

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Generator Data

03/12/2024

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	19.70	17.68	18.98	17.69	19.10	23.39	29.92	48.33	186.74	20.69	17.37	10.29	5.04	6.75	10.96	13.82	13.94	18.06	26.39	25.16	22.40	20.99	22.49	19.47
24138	0.85	0.72	0.66	0.70	0.62	0.78	1.64	2.93	10.46	1.06	0.79	0.50	0.24	0.33	0.60	0.81	0.85	0.97	1.17	1.20	0.91	0.76	0.72	0.47
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	19.68	17.66	18.96	17.67	19.09	23.37	29.87	48.24	186.24	20.64	17.33	10.27	5.02	6.72	10.93	13.77	13.90	18.01	26.34	25.14	22.39	20.99	22.49	19.48
24260	0.83	0.70	0.65	0.68	0.60	0.76	1.59	2.85	9.97	1.01	0.75	0.47	0.22	0.31	0.57	0.76	0.81	0.93	1.12	1.19	0.90	0.76	0.72	0.47
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	19.68	17.66	18.96	17.67	19.09	23.37	29.87	48.24	186.24	20.64	17.33	10.27	5.02	6.72	10.93	13.77	13.90	18.01	26.34	25.14	22.39	20.99	22.49	19.48
24261	0.83	0.70	0.65	0.68	0.60	0.76	1.59	2.85	9.97	1.01	0.75	0.47	0.22	0.31	0.57	0.76	0.81	0.93	1.12	1.19	0.90	0.76	0.72	0.47
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	19.56	17.57	18.94	17.62	19.09	23.48	29.73	48.30	185.86	20.29	16.90	10.00	4.88	6.53	10.56	13.40	13.53	17.81	26.46	25.30	22.60	21.19	22.62	19.52
24011	0.71	0.61	0.63	0.64	0.61	0.87	1.46	2.91	9.59	0.66	0.32	0.21	0.08	0.12	0.20	0.38	0.43	0.73	1.25	1.35	1.10	0.96	0.85	0.51
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	19.63	17.62	19.01	17.68	19.14	23.59	29.92	48.89	187.78	20.41	16.92	10.01	4.89	6.53	10.58	13.45	13.60	17.95	26.70	25.53	22.79	21.36	22.76	19.58
23798	0.78	0.67	0.69	0.70	0.66	0.98	1.64	3.49	11.50	0.77	0.33	0.21	0.09	0.12	0.21	0.44	0.50	0.86	1.48	1.58	1.30	1.13	0.98	0.58
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	19.56	17.57	18.94	17.62	19.09	23.48	29.73	48.30	185.86	20.29	16.90	10.00	4.88	6.53	10.56	13.40	13.53	17.81	26.46	25.30	22.60	21.19	22.62	19.52
24028	0.71	0.61	0.63	0.64	0.61	0.87	1.46	2.91	9.59	0.66	0.32	0.21	0.08	0.12	0.20	0.38	0.43	0.73	1.25	1.35	1.10	0.96	0.85	0.51
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	19.25	17.31	18.67	17.36	18.75	22.99	29.03	47.10	181.04	19.86	16.57	9.86	4.83	6.45	10.46	13.25	13.26	17.20	25.44	24.33	21.75	20.57	22.04	19.04
23527	0.40	0.35	0.35	0.37	0.27	0.38	0.76	1.71	4.76	0.23	0.00	0.07	0.03	0.04	0.10	0.23	0.16	0.11	0.23	0.39	0.25	0.33	0.27	0.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	19.33	17.38	18.74	17.42	18.86	23.09	29.13	47.07	181.35	20.03	16.84	9.98	4.88	6.53	10.58	13.35	13.42	17.47	25.78	24.58	21.96	20.66	22.19	19.25
24190	0.48	0.42	0.42	0.43	0.38	0.48	0.86	1.68	5.08	0.40	0.25	0.19	0.08	0.12	0.22	0.33	0.32	0.39	0.56	0.63	0.47	0.43	0.42	0.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	18.78	16.95	18.34	16.87	18.48	22.68	28.06	44.58	174.39	19.63	16.57	9.78	4.79	6.39	10.29	12.88	12.97	16.96	25.15	23.83	21.59	20.39	21.97	19.21
355683	-0.07	0.00	0.02	-0.12	0.00	0.07	-0.22	-0.81	-1.88	-0.01	-0.01	-0.01	-0.01	-0.02	-0.06	-0.13	-0.13	-0.12	-0.06	-0.12	0.10	0.16	0.19	0.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	19.49	17.53	18.90	17.58	19.06	23.34	29.40	47.43	182.95	20.20	16.98	10.05	4.91	6.57	10.63	13.39	13.48	17.63	26.08	24.88	22.24	20.93	22.47	19.51
323833	0.64	0.57	0.59	0.59	0.57	0.73	1.12	2.04	6.67	0.57	0.40	0.26	0.11	0.16	0.26	0.38	0.38	0.54	0.86	0.93	0.75	0.69	0.70	0.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	19.48	17.52	18.90	17.57	19.05	23.33	29.39	47.42	182.87	20.19	16.97	10.05	4.91	6.57	10.62	13.39	13.48	17.62	26.07	24.87	22.23	20.92	22.46	19.50
323834	0.63	0.56	0.58	0.58	0.57	0.72	1.11	2.03	6.59	0.56	0.39	0.26	0.11	0.16	0.26	0.37	0.38	0.54	0.86	0.92	0.74	0.69	0.69	0.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	19.33	17.38	18.74	17.42	18.86	23.09	29.13	47.07	181.35	20.03	16.84	9.98	4.88	6.53	10.58	13.35	13.42	17.47	25.78	24.58	21.96	20.66	22.19	19.25
23571	0.48	0.42	0.42	0.43	0.38	0.48	0.86	1.68	5.08	0.40	0.25	0.19	0.08	0.12	0.22	0.33	0.32	0.39	0.56	0.63	0.47	0.43	0.42	0.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00



ALBANY___2 23572	19.33 0.48 0.00	17.38 0.42 0.00	18.74 0.42 0.00	17.42 0.43 0.00	18.86 0.38 0.00	23.09 0.48 0.00	29.13 0.86 0.00	47.07 1.68 0.00	181.35 5.08 0.00	20.03 0.40 0.00	16.84 0.25 0.00	9.98 0.19 0.00	4.88 0.08 0.00	6.53 0.12 0.00	10.58 0.22 0.00	13.35 0.33 0.00	13.42 0.32 0.00	17.47 0.39 0.00	25.78 0.56 0.00	24.58 0.63 0.00	21.96 0.47 0.00	20.66 0.43 0.00	22.19 0.42 0.00	19.25 0.24 0.00
ALBANY___3 23573	19.33 0.48 0.00	17.38 0.42 0.00	18.74 0.42 0.00	17.42 0.43 0.00	18.86 0.38 0.00	23.09 0.48 0.00	29.13 0.86 0.00	47.07 1.68 0.00	181.35 5.08 0.00	20.03 0.40 0.00	16.84 0.25 0.00	9.98 0.19 0.00	4.88 0.08 0.00	6.53 0.12 0.00	10.58 0.22 0.00	13.35 0.33 0.00	13.42 0.32 0.00	17.47 0.39 0.00	25.78 0.56 0.00	24.58 0.63 0.00	21.96 0.47 0.00	20.66 0.43 0.00	22.19 0.42 0.00	19.25 0.24 0.00
ALBANY___4 23574	19.33 0.48 0.00	17.38 0.42 0.00	18.74 0.42 0.00	17.42 0.43 0.00	18.86 0.38 0.00	23.09 0.48 0.00	29.13 0.86 0.00	47.07 1.68 0.00	181.35 5.08 0.00	20.03 0.40 0.00	16.84 0.25 0.00	9.98 0.19 0.00	4.88 0.08 0.00	6.53 0.12 0.00	10.58 0.22 0.00	13.35 0.33 0.00	13.42 0.32 0.00	17.47 0.39 0.00	25.78 0.56 0.00	24.58 0.63 0.00	21.96 0.47 0.00	20.66 0.43 0.00	22.19 0.42 0.00	19.25 0.24 0.00
ALBANY___LFGE 323615	19.44 0.58 0.00	17.47 0.51 0.00	18.83 0.52 0.00	17.51 0.52 0.00	18.96 0.48 0.00	23.21 0.59 0.00	29.30 1.03 0.00	47.36 1.97 0.00	182.57 6.29 0.00	20.15 0.51 0.00	16.93 0.35 0.00	10.04 0.25 0.00	4.91 0.11 0.00	6.57 0.16 0.00	10.64 0.28 0.00	13.43 0.41 0.00	13.51 0.40 0.00	17.59 0.50 0.00	25.94 0.73 0.00	24.73 0.78 0.00	22.09 0.60 0.00	20.78 0.55 0.00	22.32 0.55 0.00	19.35 0.34 0.00
ALCOA_PA_115KV_PL-6C 55860	19.84 -0.06 -1.05	17.67 0.01 -0.70	18.96 0.05 -0.60	16.90 -0.09 0.00	18.51 0.03 0.00	22.74 0.13 0.00	28.11 -0.16 0.00	44.66 -0.73 0.00	174.58 -1.70 0.00	19.64 0.01 0.00	16.57 -0.01 0.00	9.78 -0.01 0.00	4.79 -0.01 0.00	6.39 -0.02 0.00	10.28 -0.07 0.00	12.87 -0.14 0.00	12.96 -0.14 0.00	16.96 -0.13 0.00	25.19 -0.02 0.00	23.88 -0.07 0.00	21.64 0.15 0.00	20.43 0.20 0.00	22.02 0.25 0.00	19.26 0.25 0.00
ALCOA_RYNLDS___DRP 24188	19.84 -0.06 -1.05	17.67 0.01 -0.70	18.96 0.05 -0.60	16.90 -0.09 0.00	18.51 0.03 0.00	22.74 0.13 0.00	28.11 -0.16 0.00	44.66 -0.73 0.00	174.58 -1.70 0.00	19.64 0.01 0.00	16.57 -0.01 0.00	9.78 -0.01 0.00	4.79 -0.01 0.00	6.39 -0.02 0.00	10.28 -0.07 0.00	12.87 -0.14 0.00	12.96 -0.14 0.00	16.96 -0.13 0.00	25.19 -0.02 0.00	23.88 -0.07 0.00	21.64 0.15 0.00	20.43 0.20 0.00	22.02 0.25 0.00	19.26 0.25 0.00
ALCOA___DSASP 323711	19.84 -0.06 -1.05	17.68 0.01 -0.70	18.96 0.05 -0.60	16.90 -0.09 0.00	18.51 0.03 0.00	22.75 0.13 0.00	28.11 -0.16 0.00	44.67 -0.73 0.00	174.58 -1.70 0.00	19.64 0.01 0.00	16.57 -0.01 0.00	9.78 -0.01 0.00	4.79 -0.01 0.00	6.39 -0.02 0.00	10.29 -0.07 0.00	12.87 -0.14 0.00	12.96 -0.14 0.00	16.96 -0.13 0.00	25.19 -0.02 0.00	23.88 -0.07 0.00	21.64 0.15 0.00	20.43 0.20 0.00	22.02 0.25 0.00	19.26 0.25 0.00
ALLEGHENY___COGEN 23514	18.53 -0.32 0.00	16.69 -0.27 0.00	18.03 -0.28 0.00	16.77 -0.21 0.00	18.48 0.00 0.00	22.47 -0.14 0.00	28.39 0.12 0.00	46.08 0.68 0.00	178.77 2.50 0.00	19.67 0.04 0.00	16.53 -0.05 0.00	9.58 -0.21 0.00	4.74 -0.06 0.00	6.31 -0.10 0.00	10.14 -0.21 0.00	12.66 -0.35 0.00	12.78 -0.32 0.00	16.81 -0.27 0.00	25.22 0.00 0.00	24.52 0.57 0.00	21.91 0.42 0.00	20.33 0.10 0.00	21.75 -0.02 0.00	18.73 -0.28 0.00
ALTAMONT_115KV_TB 2 55880	19.22 0.37 0.00	17.27 0.31 0.00	18.63 0.31 0.00	17.32 0.33 0.00	18.76 0.28 0.00	22.97 0.36 0.00	28.97 0.69 0.00	46.74 1.34 0.00	180.39 4.11 0.00	19.95 0.32 0.00	16.77 0.19 0.00	9.94 0.14 0.00	4.86 0.06 0.00	6.50 0.09 0.00	10.53 0.17 0.00	13.27 0.26 0.00	13.35 0.25 0.00	17.39 0.30 0.00	25.66 0.45 0.00	24.48 0.54 0.00	21.89 0.39 0.00	20.58 0.35 0.00	22.11 0.34 0.00	19.20 0.19 0.00
ALTONA_WT_PWR 323606	-21.05 -0.73 39.17	-9.87 -0.60 26.22	-4.57 -0.62 22.27	16.43 -0.56 0.00	18.02 -0.46 0.00	22.30 -0.31 0.00	27.69 -0.59 0.00	43.37 -2.02 0.00	170.84 -5.43 0.00	19.38 -0.26 0.00	16.26 -0.32 0.00	9.63 -0.16 0.00	4.70 -0.11 0.00	6.24 -0.17 0.00	9.95 -0.41 0.00	12.56 -0.45 0.00	12.69 -0.40 0.00	16.81 -0.28 0.00	25.40 0.18 0.00	24.27 0.32 0.00	21.92 0.42 0.00	20.83 0.59 0.00	22.44 0.67 0.00	19.67 0.66 0.00
AMERICAN_REF_FUEL 24010	16.83 -2.02 0.00	15.22 -1.74 0.00	16.66 -1.65 0.00	15.48 -1.51 0.00	17.05 -1.44 0.00	20.62 -2.00 0.00	25.55 -2.73 0.00	40.72 -4.68 0.00	159.90 -16.37 0.00	17.97 -1.67 0.00	15.62 -0.96 0.00	9.12 -0.67 0.00	4.56 -0.24 0.00	6.02 -0.39 0.00	9.67 -0.68 0.00	11.95 -1.06 0.00	12.06 -1.04 0.00	15.71 -1.38 0.00	23.06 -2.15 0.00	21.55 -2.40 0.00	19.02 -2.47 0.00	17.83 -2.41 0.00	19.29 -2.48 0.00	17.04 -1.97 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	17.15 -1.70 0.00	15.38 -1.58 0.00	16.98 -1.34 0.00	15.79 -1.20 0.00	17.16 -1.33 0.00	21.00 -1.61 0.00	26.63 -1.65 0.00	42.67 -2.73 0.00	166.91 -9.37 0.00	18.81 -0.82 0.00	16.36 -0.22 0.00	9.47 -0.32 0.00	4.76 -0.04 0.00	6.31 -0.09 0.00	10.17 -0.18 0.00	12.65 -0.36 0.00	12.72 -0.38 0.00	16.61 -0.47 0.00	24.42 -0.80 0.00	22.57 -1.38 0.00	19.83 -1.66 0.00	18.40 -1.83 0.00	19.87 -1.90 0.00	17.48 -1.53 0.00
ARTHUR KILL_GT_1 23520	19.73 0.88 0.00	17.70 0.74 0.00	19.02 0.71 0.00	17.73 0.74 0.00	19.16 0.68 0.00	23.45 0.84 0.00	29.93 1.65 0.00	48.22 2.82 0.00	185.30 9.02 0.00	20.62 0.99 0.00	17.31 0.73 0.00	10.24 0.45 0.00	5.00 0.20 0.00	6.69 0.28 0.00	10.89 0.54 0.00	13.73 0.72 0.00	13.86 0.77 0.00	17.97 0.89 0.00	26.24 1.02 0.00	25.11 1.16 0.00	22.36 0.87 0.00	20.97 0.74 0.00	22.47 0.70 0.00	19.48 0.47 0.00
ARTHUR_KILL_2 23512	19.67 0.82 0.00	17.65 0.69 0.00	18.97 0.66 0.00	17.68 0.69 0.00	19.11 0.63 0.00	23.39 0.77 0.00	29.84 1.56 0.00	48.07 2.68 0.00	184.76 8.48 0.00	20.56 0.93 0.00	17.26 0.68 0.00	10.21 0.42 0.00	4.99 0.19 0.00	6.68 0.27 0.00	10.87 0.52 0.00	13.70 0.69 0.00	13.83 0.73 0.00	17.93 0.84 0.00	26.16 0.95 0.00	25.03 1.08 0.00	22.29 0.80 0.00	20.91 0.67 0.00	22.41 0.63 0.00	19.43 0.42 0.00
ARTHUR_KILL_3 23513	19.47 0.62 0.00	17.47 0.52 0.00	18.76 0.45 0.00	17.49 0.50 0.00	18.88 0.40 0.00	23.11 0.50 0.00	29.56 1.28 0.00	47.70 2.30 0.00	184.12 7.84 0.00	20.39 0.75 0.00	17.11 0.53 0.00	10.14 0.35 0.00	4.96 0.16 0.00	6.64 0.23 0.00	10.80 0.45 0.00	13.62 0.61 0.00	13.74 0.64 0.00	17.80 0.71 0.00	26.02 0.81 0.00	24.83 0.88 0.00	22.12 0.63 0.00	20.74 0.51 0.00	22.23 0.46 0.00	19.26 0.26 0.00



ARTHUR_KILL_COGEN 323718	19.73 0.88 0.00	17.70 0.74 0.00	19.02 0.71 0.00	17.73 0.74 0.00	19.16 0.68 0.00	23.45 0.84 0.00	29.93 1.65 0.00	48.22 2.82 0.00	185.30 9.02 0.00	20.62 0.99 0.00	17.31 0.73 0.00	10.24 0.45 0.00	5.00 0.20 0.00	6.69 0.28 0.00	10.89 0.54 0.00	13.73 0.72 0.00	13.86 0.77 0.00	17.97 0.89 0.00	26.24 1.02 0.00	25.11 1.16 0.00	22.36 0.87 0.00	20.97 0.74 0.00	22.47 0.70 0.00	19.48 0.47 0.00
ASHOKAN____ 23654	19.60 0.75 0.00	17.59 0.63 0.00	18.95 0.64 0.00	17.62 0.63 0.00	19.10 0.61 0.00	23.41 0.80 0.00	29.68 1.40 0.00	48.04 2.64 0.00	185.14 8.86 0.00	20.32 0.69 0.00	17.00 0.42 0.00	10.04 0.25 0.00	4.89 0.09 0.00	6.53 0.12 0.00	10.64 0.28 0.00	13.41 0.39 0.00	13.54 0.44 0.00	17.81 0.73 0.00	26.53 1.32 0.00	25.47 1.52 0.00	22.74 1.25 0.00	21.35 1.11 0.00	22.85 1.08 0.00	19.77 0.77 0.00
ASTORIA_EAST_ENERGY_CC1 323581	19.58 0.73 0.00	17.55 0.59 0.00	18.85 0.53 0.00	17.56 0.57 0.00	18.97 0.48 0.00	23.17 0.56 0.00	29.57 1.30 0.00	47.84 2.44 0.00	184.62 8.35 0.00	20.49 0.86 0.00	17.20 0.62 0.00	10.18 0.39 0.00	4.98 0.18 0.00	6.66 0.25 0.00	10.84 0.48 0.00	13.66 0.65 0.00	13.80 0.70 0.00	17.86 0.77 0.00	26.00 0.78 0.00	24.89 0.95 0.00	22.20 0.71 0.00	20.83 0.60 0.00	22.29 0.52 0.00	19.37 0.36 0.00
ASTORIA_EAST_ENERGY_CC2 323582	19.58 0.73 0.00	17.55 0.59 0.00	18.85 0.53 0.00	17.56 0.57 0.00	18.97 0.48 0.00	23.17 0.55 0.00	29.57 1.30 0.00	47.84 2.44 0.00	184.62 8.35 0.00	20.49 0.86 0.00	17.20 0.62 0.00	10.18 0.39 0.00	4.98 0.18 0.00	6.66 0.25 0.00	10.84 0.48 0.00	13.66 0.65 0.00	13.80 0.70 0.00	17.86 0.77 0.00	26.00 0.78 0.00	24.89 0.95 0.00	22.20 0.71 0.00	20.83 0.60 0.00	22.29 0.52 0.00	19.37 0.36 0.00
ASTORIA_GT2_1 24094	19.58 0.73 0.00	17.55 0.60 0.00	18.85 0.53 0.00	17.57 0.58 0.00	18.97 0.49 0.00	23.18 0.57 0.00	29.59 1.32 0.00	47.86 2.47 0.00	184.70 8.42 0.00	20.51 0.87 0.00	17.21 0.63 0.00	10.19 0.40 0.00	4.98 0.18 0.00	6.66 0.25 0.00	10.84 0.49 0.00	13.66 0.66 0.00	13.80 0.71 0.00	17.86 0.77 0.00	26.01 0.80 0.00	24.91 0.96 0.00	22.22 0.73 0.00	20.84 0.61 0.00	22.30 0.53 0.00	19.38 0.37 0.00
ASTORIA_GT2_2 24095	19.58 0.73 0.00	17.55 0.60 0.00	18.85 0.53 0.00	17.57 0.58 0.00	18.97 0.49 0.00	23.18 0.57 0.00	29.59 1.32 0.00	47.86 2.47 0.00	184.70 8.42 0.00	20.51 0.87 0.00	17.21 0.63 0.00	10.19 0.40 0.00	4.98 0.18 0.00	6.66 0.25 0.00	10.84 0.49 0.00	13.66 0.66 0.00	13.80 0.71 0.00	17.86 0.77 0.00	26.01 0.80 0.00	24.91 0.96 0.00	22.22 0.73 0.00	20.84 0.61 0.00	22.30 0.53 0.00	19.38 0.37 0.00
ASTORIA_GT2_3 24096	19.58 0.73 0.00	17.55 0.60 0.00	18.85 0.53 0.00	17.57 0.58 0.00	18.97 0.49 0.00	23.18 0.57 0.00	29.59 1.32 0.00	47.86 2.47 0.00	184.70 8.42 0.00	20.51 0.87 0.00	17.21 0.63 0.00	10.19 0.40 0.00	4.98 0.18 0.00	6.66 0.25 0.00	10.84 0.49 0.00	13.66 0.66 0.00	13.80 0.71 0.00	17.86 0.77 0.00	26.01 0.80 0.00	24.91 0.96 0.00	22.22 0.73 0.00	20.84 0.61 0.00	22.30 0.53 0.00	19.38 0.37 0.00
ASTORIA_GT2_4 24097	19.58 0.73 0.00	17.55 0.60 0.00	18.85 0.53 0.00	17.57 0.58 0.00	18.97 0.49 0.00	23.18 0.57 0.00	29.59 1.32 0.00	47.86 2.47 0.00	184.70 8.42 0.00	20.51 0.87 0.00	17.21 0.63 0.00	10.19 0.40 0.00	4.98 0.18 0.00	6.66 0.25 0.00	10.84 0.49 0.00	13.66 0.66 0.00	13.80 0.71 0.00	17.86 0.77 0.00	26.01 0.80 0.00	24.91 0.96 0.00	22.22 0.73 0.00	20.84 0.61 0.00	22.30 0.53 0.00	19.38 0.37 0.00
ASTORIA_GT3_1 24098	19.58 0.73 0.00	17.55 0.60 0.00	18.85 0.53 0.00	17.57 0.58 0.00	18.97 0.49 0.00	23.18 0.57 0.00	29.59 1.32 0.00	47.86 2.47 0.00	184.70 8.42 0.00	20.51 0.87 0.00	17.21 0.63 0.00	10.19 0.40 0.00	4.98 0.18 0.00	6.66 0.25 0.00	10.84 0.49 0.00	13.66 0.66 0.00	13.80 0.71 0.00	17.86 0.77 0.00	26.01 0.80 0.00	24.91 0.96 0.00	22.22 0.73 0.00	20.84 0.61 0.00	22.30 0.53 0.00	19.38 0.37 0.00
ASTORIA_GT3_2 24099	19.58 0.73 0.00	17.55 0.60 0.00	18.85 0.53 0.00	17.57 0.58 0.00	18.97 0.49 0.00	23.18 0.57 0.00	29.59 1.32 0.00	47.86 2.47 0.00	184.70 8.42 0.00	20.51 0.87 0.00	17.21 0.63 0.00	10.19 0.40 0.00	4.98 0.18 0.00	6.66 0.25 0.00	10.84 0.49 0.00	13.66 0.66 0.00	13.80 0.71 0.00	17.86 0.77 0.00	26.01 0.80 0.00	24.91 0.96 0.00	22.22 0.73 0.00	20.84 0.61 0.00	22.30 0.53 0.00	19.38 0.37 0.00
ASTORIA_GT3_3 24100	19.58 0.73 0.00	17.55 0.60 0.00	18.85 0.53 0.00	17.57 0.58 0.00	18.97 0.49 0.00	23.18 0.57 0.00	29.59 1.32 0.00	47.86 2.47 0.00	184.70 8.42 0.00	20.51 0.87 0.00	17.21 0.63 0.00	10.19 0.40 0.00	4.98 0.18 0.00	6.66 0.25 0.00	10.84 0.49 0.00	13.66 0.66 0.00	13.80 0.71 0.00	17.86 0.77 0.00	26.01 0.80 0.00	24.91 0.96 0.00	22.22 0.73 0.00	20.84 0.61 0.00	22.30 0.53 0.00	19.38 0.37 0.00
ASTORIA_GT3_4 24101	19.58 0.73 0.00	17.55 0.60 0.00	18.85 0.53 0.00	17.57 0.58 0.00	18.97 0.49 0.00	23.18 0.57 0.00	29.59 1.32 0.00	47.86 2.47 0.00	184.70 8.42 0.00	20.51 0.87 0.00	17.21 0.63 0.00	10.19 0.40 0.00	4.98 0.18 0.00	6.66 0.25 0.00	10.84 0.49 0.00	13.66 0.66 0.00	13.80 0.71 0.00	17.86 0.77 0.00	26.01 0.80 0.00	24.91 0.96 0.00	22.22 0.73 0.00	20.84 0.61 0.00	22.30 0.53 0.00	19.38 0.37 0.00
ASTORIA_GT4_1 24102	19.58 0.73 0.00	17.55 0.60 0.00	18.85 0.53 0.00	17.57 0.58 0.00	18.97 0.49 0.00	23.18 0.57 0.00	29.59 1.32 0.00	47.86 2.47 0.00	184.70 8.42 0.00	20.51 0.87 0.00	17.21 0.63 0.00	10.19 0.40 0.00	4.98 0.18 0.00	6.66 0.25 0.00	10.84 0.49 0.00	13.66 0.66 0.00	13.80 0.71 0.00	17.86 0.77 0.00	26.01 0.80 0.00	24.91 0.96 0.00	22.22 0.73 0.00	20.84 0.61 0.00	22.30 0.53 0.00	19.38 0.37 0.00
ASTORIA_GT4_2 24103	19.58 0.73 0.00	17.55 0.60 0.00	18.85 0.53 0.00	17.57 0.58 0.00	18.97 0.49 0.00	23.18 0.57 0.00	29.59 1.32 0.00	47.86 2.47 0.00	184.70 8.42 0.00	20.51 0.87 0.00	17.21 0.63 0.00	10.19 0.40 0.00	4.98 0.18 0.00	6.66 0.25 0.00	10.84 0.49 0.00	13.66 0.66 0.00	13.80 0.71 0.00	17.86 0.77 0.00	26.01 0.80 0.00	24.91 0.96 0.00	22.22 0.73 0.00	20.84 0.61 0.00	22.30 0.53 0.00	19.38 0.37 0.00
ASTORIA_GT4_3 24104	19.58 0.73 0.00	17.55 0.60 0.00	18.85 0.53 0.00	17.57 0.58 0.00	18.97 0.49 0.00	23.18 0.57 0.00	29.59 1.32 0.00	47.86 2.47 0.00	184.70 8.42 0.00	20.51 0.87 0.00	17.21 0.63 0.00	10.19 0.40 0.00	4.98 0.18 0.00	6.66 0.25 0.00	10.84 0.49 0.00	13.66 0.66 0.00	13.80 0.71 0.00	17.86 0.77 0.00	26.01 0.80 0.00	24.91 0.96 0.00	22.22 0.73 0.00	20.84 0.61 0.00	22.30 0.53 0.00	19.38 0.37 0.00



ASTORIA_GT4_4 24105	19.58 0.73 0.00	17.55 0.60 0.00	18.85 0.53 0.00	17.57 0.58 0.00	18.97 0.49 0.00	23.18 0.57 0.00	29.59 1.32 0.00	47.86 2.47 0.00	184.70 8.42 0.00	20.51 0.87 0.00	17.21 0.63 0.00	10.19 0.40 0.00	4.98 0.18 0.00	6.66 0.25 0.00	10.84 0.49 0.00	13.66 0.66 0.00	13.80 0.71 0.00	17.86 0.77 0.00	26.01 0.80 0.00	24.91 0.96 0.00	22.22 0.73 0.00	20.84 0.61 0.00	22.30 0.53 0.00	19.38 0.37 0.00
ASTORIA_GT_1 23523	19.62 0.76 0.00	17.58 0.63 0.00	18.88 0.57 0.00	17.59 0.61 0.00	19.00 0.52 0.00	23.21 0.60 0.00	29.63 1.36 0.00	47.95 2.55 0.00	185.12 8.84 0.00	20.54 0.91 0.00	17.24 0.66 0.00	10.21 0.42 0.00	4.99 0.19 0.00	6.68 0.27 0.00	10.86 0.51 0.00	13.69 0.68 0.00	13.83 0.73 0.00	17.90 0.81 0.00	26.07 0.85 0.00	24.96 1.01 0.00	22.26 0.76 0.00	20.87 0.64 0.00	22.34 0.57 0.00	19.41 0.40 0.00
ASTORIA_GT_10 24110	19.55 0.70 0.00	17.55 0.60 0.00	18.84 0.53 0.00	17.57 0.58 0.00	18.96 0.48 0.00	23.19 0.58 0.00	29.63 1.35 0.00	47.87 2.48 0.00	184.79 8.51 0.00	20.50 0.86 0.00	17.21 0.63 0.00	10.21 0.42 0.00	4.99 0.19 0.00	6.68 0.27 0.00	10.87 0.51 0.00	13.70 0.69 0.00	13.83 0.74 0.00	17.88 0.80 0.00	26.11 0.89 0.00	24.95 1.00 0.00	22.23 0.74 0.00	20.84 0.61 0.00	22.32 0.55 0.00	19.35 0.34 0.00
ASTORIA_GT_11 24225	19.55 0.70 0.00	17.55 0.60 0.00	18.84 0.53 0.00	17.57 0.58 0.00	18.96 0.48 0.00	23.19 0.58 0.00	29.63 1.35 0.00	47.87 2.48 0.00	184.79 8.51 0.00	20.50 0.86 0.00	17.21 0.63 0.00	10.21 0.42 0.00	4.99 0.19 0.00	6.68 0.27 0.00	10.87 0.51 0.00	13.70 0.69 0.00	13.83 0.74 0.00	17.88 0.80 0.00	26.11 0.89 0.00	24.95 1.00 0.00	22.23 0.74 0.00	20.84 0.61 0.00	22.32 0.55 0.00	19.35 0.34 0.00
ASTORIA_GT_12 24226	19.55 0.70 0.00	17.55 0.60 0.00	18.84 0.53 0.00	17.57 0.58 0.00	18.96 0.48 0.00	23.19 0.58 0.00	29.63 1.35 0.00	47.87 2.48 0.00	184.79 8.51 0.00	20.50 0.86 0.00	17.21 0.63 0.00	10.21 0.42 0.00	4.99 0.19 0.00	6.68 0.27 0.00	10.87 0.51 0.00	13.70 0.69 0.00	13.83 0.74 0.00	17.88 0.80 0.00	26.11 0.89 0.00	24.95 1.00 0.00	22.23 0.74 0.00	20.84 0.61 0.00	22.32 0.55 0.00	19.35 0.34 0.00
ASTORIA_GT_13 24227	19.55 0.70 0.00	17.55 0.60 0.00	18.84 0.53 0.00	17.57 0.58 0.00	18.96 0.48 0.00	23.19 0.58 0.00	29.63 1.35 0.00	47.87 2.48 0.00	184.79 8.51 0.00	20.50 0.86 0.00	17.21 0.63 0.00	10.21 0.42 0.00	4.99 0.19 0.00	6.68 0.27 0.00	10.87 0.51 0.00	13.70 0.69 0.00	13.83 0.74 0.00	17.88 0.80 0.00	26.11 0.89 0.00	24.95 1.00 0.00	22.23 0.74 0.00	20.84 0.61 0.00	22.32 0.55 0.00	19.35 0.34 0.00
ASTORIA_GT_5 24106	19.61 0.76 0.00	17.58 0.62 0.00	18.88 0.56 0.00	17.59 0.60 0.00	19.00 0.52 0.00	23.22 0.60 0.00	29.63 1.36 0.00	47.95 2.56 0.00	185.13 8.85 0.00	20.55 0.91 0.00	17.24 0.66 0.00	10.21 0.42 0.00	4.99 0.19 0.00	6.68 0.27 0.00	10.86 0.51 0.00	13.69 0.68 0.00	13.83 0.73 0.00	17.90 0.81 0.00	26.06 0.85 0.00	24.95 1.00 0.00	22.26 0.76 0.00	20.87 0.64 0.00	22.34 0.57 0.00	19.41 0.40 0.00
ASTORIA_GT_7 24107	19.61 0.76 0.00	17.58 0.62 0.00	18.88 0.56 0.00	17.59 0.60 0.00	19.00 0.52 0.00	23.22 0.60 0.00	29.63 1.36 0.00	47.95 2.56 0.00	185.13 8.85 0.00	20.55 0.91 0.00	17.24 0.66 0.00	10.21 0.42 0.00	4.99 0.19 0.00	6.68 0.27 0.00	10.86 0.51 0.00	13.69 0.68 0.00	13.83 0.73 0.00	17.90 0.81 0.00	26.06 0.85 0.00	24.95 1.00 0.00	22.26 0.76 0.00	20.87 0.64 0.00	22.34 0.57 0.00	19.41 0.40 0.00
ASTORIA_GT_8 24108	19.61 0.76 0.00	17.58 0.62 0.00	18.88 0.56 0.00	17.59 0.60 0.00	19.00 0.52 0.00	23.22 0.60 0.00	29.63 1.36 0.00	47.95 2.56 0.00	185.13 8.85 0.00	20.55 0.91 0.00	17.24 0.66 0.00	10.21 0.42 0.00	4.99 0.19 0.00	6.68 0.27 0.00	10.86 0.51 0.00	13.69 0.68 0.00	13.83 0.73 0.00	17.90 0.81 0.00	26.06 0.85 0.00	24.95 1.00 0.00	22.26 0.76 0.00	20.87 0.64 0.00	22.34 0.57 0.00	19.41 0.40 0.00
ASTORIA___2 24149	19.58 0.73 0.00	17.55 0.60 0.00	18.85 0.53 0.00	17.57 0.58 0.00	18.97 0.49 0.00	23.18 0.57 0.00	29.59 1.32 0.00	47.86 2.47 0.00	184.70 8.43 0.00	20.50 0.87 0.00	17.21 0.63 0.00	10.19 0.40 0.00	4.98 0.18 0.00	6.66 0.25 0.00	10.84 0.49 0.00	13.66 0.66 0.00	13.80 0.71 0.00	17.86 0.77 0.00	26.02 0.80 0.00	24.91 0.96 0.00	22.22 0.73 0.00	20.84 0.61 0.00	22.30 0.53 0.00	19.38 0.37 0.00
ASTORIA___3 23516	19.55 0.70 0.00	17.56 0.60 0.00	18.84 0.53 0.00	17.57 0.58 0.00	18.96 0.48 0.00	23.19 0.58 0.00	29.63 1.35 0.00	47.87 2.47 0.00	184.79 8.51 0.00	20.50 0.86 0.00	17.21 0.63 0.00	10.21 0.42 0.00	4.99 0.19 0.00	6.68 0.27 0.00	10.87 0.51 0.00	13.70 0.69 0.00	13.83 0.74 0.00	17.88 0.80 0.00	26.11 0.89 0.00	24.95 1.00 0.00	22.23 0.74 0.00	20.84 0.61 0.00	22.32 0.55 0.00	19.35 0.34 0.00
ASTORIA___4 23517	19.55 0.70 0.00	17.55 0.60 0.00	18.84 0.53 0.00	17.57 0.58 0.00	18.96 0.48 0.00	23.19 0.58 0.00	29.63 1.35 0.00	47.87 2.48 0.00	184.79 8.51 0.00	20.50 0.86 0.00	17.21 0.63 0.00	10.21 0.42 0.00	4.99 0.19 0.00	6.68 0.27 0.00	10.87 0.51 0.00	13.70 0.69 0.00	13.83 0.74 0.00	17.88 0.80 0.00	26.11 0.89 0.00	24.95 1.00 0.00	22.23 0.74 0.00	20.84 0.61 0.00	22.32 0.55 0.00	19.35 0.34 0.00
ASTORIA___5 23518	19.55 0.70 0.00	17.56 0.60 0.00	18.84 0.53 0.00	17.57 0.58 0.00	18.96 0.48 0.00	23.19 0.58 0.00	29.63 1.35 0.00	47.87 2.47 0.00	184.79 8.51 0.00	20.50 0.86 0.00	17.21 0.63 0.00	10.21 0.42 0.00	4.99 0.19 0.00	6.68 0.27 0.00	10.87 0.51 0.00	13.70 0.69 0.00	13.83 0.74 0.00	17.88 0.80 0.00	26.11 0.89 0.00	24.95 1.00 0.00	22.23 0.74 0.00	20.84 0.61 0.00	22.32 0.55 0.00	19.35 0.34 0.00
AST_ENERGY_2_CC3 323677	19.56 0.71 0.00	17.55 0.60 0.00	18.85 0.53 0.00	17.57 0.58 0.00	18.97 0.49 0.00	23.19 0.58 0.00	29.64 1.36 0.00	47.87 2.47 0.00	184.98 8.70 0.00	20.47 0.84 0.00	17.18 0.60 0.00	10.18 0.39 0.00	4.98 0.18 0.00	6.67 0.26 0.00	10.84 0.49 0.00	13.68 0.67 0.00	13.81 0.71 0.00	17.89 0.81 0.00	26.13 0.91 0.00	24.92 0.97 0.00	22.21 0.72 0.00	20.83 0.60 0.00	22.32 0.55 0.00	19.35 0.34 0.00
AST_ENERGY_2_CC4 323678	19.56 0.71 0.00	17.55 0.60 0.00	18.85 0.53 0.00	17.57 0.58 0.00	18.97 0.49 0.00	23.19 0.58 0.00	29.64 1.36 0.00	47.87 2.47 0.00	184.98 8.70 0.00	20.47 0.84 0.00	17.18 0.60 0.00	10.18 0.39 0.00	4.98 0.18 0.00	6.67 0.26 0.00	10.84 0.49 0.00	13.68 0.67 0.00	13.81 0.71 0.00	17.89 0.81 0.00	26.13 0.91 0.00	24.92 0.97 0.00	22.21 0.72 0.00	20.83 0.60 0.00	22.32 0.55 0.00	19.35 0.34 0.00



ATHENS_STG_1 23668	19.21 0.36 0.00	17.25 0.29 0.00	18.59 0.28 0.00	17.29 0.30 0.00	18.71 0.23 0.00	22.90 0.29 0.00	28.98 0.71 0.00	46.77 1.37 0.00	180.54 4.26 0.00	19.98 0.34 0.00	16.80 0.22 0.00	9.95 0.16 0.00	4.87 0.07 0.00	6.52 0.11 0.00	10.57 0.21 0.00	13.32 0.31 0.00	13.41 0.31 0.00	17.42 0.34 0.00	25.65 0.43 0.00	24.46 0.51 0.00	21.85 0.35 0.00	20.53 0.29 0.00	22.05 0.28 0.00	19.14 0.13 0.00
ATHENS_STG_2 23670	19.21 0.36 0.00	17.25 0.29 0.00	18.59 0.28 0.00	17.29 0.30 0.00	18.71 0.23 0.00	22.90 0.29 0.00	28.98 0.71 0.00	46.77 1.37 0.00	180.54 4.26 0.00	19.98 0.34 0.00	16.80 0.22 0.00	9.95 0.16 0.00	4.87 0.07 0.00	6.52 0.11 0.00	10.57 0.21 0.00	13.32 0.31 0.00	13.41 0.31 0.00	17.42 0.34 0.00	25.65 0.43 0.00	24.46 0.51 0.00	21.85 0.35 0.00	20.53 0.29 0.00	22.05 0.28 0.00	19.14 0.13 0.00
ATHENS_STG_3 23677	19.21 0.36 0.00	17.25 0.29 0.00	18.59 0.28 0.00	17.29 0.30 0.00	18.71 0.23 0.00	22.90 0.29 0.00	28.98 0.71 0.00	46.77 1.37 0.00	180.54 4.26 0.00	19.98 0.34 0.00	16.80 0.22 0.00	9.95 0.16 0.00	4.87 0.07 0.00	6.52 0.11 0.00	10.57 0.21 0.00	13.32 0.31 0.00	13.41 0.31 0.00	17.42 0.34 0.00	25.65 0.43 0.00	24.46 0.51 0.00	21.85 0.35 0.00	20.53 0.29 0.00	22.05 0.28 0.00	19.14 0.13 0.00
AUBURN___LFGE 323710	18.84 -0.01 0.00	16.93 -0.03 0.00	18.29 -0.03 0.00	16.99 0.01 0.00	18.56 0.08 0.00	22.64 0.02 0.00	28.29 0.01 0.00	45.51 0.11 0.00	176.24 -0.04 0.00	19.55 -0.08 0.00	16.58 0.00 0.00	9.72 -0.07 0.00	4.79 -0.01 0.00	6.38 -0.03 0.00	10.34 -0.03 0.00	12.96 -0.05 0.00	13.05 -0.04 0.00	17.08 -0.01 0.00	25.32 0.10 0.00	24.13 0.18 0.00	21.53 0.04 0.00	20.21 -0.02 0.00	21.71 -0.06 0.00	18.93 -0.08 0.00
BABYLON_RES_REC 323704	19.88 1.03 0.00	17.79 0.84 0.00	19.10 0.78 0.00	17.80 0.81 0.00	19.17 0.69 0.00	23.56 0.95 0.00	30.18 1.91 0.00	48.39 3.00 0.00	186.70 10.43 0.00	20.71 1.07 0.00	17.28 0.70 0.00	10.16 0.37 0.00	4.96 0.15 0.00	6.61 0.20 0.00	10.75 0.39 0.00	13.67 0.66 0.00	13.98 0.89 0.00	18.06 0.97 0.00	26.44 1.22 0.00	25.29 1.34 0.00	22.48 0.98 0.00	21.02 0.79 0.00	22.62 0.85 0.00	19.58 0.57 0.00
BABYLON__69_KV_BK2 356345	20.07 1.22 0.00	17.95 1.00 0.00	19.27 0.95 0.00	17.96 0.97 0.00	19.34 0.86 0.00	23.78 1.17 0.00	30.49 2.21 0.00	48.84 3.44 0.00	188.55 12.27 0.00	20.90 1.27 0.00	17.42 0.84 0.00	10.23 0.44 0.00	4.99 0.19 0.00	6.65 0.24 0.00	10.81 0.46 0.00	13.78 0.77 0.00	14.13 1.03 0.00	18.24 1.15 0.00	26.70 1.48 0.00	25.56 1.60 0.00	22.69 1.20 0.00	21.21 0.97 0.00	22.82 1.05 0.00	19.75 0.74 0.00
BALL_HILL_WT_PWR 323825	17.41 -1.45 0.00	15.65 -1.30 0.00	17.13 -1.19 0.00	15.93 -1.06 0.00	17.45 -1.03 0.00	21.22 -1.40 0.00	26.61 -1.67 0.00	42.69 -2.70 0.00	166.96 -9.32 0.00	18.75 -0.89 0.00	16.23 -0.34 0.00	9.42 -0.37 0.00	4.73 -0.07 0.00	6.26 -0.15 0.00	10.07 -0.28 0.00	12.50 -0.51 0.00	12.58 -0.52 0.00	16.42 -0.67 0.00	24.16 -1.06 0.00	22.58 -1.37 0.00	19.92 -1.57 0.00	18.60 -1.63 0.00	20.11 -1.66 0.00	17.65 -1.36 0.00
BARON_WINDS___WT_PWR 323822	17.89 -0.96 0.00	16.12 -0.84 0.00	17.31 -1.01 0.00	16.14 -0.85 0.00	17.74 -0.74 0.00	21.54 -1.08 0.00	27.30 -0.97 0.00	44.58 -0.82 0.00	172.89 -3.38 0.00	19.47 -0.17 0.00	16.45 -0.13 0.00	9.51 -0.28 0.00	4.72 -0.08 0.00	6.29 -0.12 0.00	10.12 -0.24 0.00	12.70 -0.31 0.00	12.77 -0.33 0.00	16.84 -0.25 0.00	25.08 -0.14 0.00	24.14 0.19 0.00	21.58 0.09 0.00	19.97 -0.26 0.00	21.40 -0.37 0.00	18.15 -0.86 0.00
BARRETT_IC_1 23704	19.75 0.90 0.00	17.69 0.73 0.00	18.97 0.65 0.00	17.67 0.68 0.00	19.02 0.54 0.00	23.36 0.75 0.00	29.88 1.60 0.00	47.81 2.41 0.00	183.39 7.12 0.00	20.51 0.88 0.00	17.23 0.65 0.00	10.17 0.38 0.00	4.97 0.17 0.00	6.62 0.21 0.00	10.76 0.41 0.00	13.65 0.64 0.00	13.85 0.75 0.00	17.90 0.81 0.00	26.16 0.94 0.00	24.98 1.03 0.00	22.25 0.75 0.00	20.87 0.64 0.00	22.48 0.71 0.00	19.45 0.45 0.00
BARRETT_IC_10 23701	19.75 0.90 0.00	17.69 0.73 0.00	18.97 0.65 0.00	17.67 0.68 0.00	19.02 0.54 0.00	23.36 0.75 0.00	29.88 1.60 0.00	47.81 2.41 0.00	183.39 7.12 0.00	20.51 0.88 0.00	17.23 0.65 0.00	10.17 0.38 0.00	4.97 0.17 0.00	6.62 0.21 0.00	10.76 0.41 0.00	13.65 0.64 0.00	13.85 0.75 0.00	17.90 0.81 0.00	26.16 0.94 0.00	24.98 1.03 0.00	22.25 0.75 0.00	20.87 0.64 0.00	22.48 0.71 0.00	19.45 0.45 0.00
BARRETT_IC_11 23702	19.75 0.90 0.00	17.69 0.73 0.00	18.97 0.65 0.00	17.67 0.68 0.00	19.02 0.54 0.00	23.36 0.75 0.00	29.88 1.60 0.00	47.81 2.41 0.00	183.39 7.12 0.00	20.51 0.88 0.00	17.23 0.65 0.00	10.17 0.38 0.00	4.97 0.17 0.00	6.62 0.21 0.00	10.76 0.41 0.00	13.65 0.64 0.00	13.85 0.75 0.00	17.90 0.81 0.00	26.16 0.94 0.00	24.98 1.03 0.00	22.25 0.75 0.00	20.87 0.64 0.00	22.48 0.71 0.00	19.45 0.45 0.00
BARRETT_IC_12 23703	19.75 0.90 0.00	17.69 0.73 0.00	18.97 0.65 0.00	17.67 0.68 0.00	19.02 0.54 0.00	23.36 0.75 0.00	29.88 1.60 0.00	47.81 2.41 0.00	183.39 7.12 0.00	20.51 0.88 0.00	17.23 0.65 0.00	10.17 0.38 0.00	4.97 0.17 0.00	6.62 0.21 0.00	10.76 0.41 0.00	13.65 0.64 0.00	13.85 0.75 0.00	17.90 0.81 0.00	26.16 0.94 0.00	24.98 1.03 0.00	22.25 0.75 0.00	20.87 0.64 0.00	22.48 0.71 0.00	19.45 0.45 0.00
BARRETT_IC_2 23705	19.75 0.90 0.00	17.69 0.73 0.00	18.97 0.65 0.00	17.67 0.68 0.00	19.02 0.54 0.00	23.36 0.75 0.00	29.88 1.60 0.00	47.81 2.41 0.00	183.39 7.12 0.00	20.51 0.88 0.00	17.23 0.65 0.00	10.17 0.38 0.00	4.97 0.17 0.00	6.62 0.21 0.00	10.76 0.41 0.00	13.65 0.64 0.00	13.85 0.75 0.00	17.90 0.81 0.00	26.16 0.94 0.00	24.98 1.03 0.00	22.25 0.75 0.00	20.87 0.64 0.00	22.48 0.71 0.00	19.45 0.45 0.00
BARRETT_IC_3 23706	19.75 0.90 0.00	17.69 0.73 0.00	18.97 0.65 0.00	17.67 0.68 0.00	19.02 0.54 0.00	23.36 0.75 0.00	29.88 1.60 0.00	47.81 2.41 0.00	183.39 7.12 0.00	20.51 0.88 0.00	17.23 0.65 0.00	10.17 0.38 0.00	4.97 0.17 0.00	6.62 0.21 0.00	10.76 0.41 0.00	13.65 0.64 0.00	13.85 0.75 0.00	17.90 0.81 0.00	26.16 0.94 0.00	24.98 1.03 0.00	22.25 0.75 0.00	20.87 0.64 0.00	22.48 0.71 0.00	19.45 0.45 0.00
BARRETT_IC_4 23707	19.75 0.90 0.00	17.69 0.73 0.00	18.97 0.65 0.00	17.67 0.68 0.00	19.02 0.54 0.00	23.36 0.75 0.00	29.88 1.60 0.00	47.81 2.41 0.00	183.39 7.12 0.00	20.51 0.88 0.00	17.23 0.65 0.00	10.17 0.38 0.00	4.97 0.17 0.00	6.62 0.21 0.00	10.76 0.41 0.00	13.65 0.64 0.00	13.85 0.75 0.00	17.90 0.81 0.00	26.16 0.94 0.00	24.98 1.03 0.00	22.25 0.75 0.00	20.87 0.64 0.00	22.48 0.71 0.00	19.45 0.45 0.00



BARRETT_IC_5 23708	19.75 0.90 0.00	17.69 0.73 0.00	18.97 0.65 0.00	17.67 0.68 0.00	19.02 0.54 0.00	23.36 0.75 0.00	29.88 1.60 0.00	47.81 2.41 0.00	183.39 7.12 0.00	20.51 0.88 0.00	17.23 0.65 0.00	10.17 0.38 0.00	4.97 0.17 0.00	6.62 0.21 0.00	10.76 0.41 0.00	13.65 0.64 0.00	13.85 0.75 0.00	17.90 0.81 0.00	26.16 0.94 0.00	24.98 1.03 0.00	22.25 0.75 0.00	20.87 0.64 0.00	22.48 0.71 0.00	19.45 0.45 0.00
BARRETT_IC_6 23709	19.75 0.90 0.00	17.69 0.73 0.00	18.97 0.65 0.00	17.67 0.68 0.00	19.02 0.54 0.00	23.36 0.75 0.00	29.88 1.60 0.00	47.81 2.41 0.00	183.39 7.12 0.00	20.51 0.88 0.00	17.23 0.65 0.00	10.17 0.38 0.00	4.97 0.17 0.00	6.62 0.21 0.00	10.76 0.41 0.00	13.65 0.64 0.00	13.85 0.75 0.00	17.90 0.81 0.00	26.16 0.94 0.00	24.98 1.03 0.00	22.25 0.75 0.00	20.87 0.64 0.00	22.48 0.71 0.00	19.45 0.45 0.00
BARRETT_IC_7 23710	19.75 0.90 0.00	17.69 0.73 0.00	18.97 0.65 0.00	17.67 0.68 0.00	19.02 0.54 0.00	23.36 0.75 0.00	29.88 1.60 0.00	47.81 2.41 0.00	183.40 7.12 0.00	20.51 0.88 0.00	17.23 0.65 0.00	10.17 0.38 0.00	4.97 0.17 0.00	6.62 0.21 0.00	10.76 0.41 0.00	13.65 0.64 0.00	13.85 0.75 0.00	17.90 0.81 0.00	26.15 0.94 0.00	24.98 1.03 0.00	22.25 0.75 0.00	20.87 0.64 0.00	22.48 0.71 0.00	19.45 0.45 0.00
BARRETT_IC_8 23711	19.75 0.90 0.00	17.69 0.73 0.00	18.97 0.65 0.00	17.67 0.68 0.00	19.02 0.54 0.00	23.36 0.75 0.00	29.88 1.60 0.00	47.81 2.41 0.00	183.39 7.12 0.00	20.51 0.88 0.00	17.23 0.65 0.00	10.17 0.38 0.00	4.97 0.17 0.00	6.62 0.21 0.00	10.76 0.41 0.00	13.65 0.64 0.00	13.85 0.75 0.00	17.90 0.81 0.00	26.16 0.94 0.00	24.98 1.03 0.00	22.25 0.75 0.00	20.87 0.64 0.00	22.48 0.71 0.00	19.45 0.45 0.00
BARRETT_IC_9 23700	19.75 0.90 0.00	17.69 0.73 0.00	18.97 0.65 0.00	17.67 0.68 0.00	19.02 0.54 0.00	23.36 0.75 0.00	29.88 1.60 0.00	47.81 2.41 0.00	183.39 7.12 0.00	20.51 0.88 0.00	17.23 0.65 0.00	10.17 0.38 0.00	4.97 0.17 0.00	6.62 0.21 0.00	10.76 0.41 0.00	13.65 0.64 0.00	13.85 0.75 0.00	17.90 0.81 0.00	26.16 0.94 0.00	24.98 1.03 0.00	22.25 0.75 0.00	20.87 0.64 0.00	22.48 0.71 0.00	19.45 0.45 0.00
BARRETT___1 23545	19.75 0.90 0.00	17.69 0.73 0.00	18.97 0.65 0.00	17.67 0.68 0.00	19.02 0.54 0.00	23.36 0.75 0.00	29.88 1.60 0.00	47.81 2.41 0.00	183.39 7.12 0.00	20.51 0.88 0.00	17.23 0.65 0.00	10.17 0.38 0.00	4.97 0.17 0.00	6.62 0.21 0.00	10.76 0.41 0.00	13.65 0.64 0.00	13.85 0.75 0.00	17.90 0.81 0.00	26.16 0.94 0.00	24.98 1.03 0.00	22.25 0.75 0.00	20.87 0.64 0.00	22.48 0.71 0.00	19.45 0.45 0.00
BARRETT___2 23546	19.75 0.90 0.00	17.69 0.73 0.00	18.97 0.65 0.00	17.67 0.68 0.00	19.02 0.54 0.00	23.36 0.75 0.00	29.88 1.60 0.00	47.81 2.41 0.00	183.39 7.12 0.00	20.51 0.88 0.00	17.23 0.65 0.00	10.17 0.38 0.00	4.97 0.17 0.00	6.62 0.21 0.00	10.76 0.41 0.00	13.65 0.64 0.00	13.85 0.75 0.00	17.90 0.81 0.00	26.16 0.94 0.00	24.98 1.03 0.00	22.25 0.75 0.00	20.87 0.64 0.00	22.48 0.71 0.00	19.45 0.45 0.00
BATAVIA___115KV_TB1 55881	17.72 -1.13 0.00	15.99 -0.97 0.00	17.47 -0.84 0.00	16.23 -0.76 0.00	17.85 -0.63 0.00	21.68 -0.93 0.00	27.03 -1.24 0.00	43.26 -2.14 0.00	169.47 -6.80 0.00	18.89 -0.74 0.00	16.30 -0.27 0.00	9.47 -0.32 0.00	4.71 -0.09 0.00	6.22 -0.19 0.00	10.00 -0.37 0.00	12.37 -0.65 0.00	12.49 -0.61 0.00	16.40 -0.68 0.00	24.28 -0.93 0.00	22.82 -1.13 0.00	20.18 -1.32 0.00	18.88 -1.35 0.00	20.36 -1.41 0.00	17.92 -1.09 0.00
BAYONEEC___CTG1 323682	19.57 0.71 0.00	17.55 0.60 0.00	18.85 0.54 0.00	17.57 0.58 0.00	18.97 0.49 0.00	23.22 0.61 0.00	29.68 1.40 0.00	47.90 2.50 0.00	185.00 8.72 0.00	20.49 0.86 0.00	17.20 0.62 0.00	10.19 0.40 0.00	4.98 0.18 0.00	6.67 0.26 0.00	10.85 0.49 0.00	13.68 0.67 0.00	13.81 0.71 0.00	17.89 0.80 0.00	26.14 0.93 0.00	24.95 1.00 0.00	22.23 0.73 0.00	20.84 0.61 0.00	22.34 0.57 0.00	19.35 0.34 0.00
BAYONEEC___CTG10 323750	19.57 0.71 0.00	17.55 0.60 0.00	18.85 0.54 0.00	17.57 0.58 0.00	18.97 0.49 0.00	23.22 0.61 0.00	29.68 1.40 0.00	47.90 2.50 0.00	185.00 8.72 0.00	20.49 0.86 0.00	17.20 0.62 0.00	10.19 0.40 0.00	4.98 0.18 0.00	6.67 0.26 0.00	10.85 0.49 0.00	13.68 0.67 0.00	13.81 0.71 0.00	17.89 0.80 0.00	26.14 0.93 0.00	24.95 1.00 0.00	22.23 0.73 0.00	20.84 0.61 0.00	22.34 0.57 0.00	19.35 0.34 0.00
BAYONEEC___CTG2 323683	19.57 0.71 0.00	17.55 0.60 0.00	18.85 0.54 0.00	17.57 0.58 0.00	18.97 0.49 0.00	23.22 0.61 0.00	29.68 1.40 0.00	47.90 2.50 0.00	185.00 8.72 0.00	20.49 0.86 0.00	17.20 0.62 0.00	10.19 0.40 0.00	4.98 0.18 0.00	6.67 0.26 0.00	10.85 0.49 0.00	13.68 0.67 0.00	13.81 0.71 0.00	17.89 0.80 0.00	26.14 0.93 0.00	24.95 1.00 0.00	22.23 0.73 0.00	20.84 0.61 0.00	22.34 0.57 0.00	19.35 0.34 0.00
BAYONEEC___CTG3 323684	19.57 0.71 0.00	17.55 0.60 0.00	18.85 0.54 0.00	17.57 0.58 0.00	18.97 0.49 0.00	23.22 0.61 0.00	29.68 1.40 0.00	47.90 2.50 0.00	185.00 8.72 0.00	20.49 0.86 0.00	17.20 0.62 0.00	10.19 0.40 0.00	4.98 0.18 0.00	6.67 0.26 0.00	10.85 0.49 0.00	13.68 0.67 0.00	13.81 0.71 0.00	17.89 0.80 0.00	26.14 0.93 0.00	24.95 1.00 0.00	22.23 0.73 0.00	20.84 0.61 0.00	22.34 0.57 0.00	19.35 0.34 0.00
BAYONEEC___CTG4 323685	19.57 0.71 0.00	17.55 0.60 0.00	18.85 0.54 0.00	17.57 0.58 0.00	18.97 0.49 0.00	23.22 0.61 0.00	29.68 1.40 0.00	47.90 2.50 0.00	185.00 8.72 0.00	20.49 0.86 0.00	17.20 0.62 0.00	10.19 0.40 0.00	4.98 0.18 0.00	6.67 0.26 0.00	10.85 0.49 0.00	13.68 0.67 0.00	13.81 0.71 0.00	17.89 0.80 0.00	26.14 0.93 0.00	24.95 1.00 0.00	22.23 0.73 0.00	20.84 0.61 0.00	22.34 0.57 0.00	19.35 0.34 0.00
BAYONEEC___CTG5 323686	19.57 0.71 0.00	17.55 0.60 0.00	18.85 0.54 0.00	17.57 0.58 0.00	18.97 0.49 0.00	23.22 0.61 0.00	29.68 1.40 0.00	47.90 2.50 0.00	185.00 8.72 0.00	20.49 0.86 0.00	17.20 0.62 0.00	10.19 0.40 0.00	4.98 0.18 0.00	6.67 0.26 0.00	10.85 0.49 0.00	13.68 0.67 0.00	13.81 0.71 0.00	17.89 0.80 0.00	26.14 0.93 0.00	24.95 1.00 0.00	22.23 0.73 0.00	20.84 0.61 0.00	22.34 0.57 0.00	19.35 0.34 0.00
BAYONEEC___CTG6 323687	19.57 0.71 0.00	17.55 0.60 0.00	18.85 0.54 0.00	17.57 0.58 0.00	18.97 0.49 0.00	23.22 0.61 0.00	29.68 1.40 0.00	47.90 2.50 0.00	185.00 8.72 0.00	20.49 0.86 0.00	17.20 0.62 0.00	10.19 0.40 0.00	4.98 0.18 0.00	6.67 0.26 0.00	10.85 0.49 0.00	13.68 0.67 0.00	13.81 0.71 0.00	17.89 0.80 0.00	26.14 0.93 0.00	24.95 1.00 0.00	22.23 0.73 0.00	20.84 0.61 0.00	22.34 0.57 0.00	19.35 0.34 0.00



BAYONEEC___CTG7 323688	19.57 0.71 0.00	17.55 0.60 0.00	18.85 0.54 0.00	17.57 0.58 0.00	18.97 0.49 0.00	23.22 0.61 0.00	29.68 1.40 0.00	47.90 2.50 0.00	185.00 8.72 0.00	20.49 0.86 0.00	17.20 0.62 0.00	10.19 0.40 0.00	4.98 0.18 0.00	6.67 0.26 0.00	10.85 0.49 0.00	13.68 0.67 0.00	13.81 0.71 0.00	17.89 0.80 0.00	26.14 0.93 0.00	24.95 1.00 0.00	22.23 0.73 0.00	20.84 0.61 0.00	22.34 0.57 0.00	19.35 0.34 0.00
BAYONEEC___CTG8 323689	19.57 0.71 0.00	17.55 0.60 0.00	18.85 0.54 0.00	17.57 0.58 0.00	18.97 0.49 0.00	23.22 0.61 0.00	29.68 1.40 0.00	47.90 2.50 0.00	185.00 8.72 0.00	20.49 0.86 0.00	17.20 0.62 0.00	10.19 0.40 0.00	4.98 0.18 0.00	6.67 0.26 0.00	10.85 0.49 0.00	13.68 0.67 0.00	13.81 0.71 0.00	17.89 0.80 0.00	26.14 0.93 0.00	24.95 1.00 0.00	22.23 0.73 0.00	20.84 0.61 0.00	22.34 0.57 0.00	19.35 0.34 0.00
BAYONEEC___CTG9 323749	19.57 0.71 0.00	17.55 0.60 0.00	18.85 0.54 0.00	17.57 0.58 0.00	18.97 0.49 0.00	23.22 0.61 0.00	29.68 1.40 0.00	47.90 2.50 0.00	185.00 8.72 0.00	20.49 0.86 0.00	17.20 0.62 0.00	10.19 0.40 0.00	4.98 0.18 0.00	6.67 0.26 0.00	10.85 0.49 0.00	13.68 0.67 0.00	13.81 0.71 0.00	17.89 0.80 0.00	26.14 0.93 0.00	24.95 1.00 0.00	22.23 0.73 0.00	20.84 0.61 0.00	22.34 0.57 0.00	19.35 0.34 0.00
BEACON___LESR 323632	19.48 0.64 0.00	17.52 0.56 0.00	18.89 0.57 0.00	17.56 0.57 0.00	19.02 0.54 0.00	23.33 0.72 0.00	29.47 1.19 0.00	47.52 2.13 0.00	183.30 7.02 0.00	20.18 0.54 0.00	16.95 0.37 0.00	10.05 0.26 0.00	4.91 0.11 0.00	6.57 0.16 0.00	10.64 0.28 0.00	13.45 0.43 0.00	13.52 0.42 0.00	17.69 0.60 0.00	26.17 0.95 0.00	24.86 0.91 0.00	22.22 0.73 0.00	20.87 0.63 0.00	22.41 0.64 0.00	19.43 0.42 0.00
BEAVER RIVER___HYD 24048	20.12 -1.04 -2.31	17.64 -0.86 -1.54	18.96 -0.67 -1.31	16.52 -0.47 0.00	18.10 -0.39 0.00	22.44 -0.18 0.00	28.10 -0.18 0.00	45.32 -0.08 0.00	175.69 -0.59 0.00	19.42 -0.22 0.00	16.24 -0.34 0.00	9.53 -0.26 0.00	4.63 -0.16 0.00	6.16 -0.25 0.00	9.86 -0.51 0.00	12.27 -0.74 0.00	12.40 -0.70 0.00	16.47 -0.61 0.00	25.09 -0.12 0.00	24.09 0.14 0.00	21.43 -0.07 0.00	20.10 -0.13 0.00	21.73 -0.04 0.00	19.09 0.08 0.00
BEEBEE_GT_13 23619	17.92 -0.93 0.00	16.15 -0.80 0.00	17.58 -0.73 0.00	16.33 -0.66 0.00	17.90 -0.58 0.00	21.76 -0.85 0.00	27.15 -1.12 0.00	43.54 -1.86 0.00	169.89 -6.38 0.00	18.91 -0.72 0.00	16.26 -0.31 0.00	9.52 -0.27 0.00	4.72 -0.08 0.00	6.26 -0.15 0.00	10.08 -0.27 0.00	12.54 -0.48 0.00	12.65 -0.45 0.00	16.54 -0.55 0.00	24.39 -0.83 0.00	22.99 -0.96 0.00	20.42 -1.08 0.00	19.13 -1.10 0.00	20.62 -1.15 0.00	18.12 -0.89 0.00
BENSHRST_27_KV_BENSHRST_1 355998	19.72 0.87 0.00	17.69 0.74 0.00	18.99 0.68 0.00	17.70 0.71 0.00	19.11 0.63 0.00	23.40 0.79 0.00	29.91 1.64 0.00	48.33 2.94 0.00	186.37 10.10 0.00	20.69 1.05 0.00	17.37 0.79 0.00	10.29 0.50 0.00	5.03 0.23 0.00	6.74 0.33 0.00	10.96 0.60 0.00	13.80 0.79 0.00	13.94 0.85 0.00	18.05 0.96 0.00	26.36 1.15 0.00	25.19 1.24 0.00	22.43 0.94 0.00	21.04 0.81 0.00	22.55 0.78 0.00	19.53 0.52 0.00
BETHLEHEM___GRP 23843	19.33 0.48 0.00	17.38 0.42 0.00	18.74 0.42 0.00	17.42 0.43 0.00	18.86 0.38 0.00	23.09 0.48 0.00	29.13 0.86 0.00	47.07 1.68 0.00	181.35 5.08 0.00	20.03 0.40 0.00	16.84 0.25 0.00	9.98 0.19 0.00	4.88 0.08 0.00	6.53 0.12 0.00	10.58 0.22 0.00	13.35 0.33 0.00	13.42 0.32 0.00	17.47 0.39 0.00	25.78 0.56 0.00	24.58 0.63 0.00	21.96 0.47 0.00	20.66 0.43 0.00	22.19 0.42 0.00	19.25 0.24 0.00
BETHLEHEM___GS1 323560	19.33 0.48 0.00	17.38 0.42 0.00	18.74 0.42 0.00	17.42 0.43 0.00	18.86 0.38 0.00	23.09 0.48 0.00	29.13 0.86 0.00	47.07 1.67 0.00	181.36 5.08 0.00	20.03 0.40 0.00	16.84 0.25 0.00	9.98 0.19 0.00	4.88 0.08 0.00	6.53 0.12 0.00	10.58 0.22 0.00	13.35 0.33 0.00	13.42 0.32 0.00	17.47 0.39 0.00	25.78 0.56 0.00	24.58 0.63 0.00	21.96 0.47 0.00	20.66 0.43 0.00	22.19 0.42 0.00	19.25 0.24 0.00
BETHLEHEM___GS2 323561	19.33 0.48 0.00	17.38 0.42 0.00	18.74 0.42 0.00	17.42 0.43 0.00	18.86 0.38 0.00	23.09 0.48 0.00	29.13 0.86 0.00	47.07 1.67 0.00	181.36 5.08 0.00	20.03 0.40 0.00	16.84 0.25 0.00	9.98 0.19 0.00	4.88 0.08 0.00	6.53 0.12 0.00	10.58 0.22 0.00	13.35 0.33 0.00	13.42 0.32 0.00	17.47 0.39 0.00	25.78 0.56 0.00	24.58 0.63 0.00	21.96 0.47 0.00	20.66 0.43 0.00	22.19 0.42 0.00	19.25 0.24 0.00
BETHLEHEM___GS3 323562	19.33 0.48 0.00	17.38 0.42 0.00	18.74 0.42 0.00	17.42 0.43 0.00	18.86 0.38 0.00	23.09 0.48 0.00	29.13 0.86 0.00	47.07 1.67 0.00	181.36 5.08 0.00	20.03 0.40 0.00	16.84 0.25 0.00	9.98 0.19 0.00	4.88 0.08 0.00	6.53 0.12 0.00	10.58 0.22 0.00	13.35 0.33 0.00	13.42 0.32 0.00	17.47 0.39 0.00	25.78 0.56 0.00	24.58 0.63 0.00	21.96 0.47 0.00	20.66 0.43 0.00	22.19 0.42 0.00	19.25 0.24 0.00
BETHLEHEM___STEEL 23779	17.44 -1.41 0.00	15.73 -1.23 0.00	17.20 -1.12 0.00	15.98 -1.01 0.00	17.56 -0.92 0.00	21.30 -1.31 0.00	26.57 -1.71 0.00	42.55 -2.85 0.00	166.79 -9.48 0.00	18.72 -0.92 0.00	16.23 -0.35 0.00	9.45 -0.34 0.00	4.74 -0.07 0.00	6.25 -0.16 0.00	10.05 -0.30 0.00	12.45 -0.56 0.00	12.54 -0.56 0.00	16.37 -0.72 0.00	24.11 -1.11 0.00	22.54 -1.41 0.00	19.89 -1.60 0.00	18.59 -1.64 0.00	20.11 -1.66 0.00	17.68 -1.33 0.00
BETHLHEM_115KV_TB1 79974	19.34 0.49 0.00	17.39 0.43 0.00	18.75 0.43 0.00	17.43 0.44 0.00	18.87 0.39 0.00	23.10 0.49 0.00	29.16 0.89 0.00	47.09 1.69 0.00	181.53 5.25 0.00	20.05 0.41 0.00	16.85 0.27 0.00	9.99 0.20 0.00	4.89 0.09 0.00	6.53 0.12 0.00	10.59 0.22 0.00	13.35 0.34 0.00	13.43 0.33 0.00	17.48 0.39 0.00	25.80 0.58 0.00	24.59 0.65 0.00	21.97 0.48 0.00	20.68 0.45 0.00	22.21 0.44 0.00	19.26 0.25 0.00
BETHPAGE_CC_5 323564	19.83 0.98 0.00	17.76 0.80 0.00	19.06 0.74 0.00	17.76 0.77 0.00	19.13 0.65 0.00	23.50 0.89 0.00	30.10 1.83 0.00	48.26 2.87 0.00	186.17 9.89 0.00	20.68 1.05 0.00	17.30 0.71 0.00	10.19 0.39 0.00	4.97 0.17 0.00	6.63 0.23 0.00	10.79 0.43 0.00	13.70 0.69 0.00	13.97 0.88 0.00	18.05 0.97 0.00	26.40 1.18 0.00	25.23 1.28 0.00	22.44 0.95 0.00	21.00 0.77 0.00	22.59 0.82 0.00	19.55 0.54 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	17.56 -1.29 0.00	15.82 -1.14 0.00	17.31 -1.01 0.00	16.09 -0.90 0.00	17.67 -0.82 0.00	21.42 -1.19 0.00	26.73 -1.54 0.00	42.87 -2.53 0.00	168.03 -8.25 0.00	18.85 -0.78 0.00	16.34 -0.24 0.00	9.52 -0.28 0.00	4.76 -0.03 0.00	6.29 -0.12 0.00	10.12 -0.24 0.00	12.53 -0.48 0.00	12.62 -0.47 0.00	16.49 -0.60 0.00	24.28 -0.93 0.00	22.71 -1.24 0.00	20.05 -1.45 0.00	18.74 -1.50 0.00	20.26 -1.51 0.00	17.80 -1.21 0.00



