1.10 0.00	0.96 0.00
CANDIGU_WT_PWR 323617	20.31 -0.35 0.00	20.95 -0.50 0.00	21.76 -0.38 0.00	20.52 -0.45 0.00	21.41 -0.54 0.00	19.19 -0.59 0.00	16.29 -0.45 0.00	16.48 -0.38 0.00	36.56 -0.72 0.00	16.61 -0.57 0.00	14.73 -0.66 0.00	15.51 -0.55 0.00	13.40 -0.48 0.00	14.75 -0.53 0.00	14.73 -0.57 0.00	18.79 -0.99 0.00	24.89 -1.08 0.00	36.03 -1.59 0.00	37.66 -1.84 0.00	42.51 -2.16 0.00	31.05 -1.97 0.00	25.16 -1.75 0.00	16.50 -1.34 0.00	16.17 -1.29 0.00	15.21 -1.32 0.00
CARR STREET_E_SYR 24060	20.28 -0.38 0.00	20.98 -0.46 0.00	21.68 -0.46 0.00	20.53 -0.44 0.00	21.45 -0.49 0.00	19.37 -0.40 0.00	16.43 -0.30 0.00	16.57 -0.29 0.00	36.57 -0.71 0.00	16.83 -0.35 0.00	15.04 -0.34 0.00	15.72 -0.34 0.00	13.58 -0.30 0.00	14.95 -0.32 0.00	14.92 -0.37 0.00	19.21 -0.56 0.00	25.30 -0.67 0.00	36.64 -0.97 0.00	38.45 -1.04 0.00	43.47 -1.20 0.00	32.08 -0.93 0.00	26.13 -0.78 0.00	17.36 -0.48 0.00	17.00 -0.46 0.00	16.14 -0.39 0.00
CARTHAGE___PAPER 23857	21.88 1.22 0.00	22.65 1.20 0.00	23.33 1.18 0.00	22.10 1.12 0.00	23.11 1.17 0.00	20.86 1.08 0.00	17.73 1.00 0.00	17.91 1.05 0.00	39.56 2.28 0.00	17.80 0.62 0.00	15.64 0.25 0.00	16.18 0.12 0.00	13.96 0.08 0.00	15.38 0.11 0.00	15.36 0.07 0.00	19.94 0.17 0.00	26.70 0.73 0.00	39.80 2.18 0.00	42.50 3.00 0.00	47.97 3.30 0.00	35.29 2.27 0.00	28.61 1.70 0.00	18.86 1.01 0.00	18.34 0.88 0.00	17.24 0.71 0.00
CASSADAGA_WT_PWR 323784	20.59 -0.07 0.00	21.18 -0.26 0.00	22.09 -0.06 0.00	20.80 -0.18 0.00	21.60 -0.34 0.00	19.25 -0.53 0.00	16.24 -0.49 0.00	16.36 -0.50 0.00	36.19 -1.09 0.00	16.57 -0.61 0.00	14.92 -0.47 0.00	15.85 -0.21 0.00	13.65 -0.23 0.00	15.02 -0.25 0.00	14.99 -0.30 0.00	19.03 -0.75 0.00	25.01 -0.97 0.00	36.06 -1.56 0.00	37.51 -1.98 0.00	41.91 -2.76 0.00	30.56 -2.46 0.00	24.54 -2.38 0.00	16.09 -1.75 0.00	15.95 -1.50 0.00	15.04 -1.49 0.00
CE_DUNWOOD___DRP 24194	21.37 0.71 0.00	22.28 0.84 0.00	22.92 0.78 0.00	21.60 0.62 0.00	22.58 0.64 0.00	20.33 0.55 0.00	17.24 0.50 0.00	17.37 0.51 0.00	38.69 1.41 0.00	17.93 0.76 0.00	16.09 0.70 0.00	16.86 0.80 0.00	14.59 0.71 0.00	16.06 0.78 0.00	16.12 0.83 0.00	20.77 1.00 0.00	27.20 1.23 0.00	39.02 1.41 0.00	40.99 1.50 0.00	46.58 1.91 0.00	34.48 1.46 0.00	28.12 1.20 0.00	18.63 0.79 0.00	18.20 0.75 0.00	17.20 0.67 0.00
CE_MILLWOOD___DRP 24193	21.34 0.68 0.00	22.25 0.80 0.00	22.89 0.75 0.00	21.57 0.59 0.00	22.56 0.61 0.00	20.30 0.53 0.00	17.22 0.48 0.00	17.35 0.49 0.00	38.65 1.37 0.00	17.91 0.73 0.00	16.06 0.68 0.00	16.83 0.77 0.00	14.57 0.69 0.00	16.03 0.75 0.00	16.09 0.80 0.00	20.73 0.96 0.00	27.15 1.18 0.00	38.97 1.35 0.00	40.94 1.45 0.00	46.52 1.85 0.00	34.43 1.41 0.00	28.07 1.16 0.00	18.60 0.76 0.00	18.18 0.73 0.00	17.17 0.64 0.00
CE_NYC2_DRP 24202	21.49 0.83 0.00	22.42 0.97 0.00	23.07 0.93 0.00	21.72 0.74 0.00	22.70 0.76 0.00	20.43 0.65 0.00	17.31 0.58 0.00	17.44 0.58 0.00	38.84 1.56 0.00	18.03 0.85 0.00	16.19 0.80 0.00	16.98 0.92 0.00	14.70 0.83 0.00	16.19 0.91 0.00	16.25 0.96 0.00	20.92 1.15 0.00	27.34 1.37 0.00	39.12 1.51 0.00	41.07 1.58 0.00	46.68 2.01 0.00	34.60 1.59 0.00	28.27 1.35 0.00	18.73 0.88 0.00	18.29 0.84 0.00	17.28 0.75 0.00
CE_NYC_DRP 24195	21.50 0.84 0.00	22.42 0.97 0.00	23.07 0.92 0.00	21.72 0.74 0.00	22.70 0.76 0.00	20.42 0.65 0.00	17.30 0.57 0.00	17.44 0.58 0.00	38.86 1.58 0.00	18.02 0.84 0.00	16.17 0.79 0.00	16.96 0.90 0.00	14.70 0.82 0.00	16.19 0.92 0.00	16.24 0.95 0.00	20.92 1.15 0.00	27.35 1.38 0.00	39.19 1.58 0.00	41.13 1.63 0.00	46.74 2.07 0.00	34.61 1.60 0.00	28.25 1.34 0.00	18.72 0.87 0.00	18.28 0.83 0.00	17.28 0.75 0.00
CHAFFEE___LFGE 323603	20.18 -0.48 0.00	20.83 -0.61 0.00	21.75 -0.39 0.00	20.50 -0.48 0.00	21.34 -0.60 0.00	19.10 -0.68 0.00	16.19 -0.54 0.00	16.36 -0.50 0.00	36.18 -1.10 0.00	16.63 -0.55 0.00	14.78 -0.61 0.00	15.54 -0.52 0.00	13.41 -0.46 0.00	14.81 -0.46 0.00	14.73 -0.56 0.00	18.72 -1.05 0.00	24.63 -1.35 0.00	35.61 -2.00 0.00	37.27 -2.22 0.00	41.98 -2.69 0.00	30.80 -2.21 0.00	25.04 -1.88 0.00	16.61 -1.23 0.00	16.41 -1.04 0.00	15.54 -0.99 0.00
CHATEAUG_35_KV_LOAD 355732	21.32 0.66 0.00	22.21 0.77 0.00	23.05 0.90 0.00	21.83 0.85 0.00	22.79 0.85 0.00	20.50 0.73 0.00	17.33 0.60 0.00	17.44 0.57 0.00	38.50 1.22 0.00	17.69 0.51 0.00	15.83 0.45 0.00	16.44 0.38 0.00	14.15 0.27 0.00	15.57 0.30 0.00	15.62 0.33 0.00	20.36 0.58 0.00	26.82 0.84 0.00	39.11 1.49 0.00	41.21 1.72 0.00	46.51 1.84 0.00	34.34 1.33 0.00	27.92 1.00 0.00	18.48 0.64 0.00	18.07 0.62 0.00	17.03 0.50 0.00
CHATEAUG_WT_PWR 323614	21.30 0.64 0.00	22.21 0.76 0.00	23.06 0.92 0.00	21.83 0.85 0.00	22.78 0.84 0.00	20.50 0.72 0.00	17.35 0.61 0.00	17.45 0.58 0.00	38.54 1.26 0.00	17.72 0.54 0.00	15.90 0.51 0.00	16.50 0.44 0.00	14.22 0.34 0.00	15.63 0.36 0.00	15.69 0.40 0.00	20.43 0.66 0.00	26.85 0.87 0.00	39.06 1.45 0.00	41.10 1.61 0.00	46.42 1.76 0.00	34.27 1.26 0.00	27.84 0.92 0.00	18.43 0.59 0.00	18.03 0.58 0.00	17.00 0.47 0.00
CHAT_HIGH_FALL_HYD 323578	21.32 0.66 0.00	22.21 0.77 0.00	23.05 0.90 0.00	21.83 0.85 0.00	22.79 0.85 0.00	20.50 0.73 0.00	17.33 0.60 0.00	17.44 0.57 0.00	38.50 1.22 0.00	17.69 0.51 0.00	15.83 0.45 0.00	16.44 0.38 0.00	14.15 0.27 0.00	15.57 0.30 0.00	15.62 0.33 0.00	20.36 0.58 0.00	26.82 0.84 0.00	39.11 1.49 0.00	41.21 1.72 0.00	46.51 1.84 0.00	34.34 1.33 0.00	27.92 1.00 0.00	18.48 0.64 0.00	18.07 0.62 0.00	17.03 0.50 0.00
CHAUTAUQUA___LFGE 323629	20.33 -0.33 0.00	20.92 -0.53 0.00	21.81 -0.33 0.00	20.55 -0.43 0.00	21.39 -0.56 0.00	19.09 -0.69 0.00	16.14 -0.60 0.00	16.31 -0.55 0.00	36.14 -1.14 0.00	16.52 -0.66 0.00	14.77 -0.61 0.00	15.65 -0.41 0.00	13.50 -0.38 0.00	14.86 -0.41 0.00	14.81 -0.48 0.00	18.81 -0.96 0.00	24.77 -1.21 0.00	35.73 -1.89 0.00	37.28 -2.21 0.00	41.95 -2.72 0.00	30.62 -2.39 0.00	24.72 -2.19 0.00	16.32 -1.52 0.00	16.14 -1.31 0.00	15.24 -1.29 0.00
CHERRYST_13_KV_LD 356241	21.55 0.89 0.00	22.48 1.03 0.00	23.12 0.97 0.00	21.77 0.79 0.00	22.75 0.81 0.00	20.47 0.70 0.00	17.35 0.61 0.00	17.48 0.62 0.00	38.94 1.67 0.00	18.07 0.89 0.00	16.21 0.83 0.00	17.01 0.95 0.00	14.74 0.86 0.00	16.23 0.96 0.00	16.29 0.99 0.00	20.97 1.20 0.00	27.43 1.45 0.00	39.29 1.67 0.00	41.24 1.75 0.00	46.86 2.19 0.00	34.70 1.68 0.00	28.32 1.40 0.00	18.76 0.92 0.00	18.33 0.87 0.00	17.32 0.79 0.00
CHESTROR_138KV_BK263	21.28	22.17	22.81	21.51	22.49	20.25	17.17	17.32	38.53	17.84	15.99	16.73	14.47	15.92	15.98	20.59	27.01	38.87	40.86	46.43	34.34	27.98	18.54	18.11	17.11

355645	0.62 0.00	0.73 0.00	0.67 0.00	0.53 0.00	0.55 0.00	0.47 0.00	0.44 0.00	0.45 0.00	1.25 0.00	0.67 0.00	0.60 0.00	0.67 0.00	0.59 0.00	0.65 0.00	0.69 0.00	0.82 0.00	1.04 0.00	1.25 0.00	1.36 0.00	1.76 0.00	1.33 0.00	1.06 0.00	0.70 0.00	0.66 0.00	0.58 0.00
CH_MIDHUDSON___DRP 24192	21.34 0.69 0.00	22.24 0.80 0.00	22.88 0.74 0.00	21.60 0.62 0.00	22.59 0.65 0.00	20.35 0.57 0.00	17.27 0.53 0.00	17.42 0.55 0.00	38.71 1.44 0.00	17.91 0.73 0.00	16.08 0.69 0.00	16.80 0.74 0.00	14.55 0.67 0.00	16.00 0.73 0.00	16.06 0.77 0.00	20.72 0.95 0.00	27.16 1.19 0.00	39.07 1.45 0.00	41.07 1.58 0.00	46.62 1.95 0.00	34.50 1.48 0.00	28.12 1.20 0.00	18.63 0.79 0.00	18.20 0.75 0.00	17.19 0.66 0.00
CH_MISC_IPPS 23765	21.47 0.81 0.00	22.37 0.92 0.00	23.02 0.87 0.00	21.71 0.73 0.00	22.70 0.76 0.00	20.45 0.67 0.00	17.35 0.62 0.00	17.50 0.64 0.00	38.94 1.66 0.00	18.02 0.84 0.00	16.16 0.77 0.00	16.89 0.83 0.00	14.62 0.74 0.00	16.07 0.81 0.00	16.14 0.85 0.00	20.83 1.05 0.00	27.33 1.36 0.00	39.33 1.71 0.00	41.36 1.86 0.00	46.95 2.28 0.00	34.73 1.72 0.00	28.31 1.39 0.00	18.75 0.90 0.00	18.31 0.86 0.00	17.29 0.76 0.00
CH_RES_BVR_FALLS 23983	20.73 0.07 0.00	21.53 0.09 0.00	22.26 0.11 0.00	21.09 0.11 0.00	22.05 0.11 0.00	19.87 0.09 0.00	16.78 0.04 0.00	16.90 0.04 0.00	37.33 0.05 0.00	17.21 0.03 0.00	15.41 0.02 0.00	16.07 0.01 0.00	13.87 -0.01 0.00	15.27 0.00 0.00	15.29 0.00 0.00	19.82 0.05 0.00	26.06 0.08 0.00	37.83 0.21 0.00	39.74 0.24 0.00	44.87 0.20 0.00	33.16 0.14 0.00	27.05 0.13 0.00	17.92 0.08 0.00	17.52 0.07 0.00	16.53 0.00 0.00
CH_RES_NIAGARA 23895	19.44 -1.22 0.00	20.13 -1.31 0.00	21.06 -1.08 0.00	19.86 -1.12 0.00	20.67 -1.28 0.00	18.48 -1.29 0.00	15.66 -1.08 0.00	15.79 -1.07 0.00	34.81 -2.47 0.00	16.07 -1.11 0.00	14.29 -1.10 0.00	15.00 -1.06 0.00	12.96 -0.91 0.00	14.34 -0.93 0.00	14.23 -1.06 0.00	18.04 -1.73 0.00	23.65 -2.33 0.00	34.24 -3.38 0.00	35.58 -3.91 0.00	39.87 -4.80 0.00	29.33 -3.68 0.00	23.91 -3.00 0.00	15.95 -1.89 0.00	15.79 -1.66 0.00	15.01 -1.52 0.00
CH_RES_SYRACUSE 23985	20.41 -0.25 0.00	21.11 -0.33 0.00	21.82 -0.33 0.00	20.66 -0.32 0.00	21.57 -0.37 0.00	19.47 -0.30 0.00	16.52 -0.21 0.00	16.67 -0.19 0.00	36.81 -0.47 0.00	16.93 -0.25 0.00	15.13 -0.26 0.00	15.80 -0.26 0.00	13.65 -0.23 0.00	15.01 -0.26 0.00	15.00 -0.30 0.00	19.31 -0.46 0.00	25.47 -0.50 0.00	36.96 -0.65 0.00	38.80 -0.70 0.00	43.86 -0.81 0.00	32.36 -0.65 0.00	26.34 -0.58 0.00	17.46 -0.38 0.00	17.10 -0.36 0.00	16.23 -0.30 0.00
CLINTON_WT_PWR 323605	21.30 0.64 0.00	22.21 0.76 0.00	23.06 0.92 0.00	21.83 0.85 0.00	22.78 0.84 0.00	20.50 0.72 0.00	17.35 0.61 0.00	17.45 0.58 0.00	38.54 1.26 0.00	17.72 0.54 0.00	15.90 0.51 0.00	16.50 0.44 0.00	14.22 0.34 0.00	15.63 0.36 0.00	15.69 0.40 0.00	20.43 0.66 0.00	26.85 0.87 0.00	39.06 1.45 0.00	41.10 1.61 0.00	46.42 1.76 0.00	34.27 1.26 0.00	27.84 0.92 0.00	18.43 0.59 0.00	18.03 0.58 0.00	17.00 0.47 0.00
CLINTON___LFGE 323618	21.72 1.07 0.00	22.67 1.23 0.00	23.60 1.46 0.00	22.32 1.34 0.00	23.29 1.35 0.00	20.95 1.17 0.00	17.75 1.02 0.00	17.84 0.98 0.00	39.45 2.16 0.00	18.10 0.92 0.00	16.28 0.89 0.00	16.86 0.79 0.00	14.51 0.63 0.00	15.92 0.65 0.00	16.01 0.72 0.00	20.87 1.10 0.00	27.41 1.43 0.00	39.90 2.28 0.00	41.98 2.48 0.00	47.47 2.79 0.00	35.02 2.01 0.00	28.38 1.47 0.00	18.78 0.94 0.00	18.37 0.92 0.00	17.29 0.75 0.00
COBBLENY_34_KV_TB1 80064	20.18 -0.48 0.00	20.83 -0.61 0.00	21.75 -0.39 0.00	20.50 -0.48 0.00	21.34 -0.60 0.00	19.09 -0.68 0.00	16.19 -0.54 0.00	16.36 -0.50 0.00	36.18 -1.10 0.00	16.63 -0.55 0.00	14.78 -0.60 0.00	15.54 -0.52 0.00	13.41 -0.46 0.00	14.81 -0.46 0.00	14.73 -0.56 0.00	18.72 -1.05 0.00	24.63 -1.34 0.00	35.61 -2.00 0.00	37.27 -2.22 0.00	41.99 -2.68 0.00	30.81 -2.21 0.00	25.04 -1.88 0.00	16.61 -1.23 0.00	16.41 -1.04 0.00	15.54 -0.99 0.00
COFFEEN___115KV_TB3 355620	21.74 1.09 0.00	22.50 1.05 0.00	23.17 1.03 0.00	21.95 0.97 0.00	22.96 1.02 0.00	20.72 0.94 0.00	17.63 0.89 0.00	17.81 0.94 0.00	39.35 2.07 0.00	17.71 0.53 0.00	15.55 0.16 0.00	16.09 0.03 0.00	13.87 -0.01 0.00	15.29 0.02 0.00	15.24 -0.05 0.00	19.72 -0.05 0.00	26.44 0.47 0.00	39.47 1.85 0.00	42.25 2.75 0.00	47.70 3.03 0.00	35.06 2.05 0.00	28.45 1.53 0.00	18.75 0.91 0.00	18.24 0.79 0.00	17.14 0.61 0.00
COLDSPRG_115KV_BK1 355956	20.80 0.14 0.00	21.42 -0.02 0.00	22.32 0.18 0.00	21.00 0.02 0.00	21.88 -0.06 0.00	19.53 -0.24 0.00	16.52 -0.22 0.00	16.66 -0.21 0.00	36.98 -0.30 0.00	16.95 -0.23 0.00	15.17 -0.22 0.00	16.06 0.00 0.00	13.84 -0.04 0.00	15.24 -0.04 0.00	15.18 -0.11 0.00	19.33 -0.45 0.00	25.42 -0.55 0.00	36.57 -1.04 0.00	38.18 -1.32 0.00	43.04 -1.63 0.00	31.48 -1.53 0.00	25.44 -1.48 0.00	16.77 -1.08 0.00	16.59 -0.87 0.00	15.65 -0.88 0.00
COLONIE_LFGE___ 323577	21.34 0.69 0.00	22.21 0.77 0.00	22.89 0.74 0.00	21.69 0.71 0.00	22.71 0.76 0.00	20.47 0.70 0.00	17.40 0.67 0.00	17.54 0.68 0.00	38.83 1.56 0.00	17.85 0.67 0.00	16.00 0.61 0.00	16.62 0.57 0.00	14.38 0.50 0.00	15.81 0.54 0.00	15.90 0.61 0.00	20.58 0.81 0.00	27.05 1.08 0.00	39.10 1.48 0.00	41.01 1.52 0.00	46.41 1.74 0.00	34.34 1.32 0.00	28.02 1.10 0.00	18.59 0.74 0.00	18.17 0.72 0.00	17.19 0.66 0.00
COOPERNY_115KV_TB1 80082	21.24 0.58 0.00	22.13 0.69 0.00	22.77 0.63 0.00	21.49 0.51 0.00	22.46 0.52 0.00	20.22 0.45 0.00	17.14 0.41 0.00	17.27 0.41 0.00	38.43 1.15 0.00	17.81 0.63 0.00	15.95 0.57 0.00	16.69 0.63 0.00	14.44 0.56 0.00	15.88 0.61 0.00	15.94 0.65 0.00	20.55 0.78 0.00	26.95 0.98 0.00	38.80 1.18 0.00	40.79 1.29 0.00	46.33 1.66 0.00	34.27 1.26 0.00	27.93 1.01 0.00	18.50 0.66 0.00	18.08 0.62 0.00	17.08 0.55 0.00
COPENHAGEN_WT_PWR 323753	21.51 0.85 0.00	22.26 0.81 0.00	22.92 0.78 0.00	21.72 0.74 0.00	22.71 0.77 0.00	20.50 0.72 0.00	17.43 0.69 0.00	17.60 0.74 0.00	38.89 1.61 0.00	17.56 0.38 0.00	15.46 0.07 0.00	16.02 -0.04 0.00	13.82 -0.06 0.00	15.23 -0.04 0.00	15.19 -0.10 0.00	19.66 -0.11 0.00	26.27 0.30 0.00	39.03 1.42 0.00	41.64 2.14 0.00	46.99 2.32 0.00	34.56 1.54 0.00	28.08 1.16 0.00	18.52 0.68 0.00	18.01 0.56 0.00	16.95 0.41 0.00
CORNELL____ 23752	20.82 0.16 0.00	21.52 0.08 0.00	22.25 0.10 0.00	21.06 0.08 0.00	22.00 0.06 0.00	19.82 0.04 0.00	16.84 0.10 0.00	17.02 0.16 0.00	37.66 0.38 0.00	17.22 0.04 0.00	15.32 -0.07 0.00	15.98 -0.08 0.00	13.78 -0.09 0.00	15.15 -0.12 0.00	15.14 -0.15 0.00	19.52 -0.25 0.00	25.85 -0.12 0.00	37.66 0.05 0.00	39.64 0.14 0.00	44.91 0.24 0.00	33.08 0.07 0.00	26.89 -0.02 0.00	17.78 -0.07 0.00	17.38 -0.07 0.00	16.45 -0.08 0.00
CORONAAV_69_KV_TB1	21.44	22.51	23.11	21.74	22.70	20.44	17.28	17.34	38.79	18.00	16.20	17.04	14.75	16.25	16.29	21.01	27.43	39.19	41.23	46.83	34.68	28.33	18.74	18.33	17.30

355595	0.78 0.00	1.06 0.00	0.97 0.00	0.76 0.00	0.76 0.00	0.67 0.00	0.55 0.00	0.48 0.00	1.51 0.00	0.82 0.00	0.81 0.00	0.98 0.00	0.85 -0.03	0.94 -0.05	1.00 0.00	1.24 0.00	1.46 0.00	1.58 0.00	1.73 0.00	2.16 0.00	1.66 0.00	1.41 0.00	0.90 0.00	0.87 0.00	0.77 0.00
CORTLAND_115KV_TB3 80093	20.68 0.02 0.00	21.38 -0.07 0.00	22.10 -0.05 0.00	20.92 -0.06 0.00	21.87 -0.07 0.00	19.71 -0.07 0.00	16.74 0.01 0.00	16.91 0.05 0.00	37.41 0.12 0.00	17.13 -0.05 0.00	15.28 -0.11 0.00	15.97 -0.10 0.00	13.79 -0.09 0.00	15.16 -0.11 0.00	15.15 -0.14 0.00	19.52 -0.25 0.00	25.76 -0.21 0.00	37.44 -0.17 0.00	39.37 -0.12 0.00	44.61 -0.07 0.00	32.88 -0.13 0.00	26.75 -0.16 0.00	17.70 -0.14 0.00	17.31 -0.14 0.00	16.39 -0.14 0.00
COXSACKIE___GT 23611	22.00 1.35 0.00	22.84 1.40 0.00	23.54 1.40 0.00	22.31 1.33 0.00	23.43 1.49 0.00	21.13 1.35 0.00	17.96 1.22 0.00	18.14 1.27 0.00	40.10 2.82 0.00	18.23 1.05 0.00	16.16 0.78 0.00	16.73 0.67 0.00	14.45 0.58 0.00	15.88 0.61 0.00	15.97 0.68 0.00	20.73 0.96 0.00	27.54 1.56 0.00	40.48 2.87 0.00	42.86 3.36 0.00	48.40 3.73 0.00	35.68 2.67 0.00	29.07 2.16 0.00	19.24 1.39 0.00	18.74 1.29 0.00	17.68 1.15 0.00
CPV_VALLEY___CC1 323721	21.19 0.53 0.00	22.08 0.63 0.00	22.72 0.58 0.00	21.44 0.45 0.00	22.41 0.47 0.00	20.18 0.40 0.00	17.11 0.37 0.00	17.25 0.38 0.00	38.37 1.09 0.00	17.77 0.60 0.00	15.93 0.54 0.00	16.67 0.62 0.00	14.43 0.55 0.00	15.87 0.60 0.00	15.93 0.64 0.00	20.53 0.76 0.00	26.91 0.94 0.00	38.69 1.07 0.00	40.66 1.17 0.00	46.20 1.53 0.00	34.18 1.16 0.00	27.85 0.93 0.00	18.46 0.61 0.00	18.04 0.59 0.00	17.04 0.51 0.00
CPV_VALLEY___CC2 323722	21.19 0.53 0.00	22.08 0.63 0.00	22.72 0.58 0.00	21.44 0.45 0.00	22.41 0.47 0.00	20.18 0.40 0.00	17.11 0.37 0.00	17.25 0.38 0.00	38.37 1.09 0.00	17.77 0.60 0.00	15.93 0.54 0.00	16.67 0.62 0.00	14.43 0.55 0.00	15.87 0.60 0.00	15.93 0.64 0.00	20.53 0.76 0.00	26.91 0.94 0.00	38.69 1.07 0.00	40.66 1.17 0.00	46.20 1.53 0.00	34.18 1.16 0.00	27.85 0.93 0.00	18.46 0.61 0.00	18.04 0.59 0.00	17.04 0.51 0.00
CRESCENT___HYD 24018	21.34 0.69 0.00	22.21 0.77 0.00	22.89 0.74 0.00	21.69 0.71 0.00	22.71 0.76 0.00	20.47 0.70 0.00	17.40 0.67 0.00	17.54 0.68 0.00	38.83 1.56 0.00	17.85 0.67 0.00	16.00 0.61 0.00	16.62 0.57 0.00	14.38 0.50 0.00	15.81 0.54 0.00	15.90 0.61 0.00	20.58 0.81 0.00	27.05 1.08 0.00	39.10 1.48 0.00	41.01 1.52 0.00	46.41 1.74 0.00	34.34 1.32 0.00	28.02 1.10 0.00	18.59 0.74 0.00	18.17 0.72 0.00	17.19 0.66 0.00
CRICKET___VALLEY_CC1 323756	21.15 0.49 0.00	22.05 0.61 0.00	22.69 0.55 0.00	21.43 0.44 0.00	22.40 0.46 0.00	20.20 0.42 0.00	17.15 0.42 0.00	17.29 0.43 0.00	38.42 1.14 0.00	17.76 0.58 0.00	15.97 0.58 0.00	16.66 0.60 0.00	14.44 0.56 0.00	15.86 0.59 0.00	15.93 0.64 0.00	20.54 0.77 0.00	26.94 0.96 0.00	38.74 1.12 0.00	40.75 1.25 0.00	46.24 1.57 0.00	34.22 1.21 0.00	27.88 0.96 0.00	18.48 0.64 0.00	18.05 0.60 0.00	17.06 0.53 0.00
CRICKET___VALLEY_CC2 323757	21.15 0.49 0.00	22.05 0.61 0.00	22.69 0.55 0.00	21.43 0.44 0.00	22.40 0.46 0.00	20.20 0.42 0.00	17.15 0.42 0.00	17.29 0.43 0.00	38.42 1.14 0.00	17.76 0.58 0.00	15.97 0.58 0.00	16.66 0.60 0.00	14.44 0.56 0.00	15.86 0.59 0.00	15.93 0.64 0.00	20.54 0.77 0.00	26.94 0.96 0.00	38.74 1.12 0.00	40.75 1.25 0.00	46.24 1.57 0.00	34.22 1.21 0.00	27.88 0.96 0.00	18.48 0.64 0.00	18.05 0.60 0.00	17.06 0.53 0.00
CRICKET___VALLEY_CC3 323758	21.15 0.49 0.00	22.05 0.61 0.00	22.69 0.55 0.00	21.43 0.44 0.00	22.40 0.46 0.00	20.20 0.42 0.00	17.15 0.42 0.00	17.29 0.43 0.00	38.42 1.14 0.00	17.76 0.58 0.00	15.97 0.58 0.00	16.66 0.60 0.00	14.44 0.56 0.00	15.86 0.59 0.00	15.93 0.64 0.00	20.54 0.77 0.00	26.94 0.96 0.00	38.74 1.12 0.00	40.75 1.25 0.00	46.24 1.57 0.00	34.22 1.21 0.00	27.88 0.96 0.00	18.48 0.64 0.00	18.05 0.60 0.00	17.06 0.53 0.00
CRUCIBLE_METL_DRP 24180	20.41 -0.25 0.00	21.11 -0.33 0.00	21.82 -0.33 0.00	20.66 -0.32 0.00	21.57 -0.37 0.00	19.47 -0.30 0.00	16.52 -0.21 0.00	16.67 -0.19 0.00	36.81 -0.47 0.00	16.93 -0.25 0.00	15.13 -0.26 0.00	15.80 -0.26 0.00	13.65 -0.23 0.00	15.02 -0.26 0.00	15.00 -0.30 0.00	19.31 -0.46 0.00	25.47 -0.50 0.00	36.96 -0.65 0.00	38.80 -0.70 0.00	43.86 -0.81 0.00	32.36 -0.65 0.00	26.34 -0.57 0.00	17.46 -0.38 0.00	17.10 -0.36 0.00	16.23 -0.30 0.00
DAHOWA___HYDRO 323763	21.57 0.91 0.00	22.44 0.99 0.00	23.13 0.99 0.00	21.95 0.97 0.00	22.96 1.02 0.00	20.71 0.93 0.00	17.63 0.90 0.00	17.78 0.92 0.00	39.34 2.07 0.00	17.98 0.80 0.00	16.08 0.69 0.00	16.68 0.62 0.00	14.43 0.55 0.00	15.85 0.58 0.00	15.97 0.67 0.00	20.67 0.90 0.00	27.34 1.36 0.00	39.71 2.10 0.00	41.76 2.27 0.00	47.28 2.61 0.00	34.96 1.94 0.00	28.44 1.52 0.00	18.83 0.99 0.00	18.42 0.97 0.00	17.42 0.89 0.00
DANC___LFGE 323619	21.00 0.34 0.00	21.73 0.28 0.00	22.40 0.26 0.00	21.23 0.25 0.00	22.19 0.25 0.00	20.03 0.26 0.00	17.00 0.27 0.00	17.17 0.31 0.00	37.90 0.61 0.00	17.24 0.06 0.00	15.25 -0.13 0.00	15.86 -0.19 0.00	13.69 -0.19 0.00	15.08 -0.19 0.00	15.04 -0.25 0.00	19.43 -0.34 0.00	25.81 -0.16 0.00	38.02 0.41 0.00	40.37 0.87 0.00	45.58 0.91 0.00	33.57 0.55 0.00	27.29 0.38 0.00	18.04 0.20 0.00	17.60 0.15 0.00	16.61 0.08 0.00
DANSKAMMER___1 23586	21.47 0.81 0.00	22.37 0.92 0.00	23.02 0.87 0.00	21.71 0.73 0.00	22.70 0.76 0.00	20.45 0.67 0.00	17.35 0.62 0.00	17.50 0.64 0.00	38.94 1.66 0.00	18.02 0.84 0.00	16.16 0.77 0.00	16.89 0.83 0.00	14.62 0.74 0.00	16.07 0.81 0.00	16.14 0.85 0.00	20.83 1.05 0.00	27.33 1.36 0.00	39.33 1.71 0.00	41.36 1.86 0.00	46.95 2.28 0.00	34.73 1.72 0.00	28.31 1.39 0.00	18.75 0.90 0.00	18.31 0.86 0.00	17.29 0.76 0.00
DANSKAMMER___2 23589	21.47 0.81 0.00	22.37 0.92 0.00	23.02 0.87 0.00	21.71 0.73 0.00	22.70 0.76 0.00	20.45 0.67 0.00	17.35 0.62 0.00	17.50 0.64 0.00	38.94 1.66 0.00	18.02 0.84 0.00	16.16 0.77 0.00	16.89 0.83 0.00	14.62 0.74 0.00	16.07 0.81 0.00	16.14 0.85 0.00	20.83 1.05 0.00	27.33 1.36 0.00	39.33 1.71 0.00	41.36 1.86 0.00	46.95 2.28 0.00	34.73 1.72 0.00	28.31 1.39 0.00	18.75 0.90 0.00	18.31 0.86 0.00	17.29 0.76 0.00
DANSKAMMER___3 23590	21.47 0.81 0.00	22.37 0.92 0.00	23.02 0.87 0.00	21.71 0.73 0.00	22.70 0.76 0.00	20.45 0.67 0.00	17.35 0.62 0.00	17.50 0.64 0.00	38.94 1.66 0.00	18.02 0.84 0.00	16.16 0.77 0.00	16.89 0.83 0.00	14.62 0.74 0.00	16.07 0.81 0.00	16.14 0.85 0.00	20.83 1.05 0.00	27.33 1.36 0.00	39.33 1.71 0.00	41.36 1.86 0.00	46.95 2.28 0.00	34.73 1.72 0.00	28.31 1.39 0.00	18.75 0.90 0.00	18.31 0.86 0.00	17.29 0.76 0.00
DANSKAMMER___4	21.47	22.37	23.02	21.71	22.70	20.45	17.35	17.50	38.94	18.02	16.16	16.89	14.62	16.07	16.14	20.83	27.33	39.33	41.36	46.95	34.73	28.31	18.75	18.31	17.29

23591	0.81 0.00	0.92 0.00	0.87 0.00	0.73 0.00	0.76 0.00	0.67 0.00	0.62 0.00	0.64 0.00	1.66 0.00	0.84 0.00	0.77 0.00	0.83 0.00	0.74 0.00	0.81 0.00	0.85 0.00	1.05 0.00	1.36 0.00	1.71 0.00	1.86 0.00	2.28 0.00	1.72 0.00	1.39 0.00	0.90 0.00	0.86 0.00	0.76 0.00
DANSKAMMER___DIESEL 23592	21.47 0.81 0.00	22.37 0.92 0.00	23.02 0.87 0.00	21.71 0.73 0.00	22.71 0.76 0.00	20.45 0.67 0.00	17.36 0.62 0.00	17.50 0.64 0.00	38.94 1.66 0.00	18.02 0.84 0.00	16.16 0.77 0.00	16.89 0.83 0.00	14.62 0.74 0.00	16.08 0.81 0.00	16.14 0.85 0.00	20.83 1.05 0.00	27.33 1.36 0.00	39.33 1.71 0.00	41.36 1.86 0.00	46.95 2.28 0.00	34.74 1.72 0.00	28.31 1.39 0.00	18.75 0.90 0.00	18.31 0.86 0.00	17.29 0.76 0.00
DARBY___SOLAR 323810	21.50 0.84 0.00	22.36 0.91 0.00	23.04 0.90 0.00	21.86 0.88 0.00	22.88 0.94 0.00	20.63 0.85 0.00	17.56 0.83 0.00	17.70 0.84 0.00	39.17 1.89 0.00	17.92 0.74 0.00	16.03 0.64 0.00	16.64 0.58 0.00	14.40 0.52 0.00	15.82 0.55 0.00	15.93 0.64 0.00	20.62 0.85 0.00	27.22 1.25 0.00	39.52 1.91 0.00	41.54 2.05 0.00	47.02 2.35 0.00	34.77 1.75 0.00	28.30 1.39 0.00	18.75 0.90 0.00	18.34 0.89 0.00	17.34 0.81 0.00
DASHVILLE___HYD 23610	21.09 0.42 0.00	21.96 0.51 0.00	22.62 0.47 0.00	21.35 0.37 0.00	22.34 0.39 0.00	20.11 0.34 0.00	17.08 0.35 0.00	17.24 0.38 0.00	38.27 0.99 0.00	17.72 0.55 0.00	15.92 0.53 0.00	16.64 0.58 0.00	14.40 0.52 0.00	15.84 0.57 0.00	15.89 0.60 0.00	20.49 0.71 0.00	26.79 0.82 0.00	38.56 0.95 0.00	40.54 1.04 0.00	46.01 1.34 0.00	34.05 1.04 0.00	27.77 0.85 0.00	18.40 0.56 0.00	17.98 0.52 0.00	16.99 0.45 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	21.65 0.99 0.00	22.91 1.46 0.00	23.39 1.25 0.00	21.92 0.94 0.00	22.74 0.80 0.00	20.49 0.72 0.00	17.33 0.59 0.00	17.44 0.58 0.00	39.17 1.89 0.00	18.32 1.14 0.00	16.43 1.04 0.00	17.25 1.19 0.00	14.89 1.01 0.00	16.46 1.20 0.00	16.59 1.30 0.00	21.44 1.66 0.00	28.13 2.16 0.00	40.21 2.59 0.00	42.42 2.93 0.00	48.08 3.41 0.00	35.61 2.59 0.00	29.12 2.21 0.00	19.24 1.40 0.00	18.82 1.36 0.00	17.71 1.18 0.00
DELAWARE___LFGE 323621	20.92 0.26 0.00	21.68 0.24 0.00	22.39 0.25 0.00	21.20 0.22 0.00	22.20 0.26 0.00	19.98 0.21 0.00	16.97 0.24 0.00	17.10 0.24 0.00	37.86 0.58 0.00	17.41 0.24 0.00	15.65 0.26 0.00	16.38 0.32 0.00	14.15 0.27 0.00	15.56 0.29 0.00	15.56 0.27 0.00	20.06 0.29 0.00	26.29 0.32 0.00	38.04 0.43 0.00	39.90 0.40 0.00	45.20 0.53 0.00	33.40 0.39 0.00	27.20 0.28 0.00	17.99 0.15 0.00	17.57 0.12 0.00	16.63 0.10 0.00
DERFIELD_115KV_TB7 355931	20.68 0.02 0.00	21.47 0.02 0.00	22.14 0.00 0.00	20.98 0.00 0.00	21.96 0.02 0.00	19.80 0.02 0.00	16.77 0.03 0.00	16.91 0.05 0.00	37.39 0.11 0.00	17.21 0.03 0.00	15.42 0.03 0.00	16.09 0.03 0.00	13.91 0.03 0.00	15.30 0.03 0.00	15.32 0.03 0.00	19.81 0.04 0.00	26.01 0.04 0.00	37.66 0.05 0.00	39.54 0.04 0.00	44.76 0.08 0.00	33.08 0.07 0.00	26.97 0.06 0.00	17.88 0.03 0.00	17.47 0.02 0.00	16.55 0.02 0.00
DOGLEVILLE___HYD 23807	20.77 0.11 0.00	21.56 0.11 0.00	22.17 0.02 0.00	21.02 0.04 0.00	22.08 0.14 0.00	19.89 0.12 0.00	16.95 0.22 0.00	17.17 0.31 0.00	37.93 0.65 0.00	17.10 -0.07 0.00	15.24 -0.15 0.00	15.87 -0.19 0.00	13.73 -0.15 0.00	15.05 -0.22 0.00	15.17 -0.12 0.00	19.76 -0.01 0.00	26.14 0.16 0.00	38.20 0.58 0.00	40.26 0.77 0.00	45.69 1.02 0.00	33.73 0.71 0.00	27.42 0.50 0.00	18.09 0.25 0.00	17.63 0.17 0.00	16.62 0.09 0.00
DUNKIRK___115KV_TB_200 55889	20.28 -0.37 0.00	20.87 -0.57 0.00	21.78 -0.37 0.00	20.52 -0.46 0.00	21.35 -0.59 0.00	19.06 -0.71 0.00	16.12 -0.61 0.00	16.30 -0.56 0.00	36.14 -1.14 0.00	16.52 -0.66 0.00	14.76 -0.63 0.00	15.63 -0.43 0.00	13.48 -0.40 0.00	14.84 -0.43 0.00	14.79 -0.50 0.00	18.79 -0.98 0.00	24.74 -1.23 0.00	35.68 -1.94 0.00	37.23 -2.26 0.00	41.95 -2.72 0.00	30.64 -2.38 0.00	24.75 -2.16 0.00	16.35 -1.49 0.00	16.17 -1.29 0.00	15.26 -1.27 0.00
DUNKIRK___1 23563	20.28 -0.37 0.00	20.87 -0.57 0.00	21.78 -0.37 0.00	20.52 -0.46 0.00	21.35 -0.59 0.00	19.06 -0.71 0.00	16.12 -0.61 0.00	16.30 -0.56 0.00	36.14 -1.14 0.00	16.52 -0.66 0.00	14.76 -0.63 0.00	15.63 -0.43 0.00	13.48 -0.40 0.00	14.84 -0.43 0.00	14.79 -0.50 0.00	18.79 -0.98 0.00	24.74 -1.23 0.00	35.68 -1.94 0.00	37.23 -2.26 0.00	41.95 -2.72 0.00	30.64 -2.38 0.00	24.75 -2.16 0.00	16.35 -1.49 0.00	16.17 -1.29 0.00	15.26 -1.27 0.00
DUNKIRK___2 23564	20.28 -0.37 0.00	20.87 -0.57 0.00	21.78 -0.37 0.00	20.52 -0.46 0.00	21.35 -0.59 0.00	19.06 -0.71 0.00	16.12 -0.61 0.00	16.30 -0.56 0.00	36.14 -1.14 0.00	16.52 -0.66 0.00	14.76 -0.63 0.00	15.63 -0.43 0.00	13.48 -0.40 0.00	14.84 -0.43 0.00	14.79 -0.50 0.00	18.79 -0.98 0.00	24.74 -1.23 0.00	35.68 -1.94 0.00	37.23 -2.26 0.00	41.95 -2.72 0.00	30.64 -2.38 0.00	24.75 -2.16 0.00	16.35 -1.49 0.00	16.17 -1.29 0.00	15.26 -1.27 0.00
DUNKIRK___3 23565	20.18 -0.48 0.00	20.79 -0.65 0.00	21.69 -0.45 0.00	20.44 -0.55 0.00	21.27 -0.67 0.00	19.00 -0.78 0.00	16.09 -0.65 0.00	16.25 -0.61 0.00	36.03 -1.25 0.00	16.50 -0.68 0.00	14.72 -0.67 0.00	15.55 -0.51 0.00	13.42 -0.45 0.00	14.79 -0.48 0.00	14.73 -0.57 0.00	18.71 -1.06 0.00	24.64 -1.34 0.00	35.54 -2.08 0.00	37.09 -2.40 0.00	41.83 -2.84 0.00	30.59 -2.43 0.00	24.77 -2.15 0.00	16.38 -1.46 0.00	16.20 -1.25 0.00	15.31 -1.22 0.00
DUNKIRK___4 23566	20.18 -0.48 0.00	20.79 -0.65 0.00	21.69 -0.45 0.00	20.44 -0.55 0.00	21.27 -0.67 0.00	19.00 -0.78 0.00	16.09 -0.65 0.00	16.25 -0.61 0.00	36.03 -1.25 0.00	16.50 -0.68 0.00	14.72 -0.67 0.00	15.55 -0.51 0.00	13.42 -0.45 0.00	14.79 -0.48 0.00	14.73 -0.57 0.00	18.71 -1.06 0.00	24.64 -1.34 0.00	35.54 -2.08 0.00	37.09 -2.40 0.00	41.83 -2.84 0.00	30.59 -2.43 0.00	24.77 -2.15 0.00	16.38 -1.46 0.00	16.20 -1.25 0.00	15.31 -1.22 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	21.41 0.75 0.00	22.32 0.88 0.00	22.96 0.81 0.00	21.63 0.65 0.00	22.60 0.66 0.00	20.35 0.58 0.00	17.25 0.52 0.00	17.39 0.52 0.00	38.73 1.45 0.00	17.96 0.78 0.00	16.12 0.73 0.00	16.90 0.84 0.00	14.64 0.76 0.00	16.10 0.83 0.00	16.17 0.88 0.00	20.83 1.05 0.00	27.27 1.30 0.00	39.09 1.47 0.00	41.05 1.55 0.00	46.64 1.97 0.00	34.52 1.51 0.00	28.17 1.26 0.00	18.66 0.82 0.00	18.24 0.79 0.00	17.23 0.70 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	21.35 0.70 0.00	22.25 0.80 0.00	22.89 0.75 0.00	21.59 0.61 0.00	22.58 0.64 0.00	20.33 0.55 0.00	17.24 0.51 0.00	17.39 0.53 0.00	38.70 1.42 0.00	17.92 0.74 0.00	16.06 0.67 0.00	16.80 0.74 0.00	14.53 0.66 0.00	15.98 0.71 0.00	16.05 0.76 0.00	20.69 0.92 0.00	27.14 1.16 0.00	39.05 1.44 0.00	41.06 1.57 0.00	46.66 1.99 0.00	34.51 1.49 0.00	28.12 1.20 0.00	18.63 0.78 0.00	18.20 0.75 0.00	17.19 0.66 0.00
E179THST_138_KV_TB4_REV_LBMP_J	21.46	22.43	23.07	21.72	22.70	20.42	17.31	17.45	38.83	18.03	16.18	16.93	14.67	16.14	16.21	20.87	27.31	39.13	41.12	46.75	34.66	28.30	18.71	18.27	17.26

345001	0.80 0.00	0.98 0.00	0.93 0.00	0.74 0.00	0.76 0.00	0.65 0.00	0.58 0.00	0.58 0.00	1.55 0.00	0.85 0.00	0.79 0.00	0.87 0.00	0.79 0.00	0.87 0.00	0.91 0.00	1.10 0.00	1.34 0.00	1.51 0.00	1.63 0.00	2.08 0.00	1.64 0.00	1.39 0.00	0.87 0.00	0.82 0.00	0.73 0.00
E179THST_13_KV_LOAD 356214	21.54 0.88 0.00	22.51 1.06 0.00	23.16 1.02 0.00	21.80 0.82 0.00	22.78 0.84 0.00	20.49 0.72 0.00	17.37 0.64 0.00	17.51 0.65 0.00	38.98 1.70 0.00	18.10 0.92 0.00	16.24 0.85 0.00	17.00 0.93 0.00	14.73 0.85 0.00	16.20 0.93 0.00	16.27 0.98 0.00	20.96 1.19 0.00	27.42 1.45 0.00	39.30 1.68 0.00	41.30 1.81 0.00	46.97 2.30 0.00	34.81 1.80 0.00	28.43 1.51 0.00	18.79 0.95 0.00	18.35 0.90 0.00	17.33 0.80 0.00
EAST HAMPTON___GT 23717	21.62 0.96 0.00	22.97 1.53 0.00	23.35 1.21 0.00	21.83 0.85 0.00	22.53 0.58 0.00	20.26 0.48 0.00	17.16 0.42 0.00	17.28 0.42 0.00	39.02 1.74 0.00	18.39 1.21 0.00	16.51 1.12 0.00	17.34 1.28 0.00	14.97 1.09 0.00	16.57 1.30 0.00	16.73 1.44 0.00	21.60 1.83 0.00	28.41 2.44 0.00	40.65 3.03 0.00	42.89 3.39 0.00	48.55 3.88 0.00	35.98 2.96 0.00	29.40 2.48 0.00	19.42 1.57 0.00	18.97 1.52 0.00	17.83 1.30 0.00
EAST RIVER___6 23660	21.52 0.86 0.00	22.44 1.00 0.00	23.09 0.94 0.00	21.74 0.76 0.00	22.73 0.78 0.00	20.44 0.67 0.00	17.32 0.59 0.00	17.45 0.59 0.00	38.88 1.60 0.00	18.02 0.85 0.00	16.18 0.79 0.00	16.97 0.91 0.00	14.72 0.84 0.00	16.22 0.95 0.00	16.27 0.98 0.00	20.94 1.16 0.00	27.39 1.42 0.00	39.24 1.62 0.00	41.15 1.65 0.00	46.76 2.09 0.00	34.63 1.62 0.00	28.26 1.34 0.00	18.72 0.87 0.00	18.28 0.82 0.00	17.28 0.75 0.00
EAST RIVER___7 23524	21.52 0.86 0.00	22.44 1.00 0.00	23.09 0.94 0.00	21.74 0.76 0.00	22.73 0.78 0.00	20.44 0.67 0.00	17.32 0.59 0.00	17.45 0.59 0.00	38.88 1.60 0.00	18.02 0.85 0.00	16.18 0.79 0.00	16.97 0.91 0.00	14.72 0.84 0.00	16.22 0.95 0.00	16.27 0.98 0.00	20.94 1.16 0.00	27.39 1.42 0.00	39.24 1.62 0.00	41.15 1.65 0.00	46.76 2.09 0.00	34.63 1.62 0.00	28.26 1.34 0.00	18.72 0.87 0.00	18.28 0.82 0.00	17.28 0.75 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	21.37 0.71 0.00	22.28 0.84 0.00	22.92 0.78 0.00	21.60 0.62 0.00	22.58 0.64 0.00	20.33 0.55 0.00	17.24 0.50 0.00	17.37 0.51 0.00	38.69 1.41 0.00	17.93 0.76 0.00	16.09 0.70 0.00	16.86 0.80 0.00	14.59 0.71 0.00	16.06 0.78 0.00	16.12 0.83 0.00	20.77 1.00 0.00	27.20 1.23 0.00	39.02 1.41 0.00	40.99 1.50 0.00	46.58 1.91 0.00	34.48 1.46 0.00	28.12 1.20 0.00	18.63 0.79 0.00	18.20 0.75 0.00	17.20 0.67 0.00
EAST_HAMPTON___DIESEL 23722	21.60 0.94 0.00	22.96 1.52 0.00	23.33 1.18 0.00	21.80 0.82 0.00	22.48 0.54 0.00	20.22 0.44 0.00	17.12 0.39 0.00	17.25 0.39 0.00	38.96 1.68 0.00	18.38 1.20 0.00	16.51 1.12 0.00	17.34 1.28 0.00	14.96 1.08 0.00	16.57 1.30 0.00	16.73 1.44 0.00	21.60 1.83 0.00	28.42 2.45 0.00	40.65 3.04 0.00	42.89 3.40 0.00	48.55 3.88 0.00	35.98 2.96 0.00	29.40 2.48 0.00	19.42 1.57 0.00	18.98 1.53 0.00	17.83 1.30 0.00
EAST_POINT___SOLAR 323840	21.94 1.29 0.00	22.76 1.31 0.00	23.50 1.35 0.00	22.23 1.25 0.00	23.24 1.30 0.00	20.93 1.16 0.00	17.78 1.05 0.00	17.92 1.06 0.00	39.30 2.02 0.00	17.36 0.18 0.00	15.40 0.01 0.00	16.08 0.02 0.00	13.94 0.07 0.00	15.36 0.09 0.00	15.35 0.06 0.00	19.81 0.03 0.00	26.74 0.77 0.00	40.07 2.45 0.00	42.44 2.94 0.00	47.98 3.31 0.00	35.38 2.37 0.00	28.70 1.78 0.00	18.94 1.10 0.00	18.45 1.00 0.00	17.42 0.89 0.00
EAST_PULASKI___ESR 323781	20.51 -0.14 0.00	21.22 -0.22 0.00	21.91 -0.24 0.00	20.76 -0.22 0.00	21.69 -0.25 0.00	19.59 -0.19 0.00	16.61 -0.13 0.00	16.76 -0.10 0.00	36.97 -0.30 0.00	16.94 -0.23 0.00	15.08 -0.31 0.00	15.73 -0.33 0.00	13.58 -0.29 0.00	14.95 -0.32 0.00	14.92 -0.37 0.00	19.23 -0.54 0.00	25.40 -0.57 0.00	37.10 -0.52 0.00	39.16 -0.33 0.00	44.26 -0.41 0.00	32.64 -0.38 0.00	26.56 -0.36 0.00	17.58 -0.26 0.00	17.21 -0.24 0.00	16.29 -0.24 0.00
EAST_RIVER___1 323558	21.50 0.84 0.00	22.42 0.97 0.00	23.07 0.92 0.00	21.72 0.74 0.00	22.70 0.76 0.00	20.42 0.65 0.00	17.30 0.57 0.00	17.44 0.58 0.00	38.86 1.58 0.00	18.02 0.84 0.00	16.17 0.79 0.00	16.96 0.90 0.00	14.70 0.82 0.00	16.19 0.92 0.00	16.24 0.95 0.00	20.91 1.14 0.00	27.36 1.38 0.00	39.19 1.58 0.00	41.13 1.63 0.00	46.74 2.07 0.00	34.61 1.60 0.00	28.25 1.34 0.00	18.72 0.87 0.00	18.28 0.83 0.00	17.28 0.75 0.00
EAST_RIVER___2 323559	21.52 0.86 0.00	22.44 1.00 0.00	23.09 0.94 0.00	21.74 0.76 0.00	22.73 0.78 0.00	20.44 0.67 0.00	17.32 0.59 0.00	17.45 0.59 0.00	38.88 1.60 0.00	18.02 0.85 0.00	16.18 0.79 0.00	16.97 0.91 0.00	14.72 0.84 0.00	16.22 0.95 0.00	16.27 0.98 0.00	20.94 1.16 0.00	27.39 1.42 0.00	39.24 1.62 0.00	41.15 1.65 0.00	46.76 2.09 0.00	34.63 1.62 0.00	28.26 1.34 0.00	18.72 0.87 0.00	18.28 0.82 0.00	17.28 0.75 0.00
EAST___DELAWARE_HYD 23607	21.60 0.94 0.00	22.48 1.04 0.00	23.14 0.99 0.00	21.83 0.85 0.00	22.83 0.88 0.00	20.55 0.78 0.00	17.45 0.71 0.00	17.60 0.73 0.00	39.15 1.88 0.00	18.11 0.93 0.00	16.20 0.81 0.00	16.91 0.85 0.00	14.62 0.74 0.00	16.08 0.81 0.00	16.14 0.85 0.00	20.83 1.05 0.00	27.38 1.40 0.00	39.57 1.96 0.00	41.67 2.17 0.00	47.33 2.66 0.00	35.00 1.99 0.00	28.51 1.59 0.00	18.86 1.02 0.00	18.41 0.96 0.00	17.37 0.84 0.00
EIGHT_POINT___WT_PWR 323820	20.52 -0.14 0.00	21.16 -0.29 0.00	22.01 -0.13 0.00	20.72 -0.26 0.00	21.55 -0.39 0.00	19.34 -0.44 0.00	16.41 -0.32 0.00	16.61 -0.25 0.00	36.87 -0.41 0.00	16.74 -0.44 0.00	14.81 -0.58 0.00	15.57 -0.49 0.00	13.44 -0.43 0.00	14.80 -0.47 0.00	14.78 -0.52 0.00	18.83 -0.94 0.00	24.97 -1.00 0.00	36.23 -1.39 0.00	37.93 -1.57 0.00	42.58 -2.09 0.00	30.89 -2.12 0.00	25.05 -1.87 0.00	16.33 -1.51 0.00	15.97 -1.48 0.00	14.91 -1.62 0.00
ELBRIDGE_115KV_TB2 80188	20.31 -0.35 0.00	21.00 -0.44 0.00	21.71 -0.44 0.00	20.56 -0.42 0.00	21.45 -0.49 0.00	19.36 -0.42 0.00	16.43 -0.31 0.00	16.58 -0.28 0.00	36.62 -0.66 0.00	16.85 -0.33 0.00	15.05 -0.33 0.00	15.73 -0.33 0.00	13.57 -0.31 0.00	14.93 -0.34 0.00	14.92 -0.37 0.00	19.20 -0.58 0.00	25.31 -0.66 0.00	36.74 -0.87 0.00	38.53 -0.97 0.00	43.56 -1.11 0.00	32.14 -0.87 0.00	26.17 -0.75 0.00	17.34 -0.50 0.00	16.99 -0.46 0.00	16.14 -0.39 0.00
ELEC_TRO_TEK 24086	21.33 0.67 0.00	22.39 0.94 0.00	22.99 0.85 0.00	21.63 0.65 0.00	22.59 0.65 0.00	20.34 0.57 0.00	17.20 0.46 0.00	17.27 0.41 0.00	38.66 1.38 0.00	17.94 0.76 0.00	16.13 0.74 0.00	16.95 0.89 0.00	14.66 0.77 -0.01	16.15 0.86 -0.02	16.21 0.92 0.00	20.91 1.13 0.00	27.29 1.32 0.00	38.98 1.36 0.00	41.00 1.51 0.00	46.58 1.91 0.00	34.50 1.48 0.00	28.19 1.27 0.00	18.65 0.81 0.00	18.24 0.79 0.00	17.22 0.69 0.00
ELLENBURG_WT_PWR	21.30	22.21	23.06	21.83	22.78	20.50	17.35	17.45	38.54	17.72	15.90	16.50	14.22	15.63	15.69	20.43	26.85	39.06	41.10	46.42	34.27	27.84	18.43	18.03	17.00

