

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

12/17/2023

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	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	
59TH STREET_GT_1	19.94	18.82	16.02	12.79	10.82	12.01	17.28	19.87	20.97	21.53	25.66	24.88	30.09	30.13	25.29	24.79	24.88	26.26	26.07	27.08	26.91	25.82	28.76	22.57	19.51
24138	1.21	1.13	0.94	0.77	0.65	0.74	1.06	1.21	1.27	1.31	1.52	1.76	1.76	1.55	1.68	1.74	1.88	1.98	2.04	2.00	1.88	1.95	1.34	1.00	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	19.93	18.80	16.01	12.77	10.81	12.00	17.26	19.86	20.96	21.52	25.64	30.06	30.10	25.27	24.77	24.86	26.24	26.06	27.07	26.89	25.80	28.74	22.56	19.50	
24260	1.20	1.12	0.93	0.75	0.64	0.72	1.04	1.20	1.26	1.29	1.50	1.73	1.73	1.53	1.65	1.72	1.86	1.97	2.02	1.98	1.86	1.93	1.33	1.00	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	19.93	18.80	16.01	12.77	10.81	12.00	17.26	19.86	20.96	21.52	25.64	30.06	30.10	25.27	24.77	24.86	26.24	26.06	27.07	26.89	25.80	28.74	22.56	19.50	
24261	1.20	1.12	0.93	0.75	0.64	0.72	1.04	1.20	1.26	1.29	1.50	1.73	1.73	1.53	1.65	1.72	1.86	1.97	2.02	1.98	1.86	1.93	1.33	1.00	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	19.72	18.63	15.82	12.64	10.62	11.82	17.03	19.63	20.67	21.19	25.23	29.58	29.58	24.83	24.28	24.39	25.73	25.64	26.55	26.27	25.10	28.14	22.15	19.21	
24011	0.99	0.94	0.75	0.61	0.46	0.54	0.81	0.96	0.97	0.96	1.09	1.24	1.21	1.09	1.17	1.25	1.35	1.55	1.51	1.36	1.16	1.34	0.92	0.71	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	19.82	18.71	15.87	12.67	10.65	11.86	17.11	19.78	20.79	21.30	25.34	29.70	29.69	24.93	24.40	24.53	25.88	25.84	26.74	26.39	25.19	28.26	22.23	19.28	
23798	1.09	1.02	0.80	0.65	0.48	0.58	0.88	1.11	1.09	1.08	1.21	1.37	1.32	1.19	1.28	1.39	1.50	1.75	1.70	1.48	1.26	1.45	1.00	0.77	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
ADK S GLENS___FALLS	19.72	18.63	15.82	12.64	10.62	11.82	17.03	19.63	20.67	21.19	25.23	29.58	29.58	24.83	24.28	24.39	25.73	25.64	26.55	26.27	25.10	28.14	22.15	19.21	
24028	0.99	0.94	0.75	0.61	0.46	0.54	0.81	0.96	0.97	0.96	1.09	1.24	1.21	1.09	1.17	1.25	1.35	1.55	1.51	1.36	1.16	1.34	0.92	0.71	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	19.43	18.44	15.70	12.53	10.59	11.79	16.94	19.48	20.50	21.02	25.00	29.30	29.31	24.64	24.07	24.05	25.28	25.20	26.13	25.99	24.82	27.64	21.70	18.76	
23527	0.70	0.75	0.62	0.51	0.42	0.51	0.72	0.82	0.80	0.79	0.87	0.97	0.94	0.90	0.96	0.91	0.90	1.11	1.09	1.09	0.88	0.84	0.47	0.25	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	18.84	17.86	15.29	12.20	10.31	11.46	16.43	18.81	19.82	20.38	24.23	28.41	28.45	23.87	23.32	23.36	24.63	24.46	25.36	25.20	24.13	26.93	21.20	18.43	
24190	0.11	0.17	0.21	0.18	0.15	0.18	0.21	0.14	0.11	0.16	0.09	0.07	0.08	0.13	0.21	0.22	0.25	0.37	0.31	0.29	0.20	0.13	-0.02	-0.08	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	18.77	17.70	15.05	12.00	10.14	11.22	16.15	18.64	19.73	20.29	24.28	28.51	28.58	23.87	23.14	23.08	24.28	23.85	24.88	24.75	23.86	26.81	21.32	18.66	
355683	0.04	0.01	-0.02	-0.03	-0.03	-0.06	-0.07	-0.03	0.02	0.07	0.15	0.18	0.21	0.13	0.02	-0.06	-0.10	-0.25	-0.17	-0.16	-0.08	0.00	0.09	0.15	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	19.17	18.15	15.52	12.39	10.47	11.64	16.70	19.15	20.21	20.76	24.69	28.94	28.99	24.32	23.74	23.81	25.10	24.92	25.84	25.67	24.58	27.43	21.58	18.75	
323833	0.44	0.46	0.45	0.37	0.31	0.36	0.48	0.49	0.51	0.54	0.55	0.60	0.62	0.57	0.63	0.67	0.72	0.83	0.79	0.76	0.65	0.62	0.36	0.25	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	19.17	18.15	15.51	12.39	10.47	11.64	16.69	19.15	20.21	20.76	24.68	28.93	28.99	24.31	23.74	23.80	25.10	24.91	25.82	25.66	24.58	27.42	21.58	18.75	
323834	0.44	0.46	0.44	0.36	0.31	0.36	0.47	0.49	0.50	0.54	0.54	0.59	0.61	0.57	0.62	0.66	0.72	0.82	0.78	0.76	0.64	0.61	0.35	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___1	18.84	17.86	15.29	12.20	10.31	11.46	16.43	18.81	19.82	20.38	24.23	28.41	28.45	23.87	23.32	23.36	24.63	24.46	25.36	25.20	24.13	26.93	21.20	18.43	
23571	0.11	0.17	0.21	0.18	0.15	0.18	0.21	0.14	0.11	0.16	0.09	0.07	0.08	0.13	0.21	0.22	0.25	0.37	0.31	0.29	0.20	0.13	-0.02	-0.08	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

ALBANY___2 23572	18.84 0.11 0.00	17.86 0.17 0.00	15.29 0.21 0.00	12.20 0.18 0.00	10.31 0.15 0.00	11.46 0.18 0.00	16.43 0.21 0.00	18.81 0.14 0.00	19.82 0.11 0.00	20.38 0.16 0.00	24.23 0.09 0.00	28.41 0.07 0.00	28.45 0.08 0.00	23.87 0.13 0.00	23.32 0.21 0.00	23.36 0.22 0.00	24.63 0.25 0.00	24.46 0.37 0.00	25.36 0.31 0.00	25.20 0.29 0.00	24.13 0.20 0.00	26.93 0.13 0.00	21.20 -0.02 0.00	18.43 -0.08 0.00
ALBANY___3 23573	18.84 0.11 0.00	17.86 0.17 0.00	15.29 0.21 0.00	12.20 0.18 0.00	10.31 0.15 0.00	11.46 0.18 0.00	16.43 0.21 0.00	18.81 0.14 0.00	19.82 0.11 0.00	20.38 0.16 0.00	24.23 0.09 0.00	28.41 0.07 0.00	28.45 0.08 0.00	23.87 0.13 0.00	23.32 0.21 0.00	23.36 0.22 0.00	24.63 0.25 0.00	24.46 0.37 0.00	25.36 0.31 0.00	25.20 0.29 0.00	24.13 0.20 0.00	26.93 0.13 0.00	21.20 -0.02 0.00	18.43 -0.08 0.00
ALBANY___4 23574	18.84 0.11 0.00	17.86 0.17 0.00	15.29 0.21 0.00	12.20 0.18 0.00	10.31 0.15 0.00	11.46 0.18 0.00	16.43 0.21 0.00	18.81 0.14 0.00	19.82 0.11 0.00	20.38 0.16 0.00	24.23 0.09 0.00	28.41 0.07 0.00	28.45 0.08 0.00	23.87 0.13 0.00	23.32 0.21 0.00	23.36 0.22 0.00	24.63 0.25 0.00	24.46 0.37 0.00	25.36 0.31 0.00	25.20 0.29 0.00	24.13 0.20 0.00	26.93 0.13 0.00	21.20 -0.02 0.00	18.43 -0.08 0.00