BINGHAMTON___COGEN 23790	18.70 -0.15 0.00	16.77 -0.19 0.00	18.14 -0.18 0.00	16.87 -0.12 0.00	18.35 -0.13 0.00	22.43 -0.18 0.00	28.25 -0.02 0.00	45.56 0.17 0.00	176.06 -0.22 0.00	19.58 -0.05 0.00	16.56 -0.02 0.00	9.69 -0.10 0.00	4.79 -0.01 0.00	6.40 -0.01 0.00	10.32 -0.04 0.00	12.95 -0.06 0.00	13.04 -0.06 0.00	17.05 -0.03 0.00	25.18 -0.03 0.00	23.99 0.04 0.00	21.42 -0.07 0.00	20.15 -0.08 0.00	21.71 -0.07 0.00	18.89 -0.11 0.00
BIXINCNT_115KV_LOAD 355685	17.69 -1.16 0.00	15.72 -1.24 0.00	17.28 -1.04 0.00	16.17 -0.83 0.00	17.57 -0.91 0.00	21.27 -1.34 0.00	26.97 -1.31 0.00	43.88 -1.51 0.00	172.20 -4.07 0.00	19.30 -0.33 0.00	16.60 0.02 0.00	9.69 -0.10 0.00	4.85 0.04 0.00	6.36 -0.04 0.00	10.23 -0.12 0.00	12.71 -0.30 0.00	12.80 -0.30 0.00	16.75 -0.33 0.00	24.82 -0.39 0.00	23.28 -0.67 0.00	20.50 -0.99 0.00	18.98 -1.25 0.00	20.61 -1.16 0.00	17.97 -1.03 0.00
BLACK RIVER___HYD 24047	19.29 -1.18 -1.62	17.02 -1.02 -1.08	18.43 -0.81 -0.92	16.45 -0.54 0.00	18.03 -0.45 0.00	22.36 -0.25 0.00	28.05 -0.23 0.00	45.29 -0.10 0.00	175.35 -0.93 0.00	19.19 -0.44 0.00	16.02 -0.56 0.00	9.38 -0.41 0.00	4.56 -0.24 0.00	6.07 -0.34 0.00	9.68 -0.67 0.00	12.06 -0.96 0.00	12.19 -0.91 0.00	16.22 -0.87 0.00	24.84 -0.37 0.00	23.99 0.05 0.00	21.28 -0.21 0.00	19.93 -0.30 0.00	21.56 -0.21 0.00	18.97 -0.04 0.00
BLACKRVR_115KV_TB2 79977	19.29 -1.18 -1.62	17.02 -1.02 -1.08	18.42 -0.81 -0.92	16.45 -0.54 0.00	18.03 -0.45 0.00	22.36 -0.25 0.00	28.05 -0.23 0.00	45.29 -0.10 0.00	175.35 -0.93 0.00	19.19 -0.44 0.00	16.02 -0.56 0.00	9.38 -0.41 0.00	4.56 -0.24 0.00	6.07 -0.34 0.00	9.68 -0.67 0.00	12.06 -0.96 0.00	12.19 -0.91 0.00	16.22 -0.87 0.00	24.84 -0.37 0.00	23.99 0.04 0.00	21.28 -0.21 0.00	19.93 -0.30 0.00	21.56 -0.21 0.00	18.97 -0.04 0.00
BLISS_WT_PWR 323608	17.58 -1.27 0.00	15.56 -1.40 0.00	17.13 -1.19 0.00	16.07 -0.92 0.00	17.44 -1.04 0.00	21.08 -1.53 0.00	26.82 -1.45 0.00	43.83 -1.57 0.00	172.18 -4.10 0.00	19.31 -0.32 0.00	16.58 0.00 0.00	9.69 -0.10 0.00	4.84 0.04 0.00	6.35 -0.06 0.00	10.20 -0.15 0.00	12.67 -0.34 0.00	12.76 -0.34 0.00	16.72 -0.36 0.00	24.82 -0.39 0.00	23.29 -0.66 0.00	20.47 -1.02 0.00	18.90 -1.33 0.00	20.54 -1.24 0.00	17.90 -1.11 0.00
BLUESTONE___WT_PWR 323821	19.19 0.34 0.00	16.78 -0.18 0.00	18.84 0.53 0.00	17.26 0.27 0.00	19.02 0.53 0.00	23.54 0.93 0.00	29.54 1.27 0.00	47.37 1.98 0.00	181.08 4.81 0.00	19.85 0.22 0.00	16.67 0.09 0.00	9.80 0.01 0.00	4.83 0.03 0.00	6.42 0.01 0.00	10.17 -0.18 0.00	12.74 -0.27 0.00	12.98 -0.12 0.00	17.30 0.22 0.00	26.10 0.89 0.00	24.97 1.02 0.00	22.43 0.94 0.00	21.10 0.87 0.00	22.78 1.01 0.00	19.86 0.86 0.00
BLUE_CIRC_CHEM_DRP 24182	19.34 0.49 0.00	17.39 0.43 0.00	18.77 0.45 0.00	17.44 0.45 0.00	18.90 0.42 0.00	23.14 0.53 0.00	29.15 0.88 0.00	47.01 1.62 0.00	181.45 5.18 0.00	20.05 0.41 0.00	16.86 0.28 0.00	9.99 0.20 0.00	4.88 0.08 0.00	6.53 0.12 0.00	10.57 0.21 0.00	13.32 0.30 0.00	13.40 0.30 0.00	17.48 0.40 0.00	25.84 0.62 0.00	24.63 0.68 0.00	22.02 0.53 0.00	20.73 0.49 0.00	22.26 0.49 0.00	19.34 0.33 0.00
BOC_GAS_DRP 24189	19.17 0.32 0.00	17.23 0.27 0.00	18.58 0.27 0.00	17.27 0.28 0.00	18.71 0.22 0.00	22.90 0.28 0.00	28.87 0.60 0.00	46.58 1.18 0.00	179.85 3.57 0.00	19.91 0.27 0.00	16.75 0.17 0.00	9.93 0.13 0.00	4.86 0.05 0.00	6.50 0.08 0.00	10.52 0.16 0.00	13.26 0.25 0.00	13.34 0.24 0.00	17.35 0.27 0.00	25.58 0.36 0.00	24.38 0.43 0.00	21.79 0.30 0.00	20.50 0.27 0.00	22.03 0.26 0.00	19.14 0.13 0.00
BOONVILLE_115KV_TB1 79983	19.59 -0.13 -0.88	17.44 -0.10 -0.59	18.84 0.03 -0.50	17.10 0.11 0.00	18.65 0.17 0.00	22.98 0.37 0.00	28.89 0.62 0.00	46.62 1.22 0.00	180.69 4.41 0.00	20.12 0.49 0.00	16.90 0.32 0.00	9.93 0.14 0.00	4.84 0.04 0.00	6.43 0.02 0.00	10.35 -0.01 0.00	12.92 -0.09 0.00	13.07 -0.03 0.00	17.30 0.21 0.00	26.07 0.85 0.00	24.93 0.98 0.00	22.19 0.70 0.00	20.82 0.59 0.00	22.43 0.66 0.00	19.61 0.60 0.00
BORALEX_4TH_BRANCH 23824	19.26 0.40 0.00	17.31 0.35 0.00	18.67 0.35 0.00	17.36 0.37 0.00	18.75 0.27 0.00	22.99 0.38 0.00	29.03 0.76 0.00	47.11 1.71 0.00	181.04 4.76 0.00	19.87 0.23 0.00	16.57 0.00 0.00	9.86 0.07 0.00	4.83 0.03 0.00	6.45 0.04 0.00	10.46 0.10 0.00	13.25 0.23 0.00	13.26 0.16 0.00	17.19 0.11 0.00	25.44 0.23 0.00	24.33 0.39 0.00	21.75 0.25 0.00	20.57 0.33 0.00	22.04 0.27 0.00	19.04 0.04 0.00
BOWLINE___1 23526	19.49 0.64 0.00	17.48 0.52 0.00	18.80 0.49 0.00	17.52 0.53 0.00	18.93 0.45 0.00	23.19 0.58 0.00	29.56 1.28 0.00	47.68 2.28 0.00	184.08 7.80 0.00	20.33 0.70 0.00	17.07 0.49 0.00	10.11 0.32 0.00	4.94 0.14 0.00	6.62 0.21 0.00	10.76 0.40 0.00	13.56 0.55 0.00	13.67 0.58 0.00	17.74 0.65 0.00	26.03 0.82 0.00	24.84 0.89 0.00	22.14 0.64 0.00	20.76 0.52 0.00	22.28 0.50 0.00	19.31 0.31 0.00
BOWLINE___2 23595	19.49 0.64 0.00	17.48 0.52 0.00	18.80 0.49 0.00	17.52 0.53 0.00	18.93 0.45 0.00	23.19 0.58 0.00	29.56 1.28 0.00	47.68 2.28 0.00	184.08 7.80 0.00	20.33 0.70 0.00	17.07 0.49 0.00	10.11 0.32 0.00	4.94 0.14 0.00	6.62 0.21 0.00	10.76 0.40 0.00	13.56 0.55 0.00	13.67 0.58 0.00	17.74 0.65 0.00	26.03 0.82 0.00	24.84 0.89 0.00	22.14 0.64 0.00	20.76 0.52 0.00	22.28 0.50 0.00	19.31 0.31 0.00
BRADY___115KV_TB2 356060	21.59 0.00 -2.75	18.86 0.06 -1.84	19.99 0.11 -1.56	16.95 -0.04 0.00	18.59 0.11 0.00	22.89 0.28 0.00	28.28 0.01 0.00	44.91 -0.49 0.00	175.41 -0.86 0.00	19.61 -0.02 0.00	16.51 -0.07 0.00	9.74 -0.05 0.00	4.77 -0.03 0.00	6.36 -0.05 0.00	10.22 -0.13 0.00	12.79 -0.22 0.00	12.88 -0.21 0.00	16.90 -0.19 0.00	25.25 0.04 0.00	24.03 0.08 0.00	21.79 0.30 0.00	20.57 0.33 0.00	22.14 0.37 0.00	19.36 0.35 0.00
BRANSCOMB___SOLAR 323811	19.45 0.60 0.00	17.47 0.51 0.00	18.84 0.52 0.00	17.52 0.53 0.00	18.98 0.50 0.00	23.30 0.69 0.00	29.44 1.17 0.00	47.68 2.28 0.00	183.57 7.29 0.00	20.09 0.46 0.00	16.77 0.19 0.00	9.94 0.14 0.00	4.86 0.05 0.00	6.49 0.08 0.00	10.50 0.14 0.00	13.29 0.27 0.00	13.41 0.31 0.00	17.58 0.50 0.00	26.10 0.89 0.00	24.93 0.99 0.00	22.29 0.79 0.00	20.94 0.71 0.00	22.41 0.64 0.00	19.39 0.38 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	20.02 1.17 0.00	17.91 0.95 0.00	19.22 0.90 0.00	17.92 0.93 0.00	19.29 0.81 0.00	23.72 1.11 0.00	30.37 2.10 0.00	48.63 3.23 0.00	187.86 11.58 0.00	20.84 1.21 0.00	17.37 0.79 0.00	10.20 0.42 0.00	4.98 0.18 0.00	6.63 0.22 0.00	10.79 0.43 0.00	13.76 0.75 0.00	14.11 1.02 0.00	18.18 1.09 0.00	26.57 1.36 0.00	25.42 1.47 0.00	22.57 1.08 0.00	21.09 0.86 0.00	22.74 0.97 0.00	19.68 0.67 0.00



BRISTLHL_115KV_TB1 79998	18.47 -0.39 0.00	16.58 -0.38 0.00	17.93 -0.39 0.00	16.68 -0.31 0.00	18.14 -0.34 0.00	22.15 -0.46 0.00	27.70 -0.58 0.00	44.59 -0.80 0.00	172.79 -3.48 0.00	19.18 -0.45 0.00	16.27 -0.31 0.00	9.57 -0.22 0.00	4.71 -0.09 0.00	6.28 -0.13 0.00	10.13 -0.23 0.00	12.70 -0.31 0.00	12.81 -0.29 0.00	16.76 -0.33 0.00	24.70 -0.52 0.00	23.50 -0.45 0.00	20.98 -0.52 0.00	19.70 -0.54 0.00	21.21 -0.56 0.00	18.62 -0.39 0.00
BROOKHAVEN___DRP 24191	19.87 1.02 0.00	17.77 0.81 0.00	19.07 0.75 0.00	17.81 0.82 0.00	19.13 0.65 0.00	23.51 0.90 0.00	30.15 1.87 0.00	48.28 2.89 0.00	186.86 10.58 0.00	20.76 1.13 0.00	17.16 0.58 0.00	10.06 0.27 0.00	4.90 0.10 0.00	6.51 0.10 0.00	10.58 0.22 0.00	13.56 0.55 0.00	14.07 0.97 0.00	18.02 0.93 0.00	26.34 1.13 0.00	25.23 1.28 0.00	22.39 0.90 0.00	20.91 0.68 0.00	22.52 0.75 0.00	19.51 0.50 0.00
BROOKLYN_NAVY_YARD 23515	19.59 0.74 0.00	17.58 0.62 0.00	18.88 0.56 0.00	17.58 0.59 0.00	18.99 0.51 0.00	23.24 0.63 0.00	29.69 1.42 0.00	47.95 2.56 0.00	185.26 8.98 0.00	20.52 0.89 0.00	17.23 0.65 0.00	10.20 0.41 0.00	4.99 0.19 0.00	6.68 0.27 0.00	10.87 0.51 0.00	13.70 0.69 0.00	13.82 0.73 0.00	17.91 0.83 0.00	26.17 0.95 0.00	24.96 1.01 0.00	22.24 0.75 0.00	20.86 0.63 0.00	22.35 0.58 0.00	19.36 0.36 0.00
BROOKLYN___ARMY_DRP 323595	19.64 0.79 0.00	17.61 0.66 0.00	18.92 0.60 0.00	17.63 0.64 0.00	19.03 0.55 0.00	23.30 0.69 0.00	29.78 1.50 0.00	48.08 2.68 0.00	185.40 9.13 0.00	20.58 0.95 0.00	17.28 0.70 0.00	10.24 0.45 0.00	5.01 0.20 0.00	6.70 0.29 0.00	10.90 0.55 0.00	13.73 0.73 0.00	13.87 0.77 0.00	17.96 0.87 0.00	26.22 1.01 0.00	25.07 1.12 0.00	22.33 0.83 0.00	20.93 0.70 0.00	22.43 0.66 0.00	19.43 0.43 0.00
BROOKVLE_69_KV_TB1 55790	19.94 1.10 0.00	17.86 0.91 0.00	19.18 0.86 0.00	17.86 0.87 0.00	19.26 0.77 0.00	23.65 1.04 0.00	30.28 2.01 0.00	48.51 3.11 0.00	187.50 11.22 0.00	20.82 1.18 0.00	17.43 0.85 0.00	10.28 0.49 0.00	5.02 0.22 0.00	6.71 0.30 0.00	10.90 0.55 0.00	13.82 0.81 0.00	14.05 0.96 0.00	18.18 1.10 0.00	26.60 1.38 0.00	25.32 1.37 0.00	22.61 1.12 0.00	21.17 0.94 0.00	22.74 0.97 0.00	19.67 0.66 0.00
BROOME_2_LFGE 323671	18.70 -0.15 0.00	16.77 -0.19 0.00	18.14 -0.18 0.00	16.87 -0.12 0.00	18.35 -0.13 0.00	22.43 -0.19 0.00	28.25 -0.02 0.00	45.56 0.17 0.00	176.06 -0.22 0.00	19.58 -0.05 0.00	16.56 -0.02 0.00	9.69 -0.10 0.00	4.79 -0.01 0.00	6.40 -0.01 0.00	10.32 -0.04 0.00	12.95 -0.06 0.00	13.04 -0.06 0.00	17.06 -0.03 0.00	25.18 -0.03 0.00	24.00 0.04 0.00	21.42 -0.07 0.00	20.15 -0.08 0.00	21.70 -0.07 0.00	18.89 -0.11 0.00
BROOME___LFGE 323600	18.70 -0.15 0.00	16.77 -0.19 0.00	18.14 -0.18 0.00	16.87 -0.12 0.00	18.35 -0.13 0.00	22.43 -0.19 0.00	28.25 -0.02 0.00	45.56 0.17 0.00	176.06 -0.22 0.00	19.58 -0.05 0.00	16.56 -0.02 0.00	9.69 -0.10 0.00	4.79 -0.01 0.00	6.40 -0.01 0.00	10.32 -0.04 0.00	12.95 -0.06 0.00	13.04 -0.06 0.00	17.06 -0.03 0.00	25.18 -0.03 0.00	24.00 0.04 0.00	21.42 -0.07 0.00	20.15 -0.08 0.00	21.70 -0.07 0.00	18.89 -0.11 0.00
BROWNFLS_115KV_TB 3_5 80003	21.98 -1.01 -4.13	18.89 -0.83 -2.77	19.95 -0.72 -2.35	16.35 -0.64 0.00	17.92 -0.56 0.00	22.18 -0.43 0.00	27.56 -0.71 0.00	44.16 -1.23 0.00	171.89 -4.39 0.00	19.11 -0.53 0.00	16.02 -0.56 0.00	9.42 -0.37 0.00	4.59 -0.21 0.00	6.11 -0.30 0.00	9.79 -0.57 0.00	12.21 -0.80 0.00	12.33 -0.77 0.00	16.30 -0.79 0.00	24.65 -0.57 0.00	23.57 -0.38 0.00	21.13 -0.36 0.00	19.89 -0.35 0.00	21.46 -0.31 0.00	18.82 -0.18 0.00
BROWNSV1_27_KV_LOAD 356125	19.76 0.91 0.00	17.72 0.76 0.00	19.03 0.72 0.00	17.73 0.74 0.00	19.14 0.66 0.00	23.43 0.82 0.00	29.98 1.70 0.00	48.42 3.03 0.00	187.02 10.74 0.00	20.71 1.08 0.00	17.38 0.80 0.00	10.29 0.50 0.00	5.04 0.23 0.00	6.74 0.33 0.00	10.96 0.60 0.00	13.81 0.80 0.00	13.94 0.84 0.00	18.07 0.98 0.00	26.41 1.20 0.00	25.21 1.26 0.00	22.46 0.97 0.00	21.06 0.83 0.00	22.56 0.79 0.00	19.54 0.53 0.00
BURROWS___LYONSDAL 23803	19.62 -0.39 -1.16	17.43 -0.31 -0.77	18.83 -0.15 -0.66	16.97 -0.02 0.00	18.52 0.04 0.00	22.87 0.25 0.00	28.74 0.46 0.00	46.36 0.96 0.00	179.72 3.44 0.00	19.98 0.35 0.00	16.76 0.18 0.00	9.85 0.06 0.00	4.80 -0.01 0.00	6.37 -0.04 0.00	10.23 -0.12 0.00	12.77 -0.24 0.00	12.91 -0.19 0.00	17.12 0.03 0.00	25.88 0.66 0.00	24.77 0.82 0.00	22.03 0.54 0.00	20.67 0.43 0.00	22.29 0.51 0.00	19.51 0.51 0.00
CAITHNESS_CC_1 323624	19.85 1.00 0.00	17.76 0.80 0.00	19.05 0.74 0.00	17.79 0.80 0.00	19.11 0.63 0.00	23.49 0.88 0.00	30.11 1.83 0.00	48.21 2.82 0.00	186.51 10.23 0.00	20.72 1.09 0.00	17.15 0.58 0.00	10.07 0.28 0.00	4.90 0.10 0.00	6.52 0.11 0.00	10.60 0.24 0.00	13.59 0.57 0.00	14.06 0.96 0.00	18.03 0.94 0.00	26.32 1.10 0.00	25.19 1.24 0.00	22.37 0.87 0.00	20.89 0.66 0.00	22.51 0.74 0.00	19.50 0.49 0.00
CALPINE BETH_PAGE_GT4 24209	19.79 0.94 0.00	17.73 0.77 0.00	19.02 0.70 0.00	17.72 0.73 0.00	19.10 0.61 0.00	23.46 0.85 0.00	30.04 1.76 0.00	48.18 2.79 0.00	185.67 9.40 0.00	20.66 1.03 0.00	17.28 0.70 0.00	10.18 0.39 0.00	4.97 0.17 0.00	6.63 0.22 0.00	10.78 0.43 0.00	13.69 0.68 0.00	13.95 0.85 0.00	18.03 0.94 0.00	26.35 1.14 0.00	25.18 1.23 0.00	22.40 0.91 0.00	20.96 0.73 0.00	22.55 0.78 0.00	19.51 0.50 0.00
CALPINE_BETH_PAGE_GT_4 323586	19.79 0.94 0.00	17.73 0.77 0.00	19.02 0.70 0.00	17.72 0.73 0.00	19.10 0.61 0.00	23.46 0.85 0.00	30.04 1.76 0.00	48.17 2.78 0.00	185.67 9.39 0.00	20.66 1.02 0.00	17.28 0.70 0.00	10.18 0.39 0.00	4.97 0.17 0.00	6.63 0.22 0.00	10.78 0.43 0.00	13.69 0.68 0.00	13.95 0.85 0.00	18.03 0.94 0.00	26.36 1.14 0.00	25.18 1.23 0.00	22.40 0.91 0.00	20.96 0.73 0.00	22.55 0.77 0.00	19.51 0.50 0.00
CALPINE_BP_GT1 23823	19.79 0.94 0.00	17.73 0.77 0.00	19.02 0.70 0.00	17.72 0.73 0.00	19.10 0.61 0.00	23.46 0.85 0.00	30.04 1.76 0.00	48.17 2.78 0.00	185.67 9.39 0.00	20.66 1.02 0.00	17.28 0.70 0.00	10.18 0.39 0.00	4.97 0.17 0.00	6.63 0.22 0.00	10.78 0.43 0.00	13.69 0.68 0.00	13.95 0.85 0.00	18.03 0.94 0.00	26.36 1.14 0.00	25.18 1.23 0.00	22.40 0.91 0.00	20.96 0.73 0.00	22.55 0.77 0.00	19.51 0.50 0.00
CALSPAN___DRP 24200	17.44 -1.41 0.00	15.73 -1.23 0.00	17.20 -1.12 0.00	15.98 -1.01 0.00	17.56 -0.92 0.00	21.30 -1.31 0.00	26.57 -1.71 0.00	42.55 -2.85 0.00	166.79 -9.48 0.00	18.72 -0.92 0.00	16.23 -0.35 0.00	9.45 -0.34 0.00	4.74 -0.07 0.00	6.25 -0.16 0.00	10.05 -0.30 0.00	12.45 -0.56 0.00	12.54 -0.56 0.00	16.37 -0.72 0.00	24.11 -1.11 0.00	22.54 -1.41 0.00	19.89 -1.60 0.00	18.59 -1.64 0.00	20.11 -1.66 0.00	17.68 -1.33 0.00



CALVERTON___SOLAR 323806	19.89 1.04 0.00	17.79 0.84 0.00	19.09 0.77 0.00	17.84 0.85 0.00	19.15 0.67 0.00	23.55 0.94 0.00	30.22 1.95 0.00	48.40 3.01 0.00	187.38 11.10 0.00	20.80 1.17 0.00	17.17 0.59 0.00	10.07 0.28 0.00	4.90 0.10 0.00	6.50 0.09 0.00	10.57 0.21 0.00	13.55 0.54 0.00	14.07 0.98 0.00	18.03 0.94 0.00	26.38 1.16 0.00	25.27 1.32 0.00	22.43 0.94 0.00	20.94 0.70 0.00	22.55 0.77 0.00	19.52 0.51 0.00
CANDIGU_WT_PWR 323617	17.89 -0.96 0.00	16.12 -0.84 0.00	17.31 -1.01 0.00	16.14 -0.85 0.00	17.74 -0.74 0.00	21.54 -1.08 0.00	27.30 -0.97 0.00	44.58 -0.82 0.00	172.89 -3.38 0.00	19.47 -0.17 0.00	16.45 -0.13 0.00	9.51 -0.28 0.00	4.72 -0.08 0.00	6.29 -0.12 0.00	10.12 -0.24 0.00	12.70 -0.31 0.00	12.77 -0.33 0.00	16.84 -0.25 0.00	25.08 -0.14 0.00	24.14 0.19 0.00	21.58 0.09 0.00	19.97 -0.26 0.00	21.40 -0.37 0.00	18.15 -0.86 0.00
CARR STREET_E_SYR 24060	18.59 -0.26 0.00	16.69 -0.26 0.00	18.06 -0.26 0.00	16.79 -0.20 0.00	18.27 -0.21 0.00	22.23 -0.38 0.00	27.73 -0.54 0.00	44.63 -0.77 0.00	172.95 -3.33 0.00	19.27 -0.36 0.00	16.41 -0.17 0.00	9.65 -0.14 0.00	4.75 -0.05 0.00	6.33 -0.08 0.00	10.22 -0.14 0.00	12.81 -0.20 0.00	12.92 -0.18 0.00	16.88 -0.20 0.00	24.87 -0.35 0.00	23.63 -0.32 0.00	21.10 -0.39 0.00	19.83 -0.41 0.00	21.35 -0.42 0.00	18.73 -0.28 0.00
CARTHAGE___PAPER 23857	19.75 -0.99 -1.88	17.40 -0.82 -1.26	18.77 -0.62 -1.07	16.59 -0.40 0.00	18.18 -0.30 0.00	22.55 -0.06 0.00	28.26 -0.01 0.00	45.58 0.18 0.00	176.62 0.34 0.00	19.41 -0.22 0.00	16.19 -0.39 0.00	9.49 -0.30 0.00	4.62 -0.18 0.00	6.14 -0.27 0.00	9.81 -0.55 0.00	12.21 -0.80 0.00	12.35 -0.75 0.00	16.43 -0.66 0.00	25.14 -0.07 0.00	24.21 0.25 0.00	21.52 0.03 0.00	20.17 -0.06 0.00	21.80 0.03 0.00	19.16 0.15 0.00
CASSADAGA_WT_PWR 323784	17.33 -1.52 0.00	15.49 -1.46 0.00	17.21 -1.11 0.00	16.01 -0.98 0.00	17.22 -1.26 0.00	21.19 -1.42 0.00	27.11 -1.16 0.00	43.30 -2.10 0.00	169.53 -6.74 0.00	19.06 -0.57 0.00	16.59 0.01 0.00	9.62 -0.17 0.00	4.82 0.02 0.00	6.40 -0.01 0.00	10.32 -0.04 0.00	12.83 -0.18 0.00	12.90 -0.20 0.00	16.87 -0.22 0.00	24.76 -0.45 0.00	22.84 -1.11 0.00	20.07 -1.42 0.00	18.60 -1.64 0.00	20.08 -1.69 0.00	17.74 -1.27 0.00
CE_DUNWOOD___DRP 24194	19.55 0.70 0.00	17.54 0.58 0.00	18.85 0.54 0.00	17.56 0.57 0.00	18.97 0.49 0.00	23.23 0.62 0.00	29.63 1.36 0.00	47.81 2.42 0.00	184.47 8.20 0.00	20.42 0.78 0.00	17.14 0.56 0.00	10.15 0.36 0.00	4.96 0.16 0.00	6.64 0.23 0.00	10.79 0.44 0.00	13.61 0.60 0.00	13.74 0.64 0.00	17.82 0.73 0.00	26.11 0.90 0.00	24.93 0.98 0.00	22.21 0.72 0.00	20.83 0.60 0.00	22.34 0.57 0.00	19.36 0.36 0.00
CE_MILLWOOD___DRP 24193	19.53 0.68 0.00	17.52 0.56 0.00	18.84 0.52 0.00	17.54 0.56 0.00	18.96 0.47 0.00	23.21 0.60 0.00	29.60 1.32 0.00	47.75 2.36 0.00	184.29 8.02 0.00	20.39 0.75 0.00	17.11 0.53 0.00	10.13 0.34 0.00	4.95 0.15 0.00	6.63 0.22 0.00	10.78 0.42 0.00	13.60 0.59 0.00	13.72 0.62 0.00	17.79 0.71 0.00	26.09 0.87 0.00	24.90 0.95 0.00	22.19 0.69 0.00	20.81 0.57 0.00	22.32 0.55 0.00	19.35 0.34 0.00
CE_NYC2_DRP 24202	19.57 0.72 0.00	17.57 0.61 0.00	18.86 0.54 0.00	17.58 0.59 0.00	18.97 0.49 0.00	23.21 0.60 0.00	29.66 1.38 0.00	47.91 2.52 0.00	184.96 8.68 0.00	20.52 0.88 0.00	17.22 0.64 0.00	10.22 0.42 0.00	5.00 0.20 0.00	6.69 0.28 0.00	10.88 0.52 0.00	13.71 0.70 0.00	13.85 0.75 0.00	17.90 0.82 0.00	26.14 0.92 0.00	24.98 1.03 0.00	22.25 0.76 0.00	20.86 0.63 0.00	22.34 0.57 0.00	19.36 0.36 0.00
CE_NYC_DRP 24195	19.59 0.73 0.00	17.57 0.61 0.00	18.87 0.55 0.00	17.58 0.59 0.00	18.99 0.50 0.00	23.24 0.63 0.00	29.71 1.43 0.00	47.97 2.58 0.00	185.33 9.05 0.00	20.52 0.89 0.00	17.22 0.64 0.00	10.20 0.41 0.00	4.99 0.19 0.00	6.68 0.27 0.00	10.86 0.51 0.00	13.70 0.69 0.00	13.83 0.73 0.00	17.92 0.83 0.00	26.19 0.97 0.00	24.98 1.03 0.00	22.25 0.76 0.00	20.86 0.63 0.00	22.36 0.59 0.00	19.37 0.36 0.00
CHAFFEE___LFGE 323603	17.57 -1.28 0.00	15.83 -1.13 0.00	17.29 -1.03 0.00	16.07 -0.91 0.00	17.67 -0.82 0.00	21.43 -1.18 0.00	26.73 -1.54 0.00	42.82 -2.58 0.00	167.82 -8.45 0.00	18.82 -0.82 0.00	16.30 -0.27 0.00	9.49 -0.30 0.00	4.75 -0.05 0.00	6.28 -0.13 0.00	10.10 -0.26 0.00	12.50 -0.51 0.00	12.60 -0.50 0.00	16.44 -0.65 0.00	24.20 -1.02 0.00	22.66 -1.29 0.00	20.00 -1.49 0.00	18.71 -1.52 0.00	20.22 -1.55 0.00	17.77 -1.24 0.00
CHATEAUG_35_KV_LOAD 355732	-23.84 -0.68 42.02	-11.72 -0.55 28.13	-6.13 -0.56 23.88	16.45 -0.54 0.00	18.05 -0.43 0.00	22.34 -0.27 0.00	27.72 -0.56 0.00	43.45 -1.94 0.00	171.16 -5.12 0.00	19.42 -0.22 0.00	16.26 -0.32 0.00	9.64 -0.15 0.00	4.71 -0.09 0.00	6.26 -0.15 0.00	9.99 -0.37 0.00	12.59 -0.42 0.00	12.72 -0.38 0.00	16.79 -0.29 0.00	25.37 0.16 0.00	24.22 0.27 0.00	21.92 0.43 0.00	20.82 0.59 0.00	22.43 0.65 0.00	19.64 0.63 0.00
CHATEAUG_WT_PWR 323614	-21.03 -0.80 39.07	-9.86 -0.66 26.16	-4.57 -0.67 22.21	16.37 -0.61 0.00	17.98 -0.50 0.00	22.25 -0.36 0.00	27.60 -0.67 0.00	43.27 -2.13 0.00	170.31 -5.96 0.00	19.33 -0.30 0.00	16.22 -0.36 0.00	9.61 -0.18 0.00	4.69 -0.11 0.00	6.23 -0.18 0.00	9.94 -0.42 0.00	12.54 -0.47 0.00	12.68 -0.42 0.00	16.76 -0.33 0.00	25.30 0.08 0.00	24.15 0.20 0.00	21.84 0.34 0.00	20.75 0.51 0.00	22.36 0.59 0.00	19.58 0.58 0.00
CHAT_HIGH_FALL_HYD 323578	-23.84 -0.68 42.02	-11.72 -0.55 28.13	-6.13 -0.56 23.88	16.45 -0.54 0.00	18.05 -0.43 0.00	22.34 -0.27 0.00	27.72 -0.56 0.00	43.45 -1.94 0.00	171.16 -5.12 0.00	19.42 -0.22 0.00	16.26 -0.32 0.00	9.64 -0.15 0.00	4.71 -0.09 0.00	6.26 -0.15 0.00	9.99 -0.37 0.00	12.59 -0.42 0.00	12.72 -0.38 0.00	16.79 -0.29 0.00	25.37 0.16 0.00	24.22 0.27 0.00	21.92 0.43 0.00	20.82 0.59 0.00	22.43 0.65 0.00	19.64 0.63 0.00
CHAUTAUQUA___LFGE 323629	17.40 -1.46 0.00	15.62 -1.34 0.00	17.15 -1.17 0.00	15.95 -1.04 0.00	17.42 -1.06 0.00	21.25 -1.37 0.00	26.75 -1.52 0.00	42.93 -2.46 0.00	167.78 -8.49 0.00	18.86 -0.78 0.00	16.33 -0.25 0.00	9.45 -0.34 0.00	4.76 -0.05 0.00	6.30 -0.11 0.00	10.13 -0.22 0.00	12.59 -0.43 0.00	12.66 -0.44 0.00	16.53 -0.55 0.00	24.31 -0.90 0.00	22.67 -1.28 0.00	19.98 -1.52 0.00	18.62 -1.61 0.00	20.12 -1.66 0.00	17.66 -1.35 0.00
CHERRYST_13_KV_LD 356241	19.63 0.78 0.00	17.61 0.65 0.00	18.91 0.60 0.00	17.62 0.63 0.00	19.03 0.55 0.00	23.30 0.68 0.00	29.79 1.51 0.00	48.10 2.71 0.00	185.88 9.60 0.00	20.59 0.96 0.00	17.28 0.70 0.00	10.24 0.45 0.00	5.01 0.21 0.00	6.71 0.30 0.00	10.90 0.54 0.00	13.74 0.73 0.00	13.88 0.78 0.00	17.98 0.89 0.00	26.27 1.05 0.00	25.05 1.10 0.00	22.31 0.82 0.00	20.92 0.68 0.00	22.41 0.64 0.00	19.42 0.41 0.00



CHESTROR_138KV_BK263 355645	19.40 0.55 0.00	17.40 0.45 0.00	18.73 0.42 0.00	17.44 0.45 0.00	18.86 0.38 0.00	23.11 0.50 0.00	29.37 1.09 0.00	47.38 1.99 0.00	182.87 6.59 0.00	20.21 0.57 0.00	16.97 0.39 0.00	10.04 0.25 0.00	4.91 0.11 0.00	6.57 0.16 0.00	10.68 0.32 0.00	13.46 0.44 0.00	13.56 0.47 0.00	17.63 0.54 0.00	25.91 0.69 0.00	24.73 0.78 0.00	22.05 0.56 0.00	20.69 0.46 0.00	22.21 0.44 0.00	19.27 0.26 0.00
CH_MIDHUDSON___DRP 24192	19.49 0.65 0.00	17.50 0.54 0.00	18.83 0.52 0.00	17.52 0.53 0.00	18.93 0.45 0.00	23.17 0.56 0.00	29.48 1.21 0.00	47.62 2.23 0.00	183.74 7.47 0.00	20.29 0.66 0.00	17.03 0.45 0.00	10.08 0.29 0.00	4.93 0.13 0.00	6.59 0.18 0.00	10.71 0.35 0.00	13.52 0.51 0.00	13.63 0.54 0.00	17.72 0.63 0.00	26.04 0.82 0.00	24.87 0.92 0.00	22.18 0.69 0.00	20.81 0.58 0.00	22.33 0.56 0.00	19.35 0.34 0.00
CH_MISC_IPPS 23765	19.62 0.77 0.00	17.60 0.65 0.00	18.94 0.63 0.00	17.63 0.64 0.00	19.06 0.58 0.00	23.34 0.73 0.00	29.71 1.44 0.00	47.98 2.59 0.00	185.14 8.86 0.00	20.43 0.80 0.00	17.14 0.56 0.00	10.14 0.35 0.00	4.96 0.16 0.00	6.63 0.22 0.00	10.77 0.42 0.00	13.59 0.58 0.00	13.72 0.62 0.00	17.83 0.75 0.00	26.23 1.01 0.00	25.05 1.10 0.00	22.33 0.84 0.00	20.95 0.72 0.00	22.47 0.70 0.00	19.47 0.46 0.00
CH_RES_BVR_FALLS 23983	18.46 -0.39 0.00	16.70 -0.26 0.00	18.11 -0.21 0.00	16.77 -0.22 0.00	18.33 -0.15 0.00	22.53 -0.08 0.00	28.03 -0.24 0.00	44.69 -0.71 0.00	174.06 -2.21 0.00	19.55 -0.08 0.00	16.43 -0.15 0.00	9.67 -0.12 0.00	4.74 -0.06 0.00	6.30 -0.11 0.00	10.13 -0.22 0.00	12.68 -0.33 0.00	12.76 -0.34 0.00	16.69 -0.39 0.00	24.97 -0.25 0.00	23.79 -0.16 0.00	21.44 -0.06 0.00	20.19 -0.04 0.00	21.78 0.01 0.00	19.07 0.07 0.00
CH_RES_NIAGARA 23895	16.82 -2.03 0.00	15.22 -1.74 0.00	16.67 -1.65 0.00	15.49 -1.50 0.00	17.06 -1.42 0.00	20.62 -1.99 0.00	25.52 -2.76 0.00	40.37 -5.03 0.00	158.67 -17.61 0.00	17.85 -1.79 0.00	15.54 -1.04 0.00	9.08 -0.71 0.00	4.56 -0.23 0.00	6.02 -0.39 0.00	9.68 -0.67 0.00	11.94 -1.07 0.00	11.99 -1.10 0.00	15.61 -1.47 0.00	22.89 -2.33 0.00	21.38 -2.57 0.00	18.87 -2.62 0.00	17.70 -2.53 0.00	19.16 -2.62 0.00	17.01 -2.00 0.00
CH_RES_SYRACUSE 23985	18.75 -0.10 0.00	16.84 -0.12 0.00	18.21 -0.11 0.00	16.91 -0.08 0.00	18.43 -0.05 0.00	22.49 -0.12 0.00	28.11 -0.16 0.00	45.23 -0.16 0.00	175.29 -0.99 0.00	19.47 -0.16 0.00	16.52 -0.06 0.00	9.71 -0.07 0.00	4.78 -0.02 0.00	6.37 -0.04 0.00	10.28 -0.08 0.00	12.90 -0.11 0.00	13.01 -0.09 0.00	17.02 -0.07 0.00	25.09 -0.12 0.00	23.86 -0.09 0.00	21.29 -0.20 0.00	20.00 -0.23 0.00	21.53 -0.24 0.00	18.86 -0.15 0.00
CLINTON_WT_PWR 323605	-21.03 -0.80 39.07	-9.86 -0.66 26.16	-4.57 -0.67 22.21	16.37 -0.61 0.00	17.98 -0.50 0.00	22.25 -0.36 0.00	27.60 -0.67 0.00	43.27 -2.13 0.00	170.31 -5.96 0.00	19.33 -0.30 0.00	16.22 -0.36 0.00	9.61 -0.18 0.00	4.69 -0.11 0.00	6.23 -0.18 0.00	9.94 -0.42 0.00	12.54 -0.47 0.00	12.68 -0.42 0.00	16.76 -0.33 0.00	25.30 0.08 0.00	24.15 0.20 0.00	21.84 0.34 0.00	20.75 0.51 0.00	22.36 0.59 0.00	19.58 0.58 0.00
CLINTON___LFGE 323618	-21.48 -0.48 39.84	-10.10 -0.38 26.67	-4.71 -0.38 22.65	16.64 -0.35 0.00	18.24 -0.24 0.00	22.56 -0.05 0.00	28.04 -0.24 0.00	43.92 -1.48 0.00	172.95 -3.33 0.00	19.59 -0.04 0.00	16.43 -0.15 0.00	9.72 -0.07 0.00	4.74 -0.06 0.00	6.30 -0.11 0.00	10.05 -0.31 0.00	12.67 -0.34 0.00	12.81 -0.28 0.00	16.97 -0.11 0.00	25.66 0.44 0.00	24.53 0.58 0.00	22.15 0.66 0.00	21.03 0.80 0.00	22.65 0.88 0.00	19.83 0.83 0.00
COBBLENY_34_KV_TB1 80064	17.56 -1.29 0.00	15.83 -1.13 0.00	17.31 -1.01 0.00	16.07 -0.91 0.00	17.66 -0.82 0.00	21.43 -1.18 0.00	26.73 -1.54 0.00	42.82 -2.58 0.00	167.82 -8.45 0.00	18.81 -0.82 0.00	16.30 -0.27 0.00	9.49 -0.30 0.00	4.75 -0.05 0.00	6.28 -0.13 0.00	10.10 -0.26 0.00	12.50 -0.51 0.00	12.60 -0.50 0.00	16.44 -0.65 0.00	24.21 -1.01 0.00	22.66 -1.29 0.00	20.00 -1.49 0.00	18.71 -1.52 0.00	20.22 -1.55 0.00	17.77 -1.24 0.00
COFFEEN___115KV_TB3 355620	19.35 -1.07 -1.57	17.07 -0.93 -1.05	18.48 -0.73 -0.89	16.52 -0.47 0.00	18.10 -0.38 0.00	22.45 -0.16 0.00	28.19 -0.09 0.00	45.53 0.14 0.00	176.19 -0.09 0.00	19.20 -0.43 0.00	15.99 -0.59 0.00	9.35 -0.44 0.00	4.55 -0.25 0.00	6.05 -0.35 0.00	9.66 -0.69 0.00	12.03 -0.98 0.00	12.17 -0.92 0.00	16.18 -0.90 0.00	24.87 -0.34 0.00	24.11 0.16 0.00	21.39 -0.10 0.00	20.03 -0.20 0.00	21.64 -0.13 0.00	19.03 0.02 0.00
COLDSPRG_115KV_BK1 355956	18.21 -0.63 0.00	16.33 -0.63 0.00	17.93 -0.39 0.00	16.66 -0.33 0.00	18.05 -0.43 0.00	22.04 -0.57 0.00	27.93 -0.34 0.00	44.91 -0.48 0.00	175.53 -0.74 0.00	19.61 -0.02 0.00	17.00 0.42 0.00	9.88 0.09 0.00	4.95 0.15 0.00	6.57 0.16 0.00	10.58 0.21 0.00	13.15 0.13 0.00	13.20 0.10 0.00	17.23 0.14 0.00	25.30 0.08 0.00	23.61 -0.34 0.00	20.86 -0.63 0.00	19.44 -0.79 0.00	21.02 -0.75 0.00	18.42 -0.58 0.00
COLONIE_LFGE___ 323577	19.27 0.41 0.00	17.32 0.36 0.00	18.68 0.36 0.00	17.36 0.37 0.00	18.79 0.31 0.00	23.03 0.42 0.00	29.07 0.79 0.00	47.02 1.62 0.00	181.06 4.78 0.00	19.94 0.30 0.00	16.71 0.13 0.00	9.91 0.12 0.00	4.85 0.04 0.00	6.48 0.07 0.00	10.50 0.14 0.00	13.26 0.25 0.00	13.34 0.24 0.00	17.38 0.29 0.00	25.70 0.48 0.00	24.52 0.57 0.00	21.92 0.43 0.00	20.64 0.40 0.00	22.13 0.36 0.00	19.17 0.17 0.00
COOPERNY_115KV_TB1 80082	19.24 0.39 0.00	17.27 0.31 0.00	18.61 0.29 0.00	17.31 0.32 0.00	18.75 0.27 0.00	22.96 0.34 0.00	29.08 0.80 0.00	46.86 1.47 0.00	181.04 4.76 0.00	20.05 0.42 0.00	16.86 0.28 0.00	9.97 0.17 0.00	4.88 0.08 0.00	6.53 0.12 0.00	10.59 0.23 0.00	13.33 0.32 0.00	13.44 0.34 0.00	17.48 0.39 0.00	25.71 0.49 0.00	24.51 0.56 0.00	21.88 0.38 0.00	20.54 0.31 0.00	22.07 0.30 0.00	19.18 0.17 0.00
COPENHAGEN_WT_PWR 323753	18.98 -1.35 -1.49	16.78 -1.17 -0.99	18.22 -0.94 -0.85	16.38 -0.61 0.00	17.96 -0.52 0.00	22.28 -0.33 0.00	27.92 -0.35 0.00	45.11 -0.29 0.00	174.73 -1.54 0.00	19.17 -0.47 0.00	16.03 -0.55 0.00	9.39 -0.40 0.00	4.56 -0.24 0.00	6.06 -0.35 0.00	9.67 -0.69 0.00	12.02 -0.99 0.00	12.17 -0.93 0.00	16.20 -0.89 0.00	24.77 -0.44 0.00	23.88 -0.07 0.00	21.14 -0.35 0.00	19.81 -0.43 0.00	21.46 -0.32 0.00	18.91 -0.10 0.00
CORNELL_____ 23752	19.02 0.17 0.00	17.05 0.10 0.00	18.47 0.15 0.00	17.15 0.17 0.00	18.70 0.22 0.00	22.87 0.26 0.00	28.77 0.49 0.00	46.39 0.99 0.00	179.37 3.09 0.00	19.79 0.16 0.00	16.68 0.10 0.00	9.76 -0.03 0.00	4.81 0.00 0.00	6.41 0.00 0.00	10.33 -0.03 0.00	12.96 -0.05 0.00	13.10 0.00 0.00	17.20 0.12 0.00	25.57 0.35 0.00	24.42 0.47 0.00	21.80 0.31 0.00	20.48 0.24 0.00	22.02 0.25 0.00	19.20 0.20 0.00



CORONA__69_KV_TB1 355595	19.86 1.01 0.00	17.79 0.83 0.00	19.09 0.77 0.00	17.78 0.79 0.00	19.16 0.68 0.00	23.53 0.91 0.00	30.09 1.82 0.00	48.25 2.85 0.00	185.77 9.49 0.00	20.67 1.03 0.00	17.33 0.75 0.00	10.23 0.44 0.00	4.99 0.19 0.00	6.67 0.26 0.00	10.84 0.48 0.00	13.74 0.73 0.00	13.95 0.85 0.00	18.04 0.95 0.00	26.40 1.19 0.00	25.21 1.26 0.00	22.46 0.96 0.00	21.04 0.81 0.00	22.63 0.86 0.00	19.58 0.58 0.00
CORTLAND__115KV_TB3 80093	18.88 0.03 0.00	16.94 -0.02 0.00	18.33 0.01 0.00	17.04 0.05 0.00	18.55 0.07 0.00	22.69 0.07 0.00	28.53 0.26 0.00	46.03 0.63 0.00	178.00 1.73 0.00	19.64 0.01 0.00	16.59 0.01 0.00	9.72 -0.07 0.00	4.79 -0.01 0.00	6.39 -0.02 0.00	10.31 -0.05 0.00	12.94 -0.07 0.00	13.07 -0.03 0.00	17.13 0.04 0.00	25.38 0.16 0.00	24.23 0.28 0.00	21.63 0.14 0.00	20.33 0.10 0.00	21.88 0.11 0.00	19.08 0.08 0.00
COXSACKIE__GT 23611	20.26 1.41 0.00	18.20 1.24 0.00	19.64 1.33 0.00	18.26 1.27 0.00	19.81 1.33 0.00	24.33 1.71 0.00	30.74 2.46 0.00	49.79 4.39 0.00	191.81 15.53 0.00	20.97 1.34 0.00	17.52 0.94 0.00	10.32 0.53 0.00	5.02 0.22 0.00	6.70 0.29 0.00	10.81 0.45 0.00	13.63 0.62 0.00	13.78 0.68 0.00	18.23 1.14 0.00	27.25 2.04 0.00	26.18 2.23 0.00	23.37 1.88 0.00	21.93 1.70 0.00	23.47 1.70 0.00	20.31 1.30 0.00
CPV_VALLEY__CC1 323721	19.27 0.42 0.00	17.29 0.33 0.00	18.61 0.29 0.00	17.33 0.34 0.00	18.75 0.26 0.00	22.95 0.34 0.00	29.14 0.86 0.00	46.98 1.59 0.00	181.48 5.20 0.00	20.08 0.44 0.00	16.87 0.29 0.00	9.98 0.19 0.00	4.89 0.09 0.00	6.54 0.13 0.00	10.62 0.26 0.00	13.38 0.37 0.00	13.48 0.38 0.00	17.51 0.43 0.00	25.72 0.51 0.00	24.54 0.59 0.00	21.89 0.40 0.00	20.55 0.32 0.00	22.07 0.30 0.00	19.16 0.15 0.00
CPV_VALLEY__CC2 323722	19.27 0.42 0.00	17.29 0.33 0.00	18.61 0.29 0.00	17.33 0.34 0.00	18.75 0.26 0.00	22.95 0.34 0.00	29.14 0.86 0.00	46.98 1.59 0.00	181.48 5.20 0.00	20.08 0.44 0.00	16.87 0.29 0.00	9.98 0.19 0.00	4.89 0.09 0.00	6.54 0.13 0.00	10.62 0.26 0.00	13.38 0.37 0.00	13.48 0.38 0.00	17.51 0.43 0.00	25.72 0.51 0.00	24.54 0.59 0.00	21.89 0.40 0.00	20.55 0.32 0.00	22.07 0.30 0.00	19.16 0.15 0.00
CRESCENT__HYD 24018	19.27 0.41 0.00	17.32 0.36 0.00	18.68 0.36 0.00	17.36 0.37 0.00	18.79 0.31 0.00	23.03 0.42 0.00	29.07 0.79 0.00	47.02 1.62 0.00	181.06 4.78 0.00	19.94 0.30 0.00	16.71 0.13 0.00	9.91 0.12 0.00	4.85 0.04 0.00	6.48 0.07 0.00	10.50 0.14 0.00	13.26 0.25 0.00	13.34 0.24 0.00	17.38 0.29 0.00	25.70 0.48 0.00	24.52 0.57 0.00	21.92 0.43 0.00	20.64 0.40 0.00	22.13 0.36 0.00	19.17 0.17 0.00
CRICKET__VALLEY_CC1 323756	19.28 0.43 0.00	17.31 0.35 0.00	18.63 0.31 0.00	17.34 0.35 0.00	18.70 0.22 0.00	22.85 0.24 0.00	29.05 0.78 0.00	47.00 1.61 0.00	181.12 4.84 0.00	20.03 0.39 0.00	16.81 0.22 0.00	9.95 0.16 0.00	4.87 0.07 0.00	6.52 0.11 0.00	10.58 0.22 0.00	13.38 0.37 0.00	13.48 0.38 0.00	17.50 0.41 0.00	25.70 0.48 0.00	24.57 0.62 0.00	21.91 0.42 0.00	20.58 0.34 0.00	22.10 0.32 0.00	19.14 0.13 0.00
CRICKET__VALLEY_CC2 323757	19.28 0.43 0.00	17.31 0.35 0.00	18.63 0.31 0.00	17.34 0.35 0.00	18.70 0.22 0.00	22.85 0.24 0.00	29.05 0.78 0.00	47.00 1.61 0.00	181.12 4.84 0.00	20.03 0.39 0.00	16.81 0.22 0.00	9.95 0.16 0.00	4.87 0.07 0.00	6.52 0.11 0.00	10.58 0.22 0.00	13.38 0.37 0.00	13.48 0.38 0.00	17.50 0.41 0.00	25.70 0.48 0.00	24.57 0.62 0.00	21.91 0.42 0.00	20.58 0.34 0.00	22.10 0.32 0.00	19.14 0.13 0.00
CRICKET__VALLEY_CC3 323758	19.28 0.43 0.00	17.31 0.35 0.00	18.63 0.31 0.00	17.34 0.35 0.00	18.70 0.22 0.00	22.85 0.24 0.00	29.05 0.78 0.00	47.00 1.61 0.00	181.12 4.84 0.00	20.03 0.39 0.00	16.81 0.22 0.00	9.95 0.16 0.00	4.87 0.07 0.00	6.52 0.11 0.00	10.58 0.22 0.00	13.38 0.37 0.00	13.48 0.38 0.00	17.50 0.41 0.00	25.70 0.48 0.00	24.57 0.62 0.00	21.91 0.42 0.00	20.58 0.34 0.00	22.10 0.32 0.00	19.14 0.13 0.00
CRUCIBLE_METL_DRP 24180	18.75 -0.10 0.00	16.84 -0.12 0.00	18.21 -0.11 0.00	16.91 -0.08 0.00	18.43 -0.05 0.00	22.49 -0.12 0.00	28.12 -0.16 0.00	45.23 -0.16 0.00	175.28 -0.99 0.00	19.47 -0.16 0.00	16.52 -0.06 0.00	9.71 -0.07 0.00	4.78 -0.02 0.00	6.37 -0.04 0.00	10.28 -0.07 0.00	12.90 -0.11 0.00	13.01 -0.09 0.00	17.02 -0.07 0.00	25.09 -0.12 0.00	23.86 -0.09 0.00	21.30 -0.20 0.00	20.00 -0.24 0.00	21.53 -0.24 0.00	18.86 -0.15 0.00
DAHOWA__HYDRO 323763	19.49 0.64 0.00	17.51 0.56 0.00	18.89 0.57 0.00	17.56 0.58 0.00	19.03 0.54 0.00	23.37 0.76 0.00	29.55 1.28 0.00	47.92 2.52 0.00	184.45 8.17 0.00	20.16 0.53 0.00	16.82 0.24 0.00	9.96 0.16 0.00	4.87 0.06 0.00	6.51 0.09 0.00	10.52 0.16 0.00	13.32 0.31 0.00	13.45 0.35 0.00	17.66 0.57 0.00	26.23 1.01 0.00	25.05 1.10 0.00	22.39 0.90 0.00	21.03 0.80 0.00	22.48 0.71 0.00	19.44 0.43 0.00
DANC__LFGE 323619	18.87 -1.01 -1.03	16.76 -0.89 -0.69	18.15 -0.76 -0.58	16.46 -0.52 0.00	18.00 -0.48 0.00	22.18 -0.43 0.00	27.79 -0.49 0.00	44.82 -0.58 0.00	173.63 -2.65 0.00	19.12 -0.51 0.00	16.08 -0.50 0.00	9.43 -0.36 0.00	4.61 -0.19 0.00	6.13 -0.28 0.00	9.82 -0.54 0.00	12.26 -0.76 0.00	12.38 -0.72 0.00	16.37 -0.72 0.00	24.69 -0.53 0.00	23.70 -0.25 0.00	21.04 -0.45 0.00	19.73 -0.50 0.00	21.32 -0.45 0.00	18.76 -0.24 0.00
DANSKAMMER__1 23586	19.62 0.77 0.00	17.60 0.65 0.00	18.94 0.63 0.00	17.63 0.64 0.00	19.06 0.58 0.00	23.34 0.73 0.00	29.71 1.44 0.00	47.98 2.59 0.00	185.14 8.86 0.00	20.43 0.80 0.00	17.14 0.56 0.00	10.14 0.35 0.00	4.96 0.16 0.00	6.63 0.22 0.00	10.77 0.42 0.00	13.59 0.58 0.00	13.72 0.62 0.00	17.83 0.75 0.00	26.23 1.01 0.00	25.05 1.10 0.00	22.33 0.84 0.00	20.95 0.72 0.00	22.47 0.70 0.00	19.47 0.46 0.00
DANSKAMMER__2 23589	19.62 0.77 0.00	17.60 0.65 0.00	18.94 0.63 0.00	17.63 0.64 0.00	19.06 0.58 0.00	23.34 0.73 0.00	29.71 1.44 0.00	47.98 2.59 0.00	185.14 8.86 0.00	20.43 0.80 0.00	17.14 0.56 0.00	10.14 0.35 0.00	4.96 0.16 0.00	6.63 0.22 0.00	10.77 0.42 0.00	13.59 0.58 0.00	13.72 0.62 0.00	17.83 0.75 0.00	26.23 1.01 0.00	25.05 1.10 0.00	22.33 0.84 0.00	20.95 0.72 0.00	22.47 0.70 0.00	19.47 0.46 0.00
DANSKAMMER__3 23590	19.62 0.77 0.00	17.60 0.65 0.00	18.94 0.63 0.00	17.63 0.64 0.00	19.06 0.58 0.00	23.34 0.73 0.00	29.71 1.44 0.00	47.98 2.59 0.00	185.14 8.86 0.00	20.43 0.80 0.00	17.14 0.56 0.00	10.14 0.35 0.00	4.96 0.16 0.00	6.63 0.22 0.00	10.77 0.42 0.00	13.59 0.58 0.00	13.72 0.62 0.00	17.83 0.75 0.00	26.23 1.01 0.00	25.05 1.10 0.00	22.33 0.84 0.00	20.95 0.72 0.00	22.47 0.70 0.00	19.47 0.46 0.00



DANSKAMMER___4 23591	19.62 0.77 0.00	17.60 0.65 0.00	18.94 0.63 0.00	17.63 0.64 0.00	19.06 0.58 0.00	23.34 0.73 0.00	29.71 1.44 0.00	47.98 2.59 0.00	185.14 8.86 0.00	20.43 0.80 0.00	17.14 0.56 0.00	10.14 0.35 0.00	4.96 0.16 0.00	6.63 0.22 0.00	10.77 0.42 0.00	13.59 0.58 0.00	13.72 0.62 0.00	17.83 0.75 0.00	26.23 1.01 0.00	25.05 1.10 0.00	22.33 0.84 0.00	20.95 0.72 0.00	22.47 0.70 0.00	19.47 0.46 0.00
DANSKAMMER___DIESEL 23592	19.62 0.77 0.00	17.60 0.65 0.00	18.94 0.63 0.00	17.63 0.64 0.00	19.06 0.58 0.00	23.34 0.73 0.00	29.72 1.44 0.00	47.99 2.59 0.00	185.14 8.87 0.00	20.43 0.80 0.00	17.14 0.56 0.00	10.14 0.35 0.00	4.96 0.16 0.00	6.63 0.22 0.00	10.77 0.42 0.00	13.59 0.58 0.00	13.72 0.62 0.00	17.83 0.75 0.00	26.23 1.01 0.00	25.05 1.10 0.00	22.33 0.84 0.00	20.95 0.71 0.00	22.47 0.70 0.00	19.46 0.46 0.00
DARBY___SOLAR 323810	19.45 0.60 0.00	17.48 0.52 0.00	18.85 0.53 0.00	17.53 0.54 0.00	18.98 0.50 0.00	23.31 0.70 0.00	29.45 1.18 0.00	47.71 2.32 0.00	183.66 7.38 0.00	20.10 0.47 0.00	16.79 0.20 0.00	9.94 0.15 0.00	4.86 0.05 0.00	6.50 0.08 0.00	10.51 0.14 0.00	13.29 0.28 0.00	13.42 0.32 0.00	17.60 0.52 0.00	26.13 0.91 0.00	24.96 1.01 0.00	22.31 0.81 0.00	20.96 0.73 0.00	22.42 0.65 0.00	19.40 0.39 0.00
DASHVILLE___HYD 23610	19.31 0.46 0.00	17.32 0.37 0.00	18.63 0.31 0.00	17.35 0.36 0.00	18.74 0.26 0.00	22.93 0.32 0.00	29.22 0.94 0.00	47.17 1.77 0.00	182.08 5.80 0.00	20.12 0.49 0.00	16.89 0.31 0.00	10.00 0.21 0.00	4.89 0.08 0.00	6.54 0.13 0.00	10.65 0.29 0.00	13.45 0.43 0.00	13.56 0.46 0.00	17.62 0.53 0.00	25.89 0.68 0.00	24.75 0.80 0.00	22.07 0.58 0.00	20.69 0.46 0.00	22.21 0.43 0.00	19.25 0.24 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	20.16 1.31 0.00	18.02 1.06 0.00	19.34 1.02 0.00	18.08 1.09 0.00	19.42 0.94 0.00	23.89 1.28 0.00	30.70 2.43 0.00	49.18 3.79 0.00	190.34 14.07 0.00	21.10 1.47 0.00	17.38 0.80 0.00	10.18 0.39 0.00	4.95 0.15 0.00	6.54 0.13 0.00	10.61 0.25 0.00	13.60 0.59 0.00	14.15 1.05 0.00	18.13 1.05 0.00	26.59 1.37 0.00	25.54 1.59 0.00	22.66 1.16 0.00	21.08 0.85 0.00	22.66 0.89 0.00	19.61 0.61 0.00
DELAWARE___LFGE 323621	19.20 0.35 0.00	17.23 0.27 0.00	18.63 0.31 0.00	17.31 0.32 0.00	18.81 0.33 0.00	23.04 0.42 0.00	29.05 0.78 0.00	46.73 1.33 0.00	180.62 4.35 0.00	20.02 0.39 0.00	16.89 0.31 0.00	9.97 0.18 0.00	4.89 0.09 0.00	6.54 0.13 0.00	10.57 0.21 0.00	13.27 0.26 0.00	13.37 0.27 0.00	17.44 0.36 0.00	25.76 0.55 0.00	24.55 0.60 0.00	21.95 0.46 0.00	20.63 0.39 0.00	22.19 0.42 0.00	19.31 0.30 0.00
DERFIELD_115KV_TB7 355931	18.89 0.04 0.00	16.98 0.02 0.00	18.34 0.02 0.00	17.04 0.05 0.00	18.50 0.02 0.00	22.64 0.03 0.00	28.43 0.15 0.00	45.75 0.36 0.00	177.13 8.85 0.00	19.67 0.04 0.00	16.59 0.01 0.00	9.80 0.01 0.00	4.80 0.00 0.00	6.42 0.00 0.00	10.38 0.02 0.00	13.05 0.04 0.00	13.12 0.02 0.00	17.11 0.03 0.00	25.24 0.03 0.00	24.01 0.06 0.00	21.49 0.00 0.00	20.21 -0.02 0.00	21.75 -0.02 0.00	18.97 -0.04 0.00
DOGLEVILLE___HYD 23807	18.58 -0.28 0.00	16.63 -0.33 0.00	17.94 -0.38 0.00	16.73 -0.27 0.00	18.10 -0.38 0.00	22.19 -0.42 0.00	28.27 0.00 0.00	45.97 0.58 0.00	177.15 8.87 0.00	19.26 -0.37 0.00	16.08 -0.49 0.00	9.48 -0.31 0.00	4.65 -0.15 0.00	6.21 -0.20 0.00	10.05 -0.30 0.00	12.68 -0.33 0.00	12.77 -0.33 0.00	16.72 -0.36 0.00	24.86 -0.35 0.00	23.86 -0.09 0.00	21.31 -0.18 0.00	20.08 -0.15 0.00	21.56 -0.22 0.00	18.62 -0.39 0.00
DUNKIRK___115KV_TB_200 55889	17.41 -1.44 0.00	15.65 -1.31 0.00	17.16 -1.16 0.00	15.96 -1.03 0.00	17.45 -1.04 0.00	21.26 -1.35 0.00	26.73 -1.54 0.00	42.89 -2.50 0.00	167.61 -8.67 0.00	18.83 -0.80 0.00	16.30 -0.28 0.00	9.44 -0.36 0.00	4.75 -0.05 0.00	6.29 -0.12 0.00	10.11 -0.24 0.00	12.56 -0.45 0.00	12.63 -0.47 0.00	16.50 -0.59 0.00	24.27 -0.94 0.00	22.65 -1.30 0.00	19.97 -1.52 0.00	18.63 -1.60 0.00	20.13 -1.64 0.00	17.67 -1.34 0.00
DUNKIRK___1 23563	17.41 -1.44 0.00	15.65 -1.31 0.00	17.16 -1.16 0.00	15.96 -1.03 0.00	17.45 -1.04 0.00	21.26 -1.35 0.00	26.73 -1.54 0.00	42.89 -2.50 0.00	167.61 -8.67 0.00	18.83 -0.80 0.00	16.30 -0.28 0.00	9.44 -0.36 0.00	4.75 -0.05 0.00	6.29 -0.12 0.00	10.11 -0.24 0.00	12.56 -0.45 0.00	12.63 -0.47 0.00	16.50 -0.59 0.00	24.27 -0.94 0.00	22.65 -1.30 0.00	19.97 -1.52 0.00	18.63 -1.60 0.00	20.13 -1.64 0.00	17.67 -1.34 0.00
DUNKIRK___2 23564	17.41 -1.44 0.00	15.65 -1.31 0.00	17.16 -1.16 0.00	15.96 -1.03 0.00	17.45 -1.04 0.00	21.26 -1.35 0.00	26.73 -1.54 0.00	42.89 -2.50 0.00	167.61 -8.67 0.00	18.83 -0.80 0.00	16.30 -0.28 0.00	9.44 -0.36 0.00	4.75 -0.05 0.00	6.29 -0.12 0.00	10.11 -0.24 0.00	12.56 -0.45 0.00	12.63 -0.47 0.00	16.50 -0.59 0.00	24.27 -0.94 0.00	22.65 -1.30 0.00	19.97 -1.52 0.00	18.63 -1.60 0.00	20.13 -1.64 0.00	17.67 -1.34 0.00
DUNKIRK___3 23565	17.46 -1.39 0.00	15.70 -1.26 0.00	17.19 -1.13 0.00	15.98 -1.01 0.00	17.48 -1.00 0.00	21.28 -1.34 0.00	26.72 -1.56 0.00	42.88 -2.52 0.00	167.43 -8.85 0.00	18.80 -0.84 0.00	16.27 -0.31 0.00	9.43 -0.36 0.00	4.74 -0.06 0.00	6.28 -0.13 0.00	10.10 -0.25 0.00	12.54 -0.47 0.00	12.61 -0.49 0.00	16.46 -0.62 0.00	24.23 -0.99 0.00	22.64 -1.31 0.00	19.99 -1.51 0.00	18.67 -1.56 0.00	20.18 -1.60 0.00	17.69 -1.31 0.00
DUNKIRK___4 23566	17.46 -1.39 0.00	15.70 -1.26 0.00	17.19 -1.13 0.00	15.98 -1.01 0.00	17.48 -1.00 0.00	21.28 -1.34 0.00	26.72 -1.56 0.00	42.88 -2.52 0.00	167.43 -8.85 0.00	18.80 -0.84 0.00	16.27 -0.31 0.00	9.43 -0.36 0.00	4.74 -0.06 0.00	6.28 -0.13 0.00	10.10 -0.25 0.00	12.54 -0.47 0.00	12.61 -0.49 0.00	16.46 -0.62 0.00	24.23 -0.99 0.00	22.64 -1.31 0.00	19.99 -1.51 0.00	18.67 -1.56 0.00	20.18 -1.60 0.00	17.69 -1.31 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	19.58 0.73 0.00	17.57 0.61 0.00	18.88 0.57 0.00	17.59 0.60 0.00	18.99 0.51 0.00	23.25 0.64 0.00	29.67 1.39 0.00	47.87 2.47 0.00	184.81 8.54 0.00	20.46 0.82 0.00	17.17 0.59 0.00	10.17 0.38 0.00	4.97 0.17 0.00	6.65 0.24 0.00	10.81 0.46 0.00	13.65 0.64 0.00	13.77 0.67 0.00	17.86 0.77 0.00	26.16 0.94 0.00	24.97 1.02 0.00	22.24 0.75 0.00	20.86 0.62 0.00	22.38 0.61 0.00	19.39 0.38 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	19.50 0.65 0.00	17.49 0.54 0.00	18.83 0.51 0.00	17.53 0.54 0.00	18.95 0.47 0.00	23.21 0.60 0.00	29.53 1.26 0.00	47.66 2.27 0.00	183.92 7.64 0.00	20.31 0.67 0.00	17.04 0.46 0.00	10.08 0.29 0.00	4.93 0.13 0.00	6.60 0.19 0.00	10.71 0.36 0.00	13.51 0.50 0.00	13.63 0.53 0.00	17.72 0.63 0.00	26.05 0.83 0.00	24.87 0.92 0.00	22.18 0.68 0.00	20.81 0.57 0.00	22.33 0.56 0.00	19.36 0.35 0.00