323604	0.64 0.00	0.76 0.00	0.92 0.00	0.85 0.00	0.84 0.00	0.72 0.00	0.61 0.00	0.58 0.00	1.26 0.00	0.54 0.00	0.51 0.00	0.44 0.00	0.34 0.00	0.36 0.00	0.40 0.00	0.66 0.00	0.87 0.00	1.45 0.00	1.61 0.00	1.76 0.00	1.26 0.00	0.92 0.00	0.59 0.00	0.58 0.00	0.47 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	19.90 -0.75 0.00	20.58 -0.87 0.00	21.49 -0.65 0.00	20.26 -0.72 0.00	21.10 -0.85 0.00	18.86 -0.91 0.00	15.98 -0.75 0.00	16.13 -0.73 0.00	35.62 -1.66 0.00	16.39 -0.79 0.00	14.58 -0.81 0.00	15.33 -0.73 0.00	13.24 -0.63 0.00	14.63 -0.64 0.00	14.54 -0.75 0.00	18.47 -1.30 0.00	24.26 -1.71 0.00	35.11 -2.50 0.00	36.66 -2.83 0.00	41.19 -3.49 0.00	30.25 -2.77 0.00	24.61 -2.31 0.00	16.35 -1.49 0.00	16.17 -1.29 0.00	15.33 -1.20 0.00
EMPIRE_CC_1 323656	21.28 0.63 0.00	22.16 0.71 0.00	22.83 0.68 0.00	21.63 0.65 0.00	22.65 0.71 0.00	20.42 0.65 0.00	17.34 0.61 0.00	17.49 0.63 0.00	38.72 1.44 0.00	17.83 0.65 0.00	15.99 0.60 0.00	16.63 0.57 0.00	14.39 0.51 0.00	15.82 0.54 0.00	15.90 0.60 0.00	20.55 0.78 0.00	26.94 0.97 0.00	38.83 1.21 0.00	40.64 1.14 0.00	45.93 1.26 0.00	34.02 1.00 0.00	27.78 0.86 0.00	18.43 0.59 0.00	18.02 0.57 0.00	17.06 0.52 0.00
EMPIRE_CC_2 323658	21.28 0.63 0.00	22.16 0.71 0.00	22.83 0.68 0.00	21.63 0.65 0.00	22.65 0.71 0.00	20.42 0.65 0.00	17.34 0.61 0.00	17.49 0.63 0.00	38.72 1.44 0.00	17.83 0.65 0.00	15.99 0.60 0.00	16.63 0.57 0.00	14.39 0.51 0.00	15.82 0.54 0.00	15.90 0.60 0.00	20.55 0.78 0.00	26.94 0.97 0.00	38.83 1.21 0.00	40.64 1.14 0.00	45.93 1.26 0.00	34.02 1.00 0.00	27.78 0.86 0.00	18.43 0.59 0.00	18.02 0.57 0.00	17.06 0.52 0.00
ENORWICH_115KV_TB1 80156	21.80 1.15 0.00	22.50 1.06 0.00	23.29 1.14 0.00	22.05 1.07 0.00	23.07 1.13 0.00	20.79 1.02 0.00	17.69 0.96 0.00	17.87 1.01 0.00	39.57 2.30 0.00	18.03 0.85 0.00	16.02 0.63 0.00	16.65 0.59 0.00	14.36 0.48 0.00	15.77 0.50 0.00	15.75 0.46 0.00	20.41 0.64 0.00	27.22 1.25 0.00	40.02 2.40 0.00	42.23 2.74 0.00	47.92 3.25 0.00	35.27 2.26 0.00	28.53 1.62 0.00	18.69 0.85 0.00	18.09 0.64 0.00	17.06 0.53 0.00
ERIE_ST__34_KV_TB1-2 80199	20.27 -0.38 0.00	20.96 -0.48 0.00	21.88 -0.27 0.00	20.60 -0.38 0.00	21.47 -0.47 0.00	19.18 -0.59 0.00	16.27 -0.46 0.00	16.42 -0.44 0.00	36.33 -0.95 0.00	16.69 -0.49 0.00	14.85 -0.54 0.00	15.61 -0.45 0.00	13.47 -0.40 0.00	14.88 -0.39 0.00	14.80 -0.49 0.00	18.83 -0.95 0.00	24.77 -1.20 0.00	35.80 -1.81 0.00	37.45 -2.05 0.00	42.19 -2.48 0.00	30.97 -2.04 0.00	25.18 -1.73 0.00	16.72 -1.13 0.00	16.52 -0.93 0.00	15.65 -0.88 0.00
ERIE_WT_PWR 323693	20.06 -0.60 0.00	20.73 -0.71 0.00	21.66 -0.49 0.00	20.39 -0.59 0.00	21.25 -0.69 0.00	19.00 -0.78 0.00	16.09 -0.64 0.00	16.25 -0.61 0.00	35.90 -1.39 0.00	16.50 -0.68 0.00	14.67 -0.71 0.00	15.43 -0.63 0.00	13.33 -0.55 0.00	14.71 -0.55 0.00	14.64 -0.65 0.00	18.60 -1.18 0.00	24.45 -1.53 0.00	35.37 -2.25 0.00	36.95 -2.55 0.00	41.54 -3.13 0.00	30.49 -2.52 0.00	24.79 -2.12 0.00	16.47 -1.38 0.00	16.27 -1.18 0.00	15.43 -1.10 0.00
ESPRGFLD_115KV_TB1 80157	21.41 0.75 0.00	22.18 0.73 0.00	22.93 0.79 0.00	21.70 0.71 0.00	22.67 0.72 0.00	20.40 0.63 0.00	17.30 0.57 0.00	17.43 0.56 0.00	38.53 1.25 0.00	17.65 0.48 0.00	15.79 0.41 0.00	16.52 0.46 0.00	14.27 0.39 0.00	15.71 0.43 0.00	15.68 0.39 0.00	20.19 0.42 0.00	26.62 0.65 0.00	38.91 1.29 0.00	41.01 1.51 0.00	46.39 1.71 0.00	34.20 1.18 0.00	27.75 0.84 0.00	18.32 0.47 0.00	17.84 0.39 0.00	16.86 0.33 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	20.80 0.13 0.00	21.49 0.04 0.00	22.22 0.07 0.00	21.03 0.05 0.00	21.97 0.03 0.00	19.80 0.02 0.00	16.82 0.09 0.00	17.00 0.14 0.00	37.59 0.31 0.00	17.20 0.02 0.00	15.30 -0.09 0.00	15.97 -0.09 0.00	13.77 -0.10 0.00	15.14 -0.13 0.00	15.14 -0.16 0.00	19.51 -0.26 0.00	25.82 -0.15 0.00	37.62 0.00 0.00	39.57 0.07 0.00	44.84 0.16 0.00	33.04 0.03 0.00	26.86 -0.06 0.00	17.76 -0.09 0.00	17.37 -0.09 0.00	16.44 -0.09 0.00
ETNA____115KV_TB2 80207	20.80 0.13 0.00	21.49 0.04 0.00	22.22 0.07 0.00	21.03 0.05 0.00	21.97 0.03 0.00	19.80 0.02 0.00	16.82 0.09 0.00	17.00 0.14 0.00	37.59 0.31 0.00	17.20 0.02 0.00	15.30 -0.09 0.00	15.97 -0.09 0.00	13.77 -0.10 0.00	15.14 -0.13 0.00	15.14 -0.16 0.00	19.51 -0.26 0.00	25.82 -0.15 0.00	37.62 0.00 0.00	39.57 0.07 0.00	44.84 0.16 0.00	33.04 0.03 0.00	26.86 -0.06 0.00	17.76 -0.09 0.00	17.37 -0.09 0.00	16.44 -0.09 0.00
EUCLID____115KV_TB2 356179	20.20 -0.46 0.00	20.90 -0.55 0.00	21.60 -0.55 0.00	20.46 -0.52 0.00	21.37 -0.57 0.00	19.30 -0.48 0.00	16.37 -0.37 0.00	16.50 -0.36 0.00	36.41 -0.87 0.00	16.77 -0.41 0.00	14.99 -0.40 0.00	15.66 -0.40 0.00	13.53 -0.34 0.00	14.89 -0.38 0.00	14.87 -0.42 0.00	19.14 -0.63 0.00	25.20 -0.77 0.00	36.54 -1.08 0.00	38.36 -1.13 0.00	43.37 -1.30 0.00	32.01 -1.01 0.00	26.08 -0.84 0.00	17.29 -0.55 0.00	16.93 -0.52 0.00	16.07 -0.46 0.00
E_CANADA_CAP_HY 24051	21.73 1.07 0.00	22.53 1.08 0.00	23.28 1.14 0.00	22.05 1.06 0.00	23.01 1.07 0.00	20.73 0.95 0.00	17.56 0.83 0.00	17.68 0.82 0.00	39.00 1.72 0.00	17.70 0.52 0.00	15.77 0.38 0.00	16.47 0.41 0.00	14.24 0.36 0.00	15.69 0.42 0.00	15.68 0.39 0.00	20.25 0.47 0.00	26.79 0.82 0.00	39.50 1.89 0.00	41.74 2.24 0.00	47.15 2.48 0.00	34.76 1.75 0.00	28.20 1.28 0.00	18.63 0.78 0.00	18.16 0.70 0.00	17.16 0.63 0.00
E_CANADA_MHWK_HY 24050	20.77 0.11 0.00	21.56 0.11 0.00	22.17 0.02 0.00	21.02 0.04 0.00	22.08 0.14 0.00	19.89 0.12 0.00	16.95 0.22 0.00	17.17 0.31 0.00	37.93 0.65 0.00	17.10 -0.07 0.00	15.24 -0.15 0.00	15.87 -0.19 0.00	13.73 -0.15 0.00	15.05 -0.22 0.00	15.17 -0.12 0.00	19.76 -0.01 0.00	26.14 0.16 0.00	38.20 0.58 0.00	40.26 0.77 0.00	45.69 1.02 0.00	33.73 0.71 0.00	27.42 0.50 0.00	18.09 0.25 0.00	17.63 0.17 0.00	16.62 0.09 0.00
E_FISHKILL__LBMP 23776	21.27 0.61 0.00	22.18 0.73 0.00	22.82 0.68 0.00	21.52 0.54 0.00	22.51 0.57 0.00	20.26 0.49 0.00	17.19 0.46 0.00	17.33 0.47 0.00	38.55 1.27 0.00	17.85 0.67 0.00	16.02 0.63 0.00	16.76 0.70 0.00	14.51 0.64 0.00	15.96 0.69 0.00	16.02 0.73 0.00	20.66 0.88 0.00	27.06 1.09 0.00	38.88 1.26 0.00	40.84 1.34 0.00	46.37 1.70 0.00	34.32 1.30 0.00	27.98 1.07 0.00	18.55 0.70 0.00	18.13 0.68 0.00	17.12 0.60 0.00
FALCON__SEABRD_CC1 323796	21.68 1.03 0.00	22.65 1.21 0.00	23.61 1.46 0.00	22.33 1.34 0.00	23.29 1.35 0.00	20.94 1.17 0.00	17.75 1.02 0.00	17.83 0.97 0.00	39.40 2.12 0.00	18.09 0.91 0.00	16.30 0.91 0.00	16.86 0.79 0.00	14.51 0.63 0.00	15.93 0.66 0.00	16.03 0.74 0.00	20.90 1.13 0.00	27.38 1.40 0.00	39.75 2.13 0.00	41.78 2.28 0.00	47.24 2.56 0.00	34.87 1.86 0.00	28.25 1.33 0.00	18.69 0.85 0.00	18.30 0.85 0.00	17.22 0.69 0.00
FALCON__SEABRD_CC2	21.68	22.65	23.61	22.33	23.29	20.94	17.75	17.83	39.40	18.09	16.30	16.86	14.51	15.93	16.03	20.90	27.38	39.75	41.78	47.24	34.87	28.25	18.69	18.30	17.22

323797	1.03 0.00	1.21 0.00	1.46 0.00	1.34 0.00	1.35 0.00	1.17 0.00	1.02 0.00	0.97 0.00	2.12 0.00	0.91 0.00	0.91 0.00	0.79 0.00	0.63 0.00	0.66 0.00	0.74 0.00	1.13 0.00	1.40 0.00	2.13 0.00	2.28 0.00	2.56 0.00	1.86 0.00	1.33 0.00	0.85 0.00	0.85 0.00	0.69 0.00
FAR ROCKAWAY___4 23548	21.56 0.90 0.00	22.63 1.19 0.00	23.24 1.10 0.00	21.85 0.87 0.00	22.82 0.88 0.00	20.55 0.78 0.00	17.38 0.64 0.00	17.43 0.57 0.00	39.00 1.72 0.00	18.10 0.92 0.00	16.29 0.90 0.00	17.14 1.08 0.00	14.84 0.94 -0.03	16.36 1.03 -0.05	16.40 1.11 0.00	21.15 1.37 0.00	27.62 1.65 0.00	39.46 1.84 0.00	41.51 2.02 0.00	47.17 2.49 0.00	34.92 1.90 0.00	28.52 1.60 0.00	18.86 1.02 0.00	18.43 0.98 0.00	17.39 0.86 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	21.49 0.84 0.00	22.42 0.97 0.00	23.06 0.92 0.00	21.72 0.74 0.00	22.70 0.76 0.00	20.42 0.65 0.00	17.31 0.58 0.00	17.45 0.58 0.00	38.87 1.59 0.00	18.04 0.86 0.00	16.18 0.80 0.00	16.97 0.91 0.00	14.70 0.82 0.00	16.19 0.92 0.00	16.25 0.96 0.00	20.92 1.15 0.00	27.37 1.40 0.00	39.20 1.58 0.00	41.15 1.65 0.00	46.77 2.10 0.00	34.63 1.62 0.00	28.26 1.35 0.00	18.73 0.89 0.00	18.30 0.85 0.00	17.29 0.76 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	21.50 0.84 0.00	22.43 0.98 0.00	23.07 0.93 0.00	21.72 0.74 0.00	22.71 0.77 0.00	20.43 0.66 0.00	17.32 0.58 0.00	17.45 0.59 0.00	38.89 1.61 0.00	18.05 0.87 0.00	16.19 0.80 0.00	16.98 0.92 0.00	14.70 0.82 0.00	16.19 0.92 0.00	16.26 0.96 0.00	20.93 1.16 0.00	27.37 1.40 0.00	39.21 1.59 0.00	41.17 1.67 0.00	46.79 2.12 0.00	34.65 1.64 0.00	28.28 1.37 0.00	18.74 0.89 0.00	18.31 0.86 0.00	17.31 0.78 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	21.49 0.83 0.00	22.41 0.97 0.00	23.05 0.91 0.00	21.71 0.72 0.00	22.69 0.75 0.00	20.42 0.64 0.00	17.30 0.57 0.00	17.44 0.58 0.00	38.85 1.58 0.00	18.03 0.85 0.00	16.17 0.79 0.00	16.96 0.90 0.00	14.69 0.81 0.00	16.18 0.91 0.00	16.24 0.95 0.00	20.91 1.14 0.00	27.35 1.38 0.00	39.17 1.55 0.00	41.13 1.63 0.00	46.73 2.06 0.00	34.61 1.60 0.00	28.25 1.34 0.00	18.72 0.87 0.00	18.29 0.84 0.00	17.29 0.76 0.00
FARRAGUT___LBMP 323566	21.47 0.81 0.00	22.39 0.95 0.00	23.04 0.89 0.00	21.70 0.72 0.00	22.68 0.74 0.00	20.40 0.63 0.00	17.30 0.56 0.00	17.43 0.57 0.00	38.83 1.55 0.00	18.02 0.84 0.00	16.17 0.78 0.00	16.95 0.89 0.00	14.68 0.80 0.00	16.17 0.90 0.00	16.23 0.94 0.00	20.90 1.13 0.00	27.33 1.36 0.00	39.16 1.54 0.00	41.10 1.61 0.00	46.72 2.05 0.00	34.59 1.58 0.00	28.23 1.32 0.00	18.70 0.86 0.00	18.28 0.82 0.00	17.27 0.74 0.00
FENNER___WINDPWR 24204	20.94 0.28 0.00	21.66 0.22 0.00	22.37 0.23 0.00	21.19 0.21 0.00	22.18 0.24 0.00	20.03 0.25 0.00	17.01 0.27 0.00	17.16 0.30 0.00	37.93 0.66 0.00	17.35 0.17 0.00	15.46 0.07 0.00	16.11 0.05 0.00	13.91 0.03 0.00	15.31 0.05 0.00	15.32 0.03 0.00	19.78 0.00 0.00	26.10 0.13 0.00	38.07 0.45 0.00	40.10 0.61 0.00	45.38 0.71 0.00	33.46 0.45 0.00	27.23 0.31 0.00	18.01 0.17 0.00	17.59 0.14 0.00	16.65 0.12 0.00
FIBERTEK___ENERGY 23856	20.41 -0.25 0.00	21.11 -0.33 0.00	21.82 -0.33 0.00	20.66 -0.32 0.00	21.57 -0.37 0.00	19.47 -0.30 0.00	16.52 -0.21 0.00	16.67 -0.19 0.00	36.81 -0.47 0.00	16.93 -0.25 0.00	15.13 -0.26 0.00	15.80 -0.26 0.00	13.65 -0.23 0.00	15.02 -0.26 0.00	15.00 -0.30 0.00	19.31 -0.46 0.00	25.47 -0.50 0.00	36.96 -0.65 0.00	38.80 -0.70 0.00	43.86 -0.81 0.00	32.36 -0.65 0.00	26.34 -0.57 0.00	17.46 -0.38 0.00	17.10 -0.36 0.00	16.23 -0.30 0.00
FITZPATRICK___ 23598	19.94 -0.72 0.00	20.64 -0.81 0.00	21.33 -0.82 0.00	20.22 -0.76 0.00	21.11 -0.83 0.00	19.07 -0.70 0.00	16.17 -0.57 0.00	16.30 -0.57 0.00	35.93 -1.35 0.00	16.57 -0.61 0.00	14.82 -0.57 0.00	15.49 -0.57 0.00	13.38 -0.50 0.00	14.73 -0.54 0.00	14.70 -0.59 0.00	18.93 -0.84 0.00	24.90 -1.08 0.00	36.08 -1.53 0.00	37.88 -1.61 0.00	42.81 -1.86 0.00	31.62 -1.39 0.00	25.76 -1.15 0.00	17.08 -0.76 0.00	16.73 -0.72 0.00	15.90 -0.63 0.00
FLOWRFLD_69_KV_BK1 356044	21.46 0.80 0.00	22.62 1.18 0.00	23.21 1.07 0.00	21.81 0.82 0.00	22.74 0.80 0.00	20.49 0.72 0.00	17.31 0.57 0.00	17.38 0.52 0.00	38.93 1.65 0.00	18.07 0.89 0.00	16.23 0.85 0.00	17.06 1.00 0.00	14.72 0.84 0.00	16.24 0.98 0.00	16.35 1.06 0.00	21.11 1.34 0.00	27.60 1.63 0.00	39.34 1.72 0.00	41.47 1.97 0.00	47.08 2.41 0.00	34.88 1.86 0.00	28.56 1.64 0.00	18.87 1.03 0.00	18.45 1.00 0.00	17.41 0.88 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	21.51 0.85 0.00	22.40 0.96 0.00	23.05 0.90 0.00	21.74 0.76 0.00	22.74 0.80 0.00	20.48 0.71 0.00	17.39 0.65 0.00	17.53 0.67 0.00	39.01 1.74 0.00	18.05 0.87 0.00	16.18 0.80 0.00	16.92 0.86 0.00	14.64 0.76 0.00	16.11 0.84 0.00	16.17 0.88 0.00	20.87 1.09 0.00	27.38 1.41 0.00	39.41 1.79 0.00	41.44 1.95 0.00	47.04 2.37 0.00	34.80 1.79 0.00	28.36 1.44 0.00	18.78 0.94 0.00	18.34 0.89 0.00	17.32 0.79 0.00
FORT ORANGE___ 23900	21.27 0.61 0.00	22.13 0.68 0.00	22.79 0.65 0.00	21.59 0.61 0.00	22.66 0.72 0.00	20.42 0.65 0.00	17.32 0.58 0.00	17.47 0.60 0.00	38.66 1.38 0.00	17.76 0.58 0.00	15.90 0.52 0.00	16.56 0.50 0.00	14.32 0.44 0.00	15.74 0.48 0.00	15.82 0.52 0.00	20.45 0.68 0.00	26.88 0.91 0.00	38.91 1.29 0.00	40.86 1.37 0.00	46.22 1.55 0.00	34.20 1.19 0.00	27.91 0.99 0.00	18.50 0.66 0.00	18.07 0.62 0.00	17.09 0.56 0.00
FORT_DRUM_COGEN 23780	21.66 1.01 0.00	22.42 0.98 0.00	23.09 0.95 0.00	21.88 0.90 0.00	22.87 0.93 0.00	20.64 0.87 0.00	17.56 0.82 0.00	17.73 0.87 0.00	39.18 1.90 0.00	17.66 0.48 0.00	15.53 0.14 0.00	16.08 0.02 0.00	13.86 -0.01 0.00	15.28 0.01 0.00	15.24 -0.05 0.00	19.74 -0.03 0.00	26.42 0.45 0.00	39.34 1.73 0.00	42.02 2.53 0.00	47.45 2.78 0.00	34.89 1.88 0.00	28.31 1.39 0.00	18.67 0.83 0.00	18.15 0.70 0.00	17.08 0.55 0.00
FOX_HILLS___ESR 323835	21.57 0.91 0.00	22.51 1.06 0.00	23.17 1.02 0.00	21.81 0.83 0.00	22.78 0.84 0.00	20.49 0.72 0.00	17.36 0.63 0.00	17.50 0.64 0.00	38.95 1.67 0.00	18.09 0.91 0.00	16.23 0.84 0.00	16.99 0.93 0.00	14.70 0.82 0.00	16.18 0.91 0.00	16.24 0.95 0.00	20.92 1.15 0.00	27.37 1.40 0.00	39.12 1.50 0.00	41.10 1.61 0.00	46.76 2.09 0.00	34.72 1.71 0.00	28.41 1.49 0.00	18.81 0.96 0.00	18.35 0.90 0.00	17.34 0.81 0.00
FPL_FAR_ROCK_GT1 24212	21.56 0.90 0.00	22.63 1.19 0.00	23.24 1.09 0.00	21.85 0.87 0.00	22.82 0.88 0.00	20.55 0.78 0.00	17.38 0.64 0.00	17.43 0.57 0.00	39.00 1.72 0.00	18.10 0.92 0.00	16.29 0.90 0.00	17.14 1.08 0.00	14.84 0.94 -0.03	16.35 1.03 -0.05	16.40 1.11 0.00	21.15 1.37 0.00	27.62 1.64 0.00	39.46 1.84 0.00	41.51 2.02 0.00	47.16 2.49 0.00	34.92 1.90 0.00	28.52 1.60 0.00	18.86 1.01 0.00	18.43 0.98 0.00	17.39 0.86 0.00
FPL_FAR_ROCK_GT2	21.56	22.63	23.24	21.85	22.82	20.55	17.38	17.43	39.00	18.10	16.29	17.14	14.84	16.35	16.40	21.15	27.62	39.46	41.51	47.16	34.92	28.52	18.86	18.43	17.39

23815	0.90 0.00	1.19 0.00	1.09 0.00	0.87 0.00	0.88 0.00	0.78 0.00	0.64 0.00	0.57 0.00	1.72 0.00	0.92 0.00	0.90 0.00	1.08 0.00	0.94 -0.03	1.03 -0.05	1.11 0.00	1.37 0.00	1.64 0.00	1.84 0.00	2.02 0.00	2.49 0.00	1.90 0.00	1.60 0.00	1.01 0.00	0.98 0.00	0.86 0.00
FRANKLIN_FALL_HYD 24054	21.78 1.12 0.00	22.65 1.21 0.00	23.47 1.32 0.00	22.23 1.25 0.00	23.23 1.29 0.00	20.91 1.13 0.00	17.69 0.96 0.00	17.83 0.96 0.00	39.40 2.12 0.00	17.99 0.81 0.00	16.03 0.64 0.00	16.62 0.56 0.00	14.31 0.43 0.00	15.74 0.47 0.00	15.76 0.47 0.00	20.56 0.79 0.00	27.22 1.25 0.00	39.98 2.36 0.00	42.32 2.83 0.00	47.73 3.06 0.00	35.23 2.22 0.00	28.61 1.69 0.00	18.90 1.05 0.00	18.44 0.99 0.00	17.36 0.83 0.00
FREEPORT_EQUS_GT1 23764	21.42 0.77 0.00	22.51 1.06 0.00	23.10 0.96 0.00	21.72 0.74 0.00	22.68 0.74 0.00	20.43 0.66 0.00	17.26 0.53 0.00	17.34 0.48 0.00	38.77 1.49 0.00	17.95 0.78 0.00	16.19 0.80 0.00	17.02 0.96 0.00	14.72 0.83 -0.01	16.21 0.92 -0.02	16.29 1.00 0.00	21.02 1.24 0.00	27.45 1.48 0.00	39.08 1.47 0.00	41.07 1.58 0.00	46.72 2.05 0.00	34.68 1.66 0.00	28.35 1.43 0.00	18.74 0.90 0.00	18.35 0.90 0.00	17.31 0.78 0.00
FREEPORT___CT2 23818	21.42 0.77 0.00	22.51 1.06 0.00	23.10 0.96 0.00	21.72 0.74 0.00	22.68 0.74 0.00	20.43 0.66 0.00	17.26 0.53 0.00	17.34 0.48 0.00	38.77 1.49 0.00	17.95 0.78 0.00	16.19 0.80 0.00	17.02 0.96 0.00	14.72 0.83 -0.01	16.21 0.92 -0.02	16.29 1.00 0.00	21.02 1.24 0.00	27.45 1.48 0.00	39.08 1.47 0.00	41.07 1.58 0.00	46.72 2.05 0.00	34.68 1.66 0.00	28.35 1.43 0.00	18.74 0.90 0.00	18.35 0.90 0.00	17.31 0.78 0.00
FRESHKLS_33_KV_LOAD 356253	21.60 0.95 0.00	22.55 1.11 0.00	23.21 1.07 0.00	21.85 0.88 0.00	22.83 0.89 0.00	20.53 0.75 0.00	17.39 0.66 0.00	17.54 0.67 0.00	39.01 1.73 0.00	18.12 0.94 0.00	16.24 0.85 0.00	16.99 0.93 0.00	14.70 0.82 0.00	16.18 0.91 0.00	16.25 0.95 0.00	20.93 1.16 0.00	27.38 1.41 0.00	39.12 1.51 0.00	41.14 1.65 0.00	46.80 2.13 0.00	34.76 1.75 0.00	28.45 1.54 0.00	18.83 0.99 0.00	18.38 0.93 0.00	17.37 0.83 0.00
FULTON COGEN____ 23766	20.15 -0.51 0.00	20.85 -0.59 0.00	21.54 -0.60 0.00	20.42 -0.57 0.00	21.32 -0.62 0.00	19.27 -0.51 0.00	16.34 -0.40 0.00	16.47 -0.39 0.00	36.34 -0.94 0.00	16.73 -0.45 0.00	14.94 -0.45 0.00	15.62 -0.44 0.00	13.50 -0.38 0.00	14.86 -0.41 0.00	14.83 -0.46 0.00	19.09 -0.68 0.00	25.14 -0.84 0.00	36.49 -1.13 0.00	38.34 -1.16 0.00	43.34 -1.33 0.00	32.01 -1.01 0.00	26.06 -0.85 0.00	17.27 -0.57 0.00	16.90 -0.55 0.00	16.05 -0.48 0.00
FULTON___LFGE 323630	21.76 1.10 0.00	22.57 1.13 0.00	23.30 1.16 0.00	22.05 1.07 0.00	23.06 1.12 0.00	20.76 0.99 0.00	17.63 0.90 0.00	17.76 0.90 0.00	39.11 1.84 0.00	17.56 0.38 0.00	15.59 0.20 0.00	16.25 0.19 0.00	14.07 0.19 0.00	15.48 0.21 0.00	15.55 0.26 0.00	20.20 0.42 0.00	26.75 0.78 0.00	39.70 2.09 0.00	41.98 2.48 0.00	47.45 2.77 0.00	35.01 2.00 0.00	28.44 1.52 0.00	18.79 0.95 0.00	18.32 0.87 0.00	17.30 0.77 0.00
G.F.CEMENT___DRP 24184	21.58 0.92 0.00	22.44 1.00 0.00	23.14 0.99 0.00	21.98 1.00 0.00	23.00 1.05 0.00	20.74 0.96 0.00	17.68 0.94 0.00	17.82 0.96 0.00	39.43 2.15 0.00	17.99 0.82 0.00	16.10 0.71 0.00	16.68 0.63 0.00	14.45 0.57 0.00	15.87 0.60 0.00	16.00 0.71 0.00	20.69 0.92 0.00	27.39 1.42 0.00	39.83 2.21 0.00	41.95 2.45 0.00	47.51 2.83 0.00	35.12 2.11 0.00	28.51 1.60 0.00	18.86 1.02 0.00	18.47 1.02 0.00	17.46 0.93 0.00
GARDENVILLE___LBMP 24039	20.00 -0.66 0.00	20.67 -0.77 0.00	21.58 -0.56 0.00	20.33 -0.64 0.00	21.18 -0.77 0.00	18.93 -0.84 0.00	16.04 -0.69 0.00	16.19 -0.67 0.00	35.78 -1.50 0.00	16.45 -0.73 0.00	14.63 -0.76 0.00	15.39 -0.67 0.00	13.30 -0.58 0.00	14.68 -0.59 0.00	14.60 -0.69 0.00	18.55 -1.22 0.00	24.38 -1.59 0.00	35.26 -2.36 0.00	36.83 -2.67 0.00	41.40 -3.27 0.00	30.38 -2.64 0.00	24.70 -2.22 0.00	16.39 -1.45 0.00	16.21 -1.25 0.00	15.37 -1.16 0.00
GARDNVLA_35_KV_LD 355827	20.07 -0.59 0.00	20.75 -0.70 0.00	21.67 -0.48 0.00	20.42 -0.57 0.00	21.26 -0.68 0.00	19.01 -0.77 0.00	16.11 -0.62 0.00	16.27 -0.59 0.00	35.93 -1.34 0.00	16.52 -0.66 0.00	14.70 -0.69 0.00	15.45 -0.61 0.00	13.35 -0.53 0.00	14.74 -0.53 0.00	14.66 -0.63 0.00	18.63 -1.15 0.00	24.48 -1.49 0.00	35.41 -2.21 0.00	37.01 -2.49 0.00	41.62 -3.06 0.00	30.54 -2.48 0.00	24.83 -2.09 0.00	16.49 -1.35 0.00	16.29 -1.16 0.00	15.45 -1.08 0.00
GELCKHM___115KV_LOAD 80723	20.28 -0.38 0.00	20.98 -0.46 0.00	21.69 -0.46 0.00	20.54 -0.44 0.00	21.45 -0.49 0.00	19.37 -0.41 0.00	16.43 -0.30 0.00	16.56 -0.30 0.00	36.56 -0.72 0.00	16.83 -0.35 0.00	15.04 -0.34 0.00	15.72 -0.34 0.00	13.58 -0.30 0.00	14.94 -0.33 0.00	14.92 -0.37 0.00	19.21 -0.56 0.00	25.31 -0.66 0.00	36.71 -0.90 0.00	38.54 -0.95 0.00	43.56 -1.11 0.00	32.16 -0.85 0.00	26.18 -0.73 0.00	17.36 -0.48 0.00	17.00 -0.46 0.00	16.14 -0.39 0.00
GENERAL___MILLS 23808	20.05 -0.61 0.00	20.72 -0.72 0.00	21.64 -0.50 0.00	20.39 -0.59 0.00	21.24 -0.71 0.00	18.99 -0.79 0.00	16.09 -0.65 0.00	16.24 -0.62 0.00	35.89 -1.39 0.00	16.49 -0.68 0.00	14.68 -0.71 0.00	15.43 -0.63 0.00	13.33 -0.55 0.00	14.72 -0.55 0.00	14.64 -0.65 0.00	18.59 -1.18 0.00	24.45 -1.53 0.00	35.36 -2.26 0.00	36.94 -2.56 0.00	41.54 -3.13 0.00	30.49 -2.52 0.00	24.79 -2.12 0.00	16.46 -1.38 0.00	16.27 -1.18 0.00	15.43 -1.10 0.00
GE_PLASTICS___DRP 24183	21.10 0.44 0.00	21.95 0.50 0.00	22.62 0.48 0.00	21.42 0.44 0.00	22.46 0.52 0.00	20.24 0.46 0.00	17.16 0.43 0.00	17.30 0.44 0.00	38.29 1.01 0.00	17.63 0.45 0.00	15.81 0.43 0.00	16.49 0.43 0.00	14.26 0.38 0.00	15.68 0.41 0.00	15.75 0.45 0.00	20.34 0.57 0.00	26.67 0.70 0.00	38.53 0.91 0.00	40.43 0.93 0.00	45.74 1.07 0.00	33.86 0.84 0.00	27.63 0.72 0.00	18.32 0.48 0.00	17.91 0.46 0.00	16.94 0.41 0.00
GILBOA___1 23756	20.92 0.26 0.00	21.75 0.30 0.00	22.42 0.28 0.00	21.22 0.24 0.00	22.28 0.34 0.00	20.01 0.23 0.00	17.03 0.29 0.00	17.12 0.25 0.00	37.91 0.63 0.00	17.49 0.31 0.00	15.78 0.39 0.00	16.48 0.41 0.00	14.25 0.38 0.00	15.67 0.40 0.00	15.72 0.43 0.00	20.27 0.50 0.00	26.42 0.44 0.00	38.07 0.45 0.00	39.86 0.36 0.00	45.17 0.50 0.00	33.47 0.45 0.00	27.33 0.41 0.00	18.12 0.28 0.00	17.72 0.27 0.00	16.77 0.24 0.00
GILBOA___2 23757	20.92 0.26 0.00	21.75 0.30 0.00	22.42 0.28 0.00	21.22 0.24 0.00	22.28 0.34 0.00	20.01 0.23 0.00	17.03 0.29 0.00	17.12 0.25 0.00	37.91 0.63 0.00	17.49 0.31 0.00	15.78 0.39 0.00	16.48 0.41 0.00	14.25 0.38 0.00	15.67 0.40 0.00	15.72 0.43 0.00	20.27 0.50 0.00	26.42 0.44 0.00	38.07 0.45 0.00	39.86 0.36 0.00	45.17 0.50 0.00	33.47 0.45 0.00	27.33 0.41 0.00	18.12 0.28 0.00	17.72 0.27 0.00	16.77 0.24 0.00
GILBOA___3	20.92	21.75	22.42	21.22	22.28	20.01	17.03	17.12	37.91	17.49	15.78	16.48	14.25	15.67	15.72	20.27	26.42	38.07	39.86	45.17	33.47	27.33	18.12	17.72	16.77

23758	0.26 0.00	0.30 0.00	0.28 0.00	0.24 0.00	0.34 0.00	0.23 0.00	0.29 0.00	0.25 0.00	0.63 0.00	0.31 0.00	0.39 0.00	0.41 0.00	0.38 0.00	0.40 0.00	0.43 0.00	0.50 0.00	0.44 0.00	0.45 0.00	0.36 0.00	0.50 0.00	0.45 0.00	0.41 0.00	0.28 0.00	0.27 0.00	0.24 0.00
GILBOA___4 23759	20.92 0.26 0.00	21.75 0.30 0.00	22.42 0.28 0.00	21.22 0.24 0.00	22.28 0.34 0.00	20.01 0.23 0.00	17.03 0.29 0.00	17.12 0.25 0.00	37.91 0.63 0.00	17.49 0.31 0.00	15.78 0.39 0.00	16.48 0.41 0.00	14.25 0.38 0.00	15.67 0.40 0.00	15.72 0.43 0.00	20.27 0.50 0.00	26.42 0.44 0.00	38.07 0.45 0.00	39.86 0.36 0.00	45.17 0.50 0.00	33.47 0.45 0.00	27.33 0.41 0.00	18.12 0.28 0.00	17.72 0.27 0.00	16.77 0.24 0.00
GILBOA___ 23599	20.92 0.26 0.00	21.75 0.30 0.00	22.42 0.28 0.00	21.22 0.24 0.00	22.28 0.34 0.00	20.01 0.23 0.00	17.03 0.29 0.00	17.12 0.25 0.00	37.91 0.63 0.00	17.49 0.31 0.00	15.78 0.39 0.00	16.48 0.42 0.00	14.25 0.37 0.00	15.67 0.40 0.00	15.72 0.43 0.00	20.27 0.50 0.00	26.42 0.44 0.00	38.06 0.45 0.00	39.86 0.37 0.00	45.17 0.49 0.00	33.47 0.45 0.00	27.33 0.41 0.00	18.13 0.28 0.00	17.72 0.27 0.00	16.77 0.24 0.00
GINNA___ 23603	19.24 -1.43 0.00	19.90 -1.54 0.00	20.65 -1.49 0.00	19.54 -1.44 0.00	20.38 -1.56 0.00	18.33 -1.44 0.00	15.55 -1.18 0.00	15.69 -1.17 0.00	34.65 -2.63 0.00	15.93 -1.25 0.00	14.19 -1.20 0.00	14.84 -1.22 0.00	12.82 -1.06 0.00	14.13 -1.14 0.00	14.09 -1.20 0.00	18.06 -1.71 0.00	23.86 -2.11 0.00	34.69 -2.92 0.00	36.40 -3.10 0.00	40.96 -3.71 0.00	30.17 -2.85 0.00	24.56 -2.36 0.00	16.28 -1.56 0.00	15.98 -1.47 0.00	15.16 -1.36 0.00
GLEN PARK___ 23778	21.71 1.05 0.00	22.47 1.03 0.00	23.14 1.00 0.00	21.92 0.94 0.00	22.92 0.98 0.00	20.69 0.92 0.00	17.60 0.86 0.00	17.78 0.92 0.00	39.28 2.00 0.00	17.69 0.51 0.00	15.53 0.14 0.00	16.07 0.01 0.00	13.86 -0.02 0.00	15.28 0.01 0.00	15.23 -0.06 0.00	19.72 -0.05 0.00	26.41 0.44 0.00	39.42 1.80 0.00	42.16 2.67 0.00	47.60 2.93 0.00	35.00 1.99 0.00	28.40 1.48 0.00	18.72 0.88 0.00	18.21 0.75 0.00	17.12 0.59 0.00
GLENDAL_27_KV_LOAD 356172	21.56 0.90 0.00	22.49 1.05 0.00	23.14 1.00 0.00	21.79 0.81 0.00	22.78 0.83 0.00	20.49 0.71 0.00	17.36 0.63 0.00	17.50 0.64 0.00	38.97 1.69 0.00	18.10 0.92 0.00	16.25 0.86 0.00	17.04 0.97 0.00	14.76 0.88 0.00	16.25 0.98 0.00	16.31 1.02 0.00	21.00 1.23 0.00	27.46 1.49 0.00	39.28 1.66 0.00	41.25 1.76 0.00	46.89 2.22 0.00	34.75 1.74 0.00	28.38 1.46 0.00	18.80 0.96 0.00	18.36 0.91 0.00	17.34 0.81 0.00
GLENWOOD_IC_1_G5 23712	21.44 0.78 0.00	22.44 1.00 0.00	23.06 0.92 0.00	21.71 0.73 0.00	22.68 0.74 0.00	20.42 0.65 0.00	17.29 0.55 0.00	17.39 0.53 0.00	38.85 1.57 0.00	18.01 0.83 0.00	16.18 0.79 0.00	16.99 0.93 0.00	14.70 0.82 -0.01	16.19 0.91 -0.01	16.26 0.96 0.00	20.95 1.18 0.00	27.39 1.42 0.00	39.19 1.57 0.00	41.20 1.70 0.00	46.79 2.12 0.00	34.66 1.64 0.00	28.31 1.39 0.00	18.73 0.89 0.00	18.31 0.86 0.00	17.29 0.76 0.00
GLENWOOD_IC_2_G1 23688	21.40 0.74 0.00	22.37 0.92 0.00	22.99 0.85 0.00	21.65 0.67 0.00	22.63 0.68 0.00	20.37 0.60 0.00	17.25 0.52 0.00	17.37 0.50 0.00	38.76 1.48 0.00	17.97 0.79 0.00	16.13 0.74 0.00	16.93 0.87 0.00	14.64 0.77 0.00	16.12 0.85 0.00	16.19 0.90 0.00	20.87 1.09 0.00	27.29 1.31 0.00	39.07 1.46 0.00	41.06 1.57 0.00	46.66 1.98 0.00	34.55 1.53 0.00	28.20 1.29 0.00	18.67 0.83 0.00	18.25 0.80 0.00	17.24 0.71 0.00
GLENWOOD_IC_3_G1 23689	21.40 0.74 0.00	22.37 0.92 0.00	22.99 0.85 0.00	21.65 0.67 0.00	22.63 0.68 0.00	20.37 0.60 0.00	17.25 0.52 0.00	17.37 0.50 0.00	38.76 1.48 0.00	17.97 0.79 0.00	16.13 0.74 0.00	16.93 0.87 0.00	14.64 0.77 0.00	16.12 0.85 0.00	16.19 0.90 0.00	20.87 1.09 0.00	27.29 1.31 0.00	39.07 1.46 0.00	41.06 1.57 0.00	46.66 1.98 0.00	34.55 1.53 0.00	28.20 1.29 0.00	18.67 0.83 0.00	18.25 0.80 0.00	17.24 0.71 0.00
GLENWOOD___4 23550	21.44 0.78 0.00	22.44 1.00 0.00	23.06 0.92 0.00	21.71 0.73 0.00	22.68 0.74 0.00	20.42 0.65 0.00	17.29 0.55 0.00	17.39 0.53 0.00	38.85 1.57 0.00	18.01 0.83 0.00	16.18 0.79 0.00	16.99 0.93 0.00	14.70 0.82 -0.01	16.19 0.91 -0.01	16.26 0.96 0.00	20.95 1.18 0.00	27.39 1.42 0.00	39.19 1.57 0.00	41.20 1.70 0.00	46.79 2.12 0.00	34.66 1.64 0.00	28.31 1.39 0.00	18.73 0.89 0.00	18.31 0.86 0.00	17.29 0.76 0.00
GLENWOOD___5 23614	21.44 0.78 0.00	22.44 1.00 0.00	23.06 0.92 0.00	21.71 0.73 0.00	22.68 0.74 0.00	20.42 0.65 0.00	17.29 0.55 0.00	17.39 0.53 0.00	38.85 1.57 0.00	18.01 0.83 0.00	16.18 0.79 0.00	16.99 0.93 0.00	14.70 0.82 -0.01	16.19 0.91 -0.01	16.26 0.96 0.00	20.95 1.18 0.00	27.39 1.42 0.00	39.19 1.57 0.00	41.20 1.70 0.00	46.79 2.12 0.00	34.66 1.64 0.00	28.31 1.39 0.00	18.73 0.89 0.00	18.31 0.86 0.00	17.29 0.76 0.00
GLOBAL GREEN_PORT_GT1 23814	21.70 1.05 0.00	23.01 1.56 0.00	23.43 1.29 0.00	21.94 0.96 0.00	22.70 0.76 0.00	20.44 0.66 0.00	17.30 0.57 0.00	17.42 0.55 0.00	39.23 1.96 0.00	18.43 1.25 0.00	16.53 1.14 0.00	17.35 1.29 0.00	14.97 1.09 0.00	16.56 1.29 0.00	16.71 1.42 0.00	21.59 1.82 0.00	28.38 2.40 0.00	40.60 2.98 0.00	42.84 3.35 0.00	48.53 3.86 0.00	35.95 2.94 0.00	29.39 2.48 0.00	19.41 1.57 0.00	18.97 1.51 0.00	17.83 1.30 0.00
GLOBE___DSASP 323697	19.41 -1.25 0.00	20.10 -1.35 0.00	21.03 -1.11 0.00	19.83 -1.15 0.00	20.64 -1.31 0.00	18.45 -1.33 0.00	15.63 -1.10 0.00	15.77 -1.09 0.00	34.76 -2.52 0.00	16.05 -1.13 0.00	14.27 -1.12 0.00	14.98 -1.08 0.00	12.95 -0.93 0.00	14.32 -0.95 0.00	14.21 -1.08 0.00	18.01 -1.76 0.00	23.61 -2.36 0.00	34.19 -3.43 0.00	35.51 -3.99 0.00	39.78 -4.89 0.00	29.27 -3.75 0.00	23.86 -3.06 0.00	15.92 -1.92 0.00	15.76 -1.69 0.00	14.98 -1.55 0.00
GOETHSLN___LBMP 323567	21.41 0.75 0.00	22.33 0.89 0.00	22.97 0.83 0.00	21.63 0.65 0.00	22.60 0.66 0.00	20.34 0.57 0.00	17.23 0.50 0.00	17.38 0.51 0.00	38.73 1.45 0.00	17.97 0.80 0.00	16.11 0.73 0.00	16.90 0.84 0.00	14.63 0.75 0.00	16.10 0.83 0.00	16.17 0.88 0.00	20.81 1.03 0.00	27.24 1.26 0.00	39.01 1.39 0.00	40.95 1.45 0.00	46.56 1.89 0.00	34.47 1.46 0.00	28.13 1.21 0.00	18.65 0.80 0.00	18.22 0.77 0.00	17.22 0.69 0.00
GOLAH___69_KV_TB 1_2 80279	20.15 -0.51 0.00	20.85 -0.60 0.00	21.68 -0.46 0.00	20.47 -0.52 0.00	21.35 -0.59 0.00	19.20 -0.57 0.00	16.26 -0.48 0.00	16.45 -0.41 0.00	36.27 -1.01 0.00	16.64 -0.54 0.00	14.77 -0.62 0.00	15.45 -0.61 0.00	13.35 -0.52 0.00	14.73 -0.54 0.00	14.68 -0.61 0.00	18.76 -1.02 0.00	24.74 -1.24 0.00	36.05 -1.56 0.00	37.90 -1.60 0.00	42.62 -2.06 0.00	31.38 -1.63 0.00	25.55 -1.37 0.00	16.95 -0.90 0.00	16.66 -0.79 0.00	15.80 -0.73 0.00
GOODYEAR_LAKE_HYD	21.12	21.88	22.61	21.40	22.39	20.15	17.12	17.25	38.19	17.55	15.76	16.48	14.24	15.66	15.64	20.17	26.49	38.45	40.40	45.75	33.77	27.47	18.14	17.69	16.73

323669		0.46 0.00	0.44 0.00	0.46 0.00	0.42 0.00	0.45 0.00	0.38 0.00	0.38 0.00	0.39 0.00	0.91 0.00	0.37 0.00	0.37 0.00	0.42 0.00	0.36 0.00	0.39 0.00	0.35 0.00	0.39 0.00	0.35 0.00	0.52 0.00	0.83 0.00	0.90 0.00	1.08 0.00	0.75 0.00	0.55 0.00	0.30 0.00	0.24 0.00	0.19 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031		20.53 -0.13 0.00	21.20 -0.25 0.00	21.94 -0.21 0.00	20.74 -0.24 0.00	21.69 -0.25 0.00	19.51 -0.27 0.00	16.56 -0.17 0.00	16.75 -0.11 0.00	37.14 -0.14 0.00	17.01 -0.17 0.00	15.21 -0.18 0.00	15.96 -0.10 0.00	13.78 -0.10 0.00	15.15 -0.12 0.00	15.14 -0.15 0.00	19.46 -0.31 0.00	25.63 -0.34 0.00	37.04 -0.58 0.00	38.82 -0.68 0.00	44.10 -0.57 0.00	32.48 -0.54 0.00	26.40 -0.52 0.00	17.45 -0.39 0.00	17.10 -0.35 0.00	16.17 -0.36 0.00	
GOUDEY____7 23579		20.53 -0.13 0.00	21.20 -0.25 0.00	21.94 -0.21 0.00	20.74 -0.24 0.00	21.69 -0.25 0.00	19.51 -0.27 0.00	16.56 -0.17 0.00	16.75 -0.11 0.00	37.14 -0.14 0.00	17.01 -0.17 0.00	15.21 -0.18 0.00	15.96 -0.10 0.00	13.78 -0.10 0.00	15.15 -0.12 0.00	15.14 -0.15 0.00	19.46 -0.31 0.00	25.63 -0.34 0.00	37.04 -0.58 0.00	38.82 -0.68 0.00	44.10 -0.57 0.00	32.48 -0.54 0.00	26.40 -0.52 0.00	17.45 -0.39 0.00	17.10 -0.35 0.00	16.17 -0.36 0.00	
GOUDEY____8 23580		20.53 -0.13 0.00	21.20 -0.25 0.00	21.94 -0.21 0.00	20.74 -0.24 0.00	21.69 -0.25 0.00	19.51 -0.27 0.00	16.56 -0.17 0.00	16.75 -0.11 0.00	37.14 -0.14 0.00	17.01 -0.17 0.00	15.21 -0.18 0.00	15.96 -0.10 0.00	13.78 -0.10 0.00	15.15 -0.12 0.00	15.14 -0.15 0.00	19.46 -0.31 0.00	25.63 -0.34 0.00	37.04 -0.58 0.00	38.82 -0.68 0.00	44.10 -0.57 0.00	32.48 -0.54 0.00	26.40 -0.52 0.00	17.45 -0.39 0.00	17.10 -0.35 0.00	16.17 -0.36 0.00	
GOWANUS_GT1_1 24077		21.55 0.89 0.00	22.48 1.03 0.00	23.12 0.98 0.00	21.78 0.80 0.00	22.76 0.81 0.00	20.47 0.69 0.00	17.35 0.61 0.00	17.49 0.63 0.00	38.94 1.66 0.00	18.08 0.90 0.00	16.23 0.84 0.00	17.01 0.95 0.00	14.73 0.85 0.00	16.22 0.95 0.00	16.29 0.99 0.00	20.97 1.20 0.00	27.42 1.44 0.00	39.22 1.60 0.00	41.19 1.70 0.00	46.86 2.19 0.00	34.75 1.74 0.00	28.38 1.46 0.00	18.80 0.96 0.00	18.35 0.90 0.00	17.34 0.80 0.00	
GOWANUS_GT1_2 24078		21.55 0.89 0.00	22.48 1.03 0.00	23.12 0.98 0.00	21.78 0.80 0.00	22.76 0.81 0.00	20.47 0.69 0.00	17.35 0.61 0.00	17.49 0.63 0.00	38.94 1.66 0.00	18.08 0.90 0.00	16.23 0.84 0.00	17.01 0.95 0.00	14.73 0.85 0.00	16.22 0.95 0.00	16.29 0.99 0.00	20.97 1.20 0.00	27.42 1.44 0.00	39.22 1.60 0.00	41.19 1.70 0.00	46.86 2.19 0.00	34.75 1.74 0.00	28.38 1.46 0.00	18.80 0.96 0.00	18.35 0.90 0.00	17.34 0.80 0.00	
GOWANUS_GT1_3 24079		21.55 0.89 0.00	22.48 1.03 0.00	23.12 0.98 0.00	21.78 0.80 0.00	22.76 0.81 0.00	20.47 0.69 0.00	17.35 0.61 0.00	17.49 0.63 0.00	38.94 1.66 0.00	18.08 0.90 0.00	16.23 0.84 0.00	17.01 0.95 0.00	14.73 0.85 0.00	16.22 0.95 0.00	16.29 0.99 0.00	20.97 1.20 0.00	27.42 1.44 0.00	39.22 1.60 0.00	41.19 1.70 0.00	46.86 2.19 0.00	34.75 1.74 0.00	28.38 1.46 0.00	18.80 0.96 0.00	18.35 0.90 0.00	17.34 0.80 0.00	
GOWANUS_GT1_4 24080		21.55 0.89 0.00	22.48 1.03 0.00	23.12 0.98 0.00	21.78 0.80 0.00	22.76 0.81 0.00	20.47																				

24117		0.89 0.00	1.03 0.00	0.98 0.00	0.80 0.00	0.81 0.00	0.69 0.00	0.61 0.00	0.63 0.00	1.65 0.00	0.90 0.00	0.84 0.00	0.95 0.00	0.86 0.00	0.95 0.00	0.99 0.00	1.20 0.00	1.44 0.00	1.60 0.00	1.70 0.00	2.18 0.00	1.73 0.00	1.47 0.00	0.95 0.00	0.90 0.00	0.80 0.00
GOWANUS_GT2_5 24118		21.55 0.89 0.00	22.48 1.03 0.00	23.12 0.98 0.00	21.78 0.80 0.00	22.76 0.81 0.00	20.47 0.69 0.00	17.34 0.61 0.00	17.49 0.63 0.00	38.94 1.65 0.00	18.08 0.90 0.00	16.23 0.84 0.00	17.01 0.95 0.00	14.73 0.86 0.00	16.22 0.95 0.00	16.29 0.99 0.00	20.97 1.20 0.00	27.42 1.44 0.00	39.22 1.60 0.00	41.19 1.70 0.00	46.86 2.18 0.00	34.75 1.73 0.00	28.38 1.47 0.00	18.80 0.95 0.00	18.35 0.90 0.00	17.34 0.80 0.00
GOWANUS_GT2_6 24119		21.55 0.89 0.00	22.48 1.03 0.00	23.12 0.98 0.00	21.78 0.80 0.00	22.76 0.81 0.00	20.47 0.69 0.00	17.34 0.61 0.00	17.49 0.63 0.00	38.94 1.65 0.00	18.08 0.90 0.00	16.23 0.84 0.00	17.01 0.95 0.00	14.73 0.86 0.00	16.22 0.95 0.00	16.29 0.99 0.00	20.97 1.20 0.00	27.42 1.44 0.00	39.22 1.60 0.00	41.19 1.70 0.00	46.86 2.18 0.00	34.75 1.73 0.00	28.38 1.47 0.00	18.80 0.95 0.00	18.35 0.90 0.00	17.34 0.80 0.00
GOWANUS_GT2_7 24120		21.55 0.89 0.00	22.48 1.03 0.00	23.12 0.98 0.00	21.78 0.80 0.00	22.76 0.81 0.00	20.47 0.69 0.00	17.34 0.61 0.00	17.49 0.63 0.00	38.94 1.65 0.00	18.08 0.90 0.00	16.23 0.84 0.00	17.01 0.95 0.00	14.73 0.86 0.00	16.22 0.95 0.00	16.29 0.99 0.00	20.97 1.20 0.00	27.42 1.44 0.00	39.22 1.60 0.00	41.19 1.70 0.00	46.86 2.18 0.00	34.75 1.73 0.00	28.38 1.47 0.00	18.80 0.95 0.00	18.35 0.90 0.00	17.34 0.80 0.00
GOWANUS_GT2_8 24121		21.55 0.89 0.00	22.48 1.03 0.00	23.12 0.98 0.00	21.78 0.80 0.00	22.76 0.81 0.00	20.47 0.69 0.00	17.34 0.61 0.00	17.49 0.63 0.00	38.94 1.65 0.00	18.08 0.90 0.00	16.23 0.84 0.00	17.01 0.95 0.00	14.73 0.86 0.00	16.22 0.95 0.00	16.29 0.99 0.00	20.97 1.20 0.00	27.42 1.44 0.00	39.22 1.60 0.00	41.19 1.70 0.00	46.86 2.18 0.00	34.75 1.73 0.00	28.38 1.47 0.00	18.80 0.95 0.00	18.35 0.90 0.00	17.34 0.80 0.00
GOWANUS_GT3_1 24122		21.55 0.89 0.00	22.48 1.03 0.00	23.12 0.98 0.00	21.78 0.80 0.00	22.76 0.81 0.00	20.47 0.69 0.00	17.34 0.61 0.00	17.49 0.63 0.00	38.94 1.65 0.00	18.08 0.90 0.00	16.23 0.84 0.00	17.01 0.95 0.00	14.73 0.86 0.00	16.22 0.95 0.00	16.29 0.99 0.00	20.97 1.20 0.00	27.42 1.44 0.00	39.22 1.60 0.00	41.19 1.70 0.00	46.86 2.18 0.00	34.75 1.73 0.00	28.38 1.47 0.00	18.80 0.95 0.00	18.35 0.90 0.00	17.34 0.80 0.00
GOWANUS_GT3_2 24123		21.55 0.89 0.00	22.48 1.03 0.00	23.12 0.98 0.00	21.78 0.80 0.00	22.76 0.81 0.00	20.47 0.69 0.00	17.34 0.61 0.00	17.49 0.63 0.00	38.94 1.65 0.00	18.08 0.90 0.00	16.23 0.84 0.00	17.01 0.95 0.00	14.73 0.86 0.00	16.22 0.95 0.00	16.29 0.99 0.00	20.97 1.20 0.00	27.42 1.44 0.00	39.22 1.60 0.00	41.19 1.70 0.00	46.86 2.18 0.00	34.75 1.73 0.00	28.38 1.47 0.00	18.80 0.95 0.00	18.35 0.90 0.00	17.34 0.80 0.00
GOWANUS_GT3_3 24124		21.55 0.89 0.00	22.48 1.03 0.00	23.12 0.98 0.00	21.78 0.80 0.00	22.76 0.81 0.00	20.47 0.69 0.00	17.34 0.61 0.00	17.49 0.63 0.00	38.94 1.65 0.00	18.08 0.90 0															