ALBANY___LFGE 323615	19.01 0.28 0.00	18.02 0.33 0.00	15.41 0.33 0.00	12.29 0.27 0.00	10.39 0.23 0.00	11.55 0.27 0.00	16.57 0.35 0.00	18.98 0.32 0.00	20.01 0.31 0.00	20.58 0.35 0.00	24.48 0.35 0.00	28.71 0.37 0.00	28.75 0.37 0.00	24.12 0.38 0.00	23.56 0.45 0.00	23.61 0.47 0.00	24.89 0.52 0.00	24.73 0.64 0.00	25.63 0.59 0.00	25.46 0.56 0.00	24.38 0.45 0.00	27.20 0.40 0.00	21.42 0.19 0.00	18.60 0.10 0.00
ALCOA_PA_115KV_PL-6C 55860	18.89 0.16 0.00	17.80 0.12 0.00	15.13 0.06 0.00	12.06 0.04 0.00	10.66 0.02 -0.47	11.81 -0.01 -0.55	16.77 -0.02 -0.57	18.71 0.05 0.00	19.81 0.11 0.00	20.38 0.16 0.00	24.39 0.26 0.00	28.66 0.32 0.00	28.73 0.36 0.00	23.99 0.25 0.00	23.26 0.14 0.00	22.97 -0.16 0.00	25.47 -0.01 -1.11	25.07 -0.21 -1.19	26.20 -0.06 -1.22	25.46 -0.05 -0.61	24.75 0.01 -0.79	27.26 0.13 -0.33	21.44 0.21 0.00	18.87 0.28 -0.09
ALCOA_RYNLDS___DRP 24188	18.89 0.16 0.00	17.80 0.12 0.00	15.13 0.06 0.00	12.06 0.04 0.00	10.66 0.02 -0.47	11.81 -0.01 -0.55	16.77 -0.02 -0.57	18.71 0.05 0.00	19.81 0.11 0.00	20.38 0.16 0.00	24.39 0.26 0.00	28.66 0.32 0.00	28.73 0.36 0.00	23.99 0.25 0.00	23.26 0.14 0.00	22.97 -0.16 0.00	25.47 -0.01 -1.11	25.07 -0.21 -1.19	26.20 -0.06 -1.22	25.46 -0.05 -0.61	24.75 0.01 -0.79	27.26 0.13 -0.33	21.44 0.21 0.00	18.87 0.28 -0.09
ALCOA___DSASP 323711	18.89 0.16 0.00	17.80 0.12 0.00	15.13 0.06 0.00	12.06 0.04 0.00	10.66 0.02 -0.47	11.81 -0.01 -0.55	16.77 -0.02 -0.57	18.71 0.05 0.00	19.81 0.11 0.00	20.38 0.16 0.00	24.39 0.26 0.00	28.66 0.32 0.00	28.73 0.36 0.00	23.99 0.25 0.00	23.26 0.14 0.00	22.98 -0.16 0.00	25.47 -0.01 -1.11	25.07 -0.21 -1.19	26.20 -0.06 -1.22	25.46 -0.05 -0.61	24.75 0.01 -0.79	27.26 0.13 -0.33	21.44 0.21 0.00	18.87 0.28 -0.09
ALLEGHENY___COGEN 23514	18.32 -0.41 0.00	17.15 -0.54 0.00	14.58 -0.49 0.00	11.60 -0.43 0.00	9.80 -0.36 0.00	10.89 -0.39 0.00	15.95 -0.27 0.00	18.36 -0.30 0.00	19.58 -0.13 0.00	20.00 -0.22 0.00	23.71 -0.43 0.00	27.61 -0.73 0.00	27.68 -0.69 0.00	23.15 -0.59 0.00	22.60 -0.52 0.00	22.88 -0.25 0.00	24.13 -0.24 0.00	24.00 -0.09 0.00	24.98 -0.07 0.00	24.97 0.06 0.00	24.17 0.24 0.00	27.17 0.36 0.00	21.51 0.28 0.00	18.92 0.42 0.00
ALTAMONT_115KV_TB 2 55880	19.10 0.37 0.00	18.08 0.39 0.00	15.43 0.36 0.00	12.31 0.29 0.00	10.41 0.25 0.00	11.56 0.28 0.00	16.59 0.37 0.00	19.06 0.40 0.00	20.10 0.40 0.00	20.64 0.41 0.00	24.58 0.45 0.00	28.83 0.49 0.00	28.86 0.48 0.00	24.21 0.47 0.00	23.63 0.52 0.00	23.69 0.55 0.00	24.97 0.59 0.00	24.78 0.69 0.00	25.71 0.66 0.00	25.55 0.64 0.00	24.49 0.55 0.00	27.35 0.54 0.00	21.55 0.32 0.00	18.71 0.21 0.00
ALTONA_WT_PWR 323606	18.67 -0.07 0.00	17.71 0.03 0.00	14.84 -0.24 0.00	11.76 -0.26 0.00	-7.61 -0.33 17.45	-9.58 -0.45 20.41	-5.56 -0.68 21.10	18.20 -0.46 0.00	19.30 -0.41 0.00	19.93 -0.29 0.00	24.24 0.10 0.00	28.60 0.26 0.00	28.85 0.47 0.00	24.09 0.34 0.00	22.99 -0.13 0.00	22.81 -0.33 0.00	-17.68 -0.93 41.13	-21.10 -1.04 44.15	-21.09 -0.99 45.15	1.42 -1.00 22.48	-6.46 -0.93 29.47	13.83 -0.85 12.12	20.70 -0.52 0.00	14.77 -0.50 3.23
AMERICAN_REF_FUEL 24010	17.27 -1.46 0.00	16.16 -1.53 0.00	13.77 -1.30 0.00	10.94 -1.08 0.00	9.25 -0.92 0.00	10.24 -1.04 0.00	15.02 -1.20 0.00	17.13 -1.53 0.00	18.26 -1.44 0.00	18.48 -1.74 0.00	21.93 -2.20 0.00	25.65 -2.69 0.00	25.80 -2.58 0.00	21.49 -2.25 0.00	20.92 -2.19 0.00	21.27 -1.87 0.00	22.25 -2.13 0.00	21.91 -2.18 0.00	22.65 -2.39 0.00	22.65 -2.25 0.00	21.99 -1.95 0.00	24.84 -1.96 0.00	19.82 -1.40 0.00	17.61 -0.89 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	17.35 -1.38 0.00	16.24 -1.45 0.00	13.87 -1.20 0.00	11.03 -0.99 0.00	9.32 -0.84 0.00	10.33 -0.94 0.00	15.24 -0.98 0.00	17.33 -1.34 0.00	18.55 -1.15 0.00	18.76 -1.47 0.00	22.22 -1.92 0.00	26.04 -2.30 0.00	26.11 -2.26 0.00	21.79 -1.95 0.00	21.38 -1.73 0.00	21.61 -1.53 0.00	22.61 -1.76 0.00	22.48 -1.61 0.00	23.67 -1.37 0.00	23.92 -0.99 0.00	23.29 -0.65 0.00	26.36 -0.45 0.00	20.91 -0.32 0.00	18.46 -0.04 0.00
ARTHUR KILL_GT_1 23520	19.94 1.21 0.00	18.82 1.14 0.00	16.02 0.95 0.00	12.79 0.77 0.00	10.82 0.65 0.00	12.02 0.74 0.00	17.27 1.06 0.00	19.87 1.21 0.00	20.96 1.26 0.00	21.50 1.28 0.00	25.63 1.49 0.00	30.04 1.70 0.00	30.07 1.70 0.00	25.25 1.50 0.00	24.75 1.63 0.00	24.85 1.71 0.00	26.23 1.85 0.00	26.06 1.97 0.00	27.09 2.05 0.00	26.91 2.00 0.00	25.83 1.89 0.00	28.77 1.96 0.00	22.58 1.35 0.00	19.51 1.01 0.00
ARTHUR_KILL_2 23512	19.89 1.15 0.00	18.77 1.08 0.00	15.98 0.91 0.00	12.76 0.74 0.00	10.80 0.63 0.00	11.99 0.71 0.00	17.24 1.02 0.00	19.83 1.16 0.00	20.91 1.20 0.00	21.45 1.22 0.00	25.56 1.42 0.00	29.96 1.62 0.00	29.99 1.62 0.00	25.18 1.44 0.00	24.68 1.56 0.00	24.78 1.64 0.00	26.15 1.77 0.00	25.98 1.89 0.00	27.01 1.96 0.00	26.83 1.92 0.00	25.74 1.81 0.00	28.69 1.89 0.00	22.51 1.29 0.00	19.46 0.95 0.00
ARTHUR_KILL_3 23513	19.72 0.99 0.00	18.62 0.93 0.00	15.86 0.78 0.00	12.66 0.64 0.00	10.71 0.54 0.00	11.89 0.62 0.00	17.09 0.87 0.00	19.66 1.00 0.00	20.74 1.03 0.00	21.27 1.05 0.00	25.34 1.21 0.00	29.71 1.38 0.00	29.74 1.37 0.00	24.97 1.23 0.00	24.48 1.37 0.00	24.57 1.43 0.00	25.93 1.55 0.00	25.76 1.67 0.00	26.76 1.71 0.00	26.58 1.68 0.00	25.51 1.58 0.00	28.43 1.62 0.00	22.31 1.08 0.00	19.29 0.79 0.00