E179THST_138_KV_TB4_REV_LBMP_J 345001	19.55 0.70 0.00	17.53 0.57 0.00	18.82 0.51 0.00	17.54 0.55 0.00	18.94 0.46 0.00	23.17 0.55 0.00	29.59 1.31 0.00	47.86 2.47 0.00	184.65 8.37 0.00	20.47 0.84 0.00	17.18 0.59 0.00	10.17 0.38 0.00	4.97 0.17 0.00	6.65 0.25 0.00	10.82 0.47 0.00	13.64 0.63 0.00	13.78 0.69 0.00	17.83 0.75 0.00	26.02 0.80 0.00	24.90 0.96 0.00	22.20 0.71 0.00	20.82 0.59 0.00	22.29 0.52 0.00	19.34 0.34 0.00
E179THST_13_KV_LOAD 356214	19.63 0.78 0.00	17.60 0.64 0.00	18.90 0.59 0.00	17.61 0.62 0.00	19.02 0.54 0.00	23.27 0.65 0.00	29.72 1.45 0.00	48.09 2.70 0.00	185.54 9.27 0.00	20.57 0.94 0.00	17.26 0.68 0.00	10.23 0.43 0.00	5.00 0.20 0.00	6.69 0.28 0.00	10.88 0.53 0.00	13.71 0.70 0.00	13.85 0.75 0.00	17.93 0.84 0.00	26.15 0.94 0.00	25.03 1.08 0.00	22.31 0.82 0.00	20.92 0.69 0.00	22.40 0.63 0.00	19.44 0.43 0.00
EAST HAMPTON___GT 23717	20.35 1.50 0.00	18.19 1.23 0.00	19.52 1.21 0.00	18.25 1.26 0.00	19.62 1.14 0.00	24.14 1.53 0.00	31.04 2.77 0.00	49.74 4.34 0.00	192.46 16.18 0.00	21.30 1.67 0.00	17.54 0.96 0.00	10.26 0.47 0.00	4.98 0.17 0.00	6.54 0.13 0.00	10.61 0.25 0.00	13.59 0.58 0.00	14.16 1.06 0.00	18.15 1.06 0.00	26.66 1.44 0.00	25.69 1.74 0.00	22.77 1.28 0.00	21.11 0.88 0.00	22.65 0.88 0.00	19.60 0.60 0.00
EAST RIVER___6 23660	19.58 0.73 0.00	17.56 0.60 0.00	18.86 0.54 0.00	17.57 0.58 0.00	18.98 0.49 0.00	23.23 0.62 0.00	29.70 1.43 0.00	47.97 2.58 0.00	185.35 9.07 0.00	20.53 0.90 0.00	17.24 0.66 0.00	10.21 0.42 0.00	4.99 0.19 0.00	6.69 0.28 0.00	10.87 0.52 0.00	13.72 0.71 0.00	13.85 0.75 0.00	17.94 0.86 0.00	26.22 1.01 0.00	25.01 1.06 0.00	22.28 0.79 0.00	20.89 0.65 0.00	22.38 0.61 0.00	19.36 0.36 0.00
EAST RIVER___7 23524	19.58 0.73 0.00	17.56 0.60 0.00	18.86 0.54 0.00	17.57 0.58 0.00	18.98 0.49 0.00	23.23 0.62 0.00	29.70 1.43 0.00	47.97 2.58 0.00	185.35 9.07 0.00	20.53 0.90 0.00	17.24 0.66 0.00	10.21 0.42 0.00	4.99 0.19 0.00	6.69 0.28 0.00	10.87 0.52 0.00	13.72 0.71 0.00	13.85 0.75 0.00	17.94 0.86 0.00	26.22 1.01 0.00	25.01 1.06 0.00	22.28 0.79 0.00	20.89 0.65 0.00	22.38 0.61 0.00	19.36 0.36 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	19.55 0.70 0.00	17.54 0.58 0.00	18.85 0.54 0.00	17.56 0.57 0.00	18.97 0.49 0.00	23.23 0.62 0.00	29.63 1.36 0.00	47.81 2.42 0.00	184.47 8.20 0.00	20.42 0.78 0.00	17.14 0.56 0.00	10.15 0.36 0.00	4.96 0.16 0.00	6.64 0.23 0.00	10.79 0.44 0.00	13.61 0.60 0.00	13.74 0.64 0.00	17.82 0.73 0.00	26.11 0.90 0.00	24.93 0.98 0.00	22.21 0.72 0.00	20.83 0.60 0.00	22.34 0.57 0.00	19.36 0.36 0.00
EAST_HAMPTON___DIESEL 23722	20.35 1.50 0.00	18.19 1.23 0.00	19.52 1.21 0.00	18.25 1.26 0.00	19.62 1.14 0.00	24.14 1.53 0.00	31.05 2.77 0.00	49.74 4.34 0.00	192.46 16.18 0.00	21.30 1.67 0.00	17.54 0.96 0.00	10.26 0.47 0.00	4.97 0.17 0.00	6.54 0.13 0.00	10.60 0.24 0.00	13.58 0.57 0.00	14.14 1.05 0.00	18.13 1.05 0.00	26.63 1.42 0.00	25.68 1.73 0.00	22.76 1.27 0.00	21.09 0.86 0.00	22.63 0.86 0.00	19.58 0.58 0.00
EAST_PULASKI___ESR 323781	18.24 -0.61 0.00	16.40 -0.56 0.00	17.80 -0.52 0.00	16.60 -0.39 0.00	18.09 -0.39 0.00	22.17 -0.45 0.00	27.74 -0.53 0.00	44.71 -0.68 0.00	173.21 -3.07 0.00	19.15 -0.48 0.00	16.20 -0.38 0.00	9.51 -0.28 0.00	4.67 -0.14 0.00	6.21 -0.20 0.00	10.00 -0.36 0.00	12.52 -0.49 0.00	12.63 -0.46 0.00	16.59 -0.50 0.00	24.68 -0.53 0.00	23.59 -0.36 0.00	21.02 -0.47 0.00	19.73 -0.50 0.00	21.27 -0.51 0.00	18.69 -0.32 0.00
EAST_RIVER___1 323558	19.59 0.73 0.00	17.57 0.61 0.00	18.87 0.55 0.00	17.58 0.59 0.00	18.98 0.50 0.00	23.24 0.63 0.00	29.71 1.43 0.00	47.97 2.57 0.00	185.33 9.05 0.00	20.52 0.89 0.00	17.22 0.64 0.00	10.20 0.41 0.00	4.99 0.19 0.00	6.68 0.27 0.00	10.86 0.51 0.00	13.70 0.69 0.00	13.83 0.73 0.00	17.91 0.83 0.00	26.19 0.97 0.00	24.98 1.03 0.00	22.25 0.76 0.00	20.86 0.63 0.00	22.36 0.59 0.00	19.37 0.36 0.00
EAST_RIVER___2 323559	19.58 0.73 0.00	17.56 0.60 0.00	18.86 0.54 0.00	17.57 0.58 0.00	18.98 0.49 0.00	23.23 0.62 0.00	29.70 1.43 0.00	47.97 2.58 0.00	185.35 9.07 0.00	20.53 0.90 0.00	17.24 0.66 0.00	10.21 0.42 0.00	4.99 0.19 0.00	6.69 0.28 0.00	10.87 0.52 0.00	13.72 0.71 0.00	13.85 0.75 0.00	17.94 0.86 0.00	26.22 1.01 0.00	25.01 1.06 0.00	22.28 0.79 0.00	20.89 0.65 0.00	22.38 0.61 0.00	19.36 0.36 0.00
EAST___DELAWARE_HYD 23607	19.80 0.95 0.00	17.75 0.80 0.00	19.12 0.80 0.00	17.79 0.80 0.00	19.26 0.77 0.00	23.58 0.97 0.00	30.04 1.76 0.00	48.47 3.07 0.00	187.16 10.89 0.00	20.60 0.97 0.00	17.25 0.67 0.00	10.18 0.39 0.00	4.98 0.18 0.00	6.65 0.24 0.00	10.80 0.44 0.00	13.62 0.61 0.00	13.76 0.67 0.00	17.95 0.87 0.00	26.51 1.30 0.00	25.38 1.43 0.00	22.61 1.12 0.00	21.19 0.96 0.00	22.73 0.96 0.00	19.70 0.69 0.00
EIGHT_POINT___WT_PWR 323820	17.59 -1.26 0.00	16.09 -0.87 0.00	17.10 -1.21 0.00	15.97 -1.02 0.00	17.78 -0.70 0.00	21.29 -1.32 0.00	27.04 -1.23 0.00	44.19 -1.21 0.00	171.88 -4.39 0.00	19.47 -0.17 0.00	16.43 -0.15 0.00	9.50 -0.29 0.00	4.68 -0.12 0.00	6.26 -0.15 0.00	10.04 -0.31 0.00	12.62 -0.39 0.00	12.70 -0.40 0.00	16.83 -0.26 0.00	25.28 0.07 0.00	24.50 0.55 0.00	21.90 0.41 0.00	20.15 -0.08 0.00	21.49 -0.28 0.00	18.09 -0.92 0.00
ELBRIDGE_115KV_TB2 80188	18.64 -0.21 0.00	16.75 -0.21 0.00	18.11 -0.21 0.00	16.83 -0.16 0.00	18.33 -0.15 0.00	22.36 -0.25 0.00	27.95 -0.32 0.00	44.98 -0.41 0.00	174.31 -1.97 0.00	19.36 -0.27 0.00	16.44 -0.14 0.00	9.66 -0.13 0.00	4.76 -0.04 0.00	6.34 -0.07 0.00	10.24 -0.11 0.00	12.85 -0.16 0.00	12.95 -0.15 0.00	16.93 -0.16 0.00	24.99 -0.23 0.00	23.76 -0.19 0.00	21.21 -0.28 0.00	19.93 -0.30 0.00	21.45 -0.32 0.00	18.77 -0.23 0.00
ELEC_TRO_TEK 24086	19.77 0.92 0.00	17.71 0.75 0.00	19.01 0.70 0.00	17.71 0.72 0.00	19.09 0.61 0.00	23.44 0.82 0.00	29.98 1.70 0.00	48.12 2.72 0.00	185.49 9.21 0.00	20.60 0.97 0.00	17.27 0.69 0.00	10.19 0.40 0.00	4.98 0.17 0.00	6.64 0.23 0.00	10.80 0.45 0.00	13.70 0.69 0.00	13.91 0.81 0.00	17.99 0.91 0.00	26.33 1.12 0.00	25.13 1.18 0.00	22.37 0.88 0.00	20.96 0.72 0.00	22.53 0.76 0.00	19.50 0.50 0.00
ELLENBURG_WT_PWR 323604	-21.03 -0.80 39.07	-9.86 -0.66 26.16	-4.57 -0.67 22.21	16.37 -0.61 0.00	17.98 -0.50 0.00	22.25 -0.36 0.00	27.60 -0.67 0.00	43.27 -2.13 0.00	170.31 -5.96 0.00	19.33 -0.30 0.00	16.22 -0.36 0.00	9.61 -0.18 0.00	4.69 -0.11 0.00	6.23 -0.18 0.00	9.94 -0.42 0.00	12.54 -0.47 0.00	12.68 -0.42 0.00	16.76 -0.33 0.00	25.30 0.08 0.00	24.15 0.20 0.00	21.84 0.34 0.00	20.75 0.51 0.00	22.36 0.59 0.00	19.58 0.58 0.00



ELM_ST_23_KV_LD_REV_LBMP_A 345012	17.31 -1.54 0.00	15.63 -1.33 0.00	17.10 -1.21 0.00	15.89 -1.10 0.00	17.46 -1.02 0.00	21.17 -1.44 0.00	26.36 -1.91 0.00	42.16 -3.24 0.00	165.30 -10.98 0.00	18.54 -1.09 0.00	16.10 -0.48 0.00	9.38 -0.41 0.00	4.70 -0.10 0.00	6.21 -0.21 0.00	9.98 -0.38 0.00	12.35 -0.66 0.00	12.44 -0.66 0.00	16.23 -0.85 0.00	23.88 -1.34 0.00	22.32 -1.63 0.00	19.69 -1.80 0.00	18.43 -1.81 0.00	19.93 -1.84 0.00	17.54 -1.46 0.00
EMPIRE_CC_1 323656	19.13 0.27 0.00	17.19 0.24 0.00	18.54 0.23 0.00	17.24 0.25 0.00	18.65 0.17 0.00	22.81 0.20 0.00	28.71 0.43 0.00	46.41 1.02 0.00	178.34 2.06 0.00	19.73 0.10 0.00	16.60 0.02 0.00	9.87 0.07 0.00	4.82 0.02 0.00	6.45 0.04 0.00	10.46 0.10 0.00	13.20 0.18 0.00	13.25 0.15 0.00	17.19 0.10 0.00	25.35 0.14 0.00	24.19 0.24 0.00	21.61 0.12 0.00	20.37 0.14 0.00	21.93 0.16 0.00	19.00 -0.01 0.00
EMPIRE_CC_2 323658	19.13 0.27 0.00	17.19 0.24 0.00	18.54 0.23 0.00	17.24 0.25 0.00	18.65 0.17 0.00	22.81 0.20 0.00	28.71 0.43 0.00	46.41 1.02 0.00	178.34 2.06 0.00	19.73 0.10 0.00	16.60 0.02 0.00	9.87 0.07 0.00	4.82 0.02 0.00	6.45 0.04 0.00	10.46 0.10 0.00	13.20 0.18 0.00	13.25 0.15 0.00	17.19 0.10 0.00	25.35 0.14 0.00	24.19 0.24 0.00	21.61 0.12 0.00	20.37 0.14 0.00	21.93 0.16 0.00	19.00 -0.01 0.00
ENORWICH_115KV_TB1 80156	19.81 0.96 0.00	17.64 0.69 0.00	19.45 1.14 0.00	17.95 0.96 0.00	19.70 1.22 0.00	24.26 1.65 0.00	30.70 2.43 0.00	49.38 3.99 0.00	189.73 13.45 0.00	20.60 0.97 0.00	17.20 0.62 0.00	10.04 0.25 0.00	4.94 0.13 0.00	6.56 0.15 0.00	10.47 0.11 0.00	13.12 0.10 0.00	13.35 0.25 0.00	17.81 0.72 0.00	26.97 1.75 0.00	25.82 1.88 0.00	23.09 1.60 0.00	21.70 1.47 0.00	23.33 1.56 0.00	20.31 1.30 0.00
ERIE_ST__34_KV_TB1-2 80199	17.86 -0.99 0.00	16.09 -0.87 0.00	17.58 -0.73 0.00	16.34 -0.65 0.00	17.92 -0.56 0.00	21.72 -0.89 0.00	27.12 -1.15 0.00	43.52 -1.87 0.00	170.48 -5.79 0.00	19.12 -0.52 0.00	16.55 -0.03 0.00	9.64 -0.15 0.00	4.83 0.03 0.00	6.37 -0.04 0.00	10.25 -0.11 0.00	12.70 -0.31 0.00	12.80 -0.30 0.00	16.73 -0.36 0.00	24.64 -0.58 0.00	23.08 -0.87 0.00	20.39 -1.11 0.00	19.06 -1.17 0.00	20.61 -1.17 0.00	18.09 -0.92 0.00
ERIE_WT_PWR 323693	17.45 -1.40 0.00	15.73 -1.23 0.00	17.19 -1.13 0.00	15.98 -1.01 0.00	17.56 -0.92 0.00	21.31 -1.31 0.00	26.56 -1.71 0.00	42.57 -2.83 0.00	166.80 -9.48 0.00	18.73 -0.91 0.00	16.23 -0.35 0.00	9.45 -0.34 0.00	4.73 -0.07 0.00	6.25 -0.16 0.00	10.05 -0.30 0.00	12.45 -0.57 0.00	12.54 -0.56 0.00	16.38 -0.71 0.00	24.12 -1.10 0.00	22.55 -1.40 0.00	19.91 -1.59 0.00	18.61 -1.62 0.00	20.12 -1.65 0.00	17.68 -1.32 0.00
ESPRGFLD_115KV_TB1 80157	19.45 0.60 0.00	17.47 0.52 0.00	18.94 0.62 0.00	17.60 0.62 0.00	19.21 0.73 0.00	23.56 0.94 0.00	29.56 1.29 0.00	47.32 1.92 0.00	183.34 7.06 0.00	20.44 0.80 0.00	17.34 0.76 0.00	10.21 0.42 0.00	5.00 0.20 0.00	6.68 0.27 0.00	10.74 0.39 0.00	13.38 0.37 0.00	13.52 0.42 0.00	17.75 0.66 0.00	26.37 1.16 0.00	25.16 1.22 0.00	22.55 1.06 0.00	21.19 0.96 0.00	22.86 1.09 0.00	19.99 0.98 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	19.00 0.15 0.00	17.03 0.07 0.00	18.45 0.13 0.00	17.13 0.14 0.00	18.67 0.19 0.00	22.84 0.23 0.00	28.72 0.45 0.00	46.31 0.91 0.00	179.02 2.74 0.00	19.75 0.12 0.00	16.66 0.08 0.00	9.75 -0.04 0.00	4.80 0.00 0.00	6.40 -0.01 0.00	10.32 -0.04 0.00	12.95 -0.06 0.00	13.08 -0.02 0.00	17.18 0.10 0.00	25.53 0.32 0.00	24.38 0.43 0.00	21.76 0.27 0.00	20.44 0.21 0.00	21.99 0.22 0.00	19.18 0.17 0.00
ETNA____115KV_TB2 80207	19.00 0.15 0.00	17.03 0.07 0.00	18.45 0.13 0.00	17.13 0.14 0.00	18.67 0.19 0.00	22.84 0.23 0.00	28.72 0.45 0.00	46.31 0.91 0.00	179.02 2.74 0.00	19.75 0.12 0.00	16.66 0.08 0.00	9.75 -0.04 0.00	4.80 0.00 0.00	6.40 -0.01 0.00	10.32 -0.04 0.00	12.95 -0.06 0.00	13.08 -0.02 0.00	17.18 0.10 0.00	25.53 0.32 0.00	24.38 0.43 0.00	21.76 0.27 0.00	20.44 0.21 0.00	21.99 0.22 0.00	19.18 0.17 0.00
EUCLID___115KV_TB2 356179	18.50 -0.35 0.00	16.62 -0.33 0.00	17.98 -0.34 0.00	16.71 -0.28 0.00	18.19 -0.29 0.00	22.17 -0.44 0.00	27.72 -0.56 0.00	44.57 -0.82 0.00	172.73 -3.55 0.00	19.21 -0.43 0.00	16.33 -0.25 0.00	9.61 -0.18 0.00	4.73 -0.07 0.00	6.30 -0.11 0.00	10.17 -0.19 0.00	12.75 -0.26 0.00	12.85 -0.24 0.00	16.79 -0.29 0.00	24.73 -0.48 0.00	23.50 -0.45 0.00	20.99 -0.50 0.00	19.72 -0.52 0.00	21.24 -0.54 0.00	18.64 -0.36 0.00
E_CANADA_CAP_HY 24051	19.58 0.72 0.00	17.62 0.66 0.00	19.07 0.75 0.00	17.70 0.71 0.00	19.34 0.86 0.00	23.68 1.07 0.00	29.66 1.39 0.00	47.39 2.00 0.00	183.88 7.60 0.00	20.51 0.88 0.00	17.40 0.82 0.00	10.26 0.46 0.00	5.02 0.22 0.00	6.70 0.28 0.00	10.77 0.42 0.00	13.41 0.40 0.00	13.59 0.49 0.00	17.86 0.77 0.00	26.51 1.30 0.00	25.37 1.42 0.00	22.78 1.29 0.00	21.42 1.19 0.00	23.11 1.34 0.00	20.22 1.22 0.00
E_CANADA_MHWK_HY 24050	18.58 -0.28 0.00	16.63 -0.33 0.00	17.94 -0.38 0.00	16.73 -0.27 0.00	18.10 -0.38 0.00	22.19 -0.42 0.00	28.27 0.00 0.00	45.97 0.58 0.00	177.15 0.87 0.00	19.26 -0.37 0.00	16.08 -0.49 0.00	9.48 -0.31 0.00	4.65 -0.15 0.00	6.21 -0.20 0.00	10.05 -0.30 0.00	12.68 -0.33 0.00	12.77 -0.33 0.00	16.72 -0.36 0.00	24.86 -0.35 0.00	23.86 -0.09 0.00	21.31 -0.18 0.00	20.08 -0.15 0.00	21.56 -0.22 0.00	18.62 -0.39 0.00
E_FISHKILL___LBMP 23776	19.42 0.56 0.00	17.42 0.46 0.00	18.74 0.42 0.00	17.45 0.46 0.00	18.85 0.37 0.00	23.07 0.45 0.00	29.35 1.07 0.00	47.38 1.99 0.00	182.87 6.59 0.00	20.22 0.59 0.00	16.98 0.40 0.00	10.05 0.26 0.00	4.92 0.12 0.00	6.58 0.17 0.00	10.69 0.34 0.00	13.49 0.48 0.00	13.60 0.50 0.00	17.65 0.56 0.00	25.91 0.69 0.00	24.74 0.78 0.00	22.06 0.56 0.00	20.70 0.47 0.00	22.22 0.45 0.00	19.26 0.25 0.00
FALCON___SEABRD_CC1 323796	-21.16 -0.58 39.43	-9.90 -0.46 26.40	-4.56 -0.47 22.42	16.57 -0.42 0.00	18.14 -0.34 0.00	22.41 -0.20 0.00	27.83 -0.45 0.00	43.43 -1.96 0.00	171.25 -5.03 0.00	19.46 -0.17 0.00	16.32 -0.26 0.00	9.67 -0.12 0.00	4.72 -0.08 0.00	6.27 -0.14 0.00	10.00 -0.36 0.00	12.61 -0.40 0.00	12.75 -0.35 0.00	16.88 -0.20 0.00	25.51 0.29 0.00	24.37 0.42 0.00	21.99 0.50 0.00	20.90 0.67 0.00	22.51 0.74 0.00	19.74 0.73 0.00
FALCON___SEABRD_CC2 323797	-21.16 -0.58 39.43	-9.90 -0.46 26.40	-4.56 -0.47 22.42	16.57 -0.42 0.00	18.14 -0.34 0.00	22.41 -0.20 0.00	27.83 -0.45 0.00	43.43 -1.96 0.00	171.25 -5.03 0.00	19.46 -0.17 0.00	16.32 -0.26 0.00	9.67 -0.12 0.00	4.72 -0.08 0.00	6.27 -0.14 0.00	10.00 -0.36 0.00	12.61 -0.40 0.00	12.75 -0.35 0.00	16.88 -0.20 0.00	25.51 0.29 0.00	24.37 0.42 0.00	21.99 0.50 0.00	20.90 0.67 0.00	22.51 0.74 0.00	19.74 0.73 0.00



FAR ROCKAWAY___4 23548	20.00 1.15 0.00	17.90 0.95 0.00	19.21 0.90 0.00	17.89 0.90 0.00	19.28 0.80 0.00	23.68 1.07 0.00	30.31 2.03 0.00	48.60 3.21 0.00	187.10 10.83 0.00	20.80 1.17 0.00	17.45 0.87 0.00	10.30 0.50 0.00	5.03 0.23 0.00	6.71 0.30 0.00	10.91 0.55 0.00	13.83 0.82 0.00	14.04 0.94 0.00	18.18 1.09 0.00	26.60 1.38 0.00	25.40 1.45 0.00	22.62 1.12 0.00	21.19 0.95 0.00	22.78 1.01 0.00	19.71 0.70 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	19.60 0.75 0.00	17.58 0.63 0.00	18.89 0.57 0.00	17.60 0.61 0.00	19.00 0.52 0.00	23.26 0.65 0.00	29.72 1.45 0.00	48.01 2.61 0.00	185.44 9.16 0.00	20.54 0.90 0.00	17.23 0.66 0.00	10.21 0.42 0.00	4.99 0.19 0.00	6.69 0.28 0.00	10.87 0.52 0.00	13.71 0.70 0.00	13.84 0.74 0.00	17.93 0.84 0.00	26.20 0.98 0.00	25.00 1.05 0.00	22.27 0.78 0.00	20.88 0.65 0.00	22.38 0.61 0.00	19.39 0.38 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	19.61 0.76 0.00	17.59 0.64 0.00	18.90 0.59 0.00	17.61 0.62 0.00	19.01 0.53 0.00	23.27 0.66 0.00	29.75 1.48 0.00	48.02 2.63 0.00	185.51 9.23 0.00	20.54 0.91 0.00	17.24 0.66 0.00	10.21 0.42 0.00	5.00 0.19 0.00	6.69 0.28 0.00	10.87 0.52 0.00	13.71 0.70 0.00	13.84 0.74 0.00	17.93 0.84 0.00	26.21 1.00 0.00	25.01 1.06 0.00	22.28 0.79 0.00	20.90 0.66 0.00	22.39 0.62 0.00	19.40 0.39 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	19.59 0.74 0.00	17.58 0.62 0.00	18.88 0.56 0.00	17.59 0.60 0.00	19.00 0.51 0.00	23.25 0.64 0.00	29.72 1.45 0.00	47.97 2.58 0.00	185.33 9.05 0.00	20.53 0.89 0.00	17.23 0.65 0.00	10.20 0.41 0.00	4.99 0.19 0.00	6.68 0.27 0.00	10.86 0.51 0.00	13.70 0.69 0.00	13.83 0.73 0.00	17.92 0.83 0.00	26.19 0.97 0.00	24.98 1.03 0.00	22.26 0.77 0.00	20.87 0.64 0.00	22.37 0.60 0.00	19.38 0.37 0.00
FARRAGUT___LBMP 323566	19.58 0.73 0.00	17.57 0.61 0.00	18.87 0.55 0.00	17.58 0.59 0.00	18.98 0.50 0.00	23.23 0.62 0.00	29.70 1.42 0.00	47.93 2.54 0.00	185.17 8.89 0.00	20.51 0.87 0.00	17.21 0.63 0.00	10.19 0.40 0.00	4.99 0.19 0.00	6.68 0.27 0.00	10.85 0.50 0.00	13.69 0.68 0.00	13.82 0.72 0.00	17.90 0.82 0.00	26.16 0.95 0.00	24.97 1.02 0.00	22.25 0.75 0.00	20.86 0.62 0.00	22.35 0.58 0.00	19.37 0.36 0.00
FENNER___WINDPWR 24204	18.93 0.08 0.00	17.02 0.06 0.00	18.46 0.14 0.00	17.16 0.17 0.00	18.72 0.24 0.00	22.96 0.35 0.00	28.87 0.60 0.00	46.67 1.27 0.00	180.87 4.60 0.00	19.69 0.05 0.00	16.61 0.04 0.00	9.73 -0.06 0.00	4.80 -0.01 0.00	6.39 -0.02 0.00	10.30 -0.06 0.00	12.94 -0.07 0.00	13.15 0.06 0.00	17.28 0.20 0.00	25.77 0.56 0.00	24.69 0.74 0.00	22.03 0.54 0.00	20.71 0.47 0.00	22.25 0.48 0.00	19.40 0.39 0.00
FIBERTEK___ENERGY 23856	18.75 -0.10 0.00	16.84 -0.12 0.00	18.21 -0.11 0.00	16.91 -0.08 0.00	18.43 -0.05 0.00	22.49 -0.12 0.00	28.12 -0.16 0.00	45.23 -0.16 0.00	175.28 -0.99 0.00	19.47 -0.16 0.00	16.52 -0.06 0.00	9.71 -0.07 0.00	4.78 -0.02 0.00	6.37 -0.04 0.00	10.28 -0.07 0.00	12.90 -0.11 0.00	13.01 -0.09 0.00	17.02 -0.07 0.00	25.09 -0.12 0.00	23.86 -0.09 0.00	21.30 -0.20 0.00	20.00 -0.24 0.00	21.53 -0.24 0.00	18.86 -0.15 0.00
FITZPATRICK___ 23598	18.36 -0.49 0.00	16.50 -0.46 0.00	17.84 -0.48 0.00	16.57 -0.42 0.00	18.04 -0.44 0.00	21.99 -0.62 0.00	27.46 -0.82 0.00	44.11 -1.29 0.00	170.87 -5.41 0.00	19.01 -0.63 0.00	16.16 -0.42 0.00	9.52 -0.27 0.00	4.68 -0.12 0.00	6.24 -0.17 0.00	10.08 -0.28 0.00	12.64 -0.37 0.00	12.74 -0.36 0.00	16.62 -0.46 0.00	24.46 -0.76 0.00	23.24 -0.71 0.00	20.77 -0.72 0.00	19.53 -0.70 0.00	21.04 -0.73 0.00	18.49 -0.51 0.00
FLOWRFLD_69_KV_BK1 356044	19.94 1.09 0.00	17.83 0.87 0.00	19.14 0.82 0.00	17.84 0.85 0.00	19.18 0.70 0.00	23.58 0.97 0.00	30.23 1.96 0.00	48.45 3.05 0.00	187.14 10.87 0.00	20.73 1.10 0.00	17.22 0.64 0.00	10.11 0.32 0.00	4.93 0.12 0.00	6.56 0.15 0.00	10.66 0.30 0.00	13.64 0.63 0.00	14.07 0.97 0.00	18.11 1.03 0.00	26.48 1.27 0.00	25.35 1.40 0.00	22.50 1.01 0.00	21.02 0.78 0.00	22.64 0.86 0.00	19.58 0.57 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	19.65 0.81 0.00	17.63 0.68 0.00	18.97 0.66 0.00	17.66 0.67 0.00	19.09 0.60 0.00	23.37 0.76 0.00	29.77 1.50 0.00	48.08 2.68 0.00	185.49 9.22 0.00	20.47 0.83 0.00	17.17 0.59 0.00	10.16 0.37 0.00	4.97 0.17 0.00	6.64 0.24 0.00	10.79 0.43 0.00	13.62 0.61 0.00	13.74 0.65 0.00	17.87 0.78 0.00	26.27 1.05 0.00	25.09 1.14 0.00	22.37 0.88 0.00	20.98 0.75 0.00	22.50 0.73 0.00	19.50 0.49 0.00
FORT ORANGE___ 23900	19.44 0.58 0.00	17.46 0.51 0.00	18.84 0.52 0.00	17.51 0.52 0.00	18.96 0.48 0.00	23.22 0.61 0.00	29.31 1.03 0.00	47.37 1.97 0.00	182.45 6.17 0.00	20.08 0.45 0.00	16.86 0.27 0.00	9.99 0.20 0.00	4.89 0.09 0.00	6.53 0.12 0.00	10.58 0.22 0.00	13.35 0.33 0.00	13.42 0.32 0.00	17.48 0.40 0.00	25.82 0.60 0.00	24.66 0.71 0.00	22.03 0.54 0.00	20.72 0.49 0.00	22.26 0.48 0.00	19.30 0.29 0.00
FORT_DRUM_COGEN 23780	19.35 -1.16 -1.67	17.07 -1.00 -1.12	18.46 -0.80 -0.95	16.46 -0.53 0.00	18.04 -0.44 0.00	22.37 -0.24 0.00	28.05 -0.22 0.00	45.30 -0.10 0.00	175.36 -0.92 0.00	19.21 -0.43 0.00	16.04 -0.54 0.00	9.39 -0.40 0.00	4.57 -0.23 0.00	6.07 -0.33 0.00	9.70 -0.66 0.00	12.07 -0.94 0.00	12.21 -0.89 0.00	16.24 -0.85 0.00	24.86 -0.36 0.00	24.01 0.06 0.00	21.29 -0.20 0.00	19.95 -0.28 0.00	21.57 -0.20 0.00	18.97 -0.03 0.00
FOX_HILLS___ESR 323835	19.66 0.81 0.00	17.64 0.68 0.00	18.95 0.63 0.00	17.66 0.67 0.00	19.08 0.59 0.00	23.35 0.74 0.00	29.82 1.54 0.00	48.12 2.72 0.00	185.41 9.13 0.00	20.59 0.96 0.00	17.29 0.71 0.00	10.24 0.45 0.00	5.00 0.20 0.00	6.70 0.29 0.00	10.90 0.54 0.00	13.73 0.72 0.00	13.87 0.77 0.00	17.96 0.87 0.00	26.22 1.00 0.00	25.08 1.13 0.00	22.34 0.85 0.00	20.95 0.72 0.00	22.44 0.67 0.00	19.44 0.43 0.00
FPL_FAR_ROCK_GT1 24212	19.99 1.14 0.00	17.90 0.95 0.00	19.21 0.90 0.00	17.89 0.90 0.00	19.28 0.80 0.00	23.68 1.07 0.00	30.31 2.03 0.00	48.59 3.19 0.00	187.10 10.83 0.00	20.80 1.17 0.00	17.45 0.87 0.00	10.30 0.50 0.00	5.03 0.23 0.00	6.71 0.30 0.00	10.91 0.55 0.00	13.83 0.82 0.00	14.04 0.94 0.00	18.18 1.09 0.00	26.59 1.38 0.00	25.40 1.45 0.00	22.62 1.12 0.00	21.19 0.95 0.00	22.78 1.01 0.00	19.71 0.70 0.00
FPL_FAR_ROCK_GT2 23815	19.99 1.14 0.00	17.90 0.95 0.00	19.21 0.90 0.00	17.89 0.90 0.00	19.28 0.80 0.00	23.68 1.07 0.00	30.31 2.03 0.00	48.59 3.19 0.00	187.10 10.83 0.00	20.80 1.17 0.00	17.45 0.87 0.00	10.30 0.50 0.00	5.03 0.23 0.00	6.71 0.30 0.00	10.91 0.55 0.00	13.83 0.82 0.00	14.04 0.94 0.00	18.18 1.09 0.00	26.59 1.38 0.00	25.40 1.45 0.00	22.62 1.12 0.00	21.19 0.95 0.00	22.78 1.01 0.00	19.71 0.70 0.00



FRANKLIN_FALL_HYD 24054	45.40 -0.49 -27.03	34.68 -0.38 -18.10	33.32 -0.37 -15.37	16.60 -0.39 0.00	18.23 -0.25 0.00	22.57 -0.04 0.00	27.95 -0.32 0.00	44.02 -1.37 0.00	173.07 -3.20 0.00	19.55 -0.08 0.00	16.41 -0.17 0.00	9.68 -0.10 0.00	4.73 -0.07 0.00	6.29 -0.12 0.00	10.03 -0.33 0.00	12.62 -0.39 0.00	12.74 -0.36 0.00	16.84 -0.25 0.00	25.42 0.21 0.00	24.27 0.32 0.00	21.97 0.48 0.00	20.83 0.60 0.00	22.44 0.67 0.00	19.64 0.64 0.00
FREEPORT_EQUS_GT1 23764	19.86 1.01 0.00	17.78 0.83 0.00	19.08 0.76 0.00	17.78 0.79 0.00	19.16 0.67 0.00	23.53 0.91 0.00	30.12 1.84 0.00	48.33 2.93 0.00	185.49 9.21 0.00	20.68 1.04 0.00	17.31 0.73 0.00	10.20 0.41 0.00	4.98 0.18 0.00	6.65 0.24 0.00	10.81 0.46 0.00	13.72 0.71 0.00	13.96 0.86 0.00	18.06 0.97 0.00	26.44 1.23 0.00	25.26 1.31 0.00	22.49 1.00 0.00	21.05 0.82 0.00	22.63 0.86 0.00	19.58 0.58 0.00
FREEPORT___CT2 23818	19.86 1.01 0.00	17.78 0.83 0.00	19.08 0.76 0.00	17.78 0.79 0.00	19.16 0.67 0.00	23.53 0.91 0.00	30.12 1.84 0.00	48.33 2.93 0.00	185.49 9.21 0.00	20.68 1.04 0.00	17.31 0.73 0.00	10.20 0.41 0.00	4.98 0.18 0.00	6.65 0.24 0.00	10.81 0.46 0.00	13.72 0.71 0.00	13.96 0.86 0.00	18.06 0.97 0.00	26.44 1.23 0.00	25.26 1.31 0.00	22.49 1.00 0.00	21.05 0.82 0.00	22.63 0.86 0.00	19.58 0.58 0.00
FRESHKLS_33_KV_LOAD 356253	19.73 0.88 0.00	17.70 0.74 0.00	19.02 0.71 0.00	17.73 0.74 0.00	19.16 0.68 0.00	23.45 0.84 0.00	29.93 1.65 0.00	48.22 2.83 0.00	185.29 9.01 0.00	20.62 0.99 0.00	17.31 0.73 0.00	10.24 0.45 0.00	5.00 0.20 0.00	6.69 0.28 0.00	10.90 0.54 0.00	13.73 0.72 0.00	13.86 0.77 0.00	17.97 0.88 0.00	26.24 1.02 0.00	25.11 1.16 0.00	22.36 0.87 0.00	20.97 0.73 0.00	22.47 0.70 0.00	19.48 0.47 0.00
FULTON COGEN____ 23766	18.47 -0.39 0.00	16.58 -0.38 0.00	17.93 -0.39 0.00	16.68 -0.31 0.00	18.14 -0.34 0.00	22.15 -0.46 0.00	27.70 -0.58 0.00	44.59 -0.80 0.00	172.79 -3.48 0.00	19.18 -0.45 0.00	16.27 -0.31 0.00	9.57 -0.22 0.00	4.71 -0.09 0.00	6.28 -0.13 0.00	10.13 -0.23 0.00	12.70 -0.31 0.00	12.81 -0.29 0.00	16.76 -0.33 0.00	24.70 -0.52 0.00	23.50 -0.45 0.00	20.98 -0.52 0.00	19.70 -0.54 0.00	21.21 -0.56 0.00	18.62 -0.39 0.00
FULTON___LFGE 323630	20.54 1.68 0.00	18.41 1.45 0.00	19.88 1.56 0.00	18.46 1.47 0.00	20.15 1.67 0.00	24.78 2.17 0.00	31.37 3.10 0.00	50.39 4.99 0.00	194.27 17.99 0.00	21.13 1.49 0.00	17.66 1.08 0.00	10.35 0.56 0.00	5.06 0.26 0.00	6.75 0.34 0.00	10.87 0.52 0.00	13.60 0.59 0.00	13.83 0.73 0.00	18.39 1.30 0.00	27.79 2.58 0.00	26.77 2.82 0.00	23.91 2.42 0.00	22.39 2.15 0.00	24.02 2.24 0.00	20.86 1.85 0.00
G.F.CEMENT___DRP 24184	19.56 0.71 0.00	17.57 0.61 0.00	18.94 0.63 0.00	17.62 0.64 0.00	19.09 0.61 0.00	23.48 0.87 0.00	29.73 1.46 0.00	48.30 2.91 0.00	185.86 9.59 0.00	20.29 0.66 0.00	16.90 0.32 0.00	10.00 0.21 0.00	4.88 0.08 0.00	6.53 0.12 0.00	10.56 0.20 0.00	13.40 0.38 0.00	13.53 0.43 0.00	17.81 0.73 0.00	26.46 1.25 0.00	25.30 1.35 0.00	22.60 1.10 0.00	21.19 0.96 0.00	22.62 0.85 0.00	19.52 0.51 0.00
GARDENVILLE___LBMP 24039	17.38 -1.47 0.00	15.67 -1.28 0.00	17.14 -1.17 0.00	15.93 -1.06 0.00	17.50 -0.98 0.00	21.23 -1.39 0.00	26.48 -1.80 0.00	42.37 -3.03 0.00	166.08 -10.20 0.00	18.63 -1.00 0.00	16.16 -0.42 0.00	9.42 -0.38 0.00	4.71 -0.09 0.00	6.23 -0.19 0.00	10.02 -0.34 0.00	12.41 -0.61 0.00	12.50 -0.60 0.00	16.31 -0.78 0.00	24.00 -1.21 0.00	22.44 -1.51 0.00	19.80 -1.69 0.00	18.52 -1.72 0.00	20.02 -1.75 0.00	17.61 -1.40 0.00
GARDNVLA_35_KV_LD 355827	17.46 -1.40 0.00	15.74 -1.22 0.00	17.21 -1.10 0.00	16.00 -0.99 0.00	17.58 -0.90 0.00	21.32 -1.29 0.00	26.60 -1.68 0.00	42.61 -2.79 0.00	166.98 -9.29 0.00	18.75 -0.88 0.00	16.26 -0.31 0.00	9.47 -0.32 0.00	4.74 -0.06 0.00	6.26 -0.15 0.00	10.07 -0.29 0.00	12.47 -0.54 0.00	12.56 -0.54 0.00	16.40 -0.68 0.00	24.16 -1.06 0.00	22.58 -1.38 0.00	19.92 -1.57 0.00	18.63 -1.61 0.00	20.14 -1.64 0.00	17.70 -1.31 0.00
GELCKHM___115KV_LOAD 80723	18.59 -0.26 0.00	16.70 -0.25 0.00	18.06 -0.25 0.00	16.78 -0.21 0.00	18.28 -0.20 0.00	22.29 -0.32 0.00	27.87 -0.40 0.00	44.83 -0.57 0.00	173.70 -2.58 0.00	19.31 -0.32 0.00	16.40 -0.18 0.00	9.65 -0.14 0.00	4.75 -0.05 0.00	6.33 -0.08 0.00	10.21 -0.14 0.00	12.81 -0.20 0.00	12.92 -0.18 0.00	16.88 -0.20 0.00	24.87 -0.34 0.00	23.63 -0.31 0.00	21.10 -0.39 0.00	19.82 -0.41 0.00	21.35 -0.42 0.00	18.73 -0.28 0.00
GENERAL___MILLS 23808	17.44 -1.41 0.00	15.73 -1.23 0.00	17.20 -1.12 0.00	15.98 -1.01 0.00	17.56 -0.92 0.00	21.30 -1.31 0.00	26.57 -1.71 0.00	42.55 -2.85 0.00	166.79 -9.48 0.00	18.72 -0.92 0.00	16.23 -0.35 0.00	9.45 -0.34 0.00	4.74 -0.07 0.00	6.25 -0.16 0.00	10.05 -0.30 0.00	12.45 -0.56 0.00	12.54 -0.56 0.00	16.37 -0.72 0.00	24.11 -1.11 0.00	22.54 -1.41 0.00	19.89 -1.60 0.00	18.59 -1.64 0.00	20.11 -1.66 0.00	17.68 -1.33 0.00
GE_PLASTICS___DRP 24183	19.26 0.41 0.00	17.31 0.36 0.00	18.67 0.36 0.00	17.36 0.36 0.00	18.80 0.32 0.00	23.01 0.40 0.00	29.02 0.75 0.00	46.84 1.44 0.00	180.74 4.46 0.00	19.98 0.35 0.00	16.81 0.22 0.00	9.96 0.17 0.00	4.87 0.07 0.00	6.51 0.10 0.00	10.56 0.19 0.00	13.30 0.29 0.00	13.38 0.28 0.00	17.42 0.34 0.00	25.70 0.49 0.00	24.51 0.56 0.00	21.90 0.41 0.00	20.60 0.37 0.00	22.13 0.36 0.00	19.22 0.21 0.00
GILBOA___1 23756	19.13 0.28 0.00	17.18 0.23 0.00	18.53 0.22 0.00	17.23 0.24 0.00	18.67 0.19 0.00	22.85 0.24 0.00	28.86 0.58 0.00	46.53 1.14 0.00	179.75 3.47 0.00	19.91 0.27 0.00	16.76 0.18 0.00	9.94 0.15 0.00	4.86 0.06 0.00	6.51 0.10 0.00	10.55 0.19 0.00	13.29 0.27 0.00	13.35 0.25 0.00	17.35 0.26 0.00	25.56 0.35 0.00	24.37 0.43 0.00	21.78 0.28 0.00	20.48 0.24 0.00	21.99 0.22 0.00	19.11 0.10 0.00
GILBOA___2 23757	19.13 0.28 0.00	17.18 0.23 0.00	18.53 0.22 0.00	17.23 0.24 0.00	18.67 0.19 0.00	22.85 0.24 0.00	28.86 0.58 0.00	46.53 1.14 0.00	179.75 3.47 0.00	19.91 0.27 0.00	16.76 0.18 0.00	9.94 0.15 0.00	4.86 0.06 0.00	6.51 0.10 0.00	10.55 0.19 0.00	13.29 0.27 0.00	13.35 0.25 0.00	17.35 0.26 0.00	25.56 0.35 0.00	24.37 0.43 0.00	21.78 0.28 0.00	20.48 0.24 0.00	21.99 0.22 0.00	19.11 0.10 0.00
GILBOA___3 23758	19.13 0.28 0.00	17.18 0.23 0.00	18.53 0.22 0.00	17.23 0.24 0.00	18.67 0.19 0.00	22.85 0.24 0.00	28.86 0.58 0.00	46.53 1.14 0.00	179.75 3.47 0.00	19.91 0.27 0.00	16.76 0.18 0.00	9.94 0.15 0.00	4.86 0.06 0.00	6.51 0.10 0.00	10.55 0.19 0.00	13.29 0.27 0.00	13.35 0.25 0.00	17.35 0.26 0.00	25.56 0.35 0.00	24.37 0.43 0.00	21.78 0.28 0.00	20.48 0.24 0.00	21.99 0.22 0.00	19.11 0.10 0.00



GILBOA___4 23759	19.13 0.28 0.00	17.18 0.23 0.00	18.53 0.22 0.00	17.23 0.24 0.00	18.67 0.19 0.00	22.85 0.24 0.00	28.86 0.58 0.00	46.53 1.14 0.00	179.75 3.47 0.00	19.91 0.27 0.00	16.76 0.18 0.00	9.94 0.15 0.00	4.86 0.06 0.00	6.51 0.10 0.00	10.55 0.19 0.00	13.29 0.27 0.00	13.35 0.25 0.00	17.35 0.26 0.00	25.56 0.35 0.00	24.37 0.43 0.00	21.78 0.28 0.00	20.48 0.24 0.00	21.99 0.22 0.00	19.11 0.10 0.00
GILBOA____ 23599	19.13 0.28 0.00	17.18 0.23 0.00	18.54 0.22 0.00	17.23 0.24 0.00	18.67 0.19 0.00	22.85 0.24 0.00	28.86 0.58 0.00	46.53 1.14 0.00	179.75 3.47 0.00	19.91 0.27 0.00	16.76 0.18 0.00	9.94 0.15 0.00	4.86 0.06 0.00	6.51 0.10 0.00	10.55 0.19 0.00	13.29 0.27 0.00	13.35 0.25 0.00	17.35 0.26 0.00	25.56 0.35 0.00	24.37 0.42 0.00	21.78 0.28 0.00	20.47 0.24 0.00	21.99 0.22 0.00	19.11 0.10 0.00
GINNA____ 23603	17.25 -1.60 0.00	15.53 -1.42 0.00	16.87 -1.44 0.00	15.68 -1.31 0.00	17.17 -1.31 0.00	20.92 -1.69 0.00	26.13 -2.14 0.00	41.94 -3.45 0.00	163.29 -12.98 0.00	18.15 -1.48 0.00	15.51 -1.07 0.00	9.09 -0.70 0.00	4.49 -0.30 0.00	5.97 -0.44 0.00	9.62 -0.73 0.00	11.99 -1.02 0.00	12.10 -1.00 0.00	15.85 -1.24 0.00	23.40 -1.82 0.00	22.09 -1.86 0.00	19.62 -1.87 0.00	18.40 -1.84 0.00	19.81 -1.96 0.00	17.40 -1.61 0.00
GLEN PARK____ 23778	19.29 -1.14 -1.58	17.02 -0.99 -1.06	18.42 -0.80 -0.90	16.46 -0.53 0.00	18.05 -0.43 0.00	22.38 -0.23 0.00	28.09 -0.19 0.00	45.36 -0.03 0.00	175.52 -0.76 0.00	19.15 -0.48 0.00	15.96 -0.62 0.00	9.33 -0.45 0.00	4.54 -0.26 0.00	6.04 -0.37 0.00	9.64 -0.71 0.00	12.01 -1.00 0.00	12.15 -0.95 0.00	16.16 -0.93 0.00	24.80 -0.42 0.00	24.03 0.08 0.00	21.32 -0.18 0.00	19.96 -0.27 0.00	21.57 -0.20 0.00	18.97 -0.04 0.00
GLENDALE_27_KV_LOAD 356172	19.65 0.80 0.00	17.63 0.67 0.00	18.92 0.61 0.00	17.64 0.65 0.00	19.04 0.56 0.00	23.30 0.69 0.00	29.77 1.50 0.00	48.13 2.73 0.00	185.82 9.54 0.00	20.61 0.98 0.00	17.31 0.72 0.00	10.26 0.47 0.00	5.02 0.22 0.00	6.72 0.31 0.00	10.93 0.57 0.00	13.76 0.75 0.00	13.90 0.80 0.00	17.99 0.90 0.00	26.27 1.05 0.00	25.10 1.15 0.00	22.36 0.87 0.00	20.96 0.73 0.00	22.45 0.68 0.00	19.44 0.43 0.00
GLENWOOD_IC_1_G5 23712	19.91 1.06 0.00	17.84 0.88 0.00	19.15 0.83 0.00	17.83 0.84 0.00	19.23 0.75 0.00	23.61 1.00 0.00	30.22 1.94 0.00	48.31 2.91 0.00	187.15 10.87 0.00	20.78 1.14 0.00	17.40 0.82 0.00	10.27 0.47 0.00	5.02 0.22 0.00	6.70 0.29 0.00	10.89 0.53 0.00	13.80 0.79 0.00	14.03 0.93 0.00	18.14 1.06 0.00	26.54 1.32 0.00	25.18 1.23 0.00	22.56 1.07 0.00	21.13 0.89 0.00	22.70 0.93 0.00	19.64 0.63 0.00
GLENWOOD_IC_2_G1 23688	19.88 1.03 0.00	17.81 0.85 0.00	19.12 0.80 0.00	17.81 0.82 0.00	19.20 0.72 0.00	23.57 0.96 0.00	30.17 1.90 0.00	48.37 2.97 0.00	186.80 10.52 0.00	20.74 1.10 0.00	17.37 0.79 0.00	10.25 0.46 0.00	5.01 0.20 0.00	6.69 0.28 0.00	10.86 0.51 0.00	13.78 0.77 0.00	14.00 0.90 0.00	18.11 1.03 0.00	26.50 1.29 0.00	25.25 1.30 0.00	22.53 1.03 0.00	21.09 0.86 0.00	22.67 0.90 0.00	19.61 0.60 0.00
GLENWOOD_IC_3_G1 23689	19.88 1.03 0.00	17.81 0.85 0.00	19.12 0.80 0.00	17.81 0.82 0.00	19.20 0.72 0.00	23.57 0.96 0.00	30.17 1.90 0.00	48.37 2.97 0.00	186.80 10.52 0.00	20.74 1.10 0.00	17.37 0.79 0.00	10.25 0.46 0.00	5.01 0.20 0.00	6.69 0.28 0.00	10.86 0.51 0.00	13.78 0.77 0.00	14.00 0.90 0.00	18.11 1.03 0.00	26.50 1.29 0.00	25.25 1.30 0.00	22.53 1.03 0.00	21.09 0.86 0.00	22.67 0.90 0.00	19.61 0.60 0.00
GLENWOOD___4 23550	19.91 1.06 0.00	17.84 0.88 0.00	19.15 0.83 0.00	17.83 0.84 0.00	19.23 0.75 0.00	23.61 1.00 0.00	30.22 1.95 0.00	48.37 2.98 0.00	187.15 10.87 0.00	20.78 1.14 0.00	17.40 0.82 0.00	10.27 0.47 0.00	5.02 0.22 0.00	6.70 0.29 0.00	10.89 0.53 0.00	13.80 0.79 0.00	14.03 0.93 0.00	18.14 1.06 0.00	26.54 1.33 0.00	25.23 1.29 0.00	22.56 1.07 0.00	21.13 0.89 0.00	22.70 0.93 0.00	19.64 0.63 0.00
GLENWOOD___5 23614	19.91 1.06 0.00	17.84 0.88 0.00	19.15 0.83 0.00	17.83 0.84 0.00	19.23 0.75 0.00	23.61 1.00 0.00	30.22 1.95 0.00	48.37 2.98 0.00	187.15 10.87 0.00	20.78 1.14 0.00	17.40 0.82 0.00	10.27 0.47 0.00	5.02 0.22 0.00	6.70 0.29 0.00	10.89 0.53 0.00	13.80 0.79 0.00	14.03 0.93 0.00	18.14 1.06 0.00	26.54 1.33 0.00	25.23 1.29 0.00	22.56 1.07 0.00	21.13 0.89 0.00	22.70 0.93 0.00	19.64 0.63 0.00
GLOBAL GREEN_PORT_GT1 23814	20.33 1.48 0.00	18.17 1.22 0.00	19.51 1.19 0.00	18.23 1.24 0.00	19.60 1.11 0.00	24.12 1.50 0.00	31.01 2.73 0.00	49.68 4.29 0.00	192.20 15.92 0.00	21.28 1.64 0.00	17.52 0.94 0.00	10.26 0.47 0.00	4.98 0.18 0.00	6.56 0.15 0.00	10.64 0.28 0.00	13.64 0.62 0.00	14.20 1.10 0.00	18.21 1.12 0.00	26.74 1.52 0.00	25.73 1.78 0.00	22.81 1.32 0.00	21.18 0.95 0.00	22.74 0.97 0.00	19.68 0.67 0.00
GLOBE___DSASP 323697	16.78 -2.07 0.00	15.20 -1.76 0.00	16.65 -1.67 0.00	15.46 -1.53 0.00	17.02 -1.46 0.00	20.58 -2.03 0.00	25.46 -2.81 0.00	40.27 -5.13 0.00	158.23 -18.04 0.00	17.79 -1.84 0.00	15.50 -1.08 0.00	9.06 -0.73 0.00	4.56 -0.25 0.00	6.01 -0.40 0.00	9.66 -0.69 0.00	11.92 -1.09 0.00	11.97 -1.13 0.00	15.57 -1.51 0.00	22.84 -2.38 0.00	21.32 -2.63 0.00	18.82 -2.67 0.00	17.65 -2.58 0.00	19.10 -2.67 0.00	16.97 -2.04 0.00
GOETHSLN___LBMP 323567	19.47 0.62 0.00	17.47 0.51 0.00	18.76 0.45 0.00	17.49 0.50 0.00	18.88 0.40 0.00	23.11 0.50 0.00	29.56 1.28 0.00	47.70 2.30 0.00	184.12 7.84 0.00	20.39 0.75 0.00	17.11 0.53 0.00	10.14 0.35 0.00	4.96 0.16 0.00	6.64 0.23 0.00	10.80 0.45 0.00	13.62 0.61 0.00	13.74 0.64 0.00	17.79 0.71 0.00	26.02 0.80 0.00	24.83 0.88 0.00	22.12 0.63 0.00	20.74 0.51 0.00	22.23 0.46 0.00	19.26 0.25 0.00
GOLAH___69_KV_TB 1_2 80279	17.96 -0.89 0.00	16.19 -0.77 0.00	17.63 -0.69 0.00	16.38 -0.61 0.00	17.97 -0.52 0.00	21.85 -0.76 0.00	27.26 -1.01 0.00	43.68 -1.71 0.00	170.57 -5.70 0.00	18.97 -0.66 0.00	16.33 -0.25 0.00	9.54 -0.25 0.00	4.73 -0.07 0.00	6.27 -0.14 0.00	10.09 -0.26 0.00	12.54 -0.48 0.00	12.65 -0.45 0.00	16.56 -0.53 0.00	24.47 -0.75 0.00	23.06 -0.88 0.00	20.46 -1.03 0.00	19.16 -1.07 0.00	20.66 -1.11 0.00	18.15 -0.86 0.00
GOODYEAR_LAKE_HYD 323669	19.34 0.49 0.00	17.35 0.39 0.00	18.78 0.46 0.00	17.46 0.47 0.00	19.00 0.52 0.00	23.31 0.69 0.00	29.36 1.08 0.00	47.18 1.78 0.00	182.41 6.14 0.00	20.24 0.61 0.00	17.10 0.52 0.00	10.08 0.29 0.00	4.94 0.14 0.00	6.60 0.19 0.00	10.66 0.30 0.00	13.34 0.33 0.00	13.45 0.36 0.00	17.60 0.52 0.00	26.07 0.85 0.00	24.86 0.91 0.00	22.23 0.74 0.00	20.89 0.66 0.00	22.47 0.70 0.00	19.58 0.57 0.00



GOUDEY___115_KV_TB6_REV_LBMP_C 345031	18.72 -0.13 0.00	16.78 -0.18 0.00	18.15 -0.16 0.00	16.88 -0.11 0.00	18.37 -0.12 0.00	22.44 -0.17 0.00	28.27 -0.01 0.00	45.60 0.20 0.00	176.15 -0.13 0.00	19.59 -0.04 0.00	16.57 -0.01 0.00	9.69 -0.10 0.00	4.80 0.00 0.00	6.41 0.00 0.00	10.33 -0.03 0.00	12.96 -0.05 0.00	13.05 -0.05 0.00	17.06 -0.03 0.00	25.20 -0.02 0.00	24.01 0.06 0.00	21.44 -0.06 0.00	20.16 -0.07 0.00	21.72 -0.05 0.00	18.90 -0.11 0.00
GOUDEY___7 23579	18.73 -0.12 0.00	16.79 -0.17 0.00	18.17 -0.15 0.00	16.89 -0.10 0.00	18.38 -0.10 0.00	22.46 -0.15 0.00	28.29 0.02 0.00	45.64 0.24 0.00	176.32 0.05 0.00	19.61 -0.02 0.00	16.59 0.01 0.00	9.70 -0.09 0.00	4.80 0.00 0.00	6.41 0.00 0.00	10.34 -0.02 0.00	12.97 -0.04 0.00	13.06 -0.04 0.00	17.08 -0.01 0.00	25.22 0.01 0.00	24.03 0.08 0.00	21.45 -0.04 0.00	20.18 -0.05 0.00	21.73 -0.04 0.00	18.91 -0.09 0.00
GOUDEY___8 23580	18.72 -0.13 0.00	16.78 -0.18 0.00	18.15 -0.16 0.00	16.88 -0.11 0.00	18.37 -0.12 0.00	22.44 -0.17 0.00	28.27 -0.01 0.00	45.60 0.20 0.00	176.15 -0.13 0.00	19.59 -0.04 0.00	16.57 -0.01 0.00	9.69 -0.10 0.00	4.80 0.00 0.00	6.41 0.00 0.00	10.33 -0.03 0.00	12.96 -0.05 0.00	13.05 -0.05 0.00	17.06 -0.03 0.00	25.20 -0.02 0.00	24.01 0.06 0.00	21.44 -0.06 0.00	20.16 -0.07 0.00	21.72 -0.05 0.00	18.90 -0.11 0.00
GOWANUS_GT1_1 24077	19.64 0.79 0.00	17.61 0.66 0.00	18.92 0.60 0.00	17.63 0.64 0.00	19.03 0.55 0.00	23.30 0.69 0.00	29.78 1.50 0.00	48.08 2.68 0.00	185.40 9.13 0.00	20.58 0.95 0.00	17.28 0.70 0.00	10.24 0.45 0.00	5.01 0.20 0.00	6.70 0.29 0.00	10.90 0.55 0.00	13.73 0.73 0.00	13.87 0.77 0.00	17.96 0.87 0.00	26.22 1.01 0.00	25.07 1.12 0.00	22.33 0.83 0.00	20.93 0.70 0.00	22.43 0.66 0.00	19.43 0.43 0.00
GOWANUS_GT1_2 24078	19.64 0.79 0.00	17.61 0.66 0.00	18.92 0.60 0.00	17.63 0.64 0.00	19.03 0.55 0.00	23.30 0.69 0.00	29.78 1.50 0.00	48.08 2.68 0.00	185.40 9.13 0.00	20.58 0.95 0.00	17.28 0.70 0.00	10.24 0.45 0.00	5.01 0.20 0.00	6.70 0.29 0.00	10.90 0.55 0.00	13.73 0.73 0.00	13.87 0.77 0.00	17.96 0.87 0.00	26.22 1.01 0.00	25.07 1.12 0.00	22.33 0.83 0.00	20.93 0.70 0.00	22.43 0.66 0.00	19.43 0.43 0.00
GOWANUS_GT1_3 24079	19.64 0.79 0.00	17.61 0.66 0.00	18.92 0.60 0.00	17.63 0.64 0.00	19.03 0.55 0.00	23.30 0.69 0.00	29.78 1.50 0.00	48.08 2.68 0.00	185.40 9.13 0.00	20.58 0.95 0.00	17.28 0.70 0.00	10.24 0.45 0.00	5.01 0.20 0.00	6.70 0.29 0.00	10.90 0.55 0.00	13.73 0.73 0.00	13.87 0.77 0.00	17.96 0.87 0.00	26.22 1.01 0.00	25.07 1.12 0.00	22.33 0.83 0.00	20.93 0.70 0.00	22.43 0.66 0.00	19.43 0.43 0.00
GOWANUS_GT1_4 24080	19.64 0.79 0.00	17.61 0.66 0.00	18.92 0.60 0.00	17.63 0.64 0.00	19.03 0.55 0.00	23.30 0.69 0.00	29.78 1.50 0.00	48.08 2.68 0.00	185.40 9.13 0.00	20.58 0.95 0.00	17.28 0.70 0.00	10.24 0.45 0.00	5.01 0.20 0.00	6.70 0.29 0.00	10.90 0.55 0.00	13.73 0.73 0.00	13.87 0.77 0.00	17.96 0.87 0.00	26.22 1.01 0.00	25.07 1.12 0.00	22.33 0.83 0.00	20.93 0.70 0.00	22.43 0.66 0.00	19.43 0.43 0.00
GOWANUS_GT1_5 24084	19.64 0.79 0.00	17.61 0.66 0.00	18.92 0.60 0.00	17.63 0.64 0.00	19.03 0.55 0.00	23.30 0.69 0.00	29.78 1.50 0.00	48.08 2.68 0.00	185.40 9.13 0.00	20.58 0.95 0.00	17.28 0.70 0.00	10.24 0.45 0.00	5.01 0.20 0.00	6.70 0.29 0.00	10.90 0.55 0.00	13.73 0.73 0.00	13.87 0.77 0.00	17.96 0.87 0.00	26.22 1.01 0.00	25.07 1.12 0.00	22.33 0.83 0.00	20.93 0.70 0.00	22.43 0.66 0.00	19.43 0.43 0.00
GOWANUS_GT1_6 24111	19.64 0.79 0.00	17.61 0.66 0.00	18.92 0.60 0.00	17.63 0.64 0.00	19.03 0.55 0.00	23.30 0.69 0.00	29.78 1.50 0.00	48.08 2.68 0.00	185.40 9.13 0.00	20.58 0.95 0.00	17.28 0.70 0.00	10.24 0.45 0.00	5.01 0.20 0.00	6.70 0.29 0.00	10.90 0.55 0.00	13.73 0.73 0.00	13.87 0.77 0.00	17.96 0.87 0.00	26.22 1.01 0.00	25.07 1.12 0.00	22.33 0.83 0.00	20.93 0.70 0.00	22.43 0.66 0.00	19.43 0.43 0.00
GOWANUS_GT1_7 24112	19.64 0.79 0.00	17.61 0.66 0.00	18.92 0.60 0.00	17.63 0.64 0.00	19.03 0.55 0.00	23.30 0.69 0.00	29.78 1.50 0.00	48.08 2.68 0.00	185.40 9.13 0.00	20.58 0.95 0.00	17.28 0.70 0.00	10.24 0.45 0.00	5.01 0.20 0.00	6.70 0.29 0.00	10.90 0.55 0.00	13.73 0.73 0.00	13.87 0.77 0.00	17.96 0.87 0.00	26.22 1.01 0.00	25.07 1.12 0.00	22.33 0.83 0.00	20.93 0.70 0.00	22.43 0.66 0.00	19.43 0.43 0.00
GOWANUS_GT1_8 24113	19.64 0.79 0.00	17.61 0.66 0.00	18.92 0.60 0.00	17.63 0.64 0.00	19.03 0.55 0.00	23.30 0.69 0.00	29.78 1.50 0.00	48.08 2.68 0.00	185.40 9.13 0.00	20.58 0.95 0.00	17.28 0.70 0.00	10.24 0.45 0.00	5.01 0.20 0.00	6.70 0.29 0.00	10.90 0.55 0.00	13.73 0.73 0.00	13.87 0.77 0.00	17.96 0.87 0.00	26.22 1.01 0.00	25.07 1.12 0.00	22.33 0.83 0.00	20.93 0.70 0.00	22.43 0.66 0.00	19.43 0.43 0.00
GOWANUS_GT2_1 24114	19.64 0.79 0.00	17.61 0.66 0.00	18.92 0.60 0.00	17.63 0.64 0.00	19.03 0.55 0.00	23.30 0.69 0.00	29.78 1.50 0.00	48.07 2.68 0.00	185.41 9.13 0.00	20.58 0.94 0.00	17.28 0.70 0.00	10.24 0.45 0.00	5.01 0.20 0.00	6.70 0.29 0.00	10.90 0.55 0.00	13.73 0.73 0.00	13.87 0.77 0.00	17.96 0.87 0.00	26.22 1.01 0.00	25.07 1.12 0.00	22.33 0.83 0.00	20.93 0.70 0.00	22.43 0.66 0.00	19.44 0.43 0.00
GOWANUS_GT2_2 24115	19.64 0.79 0.00	17.61 0.66 0.00	18.92 0.60 0.00	17.63 0.64 0.00	19.03 0.55 0.00	23.30 0.69 0.00	29.78 1.50 0.00	48.07 2.68 0.00	185.41 9.13 0.00	20.58 0.94 0.00	17.28 0.70 0.00	10.24 0.45 0.00	5.01 0.20 0.00	6.70 0.29 0.00	10.90 0.55 0.00	13.73 0.73 0.00	13.87 0.77 0.00	17.96 0.87 0.00	26.22 1.01 0.00	25.07 1.12 0.00	22.33 0.83 0.00	20.93 0.70 0.00	22.43 0.66 0.00	19.44 0.43 0.00
GOWANUS_GT2_3 24116	19.64 0.79 0.00	17.61 0.66 0.00	18.92 0.60 0.00	17.63 0.64 0.00	19.03 0.55 0.00	23.30 0.69 0.00	29.78 1.50 0.00	48.07 2.68 0.00	185.41 9.13 0.00	20.58 0.94 0.00	17.28 0.70 0.00	10.24 0.45 0.00	5.01 0.20 0.00	6.70 0.29 0.00	10.90 0.55 0.00	13.73 0.73 0.00	13.87 0.77 0.00	17.96 0.87 0.00	26.22 1.01 0.00	25.07 1.12 0.00	22.33 0.83 0.00	20.93 0.70 0.00	22.43 0.66 0.00	19.44 0.43 0.00
GOWANUS_GT2_4 24117	19.64 0.79 0.00	17.61 0.66 0.00	18.92 0.60 0.00	17.63 0.64 0.00	19.03 0.55 0.00	23.30 0.69 0.00	29.78 1.50 0.00	48.07 2.68 0.00	185.41 9.13 0.00	20.58 0.94 0.00	17.28 0.70 0.00	10.24 0.45 0.00	5.01 0.20 0.00	6.70 0.29 0.00	10.90 0.55 0.00	13.73 0.73 0.00	13.87 0.77 0.00	17.96 0.87 0.00	26.22 1.01 0.00	25.07 1.12 0.00	22.33 0.83 0.00	20.93 0.70 0.00	22.43 0.66 0.00	19.44 0.43 0.00