24132	0.89 0.00	1.03 0.00	0.98 0.00	0.80 0.00	0.81 0.00	0.69 0.00	0.61 0.00	0.63 0.00	1.66 0.00	0.90 0.00	0.84 0.00	0.95 0.00	0.85 0.00	0.95 0.00	0.99 0.00	1.20 0.00	1.44 0.00	1.60 0.00	1.70 0.00	2.19 0.00	1.74 0.00	1.46 0.00	0.96 0.00	0.90 0.00	0.80 0.00
GOWANUS_GT4_4 24133	21.55 0.89 0.00	22.48 1.03 0.00	23.12 0.98 0.00	21.78 0.80 0.00	22.76 0.81 0.00	20.47 0.69 0.00	17.35 0.61 0.00	17.49 0.63 0.00	38.94 1.66 0.00	18.08 0.90 0.00	16.23 0.84 0.00	17.01 0.95 0.00	14.73 0.85 0.00	16.22 0.95 0.00	16.29 0.99 0.00	20.97 1.20 0.00	27.42 1.44 0.00	39.22 1.60 0.00	41.19 1.70 0.00	46.86 2.19 0.00	34.75 1.74 0.00	28.38 1.46 0.00	18.80 0.96 0.00	18.35 0.90 0.00	17.34 0.80 0.00
GOWANUS_GT4_5 24134	21.55 0.89 0.00	22.48 1.03 0.00	23.12 0.98 0.00	21.78 0.80 0.00	22.76 0.81 0.00	20.47 0.69 0.00	17.35 0.61 0.00	17.49 0.63 0.00	38.94 1.66 0.00	18.08 0.90 0.00	16.23 0.84 0.00	17.01 0.95 0.00	14.73 0.85 0.00	16.22 0.95 0.00	16.29 0.99 0.00	20.97 1.20 0.00	27.42 1.44 0.00	39.22 1.60 0.00	41.19 1.70 0.00	46.86 2.19 0.00	34.75 1.74 0.00	28.38 1.46 0.00	18.80 0.96 0.00	18.35 0.90 0.00	17.34 0.80 0.00
GOWANUS_GT4_6 24135	21.55 0.89 0.00	22.48 1.03 0.00	23.12 0.98 0.00	21.78 0.80 0.00	22.76 0.81 0.00	20.47 0.69 0.00	17.35 0.61 0.00	17.49 0.63 0.00	38.94 1.66 0.00	18.08 0.90 0.00	16.23 0.84 0.00	17.01 0.95 0.00	14.73 0.85 0.00	16.22 0.95 0.00	16.29 0.99 0.00	20.97 1.20 0.00	27.42 1.44 0.00	39.22 1.60 0.00	41.19 1.70 0.00	46.86 2.19 0.00	34.75 1.74 0.00	28.38 1.46 0.00	18.80 0.96 0.00	18.35 0.90 0.00	17.34 0.80 0.00
GOWANUS_GT4_7 24136	21.55 0.89 0.00	22.48 1.03 0.00	23.12 0.98 0.00	21.78 0.80 0.00	22.76 0.81 0.00	20.47 0.69 0.00	17.35 0.61 0.00	17.49 0.63 0.00	38.94 1.66 0.00	18.08 0.90 0.00	16.23 0.84 0.00	17.01 0.95 0.00	14.73 0.85 0.00	16.22 0.95 0.00	16.29 0.99 0.00	20.97 1.20 0.00	27.42 1.44 0.00	39.22 1.60 0.00	41.19 1.70 0.00	46.86 2.19 0.00	34.75 1.74 0.00	28.38 1.46 0.00	18.80 0.96 0.00	18.35 0.90 0.00	17.34 0.80 0.00
GOWANUS_GT4_8 24137	21.55 0.89 0.00	22.48 1.03 0.00	23.12 0.98 0.00	21.78 0.80 0.00	22.76 0.81 0.00	20.47 0.69 0.00	17.35 0.61 0.00	17.49 0.63 0.00	38.94 1.66 0.00	18.08 0.90 0.00	16.23 0.84 0.00	17.01 0.95 0.00	14.73 0.85 0.00	16.22 0.95 0.00	16.29 0.99 0.00	20.97 1.20 0.00	27.42 1.44 0.00	39.22 1.60 0.00	41.19 1.70 0.00	46.86 2.19 0.00	34.75 1.74 0.00	28.38 1.46 0.00	18.80 0.96 0.00	18.35 0.90 0.00	17.34 0.80 0.00
GREENBSH_115KV_TB3 55895	21.16 0.50 0.00	22.01 0.56 0.00	22.68 0.53 0.00	21.48 0.50 0.00	22.54 0.60 0.00	20.32 0.55 0.00	17.22 0.48 0.00	17.36 0.50 0.00	38.44 1.16 0.00	17.69 0.52 0.00	15.86 0.47 0.00	16.54 0.48 0.00	14.30 0.42 0.00	15.73 0.45 0.00	15.80 0.50 0.00	20.42 0.65 0.00	26.78 0.81 0.00	38.68 1.06 0.00	40.57 1.07 0.00	45.90 1.23 0.00	33.97 0.95 0.00	27.73 0.81 0.00	18.38 0.54 0.00	17.97 0.52 0.00	17.00 0.47 0.00
GREENDGE_115KV_TB5 80291	20.56 -0.10 0.00	21.20 -0.24 0.00	21.99 -0.16 0.00	20.77 -0.21 0.00	21.67 -0.27 0.00	19.49 -0.29 0.00	16.57 -0.17 0.00	16.78 -0.08 0.00	37.14 -0.14 0.00	16.91 -0.27 0.00	14.98 -0.41 0.00	15.68 -0.38 0.00	13.52 -0.36 0.00	14.87 -0.40 0.00	14.84 -0.45 0.00	19.05 -0.72 0.00	25.27 -0.70 0.00	36.69 -0.93 0.00	38.64 -0.85 0.00	43.73 -0.94 0.00	32.07 -0.94 0.00	26.11 -0.81 0.00	17.23 -0.61 0.00	16.88 -0.57 0.00	15.94 -0.60 0.00
GREENIDGE___3 23582	20.56 -0.10 0.00	21.20 -0.24 0.00	21.99 -0.16 0.00	20.77 -0.21 0.00	21.67 -0.27 0.00	19.49 -0.29 0.00	16.57 -0.17 0.00	16.78 -0.08 0.00	37.14 -0.14 0.00	16.91 -0.27 0.00	14.98 -0.41 0.00	15.68 -0.38 0.00	13.52 -0.36 0.00	14.87 -0.40 0.00	14.84 -0.45 0.00	19.05 -0.72 0.00	25.27 -0.70 0.00	36.69 -0.93 0.00	38.64 -0.85 0.00	43.73 -0.94 0.00	32.07 -0.94 0.00	26.11 -0.81 0.00	17.23 -0.61 0.00	16.88 -0.57 0.00	15.94 -0.60 0.00
GREENIDGE___4 23583	20.56 -0.10 0.00	21.20 -0.24 0.00	21.99 -0.16 0.00	20.77 -0.21 0.00	21.67 -0.27 0.00	19.49 -0.29 0.00	16.57 -0.17 0.00	16.78 -0.08 0.00	37.13 -0.15 0.00	16.91 -0.27 0.00	14.98 -0.41 0.00	15.68 -0.38 0.00	13.52 -0.36 0.00	14.87 -0.40 0.00	14.84 -0.45 0.00	19.05 -0.72 0.00	25.26 -0.71 0.00	36.69 -0.93 0.00	38.64 -0.85 0.00	43.72 -0.95 0.00	32.07 -0.94 0.00	26.11 -0.81 0.00	17.23 -0.61 0.00	16.88 -0.57 0.00	15.94 -0.60 0.00
GREENLWN_69_KV_BK 3 55738	21.05 0.39 0.00	22.22 0.77 0.00	22.80 0.66 0.00	21.45 0.46 0.00	22.38 0.44 0.00	20.15 0.38 0.00	16.99 0.25 0.00	17.04 0.18 0.00	38.19 0.91 0.00	17.72 0.54 0.00	15.96 0.57 0.00	16.83 0.77 0.00	14.54 0.66 0.00	16.03 0.76 0.00	16.12 0.83 0.00	20.80 1.03 0.00	27.09 1.12 0.00	38.51 0.90 0.00	40.54 1.04 0.00	46.04 1.37 0.00	34.11 1.09 0.00	27.91 1.00 0.00	18.46 0.62 0.00	18.06 0.61 0.00	17.08 0.55 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	21.55 0.89 0.00	22.48 1.03 0.00	23.12 0.98 0.00	21.78 0.80 0.00	22.76 0.81 0.00	20.47 0.69 0.00	17.35 0.61 0.00	17.49 0.63 0.00	38.94 1.66 0.00	18.08 0.90 0.00	16.23 0.84 0.00	17.01 0.95 0.00	14.73 0.85 0.00	16.22 0.95 0.00	16.29 0.99 0.00	20.97 1.20 0.00	27.42 1.44 0.00	39.22 1.60 0.00	41.19 1.70 0.00	46.86 2.19 0.00	34.75 1.74 0.00	28.38 1.46 0.00	18.80 0.96 0.00	18.35 0.90 0.00	17.34 0.80 0.00
GRISSOM___SOLAR 323813	21.70 1.05 0.00	22.53 1.09 0.00	23.25 1.10 0.00	22.01 1.02 0.00	23.02 1.07 0.00	20.73 0.95 0.00	17.60 0.87 0.00	17.73 0.87 0.00	39.03 1.75 0.00	17.47 0.29 0.00	15.50 0.12 0.00	16.16 0.11 0.00	14.00 0.12 0.00	15.40 0.13 0.00	15.48 0.19 0.00	20.15 0.38 0.00	26.67 0.69 0.00	39.62 2.01 0.00	41.88 2.39 0.00	47.34 2.67 0.00	34.95 1.94 0.00	28.41 1.49 0.00	18.78 0.94 0.00	18.31 0.86 0.00	17.30 0.77 0.00
GROVEVILLE___HYD 323602	21.51 0.85 0.00	22.40 0.96 0.00	23.05 0.90 0.00	21.74 0.76 0.00	22.74 0.80 0.00	20.48 0.71 0.00	17.39 0.65 0.00	17.53 0.67 0.00	39.01 1.74 0.00	18.05 0.87 0.00	16.18 0.80 0.00	16.92 0.86 0.00	14.64 0.76 0.00	16.11 0.84 0.00	16.17 0.88 0.00	20.87 1.09 0.00	27.38 1.41 0.00	39.41 1.79 0.00	41.44 1.95 0.00	47.04 2.37 0.00	34.80 1.79 0.00	28.36 1.44 0.00	18.78 0.94 0.00	18.34 0.89 0.00	17.32 0.79 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	20.41 -0.25 0.00	21.11 -0.33 0.00	21.82 -0.33 0.00	20.66 -0.32 0.00	21.57 -0.37 0.00	19.47 -0.30 0.00	16.52 -0.21 0.00	16.67 -0.19 0.00	36.81 -0.47 0.00	16.93 -0.25 0.00	15.13 -0.26 0.00	15.80 -0.26 0.00	13.65 -0.23 0.00	15.02 -0.26 0.00	15.00 -0.30 0.00	19.31 -0.46 0.00	25.47 -0.50 0.00	36.96 -0.65 0.00	38.80 -0.70 0.00	43.86 -0.81 0.00	32.36 -0.65 0.00	26.34 -0.57 0.00	17.46 -0.38 0.00	17.10 -0.36 0.00	16.23 -0.30 0.00
HAMLTNNY_34_KV_TB	20.41	21.11	21.82	20.66	21.56	19.44	16.51	16.65	36.79	16.93	15.12	15.79	13.62	14.98	14.98	19.27	25.45	36.96	38.76	43.82	32.33	26.31	17.43	17.08	16.21

80303	-0.25 0.00	-0.33 0.00	-0.32 0.00	-0.32 0.00	-0.38 0.00	-0.33 0.00	-0.23 0.00	-0.21 0.00	-0.49 0.00	-0.24 0.00	-0.27 0.00	-0.27 0.00	-0.26 0.00	-0.29 0.00	-0.32 0.00	-0.50 0.00	-0.52 0.00	-0.66 0.00	-0.74 0.00	-0.86 0.00	-0.68 0.00	-0.61 0.00	-0.41 0.00	-0.37 0.00	-0.32 0.00
HAMPSHIRE___PAPER_HYD 323593	22.14 1.48 0.00	22.93 1.49 0.00	23.65 1.50 0.00	22.40 1.42 0.00	23.42 1.48 0.00	21.12 1.34 0.00	17.95 1.22 0.00	18.11 1.24 0.00	40.00 2.72 0.00	17.96 0.79 0.00	15.80 0.41 0.00	16.35 0.29 0.00	14.09 0.21 0.00	15.52 0.25 0.00	15.51 0.21 0.00	20.23 0.46 0.00	27.10 1.13 0.00	40.38 2.76 0.00	43.08 3.59 0.00	48.63 3.96 0.00	35.78 2.77 0.00	28.94 2.03 0.00	19.05 1.21 0.00	18.52 1.07 0.00	17.43 0.90 0.00
HARDSCRABBLE_WT_PWR 323673	20.77 0.11 0.00	21.56 0.12 0.00	22.17 0.03 0.00	21.03 0.05 0.00	22.08 0.13 0.00	19.89 0.11 0.00	16.93 0.19 0.00	17.15 0.29 0.00	37.90 0.62 0.00	17.16 -0.02 0.00	15.31 -0.08 0.00	15.96 -0.10 0.00	13.80 -0.07 0.00	15.15 -0.12 0.00	15.25 -0.04 0.00	19.82 0.05 0.00	26.18 0.21 0.00	38.20 0.58 0.00	40.23 0.73 0.00	45.62 0.95 0.00	33.65 0.64 0.00	27.30 0.39 0.00	18.01 0.16 0.00	17.53 0.08 0.00	16.51 -0.02 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	21.41 0.75 0.00	22.31 0.86 0.00	22.95 0.80 0.00	21.63 0.65 0.00	22.61 0.67 0.00	20.35 0.58 0.00	17.26 0.53 0.00	17.41 0.54 0.00	38.76 1.48 0.00	17.96 0.79 0.00	16.10 0.71 0.00	16.85 0.79 0.00	14.58 0.70 0.00	16.04 0.77 0.00	16.10 0.81 0.00	20.76 0.99 0.00	27.24 1.27 0.00	39.18 1.57 0.00	41.18 1.69 0.00	46.81 2.14 0.00	34.61 1.60 0.00	28.19 1.27 0.00	18.67 0.83 0.00	18.24 0.79 0.00	17.22 0.69 0.00
HARSNRAD_115KV_TB1 81005	19.65 -1.01 0.00	20.33 -1.11 0.00	21.25 -0.89 0.00	20.04 -0.94 0.00	20.85 -1.09 0.00	18.65 -1.13 0.00	15.81 -0.92 0.00	15.95 -0.91 0.00	35.15 -2.13 0.00	16.21 -0.97 0.00	14.38 -1.00 0.00	15.10 -0.96 0.00	13.05 -0.83 0.00	14.42 -0.85 0.00	14.33 -0.97 0.00	18.17 -1.61 0.00	23.86 -2.12 0.00	34.62 -3.00 0.00	36.21 -3.29 0.00	40.60 -4.07 0.00	29.86 -3.15 0.00	24.33 -2.59 0.00	16.21 -1.63 0.00	16.02 -1.43 0.00	15.25 -1.28 0.00
HARZA MOOSE___RIVER 24016	21.47 0.81 0.00	22.22 0.77 0.00	22.92 0.77 0.00	21.70 0.72 0.00	22.71 0.77 0.00	20.50 0.73 0.00	17.42 0.69 0.00	17.58 0.72 0.00	38.85 1.57 0.00	17.65 0.47 0.00	15.64 0.25 0.00	16.24 0.18 0.00	14.02 0.14 0.00	15.44 0.17 0.00	15.46 0.17 0.00	20.03 0.26 0.00	26.57 0.60 0.00	39.13 1.51 0.00	41.44 1.94 0.00	46.85 2.18 0.00	34.51 1.50 0.00	28.04 1.12 0.00	18.51 0.67 0.00	18.04 0.59 0.00	17.01 0.48 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	20.27 -0.39 0.00	20.97 -0.47 0.00	21.67 -0.47 0.00	20.53 -0.45 0.00	21.44 -0.50 0.00	19.36 -0.42 0.00	16.42 -0.31 0.00	16.56 -0.30 0.00	36.55 -0.73 0.00	16.83 -0.35 0.00	15.04 -0.35 0.00	15.71 -0.35 0.00	13.58 -0.30 0.00	14.94 -0.33 0.00	14.92 -0.38 0.00	19.21 -0.57 0.00	25.29 -0.68 0.00	36.67 -0.95 0.00	38.48 -1.01 0.00	43.52 -1.15 0.00	32.11 -0.90 0.00	26.15 -0.76 0.00	17.35 -0.49 0.00	16.99 -0.47 0.00	16.12 -0.41 0.00
HELLGATE_13_KV_LD 55870	21.47 0.81 0.00	22.41 0.97 0.00	23.06 0.92 0.00	21.71 0.73 0.00	22.69 0.75 0.00	20.42 0.64 0.00	17.30 0.57 0.00	17.44 0.58 0.00	38.80 1.52 0.00	18.03 0.85 0.00	16.18 0.80 0.00	16.97 0.91 0.00	14.70 0.82 0.00	16.18 0.91 0.00	16.25 0.96 0.00	20.91 1.14 0.00	27.33 1.36 0.00	39.09 1.47 0.00	41.05 1.55 0.00	46.65 1.98 0.00	34.59 1.57 0.00	28.26 1.35 0.00	18.72 0.87 0.00	18.28 0.83 0.00	17.28 0.74 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_D 345018	21.47 0.81 0.00	22.41 0.97 0.00	23.06 0.92 0.00	21.71 0.73 0.00	22.69 0.75 0.00	20.42 0.64 0.00	17.30 0.57 0.00	17.44 0.58 0.00	38.80 1.52 0.00	18.03 0.85 0.00	16.18 0.80 0.00	16.97 0.91 0.00	14.70 0.82 0.00	16.18 0.91 0.00	16.25 0.96 0.00	20.91 1.14 0.00	27.33 1.36 0.00	39.09 1.47 0.00	41.05 1.55 0.00	46.65 1.98 0.00	34.59 1.57 0.00	28.26 1.35 0.00	18.72 0.87 0.00	18.28 0.83 0.00	17.28 0.74 0.00
HEMPSTEAD___ 23647	21.31 0.65 0.00	22.37 0.92 0.00	22.97 0.82 0.00	21.61 0.63 0.00	22.57 0.63 0.00	20.32 0.55 0.00	17.18 0.45 0.00	17.27 0.41 0.00	38.64 1.36 0.00	17.91 0.73 0.00	16.10 0.71 0.00	16.92 0.86 0.00	14.64 0.75 -0.01	16.12 0.84 -0.01	16.20 0.91 0.00	20.89 1.12 0.00	27.28 1.31 0.00	38.94 1.32 0.00	40.95 1.46 0.00	46.53 1.86 0.00	34.47 1.46 0.00	28.17 1.26 0.00	18.63 0.79 0.00	18.23 0.78 0.00	17.21 0.68 0.00
HEWLETT___69_KV_BK3 55828	21.48 0.82 0.00	22.55 1.11 0.00	23.15 1.01 0.00	21.78 0.80 0.00	22.75 0.80 0.00	20.48 0.71 0.00	17.32 0.58 0.00	17.37 0.51 0.00	38.86 1.58 0.00	18.04 0.86 0.00	16.23 0.84 0.00	17.08 1.02 0.00	14.79 0.88 -0.03	16.30 0.98 -0.05	16.34 1.05 0.00	21.07 1.29 0.00	27.50 1.53 0.00	39.28 1.67 0.00	41.33 1.83 0.00	46.95 2.28 0.00	34.76 1.75 0.00	28.40 1.48 0.00	18.78 0.94 0.00	18.36 0.91 0.00	17.33 0.80 0.00
HICKLING___1 23621	20.45 -0.21 0.00	21.06 -0.39 0.00	21.85 -0.30 0.00	20.61 -0.37 0.00	21.53 -0.42 0.00	19.31 -0.46 0.00	16.42 -0.32 0.00	16.65 -0.22 0.00	37.00 -0.28 0.00	16.82 -0.36 0.00	14.94 -0.45 0.00	15.74 -0.32 0.00	13.59 -0.29 0.00	14.93 -0.34 0.00	14.92 -0.38 0.00	19.10 -0.68 0.00	25.29 -0.69 0.00	36.55 -1.07 0.00	38.25 -1.25 0.00	43.47 -1.20 0.00	31.83 -1.19 0.00	25.82 -1.10 0.00	17.00 -0.84 0.00	16.68 -0.77 0.00	15.72 -0.81 0.00
HICKLING___2 23622	20.45 -0.21 0.00	21.06 -0.39 0.00	21.85 -0.30 0.00	20.61 -0.37 0.00	21.53 -0.42 0.00	19.31 -0.46 0.00	16.42 -0.32 0.00	16.65 -0.22 0.00	37.00 -0.28 0.00	16.82 -0.36 0.00	14.94 -0.45 0.00	15.74 -0.32 0.00	13.59 -0.29 0.00	14.93 -0.34 0.00	14.92 -0.38 0.00	19.10 -0.68 0.00	25.29 -0.69 0.00	36.55 -1.07 0.00	38.25 -1.25 0.00	43.47 -1.20 0.00	31.83 -1.19 0.00	25.82 -1.10 0.00	17.00 -0.84 0.00	16.68 -0.77 0.00	15.72 -0.81 0.00
HIGH FALLS___HY 23754	21.44 0.79 0.00	22.33 0.88 0.00	22.98 0.83 0.00	21.66 0.68 0.00	22.65 0.70 0.00	20.38 0.61 0.00	17.32 0.58 0.00	17.46 0.60 0.00	38.91 1.63 0.00	18.03 0.85 0.00	16.14 0.75 0.00	16.85 0.79 0.00	14.57 0.69 0.00	16.02 0.75 0.00	16.07 0.78 0.00	20.73 0.95 0.00	27.19 1.22 0.00	39.24 1.63 0.00	41.33 1.83 0.00	46.97 2.30 0.00	34.74 1.72 0.00	28.29 1.38 0.00	18.73 0.89 0.00	18.28 0.83 0.00	17.26 0.73 0.00
HIGH_RIVER___SOLAR 323847	21.36 0.70 0.00	22.20 0.75 0.00	22.89 0.75 0.00	21.67 0.69 0.00	22.68 0.75 0.00	20.42 0.65 0.00	17.35 0.62 0.00	17.48 0.61 0.00	38.57 1.29 0.00	17.47 0.29 0.00	15.53 0.14 0.00	16.15 0.09 0.00	13.97 0.09 0.00	15.36 0.09 0.00	15.49 0.20 0.00	20.19 0.42 0.00	26.57 0.60 0.00	38.98 1.37 0.00	41.08 1.58 0.00	46.48 1.81 0.00	34.34 1.33 0.00	27.95 1.03 0.00	18.51 0.66 0.00	18.07 0.62 0.00	17.09 0.57 0.00
HILLBURN___GT	21.34	22.24	22.88	21.55	22.54	20.28	17.19	17.34	38.63	17.92	16.05	16.82	14.56	16.01	16.07	20.70	27.13	38.96	40.95	46.56	34.45	28.05	18.59	18.17	17.15

23639	0.68 0.00	0.80 0.00	0.74 0.00	0.57 0.00	0.59 0.00	0.51 0.00	0.45 0.00	0.47 0.00	1.35 0.00	0.74 0.00	0.66 0.00	0.76 0.00	0.68 0.00	0.74 0.00	0.78 0.00	0.93 0.00	1.16 0.00	1.35 0.00	1.45 0.00	1.90 0.00	1.43 0.00	1.14 0.00	0.75 0.00	0.72 0.00	0.62 0.00
HILLSIDE_115KV_TB1 80332	20.21 -0.45 0.00	20.79 -0.65 0.00	21.56 -0.58 0.00	20.35 -0.63 0.00	21.26 -0.68 0.00	19.08 -0.70 0.00	16.21 -0.52 0.00	16.46 -0.40 0.00	36.65 -0.63 0.00	16.67 -0.51 0.00	14.84 -0.54 0.00	15.66 -0.40 0.00	13.52 -0.36 0.00	14.85 -0.42 0.00	14.83 -0.46 0.00	19.00 -0.77 0.00	25.12 -0.85 0.00	36.19 -2.38 0.00	37.86 -1.64 0.00	43.20 -1.47 0.00	31.67 -2.35 0.00	25.68 -1.24 0.00	16.94 -0.90 0.00	16.64 -0.82 0.00	15.68 -0.85 0.00
HISHELDN_WT_PWR 323625	20.03 -0.63 0.00	20.69 -0.76 0.00	21.58 -0.56 0.00	20.33 -0.65 0.00	21.17 -0.77 0.00	18.95 -0.83 0.00	16.05 -0.68 0.00	16.20 -0.66 0.00	35.82 -1.46 0.00	16.38 -0.80 0.00	14.55 -0.84 0.00	15.31 -0.75 0.00	13.23 -0.65 0.00	14.60 -0.67 0.00	14.54 -0.75 0.00	18.47 -1.30 0.00	24.35 -1.63 0.00	35.24 -2.38 0.00	36.74 -2.75 0.00	41.27 -3.40 0.00	30.23 -2.78 0.00	24.57 -2.35 0.00	16.25 -1.60 0.00	16.02 -1.43 0.00	15.15 -1.38 0.00
HOLTSVILLE_IC_1 23690	21.39 0.73 0.00	22.56 1.12 0.00	23.14 1.00 0.00	21.74 0.75 0.00	22.67 0.73 0.00	20.44 0.67 0.00	17.25 0.52 0.00	17.33 0.47 0.00	38.80 1.52 0.00	18.02 0.84 0.00	16.18 0.79 0.00	17.01 0.94 0.00	14.67 0.79 0.00	16.18 0.92 0.00	16.29 1.00 0.00	21.03 1.26 0.00	27.47 1.49 0.00	39.11 1.50 0.00	41.20 1.71 0.00	46.78 2.10 0.00	34.66 1.64 0.00	28.39 1.48 0.00	18.77 0.93 0.00	18.37 0.92 0.00	17.34 0.81 0.00
HOLTSVILLE_IC_10 23699	21.47 0.81 0.00	22.64 1.20 0.00	23.23 1.08 0.00	21.81 0.83 0.00	22.74 0.80 0.00	20.51 0.74 0.00	17.32 0.58 0.00	17.40 0.54 0.00	38.96 1.68 0.00	18.09 0.91 0.00	16.24 0.85 0.00	17.06 1.00 0.00	14.72 0.84 0.00	16.24 0.97 0.00	16.35 1.06 0.00	21.11 1.34 0.00	27.60 1.63 0.00	39.34 1.73 0.00	41.46 1.97 0.00	47.08 2.40 0.00	34.87 1.85 0.00	28.56 1.64 0.00	18.87 1.02 0.00	18.46 1.01 0.00	17.42 0.89 0.00
HOLTSVILLE_IC_2 23691	21.39 0.73 0.00	22.56 1.12 0.00	23.14 1.00 0.00	21.74 0.75 0.00	22.67 0.73 0.00	20.44 0.67 0.00	17.25 0.52 0.00	17.33 0.47 0.00	38.80 1.52 0.00	18.02 0.84 0.00	16.18 0.79 0.00	17.01 0.94 0.00	14.67 0.79 0.00	16.18 0.92 0.00	16.29 1.00 0.00	21.03 1.26 0.00	27.47 1.49 0.00	39.11 1.50 0.00	41.20 1.71 0.00	46.78 2.10 0.00	34.66 1.64 0.00	28.39 1.48 0.00	18.77 0.93 0.00	18.37 0.92 0.00	17.34 0.81 0.00
HOLTSVILLE_IC_3 23692	21.39 0.73 0.00	22.56 1.12 0.00	23.14 1.00 0.00	21.74 0.75 0.00	22.67 0.73 0.00	20.44 0.67 0.00	17.25 0.52 0.00	17.33 0.47 0.00	38.80 1.52 0.00	18.02 0.84 0.00	16.18 0.79 0.00	17.01 0.94 0.00	14.67 0.79 0.00	16.18 0.92 0.00	16.29 1.00 0.00	21.03 1.26 0.00	27.47 1.49 0.00	39.11 1.50 0.00	41.20 1.71 0.00	46.78 2.10 0.00	34.66 1.64 0.00	28.39 1.48 0.00	18.77 0.93 0.00	18.37 0.92 0.00	17.34 0.81 0.00
HOLTSVILLE_IC_4 23693	21.39 0.73 0.00	22.56 1.12 0.00	23.14 1.00 0.00	21.74 0.75 0.00	22.67 0.73 0.00	20.44 0.67 0.00	17.25 0.52 0.00	17.33 0.47 0.00	38.80 1.52 0.00	18.02 0.84 0.00	16.18 0.79 0.00	17.01 0.94 0.00	14.67 0.79 0.00	16.18 0.92 0.00	16.29 1.00 0.00	21.03 1.26 0.00	27.47 1.49 0.00	39.11 1.50 0.00	41.20 1.71 0.00	46.78 2.10 0.00	34.66 1.64 0.00	28.39 1.48 0.00	18.77 0.93 0.00	18.37 0.92 0.00	17.34 0.81 0.00
HOLTSVILLE_IC_5 23694	21.39 0.73 0.00	22.56 1.12 0.00	23.14 1.00 0.00	21.74 0.75 0.00	22.67 0.73 0.00	20.44 0.67 0.00	17.25 0.52 0.00	17.33 0.47 0.00	38.80 1.52 0.00	18.02 0.84 0.00	16.18 0.79 0.00	17.01 0.94 0.00	14.67 0.79 0.00	16.18 0.92 0.00	16.29 1.00 0.00	21.03 1.26 0.00	27.47 1.49 0.00	39.11 1.50 0.00	41.20 1.71 0.00	46.78 2.10 0.00	34.66 1.64 0.00	28.39 1.48 0.00	18.77 0.93 0.00	18.37 0.92 0.00	17.34 0.81 0.00
HOLTSVILLE_IC_6 23695	21.47 0.81 0.00	22.64 1.20 0.00	23.23 1.08 0.00	21.81 0.83 0.00	22.74 0.80 0.00	20.51 0.74 0.00	17.32 0.58 0.00	17.40 0.54 0.00	38.96 1.68 0.00	18.09 0.91 0.00	16.24 0.85 0.00	17.06 1.00 0.00	14.72 0.84 0.00	16.24 0.97 0.00	16.35 1.06 0.00	21.11 1.34 0.00	27.60 1.63 0.00	39.34 1.73 0.00	41.46 1.97 0.00	47.08 2.40 0.00	34.87 1.85 0.00	28.56 1.64 0.00	18.87 1.02 0.00	18.46 1.01 0.00	17.42 0.89 0.00
HOLTSVILLE_IC_7 23696	21.47 0.81 0.00	22.64 1.20 0.00	23.23 1.08 0.00	21.81 0.83 0.00	22.74 0.80 0.00	20.51 0.74 0.00	17.32 0.58 0.00	17.40 0.54 0.00	38.96 1.68 0.00	18.09 0.91 0.00	16.24 0.85 0.00	17.06 1.00 0.00	14.72 0.84 0.00	16.24 0.97 0.00	16.35 1.06 0.00	21.11 1.34 0.00	27.60 1.63 0.00	39.34 1.73 0.00	41.46 1.97 0.00	47.08 2.40 0.00	34.87 1.85 0.00	28.56 1.64 0.00	18.87 1.02 0.00	18.46 1.01 0.00	17.42 0.89 0.00
HOLTSVILLE_IC_8 23697	21.47 0.81 0.00	22.64 1.20 0.00	23.23 1.08 0.00	21.81 0.83 0.00	22.74 0.80 0.00	20.51 0.74 0.00	17.32 0.58 0.00	17.40 0.54 0.00	38.96 1.68 0.00	18.09 0.91 0.00	16.24 0.85 0.00	17.06 1.00 0.00	14.72 0.84 0.00	16.24 0.97 0.00	16.35 1.06 0.00	21.11 1.34 0.00	27.60 1.63 0.00	39.34 1.73 0.00	41.46 1.97 0.00	47.08 2.40 0.00	34.87 1.85 0.00	28.56 1.64 0.00	18.87 1.02 0.00	18.46 1.01 0.00	17.42 0.89 0.00
HOLTSVILLE_IC_9 23698	21.47 0.81 0.00	22.64 1.20 0.00	23.23 1.08 0.00	21.81 0.83 0.00	22.74 0.80 0.00	20.51 0.74 0.00	17.32 0.58 0.00	17.40 0.54 0.00	38.96 1.68 0.00	18.09 0.91 0.00	16.24 0.85 0.00	17.06 1.00 0.00	14.72 0.84 0.00	16.24 0.97 0.00	16.35 1.06 0.00	21.11 1.34 0.00	27.60 1.63 0.00	39.34 1.73 0.00	41.46 1.97 0.00	47.08 2.40 0.00	34.87 1.85 0.00	28.56 1.64 0.00	18.87 1.02 0.00	18.46 1.01 0.00	17.42 0.89 0.00
HOMER_HL_115KV_TB2 355744	20.50 -0.16 0.00	21.14 -0.30 0.00	22.02 -0.13 0.00	20.68 -0.30 0.00	21.60 -0.34 0.00	19.29 -0.49 0.00	16.32 -0.42 0.00	16.42 -0.44 0.00	36.56 -0.72 0.00	16.75 -0.43 0.00	14.96 -0.42 0.00	15.83 -0.23 0.00	13.66 -0.22 0.00	15.04 -0.24 0.00	14.99 -0.30 0.00	19.12 -0.65 0.00	25.16 -0.81 0.00	36.06 -1.56 0.00	37.64 -1.86 0.00	42.65 -2.03 0.00	31.29 -1.72 0.00	25.40 -1.52 0.00	16.76 -1.08 0.00	16.60 -0.85 0.00	15.69 -0.84 0.00
HOWARD_WT_PWR 323690	20.55 -0.11 0.00	21.19 -0.26 0.00	22.05 -0.10 0.00	20.75 -0.23 0.00	21.58 -0.36 0.00	19.37 -0.41 0.00	16.44 -0.30 0.00	16.63 -0.23 0.00	36.89 -0.39 0.00	16.76 -0.42 0.00	14.82 -0.56 0.00	15.59 -0.47 0.00	13.46 -0.42 0.00	14.81 -0.46 0.00	14.79 -0.50 0.00	18.86 -0.92 0.00	25.00 -0.98 0.00	36.25 -1.36 0.00	37.98 -1.52 0.00	42.63 -2.05 0.00	30.92 -2.10 0.00	25.08 -1.84 0.00	16.35 -1.49 0.00	16.00 -1.46 0.00	14.93 -1.60 0.00
HQ_GEN_CEDARS	22.55	23.39	24.14	22.86	23.91	21.54	18.30	18.43	40.75	18.24	16.02	16.58	14.27	15.71	15.69	20.56	27.60	41.20	44.08	49.72	36.61	29.60	19.47	18.92	17.81

23644	1.89 0.00	1.94 0.00	2.00 0.00	1.88 0.00	1.97 0.00	1.76 0.00	1.56 0.00	1.57 0.00	3.48 0.00	1.06 0.00	0.64 0.00	0.52 0.00	0.39 0.00	0.44 0.00	0.40 0.00	0.80 0.00	1.63 0.00	3.59 0.00	4.58 0.00	5.05 0.00	3.59 0.00	2.69 0.00	1.63 0.00	1.47 0.00	1.28 0.00
HQ_GEN_CEDARS_PROXY 323590	22.55 1.89 0.00	23.38 1.94 0.00	24.14 2.00 0.00	22.86 1.88 0.00	23.91 1.97 0.00	21.54 1.76 0.00	18.30 1.56 0.00	18.43 1.57 0.00	40.77 3.48 -0.01	18.24 1.06 0.00	16.02 0.64 0.00	16.58 0.52 0.00	14.27 0.39 0.00	15.71 0.44 0.00	15.69 0.40 0.00	20.56 0.79 0.00	27.60 1.63 0.00	41.20 3.59 0.00	44.07 4.58 0.00	49.72 5.05 0.00	36.61 3.59 0.00	29.60 2.69 0.00	19.47 1.63 0.00	18.92 1.47 0.00	17.81 1.28 0.00
HQ_GEN_IMPORT 323601	20.79 0.13 0.00	21.60 0.15 0.00	22.33 0.19 0.00	21.18 0.21 0.00	22.14 0.20 0.00	19.95 0.17 0.00	16.81 0.07 0.00	16.92 0.06 0.00	39.23 0.11 -1.84	17.23 0.05 0.00	15.43 0.05 0.00	16.09 0.03 0.00	13.89 0.01 0.00	15.29 0.02 0.00	15.31 0.02 0.00	19.89 0.12 0.00	26.15 0.18 0.00	37.54 0.34 0.41	39.88 0.39 0.00	45.04 0.36 0.00	33.27 0.26 0.00	26.77 0.22 0.37	17.99 0.15 0.00	17.59 0.14 0.00	16.22 0.12 0.43
HQ_GEN_WHEEL 23651	20.79 0.13 0.00	21.60 0.15 0.00	22.33 0.19 0.00	21.18 0.21 0.00	22.14 0.20 0.00	19.95 0.17 0.00	16.81 0.07 0.00	16.92 0.06 0.00	39.23 0.11 -1.84	17.23 0.05 0.00	15.43 0.05 0.00	16.09 0.03 0.00	13.89 0.01 0.00	15.29 0.02 0.00	15.31 0.02 0.00	19.89 0.12 0.00	26.15 0.18 0.00	37.54 0.34 0.41	39.88 0.39 0.00	45.04 0.36 0.00	33.27 0.26 0.00	26.77 0.22 0.37	17.99 0.15 0.00	17.59 0.14 0.00	16.22 0.12 0.43
HUDSON AVE_GT_3 23810	21.51 0.85 0.00	22.44 0.99 0.00	23.07 0.93 0.00	21.73 0.75 0.00	22.71 0.77 0.00	20.44 0.66 0.00	17.32 0.59 0.00	17.46 0.59 0.00	38.89 1.61 0.00	18.05 0.87 0.00	16.20 0.81 0.00	16.98 0.92 0.00	14.71 0.83 0.00	16.20 0.93 0.00	16.26 0.97 0.00	20.94 1.17 0.00	27.39 1.42 0.00	39.23 1.62 0.00	41.18 1.69 0.00	46.82 2.15 0.00	34.66 1.65 0.00	28.29 1.37 0.00	18.74 0.90 0.00	18.31 0.86 0.00	17.30 0.77 0.00
HUDSON AVE_GT_4 23540	21.51 0.85 0.00	22.44 0.99 0.00	23.07 0.93 0.00	21.73 0.75 0.00	22.71 0.77 0.00	20.44 0.66 0.00	17.32 0.59 0.00	17.46 0.59 0.00	38.89 1.61 0.00	18.05 0.87 0.00	16.20 0.81 0.00	16.98 0.92 0.00	14.71 0.83 0.00	16.20 0.93 0.00	16.26 0.97 0.00	20.94 1.17 0.00	27.39 1.42 0.00	39.23 1.62 0.00	41.18 1.69 0.00	46.82 2.15 0.00	34.66 1.65 0.00	28.29 1.37 0.00	18.74 0.90 0.00	18.31 0.86 0.00	17.30 0.77 0.00
HUDSON AVE_GT_5 23657	21.51 0.85 0.00	22.44 0.99 0.00	23.07 0.93 0.00	21.73 0.75 0.00	22.71 0.77 0.00	20.44 0.66 0.00	17.32 0.59 0.00	17.46 0.59 0.00	38.89 1.61 0.00	18.05 0.87 0.00	16.20 0.81 0.00	16.98 0.92 0.00	14.71 0.83 0.00	16.20 0.93 0.00	16.26 0.97 0.00	20.94 1.17 0.00	27.39 1.42 0.00	39.23 1.62 0.00	41.18 1.69 0.00	46.82 2.15 0.00	34.66 1.65 0.00	28.29 1.37 0.00	18.74 0.90 0.00	18.31 0.86 0.00	17.30 0.77 0.00
HUDSON_AVE_10 24168	21.40 0.74 0.00	22.33 0.88 0.00	22.96 0.82 0.00	21.61 0.63 0.00	22.60 0.66 0.00	20.33 0.56 0.00	17.23 0.50 0.00	17.37 0.51 0.00	38.69 1.41 0.00	17.96 0.78 0.00	16.11 0.73 0.00	16.90 0.84 0.00	14.63 0.75 0.00	16.11 0.88 0.00	16.17 0.88 0.00	20.82 1.05 0.00	27.24 1.26 0.00	39.02 1.40 0.00	40.97 1.48 0.00	46.58 1.91 0.00	34.49 1.47 0.00	28.15 1.23 0.00	18.65 0.81 0.00	18.21 0.76 0.00	17.22 0.69 0.00
HUDSON___115KV_TB 4 355613	21.57 0.91 0.00	22.42 0.97 0.00	23.10 0.95 0.00	21.88 0.90 0.00	22.97 1.03 0.00	20.71 0.94 0.00	17.57 0.84 0.00	17.74 0.88 0.00	39.24 1.96 0.00	17.94 0.76 0.00	16.00 0.61 0.00	16.62 0.56 0.00	14.36 0.49 0.00	15.78 0.51 0.00	15.86 0.57 0.00	20.54 0.77 0.00	27.13 1.16 0.00	39.53 1.92 0.00	41.64 2.14 0.00	47.07 2.40 0.00	34.81 1.79 0.00	28.38 1.46 0.00	18.80 0.95 0.00	18.35 0.90 0.00	17.33 0.80 0.00
HUNTER MOUNT___DRP 323613	21.70 1.04 0.00	22.55 1.10 0.00	23.23 1.09 0.00	22.03 1.04 0.00	23.13 1.18 0.00	20.86 1.08 0.00	17.71 0.98 0.00	17.89 1.03 0.00	39.52 2.24 0.00	18.02 0.84 0.00	16.04 0.66 0.00	16.64 0.58 0.00	14.38 0.50 0.00	15.79 0.52 0.00	15.88 0.59 0.00	20.59 0.82 0.00	27.25 1.28 0.00	39.84 2.22 0.00	42.01 2.51 0.00	47.47 2.80 0.00	35.07 2.06 0.00	28.59 1.67 0.00	18.93 1.09 0.00	18.46 1.01 0.00	17.44 0.90 0.00
HUNTINGTON_RES_REC 323705	21.20 0.54 0.00	22.37 0.92 0.00	22.95 0.81 0.00	21.57 0.59 0.00	22.50 0.56 0.00	20.27 0.50 0.00	17.10 0.37 0.00	17.16 0.30 0.00	38.45 1.17 0.00	17.84 0.67 0.00	16.05 0.66 0.00	16.90 0.84 0.00	14.59 0.71 0.00	16.08 0.82 0.00	16.20 0.91 0.00	20.91 1.14 0.00	27.28 1.31 0.00	38.84 1.23 0.00	40.93 1.43 0.00	46.48 1.81 0.00	34.42 1.41 0.00	28.18 1.27 0.00	18.62 0.78 0.00	18.22 0.77 0.00	17.21 0.68 0.00
HUNTLEY___63 23557	19.87 -0.79 0.00	20.55 -0.89 0.00	21.47 -0.67 0.00	20.24 -0.74 0.00	21.07 -0.87 0.00	18.85 -0.93 0.00	15.97 -0.76 0.00	16.13 -0.73 0.00	35.56 -1.72 0.00	16.39 -0.79 0.00	14.57 -0.82 0.00	15.30 -0.77 0.00	13.21 -0.67 0.00	14.61 -0.66 0.00	14.51 -0.78 0.00	18.41 -1.36 0.00	24.16 -1.81 0.00	35.02 -2.60 0.00	36.55 -2.95 0.00	41.00 -3.68 0.00	30.13 -2.88 0.00	24.54 -2.37 0.00	16.34 -1.50 0.00	16.15 -1.30 0.00	15.34 -1.19 0.00
HUNTLEY___64 23558	19.87 -0.79 0.00	20.55 -0.89 0.00	21.47 -0.67 0.00	20.24 -0.74 0.00	21.07 -0.87 0.00	18.85 -0.93 0.00	15.97 -0.76 0.00	16.13 -0.73 0.00	35.56 -1.72 0.00	16.39 -0.79 0.00	14.57 -0.82 0.00	15.30 -0.77 0.00	13.21 -0.67 0.00	14.61 -0.66 0.00	14.51 -0.78 0.00	18.41 -1.36 0.00	24.16 -1.81 0.00	35.02 -2.60 0.00	36.55 -2.95 0.00	41.00 -3.68 0.00	30.13 -2.88 0.00	24.54 -2.37 0.00	16.34 -1.50 0.00	16.15 -1.30 0.00	15.34 -1.19 0.00
HUNTLEY___65 23559	19.87 -0.79 0.00	20.55 -0.89 0.00	21.47 -0.67 0.00	20.24 -0.74 0.00	21.07 -0.87 0.00	18.85 -0.93 0.00	15.97 -0.76 0.00	16.13 -0.73 0.00	35.56 -1.72 0.00	16.39 -0.79 0.00	14.57 -0.82 0.00	15.30 -0.77 0.00	13.21 -0.67 0.00	14.61 -0.66 0.00	14.51 -0.78 0.00	18.41 -1.36 0.00	24.16 -1.81 0.00	35.02 -2.60 0.00	36.55 -2.95 0.00	41.00 -3.68 0.00	30.13 -2.88 0.00	24.54 -2.37 0.00	16.34 -1.50 0.00	16.15 -1.30 0.00	15.34 -1.19 0.00
HUNTLEY___66 23560	19.87 -0.79 0.00	20.55 -0.89 0.00	21.47 -0.67 0.00	20.24 -0.74 0.00	21.07 -0.87 0.00	18.85 -0.93 0.00	15.97 -0.76 0.00	16.13 -0.73 0.00	35.56 -1.72 0.00	16.39 -0.79 0.00	14.57 -0.82 0.00	15.30 -0.77 0.00	13.21 -0.67 0.00	14.61 -0.66 0.00	14.51 -0.78 0.00	18.41 -1.36 0.00	24.16 -1.81 0.00	35.02 -2.60 0.00	36.55 -2.95 0.00	41.00 -3.68 0.00	30.13 -2.88 0.00	24.54 -2.37 0.00	16.34 -1.50 0.00	16.15 -1.30 0.00	15.34 -1.19 0.00
HUNTLEY___67	19.74	20.42	21.34	20.12	20.94	18.72	15.87	16.01	35.34	16.27	14.48	15.21	13.14	14.52	14.44	18.32	24.05	34.81	36.36	40.83	30.00	24.42	16.25	16.07	15.25

23561	-0.92 0.00	-1.03 0.00	-0.81 0.00	-0.86 0.00	-1.00 0.00	-1.05 0.00	-0.87 0.00	-0.85 0.00	-1.94 0.00	-0.90 0.00	-0.91 0.00	-0.85 0.00	-0.73 0.00	-0.75 0.00	-0.86 0.00	-1.45 0.00	-1.92 0.00	-2.80 0.00	-3.13 0.00	-3.84 0.00	-3.02 0.00	-2.49 0.00	-1.59 0.00	-1.38 0.00	-1.28 0.00
HUNTLEY___68 23562	19.74 -0.92 0.00	20.42 -1.03 0.00	21.34 -0.81 0.00	20.12 -0.86 0.00	20.94 -1.00 0.00	18.72 -1.05 0.00	15.87 -0.87 0.00	16.01 -0.85 0.00	35.34 -1.94 0.00	16.27 -0.90 0.00	14.48 -0.91 0.00	15.21 -0.85 0.00	13.14 -0.73 0.00	14.52 -0.75 0.00	14.44 -0.86 0.00	18.32 -1.45 0.00	24.05 -1.92 0.00	34.81 -2.80 0.00	36.36 -3.13 0.00	40.83 -3.84 0.00	30.00 -3.02 0.00	24.42 -2.49 0.00	16.25 -1.59 0.00	16.07 -1.38 0.00	15.25 -1.28 0.00
HYLAND___LFGE 323620	21.04 0.38 0.00	21.72 0.27 0.00	22.57 0.42 0.00	21.29 0.31 0.00	22.19 0.24 0.00	19.91 0.14 0.00	16.93 0.19 0.00	17.14 0.27 0.00	37.95 0.67 0.00	17.04 -0.14 0.00	14.84 -0.54 0.00	15.54 -0.52 0.00	13.44 -0.44 0.00	14.82 -0.46 0.00	14.79 -0.50 0.00	18.87 -0.90 0.00	24.99 -0.98 0.00	37.28 -0.33 0.00	39.51 0.02 0.00	44.52 -0.14 0.00	32.68 -0.34 0.00	26.51 -0.41 0.00	17.43 -0.41 0.00	17.06 -0.39 0.00	16.08 -0.45 0.00
INDECK___CORINTH 23802	21.27 0.61 0.00	22.11 0.67 0.00	22.80 0.65 0.00	21.65 0.67 0.00	22.67 0.73 0.00	20.43 0.66 0.00	17.41 0.68 0.00	17.55 0.68 0.00	38.83 1.55 0.00	17.73 0.55 0.00	15.87 0.48 0.00	16.47 0.40 0.00	14.25 0.38 0.00	15.65 0.38 0.00	15.78 0.48 0.00	20.40 0.63 0.00	26.95 0.98 0.00	39.21 1.60 0.00	41.29 1.79 0.00	46.76 2.09 0.00	34.57 1.55 0.00	28.08 1.16 0.00	18.57 0.73 0.00	18.19 0.74 0.00	17.19 0.66 0.00
INDECK___ILION 23567	20.75 0.08 0.00	21.53 0.09 0.00	22.19 0.05 0.00	21.03 0.05 0.00	22.04 0.10 0.00	19.86 0.09 0.00	16.87 0.14 0.00	17.04 0.18 0.00	37.67 0.39 0.00	17.21 0.03 0.00	15.37 -0.01 0.00	16.04 -0.02 0.00	13.86 -0.01 0.00	15.23 -0.04 0.00	15.30 0.01 0.00	19.83 0.06 0.00	26.12 0.15 0.00	37.97 0.35 0.00	39.92 0.42 0.00	45.22 0.55 0.00	33.42 0.41 0.00	27.21 0.29 0.00	18.00 0.16 0.00	17.57 0.12 0.00	16.61 0.07 0.00
INDECK___OLEAN 23982	20.49 -0.16 0.00	21.14 -0.30 0.00	22.02 -0.13 0.00	20.68 -0.30 0.00	21.60 -0.34 0.00	19.29 -0.49 0.00	16.32 -0.42 0.00	16.42 -0.44 0.00	36.56 -0.72 0.00	16.75 -0.43 0.00	14.96 -0.43 0.00	15.83 -0.23 0.00	13.66 -0.22 0.00	15.04 -0.24 0.00	14.99 -0.30 0.00	19.12 -0.65 0.00	25.16 -0.82 0.00	36.05 -1.56 0.00	37.64 -1.86 0.00	42.65 -2.02 0.00	31.29 -1.73 0.00	25.39 -1.52 0.00	16.76 -1.08 0.00	16.60 -0.85 0.00	15.69 -0.84 0.00
INDECK___OSWEGO 23783	20.10 -0.56 0.00	20.80 -0.65 0.00	21.48 -0.66 0.00	20.36 -0.62 0.00	21.27 -0.68 0.00	19.21 -0.56 0.00	16.29 -0.45 0.00	16.43 -0.43 0.00	36.24 -1.04 0.00	16.68 -0.50 0.00	14.90 -0.49 0.00	15.57 -0.49 0.00	13.45 -0.43 0.00	14.81 -0.46 0.00	14.78 -0.51 0.00	19.03 -0.74 0.00	25.05 -0.92 0.00	36.37 -1.25 0.00	38.23 -1.27 0.00	43.22 -1.45 0.00	31.91 -1.10 0.00	25.99 -0.93 0.00	17.22 -0.62 0.00	16.86 -0.60 0.00	16.01 -0.52 0.00
INDECK___YERKES 23781	19.88 -0.78 0.00	20.57 -0.87 0.00	21.49 -0.65 0.00	20.26 -0.72 0.00	21.09 -0.85 0.00	18.87 -0.91 0.00	15.98 -0.75 0.00	16.14 -0.73 0.00	35.60 -1.69 0.00	16.40 -0.77 0.00	14.58 -0.81 0.00	15.31 -0.75 0.00	13.22 -0.65 0.00	14.62 -0.65 0.00	14.52 -0.77 0.00	18.42 -1.35 0.00	24.18 -1.79 0.00	35.04 -2.58 0.00	36.58 -2.92 0.00	41.02 -3.65 0.00	30.15 -2.87 0.00	24.56 -2.36 0.00	16.35 -1.50 0.00	16.16 -1.29 0.00	15.35 -1.18 0.00
INDIAN POINT_GT_1 24139	21.33 0.67 0.00	22.24 0.79 0.00	22.87 0.73 0.00	21.56 0.58 0.00	22.54 0.60 0.00	20.29 0.51 0.00	17.20 0.47 0.00	17.34 0.48 0.00	38.62 1.34 0.00	17.91 0.73 0.00	16.05 0.66 0.00	16.82 0.76 0.00	14.56 0.68 0.00	16.02 0.75 0.00	16.08 0.78 0.00	20.71 0.94 0.00	27.13 1.16 0.00	38.95 1.33 0.00	40.92 1.43 0.00	46.51 1.83 0.00	34.41 1.40 0.00	28.06 1.14 0.00	18.59 0.75 0.00	18.17 0.71 0.00	17.16 0.63 0.00
INDIAN POINT_GT_2 23659	21.33 0.67 0.00	22.24 0.79 0.00	22.87 0.73 0.00	21.56 0.58 0.00	22.54 0.60 0.00	20.29 0.51 0.00	17.20 0.47 0.00	17.34 0.48 0.00	38.62 1.34 0.00	17.91 0.73 0.00	16.05 0.66 0.00	16.82 0.76 0.00	14.56 0.68 0.00	16.02 0.75 0.00	16.08 0.78 0.00	20.71 0.94 0.00	27.13 1.16 0.00	38.95 1.33 0.00	40.92 1.43 0.00	46.51 1.83 0.00	34.41 1.40 0.00	28.06 1.14 0.00	18.59 0.75 0.00	18.17 0.71 0.00	17.16 0.63 0.00
INDIAN POINT_GT_3 24019	21.33 0.67 0.00	22.24 0.79 0.00	22.87 0.73 0.00	21.56 0.58 0.00	22.54 0.60 0.00	20.29 0.51 0.00	17.20 0.47 0.00	17.34 0.48 0.00	38.62 1.34 0.00	17.91 0.73 0.00	16.05 0.66 0.00	16.82 0.76 0.00	14.56 0.68 0.00	16.02 0.75 0.00	16.08 0.78 0.00	20.71 0.94 0.00	27.13 1.16 0.00	38.95 1.33 0.00	40.92 1.43 0.00	46.51 1.83 0.00	34.41 1.40 0.00	28.06 1.14 0.00	18.59 0.75 0.00	18.17 0.71 0.00	17.16 0.63 0.00
INDIAN POINT___2 23530	21.32 0.66 0.00	22.23 0.78 0.00	22.86 0.72 0.00	21.54 0.56 0.00	22.52 0.57 0.00	20.27 0.49 0.00	17.18 0.45 0.00	17.32 0.46 0.00	38.59 1.31 0.00	17.90 0.72 0.00	16.04 0.65 0.00	16.81 0.75 0.00	14.54 0.67 0.00	16.00 0.73 0.00	16.06 0.77 0.00	20.69 0.92 0.00	27.11 1.13 0.00	38.91 1.30 0.00	40.87 1.38 0.00	46.46 1.79 0.00	34.38 1.37 0.00	28.03 1.11 0.00	18.57 0.73 0.00	18.15 0.70 0.00	17.14 0.62 0.00
INDIAN POINT___3 23531	21.31 0.65 0.00	22.22 0.78 0.00	22.86 0.72 0.00	21.55 0.57 0.00	22.52 0.58 0.00	20.27 0.50 0.00	17.19 0.46 0.00	17.33 0.47 0.00	38.60 1.33 0.00	17.89 0.71 0.00	16.04 0.65 0.00	16.80 0.74 0.00	14.54 0.67 0.00	16.00 0.73 0.00	16.06 0.77 0.00	20.69 0.92 0.00	27.11 1.13 0.00	38.92 1.30 0.00	40.88 1.39 0.00	46.46 1.79 0.00	34.38 1.37 0.00	28.03 1.11 0.00	18.57 0.73 0.00	18.15 0.70 0.00	17.15 0.62 0.00
INGHAM_C_115KV_TB7 356103	20.77 0.11 0.00	21.56 0.11 0.00	22.17 0.02 0.00	21.02 0.04 0.00	22.08 0.14 0.00	19.89 0.12 0.00	16.95 0.22 0.00	17.17 0.31 0.00	37.93 0.65 0.00	17.10 -0.07 0.00	15.23 -0.15 0.00	15.87 -0.19 0.00	13.73 -0.15 0.00	15.05 -0.22 0.00	15.17 -0.12 0.00	19.76 -0.01 0.00	26.14 0.16 0.00	38.20 0.58 0.00	40.26 0.77 0.00	45.69 1.01 0.00	33.73 0.71 0.00	27.42 0.50 0.00	18.09 0.25 0.00	17.63 0.17 0.00	16.62 0.09 0.00
IP CORINTH___1 23988	21.39 0.73 0.00	22.24 0.79 0.00	22.93 0.78 0.00	21.77 0.78 0.00	22.79 0.84 0.00	20.54 0.76 0.00	17.50 0.77 0.00	17.64 0.78 0.00	39.05 1.77 0.00	17.83 0.65 0.00	15.96 0.57 0.00	16.55 0.49 0.00	14.33 0.45 0.00	15.73 0.45 0.00	15.85 0.56 0.00	20.50 0.73 0.00	27.09 1.12 0.00	39.41 1.80 0.00	41.51 2.02 0.00	47.01 2.34 0.00	34.76 1.74 0.00	28.22 1.30 0.00	18.67 0.83 0.00	18.29 0.83 0.00	17.29 0.75 0.00
IP___TICONDEROGA	22.29	23.21	24.00	22.92	23.88	21.58	18.55	18.69	41.25	18.58	16.66	17.10	14.87	16.35	16.60	21.37	28.70	41.78	44.24	50.20	37.10	29.87	19.70	19.36	18.31