ARTHUR_KILL_COGEN 323718	19.94 1.21 0.00	18.82 1.14 0.00	16.02 0.95 0.00	12.79 0.77 0.00	10.82 0.65 0.00	12.02 0.74 0.00	17.27 1.06 0.00	19.87 1.21 0.00	20.96 1.26 0.00	21.50 1.28 0.00	25.63 1.49 0.00	30.04 1.70 0.00	30.07 1.70 0.00	25.25 1.50 0.00	24.75 1.63 0.00	24.85 1.71 0.00	26.23 1.85 0.00	26.06 1.97 0.00	27.09 2.05 0.00	26.91 2.00 0.00	25.83 1.89 0.00	28.77 1.96 0.00	22.58 1.35 0.00	19.51 1.01 0.00
ASHOKAN____ 23654	19.50 0.77 0.00	18.44 0.75 0.00	15.73 0.66 0.00	12.55 0.53 0.00	10.61 0.44 0.00	11.80 0.52 0.00	16.94 0.72 0.00	19.50 0.83 0.00	20.62 0.91 0.00	21.22 0.99 0.00	25.29 1.16 0.00	29.64 1.31 0.00	29.70 1.33 0.00	24.90 1.17 0.00	24.34 1.23 0.00	24.43 1.29 0.00	25.81 1.43 0.00	25.66 1.56 0.00	26.55 1.51 0.00	26.36 1.45 0.00	25.21 1.27 0.00	28.07 1.26 0.00	22.03 0.80 0.00	19.07 0.57 0.00
ASTORIA_EAST_ENERGY_CC1 323581	19.89 1.16 0.00	18.79 1.10 0.00	15.99 0.92 0.00	12.76 0.74 0.00	10.80 0.63 0.00	11.99 0.72 0.00	17.25 1.03 0.00	19.84 1.18 0.00	20.92 1.22 0.00	21.45 1.23 0.00	25.56 1.43 0.00	29.94 1.60 0.00	29.97 1.60 0.00	25.21 1.47 0.00	24.69 1.58 0.00	24.79 1.65 0.00	26.16 1.78 0.00	25.99 1.90 0.00	26.99 1.95 0.00	26.80 1.90 0.00	25.73 1.79 0.00	28.64 1.84 0.00	22.54 1.31 0.00	19.48 0.98 0.00
ASTORIA_EAST_ENERGY_CC2 323582	19.89 1.16 0.00	18.79 1.10 0.00	15.99 0.92 0.00	12.76 0.74 0.00	10.80 0.63 0.00	11.99 0.71 0.00	17.25 1.03 0.00	19.84 1.18 0.00	20.92 1.22 0.00	21.45 1.23 0.00	25.56 1.43 0.00	29.94 1.60 0.00	29.97 1.60 0.00	25.21 1.47 0.00	24.69 1.58 0.00	24.79 1.65 0.00	26.16 1.78 0.00	25.99 1.90 0.00	26.99 1.95 0.00	26.80 1.90 0.00	25.73 1.79 0.00	28.64 1.84 0.00	22.54 1.31 0.00	19.48 0.97 0.00
ASTORIA_GT2_1 24094	19.90 1.17 0.00	18.79 1.11 0.00	15.99 0.92 0.00	12.76 0.74 0.00	10.80 0.63 0.00	12.00 0.72 0.00	17.25 1.03 0.00	19.85 1.19 0.00	20.93 1.22 0.00	21.46 1.23 0.00	25.57 1.44 0.00	29.95 1.61 0.00	29.99 1.62 0.00	25.22 1.48 0.00	24.70 1.59 0.00	24.80 1.66 0.00	26.17 1.79 0.00	26.01 1.91 0.00	27.01 1.96 0.00	26.82 1.91 0.00	25.74 1.80 0.00	28.65 1.85 0.00	22.54 1.31 0.00	19.48 0.98 0.00
ASTORIA_GT2_2 24095	19.90 1.17 0.00	18.79 1.11 0.00	15.99 0.92 0.00	12.76 0.74 0.00	10.80 0.63 0.00	12.00 0.72 0.00	17.25 1.03 0.00	19.85 1.19 0.00	20.93 1.22 0.00	21.46 1.23 0.00	25.57 1.44 0.00	29.95 1.61 0.00	29.99 1.62 0.00	25.22 1.48 0.00	24.70 1.59 0.00	24.80 1.66 0.00	26.17 1.79 0.00	26.01 1.91 0.00	27.01 1.96 0.00	26.82 1.91 0.00	25.74 1.80 0.00	28.65 1.85 0.00	22.54 1.31 0.00	19.48 0.98 0.00
ASTORIA_GT2_3 24096	19.90 1.17 0.00	18.79 1.11 0.00	15.99 0.92 0.00	12.76 0.74 0.00	10.80 0.63 0.00	12.00 0.72 0.00	17.25 1.03 0.00	19.85 1.19 0.00	20.93 1.22 0.00	21.46 1.23 0.00	25.57 1.44 0.00	29.95 1.61 0.00	29.99 1.62 0.00	25.22 1.48 0.00	24.70 1.59 0.00	24.80 1.66 0.00	26.17 1.79 0.00	26.01 1.91 0.00	27.01 1.96 0.00	26.82 1.91 0.00	25.74 1.80 0.00	28.65 1.85 0.00	22.54 1.31 0.00	19.48 0.98 0.00
ASTORIA_GT2_4 24097	19.90 1.17 0.00	18.79 1.11 0.00	15.99 0.92 0.00	12.76 0.74 0.00	10.80 0.63 0.00	12.00 0.72 0.00	17.25 1.03 0.00	19.85 1.19 0.00	20.93 1.22 0.00	21.46 1.23 0.00	25.57 1.44 0.00	29.95 1.61 0.00	29.99 1.62 0.00	25.22 1.48 0.00	24.70 1.59 0.00	24.80 1.66 0.00	26.17 1.79 0.00	26.01 1.91 0.00	27.01 1.96 0.00	26.82 1.91 0.00	25.74 1.80 0.00	28.65 1.85 0.00	22.54 1.31 0.00	19.48 0.98 0.00
ASTORIA_GT3_1 24098	19.90 1.17 0.00	18.79 1.11 0.00	15.99 0.92 0.00	12.76 0.74 0.00	10.80 0.63 0.00	12.00 0.72 0.00	17.25 1.03 0.00	19.85 1.19 0.00	20.93 1.22 0.00	21.46 1.23 0.00	25.57 1.44 0.00	29.95 1.61 0.00	29.99 1.62 0.00	25.22 1.48 0.00	24.70 1.59 0.00	24.80 1.66 0.00	26.17 1.79 0.00	26.01 1.91 0.00	27.01 1.96 0.00	26.82 1.91 0.00	25.74 1.80 0.00	28.65 1.85 0.00	22.54 1.31 0.00	19.48 0.98 0.00
ASTORIA_GT3_2 24099	19.90 1.17 0.00	18.79 1.11 0.00	15.99 0.92 0.00	12.76 0.74 0.00	10.80 0.63 0.00	12.00 0.72 0.00	17.25 1.03 0.00	19.85 1.19 0.00	20.93 1.22 0.00	21.46 1.23 0.00	25.57 1.44 0.00	29.95 1.61 0.00	29.99 1.62 0.00	25.22 1.48 0.00	24.70 1.59 0.00	24.80 1.66 0.00	26.17 1.79 0.00	26.01 1.91 0.00	27.01 1.96 0.00	26.82 1.91 0.00	25.74 1.80 0.00	28.65 1.85 0.00	22.54 1.31 0.00	19.48 0.98 0.00
ASTORIA_GT3_3 24100	19.90 1.17 0.00	18.79 1.11 0.00	15.99 0.92 0.00	12.76 0.74 0.00	10.80 0.63 0.00	12.00 0.72 0.00	17.25 1.03 0.00	19.85 1.19 0.00	20.93 1.22 0.00	21.46 1.23 0.00	25.57 1.44 0.00	29.95 1.61 0.00	29.99 1.62 0.00	25.22 1.48 0.00	24.70 1.59 0.00	24.80 1.66 0.00	26.17 1.79 0.00	26.01 1.91 0.00	27.01 1.96 0.00	26.82 1.91 0.00	25.74 1.80 0.00	28.65 1.85 0.00	22.54 1.31 0.00	19.48 0.98 0.00
ASTORIA_GT3_4 24101	19.90 1.17 0.00	18.79 1.11 0.00	15.99 0.92 0.00	12.76 0.74 0.00	10.80 0.63 0.00	12.00 0.72 0.00	17.25 1.03 0.00	19.85 1.19 0.00	20.93 1.22 0.00	21.46 1.23 0.00	25.57 1.44 0.00	29.95 1.61 0.00	29.99 1.62 0.00	25.22 1.48 0.00	24.70 1.59 0.00	24.80 1.66 0.00	26.17 1.79 0.00	26.01 1.91 0.00	27.01 1.96 0.00	26.82 1.91 0.00	25.74 1.80 0.00	28.65 1.85 0.00	22.54 1.31 0.00	19.48 0.98 0.00
ASTORIA_GT4_1 24102	19.90 1.17 0.00	18.79 1.11 0.00	15.99 0.92 0.00	12.76 0.74 0.00	10.80 0.63 0.00	12.00 0.72 0.00	17.25 1.03 0.00	19.85 1.19 0.00	20.93 1.22 0.00	21.46 1.23 0.00	25.57 1.44 0.00	29.95 1.61 0.00	29.99 1.62 0.00	25.22 1.48 0.00	24.70 1.59 0.00	24.80 1.66 0.00	26.17 1.79 0.00	26.01 1.91 0.00	27.01 1.96 0.00	26.82 1.91 0.00	25.74 1.80 0.00	28.65 1.85 0.00	22.54 1.31 0.00	19.48 0.98 0.00