GOWANUS_GT2_5 24118	19.64 0.79 0.00	17.61 0.66 0.00	18.92 0.60 0.00	17.63 0.64 0.00	19.03 0.55 0.00	23.30 0.69 0.00	29.78 1.50 0.00	48.07 2.68 0.00	185.41 9.13 0.00	20.58 0.94 0.00	17.28 0.70 0.00	10.24 0.45 0.00	5.01 0.20 0.00	6.70 0.29 0.00	10.90 0.55 0.00	13.73 0.73 0.00	13.87 0.77 0.00	17.96 0.87 0.00	26.22 1.01 0.00	25.07 1.12 0.00	22.33 0.83 0.00	20.93 0.70 0.00	22.43 0.66 0.00	19.44 0.43 0.00
GOWANUS_GT2_6 24119	19.64 0.79 0.00	17.61 0.66 0.00	18.92 0.60 0.00	17.63 0.64 0.00	19.03 0.55 0.00	23.30 0.69 0.00	29.78 1.50 0.00	48.07 2.68 0.00	185.41 9.13 0.00	20.58 0.94 0.00	17.28 0.70 0.00	10.24 0.45 0.00	5.01 0.20 0.00	6.70 0.29 0.00	10.90 0.55 0.00	13.73 0.73 0.00	13.87 0.77 0.00	17.96 0.87 0.00	26.22 1.01 0.00	25.07 1.12 0.00	22.33 0.83 0.00	20.93 0.70 0.00	22.43 0.66 0.00	19.44 0.43 0.00
GOWANUS_GT2_7 24120	19.64 0.79 0.00	17.61 0.66 0.00	18.92 0.60 0.00	17.63 0.64 0.00	19.03 0.55 0.00	23.30 0.69 0.00	29.78 1.50 0.00	48.07 2.68 0.00	185.41 9.13 0.00	20.58 0.94 0.00	17.28 0.70 0.00	10.24 0.45 0.00	5.01 0.20 0.00	6.70 0.29 0.00	10.90 0.55 0.00	13.73 0.73 0.00	13.87 0.77 0.00	17.96 0.87 0.00	26.22 1.01 0.00	25.07 1.12 0.00	22.33 0.83 0.00	20.93 0.70 0.00	22.43 0.66 0.00	19.44 0.43 0.00
GOWANUS_GT2_8 24121	19.64 0.79 0.00	17.61 0.66 0.00	18.92 0.60 0.00	17.63 0.64 0.00	19.03 0.55 0.00	23.30 0.69 0.00	29.78 1.50 0.00	48.07 2.68 0.00	185.41 9.13 0.00	20.58 0.94 0.00	17.28 0.70 0.00	10.24 0.45 0.00	5.01 0.20 0.00	6.70 0.29 0.00	10.90 0.55 0.00	13.73 0.73 0.00	13.87 0.77 0.00	17.96 0.87 0.00	26.22 1.01 0.00	25.07 1.12 0.00	22.33 0.83 0.00	20.93 0.70 0.00	22.43 0.66 0.00	19.44 0.43 0.00
GOWANUS_GT3_1 24122	19.64 0.79 0.00	17.61 0.66 0.00	18.92 0.60 0.00	17.63 0.64 0.00	19.03 0.55 0.00	23.30 0.69 0.00	29.78 1.50 0.00	48.07 2.68 0.00	185.41 9.13 0.00	20.58 0.94 0.00	17.28 0.70 0.00	10.24 0.45 0.00	5.01 0.20 0.00	6.70 0.29 0.00	10.90 0.55 0.00	13.73 0.73 0.00	13.87 0.77 0.00	17.96 0.87 0.00	26.22 1.01 0.00	25.07 1.12 0.00	22.33 0.83 0.00	20.93 0.70 0.00	22.43 0.66 0.00	19.44 0.43 0.00
GOWANUS_GT3_2 24123	19.64 0.79 0.00	17.61 0.66 0.00	18.92 0.60 0.00	17.63 0.64 0.00	19.03 0.55 0.00	23.30 0.69 0.00	29.78 1.50 0.00	48.07 2.68 0.00	185.41 9.13 0.00	20.58 0.94 0.00	17.28 0.70 0.00	10.24 0.45 0.00	5.01 0.20 0.00	6.70 0.29 0.00	10.90 0.55 0.00	13.73 0.73 0.00	13.87 0.77 0.00	17.96 0.87 0.00	26.22 1.01 0.00	25.07 1.12 0.00	22.33 0.83 0.00	20.93 0.70 0.00	22.43 0.66 0.00	19.44 0.43 0.00
GOWANUS_GT3_3 24124	19.64 0.79 0.00	17.61 0.66 0.00	18.92 0.60 0.00	17.63 0.64 0.00	19.03 0.55 0.00	23.30 0.69 0.00	29.78 1.50 0.00	48.07 2.68 0.00	185.41 9.13 0.00	20.58 0.94 0.00	17.28 0.70 0.00	10.24 0.45 0.00	5.01 0.20 0.00	6.70 0.29 0.00	10.90 0.55 0.00	13.73 0.73 0.00	13.87 0.77 0.00	17.96 0.87 0.00	26.22 1.01 0.00	25.07 1.12 0.00	22.33 0.83 0.00	20.93 0.70 0.00	22.43 0.66 0.00	19.44 0.43 0.00
GOWANUS_GT3_4 24125	19.64 0.79 0.00	17.61 0.66 0.00	18.92 0.60 0.00	17.63 0.64 0.00	19.03 0.55 0.00	23.30 0.69 0.00	29.78 1.50 0.00	48.07 2.68 0.00	185.41 9.13 0.00	20.58 0.94 0.00	17.28 0.70 0.00	10.24 0.45 0.00	5.01 0.20 0.00	6.70 0.29 0.00	10.90 0.55 0.00	13.73 0.73 0.00	13.87 0.77 0.00	17.96 0.87 0.00	26.22 1.01 0.00	25.07 1.12 0.00	22.33 0.83 0.00	20.93 0.70 0.00	22.43 0.66 0.00	19.44 0.43 0.00
GOWANUS_GT3_5 24126	19.64 0.79 0.00	17.61 0.66 0.00	18.92 0.60 0.00	17.63 0.64 0.00	19.03 0.55 0.00	23.30 0.69 0.00	29.78 1.50 0.00	48.07 2.68 0.00	185.41 9.13 0.00	20.58 0.94 0.00	17.28 0.70 0.00	10.24 0.45 0.00	5.01 0.20 0.00	6.70 0.29 0.00	10.90 0.55 0.00	13.73 0.73 0.00	13.87 0.77 0.00	17.96 0.87 0.00	26.22 1.01 0.00	25.07 1.12 0.00	22.33 0.83 0.00	20.93 0.70 0.00	22.43 0.66 0.00	19.44 0.43 0.00
GOWANUS_GT3_6 24127	19.64 0.79 0.00	17.61 0.66 0.00	18.92 0.60 0.00	17.63 0.64 0.00	19.03 0.55 0.00	23.30 0.69 0.00	29.78 1.50 0.00	48.07 2.68 0.00	185.41 9.13 0.00	20.58 0.94 0.00	17.28 0.70 0.00	10.24 0.45 0.00	5.01 0.20 0.00	6.70 0.29 0.00	10.90 0.55 0.00	13.73 0.73 0.00	13.87 0.77 0.00	17.96 0.87 0.00	26.22 1.01 0.00	25.07 1.12 0.00	22.33 0.83 0.00	20.93 0.70 0.00	22.43 0.66 0.00	19.44 0.43 0.00
GOWANUS_GT3_7 24128	19.64 0.79 0.00	17.61 0.66 0.00	18.92 0.60 0.00	17.63 0.64 0.00	19.03 0.55 0.00	23.30 0.69 0.00	29.78 1.50 0.00	48.07 2.68 0.00	185.41 9.13 0.00	20.58 0.94 0.00	17.28 0.70 0.00	10.24 0.45 0.00	5.01 0.20 0.00	6.70 0.29 0.00	10.90 0.55 0.00	13.73 0.73 0.00	13.87 0.77 0.00	17.96 0.87 0.00	26.22 1.01 0.00	25.07 1.12 0.00	22.33 0.83 0.00	20.93 0.70 0.00	22.43 0.66 0.00	19.44 0.43 0.00
GOWANUS_GT3_8 24129	19.64 0.79 0.00	17.61 0.66 0.00	18.92 0.60 0.00	17.63 0.64 0.00	19.03 0.55 0.00	23.30 0.69 0.00	29.78 1.50 0.00	48.07 2.68 0.00	185.41 9.13 0.00	20.58 0.94 0.00	17.28 0.70 0.00	10.24 0.45 0.00	5.01 0.20 0.00	6.70 0.29 0.00	10.90 0.55 0.00	13.73 0.73 0.00	13.87 0.77 0.00	17.96 0.87 0.00	26.22 1.01 0.00	25.07 1.12 0.00	22.33 0.83 0.00	20.93 0.70 0.00	22.43 0.66 0.00	19.44 0.43 0.00
GOWANUS_GT4_1 24130	19.64 0.79 0.00	17.61 0.66 0.00	18.92 0.60 0.00	17.63 0.64 0.00	19.03 0.55 0.00	23.30 0.69 0.00	29.78 1.50 0.00	48.08 2.68 0.00	185.40 9.13 0.00	20.58 0.95 0.00	17.28 0.70 0.00	10.24 0.45 0.00	5.01 0.20 0.00	6.70 0.29 0.00	10.90 0.55 0.00	13.73 0.73 0.00	13.87 0.77 0.00	17.96 0.87 0.00	26.22 1.01 0.00	25.07 1.12 0.00	22.33 0.83 0.00	20.93 0.70 0.00	22.43 0.66 0.00	19.43 0.43 0.00
GOWANUS_GT4_2 24131	19.64 0.79 0.00	17.61 0.66 0.00	18.92 0.60 0.00	17.63 0.64 0.00	19.03 0.55 0.00	23.30 0.69 0.00	29.78 1.50 0.00	48.08 2.68 0.00	185.40 9.13 0.00	20.58 0.95 0.00	17.28 0.70 0.00	10.24 0.45 0.00	5.01 0.20 0.00	6.70 0.29 0.00	10.90 0.55 0.00	13.73 0.73 0.00	13.87 0.77 0.00	17.96 0.87 0.00	26.22 1.01 0.00	25.07 1.12 0.00	22.33 0.83 0.00	20.93 0.70 0.00	22.43 0.66 0.00	19.43 0.43 0.00
GOWANUS_GT4_3 24132	19.64 0.79 0.00	17.61 0.66 0.00	18.92 0.60 0.00	17.63 0.64 0.00	19.03 0.55 0.00	23.30 0.69 0.00	29.78 1.50 0.00	48.08 2.68 0.00	185.40 9.13 0.00	20.58 0.95 0.00	17.28 0.70 0.00	10.24 0.45 0.00	5.01 0.20 0.00	6.70 0.29 0.00	10.90 0.55 0.00	13.73 0.73 0.00	13.87 0.77 0.00	17.96 0.87 0.00	26.22 1.01 0.00	25.07 1.12 0.00	22.33 0.83 0.00	20.93 0.70 0.00	22.43 0.66 0.00	19.43 0.43 0.00



GOWANUS_GT4_4 24133	19.64 0.79 0.00	17.61 0.66 0.00	18.92 0.60 0.00	17.63 0.64 0.00	19.03 0.55 0.00	23.30 0.69 0.00	29.78 1.50 0.00	48.08 2.68 0.00	185.40 9.13 0.00	20.58 0.95 0.00	17.28 0.70 0.00	10.24 0.45 0.00	5.01 0.20 0.00	6.70 0.29 0.00	10.90 0.55 0.00	13.73 0.73 0.00	13.87 0.77 0.00	17.96 0.87 0.00	26.22 1.01 0.00	25.07 1.12 0.00	22.33 0.83 0.00	20.93 0.70 0.00	22.43 0.66 0.00	19.43 0.43 0.00
GOWANUS_GT4_5 24134	19.64 0.79 0.00	17.61 0.66 0.00	18.92 0.60 0.00	17.63 0.64 0.00	19.03 0.55 0.00	23.30 0.69 0.00	29.78 1.50 0.00	48.08 2.68 0.00	185.40 9.13 0.00	20.58 0.95 0.00	17.28 0.70 0.00	10.24 0.45 0.00	5.01 0.20 0.00	6.70 0.29 0.00	10.90 0.55 0.00	13.73 0.73 0.00	13.87 0.77 0.00	17.96 0.87 0.00	26.22 1.01 0.00	25.07 1.12 0.00	22.33 0.83 0.00	20.93 0.70 0.00	22.43 0.66 0.00	19.43 0.43 0.00
GOWANUS_GT4_6 24135	19.64 0.79 0.00	17.61 0.66 0.00	18.92 0.60 0.00	17.63 0.64 0.00	19.03 0.55 0.00	23.30 0.69 0.00	29.78 1.50 0.00	48.08 2.68 0.00	185.40 9.13 0.00	20.58 0.95 0.00	17.28 0.70 0.00	10.24 0.45 0.00	5.01 0.20 0.00	6.70 0.29 0.00	10.90 0.55 0.00	13.73 0.73 0.00	13.87 0.77 0.00	17.96 0.87 0.00	26.22 1.01 0.00	25.07 1.12 0.00	22.33 0.83 0.00	20.93 0.70 0.00	22.43 0.66 0.00	19.43 0.43 0.00
GOWANUS_GT4_7 24136	19.64 0.79 0.00	17.61 0.66 0.00	18.92 0.60 0.00	17.63 0.64 0.00	19.03 0.55 0.00	23.30 0.69 0.00	29.78 1.50 0.00	48.08 2.68 0.00	185.40 9.13 0.00	20.58 0.95 0.00	17.28 0.70 0.00	10.24 0.45 0.00	5.01 0.20 0.00	6.70 0.29 0.00	10.90 0.55 0.00	13.73 0.73 0.00	13.87 0.77 0.00	17.96 0.87 0.00	26.22 1.01 0.00	25.07 1.12 0.00	22.33 0.83 0.00	20.93 0.70 0.00	22.43 0.66 0.00	19.43 0.43 0.00
GOWANUS_GT4_8 24137	19.64 0.79 0.00	17.61 0.66 0.00	18.92 0.60 0.00	17.63 0.64 0.00	19.03 0.55 0.00	23.30 0.69 0.00	29.78 1.50 0.00	48.08 2.68 0.00	185.40 9.13 0.00	20.58 0.95 0.00	17.28 0.70 0.00	10.24 0.45 0.00	5.01 0.20 0.00	6.70 0.29 0.00	10.90 0.55 0.00	13.73 0.73 0.00	13.87 0.77 0.00	17.96 0.87 0.00	26.22 1.01 0.00	25.07 1.12 0.00	22.33 0.83 0.00	20.93 0.70 0.00	22.43 0.66 0.00	19.43 0.43 0.00
GREENBSH_115KV_TB3 55895	19.33 0.48 0.00	17.38 0.42 0.00	18.74 0.42 0.00	17.42 0.43 0.00	18.86 0.38 0.00	23.09 0.48 0.00	29.13 0.86 0.00	47.08 1.68 0.00	181.35 5.08 0.00	20.02 0.39 0.00	16.83 0.25 0.00	9.98 0.18 0.00	4.88 0.08 0.00	6.53 0.11 0.00	10.58 0.22 0.00	13.34 0.33 0.00	13.42 0.32 0.00	17.46 0.37 0.00	25.76 0.55 0.00	24.57 0.62 0.00	21.95 0.46 0.00	20.66 0.42 0.00	22.19 0.42 0.00	19.24 0.24 0.00
GREENDGE_115KV_TB5 80291	18.42 -0.43 0.00	16.57 -0.39 0.00	17.88 -0.43 0.00	16.65 -0.34 0.00	18.23 -0.25 0.00	22.22 -0.39 0.00	28.00 -0.28 0.00	45.09 -0.31 0.00	174.40 -1.88 0.00	19.56 -0.07 0.00	16.72 0.14 0.00	9.66 -0.13 0.00	4.79 -0.01 0.00	6.39 -0.02 0.00	10.27 -0.08 0.00	12.89 -0.12 0.00	12.97 -0.13 0.00	17.11 0.02 0.00	25.49 0.27 0.00	24.53 0.58 0.00	21.91 0.42 0.00	20.38 0.15 0.00	21.86 0.09 0.00	18.81 -0.19 0.00
GREENIDGE___3 23582	18.42 -0.43 0.00	16.57 -0.39 0.00	17.88 -0.43 0.00	16.65 -0.34 0.00	18.23 -0.25 0.00	22.22 -0.39 0.00	28.00 -0.28 0.00	45.09 -0.31 0.00	174.40 -1.88 0.00	19.56 -0.07 0.00	16.72 0.14 0.00	9.66 -0.13 0.00	4.79 -0.01 0.00	6.39 -0.02 0.00	10.27 -0.08 0.00	12.89 -0.12 0.00	12.97 -0.13 0.00	17.11 0.02 0.00	25.49 0.27 0.00	24.53 0.58 0.00	21.91 0.42 0.00	20.38 0.15 0.00	21.86 0.09 0.00	18.81 -0.19 0.00
GREENIDGE___4 23583	18.42 -0.43 0.00	16.57 -0.39 0.00	17.88 -0.44 0.00	16.65 -0.34 0.00	18.23 -0.25 0.00	22.22 -0.39 0.00	28.00 -0.28 0.00	45.09 -0.30 0.00	174.39 -1.88 0.00	19.56 -0.07 0.00	16.72 0.14 0.00	9.66 -0.13 0.00	4.79 -0.01 0.00	6.39 -0.02 0.00	10.27 -0.08 0.00	12.89 -0.12 0.00	12.97 -0.13 0.00	17.11 0.02 0.00	25.49 0.27 0.00	24.52 0.57 0.00	21.91 0.42 0.00	20.38 0.15 0.00	21.86 0.09 0.00	18.81 -0.20 0.00
GREENLWN_69_KV_BK 3 55738	19.75 0.90 0.00	17.69 0.73 0.00	18.98 0.66 0.00	17.69 0.70 0.00	19.06 0.58 0.00	23.41 0.80 0.00	29.96 1.68 0.00	47.96 2.56 0.00	185.07 8.79 0.00	20.57 0.94 0.00	17.20 0.62 0.00	10.12 0.33 0.00	4.94 0.14 0.00	6.58 0.17 0.00	10.70 0.35 0.00	13.61 0.60 0.00	13.91 0.81 0.00	17.95 0.86 0.00	26.21 1.00 0.00	25.05 1.11 0.00	22.26 0.76 0.00	20.81 0.58 0.00	22.44 0.67 0.00	19.44 0.43 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	19.64 0.79 0.00	17.61 0.66 0.00	18.92 0.60 0.00	17.63 0.64 0.00	19.03 0.55 0.00	23.30 0.69 0.00	29.78 1.50 0.00	48.08 2.68 0.00	185.40 9.13 0.00	20.58 0.95 0.00	17.28 0.70 0.00	10.24 0.45 0.00	5.01 0.20 0.00	6.70 0.29 0.00	10.90 0.55 0.00	13.73 0.73 0.00	13.87 0.77 0.00	17.96 0.87 0.00	26.22 1.01 0.00	25.07 1.12 0.00	22.33 0.83 0.00	20.93 0.70 0.00	22.43 0.66 0.00	19.43 0.43 0.00
GRISSOM___SOLAR 323813	20.54 1.68 0.00	18.41 1.45 0.00	19.88 1.56 0.00	18.46 1.47 0.00	20.15 1.67 0.00	24.78 2.17 0.00	31.37 3.10 0.00	50.39 4.99 0.00	194.27 17.99 0.00	21.13 1.49 0.00	17.66 1.08 0.00	10.35 0.56 0.00	5.06 0.26 0.00	6.75 0.34 0.00	10.87 0.52 0.00	13.60 0.59 0.00	13.83 0.73 0.00	18.39 1.30 0.00	27.79 2.58 0.00	26.77 2.82 0.00	23.91 2.42 0.00	22.39 2.15 0.00	24.02 2.24 0.00	20.86 1.85 0.00
GROVEVILLE___HYD 323602	19.65 0.81 0.00	17.63 0.68 0.00	18.97 0.66 0.00	17.66 0.67 0.00	19.09 0.60 0.00	23.37 0.76 0.00	29.77 1.50 0.00	48.08 2.68 0.00	185.49 9.22 0.00	20.47 0.83 0.00	17.17 0.59 0.00	10.16 0.37 0.00	4.97 0.17 0.00	6.64 0.24 0.00	10.79 0.43 0.00	13.62 0.61 0.00	13.74 0.65 0.00	17.87 0.78 0.00	26.27 1.05 0.00	25.09 1.14 0.00	22.37 0.88 0.00	20.98 0.75 0.00	22.50 0.73 0.00	19.50 0.49 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	18.75 -0.10 0.00	16.84 -0.12 0.00	18.21 -0.11 0.00	16.91 -0.08 0.00	18.43 -0.05 0.00	22.49 -0.12 0.00	28.12 -0.16 0.00	45.23 -0.16 0.00	175.28 -0.99 0.00	19.47 -0.16 0.00	16.52 -0.06 0.00	9.71 -0.07 0.00	4.78 -0.02 0.00	6.37 -0.04 0.00	10.28 -0.07 0.00	12.90 -0.11 0.00	13.01 -0.09 0.00	17.02 -0.07 0.00	25.09 -0.12 0.00	23.86 -0.09 0.00	21.30 -0.20 0.00	20.00 -0.24 0.00	21.53 -0.24 0.00	18.86 -0.15 0.00
HAMLTNNY_34_KV_TB 80303	18.74 -0.11 0.00	16.83 -0.13 0.00	18.20 -0.12 0.00	16.91 -0.08 0.00	18.44 -0.05 0.00	22.48 -0.13 0.00	28.13 -0.14 0.00	45.30 -0.10 0.00	175.53 -0.74 0.00	19.49 -0.15 0.00	16.55 -0.03 0.00	9.72 -0.07 0.00	4.78 -0.02 0.00	6.37 -0.03 0.00	10.30 -0.06 0.00	12.91 -0.10 0.00	13.03 -0.07 0.00	17.05 -0.04 0.00	25.18 -0.03 0.00	23.95 0.00 0.00	21.37 -0.13 0.00	20.06 -0.17 0.00	21.58 -0.19 0.00	18.87 -0.13 0.00



HAMPSHIRE___PAPER_HYD 323593	21.98 -1.01 -4.13	18.89 -0.83 -2.77	19.95 -0.72 -2.35	16.35 -0.64 0.00	17.92 -0.56 0.00	22.18 -0.43 0.00	27.56 -0.71 0.00	44.16 -1.23 0.00	171.89 -4.39 0.00	19.11 -0.53 0.00	16.02 -0.56 0.00	9.42 -0.37 0.00	4.59 -0.21 0.00	6.11 -0.30 0.00	9.79 -0.57 0.00	12.21 -0.80 0.00	12.33 -0.77 0.00	16.30 -0.79 0.00	24.65 -0.57 0.00	23.57 -0.38 0.00	21.14 -0.36 0.00	19.89 -0.35 0.00	21.46 -0.31 0.00	18.82 -0.18 0.00
HARDSCRABBLE_WT_PWR 323673	18.44 -0.41 0.00	16.54 -0.42 0.00	17.86 -0.46 0.00	16.65 -0.34 0.00	18.06 -0.42 0.00	22.11 -0.51 0.00	28.08 -0.20 0.00	45.53 0.14 0.00	175.76 -0.52 0.00	19.26 -0.37 0.00	16.16 -0.43 0.00	9.53 -0.26 0.00	4.67 -0.13 0.00	6.24 -0.17 0.00	10.08 -0.28 0.00	12.65 -0.36 0.00	12.74 -0.36 0.00	16.68 -0.41 0.00	24.78 -0.43 0.00	23.75 -0.20 0.00	21.24 -0.25 0.00	20.06 -0.17 0.00	21.60 -0.17 0.00	18.72 -0.28 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	19.56 0.71 0.00	17.54 0.58 0.00	18.87 0.56 0.00	17.58 0.59 0.00	19.01 0.53 0.00	23.29 0.68 0.00	29.66 1.39 0.00	47.86 2.47 0.00	184.79 8.52 0.00	20.40 0.77 0.00	17.12 0.54 0.00	10.13 0.34 0.00	4.96 0.15 0.00	6.63 0.22 0.00	10.77 0.42 0.00	13.58 0.57 0.00	13.70 0.61 0.00	17.81 0.73 0.00	26.17 0.95 0.00	24.97 1.02 0.00	22.25 0.76 0.00	20.87 0.63 0.00	22.39 0.61 0.00	19.40 0.39 0.00
HARSNRAD_115KV_TB1 81005	17.09 -1.77 0.00	15.44 -1.51 0.00	16.91 -1.41 0.00	15.71 -1.28 0.00	17.28 -1.20 0.00	20.94 -1.68 0.00	25.99 -2.28 0.00	41.46 -3.94 0.00	162.80 -13.47 0.00	18.25 -1.38 0.00	15.87 -0.71 0.00	9.25 -0.53 0.00	4.63 -0.17 0.00	6.10 -0.31 0.00	9.81 -0.55 0.00	12.12 -0.89 0.00	12.22 -0.88 0.00	15.96 -1.13 0.00	23.48 -1.74 0.00	21.94 -2.00 0.00	19.37 -2.13 0.00	18.14 -2.09 0.00	19.61 -2.16 0.00	17.31 -1.70 0.00
HARZA MOOSE___RIVER 24016	19.62 -0.39 -1.16	17.43 -0.31 -0.77	18.83 -0.15 -0.66	16.97 -0.02 0.00	18.52 0.04 0.00	22.87 0.25 0.00	28.74 0.46 0.00	46.36 0.96 0.00	179.72 3.44 0.00	19.98 0.35 0.00	16.76 0.18 0.00	9.85 0.06 0.00	4.80 -0.01 0.00	6.37 -0.04 0.00	10.23 -0.12 0.00	12.77 -0.24 0.00	12.91 -0.19 0.00	17.12 0.03 0.00	25.88 0.66 0.00	24.77 0.82 0.00	22.03 0.54 0.00	20.67 0.43 0.00	22.29 0.51 0.00	19.51 0.51 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	18.58 -0.26 0.00	16.69 -0.26 0.00	18.05 -0.27 0.00	16.78 -0.21 0.00	18.27 -0.21 0.00	22.26 -0.35 0.00	27.82 -0.46 0.00	44.76 -0.64 0.00	173.44 -2.84 0.00	19.29 -0.34 0.00	16.40 -0.18 0.00	9.65 -0.14 0.00	4.75 -0.05 0.00	6.33 -0.08 0.00	10.21 -0.14 0.00	12.81 -0.20 0.00	12.92 -0.18 0.00	16.88 -0.21 0.00	24.87 -0.35 0.00	23.63 -0.32 0.00	21.10 -0.39 0.00	19.83 -0.41 0.00	21.35 -0.42 0.00	18.73 -0.28 0.00
HELLGATE_13_KV_LD 55870	19.56 0.71 0.00	17.56 0.60 0.00	18.85 0.53 0.00	17.57 0.58 0.00	18.96 0.48 0.00	23.19 0.58 0.00	29.63 1.36 0.00	47.89 2.50 0.00	184.79 8.52 0.00	20.51 0.87 0.00	17.21 0.63 0.00	10.21 0.42 0.00	4.99 0.19 0.00	6.69 0.27 0.00	10.87 0.52 0.00	13.70 0.69 0.00	13.84 0.74 0.00	17.89 0.80 0.00	26.11 0.90 0.00	24.95 1.01 0.00	22.23 0.74 0.00	20.84 0.61 0.00	22.33 0.56 0.00	19.35 0.35 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	19.56 0.71 0.00	17.56 0.60 0.00	18.85 0.53 0.00	17.57 0.58 0.00	18.96 0.48 0.00	23.19 0.58 0.00	29.63 1.36 0.00	47.89 2.50 0.00	184.79 8.52 0.00	20.51 0.87 0.00	17.21 0.63 0.00	10.21 0.42 0.00	4.99 0.19 0.00	6.69 0.27 0.00	10.87 0.52 0.00	13.70 0.69 0.00	13.84 0.74 0.00	17.89 0.80 0.00	26.11 0.90 0.00	24.95 1.01 0.00	22.23 0.74 0.00	20.84 0.61 0.00	22.33 0.56 0.00	19.35 0.35 0.00
HEMPSTEAD____ 23647	19.78 0.93 0.00	17.72 0.76 0.00	19.02 0.70 0.00	17.71 0.72 0.00	19.09 0.61 0.00	23.43 0.82 0.00	30.02 1.75 0.00	48.16 2.76 0.00	185.72 9.45 0.00	20.63 0.99 0.00	17.27 0.69 0.00	10.18 0.39 0.00	4.97 0.17 0.00	6.64 0.23 0.00	10.79 0.43 0.00	13.69 0.68 0.00	13.92 0.83 0.00	18.01 0.92 0.00	26.34 1.13 0.00	25.12 1.17 0.00	22.39 0.90 0.00	20.96 0.73 0.00	22.53 0.76 0.00	19.49 0.49 0.00
HEWLETT__69_KV_BK3 55828	19.91 1.06 0.00	17.83 0.87 0.00	19.13 0.82 0.00	17.82 0.83 0.00	19.20 0.72 0.00	23.58 0.96 0.00	30.16 1.89 0.00	48.38 2.99 0.00	186.15 9.87 0.00	20.72 1.08 0.00	17.38 0.80 0.00	10.26 0.46 0.00	5.01 0.21 0.00	6.68 0.27 0.00	10.86 0.51 0.00	13.77 0.77 0.00	13.98 0.88 0.00	18.09 1.01 0.00	26.46 1.25 0.00	25.29 1.33 0.00	22.51 1.02 0.00	21.09 0.86 0.00	22.69 0.92 0.00	19.62 0.62 0.00
HICKLING___1 23621	18.40 -0.45 0.00	16.51 -0.45 0.00	17.82 -0.50 0.00	16.59 -0.39 0.00	18.13 -0.35 0.00	22.12 -0.50 0.00	28.00 -0.28 0.00	45.40 0.00 0.00	175.28 -1.00 0.00	19.63 0.00 0.00	16.61 0.03 0.00	9.60 -0.19 0.00	4.79 0.00 0.00	6.41 -0.01 0.00	10.29 -0.07 0.00	12.90 -0.11 0.00	12.97 -0.13 0.00	17.06 -0.03 0.00	25.27 0.06 0.00	24.22 0.27 0.00	21.61 0.11 0.00	20.06 -0.17 0.00	21.55 -0.22 0.00	18.48 -0.53 0.00
HICKLING___2 23622	18.40 -0.45 0.00	16.51 -0.45 0.00	17.82 -0.50 0.00	16.59 -0.39 0.00	18.13 -0.35 0.00	22.12 -0.50 0.00	28.00 -0.28 0.00	45.40 0.00 0.00	175.28 -1.00 0.00	19.63 0.00 0.00	16.61 0.03 0.00	9.60 -0.19 0.00	4.79 0.00 0.00	6.41 -0.01 0.00	10.29 -0.07 0.00	12.90 -0.11 0.00	12.97 -0.13 0.00	17.06 -0.03 0.00	25.27 0.06 0.00	24.22 0.27 0.00	21.61 0.11 0.00	20.06 -0.17 0.00	21.55 -0.22 0.00	18.48 -0.53 0.00
HIGH FALLS___HY 23754	19.70 0.85 0.00	17.66 0.70 0.00	19.00 0.68 0.00	17.68 0.69 0.00	19.13 0.64 0.00	23.42 0.81 0.00	29.88 1.61 0.00	48.24 2.84 0.00	186.18 9.91 0.00	20.49 0.85 0.00	17.14 0.56 0.00	10.10 0.31 0.00	4.94 0.14 0.00	6.60 0.20 0.00	10.73 0.38 0.00	13.53 0.53 0.00	13.67 0.57 0.00	17.82 0.73 0.00	26.28 1.06 0.00	25.16 1.21 0.00	22.43 0.94 0.00	21.02 0.78 0.00	22.54 0.77 0.00	19.53 0.53 0.00
HILLBURN___GT 23639	19.55 0.70 0.00	17.53 0.57 0.00	18.85 0.53 0.00	17.56 0.57 0.00	18.98 0.50 0.00	23.26 0.65 0.00	29.66 1.38 0.00	47.85 2.45 0.00	184.63 8.35 0.00	20.40 0.76 0.00	17.13 0.55 0.00	10.15 0.35 0.00	4.96 0.16 0.00	6.64 0.23 0.00	10.79 0.44 0.00	13.61 0.60 0.00	13.72 0.62 0.00	17.81 0.72 0.00	26.13 0.91 0.00	24.93 0.98 0.00	22.21 0.72 0.00	20.82 0.59 0.00	22.34 0.57 0.00	19.37 0.36 0.00
HILLSIDE_115KV_TB1 80332	18.30 -0.55 0.00	16.40 -0.56 0.00	17.71 -0.61 0.00	16.49 -0.50 0.00	17.98 -0.50 0.00	21.94 -0.67 0.00	27.73 -0.54 0.00	44.90 -0.50 0.00	173.07 -3.21 0.00	19.38 -0.25 0.00	16.40 -0.18 0.00	9.48 -0.31 0.00	4.74 -0.06 0.00	6.33 -0.08 0.00	10.18 -0.17 0.00	12.78 -0.23 0.00	12.84 -0.26 0.00	16.83 -0.25 0.00	24.89 -0.32 0.00	23.81 -0.14 0.00	21.26 -0.24 0.00	19.85 -0.38 0.00	21.37 -0.41 0.00	18.41 -0.60 0.00



HISHELDN_WT_PWR 323625	17.05 -1.80 0.00	15.33 -1.63 0.00	16.73 -1.58 0.00	15.58 -1.41 0.00	17.12 -1.37 0.00	20.85 -1.77 0.00	26.10 -2.18 0.00	41.84 -3.55 0.00	164.11 -12.17 0.00	18.45 -1.18 0.00	15.98 -0.60 0.00	9.32 -0.47 0.00	4.67 -0.13 0.00	6.14 -0.27 0.00	9.89 -0.47 0.00	12.25 -0.76 0.00	12.34 -0.75 0.00	16.13 -0.96 0.00	23.80 -1.41 0.00	22.23 -1.72 0.00	19.51 -1.99 0.00	18.20 -2.03 0.00	19.70 -2.07 0.00	17.30 -1.70 0.00
HOLTSVILLE_IC_1 23690	19.90 1.05 0.00	17.80 0.84 0.00	19.10 0.78 0.00	17.82 0.83 0.00	19.16 0.68 0.00	23.55 0.94 0.00	30.17 1.89 0.00	48.31 2.91 0.00	186.78 10.51 0.00	20.73 1.10 0.00	17.21 0.63 0.00	10.11 0.32 0.00	4.92 0.12 0.00	6.55 0.14 0.00	10.66 0.30 0.00	13.63 0.62 0.00	14.06 0.96 0.00	18.07 0.98 0.00	26.38 1.16 0.00	25.24 1.30 0.00	22.42 0.92 0.00	20.94 0.71 0.00	22.57 0.80 0.00	19.55 0.54 0.00
HOLTSVILLE_IC_10 23699	19.98 1.13 0.00	17.87 0.91 0.00	19.17 0.86 0.00	17.89 0.90 0.00	19.23 0.74 0.00	23.64 1.03 0.00	30.30 2.03 0.00	48.54 3.15 0.00	187.68 11.40 0.00	20.82 1.18 0.00	17.26 0.67 0.00	10.13 0.34 0.00	4.93 0.13 0.00	6.56 0.15 0.00	10.67 0.31 0.00	13.66 0.65 0.00	14.12 1.02 0.00	18.14 1.06 0.00	26.52 1.30 0.00	25.39 1.44 0.00	22.54 1.04 0.00	21.05 0.82 0.00	22.67 0.90 0.00	19.62 0.62 0.00
HOLTSVILLE_IC_2 23691	19.90 1.05 0.00	17.80 0.84 0.00	19.10 0.78 0.00	17.82 0.83 0.00	19.16 0.68 0.00	23.55 0.94 0.00	30.17 1.89 0.00	48.31 2.91 0.00	186.78 10.51 0.00	20.73 1.10 0.00	17.21 0.63 0.00	10.11 0.32 0.00	4.92 0.12 0.00	6.55 0.14 0.00	10.66 0.30 0.00	13.63 0.62 0.00	14.06 0.96 0.00	18.07 0.98 0.00	26.38 1.16 0.00	25.24 1.30 0.00	22.42 0.92 0.00	20.94 0.71 0.00	22.57 0.80 0.00	19.55 0.54 0.00
HOLTSVILLE_IC_3 23692	19.90 1.05 0.00	17.80 0.84 0.00	19.10 0.78 0.00	17.82 0.83 0.00	19.16 0.68 0.00	23.55 0.94 0.00	30.17 1.89 0.00	48.31 2.91 0.00	186.78 10.51 0.00	20.73 1.10 0.00	17.21 0.63 0.00	10.11 0.32 0.00	4.92 0.12 0.00	6.55 0.14 0.00	10.66 0.30 0.00	13.63 0.62 0.00	14.06 0.96 0.00	18.07 0.98 0.00	26.38 1.16 0.00	25.24 1.30 0.00	22.42 0.92 0.00	20.94 0.71 0.00	22.57 0.80 0.00	19.55 0.54 0.00
HOLTSVILLE_IC_4 23693	19.90 1.05 0.00	17.80 0.84 0.00	19.10 0.78 0.00	17.82 0.83 0.00	19.16 0.68 0.00	23.55 0.94 0.00	30.17 1.89 0.00	48.31 2.91 0.00	186.78 10.51 0.00	20.73 1.10 0.00	17.21 0.63 0.00	10.11 0.32 0.00	4.92 0.12 0.00	6.55 0.14 0.00	10.66 0.30 0.00	13.63 0.62 0.00	14.06 0.96 0.00	18.07 0.98 0.00	26.38 1.16 0.00	25.24 1.30 0.00	22.42 0.92 0.00	20.94 0.71 0.00	22.57 0.80 0.00	19.55 0.54 0.00
HOLTSVILLE_IC_5 23694	19.90 1.05 0.00	17.80 0.84 0.00	19.10 0.78 0.00	17.82 0.83 0.00	19.16 0.68 0.00	23.55 0.94 0.00	30.17 1.89 0.00	48.31 2.91 0.00	186.78 10.51 0.00	20.73 1.10 0.00	17.21 0.63 0.00	10.11 0.32 0.00	4.92 0.12 0.00	6.55 0.14 0.00	10.66 0.30 0.00	13.63 0.62 0.00	14.06 0.96 0.00	18.07 0.98 0.00	26.38 1.16 0.00	25.24 1.30 0.00	22.42 0.92 0.00	20.94 0.71 0.00	22.57 0.80 0.00	19.55 0.54 0.00
HOLTSVILLE_IC_6 23695	19.98 1.13 0.00	17.87 0.91 0.00	19.17 0.86 0.00	17.89 0.90 0.00	19.23 0.74 0.00	23.64 1.03 0.00	30.30 2.03 0.00	48.54 3.15 0.00	187.68 11.40 0.00	20.82 1.18 0.00	17.26 0.67 0.00	10.13 0.34 0.00	4.93 0.13 0.00	6.56 0.15 0.00	10.67 0.31 0.00	13.66 0.65 0.00	14.12 1.02 0.00	18.14 1.06 0.00	26.52 1.30 0.00	25.39 1.44 0.00	22.54 1.04 0.00	21.05 0.82 0.00	22.67 0.90 0.00	19.62 0.62 0.00
HOLTSVILLE_IC_7 23696	19.98 1.13 0.00	17.87 0.91 0.00	19.17 0.86 0.00	17.89 0.90 0.00	19.23 0.74 0.00	23.64 1.03 0.00	30.30 2.03 0.00	48.54 3.15 0.00	187.68 11.40 0.00	20.82 1.18 0.00	17.26 0.67 0.00	10.13 0.34 0.00	4.93 0.13 0.00	6.56 0.15 0.00	10.67 0.31 0.00	13.66 0.65 0.00	14.12 1.02 0.00	18.14 1.06 0.00	26.52 1.30 0.00	25.39 1.44 0.00	22.54 1.04 0.00	21.05 0.82 0.00	22.67 0.90 0.00	19.62 0.62 0.00
HOLTSVILLE_IC_8 23697	19.98 1.13 0.00	17.87 0.91 0.00	19.17 0.86 0.00	17.89 0.90 0.00	19.23 0.74 0.00	23.64 1.03 0.00	30.30 2.03 0.00	48.54 3.15 0.00	187.68 11.40 0.00	20.82 1.18 0.00	17.26 0.67 0.00	10.13 0.34 0.00	4.93 0.13 0.00	6.56 0.15 0.00	10.67 0.31 0.00	13.66 0.65 0.00	14.12 1.02 0.00	18.14 1.06 0.00	26.52 1.30 0.00	25.39 1.44 0.00	22.54 1.04 0.00	21.05 0.82 0.00	22.67 0.90 0.00	19.62 0.62 0.00
HOLTSVILLE_IC_9 23698	19.98 1.13 0.00	17.87 0.91 0.00	19.17 0.86 0.00	17.89 0.90 0.00	19.23 0.74 0.00	23.64 1.03 0.00	30.30 2.03 0.00	48.54 3.15 0.00	187.68 11.40 0.00	20.82 1.18 0.00	17.26 0.67 0.00	10.13 0.34 0.00	4.93 0.13 0.00	6.56 0.15 0.00	10.67 0.31 0.00	13.66 0.65 0.00	14.12 1.02 0.00	18.14 1.06 0.00	26.52 1.30 0.00	25.39 1.44 0.00	22.54 1.04 0.00	21.05 0.82 0.00	22.67 0.90 0.00	19.62 0.62 0.00
HOMER_HL_115KV_TB2 355744	18.45 -0.41 0.00	16.55 -0.41 0.00	18.03 -0.28 0.00	16.77 -0.22 0.00	18.19 -0.30 0.00	22.06 -0.55 0.00	27.72 -0.55 0.00	44.67 -0.72 0.00	174.42 -1.86 0.00	19.41 -0.23 0.00	16.80 0.21 0.00	9.80 0.02 0.00	4.91 0.11 0.00	6.53 0.12 0.00	10.52 0.16 0.00	13.09 0.07 0.00	13.13 0.03 0.00	17.08 0.00 0.00	25.06 -0.15 0.00	23.57 -0.38 0.00	20.91 -0.58 0.00	19.58 -0.66 0.00	21.24 -0.54 0.00	18.53 -0.48 0.00
HOWARD_WT_PWR 323690	17.58 -1.27 0.00	16.05 -0.90 0.00	17.07 -1.25 0.00	15.94 -1.05 0.00	17.74 -0.74 0.00	21.26 -1.35 0.00	27.04 -1.23 0.00	44.16 -1.23 0.00	171.88 -4.39 0.00	19.46 -0.18 0.00	16.44 -0.14 0.00	9.50 -0.29 0.00	4.68 -0.12 0.00	6.27 -0.15 0.00	10.05 -0.31 0.00	12.62 -0.39 0.00	12.70 -0.40 0.00	16.82 -0.26 0.00	25.28 0.06 0.00	24.48 0.53 0.00	21.88 0.39 0.00	20.14 -0.09 0.00	21.49 -0.28 0.00	18.11 -0.89 0.00
HQ_GEN_CEDARS 23644	20.47 -0.12 -1.74	18.09 -0.04 -1.17	19.30 0.00 -0.99	16.84 -0.14 0.00	18.46 -0.02 0.00	22.69 0.08 0.00	28.03 -0.24 0.00	44.53 -0.87 0.00	174.05 -2.23 0.00	19.58 -0.06 0.00	16.52 -0.06 0.00	9.75 -0.04 0.00	4.77 -0.03 0.00	6.36 -0.05 0.00	10.24 -0.11 0.00	12.81 -0.20 0.00	12.90 -0.20 0.00	16.89 -0.19 0.00	25.12 -0.09 0.00	23.82 -0.13 0.00	21.59 0.10 0.00	20.38 0.15 0.00	21.97 0.19 0.00	19.22 0.21 0.00
HQ_GEN_CEDARS_PROXY 323590	20.47 -0.12 -1.74	18.09 -0.04 -1.17	19.30 0.00 -0.99	16.84 -0.14 0.00	18.46 -0.02 0.00	22.69 0.08 0.00	28.03 -0.24 0.00	44.53 -0.86 0.00	174.05 -2.23 0.00	19.58 -0.06 0.00	16.52 -0.06 0.00	9.75 -0.04 0.00	4.77 -0.03 0.00	6.36 -0.05 0.00	10.24 -0.11 0.00	12.81 -0.20 0.00	12.90 -0.20 0.00	16.89 -0.20 0.00	25.63 -0.09 -0.51	23.82 -0.13 0.00	21.59 0.10 0.00	20.38 0.15 0.00	21.96 0.19 0.00	19.22 0.21 0.00



HQ_GEN_IMPORT 323601	18.84 -0.02 0.00	16.98 0.02 0.00	18.35 0.03 0.00	16.95 -0.04 0.00	18.51 0.03 0.00	22.68 0.06 0.00	28.11 -0.16 0.00	42.54 -0.55 2.31	175.19 -1.06 0.03	19.66 0.03 0.00	16.60 0.02 0.00	9.80 0.01 0.00	4.80 0.00 0.00	6.41 0.00 0.00	10.34 -0.02 0.00	12.97 -0.05 0.00	13.05 -0.05 0.00	17.05 -0.04 0.00	25.22 0.00 0.00	23.87 -0.08 0.00	21.58 0.08 0.00	20.35 0.12 0.00	21.92 0.15 0.00	19.16 0.15 0.00
HQ_GEN_WHEEL 23651	18.84 -0.02 0.00	16.98 0.02 0.00	18.35 0.03 0.00	16.95 -0.04 0.00	18.51 0.03 0.00	22.68 0.06 0.00	28.11 -0.16 0.00	42.54 -0.55 2.31	175.19 -1.06 0.03	19.66 0.03 0.00	16.60 0.02 0.00	9.80 0.01 0.00	4.80 0.00 0.00	6.41 0.00 0.00	10.34 -0.02 0.00	12.97 -0.05 0.00	13.05 -0.05 0.00	17.05 -0.04 0.00	25.22 0.00 0.00	23.87 -0.08 0.00	21.58 0.08 0.00	20.35 0.12 0.00	21.92 0.15 0.00	19.16 0.15 0.00
HUDSON AVE_GT_3 23810	19.62 0.77 0.00	17.60 0.64 0.00	18.91 0.59 0.00	17.61 0.62 0.00	19.02 0.54 0.00	23.28 0.67 0.00	29.75 1.48 0.00	48.03 2.64 0.00	185.54 9.26 0.00	20.55 0.92 0.00	17.25 0.67 0.00	10.22 0.43 0.00	5.00 0.20 0.00	6.69 0.28 0.00	10.88 0.52 0.00	13.72 0.71 0.00	13.85 0.75 0.00	17.94 0.85 0.00	26.21 1.00 0.00	25.02 1.07 0.00	22.29 0.80 0.00	20.90 0.67 0.00	22.41 0.63 0.00	19.41 0.40 0.00
HUDSON AVE_GT_4 23540	19.62 0.77 0.00	17.60 0.64 0.00	18.91 0.59 0.00	17.61 0.62 0.00	19.02 0.54 0.00	23.28 0.67 0.00	29.75 1.48 0.00	48.03 2.64 0.00	185.54 9.26 0.00	20.55 0.92 0.00	17.25 0.67 0.00	10.22 0.43 0.00	5.00 0.20 0.00	6.69 0.28 0.00	10.88 0.52 0.00	13.72 0.71 0.00	13.85 0.75 0.00	17.94 0.85 0.00	26.21 1.00 0.00	25.02 1.07 0.00	22.29 0.80 0.00	20.90 0.67 0.00	22.41 0.63 0.00	19.41 0.40 0.00
HUDSON AVE_GT_5 23657	19.62 0.77 0.00	17.60 0.64 0.00	18.91 0.59 0.00	17.61 0.62 0.00	19.02 0.54 0.00	23.28 0.67 0.00	29.75 1.48 0.00	48.03 2.64 0.00	185.54 9.26 0.00	20.55 0.92 0.00	17.25 0.67 0.00	10.22 0.43 0.00	5.00 0.20 0.00	6.69 0.28 0.00	10.88 0.52 0.00	13.72 0.71 0.00	13.85 0.75 0.00	17.94 0.85 0.00	26.21 1.00 0.00	25.02 1.07 0.00	22.29 0.80 0.00	20.90 0.67 0.00	22.41 0.63 0.00	19.41 0.40 0.00
HUDSON_AVE_10 24168	19.59 0.74 0.00	17.58 0.62 0.00	18.88 0.56 0.00	17.58 0.59 0.00	18.99 0.51 0.00	23.24 0.63 0.00	29.69 1.42 0.00	47.96 2.56 0.00	185.26 8.99 0.00	20.52 0.89 0.00	17.23 0.65 0.00	10.20 0.41 0.00	4.99 0.19 0.00	6.68 0.27 0.00	10.87 0.51 0.00	13.70 0.69 0.00	13.82 0.73 0.00	17.91 0.82 0.00	26.17 0.95 0.00	24.96 1.01 0.00	22.24 0.75 0.00	20.86 0.63 0.00	22.35 0.58 0.00	19.36 0.36 0.00
HUDSON___115KV_TB 4 355613	19.70 0.85 0.00	17.70 0.74 0.00	19.09 0.78 0.00	17.75 0.76 0.00	19.24 0.76 0.00	23.58 0.97 0.00	29.77 1.50 0.00	48.15 2.75 0.00	185.34 9.07 0.00	20.21 0.57 0.00	16.93 0.35 0.00	10.02 0.23 0.00	4.90 0.10 0.00	6.54 0.13 0.00	10.60 0.24 0.00	13.35 0.34 0.00	13.44 0.34 0.00	17.54 0.45 0.00	25.96 0.74 0.00	24.83 0.88 0.00	22.18 0.69 0.00	20.86 0.63 0.00	22.39 0.61 0.00	19.40 0.39 0.00
HUNTER MOUNT___DRP 323613	19.81 0.96 0.00	17.80 0.84 0.00	19.21 0.90 0.00	17.86 0.87 0.00	19.37 0.89 0.00	23.75 1.14 0.00	29.97 1.69 0.00	48.48 3.08 0.00	186.81 10.54 0.00	20.56 0.92 0.00	17.21 0.63 0.00	10.17 0.38 0.00	4.96 0.16 0.00	6.62 0.21 0.00	10.70 0.35 0.00	13.50 0.49 0.00	13.61 0.52 0.00	17.90 0.82 0.00	26.65 1.44 0.00	25.53 1.59 0.00	22.83 1.33 0.00	21.45 1.21 0.00	22.98 1.21 0.00	19.91 0.90 0.00
HUNTINGTON_RES_REC 323705	19.82 0.97 0.00	17.74 0.78 0.00	19.03 0.72 0.00	17.75 0.76 0.00	19.10 0.62 0.00	23.48 0.86 0.00	30.07 1.79 0.00	48.16 2.76 0.00	186.00 9.72 0.00	20.62 0.99 0.00	17.18 0.60 0.00	10.09 0.30 0.00	4.92 0.12 0.00	6.56 0.15 0.00	10.66 0.30 0.00	13.60 0.58 0.00	13.96 0.86 0.00	17.99 0.91 0.00	26.31 1.10 0.00	25.18 1.23 0.00	22.36 0.86 0.00	20.89 0.66 0.00	22.52 0.75 0.00	19.49 0.48 0.00
HUNTLEY___63 23557	17.25 -1.61 0.00	15.58 -1.37 0.00	17.07 -1.25 0.00	15.85 -1.14 0.00	17.44 -1.04 0.00	21.12 -1.49 0.00	26.27 -2.01 0.00	41.81 -3.58 0.00	164.21 -12.07 0.00	18.42 -1.21 0.00	16.01 -0.57 0.00	9.34 -0.45 0.00	4.68 -0.12 0.00	6.17 -0.24 0.00	9.93 -0.43 0.00	12.26 -0.75 0.00	12.34 -0.76 0.00	16.10 -0.99 0.00	23.68 -1.53 0.00	22.14 -1.81 0.00	19.54 -1.96 0.00	18.29 -1.94 0.00	19.78 -1.99 0.00	17.46 -1.55 0.00
HUNTLEY___64 23558	17.25 -1.61 0.00	15.58 -1.37 0.00	17.07 -1.25 0.00	15.85 -1.14 0.00	17.44 -1.04 0.00	21.12 -1.49 0.00	26.27 -2.01 0.00	41.81 -3.58 0.00	164.21 -12.07 0.00	18.42 -1.21 0.00	16.01 -0.57 0.00	9.34 -0.45 0.00	4.68 -0.12 0.00	6.17 -0.24 0.00	9.93 -0.43 0.00	12.26 -0.75 0.00	12.34 -0.76 0.00	16.10 -0.99 0.00	23.68 -1.53 0.00	22.14 -1.81 0.00	19.54 -1.96 0.00	18.29 -1.94 0.00	19.78 -1.99 0.00	17.46 -1.55 0.00
HUNTLEY___65 23559	17.25 -1.61 0.00	15.58 -1.37 0.00	17.07 -1.25 0.00	15.85 -1.14 0.00	17.44 -1.04 0.00	21.12 -1.49 0.00	26.27 -2.01 0.00	41.81 -3.58 0.00	164.21 -12.07 0.00	18.42 -1.21 0.00	16.01 -0.57 0.00	9.34 -0.45 0.00	4.68 -0.12 0.00	6.17 -0.24 0.00	9.93 -0.43 0.00	12.26 -0.75 0.00	12.34 -0.76 0.00	16.10 -0.99 0.00	23.68 -1.53 0.00	22.14 -1.81 0.00	19.54 -1.96 0.00	18.29 -1.94 0.00	19.78 -1.99 0.00	17.46 -1.55 0.00
HUNTLEY___66 23560	17.25 -1.61 0.00	15.58 -1.37 0.00	17.07 -1.25 0.00	15.85 -1.14 0.00	17.44 -1.04 0.00	21.12 -1.49 0.00	26.27 -2.01 0.00	41.81 -3.58 0.00	164.21 -12.07 0.00	18.42 -1.21 0.00	16.01 -0.57 0.00	9.34 -0.45 0.00	4.68 -0.12 0.00	6.17 -0.24 0.00	9.93 -0.43 0.00	12.26 -0.75 0.00	12.34 -0.76 0.00	16.10 -0.99 0.00	23.68 -1.53 0.00	22.14 -1.81 0.00	19.54 -1.96 0.00	18.29 -1.94 0.00	19.78 -1.99 0.00	17.46 -1.55 0.00
HUNTLEY___67 23561	17.18 -1.67 0.00	15.53 -1.43 0.00	17.00 -1.32 0.00	15.78 -1.21 0.00	17.36 -1.13 0.00	21.03 -1.59 0.00	26.13 -2.14 0.00	41.72 -3.68 0.00	163.70 -12.57 0.00	18.37 -1.27 0.00	15.96 -0.62 0.00	9.31 -0.48 0.00	4.66 -0.14 0.00	6.16 -0.26 0.00	9.90 -0.46 0.00	12.24 -0.77 0.00	12.33 -0.77 0.00	16.08 -1.01 0.00	23.64 -1.57 0.00	22.09 -1.86 0.00	19.50 -1.99 0.00	18.26 -1.97 0.00	19.75 -2.02 0.00	17.41 -1.60 0.00
HUNTLEY___68 23562	17.18 -1.67 0.00	15.53 -1.43 0.00	17.00 -1.32 0.00	15.78 -1.21 0.00	17.36 -1.13 0.00	21.03 -1.59 0.00	26.13 -2.14 0.00	41.72 -3.68 0.00	163.70 -12.57 0.00	18.37 -1.27 0.00	15.96 -0.62 0.00	9.31 -0.48 0.00	4.66 -0.14 0.00	6.16 -0.26 0.00	9.90 -0.46 0.00	12.24 -0.77 0.00	12.33 -0.77 0.00	16.08 -1.01 0.00	23.64 -1.57 0.00	22.09 -1.86 0.00	19.50 -1.99 0.00	18.26 -1.97 0.00	19.75 -2.02 0.00	17.41 -1.60 0.00



HYLAND___LFGE 323620	18.60 -0.25 0.00	16.75 -0.21 0.00	18.10 -0.22 0.00	16.83 -0.15 0.00	18.54 0.06 0.00	22.55 -0.07 0.00	28.53 0.25 0.00	46.31 0.91 0.00	179.45 3.17 0.00	19.68 0.05 0.00	16.50 -0.08 0.00	9.57 -0.22 0.00	4.73 -0.07 0.00	6.29 -0.12 0.00	10.12 -0.23 0.00	12.65 -0.36 0.00	12.76 -0.34 0.00	16.78 -0.30 0.00	25.21 -0.01 0.00	24.61 0.66 0.00	22.01 0.51 0.00	20.42 0.19 0.00	21.84 0.06 0.00	18.79 -0.22 0.00
INDECK___CORINTH 23802	19.48 0.63 0.00	17.50 0.54 0.00	18.87 0.55 0.00	17.55 0.56 0.00	19.02 0.54 0.00	23.38 0.77 0.00	29.57 1.30 0.00	47.93 2.53 0.00	184.70 8.42 0.00	20.21 0.58 0.00	16.88 0.30 0.00	9.99 0.20 0.00	4.88 0.08 0.00	6.52 0.11 0.00	10.54 0.18 0.00	13.36 0.34 0.00	13.49 0.39 0.00	17.74 0.66 0.00	26.35 1.13 0.00	25.17 1.22 0.00	22.49 1.00 0.00	21.09 0.86 0.00	22.52 0.75 0.00	19.45 0.44 0.00
INDECK___ILION 23567	18.81 -0.04 0.00	16.88 -0.08 0.00	18.22 -0.09 0.00	16.95 -0.04 0.00	18.40 -0.08 0.00	22.53 -0.08 0.00	28.46 0.18 0.00	45.97 0.57 0.00	177.70 1.43 0.00	19.57 -0.07 0.00	16.44 -0.14 0.00	9.70 -0.09 0.00	4.76 -0.05 0.00	6.35 -0.06 0.00	10.27 -0.09 0.00	12.93 -0.08 0.00	13.01 -0.09 0.00	17.01 -0.08 0.00	25.18 -0.04 0.00	24.03 0.08 0.00	21.49 -0.01 0.00	20.22 -0.01 0.00	21.73 -0.04 0.00	18.88 -0.13 0.00
INDECK___OLEAN 23982	18.45 -0.40 0.00	16.55 -0.41 0.00	18.02 -0.29 0.00	16.77 -0.22 0.00	18.19 -0.30 0.00	22.06 -0.55 0.00	27.72 -0.56 0.00	44.67 -0.72 0.00	174.41 -1.86 0.00	19.42 -0.22 0.00	16.80 0.22 0.00	9.80 0.02 0.00	4.91 0.11 0.00	6.53 0.12 0.00	10.52 0.16 0.00	13.09 0.08 0.00	13.13 0.03 0.00	17.09 0.00 0.00	25.06 -0.16 0.00	23.57 -0.37 0.00	20.91 -0.58 0.00	19.58 -0.66 0.00	21.24 -0.53 0.00	18.53 -0.48 0.00
INDECK___OSWEGO 23783	18.39 -0.46 0.00	16.52 -0.43 0.00	17.87 -0.44 0.00	16.63 -0.36 0.00	18.10 -0.39 0.00	22.09 -0.52 0.00	27.61 -0.67 0.00	44.45 -0.95 0.00	172.36 -3.92 0.00	19.14 -0.50 0.00	16.24 -0.34 0.00	9.56 -0.23 0.00	4.70 -0.10 0.00	6.26 -0.15 0.00	10.10 -0.25 0.00	12.67 -0.34 0.00	12.78 -0.32 0.00	16.71 -0.38 0.00	24.64 -0.58 0.00	23.45 -0.50 0.00	20.93 -0.56 0.00	19.67 -0.57 0.00	21.19 -0.58 0.00	18.61 -0.39 0.00
INDECK___YERKES 23781	17.27 -1.58 0.00	15.60 -1.36 0.00	17.08 -1.24 0.00	15.86 -1.13 0.00	17.46 -1.02 0.00	21.15 -1.47 0.00	26.30 -1.98 0.00	41.86 -3.54 0.00	164.31 -11.97 0.00	18.45 -1.18 0.00	16.03 -0.55 0.00	9.35 -0.44 0.00	4.69 -0.12 0.00	6.18 -0.23 0.00	9.94 -0.42 0.00	12.28 -0.74 0.00	12.36 -0.74 0.00	16.12 -0.97 0.00	23.71 -1.51 0.00	22.16 -1.79 0.00	19.56 -1.94 0.00	18.31 -1.92 0.00	19.80 -1.97 0.00	17.48 -1.53 0.00
INDIAN POINT_GT_1 24139	19.53 0.68 0.00	17.52 0.56 0.00	18.83 0.52 0.00	17.54 0.55 0.00	18.96 0.47 0.00	23.21 0.60 0.00	29.60 1.32 0.00	47.75 2.36 0.00	184.28 8.00 0.00	20.38 0.75 0.00	17.10 0.53 0.00	10.12 0.33 0.00	4.95 0.15 0.00	6.63 0.22 0.00	10.77 0.42 0.00	13.59 0.58 0.00	13.70 0.61 0.00	17.78 0.70 0.00	26.08 0.86 0.00	24.89 0.94 0.00	22.18 0.69 0.00	20.80 0.56 0.00	22.32 0.55 0.00	19.34 0.33 0.00
INDIAN POINT_GT_2 23659	19.53 0.68 0.00	17.52 0.56 0.00	18.83 0.52 0.00	17.54 0.55 0.00	18.96 0.47 0.00	23.21 0.60 0.00	29.60 1.32 0.00	47.75 2.36 0.00	184.28 8.00 0.00	20.38 0.75 0.00	17.10 0.53 0.00	10.12 0.33 0.00	4.95 0.15 0.00	6.63 0.22 0.00	10.77 0.42 0.00	13.59 0.58 0.00	13.70 0.61 0.00	17.78 0.70 0.00	26.08 0.86 0.00	24.89 0.94 0.00	22.18 0.69 0.00	20.80 0.56 0.00	22.32 0.55 0.00	19.34 0.33 0.00
INDIAN POINT_GT_3 24019	19.53 0.68 0.00	17.52 0.56 0.00	18.83 0.52 0.00	17.54 0.55 0.00	18.96 0.47 0.00	23.21 0.60 0.00	29.60 1.32 0.00	47.75 2.36 0.00	184.28 8.00 0.00	20.38 0.75 0.00	17.10 0.53 0.00	10.12 0.33 0.00	4.95 0.15 0.00	6.63 0.22 0.00	10.77 0.42 0.00	13.59 0.58 0.00	13.70 0.61 0.00	17.78 0.70 0.00	26.08 0.86 0.00	24.89 0.94 0.00	22.18 0.69 0.00	20.80 0.56 0.00	22.32 0.55 0.00	19.34 0.33 0.00
INDIAN POINT___2 23530	19.51 0.66 0.00	17.50 0.54 0.00	18.82 0.50 0.00	17.53 0.54 0.00	18.94 0.46 0.00	23.20 0.58 0.00	29.58 1.30 0.00	47.71 2.31 0.00	184.10 7.83 0.00	20.35 0.72 0.00	17.09 0.51 0.00	10.12 0.33 0.00	4.95 0.15 0.00	6.62 0.21 0.00	10.76 0.41 0.00	13.58 0.57 0.00	13.69 0.59 0.00	17.76 0.68 0.00	26.06 0.84 0.00	24.86 0.91 0.00	22.16 0.66 0.00	20.77 0.54 0.00	22.30 0.53 0.00	19.32 0.32 0.00
INDIAN POINT___3 23531	19.51 0.66 0.00	17.50 0.54 0.00	18.82 0.50 0.00	17.53 0.54 0.00	18.94 0.45 0.00	23.19 0.58 0.00	29.57 1.29 0.00	47.70 2.30 0.00	184.10 7.83 0.00	20.36 0.72 0.00	17.09 0.51 0.00	10.12 0.33 0.00	4.95 0.15 0.00	6.62 0.21 0.00	10.76 0.41 0.00	13.58 0.57 0.00	13.69 0.59 0.00	17.76 0.68 0.00	26.06 0.84 0.00	24.87 0.91 0.00	22.16 0.66 0.00	20.78 0.55 0.00	22.30 0.53 0.00	19.32 0.32 0.00
INGHAM_C_115KV_TB7 356103	18.58 -0.27 0.00	16.63 -0.33 0.00	17.94 -0.38 0.00	16.73 -0.27 0.00	18.10 -0.38 0.00	22.19 -0.42 0.00	28.27 0.00 0.00	45.97 0.57 0.00	177.15 0.87 0.00	19.26 -0.37 0.00	16.08 -0.49 0.00	9.48 -0.31 0.00	4.65 -0.15 0.00	6.21 -0.20 0.00	10.05 -0.30 0.00	12.68 -0.33 0.00	12.77 -0.33 0.00	16.72 -0.37 0.00	24.86 -0.35 0.00	23.86 -0.09 0.00	21.31 -0.18 0.00	20.08 -0.15 0.00	21.56 -0.22 0.00	18.62 -0.39 0.00
IP CORINTH___1 23988	19.48 0.63 0.00	17.50 0.54 0.00	18.87 0.55 0.00	17.55 0.56 0.00	19.02 0.54 0.00	23.39 0.77 0.00	29.57 1.30 0.00	47.93 2.54 0.00	184.70 8.42 0.00	20.21 0.58 0.00	16.88 0.30 0.00	9.99 0.20 0.00	4.88 0.08 0.00	6.52 0.11 0.00	10.54 0.18 0.00	13.36 0.34 0.00	13.49 0.39 0.00	17.74 0.65 0.00	26.35 1.13 0.00	25.17 1.22 0.00	22.49 1.00 0.00	21.09 0.86 0.00	22.52 0.75 0.00	19.45 0.44 0.00
IP___TICONDEROGA 23804	19.99 1.14 0.00	17.94 0.98 0.00	19.36 1.04 0.00	18.03 1.04 0.00	19.48 1.00 0.00	24.09 1.48 0.00	30.71 2.44 0.00	50.93 5.54 0.00	194.77 18.49 0.00	20.95 1.31 0.00	17.16 0.58 0.00	10.16 0.37 0.00	4.96 0.16 0.00	6.61 0.20 0.00	10.71 0.36 0.00	13.72 0.71 0.00	13.91 0.81 0.00	18.52 1.43 0.00	27.57 2.36 0.00	26.42 2.47 0.00	23.56 2.07 0.00	22.02 1.79 0.00	23.31 1.54 0.00	19.93 0.93 0.00
ISLIP_RES_REC 323679	20.07 1.22 0.00	17.95 0.99 0.00	19.25 0.94 0.00	17.97 0.98 0.00	19.32 0.84 0.00	23.75 1.14 0.00	30.47 2.19 0.00	48.82 3.42 0.00	188.73 12.45 0.00	20.94 1.31 0.00	17.35 0.77 0.00	10.18 0.39 0.00	4.96 0.16 0.00	6.59 0.18 0.00	10.72 0.36 0.00	13.72 0.71 0.00	14.19 1.09 0.00	18.25 1.16 0.00	26.69 1.48 0.00	25.55 1.60 0.00	22.67 1.18 0.00	21.17 0.94 0.00	22.79 1.02 0.00	19.72 0.72 0.00