23804	1.63 0.00	1.77 0.00	1.86 0.00	1.94 0.00	1.94 0.00	1.81 0.00	1.82 0.00	1.83 0.00	3.97 0.00	1.41 0.00	1.28 0.00	1.04 0.00	0.99 0.00	1.08 0.00	1.31 0.00	1.60 0.00	2.73 0.00	4.16 0.00	4.74 0.00	5.53 0.00	4.08 0.00	2.95 0.00	1.85 0.00	1.91 0.00	1.78 0.00
ISLIP_RES_REC 323679	21.53 0.87 0.00	22.71 1.26 0.00	23.28 1.14 0.00	21.87 0.89 0.00	22.81 0.86 0.00	20.56 0.79 0.00	17.35 0.62 0.00	17.45 0.58 0.00	39.07 1.79 0.00	18.13 0.95 0.00	16.27 0.88 0.00	17.09 1.03 0.00	14.75 0.87 0.00	16.27 1.00 0.00	16.39 1.10 0.00	21.17 1.40 0.00	27.68 1.71 0.00	39.49 1.87 0.00	41.63 2.13 0.00	47.25 2.58 0.00	35.01 1.99 0.00	28.66 1.75 0.00	18.94 1.09 0.00	18.52 1.07 0.00	17.47 0.94 0.00
JAMAICA__27_KV_LOAD 355505	21.45 0.79 0.00	22.38 0.94 0.00	23.02 0.88 0.00	21.66 0.68 0.00	22.65 0.70 0.00	20.36 0.59 0.00	17.26 0.53 0.00	17.41 0.55 0.00	38.79 1.51 0.00	18.01 0.83 0.00	16.16 0.77 0.00	16.92 0.86 0.00	14.64 0.77 0.00	16.13 0.86 0.00	16.19 0.90 0.00	20.84 1.07 0.00	27.26 1.29 0.00	39.10 1.49 0.00	41.09 1.59 0.00	46.75 2.08 0.00	34.61 1.60 0.00	28.26 1.34 0.00	18.70 0.86 0.00	18.26 0.81 0.00	17.28 0.75 0.00
JANIS__SOLAR 323808	21.29 0.63 0.00	21.98 0.54 0.00	22.74 0.60 0.00	21.53 0.55 0.00	22.51 0.56 0.00	20.28 0.50 0.00	17.24 0.51 0.00	17.43 0.57 0.00	38.53 1.25 0.00	17.49 0.31 0.00	15.47 0.09 0.00	16.10 0.04 0.00	13.88 0.01 0.00	15.25 -0.02 0.00	15.24 -0.05 0.00	19.74 -0.04 0.00	26.29 0.32 0.00	38.68 1.06 0.00	40.85 1.36 0.00	46.32 1.65 0.00	34.10 1.09 0.00	27.65 0.73 0.00	18.19 0.35 0.00	17.71 0.26 0.00	16.73 0.20 0.00
JARVIS____ 23743	20.68 0.02 0.00	21.47 0.02 0.00	22.14 0.00 0.00	20.98 0.00 0.00	21.96 0.02 0.00	19.80 0.02 0.00	16.77 0.03 0.00	16.91 0.05 0.00	37.39 0.11 0.00	17.21 0.03 0.00	15.42 0.03 0.00	16.09 0.03 0.00	13.91 0.03 0.00	15.30 0.03 0.00	15.32 0.03 0.00	19.81 0.04 0.00	26.01 0.04 0.00	37.66 0.05 0.00	39.54 0.04 0.00	44.76 0.08 0.00	33.08 0.07 0.00	26.97 0.06 0.00	17.88 0.03 0.00	17.47 0.02 0.00	16.55 0.02 0.00
JENNISON____1 23625	21.18 0.52 0.00	21.88 0.44 0.00	22.67 0.53 0.00	21.47 0.49 0.00	22.47 0.53 0.00	20.26 0.49 0.00	17.20 0.47 0.00	17.32 0.46 0.00	38.37 1.09 0.00	17.65 0.48 0.00	15.83 0.44 0.00	16.53 0.47 0.00	14.27 0.39 0.00	15.67 0.40 0.00	15.66 0.37 0.00	20.24 0.47 0.00	26.78 0.81 0.00	38.99 1.38 0.00	41.02 1.52 0.00	46.55 1.88 0.00	34.31 1.29 0.00	27.81 0.89 0.00	18.20 0.36 0.00	17.59 0.14 0.00	16.61 0.08 0.00
JENNISON____2 23626	21.18 0.52 0.00	21.88 0.44 0.00	22.67 0.53 0.00	21.47 0.49 0.00	22.47 0.53 0.00	20.26 0.49 0.00	17.20 0.47 0.00	17.32 0.46 0.00	38.37 1.09 0.00	17.65 0.48 0.00	15.83 0.44 0.00	16.53 0.47 0.00	14.27 0.39 0.00	15.67 0.40 0.00	15.66 0.37 0.00	20.24 0.47 0.00	26.78 0.81 0.00	38.99 1.38 0.00	41.02 1.52 0.00	46.55 1.88 0.00	34.31 1.29 0.00	27.81 0.89 0.00	18.20 0.36 0.00	17.59 0.14 0.00	16.61 0.08 0.00
JERICOHO_RISE_WT_PWR 323719	21.26 0.60 0.00	22.15 0.70 0.00	22.98 0.84 0.00	21.77 0.79 0.00	22.72 0.78 0.00	20.45 0.67 0.00	17.28 0.54 0.00	17.38 0.52 0.00	38.38 1.10 0.00	17.65 0.47 0.00	15.81 0.42 0.00	16.41 0.35 0.00	14.14 0.26 0.00	15.56 0.29 0.00	15.60 0.31 0.00	20.33 0.56 0.00	26.76 0.78 0.00	39.00 1.38 0.00	41.07 1.57 0.00	46.34 1.67 0.00	34.22 1.21 0.00	27.82 0.91 0.00	18.42 0.58 0.00	18.02 0.57 0.00	16.98 0.45 0.00
KATONAH__115KV_46KV_TB4 355592	21.44 0.78 0.00	22.35 0.90 0.00	22.98 0.84 0.00	21.67 0.69 0.00	22.67 0.72 0.00	20.41 0.64 0.00	17.32 0.58 0.00	17.46 0.60 0.00	38.89 1.61 0.00	18.01 0.83 0.00	16.16 0.77 0.00	16.92 0.86 0.00	14.65 0.77 0.00	16.11 0.84 0.00	16.17 0.88 0.00	20.84 1.07 0.00	27.31 1.34 0.00	39.23 1.61 0.00	41.24 1.75 0.00	46.85 2.18 0.00	34.67 1.66 0.00	28.27 1.36 0.00	18.72 0.88 0.00	18.29 0.84 0.00	17.27 0.74 0.00
KCE_NY_1 323755	21.54 0.88 0.00	22.39 0.95 0.00	23.09 0.94 0.00	21.88 0.90 0.00	22.91 0.96 0.00	20.64 0.87 0.00	17.56 0.83 0.00	17.70 0.84 0.00	39.18 1.90 0.00	17.94 0.76 0.00	16.06 0.67 0.00	16.68 0.62 0.00	14.43 0.55 0.00	15.86 0.59 0.00	15.96 0.67 0.00	20.67 0.90 0.00	27.25 1.28 0.00	39.56 1.94 0.00	41.58 2.08 0.00	47.04 2.37 0.00	34.79 1.77 0.00	28.33 1.41 0.00	18.76 0.92 0.00	18.34 0.89 0.00	17.35 0.82 0.00
KCE_NY_6_ESR 323823	20.06 -0.60 0.00	20.73 -0.71 0.00	21.66 -0.49 0.00	20.39 -0.59 0.00	21.25 -0.69 0.00	19.00 -0.78 0.00	16.09 -0.64 0.00	16.25 -0.61 0.00	35.90 -1.39 0.00	16.50 -0.68 0.00	14.67 -0.71 0.00	15.43 -0.63 0.00	13.33 -0.55 0.00	14.71 -0.55 0.00	14.64 -0.65 0.00	18.60 -1.18 0.00	24.45 -1.53 0.00	35.37 -2.25 0.00	36.95 -2.55 0.00	41.54 -3.13 0.00	30.49 -2.52 0.00	24.79 -2.12 0.00	16.47 -1.38 0.00	16.27 -1.18 0.00	15.43 -1.10 0.00
KEDC_PORT_JEFF_GT2 24210	21.46 0.80 0.00	22.62 1.18 0.00	23.21 1.07 0.00	21.80 0.82 0.00	22.74 0.80 0.00	20.50 0.72 0.00	17.30 0.57 0.00	17.38 0.52 0.00	38.92 1.65 0.00	18.08 0.90 0.00	16.23 0.84 0.00	17.06 1.00 0.00	14.71 0.84 0.00	16.23 0.96 0.00	16.35 1.06 0.00	21.11 1.34 0.00	27.58 1.61 0.00	39.32 1.71 0.00	41.45 1.95 0.00	47.04 2.37 0.00	34.84 1.83 0.00	28.54 1.62 0.00	18.86 1.01 0.00	18.45 1.00 0.00	17.41 0.88 0.00
KEDC_PORT_JEFF_GT3 24211	21.46 0.80 0.00	22.62 1.18 0.00	23.21 1.07 0.00	21.80 0.82 0.00	22.74 0.80 0.00	20.50 0.72 0.00	17.30 0.57 0.00	17.38 0.52 0.00	38.92 1.65 0.00	18.08 0.90 0.00	16.23 0.84 0.00	17.06 1.00 0.00	14.71 0.84 0.00	16.23 0.96 0.00	16.35 1.06 0.00	21.11 1.34 0.00	27.58 1.61 0.00	39.32 1.71 0.00	41.45 1.95 0.00	47.04 2.37 0.00	34.84 1.83 0.00	28.54 1.62 0.00	18.86 1.01 0.00	18.45 1.00 0.00	17.41 0.88 0.00
KEDC_GLWD_GT4 24219	21.44 0.78 0.00	22.45 1.00 0.00	23.06 0.92 0.00	21.71 0.73 0.00	22.68 0.74 0.00	20.42 0.65 0.00	17.28 0.55 0.00	17.39 0.53 0.00	38.85 1.57 0.00	18.01 0.83 0.00	16.18 0.79 0.00	16.99 0.93 0.00	14.70 0.82 -0.01	16.18 0.90 -0.01	16.26 0.96 0.00	20.95 1.18 0.00	27.39 1.42 0.00	39.19 1.57 0.00	41.19 1.70 0.00	46.79 2.12 0.00	34.66 1.64 0.00	28.31 1.39 0.00	18.73 0.89 0.00	18.31 0.86 0.00	17.29 0.76 0.00
KEDC_GLWD_GT5 24220	21.44 0.78 0.00	22.45 1.00 0.00	23.06 0.92 0.00	21.71 0.73 0.00	22.68 0.74 0.00	20.42 0.65 0.00	17.28 0.55 0.00	17.39 0.53 0.00	38.85 1.57 0.00	18.01 0.83 0.00	16.18 0.79 0.00	16.99 0.93 0.00	14.70 0.82 -0.01	16.18 0.90 -0.01	16.26 0.96 0.00	20.95 1.18 0.00	27.39 1.42 0.00	39.19 1.57 0.00	41.19 1.70 0.00	46.79 2.12 0.00	34.66 1.64 0.00	28.31 1.39 0.00	18.73 0.89 0.00	18.31 0.86 0.00	17.29 0.76 0.00
KENSICO____	21.37	22.28	22.92	21.60	22.58	20.33	17.24	17.37	38.69	17.93	16.09	16.86	14.59	16.06	16.12	20.77	27.20	39.02	40.99	46.58	34.48	28.12	18.63	18.20	17.20

23655	0.71 0.00	0.84 0.00	0.78 0.00	0.62 0.00	0.64 0.00	0.55 0.00	0.50 0.00	0.51 0.00	1.41 0.00	0.76 0.00	0.70 0.00	0.80 0.00	0.71 0.00	0.78 0.00	0.83 0.00	1.00 0.00	1.23 0.00	1.41 0.00	1.50 0.00	1.91 0.00	1.46 0.00	1.20 0.00	0.79 0.00	0.75 0.00	0.67 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	21.52 0.86 0.00	22.41 0.97 0.00	23.06 0.92 0.00	21.74 0.76 0.00	22.74 0.80 0.00	20.47 0.70 0.00	17.39 0.65 0.00	17.54 0.68 0.00	39.05 1.77 0.00	18.07 0.89 0.00	16.16 0.77 0.00	16.87 0.81 0.00	14.58 0.71 0.00	16.03 0.76 0.00	16.09 0.80 0.00	20.76 0.99 0.00	27.27 1.30 0.00	39.40 1.78 0.00	41.50 2.00 0.00	47.15 2.48 0.00	34.87 1.86 0.00	28.40 1.49 0.00	18.80 0.96 0.00	18.35 0.90 0.00	17.33 0.79 0.00
KIAC_JFK_GT1 23816	21.33 0.67 0.00	22.27 0.83 0.00	22.90 0.75 0.00	21.55 0.57 0.00	22.53 0.59 0.00	20.23 0.46 0.00	17.10 0.37 0.00	17.24 0.38 0.00	38.40 1.13 0.00	17.84 0.66 0.00	16.06 0.68 0.00	16.83 0.77 0.00	14.57 0.69 0.00	16.04 0.77 0.00	16.11 0.82 0.00	20.74 0.97 0.00	27.07 1.10 0.00	38.73 1.11 0.00	40.69 1.19 0.00	46.30 1.63 0.00	34.27 1.26 0.00	27.98 1.07 0.00	18.53 0.69 0.00	18.09 0.64 0.00	17.17 0.64 0.00
KIAC_JFK_GT2 23817	21.33 0.67 0.00	22.27 0.83 0.00	22.90 0.75 0.00	21.55 0.57 0.00	22.53 0.59 0.00	20.23 0.46 0.00	17.10 0.37 0.00	17.24 0.38 0.00	38.40 1.13 0.00	17.84 0.66 0.00	16.06 0.68 0.00	16.83 0.77 0.00	14.57 0.69 0.00	16.04 0.77 0.00	16.11 0.82 0.00	20.74 0.97 0.00	27.07 1.10 0.00	38.73 1.11 0.00	40.69 1.19 0.00	46.30 1.63 0.00	34.27 1.26 0.00	27.98 1.07 0.00	18.53 0.69 0.00	18.09 0.64 0.00	17.17 0.64 0.00
KIAC_JFK____ 323774	21.33 0.67 0.00	22.27 0.83 0.00	22.90 0.75 0.00	21.55 0.57 0.00	22.53 0.59 0.00	20.23 0.46 0.00	17.10 0.37 0.00	17.24 0.38 0.00	38.40 1.13 0.00	17.84 0.66 0.00	16.06 0.68 0.00	16.83 0.77 0.00	14.57 0.69 0.00	16.04 0.77 0.00	16.11 0.81 0.00	20.74 0.97 0.00	27.07 1.10 0.00	38.73 1.11 0.00	40.69 1.19 0.00	46.30 1.63 0.00	34.27 1.26 0.00	27.98 1.07 0.00	18.53 0.69 0.00	18.09 0.64 0.00	17.17 0.64 0.00
KINTIGH____ 23543	19.64 -1.02 0.00	20.33 -1.12 0.00	21.21 -0.94 0.00	20.00 -0.98 0.00	20.84 -1.10 0.00	18.67 -1.11 0.00	15.82 -0.92 0.00	15.96 -0.91 0.00	35.23 -2.05 0.00	16.23 -0.95 0.00	14.46 -0.93 0.00	15.17 -0.89 0.00	13.10 -0.77 0.00	14.47 -0.80 0.00	14.39 -0.90 0.00	18.32 -1.45 0.00	24.07 -1.90 0.00	34.87 -2.75 0.00	36.45 -3.04 0.00	40.96 -3.71 0.00	30.14 -2.87 0.00	24.56 -2.35 0.00	16.34 -1.50 0.00	16.12 -1.33 0.00	15.31 -1.22 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	21.72 1.07 0.00	22.67 1.23 0.00	23.60 1.46 0.00	22.32 1.34 0.00	23.29 1.35 0.00	20.95 1.17 0.00	17.75 1.02 0.00	17.84 0.98 0.00	39.45 2.17 0.00	18.10 0.92 0.00	16.28 0.89 0.00	16.86 0.79 0.00	14.51 0.63 0.00	15.92 0.65 0.00	16.01 0.72 0.00	20.87 1.10 0.00	27.41 1.44 0.00	39.89 2.28 0.00	41.98 2.48 0.00	47.46 2.79 0.00	35.02 2.00 0.00	28.38 1.47 0.00	18.78 0.94 0.00	18.37 0.92 0.00	17.29 0.75 0.00
LACHUTE____HYDRO 323717	22.29 1.63 0.00	23.21 1.77 0.00	24.00 1.86 0.00	22.92 1.94 0.00	23.88 1.94 0.00	21.58 1.81 0.00	18.55 1.82 0.00	18.70 1.83 0.00	41.25 3.97 0.00	18.59 1.41 0.00	16.66 1.27 0.00	17.10 1.04 0.00	14.87 0.99 0.00	16.36 1.08 0.00	16.60 1.31 0.00	21.37 1.60 0.00	28.70 2.73 0.00	41.78 4.16 0.00	44.24 4.74 0.00	50.20 5.53 0.00	37.09 4.08 0.00	29.87 2.95 0.00	19.70 1.85 0.00	19.36 1.91 0.00	18.31 1.78 0.00
LAWRNCV_115KV_TB1 80681	22.55 1.89 0.00	23.39 1.94 0.00	24.14 2.00 0.00	22.86 1.88 0.00	23.91 1.97 0.00	21.54 1.76 0.00	18.30 1.56 0.00	18.43 1.57 0.00	40.75 3.48 0.00	18.24 1.06 0.00	16.02 0.64 0.00	16.58 0.52 0.00	14.27 0.39 0.00	15.71 0.44 0.00	15.69 0.40 0.00	20.56 0.80 0.00	27.60 1.63 0.00	41.20 3.59 0.00	44.08 4.58 0.00	49.72 5.05 0.00	36.61 3.59 0.00	29.60 2.69 0.00	19.47 1.63 0.00	18.92 1.47 0.00	17.81 1.28 0.00
LEDERLE____ 23769	21.41 0.75 0.00	22.31 0.86 0.00	22.95 0.81 0.00	21.62 0.64 0.00	22.60 0.66 0.00	20.34 0.57 0.00	17.24 0.51 0.00	17.39 0.53 0.00	38.74 1.46 0.00	17.96 0.79 0.00	16.10 0.71 0.00	16.86 0.80 0.00	14.60 0.72 0.00	16.06 0.78 0.00	16.12 0.83 0.00	20.77 0.99 0.00	27.22 1.25 0.00	39.09 1.48 0.00	41.09 1.59 0.00	46.71 2.05 0.00	34.55 1.54 0.00	28.14 1.23 0.00	18.65 0.80 0.00	18.22 0.77 0.00	17.20 0.68 0.00
LIGHTHSE_115KV_TB6 355974	20.62 -0.04 0.00	21.34 -0.11 0.00	22.02 -0.12 0.00	20.87 -0.11 0.00	21.80 -0.14 0.00	19.69 -0.09 0.00	16.69 -0.05 0.00	16.85 -0.02 0.00	37.18 -0.10 0.00	17.00 -0.18 0.00	15.11 -0.28 0.00	15.76 -0.30 0.00	13.61 -0.27 0.00	14.98 -0.29 0.00	14.95 -0.35 0.00	19.27 -0.50 0.00	25.48 -0.49 0.00	37.27 -0.34 0.00	39.40 -0.10 0.00	44.51 -0.16 0.00	32.82 -0.20 0.00	26.70 -0.22 0.00	17.67 -0.17 0.00	17.30 -0.15 0.00	16.36 -0.17 0.00
LINDEN COGEN____ 23786	21.41 0.75 0.00	22.33 0.88 0.00	22.96 0.82 0.00	21.62 0.64 0.00	22.60 0.66 0.00	20.33 0.56 0.00	17.23 0.49 0.00	17.37 0.51 0.00	38.72 1.44 0.00	17.97 0.79 0.00	16.11 0.72 0.00	16.89 0.83 0.00	14.62 0.75 0.00	16.10 0.83 0.00	16.16 0.86 0.00	20.80 1.03 0.00	27.23 1.25 0.00	39.00 1.38 0.00	40.93 1.43 0.00	46.54 1.87 0.00	34.47 1.45 0.00	28.12 1.20 0.00	18.64 0.80 0.00	18.22 0.77 0.00	17.21 0.68 0.00
LINDHRST_69_KV_BK1 356055	21.52 0.86 0.00	22.67 1.22 0.00	23.25 1.11 0.00	21.84 0.86 0.00	22.80 0.86 0.00	20.54 0.77 0.00	17.35 0.61 0.00	17.43 0.56 0.00	39.02 1.74 0.00	18.09 0.91 0.00	16.26 0.88 0.00	17.11 1.05 0.00	14.78 0.90 0.00	16.29 1.02 0.00	16.39 1.10 0.00	21.14 1.37 0.00	27.60 1.63 0.00	39.36 1.75 0.00	41.40 1.90 0.00	47.03 2.36 0.00	34.85 1.84 0.00	28.54 1.62 0.00	18.87 1.03 0.00	18.47 1.02 0.00	17.43 0.90 0.00
LIPA_MISC_IPP 23656	21.45 0.79 0.00	22.62 1.18 0.00	23.20 1.05 0.00	21.77 0.79 0.00	22.69 0.75 0.00	20.46 0.69 0.00	17.29 0.56 0.00	17.37 0.51 0.00	38.89 1.61 0.00	18.07 0.90 0.00	16.22 0.83 0.00	17.03 0.97 0.00	14.70 0.82 0.00	16.22 0.95 0.00	16.33 1.05 0.00	21.09 1.32 0.00	27.59 1.62 0.00	39.36 1.74 0.00	41.49 2.00 0.00	47.09 2.42 0.00	34.88 1.87 0.00	28.56 1.64 0.00	18.88 1.04 0.00	18.48 1.03 0.00	17.43 0.90 0.00
LISF__SOLAR 323691	21.48 0.82 0.00	22.66 1.22 0.00	23.23 1.08 0.00	21.80 0.82 0.00	22.72 0.78 0.00	20.50 0.73 0.00	17.32 0.58 0.00	17.40 0.54 0.00	38.96 1.68 0.00	18.10 0.92 0.00	16.23 0.84 0.00	17.04 0.98 0.00	14.70 0.82 0.00	16.21 0.95 0.00	16.34 1.05 0.00	21.10 1.33 0.00	27.63 1.66 0.00	39.43 1.81 0.00	41.58 2.09 0.00	47.19 2.52 0.00	34.96 1.94 0.00	28.62 1.70 0.00	18.91 1.07 0.00	18.52 1.07 0.00	17.46 0.93 0.00
LITTLE FALLS__HYD	20.77	21.56	22.17	21.02	22.08	19.89	16.95	17.17	37.93	17.10	15.23	15.87	13.73	15.05	15.17	19.76	26.14	38.20	40.26	45.69	33.73	27.42	18.09	17.63	16.62

24013	0.11 0.00	0.11 0.00	0.02 0.00	0.04 0.00	0.14 0.00	0.12 0.00	0.22 0.00	0.31 0.00	0.65 0.00	-0.07 0.00	-0.15 0.00	-0.19 0.00	-0.15 0.00	-0.22 0.00	-0.12 0.00	-0.01 0.00	0.16 0.00	0.58 0.00	0.77 0.00	1.01 0.00	0.71 0.00	0.50 0.00	0.25 0.00	0.17 0.00	0.09 0.00
LITTLRIV_115KV_TB1 356100	22.98 2.32 0.00	23.81 2.36 0.00	24.57 2.42 0.00	23.27 2.28 0.00	24.34 2.39 0.00	21.92 2.14 0.00	18.64 1.91 0.00	18.79 1.93 0.00	41.53 4.26 0.00	18.43 1.25 0.00	16.13 0.74 0.00	16.67 0.61 0.00	14.35 0.47 0.00	15.81 0.54 0.00	15.78 0.49 0.00	20.75 0.98 0.00	27.98 2.01 0.00	42.02 4.40 0.00	45.11 5.62 0.00	50.89 6.22 0.00	37.47 4.45 0.00	30.26 3.34 0.00	19.87 2.03 0.00	19.29 1.84 0.00	18.15 1.62 0.00
LI_NEWBRDGE___DRP 323616	21.22 0.56 0.00	22.30 0.85 0.00	22.89 0.75 0.00	21.53 0.55 0.00	22.48 0.54 0.00	20.25 0.47 0.00	17.11 0.38 0.00	17.19 0.32 0.00	38.52 1.24 0.00	17.86 0.68 0.00	16.05 0.66 0.00	16.88 0.82 0.00	14.58 0.71 0.01	16.06 0.80 0.01	16.15 0.85 0.00	20.82 1.05 0.00	27.17 1.19 0.00	38.77 1.16 0.00	40.78 1.29 0.00	46.34 1.67 0.00	34.32 1.31 0.00	28.06 1.14 0.00	18.57 0.72 0.00	18.16 0.71 0.00	17.15 0.62 0.00
LOCKPORT_115KV_TB60_63_64 80432	19.65 -1.01 0.00	20.33 -1.11 0.00	21.25 -0.89 0.00	20.04 -0.94 0.00	20.85 -1.09 0.00	18.65 -1.13 0.00	15.82 -0.92 0.00	15.95 -0.91 0.00	35.16 -2.12 0.00	16.22 -0.96 0.00	14.38 -1.00 0.00	15.10 -0.96 0.00	13.04 -0.83 0.00	14.42 -0.85 0.00	14.32 -0.97 0.00	18.16 -1.61 0.00	23.85 -2.12 0.00	34.63 -2.99 0.00	36.23 -3.27 0.00	40.63 -4.04 0.00	29.88 -3.13 0.00	24.34 -2.57 0.00	16.22 -1.62 0.00	16.04 -1.41 0.00	15.26 -1.27 0.00
LOCKPORT___CC1 323769	19.65 -1.01 0.00	20.33 -1.11 0.00	21.25 -0.89 0.00	20.04 -0.94 0.00	20.85 -1.09 0.00	18.65 -1.13 0.00	15.81 -0.92 0.00	15.95 -0.91 0.00	35.15 -2.13 0.00	16.21 -0.97 0.00	14.38 -1.01 0.00	15.10 -0.96 0.00	13.05 -0.83 0.00	14.42 -0.84 0.00	14.33 -0.97 0.00	18.17 -1.61 0.00	23.85 -2.12 0.00	34.62 -3.00 0.00	36.20 -3.29 0.00	40.60 -4.07 0.00	29.86 -3.16 0.00	24.33 -2.59 0.00	16.21 -1.64 0.00	16.02 -1.43 0.00	15.25 -1.28 0.00
LOCKPORT___CC2 323770	19.65 -1.01 0.00	20.33 -1.11 0.00	21.25 -0.89 0.00	20.04 -0.94 0.00	20.85 -1.09 0.00	18.65 -1.13 0.00	15.81 -0.92 0.00	15.95 -0.91 0.00	35.15 -2.13 0.00	16.21 -0.97 0.00	14.38 -1.01 0.00	15.10 -0.96 0.00	13.05 -0.83 0.00	14.42 -0.84 0.00	14.33 -0.97 0.00	18.17 -1.61 0.00	23.85 -2.12 0.00	34.62 -3.00 0.00	36.20 -3.29 0.00	40.60 -4.07 0.00	29.86 -3.16 0.00	24.33 -2.59 0.00	16.21 -1.64 0.00	16.02 -1.43 0.00	15.25 -1.28 0.00
LOCKPORT___CC3 323771	19.65 -1.01 0.00	20.33 -1.11 0.00	21.25 -0.89 0.00	20.04 -0.94 0.00	20.85 -1.09 0.00	18.65 -1.13 0.00	15.81 -0.92 0.00	15.95 -0.91 0.00	35.15 -2.13 0.00	16.21 -0.97 0.00	14.38 -1.01 0.00	15.10 -0.96 0.00	13.05 -0.83 0.00	14.42 -0.84 0.00	14.33 -0.97 0.00	18.17 -1.61 0.00	23.85 -2.12 0.00	34.62 -3.00 0.00	36.20 -3.29 0.00	40.60 -4.07 0.00	29.86 -3.16 0.00	24.33 -2.59 0.00	16.21 -1.64 0.00	16.02 -1.43 0.00	15.25 -1.28 0.00
LONG_LAKE_PHOENIX 24014	20.15 -0.51 0.00	20.85 -0.59 0.00	21.54 -0.60 0.00	20.42 -0.57 0.00	21.32 -0.62 0.00	19.27 -0.51 0.00	16.34 -0.40 0.00	16.47 -0.39 0.00	36.34 -0.94 0.00	16.73 -0.45 0.00	14.94 -0.45 0.00	15.62 -0.44 0.00	13.50 -0.38 0.00	14.86 -0.41 0.00	14.83 -0.46 0.00	19.09 -0.68 0.00	25.14 -0.84 0.00	36.49 -1.13 0.00	38.34 -1.16 0.00	43.34 -1.33 0.00	32.01 -1.01 0.00	26.06 -0.85 0.00	17.27 -0.57 0.00	16.90 -0.55 0.00	16.05 -0.48 0.00
LOVETT___3 23632	21.30 0.64 0.00	22.20 0.76 0.00	22.84 0.70 0.00	21.52 0.54 0.00	22.50 0.55 0.00	20.25 0.47 0.00	17.17 0.44 0.00	17.31 0.45 0.00	38.55 1.28 0.00	17.88 0.70 0.00	16.02 0.64 0.00	16.79 0.73 0.00	14.53 0.65 0.00	15.98 0.71 0.00	16.05 0.76 0.00	20.67 0.90 0.00	27.07 1.10 0.00	38.87 1.25 0.00	40.83 1.33 0.00	46.42 1.75 0.00	34.35 1.33 0.00	27.99 1.08 0.00	18.55 0.71 0.00	18.13 0.68 0.00	17.13 0.60 0.00
LOVETT___4 23642	21.30 0.64 0.00	22.20 0.76 0.00	22.84 0.70 0.00	21.52 0.54 0.00	22.50 0.55 0.00	20.25 0.47 0.00	17.17 0.44 0.00	17.31 0.45 0.00	38.55 1.28 0.00	17.88 0.70 0.00	16.02 0.64 0.00	16.79 0.73 0.00	14.53 0.65 0.00	15.98 0.71 0.00	16.05 0.76 0.00	20.67 0.90 0.00	27.07 1.10 0.00	38.87 1.25 0.00	40.83 1.33 0.00	46.42 1.75 0.00	34.35 1.33 0.00	27.99 1.08 0.00	18.55 0.71 0.00	18.13 0.68 0.00	17.13 0.60 0.00
LOVETT___5 23593	21.30 0.64 0.00	22.20 0.76 0.00	22.84 0.70 0.00	21.52 0.54 0.00	22.50 0.55 0.00	20.25 0.47 0.00	17.17 0.44 0.00	17.31 0.45 0.00	38.55 1.28 0.00	17.88 0.70 0.00	16.02 0.64 0.00	16.79 0.73 0.00	14.53 0.65 0.00	15.98 0.71 0.00	16.05 0.76 0.00	20.67 0.90 0.00	27.07 1.10 0.00	38.87 1.25 0.00	40.83 1.33 0.00	46.42 1.75 0.00	34.35 1.33 0.00	27.99 1.08 0.00	18.55 0.71 0.00	18.13 0.68 0.00	17.13 0.60 0.00
LOWER RAQUET___HYD 24057	22.55 1.89 0.00	23.38 1.94 0.00	24.14 2.00 0.00	22.86 1.88 0.00	23.91 1.97 0.00	21.54 1.76 0.00	18.30 1.56 0.00	18.43 1.57 0.00	40.75 3.48 0.00	18.24 1.06 0.00	16.02 0.64 0.00	16.58 0.52 0.00	14.27 0.39 0.00	15.71 0.44 0.00	15.69 0.40 0.00	20.56 0.79 0.00	27.60 1.63 0.00	41.20 3.59 0.00	44.07 4.58 0.00	49.72 5.05 0.00	36.61 3.59 0.00	29.60 2.69 0.00	19.47 1.63 0.00	18.92 1.47 0.00	17.81 1.28 0.00
LOWER___HUDSON 24059	21.34 0.69 0.00	22.21 0.77 0.00	22.89 0.74 0.00	21.69 0.71 0.00	22.71 0.76 0.00	20.47 0.70 0.00	17.40 0.67 0.00	17.54 0.68 0.00	38.83 1.56 0.00	17.85 0.67 0.00	16.00 0.61 0.00	16.62 0.57 0.00	14.38 0.50 0.00	15.81 0.54 0.00	15.90 0.61 0.00	20.58 0.81 0.00	27.05 1.08 0.00	39.10 1.48 0.00	41.01 1.52 0.00	46.41 1.74 0.00	34.34 1.32 0.00	28.02 1.10 0.00	18.59 0.74 0.00	18.17 0.72 0.00	17.19 0.66 0.00
LOWVILLE_115KV_TB2 356335	21.70 1.05 0.00	22.46 1.02 0.00	23.15 1.01 0.00	21.92 0.94 0.00	22.94 0.99 0.00	20.72 0.94 0.00	17.61 0.88 0.00	17.78 0.91 0.00	39.27 1.99 0.00	17.74 0.56 0.00	15.65 0.26 0.00	16.22 0.16 0.00	13.99 0.11 0.00	15.42 0.15 0.00	15.42 0.13 0.00	20.01 0.23 0.00	26.66 0.69 0.00	39.54 1.92 0.00	42.04 2.54 0.00	47.49 2.82 0.00	34.95 1.94 0.00	28.36 1.45 0.00	18.70 0.86 0.00	18.20 0.74 0.00	17.13 0.60 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	21.53 0.87 0.00	22.38 0.94 0.00	23.07 0.93 0.00	21.87 0.89 0.00	22.90 0.96 0.00	20.63 0.86 0.00	17.56 0.82 0.00	17.69 0.83 0.00	39.17 1.89 0.00	17.93 0.75 0.00	16.05 0.66 0.00	16.67 0.61 0.00	14.42 0.54 0.00	15.85 0.58 0.00	15.95 0.66 0.00	20.66 0.88 0.00	27.24 1.26 0.00	39.53 1.91 0.00	41.55 2.05 0.00	47.01 2.34 0.00	34.76 1.75 0.00	28.30 1.38 0.00	18.75 0.91 0.00	18.33 0.88 0.00	17.34 0.81 0.00
LUTHERNY_35_KV_BK2	21.54	22.39	23.09	21.88	22.91	20.65	17.56	17.70	39.18	17.94	16.06	16.68	14.43	15.86	15.96	20.67	27.25	39.56	41.57	47.04	34.79	28.33	18.76	18.34	17.35

355980	0.88 0.00	0.95 0.00	0.94 0.00	0.90 0.00	0.96 0.00	0.87 0.00	0.83 0.00	0.84 0.00	1.90 0.00	0.76 0.00	0.67 0.00	0.63 0.00	0.55 0.00	0.59 0.00	0.67 0.00	0.90 0.00	1.28 0.00	1.95 0.00	2.08 0.00	2.37 0.00	1.78 0.00	1.41 0.00	0.92 0.00	0.89 0.00	0.82 0.00
LWR___OSWEGATCHIE_HYD 23850	22.14 1.48 0.00	22.93 1.49 0.00	23.65 1.50 0.00	22.40 1.42 0.00	23.42 1.48 0.00	21.12 1.34 0.00	17.95 1.22 0.00	18.11 1.24 0.00	40.00 2.72 0.00	17.96 0.79 0.00	15.80 0.41 0.00	16.35 0.29 0.00	14.09 0.21 0.00	15.52 0.25 0.00	15.51 0.21 0.00	20.24 0.46 0.00	27.10 1.13 0.00	40.38 2.76 0.00	43.08 3.59 0.00	48.63 3.96 0.00	35.78 2.77 0.00	28.95 2.03 0.00	19.05 1.21 0.00	18.52 1.07 0.00	17.43 0.90 0.00
LYONS_FALL_HYD 23570	21.47 0.81 0.00	22.22 0.77 0.00	22.91 0.77 0.00	21.70 0.72 0.00	22.71 0.77 0.00	20.50 0.73 0.00	17.42 0.69 0.00	17.58 0.72 0.00	38.85 1.57 0.00	17.65 0.47 0.00	15.64 0.25 0.00	16.24 0.18 0.00	14.02 0.14 0.00	15.44 0.17 0.00	15.46 0.17 0.00	20.03 0.26 0.00	26.57 0.60 0.00	39.12 1.51 0.00	41.44 1.94 0.00	46.84 2.18 0.00	34.51 1.50 0.00	28.04 1.12 0.00	18.51 0.67 0.00	18.04 0.59 0.00	17.01 0.48 0.00
MADISON___COUNTY_LFGE 323628	21.11 0.45 0.00	21.83 0.39 0.00	22.54 0.40 0.00	21.35 0.37 0.00	22.36 0.41 0.00	20.21 0.44 0.00	17.17 0.43 0.00	17.32 0.46 0.00	38.28 1.01 0.00	17.48 0.30 0.00	15.55 0.17 0.00	16.20 0.14 0.00	13.98 0.10 0.00	15.40 0.13 0.00	15.42 0.13 0.00	19.91 0.14 0.00	26.29 0.31 0.00	38.42 0.81 0.00	40.53 1.03 0.00	45.86 1.19 0.00	33.82 0.81 0.00	27.51 0.59 0.00	18.20 0.35 0.00	17.77 0.32 0.00	16.81 0.28 0.00
MALONE___115KV_TB1 356076	21.78 1.12 0.00	22.65 1.21 0.00	23.47 1.32 0.00	22.23 1.25 0.00	23.23 1.29 0.00	20.91 1.13 0.00	17.69 0.96 0.00	17.83 0.96 0.00	39.40 2.12 0.00	17.99 0.81 0.00	16.03 0.64 0.00	16.62 0.56 0.00	14.31 0.43 0.00	15.74 0.47 0.00	15.76 0.47 0.00	20.56 0.79 0.00	27.22 1.25 0.00	39.98 2.36 0.00	42.32 2.83 0.00	47.73 3.06 0.00	35.23 2.22 0.00	28.61 1.69 0.00	18.90 1.05 0.00	18.44 0.99 0.00	17.36 0.83 0.00
MAPLEWOD_115KV_TB3 80458	21.33 0.67 0.00	22.19 0.75 0.00	22.85 0.71 0.00	21.65 0.67 0.00	22.69 0.74 0.00	20.46 0.68 0.00	17.36 0.62 0.00	17.51 0.64 0.00	38.75 1.47 0.00	17.82 0.65 0.00	15.97 0.59 0.00	16.63 0.57 0.00	14.38 0.50 0.00	15.82 0.54 0.00	15.89 0.60 0.00	20.57 0.80 0.00	27.00 1.03 0.00	39.03 1.42 0.00	40.95 1.45 0.00	46.32 1.65 0.00	34.28 1.27 0.00	27.97 1.06 0.00	18.54 0.70 0.00	18.12 0.67 0.00	17.14 0.61 0.00
MAPLE_RIDGE_WT_1 323574	20.73 0.07 0.00	21.53 0.09 0.00	22.25 0.10 0.00	21.08 0.10 0.00	22.05 0.11 0.00	19.86 0.08 0.00	16.77 0.04 0.00	16.90 0.04 0.00	37.33 0.05 0.00	17.21 0.03 0.00	15.41 0.02 0.00	16.07 0.01 0.00	13.87 -0.01 0.00	15.27 0.00 0.00	15.29 0.00 0.00	19.82 0.05 0.00	26.06 0.08 0.00	37.83 0.21 0.00	39.74 0.24 0.00	44.87 0.19 0.00	33.14 0.13 0.00	27.05 0.13 0.00	17.92 0.08 0.00	17.50 0.05 0.00	16.48 -0.05 0.00
MAPLE_RIDGE_WT_2 323611	20.73 0.07 0.00	21.53 0.09 0.00	22.25 0.10 0.00	21.08 0.10 0.00	22.05 0.11 0.00	19.86 0.08 0.00	16.77 0.04 0.00	16.90 0.04 0.00	37.33 0.05 0.00	17.21 0.03 0.00	15.41 0.02 0.00	16.07 0.01 0.00	13.87 -0.01 0.00	15.27 0.00 0.00	15.29 0.00 0.00	19.82 0.05 0.00	26.06 0.08 0.00	37.83 0.21 0.00	39.74 0.24 0.00	44.87 0.19 0.00	33.14 0.13 0.00	27.05 0.13 0.00	17.92 0.08 0.00	17.50 0.05 0.00	16.48 -0.05 0.00
MARBLE_RIVER_WT_PWR 323696	21.62 0.96 0.00	22.59 1.15 0.00	23.55 1.41 0.00	22.25 1.27 0.00	23.20 1.25 0.00	20.85 1.08 0.00	17.71 0.97 0.00	17.80 0.94 0.00	39.34 2.06 0.00	18.07 0.89 0.00	16.29 0.91 0.00	16.85 0.78 0.00	14.51 0.63 0.00	15.92 0.65 0.00	16.02 0.73 0.00	20.90 1.12 0.00	27.38 1.41 0.00	39.79 2.17 0.00	41.83 2.33 0.00	47.29 2.62 0.00	34.90 1.89 0.00	28.24 1.33 0.00	18.68 0.84 0.00	18.30 0.85 0.00	17.22 0.68 0.00
MARSHVLE_115KV_TB1 80742	21.76 1.10 0.00	22.57 1.12 0.00	23.32 1.17 0.00	22.07 1.08 0.00	23.05 1.11 0.00	20.76 0.98 0.00	17.60 0.87 0.00	17.72 0.86 0.00	39.06 1.78 0.00	17.67 0.49 0.00	15.72 0.34 0.00	16.42 0.36 0.00	14.20 0.32 0.00	15.64 0.37 0.00	15.65 0.36 0.00	20.22 0.45 0.00	26.80 0.83 0.00	39.60 1.98 0.00	41.85 2.36 0.00	47.30 2.62 0.00	34.87 1.86 0.00	28.29 1.38 0.00	18.69 0.85 0.00	18.21 0.76 0.00	17.21 0.68 0.00
MARSH_HILL_WT_PWR 323713	20.52 -0.14 0.00	21.16 -0.29 0.00	22.01 -0.13 0.00	20.72 -0.26 0.00	21.55 -0.39 0.00	19.34 -0.44 0.00	16.41 -0.32 0.00	16.61 -0.25 0.00	36.87 -0.41 0.00	16.74 -0.44 0.00	14.81 -0.58 0.00	15.57 -0.49 0.00	13.44 -0.43 0.00	14.80 -0.47 0.00	14.78 -0.52 0.00	18.83 -0.94 0.00	24.97 -1.00 0.00	36.23 -1.39 0.00	37.93 -1.57 0.00	42.58 -2.09 0.00	30.89 -2.12 0.00	25.05 -1.87 0.00	16.33 -1.51 0.00	15.97 -1.48 0.00	14.91 -1.62 0.00
MCINTYRE_115KV_TB2 80467	23.32 2.66 0.00	24.16 2.71 0.00	24.92 2.78 0.00	23.59 2.61 0.00	24.69 2.75 0.00	22.23 2.46 0.00	18.92 2.19 0.00	19.08 2.22 0.00	42.18 4.90 0.00	18.58 1.40 0.00	16.17 0.79 0.00	16.72 0.66 0.00	14.39 0.51 0.00	15.85 0.58 0.00	15.83 0.54 0.00	20.88 1.11 0.00	28.26 2.28 0.00	42.66 5.05 0.00	45.96 6.47 0.00	51.84 7.17 0.00	38.14 5.13 0.00	30.79 3.88 0.00	20.20 2.36 0.00	19.59 2.14 0.00	18.42 1.89 0.00
MECO_____69_KV_BK1 80468	21.92 1.26 0.00	22.74 1.29 0.00	23.47 1.32 0.00	22.21 1.23 0.00	23.22 1.28 0.00	20.91 1.13 0.00	17.77 1.04 0.00	17.90 1.04 0.00	39.48 2.20 0.00	17.73 0.55 0.00	15.68 0.29 0.00	16.31 0.25 0.00	14.11 0.23 0.00	15.52 0.25 0.00	15.61 0.32 0.00	20.33 0.56 0.00	26.91 0.94 0.00	40.03 2.41 0.00	42.39 2.90 0.00	47.93 3.26 0.00	35.36 2.34 0.00	28.72 1.81 0.00	18.96 1.12 0.00	18.48 1.03 0.00	17.45 0.92 0.00
MENANDS___115KV_TB5 355628	21.25 0.59 0.00	22.11 0.67 0.00	22.78 0.63 0.00	21.58 0.60 0.00	22.63 0.68 0.00	20.40 0.63 0.00	17.29 0.56 0.00	17.45 0.59 0.00	38.63 1.35 0.00	17.78 0.60 0.00	15.94 0.55 0.00	16.60 0.55 0.00	14.36 0.48 0.00	15.79 0.52 0.00	15.87 0.58 0.00	20.52 0.75 0.00	26.92 0.95 0.00	38.87 1.25 0.00	40.75 1.25 0.00	46.10 1.43 0.00	34.13 1.11 0.00	27.85 0.93 0.00	18.47 0.62 0.00	18.05 0.60 0.00	17.08 0.55 0.00
MG INDUSTRY___DRP 24185	21.25 0.60 0.00	22.10 0.66 0.00	22.77 0.63 0.00	21.56 0.58 0.00	22.61 0.67 0.00	20.39 0.62 0.00	17.28 0.55 0.00	17.44 0.58 0.00	38.53 1.25 0.00	17.65 0.47 0.00	15.81 0.43 0.00	16.49 0.43 0.00	14.26 0.38 0.00	15.67 0.40 0.00	15.74 0.45 0.00	20.35 0.58 0.00	26.77 0.80 0.00	38.79 1.18 0.00	40.69 1.20 0.00	46.02 1.35 0.00	34.06 1.05 0.00	27.80 0.89 0.00	18.43 0.59 0.00	18.02 0.57 0.00	17.04 0.51 0.00
MID___OSWEGATCHIE_HYD	22.14	22.93	23.65	22.40	23.42	21.12	17.95	18.11	40.00	17.96	15.80	16.35	14.09	15.52	15.51	20.24	27.10	40.38	43.08	48.63	35.78	28.95	19.05	18.52	17.43

23849	1.48 0.00	1.49 0.00	1.50 0.00	1.42 0.00	1.48 0.00	1.34 0.00	1.22 0.00	1.24 0.00	2.72 0.00	0.79 0.00	0.41 0.00	0.29 0.00	0.21 0.00	0.25 0.00	0.21 0.00	0.46 0.00	1.13 0.00	2.76 0.00	3.59 0.00	3.96 0.00	2.77 0.00	2.03 0.00	1.21 0.00	1.07 0.00	0.90 0.00
MID___RAQUETTE_HYD 23851	22.55 1.89 0.00	23.39 1.94 0.00	24.14 2.00 0.00	22.86 1.88 0.00	23.91 1.97 0.00	21.54 1.76 0.00	18.30 1.56 0.00	18.43 1.57 0.00	40.75 3.48 0.00	18.24 1.06 0.00	16.02 0.64 0.00	16.58 0.52 0.00	14.27 0.39 0.00	15.71 0.44 0.00	15.69 0.40 0.00	20.56 0.80 0.00	27.60 1.63 0.00	41.20 3.59 0.00	44.08 4.58 0.00	49.72 5.05 0.00	36.61 3.59 0.00	29.60 2.69 0.00	19.47 1.63 0.00	18.92 1.47 0.00	17.81 1.28 0.00
MILLIKEN___1 23584	20.81 0.14 0.00	21.50 0.05 0.00	22.23 0.08 0.00	21.04 0.06 0.00	21.96 0.02 0.00	19.79 0.01 0.00	16.81 0.08 0.00	16.99 0.13 0.00	37.60 0.32 0.00	17.21 0.03 0.00	15.31 -0.08 0.00	15.97 -0.09 0.00	13.77 -0.11 0.00	15.14 -0.14 0.00	15.14 -0.15 0.00	19.50 -0.27 0.00	25.83 -0.15 0.00	37.62 0.00 0.00	39.55 0.06 0.00	44.79 0.12 0.00	33.01 -0.01 0.00	26.84 -0.08 0.00	17.75 -0.09 0.00	17.37 -0.09 0.00	16.45 -0.08 0.00
MILLIKEN___2 23585	20.81 0.14 0.00	21.50 0.05 0.00	22.23 0.08 0.00	21.04 0.06 0.00	21.96 0.02 0.00	19.79 0.01 0.00	16.81 0.08 0.00	16.99 0.13 0.00	37.60 0.32 0.00	17.21 0.03 0.00	15.31 -0.08 0.00	15.97 -0.09 0.00	13.77 -0.11 0.00	15.14 -0.14 0.00	15.14 -0.15 0.00	19.50 -0.27 0.00	25.83 -0.15 0.00	37.62 0.00 0.00	39.55 0.06 0.00	44.79 0.12 0.00	33.01 -0.01 0.00	26.84 -0.08 0.00	17.75 -0.09 0.00	17.37 -0.09 0.00	16.45 -0.08 0.00
MILLIKEN___DIESEL 23629	20.81 0.14 0.00	21.50 0.05 0.00	22.23 0.08 0.00	21.04 0.06 0.00	21.96 0.02 0.00	19.79 0.01 0.00	16.81 0.08 0.00	16.99 0.13 0.00	37.60 0.32 0.00	17.21 0.03 0.00	15.31 -0.08 0.00	15.97 -0.09 0.00	13.77 -0.11 0.00	15.14 -0.14 0.00	15.14 -0.15 0.00	19.50 -0.27 0.00	25.83 -0.15 0.00	37.62 0.00 0.00	39.55 0.06 0.00	44.79 0.12 0.00	33.01 -0.01 0.00	26.84 -0.08 0.00	17.75 -0.09 0.00	17.37 -0.09 0.00	16.45 -0.08 0.00
MILLSEAT___LFGE 323607	20.01 -0.65 0.00	20.70 -0.75 0.00	21.59 -0.55 0.00	20.37 -0.61 0.00	21.20 -0.74 0.00	18.99 -0.78 0.00	16.12 -0.62 0.00	16.27 -0.60 0.00	35.88 -1.39 0.00	16.49 -0.68 0.00	14.58 -0.81 0.00	15.27 -0.79 0.00	13.18 -0.70 0.00	14.56 -0.71 0.00	14.48 -0.81 0.00	18.42 -1.35 0.00	24.27 -1.70 0.00	35.45 -2.17 0.00	37.20 -2.29 0.00	41.76 -2.91 0.00	30.71 -2.31 0.00	25.00 -1.92 0.00	16.62 -1.22 0.00	16.40 -1.05 0.00	15.58 -0.96 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	21.34 0.68 0.00	22.25 0.80 0.00	22.89 0.75 0.00	21.57 0.59 0.00	22.56 0.61 0.00	20.30 0.53 0.00	17.22 0.48 0.00	17.35 0.49 0.00	38.65 1.37 0.00	17.91 0.73 0.00	16.06 0.68 0.00	16.83 0.77 0.00	14.57 0.69 0.00	16.03 0.75 0.00	16.09 0.80 0.00	20.73 0.96 0.00	27.15 1.18 0.00	38.97 1.35 0.00	40.94 1.45 0.00	46.52 1.85 0.00	34.43 1.41 0.00	28.07 1.16 0.00	18.60 0.76 0.00	18.18 0.73 0.00	17.17 0.64 0.00
MILLWOOD_13_KV_LOAD 356217	21.36 0.71 0.00	22.27 0.82 0.00	22.92 0.77 0.00	21.59 0.61 0.00	22.58 0.64 0.00	20.32 0.55 0.00	17.23 0.50 0.00	17.37 0.51 0.00	38.69 1.41 0.00	17.93 0.75 0.00	16.08 0.69 0.00	16.85 0.78 0.00	14.58 0.70 0.00	16.04 0.77 0.00	16.11 0.82 0.00	20.75 0.98 0.00	27.18 1.21 0.00	39.02 1.41 0.00	41.01 1.51 0.00	46.59 1.92 0.00	34.48 1.47 0.00	28.11 1.20 0.00	18.63 0.78 0.00	18.20 0.75 0.00	17.19 0.66 0.00
MODEL_CITY_ENERGY 24167	19.43 -1.23 0.00	20.12 -1.33 0.00	21.03 -1.12 0.00	19.83 -1.15 0.00	20.63 -1.32 0.00	18.45 -1.32 0.00	15.64 -1.09 0.00	15.78 -1.09 0.00	34.75 -2.53 0.00	16.05 -1.13 0.00	14.24 -1.15 0.00	14.95 -1.11 0.00	12.92 -0.96 0.00	14.28 -0.99 0.00	14.19 -1.11 0.00	17.96 -1.81 0.00	23.57 -2.40 0.00	34.20 -3.42 0.00	35.78 -3.72 0.00	40.10 -4.57 0.00	29.51 -3.50 0.00	24.06 -2.86 0.00	16.05 -1.80 0.00	15.87 -1.58 0.00	15.12 -1.41 0.00
MODERN_LFGE___ 323580	19.43 -1.23 0.00	20.12 -1.33 0.00	21.03 -1.12 0.00	19.83 -1.15 0.00	20.63 -1.32 0.00	18.45 -1.32 0.00	15.64 -1.09 0.00	15.78 -1.09 0.00	34.75 -2.53 0.00	16.05 -1.13 0.00	14.24 -1.15 0.00	14.95 -1.11 0.00	12.92 -0.96 0.00	14.28 -0.99 0.00	14.19 -1.11 0.00	17.96 -1.81 0.00	23.57 -2.40 0.00	34.20 -3.42 0.00	35.78 -3.72 0.00	40.10 -4.57 0.00	29.51 -3.50 0.00	24.06 -2.86 0.00	16.05 -1.80 0.00	15.87 -1.58 0.00	15.12 -1.41 0.00
MOHAWK_PAPER___DRP 24187	21.33 0.67 0.00	22.19 0.75 0.00	22.85 0.71 0.00	21.65 0.67 0.00	22.69 0.74 0.00	20.46 0.68 0.00	17.36 0.62 0.00	17.51 0.64 0.00	38.75 1.47 0.00	17.82 0.65 0.00	15.97 0.59 0.00	16.63 0.57 0.00	14.38 0.50 0.00	15.82 0.54 0.00	15.89 0.60 0.00	20.57 0.80 0.00	27.00 1.03 0.00	39.03 1.42 0.00	40.95 1.45 0.00	46.32 1.65 0.00	34.28 1.27 0.00	27.97 1.06 0.00	18.54 0.70 0.00	18.12 0.67 0.00	17.14 0.61 0.00
MOHICAN___35_KV_115KV_LD 80490	21.58 0.92 0.00	22.44 1.00 0.00	23.14 0.99 0.00	21.98 1.00 0.00	23.00 1.05 0.00	20.74 0.96 0.00	17.68 0.94 0.00	17.82 0.96 0.00	39.43 2.15 0.00	17.99 0.82 0.00	16.10 0.71 0.00	16.68 0.63 0.00	14.45 0.57 0.00	15.87 0.60 0.00	16.00 0.71 0.00	20.69 0.92 0.00	27.39 1.42 0.00	39.83 2.21 0.00	41.95 2.45 0.00	47.51 2.83 0.00	35.12 2.11 0.00	28.51 1.60 0.00	18.86 1.02 0.00	18.47 1.02 0.00	17.46 0.93 0.00
MONGAUP___HYD 23641	21.54 0.88 0.00	22.42 0.97 0.00	23.07 0.92 0.00	21.76 0.78 0.00	22.75 0.81 0.00	20.48 0.71 0.00	17.39 0.66 0.00	17.54 0.68 0.00	39.02 1.74 0.00	17.96 0.78 0.00	15.98 0.59 0.00	16.66 0.60 0.00	14.41 0.53 0.00	15.85 0.58 0.00	15.91 0.62 0.00	20.52 0.75 0.00	27.09 1.12 0.00	39.38 1.76 0.00	41.51 2.02 0.00	47.19 2.52 0.00	34.90 1.89 0.00	28.43 1.51 0.00	18.81 0.96 0.00	18.36 0.91 0.00	17.33 0.80 0.00
MONTAUK___DIESEL 23721	21.62 0.96 0.00	22.97 1.53 0.00	23.35 1.21 0.00	21.83 0.85 0.00	22.53 0.59 0.00	20.25 0.48 0.00	17.16 0.43 0.00	17.28 0.42 0.00	39.00 1.72 0.00	18.39 1.21 0.00	16.51 1.12 0.00	17.34 1.28 0.00	14.97 1.09 0.00	16.58 1.31 0.00	16.72 1.43 0.00	21.60 1.83 0.00	28.41 2.43 0.00	40.64 3.03 0.00	42.89 3.40 0.00	48.55 3.88 0.00	35.98 2.96 0.00	29.39 2.48 0.00	19.42 1.58 0.00	18.97 1.52 0.00	17.83 1.30 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	20.59 -0.07 0.00	21.18 -0.26 0.00	22.09 -0.06 0.00	20.80 -0.19 0.00	21.60 -0.34 0.00	19.25 -0.53 0.00	16.24 -0.49 0.00	16.36 -0.50 0.00	36.21 -1.08 0.00	16.56 -0.61 0.00	14.93 -0.46 0.00	15.85 -0.21 0.00	13.65 -0.22 0.00	15.02 -0.25 0.00	14.99 -0.30 0.00	19.03 -0.74 0.00	25.01 -0.96 0.00	36.06 -1.56 0.00	37.51 -1.98 0.00	41.91 -2.76 0.00	30.56 -2.46 0.00	24.54 -2.37 0.00	16.09 -1.75 0.00	15.95 -1.50 0.00	15.04 -1.49 0.00
MORRIS_RIDGE___SOLAR	20.22	20.88	21.73	20.48	21.34	19.12	16.21	16.39	36.28	16.45	14.56	15.33	13.25	14.61	14.58	18.54	24.61	35.72	37.30	42.01	30.70	24.91	16.38	16.09	15.16