ASTORIA_GT4_2 24103	19.90 1.17 0.00	18.79 1.11 0.00	15.99 0.92 0.00	12.76 0.74 0.00	10.80 0.63 0.00	12.00 0.72 0.00	17.25 1.03 0.00	19.85 1.19 0.00	20.93 1.22 0.00	21.46 1.23 0.00	25.57 1.44 0.00	29.95 1.61 0.00	29.99 1.62 0.00	25.22 1.48 0.00	24.70 1.59 0.00	24.80 1.66 0.00	26.17 1.79 0.00	26.01 1.91 0.00	27.01 1.96 0.00	26.82 1.91 0.00	25.74 1.80 0.00	28.65 1.85 0.00	22.54 1.31 0.00	19.48 0.98 0.00
ASTORIA_GT4_3 24104	19.90 1.17 0.00	18.79 1.11 0.00	15.99 0.92 0.00	12.76 0.74 0.00	10.80 0.63 0.00	12.00 0.72 0.00	17.25 1.03 0.00	19.85 1.19 0.00	20.93 1.22 0.00	21.46 1.23 0.00	25.57 1.44 0.00	29.95 1.61 0.00	29.99 1.62 0.00	25.22 1.48 0.00	24.70 1.59 0.00	24.80 1.66 0.00	26.17 1.79 0.00	26.01 1.91 0.00	27.01 1.96 0.00	26.82 1.91 0.00	25.74 1.80 0.00	28.65 1.85 0.00	22.54 1.31 0.00	19.48 0.98 0.00

ASTORIA_GT4_4 24105	19.90 1.17 0.00	18.79 1.11 0.00	15.99 0.92 0.00	12.76 0.74 0.00	10.80 0.63 0.00	12.00 0.72 0.00	17.25 1.03 0.00	19.85 1.19 0.00	20.93 1.22 0.00	21.46 1.23 0.00	25.57 1.44 0.00	29.95 1.61 0.00	29.99 1.62 0.00	25.22 1.48 0.00	24.70 1.59 0.00	24.80 1.66 0.00	26.17 1.79 0.00	26.01 1.91 0.00	27.01 1.96 0.00	26.82 1.91 0.00	25.74 1.80 0.00	28.65 1.85 0.00	22.54 1.31 0.00	19.48 0.98 0.00
ASTORIA_GT_1 23523	19.93 1.20 0.00	18.82 1.14 0.00	16.02 0.94 0.00	12.79 0.76 0.00	10.81 0.65 0.00	12.01 0.73 0.00	17.28 1.06 0.00	19.88 1.22 0.00	20.96 1.25 0.00	21.49 1.27 0.00	25.62 1.48 0.00	30.00 1.66 0.00	30.04 1.67 0.00	25.26 1.52 0.00	24.74 1.63 0.00	24.85 1.70 0.00	26.21 1.84 0.00	26.05 1.96 0.00	27.05 2.01 0.00	26.86 1.96 0.00	25.78 1.85 0.00	28.71 1.90 0.00	22.59 1.36 0.00	19.52 1.01 0.00
ASTORIA_GT_10 24110	19.89 1.16 0.00	18.77 1.08 0.00	15.98 0.91 0.00	12.76 0.74 0.00	10.79 0.63 0.00	11.99 0.71 0.00	17.23 1.01 0.00	19.82 1.16 0.00	20.91 1.21 0.00	21.46 1.24 0.00	25.58 1.44 0.00	29.99 1.65 0.00	30.02 1.65 0.00	25.22 1.48 0.00	24.71 1.59 0.00	24.80 1.66 0.00	26.17 1.79 0.00	26.00 1.91 0.00	27.01 1.96 0.00	26.83 1.92 0.00	25.74 1.80 0.00	28.66 1.86 0.00	22.51 1.28 0.00	19.46 0.95 0.00
ASTORIA_GT_11 24225	19.89 1.16 0.00	18.77 1.08 0.00	15.98 0.91 0.00	12.76 0.74 0.00	10.79 0.63 0.00	11.99 0.71 0.00	17.23 1.01 0.00	19.82 1.16 0.00	20.91 1.21 0.00	21.46 1.24 0.00	25.58 1.44 0.00	29.99 1.65 0.00	30.02 1.65 0.00	25.22 1.48 0.00	24.71 1.59 0.00	24.80 1.66 0.00	26.17 1.79 0.00	26.00 1.91 0.00	27.01 1.96 0.00	26.83 1.92 0.00	25.74 1.80 0.00	28.66 1.86 0.00	22.51 1.28 0.00	19.46 0.95 0.00
ASTORIA_GT_12 24226	19.89 1.16 0.00	18.77 1.08 0.00	15.98 0.91 0.00	12.76 0.74 0.00	10.79 0.63 0.00	11.99 0.71 0.00	17.23 1.01 0.00	19.82 1.16 0.00	20.91 1.21 0.00	21.46 1.24 0.00	25.58 1.44 0.00	29.99 1.65 0.00	30.02 1.65 0.00	25.22 1.48 0.00	24.71 1.59 0.00	24.80 1.66 0.00	26.17 1.79 0.00	26.00 1.91 0.00	27.01 1.96 0.00	26.83 1.92 0.00	25.74 1.80 0.00	28.66 1.86 0.00	22.51 1.28 0.00	19.46 0.95 0.00
ASTORIA_GT_13 24227	19.89 1.16 0.00	18.77 1.08 0.00	15.98 0.91 0.00	12.76 0.74 0.00	10.79 0.63 0.00	11.99 0.71 0.00	17.23 1.01 0.00	19.82 1.16 0.00	20.91 1.21 0.00	21.46 1.24 0.00	25.58 1.44 0.00	29.99 1.65 0.00	30.02 1.65 0.00	25.22 1.48 0.00	24.71 1.59 0.00	24.80 1.66 0.00	26.17 1.79 0.00	26.00 1.91 0.00	27.01 1.96 0.00	26.83 1.92 0.00	25.74 1.80 0.00	28.66 1.86 0.00	22.51 1.28 0.00	19.46 0.95 0.00
ASTORIA_GT_5 24106	19.93 1.20 0.00	18.82 1.14 0.00	16.02 0.94 0.00	12.79 0.76 0.00	10.81 0.65 0.00	12.01 0.73 0.00	17.28 1.06 0.00	19.88 1.22 0.00	20.96 1.25 0.00	21.49 1.27 0.00	25.62 1.49 0.00	30.00 1.66 0.00	30.04 1.67 0.00	25.26 1.53 0.00	24.74 1.63 0.00	24.85 1.70 0.00	26.21 1.83 0.00	26.05 1.96 0.00	27.05 2.01 0.00	26.86 1.96 0.00	25.78 1.85 0.00	28.71 1.90 0.00	22.58 1.35 0.00	19.52 1.01 0.00
ASTORIA_GT_7 24107	19.93 1.20 0.00	18.82 1.14 0.00	16.02 0.94 0.00	12.79 0.76 0.00	10.81 0.65 0.00	12.01 0.73 0.00	17.28 1.06 0.00	19.88 1.22 0.00	20.96 1.25 0.00	21.49 1.27 0.00	25.62 1.49 0.00	30.00 1.66 0.00	30.04 1.67 0.00	25.26 1.53 0.00	24.74 1.63 0.00	24.85 1.70 0.00	26.21 1.83 0.00	26.05 1.96 0.00	27.05 2.01 0.00	26.86 1.96 0.00	25.78 1.85 0.00	28.71 1.90 0.00	22.58 1.35 0.00	19.52 1.01 0.00
ASTORIA_GT_8 24108	19.93 1.20 0.00	18.82 1.14 0.00	16.02 0.94 0.00	12.79 0.76 0.00	10.81 0.65 0.00	12.01 0.73 0.00	17.28 1.06 0.00	19.88 1.22 0.00	20.96 1.25 0.00	21.49 1.27 0.00	25.62 1.49 0.00	30.00 1.66 0.00	30.04 1.67 0.00	25.26 1.53 0.00	24.74 1.63 0.00	24.85 1.70 0.00	26.21 1.83 0.00	26.05 1.96 0.00	27.05 2.01 0.00	26.86 1.96 0.00	25.78 1.85 0.00	28.71 1.90 0.00	22.58 1.35 0.00	19.52 1.01 0.00
ASTORIA___2 24149	19.90 1.17 0.00	18.79 1.11 0.00	15.99 0.92 0.00	12.77 0.74 0.00	10.80 0.63 0.00	12.00 0.72 0.00	17.25 1.03 0.00	19.85 1.19 0.00	20.93 1.22 0.00	21.46 1.23 0.00	25.57 1.44 0.00	29.95 1.61 0.00	29.99 1.62 0.00	25.22 1.48 0.00	24.70 1.59 0.00	24.80 1.66 0.00	26.17 1.79 0.00	26.01 1.91 0.00	27.01 1.96 0.00	26.82 1.91 0.00	25.73 1.80 0.00	28.65 1.85 0.00	22.55 1.32 0.00	19.48 0.98 0.00
ASTORIA___3 23516	19.89 1.16 0.00	18.77 1.08 0.00	15.98 0.91 0.00	12.76 0.74 0.00	10.79 0.63 0.00	11.99 0.71 0.00	17.23 1.01 0.00	19.82 1.16 0.00	20.92 1.21 0.00	21.46 1.23 0.00	25.57 1.44 0.00	29.99 1.65 0.00	30.02 1.65 0.00	25.22 1.48 0.00	24.70 1.59 0.00	24.80 1.66 0.00	26.17 1.79 0.00	26.00 1.91 0.00	27.01 1.96 0.00	26.83 1.92 0.00	25.74 1.80 0.00	28.66 1.86 0.00	22.52 1.29 0.00	19.46 0.95 0.00