JAMAICA__27_KV_LOAD 355505	19.78 0.93 0.00	17.75 0.79 0.00	19.06 0.74 0.00	17.75 0.76 0.00	19.17 0.69 0.00	23.44 0.82 0.00	29.90 1.62 0.00	48.37 2.97 0.00	186.78 10.50 0.00	20.70 1.07 0.00	17.40 0.82 0.00	10.30 0.51 0.00	5.04 0.24 0.00	6.74 0.33 0.00	10.99 0.63 0.00	13.83 0.81 0.00	13.95 0.85 0.00	18.09 1.00 0.00	26.38 1.17 0.00	25.15 1.21 0.00	22.42 0.93 0.00	21.06 0.82 0.00	22.56 0.79 0.00	19.54 0.53 0.00
JANIS__SOLAR 323808	19.42 0.57 0.00	17.37 0.41 0.00	18.96 0.65 0.00	17.56 0.57 0.00	19.21 0.73 0.00	23.57 0.96 0.00	29.74 1.47 0.00	47.89 2.49 0.00	184.51 8.24 0.00	20.08 0.44 0.00	16.78 0.20 0.00	9.80 0.01 0.00	4.81 0.02 0.00	6.41 0.00 0.00	10.29 -0.06 0.00	12.91 -0.10 0.00	13.11 0.01 0.00	17.39 0.30 0.00	26.22 1.00 0.00	25.13 1.18 0.00	22.44 0.95 0.00	21.08 0.85 0.00	22.66 0.89 0.00	19.75 0.74 0.00
JARVIS____ 23743	18.89 0.04 0.00	16.98 0.02 0.00	18.34 0.02 0.00	17.04 0.05 0.00	18.50 0.02 0.00	22.64 0.03 0.00	28.43 0.15 0.00	45.75 0.36 0.00	177.13 0.86 0.00	19.67 0.04 0.00	16.59 0.01 0.00	9.80 0.01 0.00	4.80 0.00 0.00	6.42 0.00 0.00	10.38 0.02 0.00	13.05 0.04 0.00	13.12 0.02 0.00	17.11 0.03 0.00	25.24 0.03 0.00	24.01 0.06 0.00	21.49 0.00 0.00	20.21 -0.02 0.00	21.75 -0.02 0.00	18.97 -0.04 0.00
JENNISON____1 23625	19.31 0.47 0.00	17.08 0.12 0.00	18.89 0.58 0.00	17.40 0.41 0.00	19.09 0.61 0.00	23.53 0.91 0.00	29.64 1.36 0.00	47.62 2.23 0.00	182.79 6.51 0.00	20.07 0.44 0.00	16.85 0.27 0.00	9.88 0.09 0.00	4.87 0.06 0.00	6.48 0.07 0.00	10.34 -0.02 0.00	12.97 -0.05 0.00	13.16 0.06 0.00	17.46 0.37 0.00	26.18 0.97 0.00	25.02 1.07 0.00	22.42 0.93 0.00	21.09 0.86 0.00	22.71 0.94 0.00	19.78 0.78 0.00
JENNISON____2 23626	19.31 0.47 0.00	17.08 0.12 0.00	18.89 0.58 0.00	17.40 0.41 0.00	19.09 0.61 0.00	23.53 0.91 0.00	29.64 1.36 0.00	47.62 2.23 0.00	182.79 6.51 0.00	20.07 0.44 0.00	16.85 0.27 0.00	9.88 0.09 0.00	4.87 0.06 0.00	6.48 0.07 0.00	10.34 -0.02 0.00	12.97 -0.05 0.00	13.16 0.06 0.00	17.46 0.37 0.00	26.18 0.97 0.00	25.02 1.07 0.00	22.42 0.93 0.00	21.09 0.86 0.00	22.71 0.94 0.00	19.78 0.78 0.00
JERICOHO_RISE_WT_PWR 323719	-23.98 -0.76 42.08	-11.83 -0.62 28.17	-6.24 -0.64 23.92	16.38 -0.61 0.00	17.99 -0.49 0.00	22.26 -0.35 0.00	27.60 -0.67 0.00	43.28 -2.12 0.00	170.46 -5.82 0.00	19.35 -0.29 0.00	16.24 -0.34 0.00	9.62 -0.17 0.00	4.70 -0.11 0.00	6.24 -0.17 0.00	9.95 -0.41 0.00	12.55 -0.46 0.00	12.68 -0.42 0.00	16.75 -0.34 0.00	25.28 0.06 0.00	24.12 0.17 0.00	21.84 0.34 0.00	20.74 0.51 0.00	22.35 0.58 0.00	19.58 0.57 0.00
KATONAH__115KV_46KV_TB4 355592	19.61 0.76 0.00	17.59 0.64 0.00	18.93 0.61 0.00	17.62 0.63 0.00	19.04 0.55 0.00	23.32 0.71 0.00	29.73 1.45 0.00	47.98 2.59 0.00	185.18 8.90 0.00	20.48 0.84 0.00	17.19 0.61 0.00	10.17 0.38 0.00	4.97 0.17 0.00	6.65 0.24 0.00	10.80 0.45 0.00	13.63 0.62 0.00	13.75 0.66 0.00	17.85 0.76 0.00	26.19 0.97 0.00	25.01 1.06 0.00	22.29 0.80 0.00	20.91 0.68 0.00	22.43 0.66 0.00	19.42 0.41 0.00
KCE_NY_1 323755	19.51 0.66 0.00	17.51 0.56 0.00	18.89 0.57 0.00	17.56 0.57 0.00	19.03 0.55 0.00	23.38 0.77 0.00	29.53 1.25 0.00	47.74 2.34 0.00	184.02 7.74 0.00	20.17 0.54 0.00	16.89 0.31 0.00	10.01 0.22 0.00	4.89 0.09 0.00	6.54 0.13 0.00	10.57 0.21 0.00	13.37 0.35 0.00	13.48 0.38 0.00	17.66 0.58 0.00	26.22 1.00 0.00	24.99 1.04 0.00	22.36 0.86 0.00	21.00 0.77 0.00	22.47 0.70 0.00	19.46 0.45 0.00
KCE_NY_6_ESR 323823	17.45 -1.40 0.00	15.73 -1.23 0.00	17.19 -1.13 0.00	15.98 -1.01 0.00	17.56 -0.92 0.00	21.31 -1.31 0.00	26.56 -1.71 0.00	42.57 -2.83 0.00	166.80 -9.48 0.00	18.73 -0.91 0.00	16.23 -0.35 0.00	9.45 -0.34 0.00	4.73 -0.07 0.00	6.25 -0.16 0.00	10.05 -0.30 0.00	12.45 -0.57 0.00	12.54 -0.56 0.00	16.38 -0.71 0.00	24.12 -1.10 0.00	22.55 -1.40 0.00	19.91 -1.59 0.00	18.61 -1.62 0.00	20.12 -1.65 0.00	17.68 -1.32 0.00
KEDC_PORT_JEFF_GT2 24210	19.96 1.11 0.00	17.85 0.89 0.00	19.14 0.82 0.00	17.86 0.87 0.00	19.18 0.70 0.00	23.58 0.97 0.00	30.23 1.95 0.00	48.41 3.02 0.00	187.14 10.86 0.00	20.71 1.08 0.00	17.16 0.58 0.00	10.07 0.28 0.00	4.90 0.11 0.00	6.53 0.11 0.00	10.61 0.25 0.00	13.61 0.59 0.00	14.08 0.98 0.00	18.09 1.01 0.00	26.45 1.23 0.00	25.32 1.37 0.00	22.48 0.99 0.00	21.00 0.77 0.00	22.62 0.85 0.00	19.57 0.57 0.00
KEDC_PORT_JEFF_GT3 24211	19.96 1.11 0.00	17.85 0.89 0.00	19.14 0.82 0.00	17.86 0.87 0.00	19.18 0.70 0.00	23.58 0.97 0.00	30.23 1.95 0.00	48.41 3.02 0.00	187.14 10.86 0.00	20.71 1.08 0.00	17.16 0.58 0.00	10.07 0.28 0.00	4.90 0.11 0.00	6.53 0.11 0.00	10.61 0.25 0.00	13.61 0.59 0.00	14.08 0.98 0.00	18.09 1.01 0.00	26.45 1.23 0.00	25.32 1.37 0.00	22.48 0.99 0.00	21.00 0.77 0.00	22.62 0.85 0.00	19.57 0.57 0.00
KEDC_GLWD_GT4 24219	19.91 1.06 0.00	17.84 0.88 0.00	19.15 0.83 0.00	17.83 0.84 0.00	19.23 0.74 0.00	23.61 1.00 0.00	30.22 1.94 0.00	48.31 2.91 0.00	187.15 10.87 0.00	20.77 1.14 0.00	17.40 0.82 0.00	10.27 0.47 0.00	5.02 0.22 0.00	6.70 0.29 0.00	10.88 0.53 0.00	13.80 0.79 0.00	14.03 0.93 0.00	18.15 1.06 0.00	26.54 1.33 0.00	25.18 1.22 0.00	22.56 1.07 0.00	21.13 0.90 0.00	22.70 0.93 0.00	19.64 0.63 0.00
KEDC_GLWD_GT5 24220	19.91 1.06 0.00	17.84 0.88 0.00	19.15 0.83 0.00	17.83 0.84 0.00	19.23 0.74 0.00	23.61 1.00 0.00	30.22 1.94 0.00	48.31 2.91 0.00	187.15 10.87 0.00	20.77 1.14 0.00	17.40 0.82 0.00	10.27 0.47 0.00	5.02 0.22 0.00	6.70 0.29 0.00	10.88 0.53 0.00	13.80 0.79 0.00	14.03 0.93 0.00	18.15 1.06 0.00	26.54 1.33 0.00	25.18 1.22 0.00	22.56 1.07 0.00	21.13 0.90 0.00	22.70 0.93 0.00	19.64 0.63 0.00
KENSICO____ 23655	19.55 0.70 0.00	17.54 0.58 0.00	18.85 0.54 0.00	17.56 0.57 0.00	18.97 0.49 0.00	23.23 0.62 0.00	29.63 1.36 0.00	47.81 2.42 0.00	184.47 8.20 0.00	20.42 0.78 0.00	17.14 0.56 0.00	10.15 0.36 0.00	4.96 0.16 0.00	6.64 0.23 0.00	10.79 0.44 0.00	13.61 0.60 0.00	13.74 0.64 0.00	17.82 0.73 0.00	26.11 0.90 0.00	24.93 0.98 0.00	22.21 0.72 0.00	20.83 0.60 0.00	22.34 0.57 0.00	19.36 0.36 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	19.76 0.90 0.00	17.72 0.76 0.00	19.06 0.75 0.00	17.74 0.75 0.00	19.19 0.71 0.00	23.51 0.89 0.00	29.97 1.70 0.00	48.39 2.99 0.00	186.72 10.44 0.00	20.54 0.91 0.00	17.18 0.60 0.00	10.13 0.34 0.00	4.95 0.15 0.00	6.62 0.21 0.00	10.75 0.40 0.00	13.57 0.56 0.00	13.70 0.60 0.00	17.87 0.78 0.00	26.37 1.16 0.00	25.25 1.30 0.00	22.52 1.02 0.00	21.10 0.87 0.00	22.63 0.86 0.00	19.60 0.60 0.00



KLAC_JFK_GT1 23816	19.72 0.87 0.00	17.69 0.73 0.00	19.00 0.68 0.00	17.69 0.70 0.00	19.11 0.63 0.00	23.36 0.75 0.00	29.80 1.52 0.00	48.19 2.79 0.00	186.07 9.80 0.00	20.64 1.01 0.00	17.34 0.76 0.00	10.27 0.48 0.00	5.02 0.22 0.00	6.72 0.31 0.00	10.95 0.59 0.00	13.78 0.77 0.00	13.91 0.81 0.00	18.03 0.94 0.00	26.30 1.08 0.00	25.07 1.12 0.00	22.35 0.85 0.00	20.99 0.76 0.00	22.48 0.71 0.00	19.48 0.47 0.00
KIAC_JFK_GT2 23817	19.72 0.87 0.00	17.69 0.73 0.00	19.00 0.68 0.00	17.69 0.70 0.00	19.11 0.63 0.00	23.36 0.75 0.00	29.80 1.52 0.00	48.19 2.79 0.00	186.07 9.80 0.00	20.64 1.01 0.00	17.34 0.76 0.00	10.27 0.48 0.00	5.02 0.22 0.00	6.72 0.31 0.00	10.95 0.59 0.00	13.78 0.77 0.00	13.91 0.81 0.00	18.03 0.94 0.00	26.30 1.08 0.00	25.07 1.12 0.00	22.35 0.85 0.00	20.99 0.76 0.00	22.48 0.71 0.00	19.48 0.47 0.00
KIAC_JFK____ 323774	19.72 0.87 0.00	17.69 0.73 0.00	18.99 0.68 0.00	17.69 0.70 0.00	19.11 0.63 0.00	23.36 0.75 0.00	29.80 1.52 0.00	48.19 2.79 0.00	186.07 9.79 0.00	20.63 1.00 0.00	17.34 0.76 0.00	10.27 0.48 0.00	5.02 0.22 0.00	6.72 0.31 0.00	10.95 0.59 0.00	13.78 0.77 0.00	13.91 0.81 0.00	18.03 0.95 0.00	26.30 1.09 0.00	25.07 1.12 0.00	22.35 0.85 0.00	20.99 0.76 0.00	22.48 0.71 0.00	19.48 0.47 0.00
KINTIGH____ 23543	17.27 -1.58 0.00	15.60 -1.35 0.00	17.04 -1.28 0.00	15.83 -1.17 0.00	17.37 -1.11 0.00	21.07 -1.55 0.00	26.19 -2.09 0.00	41.84 -3.56 0.00	163.86 -12.41 0.00	18.31 -1.33 0.00	15.86 -0.72 0.00	9.27 -0.51 0.00	4.62 -0.18 0.00	6.12 -0.29 0.00	9.86 -0.50 0.00	12.21 -0.80 0.00	12.30 -0.80 0.00	16.04 -1.05 0.00	23.58 -1.63 0.00	22.11 -1.84 0.00	19.56 -1.93 0.00	18.35 -1.89 0.00	19.83 -1.94 0.00	17.47 -1.54 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	-21.48 -0.48 39.84	-10.10 -0.38 26.67	-4.72 -0.38 22.65	16.64 -0.35 0.00	18.24 -0.24 0.00	22.56 -0.05 0.00	28.04 -0.24 0.00	43.92 -1.48 0.00	172.95 -3.32 0.00	19.59 -0.04 0.00	16.43 -0.15 0.00	9.72 -0.07 0.00	4.74 -0.06 0.00	6.30 -0.11 0.00	10.05 -0.31 0.00	12.67 -0.34 0.00	12.81 -0.28 0.00	16.97 -0.11 0.00	25.66 0.44 0.00	24.53 0.58 0.00	22.15 0.66 0.00	21.03 0.80 0.00	22.65 0.88 0.00	19.83 0.83 0.00
LACHUTE____HYDRO 323717	19.99 1.14 0.00	17.94 0.98 0.00	19.36 1.04 0.00	18.03 1.04 0.00	19.48 1.00 0.00	24.09 1.48 0.00	30.71 2.44 0.00	50.93 5.54 0.00	194.76 18.48 0.00	20.95 1.31 0.00	17.16 0.58 0.00	10.16 0.37 0.00	4.96 0.16 0.00	6.61 0.20 0.00	10.71 0.36 0.00	13.72 0.71 0.00	13.91 0.81 0.00	18.52 1.43 0.00	27.58 2.36 0.00	26.42 2.47 0.00	23.56 2.07 0.00	22.02 1.79 0.00	23.31 1.54 0.00	19.93 0.93 0.00
LAWRNCV_115KV_TB1 80681	23.36 -0.53 -5.04	19.93 -0.40 -3.37	20.83 -0.35 -2.86	16.53 -0.46 0.00	18.14 -0.34 0.00	22.38 -0.23 0.00	27.57 -0.71 0.00	43.76 -1.63 0.00	171.13 -5.15 0.00	19.21 -0.43 0.00	16.16 -0.42 0.00	9.54 -0.25 0.00	4.66 -0.14 0.00	6.21 -0.20 0.00	9.97 -0.39 0.00	12.47 -0.54 0.00	12.57 -0.53 0.00	16.52 -0.57 0.00	24.70 -0.52 0.00	23.49 -0.46 0.00	21.28 -0.22 0.00	20.08 -0.15 0.00	21.64 -0.13 0.00	18.94 -0.06 0.00
LEDERLE____ 23769	19.60 0.75 0.00	17.57 0.61 0.00	18.90 0.58 0.00	17.60 0.62 0.00	19.03 0.55 0.00	23.32 0.70 0.00	29.73 1.46 0.00	47.98 2.58 0.00	185.15 8.88 0.00	20.46 0.82 0.00	17.18 0.60 0.00	10.17 0.38 0.00	4.97 0.17 0.00	6.66 0.25 0.00	10.82 0.47 0.00	13.65 0.64 0.00	13.76 0.67 0.00	17.86 0.77 0.00	26.21 0.99 0.00	25.00 1.05 0.00	22.28 0.78 0.00	20.88 0.65 0.00	22.41 0.63 0.00	19.42 0.41 0.00
LIGHTHSE_115KV_TB6 355974	18.15 -0.71 0.00	16.32 -0.64 0.00	17.73 -0.58 0.00	16.55 -0.44 0.00	18.06 -0.43 0.00	22.14 -0.47 0.00	27.72 -0.55 0.00	44.67 -0.72 0.00	173.03 -3.25 0.00	19.12 -0.51 0.00	16.15 -0.43 0.00	9.48 -0.31 0.00	4.65 -0.15 0.00	6.19 -0.22 0.00	9.95 -0.41 0.00	12.45 -0.56 0.00	12.57 -0.53 0.00	16.53 -0.56 0.00	24.66 -0.55 0.00	23.58 -0.37 0.00	21.00 -0.50 0.00	19.70 -0.53 0.00	21.25 -0.53 0.00	18.67 -0.33 0.00
LINDEN COGEN____ 23786	19.46 0.61 0.00	17.46 0.51 0.00	18.76 0.44 0.00	17.48 0.49 0.00	18.87 0.39 0.00	23.10 0.49 0.00	29.55 1.28 0.00	47.67 2.27 0.00	184.09 7.82 0.00	20.37 0.74 0.00	17.10 0.52 0.00	10.13 0.34 0.00	4.96 0.15 0.00	6.63 0.23 0.00	10.80 0.45 0.00	13.61 0.60 0.00	13.73 0.63 0.00	17.79 0.71 0.00	26.01 0.79 0.00	24.82 0.87 0.00	22.11 0.62 0.00	20.73 0.50 0.00	22.22 0.45 0.00	19.26 0.25 0.00
LINDHRST_69_KV_BK1 356055	19.98 1.13 0.00	17.88 0.92 0.00	19.19 0.88 0.00	17.88 0.89 0.00	19.26 0.78 0.00	23.68 1.07 0.00	30.34 2.07 0.00	48.64 3.25 0.00	187.66 11.39 0.00	20.81 1.18 0.00	17.37 0.79 0.00	10.22 0.43 0.00	4.98 0.18 0.00	6.65 0.24 0.00	10.81 0.45 0.00	13.76 0.75 0.00	14.06 0.97 0.00	18.16 1.08 0.00	26.59 1.37 0.00	25.44 1.49 0.00	22.60 1.11 0.00	21.13 0.90 0.00	22.74 0.97 0.00	19.68 0.67 0.00
LIPA_MISC_IPP 23656	19.87 1.02 0.00	17.77 0.81 0.00	19.07 0.75 0.00	17.81 0.82 0.00	19.13 0.65 0.00	23.51 0.90 0.00	30.15 1.87 0.00	48.28 2.89 0.00	186.86 10.58 0.00	20.76 1.13 0.00	17.16 0.58 0.00	10.06 0.27 0.00	4.90 0.10 0.00	6.51 0.10 0.00	10.58 0.22 0.00	13.56 0.55 0.00	14.07 0.97 0.00	18.02 0.93 0.00	26.34 1.13 0.00	25.23 1.28 0.00	22.39 0.90 0.00	20.91 0.68 0.00	22.52 0.75 0.00	19.51 0.50 0.00
LISF____SOLAR 323691	19.90 1.05 0.00	17.79 0.84 0.00	19.09 0.77 0.00	17.84 0.85 0.00	19.16 0.67 0.00	23.55 0.94 0.00	30.21 1.93 0.00	48.37 2.98 0.00	187.20 10.92 0.00	20.78 1.15 0.00	17.16 0.58 0.00	10.06 0.27 0.00	4.90 0.10 0.00	6.51 0.09 0.00	10.58 0.22 0.00	13.57 0.56 0.00	14.08 0.99 0.00	18.05 0.97 0.00	26.39 1.17 0.00	25.27 1.33 0.00	22.44 0.95 0.00	20.95 0.72 0.00	22.56 0.79 0.00	19.54 0.54 0.00
LITTLE FALLS____HYD 24013	18.58 -0.27 0.00	16.63 -0.33 0.00	17.94 -0.38 0.00	16.73 -0.27 0.00	18.10 -0.38 0.00	22.19 -0.42 0.00	28.27 0.00 0.00	45.97 0.57 0.00	177.15 0.87 0.00	19.26 -0.37 0.00	16.08 -0.49 0.00	9.48 -0.31 0.00	4.65 -0.15 0.00	6.21 -0.20 0.00	10.05 -0.30 0.00	12.68 -0.33 0.00	12.77 -0.33 0.00	16.72 -0.37 0.00	24.86 -0.35 0.00	23.86 -0.09 0.00	21.31 -0.18 0.00	20.08 -0.15 0.00	21.56 -0.22 0.00	18.62 -0.39 0.00
LITTLRIV_115KV_TB1 356100	24.16 -0.26 -5.58	20.52 -0.17 -3.73	21.38 -0.10 -3.17	16.74 -0.24 0.00	18.38 -0.10 0.00	22.70 0.09 0.00	28.00 -0.28 0.00	44.44 -0.95 0.00	173.65 -2.63 0.00	19.39 -0.24 0.00	16.29 -0.29 0.00	9.60 -0.19 0.00	4.69 -0.11 0.00	6.25 -0.16 0.00	10.04 -0.32 0.00	12.55 -0.46 0.00	12.66 -0.44 0.00	16.66 -0.42 0.00	25.02 -0.19 0.00	23.84 -0.11 0.00	21.61 0.12 0.00	20.39 0.16 0.00	21.96 0.19 0.00	19.20 0.20 0.00



LI_NEWBRDGE___DRP 323616	19.69 0.84 0.00	17.64 0.68 0.00	18.93 0.61 0.00	17.64 0.65 0.00	19.01 0.53 0.00	23.34 0.72 0.00	29.84 1.57 0.00	47.89 2.50 0.00	184.77 8.49 0.00	20.51 0.88 0.00	17.17 0.59 0.00	10.13 0.34 0.00	4.95 0.15 0.00	6.60 0.19 0.00	10.74 0.39 0.00	13.62 0.61 0.00	13.86 0.76 0.00	17.91 0.83 0.00	26.19 0.98 0.00	25.02 1.07 0.00	22.26 0.77 0.00	20.85 0.61 0.00	22.43 0.66 0.00	19.42 0.41 0.00
LOCKPORT_115KV_TB60_63_64 80432	17.10 -1.75 0.00	15.46 -1.50 0.00	16.93 -1.39 0.00	15.72 -1.27 0.00	17.30 -1.18 0.00	20.95 -1.66 0.00	26.02 -2.26 0.00	41.50 -3.90 0.00	162.97 -13.30 0.00	18.27 -1.37 0.00	15.88 -0.70 0.00	9.25 -0.53 0.00	4.63 -0.17 0.00	6.10 -0.31 0.00	9.81 -0.55 0.00	12.12 -0.90 0.00	12.22 -0.88 0.00	15.96 -1.13 0.00	23.48 -1.73 0.00	21.96 -1.99 0.00	19.38 -2.11 0.00	18.16 -2.08 0.00	19.63 -2.14 0.00	17.32 -1.69 0.00
LOCKPORT___CC1 323769	17.09 -1.76 0.00	15.44 -1.51 0.00	16.90 -1.42 0.00	15.71 -1.28 0.00	17.28 -1.20 0.00	20.94 -1.68 0.00	26.00 -2.28 0.00	41.46 -3.94 0.00	162.80 -13.48 0.00	18.26 -1.37 0.00	15.87 -0.71 0.00	9.25 -0.53 0.00	4.63 -0.17 0.00	6.10 -0.31 0.00	9.82 -0.55 0.00	12.12 -0.89 0.00	12.23 -0.87 0.00	15.96 -1.13 0.00	23.47 -1.74 0.00	21.94 -2.01 0.00	19.37 -2.13 0.00	18.14 -2.09 0.00	19.61 -2.16 0.00	17.31 -1.70 0.00
LOCKPORT___CC2 323770	17.09 -1.76 0.00	15.44 -1.51 0.00	16.90 -1.42 0.00	15.71 -1.28 0.00	17.28 -1.20 0.00	20.94 -1.68 0.00	26.00 -2.28 0.00	41.46 -3.94 0.00	162.80 -13.48 0.00	18.26 -1.37 0.00	15.87 -0.71 0.00	9.25 -0.53 0.00	4.63 -0.17 0.00	6.10 -0.31 0.00	9.82 -0.55 0.00	12.12 -0.89 0.00	12.23 -0.87 0.00	15.96 -1.13 0.00	23.47 -1.74 0.00	21.94 -2.01 0.00	19.37 -2.13 0.00	18.14 -2.09 0.00	19.61 -2.16 0.00	17.31 -1.70 0.00
LOCKPORT___CC3 323771	17.09 -1.76 0.00	15.44 -1.51 0.00	16.90 -1.42 0.00	15.71 -1.28 0.00	17.28 -1.20 0.00	20.94 -1.68 0.00	26.00 -2.28 0.00	41.46 -3.94 0.00	162.80 -13.48 0.00	18.26 -1.37 0.00	15.87 -0.71 0.00	9.25 -0.53 0.00	4.63 -0.17 0.00	6.10 -0.31 0.00	9.82 -0.55 0.00	12.12 -0.89 0.00	12.23 -0.87 0.00	15.96 -1.13 0.00	23.47 -1.74 0.00	21.94 -2.01 0.00	19.37 -2.13 0.00	18.14 -2.09 0.00	19.61 -2.16 0.00	17.31 -1.70 0.00
LONG_LAKE_PHOENIX 24014	18.47 -0.39 0.00	16.58 -0.38 0.00	17.93 -0.39 0.00	16.68 -0.31 0.00	18.14 -0.34 0.00	22.15 -0.46 0.00	27.70 -0.58 0.00	44.59 -0.80 0.00	172.79 -3.48 0.00	19.18 -0.45 0.00	16.27 -0.31 0.00	9.57 -0.22 0.00	4.71 -0.09 0.00	6.28 -0.13 0.00	10.13 -0.23 0.00	12.70 -0.31 0.00	12.81 -0.29 0.00	16.76 -0.33 0.00	24.70 -0.52 0.00	23.50 -0.45 0.00	20.98 -0.52 0.00	19.70 -0.54 0.00	21.21 -0.56 0.00	18.62 -0.39 0.00
LOVETT___3 23632	19.51 0.66 0.00	17.49 0.54 0.00	18.82 0.50 0.00	17.53 0.54 0.00	18.94 0.46 0.00	23.20 0.59 0.00	29.58 1.31 0.00	47.71 2.32 0.00	184.10 7.83 0.00	20.34 0.71 0.00	17.08 0.51 0.00	10.11 0.33 0.00	4.95 0.15 0.00	6.62 0.21 0.00	10.76 0.41 0.00	13.57 0.56 0.00	13.69 0.59 0.00	17.76 0.67 0.00	26.06 0.84 0.00	24.86 0.91 0.00	22.15 0.66 0.00	20.77 0.54 0.00	22.29 0.52 0.00	19.32 0.32 0.00
LOVETT___4 23642	19.51 0.66 0.00	17.49 0.54 0.00	18.82 0.50 0.00	17.53 0.54 0.00	18.94 0.46 0.00	23.20 0.59 0.00	29.58 1.31 0.00	47.71 2.32 0.00	184.10 7.83 0.00	20.34 0.71 0.00	17.08 0.51 0.00	10.11 0.33 0.00	4.95 0.15 0.00	6.62 0.21 0.00	10.76 0.41 0.00	13.57 0.56 0.00	13.69 0.59 0.00	17.76 0.67 0.00	26.06 0.84 0.00	24.86 0.91 0.00	22.15 0.66 0.00	20.77 0.54 0.00	22.29 0.52 0.00	19.32 0.32 0.00
LOVETT___5 23593	19.51 0.66 0.00	17.49 0.54 0.00	18.82 0.50 0.00	17.53 0.54 0.00	18.94 0.46 0.00	23.20 0.59 0.00	29.58 1.31 0.00	47.71 2.32 0.00	184.10 7.83 0.00	20.34 0.71 0.00	17.08 0.51 0.00	10.11 0.33 0.00	4.95 0.15 0.00	6.62 0.21 0.00	10.76 0.41 0.00	13.57 0.56 0.00	13.69 0.59 0.00	17.76 0.67 0.00	26.06 0.84 0.00	24.86 0.91 0.00	22.15 0.66 0.00	20.77 0.54 0.00	22.29 0.52 0.00	19.32 0.32 0.00
LOWER RAQUET___HYD 24057	24.28 -0.66 -6.08	20.52 -0.51 -4.07	21.32 -0.45 -3.46	16.43 -0.56 0.00	18.03 -0.45 0.00	22.27 -0.34 0.00	27.41 -0.86 0.00	43.53 -1.87 0.00	170.25 -6.03 0.00	19.09 -0.54 0.00	16.05 -0.53 0.00	9.47 -0.32 0.00	4.62 -0.18 0.00	6.16 -0.25 0.00	9.89 -0.47 0.00	12.36 -0.65 0.00	12.46 -0.64 0.00	16.39 -0.70 0.00	24.57 -0.64 0.00	23.38 -0.57 0.00	21.18 -0.32 0.00	19.99 -0.24 0.00	21.54 -0.23 0.00	18.85 -0.15 0.00
LOWER___HUDSON 24059	19.27 0.41 0.00	17.32 0.36 0.00	18.68 0.36 0.00	17.36 0.37 0.00	18.79 0.31 0.00	23.03 0.42 0.00	29.07 0.79 0.00	47.02 1.62 0.00	181.06 4.78 0.00	19.94 0.30 0.00	16.71 0.13 0.00	9.91 0.12 0.00	4.85 0.04 0.00	6.48 0.07 0.00	10.50 0.14 0.00	13.26 0.25 0.00	13.34 0.24 0.00	17.38 0.29 0.00	25.70 0.48 0.00	24.52 0.57 0.00	21.92 0.43 0.00	20.64 0.40 0.00	22.13 0.36 0.00	19.17 0.17 0.00
LOWVILLE_115KV_TB2 356335	19.72 -0.88 -1.74	17.42 -0.71 -1.17	18.83 -0.48 -0.99	16.73 -0.26 0.00	18.30 -0.18 0.00	22.68 0.07 0.00	28.48 0.20 0.00	45.94 0.55 0.00	178.14 1.86 0.00	19.73 0.09 0.00	16.52 -0.06 0.00	9.69 -0.10 0.00	4.71 -0.09 0.00	6.26 -0.15 0.00	10.01 -0.35 0.00	12.46 -0.55 0.00	12.60 -0.50 0.00	16.76 -0.33 0.00	25.52 0.31 0.00	24.49 0.54 0.00	21.73 0.24 0.00	20.38 0.14 0.00	22.03 0.26 0.00	19.35 0.34 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	19.50 0.65 0.00	17.52 0.56 0.00	18.90 0.58 0.00	17.57 0.58 0.00	19.04 0.55 0.00	23.37 0.76 0.00	29.51 1.23 0.00	47.70 2.31 0.00	183.85 7.58 0.00	20.19 0.55 0.00	16.90 0.32 0.00	10.01 0.22 0.00	4.89 0.09 0.00	6.54 0.13 0.00	10.58 0.22 0.00	13.37 0.35 0.00	13.49 0.39 0.00	17.67 0.58 0.00	26.18 0.96 0.00	24.97 1.03 0.00	22.33 0.84 0.00	20.98 0.74 0.00	22.46 0.69 0.00	19.45 0.45 0.00
LUTHERNY_35_KV_BK2 355980	19.50 0.66 0.00	17.51 0.56 0.00	18.89 0.57 0.00	17.56 0.57 0.00	19.03 0.55 0.00	23.38 0.77 0.00	29.53 1.25 0.00	47.74 2.34 0.00	184.02 7.74 0.00	20.18 0.54 0.00	16.89 0.31 0.00	10.01 0.22 0.00	4.89 0.09 0.00	6.54 0.13 0.00	10.57 0.21 0.00	13.37 0.35 0.00	13.48 0.38 0.00	17.67 0.58 0.00	26.22 1.00 0.00	24.99 1.04 0.00	22.36 0.87 0.00	21.00 0.77 0.00	22.47 0.70 0.00	19.46 0.45 0.00
LWR___OSWEGATCHIE_HYD 23850	21.98 -1.01 -4.13	18.89 -0.83 -2.77	19.95 -0.72 -2.35	16.35 -0.64 0.00	17.92 -0.56 0.00	22.18 -0.43 0.00	27.56 -0.71 0.00	44.16 -1.23 0.00	171.89 -4.39 0.00	19.11 -0.53 0.00	16.02 -0.56 0.00	9.42 -0.37 0.00	4.59 -0.21 0.00	6.11 -0.30 0.00	9.79 -0.57 0.00	12.21 -0.80 0.00	12.33 -0.77 0.00	16.30 -0.79 0.00	24.65 -0.57 0.00	23.57 -0.38 0.00	21.13 -0.36 0.00	19.89 -0.35 0.00	21.46 -0.31 0.00	18.82 -0.18 0.00



LYONS_FALL_HYD 23570	19.62 -0.39 -1.16	17.43 -0.31 -0.77	18.83 -0.15 -0.66	16.97 -0.02 0.00	18.52 0.04 0.00	22.87 0.25 0.00	28.74 0.46 0.00	46.36 0.96 0.00	179.72 3.44 0.00	19.99 0.35 0.00	16.76 0.19 0.00	9.85 0.06 0.00	4.80 -0.01 0.00	6.37 -0.04 0.00	10.23 -0.12 0.00	12.77 -0.24 0.00	12.91 -0.19 0.00	17.12 0.03 0.00	25.88 0.66 0.00	24.76 0.82 0.00	22.03 0.54 0.00	20.67 0.43 0.00	22.28 0.51 0.00	19.51 0.51 0.00
MADISON___COUNTY_LFGE 323628	19.14 0.29 0.00	17.20 0.24 0.00	18.64 0.33 0.00	17.33 0.34 0.00	18.88 0.40 0.00	23.17 0.56 0.00	29.17 0.89 0.00	47.21 1.82 0.00	182.98 6.70 0.00	19.87 0.23 0.00	16.72 0.14 0.00	9.86 0.07 0.00	4.83 0.03 0.00	6.45 0.04 0.00	10.43 0.07 0.00	13.09 0.08 0.00	13.20 0.11 0.00	17.33 0.25 0.00	25.88 0.66 0.00	24.82 0.87 0.00	22.15 0.66 0.00	20.81 0.58 0.00	22.35 0.58 0.00	19.49 0.48 0.00
MALONE___115KV_TB1 356076	45.40 -0.49 -27.03	34.68 -0.38 -18.10	33.32 -0.37 -15.37	16.60 -0.39 0.00	18.23 -0.25 0.00	22.57 -0.04 0.00	27.95 -0.32 0.00	44.02 -1.37 0.00	173.07 -3.20 0.00	19.55 -0.08 0.00	16.41 -0.17 0.00	9.68 -0.10 0.00	4.73 -0.07 0.00	6.29 -0.12 0.00	10.03 -0.33 0.00	12.62 -0.39 0.00	12.74 -0.36 0.00	16.84 -0.25 0.00	25.42 0.21 0.00	24.27 0.32 0.00	21.97 0.48 0.00	20.83 0.60 0.00	22.44 0.67 0.00	19.64 0.64 0.00
MAPLEWOD_115KV_TB3 80458	19.37 0.52 0.00	17.41 0.45 0.00	18.78 0.46 0.00	17.45 0.46 0.00	18.89 0.41 0.00	23.14 0.53 0.00	29.19 0.92 0.00	47.20 1.80 0.00	181.88 5.60 0.00	20.06 0.43 0.00	16.85 0.27 0.00	9.99 0.20 0.00	4.89 0.09 0.00	6.53 0.12 0.00	10.59 0.22 0.00	13.35 0.34 0.00	13.43 0.33 0.00	17.49 0.41 0.00	25.84 0.62 0.00	24.66 0.71 0.00	22.02 0.52 0.00	20.72 0.49 0.00	22.25 0.48 0.00	19.29 0.28 0.00
MAPLE_RIDGE_WT_1 323574	18.36 -0.49 0.00	16.62 -0.34 0.00	18.05 -0.26 0.00	16.75 -0.24 0.00	18.31 -0.17 0.00	22.51 -0.11 0.00	28.08 -0.19 0.00	44.87 -0.52 0.00	174.73 -1.54 0.00	19.58 -0.06 0.00	16.48 -0.10 0.00	9.72 -0.07 0.00	4.76 -0.04 0.00	6.33 -0.08 0.00	10.18 -0.17 0.00	12.74 -0.27 0.00	12.82 -0.27 0.00	16.78 -0.30 0.00	25.03 -0.18 0.00	23.82 -0.13 0.00	21.41 -0.08 0.00	20.15 -0.08 0.00	21.74 -0.03 0.00	19.05 0.04 0.00
MAPLE_RIDGE_WT_2 323611	18.36 -0.49 0.00	16.62 -0.34 0.00	18.05 -0.26 0.00	16.75 -0.24 0.00	18.31 -0.17 0.00	22.51 -0.11 0.00	28.08 -0.19 0.00	44.87 -0.52 0.00	174.73 -1.54 0.00	19.58 -0.06 0.00	16.48 -0.10 0.00	9.72 -0.07 0.00	4.76 -0.04 0.00	6.33 -0.08 0.00	10.18 -0.17 0.00	12.74 -0.27 0.00	12.82 -0.27 0.00	16.78 -0.30 0.00	25.03 -0.18 0.00	23.82 -0.13 0.00	21.41 -0.08 0.00	20.15 -0.08 0.00	21.74 -0.03 0.00	19.05 0.04 0.00
MARBLE_RIVER_WT_PWR 323696	-21.00 -0.78 39.07	-9.85 -0.65 26.15	-4.58 -0.69 22.21	16.36 -0.63 0.00	17.96 -0.52 0.00	22.22 -0.39 0.00	27.57 -0.71 0.00	43.21 -2.19 0.00	170.14 -6.14 0.00	19.32 -0.32 0.00	16.21 -0.37 0.00	9.60 -0.19 0.00	4.69 -0.11 0.00	6.23 -0.18 0.00	9.93 -0.43 0.00	12.53 -0.48 0.00	12.66 -0.43 0.00	16.75 -0.34 0.00	25.28 0.07 0.00	24.14 0.19 0.00	21.82 0.33 0.00	20.74 0.51 0.00	22.35 0.58 0.00	19.58 0.57 0.00
MARSHVLE_115KV_TB1 80742	19.65 0.80 0.00	17.67 0.71 0.00	19.12 0.80 0.00	17.74 0.75 0.00	19.38 0.90 0.00	23.75 1.13 0.00	29.77 1.49 0.00	47.62 2.23 0.00	184.66 8.39 0.00	20.56 0.92 0.00	17.43 0.85 0.00	10.27 0.48 0.00	5.02 0.22 0.00	6.70 0.29 0.00	10.78 0.43 0.00	13.43 0.42 0.00	13.60 0.51 0.00	17.89 0.80 0.00	26.59 1.37 0.00	25.44 1.49 0.00	22.84 1.35 0.00	21.47 1.23 0.00	23.15 1.38 0.00	20.24 1.23 0.00
MARSH_HILL_WT_PWR 323713	17.59 -1.26 0.00	16.09 -0.87 0.00	17.10 -1.21 0.00	15.97 -1.02 0.00	17.78 -0.70 0.00	21.29 -1.32 0.00	27.04 -1.23 0.00	44.19 -1.21 0.00	171.88 -4.39 0.00	19.47 -0.17 0.00	16.43 -0.15 0.00	9.50 -0.29 0.00	4.68 -0.12 0.00	6.26 -0.15 0.00	10.04 -0.31 0.00	12.62 -0.39 0.00	12.70 -0.40 0.00	16.83 -0.26 0.00	25.28 0.07 0.00	24.50 0.55 0.00	21.90 0.41 0.00	20.15 -0.08 0.00	21.49 -0.28 0.00	18.09 -0.92 0.00
MCINTYRE_115KV_TB2 80467	23.65 0.04 -4.76	20.25 0.10 -3.19	21.20 0.17 -2.71	16.99 0.00 0.00	18.65 0.17 0.00	23.01 0.40 0.00	28.40 0.12 0.00	45.07 -0.32 0.00	176.01 -0.27 0.00	19.60 -0.03 0.00	16.47 -0.11 0.00	9.71 -0.08 0.00	4.75 -0.05 0.00	6.33 -0.08 0.00	10.17 -0.18 0.00	12.72 -0.29 0.00	12.82 -0.28 0.00	16.85 -0.23 0.00	25.31 0.10 0.00	24.13 0.18 0.00	21.91 0.41 0.00	20.67 0.43 0.00	22.25 0.48 0.00	19.45 0.44 0.00
MECO_____69_KV_BK1 80468	20.54 1.68 0.00	18.41 1.45 0.00	19.88 1.56 0.00	18.46 1.47 0.00	20.15 1.67 0.00	24.78 2.17 0.00	31.37 3.10 0.00	50.39 4.99 0.00	194.27 17.99 0.00	21.13 1.49 0.00	17.66 1.08 0.00	10.35 0.56 0.00	5.06 0.26 0.00	6.75 0.34 0.00	10.87 0.52 0.00	13.60 0.59 0.00	13.83 0.73 0.00	18.39 1.30 0.00	27.79 2.58 0.00	26.77 2.82 0.00	23.91 2.42 0.00	22.39 2.15 0.00	24.02 2.24 0.00	20.86 1.85 0.00
MENANDS___115KV_TB5 355628	19.34 0.49 0.00	17.38 0.43 0.00	18.75 0.43 0.00	17.43 0.44 0.00	18.87 0.38 0.00	23.09 0.48 0.00	29.14 0.86 0.00	47.10 1.70 0.00	181.45 5.18 0.00	20.03 0.40 0.00	16.83 0.25 0.00	9.98 0.19 0.00	4.88 0.08 0.00	6.53 0.12 0.00	10.58 0.22 0.00	13.35 0.34 0.00	13.42 0.33 0.00	17.47 0.38 0.00	25.77 0.56 0.00	24.58 0.64 0.00	21.96 0.47 0.00	20.66 0.43 0.00	22.20 0.43 0.00	19.24 0.24 0.00
MG INDUSTRY___DRP 24185	19.34 0.49 0.00	17.39 0.43 0.00	18.77 0.45 0.00	17.44 0.45 0.00	18.90 0.42 0.00	23.14 0.53 0.00	29.15 0.88 0.00	47.01 1.62 0.00	181.45 5.18 0.00	20.05 0.41 0.00	16.86 0.28 0.00	9.99 0.20 0.00	4.88 0.08 0.00	6.53 0.12 0.00	10.57 0.21 0.00	13.32 0.30 0.00	13.40 0.30 0.00	17.48 0.40 0.00	25.84 0.62 0.00	24.63 0.68 0.00	22.02 0.53 0.00	20.73 0.49 0.00	22.26 0.49 0.00	19.34 0.33 0.00
MID___OSWEGATCHIE_HYD 23849	21.98 -1.01 -4.13	18.89 -0.83 -2.77	19.95 -0.72 -2.35	16.35 -0.64 0.00	17.92 -0.56 0.00	22.18 -0.43 0.00	27.56 -0.71 0.00	44.16 -1.23 0.00	171.89 -4.39 0.00	19.11 -0.53 0.00	16.02 -0.56 0.00	9.42 -0.37 0.00	4.59 -0.21 0.00	6.11 -0.30 0.00	9.79 -0.57 0.00	12.21 -0.80 0.00	12.33 -0.77 0.00	16.30 -0.79 0.00	24.65 -0.57 0.00	23.57 -0.38 0.00	21.13 -0.36 0.00	19.89 -0.35 0.00	21.46 -0.31 0.00	18.82 -0.18 0.00
MID___RAQUETTE_HYD 23851	24.28 -0.66 -6.08	20.52 -0.51 -4.07	21.32 -0.45 -3.46	16.43 -0.56 0.00	18.03 -0.45 0.00	22.27 -0.34 0.00	27.41 -0.86 0.00	43.52 -1.87 0.00	170.24 -6.03 0.00	19.09 -0.54 0.00	16.05 -0.53 0.00	9.47 -0.32 0.00	4.62 -0.18 0.00	6.16 -0.25 0.00	9.89 -0.47 0.00	12.36 -0.65 0.00	12.46 -0.64 0.00	16.39 -0.70 0.00	24.57 -0.64 0.00	23.38 -0.57 0.00	21.18 -0.32 0.00	19.99 -0.24 0.00	21.54 -0.23 0.00	18.85 -0.15 0.00



MILLIKEN___1 23584	19.02 0.16 0.00	17.06 0.10 0.00	18.46 0.15 0.00	17.15 0.16 0.00	18.70 0.22 0.00	22.86 0.25 0.00	28.72 0.44 0.00	46.27 0.88 0.00	179.02 2.74 0.00	19.77 0.13 0.00	16.68 0.09 0.00	9.76 -0.03 0.00	4.81 0.00 0.00	6.40 -0.01 0.00	10.34 -0.02 0.00	12.97 -0.04 0.00	13.10 0.00 0.00	17.20 0.11 0.00	25.55 0.34 0.00	24.40 0.45 0.00	21.77 0.28 0.00	20.45 0.22 0.00	21.99 0.22 0.00	19.18 0.17 0.00
MILLIKEN___2 23585	19.02 0.16 0.00	17.06 0.10 0.00	18.46 0.15 0.00	17.15 0.16 0.00	18.70 0.22 0.00	22.86 0.25 0.00	28.72 0.44 0.00	46.27 0.88 0.00	179.02 2.74 0.00	19.77 0.13 0.00	16.68 0.09 0.00	9.76 -0.03 0.00	4.81 0.00 0.00	6.40 -0.01 0.00	10.34 -0.02 0.00	12.97 -0.04 0.00	13.10 0.00 0.00	17.20 0.11 0.00	25.55 0.34 0.00	24.40 0.45 0.00	21.77 0.28 0.00	20.45 0.22 0.00	21.99 0.22 0.00	19.18 0.17 0.00
MILLIKEN___DIESEL 23629	19.02 0.16 0.00	17.06 0.10 0.00	18.46 0.15 0.00	17.15 0.16 0.00	18.70 0.22 0.00	22.86 0.25 0.00	28.72 0.44 0.00	46.27 0.88 0.00	179.02 2.74 0.00	19.77 0.13 0.00	16.68 0.09 0.00	9.76 -0.03 0.00	4.81 0.00 0.00	6.40 -0.01 0.00	10.34 -0.02 0.00	12.97 -0.04 0.00	13.10 0.00 0.00	17.20 0.11 0.00	25.55 0.34 0.00	24.40 0.45 0.00	21.77 0.28 0.00	20.45 0.22 0.00	21.99 0.22 0.00	19.18 0.17 0.00
MILLSEAT___LFGE 323607	17.53 -1.32 0.00	15.81 -1.14 0.00	17.28 -1.04 0.00	16.06 -0.93 0.00	17.67 -0.81 0.00	21.44 -1.17 0.00	26.70 -1.58 0.00	42.69 -2.71 0.00	167.28 -9.00 0.00	18.70 -0.94 0.00	16.16 -0.41 0.00	9.40 -0.39 0.00	4.68 -0.12 0.00	6.18 -0.23 0.00	9.93 -0.43 0.00	12.28 -0.73 0.00	12.40 -0.70 0.00	16.25 -0.83 0.00	24.02 -1.19 0.00	22.54 -1.41 0.00	19.92 -1.58 0.00	18.64 -1.59 0.00	20.12 -1.65 0.00	17.72 -1.29 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	19.53 0.68 0.00	17.52 0.56 0.00	18.84 0.52 0.00	17.54 0.56 0.00	18.96 0.47 0.00	23.21 0.60 0.00	29.60 1.32 0.00	47.75 2.36 0.00	184.29 8.02 0.00	20.39 0.75 0.00	17.11 0.53 0.00	10.13 0.34 0.00	4.95 0.15 0.00	6.63 0.22 0.00	10.78 0.42 0.00	13.60 0.59 0.00	13.72 0.62 0.00	17.79 0.71 0.00	26.09 0.87 0.00	24.90 0.95 0.00	22.19 0.69 0.00	20.81 0.57 0.00	22.32 0.55 0.00	19.35 0.34 0.00
MILLWOOD_13_KV_LOAD 356217	19.58 0.72 0.00	17.56 0.60 0.00	18.88 0.56 0.00	17.58 0.59 0.00	19.00 0.51 0.00	23.26 0.65 0.00	29.67 1.39 0.00	47.88 2.48 0.00	184.81 8.53 0.00	20.44 0.80 0.00	17.16 0.57 0.00	10.16 0.37 0.00	4.97 0.17 0.00	6.65 0.24 0.00	10.80 0.44 0.00	13.62 0.62 0.00	13.75 0.65 0.00	17.84 0.75 0.00	26.16 0.94 0.00	24.97 1.02 0.00	22.25 0.76 0.00	20.86 0.63 0.00	22.38 0.60 0.00	19.39 0.38 0.00
MODEL_CITY_ENERGY 24167	16.91 -1.94 0.00	15.28 -1.68 0.00	16.73 -1.59 0.00	15.55 -1.44 0.00	17.11 -1.37 0.00	20.71 -1.91 0.00	25.68 -2.60 0.00	40.92 -4.47 0.00	160.78 -15.50 0.00	18.05 -1.58 0.00	15.69 -0.89 0.00	9.16 -0.63 0.00	4.58 -0.22 0.00	6.04 -0.37 0.00	9.71 -0.65 0.00	11.99 -1.02 0.00	12.10 -1.00 0.00	15.77 -1.31 0.00	23.17 -2.04 0.00	21.66 -2.29 0.00	19.12 -2.37 0.00	17.92 -2.32 0.00	19.38 -2.39 0.00	17.12 -1.89 0.00
MODERN_LFGE___ 323580	16.91 -1.94 0.00	15.28 -1.68 0.00	16.73 -1.59 0.00	15.55 -1.44 0.00	17.11 -1.37 0.00	20.71 -1.91 0.00	25.68 -2.60 0.00	40.92 -4.47 0.00	160.78 -15.50 0.00	18.05 -1.58 0.00	15.69 -0.89 0.00	9.16 -0.63 0.00	4.58 -0.22 0.00	6.04 -0.37 0.00	9.71 -0.65 0.00	11.99 -1.02 0.00	12.10 -1.00 0.00	15.77 -1.31 0.00	23.17 -2.04 0.00	21.66 -2.29 0.00	19.12 -2.37 0.00	17.92 -2.32 0.00	19.38 -2.39 0.00	17.12 -1.89 0.00
MOHAWK_PAPER___DRP 24187	19.37 0.52 0.00	17.41 0.45 0.00	18.78 0.46 0.00	17.45 0.46 0.00	18.89 0.41 0.00	23.14 0.53 0.00	29.19 0.92 0.00	47.20 1.80 0.00	181.88 5.60 0.00	20.06 0.43 0.00	16.85 0.27 0.00	9.99 0.20 0.00	4.89 0.09 0.00	6.53 0.12 0.00	10.59 0.22 0.00	13.35 0.34 0.00	13.43 0.33 0.00	17.49 0.41 0.00	25.84 0.62 0.00	24.66 0.71 0.00	22.02 0.52 0.00	20.72 0.49 0.00	22.25 0.48 0.00	19.29 0.28 0.00
MOHICAN___35_KV_115KV_LD 80490	19.56 0.71 0.00	17.57 0.61 0.00	18.94 0.63 0.00	17.62 0.64 0.00	19.09 0.61 0.00	23.48 0.87 0.00	29.73 1.46 0.00	48.30 2.91 0.00	185.86 9.59 0.00	20.29 0.66 0.00	16.90 0.32 0.00	10.00 0.21 0.00	4.88 0.08 0.00	6.53 0.12 0.00	10.56 0.20 0.00	13.40 0.38 0.00	13.53 0.43 0.00	17.81 0.73 0.00	26.46 1.25 0.00	25.30 1.35 0.00	22.60 1.10 0.00	21.19 0.96 0.00	22.62 0.85 0.00	19.52 0.51 0.00
MONGAUP___HYD 23641	19.38 0.53 0.00	17.39 0.43 0.00	18.72 0.40 0.00	17.41 0.42 0.00	18.84 0.36 0.00	23.07 0.46 0.00	29.14 0.86 0.00	46.99 1.59 0.00	181.34 5.07 0.00	19.92 0.28 0.00	16.67 0.09 0.00	9.85 0.06 0.00	4.82 0.02 0.00	6.45 0.04 0.00	10.46 0.10 0.00	13.20 0.19 0.00	13.33 0.23 0.00	17.40 0.32 0.00	25.71 0.49 0.00	24.59 0.64 0.00	21.94 0.45 0.00	20.58 0.35 0.00	22.10 0.33 0.00	19.29 0.28 0.00
MONTAUK___DIESEL 23721	20.35 1.50 0.00	18.19 1.23 0.00	19.52 1.21 0.00	18.25 1.26 0.00	19.62 1.14 0.00	24.14 1.53 0.00	31.04 2.77 0.00	49.73 4.34 0.00	192.45 16.17 0.00	21.30 1.67 0.00	17.54 0.96 0.00	10.26 0.47 0.00	4.98 0.17 0.00	6.54 0.13 0.00	10.61 0.25 0.00	13.59 0.58 0.00	14.16 1.06 0.00	18.15 1.06 0.00	26.66 1.44 0.00	25.69 1.74 0.00	22.77 1.28 0.00	21.11 0.88 0.00	22.65 0.88 0.00	19.60 0.60 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	17.32 -1.53 0.00	15.50 -1.46 0.00	17.22 -1.10 0.00	16.01 -0.98 0.00	17.22 -1.26 0.00	21.19 -1.42 0.00	27.12 -1.16 0.00	43.30 -2.10 0.00	169.53 -6.74 0.00	19.05 -0.58 0.00	16.59 0.01 0.00	9.62 -0.17 0.00	4.82 0.02 0.00	6.40 -0.01 0.00	10.32 -0.04 0.00	12.83 -0.18 0.00	12.90 -0.20 0.00	16.87 -0.22 0.00	24.77 -0.44 0.00	22.83 -1.12 0.00	20.07 -1.42 0.00	18.60 -1.64 0.00	20.08 -1.69 0.00	17.74 -1.27 0.00
MORTIMER_115KV_TB3 55949	17.90 -0.95 0.00	16.13 -0.82 0.00	17.56 -0.76 0.00	16.31 -0.68 0.00	17.88 -0.60 0.00	21.74 -0.87 0.00	27.12 -1.15 0.00	43.49 -1.90 0.00	169.71 -6.56 0.00	18.88 -0.75 0.00	16.25 -0.33 0.00	9.51 -0.28 0.00	4.71 -0.09 0.00	6.25 -0.16 0.00	10.07 -0.29 0.00	12.52 -0.49 0.00	12.63 -0.47 0.00	16.52 -0.57 0.00	24.36 -0.85 0.00	22.97 -0.98 0.00	20.39 -1.10 0.00	19.11 -1.12 0.00	20.60 -1.17 0.00	18.10 -0.91 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	19.59 0.73 0.00	17.57 0.61 0.00	18.88 0.56 0.00	17.59 0.60 0.00	18.99 0.51 0.00	23.25 0.63 0.00	29.69 1.41 0.00	47.93 2.54 0.00	185.01 8.73 0.00	20.50 0.86 0.00	17.20 0.62 0.00	10.19 0.40 0.00	4.98 0.18 0.00	6.67 0.26 0.00	10.84 0.49 0.00	13.68 0.67 0.00	13.81 0.71 0.00	17.89 0.80 0.00	26.17 0.95 0.00	24.97 1.02 0.00	22.25 0.76 0.00	20.86 0.63 0.00	22.37 0.60 0.00	19.38 0.37 0.00



MUNSVILLE_WIND_PWR 323609	19.89 1.04 0.00	17.73 0.77 0.00	19.57 1.26 0.00	18.06 1.07 0.00	19.83 1.35 0.00	24.42 1.81 0.00	30.94 2.67 0.00	49.75 4.36 0.00	191.20 14.92 0.00	20.74 1.11 0.00	17.31 0.73 0.00	10.10 0.31 0.00	4.96 0.16 0.00	6.59 0.19 0.00	10.52 0.15 0.00	13.17 0.16 0.00	13.41 0.31 0.00	17.92 0.84 0.00	27.16 1.94 0.00	26.00 2.05 0.00	23.24 1.75 0.00	21.86 1.63 0.00	23.49 1.72 0.00	20.44 1.43 0.00
N SALMON___HYD 24042	45.40 -0.48 -27.03	34.68 -0.38 -18.10	33.32 -0.37 -15.37	16.60 -0.39 0.00	18.23 -0.25 0.00	22.57 -0.04 0.00	27.95 -0.32 0.00	44.02 -1.37 0.00	173.07 -3.21 0.00	19.55 -0.08 0.00	16.41 -0.17 0.00	9.68 -0.10 0.00	4.73 -0.07 0.00	6.29 -0.12 0.00	10.03 -0.32 0.00	12.62 -0.39 0.00	12.74 -0.36 0.00	16.84 -0.25 0.00	25.42 0.21 0.00	24.27 0.32 0.00	21.97 0.48 0.00	20.83 0.60 0.00	22.44 0.67 0.00	19.64 0.64 0.00
N.AKRON___115KV_KNAPP 355671	17.51 -1.34 0.00	15.80 -1.16 0.00	17.28 -1.04 0.00	16.05 -0.94 0.00	17.66 -0.82 0.00	21.43 -1.18 0.00	26.68 -1.59 0.00	42.66 -2.74 0.00	167.28 -9.00 0.00	18.69 -0.95 0.00	16.17 -0.41 0.00	9.41 -0.39 0.00	4.69 -0.11 0.00	6.19 -0.23 0.00	9.94 -0.42 0.00	12.29 -0.72 0.00	12.40 -0.70 0.00	16.27 -0.82 0.00	24.02 -1.19 0.00	22.53 -1.42 0.00	19.90 -1.59 0.00	18.63 -1.60 0.00	20.11 -1.67 0.00	17.71 -1.30 0.00
N.BELMOR_69_KV_BK1 55787	19.84 0.99 0.00	17.76 0.81 0.00	19.06 0.75 0.00	17.76 0.77 0.00	19.14 0.66 0.00	23.50 0.89 0.00	30.09 1.82 0.00	48.29 2.90 0.00	185.74 9.46 0.00	20.67 1.03 0.00	17.30 0.72 0.00	10.20 0.41 0.00	4.98 0.18 0.00	6.64 0.23 0.00	10.80 0.45 0.00	13.71 0.70 0.00	13.95 0.85 0.00	18.05 0.96 0.00	26.41 1.20 0.00	25.23 1.28 0.00	22.47 0.98 0.00	21.03 0.79 0.00	22.61 0.84 0.00	19.57 0.56 0.00
N.E._GEN_SANDY PD 24062	19.24 0.39 0.00	17.29 0.33 0.00	18.63 0.31 0.00	17.33 0.34 0.00	18.70 0.23 0.02	22.90 0.28 0.00	26.84 0.72 2.16	45.21 1.54 1.72	180.80 4.35 -0.18	19.99 0.30 -0.05	16.72 0.14 0.00	9.92 0.13 0.00	4.85 0.05 0.00	6.49 0.08 0.00	10.54 0.17 0.00	13.32 0.30 0.00	13.39 0.29 0.00	17.55 0.30 -0.16	25.61 0.39 0.00	24.46 0.51 0.00	21.57 0.35 0.27	20.83 0.32 -0.28	21.87 0.29 0.19	19.10 0.09 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	19.54 0.69 0.00	17.52 0.57 0.00	18.84 0.53 0.00	17.56 0.57 0.00	18.97 0.49 0.00	23.24 0.63 0.00	29.64 1.37 0.00	47.81 2.41 0.00	184.47 8.19 0.00	20.38 0.75 0.00	17.12 0.54 0.00	10.13 0.34 0.00	4.96 0.15 0.00	6.63 0.22 0.00	10.78 0.43 0.00	13.60 0.59 0.00	13.71 0.62 0.00	17.79 0.71 0.00	26.11 0.89 0.00	24.91 0.96 0.00	22.19 0.70 0.00	20.81 0.58 0.00	22.33 0.56 0.00	19.36 0.35 0.00
N.QUEENS_27_KV_LOAD 356247	19.61 0.76 0.00	17.58 0.62 0.00	18.88 0.56 0.00	17.59 0.60 0.00	19.00 0.52 0.00	23.22 0.60 0.00	29.63 1.36 0.00	47.95 2.56 0.00	185.13 8.85 0.00	20.55 0.91 0.00	17.24 0.66 0.00	10.21 0.42 0.00	4.99 0.19 0.00	6.68 0.27 0.00	10.86 0.51 0.00	13.69 0.68 0.00	13.83 0.73 0.00	17.90 0.81 0.00	26.06 0.85 0.00	24.95 1.00 0.00	22.26 0.76 0.00	20.87 0.64 0.00	22.34 0.57 0.00	19.41 0.40 0.00
N.TROY___115KV_TB1 355778	19.26 0.41 0.00	17.32 0.36 0.00	18.68 0.36 0.00	17.36 0.37 0.00	18.79 0.31 0.00	23.03 0.42 0.00	29.07 0.79 0.00	47.02 1.63 0.00	181.06 4.78 0.00	19.94 0.30 0.00	16.71 0.13 0.00	9.92 0.12 0.00	4.85 0.04 0.00	6.48 0.07 0.00	10.50 0.14 0.00	13.26 0.25 0.00	13.34 0.24 0.00	17.38 0.29 0.00	25.70 0.48 0.00	24.52 0.57 0.00	21.92 0.43 0.00	20.64 0.40 0.00	22.13 0.36 0.00	19.17 0.17 0.00
NARROWS_GT1_1 24228	19.64 0.79 0.00	17.61 0.66 0.00	18.92 0.60 0.00	17.63 0.64 0.00	19.03 0.55 0.00	23.30 0.69 0.00	29.78 1.50 0.00	48.07 2.68 0.00	185.41 9.13 0.00	20.58 0.94 0.00	17.28 0.70 0.00	10.24 0.45 0.00	5.01 0.20 0.00	6.70 0.29 0.00	10.90 0.55 0.00	13.73 0.73 0.00	13.87 0.77 0.00	17.96 0.87 0.00	26.22 1.01 0.00	25.07 1.12 0.00	22.33 0.83 0.00	20.93 0.70 0.00	22.43 0.66 0.00	19.44 0.43 0.00
NARROWS_GT1_2 24229	19.64 0.79 0.00	17.61 0.66 0.00	18.92 0.60 0.00	17.63 0.64 0.00	19.03 0.55 0.00	23.30 0.69 0.00	29.78 1.50 0.00	48.07 2.68 0.00	185.41 9.13 0.00	20.58 0.94 0.00	17.28 0.70 0.00	10.24 0.45 0.00	5.01 0.20 0.00	6.70 0.29 0.00	10.90 0.55 0.00	13.73 0.73 0.00	13.87 0.77 0.00	17.96 0.87 0.00	26.22 1.01 0.00	25.07 1.12 0.00	22.33 0.83 0.00	20.93 0.70 0.00	22.43 0.66 0.00	19.44 0.43 0.00
NARROWS_GT1_3 24230	19.64 0.79 0.00	17.61 0.66 0.00	18.92 0.60 0.00	17.63 0.64 0.00	19.03 0.55 0.00	23.30 0.69 0.00	29.78 1.50 0.00	48.07 2.68 0.00	185.41 9.13 0.00	20.58 0.94 0.00	17.28 0.70 0.00	10.24 0.45 0.00	5.01 0.20 0.00	6.70 0.29 0.00	10.90 0.55 0.00	13.73 0.73 0.00	13.87 0.77 0.00	17.96 0.87 0.00	26.22 1.01 0.00	25.07 1.12 0.00	22.33 0.83 0.00	20.93 0.70 0.00	22.43 0.66 0.00	19.44 0.43 0.00
NARROWS_GT1_4 24231	19.64 0.79 0.00	17.61 0.66 0.00	18.92 0.60 0.00	17.63 0.64 0.00	19.03 0.55 0.00	23.30 0.69 0.00	29.78 1.50 0.00	48.07 2.68 0.00	185.41 9.13 0.00	20.58 0.94 0.00	17.28 0.70 0.00	10.24 0.45 0.00	5.01 0.20 0.00	6.70 0.29 0.00	10.90 0.55 0.00	13.73 0.73 0.00	13.87 0.77 0.00	17.96 0.87 0.00	26.22 1.01 0.00	25.07 1.12 0.00	22.33 0.83 0.00	20.93 0.70 0.00	22.43 0.66 0.00	19.44 0.43 0.00
NARROWS_GT1_5 24232	19.64 0.79 0.00	17.61 0.66 0.00	18.92 0.60 0.00	17.63 0.64 0.00	19.03 0.55 0.00	23.30 0.69 0.00	29.78 1.50 0.00	48.07 2.68 0.00	185.41 9.13 0.00	20.58 0.94 0.00	17.28 0.70 0.00	10.24 0.45 0.00	5.01 0.20 0.00	6.70 0.29 0.00	10.90 0.55 0.00	13.73 0.73 0.00	13.87 0.77 0.00	17.96 0.87 0.00	26.22 1.01 0.00	25.07 1.12 0.00	22.33 0.83 0.00	20.93 0.70 0.00	22.43 0.66 0.00	19.44 0.43 0.00
NARROWS_GT1_6 24233	19.64 0.79 0.00	17.61 0.66 0.00	18.92 0.60 0.00	17.63 0.64 0.00	19.03 0.55 0.00	23.30 0.69 0.00	29.78 1.50 0.00	48.07 2.68 0.00	185.41 9.13 0.00	20.58 0.94 0.00	17.28 0.70 0.00	10.24 0.45 0.00	5.01 0.20 0.00	6.70 0.29 0.00	10.90 0.55 0.00	13.73 0.73 0.00	13.87 0.77 0.00	17.96 0.87 0.00	26.22 1.01 0.00	25.07 1.12 0.00	22.33 0.83 0.00	20.93 0.70 0.00	22.43 0.66 0.00	19.44 0.43 0.00
NARROWS_GT1_7 24234	19.64 0.79 0.00	17.61 0.66 0.00	18.92 0.60 0.00	17.63 0.64 0.00	19.03 0.55 0.00	23.30 0.69 0.00	29.78 1.50 0.00	48.07 2.68 0.00	185.41 9.13 0.00	20.58 0.94 0.00	17.28 0.70 0.00	10.24 0.45 0.00	5.01 0.20 0.00	6.70 0.29 0.00	10.90 0.55 0.00	13.73 0.73 0.00	13.87 0.77 0.00	17.96 0.87 0.00	26.22 1.01 0.00	25.07 1.12 0.00	22.33 0.83 0.00	20.93 0.70 0.00	22.43 0.66 0.00	19.44 0.43 0.00