323848	-0.44 0.00	-0.57 0.00	-0.42 0.00	-0.50 0.00	-0.60 0.00	-0.66 0.00	-0.52 0.00	-0.47 0.00	-1.00 0.00	-0.73 0.00	-0.83 0.00	-0.73 0.00	-0.63 0.00	-0.66 0.00	-0.71 0.00	-1.23 0.00	-1.37 0.00	-1.90 0.00	-2.19 0.00	-2.67 0.00	-2.32 0.00	-2.01 0.00	-1.46 0.00	-1.36 0.00	-1.37 0.00
MORTIMER_115KV_TB3 55949	20.03 -0.63 0.00	20.72 -0.72 0.00	21.54 -0.60 0.00	20.35 -0.63 0.00	21.22 -0.72 0.00	19.07 -0.71 0.00	16.16 -0.57 0.00	16.32 -0.54 0.00	36.04 -1.24 0.00	16.57 -0.60 0.00	14.75 -0.64 0.00	15.44 -0.62 0.00	13.34 -0.54 0.00	14.72 -0.55 0.00	14.66 -0.63 0.00	18.75 -1.02 0.00	24.72 -1.26 0.00	35.93 -1.68 0.00	37.70 -1.80 0.00	42.43 -2.24 0.00	31.25 -1.76 0.00	25.45 -1.47 0.00	16.88 -0.96 0.00	16.60 -0.85 0.00	15.74 -0.79 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	21.47 0.81 0.00	22.39 0.95 0.00	23.04 0.90 0.00	21.70 0.72 0.00	22.69 0.74 0.00	20.41 0.64 0.00	17.30 0.57 0.00	17.44 0.58 0.00	38.85 1.57 0.00	18.02 0.84 0.00	16.17 0.79 0.00	16.95 0.89 0.00	14.68 0.80 0.00	16.16 0.89 0.00	16.23 0.94 0.00	20.90 1.12 0.00	27.34 1.37 0.00	39.16 1.55 0.00	41.13 1.63 0.00	46.73 2.06 0.00	34.60 1.59 0.00	28.24 1.33 0.00	18.72 0.87 0.00	18.29 0.83 0.00	17.28 0.75 0.00
MUNSVILLE_WIND_PWR 323609	21.94 1.29 0.00	22.65 1.20 0.00	23.42 1.28 0.00	22.18 1.20 0.00	23.23 1.28 0.00	20.91 1.14 0.00	17.81 1.07 0.00	18.00 1.14 0.00	39.86 2.58 0.00	18.15 0.97 0.00	16.13 0.74 0.00	16.75 0.69 0.00	14.45 0.58 0.00	15.87 0.60 0.00	15.84 0.55 0.00	20.55 0.77 0.00	27.42 1.44 0.00	40.32 2.70 0.00	42.57 3.07 0.00	48.28 3.61 0.00	35.54 2.53 0.00	28.74 1.82 0.00	18.81 0.96 0.00	18.20 0.74 0.00	17.15 0.62 0.00
N SALMON___HYD 24042	21.78 1.12 0.00	22.65 1.21 0.00	23.46 1.32 0.00	22.22 1.25 0.00	23.23 1.29 0.00	20.91 1.13 0.00	17.69 0.96 0.00	17.83 0.96 0.00	39.40 2.12 0.00	17.99 0.81 0.00	16.03 0.64 0.00	16.62 0.56 0.00	14.31 0.43 0.00	15.74 0.47 0.00	15.76 0.47 0.00	20.56 0.79 0.00	27.22 1.25 0.00	39.98 2.36 0.00	42.32 2.83 0.00	47.73 3.06 0.00	35.23 2.22 0.00	28.61 1.70 0.00	18.90 1.05 0.00	18.44 0.99 0.00	17.36 0.83 0.00
N.AKRON___115KV_KNAPP 355671	19.93 -0.73 0.00	20.61 -0.83 0.00	21.52 -0.63 0.00	20.30 -0.68 0.00	21.12 -0.82 0.00	18.91 -0.87 0.00	16.04 -0.70 0.00	16.19 -0.67 0.00	35.70 -1.58 0.00	16.44 -0.74 0.00	14.55 -0.84 0.00	15.26 -0.80 0.00	13.16 -0.72 0.00	14.54 -0.73 0.00	14.46 -0.84 0.00	18.39 -1.38 0.00	24.19 -1.78 0.00	35.24 -2.38 0.00	36.93 -2.56 0.00	41.45 -3.23 0.00	30.49 -2.53 0.00	24.83 -2.09 0.00	16.52 -1.32 0.00	16.30 -1.15 0.00	15.50 -1.03 0.00
N.BELMOR_69_KV_BK1 55787	21.40 0.74 0.00	22.47 1.03 0.00	23.07 0.92 0.00	21.70 0.72 0.00	22.66 0.72 0.00	20.41 0.63 0.00	17.25 0.51 0.00	17.33 0.46 0.00	38.76 1.48 0.00	17.96 0.78 0.00	16.17 0.78 0.00	17.00 0.94 0.00	14.70 0.81 -0.01	16.19 0.91 -0.01	16.27 0.97 0.00	20.99 1.22 0.00	27.41 1.44 0.00	39.07 1.46 0.00	41.08 1.58 0.00	46.71 2.04 0.00	34.64 1.62 0.00	28.32 1.40 0.00	18.72 0.88 0.00	18.32 0.87 0.00	17.29 0.76 0.00
N.E_GEN_SANDY PD 24062	21.30 0.65 0.00	22.20 0.76 0.00	22.86 0.71 0.00	21.64 0.66 0.00	22.64 0.69 0.00	20.42 0.64 0.00	17.79 0.62 -0.44	19.32 0.63 -1.83	40.63 1.51 -1.84	17.89 0.71 0.00	16.39 0.66 -0.33	16.63 0.63 0.07	14.45 0.57 0.00	15.88 0.61 0.00	15.79 0.68 0.18	20.88 0.87 -0.24	27.08 1.11 0.00	36.05 1.39 2.96	42.60 1.44 -1.67	46.35 1.68 0.00	34.32 1.30 0.00	29.08 1.10 -1.07	22.22 0.75 -3.64	22.82 0.72 -4.65	20.03 0.66 -2.84
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	21.34 0.68 0.00	22.25 0.80 0.00	22.88 0.74 0.00	21.56 0.58 0.00	22.54 0.59 0.00	20.28 0.51 0.00	17.19 0.46 0.00	17.34 0.47 0.00	38.63 1.35 0.00	17.91 0.73 0.00	16.05 0.66 0.00	16.82 0.75 0.00	14.55 0.68 0.00	16.01 0.74 0.00	16.07 0.78 0.00	20.71 0.93 0.00	27.13 1.16 0.00	38.96 1.35 0.00	40.94 1.44 0.00	46.54 1.87 0.00	34.43 1.41 0.00	28.05 1.14 0.00	18.59 0.75 0.00	18.17 0.71 0.00	17.16 0.63 0.00
N.QUEENS_27_KV_LOAD 356247	21.46 0.81 0.00	22.41 0.96 0.00	23.03 0.89 0.00	21.68 0.70 0.00	22.65 0.71 0.00	20.37 0.60 0.00	17.26 0.53 0.00	17.41 0.54 0.00	38.75 1.46 0.00	18.00 0.82 0.00	16.17 0.78 0.00	16.94 0.88 0.00	14.68 0.80 0.00	16.16 0.89 0.00	16.23 0.94 0.00	20.90 1.13 0.00	27.34 1.37 0.00	39.13 1.52 0.00	41.11 1.61 0.00	46.73 2.05 0.00	34.66 1.64 0.00	28.33 1.42 0.00	18.73 0.89 0.00	18.29 0.84 0.00	17.27 0.74 0.00
N.TROY___115KV_TB1 355778	21.34 0.68 0.00	22.21 0.77 0.00	22.89 0.74 0.00	21.69 0.71 0.00	22.71 0.76 0.00	20.47 0.70 0.00	17.40 0.67 0.00	17.54 0.68 0.00	38.83 1.56 0.00	17.85 0.67 0.00	16.00 0.61 0.00	16.62 0.57 0.00	14.38 0.50 0.00	15.81 0.54 0.00	15.90 0.61 0.00	20.58 0.81 0.00	27.05 1.08 0.00	39.10 1.48 0.00	41.01 1.52 0.00	46.41 1.74 0.00	34.34 1.32 0.00	28.02 1.10 0.00	18.59 0.74 0.00	18.17 0.72 0.00	17.19 0.66 0.00
NARROWS_GT1_1 24228	21.55 0.89 0.00	22.48 1.03 0.00	23.12 0.98 0.00	21.78 0.80 0.00	22.76 0.81 0.00	20.47 0.69 0.00	17.34 0.61 0.00	17.49 0.63 0.00	38.94 1.65 0.00	18.08 0.90 0.00	16.23 0.84 0.00	17.01 0.95 0.00	14.73 0.86 0.00	16.22 0.95 0.00	16.29 0.99 0.00	20.97 1.20 0.00	27.42 1.44 0.00	39.22 1.60 0.00	41.19 1.70 0.00	46.86 2.18 0.00	34.75 1.73 0.00	28.38 1.47 0.00	18.80 0.95 0.00	18.35 0.90 0.00	17.34 0.80 0.00
NARROWS_GT1_2 24229	21.55 0.89 0.00	22.48 1.03 0.00	23.12 0.98 0.00	21.78 0.80 0.00	22.76 0.81 0.00	20.47 0.69 0.00	17.34 0.61 0.00	17.49 0.63 0.00	38.94 1.65 0.00	18.08 0.90 0.00	16.23 0.84 0.00	17.01 0.95 0.00	14.73 0.86 0.00	16.22 0.95 0.00	16.29 0.99 0.00	20.97 1.20 0.00	27.42 1.44 0.00	39.22 1.60 0.00	41.19 1.70 0.00	46.86 2.18 0.00	34.75 1.73 0.00	28.38 1.47 0.00	18.80 0.95 0.00	18.35 0.90 0.00	17.34 0.80 0.00
NARROWS_GT1_3 24230	21.55 0.89 0.00	22.48 1.03 0.00	23.12 0.98 0.00	21.78 0.80 0.00	22.76 0.81 0.00	20.47 0.69 0.00	17.34 0.61 0.00	17.49 0.63 0.00	38.94 1.65 0.00	18.08 0.90 0.00	16.23 0.84 0.00	17.01 0.95 0.00	14.73 0.86 0.00	16.22 0.95 0.00	16.29 0.99 0.00	20.97 1.20 0.00	27.42 1.44 0.00	39.22 1.60 0.00	41.19 1.70 0.00	46.86 2.18 0.00	34.75 1.73 0.00	28.38 1.47 0.00	18.80 0.95 0.00	18.35 0.90 0.00	17.34 0.80 0.00
NARROWS_GT1_4 24231	21.55 0.89 0.00	22.48 1.03 0.00	23.12 0.98 0.00	21.78 0.80 0.00	22.76 0.81 0.00	20.47 0.69 0.00	17.34 0.61 0.00	17.49 0.63 0.00	38.94 1.65 0.00	18.08 0.90 0.00	16.23 0.84 0.00	17.01 0.95 0.00	14.73 0.86 0.00	16.22 0.95 0.00	16.29 0.99 0.00	20.97 1.20 0.00	27.42 1.44 0.00	39.22 1.60 0.00	41.19 1.70 0.00	46.86 2.18 0.00	34.75 1.73 0.00	28.38 1.47 0.00	18.80 0.95 0.00	18.35 0.90 0.00	17.34 0.80 0.00
NARROWS_GT1_5	21.55	22.48	23.12	21.78	22.76	20.47	17.34	17.49	38.94	18.08	16.23	17.01	14.73	16.22	16.29	20.97	27.42	39.22	41.19	46.86	34.75	28.38	18.80	18.35	17.34

24232	0.89 0.00	1.03 0.00	0.98 0.00	0.80 0.00	0.81 0.00	0.69 0.00	0.61 0.00	0.63 0.00	1.65 0.00	0.90 0.00	0.84 0.00	0.95 0.00	0.86 0.00	0.95 0.00	0.99 0.00	1.20 0.00	1.44 0.00	1.60 0.00	1.70 0.00	2.18 0.00	1.73 0.00	1.47 0.00	0.95 0.00	0.90 0.00	0.80 0.00
NARROWS_GT1_6 24233	21.55 0.89 0.00	22.48 1.03 0.00	23.12 0.98 0.00	21.78 0.80 0.00	22.76 0.81 0.00	20.47 0.69 0.00	17.34 0.61 0.00	17.49 0.63 0.00	38.94 1.65 0.00	18.08 0.90 0.00	16.23 0.84 0.00	17.01 0.95 0.00	14.73 0.86 0.00	16.22 0.95 0.00	16.29 0.99 0.00	20.97 1.20 0.00	27.42 1.44 0.00	39.22 1.60 0.00	41.19 1.70 0.00	46.86 2.18 0.00	34.75 1.73 0.00	28.38 1.47 0.00	18.80 0.95 0.00	18.35 0.90 0.00	17.34 0.80 0.00
NARROWS_GT1_7 24234	21.55 0.89 0.00	22.48 1.03 0.00	23.12 0.98 0.00	21.78 0.80 0.00	22.76 0.81 0.00	20.47 0.69 0.00	17.34 0.61 0.00	17.49 0.63 0.00	38.94 1.65 0.00	18.08 0.90 0.00	16.23 0.84 0.00	17.01 0.95 0.00	14.73 0.86 0.00	16.22 0.95 0.00	16.29 0.99 0.00	20.97 1.20 0.00	27.42 1.44 0.00	39.22 1.60 0.00	41.19 1.70 0.00	46.86 2.18 0.00	34.75 1.73 0.00	28.38 1.47 0.00	18.80 0.95 0.00	18.35 0.90 0.00	17.34 0.80 0.00
NARROWS_GT1_8 24235	21.55 0.89 0.00	22.48 1.03 0.00	23.12 0.98 0.00	21.78 0.80 0.00	22.76 0.81 0.00	20.47 0.69 0.00	17.34 0.61 0.00	17.49 0.63 0.00	38.94 1.65 0.00	18.08 0.90 0.00	16.23 0.84 0.00	17.01 0.95 0.00	14.73 0.86 0.00	16.22 0.95 0.00	16.29 0.99 0.00	20.97 1.20 0.00	27.42 1.44 0.00	39.22 1.60 0.00	41.19 1.70 0.00	46.86 2.18 0.00	34.75 1.73 0.00	28.38 1.47 0.00	18.80 0.95 0.00	18.35 0.90 0.00	17.34 0.80 0.00
NARROWS_GT2_1 24236	21.55 0.89 0.00	22.48 1.03 0.00	23.12 0.98 0.00	21.78 0.80 0.00	22.76 0.81 0.00	20.47 0.69 0.00	17.34 0.61 0.00	17.49 0.63 0.00	38.94 1.65 0.00	18.08 0.90 0.00	16.23 0.84 0.00	17.01 0.95 0.00	14.73 0.86 0.00	16.22 0.95 0.00	16.29 0.99 0.00	20.97 1.20 0.00	27.42 1.44 0.00	39.22 1.60 0.00	41.19 1.70 0.00	46.86 2.18 0.00	34.75 1.73 0.00	28.38 1.47 0.00	18.80 0.95 0.00	18.35 0.90 0.00	17.34 0.80 0.00
NARROWS_GT2_2 24237	21.55 0.89 0.00	22.48 1.03 0.00	23.12 0.98 0.00	21.78 0.80 0.00	22.76 0.81 0.00	20.47 0.69 0.00	17.34 0.61 0.00	17.49 0.63 0.00	38.94 1.65 0.00	18.08 0.90 0.00	16.23 0.84 0.00	17.01 0.95 0.00	14.73 0.86 0.00	16.22 0.95 0.00	16.29 0.99 0.00	20.97 1.20 0.00	27.42 1.44 0.00	39.22 1.60 0.00	41.19 1.70 0.00	46.86 2.18 0.00	34.75 1.73 0.00	28.38 1.47 0.00	18.80 0.95 0.00	18.35 0.90 0.00	17.34 0.80 0.00
NARROWS_GT2_3 24238	21.55 0.89 0.00	22.48 1.03 0.00	23.12 0.98 0.00	21.78 0.80 0.00	22.76 0.81 0.00	20.47 0.69 0.00	17.34 0.61 0.00	17.49 0.63 0.00	38.94 1.65 0.00	18.08 0.90 0.00	16.23 0.84 0.00	17.01 0.95 0.00	14.73 0.86 0.00	16.22 0.95 0.00	16.29 0.99 0.00	20.97 1.20 0.00	27.42 1.44 0.00	39.22 1.60 0.00	41.19 1.70 0.00	46.86 2.18 0.00	34.75 1.73 0.00	28.38 1.47 0.00	18.80 0.95 0.00	18.35 0.90 0.00	17.34 0.80 0.00
NARROWS_GT2_4 24239	21.55 0.89 0.00	22.48 1.03 0.00	23.12 0.98 0.00	21.78 0.80 0.00	22.76 0.81 0.00	20.47 0.69 0.00	17.34 0.61 0.00	17.49 0.63 0.00	38.94 1.65 0.00	18.08 0.90 0.00	16.23 0.84 0.00	17.01 0.95 0.00	14.73 0.86 0.00	16.22 0.95 0.00	16.29 0.99 0.00	20.97 1.20 0.00	27.42 1.44 0.00	39.22 1.60 0.00	41.19 1.70 0.00	46.86 2.18 0.00	34.75 1.73 0.00	28.38 1.47 0.00	18.80 0.95 0.00	18.35 0.90 0.00	17.34 0.80 0.00
NARROWS_GT2_5 24240	21.55 0.89 0.00	22.48 1.03 0.00	23.12 0.98 0.00	21.78 0.80 0.00	22.76 0.81 0.00	20.47 0.69 0.00	17.34 0.61 0.00	17.49 0.63 0.00	38.94 1.65 0.00	18.08 0.90 0.00	16.23 0.84 0.00	17.01 0.95 0.00	14.73 0.86 0.00	16.22 0.95 0.00	16.29 0.99 0.00	20.97 1.20 0.00	27.42 1.44 0.00	39.22 1.60 0.00	41.19 1.70 0.00	46.86 2.18 0.00	34.75 1.73 0.00	28.38 1.47 0.00	18.80 0.95 0.00	18.35 0.90 0.00	17.34 0.80 0.00
NARROWS_GT2_6 24241	21.55 0.89 0.00	22.48 1.03 0.00	23.12 0.98 0.00	21.78 0.80 0.00	22.76 0.81 0.00	20.47 0.69 0.00	17.34 0.61 0.00	17.49 0.63 0.00	38.94 1.65 0.00	18.08 0.90 0.00	16.23 0.84 0.00	17.01 0.95 0.00	14.73 0.86 0.00	16.22 0.95 0.00	16.29 0.99 0.00	20.97 1.20 0.00	27.42 1.44 0.00	39.22 1.60 0.00	41.19 1.70 0.00	46.86 2.18 0.00	34.75 1.73 0.00	28.38 1.47 0.00	18.80 0.95 0.00	18.35 0.90 0.00	17.34 0.80 0.00
NARROWS_GT2_7 24242	21.55 0.89 0.00	22.48 1.03 0.00	23.12 0.98 0.00	21.78 0.80 0.00	22.76 0.81 0.00	20.47 0.69 0.00	17.34 0.61 0.00	17.49 0.63 0.00	38.94 1.65 0.00	18.08 0.90 0.00	16.23 0.84 0.00	17.01 0.95 0.00	14.73 0.86 0.00	16.22 0.95 0.00	16.29 0.99 0.00	20.97 1.20 0.00	27.42 1.44 0.00	39.22 1.60 0.00	41.19 1.70 0.00	46.86 2.18 0.00	34.75 1.73 0.00	28.38 1.47 0.00	18.80 0.95 0.00	18.35 0.90 0.00	17.34 0.80 0.00
NARROWS_GT2_8 24243	21.55 0.89 0.00	22.48 1.03 0.00	23.12 0.98 0.00	21.78 0.80 0.00	22.76 0.81 0.00	20.47 0.69 0.00	17.34 0.61 0.00	17.49 0.63 0.00	38.94 1.65 0.00	18.08 0.90 0.00	16.23 0.84 0.00	17.01 0.95 0.00	14.73 0.86 0.00	16.22 0.95 0.00	16.29 0.99 0.00	20.97 1.20 0.00	27.42 1.44 0.00	39.22 1.60 0.00	41.19 1.70 0.00	46.86 2.18 0.00	34.75 1.73 0.00	28.38 1.47 0.00	18.80 0.95 0.00	18.35 0.90 0.00	17.34 0.80 0.00
NCATSKLL_69_KV_NC- LINE_REV_LBMP_G 345022	21.70 1.04 0.00	22.55 1.10 0.00	23.23 1.09 0.00	22.03 1.04 0.00	23.13 1.18 0.00	20.86 1.08 0.00	17.71 0.98 0.00	17.89 1.03 0.00	39.52 2.24 0.00	18.02 0.84 0.00	16.04 0.66 0.00	16.64 0.58 0.00	14.38 0.50 0.00	15.79 0.52 0.00	15.88 0.59 0.00	20.59 0.82 0.00	27.25 1.28 0.00	39.84 2.22 0.00	42.01 2.51 0.00	47.47 2.80 0.00	35.07 2.06 0.00	28.59 1.67 0.00	18.93 1.09 0.00	18.46 1.01 0.00	17.44 0.90 0.00
NCHELSEA_115KV_TR2 355582	21.48 0.82 0.00	22.37 0.93 0.00	23.02 0.87 0.00	21.71 0.73 0.00	22.71 0.77 0.00	20.46 0.68 0.00	17.36 0.63 0.00	17.51 0.65 0.00	38.95 1.67 0.00	18.02 0.84 0.00	16.16 0.77 0.00	16.90 0.84 0.00	14.62 0.75 0.00	16.08 0.81 0.00	16.15 0.86 0.00	20.83 1.06 0.00	27.33 1.36 0.00	39.35 1.74 0.00	41.37 1.87 0.00	46.97 2.30 0.00	34.74 1.73 0.00	28.32 1.40 0.00	18.75 0.91 0.00	18.32 0.86 0.00	17.29 0.76 0.00
NEG CAPITAL___MECHNVIL 23645	21.56 0.90 0.00	22.42 0.97 0.00	23.10 0.96 0.00	21.89 0.91 0.00	22.93 0.99 0.00	20.65 0.88 0.00	17.58 0.84 0.00	17.72 0.85 0.00	39.22 1.94 0.00	17.97 0.79 0.00	16.08 0.69 0.00	16.71 0.65 0.00	14.46 0.58 0.00	15.89 0.62 0.00	15.99 0.70 0.00	20.71 0.94 0.00	27.30 1.33 0.00	39.61 1.99 0.00	41.62 2.13 0.00	47.09 2.42 0.00	34.82 1.81 0.00	28.35 1.43 0.00	18.78 0.94 0.00	18.36 0.91 0.00	17.36 0.83 0.00

NEG CENTRAL_HIGH_ACRES 23767	19.76 -0.89 0.00	20.44 -1.00 0.00	21.22 -0.93 0.00	20.07 -0.91 0.00	20.92 -1.02 0.00	18.82 -0.95 0.00	15.97 -0.77 0.00	16.12 -0.74 0.00	35.60 -1.68 0.00	16.37 -0.80 0.00	14.58 -0.81 0.00	15.24 -0.82 0.00	13.17 -0.71 0.00	14.51 -0.76 0.00	14.47 -0.83 0.00	18.55 -1.22 0.00	24.49 -1.49 0.00	35.59 -2.02 0.00	37.35 -2.15 0.00	42.05 -2.62 0.00	30.96 -2.06 0.00	25.21 -1.71 0.00	16.71 -1.13 0.00	16.41 -1.04 0.00	15.58 -0.95 0.00
NEG CENTRAL___DRP 24199	20.46 -0.19 0.00	21.14 -0.31 0.00	21.89 -0.25 0.00	20.71 -0.27 0.00	21.59 -0.35 0.00	19.45 -0.32 0.00	16.52 -0.21 0.00	16.71 -0.15 0.00	36.96 -0.32 0.00	16.91 -0.27 0.00	15.03 -0.36 0.00	15.72 -0.34 0.00	13.56 -0.31 0.00	14.91 -0.36 0.00	14.90 -0.39 0.00	19.14 -0.63 0.00	25.33 -0.64 0.00	36.81 -0.81 0.00	38.70 -0.80 0.00	43.78 -0.89 0.00	32.20 -0.81 0.00	26.19 -0.72 0.00	17.33 -0.52 0.00	16.97 -0.48 0.00	16.08 -0.45 0.00
NEG CENTRAL___INDECK 23768	20.79 0.13 0.00	21.46 0.02 0.00	22.31 0.17 0.00	21.05 0.07 0.00	21.93 -0.01 0.00	19.69 -0.08 0.00	16.73 -0.01 0.00	16.93 0.06 0.00	37.43 0.15 0.00	16.95 -0.23 0.00	14.89 -0.50 0.00	15.60 -0.46 0.00	13.49 -0.39 0.00	14.87 -0.40 0.00	14.84 -0.45 0.00	18.94 -0.84 0.00	25.08 -0.89 0.00	37.02 -0.60 0.00	39.01 -0.49 0.00	43.90 -0.77 0.00	32.20 -0.82 0.00	26.12 -0.79 0.00	17.21 -0.64 0.00	16.85 -0.60 0.00	15.89 -0.64 0.00
NEG CENTRAL___SENECA 23627	20.52 -0.13 0.00	21.18 -0.26 0.00	21.95 -0.20 0.00	20.74 -0.24 0.00	21.64 -0.30 0.00	19.48 -0.30 0.00	16.55 -0.18 0.00	16.76 -0.10 0.00	37.10 -0.18 0.00	16.92 -0.26 0.00	15.01 -0.38 0.00	15.71 -0.35 0.00	13.55 -0.33 0.00	14.91 -0.36 0.00	14.88 -0.41 0.00	19.11 -0.67 0.00	25.32 -0.66 0.00	36.78 -0.83 0.00	38.72 -0.78 0.00	43.82 -0.85 0.00	32.18 -0.83 0.00	26.17 -0.74 0.00	17.29 -0.56 0.00	16.94 -0.51 0.00	16.01 -0.52 0.00
NEG CENTRAL___STATE_STREET 24147	20.60 -0.06 0.00	21.28 -0.16 0.00	22.01 -0.13 0.00	20.84 -0.14 0.00	21.68 -0.26 0.00	19.55 -0.22 0.00	16.60 -0.14 0.00	16.78 -0.08 0.00	37.11 -0.17 0.00	17.04 -0.14 0.00	15.19 -0.20 0.00	15.86 -0.20 0.00	13.66 -0.22 0.00	15.01 -0.26 0.00	15.03 -0.26 0.00	19.31 -0.46 0.00	25.58 -0.39 0.00	37.21 -0.41 0.00	38.96 -0.53 0.00	44.04 -0.63 0.00	32.46 -0.55 0.00	26.41 -0.50 0.00	17.49 -0.35 0.00	17.16 -0.30 0.00	16.30 -0.23 0.00
NEG MILLWOOD___DRP 24198	21.52 0.86 0.00	22.42 0.97 0.00	23.06 0.92 0.00	21.75 0.77 0.00	22.75 0.81 0.00	20.49 0.71 0.00	17.39 0.66 0.00	17.54 0.68 0.00	39.04 1.76 0.00	18.08 0.90 0.00	16.21 0.83 0.00	16.96 0.90 0.00	14.69 0.80 0.00	16.15 0.87 0.00	16.21 0.92 0.00	20.90 1.13 0.00	27.42 1.44 0.00	39.43 1.81 0.00	41.49 1.99 0.00	47.11 2.44 0.00	34.85 1.83 0.00	28.41 1.49 0.00	18.81 0.97 0.00	18.37 0.91 0.00	17.34 0.81 0.00
NEG NORTH_FLCN_SEA 23793	21.68 1.03 0.00	22.65 1.21 0.00	23.61 1.46 0.00	22.32 1.34 0.00	23.28 1.34 0.00	20.94 1.17 0.00	17.75 1.02 0.00	17.83 0.97 0.00	39.40 2.12 0.00	18.09 0.91 0.00	16.30 0.91 0.00	16.86 0.79 0.00	14.51 0.63 0.00	15.93 0.66 0.00	16.03 0.74 0.00	20.90 1.13 0.00	27.38 1.41 0.00	39.75 2.13 0.00	41.78 2.28 0.00	47.24 2.57 0.00	34.87 1.86 0.00	28.25 1.33 0.00	18.69 0.85 0.00	18.30 0.85 0.00	17.22 0.69 0.00
NEG NORTH_KES_CHATEGAY 23792	21.32 0.66 0.00	22.21 0.77 0.00	23.05 0.90 0.00	21.83 0.85 0.00	22.79 0.85 0.00	20.50 0.73 0.00	17.33 0.60 0.00	17.44 0.57 0.00	38.50 1.22 0.00	17.69 0.51 0.00	15.83 0.45 0.00	16.44 0.38 0.00	14.15 0.27 0.00	15.57 0.30 0.00	15.62 0.33 0.00	20.36 0.58 0.00	26.82 0.84 0.00	39.11 1.49 0.00	41.21 1.72 0.00	46.51 1.84 0.00	34.34 1.33 0.00	27.92 1.00 0.00	18.48 0.64 0.00	18.07 0.62 0.00	17.03 0.50 0.00
NEG NORTH___ALICE_FALLS 23915	21.72 1.07 0.00	22.67 1.23 0.00	23.60 1.46 0.00	22.32 1.34 0.00	23.29 1.35 0.00	20.95 1.17 0.00	17.75 1.02 0.00	17.84 0.98 0.00	39.45 2.17 0.00	18.10 0.92 0.00	16.28 0.89 0.00	16.86 0.79 0.00	14.51 0.63 0.00	15.92 0.65 0.00	16.01 0.72 0.00	20.87 1.10 0.00	27.41 1.44 0.00	39.89 2.28 0.00	41.98 2.48 0.00	47.46 2.79 0.00	35.02 2.00 0.00	28.38 1.47 0.00	18.78 0.94 0.00	18.37 0.92 0.00	17.29 0.75 0.00
NEG NORTH___LWR_SARANAC 23913	21.72 1.07 0.00	22.67 1.23 0.00	23.60 1.46 0.00	22.32 1.34 0.00	23.29 1.35 0.00	20.95 1.17 0.00	17.75 1.02 0.00	17.84 0.98 0.00	39.45 2.17 0.00	18.10 0.92 0.00	16.28 0.89 0.00	16.86 0.79 0.00	14.51 0.63 0.00	15.92 0.65 0.00	16.01 0.72 0.00	20.87 1.10 0.00	27.41 1.44 0.00	39.89 2.28 0.00	41.98 2.48 0.00	47.46 2.79 0.00	35.02 2.00 0.00	28.38 1.47 0.00	18.78 0.94 0.00	18.37 0.92 0.00	17.29 0.75 0.00
NEG NORTH___PLATTSBURG 23628	21.72 1.07 0.00	22.67 1.23 0.00	23.60 1.46 0.00	22.32 1.34 0.00	23.29 1.35 0.00	20.95 1.17 0.00	17.75 1.02 0.00	17.84 0.98 0.00	39.45 2.16 0.00	18.10 0.92 0.00	16.28 0.89 0.00	16.86 0.79 0.00	14.51 0.63 0.00	15.92 0.65 0.00	16.01 0.72 0.00	20.87 1.10 0.00	27.41 1.43 0.00	39.90 2.28 0.00	41.98 2.48 0.00	47.47 2.79 0.00	35.02 2.01 0.00	28.38 1.47 0.00	18.78 0.94 0.00	18.37 0.92 0.00	17.29 0.75 0.00
NEG WEST_LEA_LOCKPORT 23791	19.65 -1.01 0.00	20.33 -1.11 0.00	21.25 -0.89 0.00	20.04 -0.94 0.00	20.85 -1.09 0.00	18.65 -1.13 0.00	15.81 -0.92 0.00	15.95 -0.91 0.00	35.15 -2.13 0.00	16.21 -0.97 0.00	14.38 -1.00 0.00	15.10 -0.96 0.00	13.05 -0.83 0.00	14.42 -0.85 0.00	14.33 -0.97 0.00	18.17 -1.61 0.00	23.86 -2.12 0.00	34.62 -3.00 0.00	36.21 -3.29 0.00	40.60 -4.07 0.00	29.86 -3.15 0.00	24.33 -2.59 0.00	16.21 -1.63 0.00	16.02 -1.43 0.00	15.25 -1.28 0.00
NEG WEST___LANCASTER 23811	20.32 -0.34 0.00	21.03 -0.42 0.00	21.93 -0.21 0.00	20.65 -0.33 0.00	21.54 -0.40 0.00	19.23 -0.55 0.00	16.32 -0.42 0.00	16.46 -0.40 0.00	36.48 -0.80 0.00	16.73 -0.45 0.00	14.91 -0.48 0.00	15.68 -0.38 0.00	13.54 -0.34 0.00	14.94 -0.34 0.00	14.86 -0.43 0.00	18.92 -0.85 0.00	24.90 -1.07 0.00	35.92 -1.70 0.00	37.55 -1.95 0.00	42.37 -2.30 0.00	31.09 -1.93 0.00	25.28 -1.64 0.00	16.78 -1.07 0.00	16.58 -0.87 0.00	15.70 -0.83 0.00
NEG_PENN_ALLEGHNY 23528	20.55 -0.11 0.00	21.22 -0.22 0.00	21.96 -0.18 0.00	20.77 -0.21 0.00	21.71 -0.23 0.00	19.53 -0.24 0.00	16.58 -0.15 0.00	16.77 -0.09 0.00	37.17 -0.11 0.00	17.03 -0.15 0.00	15.23 -0.15 0.00	15.98 -0.08 0.00	13.80 -0.08 0.00	15.17 -0.10 0.00	15.15 -0.14 0.00	19.49 -0.28 0.00	25.67 -0.30 0.00	37.11 -0.51 0.00	38.90 -0.60 0.00	44.16 -0.51 0.00	32.52 -0.49 0.00	26.44 -0.47 0.00	17.48 -0.36 0.00	17.13 -0.32 0.00	16.20 -0.33 0.00
NEG___GEN_MONROE 24207	20.15 -0.51 0.00	20.85 -0.60 0.00	21.68 -0.46 0.00	20.47 -0.52 0.00	21.35 -0.59 0.00	19.20 -0.57 0.00	16.26 -0.48 0.00	16.45 -0.41 0.00	36.27 -1.01 0.00	16.64 -0.54 0.00	14.77 -0.62 0.00	15.45 -0.61 0.00	13.35 -0.52 0.00	14.73 -0.54 0.00	14.68 -0.61 0.00	18.76 -1.02 0.00	24.74 -1.24 0.00	36.05 -1.56 0.00	37.90 -1.60 0.00	42.62 -2.06 0.00	31.38 -1.63 0.00	25.55 -1.37 0.00	16.95 -0.90 0.00	16.66 -0.79 0.00	15.80 -0.73 0.00

NEPA__ENERGY 23901	20.15 -0.51 0.00	20.71 -0.74 0.00	21.58 -0.57 0.00	20.33 -0.65 0.00	21.18 -0.76 0.00	18.92 -0.86 0.00	16.04 -0.70 0.00	16.26 -0.60 0.00	36.19 -1.08 0.00	16.51 -0.67 0.00	14.71 -0.67 0.00	15.59 -0.47 0.00	13.45 -0.43 0.00	14.79 -0.48 0.00	14.74 -0.55 0.00	18.75 -1.02 0.00	24.74 -1.24 0.00	35.56 -2.05 0.00	37.11 -2.38 0.00	42.18 -2.49 0.00	30.82 -2.20 0.00	24.92 -1.99 0.00	16.46 -1.38 0.00	16.28 -1.17 0.00	15.37 -1.16 0.00
NEVERSINK__HYD 23608	21.61 0.95 0.00	22.49 1.04 0.00	23.15 1.00 0.00	21.83 0.85 0.00	22.84 0.89 0.00	20.56 0.79 0.00	17.45 0.72 0.00	17.60 0.74 0.00	39.18 1.90 0.00	18.12 0.94 0.00	16.21 0.82 0.00	16.92 0.86 0.00	14.63 0.75 0.00	16.08 0.81 0.00	16.14 0.85 0.00	20.83 1.06 0.00	27.40 1.42 0.00	39.60 1.98 0.00	41.69 2.19 0.00	47.36 2.69 0.00	35.01 1.99 0.00	28.51 1.59 0.00	18.87 1.03 0.00	18.41 0.96 0.00	17.38 0.85 0.00
NEWKRMKL_115KV_TB1 55635	21.21 0.55 0.00	22.07 0.63 0.00	22.73 0.59 0.00	21.53 0.56 0.00	22.60 0.66 0.00	20.37 0.59 0.00	17.26 0.52 0.00	17.40 0.54 0.00	38.52 1.25 0.00	17.73 0.55 0.00	15.90 0.51 0.00	16.57 0.51 0.00	14.33 0.45 0.00	15.76 0.49 0.00	15.84 0.55 0.00	20.48 0.71 0.00	26.87 0.89 0.00	38.81 1.20 0.00	40.71 1.21 0.00	46.05 1.38 0.00	34.09 1.08 0.00	27.81 0.89 0.00	18.43 0.59 0.00	18.02 0.56 0.00	17.04 0.51 0.00
NEWTON__FALLS_HYD 23847	22.14 1.48 0.00	22.93 1.49 0.00	23.65 1.50 0.00	22.40 1.42 0.00	23.42 1.48 0.00	21.12 1.34 0.00	17.95 1.22 0.00	18.11 1.24 0.00	40.00 2.72 0.00	17.96 0.79 0.00	15.80 0.41 0.00	16.35 0.29 0.00	14.09 0.21 0.00	15.52 0.25 0.00	15.51 0.21 0.00	20.24 0.46 0.00	27.10 1.13 0.00	40.38 2.76 0.00	43.08 3.59 0.00	48.63 3.96 0.00	35.78 2.77 0.00	28.95 2.03 0.00	19.05 1.21 0.00	18.52 1.07 0.00	17.43 0.90 0.00
NGRID_A1_DSASP 323792	19.44 -1.22 0.00	20.13 -1.31 0.00	21.06 -1.08 0.00	19.86 -1.12 0.00	20.67 -1.28 0.00	18.48 -1.30 0.00	15.66 -1.08 0.00	15.79 -1.07 0.00	34.81 -2.47 0.00	16.07 -1.11 0.00	14.29 -1.10 0.00	15.00 -1.06 0.00	12.97 -0.91 0.00	14.34 -0.93 0.00	14.23 -1.06 0.00	18.03 -1.74 0.00	23.64 -2.33 0.00	34.24 -3.38 0.00	35.59 -3.91 0.00	39.86 -4.81 0.00	29.33 -3.69 0.00	23.91 -3.00 0.00	15.95 -1.89 0.00	15.79 -1.66 0.00	15.01 -1.52 0.00
NGRID_A2_DSASP 323793	19.44 -1.22 0.00	20.13 -1.31 0.00	21.06 -1.08 0.00	19.86 -1.12 0.00	20.67 -1.28 0.00	18.48 -1.30 0.00	15.66 -1.08 0.00	15.79 -1.07 0.00	34.81 -2.47 0.00	16.07 -1.11 0.00	14.29 -1.10 0.00	15.00 -1.06 0.00	12.97 -0.91 0.00	14.34 -0.93 0.00	14.23 -1.06 0.00	18.03 -1.74 0.00	23.64 -2.33 0.00	34.24 -3.38 0.00	35.59 -3.91 0.00	39.86 -4.81 0.00	29.33 -3.69 0.00	23.91 -3.00 0.00	15.95 -1.89 0.00	15.79 -1.66 0.00	15.01 -1.52 0.00
NGRID_A4_DSASP 323807	19.44 -1.22 0.00	20.13 -1.31 0.00	21.06 -1.08 0.00	19.86 -1.12 0.00	20.67 -1.28 0.00	18.48 -1.30 0.00	15.66 -1.08 0.00	15.79 -1.07 0.00	34.81 -2.47 0.00	16.07 -1.11 0.00	14.29 -1.10 0.00	15.00 -1.06 0.00	12.97 -0.91 0.00	14.34 -0.93 0.00	14.23 -1.06 0.00	18.03 -1.74 0.00	23.64 -2.33 0.00	34.24 -3.38 0.00	35.59 -3.91 0.00	39.86 -4.81 0.00	29.33 -3.69 0.00	23.91 -3.00 0.00	15.95 -1.89 0.00	15.79 -1.66 0.00	15.01 -1.52 0.00
NIAGARA_115E_LBMP 323715	19.30 -1.36 0.00	19.99 -1.46 0.00	20.91 -1.24 0.00	19.72 -1.26 0.00	20.50 -1.44 0.00	18.34 -1.43 0.00	15.54 -1.19 0.00	15.68 -1.18 0.00	34.52 -2.76 0.00	15.95 -1.23 0.00	14.16 -1.23 0.00	14.87 -1.19 0.00	12.85 -1.03 0.00	14.20 -1.06 0.00	14.11 -1.18 0.00	17.85 -1.92 0.00	23.41 -2.57 0.00	33.96 -3.66 0.00	35.51 -3.99 0.00	39.80 -4.87 0.00	29.29 -3.72 0.00	23.88 -3.03 0.00	15.95 -1.90 0.00	15.77 -1.68 0.00	15.04 -1.49 0.00
NIAGARA_115W_LBMP 323714	19.41 -1.25 0.00	20.10 -1.35 0.00	21.03 -1.12 0.00	19.83 -1.15 0.00	20.64 -1.31 0.00	18.45 -1.32 0.00	15.63 -1.10 0.00	15.77 -1.09 0.00	34.76 -2.52 0.00	16.05 -1.13 0.00	14.27 -1.12 0.00	14.98 -1.08 0.00	12.95 -0.93 0.00	14.32 -0.95 0.00	14.21 -1.08 0.00	18.01 -1.76 0.00	23.61 -2.37 0.00	34.19 -3.43 0.00	35.51 -3.99 0.00	39.78 -4.89 0.00	29.26 -3.75 0.00	23.86 -3.06 0.00	15.92 -1.92 0.00	15.76 -1.69 0.00	14.98 -1.55 0.00
NIAGARA_230_LBMP 323716	19.47 -1.19 0.00	20.16 -1.29 0.00	21.07 -1.07 0.00	19.87 -1.11 0.00	20.68 -1.26 0.00	18.50 -1.28 0.00	15.67 -1.06 0.00	15.81 -1.05 0.00	34.86 -2.43 0.00	16.08 -1.10 0.00	14.30 -1.09 0.00	15.02 -1.04 0.00	12.98 -0.90 0.00	14.35 -0.92 0.00	14.25 -1.04 0.00	18.07 -1.70 0.00	23.70 -2.27 0.00	34.31 -3.30 0.00	35.84 -3.66 0.00	40.20 -4.47 0.00	29.57 -3.44 0.00	24.10 -2.81 0.00	16.07 -1.77 0.00	15.90 -1.55 0.00	15.12 -1.41 0.00
NIAGARA__115KV_198_GIBSON 55903	19.41 -1.25 0.00	20.10 -1.35 0.00	21.03 -1.11 0.00	19.83 -1.15 0.00	20.64 -1.31 0.00	18.45 -1.33 0.00	15.63 -1.10 0.00	15.77 -1.09 0.00	34.76 -2.52 0.00	16.05 -1.13 0.00	14.27 -1.12 0.00	14.98 -1.08 0.00	12.95 -0.93 0.00	14.32 -0.95 0.00	14.21 -1.08 0.00	18.01 -1.76 0.00	23.61 -2.36 0.00	34.19 -3.43 0.00	35.51 -3.99 0.00	39.78 -4.89 0.00	29.27 -3.75 0.00	23.86 -3.06 0.00	15.92 -1.92 0.00	15.76 -1.69 0.00	14.98 -1.55 0.00
NIAGARA____ 23760	19.47 -1.19 0.00	20.16 -1.29 0.00	21.07 -1.07 0.00	19.87 -1.11 0.00	20.68 -1.26 0.00	18.50 -1.28 0.00	15.67 -1.06 0.00	15.81 -1.05 0.00	34.86 -2.43 0.00	16.08 -1.10 0.00	14.30 -1.09 0.00	15.02 -1.04 0.00	12.98 -0.90 0.00	14.35 -0.92 0.00	14.25 -1.04 0.00	18.07 -1.70 0.00	23.70 -2.27 0.00	34.31 -3.30 0.00	35.84 -3.66 0.00	40.20 -4.47 0.00	29.57 -3.44 0.00	24.10 -2.81 0.00	16.07 -1.77 0.00	15.90 -1.55 0.00	15.12 -1.41 0.00
NINE_MILE_1 23575	19.94 -0.72 0.00	20.64 -0.81 0.00	21.33 -0.82 0.00	20.21 -0.77 0.00	21.11 -0.83 0.00	19.07 -0.70 0.00	16.16 -0.57 0.00	16.29 -0.57 0.00	35.92 -1.36 0.00	16.57 -0.61 0.00	14.82 -0.57 0.00	15.49 -0.57 0.00	13.38 -0.50 0.00	14.73 -0.54 0.00	14.70 -0.59 0.00	18.92 -0.85 0.00	24.89 -1.08 0.00	36.08 -1.53 0.00	37.87 -1.62 0.00	42.81 -1.86 0.00	31.62 -1.40 0.00	25.76 -1.16 0.00	17.08 -0.76 0.00	16.73 -0.73 0.00	15.89 -0.64 0.00
NINE_MILE_2 23744	19.94 -0.72 0.00	20.64 -0.81 0.00	21.33 -0.82 0.00	20.21 -0.77 0.00	21.11 -0.83 0.00	19.07 -0.70 0.00	16.17 -0.57 0.00	16.29 -0.57 0.00	35.92 -1.36 0.00	16.57 -0.61 0.00	14.82 -0.57 0.00	15.49 -0.57 0.00	13.38 -0.50 0.00	14.73 -0.54 0.00	14.70 -0.59 0.00	18.93 -0.84 0.00	24.89 -1.08 0.00	36.08 -1.53 0.00	37.87 -1.62 0.00	42.81 -1.86 0.00	31.62 -1.40 0.00	25.76 -1.16 0.00	17.08 -0.76 0.00	16.73 -0.73 0.00	15.90 -0.64 0.00
NM_CAPITAL__DRP 24208	21.23 0.57 0.00	22.09 0.65 0.00	22.75 0.60 0.00	21.55 0.57 0.00	22.60 0.66 0.00	20.38 0.61 0.00	17.28 0.54 0.00	17.42 0.56 0.00	38.57 1.29 0.00	17.75 0.57 0.00	15.92 0.54 0.00	16.59 0.53 0.00	14.35 0.47 0.00	15.78 0.51 0.00	15.85 0.56 0.00	20.50 0.73 0.00	26.89 0.91 0.00	38.81 1.19 0.00	40.70 1.20 0.00	46.04 1.37 0.00	34.08 1.06 0.00	27.81 0.90 0.00	18.44 0.60 0.00	18.03 0.58 0.00	17.05 0.52 0.00

NM_CENTRAL___DRP 24181	20.30 -0.36 0.00	20.99 -0.45 0.00	21.70 -0.44 0.00	20.56 -0.42 0.00	21.47 -0.47 0.00	19.39 -0.39 0.00	16.45 -0.29 0.00	16.59 -0.27 0.00	36.60 -0.68 0.00	16.85 -0.33 0.00	15.05 -0.33 0.00	15.73 -0.33 0.00	13.59 -0.29 0.00	14.96 -0.31 0.00	14.93 -0.36 0.00	19.23 -0.55 0.00	25.33 -0.65 0.00	36.71 -0.90 0.00	38.55 -0.95 0.00	43.57 -1.10 0.00	32.16 -0.85 0.00	26.19 -0.73 0.00	17.38 -0.47 0.00	17.01 -0.44 0.00	16.14 -0.39 0.00
NM_FRONTIER___DRP 24179	19.41 -1.25 0.00	20.10 -1.35 0.00	21.03 -1.11 0.00	19.83 -1.15 0.00	20.64 -1.31 0.00	18.45 -1.33 0.00	15.63 -1.10 0.00	15.77 -1.09 0.00	34.76 -2.52 0.00	16.05 -1.13 0.00	14.27 -1.12 0.00	14.98 -1.08 0.00	12.95 -0.93 0.00	14.32 -0.95 0.00	14.21 -1.08 0.00	18.01 -1.76 0.00	23.61 -2.36 0.00	34.19 -3.43 0.00	35.51 -3.99 0.00	39.78 -4.89 0.00	29.27 -3.75 0.00	23.86 -3.06 0.00	15.92 -1.92 0.00	15.76 -1.69 0.00	14.98 -1.55 0.00
NM_ST_REGIS___HYD 24053	22.39 1.73 0.00	23.24 1.79 0.00	24.02 1.87 0.00	22.74 1.76 0.00	23.79 1.85 0.00	21.42 1.64 0.00	18.18 1.45 0.00	18.31 1.45 0.00	40.48 3.20 0.00	18.20 1.02 0.00	16.05 0.66 0.00	16.61 0.55 0.00	14.30 0.42 0.00	15.74 0.47 0.00	15.73 0.44 0.00	20.60 0.82 0.00	27.55 1.58 0.00	40.98 3.37 0.00	43.73 4.23 0.00	49.32 4.64 0.00	36.34 3.32 0.00	29.41 2.50 0.00	19.36 1.52 0.00	18.84 1.39 0.00	17.73 1.20 0.00
NORTHPORT___1 23551	21.26 0.60 0.00	22.48 1.04 0.00	23.08 0.93 0.00	21.68 0.71 0.00	22.63 0.69 0.00	20.37 0.60 0.00	17.17 0.43 0.00	17.23 0.37 0.00	38.58 1.31 0.00	17.91 0.73 0.00	16.13 0.74 0.00	17.01 0.95 0.00	14.69 0.81 0.00	16.20 0.94 0.00	16.30 1.01 0.00	21.03 1.26 0.00	27.37 1.40 0.00	38.87 1.25 0.00	40.90 1.41 0.00	46.47 1.80 0.00	34.43 1.41 0.00	28.24 1.32 0.00	18.64 0.80 0.00	18.25 0.80 0.00	17.26 0.73 0.00
NORTHPORT___2 23552	21.26 0.60 0.00	22.48 1.04 0.00	23.08 0.93 0.00	21.68 0.71 0.00	22.63 0.69 0.00	20.37 0.60 0.00	17.17 0.43 0.00	17.23 0.37 0.00	38.58 1.31 0.00	17.91 0.73 0.00	16.13 0.74 0.00	17.01 0.95 0.00	14.69 0.81 0.00	16.20 0.94 0.00	16.30 1.01 0.00	21.03 1.26 0.00	27.37 1.40 0.00	38.87 1.25 0.00	40.90 1.41 0.00	46.47 1.80 0.00	34.43 1.41 0.00	28.24 1.32 0.00	18.64 0.80 0.00	18.25 0.80 0.00	17.26 0.73 0.00
NORTHPORT___3 23553	20.95 0.29 0.00	22.13 0.69 0.00	22.71 0.56 0.00	21.36 0.38 0.00	22.28 0.34 0.00	20.07 0.29 0.00	16.91 0.18 0.00	16.95 0.09 0.00	37.97 0.70 0.00	17.62 0.44 0.00	15.88 0.50 0.00	16.76 0.70 0.00	14.48 0.60 0.00	15.96 0.70 0.00	16.06 0.77 0.00	20.72 0.95 0.00	26.97 1.00 0.00	38.29 0.68 0.00	40.28 0.79 0.00	45.75 1.08 0.00	33.91 0.90 0.00	27.76 0.84 0.00	18.35 0.51 0.00	17.97 0.52 0.00	17.00 0.47 0.00
NORTHPORT___4 23650	20.95 0.29 0.00	22.13 0.69 0.00	22.71 0.56 0.00	21.36 0.38 0.00	22.28 0.34 0.00	20.07 0.29 0.00	16.91 0.18 0.00	16.95 0.09 0.00	37.97 0.70 0.00	17.62 0.44 0.00	15.88 0.50 0.00	16.76 0.70 0.00	14.48 0.60 0.00	15.96 0.70 0.00	16.06 0.77 0.00	20.72 0.95 0.00	26.97 1.00 0.00	38.29 0.68 0.00	40.28 0.79 0.00	45.75 1.08 0.00	33.91 0.90 0.00	27.76 0.84 0.00	18.35 0.51 0.00	17.97 0.52 0.00	17.00 0.47 0.00
NORTHPORT___IC 23718	21.26 0.60 0.00	22.48 1.04 0.00	23.08 0.93 0.00	21.68 0.71 0.00	22.63 0.69 0.00	20.37 0.60 0.00	17.17 0.44 0.00	17.23 0.37 0.00	38.58 1.31 0.00	17.91 0.73 0.00	16.13 0.74 0.00	17.01 0.95 0.00	14.69 0.81 0.00	16.21 0.94 0.00	16.30 1.01 0.00	21.03 1.26 0.00	27.37 1.40 0.00	38.87 1.25 0.00	40.90 1.41 0.00	46.47 1.80 0.00	34.43 1.41 0.00	28.23 1.32 0.00	18.64 0.80 0.00	18.25 0.80 0.00	17.26 0.73 0.00
NORTH___COUNTRY_ESR 323785	21.26 0.60 0.00	22.15 0.70 0.00	22.98 0.84 0.00	21.77 0.79 0.00	22.72 0.78 0.00	20.45 0.67 0.00	17.28 0.54 0.00	17.38 0.52 0.00	38.38 1.10 0.00	17.65 0.47 0.00	15.81 0.42 0.00	16.41 0.35 0.00	14.14 0.26 0.00	15.56 0.29 0.00	15.60 0.31 0.00	20.33 0.56 0.00	26.76 0.78 0.00	39.00 1.38 0.00	41.07 1.57 0.00	46.34 1.67 0.00	34.22 1.21 0.00	27.82 0.91 0.00	18.42 0.58 0.00	18.02 0.57 0.00	16.98 0.45 0.00
NPX_GEN_1385_PROXY 323591	21.25 0.59 0.00	22.48 1.04 0.00	23.08 0.93 0.00	21.68 0.71 0.00	22.63 0.69 0.00	20.37 0.60 0.00	17.17 0.44 0.00	17.42 0.55 0.00	39.00 1.71 0.00	18.07 0.89 0.00	16.20 0.82 0.00	16.87 0.81 0.00	14.57 0.69 0.00	16.18 0.91 0.00	16.28 0.99 0.00	21.03 1.25 0.00	27.38 1.41 0.00	39.13 1.52 0.00	41.26 1.76 0.00	46.94 2.27 0.00	34.83 1.82 0.00	28.80 1.88 0.00	18.82 0.97 0.00	18.42 0.97 0.00	17.38 0.85 0.00
NPX_GEN_CSC 323557	21.53 0.87 0.00	22.72 1.28 0.00	23.28 1.13 0.00	21.85 0.87 0.00	22.75 0.81 0.00	20.53 0.75 0.00	17.34 0.61 0.00	17.44 0.57 0.00	39.05 1.75 -0.01	18.15 0.97 0.00	16.28 0.89 0.00	17.09 1.03 0.00	14.74 0.87 0.00	16.27 1.00 0.00	16.40 1.11 0.00	21.18 1.41 0.00	27.75 1.77 0.00	39.62 2.00 0.00	41.79 2.29 0.00	47.40 2.73 0.00	35.12 2.10 0.00	28.75 1.83 0.00	18.99 1.15 0.00	18.59 1.14 0.00	17.52 0.98 0.00
NSINS_S_GLNS_FALLS 23858	21.53 0.87 0.00	22.38 0.94 0.00	23.07 0.93 0.00	21.91 0.94 0.00	22.94 1.00 0.00	20.68 0.90 0.00	17.63 0.89 0.00	17.76 0.90 0.00	39.31 2.03 0.00	17.95 0.77 0.00	16.06 0.67 0.00	16.65 0.59 0.00	14.41 0.53 0.00	15.83 0.56 0.00	15.96 0.67 0.00	20.63 0.86 0.00	27.31 1.33 0.00	39.71 2.10 0.00	41.82 2.33 0.00	47.37 2.70 0.00	35.02 2.01 0.00	28.43 1.52 0.00	18.81 0.97 0.00	18.42 0.97 0.00	17.41 0.88 0.00
NUCOR_STEEL___DRP 24197	20.59 -0.07 0.00	21.27 -0.18 0.00	21.99 -0.15 0.00	20.83 -0.15 0.00	21.66 -0.28 0.00	19.53 -0.24 0.00	16.58 -0.15 0.00	16.76 -0.10 0.00	37.08 -0.20 0.00	17.04 -0.14 0.00	15.19 -0.20 0.00	15.87 -0.19 0.00	13.65 -0.23 0.00	15.01 -0.26 0.00	15.04 -0.25 0.00	19.31 -0.46 0.00	25.58 -0.39 0.00	37.20 -0.42 0.00	38.92 -0.58 0.00	43.99 -0.68 0.00	32.43 -0.58 0.00	26.39 -0.52 0.00	17.48 -0.36 0.00	17.15 -0.30 0.00	16.31 -0.22 0.00
NUMBER_THREE_WT_PWR 323818	21.71 1.05 0.00	22.47 1.03 0.00	23.16 1.01 0.00	21.92 0.94 0.00	22.94 1.00 0.00	20.71 0.94 0.00	17.61 0.88 0.00	17.77 0.91 0.00	39.27 1.99 0.00	17.74 0.56 0.00	15.65 0.26 0.00	16.21 0.15 0.00	13.99 0.11 0.00	15.42 0.15 0.00	15.41 0.12 0.00	20.00 0.23 0.00	26.66 0.69 0.00	39.54 1.92 0.00	42.04 2.55 0.00	47.49 2.82 0.00	34.95 1.94 0.00	28.36 1.45 0.00	18.71 0.86 0.00	18.20 0.74 0.00	17.12 0.59 0.00
NYISO_LBMP_REFERENCE 24008	20.66 0.00 0.00	21.44 0.00 0.00	22.14 0.00 0.00	20.98 0.00 0.00	21.94 0.00 0.00	19.78 0.00 0.00	16.73 0.00 0.00	16.86 0.00 0.00	37.28 0.00 0.00	17.18 0.00 0.00	15.39 0.00 0.00	16.06 0.00 0.00	13.88 0.00 0.00	15.27 0.00 0.00	15.29 0.00 0.00	19.77 0.00 0.00	25.97 0.00 0.00	37.62 0.00 0.00	39.50 0.00 0.00	44.67 0.00 0.00	33.01 0.00 0.00	26.92 0.00 0.00	17.84 0.00 0.00	17.45 0.00 0.00	16.53 0.00 0.00