ASTORIA___4 23517	19.89 1.16 0.00	18.77 1.08 0.00	15.98 0.91 0.00	12.76 0.74 0.00	10.79 0.63 0.00	11.99 0.71 0.00	17.23 1.01 0.00	19.82 1.16 0.00	20.91 1.21 0.00	21.46 1.24 0.00	25.58 1.44 0.00	29.99 1.65 0.00	30.02 1.65 0.00	25.22 1.48 0.00	24.71 1.59 0.00	24.80 1.66 0.00	26.17 1.79 0.00	26.00 1.91 0.00	27.01 1.96 0.00	26.83 1.92 0.00	25.74 1.80 0.00	28.66 1.86 0.00	22.51 1.28 0.00	19.46 0.95 0.00
ASTORIA___5 23518	19.89 1.16 0.00	18.77 1.08 0.00	15.98 0.91 0.00	12.76 0.74 0.00	10.79 0.63 0.00	11.99 0.71 0.00	17.23 1.01 0.00	19.82 1.16 0.00	20.92 1.21 0.00	21.46 1.23 0.00	25.57 1.44 0.00	29.99 1.65 0.00	30.02 1.65 0.00	25.21 1.47 0.00	24.70 1.59 0.00	24.80 1.66 0.00	26.17 1.79 0.00	26.00 1.91 0.00	27.01 1.96 0.00	26.83 1.92 0.00	25.74 1.80 0.00	28.66 1.86 0.00	22.52 1.29 0.00	19.46 0.95 0.00
AST_ENERGY_2_CC3 323677	19.79 1.06 0.00	18.69 1.00 0.00	15.91 0.84 0.00	12.70 0.68 0.00	10.74 0.58 0.00	11.93 0.65 0.00	17.15 0.93 0.00	19.73 1.06 0.00	20.80 1.09 0.00	21.34 1.11 0.00	25.42 1.28 0.00	29.80 1.47 0.00	29.84 1.47 0.00	25.06 1.32 0.00	24.56 1.45 0.00	24.65 1.51 0.00	26.02 1.64 0.00	25.84 1.75 0.00	26.84 1.80 0.00	26.67 1.76 0.00	25.58 1.65 0.00	28.50 1.70 0.00	22.38 1.15 0.00	19.36 0.86 0.00
AST_ENERGY_2_CC4 323678	19.79 1.06 0.00	18.69 1.00 0.00	15.91 0.84 0.00	12.70 0.68 0.00	10.74 0.58 0.00	11.93 0.65 0.00	17.15 0.93 0.00	19.73 1.06 0.00	20.80 1.09 0.00	21.34 1.11 0.00	25.42 1.28 0.00	29.80 1.47 0.00	29.84 1.47 0.00	25.06 1.32 0.00	24.56 1.45 0.00	24.65 1.51 0.00	26.02 1.64 0.00	25.84 1.75 0.00	26.84 1.80 0.00	26.67 1.76 0.00	25.58 1.65 0.00	28.50 1.70 0.00	22.38 1.15 0.00	19.36 0.86 0.00

ATHENS_STG_1 23668	19.28 0.55 0.00	18.25 0.56 0.00	15.57 0.49 0.00	12.42 0.40 0.00	10.50 0.34 0.00	11.66 0.38 0.00	16.73 0.51 0.00	19.24 0.58 0.00	20.29 0.59 0.00	20.82 0.60 0.00	24.80 0.67 0.00	29.09 0.76 0.00	29.12 0.74 0.00	24.43 0.69 0.00	23.88 0.76 0.00	23.94 0.79 0.00	25.23 0.85 0.00	25.06 0.97 0.00	26.00 0.95 0.00	25.84 0.93 0.00	24.77 0.84 0.00	27.64 0.84 0.00	21.77 0.54 0.00	18.88 0.37 0.00
ATHENS_STG_2 23670	19.28 0.55 0.00	18.25 0.56 0.00	15.57 0.49 0.00	12.42 0.40 0.00	10.50 0.34 0.00	11.66 0.38 0.00	16.73 0.51 0.00	19.24 0.58 0.00	20.29 0.59 0.00	20.82 0.60 0.00	24.80 0.67 0.00	29.09 0.76 0.00	29.12 0.74 0.00	24.43 0.69 0.00	23.88 0.76 0.00	23.94 0.79 0.00	25.23 0.85 0.00	25.06 0.97 0.00	26.00 0.95 0.00	25.84 0.93 0.00	24.77 0.84 0.00	27.64 0.84 0.00	21.77 0.54 0.00	18.88 0.37 0.00
ATHENS_STG_3 23677	19.28 0.55 0.00	18.25 0.56 0.00	15.57 0.49 0.00	12.42 0.40 0.00	10.50 0.34 0.00	11.66 0.38 0.00	16.73 0.51 0.00	19.24 0.58 0.00	20.29 0.59 0.00	20.82 0.60 0.00	24.80 0.67 0.00	29.09 0.76 0.00	29.12 0.74 0.00	24.43 0.69 0.00	23.88 0.76 0.00	23.94 0.79 0.00	25.23 0.85 0.00	25.06 0.97 0.00	26.00 0.95 0.00	25.84 0.93 0.00	24.77 0.84 0.00	27.64 0.84 0.00	21.77 0.54 0.00	18.88 0.37 0.00
AUBURN___LFGE 323710	18.78 0.05 0.00	17.69 0.01 0.00	15.03 -0.04 0.00	11.98 -0.04 0.00	10.19 0.02 0.00	11.31 0.03 0.00	16.30 0.08 0.00	18.74 0.08 0.00	19.91 0.20 0.00	20.33 0.11 0.00	24.36 0.23 0.00	28.47 0.13 0.00	28.64 0.27 0.00	23.93 0.19 0.00	23.29 0.17 0.00	23.44 0.30 0.00	24.77 0.39 0.00	24.38 0.29 0.00	25.38 0.33 0.00	25.30 0.39 0.00	24.20 0.27 0.00	27.20 0.39 0.00	21.51 0.28 0.00	18.81 0.31 0.00
BABYLON_RES_REC 323704	20.19 1.46 0.00	19.04 1.35 0.00	16.18 1.11 0.00	12.90 0.88 0.00	10.92 0.75 0.00	12.12 0.84 0.00	17.48 1.26 0.00	20.08 1.42 0.00	21.26 1.55 0.00	21.87 1.65 0.00	36.78 1.91 -10.73	30.49 2.16 0.00	30.53 2.16 0.00	25.59 1.85 0.00	25.05 1.93 0.00	25.06 1.92 0.00	26.58 2.20 0.00	26.33 2.24 0.00	27.40 2.36 0.00	27.29 2.39 0.00	26.10 2.17 0.00	29.04 2.24 0.00	23.90 1.66 -1.02	19.76 1.26 0.00
BABYLON__69_KV_BK2 356345	20.37 1.64 0.00	19.20 1.52 0.00	16.32 1.25 0.00	13.02 0.99 0.00	11.01 0.84 0.00	12.22 0.94 0.00	17.64 1.42 0.00	20.27 1.60 0.00	21.46 1.76 0.00	22.09 1.87 0.00	37.04 2.17 -10.73	30.78 2.45 0.00	30.82 2.45 0.00	25.84 2.10 0.00	25.29 2.17 0.00	25.31 2.17 0.00	26.87 2.49 0.00	26.60 2.51 0.00	27.70 2.66 0.00	27.61 2.70 0.00	26.39 2.45 0.00	29.34 2.53 0.00	24.13 1.89 -1.02	19.96 1.46 0.00
BALL_HILL_WT_PWR 323825	17.65 -1.08 0.00	16.53 -1.16 0.00	14.06 -1.01 0.00	11.18 -0.84 0.00	9.47 -0.70 0.00	10.49 -0.78 0.00	15.39 -0.83 0.00	17.61 -1.05 0.00	18.77 -0.94 0.00	19.05 -1.17 0.00	22.60 -1.53 0.00	26.47 -1.87 0.00	26.51 -1.86 0.00	22.09 -1.65 0.00	21.60 -1.52 0.00	21.89 -1.25 0.00	22.92 -1.45 0.00	22.71 -1.38 0.00	23.66 -1.38 0.00	23.77 -1.14 0.00	23.06 -0.87 0.00	26.05 -0.76 0.00	20.67 -0.56 0.00	18.25 -0.25 0.00
BARON_WINDS___WT_PWR 323822	17.51 -1.22 0.00	16.42 -1.27 0.00	13.97 -1.10 0.00	11.11 -0.91 0.00	9.40 -0.77 0.00	10.44 -0.84 0.00	15.22 -1.00 0.00	17.51 -1.16 0.00	18.60 -1.10 0.00	19.01 -1.21 0.00	22.61 -1.53 0.00	26.58 -1.75 0.00	26.56 -1.81 0.00	22.11 -1.62 0.00	21.60 -1.51 0.00	21.82 -1.32 0.00	22.96 -1.42 0.00	22.83 -1.27 0.00	23.83 -1.22 0.00	23.89 -1.01 0.00	23.21 -0.72 0.00	26.18 -0.62 0.00	20.69 -0.53 0.00	18.24 -0.26 0.00
BARRETT_IC_1 23704	19.97 1.24 0.00	18.85 1.16 0.00	16.02 0.95 0.00	12.79 0.76 0.00	10.82 0.65 0.00	12.01 0.73 0.00	17.30 1.08 0.00	19.89 1.23 0.00	21.03 1.33 0.00	21.62 1.39 0.00	36.52 1.66 -10.73	30.18 1.84 0.00	30.22 1.85 0.00	25.36 1.62 0.00	24.82 1.70 0.00	24.87 1.72 0.00	26.28 1.90 0.00	26.09 1.99 0.00	27.12 2.08 0.00	26.97 2.07 0.00	25.85 1.91 0.00	28.77 1.96 0.00	23.66 1.42 -1.02	19.54 1.04 0.00