NARROWS_GT1_8 24235	19.64 0.79 0.00	17.61 0.66 0.00	18.92 0.60 0.00	17.63 0.64 0.00	19.03 0.55 0.00	23.30 0.69 0.00	29.78 1.50 0.00	48.07 2.68 0.00	185.41 9.13 0.00	20.58 0.94 0.00	17.28 0.70 0.00	10.24 0.45 0.00	5.01 0.20 0.00	6.70 0.29 0.00	10.90 0.55 0.00	13.73 0.73 0.00	13.87 0.77 0.00	17.96 0.87 0.00	26.22 1.01 0.00	25.07 1.12 0.00	22.33 0.83 0.00	20.93 0.70 0.00	22.43 0.66 0.00	19.44 0.43 0.00
NARROWS_GT2_1 24236	19.64 0.79 0.00	17.61 0.66 0.00	18.92 0.60 0.00	17.63 0.64 0.00	19.03 0.55 0.00	23.30 0.69 0.00	29.78 1.50 0.00	48.07 2.68 0.00	185.41 9.13 0.00	20.58 0.94 0.00	17.28 0.70 0.00	10.24 0.45 0.00	5.01 0.20 0.00	6.70 0.29 0.00	10.90 0.55 0.00	13.73 0.73 0.00	13.87 0.77 0.00	17.96 0.87 0.00	26.22 1.01 0.00	25.07 1.12 0.00	22.33 0.83 0.00	20.93 0.70 0.00	22.43 0.66 0.00	19.44 0.43 0.00
NARROWS_GT2_2 24237	19.64 0.79 0.00	17.61 0.66 0.00	18.92 0.60 0.00	17.63 0.64 0.00	19.03 0.55 0.00	23.30 0.69 0.00	29.78 1.50 0.00	48.07 2.68 0.00	185.41 9.13 0.00	20.58 0.94 0.00	17.28 0.70 0.00	10.24 0.45 0.00	5.01 0.20 0.00	6.70 0.29 0.00	10.90 0.55 0.00	13.73 0.73 0.00	13.87 0.77 0.00	17.96 0.87 0.00	26.22 1.01 0.00	25.07 1.12 0.00	22.33 0.83 0.00	20.93 0.70 0.00	22.43 0.66 0.00	19.44 0.43 0.00
NARROWS_GT2_3 24238	19.64 0.79 0.00	17.61 0.66 0.00	18.92 0.60 0.00	17.63 0.64 0.00	19.03 0.55 0.00	23.30 0.69 0.00	29.78 1.50 0.00	48.07 2.68 0.00	185.41 9.13 0.00	20.58 0.94 0.00	17.28 0.70 0.00	10.24 0.45 0.00	5.01 0.20 0.00	6.70 0.29 0.00	10.90 0.55 0.00	13.73 0.73 0.00	13.87 0.77 0.00	17.96 0.87 0.00	26.22 1.01 0.00	25.07 1.12 0.00	22.33 0.83 0.00	20.93 0.70 0.00	22.43 0.66 0.00	19.44 0.43 0.00
NARROWS_GT2_4 24239	19.64 0.79 0.00	17.61 0.66 0.00	18.92 0.60 0.00	17.63 0.64 0.00	19.03 0.55 0.00	23.30 0.69 0.00	29.78 1.50 0.00	48.07 2.68 0.00	185.41 9.13 0.00	20.58 0.94 0.00	17.28 0.70 0.00	10.24 0.45 0.00	5.01 0.20 0.00	6.70 0.29 0.00	10.90 0.55 0.00	13.73 0.73 0.00	13.87 0.77 0.00	17.96 0.87 0.00	26.22 1.01 0.00	25.07 1.12 0.00	22.33 0.83 0.00	20.93 0.70 0.00	22.43 0.66 0.00	19.44 0.43 0.00
NARROWS_GT2_5 24240	19.64 0.79 0.00	17.61 0.66 0.00	18.92 0.60 0.00	17.63 0.64 0.00	19.03 0.55 0.00	23.30 0.69 0.00	29.78 1.50 0.00	48.07 2.68 0.00	185.41 9.13 0.00	20.58 0.94 0.00	17.28 0.70 0.00	10.24 0.45 0.00	5.01 0.20 0.00	6.70 0.29 0.00	10.90 0.55 0.00	13.73 0.73 0.00	13.87 0.77 0.00	17.96 0.87 0.00	26.22 1.01 0.00	25.07 1.12 0.00	22.33 0.83 0.00	20.93 0.70 0.00	22.43 0.66 0.00	19.44 0.43 0.00
NARROWS_GT2_6 24241	19.64 0.79 0.00	17.61 0.66 0.00	18.92 0.60 0.00	17.63 0.64 0.00	19.03 0.55 0.00	23.30 0.69 0.00	29.78 1.50 0.00	48.07 2.68 0.00	185.41 9.13 0.00	20.58 0.94 0.00	17.28 0.70 0.00	10.24 0.45 0.00	5.01 0.20 0.00	6.70 0.29 0.00	10.90 0.55 0.00	13.73 0.73 0.00	13.87 0.77 0.00	17.96 0.87 0.00	26.22 1.01 0.00	25.07 1.12 0.00	22.33 0.83 0.00	20.93 0.70 0.00	22.43 0.66 0.00	19.44 0.43 0.00
NARROWS_GT2_7 24242	19.64 0.79 0.00	17.61 0.66 0.00	18.92 0.60 0.00	17.63 0.64 0.00	19.03 0.55 0.00	23.30 0.69 0.00	29.78 1.50 0.00	48.07 2.68 0.00	185.41 9.13 0.00	20.58 0.94 0.00	17.28 0.70 0.00	10.24 0.45 0.00	5.01 0.20 0.00	6.70 0.29 0.00	10.90 0.55 0.00	13.73 0.73 0.00	13.87 0.77 0.00	17.96 0.87 0.00	26.22 1.01 0.00	25.07 1.12 0.00	22.33 0.83 0.00	20.93 0.70 0.00	22.43 0.66 0.00	19.44 0.43 0.00
NARROWS_GT2_8 24243	19.64 0.79 0.00	17.61 0.66 0.00	18.92 0.60 0.00	17.63 0.64 0.00	19.03 0.55 0.00	23.30 0.69 0.00	29.78 1.50 0.00	48.07 2.68 0.00	185.41 9.13 0.00	20.58 0.94 0.00	17.28 0.70 0.00	10.24 0.45 0.00	5.01 0.20 0.00	6.70 0.29 0.00	10.90 0.55 0.00	13.73 0.73 0.00	13.87 0.77 0.00	17.96 0.87 0.00	26.22 1.01 0.00	25.07 1.12 0.00	22.33 0.83 0.00	20.93 0.70 0.00	22.43 0.66 0.00	19.44 0.43 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	19.81 0.96 0.00	17.80 0.84 0.00	19.21 0.90 0.00	17.86 0.87 0.00	19.37 0.89 0.00	23.75 1.14 0.00	29.97 1.69 0.00	48.48 3.08 0.00	186.81 10.54 0.00	20.56 0.92 0.00	17.21 0.63 0.00	10.17 0.38 0.00	4.96 0.16 0.00	6.62 0.21 0.00	10.70 0.35 0.00	13.50 0.49 0.00	13.61 0.52 0.00	17.90 0.82 0.00	26.65 1.44 0.00	25.53 1.59 0.00	22.83 1.33 0.00	21.45 1.21 0.00	22.98 1.21 0.00	19.91 0.90 0.00
NCHELSEA_115KV_TR2 355582	19.63 0.78 0.00	17.61 0.65 0.00	18.95 0.64 0.00	17.64 0.65 0.00	19.07 0.58 0.00	23.35 0.74 0.00	29.72 1.45 0.00	48.00 2.60 0.00	185.15 8.87 0.00	20.44 0.80 0.00	17.14 0.56 0.00	10.14 0.35 0.00	4.96 0.16 0.00	6.63 0.22 0.00	10.77 0.42 0.00	13.60 0.59 0.00	13.72 0.63 0.00	17.85 0.76 0.00	26.24 1.02 0.00	25.06 1.11 0.00	22.34 0.85 0.00	20.95 0.72 0.00	22.48 0.70 0.00	19.47 0.47 0.00
NEG CAPITAL___MECHNVIL 23645	19.50 0.65 0.00	17.52 0.56 0.00	18.90 0.58 0.00	17.57 0.58 0.00	19.03 0.55 0.00	23.36 0.75 0.00	29.51 1.24 0.00	47.74 2.34 0.00	183.85 7.57 0.00	20.21 0.58 0.00	16.92 0.34 0.00	10.03 0.24 0.00	4.90 0.10 0.00	6.55 0.14 0.00	10.58 0.22 0.00	13.38 0.36 0.00	13.51 0.41 0.00	17.68 0.59 0.00	26.17 0.95 0.00	24.98 1.03 0.00	22.35 0.85 0.00	20.99 0.76 0.00	22.44 0.67 0.00	19.44 0.43 0.00
NEG CENTRAL_HIGH_ACRES 23767	17.76 -1.09 0.00	15.99 -0.96 0.00	17.37 -0.95 0.00	16.14 -0.85 0.00	17.67 -0.81 0.00	21.53 -1.09 0.00	26.88 -1.39 0.00	43.17 -2.22 0.00	168.14 -8.14 0.00	18.68 -0.96 0.00	15.96 -0.62 0.00	9.35 -0.44 0.00	4.63 -0.18 0.00	6.14 -0.27 0.00	9.90 -0.46 0.00	12.35 -0.67 0.00	12.45 -0.64 0.00	16.31 -0.78 0.00	24.07 -1.14 0.00	22.73 -1.22 0.00	20.20 -1.29 0.00	18.94 -1.29 0.00	20.40 -1.37 0.00	17.91 -1.10 0.00
NEG CENTRAL___DRP 24199	18.56 -0.29 0.00	16.68 -0.28 0.00	18.03 -0.28 0.00	16.77 -0.22 0.00	18.32 -0.16 0.00	22.35 -0.26 0.00	28.06 -0.21 0.00	45.20 -0.20 0.00	175.05 -1.23 0.00	19.51 -0.13 0.00	16.66 0.08 0.00	9.70 -0.09 0.00	4.79 -0.01 0.00	6.39 -0.02 0.00	10.29 -0.06 0.00	12.91 -0.10 0.00	13.00 -0.10 0.00	17.08 -0.01 0.00	25.35 0.14 0.00	24.28 0.33 0.00	21.66 0.16 0.00	20.23 0.00 0.00	21.73 -0.04 0.00	18.86 -0.15 0.00
NEG CENTRAL___INDECK 23768	18.39 -0.46 0.00	16.58 -0.38 0.00	17.91 -0.40 0.00	16.67 -0.32 0.00	18.35 -0.13 0.00	22.29 -0.32 0.00	28.15 -0.13 0.00	45.65 0.25 0.00	177.32 1.05 0.00	19.65 0.02 0.00	16.57 -0.01 0.00	9.61 -0.17 0.00	4.76 -0.04 0.00	6.33 -0.08 0.00	10.17 -0.18 0.00	12.71 -0.30 0.00	12.82 -0.28 0.00	16.86 -0.22 0.00	25.24 0.02 0.00	24.35 0.40 0.00	21.73 0.24 0.00	20.16 -0.07 0.00	21.59 -0.19 0.00	18.59 -0.42 0.00



NEG CENTRAL___SENECA 23627	18.45 -0.40 0.00	16.58 -0.37 0.00	17.93 -0.39 0.00	16.69 -0.30 0.00	18.25 -0.23 0.00	22.27 -0.34 0.00	28.02 -0.25 0.00	45.14 -0.26 0.00	174.83 -1.45 0.00	19.52 -0.11 0.00	16.77 0.19 0.00	9.70 -0.09 0.00	4.80 0.00 0.00	6.41 0.00 0.00	10.32 -0.04 0.00	12.93 -0.08 0.00	13.01 -0.09 0.00	17.15 0.06 0.00	25.52 0.30 0.00	24.53 0.58 0.00	21.87 0.38 0.00	20.36 0.13 0.00	21.85 0.08 0.00	18.86 -0.14 0.00
NEG CENTRAL___STATE_STREET 24147	18.84 -0.01 0.00	16.93 -0.03 0.00	18.29 -0.03 0.00	16.99 0.01 0.00	18.56 0.08 0.00	22.64 0.02 0.00	28.29 0.01 0.00	45.51 0.11 0.00	176.24 -0.04 0.00	19.55 -0.08 0.00	16.58 0.00 0.00	9.72 -0.07 0.00	4.79 -0.01 0.00	6.38 -0.03 0.00	10.34 -0.03 0.00	12.96 -0.05 0.00	13.05 -0.04 0.00	17.08 -0.01 0.00	25.32 0.10 0.00	24.13 0.18 0.00	21.53 0.04 0.00	20.21 -0.02 0.00	21.71 -0.06 0.00	18.93 -0.08 0.00
NEG MILLWOOD___DRP 24198	19.69 0.84 0.00	17.66 0.71 0.00	19.00 0.69 0.00	17.69 0.70 0.00	19.12 0.64 0.00	23.42 0.81 0.00	29.85 1.57 0.00	48.21 2.81 0.00	186.02 9.74 0.00	20.54 0.90 0.00	17.23 0.65 0.00	10.19 0.40 0.00	4.98 0.18 0.00	6.66 0.25 0.00	10.82 0.46 0.00	13.65 0.64 0.00	13.78 0.68 0.00	17.90 0.82 0.00	26.30 1.09 0.00	25.12 1.17 0.00	22.39 0.90 0.00	21.00 0.77 0.00	22.52 0.75 0.00	19.50 0.50 0.00
NEG NORTH_FLCN_SEA 23793	-21.16 -0.58 39.43	-9.90 -0.46 26.40	-4.56 -0.47 22.42	16.57 -0.42 0.00	18.14 -0.34 0.00	22.41 -0.20 0.00	27.83 -0.45 0.00	43.43 -1.96 0.00	171.25 -5.03 0.00	19.46 -0.17 0.00	16.32 -0.26 0.00	9.67 -0.12 0.00	4.72 -0.08 0.00	6.27 -0.14 0.00	10.00 -0.36 0.00	12.61 -0.40 0.00	12.75 -0.35 0.00	16.88 -0.20 0.00	25.51 0.29 0.00	24.37 0.42 0.00	21.99 0.50 0.00	20.90 0.67 0.00	22.51 0.74 0.00	19.74 0.73 0.00
NEG NORTH_KES_CHATEGAY 23792	-23.84 -0.68 42.02	-11.72 -0.55 28.13	-6.13 -0.56 23.88	16.45 -0.54 0.00	18.05 -0.43 0.00	22.34 -0.27 0.00	27.72 -0.56 0.00	43.45 -1.94 0.00	171.16 -5.12 0.00	19.42 -0.22 0.00	16.26 -0.32 0.00	9.64 -0.15 0.00	4.71 -0.09 0.00	6.26 -0.15 0.00	9.99 -0.37 0.00	12.59 -0.42 0.00	12.72 -0.38 0.00	16.79 -0.29 0.00	25.37 0.16 0.00	24.22 0.27 0.00	21.92 0.43 0.00	20.82 0.59 0.00	22.43 0.65 0.00	19.64 0.63 0.00
NEG NORTH___ALICE_FALLS 23915	-21.48 -0.48 39.84	-10.10 -0.38 26.67	-4.72 -0.38 22.65	16.64 -0.35 0.00	18.24 -0.24 0.00	22.56 -0.05 0.00	28.04 -0.24 0.00	43.92 -1.48 0.00	172.95 -3.32 0.00	19.59 -0.04 0.00	16.43 -0.15 0.00	9.72 -0.07 0.00	4.74 -0.06 0.00	6.30 -0.11 0.00	10.05 -0.31 0.00	12.67 -0.34 0.00	12.81 -0.28 0.00	16.97 -0.11 0.00	25.66 0.44 0.00	24.53 0.58 0.00	22.15 0.66 0.00	21.03 0.80 0.00	22.65 0.88 0.00	19.83 0.83 0.00
NEG NORTH___LWR_SARANAC 23913	-21.48 -0.48 39.84	-10.10 -0.38 26.67	-4.72 -0.38 22.65	16.64 -0.35 0.00	18.24 -0.24 0.00	22.56 -0.05 0.00	28.04 -0.24 0.00	43.92 -1.48 0.00	172.95 -3.32 0.00	19.59 -0.04 0.00	16.43 -0.15 0.00	9.72 -0.07 0.00	4.74 -0.06 0.00	6.30 -0.11 0.00	10.05 -0.31 0.00	12.67 -0.34 0.00	12.81 -0.28 0.00	16.97 -0.11 0.00	25.66 0.44 0.00	24.53 0.58 0.00	22.15 0.66 0.00	21.03 0.80 0.00	22.65 0.88 0.00	19.83 0.83 0.00
NEG NORTH___PLATTSBURG 23628	-21.48 -0.48 39.84	-10.10 -0.38 26.67	-4.71 -0.38 22.65	16.64 -0.35 0.00	18.24 -0.24 0.00	22.56 -0.05 0.00	28.04 -0.24 0.00	43.92 -1.48 0.00	172.95 -3.33 0.00	19.59 -0.04 0.00	16.43 -0.15 0.00	9.72 -0.07 0.00	4.74 -0.06 0.00	6.30 -0.11 0.00	10.05 -0.31 0.00	12.67 -0.34 0.00	12.81 -0.28 0.00	16.97 -0.11 0.00	25.66 0.44 0.00	24.53 0.58 0.00	22.15 0.66 0.00	21.03 0.80 0.00	22.65 0.88 0.00	19.83 0.83 0.00
NEG WEST_LEA_LOCKPORT 23791	17.09 -1.77 0.00	15.44 -1.51 0.00	16.91 -1.41 0.00	15.71 -1.28 0.00	17.28 -1.20 0.00	20.94 -1.68 0.00	25.99 -2.28 0.00	41.46 -3.94 0.00	162.80 -13.47 0.00	18.25 -1.38 0.00	15.87 -0.71 0.00	9.25 -0.53 0.00	4.63 -0.17 0.00	6.10 -0.31 0.00	9.81 -0.55 0.00	12.12 -0.89 0.00	12.22 -0.88 0.00	15.96 -1.13 0.00	23.48 -1.74 0.00	21.94 -2.00 0.00	19.37 -2.13 0.00	18.14 -2.09 0.00	19.61 -2.16 0.00	17.31 -1.70 0.00
NEG WEST___LANCASTR 23811	18.09 -0.76 0.00	16.30 -0.66 0.00	17.80 -0.52 0.00	16.55 -0.44 0.00	18.13 -0.35 0.00	21.95 -0.66 0.00	27.39 -0.89 0.00	43.94 -1.46 0.00	171.98 -4.30 0.00	19.28 -0.36 0.00	16.69 0.11 0.00	9.71 -0.08 0.00	4.87 0.06 0.00	6.44 0.03 0.00	10.36 0.00 0.00	12.85 -0.16 0.00	12.93 -0.16 0.00	16.90 -0.19 0.00	24.86 -0.36 0.00	23.30 -0.65 0.00	20.62 -0.87 0.00	19.31 -0.93 0.00	20.88 -0.90 0.00	18.30 -0.70 0.00
NEG_PENN_ALLEGHNY 23528	18.69 -0.16 0.00	16.76 -0.20 0.00	18.13 -0.19 0.00	16.86 -0.13 0.00	18.35 -0.14 0.00	22.42 -0.19 0.00	28.26 -0.02 0.00	45.57 0.18 0.00	176.15 -0.13 0.00	19.58 -0.05 0.00	16.56 -0.02 0.00	9.69 -0.10 0.00	4.79 -0.01 0.00	6.40 -0.01 0.00	10.32 -0.04 0.00	12.95 -0.07 0.00	13.04 -0.06 0.00	17.06 -0.03 0.00	25.18 -0.03 0.00	24.00 0.05 0.00	21.42 -0.07 0.00	20.15 -0.08 0.00	21.70 -0.08 0.00	18.88 -0.12 0.00
NEG___GEN_MONROE 24207	17.96 -0.89 0.00	16.19 -0.77 0.00	17.63 -0.69 0.00	16.38 -0.61 0.00	17.97 -0.52 0.00	21.85 -0.76 0.00	27.26 -1.01 0.00	43.68 -1.71 0.00	170.57 -5.70 0.00	18.97 -0.66 0.00	16.33 -0.25 0.00	9.54 -0.25 0.00	4.73 -0.07 0.00	6.27 -0.14 0.00	10.09 -0.26 0.00	12.54 -0.48 0.00	12.65 -0.45 0.00	16.56 -0.53 0.00	24.47 -0.75 0.00	23.06 -0.88 0.00	20.46 -1.03 0.00	19.16 -1.07 0.00	20.66 -1.11 0.00	18.15 -0.86 0.00
NEPA___ENERGY 23901	17.59 -1.27 0.00	15.77 -1.19 0.00	17.22 -1.10 0.00	16.03 -0.96 0.00	17.50 -0.99 0.00	21.32 -1.30 0.00	26.83 -1.45 0.00	43.14 -2.26 0.00	167.53 -8.75 0.00	18.82 -0.82 0.00	16.21 -0.37 0.00	9.34 -0.45 0.00	4.73 -0.07 0.00	6.28 -0.13 0.00	10.09 -0.26 0.00	12.57 -0.44 0.00	12.60 -0.50 0.00	16.45 -0.63 0.00	24.19 -1.02 0.00	22.72 -1.23 0.00	20.10 -1.39 0.00	18.81 -1.43 0.00	20.34 -1.43 0.00	17.76 -1.25 0.00
NEVERSINK___HYD 23608	19.80 0.95 0.00	17.76 0.81 0.00	19.12 0.81 0.00	17.80 0.81 0.00	19.27 0.78 0.00	23.59 0.98 0.00	30.05 1.78 0.00	48.48 3.08 0.00	187.17 10.89 0.00	20.61 0.98 0.00	17.26 0.68 0.00	10.18 0.39 0.00	4.98 0.18 0.00	6.66 0.25 0.00	10.81 0.45 0.00	13.63 0.62 0.00	13.77 0.68 0.00	17.96 0.88 0.00	26.54 1.32 0.00	25.40 1.45 0.00	22.63 1.14 0.00	21.20 0.97 0.00	22.75 0.97 0.00	19.71 0.71 0.00
NEWKRMKL_115KV_TB1 55635	19.41 0.55 0.00	17.44 0.48 0.00	18.81 0.49 0.00	17.48 0.49 0.00	18.93 0.45 0.00	23.17 0.56 0.00	29.26 0.98 0.00	47.27 1.88 0.00	182.23 5.95 0.00	20.12 0.48 0.00	16.90 0.32 0.00	10.03 0.24 0.00	4.90 0.10 0.00	6.56 0.15 0.00	10.63 0.26 0.00	13.40 0.39 0.00	13.48 0.38 0.00	17.55 0.47 0.00	25.90 0.68 0.00	24.69 0.74 0.00	22.06 0.57 0.00	20.75 0.52 0.00	22.29 0.51 0.00	19.32 0.31 0.00



NEWTON___FALLS_HYD 23847	21.98 -1.01 -4.13	18.89 -0.83 -2.77	19.95 -0.72 -2.35	16.35 -0.64 0.00	17.92 -0.56 0.00	22.18 -0.43 0.00	27.56 -0.71 0.00	44.16 -1.23 0.00	171.89 -4.39 0.00	19.11 -0.53 0.00	16.02 -0.56 0.00	9.42 -0.37 0.00	4.59 -0.21 0.00	6.11 -0.30 0.00	9.79 -0.57 0.00	12.21 -0.80 0.00	12.33 -0.77 0.00	16.30 -0.79 0.00	24.65 -0.57 0.00	23.57 -0.38 0.00	21.13 -0.36 0.00	19.89 -0.35 0.00	21.46 -0.31 0.00	18.82 -0.18 0.00
NGRID_A1_DSASP 323792	16.82 -2.03 0.00	15.22 -1.74 0.00	16.67 -1.65 0.00	15.49 -1.50 0.00	17.06 -1.42 0.00	20.62 -1.99 0.00	25.52 -2.76 0.00	40.37 -5.03 0.00	158.67 -17.61 0.00	17.85 -1.79 0.00	15.54 -1.04 0.00	9.08 -0.71 0.00	4.56 -0.23 0.00	6.02 -0.39 0.00	9.68 -0.67 0.00	11.94 -1.07 0.00	11.99 -1.10 0.00	15.61 -1.47 0.00	22.89 -2.33 0.00	21.38 -2.57 0.00	18.87 -2.62 0.00	17.70 -2.53 0.00	19.16 -2.62 0.00	17.01 -2.00 0.00
NGRID_A2_DSASP 323793	16.82 -2.03 0.00	15.22 -1.74 0.00	16.67 -1.65 0.00	15.49 -1.50 0.00	17.06 -1.42 0.00	20.62 -1.99 0.00	25.52 -2.76 0.00	40.37 -5.03 0.00	158.67 -17.61 0.00	17.85 -1.79 0.00	15.54 -1.04 0.00	9.08 -0.71 0.00	4.56 -0.23 0.00	6.02 -0.39 0.00	9.68 -0.67 0.00	11.94 -1.07 0.00	11.99 -1.10 0.00	15.61 -1.47 0.00	22.89 -2.33 0.00	21.38 -2.57 0.00	18.87 -2.62 0.00	17.70 -2.53 0.00	19.16 -2.62 0.00	17.01 -2.00 0.00
NGRID_A4_DSASP 323807	16.82 -2.03 0.00	15.22 -1.74 0.00	16.67 -1.65 0.00	15.49 -1.50 0.00	17.06 -1.42 0.00	20.62 -1.99 0.00	25.52 -2.76 0.00	40.37 -5.03 0.00	158.67 -17.61 0.00	17.85 -1.79 0.00	15.54 -1.04 0.00	9.08 -0.71 0.00	4.56 -0.23 0.00	6.02 -0.39 0.00	9.68 -0.67 0.00	11.94 -1.07 0.00	11.99 -1.10 0.00	15.61 -1.47 0.00	22.89 -2.33 0.00	21.38 -2.57 0.00	18.87 -2.62 0.00	17.70 -2.53 0.00	19.16 -2.62 0.00	17.01 -2.00 0.00
NIAGARA_115E_LBMP 323715	16.79 -2.06 0.00	15.18 -1.78 0.00	16.62 -1.69 0.00	15.45 -1.54 0.00	17.01 -1.48 0.00	20.57 -2.05 0.00	25.49 -2.79 0.00	40.60 -4.80 0.00	159.47 -16.81 0.00	17.93 -1.71 0.00	15.59 -0.99 0.00	9.11 -0.69 0.00	4.55 -0.25 0.00	6.00 -0.41 0.00	9.65 -0.71 0.00	11.92 -1.09 0.00	12.03 -1.07 0.00	15.67 -1.41 0.00	23.00 -2.21 0.00	21.49 -2.46 0.00	18.97 -2.53 0.00	17.78 -2.45 0.00	19.24 -2.54 0.00	17.00 -2.01 0.00
NIAGARA_115W_LBMP 323714	16.79 -2.06 0.00	15.20 -1.76 0.00	16.63 -1.68 0.00	15.46 -1.52 0.00	17.02 -1.46 0.00	20.58 -2.03 0.00	25.46 -2.82 0.00	40.27 -5.12 0.00	158.23 -18.05 0.00	17.80 -1.84 0.00	15.49 -1.08 0.00	9.06 -0.73 0.00	4.56 -0.24 0.00	6.01 -0.40 0.00	9.67 -0.69 0.00	11.92 -1.09 0.00	11.96 -1.13 0.00	15.58 -1.51 0.00	22.83 -2.39 0.00	21.32 0.00	18.82 -2.67 0.00	17.65 -2.58 0.00	19.10 -2.67 0.00	16.97 -2.04 0.00
NIAGARA_230_LBMP 323716	16.97 -1.88 0.00	15.35 -1.61 0.00	16.80 -1.52 0.00	15.61 -1.38 0.00	17.19 -1.30 0.00	20.78 -1.83 0.00	25.75 -2.53 0.00	41.02 -4.38 0.00	161.05 -15.22 0.00	18.08 -1.56 0.00	15.72 -0.86 0.00	9.18 -0.61 0.00	4.60 -0.21 0.00	6.07 -0.34 0.00	9.76 -0.60 0.00	12.06 -0.95 0.00	12.15 -0.95 0.00	15.83 -1.26 0.00	23.24 -1.97 0.00	21.71 -2.24 0.00	19.18 -2.32 0.00	17.98 -2.26 0.00	19.45 -2.32 0.00	17.18 -1.83 0.00
NIAGARA___115KV_198_GIBSON 55903	16.78 -2.07 0.00	15.20 -1.76 0.00	16.65 -1.67 0.00	15.46 -1.53 0.00	17.02 -1.46 0.00	20.58 -2.03 0.00	25.46 -2.81 0.00	40.27 -5.13 0.00	158.23 -18.04 0.00	17.79 -1.84 0.00	15.50 -1.08 0.00	9.06 -0.73 0.00	4.56 -0.25 0.00	6.01 -0.40 0.00	9.66 -0.69 0.00	11.92 -1.09 0.00	11.97 -1.13 0.00	15.57 -1.51 0.00	22.84 -2.38 0.00	21.32 -2.63 0.00	18.82 -2.67 0.00	17.65 -2.58 0.00	19.10 -2.67 0.00	16.97 -2.04 0.00
NIAGARA____ 23760	16.97 -1.88 0.00	15.35 -1.61 0.00	16.80 -1.52 0.00	15.61 -1.38 0.00	17.19 -1.30 0.00	20.78 -1.83 0.00	25.75 -2.53 0.00	41.02 -4.38 0.00	161.05 -15.22 0.00	18.08 -1.56 0.00	15.72 -0.86 0.00	9.18 -0.61 0.00	4.60 -0.21 0.00	6.07 -0.34 0.00	9.76 -0.60 0.00	12.06 -0.95 0.00	12.15 -0.95 0.00	15.83 -1.26 0.00	23.24 -1.97 0.00	21.71 -2.24 0.00	19.18 -2.32 0.00	17.98 -2.26 0.00	19.45 -2.32 0.00	17.18 -1.83 0.00
NINE_MILE_1 23575	18.36 -0.49 0.00	16.49 -0.46 0.00	17.84 -0.48 0.00	16.57 -0.42 0.00	18.04 -0.44 0.00	21.99 -0.62 0.00	27.45 -0.82 0.00	44.11 -1.29 0.00	170.79 -5.48 0.00	19.01 -0.63 0.00	16.16 -0.42 0.00	9.52 -0.27 0.00	4.68 -0.12 0.00	6.24 -0.17 0.00	10.08 -0.28 0.00	12.64 -0.37 0.00	12.73 -0.36 0.00	16.62 -0.47 0.00	24.46 -0.76 0.00	23.23 -0.71 0.00	20.77 -0.72 0.00	19.53 -0.71 0.00	21.04 -0.73 0.00	18.49 -0.51 0.00
NINE_MILE_2 23744	18.36 -0.49 0.00	16.50 -0.45 0.00	17.84 -0.48 0.00	16.57 -0.41 0.00	18.05 -0.44 0.00	21.99 -0.62 0.00	27.46 -0.82 0.00	44.11 -1.29 0.00	170.87 -5.41 0.00	19.01 -0.62 0.00	16.16 -0.42 0.00	9.52 -0.27 0.00	4.68 -0.12 0.00	6.24 -0.17 0.00	10.08 -0.28 0.00	12.64 -0.37 0.00	12.74 -0.36 0.00	16.62 -0.46 0.00	24.46 -0.75 0.00	23.24 -0.71 0.00	20.77 -0.72 0.00	19.53 -0.70 0.00	21.04 -0.73 0.00	18.49 -0.51 0.00
NM_CAPITAL___DRP 24208	19.34 0.49 0.00	17.38 0.43 0.00	18.75 0.43 0.00	17.43 0.44 0.00	18.87 0.38 0.00	23.09 0.48 0.00	29.14 0.86 0.00	47.10 1.70 0.00	181.45 5.17 0.00	20.03 0.40 0.00	16.83 0.25 0.00	9.99 0.20 0.00	4.88 0.08 0.00	6.53 0.12 0.00	10.58 0.22 0.00	13.35 0.34 0.00	13.42 0.33 0.00	17.47 0.38 0.00	25.77 0.56 0.00	24.58 0.64 0.00	21.96 0.47 0.00	20.66 0.43 0.00	22.20 0.43 0.00	19.25 0.24 0.00
NM_CENTRAL___DRP 24181	18.60 -0.25 0.00	16.71 -0.25 0.00	18.07 -0.25 0.00	16.80 -0.19 0.00	18.29 -0.19 0.00	22.28 -0.33 0.00	27.85 -0.42 0.00	44.81 -0.59 0.00	173.62 -2.66 0.00	19.30 -0.33 0.00	16.41 -0.17 0.00	9.65 -0.13 0.00	4.75 -0.05 0.00	6.33 -0.07 0.00	10.22 -0.13 0.00	12.82 -0.19 0.00	12.92 -0.18 0.00	16.89 -0.20 0.00	24.87 -0.34 0.00	23.64 -0.31 0.00	21.10 -0.39 0.00	19.83 -0.40 0.00	21.35 -0.42 0.00	18.74 -0.27 0.00
NM_FRONTIER___DRP 24179	16.78 -2.07 0.00	15.20 -1.76 0.00	16.65 -1.67 0.00	15.46 -1.53 0.00	17.02 -1.46 0.00	20.58 -2.03 0.00	25.46 -2.81 0.00	40.27 -5.13 0.00	158.23 -18.04 0.00	17.79 -1.84 0.00	15.50 -1.08 0.00	9.06 -0.73 0.00	4.56 -0.25 0.00	6.01 -0.40 0.00	9.66 -0.69 0.00	11.92 -1.09 0.00	11.97 -1.13 0.00	15.57 -1.51 0.00	22.84 -2.38 0.00	21.32 -2.63 0.00	18.82 -2.67 0.00	17.65 -2.58 0.00	19.10 -2.67 0.00	16.97 -2.04 0.00
NM_ST_REGIS___HYD 24053	28.64 -0.61 -10.39	23.45 -0.47 -6.96	23.80 -0.43 -5.91	16.47 -0.52 0.00	18.09 -0.39 0.00	22.36 -0.25 0.00	27.56 -0.71 0.00	43.67 -1.73 0.00	171.01 -5.27 0.00	19.22 -0.41 0.00	16.15 -0.43 0.00	9.53 -0.26 0.00	4.65 -0.15 0.00	6.19 -0.22 0.00	9.93 -0.43 0.00	12.43 -0.58 0.00	12.54 -0.56 0.00	16.52 -0.57 0.00	24.81 -0.41 0.00	23.63 -0.32 0.00	21.40 -0.09 0.00	20.23 0.00	21.80 0.02	19.08 0.07



NORTHPORT___1 23551	19.82 0.97 0.00	17.75 0.79 0.00	19.05 0.73 0.00	17.76 0.77 0.00	19.12 0.64 0.00	23.50 0.89 0.00	30.04 1.77 0.00	47.94 2.55 0.00	185.34 9.06 0.00	20.62 0.99 0.00	17.23 0.65 0.00	10.13 0.34 0.00	4.94 0.14 0.00	6.59 0.19 0.00	10.72 0.37 0.00	13.65 0.64 0.00	13.97 0.87 0.00	17.96 0.87 0.00	26.19 0.97 0.00	25.04 1.09 0.00	22.22 0.73 0.00	20.79 0.56 0.00	22.47 0.70 0.00	19.48 0.47 0.00
NORTHPORT___2 23552	19.82 0.97 0.00	17.75 0.79 0.00	19.05 0.73 0.00	17.76 0.77 0.00	19.12 0.64 0.00	23.50 0.89 0.00	30.04 1.77 0.00	47.94 2.55 0.00	185.34 9.06 0.00	20.62 0.99 0.00	17.23 0.65 0.00	10.13 0.34 0.00	4.94 0.14 0.00	6.59 0.19 0.00	10.72 0.37 0.00	13.65 0.64 0.00	13.97 0.87 0.00	17.96 0.87 0.00	26.19 0.97 0.00	25.04 1.09 0.00	22.22 0.73 0.00	20.79 0.56 0.00	22.47 0.70 0.00	19.48 0.47 0.00
NORTHPORT___3 23553	19.71 0.86 0.00	17.66 0.70 0.00	18.95 0.63 0.00	17.66 0.67 0.00	19.02 0.54 0.00	23.37 0.76 0.00	29.90 1.63 0.00	47.86 2.47 0.00	184.71 8.43 0.00	20.53 0.90 0.00	17.16 0.58 0.00	10.09 0.30 0.00	4.93 0.12 0.00	6.57 0.16 0.00	10.68 0.32 0.00	13.58 0.57 0.00	13.89 0.79 0.00	17.91 0.82 0.00	26.15 0.94 0.00	24.99 1.04 0.00	22.20 0.71 0.00	20.76 0.53 0.00	22.39 0.62 0.00	19.40 0.39 0.00
NORTHPORT___4 23650	19.71 0.86 0.00	17.66 0.70 0.00	18.95 0.63 0.00	17.66 0.67 0.00	19.02 0.54 0.00	23.37 0.76 0.00	29.90 1.63 0.00	47.86 2.47 0.00	184.71 8.43 0.00	20.53 0.90 0.00	17.16 0.58 0.00	10.09 0.30 0.00	4.93 0.12 0.00	6.57 0.16 0.00	10.68 0.32 0.00	13.58 0.57 0.00	13.89 0.79 0.00	17.91 0.82 0.00	26.15 0.94 0.00	24.99 1.04 0.00	22.20 0.71 0.00	20.76 0.53 0.00	22.39 0.62 0.00	19.40 0.39 0.00
NORTHPORT___IC 23718	19.82 0.97 0.00	17.74 0.79 0.00	19.05 0.73 0.00	17.76 0.77 0.00	19.12 0.64 0.00	23.50 0.89 0.00	30.04 1.77 0.00	47.94 2.55 0.00	185.34 9.06 0.00	20.62 0.99 0.00	17.23 0.65 0.00	10.13 0.34 0.00	4.94 0.14 0.00	6.59 0.19 0.00	10.72 0.37 0.00	13.65 0.64 0.00	13.97 0.87 0.00	17.96 0.87 0.00	26.18 0.97 0.00	25.04 1.09 0.00	22.22 0.73 0.00	20.79 0.56 0.00	22.47 0.70 0.00	19.48 0.47 0.00
NORTH___COUNTRY_ESR 323785	-23.98 -0.76 42.08	-11.83 -0.62 28.17	-6.24 -0.64 23.92	16.38 -0.61 0.00	17.99 -0.49 0.00	22.26 -0.35 0.00	27.60 -0.67 0.00	43.28 -2.12 0.00	170.46 -5.82 0.00	19.35 -0.29 0.00	16.24 -0.34 0.00	9.62 -0.17 0.00	4.70 -0.11 0.00	6.24 -0.17 0.00	9.95 -0.41 0.00	12.55 -0.46 0.00	12.68 -0.42 0.00	16.75 -0.34 0.00	25.28 0.06 0.00	24.12 0.17 0.00	21.84 0.34 0.00	20.74 0.51 0.00	22.35 0.58 0.00	19.58 0.57 0.00
NPX_GEN_1385_PROXY 323591	19.80 0.95 0.00	17.75 0.79 0.00	19.05 0.73 0.00	17.76 0.77 0.00	19.12 0.64 0.00	23.47 0.86 0.00	29.93 1.66 0.00	47.41 2.02 0.00	185.86 9.58 0.00	20.61 0.98 0.00	17.19 0.61 0.00	10.01 0.22 0.00	4.90 0.10 0.00	6.55 0.14 0.00	10.65 0.29 0.00	13.51 0.50 0.00	13.86 0.76 0.00	17.67 0.59 0.00	26.05 0.32 -0.51	24.56 0.61 0.00	21.71 0.22 0.00	20.36 0.13 0.00	22.32 0.55 0.00	19.31 0.30 0.00
NPX_GEN_CSC 323557	19.81 0.96 0.00	17.72 0.76 0.00	19.01 0.70 0.00	17.78 0.79 0.00	19.07 0.59 0.00	23.44 0.83 0.00	30.13 1.85 0.00	48.25 2.85 0.00	186.88 10.60 0.00	20.79 1.15 0.00	17.12 0.54 0.00	10.04 0.25 0.00	4.88 0.08 0.00	6.48 0.06 0.00	10.53 0.17 0.00	13.49 0.47 0.00	14.05 0.95 0.00	17.96 0.87 0.00	26.81 1.08 -0.51	25.20 1.25 0.00	22.37 0.88 0.00	20.88 0.64 0.00	22.47 0.70 0.00	19.47 0.46 0.00
NSINS_S_GLNS_FALLS 23858	19.54 0.69 0.00	17.55 0.59 0.00	18.94 0.62 0.00	17.61 0.62 0.00	19.08 0.60 0.00	23.47 0.85 0.00	29.70 1.42 0.00	48.22 2.82 0.00	185.59 9.31 0.00	20.28 0.65 0.00	16.90 0.32 0.00	10.01 0.21 0.00	4.89 0.09 0.00	6.53 0.12 0.00	10.56 0.20 0.00	13.39 0.38 0.00	13.53 0.43 0.00	17.80 0.72 0.00	26.45 1.23 0.00	25.27 1.33 0.00	22.58 1.09 0.00	21.17 0.94 0.00	22.60 0.83 0.00	19.51 0.50 0.00
NUCOR_STEEL___DRP 24197	18.85 0.00 0.00	16.93 -0.02 0.00	18.30 -0.02 0.00	17.00 0.01 0.00	18.56 0.08 0.00	22.64 0.02 0.00	28.26 -0.02 0.00	45.46 0.06 0.00	176.06 -0.22 0.00	19.53 -0.10 0.00	16.56 -0.02 0.00	9.72 -0.07 0.00	4.78 -0.02 0.00	6.38 -0.03 0.00	10.34 -0.03 0.00	12.96 -0.05 0.00	13.06 -0.04 0.00	17.06 -0.02 0.00	25.29 0.08 0.00	24.09 0.14 0.00	21.49 0.00 0.00	20.19 -0.04 0.00	21.69 -0.08 0.00	18.93 -0.08 0.00
NUMBER_THREE_WT_PWR 323818	19.71 -0.94 -1.80	17.40 -0.76 -1.21	18.81 -0.53 -1.03	16.68 -0.30 0.00	18.26 -0.23 0.00	22.64 0.03 0.00	28.41 0.14 0.00	45.84 0.45 0.00	177.71 1.43 0.00	19.69 0.06 0.00	16.49 -0.09 0.00	9.67 -0.12 0.00	4.70 -0.10 0.00	6.25 -0.17 0.00	9.99 -0.37 0.00	12.43 -0.58 0.00	12.56 -0.54 0.00	16.72 -0.37 0.00	25.46 0.25 0.00	24.42 0.47 0.00	21.67 0.18 0.00	20.32 0.09 0.00	21.99 0.22 0.00	19.32 0.31 0.00
NYISO_LBMP_REFERENCE 24008	18.85 0.00 0.00	16.96 0.00 0.00	18.32 0.00 0.00	16.99 0.00 0.00	18.48 0.00 0.00	22.61 0.00 0.00	28.27 0.00 0.00	45.40 0.00 0.00	176.28 0.00 0.00	19.63 0.00 0.00	16.58 0.00 0.00	9.79 0.00 0.00	4.80 0.00 0.00	6.41 0.00 0.00	10.36 0.00 0.00	13.01 0.00 0.00	13.10 0.00 0.00	17.09 0.00 0.00	25.21 0.00 0.00	23.95 0.00 0.00	21.49 0.00 0.00	20.23 0.00 0.00	21.77 0.00 0.00	19.01 0.00 0.00
NYPA_BRENTWD___GT 24164	20.02 1.17 0.00	17.91 0.95 0.00	19.22 0.90 0.00	17.92 0.93 0.00	19.29 0.81 0.00	23.72 1.11 0.00	30.37 2.10 0.00	48.63 3.24 0.00	187.86 11.59 0.00	20.84 1.21 0.00	17.37 0.79 0.00	10.20 0.42 0.00	4.98 0.17 0.00	6.63 0.22 0.00	10.79 0.43 0.00	13.76 0.75 0.00	14.11 1.02 0.00	18.18 1.09 0.00	26.58 1.36 0.00	25.42 1.47 0.00	22.57 1.07 0.00	21.09 0.86 0.00	22.74 0.97 0.00	19.68 0.68 0.00
NYPA_GOWANUS___GT5 24156	19.64 0.79 0.00	17.61 0.66 0.00	18.92 0.60 0.00	17.63 0.64 0.00	19.03 0.55 0.00	23.30 0.69 0.00	29.78 1.50 0.00	48.07 2.68 0.00	185.41 9.13 0.00	20.58 0.94 0.00	17.28 0.70 0.00	10.24 0.45 0.00	5.01 0.20 0.00	6.70 0.29 0.00	10.90 0.55 0.00	13.73 0.73 0.00	13.87 0.77 0.00	17.96 0.87 0.00	26.22 1.01 0.00	25.06 1.11 0.00	22.32 0.83 0.00	20.93 0.70 0.00	22.43 0.66 0.00	19.44 0.43 0.00
NYPA_GOWANUS___GT6 24157	19.64 0.79 0.00	17.61 0.66 0.00	18.92 0.60 0.00	17.63 0.64 0.00	19.03 0.55 0.00	23.30 0.69 0.00	29.78 1.50 0.00	48.07 2.68 0.00	185.41 9.13 0.00	20.58 0.94 0.00	17.28 0.70 0.00	10.24 0.45 0.00	5.01 0.20 0.00	6.70 0.29 0.00	10.90 0.55 0.00	13.73 0.73 0.00	13.87 0.77 0.00	17.96 0.87 0.00	26.22 1.01 0.00	25.06 1.11 0.00	22.32 0.83 0.00	20.93 0.70 0.00	22.43 0.66 0.00	19.44 0.43 0.00



NYPA_HARLEM__RVR__GT1 24160	19.57 0.72 0.00	17.55 0.59 0.00	18.84 0.53 0.00	17.56 0.57 0.00	18.96 0.48 0.00	23.18 0.57 0.00	29.58 1.31 0.00	47.86 2.46 0.00	184.69 8.41 0.00	20.49 0.86 0.00	17.20 0.62 0.00	10.18 0.39 0.00	4.98 0.18 0.00	6.66 0.25 0.00	10.84 0.48 0.00	13.66 0.65 0.00	13.80 0.70 0.00	17.86 0.77 0.00	26.01 0.80 0.00	24.91 0.96 0.00	22.21 0.72 0.00	20.83 0.60 0.00	22.30 0.53 0.00	19.37 0.36 0.00
NYPA_HARLEM__RVR__GT2 24161	19.57 0.72 0.00	17.55 0.59 0.00	18.84 0.53 0.00	17.56 0.57 0.00	18.96 0.48 0.00	23.18 0.57 0.00	29.58 1.31 0.00	47.86 2.46 0.00	184.69 8.41 0.00	20.49 0.86 0.00	17.20 0.62 0.00	10.18 0.39 0.00	4.98 0.18 0.00	6.66 0.25 0.00	10.84 0.48 0.00	13.66 0.65 0.00	13.80 0.70 0.00	17.86 0.77 0.00	26.01 0.80 0.00	24.91 0.96 0.00	22.21 0.72 0.00	20.83 0.60 0.00	22.30 0.53 0.00	19.37 0.36 0.00
NYPA_KENT____GT 24152	19.61 0.76 0.00	17.60 0.64 0.00	18.90 0.58 0.00	17.61 0.62 0.00	19.02 0.53 0.00	23.27 0.66 0.00	29.73 1.46 0.00	48.02 2.63 0.00	185.30 9.02 0.00	20.56 0.93 0.00	17.27 0.69 0.00	10.24 0.44 0.00	5.00 0.20 0.00	6.70 0.29 0.00	10.89 0.54 0.00	13.72 0.71 0.00	13.86 0.77 0.00	17.94 0.86 0.00	26.20 0.99 0.00	25.03 1.08 0.00	22.30 0.81 0.00	20.91 0.67 0.00	22.40 0.63 0.00	19.41 0.40 0.00
NYPA_POUCH1____GT 24155	19.67 0.82 0.00	17.65 0.69 0.00	18.96 0.64 0.00	17.67 0.68 0.00	19.09 0.61 0.00	23.36 0.75 0.00	29.83 1.55 0.00	48.12 2.72 0.00	185.27 8.99 0.00	20.59 0.95 0.00	17.28 0.70 0.00	10.24 0.44 0.00	5.00 0.20 0.00	6.70 0.29 0.00	10.89 0.54 0.00	13.72 0.71 0.00	13.86 0.77 0.00	17.95 0.87 0.00	26.22 1.00 0.00	25.07 1.12 0.00	22.34 0.84 0.00	20.94 0.71 0.00	22.44 0.67 0.00	19.44 0.43 0.00
NYPA_VERNON____GT2 24162	19.59 0.74 0.00	17.58 0.63 0.00	18.88 0.56 0.00	17.60 0.61 0.00	19.00 0.52 0.00	23.24 0.63 0.00	29.69 1.42 0.00	47.96 2.57 0.00	185.14 8.86 0.00	20.54 0.91 0.00	17.25 0.67 0.00	10.23 0.44 0.00	5.00 0.20 0.00	6.70 0.29 0.00	10.89 0.53 0.00	13.72 0.71 0.00	13.86 0.76 0.00	17.92 0.84 0.00	26.18 0.97 0.00	25.00 1.05 0.00	22.27 0.78 0.00	20.88 0.64 0.00	22.37 0.60 0.00	19.38 0.37 0.00
NYPA_VERNON____GT3 24163	19.59 0.74 0.00	17.58 0.63 0.00	18.88 0.56 0.00	17.60 0.61 0.00	19.00 0.52 0.00	23.24 0.63 0.00	29.69 1.42 0.00	47.96 2.57 0.00	185.14 8.86 0.00	20.54 0.91 0.00	17.25 0.67 0.00	10.23 0.44 0.00	5.00 0.20 0.00	6.70 0.29 0.00	10.89 0.53 0.00	13.72 0.71 0.00	13.86 0.76 0.00	17.92 0.84 0.00	26.18 0.97 0.00	25.00 1.05 0.00	22.27 0.78 0.00	20.88 0.64 0.00	22.37 0.60 0.00	19.38 0.37 0.00
NYPA__ASTORIA_CC1 323568	19.55 0.70 0.00	17.56 0.60 0.00	18.84 0.53 0.00	17.57 0.58 0.00	18.96 0.48 0.00	23.19 0.58 0.00	29.63 1.35 0.00	47.87 2.47 0.00	184.79 8.51 0.00	20.50 0.86 0.00	17.21 0.63 0.00	10.21 0.42 0.00	4.99 0.19 0.00	6.68 0.27 0.00	10.87 0.51 0.00	13.70 0.69 0.00	13.83 0.74 0.00	17.88 0.80 0.00	26.11 0.89 0.00	24.95 1.00 0.00	22.23 0.74 0.00	20.84 0.61 0.00	22.32 0.55 0.00	19.35 0.34 0.00
NYPA__ASTORIA_CC2 323569	19.55 0.70 0.00	17.56 0.60 0.00	18.84 0.53 0.00	17.57 0.58 0.00	18.96 0.48 0.00	23.19 0.58 0.00	29.63 1.35 0.00	47.87 2.47 0.00	184.79 8.51 0.00	20.50 0.86 0.00	17.21 0.63 0.00	10.21 0.42 0.00	4.99 0.19 0.00	6.68 0.27 0.00	10.87 0.51 0.00	13.70 0.69 0.00	13.83 0.74 0.00	17.88 0.80 0.00	26.11 0.89 0.00	24.95 1.00 0.00	22.23 0.74 0.00	20.84 0.61 0.00	22.32 0.55 0.00	19.35 0.34 0.00
NYPA__HOLTSVILL 23794	19.90 1.05 0.00	17.80 0.84 0.00	19.10 0.78 0.00	17.82 0.83 0.00	19.16 0.68 0.00	23.55 0.94 0.00	30.17 1.89 0.00	48.31 2.91 0.00	186.78 10.51 0.00	20.73 1.10 0.00	17.21 0.63 0.00	10.11 0.32 0.00	4.92 0.12 0.00	6.55 0.14 0.00	10.66 0.30 0.00	13.63 0.62 0.00	14.06 0.96 0.00	18.07 0.98 0.00	26.38 1.16 0.00	25.24 1.30 0.00	22.42 0.92 0.00	20.94 0.71 0.00	22.57 0.80 0.00	19.55 0.54 0.00
NYPA__HELLGATE_GT1 24158	19.57 0.72 0.00	17.55 0.59 0.00	18.84 0.53 0.00	17.56 0.57 0.00	18.96 0.48 0.00	23.18 0.57 0.00	29.58 1.31 0.00	47.86 2.46 0.00	184.69 8.41 0.00	20.49 0.86 0.00	17.20 0.62 0.00	10.18 0.39 0.00	4.98 0.18 0.00	6.66 0.25 0.00	10.84 0.48 0.00	13.66 0.65 0.00	13.80 0.70 0.00	17.86 0.77 0.00	26.01 0.80 0.00	24.91 0.96 0.00	22.21 0.72 0.00	20.83 0.60 0.00	22.30 0.53 0.00	19.37 0.36 0.00
NYPA__HELLGATE_GT2 24159	19.57 0.72 0.00	17.55 0.59 0.00	18.84 0.53 0.00	17.56 0.57 0.00	18.96 0.48 0.00	23.18 0.57 0.00	29.58 1.31 0.00	47.86 2.46 0.00	184.69 8.41 0.00	20.49 0.86 0.00	17.20 0.62 0.00	10.18 0.39 0.00	4.98 0.18 0.00	6.66 0.25 0.00	10.84 0.48 0.00	13.66 0.65 0.00	13.80 0.70 0.00	17.86 0.77 0.00	26.01 0.80 0.00	24.91 0.96 0.00	22.21 0.72 0.00	20.83 0.60 0.00	22.30 0.53 0.00	19.37 0.36 0.00
NYS_BARGE__HYD 23848	17.11 -1.74 0.00	15.46 -1.50 0.00	16.92 -1.40 0.00	15.72 -1.27 0.00	17.30 -1.18 0.00	20.95 -1.66 0.00	26.02 -2.26 0.00	41.50 -3.90 0.00	162.97 -13.30 0.00	18.28 -1.36 0.00	15.88 -0.70 0.00	9.25 -0.53 0.00	4.62 -0.17 0.00	6.10 -0.31 0.00	9.81 -0.55 0.00	12.12 -0.90 0.00	12.22 -0.87 0.00	15.96 -1.13 0.00	23.48 -1.74 0.00	21.96 -1.99 0.00	19.38 -2.11 0.00	18.16 -2.07 0.00	19.63 -2.14 0.00	17.32 -1.69 0.00
OAK ORCHARD__HYD 24046	17.90 -0.95 0.00	16.14 -0.82 0.00	17.55 -0.76 0.00	16.31 -0.68 0.00	17.88 -0.60 0.00	21.74 -0.87 0.00	27.12 -1.16 0.00	43.49 -1.91 0.00	169.71 -6.57 0.00	18.89 -0.74 0.00	16.25 -0.33 0.00	9.51 -0.28 0.00	4.71 -0.09 0.00	6.25 -0.16 0.00	10.07 -0.28 0.00	12.52 -0.49 0.00	12.63 -0.47 0.00	16.51 -0.57 0.00	24.36 -0.86 0.00	22.97 -0.98 0.00	20.39 -1.10 0.00	19.11 -1.12 0.00	20.60 -1.17 0.00	18.10 -0.91 0.00
OAKDALE__35_KV_LOAD 356122	18.70 -0.15 0.00	16.77 -0.19 0.00	18.14 -0.17 0.00	16.87 -0.12 0.00	18.35 -0.13 0.00	22.42 -0.19 0.00	28.24 -0.04 0.00	45.53 0.14 0.00	175.98 -0.30 0.00	19.57 -0.06 0.00	16.56 -0.02 0.00	9.69 -0.09 0.00	4.79 -0.01 0.00	6.40 -0.01 0.00	10.32 -0.04 0.00	12.95 -0.06 0.00	13.04 -0.06 0.00	17.05 -0.03 0.00	25.17 -0.04 0.00	23.98 0.03 0.00	21.41 -0.08 0.00	20.15 -0.09 0.00	21.70 -0.07 0.00	18.89 -0.11 0.00
OCC_CHEM__DRP 24175	16.81 -2.04 0.00	15.22 -1.74 0.00	16.68 -1.64 0.00	15.49 -1.50 0.00	17.06 -1.42 0.00	20.62 -1.99 0.00	25.52 -2.76 0.00	40.37 -5.03 0.00	158.68 -17.60 0.00	17.84 -1.80 0.00	15.54 -1.04 0.00	9.08 -0.71 0.00	4.56 -0.23 0.00	6.02 -0.39 0.00	9.68 -0.67 0.00	11.94 -1.07 0.00	11.99 -1.10 0.00	15.61 -1.48 0.00	22.90 -2.32 0.00	21.38 -2.57 0.00	18.87 -2.62 0.00	17.70 -2.53 0.00	19.16 -2.62 0.00	17.01 -2.00 0.00



OH_GEN_PROXY 24063	17.04 -1.81 0.00	15.41 -1.55 0.00	16.85 -1.46 0.00	15.66 -1.33 0.00	17.23 -1.26 0.00	20.84 -1.77 0.00	25.85 -2.43 0.00	41.24 -4.16 0.00	161.75 -14.53 0.00	18.14 -1.50 0.00	15.77 -0.81 0.00	9.21 -0.58 0.00	4.60 -0.19 0.00	6.09 -0.32 0.00	9.80 -0.57 0.00	12.11 -0.90 0.00	12.19 -0.91 0.00	15.89 -1.20 0.00	23.85 -1.88 -0.51	21.82 -2.13 0.00	19.28 -2.22 0.00	18.07 -2.16 0.00	19.55 -2.22 0.00	17.25 -1.76 0.00
OLIN_CORP_DRP 24177	16.83 -2.02 0.00	15.22 -1.74 0.00	16.67 -1.64 0.00	15.48 -1.51 0.00	17.05 -1.44 0.00	20.62 -2.00 0.00	25.55 -2.73 0.00	40.70 -4.70 0.00	159.91 -16.37 0.00	17.96 -1.68 0.00	15.62 -0.96 0.00	9.12 -0.67 0.00	4.56 -0.24 0.00	6.02 -0.39 0.00	9.67 -0.68 0.00	11.95 -1.06 0.00	12.06 -1.04 0.00	15.71 -1.38 0.00	23.07 -2.14 0.00	21.55 -2.40 0.00	19.02 -2.48 0.00	17.83 -2.41 0.00	19.29 -2.48 0.00	17.04 -1.97 0.00
OLIN_CORP_DSASP 323712	16.82 -2.03 0.00	15.22 -1.74 0.00	16.67 -1.65 0.00	15.49 -1.50 0.00	17.06 -1.42 0.00	20.62 -1.99 0.00	25.52 -2.76 0.00	40.37 -5.03 0.00	158.67 -17.61 0.00	17.85 -1.79 0.00	15.54 -1.04 0.00	9.08 -0.71 0.00	4.56 -0.23 0.00	6.02 -0.39 0.00	9.68 -0.67 0.00	11.94 -1.07 0.00	11.99 -1.10 0.00	15.61 -1.47 0.00	22.89 -2.33 0.00	21.38 -2.57 0.00	18.87 -2.62 0.00	17.70 -2.53 0.00	19.16 -2.62 0.00	17.01 -2.00 0.00
ONEIDA_HERK_LFGE 323681	19.57 -0.11 -0.83	17.43 -0.09 -0.56	18.83 0.03 -0.47	17.11 0.12 0.00	18.65 0.17 0.00	22.97 0.36 0.00	28.89 0.61 0.00	46.59 1.19 0.00	180.60 4.32 0.00	20.11 0.47 0.00	16.89 0.31 0.00	9.93 0.13 0.00	4.84 0.04 0.00	6.44 0.02 0.00	10.35 -0.01 0.00	12.94 -0.08 0.00	13.07 -0.03 0.00	17.30 0.21 0.00	26.03 0.82 0.00	24.90 0.94 0.00	22.17 0.68 0.00	20.80 0.57 0.00	22.40 0.62 0.00	19.59 0.58 0.00
ONEIDA___115KV_TB4 55905	19.14 0.29 0.00	17.20 0.24 0.00	18.64 0.33 0.00	17.33 0.34 0.00	18.88 0.40 0.00	23.17 0.56 0.00	29.17 0.89 0.00	47.21 1.82 0.00	182.98 6.70 0.00	19.87 0.23 0.00	16.72 0.14 0.00	9.86 0.07 0.00	4.83 0.03 0.00	6.45 0.04 0.00	10.43 0.07 0.00	13.09 0.08 0.00	13.20 0.11 0.00	17.33 0.25 0.00	25.88 0.66 0.00	24.82 0.87 0.00	22.15 0.66 0.00	20.81 0.58 0.00	22.35 0.58 0.00	19.49 0.48 0.00
ONONDAGA_REF_OCCRA 23987	18.73 -0.12 0.00	16.82 -0.14 0.00	18.19 -0.13 0.00	16.90 -0.08 0.00	18.41 -0.07 0.00	22.45 -0.16 0.00	28.10 -0.17 0.00	45.24 -0.16 0.00	175.20 -1.08 0.00	19.45 -0.19 0.00	16.50 -0.08 0.00	9.70 -0.09 0.00	4.78 -0.03 0.00	6.36 -0.05 0.00	10.27 -0.09 0.00	12.88 -0.13 0.00	12.99 -0.10 0.00	17.00 -0.09 0.00	25.07 -0.14 0.00	23.86 -0.09 0.00	21.30 -0.20 0.00	20.00 -0.23 0.00	21.54 -0.24 0.00	18.87 -0.14 0.00
ONONDAGA___COGEN 23986	18.75 -0.10 0.00	16.84 -0.12 0.00	18.21 -0.11 0.00	16.91 -0.08 0.00	18.43 -0.05 0.00	22.49 -0.12 0.00	28.12 -0.16 0.00	45.23 -0.16 0.00	175.28 -0.99 0.00	19.47 -0.16 0.00	16.52 -0.06 0.00	9.71 -0.07 0.00	4.78 -0.02 0.00	6.37 -0.04 0.00	10.28 -0.07 0.00	12.90 -0.11 0.00	13.01 -0.09 0.00	17.02 -0.07 0.00	25.09 -0.12 0.00	23.86 -0.09 0.00	21.30 -0.20 0.00	20.00 -0.24 0.00	21.53 -0.24 0.00	18.86 -0.15 0.00
ONTARIO___LFGE 23819	18.45 -0.40 0.00	16.59 -0.37 0.00	17.93 -0.39 0.00	16.69 -0.30 0.00	18.25 -0.23 0.00	22.27 -0.34 0.00	28.02 -0.26 0.00	45.14 -0.26 0.00	174.83 -1.44 0.00	19.52 -0.11 0.00	16.77 0.19 0.00	9.70 -0.09 0.00	4.80 0.00 0.00	6.41 0.00 0.00	10.31 -0.05 0.00	12.93 -0.08 0.00	13.01 -0.09 0.00	17.15 0.06 0.00	25.52 0.30 0.00	24.53 0.58 0.00	21.87 0.37 0.00	20.36 0.13 0.00	21.85 0.08 0.00	18.86 -0.14 0.00
ORANGEVILLE_WT_PWR 323706	16.96 -1.89 0.00	15.25 -1.71 0.00	16.66 -1.66 0.00	15.51 -1.48 0.00	17.03 -1.46 0.00	20.76 -1.85 0.00	26.02 -2.26 0.00	41.75 -3.64 0.00	163.76 -12.52 0.00	18.43 -1.21 0.00	15.94 -0.64 0.00	9.30 -0.49 0.00	4.66 -0.14 0.00	6.12 -0.29 0.00	9.87 -0.50 0.00	12.23 -0.79 0.00	12.32 -0.78 0.00	16.09 -0.99 0.00	23.80 -1.42 0.00	22.22 -1.73 0.00	19.45 -2.05 0.00	18.14 -2.10 0.00	19.64 -2.13 0.00	17.24 -1.77 0.00
ORANGEVILLE___ESR 323794	16.96 -1.89 0.00	15.25 -1.71 0.00	16.66 -1.66 0.00	15.51 -1.48 0.00	17.03 -1.46 0.00	20.76 -1.85 0.00	26.02 -2.26 0.00	41.75 -3.64 0.00	163.76 -12.52 0.00	18.43 -1.21 0.00	15.94 -0.64 0.00	9.30 -0.49 0.00	4.66 -0.14 0.00	6.12 -0.29 0.00	9.87 -0.50 0.00	12.23 -0.79 0.00	12.32 -0.78 0.00	16.09 -0.99 0.00	23.80 -1.42 0.00	22.22 -1.73 0.00	19.45 -2.05 0.00	18.14 -2.10 0.00	19.64 -2.13 0.00	17.24 -1.77 0.00
OSWEGATCHIE___HYD 24044	21.98 -1.01 -4.13	18.89 -0.83 -2.77	19.95 -0.72 -2.35	16.35 -0.64 0.00	17.92 -0.56 0.00	22.18 -0.43 0.00	27.56 -0.71 0.00	44.16 -1.23 0.00	171.89 -4.39 0.00	19.11 -0.53 0.00	16.02 -0.56 0.00	9.42 -0.37 0.00	4.59 -0.21 0.00	6.11 -0.30 0.00	9.79 -0.57 0.00	12.21 -0.80 0.00	12.33 -0.77 0.00	16.30 -0.79 0.00	24.65 -0.57 0.00	23.57 -0.38 0.00	21.14 -0.36 0.00	19.89 -0.35 0.00	21.46 -0.31 0.00	18.82 -0.18 0.00
OSWEGO___5 23606	18.44 -0.41 0.00	16.57 -0.39 0.00	17.92 -0.40 0.00	16.65 -0.34 0.00	18.12 -0.36 0.00	22.11 -0.50 0.00	27.62 -0.66 0.00	44.41 -0.98 0.00	172.30 -3.98 0.00	19.17 -0.46 0.00	16.28 -0.30 0.00	9.59 -0.20 0.00	4.71 -0.09 0.00	6.28 -0.12 0.00	10.15 -0.21 0.00	12.73 -0.28 0.00	12.82 -0.27 0.00	16.75 -0.34 0.00	24.67 -0.55 0.00	23.44 -0.50 0.00	20.95 -0.54 0.00	19.69 -0.54 0.00	21.21 -0.56 0.00	18.61 -0.40 0.00
OSWEGO___6 23613	18.44 -0.41 0.00	16.57 -0.39 0.00	17.92 -0.40 0.00	16.65 -0.34 0.00	18.12 -0.36 0.00	22.11 -0.50 0.00	27.62 -0.66 0.00	44.41 -0.98 0.00	172.30 -3.98 0.00	19.17 -0.46 0.00	16.28 -0.30 0.00	9.59 -0.20 0.00	4.71 -0.09 0.00	6.28 -0.12 0.00	10.15 -0.21 0.00	12.73 -0.28 0.00	12.82 -0.27 0.00	16.75 -0.34 0.00	24.67 -0.55 0.00	23.44 -0.50 0.00	20.95 -0.54 0.00	19.69 -0.54 0.00	21.21 -0.56 0.00	18.61 -0.40 0.00
OUTOKUMPU-AB___DRP 24206	17.25 -1.61 0.00	15.58 -1.37 0.00	17.07 -1.25 0.00	15.85 -1.14 0.00	17.44 -1.04 0.00	21.12 -1.49 0.00	26.27 -2.01 0.00	41.81 -3.58 0.00	164.21 -12.07 0.00	18.42 -1.21 0.00	16.01 -0.57 0.00	9.34 -0.45 0.00	4.68 -0.12 0.00	6.17 -0.24 0.00	9.93 -0.43 0.00	12.26 -0.75 0.00	12.34 -0.76 0.00	16.10 -0.99 0.00	23.68 -1.53 0.00	22.14 -1.81 0.00	19.54 -1.96 0.00	18.29 -1.94 0.00	19.78 -1.99 0.00	17.46 -1.55 0.00
OXBOW___BTM 323836	17.04 -1.81 0.00	15.41 -1.55 0.00	16.87 -1.45 0.00	15.67 -1.32 0.00	17.26 -1.23 0.00	20.89 -1.72 0.00	25.91 -2.37 0.00	41.13 -4.26 0.00	161.58 -14.69 0.00	18.16 -1.48 0.00	15.79 -0.79 0.00	9.22 -0.57 0.00	4.62 -0.18 0.00	6.10 -0.31 0.00	9.81 -0.55 0.00	12.11 -0.90 0.00	12.17 -0.92 0.00	15.87 -1.22 0.00	23.30 -1.92 0.00	21.77 -2.17 0.00	19.22 -2.27 0.00	18.01 -2.23 0.00	19.48 -2.29 0.00	17.24 -1.77 0.00