NYPA_BRENTWD____GT 24164	21.48 0.82 0.00	22.65 1.20 0.00	23.25 1.11 0.00	21.85 0.87 0.00	22.79 0.85 0.00	20.53 0.76 0.00	17.32 0.59 0.00	17.40 0.54 0.00	38.98 1.70 0.00	18.09 0.91 0.00	16.26 0.87 0.00	17.11 1.05 0.00	14.76 0.89 0.00	16.28 1.01 0.00	16.39 1.10 0.00	21.15 1.38 0.00	27.62 1.65 0.00	39.34 1.72 0.00	41.31 1.82 0.00	46.89 2.22 0.00	34.77 1.76 0.00	28.54 1.62 0.00	18.86 1.01 0.00	18.45 1.00 0.00	17.42 0.89 0.00
NYPA_GOWANUS____GT5 24156	21.55 0.89 0.00	22.48 1.03 0.00	23.12 0.98 0.00	21.78 0.80 0.00	22.76 0.81 0.00	20.47 0.69 0.00	17.34 0.61 0.00	17.49 0.63 0.00	38.94 1.65 0.00	18.08 0.90 0.00	16.23 0.84 0.00	17.01 0.95 0.00	14.73 0.86 0.00	16.22 0.95 0.00	16.29 0.99 0.00	20.97 1.20 0.00	27.42 1.44 0.00	39.21 1.60 0.00	41.19 1.69 0.00	46.84 2.17 0.00	34.74 1.72 0.00	28.38 1.47 0.00	18.80 0.95 0.00	18.35 0.90 0.00	17.34 0.80 0.00
NYPA_GOWANUS____GT6 24157	21.55 0.89 0.00	22.48 1.03 0.00	23.12 0.98 0.00	21.78 0.80 0.00	22.76 0.81 0.00	20.47 0.69 0.00	17.34 0.61 0.00	17.49 0.63 0.00	38.94 1.65 0.00	18.08 0.90 0.00	16.23 0.84 0.00	17.01 0.95 0.00	14.73 0.86 0.00	16.22 0.95 0.00	16.29 0.99 0.00	20.97 1.20 0.00	27.42 1.44 0.00	39.21 1.60 0.00	41.19 1.69 0.00	46.84 2.17 0.00	34.74 1.72 0.00	28.38 1.47 0.00	18.80 0.95 0.00	18.35 0.90 0.00	17.34 0.80 0.00
NYPA_HARLEM__RVR__GT1 24160	21.44 0.78 0.00	22.39 0.95 0.00	23.03 0.88 0.00	21.67 0.69 0.00	22.65 0.71 0.00	20.37 0.59 0.00	17.26 0.53 0.00	17.41 0.54 0.00	38.73 1.45 0.00	17.99 0.82 0.00	16.15 0.76 0.00	16.92 0.85 0.00	14.66 0.79 0.00	16.14 0.87 0.00	16.21 0.91 0.00	20.87 1.10 0.00	27.31 1.34 0.00	39.08 1.47 0.00	41.04 1.55 0.00	46.67 2.00 0.00	34.60 1.59 0.00	28.30 1.38 0.00	18.71 0.86 0.00	18.27 0.81 0.00	17.25 0.72 0.00
NYPA_HARLEM__RVR__GT2 24161	21.44 0.78 0.00	22.39 0.95 0.00	23.03 0.88 0.00	21.67 0.69 0.00	22.65 0.71 0.00	20.37 0.59 0.00	17.26 0.53 0.00	17.41 0.54 0.00	38.73 1.45 0.00	17.99 0.82 0.00	16.15 0.76 0.00	16.92 0.85 0.00	14.66 0.79 0.00	16.14 0.87 0.00	16.21 0.91 0.00	20.87 1.10 0.00	27.31 1.34 0.00	39.08 1.47 0.00	41.04 1.55 0.00	46.67 2.00 0.00	34.60 1.59 0.00	28.30 1.38 0.00	18.71 0.86 0.00	18.27 0.81 0.00	17.25 0.72 0.00
NYPA_KENT____GT 24152	21.53 0.87 0.00	22.46 1.02 0.00	23.11 0.96 0.00	21.76 0.78 0.00	22.73 0.79 0.00	20.46 0.68 0.00	17.34 0.60 0.00	17.47 0.61 0.00	38.89 1.61 0.00	18.07 0.89 0.00	16.22 0.83 0.00	17.00 0.94 0.00	14.73 0.85 0.00	16.21 0.94 0.00	16.28 0.99 0.00	20.96 1.18 0.00	27.39 1.42 0.00	39.18 1.56 0.00	41.13 1.64 0.00	46.76 2.08 0.00	34.66 1.65 0.00	28.33 1.41 0.00	18.77 0.93 0.00	18.33 0.88 0.00	17.31 0.78 0.00
NYPA_POUCH1____GT 24155	21.56 0.91 0.00	22.50 1.05 0.00	23.15 1.01 0.00	21.80 0.82 0.00	22.78 0.83 0.00	20.48 0.71 0.00	17.36 0.63 0.00	17.50 0.64 0.00	38.94 1.66 0.00	18.09 0.91 0.00	16.23 0.84 0.00	16.99 0.93 0.00	14.71 0.83 0.00	16.19 0.92 0.00	16.26 0.97 0.00	20.94 1.17 0.00	27.39 1.42 0.00	39.14 1.52 0.00	41.14 1.64 0.00	46.78 2.11 0.00	34.73 1.72 0.00	28.40 1.48 0.00	18.81 0.96 0.00	18.35 0.90 0.00	17.34 0.81 0.00
NYPA_VERNON____GT2 24162	21.50 0.84 0.00	22.44 0.99 0.00	23.09 0.94 0.00	21.74 0.76 0.00	22.71 0.77 0.00	20.44 0.67 0.00	17.32 0.59 0.00	17.46 0.60 0.00	38.87 1.59 0.00	18.05 0.87 0.00	16.21 0.82 0.00	16.99 0.93 0.00	14.72 0.84 0.00	16.20 0.93 0.00	16.27 0.97 0.00	20.94 1.17 0.00	27.37 1.40 0.00	39.15 1.53 0.00	41.10 1.61 0.00	46.72 2.05 0.00	34.62 1.61 0.00	28.29 1.37 0.00	18.74 0.90 0.00	18.31 0.86 0.00	17.30 0.77 0.00
NYPA_VERNON____GT3 24163	21.50 0.84 0.00	22.44 0.99 0.00	23.09 0.94 0.00	21.74 0.76 0.00	22.71 0.77 0.00	20.44 0.67 0.00	17.32 0.59 0.00	17.46 0.60 0.00	38.87 1.59 0.00	18.05 0.87 0.00	16.21 0.82 0.00	16.99 0.93 0.00	14.72 0.84 0.00	16.20 0.93 0.00	16.27 0.97 0.00	20.94 1.17 0.00	27.37 1.40 0.00	39.15 1.53 0.00	41.10 1.61 0.00	46.72 2.05 0.00	34.62 1.61 0.00	28.29 1.37 0.00	18.74 0.90 0.00	18.31 0.86 0.00	17.30 0.77 0.00
NYPA__ASTORIA_CC1 323568	21.47 0.81 0.00	22.40 0.96 0.00	23.05 0.91 0.00	21.70 0.72 0.00	22.69 0.75 0.00	20.42 0.64 0.00	17.29 0.56 0.00	17.43 0.57 0.00	38.80 1.52 0.00	18.02 0.84 0.00	16.18 0.79 0.00	16.97 0.91 0.00	14.70 0.82 0.00	16.18 0.91 0.00	16.24 0.95 0.00	20.90 1.13 0.00	27.32 1.35 0.00	39.08 1.47 0.00	41.03 1.53 0.00	46.63 1.96 0.00	34.57 1.56 0.00	28.25 1.33 0.00	18.71 0.87 0.00	18.28 0.83 0.00	17.27 0.74 0.00
NYPA__ASTORIA_CC2 323569	21.47 0.81 0.00	22.40 0.96 0.00	23.05 0.91 0.00	21.70 0.72 0.00	22.69 0.75 0.00	20.42 0.64 0.00	17.29 0.56 0.00	17.43 0.57 0.00	38.80 1.52 0.00	18.02 0.84 0.00	16.18 0.79 0.00	16.97 0.91 0.00	14.70 0.82 0.00	16.18 0.91 0.00	16.24 0.95 0.00	20.90 1.13 0.00	27.32 1.35 0.00	39.08 1.47 0.00	41.03 1.53 0.00	46.63 1.96 0.00	34.57 1.56 0.00	28.25 1.33 0.00	18.71 0.87 0.00	18.28 0.83 0.00	17.27 0.74 0.00
NYPA__HOLTSVILL 23794	21.39 0.73 0.00	22.56 1.12 0.00	23.14 1.00 0.00	21.74 0.75 0.00	22.67 0.73 0.00	20.44 0.67 0.00	17.25 0.52 0.00	17.33 0.47 0.00	38.80 1.52 0.00	18.02 0.84 0.00	16.18 0.79 0.00	17.01 0.94 0.00	14.67 0.79 0.00	16.18 0.91 0.00	16.29 1.00 0.00	21.03 1.26 0.00	27.46 1.49 0.00	39.11 1.49 0.00	41.19 1.69 0.00	46.77 2.09 0.00	34.65 1.63 0.00	28.38 1.47 0.00	18.76 0.92 0.00	18.37 0.92 0.00	17.34 0.81 0.00
NYPA__HELLGATE_GT1 24158	21.44 0.78 0.00	22.39 0.95 0.00	23.03 0.88 0.00	21.67 0.69 0.00	22.65 0.71 0.00	20.37 0.59 0.00	17.26 0.53 0.00	17.41 0.54 0.00	38.73 1.45 0.00	17.99 0.82 0.00	16.15 0.76 0.00	16.92 0.85 0.00	14.66 0.79 0.00	16.14 0.87 0.00	16.21 0.91 0.00	20.87 1.10 0.00	27.31 1.34 0.00	39.08 1.47 0.00	41.04 1.55 0.00	46.67 2.00 0.00	34.60 1.59 0.00	28.30 1.38 0.00	18.71 0.86 0.00	18.27 0.81 0.00	17.25 0.72 0.00
NYPA__HELLGATE_GT2 24159	21.44 0.78 0.00	22.39 0.95 0.00	23.03 0.88 0.00	21.67 0.69 0.00	22.65 0.71 0.00	20.37 0.59 0.00	17.26 0.53 0.00	17.41 0.54 0.00	38.73 1.45 0.00	17.99 0.82 0.00	16.15 0.76 0.00	16.92 0.85 0.00	14.66 0.79 0.00	16.14 0.87 0.00	16.21 0.91 0.00	20.87 1.10 0.00	27.31 1.34 0.00	39.08 1.47 0.00	41.04 1.55 0.00	46.67 2.00 0.00	34.60 1.59 0.00	28.30 1.38 0.00	18.71 0.86 0.00	18.27 0.81 0.00	17.25 0.72 0.00
NYS_BARGE__HYD 23848	19.65 -1.01 0.00	20.33 -1.11 0.00	21.25 -0.89 0.00	20.04 -0.94 0.00	20.85 -1.09 0.00	18.65 -1.13 0.00	15.81 -0.92 0.00	15.95 -0.91 0.00	35.16 -2.12 0.00	16.22 -0.96 0.00	14.38 -1.01 0.00	15.10 -0.96 0.00	13.04 -0.83 0.00	14.42 -0.85 0.00	14.32 -0.97 0.00	18.16 -1.61 0.00	23.85 -2.13 0.00	34.63 -2.99 0.00	36.23 -3.26 0.00	40.63 -4.04 0.00	29.88 -3.13 0.00	24.35 -2.57 0.00	16.22 -1.62 0.00	16.04 -1.41 0.00	15.26 -1.27 0.00

OAK ORCHARD___HYD 24046	20.03 -0.63 0.00	20.72 -0.72 0.00	21.54 -0.60 0.00	20.35 -0.63 0.00	21.22 -0.72 0.00	19.07 -0.71 0.00	16.17 -0.57 0.00	16.32 -0.54 0.00	36.04 -1.24 0.00	16.57 -0.60 0.00	14.75 -0.64 0.00	15.44 -0.62 0.00	13.34 -0.54 0.00	14.72 -0.55 0.00	14.66 -0.63 0.00	18.75 -1.02 0.00	24.71 -1.26 0.00	35.93 -1.68 0.00	37.70 -1.80 0.00	42.43 -2.24 0.00	31.25 -1.76 0.00	25.45 -1.47 0.00	16.88 -0.96 0.00	16.59 -0.86 0.00	15.74 -0.79 0.00
OAKDALE___35_KV_LOAD 356122	20.48 -0.18 0.00	21.16 -0.28 0.00	21.89 -0.25 0.00	20.71 -0.27 0.00	21.65 -0.29 0.00	19.48 -0.30 0.00	16.53 -0.20 0.00	16.71 -0.15 0.00	37.04 -0.24 0.00	16.98 -0.20 0.00	15.19 -0.19 0.00	15.93 -0.13 0.00	13.76 -0.12 0.00	15.13 -0.14 0.00	15.12 -0.17 0.00	19.44 -0.33 0.00	25.59 -0.39 0.00	36.97 -0.64 0.00	38.75 -0.75 0.00	43.99 -0.68 0.00	32.41 -0.60 0.00	26.36 -0.56 0.00	17.43 -0.41 0.00	17.08 -0.37 0.00	16.15 -0.38 0.00
OCC_CHEM___DRP 24175	19.44 -1.22 0.00	20.13 -1.31 0.00	21.06 -1.08 0.00	19.86 -1.12 0.00	20.67 -1.28 0.00	18.48 -1.29 0.00	15.66 -1.08 0.00	15.79 -1.07 0.00	34.81 -2.47 0.00	16.07 -1.11 0.00	14.29 -1.10 0.00	15.00 -1.06 0.00	12.96 -0.91 0.00	14.34 -0.93 0.00	14.23 -1.06 0.00	18.04 -1.73 0.00	23.65 -2.33 0.00	34.24 -3.38 0.00	35.58 -3.91 0.00	39.87 -4.80 0.00	29.33 -3.68 0.00	23.91 -3.00 0.00	15.95 -1.89 0.00	15.79 -1.66 0.00	15.01 -1.52 0.00
OH_GEN_PROXY 24063	19.48 -1.18 0.00	20.17 -1.27 0.00	21.09 -1.06 0.00	19.88 -1.10 0.00	20.70 -1.24 0.00	18.51 -1.26 0.00	15.69 -1.05 0.00	15.83 -1.04 0.00	34.95 -2.34 -0.01	16.11 -1.07 0.00	14.33 -1.06 0.00	15.05 -1.01 0.00	13.00 -0.88 0.00	14.37 -0.90 0.00	14.28 -1.02 0.00	18.12 -1.65 0.00	23.77 -2.20 0.00	34.42 -3.20 0.00	35.95 -3.54 0.00	40.36 -4.32 0.00	29.68 -3.33 0.00	24.19 -2.72 0.00	16.11 -1.73 0.00	15.94 -1.51 0.00	15.14 -1.39 0.00
OLIN_CORP_DRP 24177	19.34 -1.32 0.00	20.03 -1.41 0.00	20.95 -1.20 0.00	19.76 -1.22 0.00	20.54 -1.40 0.00	18.38 -1.40 0.00	15.58 -1.16 0.00	15.72 -1.15 0.00	34.60 -2.68 0.00	15.98 -1.20 0.00	14.20 -1.19 0.00	14.90 -1.16 0.00	12.88 -1.00 0.00	14.24 -1.03 0.00	14.14 -1.15 0.00	17.90 -1.87 0.00	23.47 -2.50 0.00	34.04 -3.58 0.00	35.59 -3.91 0.00	39.90 -4.77 0.00	29.36 -3.65 0.00	23.94 -2.98 0.00	15.98 -1.87 0.00	15.81 -1.65 0.00	15.06 -1.47 0.00
OLIN_CORP_DSASP 323712	19.44 -1.22 0.00	20.13 -1.31 0.00	21.06 -1.08 0.00	19.86 -1.12 0.00	20.67 -1.28 0.00	18.48 -1.30 0.00	15.66 -1.08 0.00	15.79 -1.07 0.00	34.81 -2.47 0.00	16.07 -1.11 0.00	14.29 -1.10 0.00	15.00 -1.06 0.00	12.97 -0.91 0.00	14.34 -0.93 0.00	14.23 -1.06 0.00	18.03 -1.74 0.00	23.64 -2.33 0.00	34.24 -3.38 0.00	35.59 -3.91 0.00	39.86 -4.81 0.00	29.33 -3.69 0.00	23.91 -3.00 0.00	15.95 -1.89 0.00	15.79 -1.66 0.00	15.01 -1.52 0.00
ONEIDA_HERK_LFGE 323681	21.34 0.68 0.00	22.09 0.65 0.00	22.79 0.64 0.00	21.58 0.60 0.00	22.59 0.65 0.00	20.40 0.63 0.00	17.32 0.59 0.00	17.48 0.62 0.00	38.64 1.36 0.00	17.61 0.43 0.00	15.64 0.25 0.00	16.26 0.20 0.00	14.04 0.16 0.00	15.46 0.19 0.00	15.48 0.19 0.00	20.04 0.27 0.00	26.52 0.55 0.00	38.91 1.29 0.00	41.13 1.63 0.00	46.49 1.82 0.00	34.28 1.27 0.00	27.87 0.95 0.00	18.42 0.57 0.00	17.96 0.51 0.00	16.96 0.43 0.00
ONEIDA___115KV_TB4 55905	21.11 0.45 0.00	21.83 0.39 0.00	22.54 0.40 0.00	21.35 0.37 0.00	22.36 0.41 0.00	20.21 0.44 0.00	17.17 0.43 0.00	17.32 0.46 0.00	38.28 1.01 0.00	17.48 0.30 0.00	15.55 0.17 0.00	16.20 0.14 0.00	13.98 0.10 0.00	15.40 0.13 0.00	15.42 0.13 0.00	19.91 0.14 0.00	26.29 0.31 0.00	38.42 0.81 0.00	40.53 1.03 0.00	45.86 1.19 0.00	33.82 0.81 0.00	27.51 0.59 0.00	18.20 0.35 0.00	17.77 0.32 0.00	16.81 0.28 0.00
ONONDAGA_REF_OCCRA 23987	20.43 -0.23 0.00	21.14 -0.31 0.00	21.84 -0.31 0.00	20.68 -0.30 0.00	21.61 -0.33 0.00	19.51 -0.27 0.00	16.55 -0.19 0.00	16.70 -0.16 0.00	36.87 -0.41 0.00	16.95 -0.23 0.00	15.14 -0.25 0.00	15.82 -0.24 0.00	13.66 -0.21 0.00	15.03 -0.24 0.00	15.01 -0.28 0.00	19.34 -0.44 0.00	25.49 -0.49 0.00	36.99 -0.62 0.00	38.85 -0.65 0.00	43.94 -0.73 0.00	32.42 -0.59 0.00	26.39 -0.52 0.00	17.50 -0.35 0.00	17.12 -0.33 0.00	16.24 -0.28 0.00
ONONDAGA___COGEN 23986	20.41 -0.25 0.00	21.11 -0.33 0.00	21.82 -0.33 0.00	20.66 -0.32 0.00	21.57 -0.37 0.00	19.47 -0.30 0.00	16.52 -0.21 0.00	16.67 -0.19 0.00	36.81 -0.47 0.00	16.93 -0.25 0.00	15.13 -0.26 0.00	15.80 -0.26 0.00	13.65 -0.23 0.00	15.02 -0.26 0.00	15.00 -0.30 0.00	19.31 -0.46 0.00	25.47 -0.50 0.00	36.96 -0.65 0.00	38.80 -0.70 0.00	43.86 -0.81 0.00	32.36 -0.65 0.00	26.34 -0.57 0.00	17.46 -0.38 0.00	17.10 -0.36 0.00	16.23 -0.30 0.00
ONTARIO___LFGE 23819	20.52 -0.14 0.00	21.18 -0.26 0.00	21.94 -0.20 0.00	20.74 -0.24 0.00	21.64 -0.30 0.00	19.48 -0.30 0.00	16.55 -0.18 0.00	16.76 -0.10 0.00	37.10 -0.18 0.00	16.92 -0.26 0.00	15.01 -0.38 0.00	15.71 -0.35 0.00	13.55 -0.33 0.00	14.91 -0.36 0.00	14.88 -0.41 0.00	19.10 -0.67 0.00	25.32 -0.66 0.00	36.78 -0.83 0.00	38.73 -0.77 0.00	43.82 -0.85 0.00	32.18 -0.83 0.00	26.17 -0.74 0.00	17.29 -0.56 0.00	16.94 -0.51 0.00	16.01 -0.52 0.00
ORANGEVILLE_WT_PWR 323706	20.08 -0.58 0.00	20.74 -0.70 0.00	21.62 -0.52 0.00	20.37 -0.61 0.00	21.21 -0.73 0.00	18.99 -0.79 0.00	16.09 -0.64 0.00	16.25 -0.62 0.00	35.93 -1.35 0.00	16.39 -0.78 0.00	14.54 -0.85 0.00	15.31 -0.76 0.00	13.23 -0.65 0.00	14.60 -0.67 0.00	14.54 -0.75 0.00	18.49 -1.29 0.00	24.40 -1.57 0.00	35.34 -2.28 0.00	36.83 -2.66 0.00	41.39 -3.28 0.00	30.29 -2.72 0.00	24.61 -2.31 0.00	16.24 -1.60 0.00	16.00 -1.46 0.00	15.11 -1.42 0.00
ORANGEVILLE___ESR 323794	20.08 -0.58 0.00	20.74 -0.70 0.00	21.62 -0.52 0.00	20.37 -0.61 0.00	21.21 -0.73 0.00	18.99 -0.79 0.00	16.09 -0.64 0.00	16.25 -0.62 0.00	35.93 -1.35 0.00	16.39 -0.78 0.00	14.54 -0.85 0.00	15.31 -0.76 0.00	13.23 -0.65 0.00	14.60 -0.67 0.00	14.54 -0.75 0.00	18.49 -1.29 0.00	24.40 -1.57 0.00	35.34 -2.28 0.00	36.83 -2.66 0.00	41.39 -3.28 0.00	30.29 -2.72 0.00	24.61 -2.31 0.00	16.24 -1.60 0.00	16.00 -1.46 0.00	15.11 -1.42 0.00
OSWEGATCHIE___HYD 24044	22.14 1.48 0.00	22.93 1.49 0.00	23.65 1.50 0.00	22.40 1.42 0.00	23.42 1.48 0.00	21.12 1.34 0.00	17.95 1.22 0.00	18.11 1.24 0.00	40.00 2.72 0.00	17.96 0.79 0.00	15.80 0.41 0.00	16.35 0.29 0.00	14.09 0.21 0.00	15.52 0.25 0.00	15.51 0.21 0.00	20.23 0.46 0.00	27.10 1.13 0.00	40.38 2.76 0.00	43.08 3.59 0.00	48.63 3.96 0.00	35.78 2.77 0.00	28.94 2.03 0.00	19.05 1.21 0.00	18.52 1.07 0.00	17.43 0.90 0.00
OSWEGO___5 23606	20.08 -0.58 0.00	20.79 -0.65 0.00	21.49 -0.66 0.00	20.36 -0.62 0.00	21.27 -0.68 0.00	19.20 -0.58 0.00	16.28 -0.46 0.00	16.41 -0.45 0.00	36.20 -1.08 0.00	16.69 -0.49 0.00	14.92 -0.47 0.00	15.59 -0.47 0.00	13.47 -0.41 0.00	14.82 -0.45 0.00	14.80 -0.49 0.00	19.06 -0.71 0.00	25.08 -0.89 0.00	36.37 -1.25 0.00	38.17 -1.32 0.00	43.15 -1.52 0.00	31.87 -1.15 0.00	25.95 -0.96 0.00	17.21 -0.64 0.00	16.85 -0.60 0.00	16.00 -0.53 0.00

OSWEGO___6 23613	20.08 -0.58 0.00	20.79 -0.65 0.00	21.49 -0.66 0.00	20.36 -0.62 0.00	21.27 -0.68 0.00	19.20 -0.58 0.00	16.28 -0.46 0.00	16.41 -0.45 0.00	36.20 -1.08 0.00	16.69 -0.49 0.00	14.92 -0.47 0.00	15.59 -0.47 0.00	13.47 -0.41 0.00	14.82 -0.45 0.00	14.80 -0.49 0.00	19.06 -0.71 0.00	25.08 -0.89 0.00	36.37 -1.25 0.00	38.17 -1.32 0.00	43.15 -1.52 0.00	31.87 -1.15 0.00	25.95 -0.96 0.00	17.21 -0.64 0.00	16.85 -0.60 0.00	16.00 -0.53 0.00
OUTOKUMPU-AB___DRP 24206	19.87 -0.79 0.00	20.55 -0.89 0.00	21.47 -0.67 0.00	20.24 -0.74 0.00	21.07 -0.87 0.00	18.85 -0.93 0.00	15.97 -0.76 0.00	16.13 -0.73 0.00	35.56 -1.72 0.00	16.39 -0.79 0.00	14.57 -0.82 0.00	15.30 -0.77 0.00	13.21 -0.67 0.00	14.61 -0.66 0.00	14.51 -0.78 0.00	18.41 -1.36 0.00	24.16 -1.81 0.00	35.02 -2.60 0.00	36.55 -2.95 0.00	41.00 -3.68 0.00	30.13 -2.88 0.00	24.54 -2.37 0.00	16.34 -1.50 0.00	16.15 -1.30 0.00	15.34 -1.19 0.00
OXBOW___BTM 323836	19.69 -0.97 0.00	20.38 -1.07 0.00	21.30 -0.84 0.00	20.09 -0.89 0.00	20.90 -1.04 0.00	18.69 -1.08 0.00	15.84 -0.89 0.00	15.99 -0.87 0.00	35.25 -2.03 0.00	16.26 -0.92 0.00	14.45 -0.94 0.00	15.17 -0.88 0.00	13.11 -0.76 0.00	14.50 -0.77 0.00	14.40 -0.89 0.00	18.26 -1.51 0.00	23.95 -2.02 0.00	34.70 -2.92 0.00	36.14 -3.35 0.00	40.52 -4.15 0.00	29.79 -3.22 0.00	24.28 -2.63 0.00	16.17 -1.67 0.00	16.00 -1.45 0.00	15.20 -1.33 0.00
OXBOW___ 24026	19.69 -0.97 0.00	20.38 -1.07 0.00	21.30 -0.84 0.00	20.09 -0.89 0.00	20.91 -1.04 0.00	18.70 -1.08 0.00	15.84 -0.89 0.00	15.99 -0.87 0.00	35.25 -2.03 0.00	16.26 -0.92 0.00	14.45 -0.93 0.00	15.17 -0.88 0.00	13.11 -0.76 0.00	14.50 -0.77 0.00	14.40 -0.89 0.00	18.26 -1.51 0.00	23.96 -2.02 0.00	34.70 -2.92 0.00	36.15 -3.35 0.00	40.52 -4.15 0.00	29.80 -3.22 0.00	24.28 -2.63 0.00	16.18 -1.67 0.00	16.00 -1.45 0.00	15.20 -1.33 0.00
OXY_CHEM_DSASP 323612	19.44 -1.22 0.00	20.13 -1.31 0.00	21.06 -1.08 0.00	19.86 -1.12 0.00	20.67 -1.28 0.00	18.48 -1.29 0.00	15.66 -1.08 0.00	15.79 -1.07 0.00	34.81 -2.47 0.00	16.07 -1.11 0.00	14.29 -1.10 0.00	15.00 -1.06 0.00	12.96 -0.91 0.00	14.34 -0.93 0.00	14.23 -1.06 0.00	18.04 -1.73 0.00	23.65 -2.33 0.00	34.24 -3.38 0.00	35.58 -3.91 0.00	39.87 -4.80 0.00	29.33 -3.68 0.00	23.91 -3.00 0.00	15.95 -1.89 0.00	15.79 -1.66 0.00	15.01 -1.52 0.00
OZONE_PARK_ESR 323760	21.65 1.00 0.00	22.57 1.13 0.00	23.21 1.07 0.00	21.85 0.87 0.00	22.84 0.90 0.00	20.55 0.78 0.00	17.42 0.69 0.00	17.56 0.69 0.00	39.13 1.85 0.00	18.16 0.98 0.00	16.30 0.91 0.00	17.09 1.03 0.00	14.80 0.92 0.00	16.30 1.03 0.00	16.36 1.07 0.00	21.07 1.30 0.00	27.58 1.60 0.00	39.50 1.88 0.00	41.49 1.99 0.00	47.16 2.49 0.00	34.93 1.91 0.00	28.50 1.58 0.00	18.88 1.03 0.00	18.44 0.98 0.00	17.42 0.89 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	19.44 -1.22 0.00	20.13 -1.31 0.00	21.06 -1.08 0.00	19.86 -1.12 0.00	20.67 -1.28 0.00	18.48 -1.29 0.00	15.66 -1.08 0.00	15.79 -1.07 0.00	34.81 -2.47 0.00	16.07 -1.11 0.00	14.29 -1.10 0.00	15.00 -1.06 0.00	12.96 -0.91 0.00	14.34 -0.93 0.00	14.23 -1.06 0.00	18.04 -1.73 0.00	23.65 -2.33 0.00	34.24 -3.38 0.00	35.58 -3.91 0.00	39.87 -4.80 0.00	29.33 -3.68 0.00	23.91 -3.00 0.00	15.95 -1.89 0.00	15.79 -1.66 0.00	15.01 -1.52 0.00
PACKARD__115KV_DUPONT_184 80571	19.44 -1.22 0.00	20.13 -1.31 0.00	21.06 -1.08 0.00	19.86 -1.12 0.00	20.67 -1.28 0.00	18.48 -1.29 0.00	15.66 -1.08 0.00	15.79 -1.07 0.00	34.81 -2.47 0.00	16.07 -1.11 0.00	14.29 -1.10 0.00	15.00 -1.06 0.00	12.96 -0.91 0.00	14.34 -0.93 0.00	14.23 -1.06 0.00	18.04 -1.73 0.00	23.65 -2.33 0.00	34.24 -3.38 0.00	35.58 -3.91 0.00	39.87 -4.80 0.00	29.33 -3.68 0.00	23.91 -3.00 0.00	15.95 -1.89 0.00	15.79 -1.66 0.00	15.01 -1.52 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	21.46 0.80 0.00	22.42 0.97 0.00	23.05 0.91 0.00	21.70 0.72 0.00	22.68 0.74 0.00	20.41 0.63 0.00	17.30 0.57 0.00	17.44 0.58 0.00	38.80 1.52 0.00	18.02 0.84 0.00	16.17 0.78 0.00	16.92 0.86 0.00	14.67 0.79 0.00	16.14 0.87 0.00	16.21 0.91 0.00	20.87 1.10 0.00	27.31 1.34 0.00	39.13 1.51 0.00	41.12 1.63 0.00	46.76 2.09 0.00	34.67 1.65 0.00	28.30 1.39 0.00	18.71 0.87 0.00	18.27 0.82 0.00	17.26 0.73 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	21.46 0.80 0.00	22.43 0.99 0.00	23.06 0.91 0.00	21.71 0.73 0.00	22.68 0.74 0.00	20.41 0.63 0.00	17.31 0.58 0.00	17.47 0.61 0.00	38.84 1.56 0.00	18.08 0.90 0.00	16.18 0.80 0.00	16.96 0.90 0.00	14.69 0.81 0.00	16.14 0.87 0.00	16.21 0.91 0.00	20.87 1.10 0.00	27.31 1.34 0.00	39.14 1.52 0.00	41.16 1.67 0.00	46.91 2.24 0.00	34.80 1.79 0.00	28.41 1.49 0.00	18.75 0.91 0.00	18.30 0.85 0.00	17.28 0.75 0.00
PATROON__115KV_TB1 80586	21.26 0.61 0.00	22.12 0.67 0.00	22.78 0.64 0.00	21.58 0.60 0.00	22.64 0.70 0.00	20.40 0.63 0.00	17.29 0.56 0.00	17.44 0.57 0.00	38.60 1.32 0.00	17.77 0.59 0.00	15.93 0.54 0.00	16.60 0.55 0.00	14.36 0.48 0.00	15.79 0.52 0.00	15.87 0.58 0.00	20.52 0.75 0.00	26.93 0.96 0.00	38.91 1.30 0.00	40.81 1.31 0.00	46.17 1.50 0.00	34.16 1.15 0.00	27.87 0.95 0.00	18.48 0.63 0.00	18.05 0.60 0.00	17.08 0.55 0.00
PATTRSNVILLE___SOLAR 323815	21.30 0.65 0.00	22.14 0.69 0.00	22.83 0.69 0.00	21.62 0.64 0.00	22.62 0.68 0.00	20.38 0.60 0.00	17.31 0.58 0.00	17.44 0.57 0.00	38.52 1.24 0.00	17.53 0.36 0.00	15.65 0.27 0.00	16.29 0.24 0.00	14.10 0.22 0.00	15.50 0.23 0.00	15.59 0.30 0.00	20.25 0.47 0.00	26.63 0.66 0.00	38.90 1.28 0.00	40.96 1.46 0.00	46.33 1.66 0.00	34.24 1.23 0.00	27.88 0.97 0.00	18.47 0.62 0.00	18.04 0.59 0.00	17.06 0.53 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	20.25 -0.40 0.00	20.94 -0.50 0.00	21.86 -0.29 0.00	20.58 -0.40 0.00	21.45 -0.49 0.00	19.17 -0.61 0.00	16.26 -0.47 0.00	16.41 -0.45 0.00	36.31 -0.97 0.00	16.67 -0.51 0.00	14.84 -0.55 0.00	15.60 -0.46 0.00	13.47 -0.41 0.00	14.87 -0.40 0.00	14.80 -0.50 0.00	18.82 -0.95 0.00	24.77 -1.21 0.00	35.77 -1.85 0.00	37.41 -2.09 0.00	42.16 -2.51 0.00	30.94 -2.07 0.00	25.16 -1.75 0.00	16.70 -1.14 0.00	16.51 -0.95 0.00	15.64 -0.89 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	21.52 0.86 0.00	22.42 0.97 0.00	23.06 0.92 0.00	21.75 0.77 0.00	22.75 0.81 0.00	20.49 0.71 0.00	17.39 0.66 0.00	17.54 0.68 0.00	39.04 1.76 0.00	18.08 0.90 0.00	16.21 0.83 0.00	16.96 0.90 0.00	14.69 0.80 0.00	16.15 0.87 0.00	16.21 0.92 0.00	20.90 1.13 0.00	27.42 1.44 0.00	39.43 1.81 0.00	41.49 1.99 0.00	47.11 2.44 0.00	34.85 1.83 0.00	28.41 1.49 0.00	18.81 0.97 0.00	18.37 0.91 0.00	17.34 0.81 0.00
PEEKSKILL___ 23653	21.33 0.67 0.00	22.24 0.79 0.00	22.87 0.73 0.00	21.56 0.58 0.00	22.54 0.60 0.00	20.29 0.51 0.00	17.20 0.47 0.00	17.34 0.48 0.00	38.62 1.34 0.00	17.91 0.73 0.00	16.05 0.66 0.00	16.82 0.76 0.00	14.56 0.68 0.00	16.02 0.75 0.00	16.08 0.78 0.00	20.71 0.94 0.00	27.13 1.16 0.00	38.95 1.33 0.00	40.93 1.43 0.00	46.51 1.84 0.00	34.41 1.40 0.00	28.06 1.14 0.00	18.59 0.75 0.00	18.17 0.71 0.00	17.16 0.63 0.00

PGE MADISON___WINDPWR 24146	21.94 1.29 0.00	22.65 1.20 0.00	23.42 1.28 0.00	22.18 1.20 0.00	23.23 1.28 0.00	20.91 1.14 0.00	17.81 1.07 0.00	18.00 1.14 0.00	39.86 2.58 0.00	18.15 0.97 0.00	16.13 0.74 0.00	16.75 0.69 0.00	14.45 0.58 0.00	15.87 0.60 0.00	15.84 0.55 0.00	20.55 0.77 0.00	27.42 1.44 0.00	40.32 2.70 0.00	42.57 3.07 0.00	48.28 3.61 0.00	35.54 2.53 0.00	28.74 1.82 0.00	18.81 0.96 0.00	18.20 0.74 0.00	17.15 0.62 0.00
PIERCEFIELD___HYD 23852	22.55 1.89 0.00	23.39 1.94 0.00	24.14 2.00 0.00	22.86 1.88 0.00	23.91 1.97 0.00	21.54 1.76 0.00	18.30 1.56 0.00	18.43 1.57 0.00	40.75 3.48 0.00	18.24 1.06 0.00	16.02 0.64 0.00	16.58 0.52 0.00	14.27 0.39 0.00	15.71 0.44 0.00	15.69 0.40 0.00	20.56 0.80 0.00	27.60 1.63 0.00	41.20 3.59 0.00	44.08 4.58 0.00	49.72 5.05 0.00	36.61 3.59 0.00	29.60 2.69 0.00	19.47 1.63 0.00	18.92 1.47 0.00	17.81 1.28 0.00
PINELAWN_CC_1 323563	21.40 0.74 0.00	22.54 1.09 0.00	23.12 0.97 0.00	21.74 0.76 0.00	22.68 0.74 0.00	20.44 0.66 0.00	17.25 0.52 0.00	17.33 0.47 0.00	38.80 1.53 0.00	17.99 0.81 0.00	16.16 0.78 0.00	17.00 0.94 0.00	14.68 0.80 0.00	16.17 0.91 0.00	16.28 0.99 0.00	20.91 1.14 0.00	27.24 1.26 0.00	38.74 1.12 0.00	40.67 1.18 0.00	46.22 1.56 0.00	34.24 1.23 0.00	28.13 1.21 0.00	18.63 0.79 0.00	18.36 0.91 0.00	17.34 0.80 0.00
PJM_GEN_HTP_PROXY 323702	21.43 0.77 0.00	22.35 0.91 0.00	22.99 0.84 0.00	21.65 0.67 0.00	22.64 0.70 0.00	20.38 0.60 0.00	17.27 0.53 0.00	17.40 0.54 0.00	40.61 1.49 -1.84	17.98 0.80 0.00	16.14 0.75 0.00	16.92 0.86 0.00	14.65 0.78 0.00	16.13 0.86 0.00	16.19 0.90 0.00	20.86 1.08 0.00	27.30 1.32 0.00	38.69 1.49 0.41	41.06 1.56 0.00	46.66 1.98 0.00	34.54 1.53 0.00	27.81 1.27 0.37	18.68 0.84 0.00	18.25 0.80 0.00	16.81 0.71 0.43
PJM_GEN_KEystone 24065	20.51 -0.14 0.00	21.25 -0.19 0.00	21.99 -0.15 0.00	20.72 -0.26 0.00	9.69 -0.31 11.94	14.31 -0.36 5.10	15.41 -0.28 1.05	16.62 -0.24 0.00	39.42 -0.27 -2.41	18.28 -0.12 -1.23	14.55 -0.15 0.69	16.03 -0.03 0.00	13.86 -0.02 0.00	15.25 -0.02 0.00	15.25 -0.04 0.00	15.25 -0.23 4.29	16.19 -0.30 9.49	33.14 -0.74 3.74	36.85 -0.87 1.78	64.43 -0.75 -20.51	33.32 -0.65 -0.96	25.94 -0.60 0.37	17.43 -0.41 0.00	17.13 -0.32 0.00	14.58 -0.34 1.61
PJM_GEN_NEPTUNE_PROXY 323594	21.20 0.54 0.00	22.29 0.85 0.00	22.88 0.73 0.00	21.52 0.54 0.00	22.47 0.53 0.00	20.24 0.46 0.00	17.10 0.36 0.00	17.17 0.31 0.00	40.35 1.23 -1.84	17.86 0.68 0.00	16.04 0.65 0.00	16.87 0.81 0.00	14.58 0.70 0.01	16.05 0.78 0.01	16.13 0.84 0.00	20.81 1.03 0.00	27.16 1.19 0.00	38.34 1.14 0.41	40.76 1.26 0.00	46.30 1.63 0.00	34.31 1.29 0.00	27.67 1.13 0.37	18.55 0.71 0.00	18.15 0.70 0.00	16.71 0.61 0.43
PJM_GEN_VFT_PROXY 323633	21.41 0.75 0.00	22.33 0.88 0.00	22.96 0.82 0.00	21.62 0.64 0.00	22.60 0.66 0.00	20.33 0.56 0.00	17.23 0.49 0.00	17.37 0.51 0.00	40.56 1.44 -1.84	17.97 0.79 0.00	16.11 0.72 0.00	16.89 0.83 0.00	14.62 0.75 0.00	16.10 0.83 0.00	16.16 0.86 0.00	20.80 1.03 0.00	27.23 1.25 0.00	38.59 1.38 0.41	40.93 1.43 0.00	46.54 1.87 0.00	34.47 1.45 0.00	27.74 1.20 0.37	18.64 0.80 0.00	18.22 0.77 0.00	16.77 0.68 0.43
PLATSBURG_115KV_PMLD1 355749	21.67 1.02 0.00	22.64 1.20 0.00	23.60 1.45 0.00	22.32 1.33 0.00	23.27 1.33 0.00	20.93 1.15 0.00	17.75 1.02 0.00	17.82 0.96 0.00	39.39 2.11 0.00	18.08 0.90 0.00	16.30 0.91 0.00	16.85 0.78 0.00	14.51 0.63 0.00	15.93 0.66 0.00	16.02 0.73 0.00	20.90 1.12 0.00	27.39 1.41 0.00	39.79 2.17 0.00	41.83 2.33 0.00	47.29 2.62 0.00	34.91 1.90 0.00	28.29 1.37 0.00	18.72 0.88 0.00	18.33 0.87 0.00	17.25 0.72 0.00
PLEASANTVLY___LBMP 24000	21.25 0.59 0.00	22.15 0.71 0.00	22.80 0.65 0.00	21.51 0.53 0.00	22.49 0.55 0.00	20.26 0.48 0.00	17.19 0.45 0.00	17.32 0.46 0.00	38.53 1.25 0.00	17.83 0.65 0.00	16.00 0.62 0.00	16.74 0.68 0.00	14.50 0.62 0.00	15.94 0.67 0.00	16.00 0.71 0.00	20.63 0.86 0.00	27.03 1.06 0.00	38.84 1.22 0.00	40.81 1.31 0.00	46.33 1.66 0.00	34.29 1.27 0.00	27.96 1.04 0.00	18.53 0.69 0.00	18.11 0.66 0.00	17.11 0.58 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	21.39 0.73 0.00	22.29 0.85 0.00	22.94 0.79 0.00	21.62 0.64 0.00	22.60 0.66 0.00	20.35 0.58 0.00	17.25 0.52 0.00	17.40 0.53 0.00	38.74 1.46 0.00	17.94 0.77 0.00	16.11 0.72 0.00	16.87 0.81 0.00	14.60 0.72 0.00	16.07 0.79 0.00	16.13 0.84 0.00	20.79 1.01 0.00	27.22 1.24 0.00	39.06 1.44 0.00	41.04 1.55 0.00	46.63 1.96 0.00	34.52 1.51 0.00	28.16 1.24 0.00	18.65 0.81 0.00	18.23 0.78 0.00	17.21 0.68 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	21.39 0.73 0.00	22.29 0.85 0.00	22.94 0.79 0.00	21.62 0.64 0.00	22.60 0.66 0.00	20.35 0.58 0.00	17.25 0.52 0.00	17.40 0.53 0.00	38.74 1.46 0.00	17.94 0.77 0.00	16.11 0.72 0.00	16.87 0.81 0.00	14.60 0.72 0.00	16.07 0.79 0.00	16.13 0.84 0.00	20.79 1.01 0.00	27.22 1.24 0.00	39.06 1.44 0.00	41.04 1.55 0.00	46.63 1.96 0.00	34.52 1.51 0.00	28.16 1.24 0.00	18.65 0.81 0.00	18.23 0.78 0.00	17.21 0.68 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	21.40 0.74 0.00	22.29 0.85 0.00	22.94 0.80 0.00	21.65 0.67 0.00	22.65 0.70 0.00	20.40 0.63 0.00	17.32 0.59 0.00	17.47 0.60 0.00	38.83 1.55 0.00	17.95 0.78 0.00	16.10 0.72 0.00	16.83 0.77 0.00	14.57 0.69 0.00	16.01 0.75 0.00	16.08 0.79 0.00	20.75 0.98 0.00	27.23 1.26 0.00	39.21 1.59 0.00	41.24 1.74 0.00	46.80 2.13 0.00	34.62 1.61 0.00	28.22 1.31 0.00	18.69 0.85 0.00	18.25 0.80 0.00	17.24 0.71 0.00
POLETTI___ 23519	21.44 0.78 0.00	22.36 0.92 0.00	23.01 0.86 0.00	21.66 0.68 0.00	22.65 0.70 0.00	20.38 0.60 0.00	17.27 0.53 0.00	17.40 0.54 0.00	38.76 1.47 0.00	17.99 0.81 0.00	16.14 0.75 0.00	16.94 0.88 0.00	14.66 0.79 0.00	16.16 0.89 0.00	16.22 0.93 0.00	20.89 1.11 0.00	27.30 1.33 0.00	39.08 1.47 0.00	41.03 1.53 0.00	46.64 1.96 0.00	34.53 1.52 0.00	28.18 1.27 0.00	18.68 0.84 0.00	18.25 0.80 0.00	17.26 0.73 0.00
POMONA___ESR 323819	21.34 0.69 0.00	22.25 0.80 0.00	22.88 0.74 0.00	21.56 0.58 0.00	22.54 0.59 0.00	20.28 0.51 0.00	17.19 0.46 0.00	17.34 0.47 0.00	38.63 1.35 0.00	17.91 0.73 0.00	16.05 0.66 0.00	16.82 0.76 0.00	14.55 0.68 0.00	16.01 0.74 0.00	16.07 0.78 0.00	20.71 0.93 0.00	27.13 1.16 0.00	38.96 1.34 0.00	40.94 1.44 0.00	46.54 1.87 0.00	34.43 1.42 0.00	28.05 1.14 0.00	18.59 0.74 0.00	18.17 0.71 0.00	17.15 0.63 0.00
PORT_JEFF_3 23555	21.45 0.79 0.00	22.62 1.18 0.00	23.21 1.06 0.00	21.79 0.81 0.00	22.72 0.78 0.00	20.49 0.72 0.00	17.30 0.57 0.00	17.38 0.52 0.00	38.92 1.64 0.00	18.07 0.89 0.00	16.22 0.84 0.00	17.05 0.99 0.00	14.71 0.83 0.00	16.22 0.96 0.00	16.34 1.05 0.00	21.09 1.32 0.00	27.57 1.60 0.00	39.29 1.67 0.00	41.39 1.90 0.00	47.00 2.32 0.00	34.81 1.80 0.00	28.51 1.59 0.00	18.84 1.00 0.00	18.44 0.99 0.00	17.40 0.87 0.00

PORT_JEFF_4 23616	21.45 0.79 0.00	22.62 1.18 0.00	23.21 1.06 0.00	21.79 0.81 0.00	22.72 0.78 0.00	20.49 0.72 0.00	17.30 0.57 0.00	17.38 0.52 0.00	38.92 1.64 0.00	18.07 0.89 0.00	16.22 0.84 0.00	17.05 0.99 0.00	14.71 0.83 0.00	16.22 0.96 0.00	16.34 1.05 0.00	21.09 1.32 0.00	27.57 1.60 0.00	39.29 1.67 0.00	41.39 1.90 0.00	47.00 2.32 0.00	34.81 1.80 0.00	28.51 1.59 0.00	18.84 1.00 0.00	18.44 0.99 0.00	17.40 0.87 0.00
PORT_JEFF_IC 23713	21.46 0.80 0.00	22.62 1.18 0.00	23.21 1.07 0.00	21.80 0.82 0.00	22.74 0.80 0.00	20.49 0.72 0.00	17.31 0.57 0.00	17.38 0.52 0.00	38.93 1.65 0.00	18.08 0.90 0.00	16.23 0.84 0.00	17.06 1.00 0.00	14.71 0.84 0.00	16.24 0.97 0.00	16.35 1.06 0.00	21.11 1.34 0.00	27.58 1.61 0.00	39.32 1.70 0.00	41.44 1.95 0.00	47.04 2.37 0.00	34.84 1.83 0.00	28.54 1.62 0.00	18.86 1.02 0.00	18.45 1.00 0.00	17.41 0.88 0.00
PPL_PILGRIM_ST_GT1 24216	21.48 0.82 0.00	22.65 1.20 0.00	23.25 1.11 0.00	21.85 0.87 0.00	22.79 0.85 0.00	20.53 0.76 0.00	17.32 0.59 0.00	17.40 0.54 0.00	38.98 1.70 0.00	18.09 0.91 0.00	16.26 0.87 0.00	17.11 1.05 0.00	14.76 0.89 0.00	16.28 1.01 0.00	16.39 1.10 0.00	21.15 1.38 0.00	27.62 1.65 0.00	39.34 1.72 0.00	41.31 1.82 0.00	46.89 2.22 0.00	34.77 1.76 0.00	28.54 1.62 0.00	18.86 1.01 0.00	18.45 1.00 0.00	17.42 0.89 0.00
PPL_PILGRIM_ST_GT2 24217	21.48 0.82 0.00	22.65 1.20 0.00	23.25 1.11 0.00	21.85 0.87 0.00	22.79 0.85 0.00	20.53 0.76 0.00	17.32 0.59 0.00	17.40 0.54 0.00	38.98 1.70 0.00	18.09 0.91 0.00	16.26 0.87 0.00	17.11 1.05 0.00	14.76 0.89 0.00	16.28 1.01 0.00	16.39 1.10 0.00	21.15 1.38 0.00	27.62 1.65 0.00	39.34 1.72 0.00	41.31 1.82 0.00	46.89 2.22 0.00	34.77 1.76 0.00	28.54 1.62 0.00	18.86 1.01 0.00	18.45 1.00 0.00	17.42 0.89 0.00
PPL_SHRM_GT3 24213	21.53 0.87 0.00	22.72 1.28 0.00	23.29 1.15 0.00	21.85 0.87 0.00	22.76 0.81 0.00	20.53 0.76 0.00	17.35 0.62 0.00	17.44 0.57 0.00	39.04 1.76 0.00	18.15 0.97 0.00	16.28 0.89 0.00	17.09 1.02 0.00	14.73 0.86 0.00	16.26 0.99 0.00	16.39 1.10 0.00	21.17 1.40 0.00	27.73 1.75 0.00	39.60 1.98 0.00	41.78 2.28 0.00	47.39 2.72 0.00	35.11 2.09 0.00	28.74 1.82 0.00	18.99 1.14 0.00	18.59 1.14 0.00	17.51 0.98 0.00
PPL_SHRM_GT4 24214	21.53 0.87 0.00	22.72 1.28 0.00	23.29 1.15 0.00	21.85 0.87 0.00	22.76 0.81 0.00	20.53 0.76 0.00	17.35 0.62 0.00	17.44 0.57 0.00	39.04 1.76 0.00	18.15 0.97 0.00	16.28 0.89 0.00	17.09 1.02 0.00	14.73 0.86 0.00	16.26 0.99 0.00	16.39 1.10 0.00	21.17 1.40 0.00	27.73 1.75 0.00	39.60 1.98 0.00	41.78 2.28 0.00	47.39 2.72 0.00	35.11 2.09 0.00	28.74 1.82 0.00	18.99 1.14 0.00	18.59 1.14 0.00	17.51 0.98 0.00
PROJECT___ORANGE 1 24174	20.30 -0.36 0.00	21.00 -0.44 0.00	21.71 -0.44 0.00	20.56 -0.42 0.00	21.48 -0.46 0.00	19.39 -0.38 0.00	16.45 -0.28 0.00	16.59 -0.27 0.00	36.61 -0.67 0.00	16.85 -0.33 0.00	15.06 -0.33 0.00	15.74 -0.32 0.00	13.60 -0.28 0.00	14.96 -0.30 0.00	14.94 -0.35 0.00	19.23 -0.54 0.00	25.33 -0.64 0.00	36.73 -0.88 0.00	38.56 -0.94 0.00	43.59 -1.08 0.00	32.17 -0.84 0.00	26.20 -0.72 0.00	17.38 -0.46 0.00	17.01 -0.44 0.00	16.15 -0.38 0.00
PROJECT___ORANGE 2 24166	20.30 -0.36 0.00	21.00 -0.44 0.00	21.71 -0.44 0.00	20.56 -0.42 0.00	21.48 -0.46 0.00	19.39 -0.38 0.00	16.45 -0.28 0.00	16.59 -0.27 0.00	36.61 -0.67 0.00	16.85 -0.33 0.00	15.06 -0.33 0.00	15.74 -0.32 0.00	13.60 -0.28 0.00	14.96 -0.30 0.00	14.94 -0.35 0.00	19.23 -0.54 0.00	25.33 -0.64 0.00	36.73 -0.88 0.00	38.56 -0.94 0.00	43.59 -1.08 0.00	32.17 -0.84 0.00	26.20 -0.72 0.00	17.38 -0.46 0.00	17.01 -0.44 0.00	16.15 -0.38 0.00
PUCKETT___SOLAR 323809	20.79 0.13 0.00	21.47 0.03 0.00	22.23 0.09 0.00	21.03 0.05 0.00	22.00 0.05 0.00	19.80 0.03 0.00	16.82 0.08 0.00	16.99 0.12 0.00	37.61 0.34 0.00	17.25 0.07 0.00	15.42 0.03 0.00	16.08 0.01 0.00	13.86 -0.02 0.00	15.23 -0.04 0.00	15.22 -0.07 0.00	19.64 -0.13 0.00	25.98 0.01 0.00	37.75 0.13 0.00	39.65 0.16 0.00	45.03 0.36 0.00	33.18 0.16 0.00	26.95 0.03 0.00	17.76 -0.08 0.00	17.31 -0.13 0.00	16.37 -0.16 0.00
PYRITES___HYD 24023	23.12 2.47 0.00	23.96 2.51 0.00	24.72 2.58 0.00	23.41 2.43 0.00	24.49 2.55 0.00	22.05 2.28 0.00	18.76 2.03 0.00	18.91 2.05 0.00	41.81 4.53 0.00	18.50 1.32 0.00	16.15 0.76 0.00	16.69 0.63 0.00	14.36 0.49 0.00	15.82 0.55 0.00	15.80 0.51 0.00	20.80 1.02 0.00	28.08 2.11 0.00	42.27 4.66 0.00	45.47 5.97 0.00	51.28 6.61 0.00	37.75 4.74 0.00	30.48 3.56 0.00	20.01 2.17 0.00	19.42 1.97 0.00	18.26 1.73 0.00
QUAKERRD_115KV_BK1 80622	19.69 -0.97 0.00	20.37 -1.07 0.00	21.15 -0.99 0.00	20.00 -0.98 0.00	20.85 -1.09 0.00	18.76 -1.01 0.00	15.91 -0.82 0.00	16.06 -0.80 0.00	35.45 -1.83 0.00	16.31 -0.87 0.00	14.53 -0.85 0.00	15.20 -0.86 0.00	13.13 -0.74 0.00	14.48 -0.79 0.00	14.43 -0.86 0.00	18.49 -1.28 0.00	24.39 -1.58 0.00	35.43 -2.19 0.00	37.17 -2.32 0.00	41.86 -2.82 0.00	30.83 -2.18 0.00	25.11 -1.81 0.00	16.65 -1.19 0.00	16.35 -1.10 0.00	15.52 -1.01 0.00
QUEENSBRY_115KV_TB8 356137	21.50 0.84 0.00	22.36 0.91 0.00	23.05 0.91 0.00	21.91 0.93 0.00	22.92 0.97 0.00	20.67 0.90 0.00	17.63 0.89 0.00	17.77 0.91 0.00	39.31 2.03 0.00	17.93 0.75 0.00	16.05 0.66 0.00	16.62 0.56 0.00	14.40 0.53 0.00	15.81 0.54 0.00	15.95 0.66 0.00	20.62 0.85 0.00	27.31 1.34 0.00	39.73 2.11 0.00	41.86 2.37 0.00	47.41 2.74 0.00	35.05 2.04 0.00	28.43 1.52 0.00	18.81 0.96 0.00	18.42 0.97 0.00	17.41 0.88 0.00
RAMAPO___LBMP 323565	21.27 0.62 0.00	22.17 0.73 0.00	22.81 0.67 0.00	21.49 0.51 0.00	22.47 0.53 0.00	20.22 0.45 0.00	17.14 0.41 0.00	17.29 0.42 0.00	38.51 1.24 0.00	17.86 0.68 0.00	16.00 0.61 0.00	16.76 0.70 0.00	14.50 0.62 0.00	15.95 0.68 0.00	16.01 0.72 0.00	20.63 0.85 0.00	27.02 1.05 0.00	38.81 1.19 0.00	40.79 1.29 0.00	46.37 1.70 0.00	34.31 1.30 0.00	27.95 1.03 0.00	18.52 0.68 0.00	18.11 0.66 0.00	17.10 0.57 0.00
RANKINE____ 23646	20.05 -0.61 0.00	20.72 -0.72 0.00	21.64 -0.50 0.00	20.39 -0.59 0.00	21.24 -0.71 0.00	18.99 -0.79 0.00	16.09 -0.65 0.00	16.24 -0.62 0.00	35.89 -1.39 0.00	16.49 -0.68 0.00	14.68 -0.71 0.00	15.43 -0.63 0.00	13.33 -0.55 0.00	14.72 -0.55 0.00	14.64 -0.65 0.00	18.59 -1.18 0.00	24.45 -1.53 0.00	35.36 -2.26 0.00	36.94 -2.56 0.00	41.54 -3.13 0.00	30.49 -2.52 0.00	24.79 -2.12 0.00	16.46 -1.38 0.00	16.27 -1.18 0.00	15.43 -1.10 0.00
RAVENSWOOD_GT2_1 24244	21.47 0.82 0.00	22.40 0.96 0.00	23.05 0.90 0.00	21.71 0.72 0.00	22.69 0.75 0.00	20.42 0.64 0.00	17.30 0.57 0.00	17.44 0.58 0.00	38.85 1.57 0.00	18.03 0.85 0.00	16.17 0.79 0.00	16.96 0.90 0.00	14.69 0.81 0.00	16.17 0.90 0.00	16.23 0.94 0.00	20.90 1.13 0.00	27.34 1.37 0.00	39.16 1.55 0.00	41.11 1.62 0.00	46.73 2.06 0.00	34.60 1.59 0.00	28.25 1.33 0.00	18.72 0.87 0.00	18.29 0.83 0.00	17.28 0.75 0.00