BARRETT_IC_10 23701	19.97 1.24 0.00	18.85 1.16 0.00	16.02 0.95 0.00	12.79 0.76 0.00	10.82 0.65 0.00	12.01 0.73 0.00	17.30 1.08 0.00	19.89 1.23 0.00	21.03 1.33 0.00	21.62 1.39 0.00	36.52 1.66 -10.73	30.18 1.84 0.00	30.22 1.85 0.00	25.36 1.62 0.00	24.82 1.70 0.00	24.87 1.72 0.00	26.28 1.90 0.00	26.09 1.99 0.00	27.12 2.08 0.00	26.97 2.07 0.00	25.85 1.91 0.00	28.77 1.96 0.00	23.66 1.42 -1.02	19.54 1.04 0.00
BARRETT_IC_11 23702	19.97 1.24 0.00	18.85 1.16 0.00	16.02 0.95 0.00	12.79 0.76 0.00	10.82 0.65 0.00	12.01 0.73 0.00	17.30 1.08 0.00	19.89 1.23 0.00	21.03 1.33 0.00	21.62 1.39 0.00	36.52 1.66 -10.73	30.18 1.84 0.00	30.22 1.85 0.00	25.36 1.62 0.00	24.82 1.70 0.00	24.87 1.72 0.00	26.28 1.90 0.00	26.09 1.99 0.00	27.12 2.08 0.00	26.97 2.07 0.00	25.85 1.91 0.00	28.77 1.96 0.00	23.66 1.42 -1.02	19.54 1.04 0.00
BARRETT_IC_12 23703	19.97 1.24 0.00	18.85 1.16 0.00	16.02 0.95 0.00	12.79 0.76 0.00	10.82 0.65 0.00	12.01 0.73 0.00	17.30 1.08 0.00	19.89 1.23 0.00	21.03 1.33 0.00	21.62 1.39 0.00	36.52 1.66 -10.73	30.18 1.84 0.00	30.22 1.85 0.00	25.36 1.62 0.00	24.82 1.70 0.00	24.87 1.72 0.00	26.28 1.90 0.00	26.09 1.99 0.00	27.12 2.08 0.00	26.97 2.07 0.00	25.85 1.91 0.00	28.77 1.96 0.00	23.66 1.42 -1.02	19.54 1.04 0.00
BARRETT_IC_2 23705	19.97 1.24 0.00	18.85 1.16 0.00	16.02 0.95 0.00	12.79 0.76 0.00	10.82 0.65 0.00	12.01 0.73 0.00	17.30 1.08 0.00	19.89 1.23 0.00	21.03 1.33 0.00	21.62 1.39 0.00	36.52 1.66 -10.73	30.18 1.84 0.00	30.22 1.85 0.00	25.36 1.62 0.00	24.82 1.70 0.00	24.87 1.72 0.00	26.28 1.90 0.00	26.09 1.99 0.00	27.12 2.08 0.00	26.97 2.07 0.00	25.85 1.91 0.00	28.77 1.96 0.00	23.66 1.42 -1.02	19.54 1.04 0.00
BARRETT_IC_3 23706	19.97 1.24 0.00	18.85 1.16 0.00	16.02 0.95 0.00	12.79 0.76 0.00	10.82 0.65 0.00	12.01 0.73 0.00	17.30 1.08 0.00	19.89 1.23 0.00	21.03 1.33 0.00	21.62 1.39 0.00	36.52 1.66 -10.73	30.18 1.84 0.00	30.22 1.85 0.00	25.36 1.62 0.00	24.82 1.70 0.00	24.87 1.72 0.00	26.28 1.90 0.00	26.09 1.99 0.00	27.12 2.08 0.00	26.97 2.07 0.00	25.85 1.91 0.00	28.77 1.96 0.00	23.66 1.42 -1.02	19.54 1.04 0.00
BARRETT_IC_4 23707	19.97 1.24 0.00	18.85 1.16 0.00	16.02 0.95 0.00	12.79 0.76 0.00	10.82 0.65 0.00	12.01 0.73 0.00	17.30 1.08 0.00	19.89 1.23 0.00	21.03 1.33 0.00	21.62 1.39 0.00	36.52 1.66 -10.73	30.18 1.84 0.00	30.22 1.85 0.00	25.36 1.62 0.00	24.82 1.70 0.00	24.87 1.72 0.00	26.28 1.90 0.00	26.09 1.99 0.00	27.12 2.08 0.00	26.97 2.07 0.00	25.85 1.91 0.00	28.77 1.96 0.00	23.66 1.42 -1.02	19.54 1.04 0.00

BARRETT_IC_5 23708	19.97 1.24 0.00	18.85 1.16 0.00	16.02 0.95 0.00	12.79 0.76 0.00	10.82 0.65 0.00	12.01 0.73 0.00	17.30 1.08 0.00	19.89 1.23 0.00	21.03 1.33 0.00	21.62 1.39 0.00	36.52 1.66 -10.73	30.18 1.84 0.00	30.22 1.85 0.00	25.36 1.62 0.00	24.82 1.70 0.00	24.87 1.72 0.00	26.28 1.90 0.00	26.09 1.99 0.00	27.12 2.08 0.00	26.97 2.07 0.00	25.85 1.91 0.00	28.77 1.96 0.00	23.66 1.42 -1.02	19.54 1.04 0.00
BARRETT_IC_6 23709	19.97 1.24 0.00	18.85 1.16 0.00	16.02 0.95 0.00	12.79 0.76 0.00	10.82 0.65 0.00	12.01 0.73 0.00	17.30 1.08 0.00	19.89 1.23 0.00	21.03 1.33 0.00	21.62 1.39 0.00	36.52 1.66 -10.73	30.18 1.84 0.00	30.22 1.85 0.00	25.36 1.62 0.00	24.82 1.70 0.00	24.87 1.72 0.00	26.28 1.90 0.00	26.09 1.99 0.00	27.12 2.08 0.00	26.97 2.07 0.00	25.85 1.91 0.00	28.77 1.96 0.00	23.66 1.42 -1.02	19.54 1.04 0.00
BARRETT_IC_7 23710	19.97 1.24 0.00	18.85 1.16 0.00	16.02 0.95 0.00	12.79 0.76 0.00	10.82 0.65 0.00	12.01 0.73 0.00	17.31 1.09 0.00	19.90 1.24 0.00	21.03 1.33 0.00	21.62 1.40 0.00	36.54 1.67 -10.73	30.18 1.84 0.00	30.22 1.85 0.00	25.36 1.63 0.00	24.82 1.70 0.00	24.87 1.72 0.00	26.28 1.91 0.00	26.09 2.00 0.00	27.13 2.08 0.00	26.98 2.07 0.00	25.85 1.92 0.00	28.77 1.96 0.00	23.66 1.42 -1.02	19.54 1.04 0.00
BARRETT_IC_8 23711	19.97 1.24 0.00	18.85 1.16 0.00	16.02 0.95 0.00	12.79 0.76 0.00	10.82 0.65 0.00	12.01 0.73 0.00	17.30 1.08 0.00	19.89 1.23 0.00	21.03 1.33 0.00	21.62 1.39 0.00	36.52 1.66 -10.73	30.18 1.84 0.00	30.22 1.85 0.00	25.36 1.62 0.00	24.82 1.70 0.00	24.87 1.72 0.00	26.28 1.90 0.00	26.09 1.99 0.00	27.12 2.08 0.00	26.97 2.07 0.00	25.85 1.91 0.00	28.77 1.96 0.00	23.66 1.42 -1.02	19.54 1.04 0.00
BARRETT_IC_9 23700	19.97 1.24 0.00	18.85 1.16 0.00	16.02 0.95 0.00	12.79 0.76 0.00	10.82 0.65 0.00	12.01 0.73 0.00	17.30 1.08 0.00	19.89 1.23 0.00	21.03 1.33 0.00	21.62 1.39 0.00	36.52 1.66 -10.73	30.18 1.84 0.00	30.22 1.85 0.00	25.36 1.62 0.00	24.82 1.70 0.00	24.87 1.72 0.00	26.28 1.90 0.00	26.09 1.99 0.00	27.12 2.08 0.00	26.97 2.07 0.00	25.85 1.91 0.00	28.77 1.96 0.00	23.66 1.42 -1.02	19.54 1.04 0.00
BARRETT___1 23545	19.97 1.24 0.00	18.85 1.16 0.00	16.02 0.95 0.00	12.79 0.76 0.00	10.82 0.65 0.00	12.01 0.73 0.00	17.30 1.08 0.00	19.89 1.23 0.00	21.03 1.33 0.00	21.62 1.39 0.00	36.52 1.66 -10.73	30.18 1.84 0.00	30.22 1.85 0.00	25.36 1.62 0.00	24.82 1.70 0.00	24.87 1.72 0.00	26.28 1.90 0.00	26.09 1.99 0.00	27.12 2.08 0.00	26.97 2.07 0.00	25.85 1.91 0.00	28.77 1.96 0.00	23.66 1.42 -1.02	19.54 1.04 0.00
BARRETT___2 23546	19.97 1.24 0.00	18.85 1.16 0.00	16.02 0.95 0.00	12.79 0.76 0.00	10.82 0.65 0.00	12.01 0.73 0.00	17.30 1.08 0.00	19.89 1.23 0.00	21.03 1.33 0.00	21.62 1.39 0.00	36.52 1.66 -10.73	30.18 1.84 0.00	30.22 1.85 0.00	25.36 1.62 0.00	24.82 1.70 0.00	24.87 1.72 0.00	26.28 1.90 0.00	26.09 1.99 0.00	27.12 2.08 0.00	26.97 2.07 0.00	25.85 1.91 0.00	28.77 1.96 0.00	23.66 1.42 -1.02	19.54 1.04 0.00