OXBOW____ 24026	17.04 -1.82 0.00	15.41 -1.55 0.00	16.88 -1.43 0.00	15.67 -1.32 0.00	17.26 -1.23 0.00	20.89 -1.73 0.00	25.91 -2.36 0.00	41.13 -4.26 0.00	161.58 -14.69 0.00	18.15 -1.49 0.00	15.79 -0.79 0.00	9.22 -0.57 0.00	4.62 -0.18 0.00	6.10 -0.31 0.00	9.81 -0.55 0.00	12.11 -0.90 0.00	12.17 -0.92 0.00	15.87 -1.22 0.00	23.31 -1.91 0.00	21.77 -2.17 0.00	19.22 -2.28 0.00	18.01 -2.22 0.00	19.48 -2.29 0.00	17.24 -1.77 0.00
OXY_CHEM_DSASP 323612	16.81 -2.04 0.00	15.22 -1.74 0.00	16.68 -1.64 0.00	15.49 -1.50 0.00	17.06 -1.42 0.00	20.62 -1.99 0.00	25.52 -2.76 0.00	40.37 -5.03 0.00	158.68 -17.60 0.00	17.84 -1.80 0.00	15.54 -1.04 0.00	9.08 -0.71 0.00	4.56 -0.23 0.00	6.02 -0.39 0.00	9.68 -0.67 0.00	11.94 -1.07 0.00	11.99 -1.10 0.00	15.61 -1.48 0.00	22.90 -2.32 0.00	21.38 -2.57 0.00	18.87 -2.62 0.00	17.70 -2.53 0.00	19.16 -2.62 0.00	17.01 -2.00 0.00
OZONE_PARK_ESR 323760	19.76 0.91 0.00	17.72 0.76 0.00	19.04 0.72 0.00	17.73 0.74 0.00	19.14 0.66 0.00	23.44 0.83 0.00	29.98 1.71 0.00	48.43 3.03 0.00	187.02 10.74 0.00	20.70 1.07 0.00	17.37 0.79 0.00	10.29 0.50 0.00	5.03 0.23 0.00	6.74 0.33 0.00	10.95 0.59 0.00	13.81 0.79 0.00	13.94 0.84 0.00	18.07 0.98 0.00	26.41 1.20 0.00	25.21 1.26 0.00	22.46 0.97 0.00	21.06 0.83 0.00	22.56 0.79 0.00	19.54 0.53 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	16.81 -2.04 0.00	15.22 -1.74 0.00	16.68 -1.64 0.00	15.49 -1.50 0.00	17.06 -1.42 0.00	20.62 -1.99 0.00	25.52 -2.76 0.00	40.37 -5.03 0.00	158.68 -17.60 0.00	17.84 -1.80 0.00	15.54 -1.04 0.00	9.08 -0.71 0.00	4.56 -0.23 0.00	6.02 -0.39 0.00	9.68 -0.67 0.00	11.94 -1.07 0.00	11.99 -1.10 0.00	15.61 -1.48 0.00	22.90 -2.32 0.00	21.38 -2.57 0.00	18.87 -2.62 0.00	17.70 -2.53 0.00	19.16 -2.62 0.00	17.01 -2.00 0.00
PACKARD__115KV_DUPONT_184 80571	16.81 -2.04 0.00	15.22 -1.74 0.00	16.68 -1.64 0.00	15.49 -1.50 0.00	17.06 -1.42 0.00	20.62 -1.99 0.00	25.52 -2.76 0.00	40.37 -5.03 0.00	158.68 -17.60 0.00	17.84 -1.80 0.00	15.54 -1.04 0.00	9.08 -0.71 0.00	4.56 -0.23 0.00	6.02 -0.39 0.00	9.68 -0.67 0.00	11.94 -1.07 0.00	11.99 -1.10 0.00	15.61 -1.48 0.00	22.90 -2.32 0.00	21.38 -2.57 0.00	18.87 -2.62 0.00	17.70 -2.53 0.00	19.16 -2.62 0.00	17.01 -2.00 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	19.54 0.69 0.00	17.53 0.57 0.00	18.82 0.51 0.00	17.54 0.54 0.00	18.94 0.46 0.00	23.16 0.55 0.00	29.58 1.31 0.00	47.86 2.47 0.00	184.57 8.29 0.00	20.47 0.83 0.00	17.17 0.59 0.00	10.17 0.38 0.00	4.97 0.17 0.00	6.65 0.24 0.00	10.82 0.47 0.00	13.64 0.63 0.00	13.78 0.68 0.00	17.83 0.74 0.00	26.02 0.80 0.00	24.90 0.96 0.00	22.20 0.71 0.00	20.82 0.59 0.00	22.29 0.52 0.00	19.34 0.34 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	19.57 0.71 0.00	17.53 0.58 0.00	18.83 0.52 0.00	17.55 0.56 0.00	18.97 0.49 0.00	23.21 0.60 0.00	29.66 1.39 0.00	48.00 2.60 0.00	184.79 8.52 0.00	20.47 0.83 0.00	17.17 0.59 0.00	10.17 0.38 0.00	4.97 0.17 0.00	6.65 0.24 0.00	10.82 0.47 0.00	13.64 0.63 0.00	13.78 0.68 0.00	17.83 0.74 0.00	26.02 0.80 0.00	24.90 0.96 0.00	22.20 0.71 0.00	20.82 0.59 0.00	22.29 0.52 0.00	19.34 0.34 0.00
PATROON__115KV_TB1 80586	19.44 0.58 0.00	17.47 0.51 0.00	18.83 0.52 0.00	17.51 0.52 0.00	18.96 0.48 0.00	23.21 0.59 0.00	29.30 1.03 0.00	47.36 1.97 0.00	182.58 6.30 0.00	20.15 0.52 0.00	16.93 0.35 0.00	10.04 0.25 0.00	4.91 0.11 0.00	6.57 0.16 0.00	10.64 0.28 0.00	13.43 0.41 0.00	13.51 0.40 0.00	17.58 0.50 0.00	25.94 0.73 0.00	24.73 0.78 0.00	22.09 0.60 0.00	20.78 0.55 0.00	22.32 0.55 0.00	19.35 0.34 0.00
PATTRSNVILLE__SOLAR 323815	19.36 0.51 0.00	17.40 0.44 0.00	18.78 0.46 0.00	17.45 0.46 0.00	18.95 0.46 0.00	23.22 0.61 0.00	29.25 0.98 0.00	47.10 1.71 0.00	181.86 5.58 0.00	20.05 0.41 0.00	16.86 0.28 0.00	9.97 0.18 0.00	4.88 0.08 0.00	6.52 0.11 0.00	10.55 0.18 0.00	13.26 0.25 0.00	13.37 0.28 0.00	17.51 0.42 0.00	25.97 0.76 0.00	24.81 0.86 0.00	22.19 0.70 0.00	20.86 0.63 0.00	22.40 0.63 0.00	19.48 0.47 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	17.90 -0.95 0.00	16.13 -0.83 0.00	17.63 -0.69 0.00	16.38 -0.61 0.00	17.97 -0.52 0.00	21.77 -0.85 0.00	27.15 -1.12 0.00	43.54 -1.85 0.00	170.57 -5.71 0.00	19.12 -0.52 0.00	16.56 -0.02 0.00	9.64 -0.15 0.00	4.83 0.03 0.00	6.38 -0.03 0.00	10.26 -0.09 0.00	12.73 -0.28 0.00	12.81 -0.29 0.00	16.74 -0.34 0.00	24.65 -0.56 0.00	23.08 -0.87 0.00	20.40 -1.09 0.00	19.09 -1.14 0.00	20.65 -1.13 0.00	18.12 -0.89 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	19.69 0.84 0.00	17.66 0.71 0.00	19.00 0.69 0.00	17.69 0.70 0.00	19.12 0.64 0.00	23.42 0.81 0.00	29.85 1.57 0.00	48.21 2.81 0.00	186.02 9.74 0.00	20.54 0.90 0.00	17.23 0.65 0.00	10.19 0.40 0.00	4.98 0.18 0.00	6.66 0.25 0.00	10.82 0.46 0.00	13.65 0.64 0.00	13.78 0.68 0.00	17.90 0.82 0.00	26.30 1.09 0.00	25.12 1.17 0.00	22.39 0.90 0.00	21.00 0.77 0.00	22.52 0.75 0.00	19.50 0.50 0.00
PEEKSKILL____ 23653	19.53 0.68 0.00	17.52 0.56 0.00	18.83 0.51 0.00	17.54 0.55 0.00	18.96 0.47 0.00	23.21 0.60 0.00	29.60 1.32 0.00	47.75 2.35 0.00	184.28 8.01 0.00	20.38 0.74 0.00	17.10 0.53 0.00	10.12 0.33 0.00	4.95 0.15 0.00	6.63 0.22 0.00	10.77 0.42 0.00	13.59 0.58 0.00	13.70 0.61 0.00	17.79 0.70 0.00	26.08 0.87 0.00	24.89 0.94 0.00	22.18 0.69 0.00	20.80 0.56 0.00	22.32 0.55 0.00	19.34 0.33 0.00
PGE MADISON__WINDPWR 24146	19.89 1.04 0.00	17.73 0.77 0.00	19.57 1.26 0.00	18.06 1.07 0.00	19.83 1.35 0.00	24.42 1.81 0.00	30.94 2.67 0.00	49.75 4.36 0.00	191.20 14.92 0.00	20.74 1.11 0.00	17.31 0.73 0.00	10.10 0.31 0.00	4.96 0.16 0.00	6.59 0.19 0.00	10.52 0.15 0.00	13.17 0.16 0.00	13.41 0.31 0.00	17.92 0.84 0.00	27.16 1.94 0.00	26.00 2.05 0.00	23.24 1.75 0.00	21.86 1.63 0.00	23.49 1.72 0.00	20.44 1.43 0.00
PIERCEFIELD__HYD 23852	24.28 -0.66 -6.08	20.52 -0.51 -4.07	21.32 -0.45 -3.46	16.43 -0.56 0.00	18.03 -0.45 0.00	22.27 -0.34 0.00	27.41 -0.86 0.00	43.52 -1.87 0.00	170.24 -6.03 0.00	19.09 -0.54 0.00	16.05 -0.53 0.00	9.47 -0.32 0.00	4.62 -0.18 0.00	6.16 -0.25 0.00	9.89 -0.47 0.00	12.36 -0.65 0.00	12.46 -0.64 0.00	16.39 -0.70 0.00	24.57 -0.64 0.00	23.38 -0.57 0.00	21.18 -0.32 0.00	19.99 -0.24 0.00	21.54 -0.23 0.00	18.85 -0.15 0.00
PINELAWN_CC_1 323563	19.88 1.03 0.00	17.79 0.84 0.00	19.10 0.78 0.00	17.80 0.81 0.00	19.17 0.69 0.00	23.56 0.95 0.00	30.18 1.91 0.00	48.39 3.00 0.00	186.70 10.43 0.00	20.71 1.07 0.00	17.28 0.70 0.00	10.16 0.37 0.00	4.96 0.15 0.00	6.61 0.20 0.00	10.75 0.39 0.00	13.67 0.66 0.00	13.98 0.89 0.00	18.06 0.97 0.00	26.44 1.22 0.00	25.29 1.34 0.00	22.48 0.98 0.00	21.02 0.79 0.00	22.62 0.85 0.00	19.58 0.57 0.00



PJM_GEN_HTP_PROXY 323702	19.57 0.72 0.00	17.56 0.60 0.00	18.86 0.55 0.00	17.58 0.59 0.00	18.98 0.50 0.00	23.24 0.63 0.00	29.70 1.43 0.00	45.62 2.54 2.31	185.12 8.87 0.03	20.50 0.87 0.00	17.20 0.62 0.00	10.19 0.40 0.00	4.99 0.18 0.00	6.67 0.26 0.00	10.85 0.49 0.00	13.68 0.67 0.00	13.81 0.71 0.00	17.90 0.81 0.00	26.16 0.94 0.00	24.95 1.00 0.00	22.23 0.74 0.00	20.84 0.61 0.00	22.35 0.58 0.00	19.36 0.35 0.00
PJM_GEN_KEystone 24065	18.66 -0.19 0.00	16.74 -0.21 0.00	18.10 -0.22 0.00	16.85 -0.14 0.00	18.28 -0.20 0.00	22.32 -0.30 0.00	28.24 -0.04 0.00	48.24 0.08 -2.76	176.11 -0.14 0.03	19.54 -0.09 0.00	16.61 0.03 0.00	9.77 -0.03 0.00	4.83 0.03 0.00	6.44 0.03 0.00	10.43 0.07 0.00	13.08 0.06 0.00	13.15 0.05 0.00	17.09 0.01 0.00	25.08 -0.13 0.00	23.80 -0.15 0.00	21.16 -0.33 0.00	19.83 -0.40 0.00	21.37 -0.40 0.00	21.22 -0.41 -2.62
PJM_GEN_NEPTUNE_PROXY 323594	19.67 0.82 0.00	17.63 0.67 0.00	18.92 0.60 0.00	17.63 0.64 0.00	19.00 0.52 0.00	23.32 0.71 0.00	29.82 1.55 0.00	45.56 2.48 2.31	184.57 8.32 0.03	20.50 0.87 0.00	17.16 0.58 0.00	10.12 0.33 0.00	4.94 0.14 0.00	6.60 0.19 0.00	10.73 0.38 0.00	13.61 0.61 0.00	13.85 0.75 0.00	17.90 0.81 0.00	26.18 0.96 0.00	25.00 1.05 0.00	22.25 0.76 0.00	20.83 0.60 0.00	22.42 0.64 0.00	19.40 0.40 0.00
PJM_GEN_VFT_PROXY 323633	19.46 0.61 0.00	17.46 0.51 0.00	18.76 0.44 0.00	17.48 0.49 0.00	18.87 0.39 0.00	23.10 0.49 0.00	29.55 1.28 0.00	45.36 2.27 2.31	184.07 7.82 0.03	20.37 0.74 0.00	17.10 0.52 0.00	10.13 0.34 0.00	4.96 0.15 0.00	6.63 0.23 0.00	10.80 0.45 0.00	13.61 0.60 0.00	13.73 0.63 0.00	17.79 0.71 0.00	26.01 0.79 0.00	24.82 0.87 0.00	22.11 0.62 0.00	20.73 0.50 0.00	22.22 0.45 0.00	19.26 0.25 0.00
PLATSBURG_115KV_PMLD1 355749	-21.16 -0.59 39.43	-9.91 -0.47 26.39	-4.57 -0.48 22.41	16.57 -0.42 0.00	18.15 -0.33 0.00	22.44 -0.18 0.00	27.87 -0.40 0.00	43.59 -1.81 0.00	171.73 -4.54 0.00	19.49 -0.15 0.00	16.35 -0.23 0.00	9.68 -0.11 0.00	4.72 -0.08 0.00	6.28 -0.13 0.00	10.02 -0.34 0.00	12.64 -0.37 0.00	12.77 -0.33 0.00	16.91 -0.18 0.00	25.54 0.33 0.00	24.40 0.45 0.00	22.03 0.54 0.00	20.93 0.69 0.00	22.54 0.77 0.00	19.76 0.75 0.00
PLEASANTVLY__LBMP 24000	19.39 0.53 0.00	17.40 0.44 0.00	18.72 0.41 0.00	17.43 0.44 0.00	18.82 0.34 0.00	23.04 0.42 0.00	29.29 1.02 0.00	47.31 1.92 0.00	182.54 6.26 0.00	20.19 0.55 0.00	16.95 0.37 0.00	10.04 0.25 0.00	4.91 0.11 0.00	6.57 0.16 0.00	10.67 0.31 0.00	13.47 0.46 0.00	13.58 0.48 0.00	17.62 0.54 0.00	25.87 0.66 0.00	24.71 0.76 0.00	22.03 0.54 0.00	20.68 0.45 0.00	22.20 0.43 0.00	19.24 0.23 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	19.54 0.69 0.00	17.54 0.58 0.00	18.85 0.54 0.00	17.56 0.57 0.00	18.97 0.49 0.00	23.23 0.62 0.00	29.59 1.32 0.00	47.79 2.39 0.00	184.46 8.18 0.00	20.40 0.77 0.00	17.12 0.54 0.00	10.14 0.34 0.00	4.96 0.16 0.00	6.63 0.22 0.00	10.78 0.42 0.00	13.60 0.59 0.00	13.72 0.62 0.00	17.79 0.70 0.00	26.09 0.87 0.00	24.90 0.95 0.00	22.20 0.71 0.00	20.83 0.60 0.00	22.35 0.58 0.00	19.36 0.36 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	19.54 0.69 0.00	17.54 0.58 0.00	18.85 0.54 0.00	17.56 0.57 0.00	18.97 0.49 0.00	23.23 0.62 0.00	29.59 1.32 0.00	47.79 2.39 0.00	184.46 8.18 0.00	20.40 0.77 0.00	17.12 0.54 0.00	10.14 0.34 0.00	4.96 0.16 0.00	6.63 0.22 0.00	10.78 0.42 0.00	13.60 0.59 0.00	13.72 0.62 0.00	17.79 0.70 0.00	26.09 0.87 0.00	24.90 0.95 0.00	22.20 0.71 0.00	20.83 0.60 0.00	22.35 0.58 0.00	19.36 0.36 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	19.58 0.72 0.00	17.57 0.61 0.00	18.90 0.59 0.00	17.59 0.60 0.00	19.01 0.53 0.00	23.27 0.65 0.00	29.62 1.34 0.00	47.85 2.45 0.00	184.61 8.34 0.00	20.36 0.73 0.00	17.07 0.49 0.00	10.09 0.30 0.00	4.93 0.14 0.00	6.60 0.19 0.00	10.72 0.36 0.00	13.53 0.52 0.00	13.65 0.56 0.00	17.77 0.68 0.00	26.14 0.93 0.00	24.98 1.04 0.00	22.28 0.79 0.00	20.90 0.67 0.00	22.42 0.65 0.00	19.42 0.42 0.00
POLETTI____ 23519	19.57 0.72 0.00	17.56 0.60 0.00	18.85 0.54 0.00	17.57 0.58 0.00	18.97 0.49 0.00	23.19 0.58 0.00	29.64 1.37 0.00	47.87 2.47 0.00	184.98 8.71 0.00	20.48 0.84 0.00	17.18 0.60 0.00	10.18 0.39 0.00	4.98 0.18 0.00	6.67 0.26 0.00	10.84 0.49 0.00	13.68 0.67 0.00	13.81 0.71 0.00	17.89 0.80 0.00	26.13 0.91 0.00	24.92 0.97 0.00	22.21 0.72 0.00	20.83 0.60 0.00	22.32 0.55 0.00	19.35 0.34 0.00
POMONA____ESR 323819	19.54 0.69 0.00	17.52 0.57 0.00	18.84 0.53 0.00	17.56 0.57 0.00	18.97 0.49 0.00	23.24 0.63 0.00	29.64 1.36 0.00	47.81 2.41 0.00	184.47 8.19 0.00	20.38 0.75 0.00	17.12 0.54 0.00	10.13 0.34 0.00	4.96 0.15 0.00	6.63 0.22 0.00	10.78 0.43 0.00	13.60 0.59 0.00	13.71 0.62 0.00	17.79 0.70 0.00	26.11 0.89 0.00	24.91 0.96 0.00	22.19 0.70 0.00	20.81 0.58 0.00	22.33 0.56 0.00	19.36 0.35 0.00
PORT_JEFF_3 23555	19.96 1.11 0.00	17.85 0.89 0.00	19.15 0.83 0.00	17.85 0.86 0.00	19.17 0.69 0.00	23.56 0.95 0.00	30.20 1.93 0.00	48.36 2.97 0.00	186.96 10.69 0.00	20.67 1.04 0.00	17.12 0.54 0.00	10.05 0.26 0.00	4.90 0.09 0.00	6.52 0.10 0.00	10.60 0.24 0.00	13.60 0.58 0.00	14.07 0.97 0.00	18.08 0.99 0.00	26.41 1.20 0.00	25.30 1.35 0.00	22.46 0.97 0.00	20.98 0.74 0.00	22.60 0.83 0.00	19.56 0.55 0.00
PORT_JEFF_4 23616	19.96 1.11 0.00	17.85 0.89 0.00	19.15 0.83 0.00	17.85 0.86 0.00	19.17 0.69 0.00	23.56 0.95 0.00	30.20 1.93 0.00	48.36 2.97 0.00	186.96 10.69 0.00	20.67 1.04 0.00	17.12 0.54 0.00	10.05 0.26 0.00	4.90 0.09 0.00	6.52 0.10 0.00	10.60 0.24 0.00	13.60 0.58 0.00	14.07 0.97 0.00	18.08 0.99 0.00	26.41 1.20 0.00	25.30 1.35 0.00	22.46 0.97 0.00	20.98 0.74 0.00	22.60 0.83 0.00	19.56 0.55 0.00
PORT_JEFF_IC 23713	19.96 1.11 0.00	17.84 0.89 0.00	19.14 0.83 0.00	17.86 0.87 0.00	19.18 0.70 0.00	23.58 0.97 0.00	30.23 1.95 0.00	48.41 3.01 0.00	187.14 10.86 0.00	20.71 1.08 0.00	17.16 0.58 0.00	10.07 0.28 0.00	4.90 0.11 0.00	6.53 0.11 0.00	10.61 0.25 0.00	13.61 0.59 0.00	14.08 0.98 0.00	18.09 1.01 0.00	26.44 1.23 0.00	25.33 1.37 0.00	22.48 0.99 0.00	21.00 0.76 0.00	22.62 0.85 0.00	19.57 0.57 0.00
PPL PILGRIM_ST_GT1 24216	20.02 1.17 0.00	17.91 0.95 0.00	19.22 0.90 0.00	17.92 0.93 0.00	19.29 0.81 0.00	23.72 1.11 0.00	30.37 2.10 0.00	48.63 3.24 0.00	187.86 11.59 0.00	20.84 1.21 0.00	17.37 0.79 0.00	10.20 0.42 0.00	4.98 0.17 0.00	6.63 0.22 0.00	10.79 0.43 0.00	13.76 0.75 0.00	14.11 1.02 0.00	18.18 1.09 0.00	26.58 1.36 0.00	25.42 1.47 0.00	22.57 1.07 0.00	21.09 0.86 0.00	22.74 0.97 0.00	19.68 0.68 0.00



PPL PILGRIM_ST_GT2 24217	20.02 1.17 0.00	17.91 0.95 0.00	19.22 0.90 0.00	17.92 0.93 0.00	19.29 0.81 0.00	23.72 1.11 0.00	30.37 2.10 0.00	48.63 3.24 0.00	187.86 11.59 0.00	20.84 1.21 0.00	17.37 0.79 0.00	10.20 0.42 0.00	4.98 0.17 0.00	6.63 0.22 0.00	10.79 0.43 0.00	13.76 0.75 0.00	14.11 1.02 0.00	18.18 1.09 0.00	26.58 1.36 0.00	25.42 1.47 0.00	22.57 1.07 0.00	21.09 0.86 0.00	22.74 0.97 0.00	19.68 0.68 0.00
PPL_SHRM_GT3 24213	19.83 0.98 0.00	17.74 0.78 0.00	19.03 0.72 0.00	17.79 0.80 0.00	19.09 0.61 0.00	23.47 0.85 0.00	30.15 1.88 0.00	48.30 2.90 0.00	187.04 10.76 0.00	20.80 1.17 0.00	17.12 0.54 0.00	10.04 0.25 0.00	4.88 0.08 0.00	6.48 0.06 0.00	10.53 0.17 0.00	13.49 0.48 0.00	14.05 0.96 0.00	17.97 0.88 0.00	26.31 1.10 0.00	25.22 1.27 0.00	22.38 0.89 0.00	20.89 0.66 0.00	22.49 0.72 0.00	19.48 0.47 0.00
PPL_SHRM_GT4 24214	19.83 0.98 0.00	17.74 0.78 0.00	19.03 0.72 0.00	17.79 0.80 0.00	19.09 0.61 0.00	23.47 0.85 0.00	30.15 1.88 0.00	48.30 2.90 0.00	187.04 10.76 0.00	20.80 1.17 0.00	17.12 0.54 0.00	10.04 0.25 0.00	4.88 0.08 0.00	6.48 0.06 0.00	10.53 0.17 0.00	13.49 0.48 0.00	14.05 0.96 0.00	17.97 0.88 0.00	26.31 1.10 0.00	25.22 1.27 0.00	22.38 0.89 0.00	20.89 0.66 0.00	22.49 0.72 0.00	19.48 0.47 0.00
PROJECT___ORANGE 1 24174	18.61 -0.24 0.00	16.71 -0.24 0.00	18.08 -0.24 0.00	16.81 -0.18 0.00	18.30 -0.19 0.00	22.30 -0.32 0.00	27.87 -0.40 0.00	44.84 -0.56 0.00	173.70 -2.57 0.00	19.32 -0.31 0.00	16.43 -0.15 0.00	9.66 -0.13 0.00	4.76 -0.04 0.00	6.34 -0.07 0.00	10.23 -0.12 0.00	12.83 -0.18 0.00	12.94 -0.16 0.00	16.91 -0.18 0.00	24.90 -0.32 0.00	23.67 -0.28 0.00	21.12 -0.37 0.00	19.85 -0.38 0.00	21.37 -0.40 0.00	18.75 -0.26 0.00
PROJECT___ORANGE 2 24166	18.61 -0.24 0.00	16.71 -0.24 0.00	18.08 -0.24 0.00	16.81 -0.18 0.00	18.30 -0.19 0.00	22.30 -0.32 0.00	27.87 -0.40 0.00	44.84 -0.56 0.00	173.70 -2.57 0.00	19.32 -0.31 0.00	16.43 -0.15 0.00	9.66 -0.13 0.00	4.76 -0.04 0.00	6.34 -0.07 0.00	10.23 -0.12 0.00	12.83 -0.18 0.00	12.94 -0.16 0.00	16.91 -0.18 0.00	24.90 -0.32 0.00	23.67 -0.28 0.00	21.12 -0.37 0.00	19.85 -0.38 0.00	21.37 -0.40 0.00	18.75 -0.26 0.00
PUCKETT___SOLAR 323809	18.97 0.12 0.00	16.94 -0.02 0.00	18.45 0.14 0.00	17.11 0.12 0.00	18.67 0.18 0.00	22.88 0.27 0.00	28.85 0.57 0.00	46.45 1.06 0.00	178.96 2.69 0.00	19.74 0.10 0.00	16.61 0.03 0.00	9.72 -0.07 0.00	4.79 -0.01 0.00	6.40 -0.01 0.00	10.27 -0.08 0.00	12.89 -0.12 0.00	13.03 -0.07 0.00	17.17 0.08 0.00	25.58 0.36 0.00	24.43 0.48 0.00	21.83 0.34 0.00	20.53 0.30 0.00	22.10 0.33 0.00	19.24 0.23 0.00
PYRITES___HYD 24023	24.15 -0.12 -5.43	20.55 -0.04 -3.63	21.43 0.03 -3.08	16.87 -0.12 0.00	18.52 0.04 0.00	22.87 0.26 0.00	28.22 -0.06 0.00	44.79 -0.60 0.00	174.88 -1.40 0.00	19.49 -0.15 0.00	16.36 -0.22 0.00	9.64 -0.15 0.00	4.71 -0.09 0.00	6.28 -0.13 0.00	10.09 -0.27 0.00	12.61 -0.40 0.00	12.72 -0.38 0.00	16.75 -0.34 0.00	25.19 -0.03 0.00	24.01 0.06 0.00	21.77 0.28 0.00	20.54 0.31 0.00	22.12 0.34 0.00	19.34 0.33 0.00
QUAKERRD_115KV_BK1 80622	17.66 -1.19 0.00	15.91 -1.04 0.00	17.29 -1.03 0.00	16.06 -0.93 0.00	17.58 -0.90 0.00	21.40 -1.21 0.00	26.72 -1.56 0.00	42.87 -2.53 0.00	166.93 -9.34 0.00	18.57 -1.06 0.00	15.89 -0.70 0.00	9.32 -0.47 0.00	4.61 -0.19 0.00	6.12 -0.29 0.00	9.87 -0.50 0.00	12.30 -0.72 0.00	12.40 -0.70 0.00	16.22 -0.87 0.00	23.92 -1.29 0.00	22.58 -1.37 0.00	20.07 -1.42 0.00	18.83 -1.40 0.00	20.29 -1.49 0.00	17.82 -1.19 0.00
QUENSBRY_115KV_TB8 356137	19.56 0.71 0.00	17.57 0.61 0.00	18.95 0.63 0.00	17.63 0.64 0.00	19.10 0.61 0.00	23.50 0.89 0.00	29.69 1.42 0.00	48.11 2.72 0.00	185.42 9.15 0.00	20.29 0.66 0.00	16.94 0.36 0.00	10.02 0.23 0.00	4.90 0.10 0.00	6.54 0.13 0.00	10.57 0.21 0.00	13.41 0.40 0.00	13.55 0.45 0.00	17.85 0.76 0.00	26.53 1.31 0.00	25.35 1.40 0.00	22.65 1.15 0.00	21.23 1.00 0.00	22.65 0.87 0.00	19.53 0.52 0.00
RAMAPO___LBMP 323565	19.47 0.62 0.00	17.47 0.51 0.00	18.79 0.47 0.00	17.50 0.51 0.00	18.92 0.44 0.00	23.17 0.56 0.00	29.53 1.25 0.00	47.63 2.24 0.00	183.90 7.63 0.00	20.30 0.67 0.00	17.05 0.47 0.00	10.10 0.31 0.00	4.94 0.14 0.00	6.61 0.20 0.00	10.74 0.39 0.00	13.54 0.54 0.00	13.65 0.56 0.00	17.72 0.63 0.00	26.00 0.79 0.00	24.81 0.87 0.00	22.11 0.62 0.00	20.73 0.50 0.00	22.25 0.48 0.00	19.30 0.29 0.00
RANKINE____ 23646	17.44 -1.41 0.00	15.73 -1.23 0.00	17.20 -1.12 0.00	15.98 -1.01 0.00	17.56 -0.92 0.00	21.30 -1.31 0.00	26.57 -1.71 0.00	42.55 -2.85 0.00	166.79 -9.48 0.00	18.72 -0.92 0.00	16.23 -0.35 0.00	9.45 -0.34 0.00	4.74 -0.07 0.00	6.25 -0.16 0.00	10.05 -0.30 0.00	12.45 -0.56 0.00	12.54 -0.56 0.00	16.37 -0.72 0.00	24.11 -1.11 0.00	22.54 -1.41 0.00	19.89 -1.60 0.00	18.59 -1.64 0.00	20.11 -1.66 0.00	17.68 -1.33 0.00
RAVENSWOOD_GT2_1 24244	19.58 0.73 0.00	17.57 0.61 0.00	18.87 0.55 0.00	17.58 0.59 0.00	18.98 0.50 0.00	23.23 0.62 0.00	29.69 1.41 0.00	47.93 2.53 0.00	185.01 8.73 0.00	20.50 0.87 0.00	17.20 0.62 0.00	10.19 0.40 0.00	4.99 0.18 0.00	6.67 0.26 0.00	10.85 0.49 0.00	13.68 0.67 0.00	13.81 0.71 0.00	17.89 0.81 0.00	26.16 0.94 0.00	24.97 1.02 0.00	22.24 0.75 0.00	20.86 0.62 0.00	22.36 0.59 0.00	19.37 0.36 0.00
RAVENSWOOD_GT2_2 24245	19.58 0.73 0.00	17.57 0.61 0.00	18.87 0.55 0.00	17.58 0.59 0.00	18.98 0.50 0.00	23.23 0.62 0.00	29.69 1.41 0.00	47.93 2.53 0.00	185.01 8.73 0.00	20.50 0.87 0.00	17.20 0.62 0.00	10.19 0.40 0.00	4.99 0.18 0.00	6.67 0.26 0.00	10.85 0.49 0.00	13.68 0.67 0.00	13.81 0.71 0.00	17.89 0.81 0.00	26.16 0.94 0.00	24.97 1.02 0.00	22.24 0.75 0.00	20.86 0.62 0.00	22.36 0.59 0.00	19.37 0.36 0.00
RAVENSWOOD_GT2_3 24246	19.59 0.74 0.00	17.57 0.62 0.00	18.87 0.56 0.00	17.59 0.60 0.00	18.99 0.51 0.00	23.25 0.63 0.00	29.70 1.42 0.00	47.94 2.55 0.00	185.16 8.89 0.00	20.51 0.88 0.00	17.21 0.63 0.00	10.20 0.41 0.00	4.99 0.19 0.00	6.68 0.27 0.00	10.85 0.50 0.00	13.69 0.68 0.00	13.82 0.72 0.00	17.90 0.81 0.00	26.17 0.96 0.00	24.98 1.03 0.00	22.25 0.76 0.00	20.86 0.63 0.00	22.37 0.60 0.00	19.38 0.37 0.00
RAVENSWOOD_GT2_4 24247	19.59 0.74 0.00	17.57 0.62 0.00	18.87 0.56 0.00	17.59 0.60 0.00	18.99 0.51 0.00	23.25 0.63 0.00	29.70 1.42 0.00	47.94 2.55 0.00	185.16 8.89 0.00	20.51 0.88 0.00	17.21 0.63 0.00	10.20 0.41 0.00	4.99 0.19 0.00	6.68 0.27 0.00	10.85 0.50 0.00	13.69 0.68 0.00	13.82 0.72 0.00	17.90 0.81 0.00	26.17 0.96 0.00	24.98 1.03 0.00	22.25 0.76 0.00	20.86 0.63 0.00	22.37 0.60 0.00	19.38 0.37 0.00



RAVENSWOOD_GT3_1 24248	19.58 0.73 0.00	17.57 0.61 0.00	18.87 0.55 0.00	17.58 0.59 0.00	18.98 0.50 0.00	23.23 0.62 0.00	29.69 1.42 0.00	47.93 2.53 0.00	185.08 8.81 0.00	20.50 0.87 0.00	17.20 0.62 0.00	10.19 0.40 0.00	4.99 0.18 0.00	6.67 0.26 0.00	10.85 0.49 0.00	13.68 0.67 0.00	13.81 0.71 0.00	17.89 0.81 0.00	26.16 0.94 0.00	24.97 1.02 0.00	22.24 0.75 0.00	20.86 0.62 0.00	22.36 0.59 0.00	19.37 0.36 0.00
RAVENSWOOD_GT3_2 24249	19.58 0.73 0.00	17.57 0.61 0.00	18.87 0.55 0.00	17.58 0.59 0.00	18.98 0.50 0.00	23.23 0.62 0.00	29.69 1.42 0.00	47.93 2.53 0.00	185.08 8.81 0.00	20.50 0.87 0.00	17.20 0.62 0.00	10.19 0.40 0.00	4.99 0.18 0.00	6.67 0.26 0.00	10.85 0.49 0.00	13.68 0.67 0.00	13.81 0.71 0.00	17.89 0.81 0.00	26.16 0.94 0.00	24.97 1.02 0.00	22.24 0.75 0.00	20.86 0.62 0.00	22.36 0.59 0.00	19.37 0.36 0.00
RAVENSWOOD_GT3_3 24250	19.60 0.75 0.00	17.59 0.63 0.00	18.89 0.57 0.00	17.60 0.61 0.00	19.01 0.53 0.00	23.27 0.66 0.00	29.72 1.45 0.00	47.99 2.59 0.00	185.34 9.07 0.00	20.53 0.90 0.00	17.23 0.65 0.00	10.21 0.42 0.00	4.99 0.19 0.00	6.69 0.27 0.00	10.86 0.51 0.00	13.70 0.69 0.00	13.83 0.74 0.00	17.92 0.83 0.00	26.20 0.98 0.00	25.00 1.05 0.00	22.28 0.79 0.00	20.89 0.65 0.00	22.39 0.62 0.00	19.39 0.39 0.00
RAVENSWOOD_GT3_4 24251	19.60 0.75 0.00	17.59 0.63 0.00	18.89 0.57 0.00	17.60 0.61 0.00	19.01 0.53 0.00	23.27 0.66 0.00	29.72 1.45 0.00	47.99 2.59 0.00	185.34 9.07 0.00	20.53 0.90 0.00	17.23 0.65 0.00	10.21 0.42 0.00	4.99 0.19 0.00	6.69 0.27 0.00	10.86 0.51 0.00	13.70 0.69 0.00	13.83 0.74 0.00	17.92 0.83 0.00	26.20 0.98 0.00	25.00 1.05 0.00	22.28 0.79 0.00	20.89 0.65 0.00	22.39 0.62 0.00	19.39 0.39 0.00
RAVENSWOOD_GT_1 23729	19.59 0.74 0.00	17.58 0.63 0.00	18.88 0.56 0.00	17.60 0.61 0.00	19.00 0.51 0.00	23.24 0.63 0.00	29.69 1.41 0.00	47.96 2.57 0.00	185.14 8.87 0.00	20.55 0.91 0.00	17.25 0.67 0.00	10.23 0.44 0.00	5.00 0.20 0.00	6.70 0.29 0.00	10.89 0.53 0.00	13.72 0.71 0.00	13.86 0.76 0.00	17.92 0.83 0.00	26.18 0.96 0.00	25.00 1.05 0.00	22.27 0.78 0.00	20.88 0.64 0.00	22.37 0.60 0.00	19.38 0.38 0.00
RAVENSWOOD_GT_10 24258	19.58 0.73 0.00	17.57 0.61 0.00	18.87 0.55 0.00	17.58 0.59 0.00	18.98 0.50 0.00	23.24 0.63 0.00	29.69 1.42 0.00	47.93 2.54 0.00	185.08 8.81 0.00	20.50 0.87 0.00	17.20 0.62 0.00	10.19 0.40 0.00	4.99 0.18 0.00	6.67 0.26 0.00	10.85 0.49 0.00	13.68 0.67 0.00	13.81 0.71 0.00	17.89 0.81 0.00	26.16 0.95 0.00	24.97 1.02 0.00	22.25 0.75 0.00	20.86 0.62 0.00	22.36 0.59 0.00	19.37 0.36 0.00
RAVENSWOOD_GT_11 24259	19.58 0.73 0.00	17.57 0.61 0.00	18.87 0.55 0.00	17.58 0.59 0.00	18.98 0.50 0.00	23.24 0.63 0.00	29.69 1.42 0.00	47.93 2.54 0.00	185.08 8.81 0.00	20.50 0.87 0.00	17.20 0.62 0.00	10.19 0.40 0.00	4.99 0.18 0.00	6.67 0.26 0.00	10.85 0.49 0.00	13.68 0.67 0.00	13.81 0.71 0.00	17.89 0.81 0.00	26.16 0.95 0.00	24.97 1.02 0.00	22.25 0.75 0.00	20.86 0.62 0.00	22.36 0.59 0.00	19.37 0.36 0.00
RAVENSWOOD_GT_4 24252	19.59 0.74 0.00	17.57 0.62 0.00	18.88 0.56 0.00	17.59 0.60 0.00	18.99 0.51 0.00	23.25 0.64 0.00	29.70 1.42 0.00	47.94 2.54 0.00	185.16 8.88 0.00	20.51 0.87 0.00	17.21 0.63 0.00	10.19 0.40 0.00	4.99 0.18 0.00	6.67 0.26 0.00	10.85 0.49 0.00	13.68 0.67 0.00	13.81 0.71 0.00	17.90 0.81 0.00	26.17 0.96 0.00	24.98 1.03 0.00	22.25 0.76 0.00	20.86 0.63 0.00	22.37 0.60 0.00	19.38 0.37 0.00
RAVENSWOOD_GT_5 24254	19.59 0.74 0.00	17.57 0.62 0.00	18.88 0.56 0.00	17.59 0.60 0.00	18.99 0.51 0.00	23.25 0.64 0.00	29.70 1.42 0.00	47.94 2.54 0.00	185.16 8.88 0.00	20.51 0.87 0.00	17.21 0.63 0.00	10.19 0.40 0.00	4.99 0.18 0.00	6.67 0.26 0.00	10.85 0.49 0.00	13.68 0.67 0.00	13.81 0.71 0.00	17.90 0.81 0.00	26.17 0.96 0.00	24.98 1.03 0.00	22.25 0.76 0.00	20.86 0.63 0.00	22.37 0.60 0.00	19.38 0.37 0.00
RAVENSWOOD_GT_6 24253	19.59 0.74 0.00	17.57 0.62 0.00	18.88 0.56 0.00	17.59 0.60 0.00	18.99 0.51 0.00	23.25 0.64 0.00	29.70 1.42 0.00	47.94 2.54 0.00	185.16 8.88 0.00	20.51 0.87 0.00	17.21 0.63 0.00	10.19 0.40 0.00	4.99 0.18 0.00	6.67 0.26 0.00	10.85 0.49 0.00	13.68 0.67 0.00	13.81 0.71 0.00	17.90 0.81 0.00	26.17 0.96 0.00	24.98 1.03 0.00	22.25 0.76 0.00	20.86 0.63 0.00	22.37 0.60 0.00	19.38 0.37 0.00
RAVENSWOOD_GT_7 24255	19.59 0.74 0.00	17.57 0.62 0.00	18.88 0.56 0.00	17.59 0.60 0.00	18.99 0.51 0.00	23.25 0.64 0.00	29.70 1.42 0.00	47.94 2.54 0.00	185.16 8.88 0.00	20.51 0.87 0.00	17.21 0.63 0.00	10.19 0.40 0.00	4.99 0.18 0.00	6.67 0.26 0.00	10.85 0.49 0.00	13.68 0.67 0.00	13.81 0.71 0.00	17.90 0.81 0.00	26.17 0.96 0.00	24.98 1.03 0.00	22.25 0.76 0.00	20.86 0.63 0.00	22.37 0.60 0.00	19.38 0.37 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	19.58 0.73 0.00	17.57 0.61 0.00	18.87 0.55 0.00	17.58 0.59 0.00	18.98 0.50 0.00	23.24 0.63 0.00	29.69 1.42 0.00	47.93 2.54 0.00	185.08 8.81 0.00	20.50 0.87 0.00	17.20 0.62 0.00	10.19 0.40 0.00	4.99 0.18 0.00	6.67 0.26 0.00	10.85 0.49 0.00	13.68 0.67 0.00	13.81 0.71 0.00	17.89 0.81 0.00	26.16 0.95 0.00	24.97 1.02 0.00	22.25 0.75 0.00	20.86 0.62 0.00	22.36 0.59 0.00	19.37 0.36 0.00
RAVENSWOOD_GT_9 24257	19.58 0.73 0.00	17.57 0.61 0.00	18.87 0.55 0.00	17.58 0.59 0.00	18.98 0.50 0.00	23.24 0.63 0.00	29.69 1.42 0.00	47.93 2.54 0.00	185.08 8.81 0.00	20.50 0.87 0.00	17.20 0.62 0.00	10.19 0.40 0.00	4.99 0.18 0.00	6.67 0.26 0.00	10.85 0.49 0.00	13.68 0.67 0.00	13.81 0.71 0.00	17.89 0.81 0.00	26.16 0.95 0.00	24.97 1.02 0.00	22.25 0.75 0.00	20.86 0.62 0.00	22.36 0.59 0.00	19.37 0.36 0.00
RAVENSWOOD___1 23533	19.55 0.70 0.00	17.55 0.59 0.00	18.84 0.52 0.00	17.56 0.58 0.00	18.96 0.48 0.00	23.19 0.58 0.00	29.64 1.36 0.00	47.89 2.50 0.00	184.85 8.58 0.00	20.50 0.86 0.00	17.21 0.63 0.00	10.21 0.41 0.00	4.99 0.19 0.00	6.68 0.27 0.00	10.87 0.51 0.00	13.70 0.69 0.00	13.83 0.73 0.00	17.89 0.80 0.00	26.13 0.91 0.00	24.95 1.00 0.00	22.23 0.74 0.00	20.84 0.61 0.00	22.33 0.56 0.00	19.35 0.34 0.00
RAVENSWOOD___2 23534	19.55 0.70 0.00	17.55 0.59 0.00	18.84 0.52 0.00	17.56 0.58 0.00	18.96 0.48 0.00	23.19 0.58 0.00	29.64 1.36 0.00	47.89 2.50 0.00	184.85 8.58 0.00	20.50 0.86 0.00	17.21 0.63 0.00	10.21 0.41 0.00	4.99 0.19 0.00	6.68 0.27 0.00	10.87 0.51 0.00	13.70 0.69 0.00	13.83 0.73 0.00	17.89 0.80 0.00	26.13 0.91 0.00	24.95 1.00 0.00	22.23 0.74 0.00	20.84 0.61 0.00	22.33 0.56 0.00	19.35 0.34 0.00



RAVENSWOOD___3 23535	19.58 0.73 0.00	17.57 0.61 0.00	18.87 0.55 0.00	17.58 0.59 0.00	18.98 0.50 0.00	23.23 0.62 0.00	29.69 1.42 0.00	47.93 2.53 0.00	185.09 8.81 0.00	20.50 0.87 0.00	17.20 0.62 0.00	10.19 0.40 0.00	4.99 0.18 0.00	6.67 0.26 0.00	10.85 0.50 0.00	13.68 0.67 0.00	13.81 0.71 0.00	17.90 0.81 0.00	26.16 0.95 0.00	24.97 1.02 0.00	22.24 0.75 0.00	20.86 0.62 0.00	22.36 0.59 0.00	19.37 0.36 0.00
RAVENSWOOD___4 23820	19.55 0.70 0.00	17.55 0.59 0.00	18.84 0.52 0.00	17.56 0.58 0.00	18.96 0.48 0.00	23.19 0.58 0.00	29.64 1.36 0.00	47.89 2.50 0.00	184.85 8.58 0.00	20.50 0.86 0.00	17.21 0.63 0.00	10.21 0.41 0.00	4.99 0.19 0.00	6.68 0.27 0.00	10.87 0.51 0.00	13.70 0.69 0.00	13.83 0.73 0.00	17.89 0.80 0.00	26.13 0.91 0.00	24.95 1.00 0.00	22.23 0.74 0.00	20.84 0.61 0.00	22.33 0.56 0.00	19.35 0.34 0.00
RCPL_TRUST___DRP 24196	19.60 0.74 0.00	17.58 0.62 0.00	18.89 0.57 0.00	17.59 0.61 0.00	19.00 0.52 0.00	23.26 0.65 0.00	29.74 1.47 0.00	48.01 2.62 0.00	185.43 9.15 0.00	20.53 0.90 0.00	17.23 0.65 0.00	10.21 0.42 0.00	4.99 0.19 0.00	6.69 0.27 0.00	10.86 0.51 0.00	13.71 0.70 0.00	13.83 0.74 0.00	17.92 0.83 0.00	26.19 0.97 0.00	24.99 1.04 0.00	22.26 0.77 0.00	20.87 0.63 0.00	22.37 0.60 0.00	19.37 0.37 0.00
RED___ROCHESTER 323720	18.00 -0.85 0.00	16.22 -0.74 0.00	17.64 -0.67 0.00	16.39 -0.60 0.00	17.97 -0.52 0.00	21.86 -0.75 0.00	27.28 -1.00 0.00	43.77 -1.63 0.00	170.77 -5.51 0.00	19.00 -0.64 0.00	16.33 -0.25 0.00	9.56 -0.23 0.00	4.73 -0.06 0.00	6.28 -0.13 0.00	10.12 -0.23 0.00	12.59 -0.42 0.00	12.70 -0.40 0.00	16.61 -0.47 0.00	24.51 -0.70 0.00	23.12 -0.83 0.00	20.53 -0.97 0.00	19.23 -1.01 0.00	20.72 -1.05 0.00	18.20 -0.81 0.00
REGAN___SOLAR 323812	20.54 1.68 0.00	18.41 1.45 0.00	19.88 1.56 0.00	18.46 1.47 0.00	20.15 1.67 0.00	24.78 2.17 0.00	31.37 3.10 0.00	50.39 4.99 0.00	194.27 17.99 0.00	21.13 1.49 0.00	17.66 1.08 0.00	10.35 0.56 0.00	5.06 0.26 0.00	6.75 0.34 0.00	10.87 0.52 0.00	13.60 0.59 0.00	13.83 0.73 0.00	18.39 1.30 0.00	27.79 2.58 0.00	26.77 2.82 0.00	23.91 2.42 0.00	22.39 2.15 0.00	24.02 2.24 0.00	20.86 1.85 0.00
RENSSELAER___COGEN 23796	19.33 0.48 0.00	17.38 0.42 0.00	18.74 0.42 0.00	17.42 0.43 0.00	18.86 0.38 0.00	23.09 0.48 0.00	29.13 0.86 0.00	47.08 1.68 0.00	181.35 5.08 0.00	20.02 0.39 0.00	16.83 0.25 0.00	9.98 0.18 0.00	4.88 0.08 0.00	6.53 0.11 0.00	10.58 0.22 0.00	13.34 0.33 0.00	13.42 0.32 0.00	17.46 0.37 0.00	25.76 0.55 0.00	24.57 0.62 0.00	21.95 0.46 0.00	20.66 0.42 0.00	22.19 0.42 0.00	19.24 0.24 0.00
REPUBLIC_115KV_BARTNBRK 55605	20.09 1.24 0.00	18.03 1.07 0.00	19.44 1.13 0.00	18.11 1.12 0.00	19.57 1.09 0.00	24.20 1.59 0.00	30.88 2.61 0.00	51.24 5.84 0.00	195.98 19.70 0.00	21.07 1.44 0.00	17.27 0.69 0.00	10.22 0.43 0.00	4.99 0.18 0.00	6.64 0.23 0.00	10.76 0.40 0.00	13.79 0.78 0.00	13.98 0.88 0.00	18.62 1.53 0.00	27.74 2.52 0.00	26.58 2.63 0.00	23.69 2.20 0.00	22.13 1.90 0.00	23.43 1.66 0.00	20.03 1.02 0.00
REVERE_CPPR_DRP 24186	19.23 0.38 0.00	17.28 0.33 0.00	18.77 0.45 0.00	17.45 0.46 0.00	19.02 0.54 0.00	23.38 0.77 0.00	29.46 1.18 0.00	47.61 2.21 0.00	184.62 8.34 0.00	20.78 1.15 0.00	17.45 0.87 0.00	10.23 0.44 0.00	4.98 0.18 0.00	6.60 0.19 0.00	10.61 0.25 0.00	13.23 0.21 0.00	13.44 0.34 0.00	17.92 0.83 0.00	27.15 1.94 0.00	25.99 2.04 0.00	23.12 1.63 0.00	21.66 1.43 0.00	23.26 1.49 0.00	20.31 1.30 0.00
REYNOLDS_115KV_TB3 80639	19.28 0.43 0.00	17.34 0.38 0.00	18.70 0.38 0.00	17.38 0.39 0.00	18.81 0.33 0.00	23.03 0.41 0.00	29.04 0.77 0.00	46.94 1.54 0.00	180.75 4.47 0.00	19.96 0.33 0.00	16.77 0.19 0.00	9.95 0.16 0.00	4.87 0.07 0.00	6.51 0.10 0.00	10.55 0.19 0.00	13.32 0.30 0.00	13.38 0.28 0.00	17.40 0.31 0.00	25.67 0.46 0.00	24.49 0.54 0.00	21.88 0.38 0.00	20.60 0.37 0.00	22.13 0.36 0.00	19.18 0.18 0.00
RIVERBAY____ 323610	19.57 0.71 0.00	17.53 0.58 0.00	18.83 0.52 0.00	17.55 0.56 0.00	18.97 0.49 0.00	23.21 0.60 0.00	29.66 1.39 0.00	48.00 2.60 0.00	184.79 8.52 0.00	20.47 0.83 0.00	17.17 0.59 0.00	10.17 0.38 0.00	4.97 0.17 0.00	6.65 0.24 0.00	10.82 0.47 0.00	13.64 0.63 0.00	13.78 0.68 0.00	17.83 0.74 0.00	26.02 0.80 0.00	24.90 0.96 0.00	22.20 0.71 0.00	20.82 0.59 0.00	22.29 0.52 0.00	19.34 0.34 0.00
RIVERSDE_115KV_TB3 55908	19.34 0.49 0.00	17.38 0.43 0.00	18.75 0.43 0.00	17.43 0.44 0.00	18.87 0.38 0.00	23.09 0.48 0.00	29.14 0.86 0.00	47.10 1.70 0.00	181.45 5.17 0.00	20.03 0.40 0.00	16.83 0.25 0.00	9.99 0.20 0.00	4.88 0.08 0.00	6.53 0.12 0.00	10.58 0.22 0.00	13.35 0.34 0.00	13.42 0.33 0.00	17.47 0.38 0.00	25.77 0.56 0.00	24.58 0.64 0.00	21.96 0.47 0.00	20.66 0.43 0.00	22.20 0.43 0.00	19.25 0.24 0.00
ROARING___BROOK_WT_PWR 323790	18.36 -0.49 0.00	16.62 -0.34 0.00	18.05 -0.26 0.00	16.75 -0.24 0.00	18.31 -0.17 0.00	22.51 -0.11 0.00	28.08 -0.19 0.00	44.87 -0.52 0.00	174.73 -1.54 0.00	19.58 -0.06 0.00	16.48 -0.10 0.00	9.72 -0.07 0.00	4.76 -0.04 0.00	6.33 -0.08 0.00	10.18 -0.17 0.00	12.74 -0.27 0.00	12.82 -0.27 0.00	16.78 -0.30 0.00	25.03 -0.18 0.00	23.82 -0.13 0.00	21.41 -0.08 0.00	20.15 -0.08 0.00	21.74 -0.03 0.00	19.05 0.04 0.00
ROCHESRG_115KV_T4 355643	17.82 -1.03 0.00	16.07 -0.89 0.00	17.49 -0.82 0.00	16.24 -0.75 0.00	17.80 -0.68 0.00	21.64 -0.97 0.00	26.99 -1.29 0.00	43.27 -2.13 0.00	168.83 -7.44 0.00	18.80 -0.84 0.00	16.16 -0.42 0.00	9.47 -0.32 0.00	4.69 -0.11 0.00	6.23 -0.18 0.00	10.03 -0.33 0.00	12.48 -0.54 0.00	12.58 -0.52 0.00	16.44 -0.65 0.00	24.24 -0.98 0.00	22.84 -1.11 0.00	20.28 -1.21 0.00	19.02 -1.22 0.00	20.50 -1.27 0.00	18.02 -0.98 0.00
ROCHESTER_9_IC 23652	17.92 -0.93 0.00	16.15 -0.80 0.00	17.58 -0.73 0.00	16.33 -0.66 0.00	17.90 -0.58 0.00	21.76 -0.85 0.00	27.15 -1.12 0.00	43.54 -1.86 0.00	169.89 -6.38 0.00	18.91 -0.72 0.00	16.26 -0.31 0.00	9.52 -0.27 0.00	4.72 -0.08 0.00	6.26 -0.15 0.00	10.08 -0.27 0.00	12.54 -0.48 0.00	12.65 -0.45 0.00	16.54 -0.55 0.00	24.39 -0.83 0.00	22.99 -0.96 0.00	20.42 -1.08 0.00	19.13 -1.10 0.00	20.62 -1.15 0.00	18.12 -0.89 0.00
ROCKVIEW_13_KV_LD 356306	19.63 0.78 0.00	17.61 0.65 0.00	18.93 0.61 0.00	17.63 0.64 0.00	19.04 0.56 0.00	23.32 0.70 0.00	29.75 1.48 0.00	48.01 2.61 0.00	185.36 9.08 0.00	20.52 0.89 0.00	17.21 0.63 0.00	10.19 0.40 0.00	4.99 0.18 0.00	6.67 0.26 0.00	10.84 0.49 0.00	13.68 0.66 0.00	13.81 0.71 0.00	17.90 0.82 0.00	26.23 1.02 0.00	25.04 1.09 0.00	22.31 0.82 0.00	20.92 0.68 0.00	22.43 0.66 0.00	19.44 0.43 0.00



ROME____115KV_TB2 80656	19.23 0.38 0.00	17.28 0.33 0.00	18.77 0.45 0.00	17.45 0.46 0.00	19.02 0.54 0.00	23.38 0.77 0.00	29.46 1.18 0.00	47.61 2.21 0.00	184.62 8.34 0.00	20.78 1.15 0.00	17.45 0.87 0.00	10.23 0.44 0.00	4.98 0.18 0.00	6.60 0.19 0.00	10.61 0.25 0.00	13.23 0.21 0.00	13.44 0.34 0.00	17.92 0.83 0.00	27.15 1.94 0.00	25.99 2.04 0.00	23.12 1.63 0.00	21.66 1.43 0.00	23.26 1.49 0.00	20.31 1.30 0.00
ROSETON____1 23587	19.39 0.54 0.00	17.40 0.44 0.00	18.73 0.41 0.00	17.43 0.44 0.00	18.84 0.36 0.00	23.06 0.45 0.00	29.32 1.05 0.00	47.34 1.94 0.00	182.69 6.41 0.00	20.20 0.57 0.00	16.96 0.38 0.00	10.04 0.25 0.00	4.91 0.11 0.00	6.58 0.17 0.00	10.68 0.32 0.00	13.47 0.46 0.00	13.58 0.48 0.00	17.63 0.54 0.00	25.89 0.67 0.00	24.71 0.76 0.00	22.04 0.54 0.00	20.68 0.45 0.00	22.20 0.43 0.00	19.25 0.24 0.00
ROSETON____2 23588	19.39 0.54 0.00	17.40 0.44 0.00	18.73 0.41 0.00	17.43 0.44 0.00	18.84 0.36 0.00	23.06 0.45 0.00	29.32 1.05 0.00	47.34 1.94 0.00	182.69 6.41 0.00	20.20 0.57 0.00	16.96 0.38 0.00	10.04 0.25 0.00	4.91 0.11 0.00	6.58 0.17 0.00	10.68 0.32 0.00	13.47 0.46 0.00	13.58 0.48 0.00	17.63 0.54 0.00	25.89 0.67 0.00	24.71 0.76 0.00	22.04 0.54 0.00	20.68 0.45 0.00	22.20 0.43 0.00	19.25 0.24 0.00
ROTTRDAM_115KV_TB3 80664	19.25 0.40 0.00	17.30 0.34 0.00	18.67 0.35 0.00	17.34 0.35 0.00	18.81 0.32 0.00	23.04 0.43 0.00	29.04 0.77 0.00	46.83 1.44 0.00	180.90 4.62 0.00	19.98 0.35 0.00	16.80 0.22 0.00	9.94 0.15 0.00	4.86 0.06 0.00	6.50 0.09 0.00	10.52 0.16 0.00	13.26 0.25 0.00	13.36 0.26 0.00	17.43 0.34 0.00	25.77 0.55 0.00	24.57 0.62 0.00	21.97 0.48 0.00	20.66 0.42 0.00	22.18 0.41 0.00	19.27 0.26 0.00
RUSSELL____1 23602	18.00 -0.85 0.00	16.22 -0.74 0.00	17.65 -0.67 0.00	16.39 -0.60 0.00	17.97 -0.52 0.00	21.86 -0.75 0.00	27.28 -1.00 0.00	43.76 -1.63 0.00	170.77 -5.51 0.00	18.99 -0.64 0.00	16.33 -0.25 0.00	9.56 -0.23 0.00	4.74 -0.06 0.00	6.28 -0.12 0.00	10.12 -0.23 0.00	12.59 -0.42 0.00	12.70 -0.40 0.00	16.61 -0.47 0.00	24.51 -0.70 0.00	23.11 -0.83 0.00	20.52 -0.97 0.00	19.23 -1.01 0.00	20.72 -1.05 0.00	18.19 -0.81 0.00
RUSSELL____2 23532	18.00 -0.85 0.00	16.22 -0.74 0.00	17.65 -0.67 0.00	16.39 -0.60 0.00	17.97 -0.52 0.00	21.86 -0.75 0.00	27.28 -1.00 0.00	43.76 -1.63 0.00	170.77 -5.51 0.00	18.99 -0.64 0.00	16.33 -0.25 0.00	9.56 -0.23 0.00	4.74 -0.06 0.00	6.28 -0.12 0.00	10.12 -0.23 0.00	12.59 -0.42 0.00	12.70 -0.40 0.00	16.61 -0.47 0.00	24.51 -0.70 0.00	23.11 -0.83 0.00	20.52 -0.97 0.00	19.23 -1.01 0.00	20.72 -1.05 0.00	18.19 -0.81 0.00
RUSSELL____3 23549	18.00 -0.85 0.00	16.22 -0.74 0.00	17.65 -0.67 0.00	16.39 -0.60 0.00	17.97 -0.52 0.00	21.86 -0.75 0.00	27.28 -1.00 0.00	43.76 -1.63 0.00	170.77 -5.51 0.00	18.99 -0.64 0.00	16.33 -0.25 0.00	9.56 -0.23 0.00	4.74 -0.06 0.00	6.28 -0.12 0.00	10.12 -0.23 0.00	12.59 -0.42 0.00	12.70 -0.40 0.00	16.61 -0.47 0.00	24.51 -0.70 0.00	23.11 -0.83 0.00	20.52 -0.97 0.00	19.23 -1.01 0.00	20.72 -1.05 0.00	18.19 -0.81 0.00
RUSSELL____4 23556	18.00 -0.85 0.00	16.22 -0.74 0.00	17.65 -0.67 0.00	16.39 -0.60 0.00	17.97 -0.52 0.00	21.86 -0.75 0.00	27.28 -1.00 0.00	43.76 -1.63 0.00	170.77 -5.51 0.00	18.99 -0.64 0.00	16.33 -0.25 0.00	9.56 -0.23 0.00	4.74 -0.06 0.00	6.28 -0.12 0.00	10.12 -0.23 0.00	12.59 -0.42 0.00	12.70 -0.40 0.00	16.61 -0.47 0.00	24.51 -0.70 0.00	23.11 -0.83 0.00	20.52 -0.97 0.00	19.23 -1.01 0.00	20.72 -1.05 0.00	18.19 -0.81 0.00
RUSSELL____STATION 23914	18.00 -0.85 0.00	16.22 -0.74 0.00	17.65 -0.67 0.00	16.39 -0.60 0.00	17.97 -0.52 0.00	21.86 -0.75 0.00	27.28 -1.00 0.00	43.76 -1.63 0.00	170.77 -5.51 0.00	18.99 -0.64 0.00	16.33 -0.25 0.00	9.56 -0.23 0.00	4.74 -0.06 0.00	6.28 -0.12 0.00	10.12 -0.23 0.00	12.59 -0.42 0.00	12.70 -0.40 0.00	16.61 -0.47 0.00	24.51 -0.70 0.00	23.11 -0.83 0.00	20.52 -0.97 0.00	19.23 -1.01 0.00	20.72 -1.05 0.00	18.19 -0.81 0.00
S SALMON____HYD 24043	18.15 -0.70 0.00	16.32 -0.64 0.00	17.73 -0.59 0.00	16.55 -0.44 0.00	18.06 -0.43 0.00	22.14 -0.47 0.00	27.72 -0.55 0.00	44.67 -0.73 0.00	173.03 -3.24 0.00	19.12 -0.51 0.00	16.15 -0.43 0.00	9.48 -0.31 0.00	4.65 -0.15 0.00	6.19 -0.22 0.00	9.95 -0.41 0.00	12.45 -0.56 0.00	12.57 -0.53 0.00	16.53 -0.56 0.00	24.66 -0.56 0.00	23.58 -0.37 0.00	21.00 -0.50 0.00	19.70 -0.53 0.00	21.25 -0.52 0.00	18.67 -0.33 0.00
S.PERRY__115KV_TB1 80734	18.38 -0.47 0.00	16.58 -0.38 0.00	17.92 -0.40 0.00	16.67 -0.32 0.00	18.35 -0.13 0.00	22.30 -0.32 0.00	28.15 -0.13 0.00	45.65 0.25 0.00	177.33 1.05 0.00	19.65 0.02 0.00	16.57 -0.01 0.00	9.61 -0.17 0.00	4.76 -0.05 0.00	6.33 -0.08 0.00	10.17 -0.18 0.00	12.70 -0.30 0.00	12.82 -0.28 0.00	16.86 -0.22 0.00	25.24 0.03 0.00	24.36 0.41 0.00	21.73 0.23 0.00	20.16 -0.07 0.00	21.59 -0.19 0.00	18.59 -0.42 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	17.23 -1.62 0.00	15.56 -1.39 0.00	17.03 -1.28 0.00	15.82 -1.17 0.00	17.40 -1.08 0.00	21.08 -1.53 0.00	26.20 -2.08 0.00	41.85 -3.55 0.00	164.22 -12.05 0.00	18.42 -1.22 0.00	16.00 -0.58 0.00	9.33 -0.46 0.00	4.67 -0.13 0.00	6.17 -0.24 0.00	9.92 -0.44 0.00	12.27 -0.74 0.00	12.36 -0.74 0.00	16.13 -0.96 0.00	23.72 -1.50 0.00	22.16 -1.79 0.00	19.56 -1.93 0.00	18.32 -1.91 0.00	19.81 -1.96 0.00	17.46 -1.55 0.00
SAWYER____23_KV_LOAD 55526	17.23 -1.62 0.00	15.56 -1.39 0.00	17.03 -1.28 0.00	15.82 -1.17 0.00	17.40 -1.08 0.00	21.08 -1.53 0.00	26.20 -2.08 0.00	41.85 -3.55 0.00	164.22 -12.05 0.00	18.42 -1.22 0.00	16.00 -0.58 0.00	9.33 -0.46 0.00	4.67 -0.13 0.00	6.17 -0.24 0.00	9.92 -0.44 0.00	12.27 -0.74 0.00	12.36 -0.74 0.00	16.13 -0.96 0.00	23.72 -1.50 0.00	22.16 -1.79 0.00	19.56 -1.93 0.00	18.32 -1.91 0.00	19.81 -1.96 0.00	17.46 -1.55 0.00
SELKIRK____I 23801	19.34 0.49 0.00	17.39 0.43 0.00	18.76 0.45 0.00	17.44 0.45 0.00	18.90 0.42 0.00	23.14 0.53 0.00	29.15 0.88 0.00	47.01 1.62 0.00	181.45 5.17 0.00	20.05 0.41 0.00	16.86 0.28 0.00	9.99 0.20 0.00	4.88 0.08 0.00	6.53 0.12 0.00	10.57 0.21 0.00	13.32 0.30 0.00	13.40 0.30 0.00	17.48 0.40 0.00	25.84 0.62 0.00	24.63 0.68 0.00	22.02 0.53 0.00	20.73 0.49 0.00	22.26 0.49 0.00	19.34 0.34 0.00
SELKIRK____II 23799	19.26 0.41 0.00	17.32 0.36 0.00	18.67 0.36 0.00	17.36 0.36 0.00	18.80 0.32 0.00	23.01 0.40 0.00	29.02 0.75 0.00	46.84 1.44 0.00	180.73 4.46 0.00	19.98 0.35 0.00	16.81 0.22 0.00	9.96 0.17 0.00	4.87 0.07 0.00	6.51 0.10 0.00	10.56 0.19 0.00	13.30 0.29 0.00	13.38 0.28 0.00	17.42 0.34 0.00	25.70 0.49 0.00	24.50 0.55 0.00	21.90 0.41 0.00	20.60 0.37 0.00	22.13 0.36 0.00	19.22 0.21 0.00