RAVENSWOOD_GT2_2 24245	21.47 0.82 0.00	22.40 0.96 0.00	23.05 0.90 0.00	21.71 0.72 0.00	22.69 0.75 0.00	20.42 0.64 0.00	17.30 0.57 0.00	17.44 0.58 0.00	38.85 1.57 0.00	18.03 0.85 0.00	16.17 0.79 0.00	16.96 0.90 0.00	14.69 0.81 0.00	16.17 0.90 0.00	16.23 0.94 0.00	20.90 1.13 0.00	27.34 1.37 0.00	39.16 1.55 0.00	41.11 1.62 0.00	46.73 2.06 0.00	34.60 1.59 0.00	28.25 1.33 0.00	18.72 0.87 0.00	18.29 0.83 0.00	17.28 0.75 0.00
RAVENSWOOD_GT2_3 24246	21.49 0.83 0.00	22.41 0.97 0.00	23.05 0.91 0.00	21.72 0.74 0.00	22.69 0.75 0.00	20.42 0.65 0.00	17.31 0.58 0.00	17.45 0.58 0.00	38.86 1.58 0.00	18.03 0.85 0.00	16.18 0.80 0.00	16.97 0.90 0.00	14.69 0.81 0.00	16.18 0.91 0.00	16.24 0.95 0.00	20.91 1.14 0.00	27.35 1.38 0.00	39.19 1.57 0.00	41.13 1.64 0.00	46.76 2.08 0.00	34.62 1.61 0.00	28.26 1.35 0.00	18.72 0.88 0.00	18.29 0.84 0.00	17.29 0.76 0.00
RAVENSWOOD_GT2_4 24247	21.49 0.83 0.00	22.41 0.97 0.00	23.05 0.91 0.00	21.72 0.74 0.00	22.69 0.75 0.00	20.42 0.65 0.00	17.31 0.58 0.00	17.45 0.58 0.00	38.86 1.58 0.00	18.03 0.85 0.00	16.18 0.80 0.00	16.97 0.90 0.00	14.69 0.81 0.00	16.18 0.91 0.00	16.24 0.95 0.00	20.91 1.14 0.00	27.35 1.38 0.00	39.19 1.57 0.00	41.13 1.64 0.00	46.76 2.08 0.00	34.62 1.61 0.00	28.26 1.35 0.00	18.72 0.88 0.00	18.29 0.84 0.00	17.29 0.76 0.00
RAVENSWOOD_GT3_1 24248	21.48 0.82 0.00	22.41 0.96 0.00	23.05 0.91 0.00	21.71 0.72 0.00	22.69 0.75 0.00	20.42 0.64 0.00	17.31 0.57 0.00	17.44 0.58 0.00	38.85 1.57 0.00	18.03 0.85 0.00	16.17 0.79 0.00	16.96 0.90 0.00	14.69 0.81 0.00	16.17 0.90 0.00	16.23 0.94 0.00	20.90 1.13 0.00	27.34 1.37 0.00	39.17 1.55 0.00	41.12 1.62 0.00	46.73 2.06 0.00	34.60 1.59 0.00	28.25 1.33 0.00	18.72 0.87 0.00	18.29 0.83 0.00	17.28 0.75 0.00
RAVENSWOOD_GT3_2 24249	21.48 0.82 0.00	22.41 0.96 0.00	23.05 0.91 0.00	21.71 0.72 0.00	22.69 0.75 0.00	20.42 0.64 0.00	17.31 0.57 0.00	17.44 0.58 0.00	38.85 1.57 0.00	18.03 0.85 0.00	16.17 0.79 0.00	16.96 0.90 0.00	14.69 0.81 0.00	16.17 0.90 0.00	16.23 0.94 0.00	20.90 1.13 0.00	27.34 1.37 0.00	39.17 1.55 0.00	41.12 1.62 0.00	46.73 2.06 0.00	34.60 1.59 0.00	28.25 1.33 0.00	18.72 0.87 0.00	18.29 0.83 0.00	17.28 0.75 0.00
RAVENSWOOD_GT3_3 24250	21.51 0.85 0.00	22.43 0.99 0.00	23.07 0.93 0.00	21.74 0.76 0.00	22.71 0.77 0.00	20.44 0.67 0.00	17.33 0.59 0.00	17.46 0.60 0.00	38.90 1.62 0.00	18.05 0.87 0.00	16.20 0.81 0.00	16.98 0.92 0.00	14.71 0.83 0.00	16.19 0.92 0.00	16.26 0.97 0.00	20.93 1.16 0.00	27.38 1.41 0.00	39.23 1.61 0.00	41.18 1.69 0.00	46.81 2.13 0.00	34.66 1.65 0.00	28.29 1.37 0.00	18.74 0.90 0.00	18.31 0.86 0.00	17.30 0.77 0.00
RAVENSWOOD_GT3_4 24251	21.51 0.85 0.00	22.43 0.99 0.00	23.07 0.93 0.00	21.74 0.76 0.00	22.71 0.77 0.00	20.44 0.67 0.00	17.33 0.59 0.00	17.46 0.60 0.00	38.90 1.62 0.00	18.05 0.87 0.00	16.20 0.81 0.00	16.98 0.92 0.00	14.71 0.83 0.00	16.19 0.92 0.00	16.26 0.97 0.00	20.93 1.16 0.00	27.38 1.41 0.00	39.23 1.61 0.00	41.18 1.69 0.00	46.81 2.13 0.00	34.66 1.65 0.00	28.29 1.37 0.00	18.74 0.90 0.00	18.31 0.86 0.00	17.30 0.77 0.00
RAVENSWOOD_GT_1 23729	21.50 0.84 0.00	22.44 0.99 0.00	23.09 0.94 0.00	21.74 0.76 0.00	22.72 0.77 0.00	20.44 0.67 0.00	17.33 0.59 0.00	17.46 0.60 0.00	38.87 1.59 0.00	18.05 0.87 0.00	16.21 0.82 0.00	16.99 0.93 0.00	14.72 0.84 0.00	16.20 0.93 0.00	16.27 0.97 0.00	20.94 1.17 0.00	27.37 1.40 0.00	39.15 1.53 0.00	41.10 1.61 0.00	46.72 2.05 0.00	34.62 1.61 0.00	28.29 1.37 0.00	18.74 0.90 0.00	18.31 0.86 0.00	17.30 0.77 0.00
RAVENSWOOD_GT_10 24258	21.48 0.82 0.00	22.41 0.96 0.00	23.05 0.91 0.00	21.71 0.72 0.00	22.69 0.75 0.00	20.42 0.64 0.00	17.31 0.57 0.00	17.44 0.58 0.00	38.85 1.57 0.00	18.03 0.85 0.00	16.17 0.79 0.00	16.96 0.90 0.00	14.69 0.81 0.00	16.17 0.90 0.00	16.23 0.94 0.00	20.90 1.13 0.00	27.35 1.38 0.00	39.17 1.55 0.00	41.12 1.63 0.00	46.73 2.06 0.00	34.60 1.59 0.00	28.25 1.34 0.00	18.72 0.87 0.00	18.29 0.83 0.00	17.28 0.75 0.00
RAVENSWOOD_GT_11 24259	21.48 0.82 0.00	22.41 0.96 0.00	23.05 0.91 0.00	21.71 0.72 0.00	22.69 0.75 0.00	20.42 0.64 0.00	17.31 0.57 0.00	17.44 0.58 0.00	38.85 1.57 0.00	18.03 0.85 0.00	16.17 0.79 0.00	16.96 0.90 0.00	14.69 0.81 0.00	16.17 0.90 0.00	16.23 0.94 0.00	20.90 1.13 0.00	27.35 1.38 0.00	39.17 1.55 0.00	41.12 1.63 0.00	46.73 2.06 0.00	34.60 1.59 0.00	28.25 1.34 0.00	18.72 0.87 0.00	18.29 0.83 0.00	17.28 0.75 0.00
RAVENSWOOD_GT_4 24252	21.48 0.82 0.00	22.41 0.97 0.00	23.05 0.91 0.00	21.72 0.73 0.00	22.69 0.75 0.00	20.42 0.65 0.00	17.31 0.58 0.00	17.44 0.58 0.00	38.86 1.58 0.00	18.03 0.85 0.00	16.17 0.79 0.00	16.96 0.90 0.00	14.69 0.81 0.00	16.17 0.90 0.00	16.23 0.94 0.00	20.90 1.13 0.00	27.35 1.38 0.00	39.19 1.57 0.00	41.13 1.64 0.00	46.75 2.08 0.00	34.61 1.60 0.00	28.25 1.34 0.00	18.72 0.87 0.00	18.29 0.84 0.00	17.29 0.76 0.00
RAVENSWOOD_GT_5 24254	21.48 0.82 0.00	22.41 0.97 0.00	23.05 0.91 0.00	21.72 0.73 0.00	22.69 0.75 0.00	20.42 0.65 0.00	17.31 0.58 0.00	17.44 0.58 0.00	38.86 1.58 0.00	18.03 0.85 0.00	16.17 0.79 0.00	16.96 0.90 0.00	14.69 0.81 0.00	16.17 0.90 0.00	16.23 0.94 0.00	20.90 1.13 0.00	27.35 1.38 0.00	39.19 1.57 0.00	41.13 1.64 0.00	46.75 2.08 0.00	34.61 1.60 0.00	28.25 1.34 0.00	18.72 0.87 0.00	18.29 0.84 0.00	17.29 0.76 0.00
RAVENSWOOD_GT_6 24253	21.48 0.82 0.00	22.41 0.97 0.00	23.05 0.91 0.00	21.72 0.73 0.00	22.69 0.75 0.00	20.42 0.65 0.00	17.31 0.58 0.00	17.44 0.58 0.00	38.86 1.58 0.00	18.03 0.85 0.00	16.17 0.79 0.00	16.96 0.90 0.00	14.69 0.81 0.00	16.17 0.90 0.00	16.23 0.94 0.00	20.90 1.13 0.00	27.35 1.38 0.00	39.19 1.57 0.00	41.13 1.64 0.00	46.75 2.08 0.00	34.61 1.60 0.00	28.25 1.34 0.00	18.72 0.87 0.00	18.29 0.84 0.00	17.29 0.76 0.00
RAVENSWOOD_GT_7 24255	21.48 0.82 0.00	22.41 0.97 0.00	23.05 0.91 0.00	21.72 0.73 0.00	22.69 0.75 0.00	20.42 0.65 0.00	17.31 0.58 0.00	17.44 0.58 0.00	38.86 1.58 0.00	18.03 0.85 0.00	16.17 0.79 0.00	16.96 0.90 0.00	14.69 0.81 0.00	16.17 0.90 0.00	16.23 0.94 0.00	20.90 1.13 0.00	27.35 1.38 0.00	39.19 1.57 0.00	41.13 1.64 0.00	46.75 2.08 0.00	34.61 1.60 0.00	28.25 1.34 0.00	18.72 0.87 0.00	18.29 0.84 0.00	17.29 0.76 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	21.48 0.82 0.00	22.41 0.96 0.00	23.05 0.91 0.00	21.71 0.72 0.00	22.69 0.75 0.00	20.42 0.64 0.00	17.31 0.57 0.00	17.44 0.58 0.00	38.85 1.57 0.00	18.03 0.85 0.00	16.17 0.79 0.00	16.96 0.90 0.00	14.69 0.81 0.00	16.17 0.90 0.00	16.23 0.94 0.00	20.90 1.13 0.00	27.35 1.38 0.00	39.17 1.55 0.00	41.12 1.63 0.00	46.73 2.06 0.00	34.60 1.59 0.00	28.25 1.34 0.00	18.72 0.87 0.00	18.29 0.83 0.00	17.28 0.75 0.00

RAVENSWOOD_GT_9 24257	21.48 0.82 0.00	22.41 0.96 0.00	23.05 0.91 0.00	21.71 0.72 0.00	22.69 0.75 0.00	20.42 0.64 0.00	17.31 0.57 0.00	17.44 0.58 0.00	38.85 1.57 0.00	18.03 0.85 0.00	16.17 0.79 0.00	16.96 0.90 0.00	14.69 0.81 0.00	16.17 0.90 0.00	16.23 0.94 0.00	20.90 1.13 0.00	27.35 1.38 0.00	39.17 1.55 0.00	41.12 1.63 0.00	46.73 2.06 0.00	34.60 1.59 0.00	28.25 1.34 0.00	18.72 0.87 0.00	18.29 0.83 0.00	17.28 0.75 0.00
RAVENSWOOD___1 23533	21.47 0.81 0.00	22.41 0.96 0.00	23.05 0.91 0.00	21.70 0.72 0.00	22.69 0.75 0.00	20.42 0.64 0.00	17.30 0.57 0.00	17.43 0.57 0.00	38.80 1.52 0.00	18.02 0.85 0.00	16.18 0.79 0.00	16.96 0.90 0.00	14.70 0.82 0.00	16.17 0.90 0.00	16.24 0.95 0.00	20.90 1.13 0.00	27.33 1.36 0.00	39.12 1.50 0.00	41.07 1.58 0.00	46.68 2.01 0.00	34.60 1.59 0.00	28.26 1.34 0.00	18.72 0.87 0.00	18.28 0.83 0.00	17.28 0.74 0.00
RAVENSWOOD___2 23534	21.47 0.81 0.00	22.41 0.96 0.00	23.05 0.91 0.00	21.70 0.72 0.00	22.69 0.75 0.00	20.42 0.64 0.00	17.30 0.57 0.00	17.43 0.57 0.00	38.80 1.52 0.00	18.02 0.85 0.00	16.18 0.79 0.00	16.96 0.90 0.00	14.70 0.82 0.00	16.17 0.90 0.00	16.24 0.95 0.00	20.90 1.13 0.00	27.33 1.36 0.00	39.12 1.50 0.00	41.07 1.58 0.00	46.68 2.01 0.00	34.60 1.59 0.00	28.26 1.34 0.00	18.72 0.87 0.00	18.28 0.83 0.00	17.28 0.74 0.00
RAVENSWOOD___3 23535	21.48 0.82 0.00	22.41 0.96 0.00	23.05 0.91 0.00	21.71 0.73 0.00	22.69 0.75 0.00	20.42 0.64 0.00	17.30 0.57 0.00	17.44 0.58 0.00	38.85 1.57 0.00	18.03 0.85 0.00	16.17 0.79 0.00	16.96 0.90 0.00	14.69 0.81 0.00	16.17 0.90 0.00	16.23 0.94 0.00	20.90 1.13 0.00	27.35 1.38 0.00	39.17 1.55 0.00	41.13 1.63 0.00	46.73 2.06 0.00	34.61 1.60 0.00	28.25 1.34 0.00	18.72 0.87 0.00	18.29 0.83 0.00	17.28 0.75 0.00
RAVENSWOOD___4 23820	21.47 0.81 0.00	22.41 0.96 0.00	23.05 0.91 0.00	21.70 0.72 0.00	22.69 0.75 0.00	20.42 0.64 0.00	17.30 0.57 0.00	17.43 0.57 0.00	38.80 1.52 0.00	18.02 0.85 0.00	16.18 0.79 0.00	16.96 0.90 0.00	14.70 0.82 0.00	16.17 0.90 0.00	16.24 0.95 0.00	20.90 1.13 0.00	27.33 1.36 0.00	39.12 1.50 0.00	41.07 1.58 0.00	46.68 2.01 0.00	34.60 1.59 0.00	28.26 1.34 0.00	18.72 0.87 0.00	18.28 0.83 0.00	17.28 0.74 0.00
RCPL_TRUST___DRP 24196	21.46 0.80 0.00	22.37 0.93 0.00	23.02 0.87 0.00	21.68 0.70 0.00	22.67 0.72 0.00	20.40 0.63 0.00	17.29 0.56 0.00	17.42 0.56 0.00	38.82 1.54 0.00	18.01 0.83 0.00	16.16 0.77 0.00	16.94 0.89 0.00	14.68 0.80 0.00	16.16 0.89 0.00	16.22 0.93 0.00	20.89 1.11 0.00	27.33 1.36 0.00	39.16 1.55 0.00	41.11 1.61 0.00	46.70 2.03 0.00	34.58 1.57 0.00	28.23 1.31 0.00	18.70 0.86 0.00	18.27 0.82 0.00	17.27 0.74 0.00
RED___ROCHESTER 323720	20.14 -0.51 0.00	20.83 -0.62 0.00	21.65 -0.50 0.00	20.45 -0.53 0.00	21.33 -0.61 0.00	19.16 -0.62 0.00	16.25 -0.48 0.00	16.41 -0.45 0.00	36.23 -1.05 0.00	16.66 -0.52 0.00	14.82 -0.56 0.00	15.52 -0.54 0.00	13.42 -0.46 0.00	14.80 -0.47 0.00	14.74 -0.55 0.00	18.87 -0.91 0.00	24.89 -1.09 0.00	36.19 -1.42 0.00	37.98 -1.52 0.00	42.75 -1.92 0.00	31.47 -1.54 0.00	25.62 -1.29 0.00	16.99 -0.85 0.00	16.70 -0.75 0.00	15.83 -0.70 0.00
REGAN___SOLAR 323812	21.82 1.17 0.00	22.65 1.20 0.00	23.37 1.23 0.00	22.12 1.14 0.00	23.14 1.19 0.00	20.83 1.06 0.00	17.70 0.97 0.00	17.83 0.97 0.00	39.26 1.99 0.00	17.54 0.36 0.00	15.49 0.10 0.00	16.13 0.07 0.00	13.96 0.08 0.00	15.36 0.09 0.00	15.48 0.19 0.00	20.20 0.43 0.00	26.71 0.74 0.00	39.83 2.22 0.00	42.18 2.69 0.00	47.70 3.03 0.00	35.20 2.18 0.00	28.60 1.68 0.00	18.89 1.05 0.00	18.41 0.96 0.00	17.39 0.86 0.00
RENSSELAER___COGEN 23796	21.16 0.50 0.00	22.01 0.56 0.00	22.68 0.53 0.00	21.48 0.50 0.00	22.54 0.60 0.00	20.32 0.55 0.00	17.22 0.49 0.00	17.36 0.50 0.00	38.44 1.16 0.00	17.69 0.52 0.00	15.86 0.47 0.00	16.54 0.48 0.00	14.30 0.43 0.00	15.73 0.46 0.00	15.80 0.50 0.00	20.42 0.65 0.00	26.78 0.81 0.00	38.68 1.06 0.00	40.57 1.08 0.00	45.90 1.23 0.00	33.97 0.95 0.00	27.73 0.81 0.00	18.38 0.54 0.00	17.97 0.52 0.00	17.00 0.47 0.00
REPUBLIC_115KV_BARTNBRK 55605	22.49 1.83 0.00	23.42 1.98 0.00	24.22 2.08 0.00	23.12 2.14 0.00	24.09 2.15 0.00	21.77 2.00 0.00	18.72 1.99 0.00	18.87 2.00 0.00	41.64 4.36 0.00	18.77 1.59 0.00	16.82 1.44 0.00	17.26 1.20 0.00	14.99 1.11 0.00	16.49 1.22 0.00	16.75 1.46 0.00	21.57 1.80 0.00	28.99 3.01 0.00	42.20 4.58 0.00	44.70 5.20 0.00	50.74 6.07 0.00	37.47 4.45 0.00	30.17 3.25 0.00	19.88 2.03 0.00	19.53 2.08 0.00	18.46 1.93 0.00
REVERE_CPFR_DRP 24186	21.38 0.73 0.00	22.10 0.66 0.00	22.81 0.66 0.00	21.60 0.62 0.00	22.62 0.68 0.00	20.46 0.68 0.00	17.38 0.65 0.00	17.53 0.67 0.00	38.75 1.47 0.00	17.65 0.47 0.00	15.67 0.28 0.00	16.30 0.24 0.00	14.06 0.18 0.00	15.50 0.23 0.00	15.54 0.25 0.00	20.09 0.32 0.00	26.56 0.59 0.00	38.97 1.36 0.00	41.16 1.66 0.00	46.56 1.88 0.00	34.32 1.31 0.00	27.90 0.98 0.00	18.44 0.60 0.00	18.00 0.54 0.00	17.01 0.48 0.00
REYNOLDS_115KV_TB3 80639	21.25 0.59 0.00	22.11 0.67 0.00	22.78 0.63 0.00	21.58 0.60 0.00	22.62 0.68 0.00	20.40 0.62 0.00	17.30 0.56 0.00	17.45 0.59 0.00	38.64 1.36 0.00	17.79 0.61 0.00	15.95 0.56 0.00	16.60 0.55 0.00	14.36 0.48 0.00	15.79 0.52 0.00	15.87 0.58 0.00	20.52 0.75 0.00	26.92 0.94 0.00	38.83 1.22 0.00	40.71 1.22 0.00	46.05 1.38 0.00	34.09 1.08 0.00	27.83 0.91 0.00	18.46 0.62 0.00	18.04 0.59 0.00	17.07 0.54 0.00
RIVERBAY____ 323610	21.46 0.80 0.00	22.43 0.99 0.00	23.06 0.91 0.00	21.71 0.73 0.00	22.68 0.74 0.00	20.41 0.63 0.00	17.31 0.58 0.00	17.47 0.61 0.00	38.84 1.56 0.00	18.08 0.90 0.00	16.18 0.80 0.00	16.96 0.90 0.00	14.69 0.81 0.00	16.14 0.87 0.00	16.21 0.91 0.00	20.87 1.10 0.00	27.31 1.34 0.00	39.14 1.52 0.00	41.16 1.67 0.00	46.91 2.24 0.00	34.80 1.79 0.00	28.41 1.49 0.00	18.75 0.91 0.00	18.30 0.85 0.00	17.28 0.75 0.00
RIVERSDE_115KV_TB3 55908	21.23 0.57 0.00	22.09 0.65 0.00	22.75 0.60 0.00	21.55 0.57 0.00	22.60 0.66 0.00	20.38 0.61 0.00	17.28 0.54 0.00	17.42 0.56 0.00	38.57 1.29 0.00	17.75 0.57 0.00	15.92 0.54 0.00	16.59 0.53 0.00	14.35 0.47 0.00	15.78 0.51 0.00	15.85 0.56 0.00	20.50 0.73 0.00	26.89 0.91 0.00	38.81 1.19 0.00	40.70 1.20 0.00	46.04 1.37 0.00	34.08 1.06 0.00	27.81 0.90 0.00	18.44 0.60 0.00	18.03 0.58 0.00	17.05 0.52 0.00
ROARING___BROOK_WT_PWR 323790	20.73 0.07 0.00	21.53 0.09 0.00	22.25 0.10 0.00	21.08 0.10 0.00	22.05 0.11 0.00	19.86 0.08 0.00	16.77 0.04 0.00	16.90 0.04 0.00	37.33 0.05 0.00	17.21 0.03 0.00	15.41 0.02 0.00	16.07 0.01 0.00	13.87 -0.01 0.00	15.27 0.00 0.00	15.29 0.00 0.00	19.82 0.05 0.00	26.06 0.08 0.00	37.83 0.21 0.00	39.74 0.24 0.00	44.87 0.19 0.00	33.14 0.13 0.00	27.05 0.13 0.00	17.92 0.08 0.00	17.50 0.05 0.00	16.48 -0.05 0.00

ROCHESRG_115KV_T4 355643	19.96 -0.70 0.00	20.65 -0.80 0.00	21.47 -0.67 0.00	20.28 -0.70 0.00	21.15 -0.79 0.00	19.00 -0.77 0.00	16.11 -0.62 0.00	16.26 -0.60 0.00	35.91 -1.37 0.00	16.52 -0.66 0.00	14.71 -0.68 0.00	15.40 -0.66 0.00	13.30 -0.57 0.00	14.67 -0.59 0.00	14.62 -0.67 0.00	18.70 -1.07 0.00	24.63 -1.34 0.00	35.78 -1.84 0.00	37.52 -1.97 0.00	42.24 -2.43 0.00	31.10 -1.92 0.00	25.34 -1.58 0.00	16.81 -1.03 0.00	16.53 -0.92 0.00	15.69 -0.85 0.00
ROCHESTER_9_IC 23652	20.06 -0.60 0.00	20.75 -0.70 0.00	21.56 -0.58 0.00	20.37 -0.61 0.00	21.24 -0.70 0.00	19.09 -0.69 0.00	16.19 -0.55 0.00	16.35 -0.52 0.00	36.09 -1.19 0.00	16.59 -0.58 0.00	14.77 -0.62 0.00	15.46 -0.60 0.00	13.36 -0.51 0.00	14.74 -0.53 0.00	14.68 -0.61 0.00	18.79 -0.99 0.00	24.76 -1.21 0.00	35.98 -1.63 0.00	37.76 -1.73 0.00	42.51 -2.17 0.00	31.30 -1.72 0.00	25.49 -1.43 0.00	16.91 -0.93 0.00	16.62 -0.83 0.00	15.76 -0.77 0.00
ROCKVIEW_13_KV_LD 356306	21.47 0.81 0.00	22.38 0.93 0.00	23.01 0.86 0.00	21.68 0.70 0.00	22.66 0.72 0.00	20.40 0.62 0.00	17.29 0.56 0.00	17.43 0.57 0.00	38.84 1.56 0.00	18.01 0.83 0.00	16.16 0.77 0.00	16.94 0.89 0.00	14.67 0.80 0.00	16.15 0.88 0.00	16.22 0.92 0.00	20.89 1.11 0.00	27.35 1.38 0.00	39.22 1.60 0.00	41.18 1.69 0.00	46.80 2.13 0.00	34.65 1.63 0.00	28.26 1.35 0.00	18.72 0.88 0.00	18.30 0.85 0.00	17.28 0.75 0.00
ROME____115KV_TB2 80656	21.38 0.73 0.00	22.10 0.66 0.00	22.81 0.66 0.00	21.60 0.62 0.00	22.62 0.68 0.00	20.46 0.68 0.00	17.38 0.65 0.00	17.53 0.67 0.00	38.75 1.47 0.00	17.65 0.47 0.00	15.67 0.28 0.00	16.30 0.24 0.00	14.06 0.18 0.00	15.50 0.23 0.00	15.54 0.25 0.00	20.09 0.32 0.00	26.56 0.59 0.00	38.97 1.36 0.00	41.16 1.66 0.00	46.56 1.88 0.00	34.32 1.31 0.00	27.90 0.98 0.00	18.44 0.60 0.00	18.00 0.54 0.00	17.01 0.48 0.00
ROSETON___1 23587	21.27 0.61 0.00	22.16 0.72 0.00	22.81 0.66 0.00	21.51 0.53 0.00	22.50 0.55 0.00	20.26 0.48 0.00	17.18 0.44 0.00	17.32 0.45 0.00	38.53 1.25 0.00	17.84 0.66 0.00	16.01 0.62 0.00	16.75 0.69 0.00	14.50 0.63 0.00	15.95 0.68 0.00	16.01 0.72 0.00	20.63 0.86 0.00	27.04 1.07 0.00	38.85 1.23 0.00	40.82 1.33 0.00	46.36 1.69 0.00	34.31 1.30 0.00	27.98 1.06 0.00	18.54 0.69 0.00	18.11 0.66 0.00	17.11 0.58 0.00
ROSETON___2 23588	21.27 0.61 0.00	22.16 0.72 0.00	22.81 0.66 0.00	21.51 0.53 0.00	22.50 0.55 0.00	20.26 0.48 0.00	17.18 0.44 0.00	17.32 0.45 0.00	38.53 1.25 0.00	17.84 0.66 0.00	16.01 0.62 0.00	16.75 0.69 0.00	14.50 0.63 0.00	15.95 0.68 0.00	16.01 0.72 0.00	20.63 0.86 0.00	27.04 1.07 0.00	38.85 1.23 0.00	40.82 1.33 0.00	46.36 1.69 0.00	34.31 1.30 0.00	27.98 1.06 0.00	18.54 0.69 0.00	18.11 0.66 0.00	17.11 0.58 0.00
ROTRRDAM_115KV_TB3 80664	21.15 0.49 0.00	21.99 0.54 0.00	22.67 0.52 0.00	21.46 0.48 0.00	22.47 0.53 0.00	20.24 0.46 0.00	17.20 0.46 0.00	17.32 0.46 0.00	38.32 1.04 0.00	17.58 0.40 0.00	15.74 0.36 0.00	16.40 0.34 0.00	14.19 0.31 0.00	15.60 0.33 0.00	15.67 0.38 0.00	20.29 0.51 0.00	26.65 0.67 0.00	38.64 1.03 0.00	40.60 1.11 0.00	45.96 1.28 0.00	33.98 0.97 0.00	27.70 0.78 0.00	18.36 0.52 0.00	17.94 0.49 0.00	16.98 0.45 0.00
RUSSELL___1 23602	20.14 -0.51 0.00	20.83 -0.61 0.00	21.65 -0.50 0.00	20.45 -0.53 0.00	21.33 -0.61 0.00	19.16 -0.62 0.00	16.25 -0.48 0.00	16.41 -0.45 0.00	36.25 -1.03 0.00	16.66 -0.52 0.00	14.83 -0.56 0.00	15.52 -0.54 0.00	13.42 -0.46 0.00	14.80 -0.47 0.00	14.74 -0.55 0.00	18.87 -0.91 0.00	24.89 -1.09 0.00	36.19 -1.43 0.00	37.98 -1.52 0.00	42.75 -1.92 0.00	31.47 -1.54 0.00	25.62 -1.29 0.00	16.99 -0.85 0.00	16.70 -0.75 0.00	15.83 -0.70 0.00
RUSSELL___2 23532	20.14 -0.51 0.00	20.83 -0.61 0.00	21.65 -0.50 0.00	20.45 -0.53 0.00	21.33 -0.61 0.00	19.16 -0.62 0.00	16.25 -0.48 0.00	16.41 -0.45 0.00	36.25 -1.03 0.00	16.66 -0.52 0.00	14.83 -0.56 0.00	15.52 -0.54 0.00	13.42 -0.46 0.00	14.80 -0.47 0.00	14.74 -0.55 0.00	18.87 -0.91 0.00	24.89 -1.09 0.00	36.19 -1.43 0.00	37.98 -1.52 0.00	42.75 -1.92 0.00	31.47 -1.54 0.00	25.62 -1.29 0.00	16.99 -0.85 0.00	16.70 -0.75 0.00	15.83 -0.70 0.00
RUSSELL___3 23549	20.14 -0.51 0.00	20.83 -0.61 0.00	21.65 -0.50 0.00	20.45 -0.53 0.00	21.33 -0.61 0.00	19.16 -0.62 0.00	16.25 -0.48 0.00	16.41 -0.45 0.00	36.25 -1.03 0.00	16.66 -0.52 0.00	14.83 -0.56 0.00	15.52 -0.54 0.00	13.42 -0.46 0.00	14.80 -0.47 0.00	14.74 -0.55 0.00	18.87 -0.91 0.00	24.89 -1.09 0.00	36.19 -1.43 0.00	37.98 -1.52 0.00	42.75 -1.92 0.00	31.47 -1.54 0.00	25.62 -1.29 0.00	16.99 -0.85 0.00	16.70 -0.75 0.00	15.83 -0.70 0.00
RUSSELL___4 23556	20.14 -0.51 0.00	20.83 -0.61 0.00	21.65 -0.50 0.00	20.45 -0.53 0.00	21.33 -0.61 0.00	19.16 -0.62 0.00	16.25 -0.48 0.00	16.41 -0.45 0.00	36.25 -1.03 0.00	16.66 -0.52 0.00	14.83 -0.56 0.00	15.52 -0.54 0.00	13.42 -0.46 0.00	14.80 -0.47 0.00	14.74 -0.55 0.00	18.87 -0.91 0.00	24.89 -1.09 0.00	36.19 -1.43 0.00	37.98 -1.52 0.00	42.75 -1.92 0.00	31.47 -1.54 0.00	25.62 -1.29 0.00	16.99 -0.85 0.00	16.70 -0.75 0.00	15.83 -0.70 0.00
RUSSELL___STATION 23914	20.14 -0.51 0.00	20.83 -0.61 0.00	21.65 -0.50 0.00	20.45 -0.53 0.00	21.33 -0.61 0.00	19.16 -0.62 0.00	16.25 -0.48 0.00	16.41 -0.45 0.00	36.25 -1.03 0.00	16.66 -0.52 0.00	14.83 -0.56 0.00	15.52 -0.54 0.00	13.42 -0.46 0.00	14.80 -0.47 0.00	14.74 -0.55 0.00	18.87 -0.91 0.00	24.89 -1.09 0.00	36.19 -1.43 0.00	37.98 -1.52 0.00	42.75 -1.92 0.00	31.47 -1.54 0.00	25.62 -1.29 0.00	16.99 -0.85 0.00	16.70 -0.75 0.00	15.83 -0.70 0.00
S SALMON___HYD 24043	20.62 -0.04 0.00	21.34 -0.11 0.00	22.02 -0.12 0.00	20.87 -0.11 0.00	21.80 -0.14 0.00	19.69 -0.09 0.00	16.69 -0.05 0.00	16.85 -0.02 0.00	37.18 -0.10 0.00	17.00 -0.18 0.00	15.11 -0.28 0.00	15.76 -0.30 0.00	13.61 -0.27 0.00	14.98 -0.29 0.00	14.95 -0.35 0.00	19.27 -0.50 0.00	25.48 -0.49 0.00	37.27 -0.34 0.00	39.40 -0.10 0.00	44.51 -0.16 0.00	32.82 -0.20 0.00	26.70 -0.22 0.00	17.67 -0.17 0.00	17.30 -0.15 0.00	16.36 -0.17 0.00
S.PERRY__115KV_TB1 80734	20.79 0.13 0.00	21.46 0.02 0.00	22.31 0.17 0.00	21.05 0.07 0.00	21.93 -0.01 0.00	19.69 -0.08 0.00	16.73 -0.01 0.00	16.92 0.06 0.00	37.44 0.17 0.00	16.95 -0.23 0.00	14.89 -0.50 0.00	15.60 -0.46 0.00	13.48 -0.39 0.00	14.87 -0.40 0.00	14.84 -0.45 0.00	18.94 -0.83 0.00	25.08 -0.89 0.00	37.02 -0.60 0.00	39.01 -0.49 0.00	43.90 -0.77 0.00	32.20 -0.82 0.00	26.12 -0.79 0.00	17.20 -0.64 0.00	16.85 -0.60 0.00	15.89 -0.64 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	19.78 -0.87 0.00	20.47 -0.98 0.00	21.39 -0.75 0.00	20.16 -0.82 0.00	20.99 -0.95 0.00	18.77 -1.01 0.00	15.90 -0.83 0.00	16.05 -0.82 0.00	35.42 -1.86 0.00	16.31 -0.87 0.00	14.52 -0.87 0.00	15.25 -0.81 0.00	13.18 -0.70 0.00	14.56 -0.71 0.00	14.47 -0.82 0.00	18.37 -1.40 0.00	24.12 -1.85 0.00	34.91 -2.71 0.00	36.47 -3.03 0.00	40.95 -3.71 0.00	30.08 -2.93 0.00	24.49 -2.42 0.00	16.29 -1.55 0.00	16.11 -1.34 0.00	15.29 -1.24 0.00

SAWYER___23_KV_LOAD 55526	19.78 -0.87 0.00	20.47 -0.98 0.00	21.39 -0.75 0.00	20.16 -0.82 0.00	20.99 -0.95 0.00	18.77 -1.01 0.00	15.90 -0.83 0.00	16.05 -0.82 0.00	35.42 -1.86 0.00	16.31 -0.87 0.00	14.52 -0.87 0.00	15.25 -0.81 0.00	13.18 -0.70 0.00	14.56 -0.71 0.00	14.47 -0.82 0.00	18.37 -1.40 0.00	24.12 -1.85 0.00	34.91 -2.71 0.00	36.47 -3.03 0.00	40.95 -3.71 0.00	30.08 -2.93 0.00	24.49 -2.42 0.00	16.29 -1.55 0.00	16.11 -1.34 0.00	15.29 -1.24 0.00
SELKIRK___I 23801	21.25 0.60 0.00	22.10 0.66 0.00	22.77 0.63 0.00	21.56 0.58 0.00	22.61 0.67 0.00	20.39 0.62 0.00	17.29 0.56 0.00	17.45 0.58 0.00	38.53 1.25 0.00	17.65 0.47 0.00	15.81 0.43 0.00	16.49 0.43 0.00	14.26 0.38 0.00	15.67 0.40 0.00	15.74 0.45 0.00	20.35 0.57 0.00	26.77 0.80 0.00	38.79 1.18 0.00	40.69 1.19 0.00	46.02 1.35 0.00	34.06 1.05 0.00	27.80 0.89 0.00	18.43 0.59 0.00	18.02 0.57 0.00	17.04 0.51 0.00
SELKIRK___II 23799	21.10 0.44 0.00	21.95 0.50 0.00	22.62 0.48 0.00	21.42 0.44 0.00	22.46 0.52 0.00	20.24 0.46 0.00	17.16 0.43 0.00	17.30 0.44 0.00	38.29 1.01 0.00	17.63 0.45 0.00	15.81 0.43 0.00	16.49 0.43 0.00	14.26 0.38 0.00	15.68 0.41 0.00	15.75 0.45 0.00	20.35 0.57 0.00	26.67 0.70 0.00	38.53 0.91 0.00	40.43 0.93 0.00	45.74 1.07 0.00	33.86 0.84 0.00	27.63 0.72 0.00	18.32 0.48 0.00	17.91 0.46 0.00	16.94 0.41 0.00
SENECA OSWGO___HYD 24041	20.14 -0.51 0.00	20.85 -0.59 0.00	21.54 -0.60 0.00	20.42 -0.57 0.00	21.32 -0.62 0.00	19.27 -0.51 0.00	16.34 -0.40 0.00	16.47 -0.39 0.00	36.34 -0.94 0.00	16.73 -0.45 0.00	14.94 -0.45 0.00	15.62 -0.44 0.00	13.50 -0.38 0.00	14.86 -0.41 0.00	14.83 -0.46 0.00	19.09 -0.68 0.00	25.14 -0.84 0.00	36.49 -1.13 0.00	38.34 -1.16 0.00	43.34 -1.33 0.00	32.01 -1.01 0.00	26.06 -0.86 0.00	17.27 -0.57 0.00	16.90 -0.55 0.00	16.05 -0.48 0.00
SENECA___115KV_TB3 355854	20.08 -0.58 0.00	20.75 -0.69 0.00	21.68 -0.47 0.00	20.42 -0.56 0.00	21.27 -0.67 0.00	19.01 -0.76 0.00	16.11 -0.62 0.00	16.27 -0.59 0.00	35.93 -1.34 0.00	16.52 -0.66 0.00	14.70 -0.69 0.00	15.45 -0.60 0.00	13.35 -0.53 0.00	14.74 -0.53 0.00	14.66 -0.63 0.00	18.63 -1.15 0.00	24.48 -1.49 0.00	35.41 -2.21 0.00	37.00 -2.49 0.00	41.62 -3.06 0.00	30.53 -2.48 0.00	24.83 -2.09 0.00	16.48 -1.36 0.00	16.29 -1.16 0.00	15.45 -1.08 0.00
SENECA___ENERGY 23797	20.32 -0.34 0.00	21.00 -0.44 0.00	21.75 -0.40 0.00	20.57 -0.41 0.00	21.44 -0.50 0.00	19.32 -0.45 0.00	16.40 -0.33 0.00	16.58 -0.28 0.00	36.66 -0.62 0.00	16.80 -0.38 0.00	14.95 -0.44 0.00	15.64 -0.42 0.00	13.49 -0.39 0.00	14.83 -0.44 0.00	14.83 -0.46 0.00	19.05 -0.73 0.00	25.17 -0.80 0.00	36.55 -1.07 0.00	38.42 -1.07 0.00	43.47 -1.20 0.00	31.98 -1.04 0.00	26.02 -0.90 0.00	17.21 -0.63 0.00	16.86 -0.59 0.00	15.98 -0.55 0.00
SHOEMAKER___GT 23640	21.28 0.62 0.00	22.16 0.72 0.00	22.81 0.67 0.00	21.52 0.54 0.00	22.50 0.55 0.00	20.26 0.49 0.00	17.18 0.44 0.00	17.32 0.46 0.00	38.54 1.26 0.00	17.82 0.64 0.00	15.95 0.57 0.00	16.69 0.62 0.00	14.43 0.55 0.00	15.87 0.60 0.00	15.93 0.64 0.00	20.55 0.78 0.00	26.98 1.01 0.00	38.87 1.25 0.00	40.87 1.38 0.00	46.44 1.77 0.00	34.35 1.33 0.00	27.98 1.07 0.00	18.54 0.70 0.00	18.11 0.66 0.00	17.11 0.58 0.00
SHOEMAKR_138KV_BK 111 55601	21.27 0.61 0.00	22.15 0.71 0.00	22.79 0.65 0.00	21.51 0.53 0.00	22.49 0.54 0.00	20.24 0.47 0.00	17.17 0.44 0.00	17.31 0.45 0.00	38.51 1.23 0.00	17.82 0.64 0.00	15.96 0.57 0.00	16.69 0.63 0.00	14.44 0.56 0.00	15.88 0.61 0.00	15.94 0.65 0.00	20.55 0.78 0.00	26.98 1.01 0.00	38.84 1.22 0.00	40.84 1.35 0.00	46.39 1.72 0.00	34.31 1.30 0.00	27.97 1.05 0.00	18.53 0.68 0.00	18.11 0.66 0.00	17.10 0.57 0.00
SHOREHAM_IC_1 23715	21.53 0.87 0.00	22.72 1.28 0.00	23.29 1.15 0.00	21.85 0.87 0.00	22.76 0.81 0.00	20.53 0.76 0.00	17.35 0.62 0.00	17.44 0.57 0.00	39.04 1.76 0.00	18.15 0.97 0.00	16.28 0.89 0.00	17.09 1.02 0.00	14.73 0.86 0.00	16.26 0.99 0.00	16.39 1.10 0.00	21.17 1.40 0.00	27.73 1.75 0.00	39.60 1.98 0.00	41.78 2.28 0.00	47.39 2.72 0.00	35.11 2.09 0.00	28.74 1.82 0.00	18.99 1.14 0.00	18.59 1.14 0.00	17.51 0.98 0.00
SHOREHAM_IC_2 23716	21.53 0.87 0.00	22.72 1.28 0.00	23.29 1.15 0.00	21.85 0.87 0.00	22.76 0.81 0.00	20.53 0.76 0.00	17.35 0.62 0.00	17.44 0.57 0.00	39.04 1.76 0.00	18.15 0.97 0.00	16.28 0.89 0.00	17.09 1.02 0.00	14.73 0.86 0.00	16.26 0.99 0.00	16.39 1.10 0.00	21.17 1.40 0.00	27.73 1.75 0.00	39.60 1.98 0.00	41.78 2.28 0.00	47.39 2.72 0.00	35.11 2.09 0.00	28.74 1.82 0.00	18.99 1.14 0.00	18.59 1.14 0.00	17.51 0.98 0.00
SISSONVILLE____ 23735	22.55 1.89 0.00	23.39 1.94 0.00	24.14 2.00 0.00	22.86 1.88 0.00	23.91 1.97 0.00	21.54 1.76 0.00	18.30 1.56 0.00	18.43 1.57 0.00	40.75 3.48 0.00	18.24 1.06 0.00	16.02 0.64 0.00	16.58 0.52 0.00	14.27 0.39 0.00	15.71 0.44 0.00	15.69 0.40 0.00	20.56 0.80 0.00	27.60 1.63 0.00	41.20 3.59 0.00	44.08 4.58 0.00	49.72 5.05 0.00	36.61 3.59 0.00	29.60 2.69 0.00	19.47 1.63 0.00	18.92 1.47 0.00	17.81 1.28 0.00
SITHE_IND_GS1 24169	19.93 -0.73 0.00	20.62 -0.82 0.00	21.31 -0.83 0.00	20.21 -0.77 0.00	21.09 -0.85 0.00	19.07 -0.71 0.00	16.16 -0.57 0.00	16.29 -0.57 0.00	35.91 -1.37 0.00	16.56 -0.62 0.00	14.82 -0.57 0.00	15.48 -0.58 0.00	13.38 -0.50 0.00	14.72 -0.55 0.00	14.69 -0.60 0.00	18.91 -0.86 0.00	24.87 -1.10 0.00	36.05 -1.56 0.00	37.84 -1.65 0.00	42.77 -1.90 0.00	31.59 -1.43 0.00	25.73 -1.18 0.00	17.07 -0.78 0.00	16.71 -0.74 0.00	15.89 -0.64 0.00
SITHE_IND_GS2 24170	19.93 -0.73 0.00	20.62 -0.82 0.00	21.31 -0.83 0.00	20.21 -0.77 0.00	21.09 -0.85 0.00	19.07 -0.71 0.00	16.16 -0.57 0.00	16.29 -0.57 0.00	35.91 -1.37 0.00	16.56 -0.62 0.00	14.82 -0.57 0.00	15.48 -0.58 0.00	13.38 -0.50 0.00	14.72 -0.55 0.00	14.69 -0.60 0.00	18.91 -0.86 0.00	24.87 -1.10 0.00	36.05 -1.56 0.00	37.84 -1.65 0.00	42.77 -1.90 0.00	31.59 -1.43 0.00	25.73 -1.18 0.00	17.07 -0.78 0.00	16.71 -0.74 0.00	15.89 -0.64 0.00
SITHE_IND_GS3 24171	19.93 -0.73 0.00	20.62 -0.82 0.00	21.31 -0.83 0.00	20.21 -0.77 0.00	21.09 -0.85 0.00	19.07 -0.71 0.00	16.16 -0.57 0.00	16.29 -0.57 0.00	35.91 -1.37 0.00	16.56 -0.62 0.00	14.82 -0.57 0.00	15.48 -0.58 0.00	13.38 -0.50 0.00	14.72 -0.55 0.00	14.69 -0.60 0.00	18.91 -0.86 0.00	24.87 -1.10 0.00	36.05 -1.56 0.00	37.84 -1.65 0.00	42.77 -1.90 0.00	31.59 -1.43 0.00	25.73 -1.18 0.00	17.07 -0.78 0.00	16.71 -0.74 0.00	15.89 -0.64 0.00
SITHE_IND_GS4 24172	19.93 -0.73 0.00	20.62 -0.82 0.00	21.31 -0.83 0.00	20.21 -0.77 0.00	21.09 -0.85 0.00	19.07 -0.71 0.00	16.16 -0.57 0.00	16.29 -0.57 0.00	35.91 -1.37 0.00	16.56 -0.62 0.00	14.82 -0.57 0.00	15.48 -0.58 0.00	13.38 -0.50 0.00	14.72 -0.55 0.00	14.69 -0.60 0.00	18.91 -0.86 0.00	24.87 -1.10 0.00	36.05 -1.56 0.00	37.84 -1.65 0.00	42.77 -1.90 0.00	31.59 -1.43 0.00	25.73 -1.18 0.00	17.07 -0.78 0.00	16.71 -0.74 0.00	15.89 -0.64 0.00

SITHE___BATAVIA 24024	20.22 -0.43 0.00	20.91 -0.54 0.00	21.80 -0.35 0.00	20.56 -0.42 0.00	21.41 -0.53 0.00	19.19 -0.59 0.00	16.29 -0.44 0.00	16.45 -0.42 0.00	36.31 -0.97 0.00	16.66 -0.52 0.00	14.70 -0.69 0.00	15.38 -0.68 0.00	13.27 -0.61 0.00	14.65 -0.62 0.00	14.58 -0.71 0.00	18.58 -1.19 0.00	24.53 -1.44 0.00	35.92 -1.70 0.00	37.75 -1.74 0.00	42.39 -2.28 0.00	31.19 -1.83 0.00	25.38 -1.54 0.00	16.85 -0.99 0.00	16.60 -0.85 0.00	15.76 -0.77 0.00
SITHE___INDEPEND 23800	19.93 -0.72 0.00	20.62 -0.82 0.00	21.31 -0.83 0.00	20.21 -0.77 0.00	21.09 -0.85 0.00	19.07 -0.71 0.00	16.16 -0.57 0.00	16.29 -0.57 0.00	35.91 -1.37 0.00	16.56 -0.62 0.00	14.82 -0.57 0.00	15.48 -0.58 0.00	13.38 -0.50 0.00	14.72 -0.55 0.00	14.69 -0.60 0.00	18.91 -0.86 0.00	24.87 -1.10 0.00	36.05 -1.57 0.00	37.84 -1.65 0.00	42.77 -1.90 0.00	31.58 -1.43 0.00	25.73 -1.18 0.00	17.07 -0.78 0.00	16.71 -0.74 0.00	15.89 -0.64 0.00
SITHE___MASSENA 23902	20.97 0.31 0.00	21.79 0.35 0.00	22.55 0.41 0.00	21.40 0.41 0.00	22.37 0.43 0.00	20.13 0.36 0.00	16.97 0.23 0.00	17.08 0.22 0.00	37.73 0.45 0.00	17.39 0.21 0.00	15.57 0.18 0.00	16.22 0.16 0.00	13.99 0.11 0.00	15.41 0.14 0.00	15.44 0.14 0.00	20.05 0.28 0.00	26.37 0.39 0.00	38.32 0.70 0.00	40.27 0.77 0.00	45.45 0.77 0.00	33.56 0.55 0.00	27.38 0.46 0.00	18.14 0.30 0.00	17.74 0.29 0.00	16.79 0.26 0.00
SITHE___OGDNSBRG 24021	23.34 2.68 0.00	24.17 2.73 0.00	24.94 2.80 0.00	23.61 2.63 0.00	24.70 2.76 0.00	22.25 2.47 0.00	18.93 2.20 0.00	19.09 2.23 0.00	42.21 4.93 0.00	18.58 1.40 0.00	16.17 0.79 0.00	16.72 0.66 0.00	14.39 0.51 0.00	15.85 0.58 0.00	15.83 0.54 0.00	20.88 1.11 0.00	28.27 2.30 0.00	42.70 5.08 0.00	46.00 6.51 0.00	51.89 7.21 0.00	38.17 5.15 0.00	30.82 3.90 0.00	20.21 2.37 0.00	19.60 2.15 0.00	18.43 1.90 0.00
SITHE___STERLING 23777	21.11 0.45 0.00	21.83 0.39 0.00	22.54 0.40 0.00	21.35 0.37 0.00	22.35 0.41 0.00	20.21 0.44 0.00	17.17 0.43 0.00	17.32 0.46 0.00	38.29 1.01 0.00	17.48 0.30 0.00	15.55 0.17 0.00	16.20 0.14 0.00	13.98 0.10 0.00	15.40 0.13 0.00	15.42 0.13 0.00	19.91 0.14 0.00	26.29 0.31 0.00	38.42 0.81 0.00	40.53 1.03 0.00	45.86 1.19 0.00	33.82 0.81 0.00	27.51 0.59 0.00	18.20 0.35 0.00	17.77 0.32 0.00	16.81 0.28 0.00
SLEIGHT__34_KV_TB1 80719	20.13 -0.53 0.00	20.80 -0.65 0.00	21.57 -0.57 0.00	20.41 -0.58 0.00	21.27 -0.67 0.00	19.14 -0.63 0.00	16.25 -0.49 0.00	16.42 -0.44 0.00	36.27 -1.01 0.00	16.67 -0.51 0.00	14.85 -0.54 0.00	15.52 -0.54 0.00	13.40 -0.48 0.00	14.76 -0.57 0.00	14.72 -0.57 0.00	18.88 -0.89 0.00	24.98 -1.00 0.00	36.31 -1.30 0.00	38.09 -1.41 0.00	42.91 -1.76 0.00	31.61 -1.40 0.00	25.73 -1.19 0.00	17.05 -0.79 0.00	16.73 -0.72 0.00	15.86 -0.67 0.00
SOUTH CAIRO___GT 23612	21.94 1.28 0.00	22.78 1.34 0.00	23.48 1.33 0.00	22.25 1.27 0.00	23.36 1.42 0.00	21.07 1.30 0.00	17.91 1.17 0.00	18.09 1.23 0.00	39.99 2.71 0.00	18.19 1.01 0.00	16.14 0.75 0.00	16.71 0.66 0.00	14.43 0.55 0.00	15.86 0.58 0.00	15.94 0.65 0.00	20.69 0.92 0.00	27.45 1.48 0.00	40.32 2.70 0.00	42.63 3.13 0.00	48.16 3.49 0.00	35.55 2.54 0.00	28.98 2.06 0.00	19.17 1.33 0.00	18.69 1.24 0.00	17.63 1.10 0.00
SOUTH HAMPTN___IC 23720	21.62 0.96 0.00	22.85 1.40 0.00	23.36 1.22 0.00	21.91 0.93 0.00	22.77 0.83 0.00	20.53 0.76 0.00	17.35 0.62 0.00	17.46 0.59 0.00	39.16 1.88 0.00	18.26 1.08 0.00	16.38 0.99 0.00	17.20 1.14 0.00	14.84 0.96 0.00	16.39 1.12 0.00	16.52 1.23 0.00	21.34 1.57 0.00	27.98 2.01 0.00	39.97 2.36 0.00	42.16 2.67 0.00	47.81 3.14 0.00	35.41 2.40 0.00	28.98 2.06 0.00	19.14 1.30 0.00	18.73 1.28 0.00	17.64 1.11 0.00
SOUTHDOW_115KV_TB1 355954	20.82 0.16 0.00	21.42 -0.02 0.00	22.32 0.18 0.00	21.02 0.04 0.00	21.88 -0.07 0.00	19.53 -0.25 0.00	16.50 -0.23 0.00	16.66 -0.20 0.00	36.96 -0.32 0.00	16.93 -0.25 0.00	15.17 -0.21 0.00	16.06 0.01 0.00	13.85 -0.03 0.00	15.24 -0.03 0.00	15.19 -0.10 0.00	19.31 -0.46 0.00	25.40 -0.57 0.00	36.59 -1.03 0.00	38.18 -1.31 0.00	42.94 -1.74 0.00	31.37 -1.64 0.00	25.30 -1.61 0.00	16.66 -1.18 0.00	16.49 -0.96 0.00	15.54 -0.99 0.00
SOUTHOLD_69_KV_BK 2 55809	21.70 1.05 0.00	23.01 1.56 0.00	23.43 1.29 0.00	21.94 0.96 0.00	22.70 0.76 0.00	20.43 0.66 0.00	17.30 0.57 0.00	17.42 0.55 0.00	39.24 1.96 0.00	18.43 1.25 0.00	16.53 1.14 0.00	17.35 1.29 0.00	14.97 1.09 0.00	16.57 1.30 0.00	16.71 1.42 0.00	21.59 1.82 0.00	28.37 2.40 0.00	40.60 2.98 0.00	42.85 3.35 0.00	48.53 3.86 0.00	35.95 2.94 0.00	29.39 2.48 0.00	19.41 1.57 0.00	18.97 1.51 0.00	17.83 1.30 0.00
SOUTHOLD___IC 23719	21.70 1.05 0.00	23.01 1.56 0.00	23.43 1.29 0.00	21.94 0.96 0.00	22.70 0.76 0.00	20.44 0.66 0.00	17.30 0.57 0.00	17.42 0.55 0.00	39.23 1.96 0.00	18.43 1.25 0.00	16.53 1.14 0.00	17.35 1.29 0.00	14.97 1.09 0.00	16.56 1.29 0.00	16.71 1.42 0.00	21.59 1.82 0.00	28.38 2.40 0.00	40.60 2.98 0.00	42.84 3.35 0.00	48.53 3.86 0.00	35.95 2.94 0.00	29.39 2.48 0.00	19.41 1.57 0.00	18.97 1.51 0.00	17.83 1.30 0.00
SOUTH_FORK_WT_PWR 323839	21.60 0.94 0.00	22.96 1.52 0.00	23.33 1.18 0.00	21.80 0.82 0.00	22.48 0.54 0.00	20.22 0.44 0.00	17.12 0.39 0.00	17.25 0.39 0.00	38.96 1.68 0.00	18.38 1.20 0.00	16.51 1.12 0.00	17.34 1.28 0.00	14.96 1.08 0.00	16.57 1.30 0.00	16.73 1.44 0.00	21.60 1.83 0.00	28.42 2.45 0.00	40.65 3.04 0.00	42.89 3.40 0.00	48.55 3.88 0.00	35.98 2.96 0.00	29.40 2.48 0.00	19.42 1.57 0.00	18.98 1.53 0.00	17.83 1.30 0.00
SPIERFLS_115KV_TB 1 80737	21.39 0.73 0.00	22.24 0.79 0.00	22.93 0.78 0.00	21.77 0.78 0.00	22.79 0.84 0.00	20.54 0.76 0.00	17.50 0.77 0.00	17.64 0.78 0.00	39.05 1.77 0.00	17.83 0.65 0.00	15.96 0.57 0.00	16.55 0.49 0.00	14.33 0.45 0.00	15.73 0.45 0.00	15.85 0.56 0.00	20.50 0.73 0.00	27.09 1.12 0.00	39.41 1.80 0.00	41.51 2.02 0.00	47.01 2.34 0.00	34.76 1.74 0.00	28.22 1.30 0.00	18.67 0.83 0.00	18.29 0.83 0.00	17.29 0.75 0.00
ST LAWRENCE____ 23600	20.78 0.11 0.00	21.60 0.15 0.00	22.35 0.20 0.00	21.20 0.22 0.00	22.16 0.22 0.00	19.95 0.18 0.00	16.81 0.08 0.00	16.92 0.06 0.00	37.36 0.09 0.00	17.22 0.04 0.00	15.42 0.03 0.00	16.07 0.01 0.00	13.86 -0.01 0.00	15.27 0.00 0.00	15.29 0.00 0.00	19.86 0.09 0.00	26.12 0.14 0.00	37.96 0.34 0.00	39.90 0.40 0.00	45.01 0.34 0.00	33.26 0.24 0.00	27.14 0.22 0.00	17.98 0.14 0.00	17.59 0.13 0.00	16.64 0.10 0.00
STATE_CA_115KV_115_LB 55624	21.26 0.61 0.00	22.12 0.67 0.00	22.78 0.64 0.00	21.58 0.60 0.00	22.64 0.70 0.00	20.40 0.63 0.00	17.29 0.56 0.00	17.44 0.57 0.00	38.60 1.33 0.00	17.77 0.59 0.00	15.93 0.54 0.00	16.60 0.55 0.00	14.36 0.48 0.00	15.79 0.52 0.00	15.87 0.58 0.00	20.52 0.75 0.00	26.93 0.96 0.00	38.91 1.30 0.00	40.81 1.31 0.00	46.17 1.50 0.00	34.16 1.15 0.00	27.87 0.96 0.00	18.48 0.63 0.00	18.05 0.60 0.00	17.08 0.55 0.00