BATAVIA___115KV_TB1 55881	18.01 -0.72 0.00	16.85 -0.83 0.00	14.35 -0.72 0.00	11.41 -0.61 0.00	9.65 -0.52 0.00	10.70 -0.58 0.00	15.68 -0.54 0.00	17.94 -0.73 0.00	19.13 -0.58 0.00	19.44 -0.78 0.00	23.10 -1.03 0.00	27.04 -1.29 0.00	27.16 -1.21 0.00	22.63 -1.11 0.00	22.05 -1.06 0.00	22.39 -0.75 0.00	23.49 -0.89 0.00	23.16 -0.93 0.00	23.97 -1.08 0.00	23.93 -0.97 0.00	23.17 -0.77 0.00	26.09 -0.72 0.00	20.76 -0.47 0.00	18.33 -0.17 0.00
BAYONEEC___CTG1 323682	19.80 1.07 0.00	18.69 1.01 0.00	15.92 0.85 0.00	12.70 0.68 0.00	10.75 0.58 0.00	11.93 0.66 0.00	17.16 0.94 0.00	19.74 1.08 0.00	20.82 1.11 0.00	21.36 1.14 0.00	25.44 1.31 0.00	29.84 1.51 0.00	29.88 1.51 0.00	25.09 1.35 0.00	24.59 1.47 0.00	24.67 1.53 0.00	26.05 1.67 0.00	25.87 1.78 0.00	26.87 1.82 0.00	26.70 1.79 0.00	25.62 1.68 0.00	28.54 1.73 0.00	22.40 1.17 0.00	19.37 0.87 0.00
BAYONEEC___CTG10 323750	19.80 1.07 0.00	18.69 1.01 0.00	15.92 0.85 0.00	12.70 0.68 0.00	10.75 0.58 0.00	11.93 0.66 0.00	17.16 0.94 0.00	19.74 1.08 0.00	20.82 1.11 0.00	21.36 1.14 0.00	25.44 1.31 0.00	29.84 1.51 0.00	29.88 1.51 0.00	25.09 1.35 0.00	24.59 1.47 0.00	24.67 1.53 0.00	26.05 1.67 0.00	25.87 1.78 0.00	26.87 1.82 0.00	26.70 1.79 0.00	25.62 1.68 0.00	28.54 1.73 0.00	22.40 1.17 0.00	19.37 0.87 0.00
BAYONEEC___CTG2 323683	19.80 1.07 0.00	18.69 1.01 0.00	15.92 0.85 0.00	12.70 0.68 0.00	10.75 0.58 0.00	11.93 0.66 0.00	17.16 0.94 0.00	19.74 1.08 0.00	20.82 1.11 0.00	21.36 1.14 0.00	25.44 1.31 0.00	29.84 1.51 0.00	29.88 1.51 0.00	25.09 1.35 0.00	24.59 1.47 0.00	24.67 1.53 0.00	26.05 1.67 0.00	25.87 1.78 0.00	26.87 1.82 0.00	26.70 1.79 0.00	25.62 1.68 0.00	28.54 1.73 0.00	22.40 1.17 0.00	19.37 0.87 0.00
BAYONEEC___CTG3 323684	19.80 1.07 0.00	18.69 1.01 0.00	15.92 0.85 0.00	12.70 0.68 0.00	10.75 0.58 0.00	11.93 0.66 0.00	17.16 0.94 0.00	19.74 1.08 0.00	20.82 1.11 0.00	21.36 1.14 0.00	25.44 1.31 0.00	29.84 1.51 0.00	29.88 1.51 0.00	25.09 1.35 0.00	24.59 1.47 0.00	24.67 1.53 0.00	26.05 1.67 0.00	25.87 1.78 0.00	26.87 1.82 0.00	26.70 1.79 0.00	25.62 1.68 0.00	28.54 1.73 0.00	22.40 1.17 0.00	19.37 0.87 0.00
BAYONEEC___CTG4 323685	19.80 1.07 0.00	18.69 1.01 0.00	15.92 0.85 0.00	12.70 0.68 0.00	10.75 0.58 0.00	11.93 0.66 0.00	17.16 0.94 0.00	19.74 1.08 0.00	20.82 1.11 0.00	21.36 1.14 0.00	25.44 1.31 0.00	29.84 1.51 0.00	29.88 1.51 0.00	25.09 1.35 0.00	24.59 1.47 0.00	24.67 1.53 0.00	26.05 1.67 0.00	25.87 1.78 0.00	26.87 1.82 0.00	26.70 1.79 0.00	25.62 1.68 0.00	28.54 1.73 0.00	22.40 1.17 0.00	19.37 0.87 0.00
BAYONEEC___CTG5 323686	19.80 1.07 0.00	18.69 1.01 0.00	15.92 0.85 0.00	12.70 0.68 0.00	10.75 0.58 0.00	11.93 0.66 0.00	17.16 0.94 0.00	19.74 1.08 0.00	20.82 1.11 0.00	21.36 1.14 0.00	25.44 1.31 0.00	29.84 1.51 0.00	29.88 1.51 0.00	25.09 1.35 0.00	24.59 1.47 0.00	24.67 1.53 0.00	26.05 1.67 0.00	25.87 1.78 0.00	26.87 1.82 0.00	26.70 1.79 0.00	25.62 1.68 0.00	28.54 1.73 0.00	22.40 1.17 0.00	19.37 0.87 0.00
BAYONEEC___CTG6 323687	19.80 1.07 0.00	18.69 1.01 0.00	15.92 0.85 0.00	12.70 0.68 0.00	10.75 0.58 0.00	11.93 0.66 0.00	17.16 0.94 0.00	19.74 1.08 0.00	20.82 1.11 0.00	21.36 1.14 0.00	25.44 1.31 0.00	29.84 1.51 0.00	29.88 1.51 0.00	25.09 1.35 0.00	24.59 1.47 0.00	24.67 1.53 0.00	26.05 1.67 0.00	25.87 1.78 0.00	26.87 1.82 0.00	26.70 1.79 0.00	25.62 1.68 0.00	28.54 1.73 0.00	22.40 1.17 0.00	19.37 0.87 0.00

BAYONEEC___CTG7 323688	19.80 1.07 0.00	18.69 1.01 0.00	15.92 0.85 0.00	12.70 0.68 0.00	10.75 0.58 0.00	11.93 0.66 0.00	17.16 0.94 0.00	19.74 1.08 0.00	20.82 1.11 0.00	21.36 1.14 0.00	25.44 1.31 0.00	29.84 1.51 0.00	29.88 1.51 0.00	25.09 1.35 0.00	24.59 1.47 0.00	24.67 1.53 0.00	26.05 1.67 0.00	25.87 1.78 0.00	26.87 1.82 0.00	26.70 1.79 0.00	25.62 1.68 0.00	28.54 1.73 0.00	22.40 1.17 0.00	19.37 0.87 0.00
BAYONEEC___CTG8 323689	19.80 1.07 0.00	18.69 1.01 0.00	15.92 0.85 0.00	12.70 0.68 0.00	10.75 0.58 0.00	11.93 0.66 0.00	17.16 0.94 0.00	19.74 1.08 0.00	20.82 1.11 0.00	21.36 1.14 0.00	25.44 1.31 0.00	29.84 1.51 0.00	29.88 1.51 0.00	25.09 1.35 0.00	24.59 1.47 0.00	24.67 1.53 0.00	26.05 1.67 0.00	25.87 1.78 0.00	26.87 1.82 0.00	26.70 1.79 0.00	25.62 1.68 0.00	28.54 1.73 0.00	22.40 1.17 0.00	19.37 0.87 0.00
BAYONEEC___CTG9 323749	19.80 1.07 0.00	18.69 1.01 0.00	15.92 0.85 0.00	12.70 0.68 0.00	10.75 0.58 0.00	11.93 0.66 0.00	17.16 0.94 0.00	19.74 1.08 0.00	20.82 1.11 0.00	21.36 1.14 0.00	25.44 1.31 0.00	29.84 1.51 0.00	29.88 1.51 0.00	25.09 1.35 0.00	24.59 1.47 0.00	24.67 1.53 0.00	26.05 1.67 0.00	25.87 1.78 0.00	26.87 1.82 0.00	26.70 1.79 0.00	25.62 1.68 0.00	28.54 1.73 0.00	22.40 1.17 0.00	19.37 0.87 0.00
BEACON___LESR 323632	19.16 0.43 0.00	18.14 0.45 0.00	15.50 0.43 0.00	12.36 0.34 0.00	10.46 0.29 0.00	11.62 0.34 0.00	16.72 0.50 0.00	19.19 0.53 0.00	20.22 0.52 0.00	20.76 0.54 0.00	24.71 0.57 0.00	28.99 0.65 0.00	29.02 0.64 0.00	24.32 0.58 0.00	23.77 0.66 0.00	23.83 0.68 0.00	25.14 0.76 0.00	24.97 0.88 0.00	25.90 0.85 0.00	25.73 0.82 0.00	24.59 0.65 0.00	27.42 0.61 0.00	21.56 0.33 0.00	18.71 0.20 0.00
BEAVER RIVER___HYD 24048	17.82 -0.91 0.00	16.80 -0.89 0.00	14.26 -0.81 0.00	11.38 -0.64 0.00	10.71 -0.49 -1.03	11.87 -0.62 -1.21	16.55 -0.55 -1.25	17.77 -0.90 0.00	18.78 -0.92 0.00	19.28 -0.95 0.00	23.01 -1.12 0.00	26.99 -1.34 0.00	27.08 -1.29 0.00	22.69 -1.05 0.00	22.20 -0.91 0.00	22.21 -0.93 0.00	25.81 -1.00 -2.44	25.68 -1.03 -2.62	26.63 -1.09 -2.68	25.21 -1.03 -1.33	24.69 -0.99 -1.75	26.52 -1.00 -0.72	20.53 -0.69 0.00	18.10 -0.60 -0.19