SENECA OSWGO___HYD 24041	18.47 -0.38 0.00	16.58 -0.38 0.00	17.93 -0.39 0.00	16.67 -0.31 0.00	18.14 -0.34 0.00	22.15 -0.47 0.00	27.69 -0.58 0.00	44.59 -0.80 0.00	172.79 -3.48 0.00	19.18 -0.45 0.00	16.27 -0.31 0.00	9.57 -0.21 0.00	4.71 -0.09 0.00	6.28 -0.13 0.00	10.13 -0.23 0.00	12.70 -0.31 0.00	12.81 -0.29 0.00	16.76 -0.33 0.00	24.70 -0.51 0.00	23.49 -0.45 0.00	20.98 -0.52 0.00	19.70 -0.54 0.00	21.21 -0.56 0.00	18.62 -0.39 0.00
SENECA___115KV_TB3 355854	17.47 -1.38 0.00	15.75 -1.21 0.00	17.23 -1.09 0.00	16.01 -0.98 0.00	17.59 -0.89 0.00	21.33 -1.28 0.00	26.62 -1.66 0.00	42.62 -2.78 0.00	167.06 -9.22 0.00	18.75 -0.89 0.00	16.27 -0.31 0.00	9.47 -0.32 0.00	4.74 -0.06 0.00	6.26 -0.15 0.00	10.07 -0.28 0.00	12.47 -0.54 0.00	12.56 -0.54 0.00	16.40 -0.68 0.00	24.15 -1.06 0.00	22.58 -1.37 0.00	19.92 -1.57 0.00	18.63 -1.61 0.00	20.14 -1.63 0.00	17.70 -1.30 0.00
SENECA___ENERGY 23797	18.44 -0.41 0.00	16.58 -0.38 0.00	17.92 -0.39 0.00	16.67 -0.32 0.00	18.21 -0.27 0.00	22.21 -0.40 0.00	27.87 -0.40 0.00	44.90 -0.50 0.00	173.99 -2.29 0.00	19.41 -0.22 0.00	16.59 0.01 0.00	9.67 -0.12 0.00	4.77 -0.03 0.00	6.36 -0.05 0.00	10.26 -0.10 0.00	12.86 -0.15 0.00	12.96 -0.14 0.00	17.01 -0.08 0.00	25.23 0.02 0.00	24.15 0.20 0.00	21.55 0.06 0.00	20.15 -0.08 0.00	21.64 -0.14 0.00	18.78 -0.23 0.00
SHOEMAKER___GT 23640	19.36 0.51 0.00	17.38 0.42 0.00	18.71 0.39 0.00	17.41 0.42 0.00	18.84 0.36 0.00	23.07 0.45 0.00	29.27 1.00 0.00	47.22 1.82 0.00	182.34 6.06 0.00	20.13 0.50 0.00	16.90 0.32 0.00	10.00 0.20 0.00	4.89 0.09 0.00	6.54 0.13 0.00	10.62 0.26 0.00	13.38 0.37 0.00	13.50 0.40 0.00	17.56 0.47 0.00	25.84 0.62 0.00	24.67 0.72 0.00	22.01 0.52 0.00	20.66 0.42 0.00	22.18 0.41 0.00	19.25 0.24 0.00
SHOEMAKR_138KV_BK 111 55601	19.35 0.50 0.00	17.37 0.41 0.00	18.70 0.39 0.00	17.40 0.42 0.00	18.83 0.35 0.00	23.07 0.45 0.00	29.27 1.00 0.00	47.21 1.81 0.00	182.34 6.06 0.00	20.14 0.51 0.00	16.91 0.33 0.00	10.00 0.21 0.00	4.90 0.10 0.00	6.55 0.14 0.00	10.63 0.27 0.00	13.40 0.38 0.00	13.51 0.41 0.00	17.57 0.48 0.00	25.84 0.63 0.00	24.66 0.71 0.00	22.00 0.51 0.00	20.65 0.42 0.00	22.18 0.41 0.00	19.25 0.24 0.00
SHOREHAM_IC_1 23715	19.83 0.98 0.00	17.74 0.78 0.00	19.03 0.72 0.00	17.79 0.80 0.00	19.09 0.61 0.00	23.47 0.85 0.00	30.15 1.88 0.00	48.30 2.90 0.00	187.04 10.76 0.00	20.80 1.17 0.00	17.12 0.54 0.00	10.04 0.25 0.00	4.88 0.08 0.00	6.48 0.06 0.00	10.53 0.17 0.00	13.49 0.48 0.00	14.05 0.96 0.00	17.97 0.88 0.00	26.31 1.10 0.00	25.22 1.27 0.00	22.38 0.89 0.00	20.89 0.66 0.00	22.49 0.72 0.00	19.48 0.47 0.00
SHOREHAM_IC_2 23716	19.83 0.98 0.00	17.74 0.78 0.00	19.03 0.72 0.00	17.79 0.80 0.00	19.09 0.61 0.00	23.47 0.85 0.00	30.15 1.88 0.00	48.30 2.90 0.00	187.04 10.76 0.00	20.80 1.17 0.00	17.12 0.54 0.00	10.04 0.25 0.00	4.88 0.08 0.00	6.48 0.06 0.00	10.53 0.17 0.00	13.49 0.48 0.00	14.05 0.96 0.00	17.97 0.88 0.00	26.31 1.10 0.00	25.22 1.27 0.00	22.38 0.89 0.00	20.89 0.66 0.00	22.49 0.72 0.00	19.48 0.47 0.00
SISSONVILLE___ 23735	24.28 -0.66 -6.08	20.52 -0.51 -4.07	21.32 -0.45 -3.46	16.43 -0.56 0.00	18.03 -0.45 0.00	22.27 -0.34 0.00	27.41 -0.86 0.00	43.52 -1.87 0.00	170.24 -6.03 0.00	19.09 -0.54 0.00	16.05 -0.53 0.00	9.47 -0.32 0.00	4.62 -0.18 0.00	6.16 -0.25 0.00	9.89 -0.47 0.00	12.36 -0.65 0.00	12.46 -0.64 0.00	16.39 -0.70 0.00	24.57 -0.64 0.00	23.38 -0.57 0.00	21.18 -0.32 0.00	19.99 -0.24 0.00	21.54 -0.23 0.00	18.85 -0.15 0.00
SITHE_IND_GS1 24169	18.35 -0.50 0.00	16.49 -0.47 0.00	17.83 -0.49 0.00	16.57 -0.42 0.00	18.03 -0.45 0.00	21.98 -0.63 0.00	27.42 -0.85 0.00	44.05 -1.34 0.00	170.54 -5.73 0.00	18.99 -0.65 0.00	16.16 -0.43 0.00	9.52 -0.27 0.00	4.68 -0.12 0.00	6.24 -0.17 0.00	10.07 -0.29 0.00	12.63 -0.38 0.00	12.73 -0.37 0.00	16.62 -0.47 0.00	24.43 -0.78 0.00	23.21 -0.74 0.00	20.74 -0.75 0.00	19.50 -0.73 0.00	21.02 -0.75 0.00	18.49 -0.51 0.00
SITHE_IND_GS2 24170	18.35 -0.50 0.00	16.49 -0.47 0.00	17.83 -0.49 0.00	16.57 -0.42 0.00	18.03 -0.45 0.00	21.98 -0.63 0.00	27.42 -0.85 0.00	44.05 -1.34 0.00	170.54 -5.73 0.00	18.99 -0.65 0.00	16.16 -0.43 0.00	9.52 -0.27 0.00	4.68 -0.12 0.00	6.24 -0.17 0.00	10.07 -0.29 0.00	12.63 -0.38 0.00	12.73 -0.37 0.00	16.62 -0.47 0.00	24.43 -0.78 0.00	23.21 -0.74 0.00	20.74 -0.75 0.00	19.50 -0.73 0.00	21.02 -0.75 0.00	18.49 -0.51 0.00
SITHE_IND_GS3 24171	18.35 -0.50 0.00	16.49 -0.47 0.00	17.83 -0.49 0.00	16.57 -0.42 0.00	18.03 -0.45 0.00	21.98 -0.63 0.00	27.42 -0.85 0.00	44.05 -1.34 0.00	170.54 -5.73 0.00	18.99 -0.65 0.00	16.16 -0.43 0.00	9.52 -0.27 0.00	4.68 -0.12 0.00	6.24 -0.17 0.00	10.07 -0.29 0.00	12.63 -0.38 0.00	12.73 -0.37 0.00	16.62 -0.47 0.00	24.43 -0.78 0.00	23.21 -0.74 0.00	20.74 -0.75 0.00	19.50 -0.73 0.00	21.02 -0.75 0.00	18.49 -0.51 0.00
SITHE_IND_GS4 24172	18.35 -0.50 0.00	16.49 -0.47 0.00	17.83 -0.49 0.00	16.57 -0.42 0.00	18.03 -0.45 0.00	21.98 -0.63 0.00	27.42 -0.85 0.00	44.05 -1.34 0.00	170.54 -5.73 0.00	18.99 -0.65 0.00	16.16 -0.43 0.00	9.52 -0.27 0.00	4.68 -0.12 0.00	6.24 -0.17 0.00	10.07 -0.29 0.00	12.63 -0.38 0.00	12.73 -0.37 0.00	16.62 -0.47 0.00	24.43 -0.78 0.00	23.21 -0.74 0.00	20.74 -0.75 0.00	19.50 -0.73 0.00	21.02 -0.75 0.00	18.49 -0.51 0.00
SITHE___BATAVIA 24024	17.77 -1.08 0.00	16.02 -0.94 0.00	17.50 -0.82 0.00	16.26 -0.73 0.00	17.88 -0.60 0.00	21.72 -0.89 0.00	27.09 -1.18 0.00	43.38 -2.02 0.00	169.82 -6.45 0.00	18.93 -0.70 0.00	16.33 -0.25 0.00	9.48 -0.31 0.00	4.72 -0.08 0.00	6.23 -0.18 0.00	10.01 -0.35 0.00	12.39 -0.63 0.00	12.51 -0.59 0.00	16.42 -0.66 0.00	24.32 -0.89 0.00	22.87 -1.08 0.00	20.22 -1.27 0.00	18.93 -1.31 0.00	20.41 -1.37 0.00	17.95 -1.06 0.00
SITHE___INDEPEND 23800	18.35 -0.50 0.00	16.49 -0.47 0.00	17.83 -0.49 0.00	16.57 -0.42 0.00	18.03 -0.45 0.00	21.98 -0.63 0.00	27.42 -0.85 0.00	44.05 -1.34 0.00	170.54 -5.73 0.00	18.98 -0.65 0.00	16.16 -0.43 0.00	9.52 -0.27 0.00	4.68 -0.12 0.00	6.24 -0.17 0.00	10.07 -0.29 0.00	12.63 -0.38 0.00	12.73 -0.37 0.00	16.61 -0.47 0.00	24.43 -0.78 0.00	23.21 -0.74 0.00	20.74 -0.75 0.00	19.50 -0.73 0.00	21.02 -0.75 0.00	18.49 -0.51 0.00
SITHE___MASSENA 23902	19.91 -0.06 -1.12	17.72 0.01 -0.75	19.00 0.04 -0.64	16.89 -0.10 0.00	18.51 0.03 0.00	22.74 0.13 0.00	28.11 -0.17 0.00	44.65 -0.74 0.00	174.58 -1.70 0.00	19.63 0.00 0.00	16.57 -0.01 0.00	9.78 -0.01 0.00	4.79 -0.01 0.00	6.38 -0.03 0.00	10.28 -0.08 0.00	12.86 -0.15 0.00	12.95 -0.15 0.00	16.95 -0.13 0.00	25.18 -0.03 0.00	23.88 -0.07 0.00	21.64 0.15 0.00	20.43 0.20 0.00	22.01 0.24 0.00	19.26 0.25 0.00



SITHE___OGDNSBRG 24021	23.03 0.03 -4.16	19.83 0.09 -2.78	20.83 0.16 -2.36	16.98 -0.01 0.00	18.63 0.15 0.00	22.98 0.36 0.00	28.36 0.09 0.00	45.03 -0.37 0.00	175.83 -0.44 0.00	19.61 -0.03 0.00	16.48 -0.10 0.00	9.72 -0.07 0.00	4.76 -0.05 0.00	6.34 -0.07 0.00	10.19 -0.16 0.00	12.74 -0.27 0.00	12.84 -0.26 0.00	16.87 -0.21 0.00	25.30 0.08 0.00	24.10 0.15 0.00	21.87 0.38 0.00	20.63 0.40 0.00	22.22 0.44 0.00	19.42 0.42 0.00
SITHE___STERLING 23777	19.14 0.29 0.00	17.20 0.24 0.00	18.64 0.33 0.00	17.33 0.34 0.00	18.88 0.40 0.00	23.17 0.56 0.00	29.17 0.89 0.00	47.21 1.81 0.00	182.97 6.69 0.00	19.87 0.23 0.00	16.72 0.14 0.00	9.86 0.07 0.00	4.83 0.03 0.00	6.45 0.04 0.00	10.43 0.07 0.00	13.09 0.08 0.00	13.20 0.10 0.00	17.33 0.25 0.00	25.88 0.66 0.00	24.82 0.87 0.00	22.15 0.66 0.00	20.81 0.58 0.00	22.35 0.58 0.00	19.49 0.48 0.00
SLEIGHT__34_KV_TB1 80719	18.15 -0.70 0.00	16.33 -0.63 0.00	17.72 -0.60 0.00	16.44 -0.55 0.00	18.00 -0.48 0.00	21.96 -0.65 0.00	27.46 -0.82 0.00	44.12 -1.27 0.00	171.60 -4.68 0.00	19.05 -0.58 0.00	16.25 -0.33 0.00	9.53 -0.26 0.00	4.71 -0.09 0.00	6.26 -0.15 0.00	10.10 -0.25 0.00	12.61 -0.40 0.00	12.72 -0.38 0.00	16.67 -0.42 0.00	24.63 -0.58 0.00	23.31 -0.64 0.00	20.74 -0.75 0.00	19.45 -0.78 0.00	20.92 -0.85 0.00	18.33 -0.67 0.00
SOUTH CAIRO___GT 23612	20.06 1.21 0.00	18.02 1.06 0.00	19.45 1.13 0.00	18.07 1.08 0.00	19.61 1.13 0.00	24.06 1.45 0.00	30.38 2.11 0.00	49.19 3.79 0.00	189.53 13.26 0.00	20.78 1.14 0.00	17.37 0.79 0.00	10.25 0.46 0.00	4.99 0.19 0.00	6.66 0.25 0.00	10.76 0.41 0.00	13.57 0.56 0.00	13.70 0.60 0.00	18.07 0.98 0.00	26.96 1.74 0.00	25.88 1.93 0.00	23.12 1.63 0.00	21.71 1.48 0.00	23.25 1.48 0.00	20.13 1.12 0.00
SOUTH HAMPTN___IC 23720	20.05 1.20 0.00	17.93 0.97 0.00	19.24 0.92 0.00	17.99 1.00 0.00	19.32 0.83 0.00	23.76 1.15 0.00	30.53 2.26 0.00	48.88 3.49 0.00	189.22 12.94 0.00	21.00 1.36 0.00	17.30 0.73 0.00	10.14 0.35 0.00	4.93 0.13 0.00	6.53 0.12 0.00	10.60 0.24 0.00	13.58 0.57 0.00	14.13 1.03 0.00	18.10 1.02 0.00	26.52 1.30 0.00	25.45 1.50 0.00	22.58 1.09 0.00	21.04 0.81 0.00	22.62 0.85 0.00	19.59 0.58 0.00
SOUTHDOW__115KV_TB1 355954	18.00 -0.85 0.00	16.14 -0.82 0.00	17.78 -0.54 0.00	16.51 -0.48 0.00	17.89 -0.59 0.00	21.91 -0.70 0.00	27.85 -0.43 0.00	44.71 -0.69 0.00	174.86 -1.41 0.00	19.58 -0.06 0.00	16.98 0.40 0.00	9.85 0.06 0.00	4.94 0.14 0.00	6.55 0.14 0.00	10.55 0.18 0.00	13.11 0.09 0.00	13.16 0.06 0.00	17.19 0.10 0.00	25.25 0.03 0.00	23.47 -0.48 0.00	20.71 -0.79 0.00	19.26 -0.97 0.00	20.80 -0.97 0.00	18.27 -0.74 0.00
SOUTHOLD_69_KV_BK 2 55809	20.33 1.48 0.00	18.17 1.21 0.00	19.51 1.19 0.00	18.23 1.24 0.00	19.60 1.12 0.00	24.11 1.50 0.00	31.01 2.73 0.00	49.68 4.29 0.00	192.20 15.92 0.00	21.28 1.65 0.00	17.52 0.94 0.00	10.26 0.47 0.00	4.98 0.18 0.00	6.56 0.15 0.00	10.64 0.28 0.00	13.64 0.62 0.00	14.20 1.10 0.00	18.21 1.12 0.00	26.74 1.52 0.00	25.73 1.78 0.00	22.81 1.32 0.00	21.18 0.95 0.00	22.74 0.97 0.00	19.68 0.67 0.00
SOUTHOLD___IC 23719	20.33 1.48 0.00	18.17 1.22 0.00	19.51 1.19 0.00	18.23 1.24 0.00	19.60 1.11 0.00	24.12 1.50 0.00	31.01 2.73 0.00	49.68 4.29 0.00	192.20 15.92 0.00	21.28 1.64 0.00	17.52 0.94 0.00	10.26 0.47 0.00	4.98 0.18 0.00	6.56 0.15 0.00	10.64 0.28 0.00	13.64 0.62 0.00	14.20 1.10 0.00	18.21 1.12 0.00	26.74 1.52 0.00	25.73 1.78 0.00	22.81 1.32 0.00	21.18 0.95 0.00	22.74 0.97 0.00	19.68 0.67 0.00
SOUTH_FORK_WT_PWR 323839	20.35 1.50 0.00	18.19 1.23 0.00	19.52 1.21 0.00	18.25 1.26 0.00	19.62 1.14 0.00	24.14 1.53 0.00	31.05 2.77 0.00	49.74 4.34 0.00	192.46 16.18 0.00	21.30 1.67 0.00	17.54 0.96 0.00	10.26 0.47 0.00	4.97 0.17 0.00	6.54 0.13 0.00	10.60 0.24 0.00	13.58 0.57 0.00	14.14 1.05 0.00	18.13 1.05 0.00	26.63 1.42 0.00	25.68 1.73 0.00	22.76 1.27 0.00	21.09 0.86 0.00	22.63 0.86 0.00	19.58 0.58 0.00
SPIERFLS_115KV_TB 1 80737	19.48 0.63 0.00	17.50 0.54 0.00	18.87 0.55 0.00	17.55 0.56 0.00	19.02 0.54 0.00	23.39 0.77 0.00	29.57 1.30 0.00	47.93 2.54 0.00	184.70 8.42 0.00	20.21 0.58 0.00	16.88 0.30 0.00	9.99 0.20 0.00	4.88 0.08 0.00	6.52 0.11 0.00	10.54 0.18 0.00	13.36 0.34 0.00	13.49 0.39 0.00	17.74 0.65 0.00	26.35 1.13 0.00	25.17 1.22 0.00	22.49 1.00 0.00	21.09 0.86 0.00	22.52 0.75 0.00	19.45 0.44 0.00
ST LAWRENCE____ 23600	18.67 -0.18 0.00	16.86 -0.10 0.00	18.23 -0.09 0.00	16.78 -0.21 0.00	18.37 -0.11 0.00	22.55 -0.06 0.00	27.89 -0.39 0.00	44.34 -1.06 0.00	173.34 -2.94 0.00	19.51 -0.12 0.00	16.47 -0.11 0.00	9.72 -0.07 0.00	4.76 -0.04 0.00	6.35 -0.06 0.00	10.23 -0.12 0.00	12.81 -0.20 0.00	12.90 -0.20 0.00	16.86 -0.22 0.00	25.01 -0.21 0.00	23.69 -0.26 0.00	21.47 -0.02 0.00	20.27 0.04 0.00	21.84 0.07 0.00	19.10 0.10 0.00
STATE_CA_115KV_115_LB 55624	19.44 0.59 0.00	17.47 0.51 0.00	18.83 0.52 0.00	17.51 0.52 0.00	18.96 0.48 0.00	23.21 0.60 0.00	29.30 1.03 0.00	47.36 1.97 0.00	182.58 6.30 0.00	20.16 0.52 0.00	16.93 0.35 0.00	10.04 0.25 0.00	4.91 0.11 0.00	6.57 0.16 0.00	10.64 0.28 0.00	13.43 0.42 0.00	13.51 0.41 0.00	17.59 0.50 0.00	25.95 0.73 0.00	24.74 0.79 0.00	22.10 0.60 0.00	20.78 0.55 0.00	22.32 0.55 0.00	19.35 0.35 0.00
STATE_ST_34_KV_LOAD 55959	18.84 -0.01 0.00	16.93 -0.03 0.00	18.29 -0.03 0.00	16.99 0.01 0.00	18.56 0.08 0.00	22.64 0.02 0.00	28.29 0.01 0.00	45.51 0.11 0.00	176.24 -0.04 0.00	19.55 -0.08 0.00	16.58 0.00 0.00	9.72 -0.07 0.00	4.79 -0.01 0.00	6.38 -0.03 0.00	10.34 -0.03 0.00	12.96 -0.05 0.00	13.05 -0.04 0.00	17.08 -0.01 0.00	25.32 0.10 0.00	24.13 0.18 0.00	21.53 0.04 0.00	20.21 -0.02 0.00	21.71 -0.06 0.00	18.93 -0.08 0.00
STATION 5_MISC_HYD 23604	17.92 -0.93 0.00	16.15 -0.80 0.00	17.58 -0.74 0.00	16.33 -0.66 0.00	17.90 -0.58 0.00	21.77 -0.84 0.00	27.15 -1.12 0.00	43.54 -1.85 0.00	169.89 -6.39 0.00	18.91 -0.72 0.00	16.26 -0.32 0.00	9.52 -0.27 0.00	4.72 -0.08 0.00	6.26 -0.15 0.00	10.08 -0.27 0.00	12.54 -0.47 0.00	12.65 -0.45 0.00	16.54 -0.55 0.00	24.39 -0.83 0.00	22.99 -0.95 0.00	20.42 -1.08 0.00	19.13 -1.10 0.00	20.62 -1.15 0.00	18.12 -0.89 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	18.29 -0.56 0.00	16.46 -0.50 0.00	17.86 -0.45 0.00	16.60 -0.39 0.00	18.16 -0.32 0.00	22.15 -0.46 0.00	27.74 -0.53 0.00	44.59 -0.80 0.00	173.46 -2.81 0.00	19.32 -0.31 0.00	16.95 0.37 0.00	9.93 0.13 0.00	4.90 0.10 0.00	6.51 0.10 0.00	10.48 0.12 0.00	13.07 0.06 0.00	13.20 0.11 0.00	17.34 0.25 0.00	25.66 0.45 0.00	24.33 0.38 0.00	21.75 0.25 0.00	20.30 0.06 0.00	21.79 0.02 0.00	18.94 -0.07 0.00



STA_56___34_KV_BUS2_REV_LBMP_B 345033	17.88 -0.97 0.00	16.11 -0.84 0.00	17.52 -0.79 0.00	16.28 -0.71 0.00	17.83 -0.65 0.00	21.70 -0.91 0.00	27.08 -1.19 0.00	43.45 -1.95 0.00	169.46 -6.81 0.00	18.86 -0.77 0.00	16.19 -0.39 0.00	9.48 -0.31 0.00	4.70 -0.10 0.00	6.23 -0.18 0.00	10.04 -0.32 0.00	12.50 -0.52 0.00	12.60 -0.50 0.00	16.49 -0.60 0.00	24.33 -0.89 0.00	22.94 -1.01 0.00	20.37 -1.12 0.00	19.10 -1.14 0.00	20.57 -1.20 0.00	18.06 -0.94 0.00
STA_56___34_KV_BUS2 355883	17.88 -0.97 0.00	16.11 -0.84 0.00	17.52 -0.79 0.00	16.28 -0.71 0.00	17.83 -0.65 0.00	21.70 -0.91 0.00	27.08 -1.19 0.00	43.45 -1.95 0.00	169.46 -6.81 0.00	18.86 -0.77 0.00	16.19 -0.39 0.00	9.48 -0.31 0.00	4.70 -0.10 0.00	6.23 -0.18 0.00	10.04 -0.32 0.00	12.50 -0.52 0.00	12.60 -0.50 0.00	16.49 -0.60 0.00	24.33 -0.89 0.00	22.94 -1.01 0.00	20.37 -1.12 0.00	19.10 -1.14 0.00	20.57 -1.20 0.00	18.06 -0.94 0.00
STA_67___115KV_BK2 355882	17.88 -0.97 0.00	16.12 -0.84 0.00	17.55 -0.77 0.00	16.30 -0.69 0.00	17.86 -0.62 0.00	21.72 -0.89 0.00	27.09 -1.18 0.00	43.44 -1.95 0.00	169.54 -6.74 0.00	18.87 -0.77 0.00	16.23 -0.35 0.00	9.50 -0.29 0.00	4.71 -0.09 0.00	6.25 -0.16 0.00	10.06 -0.30 0.00	12.52 -0.50 0.00	12.62 -0.48 0.00	16.50 -0.59 0.00	24.33 -0.88 0.00	22.94 -1.01 0.00	20.36 -1.13 0.00	19.09 -1.14 0.00	20.58 -1.19 0.00	18.08 -0.93 0.00
STA_7___115KV_9TRANS 80674	18.00 -0.85 0.00	16.22 -0.74 0.00	17.65 -0.67 0.00	16.39 -0.60 0.00	17.97 -0.52 0.00	21.86 -0.75 0.00	27.28 -1.00 0.00	43.76 -1.63 0.00	170.77 -5.51 0.00	18.99 -0.64 0.00	16.33 -0.25 0.00	9.56 -0.23 0.00	4.74 -0.06 0.00	6.28 -0.12 0.00	10.12 -0.23 0.00	12.59 -0.42 0.00	12.70 -0.40 0.00	16.61 -0.47 0.00	24.51 -0.70 0.00	23.11 -0.83 0.00	20.52 -0.97 0.00	19.23 -1.01 0.00	20.72 -1.05 0.00	18.19 -0.81 0.00
STA_82___115KV_TB1 80780	17.89 -0.96 0.00	16.13 -0.83 0.00	17.55 -0.76 0.00	16.30 -0.68 0.00	17.87 -0.61 0.00	21.74 -0.88 0.00	27.11 -1.17 0.00	43.46 -1.94 0.00	169.62 -6.66 0.00	18.88 -0.76 0.00	16.24 -0.34 0.00	9.51 -0.29 0.00	4.71 -0.09 0.00	6.25 -0.16 0.00	10.07 -0.29 0.00	12.52 -0.50 0.00	12.63 -0.47 0.00	16.51 -0.58 0.00	24.36 -0.86 0.00	22.96 -0.99 0.00	20.39 -1.11 0.00	19.10 -1.13 0.00	20.59 -1.18 0.00	18.09 -0.92 0.00
STEEL___WIND 323596	17.45 -1.40 0.00	15.73 -1.23 0.00	17.19 -1.13 0.00	15.98 -1.01 0.00	17.56 -0.92 0.00	21.31 -1.31 0.00	26.56 -1.71 0.00	42.57 -2.83 0.00	166.80 -9.48 0.00	18.73 -0.91 0.00	16.23 -0.35 0.00	9.45 -0.34 0.00	4.73 -0.07 0.00	6.25 -0.16 0.00	10.05 -0.30 0.00	12.45 -0.57 0.00	12.54 -0.56 0.00	16.38 -0.71 0.00	24.12 -1.10 0.00	22.55 -1.40 0.00	19.91 -1.59 0.00	18.61 -1.62 0.00	20.12 -1.65 0.00	17.68 -1.32 0.00
STEPHTWN_115KV_BK_2 55603	19.49 0.64 0.00	17.52 0.56 0.00	18.89 0.57 0.00	17.56 0.57 0.00	19.02 0.54 0.00	23.33 0.72 0.00	29.47 1.19 0.00	47.52 2.13 0.00	183.30 7.02 0.00	20.18 0.54 0.00	16.95 0.37 0.00	10.05 0.26 0.00	4.91 0.11 0.00	6.57 0.16 0.00	10.64 0.28 0.00	13.45 0.43 0.00	13.52 0.42 0.00	17.69 0.60 0.00	26.17 0.95 0.00	24.86 0.91 0.00	22.22 0.73 0.00	20.87 0.63 0.00	22.41 0.64 0.00	19.43 0.42 0.00
STEUBEN_REC_LFGE 323667	17.74 -1.11 0.00	16.17 -0.78 0.00	17.25 -1.07 0.00	16.10 -0.89 0.00	17.86 -0.62 0.00	21.45 -1.16 0.00	27.27 -1.01 0.00	44.40 -0.99 0.00	172.81 -3.46 0.00	19.51 -0.13 0.00	16.52 -0.06 0.00	9.55 -0.24 0.00	4.72 -0.08 0.00	6.30 -0.11 0.00	10.11 -0.25 0.00	12.68 -0.33 0.00	12.75 -0.35 0.00	16.88 -0.20 0.00	25.32 0.10 0.00	24.45 0.50 0.00	21.83 0.34 0.00	20.12 -0.11 0.00	21.49 -0.28 0.00	18.21 -0.80 0.00
STILLWATER___SOLAR 323814	19.47 0.62 0.00	17.49 0.54 0.00	18.87 0.55 0.00	17.54 0.55 0.00	19.01 0.53 0.00	23.34 0.72 0.00	29.47 1.20 0.00	47.66 2.26 0.00	183.59 7.31 0.00	20.14 0.51 0.00	16.85 0.27 0.00	9.98 0.19 0.00	4.88 0.08 0.00	6.52 0.11 0.00	10.55 0.18 0.00	13.33 0.32 0.00	13.45 0.35 0.00	17.62 0.54 0.00	26.13 0.91 0.00	24.94 0.99 0.00	22.30 0.80 0.00	20.95 0.72 0.00	22.43 0.66 0.00	19.42 0.41 0.00
STONY___BROOK 24151	19.93 1.08 0.00	17.83 0.87 0.00	19.12 0.81 0.00	17.83 0.84 0.00	19.17 0.69 0.00	23.56 0.95 0.00	30.21 1.94 0.00	48.41 3.02 0.00	187.13 10.86 0.00	20.72 1.08 0.00	17.19 0.61 0.00	10.09 0.30 0.00	4.92 0.12 0.00	6.55 0.14 0.00	10.65 0.29 0.00	13.63 0.62 0.00	14.07 0.97 0.00	18.10 1.02 0.00	26.47 1.25 0.00	25.33 1.38 0.00	22.49 1.00 0.00	21.00 0.77 0.00	22.62 0.85 0.00	19.57 0.56 0.00
STURGEON_POOL_HYD 23609	19.37 0.52 0.00	17.37 0.42 0.00	18.68 0.37 0.00	17.40 0.41 0.00	18.79 0.31 0.00	22.99 0.38 0.00	29.31 1.03 0.00	47.32 1.93 0.00	182.68 6.40 0.00	20.19 0.55 0.00	16.94 0.37 0.00	10.03 0.24 0.00	4.90 0.10 0.00	6.56 0.16 0.00	10.68 0.32 0.00	13.48 0.47 0.00	13.59 0.49 0.00	17.65 0.56 0.00	25.92 0.71 0.00	24.76 0.81 0.00	22.08 0.59 0.00	20.70 0.47 0.00	22.22 0.44 0.00	19.25 0.24 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	19.43 0.58 0.00	17.43 0.48 0.00	18.76 0.44 0.00	17.47 0.48 0.00	18.89 0.40 0.00	23.14 0.52 0.00	29.43 1.16 0.00	47.48 2.08 0.00	183.24 6.96 0.00	20.25 0.61 0.00	17.00 0.42 0.00	10.06 0.27 0.00	4.92 0.12 0.00	6.59 0.18 0.00	10.70 0.35 0.00	13.49 0.48 0.00	13.60 0.50 0.00	17.67 0.58 0.00	25.95 0.74 0.00	24.77 0.82 0.00	22.08 0.59 0.00	20.71 0.48 0.00	22.24 0.47 0.00	19.28 0.28 0.00
SWANROAD_115KV_TB1 355699	16.82 -2.03 0.00	15.21 -1.74 0.00	16.67 -1.65 0.00	15.48 -1.51 0.00	17.04 -1.44 0.00	20.61 -2.00 0.00	25.55 -2.73 0.00	40.70 -4.70 0.00	159.91 -16.37 0.00	17.96 -1.68 0.00	15.63 -0.96 0.00	9.12 -0.67 0.00	4.56 -0.24 0.00	6.01 -0.39 0.00	9.67 -0.69 0.00	11.94 -1.07 0.00	12.05 -1.05 0.00	15.71 -1.38 0.00	23.06 -2.15 0.00	21.55 -2.40 0.00	19.02 -2.48 0.00	17.83 -2.41 0.00	19.29 -2.48 0.00	17.04 -1.97 0.00
SYNERGY___BIOGAS 323694	17.77 -1.08 0.00	16.02 -0.94 0.00	17.50 -0.82 0.00	16.26 -0.73 0.00	17.88 -0.60 0.00	21.72 -0.89 0.00	27.09 -1.18 0.00	43.38 -2.02 0.00	169.82 -6.45 0.00	18.93 -0.70 0.00	16.33 -0.25 0.00	9.48 -0.31 0.00	4.72 -0.08 0.00	6.23 -0.18 0.00	10.01 -0.35 0.00	12.39 -0.63 0.00	12.51 -0.59 0.00	16.42 -0.66 0.00	24.32 -0.89 0.00	22.87 -1.08 0.00	20.22 -1.27 0.00	18.93 -1.31 0.00	20.41 -1.37 0.00	17.95 -1.06 0.00
SYRACUSE___ENERGY_ST1 323597	18.75 -0.10 0.00	16.84 -0.12 0.00	18.21 -0.11 0.00	16.91 -0.08 0.00	18.43 -0.05 0.00	22.49 -0.12 0.00	28.12 -0.16 0.00	45.23 -0.16 0.00	175.28 -0.99 0.00	19.47 -0.16 0.00	16.52 -0.06 0.00	9.71 -0.07 0.00	4.78 -0.02 0.00	6.37 -0.04 0.00	10.28 -0.07 0.00	12.90 -0.11 0.00	13.01 -0.09 0.00	17.02 -0.07 0.00	25.09 -0.12 0.00	23.86 -0.09 0.00	21.30 -0.20 0.00	20.00 -0.24 0.00	21.53 -0.24 0.00	18.86 -0.15 0.00



SYRACUSE___ENERGY_ST2 323598	18.75 -0.10 0.00	16.84 -0.12 0.00	18.21 -0.11 0.00	16.91 -0.08 0.00	18.43 -0.05 0.00	22.49 -0.12 0.00	28.12 -0.16 0.00	45.23 -0.16 0.00	175.28 -0.99 0.00	19.47 -0.16 0.00	16.52 -0.06 0.00	9.71 -0.07 0.00	4.78 -0.02 0.00	6.37 -0.04 0.00	10.28 -0.07 0.00	12.90 -0.11 0.00	13.01 -0.09 0.00	17.02 -0.07 0.00	25.09 -0.12 0.00	23.86 -0.09 0.00	21.30 -0.20 0.00	20.00 -0.24 0.00	21.53 -0.24 0.00	18.86 -0.15 0.00
SYRACUSE___POWER 24017	18.71 -0.13 0.00	16.80 -0.16 0.00	18.17 -0.15 0.00	16.89 -0.10 0.00	18.39 -0.09 0.00	22.43 -0.18 0.00	28.06 -0.21 0.00	45.16 -0.23 0.00	174.94 -1.34 0.00	19.43 -0.21 0.00	16.49 -0.09 0.00	9.70 -0.09 0.00	4.77 -0.03 0.00	6.36 -0.05 0.00	10.26 -0.09 0.00	12.87 -0.14 0.00	12.98 -0.11 0.00	16.98 -0.10 0.00	25.04 -0.17 0.00	23.82 -0.12 0.00	21.27 -0.22 0.00	19.97 -0.26 0.00	21.51 -0.26 0.00	18.85 -0.16 0.00
TALLMAN__138KV_BK151 55660	19.53 0.68 0.00	17.51 0.55 0.00	18.83 0.51 0.00	17.54 0.55 0.00	18.96 0.48 0.00	23.23 0.61 0.00	29.62 1.34 0.00	47.77 2.38 0.00	184.44 8.16 0.00	20.37 0.74 0.00	17.10 0.53 0.00	10.13 0.34 0.00	4.95 0.15 0.00	6.63 0.22 0.00	10.78 0.43 0.00	13.59 0.58 0.00	13.70 0.61 0.00	17.78 0.69 0.00	26.08 0.87 0.00	24.89 0.94 0.00	22.17 0.68 0.00	20.79 0.56 0.00	22.31 0.54 0.00	19.34 0.33 0.00
TEALLAVE_115KV_TB7 355573	18.60 -0.25 0.00	16.71 -0.25 0.00	18.07 -0.25 0.00	16.80 -0.19 0.00	18.29 -0.19 0.00	22.28 -0.33 0.00	27.85 -0.42 0.00	44.81 -0.59 0.00	173.62 -2.66 0.00	19.30 -0.33 0.00	16.41 -0.17 0.00	9.65 -0.13 0.00	4.75 -0.05 0.00	6.33 -0.07 0.00	10.22 -0.13 0.00	12.82 -0.19 0.00	12.92 -0.18 0.00	16.89 -0.20 0.00	24.87 -0.34 0.00	23.64 -0.31 0.00	21.10 -0.39 0.00	19.83 -0.40 0.00	21.35 -0.42 0.00	18.74 -0.27 0.00
TELEGRAPH_34_KV_EAST 80808	17.38 -1.47 0.00	15.70 -1.26 0.00	17.17 -1.15 0.00	15.95 -1.04 0.00	17.55 -0.93 0.00	21.28 -1.33 0.00	26.47 -1.80 0.00	42.30 -3.10 0.00	165.87 -10.40 0.00	18.55 -1.08 0.00	16.07 -0.51 0.00	9.35 -0.44 0.00	4.67 -0.13 0.00	6.16 -0.25 0.00	9.90 -0.46 0.00	12.24 -0.77 0.00	12.35 -0.74 0.00	16.17 -0.92 0.00	23.85 -1.37 0.00	22.34 -1.61 0.00	19.74 -1.76 0.00	18.49 -1.75 0.00	19.96 -1.81 0.00	17.59 -1.41 0.00
TEMPLE___115KV_TB 2 55572	18.61 -0.24 0.00	16.71 -0.24 0.00	18.08 -0.24 0.00	16.81 -0.18 0.00	18.30 -0.19 0.00	22.30 -0.32 0.00	27.87 -0.40 0.00	44.84 -0.56 0.00	173.70 -2.57 0.00	19.32 -0.31 0.00	16.43 -0.15 0.00	9.66 -0.13 0.00	4.76 -0.04 0.00	6.34 -0.07 0.00	10.23 -0.12 0.00	12.83 -0.18 0.00	12.94 -0.16 0.00	16.91 -0.18 0.00	24.90 -0.32 0.00	23.67 -0.28 0.00	21.12 -0.37 0.00	19.85 -0.38 0.00	21.37 -0.40 0.00	18.75 -0.26 0.00
TIANA____69_KV_BK 1 55817	20.00 1.15 0.00	17.88 0.92 0.00	19.19 0.87 0.00	17.94 0.95 0.00	19.26 0.78 0.00	23.69 1.08 0.00	30.43 2.16 0.00	48.74 3.35 0.00	188.62 12.34 0.00	20.94 1.31 0.00	17.26 0.68 0.00	10.11 0.32 0.00	4.92 0.12 0.00	6.52 0.11 0.00	10.60 0.23 0.00	13.58 0.56 0.00	14.12 1.02 0.00	18.09 1.00 0.00	26.49 1.28 0.00	25.41 1.46 0.00	22.54 1.05 0.00	21.02 0.79 0.00	22.62 0.85 0.00	19.59 0.58 0.00
TILDEN___115KV_TB1 80814	18.71 -0.13 0.00	16.80 -0.16 0.00	18.17 -0.15 0.00	16.89 -0.10 0.00	18.39 -0.09 0.00	22.43 -0.18 0.00	28.06 -0.21 0.00	45.16 -0.23 0.00	174.94 -1.34 0.00	19.43 -0.21 0.00	16.49 -0.09 0.00	9.70 -0.09 0.00	4.77 -0.03 0.00	6.36 -0.05 0.00	10.26 -0.09 0.00	12.87 -0.14 0.00	12.98 -0.11 0.00	16.98 -0.10 0.00	25.04 -0.17 0.00	23.82 -0.12 0.00	21.27 -0.22 0.00	19.97 -0.26 0.00	21.51 -0.26 0.00	18.85 -0.16 0.00
TRIGEN___CC 323695	19.77 0.92 0.00	17.71 0.75 0.00	19.01 0.70 0.00	17.71 0.72 0.00	19.09 0.61 0.00	23.44 0.82 0.00	29.98 1.70 0.00	48.12 2.72 0.00	185.49 9.21 0.00	20.60 0.97 0.00	17.27 0.69 0.00	10.19 0.40 0.00	4.98 0.17 0.00	6.64 0.23 0.00	10.80 0.45 0.00	13.70 0.69 0.00	13.91 0.81 0.00	17.99 0.91 0.00	26.33 1.12 0.00	25.13 1.18 0.00	22.37 0.88 0.00	20.96 0.72 0.00	22.53 0.76 0.00	19.50 0.50 0.00
TRINITY__115KV__ 4 BK 55933	19.34 0.49 0.00	17.39 0.43 0.00	18.75 0.43 0.00	17.43 0.44 0.00	18.87 0.38 0.00	23.10 0.49 0.00	29.15 0.88 0.00	47.10 1.70 0.00	181.53 5.25 0.00	20.04 0.41 0.00	16.84 0.26 0.00	9.99 0.20 0.00	4.89 0.09 0.00	6.53 0.12 0.00	10.59 0.22 0.00	13.36 0.34 0.00	13.43 0.33 0.00	17.48 0.39 0.00	25.78 0.57 0.00	24.59 0.64 0.00	21.97 0.48 0.00	20.67 0.44 0.00	22.20 0.43 0.00	19.26 0.25 0.00
UNION___PROCESSING_DRP 323587	17.90 -0.95 0.00	16.13 -0.82 0.00	17.56 -0.76 0.00	16.31 -0.68 0.00	17.88 -0.60 0.00	21.74 -0.87 0.00	27.12 -1.15 0.00	43.49 -1.90 0.00	169.71 -6.56 0.00	18.88 -0.75 0.00	16.25 -0.33 0.00	9.51 -0.28 0.00	4.71 -0.09 0.00	6.25 -0.16 0.00	10.07 -0.29 0.00	12.52 -0.49 0.00	12.63 -0.47 0.00	16.52 -0.57 0.00	24.36 -0.85 0.00	22.97 -0.98 0.00	20.39 -1.10 0.00	19.11 -1.12 0.00	20.60 -1.17 0.00	18.10 -0.91 0.00
UPPER HUDSON___HYD 24058	19.48 0.63 0.00	17.50 0.54 0.00	18.87 0.55 0.00	17.55 0.56 0.00	19.02 0.54 0.00	23.38 0.77 0.00	29.57 1.30 0.00	47.93 2.53 0.00	184.70 8.42 0.00	20.21 0.58 0.00	16.88 0.30 0.00	9.99 0.20 0.00	4.88 0.08 0.00	6.52 0.11 0.00	10.54 0.18 0.00	13.36 0.34 0.00	13.49 0.39 0.00	17.74 0.66 0.00	26.35 1.13 0.00	25.17 1.22 0.00	22.49 1.00 0.00	21.09 0.86 0.00	22.52 0.75 0.00	19.45 0.44 0.00
UPPER RAQUET___HYD 24056	24.28 -0.66 -6.08	20.52 -0.51 -4.07	21.32 -0.45 -3.46	16.43 -0.56 0.00	18.03 -0.45 0.00	22.27 -0.34 0.00	27.41 -0.86 0.00	43.53 -1.87 0.00	170.25 -6.03 0.00	19.09 -0.54 0.00	16.05 -0.53 0.00	9.47 -0.32 0.00	4.62 -0.18 0.00	6.16 -0.25 0.00	9.89 -0.47 0.00	12.36 -0.65 0.00	12.46 -0.64 0.00	16.39 -0.70 0.00	24.57 -0.64 0.00	23.38 -0.57 0.00	21.18 -0.32 0.00	19.99 -0.24 0.00	21.54 -0.23 0.00	18.85 -0.15 0.00
VALLEY44_115KV_TB2 355964	18.37 -0.48 0.00	16.49 -0.47 0.00	17.97 -0.35 0.00	16.71 -0.28 0.00	18.14 -0.34 0.00	22.00 -0.61 0.00	27.61 -0.67 0.00	44.45 -0.95 0.00	173.55 -2.72 0.00	19.33 -0.30 0.00	16.74 0.16 0.00	9.78 -0.01 0.00	4.89 0.09 0.00	6.50 0.09 0.00	10.47 0.11 0.00	13.02 0.01 0.00	13.07 -0.03 0.00	17.01 -0.08 0.00	24.96 -0.26 0.00	23.45 -0.50 0.00	20.80 -0.70 0.00	19.48 -0.75 0.00	21.14 -0.64 0.00	18.46 -0.55 0.00
VALLEY___115KV_TB 1-4 80826	18.59 -0.26 0.00	16.68 -0.28 0.00	18.01 -0.30 0.00	16.78 -0.21 0.00	18.21 -0.27 0.00	22.28 -0.33 0.00	28.22 -0.05 0.00	45.67 0.28 0.00	176.44 0.16 0.00	19.40 -0.24 0.00	16.29 -0.28 0.00	9.62 -0.17 0.00	4.71 -0.08 0.00	6.30 -0.11 0.00	10.17 -0.18 0.00	12.78 -0.23 0.00	12.86 -0.24 0.00	16.83 -0.25 0.00	24.96 -0.25 0.00	23.87 -0.08 0.00	21.35 -0.14 0.00	20.14 -0.09 0.00	21.67 -0.10 0.00	18.81 -0.19 0.00



VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	19.42 0.57 0.00	17.42 0.46 0.00	18.84 0.52 0.00	17.50 0.51 0.00	19.02 0.54 0.00	23.31 0.70 0.00	29.38 1.10 0.00	46.87 1.48 0.00	181.23 4.95 0.00	20.08 0.45 0.00	16.94 0.36 0.00	10.00 0.21 0.00	4.90 0.10 0.00	6.59 0.18 0.00	10.65 0.29 0.00	13.37 0.35 0.00	13.47 0.37 0.00	17.59 0.50 0.00	25.97 0.75 0.00	24.75 0.80 0.00	22.12 0.63 0.00	20.79 0.55 0.00	22.35 0.58 0.00	19.45 0.44 0.00
VISCHER___FERRY HYD 24020	19.27 0.41 0.00	17.32 0.36 0.00	18.68 0.36 0.00	17.36 0.37 0.00	18.79 0.31 0.00	23.03 0.42 0.00	29.07 0.79 0.00	47.02 1.62 0.00	181.06 4.78 0.00	19.94 0.30 0.00	16.71 0.13 0.00	9.91 0.12 0.00	4.85 0.04 0.00	6.48 0.07 0.00	10.50 0.14 0.00	13.26 0.25 0.00	13.34 0.24 0.00	17.38 0.29 0.00	25.70 0.48 0.00	24.52 0.57 0.00	21.92 0.43 0.00	20.64 0.40 0.00	22.13 0.36 0.00	19.17 0.17 0.00
V_A_10_SYNC_DSASP 323832	17.28 -1.58 0.00	15.60 -1.35 0.00	17.03 -1.28 0.00	15.82 -1.17 0.00	17.37 -1.11 0.00	21.07 -1.55 0.00	26.18 -2.09 0.00	41.85 -3.55 0.00	163.86 -12.42 0.00	18.32 -1.32 0.00	15.86 -0.72 0.00	9.28 -0.51 0.00	4.62 -0.18 0.00	6.12 -0.29 0.00	9.86 -0.50 0.00	12.22 -0.80 0.00	12.30 -0.79 0.00	16.04 -1.05 0.00	23.58 -1.64 0.00	22.10 -1.84 0.00	19.57 -1.93 0.00	18.35 -1.89 0.00	19.83 -1.94 0.00	17.47 -1.54 0.00
V_CMM_10_SYNC_DSASP 323787	18.76 -0.09 0.00	16.94 -0.02 0.00	18.32 0.00 0.00	16.86 -0.13 0.00	18.46 -0.02 0.00	22.66 0.04 0.00	28.02 -0.26 0.00	44.54 -0.86 0.00	174.22 -2.06 0.00	19.60 -0.03 0.00	16.55 -0.03 0.00	9.77 -0.01 0.00	4.79 -0.01 0.00	6.38 -0.03 0.00	10.28 -0.08 0.00	12.87 -0.14 0.00	12.96 -0.14 0.00	16.94 -0.14 0.00	25.13 -0.09 0.00	23.80 -0.15 0.00	21.57 0.08 0.00	20.37 0.14 0.00	21.94 0.17 0.00	19.19 0.18 0.00
V_CMP_10_SYNC_DSASP 323788	-21.16 -0.59 39.43	-9.91 -0.47 26.39	-4.57 -0.47 22.41	16.57 -0.42 0.00	18.15 -0.33 0.00	22.44 -0.18 0.00	27.87 -0.40 0.00	43.59 -1.81 0.00	171.74 -4.54 0.00	19.49 -0.15 0.00	16.35 -0.23 0.00	9.68 -0.11 0.00	4.72 -0.08 0.00	6.28 -0.13 0.00	10.02 -0.34 0.00	12.64 -0.37 0.00	12.77 -0.33 0.00	16.91 -0.18 0.00	25.54 0.33 0.00	24.40 0.45 0.00	22.03 0.54 0.00	20.93 0.69 0.00	22.54 0.77 0.00	19.76 0.75 0.00
V_D_10_SYNC_DSASP 323841	19.84 -0.06 -1.05	17.68 0.01 -0.70	18.96 0.05 -0.60	16.90 -0.09 0.00	18.51 0.03 0.00	22.75 0.13 0.00	28.11 -0.16 0.00	44.67 -0.73 0.00	174.58 -1.70 0.00	19.64 0.01 0.00	16.57 -0.01 0.00	9.78 -0.01 0.00	4.79 -0.01 0.00	6.39 -0.02 0.00	10.29 -0.07 0.00	12.87 -0.14 0.00	12.96 -0.14 0.00	16.96 -0.13 0.00	25.19 -0.02 0.00	23.88 -0.07 0.00	21.64 0.15 0.00	20.43 0.20 0.00	22.02 0.25 0.00	19.26 0.25 0.00
V_E_10_SYNC_DSASP 323830	19.89 1.04 0.00	17.73 0.77 0.00	19.57 1.26 0.00	18.06 1.07 0.00	19.83 1.35 0.00	24.42 1.81 0.00	30.94 2.67 0.00	49.75 4.36 0.00	191.20 14.92 0.00	20.74 1.11 0.00	17.31 0.73 0.00	10.10 0.31 0.00	4.96 0.16 0.00	6.59 0.19 0.00	10.52 0.15 0.00	13.17 0.16 0.00	13.41 0.31 0.00	17.92 0.84 0.00	27.16 1.94 0.00	26.00 2.05 0.00	23.24 1.75 0.00	21.86 1.63 0.00	23.49 1.72 0.00	20.44 1.43 0.00
V_F_30_NSYNC___DSASP 323816	19.50 0.65 0.00	17.52 0.56 0.00	18.90 0.58 0.00	17.57 0.58 0.00	19.04 0.56 0.00	23.37 0.75 0.00	29.51 1.23 0.00	47.70 2.31 0.00	183.85 7.57 0.00	20.19 0.55 0.00	16.90 0.32 0.00	10.01 0.22 0.00	4.89 0.09 0.00	6.54 0.13 0.00	10.58 0.21 0.00	13.37 0.35 0.00	13.49 0.39 0.00	17.66 0.58 0.00	26.18 0.96 0.00	24.97 1.03 0.00	22.34 0.84 0.00	20.98 0.74 0.00	22.46 0.69 0.00	19.45 0.45 0.00
V_F_30_SYNC_DSASP 323786	19.44 0.58 0.00	17.47 0.51 0.00	18.83 0.52 0.00	17.51 0.52 0.00	18.96 0.48 0.00	23.21 0.59 0.00	29.30 1.03 0.00	47.36 1.97 0.00	182.58 6.30 0.00	20.15 0.52 0.00	16.93 0.35 0.00	10.04 0.25 0.00	4.91 0.11 0.00	6.57 0.16 0.00	10.64 0.28 0.00	13.43 0.41 0.00	13.51 0.40 0.00	17.58 0.50 0.00	25.94 0.73 0.00	24.73 0.78 0.00	22.09 0.60 0.00	20.78 0.55 0.00	22.32 0.55 0.00	19.35 0.34 0.00
V_XM_10_SYNC_DSASP 323789	-21.16 -0.59 39.43	-9.91 -0.47 26.39	-4.57 -0.47 22.41	16.57 -0.42 0.00	18.15 -0.33 0.00	22.44 -0.18 0.00	27.87 -0.40 0.00	43.59 -1.81 0.00	171.74 -4.54 0.00	19.49 -0.15 0.00	16.35 -0.23 0.00	9.68 -0.11 0.00	4.72 -0.08 0.00	6.28 -0.13 0.00	10.02 -0.34 0.00	12.64 -0.37 0.00	12.77 -0.33 0.00	16.91 -0.18 0.00	25.54 0.33 0.00	24.40 0.45 0.00	22.03 0.54 0.00	20.93 0.69 0.00	22.54 0.77 0.00	19.76 0.75 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	19.58 0.73 0.00	17.56 0.60 0.00	18.88 0.56 0.00	17.59 0.60 0.00	19.01 0.53 0.00	23.29 0.68 0.00	29.70 1.42 0.00	47.91 2.51 0.00	184.97 8.69 0.00	20.44 0.80 0.00	17.15 0.57 0.00	10.16 0.37 0.00	4.97 0.17 0.00	6.65 0.24 0.00	10.81 0.45 0.00	13.63 0.62 0.00	13.75 0.65 0.00	17.84 0.75 0.00	26.18 0.96 0.00	24.98 1.03 0.00	22.24 0.75 0.00	20.86 0.63 0.00	22.38 0.61 0.00	19.40 0.39 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	19.60 0.74 0.00	17.58 0.62 0.00	18.89 0.57 0.00	17.59 0.61 0.00	19.00 0.52 0.00	23.26 0.65 0.00	29.74 1.47 0.00	48.01 2.62 0.00	185.43 9.15 0.00	20.53 0.90 0.00	17.23 0.65 0.00	10.20 0.41 0.00	4.99 0.19 0.00	6.69 0.27 0.00	10.86 0.51 0.00	13.71 0.70 0.00	13.83 0.74 0.00	17.92 0.83 0.00	26.19 0.97 0.00	24.99 1.04 0.00	22.26 0.77 0.00	20.87 0.63 0.00	22.37 0.60 0.00	19.37 0.37 0.00
W50THST__13_KV_LOAD 356117	19.70 0.85 0.00	17.68 0.72 0.00	18.98 0.66 0.00	17.70 0.70 0.00	19.11 0.62 0.00	23.39 0.78 0.00	29.92 1.65 0.00	48.33 2.94 0.00	186.75 10.47 0.00	20.70 1.06 0.00	17.37 0.79 0.00	10.30 0.51 0.00	5.04 0.24 0.00	6.75 0.34 0.00	10.97 0.61 0.00	13.82 0.81 0.00	13.95 0.85 0.00	18.06 0.98 0.00	26.38 1.17 0.00	25.15 1.20 0.00	22.39 0.90 0.00	20.99 0.75 0.00	22.49 0.72 0.00	19.47 0.47 0.00
WADING RIVER_IC_1 23522	19.81 0.96 0.00	17.71 0.76 0.00	19.00 0.69 0.00	17.78 0.79 0.00	19.07 0.59 0.00	23.44 0.83 0.00	30.13 1.85 0.00	48.25 2.85 0.00	186.95 10.67 0.00	20.79 1.16 0.00	17.11 0.53 0.00	10.04 0.25 0.00	4.88 0.08 0.00	6.47 0.06 0.00	10.53 0.16 0.00	13.48 0.47 0.00	14.05 0.95 0.00	17.95 0.87 0.00	26.30 1.08 0.00	25.20 1.25 0.00	22.36 0.87 0.00	20.87 0.64 0.00	22.47 0.70 0.00	19.46 0.45 0.00
WADING RIVER_IC_2 23547	19.81 0.96 0.00	17.71 0.76 0.00	19.00 0.69 0.00	17.78 0.79 0.00	19.07 0.59 0.00	23.44 0.83 0.00	30.13 1.85 0.00	48.25 2.85 0.00	186.95 10.67 0.00	20.79 1.16 0.00	17.11 0.53 0.00	10.04 0.25 0.00	4.88 0.08 0.00	6.47 0.06 0.00	10.53 0.16 0.00	13.48 0.47 0.00	14.05 0.95 0.00	17.95 0.87 0.00	26.30 1.08 0.00	25.20 1.25 0.00	22.36 0.87 0.00	20.87 0.64 0.00	22.47 0.70 0.00	19.46 0.45 0.00



WADING RIVER_IC_3 23601	19.81 0.96 0.00	17.71 0.76 0.00	19.00 0.69 0.00	17.78 0.79 0.00	19.07 0.59 0.00	23.44 0.83 0.00	30.13 1.85 0.00	48.25 2.85 0.00	186.95 10.67 0.00	20.79 1.16 0.00	17.11 0.53 0.00	10.04 0.25 0.00	4.88 0.08 0.00	6.47 0.06 0.00	10.53 0.16 0.00	13.48 0.47 0.00	14.05 0.95 0.00	17.95 0.87 0.00	26.30 1.08 0.00	25.20 1.25 0.00	22.36 0.87 0.00	20.87 0.64 0.00	22.47 0.70 0.00	19.46 0.45 0.00
WALDENNY_I2_KV_BK2 80841	17.44 -1.41 0.00	15.73 -1.23 0.00	17.20 -1.11 0.00	15.99 -1.00 0.00	17.57 -0.91 0.00	21.31 -1.30 0.00	26.58 -1.70 0.00	42.57 -2.82 0.00	166.89 -9.39 0.00	18.72 -0.91 0.00	16.25 -0.33 0.00	9.46 -0.33 0.00	4.74 -0.06 0.00	6.25 -0.16 0.00	10.06 -0.30 0.00	12.45 -0.56 0.00	12.55 -0.55 0.00	16.37 -0.71 0.00	24.10 -1.11 0.00	22.54 -1.41 0.00	19.88 -1.61 0.00	18.59 -1.64 0.00	20.10 -1.67 0.00	17.68 -1.33 0.00
WALDEN___HYDRO 24148	19.59 0.74 0.00	17.57 0.61 0.00	18.91 0.59 0.00	17.60 0.61 0.00	19.04 0.56 0.00	23.33 0.72 0.00	29.69 1.41 0.00	47.93 2.54 0.00	184.87 8.60 0.00	20.36 0.73 0.00	17.05 0.47 0.00	10.08 0.29 0.00	4.93 0.13 0.00	6.60 0.19 0.00	10.71 0.36 0.00	13.51 0.50 0.00	13.63 0.53 0.00	17.72 0.64 0.00	26.14 0.93 0.00	25.01 1.07 0.00	22.30 0.81 0.00	20.91 0.68 0.00	22.44 0.67 0.00	19.44 0.43 0.00
WARRENSBURG____ 23737	19.48 0.63 0.00	17.50 0.54 0.00	18.87 0.55 0.00	17.55 0.56 0.00	19.02 0.54 0.00	23.38 0.77 0.00	29.57 1.30 0.00	47.93 2.53 0.00	184.70 8.42 0.00	20.21 0.58 0.00	16.88 0.30 0.00	9.99 0.20 0.00	4.88 0.08 0.00	6.52 0.11 0.00	10.54 0.18 0.00	13.36 0.34 0.00	13.49 0.39 0.00	17.74 0.66 0.00	26.35 1.13 0.00	25.17 1.22 0.00	22.49 1.00 0.00	21.09 0.86 0.00	22.52 0.75 0.00	19.45 0.44 0.00
WATERSIDE___6 8 9 23538	19.55 0.70 0.00	17.55 0.59 0.00	18.84 0.53 0.00	17.56 0.58 0.00	18.96 0.48 0.00	23.19 0.58 0.00	29.64 1.36 0.00	47.89 2.50 0.00	184.85 8.58 0.00	20.50 0.87 0.00	17.21 0.63 0.00	10.21 0.41 0.00	4.99 0.19 0.00	6.68 0.27 0.00	10.87 0.51 0.00	13.70 0.69 0.00	13.83 0.73 0.00	17.88 0.80 0.00	26.13 0.91 0.00	24.95 1.01 0.00	22.23 0.74 0.00	20.84 0.61 0.00	22.33 0.56 0.00	19.35 0.35 0.00
WATKINRD_115KV_LN8_ILLION 55919	18.81 -0.04 0.00	16.88 -0.08 0.00	18.22 -0.09 0.00	16.95 -0.04 0.00	18.40 -0.08 0.00	22.53 -0.08 0.00	28.46 0.18 0.00	45.97 0.57 0.00	177.70 1.43 0.00	19.57 -0.07 0.00	16.44 -0.14 0.00	9.70 -0.09 0.00	4.76 -0.05 0.00	6.35 -0.06 0.00	10.27 -0.09 0.00	12.93 -0.08 0.00	13.01 -0.09 0.00	17.01 -0.08 0.00	25.18 -0.04 0.00	24.03 0.08 0.00	21.49 -0.01 0.00	20.22 -0.01 0.00	21.73 -0.04 0.00	18.88 -0.13 0.00
WATSON___69_KV_BK 1 55734	20.10 1.25 0.00	17.97 1.02 0.00	19.29 0.97 0.00	17.98 0.99 0.00	19.36 0.88 0.00	23.81 1.20 0.00	30.52 2.25 0.00	48.90 3.51 0.00	188.90 12.62 0.00	20.94 1.30 0.00	17.41 0.83 0.00	10.23 0.44 0.00	4.98 0.18 0.00	6.64 0.23 0.00	10.79 0.44 0.00	13.78 0.77 0.00	14.17 1.07 0.00	18.26 1.17 0.00	26.72 1.51 0.00	25.59 1.64 0.00	22.72 1.23 0.00	21.22 0.99 0.00	22.84 1.07 0.00	19.77 0.76 0.00
WDELAWARE___HYD 323627	19.80 0.95 0.00	17.76 0.80 0.00	19.12 0.80 0.00	17.79 0.80 0.00	19.26 0.78 0.00	23.58 0.97 0.00	30.04 1.76 0.00	48.47 3.07 0.00	187.16 10.89 0.00	20.61 0.97 0.00	17.25 0.67 0.00	10.18 0.39 0.00	4.98 0.18 0.00	6.66 0.25 0.00	10.80 0.45 0.00	13.62 0.61 0.00	13.76 0.67 0.00	17.95 0.87 0.00	26.52 1.30 0.00	25.38 1.43 0.00	22.62 1.12 0.00	21.19 0.96 0.00	22.74 0.97 0.00	19.70 0.70 0.00
WEST BABYLON___IC 23714	20.04 1.18 0.00	17.93 0.97 0.00	19.24 0.93 0.00	17.93 0.94 0.00	19.31 0.83 0.00	23.75 1.14 0.00	30.43 2.16 0.00	48.78 3.38 0.00	188.20 11.92 0.00	20.87 1.24 0.00	17.40 0.82 0.00	10.23 0.44 0.00	4.99 0.19 0.00	6.65 0.24 0.00	10.81 0.45 0.00	13.77 0.76 0.00	14.10 1.01 0.00	18.21 1.13 0.00	26.65 1.44 0.00	25.51 1.57 0.00	22.66 1.17 0.00	21.18 0.95 0.00	22.80 1.03 0.00	19.72 0.71 0.00
WEST CANADA___HYD 24049	18.89 0.04 0.00	16.98 0.02 0.00	18.34 0.02 0.00	17.04 0.05 0.00	18.50 0.02 0.00	22.64 0.03 0.00	28.43 0.15 0.00	45.75 0.36 0.00	177.13 0.86 0.00	19.67 0.04 0.00	16.59 0.01 0.00	9.80 0.01 0.00	4.80 0.00 0.00	6.42 0.00 0.00	10.38 0.02 0.00	13.05 0.04 0.00	13.12 0.02 0.00	17.11 0.03 0.00	25.24 0.03 0.00	24.01 0.06 0.00	21.49 0.00 0.00	20.21 -0.02 0.00	21.75 -0.02 0.00	18.97 -0.04 0.00
WESTERN_NY_WIND 24143	17.72 -1.13 0.00	15.99 -0.97 0.00	17.47 -0.84 0.00	16.23 -0.76 0.00	17.85 -0.63 0.00	21.68 -0.93 0.00	27.03 -1.24 0.00	43.26 -2.14 0.00	169.47 -6.80 0.00	18.89 -0.74 0.00	16.30 -0.27 0.00	9.47 -0.32 0.00	4.71 -0.09 0.00	6.22 -0.19 0.00	10.00 -0.37 0.00	12.37 -0.65 0.00	12.49 -0.61 0.00	16.40 -0.68 0.00	24.28 -0.93 0.00	22.82 -1.13 0.00	20.18 -1.32 0.00	18.88 -1.35 0.00	20.36 -1.41 0.00	17.92 -1.09 0.00
WESTOVER___LESR 323668	18.73 -0.12 0.00	16.79 -0.17 0.00	18.17 -0.15 0.00	16.89 -0.10 0.00	18.38 -0.10 0.00	22.46 -0.15 0.00	28.29 0.02 0.00	45.64 0.24 0.00	176.32 0.05 0.00	19.61 -0.02 0.00	16.59 0.01 0.00	9.70 -0.09 0.00	4.80 0.00 0.00	6.41 0.00 0.00	10.34 -0.02 0.00	12.97 -0.04 0.00	13.06 -0.04 0.00	17.08 -0.01 0.00	25.22 0.01 0.00	24.03 0.08 0.00	21.45 -0.04 0.00	20.18 -0.05 0.00	21.73 -0.04 0.00	18.91 -0.09 0.00
WETHRSFD_WT_PWR 323626	16.95 -1.90 0.00	15.24 -1.72 0.00	16.64 -1.67 0.00	15.50 -1.49 0.00	17.02 -1.47 0.00	20.75 -1.86 0.00	26.00 -2.28 0.00	41.75 -3.65 0.00	163.69 -12.59 0.00	18.42 -1.21 0.00	15.94 -0.64 0.00	9.30 -0.49 0.00	4.65 -0.14 0.00	6.12 -0.29 0.00	9.86 -0.50 0.00	12.22 -0.79 0.00	12.32 -0.78 0.00	16.09 -0.99 0.00	23.79 -1.42 0.00	22.22 -1.74 0.00	19.45 -2.05 0.00	18.13 -2.11 0.00	19.64 -2.14 0.00	17.23 -1.78 0.00
WHAVSTOR_138KV_BK127 55557	19.51 0.66 0.00	17.49 0.54 0.00	18.82 0.50 0.00	17.53 0.54 0.00	18.94 0.46 0.00	23.20 0.59 0.00	29.58 1.31 0.00	47.72 2.32 0.00	184.10 7.83 0.00	20.34 0.71 0.00	17.09 0.51 0.00	10.11 0.33 0.00	4.95 0.15 0.00	6.62 0.21 0.00	10.76 0.41 0.00	13.57 0.56 0.00	13.69 0.59 0.00	17.76 0.67 0.00	26.06 0.84 0.00	24.86 0.91 0.00	22.15 0.66 0.00	20.77 0.54 0.00	22.29 0.52 0.00	19.32 0.32 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	19.51 0.66 0.00	17.49 0.54 0.00	18.82 0.50 0.00	17.53 0.54 0.00	18.94 0.46 0.00	23.20 0.59 0.00	29.58 1.31 0.00	47.72 2.32 0.00	184.10 7.83 0.00	20.34 0.71 0.00	17.09 0.51 0.00	10.11 0.33 0.00	4.95 0.15 0.00	6.62 0.21 0.00	10.76 0.41 0.00	13.57 0.56 0.00	13.69 0.59 0.00	17.76 0.67 0.00	26.06 0.84 0.00	24.86 0.91 0.00	22.15 0.66 0.00	20.77 0.54 0.00	22.29 0.52 0.00	19.32 0.32 0.00



WHITEHAL_115KV_TB1 80871	19.70 0.85 0.00	17.69 0.73 0.00	19.07 0.76 0.00	17.76 0.77 0.00	19.19 0.70 0.00	23.72 1.10 0.00	30.17 1.90 0.00	50.08 4.69 0.00	191.70 15.43 0.00	20.66 1.03 0.00	16.91 0.33 0.00	10.01 0.22 0.00	4.89 0.09 0.00	6.53 0.12 0.00	10.58 0.22 0.00	13.57 0.56 0.00	13.73 0.64 0.00	18.25 1.17 0.00	27.15 1.93 0.00	25.99 2.04 0.00	23.18 1.69 0.00	21.68 1.45 0.00	22.99 1.21 0.00	19.66 0.65 0.00
WHITEPLN_13_KV_LOAD 356215	19.71 0.86 0.00	17.68 0.72 0.00	19.00 0.69 0.00	17.70 0.71 0.00	19.12 0.64 0.00	23.42 0.81 0.00	29.91 1.63 0.00	48.29 2.90 0.00	186.41 10.13 0.00	20.62 0.98 0.00	17.31 0.73 0.00	10.25 0.45 0.00	5.01 0.21 0.00	6.70 0.29 0.00	10.89 0.53 0.00	13.74 0.73 0.00	13.87 0.78 0.00	18.00 0.92 0.00	26.39 1.17 0.00	25.19 1.24 0.00	22.43 0.94 0.00	21.02 0.79 0.00	22.54 0.77 0.00	19.52 0.51 0.00
WM_FLOYD_69_KV_BK2 356380	19.94 1.09 0.00	17.83 0.87 0.00	19.13 0.81 0.00	17.87 0.88 0.00	19.19 0.71 0.00	23.60 0.99 0.00	30.27 2.00 0.00	48.47 3.08 0.00	187.56 11.28 0.00	20.81 1.18 0.00	17.19 0.61 0.00	10.08 0.29 0.00	4.90 0.10 0.00	6.52 0.10 0.00	10.60 0.24 0.00	13.59 0.58 0.00	14.11 1.01 0.00	18.09 1.00 0.00	26.44 1.23 0.00	25.34 1.39 0.00	22.48 0.99 0.00	20.99 0.76 0.00	22.61 0.84 0.00	19.58 0.57 0.00
WOODARD__115KV_TB2 355635	18.58 -0.28 0.00	16.69 -0.27 0.00	18.04 -0.27 0.00	16.78 -0.21 0.00	18.26 -0.22 0.00	22.26 -0.35 0.00	27.83 -0.45 0.00	44.76 -0.63 0.00	173.44 -2.84 0.00	19.28 -0.35 0.00	16.39 -0.19 0.00	9.64 -0.15 0.00	4.74 -0.06 0.00	6.32 -0.09 0.00	10.20 -0.15 0.00	12.79 -0.21 0.00	12.90 -0.20 0.00	16.86 -0.22 0.00	24.84 -0.38 0.00	23.60 -0.34 0.00	21.08 -0.42 0.00	19.80 -0.43 0.00	21.32 -0.45 0.00	18.71 -0.30 0.00
YORK__WARBASSE 23770	19.64 0.79 0.00	17.61 0.66 0.00	18.92 0.60 0.00	17.63 0.64 0.00	19.03 0.55 0.00	23.30 0.69 0.00	29.78 1.50 0.00	48.08 2.68 0.00	185.40 9.13 0.00	20.58 0.95 0.00	17.28 0.70 0.00	10.24 0.45 0.00	5.01 0.20 0.00	6.70 0.29 0.00	10.90 0.55 0.00	13.73 0.73 0.00	13.87 0.77 0.00	17.96 0.87 0.00	26.22 1.01 0.00	25.07 1.12 0.00	22.33 0.83 0.00	20.93 0.70 0.00	22.43 0.66 0.00	19.43 0.43 0.00