STATE_ST_34_KV_LOAD 55959	20.60 -0.06 0.00	21.28 -0.16 0.00	22.01 -0.13 0.00	20.84 -0.14 0.00	21.68 -0.26 0.00	19.55 -0.22 0.00	16.60 -0.14 0.00	16.78 -0.08 0.00	37.11 -0.17 0.00	17.04 -0.14 0.00	15.19 -0.20 0.00	15.86 -0.20 0.00	13.66 -0.22 0.00	15.01 -0.26 0.00	15.03 -0.26 0.00	19.31 -0.46 0.00	25.58 -0.39 0.00	37.21 -0.41 0.00	38.96 -0.53 0.00	44.04 -0.63 0.00	32.46 -0.55 0.00	26.41 -0.50 0.00	17.49 -0.35 0.00	17.16 -0.30 0.00	16.30 -0.23 0.00
STATION 5_MISC_HYD 23604	20.06 -0.60 0.00	20.75 -0.70 0.00	21.56 -0.58 0.00	20.37 -0.61 0.00	21.24 -0.70 0.00	19.09 -0.68 0.00	16.19 -0.55 0.00	16.35 -0.52 0.00	36.08 -1.20 0.00	16.59 -0.58 0.00	14.77 -0.62 0.00	15.46 -0.60 0.00	13.36 -0.51 0.00	14.74 -0.53 0.00	14.68 -0.61 0.00	18.78 -0.99 0.00	24.76 -1.21 0.00	35.98 -1.63 0.00	37.76 -1.73 0.00	42.50 -2.17 0.00	31.30 -1.71 0.00	25.49 -1.43 0.00	16.91 -0.93 0.00	16.62 -0.83 0.00	15.76 -0.77 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	20.32 -0.34 0.00	21.00 -0.44 0.00	21.79 -0.36 0.00	20.60 -0.38 0.00	21.48 -0.46 0.00	19.34 -0.44 0.00	16.41 -0.32 0.00	16.59 -0.27 0.00	36.65 -0.63 0.00	16.82 -0.36 0.00	14.96 -0.43 0.00	15.65 -0.41 0.00	13.51 -0.37 0.00	14.88 -0.39 0.00	14.84 -0.45 0.00	19.04 -0.74 0.00	25.17 -0.81 0.00	36.58 -1.03 0.00	38.44 -1.05 0.00	43.35 -1.32 0.00	31.90 -1.11 0.00	25.96 -0.96 0.00	17.19 -0.65 0.00	16.86 -0.59 0.00	15.98 -0.55 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	19.97 -0.69 0.00	20.66 -0.78 0.00	21.47 -0.68 0.00	20.28 -0.70 0.00	21.15 -0.79 0.00	19.02 -0.76 0.00	16.13 -0.61 0.00	16.29 -0.57 0.00	35.96 -1.32 0.00	16.53 -0.65 0.00	14.72 -0.67 0.00	15.41 -0.65 0.00	13.32 -0.56 0.00	14.69 -0.58 0.00	14.63 -0.66 0.00	18.73 -1.04 0.00	24.70 -1.28 0.00	35.89 -1.72 0.00	37.66 -1.84 0.00	42.40 -2.27 0.00	31.22 -1.79 0.00	25.42 -1.50 0.00	16.86 -0.98 0.00	16.57 -0.88 0.00	15.72 -0.81 0.00
STA_56___34_KV_BUS2 355983	19.97 -0.69 0.00	20.66 -0.78 0.00	21.47 -0.68 0.00	20.28 -0.70 0.00	21.15 -0.79 0.00	19.02 -0.76 0.00	16.13 -0.61 0.00	16.29 -0.57 0.00	35.96 -1.32 0.00	16.53 -0.65 0.00	14.72 -0.67 0.00	15.41 -0.65 0.00	13.32 -0.56 0.00	14.69 -0.58 0.00	14.63 -0.66 0.00	18.73 -1.04 0.00	24.70 -1.28 0.00	35.89 -1.72 0.00	37.66 -1.84 0.00	42.40 -2.27 0.00	31.22 -1.79 0.00	25.42 -1.50 0.00	16.86 -0.98 0.00	16.57 -0.88 0.00	15.72 -0.81 0.00
STA_67___115KV_BK2 355882	20.02 -0.64 0.00	20.71 -0.73 0.00	21.53 -0.62 0.00	20.33 -0.64 0.00	21.20 -0.74 0.00	19.06 -0.72 0.00	16.16 -0.57 0.00	16.31 -0.55 0.00	36.02 -1.26 0.00	16.57 -0.61 0.00	14.75 -0.64 0.00	15.43 -0.63 0.00	13.34 -0.54 0.00	14.71 -0.55 0.00	14.66 -0.63 0.00	18.75 -1.02 0.00	24.71 -1.26 0.00	35.91 -1.71 0.00	37.67 -1.83 0.00	42.40 -2.27 0.00	31.22 -1.79 0.00	25.43 -1.48 0.00	16.87 -0.97 0.00	16.59 -0.87 0.00	15.74 -0.80 0.00
STA_7___115KV_9TRANS 80674	20.14 -0.51 0.00	20.83 -0.61 0.00	21.65 -0.50 0.00	20.45 -0.53 0.00	21.33 -0.61 0.00	19.16 -0.62 0.00	16.25 -0.48 0.00	16.41 -0.45 0.00	36.25 -1.03 0.00	16.66 -0.52 0.00	14.83 -0.56 0.00	15.52 -0.54 0.00	13.42 -0.46 0.00	14.80 -0.47 0.00	14.74 -0.55 0.00	18.87 -0.91 0.00	24.89 -1.09 0.00	36.19 -1.43 0.00	37.98 -1.52 0.00	42.75 -1.92 0.00	31.47 -1.54 0.00	25.62 -1.29 0.00	16.99 -0.85 0.00	16.70 -0.75 0.00	15.83 -0.70 0.00
STA_82___115KV_TB1 80780	20.02 -0.64 0.00	20.72 -0.73 0.00	21.54 -0.61 0.00	20.34 -0.64 0.00	21.22 -0.72 0.00	19.06 -0.71 0.00	16.16 -0.57 0.00	16.32 -0.54 0.00	36.03 -1.25 0.00	16.57 -0.61 0.00	14.75 -0.64 0.00	15.44 -0.63 0.00	13.34 -0.54 0.00	14.71 -0.55 0.00	14.66 -0.63 0.00	18.75 -1.02 0.00	24.71 -1.26 0.00	35.92 -1.69 0.00	37.69 -1.81 0.00	42.42 -2.25 0.00	31.23 -1.78 0.00	25.44 -1.48 0.00	16.88 -0.96 0.00	16.59 -0.86 0.00	15.74 -0.79 0.00
STEEL___WIND 323596	20.06 -0.60 0.00	20.73 -0.71 0.00	21.66 -0.49 0.00	20.39 -0.59 0.00	21.25 -0.69 0.00	19.00 -0.78 0.00	16.09 -0.64 0.00	16.25 -0.61 0.00	35.90 -1.39 0.00	16.50 -0.68 0.00	14.67 -0.71 0.00	15.43 -0.63 0.00	13.33 -0.55 0.00	14.71 -0.55 0.00	14.64 -0.65 0.00	18.60 -1.18 0.00	24.45 -1.53 0.00	35.37 -2.25 0.00	36.95 -2.55 0.00	41.54 -3.13 0.00	30.49 -2.52 0.00	24.79 -2.12 0.00	16.47 -1.38 0.00	16.27 -1.18 0.00	15.43 -1.10 0.00
STEPHTWN_115KV_BK_2 55603	21.32 0.67 0.00	22.16 0.71 0.00	22.82 0.68 0.00	21.60 0.62 0.00	22.66 0.72 0.00	20.44 0.67 0.00	17.30 0.56 0.00	17.51 0.65 0.00	38.77 1.50 0.00	17.82 0.64 0.00	15.97 0.59 0.00	16.64 0.58 0.00	14.38 0.51 0.00	15.83 0.56 0.00	15.86 0.57 0.00	20.56 0.79 0.00	27.06 1.09 0.00	38.99 1.38 0.00	41.03 1.53 0.00	46.45 1.78 0.00	34.35 1.34 0.00	27.99 1.07 0.00	18.57 0.72 0.00	18.14 0.69 0.00	17.15 0.62 0.00
STEUBEN_REC_LFGE 323667	20.63 -0.02 0.00	21.28 -0.17 0.00	22.14 0.00 0.00	20.84 -0.14 0.00	21.68 -0.26 0.00	19.46 -0.32 0.00	16.51 -0.22 0.00	16.70 -0.17 0.00	37.02 -0.26 0.00	16.84 -0.34 0.00	14.89 -0.50 0.00	15.64 -0.42 0.00	13.50 -0.37 0.00	14.86 -0.41 0.00	14.84 -0.46 0.00	18.93 -0.84 0.00	25.08 -0.89 0.00	36.41 -1.21 0.00	38.16 -1.33 0.00	42.85 -1.82 0.00	31.14 -1.87 0.00	25.26 -1.66 0.00	16.50 -1.34 0.00	16.16 -1.29 0.00	15.12 -1.41 0.00
STILLWATER___SOLAR 323814	21.51 0.85 0.00	22.37 0.93 0.00	23.06 0.91 0.00	21.86 0.88 0.00	22.88 0.94 0.00	20.62 0.85 0.00	17.55 0.81 0.00	17.69 0.82 0.00	39.13 1.85 0.00	17.91 0.74 0.00	16.03 0.64 0.00	16.65 0.59 0.00	14.40 0.52 0.00	15.83 0.56 0.00	15.93 0.64 0.00	20.63 0.86 0.00	27.21 1.24 0.00	39.49 1.88 0.00	41.50 2.01 0.00	46.97 2.30 0.00	34.73 1.72 0.00	28.28 1.37 0.00	18.74 0.90 0.00	18.32 0.87 0.00	17.33 0.80 0.00
STONY___BROOK 24151	21.46 0.80 0.00	22.63 1.18 0.00	23.21 1.07 0.00	21.81 0.83 0.00	22.74 0.80 0.00	20.50 0.73 0.00	17.30 0.57 0.00	17.38 0.52 0.00	38.93 1.65 0.00	18.08 0.90 0.00	16.23 0.85 0.00	17.06 1.00 0.00	14.72 0.84 0.00	16.24 0.97 0.00	16.35 1.06 0.00	21.12 1.35 0.00	27.60 1.63 0.00	39.34 1.72 0.00	41.47 1.97 0.00	47.08 2.41 0.00	34.87 1.86 0.00	28.56 1.64 0.00	18.86 1.02 0.00	18.46 1.01 0.00	17.41 0.88 0.00
STURGEON_POOL_HYD 23609	21.12 0.46 0.00	21.99 0.55 0.00	22.65 0.50 0.00	21.38 0.39 0.00	22.36 0.42 0.00	20.13 0.36 0.00	17.09 0.36 0.00	17.25 0.39 0.00	38.32 1.04 0.00	17.76 0.58 0.00	15.95 0.57 0.00	16.69 0.63 0.00	14.44 0.56 0.00	15.88 0.61 0.00	15.94 0.64 0.00	20.53 0.76 0.00	26.85 0.88 0.00	38.62 1.00 0.00	40.57 1.08 0.00	46.07 1.40 0.00	34.10 1.09 0.00	27.80 0.89 0.00	18.43 0.58 0.00	18.00 0.55 0.00	17.01 0.48 0.00
ST_LAW_115_BK7_LBMP 345037	20.78 0.11 0.00	21.60 0.15 0.00	22.34 0.20 0.00	21.20 0.22 0.00	22.16 0.22 0.00	19.95 0.18 0.00	16.81 0.08 0.00	16.92 0.06 0.00	37.36 0.09 0.00	17.22 0.04 0.00	15.43 0.04 0.00	16.07 0.01 0.00	13.86 -0.01 0.00	15.27 0.00 0.00	15.29 0.00 0.00	19.86 0.09 0.00	26.12 0.14 0.00	37.96 0.34 0.00	39.90 0.40 0.00	45.02 0.35 0.00	33.26 0.24 0.00	27.14 0.22 0.00	17.98 0.14 0.00	17.59 0.13 0.00	16.64 0.10 0.00

ST_LAW_115_BK8_LBMP 345038	20.78 0.11 0.00	21.60 0.15 0.00	22.34 0.20 0.00	21.20 0.22 0.00	22.16 0.22 0.00	19.95 0.18 0.00	16.81 0.08 0.00	16.92 0.06 0.00	37.36 0.09 0.00	17.22 0.04 0.00	15.43 0.04 0.00	16.07 0.01 0.00	13.86 -0.01 0.00	15.27 0.00 0.00	15.29 0.00 0.00	19.86 0.09 0.00	26.12 0.14 0.00	37.96 0.34 0.00	39.90 0.40 0.00	45.02 0.35 0.00	33.26 0.24 0.00	27.14 0.22 0.00	17.98 0.14 0.00	17.59 0.13 0.00	16.64 0.10 0.00
ST_LAW_230_BK5_LBMP 345035	20.78 0.11 0.00	21.60 0.15 0.00	22.35 0.20 0.00	21.20 0.22 0.00	22.16 0.22 0.00	19.95 0.18 0.00	16.81 0.08 0.00	16.92 0.06 0.00	37.36 0.09 0.00	17.22 0.04 0.00	15.42 0.03 0.00	16.07 0.01 0.00	13.86 -0.01 0.00	15.27 0.00 0.00	15.29 0.00 0.00	19.86 0.09 0.00	26.12 0.14 0.00	37.96 0.34 0.00	39.90 0.40 0.00	45.01 0.34 0.00	33.26 0.24 0.00	27.14 0.22 0.00	17.98 0.14 0.00	17.59 0.13 0.00	16.64 0.10 0.00
ST_LAW_230_BK6_LBMP 345036	20.78 0.11 0.00	21.60 0.15 0.00	22.35 0.20 0.00	21.20 0.22 0.00	22.16 0.22 0.00	19.95 0.18 0.00	16.81 0.08 0.00	16.92 0.06 0.00	37.36 0.09 0.00	17.22 0.04 0.00	15.42 0.03 0.00	16.07 0.01 0.00	13.86 -0.01 0.00	15.27 0.00 0.00	15.29 0.00 0.00	19.86 0.09 0.00	26.12 0.14 0.00	37.96 0.34 0.00	39.90 0.40 0.00	45.01 0.34 0.00	33.26 0.24 0.00	27.14 0.22 0.00	17.98 0.14 0.00	17.59 0.13 0.00	16.64 0.10 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	21.29 0.63 0.00	22.18 0.74 0.00	22.83 0.68 0.00	21.52 0.54 0.00	22.50 0.56 0.00	20.25 0.48 0.00	17.18 0.44 0.00	17.32 0.45 0.00	38.56 1.28 0.00	17.86 0.69 0.00	16.01 0.62 0.00	16.75 0.69 0.00	14.50 0.62 0.00	15.94 0.68 0.00	16.01 0.71 0.00	20.63 0.86 0.00	27.06 1.09 0.00	38.91 1.29 0.00	40.88 1.39 0.00	46.46 1.79 0.00	34.37 1.35 0.00	28.00 1.08 0.00	18.55 0.71 0.00	18.13 0.68 0.00	17.12 0.59 0.00
SWANROAD_115KV_TB1 355699	19.35 -1.31 0.00	20.03 -1.41 0.00	20.95 -1.19 0.00	19.76 -1.22 0.00	20.54 -1.40 0.00	18.38 -1.40 0.00	15.58 -1.16 0.00	15.71 -1.15 0.00	34.59 -2.69 0.00	15.98 -1.20 0.00	14.19 -1.20 0.00	14.89 -1.17 0.00	12.87 -1.00 0.00	14.23 -1.04 0.00	14.13 -1.17 0.00	17.89 -1.88 0.00	23.46 -2.51 0.00	34.03 -3.58 0.00	35.60 -3.90 0.00	39.90 -4.77 0.00	29.36 -3.65 0.00	23.94 -2.98 0.00	15.98 -1.86 0.00	15.81 -1.65 0.00	15.07 -1.47 0.00
SYNERGY___BIOGAS 323694	20.22 -0.43 0.00	20.91 -0.54 0.00	21.80 -0.35 0.00	20.56 -0.42 0.00	21.41 -0.53 0.00	19.19 -0.59 0.00	16.29 -0.44 0.00	16.45 -0.42 0.00	36.31 -0.97 0.00	16.66 -0.52 0.00	14.70 -0.69 0.00	15.38 -0.68 0.00	13.27 -0.61 0.00	14.65 -0.62 0.00	14.58 -0.71 0.00	18.58 -1.19 0.00	24.53 -1.44 0.00	35.92 -1.70 0.00	37.75 -1.74 0.00	42.39 -2.28 0.00	31.19 -1.83 0.00	25.38 -1.54 0.00	16.85 -0.99 0.00	16.60 -0.85 0.00	15.76 -0.77 0.00
SYRACUSE___ENERGY_ST1 323597	20.41 -0.25 0.00	21.11 -0.33 0.00	21.82 -0.33 0.00	20.66 -0.32 0.00	21.57 -0.37 0.00	19.47 -0.30 0.00	16.52 -0.21 0.00	16.67 -0.19 0.00	36.81 -0.47 0.00	16.93 -0.25 0.00	15.13 -0.26 0.00	15.80 -0.26 0.00	13.65 -0.23 0.00	15.02 -0.26 0.00	15.00 -0.30 0.00	19.31 -0.46 0.00	25.47 -0.50 0.00	36.96 -0.65 0.00	38.80 -0.70 0.00	43.86 -0.81 0.00	32.36 -0.65 0.00	26.34 -0.57 0.00	17.46 -0.38 0.00	17.10 -0.36 0.00	16.23 -0.30 0.00
SYRACUSE___ENERGY_ST2 323598	20.41 -0.25 0.00	21.11 -0.33 0.00	21.82 -0.33 0.00	20.66 -0.32 0.00	21.57 -0.37 0.00	19.47 -0.30 0.00	16.52 -0.21 0.00	16.67 -0.19 0.00	36.81 -0.47 0.00	16.93 -0.25 0.00	15.13 -0.26 0.00	15.80 -0.26 0.00	13.65 -0.23 0.00	15.02 -0.26 0.00	15.00 -0.30 0.00	19.31 -0.46 0.00	25.47 -0.50 0.00	36.96 -0.65 0.00	38.80 -0.70 0.00	43.86 -0.81 0.00	32.36 -0.65 0.00	26.34 -0.57 0.00	17.46 -0.38 0.00	17.10 -0.36 0.00	16.23 -0.30 0.00
SYRACUSE___POWER 24017	20.41 -0.25 0.00	21.11 -0.33 0.00	21.82 -0.33 0.00	20.66 -0.32 0.00	21.58 -0.36 0.00	19.48 -0.29 0.00	16.53 -0.20 0.00	16.68 -0.19 0.00	36.81 -0.47 0.00	16.93 -0.25 0.00	15.12 -0.27 0.00	15.80 -0.26 0.00	13.65 -0.23 0.00	15.02 -0.25 0.00	15.00 -0.29 0.00	19.32 -0.45 0.00	25.46 -0.51 0.00	36.95 -0.67 0.00	38.80 -0.70 0.00	43.88 -0.79 0.00	32.38 -0.63 0.00	26.36 -0.56 0.00	17.47 -0.37 0.00	17.10 -0.35 0.00	16.23 -0.30 0.00
TALLMAN___138KV_BK151 55660	21.32 0.66 0.00	22.22 0.77 0.00	22.86 0.72 0.00	21.53 0.55 0.00	22.51 0.57 0.00	20.26 0.49 0.00	17.17 0.44 0.00	17.32 0.45 0.00	38.59 1.31 0.00	17.89 0.72 0.00	16.04 0.65 0.00	16.80 0.74 0.00	14.54 0.66 0.00	16.00 0.72 0.00	16.05 0.76 0.00	20.68 0.90 0.00	27.10 1.13 0.00	38.90 1.29 0.00	40.87 1.38 0.00	46.49 1.82 0.00	34.38 1.37 0.00	28.01 1.09 0.00	18.56 0.72 0.00	18.15 0.70 0.00	17.13 0.60 0.00
TEALLAVE_115KV_TB7 355573	20.30 -0.36 0.00	20.99 -0.45 0.00	21.70 -0.44 0.00	20.56 -0.42 0.00	21.47 -0.47 0.00	19.39 -0.39 0.00	16.45 -0.29 0.00	16.59 -0.27 0.00	36.60 -0.68 0.00	16.85 -0.33 0.00	15.05 -0.33 0.00	15.73 -0.33 0.00	13.59 -0.29 0.00	14.96 -0.31 0.00	14.93 -0.36 0.00	19.23 -0.55 0.00	25.33 -0.65 0.00	36.71 -0.90 0.00	38.55 -0.95 0.00	43.57 -1.10 0.00	32.16 -0.85 0.00	26.19 -0.73 0.00	17.38 -0.47 0.00	17.01 -0.44 0.00	16.14 -0.39 0.00
TELGRAPH_34_KV_EAST 80808	19.85 -0.81 0.00	20.53 -0.92 0.00	21.43 -0.71 0.00	20.22 -0.76 0.00	21.04 -0.90 0.00	18.84 -0.94 0.00	15.98 -0.76 0.00	16.12 -0.74 0.00	35.55 -1.73 0.00	16.38 -0.80 0.00	14.52 -0.87 0.00	15.23 -0.83 0.00	13.14 -0.73 0.00	14.52 -0.75 0.00	14.44 -0.85 0.00	18.35 -1.42 0.00	24.13 -1.84 0.00	35.09 -2.52 0.00	36.76 -2.73 0.00	41.26 -3.42 0.00	30.34 -2.67 0.00	24.72 -2.20 0.00	16.45 -1.39 0.00	16.24 -1.21 0.00	15.44 -1.09 0.00
TEMPLE___115KV_TB 2 55572	20.30 -0.36 0.00	21.00 -0.44 0.00	21.71 -0.44 0.00	20.56 -0.42 0.00	21.48 -0.46 0.00	19.39 -0.38 0.00	16.45 -0.28 0.00	16.59 -0.27 0.00	36.61 -0.67 0.00	16.85 -0.33 0.00	15.06 -0.33 0.00	15.74 -0.32 0.00	13.60 -0.28 0.00	14.96 -0.30 0.00	14.94 -0.35 0.00	19.23 -0.54 0.00	25.33 -0.64 0.00	36.73 -0.88 0.00	38.56 -0.94 0.00	43.59 -1.08 0.00	32.17 -0.84 0.00	26.20 -0.72 0.00	17.38 -0.46 0.00	17.01 -0.44 0.00	16.15 -0.38 0.00
TIANA____69_KV_BK 1 55817	21.60 0.94 0.00	22.81 1.37 0.00	23.35 1.21 0.00	21.91 0.93 0.00	22.79 0.84 0.00	20.55 0.77 0.00	17.37 0.64 0.00	17.47 0.60 0.00	39.13 1.85 0.00	18.23 1.05 0.00	16.35 0.96 0.00	17.16 1.10 0.00	14.80 0.92 0.00	16.35 1.08 0.00	16.48 1.18 0.00	21.28 1.51 0.00	27.90 1.93 0.00	39.85 2.23 0.00	42.04 2.54 0.00	47.69 3.02 0.00	35.32 2.30 0.00	28.90 1.98 0.00	19.10 1.26 0.00	18.68 1.23 0.00	17.60 1.06 0.00
TILDEN___115KV_TB1 80814	20.41 -0.25 0.00	21.11 -0.33 0.00	21.82 -0.33 0.00	20.66 -0.32 0.00	21.58 -0.36 0.00	19.48 -0.29 0.00	16.53 -0.20 0.00	16.68 -0.19 0.00	36.81 -0.47 0.00	16.93 -0.25 0.00	15.12 -0.27 0.00	15.80 -0.26 0.00	13.65 -0.23 0.00	15.02 -0.25 0.00	15.00 -0.29 0.00	19.32 -0.45 0.00	25.46 -0.51 0.00	36.95 -0.67 0.00	38.80 -0.70 0.00	43.88 -0.79 0.00	32.38 -0.63 0.00	26.36 -0.56 0.00	17.47 -0.37 0.00	17.10 -0.35 0.00	16.23 -0.30 0.00

TRIGEN___CC 323695	21.33 0.67 0.00	22.39 0.94 0.00	22.99 0.85 0.00	21.63 0.65 0.00	22.59 0.65 0.00	20.34 0.57 0.00	17.20 0.46 0.00	17.27 0.41 0.00	38.66 1.38 0.00	17.94 0.76 0.00	16.13 0.74 0.00	16.95 0.89 0.00	14.66 0.77 -0.01	16.15 0.86 -0.02	16.21 0.92 0.00	20.91 1.13 0.00	27.29 1.32 0.00	38.98 1.36 0.00	41.00 1.51 0.00	46.58 1.91 0.00	34.50 1.48 0.00	28.19 1.27 0.00	18.65 0.81 0.00	18.24 0.79 0.00	17.22 0.69 0.00
TRINITY___115KV___4 BK 55933	21.19 0.53 0.00	22.05 0.61 0.00	22.72 0.57 0.00	21.52 0.54 0.00	22.57 0.63 0.00	20.35 0.57 0.00	17.24 0.51 0.00	17.39 0.53 0.00	38.50 1.22 0.00	17.72 0.54 0.00	15.89 0.50 0.00	16.56 0.50 0.00	14.32 0.45 0.00	15.75 0.48 0.00	15.82 0.53 0.00	20.46 0.69 0.00	26.83 0.86 0.00	38.74 1.13 0.00	40.63 1.14 0.00	45.97 1.30 0.00	34.03 1.01 0.00	27.77 0.85 0.00	18.41 0.57 0.00	18.00 0.54 0.00	17.02 0.49 0.00
UNION___PROCESSING_DRP 323587	20.03 -0.63 0.00	20.72 -0.72 0.00	21.54 -0.60 0.00	20.35 -0.63 0.00	21.22 -0.72 0.00	19.07 -0.71 0.00	16.16 -0.57 0.00	16.32 -0.54 0.00	36.04 -1.24 0.00	16.57 -0.60 0.00	14.75 -0.64 0.00	15.44 -0.62 0.00	13.34 -0.54 0.00	14.72 -0.55 0.00	14.66 -0.63 0.00	18.75 -1.02 0.00	24.72 -1.26 0.00	35.93 -1.68 0.00	37.70 -1.80 0.00	42.43 -2.24 0.00	31.25 -1.76 0.00	25.45 -1.47 0.00	16.88 -0.96 0.00	16.60 -0.85 0.00	15.74 -0.79 0.00
UPPER HUDSON___HYD 24058	21.39 0.73 0.00	22.24 0.80 0.00	22.92 0.78 0.00	21.77 0.79 0.00	22.79 0.84 0.00	20.54 0.76 0.00	17.50 0.77 0.00	17.64 0.78 0.00	39.05 1.77 0.00	17.83 0.65 0.00	15.96 0.57 0.00	16.55 0.49 0.00	14.33 0.45 0.00	15.73 0.45 0.00	15.85 0.56 0.00	20.50 0.73 0.00	27.09 1.12 0.00	39.41 1.80 0.00	41.51 2.01 0.00	47.01 2.34 0.00	34.76 1.74 0.00	28.22 1.30 0.00	18.67 0.83 0.00	18.29 0.83 0.00	17.29 0.75 0.00
UPPER RAQUET___HYD 24056	22.55 1.89 0.00	23.38 1.94 0.00	24.14 2.00 0.00	22.86 1.88 0.00	23.91 1.97 0.00	21.54 1.76 0.00	18.30 1.56 0.00	18.43 1.57 0.00	40.75 3.48 0.00	18.24 1.06 0.00	16.02 0.64 0.00	16.58 0.52 0.00	14.27 0.39 0.00	15.71 0.44 0.00	15.69 0.40 0.00	20.56 0.79 0.00	27.60 1.63 0.00	41.20 3.59 0.00	44.07 4.58 0.00	49.72 5.05 0.00	36.61 3.59 0.00	29.60 2.69 0.00	19.47 1.63 0.00	18.92 1.47 0.00	17.81 1.28 0.00
VALLEY44_115KV_TB2 355964	20.42 -0.24 0.00	21.09 -0.36 0.00	21.96 -0.18 0.00	20.64 -0.34 0.00	21.55 -0.39 0.00	19.25 -0.53 0.00	16.30 -0.44 0.00	16.40 -0.47 0.00	36.49 -0.79 0.00	16.72 -0.46 0.00	14.93 -0.45 0.00	15.78 -0.28 0.00	13.62 -0.26 0.00	15.00 -0.27 0.00	14.95 -0.35 0.00	19.07 -0.70 0.00	25.09 -0.88 0.00	35.97 -1.65 0.00	37.54 -1.95 0.00	42.54 -2.13 0.00	31.22 -1.80 0.00	25.36 -1.56 0.00	16.76 -1.09 0.00	16.59 -0.86 0.00	15.69 -0.84 0.00
VALLEY___115KV_TB 1-4 80826	20.81 0.15 0.00	21.60 0.15 0.00	22.23 0.08 0.00	21.07 0.09 0.00	22.11 0.17 0.00	19.92 0.14 0.00	16.94 0.20 0.00	17.14 0.28 0.00	37.89 0.61 0.00	17.22 0.04 0.00	15.38 -0.01 0.00	16.04 -0.02 0.00	13.87 -0.01 0.00	15.23 -0.04 0.00	15.32 0.03 0.00	19.88 0.11 0.00	26.23 0.26 0.00	38.20 0.59 0.00	40.21 0.71 0.00	45.57 0.90 0.00	33.63 0.62 0.00	27.31 0.40 0.00	18.03 0.19 0.00	17.57 0.12 0.00	16.57 0.04 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E21.29 345011	22.09 0.63 0.00	22.06 0.61 0.00	22.77 0.63 0.00	21.56 0.59 0.00	22.59 0.65 0.00	20.37 0.59 0.00	17.28 0.55 0.00	17.47 0.61 0.00	38.65 1.37 0.00	17.75 0.56 0.00	15.95 0.56 0.00	16.73 0.67 0.00	14.45 0.57 0.00	15.88 0.61 0.00	15.86 0.56 0.00	20.46 0.69 0.00	26.75 0.78 0.00	38.73 1.11 0.00	40.60 1.11 0.00	45.99 1.31 0.00	33.97 0.96 0.00	27.67 0.75 0.00	18.30 0.46 0.00	17.88 0.43 0.00	16.93 0.40 0.00
VISCHER___FERRY HYD 24020	21.34 0.69 0.00	22.21 0.77 0.00	22.89 0.74 0.00	21.69 0.71 0.00	22.71 0.76 0.00	20.47 0.70 0.00	17.40 0.67 0.00	17.54 0.68 0.00	38.83 1.56 0.00	17.85 0.67 0.00	16.00 0.61 0.00	16.62 0.57 0.00	14.38 0.50 0.00	15.81 0.54 0.00	15.90 0.61 0.00	20.58 0.81 0.00	27.05 1.08 0.00	39.10 1.48 0.00	41.01 1.52 0.00	46.41 1.74 0.00	34.34 1.32 0.00	28.02 1.10 0.00	18.59 0.74 0.00	18.17 0.72 0.00	17.19 0.66 0.00
V_A_10_SYNC_DSASP 323832	19.64 -1.02 0.00	20.33 -1.12 0.00	21.21 -0.94 0.00	20.00 -0.98 0.00	20.84 -1.10 0.00	18.67 -1.11 0.00	15.82 -0.92 0.00	15.96 -0.91 0.00	35.23 -2.05 0.00	16.23 -0.95 0.00	14.45 -0.93 0.00	15.17 -0.89 0.00	13.10 -0.77 0.00	14.47 -0.80 0.00	14.39 -0.90 0.00	18.32 -1.45 0.00	24.07 -1.90 0.00	34.86 -2.75 0.00	36.45 -3.05 0.00	40.96 -3.71 0.00	30.14 -2.87 0.00	24.56 -2.35 0.00	16.34 -1.50 0.00	16.12 -1.33 0.00	15.31 -1.22 0.00
V_CMM_10_SYNC_DSASP 323787	20.88 0.22 0.00	21.71 0.26 0.00	22.46 0.32 0.00	21.31 0.33 0.00	22.27 0.33 0.00	20.05 0.28 0.00	16.90 0.16 0.00	17.01 0.15 0.00	37.58 0.30 0.00	17.32 0.14 0.00	15.51 0.12 0.00	16.15 0.10 0.00	13.94 0.06 0.00	15.35 0.08 0.00	15.37 0.08 0.00	19.97 0.19 0.00	26.25 0.28 0.00	38.16 0.55 0.00	40.11 0.61 0.00	45.27 0.59 0.00	33.43 0.41 0.00	27.27 0.36 0.00	18.08 0.23 0.00	17.68 0.22 0.00	16.72 0.19 0.00
V_CMP_10_SYNC_DSASP 323788	21.67 1.02 0.00	22.64 1.20 0.00	23.60 1.45 0.00	22.32 1.33 0.00	23.27 1.33 0.00	20.93 1.15 0.00	17.75 1.02 0.00	17.82 0.96 0.00	39.39 2.11 0.00	18.08 0.90 0.00	16.29 0.91 0.00	16.85 0.78 0.00	14.51 0.63 0.00	15.93 0.66 0.00	16.02 0.73 0.00	20.90 1.12 0.00	27.38 1.41 0.00	39.79 2.17 0.00	41.83 2.33 0.00	47.29 2.62 0.00	34.91 1.90 0.00	28.29 1.37 0.00	18.72 0.88 0.00	18.33 0.87 0.00	17.25 0.72 0.00
V_D_10_SYNC_DSASP 323841	20.97 0.31 0.00	21.79 0.35 0.00	22.55 0.41 0.00	21.40 0.41 0.00	22.37 0.43 0.00	20.13 0.36 0.00	16.97 0.23 0.00	17.08 0.22 0.00	37.73 0.45 0.00	17.39 0.21 0.00	15.57 0.18 0.00	16.22 0.16 0.00	13.99 0.11 0.00	15.41 0.14 0.00	15.44 0.14 0.00	20.05 0.28 0.00	26.37 0.39 0.00	38.32 0.70 0.00	40.27 0.77 0.00	45.45 0.77 0.00	33.56 0.55 0.00	27.38 0.46 0.00	18.14 0.30 0.00	17.74 0.29 0.00	16.79 0.26 0.00
V_E_10_SYNC_DSASP 323830	21.94 1.29 0.00	22.65 1.20 0.00	23.42 1.28 0.00	22.18 1.20 0.00	23.23 1.28 0.00	20.91 1.14 0.00	17.81 1.07 0.00	18.00 1.14 0.00	39.86 2.58 0.00	18.15 0.97 0.00	16.13 0.74 0.00	16.75 0.69 0.00	14.45 0.58 0.00	15.87 0.60 0.00	15.84 0.55 0.00	20.55 0.77 0.00	27.42 1.44 0.00	40.32 2.70 0.00	42.57 3.07 0.00	48.28 3.61 0.00	35.54 2.53 0.00	28.74 1.82 0.00	18.81 0.96 0.00	18.20 0.74 0.00	17.15 0.62 0.00
V_F_30_NSYNC___DSASP 323816	21.53 0.87 0.00	22.38 0.94 0.00	23.07 0.93 0.00	21.87 0.89 0.00	22.90 0.96 0.00	20.64 0.86 0.00	17.56 0.83 0.00	17.69 0.83 0.00	39.17 1.89 0.00	17.93 0.75 0.00	16.05 0.66 0.00	16.67 0.61 0.00	14.42 0.54 0.00	15.85 0.58 0.00	15.95 0.66 0.00	20.66 0.89 0.00	27.24 1.26 0.00	39.53 1.91 0.00	41.54 2.05 0.00	47.01 2.34 0.00	34.76 1.75 0.00	28.30 1.38 0.00	18.75 0.91 0.00	18.33 0.88 0.00	17.34 0.81 0.00

V_F_30_SYNC_DSASP 323786	21.26 0.61 0.00	22.12 0.67 0.00	22.78 0.64 0.00	21.58 0.60 0.00	22.64 0.70 0.00	20.40 0.63 0.00	17.29 0.56 0.00	17.44 0.57 0.00	38.60 1.32 0.00	17.77 0.59 0.00	15.93 0.54 0.00	16.60 0.55 0.00	14.36 0.48 0.00	15.79 0.52 0.00	15.87 0.58 0.00	20.52 0.75 0.00	26.93 0.96 0.00	38.91 1.30 0.00	40.81 1.31 0.00	46.17 1.50 0.00	34.16 1.15 0.00	27.87 0.95 0.00	18.48 0.63 0.00	18.05 0.60 0.00	17.08 0.55 0.00
V_XM_10_SYNC_DSASP 323789	21.67 1.02 0.00	22.64 1.20 0.00	23.60 1.45 0.00	22.32 1.33 0.00	23.27 1.33 0.00	20.93 1.15 0.00	17.75 1.02 0.00	17.82 0.96 0.00	39.39 2.11 0.00	18.08 0.90 0.00	16.29 0.91 0.00	16.85 0.78 0.00	14.51 0.63 0.00	15.93 0.66 0.00	16.02 0.73 0.00	20.90 1.12 0.00	27.38 1.41 0.00	39.79 2.17 0.00	41.83 2.33 0.00	47.29 2.62 0.00	34.91 1.90 0.00	28.29 1.37 0.00	18.72 0.88 0.00	18.33 0.87 0.00	17.25 0.72 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	21.38 0.73 0.00	22.29 0.84 0.00	22.93 0.79 0.00	21.60 0.62 0.00	22.58 0.64 0.00	20.32 0.55 0.00	17.23 0.49 0.00	17.37 0.51 0.00	38.70 1.42 0.00	17.95 0.77 0.00	16.08 0.70 0.00	16.85 0.79 0.00	14.58 0.70 0.00	16.04 0.77 0.00	16.10 0.81 0.00	20.74 0.97 0.00	27.19 1.22 0.00	39.05 1.43 0.00	41.03 1.53 0.00	46.66 1.99 0.00	34.51 1.50 0.00	28.12 1.20 0.00	18.63 0.78 0.00	18.20 0.75 0.00	17.19 0.66 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	21.43 0.77 0.00	22.35 0.91 0.00	22.99 0.85 0.00	21.65 0.67 0.00	22.64 0.70 0.00	20.37 0.60 0.00	17.27 0.53 0.00	17.40 0.54 0.00	38.77 1.49 0.00	17.98 0.80 0.00	16.14 0.75 0.00	16.92 0.86 0.00	14.65 0.78 0.00	16.13 0.86 0.00	16.19 0.90 0.00	20.86 1.08 0.00	27.29 1.32 0.00	39.10 1.49 0.00	41.06 1.57 0.00	46.65 1.98 0.00	34.54 1.53 0.00	28.19 1.27 0.00	18.68 0.84 0.00	18.25 0.80 0.00	17.24 0.71 0.00
W50THST__13_KV_LOAD 356117	21.54 0.88 0.00	22.46 1.02 0.00	23.11 0.96 0.00	21.76 0.78 0.00	22.75 0.81 0.00	20.48 0.70 0.00	17.36 0.63 0.00	17.49 0.63 0.00	38.97 1.69 0.00	18.08 0.90 0.00	16.23 0.85 0.00	17.03 0.97 0.00	14.75 0.87 0.00	16.23 0.96 0.00	16.30 1.01 0.00	20.99 1.22 0.00	27.46 1.49 0.00	39.33 1.71 0.00	41.27 1.77 0.00	46.88 2.21 0.00	34.71 1.70 0.00	28.33 1.42 0.00	18.78 0.94 0.00	18.35 0.90 0.00	17.34 0.80 0.00
WADING RIVER_IC_1 23522	21.54 0.88 0.00	22.73 1.28 0.00	23.29 1.14 0.00	21.85 0.87 0.00	22.75 0.81 0.00	20.53 0.76 0.00	17.35 0.62 0.00	17.44 0.58 0.00	39.04 1.76 0.00	18.16 0.98 0.00	16.28 0.89 0.00	17.09 1.03 0.00	14.74 0.87 0.00	16.27 1.01 0.00	16.40 1.11 0.00	21.19 1.42 0.00	27.76 1.79 0.00	39.63 2.02 0.00	41.81 2.31 0.00	47.42 2.75 0.00	35.13 2.12 0.00	28.76 1.84 0.00	19.00 1.16 0.00	18.60 1.15 0.00	17.52 0.99 0.00
WADING RIVER_IC_2 23547	21.54 0.88 0.00	22.73 1.28 0.00	23.29 1.14 0.00	21.85 0.87 0.00	22.75 0.81 0.00	20.53 0.76 0.00	17.35 0.62 0.00	17.44 0.58 0.00	39.04 1.76 0.00	18.16 0.98 0.00	16.28 0.89 0.00	17.09 1.03 0.00	14.74 0.87 0.00	16.27 1.01 0.00	16.40 1.11 0.00	21.19 1.42 0.00	27.76 1.79 0.00	39.63 2.02 0.00	41.81 2.31 0.00	47.42 2.75 0.00	35.13 2.12 0.00	28.76 1.84 0.00	19.00 1.16 0.00	18.60 1.15 0.00	17.52 0.99 0.00
WADING RIVER_IC_3 23601	21.54 0.88 0.00	22.73 1.28 0.00	23.29 1.14 0.00	21.85 0.87 0.00	22.75 0.81 0.00	20.53 0.76 0.00	17.35 0.62 0.00	17.44 0.58 0.00	39.04 1.76 0.00	18.16 0.98 0.00	16.28 0.89 0.00	17.09 1.03 0.00	14.74 0.87 0.00	16.27 1.01 0.00	16.40 1.11 0.00	21.19 1.42 0.00	27.76 1.79 0.00	39.63 2.02 0.00	41.81 2.31 0.00	47.42 2.75 0.00	35.13 2.12 0.00	28.76 1.84 0.00	19.00 1.16 0.00	18.60 1.15 0.00	17.52 0.99 0.00
WALDENNY_12_KV_BK2 80841	20.02 -0.64 0.00	20.71 -0.73 0.00	21.63 -0.52 0.00	20.38 -0.60 0.00	21.23 -0.72 0.00	18.98 -0.80 0.00	16.08 -0.65 0.00	16.24 -0.63 0.00	35.86 -1.42 0.00	16.49 -0.68 0.00	14.67 -0.72 0.00	15.42 -0.64 0.00	13.33 -0.55 0.00	14.72 -0.55 0.00	14.63 -0.66 0.00	18.59 -1.19 0.00	24.43 -1.55 0.00	35.35 -2.27 0.00	36.95 -2.55 0.00	41.53 -3.14 0.00	30.49 -2.53 0.00	24.80 -2.12 0.00	16.47 -1.37 0.00	16.28 -1.17 0.00	15.45 -1.08 0.00
WALDEN__HYDRO 24148	21.37 0.71 0.00	22.26 0.82 0.00	22.90 0.76 0.00	21.60 0.62 0.00	22.58 0.64 0.00	20.34 0.57 0.00	17.25 0.52 0.00	17.40 0.54 0.00	38.71 1.43 0.00	17.93 0.75 0.00	16.06 0.67 0.00	16.80 0.74 0.00	14.53 0.66 0.00	15.98 0.71 0.00	16.05 0.76 0.00	20.69 0.92 0.00	27.14 1.17 0.00	39.09 1.47 0.00	41.09 1.60 0.00	46.69 2.02 0.00	34.54 1.52 0.00	28.14 1.22 0.00	18.64 0.79 0.00	18.21 0.76 0.00	17.19 0.67 0.00
WARRENSBURG____ 23737	21.39 0.73 0.00	22.24 0.80 0.00	22.92 0.78 0.00	21.77 0.79 0.00	22.79 0.84 0.00	20.54 0.76 0.00	17.50 0.77 0.00	17.64 0.78 0.00	39.05 1.77 0.00	17.83 0.65 0.00	15.96 0.57 0.00	16.55 0.49 0.00	14.33 0.45 0.00	15.73 0.45 0.00	15.85 0.56 0.00	20.50 0.73 0.00	27.09 1.12 0.00	39.41 1.80 0.00	41.51 2.01 0.00	47.01 2.34 0.00	34.76 1.74 0.00	28.22 1.30 0.00	18.67 0.83 0.00	18.29 0.83 0.00	17.29 0.75 0.00
WATERSIDE__6 8 9 23538	21.47 0.81 0.00	22.41 0.97 0.00	23.05 0.91 0.00	21.70 0.72 0.00	22.69 0.75 0.00	20.41 0.64 0.00	17.30 0.57 0.00	17.43 0.57 0.00	38.80 1.52 0.00	18.03 0.85 0.00	16.18 0.79 0.00	16.96 0.90 0.00	14.70 0.82 0.00	16.17 0.90 0.00	16.24 0.95 0.00	20.90 1.13 0.00	27.33 1.36 0.00	39.12 1.50 0.00	41.07 1.58 0.00	46.68 2.01 0.00	34.60 1.59 0.00	28.26 1.35 0.00	18.72 0.87 0.00	18.28 0.83 0.00	17.28 0.74 0.00
WATKINRD_115KV_LN8_ILLION 55919	20.75 0.08 0.00	21.53 0.09 0.00	22.19 0.05 0.00	21.03 0.05 0.00	22.04 0.10 0.00	19.86 0.09 0.00	16.87 0.14 0.00	17.04 0.18 0.00	37.67 0.39 0.00	17.21 0.03 0.00	15.37 -0.01 0.00	16.04 -0.02 0.00	13.86 -0.01 0.00	15.23 -0.04 0.00	15.30 0.01 0.00	19.83 0.06 0.00	26.12 0.15 0.00	37.97 0.35 0.00	39.92 0.42 0.00	45.22 0.55 0.00	33.42 0.41 0.00	27.21 0.29 0.00	18.00 0.16 0.00	17.57 0.12 0.00	16.61 0.07 0.00
WATSON__69_KV_BK 1 55734	21.60 0.94 0.00	22.78 1.33 0.00	23.36 1.22 0.00	21.94 0.96 0.00	22.89 0.95 0.00	20.63 0.85 0.00	17.42 0.68 0.00	17.50 0.64 0.00	39.19 1.91 0.00	18.17 1.00 0.00	16.33 0.94 0.00	17.17 1.10 0.00	14.81 0.93 0.00	16.34 1.08 0.00	16.45 1.16 0.00	21.24 1.47 0.00	27.76 1.78 0.00	39.58 1.97 0.00	41.66 2.17 0.00	47.31 2.63 0.00	35.05 2.04 0.00	28.72 1.81 0.00	18.97 1.13 0.00	18.57 1.12 0.00	17.52 0.99 0.00
WDELAWARE__HYD 323627	21.60 0.94 0.00	22.48 1.04 0.00	23.14 0.99 0.00	21.83 0.85 0.00	22.83 0.89 0.00	20.55 0.78 0.00	17.45 0.71 0.00	17.60 0.73 0.00	39.16 1.88 0.00	18.11 0.94 0.00	16.20 0.81 0.00	16.91 0.85 0.00	14.62 0.75 0.00	16.08 0.81 0.00	16.14 0.85 0.00	20.83 1.05 0.00	27.38 1.41 0.00	39.57 1.96 0.00	41.67 2.18 0.00	47.34 2.67 0.00	35.00 1.99 0.00	28.51 1.59 0.00	18.87 1.03 0.00	18.41 0.96 0.00	17.37 0.84 0.00

WEST BABYLON___IC 23714	21.56 0.90 0.00	22.71 1.27 0.00	23.30 1.16 0.00	21.89 0.91 0.00	22.84 0.90 0.00	20.58 0.81 0.00	17.38 0.64 0.00	17.46 0.59 0.00	39.10 1.82 0.00	18.12 0.95 0.00	16.29 0.90 0.00	17.13 1.07 0.00	14.79 0.91 0.00	16.32 1.04 0.00	16.42 1.13 0.00	21.17 1.40 0.00	27.64 1.67 0.00	39.40 1.79 0.00	41.44 1.95 0.00	47.08 2.41 0.00	34.89 1.87 0.00	28.59 1.67 0.00	18.90 1.05 0.00	18.51 1.06 0.00	17.47 0.94 0.00
WEST CANADA___HYD 24049	20.68 0.02 0.00	21.47 0.02 0.00	22.14 0.00 0.00	20.98 0.00 0.00	21.96 0.02 0.00	19.80 0.02 0.00	16.77 0.03 0.00	16.91 0.05 0.00	37.39 0.11 0.00	17.21 0.03 0.00	15.42 0.03 0.00	16.09 0.03 0.00	13.91 0.03 0.00	15.30 0.03 0.00	15.32 0.03 0.00	19.81 0.04 0.00	26.01 0.04 0.00	37.66 0.05 0.00	39.54 0.04 0.00	44.76 0.08 0.00	33.08 0.07 0.00	26.97 0.06 0.00	17.88 0.03 0.00	17.47 0.02 0.00	16.55 0.02 0.00
WESTERN_NY_WIND 24143	20.19 -0.46 0.00	20.88 -0.57 0.00	21.77 -0.38 0.00	20.54 -0.44 0.00	21.39 -0.56 0.00	19.17 -0.61 0.00	16.26 -0.47 0.00	16.43 -0.44 0.00	36.25 -1.03 0.00	16.64 -0.54 0.00	14.68 -0.71 0.00	15.36 -0.70 0.00	13.25 -0.63 0.00	14.63 -0.64 0.00	14.57 -0.73 0.00	18.55 -1.22 0.00	24.49 -1.48 0.00	35.86 -1.76 0.00	37.67 -1.82 0.00	42.30 -2.37 0.00	31.12 -1.89 0.00	25.33 -1.59 0.00	16.82 -1.02 0.00	16.58 -0.88 0.00	15.74 -0.79 0.00
WESTOVER___LESR 323668	20.53 -0.13 0.00	21.20 -0.25 0.00	21.94 -0.21 0.00	20.74 -0.24 0.00	21.69 -0.25 0.00	19.51 -0.27 0.00	16.56 -0.17 0.00	16.75 -0.11 0.00	37.14 -0.14 0.00	17.01 -0.17 0.00	15.21 -0.18 0.00	15.96 -0.10 0.00	13.78 -0.10 0.00	15.15 -0.12 0.00	15.14 -0.15 0.00	19.46 -0.31 0.00	25.63 -0.34 0.00	37.04 -0.58 0.00	38.82 -0.68 0.00	44.10 -0.57 0.00	32.48 -0.54 0.00	26.40 -0.52 0.00	17.45 -0.39 0.00	17.10 -0.35 0.00	16.17 -0.36 0.00
WETHRSFD_WT_PWR 323626	20.10 -0.56 0.00	20.75 -0.69 0.00	21.63 -0.51 0.00	20.38 -0.60 0.00	21.24 -0.71 0.00	19.01 -0.77 0.00	16.10 -0.63 0.00	16.26 -0.60 0.00	35.96 -1.32 0.00	16.40 -0.78 0.00	14.54 -0.85 0.00	15.31 -0.75 0.00	13.23 -0.65 0.00	14.60 -0.67 0.00	14.54 -0.75 0.00	18.49 -1.28 0.00	24.42 -1.56 0.00	35.37 -2.24 0.00	36.87 -2.63 0.00	41.43 -3.24 0.00	30.33 -2.68 0.00	24.63 -2.28 0.00	16.25 -1.59 0.00	16.00 -1.45 0.00	15.11 -1.42 0.00
WHAVSTOR_138KV_BK127 55557	21.30 0.64 0.00	22.20 0.76 0.00	22.84 0.70 0.00	21.52 0.55 0.00	22.50 0.55 0.00	20.25 0.47 0.00	17.17 0.44 0.00	17.31 0.45 0.00	38.56 1.28 0.00	17.88 0.70 0.00	16.02 0.64 0.00	16.79 0.73 0.00	14.53 0.65 0.00	15.98 0.71 0.00	16.05 0.76 0.00	20.67 0.90 0.00	27.08 1.11 0.00	38.88 1.27 0.00	40.85 1.36 0.00	46.44 1.77 0.00	34.36 1.34 0.00	28.00 1.08 0.00	18.56 0.71 0.00	18.13 0.68 0.00	17.13 0.60 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	21.30 0.64 0.00	22.20 0.76 0.00	22.84 0.70 0.00	21.52 0.55 0.00	22.50 0.55 0.00	20.25 0.47 0.00	17.17 0.44 0.00	17.31 0.45 0.00	38.56 1.28 0.00	17.88 0.70 0.00	16.02 0.64 0.00	16.79 0.73 0.00	14.53 0.65 0.00	15.98 0.71 0.00	16.05 0.76 0.00	20.67 0.90 0.00	27.08 1.11 0.00	38.88 1.27 0.00	40.85 1.36 0.00	46.44 1.77 0.00	34.36 1.34 0.00	28.00 1.08 0.00	18.56 0.71 0.00	18.13 0.68 0.00	17.13 0.60 0.00
WHITEHAL_115KV_TB1 80871	21.79 1.14 0.00	22.71 1.27 0.00	23.46 1.32 0.00	22.42 1.45 0.00	23.36 1.42 0.00	21.11 1.33 0.00	18.13 1.40 0.00	18.27 1.41 0.00	40.30 3.02 0.00	18.21 1.04 0.00	16.34 0.95 0.00	16.79 0.73 0.00	14.61 0.73 0.00	16.06 0.79 0.00	16.31 1.01 0.00	20.99 1.21 0.00	28.05 2.08 0.00	40.75 3.13 0.00	43.12 3.62 0.00	48.92 4.25 0.00	36.18 3.16 0.00	29.14 2.22 0.00	19.26 1.42 0.00	18.95 1.50 0.00	17.93 1.40 0.00
WHITEPLN_13_KV_LOAD 356215	21.55 0.89 0.00	22.46 1.02 0.00	23.09 0.95 0.00	21.77 0.78 0.00	22.75 0.81 0.00	20.48 0.70 0.00	17.37 0.63 0.00	17.50 0.64 0.00	39.00 1.72 0.00	18.08 0.90 0.00	16.22 0.83 0.00	16.99 0.93 0.00	14.71 0.83 0.00	16.19 0.92 0.00	16.25 0.96 0.00	20.95 1.18 0.00	27.44 1.47 0.00	39.40 1.78 0.00	41.41 1.91 0.00	47.05 2.38 0.00	34.82 1.81 0.00	28.39 1.47 0.00	18.80 0.95 0.00	18.36 0.91 0.00	17.34 0.81 0.00
WM_FLOYD_69_KV_BK2 356380	21.52 0.86 0.00	22.69 1.25 0.00	23.26 1.12 0.00	21.84 0.86 0.00	22.76 0.82 0.00	20.53 0.75 0.00	17.34 0.61 0.00	17.43 0.57 0.00	39.01 1.73 0.00	18.12 0.94 0.00	16.25 0.86 0.00	17.06 1.00 0.00	14.71 0.83 0.00	16.24 0.97 0.00	16.36 1.07 0.00	21.13 1.36 0.00	27.67 1.69 0.00	39.50 1.88 0.00	41.66 2.16 0.00	47.28 2.61 0.00	35.01 2.00 0.00	28.67 1.75 0.00	18.95 1.11 0.00	18.55 1.10 0.00	17.48 0.95 0.00
WOODARD___115KV_TB2 355635	20.27 -0.39 0.00	20.97 -0.47 0.00	21.67 -0.47 0.00	20.53 -0.45 0.00	21.45 -0.49 0.00	19.37 -0.41 0.00	16.43 -0.31 0.00	16.56 -0.30 0.00	36.56 -0.72 0.00	16.83 -0.35 0.00	15.04 -0.34 0.00	15.71 -0.35 0.00	13.58 -0.30 0.00	14.94 -0.33 0.00	14.92 -0.38 0.00	19.21 -0.56 0.00	25.30 -0.67 0.00	36.70 -0.91 0.00	38.53 -0.97 0.00	43.56 -1.12 0.00	32.14 -0.87 0.00	26.18 -0.73 0.00	17.36 -0.48 0.00	17.00 -0.46 0.00	16.14 -0.39 0.00
YORK___WARBASSE 23770	21.55 0.89 0.00	22.48 1.03 0.00	23.12 0.98 0.00	21.78 0.80 0.00	22.76 0.81 0.00	20.47 0.69 0.00	17.35 0.61 0.00	17.49 0.63 0.00	38.94 1.66 0.00	18.08 0.90 0.00	16.23 0.84 0.00	17.01 0.95 0.00	14.73 0.85 0.00	16.22 0.95 0.00	16.29 0.99 0.00	20.97 1.20 0.00	27.42 1.44 0.00	39.22 1.60 0.00	41.19 1.70 0.00	46.86 2.19 0.00	34.75 1.74 0.00	28.38 1.46 0.00	18.80 0.96 0.00	18.35 0.90 0.00	17.34 0.80 0.00