BEEBEE_GT_13 23619	18.03 -0.70 0.00	16.91 -0.77 0.00	14.41 -0.66 0.00	11.47 -0.55 0.00	9.70 -0.47 0.00	10.76 -0.52 0.00	15.68 -0.55 0.00	17.98 -0.69 0.00	19.11 -0.60 0.00	19.52 -0.71 0.00	23.23 -0.91 0.00	27.23 -1.11 0.00	27.29 -1.08 0.00	22.75 -0.99 0.00	22.15 -0.97 0.00	22.39 -0.75 0.00	23.53 -0.85 0.00	23.22 -0.87 0.00	24.04 -1.00 0.00	23.98 -0.93 0.00	23.14 -0.79 0.00	26.02 -0.79 0.00	20.69 -0.54 0.00	18.20 -0.31 0.00
BENSHRST_27_KV_BENSHRST_1 355998	20.00 1.27 0.00	18.87 1.19 0.00	16.06 0.99 0.00	12.82 0.80 0.00	10.84 0.68 0.00	12.04 0.77 0.00	17.32 1.10 0.00	19.93 1.26 0.00	21.03 1.32 0.00	21.58 1.36 0.00	25.74 1.60 0.00	30.17 1.84 0.00	30.21 1.83 0.00	25.37 1.63 0.00	24.86 1.75 0.00	24.96 1.82 0.00	26.35 1.97 0.00	26.18 2.09 0.00	27.21 2.16 0.00	27.03 2.12 0.00	25.93 1.99 0.00	28.88 2.07 0.00	22.66 1.43 0.00	19.58 1.07 0.00
BETHLEHEM___GRP 23843	18.84 0.11 0.00	17.86 0.17 0.00	15.29 0.21 0.00	12.20 0.18 0.00	10.31 0.15 0.00	11.46 0.18 0.00	16.43 0.21 0.00	18.81 0.14 0.00	19.82 0.11 0.00	20.38 0.16 0.00	24.23 0.09 0.00	28.41 0.07 0.00	28.45 0.08 0.00	23.87 0.13 0.00	23.32 0.21 0.00	23.36 0.22 0.00	24.63 0.25 0.00	24.46 0.37 0.00	25.36 0.31 0.00	25.20 0.29 0.00	24.13 0.20 0.00	26.93 0.13 0.00	21.20 -0.02 0.00	18.43 -0.08 0.00
BETHLEHEM___GS1 323560	18.84 0.11 0.00	17.86 0.17 0.00	15.29 0.21 0.00	12.20 0.18 0.00	10.31 0.15 0.00	11.46 0.18 0.00	16.43 0.21 0.00	18.81 0.14 0.00	19.82 0.11 0.00	20.38 0.16 0.00	24.23 0.09 0.00	28.41 0.07 0.00	28.45 0.08 0.00	23.87 0.13 0.00	23.32 0.21 0.00	23.36 0.22 0.00	24.63 0.25 0.00	24.46 0.37 0.00	25.36 0.31 0.00	25.20 0.29 0.00	24.13 0.20 0.00	26.93 0.13 0.00	21.20 -0.03 0.00	18.43 -0.07 0.00
BETHLEHEM___GS2 323561	18.84 0.11 0.00	17.86 0.17 0.00	15.29 0.21 0.00	12.20 0.18 0.00	10.31 0.15 0.00	11.46 0.18 0.00	16.43 0.21 0.00	18.81 0.14 0.00	19.82 0.11 0.00	20.38 0.16 0.00	24.23 0.09 0.00	28.41 0.07 0.00	28.45 0.08 0.00	23.87 0.13 0.00	23.32 0.21 0.00	23.36 0.22 0.00	24.63 0.25 0.00	24.46 0.37 0.00	25.36 0.31 0.00	25.20 0.29 0.00	24.13 0.20 0.00	26.93 0.13 0.00	21.20 -0.03 0.00	18.43 -0.07 0.00
BETHLEHEM___GS3 323562	18.84 0.11 0.00	17.86 0.17 0.00	15.29 0.21 0.00	12.20 0.18 0.00	10.31 0.15 0.00	11.46 0.18 0.00	16.43 0.21 0.00	18.81 0.14 0.00	19.82 0.11 0.00	20.38 0.16 0.00	24.23 0.09 0.00	28.41 0.07 0.00	28.45 0.08 0.00	23.87 0.13 0.00	23.32 0.21 0.00	23.36 0.22 0.00	24.63 0.25 0.00	24.46 0.37 0.00	25.36 0.31 0.00	25.20 0.29 0.00	24.13 0.20 0.00	26.93 0.13 0.00	21.20 -0.03 0.00	18.43 -0.07 0.00
BETHLEHEM___STEEL 23779	17.75 -0.98 0.00	16.61 -1.08 0.00	14.14 -0.93 0.00	11.24 -0.78 0.00	9.50 -0.66 0.00	10.53 -0.75 0.00	15.44 -0.78 0.00	17.66 -1.00 0.00	18.84 -0.87 0.00	19.14 -1.08 0.00	22.72 -1.41 0.00	26.60 -1.73 0.00	26.69 -1.68 0.00	22.23 -1.51 0.00	21.67 -1.44 0.00	22.01 -1.13 0.00	23.05 -1.33 0.00	22.78 -1.32 0.00	23.61 -1.43 0.00	23.65 -1.25 0.00	22.94 -1.00 0.00	25.90 -0.91 0.00	20.63 -0.59 0.00	18.26 -0.24 0.00
BETHLHEM_115KV_TB1 79974	18.90 0.16 0.00	17.91 0.22 0.00	15.32 0.25 0.00	12.22 0.20 0.00	10.33 0.17 0.00	11.48 0.20 0.00	16.46 0.24 0.00	18.86 0.20 0.00	19.88 0.17 0.00	20.44 0.21 0.00	24.30 0.17 0.00	28.50 0.17 0.00	28.54 0.17 0.00	23.94 0.20 0.00	23.39 0.28 0.00	23.43 0.30 0.00	24.71 0.33 0.00	24.54 0.45 0.00	25.44 0.39 0.00	25.27 0.37 0.00	24.21 0.27 0.00	27.02 0.21 0.00	21.28 0.05 0.00	18.49 -0.01 0.00
BETHPAGE_CC_5 323564	20.15 1.42 0.00	19.01 1.32 0.00	16.16 1.09 0.00	12.89 0.87 0.00	10.90 0.74 0.00	12.10 0.83 0.00	17.46 1.24 0.00	20.06 1.40 0.00	21.22 1.52 0.00	21.82 1.60 0.00	36.75 1.88 -10.73	30.45 2.11 0.00	30.49 2.12 0.00	25.58 1.84 0.00	25.03 1.92 0.00	25.01 1.87 0.00	26.49 2.11 0.00	26.26 2.17 0.00	27.31 2.26 0.00	27.19 2.28 0.00	26.03 2.09 0.00	28.96 2.15 0.00	23.82 1.58 -1.02	19.69 1.19 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	17.86 -0.87 0.00	16.70 -0.99 0.00	14.22 -0.85 0.00	11.31 -0.72 0.00	9.56 -0.61 0.00	10.59 -0.69 0.00	15.53 -0.69 0.00	17.77 -0.89 0.00	18.96 -0.75 0.00	19.27 -0.96 0.00	22.87 -1.27 0.00	26.77 -1.56 0.00	26.85 -1.52 0.00	22.38 -1.36 0.00	21.81 -1.31 0.00	22.16 -0.98 0.00	23.21 -1.17 0.00	22.95 -1.14 0.00	23.79 -1.26 0.00	23.82 -1.09 0.00	23.10 -0.84 0.00	26.08 -0.73 0.00	20.77 -0.46 0.00	18.37 -0.13 0.00

BINGHAMTON___COGEN 23790	18.60 -0.13 0.00	17.54 -0.14 0.00	14.93 -0.14 0.00	11.91 -0.11 0.00	10.08 -0.09 0.00	11.18 -0.09 0.00	16.14 -0.08 0.00	18.59 -0.07 0.00	19.65 -0.06 0.00	20.14 -0.09 0.00	23.98 -0.15 0.00	28.16 -0.18 0.00	28.13 -0.25 0.00	23.53 -0.21 0.00	22.98 -0.14 0.00	23.09 -0.05 0.00	24.33 -0.05 0.00	24.11 0.02 0.00	25.07 0.02 0.00	24.97 0.06 0.00	24.02 0.08 0.00	26.91 0.11 0.00	21.23 0.00 0.00	18.53 0.03 0.00
BIXINCNT_115KV_LOAD 355685	17.88 -0.86 0.00	16.50 -1.18 0.00	14.08 -0.99 0.00	11.22 -0.80 0.00	9.49 -0.68 0.00	10.58 -0.70 0.00	15.46 -0.76 0.00	17.80 -0.87 0.00	19.01 -0.69 0.00	19.21 -1.02 0.00	22.80 -1.34 0.00	26.46 -1.88 0.00	26.51 -1.87 0.00	22.15 -1.59 0.00	21.72 -1.39 0.00	22.18 -0.97 0.00	23.29 -1.09 0.00	23.28 -0.81 0.00	24.15 -0.90 0.00	24.23 -0.68 0.00	23.51 -0.42 0.00	26.62 -0.19 0.00	21.22 0.00 0.00	18.76 0.25 0.00
BLACK RIVER___HYD 24047	17.71 -1.02 0.00	16.68 -1.01 0.00	14.14 -0.93 0.00	11.29 -0.73 0.00	10.31 -0.58 -0.72	11.43 -0.70 -0.85	16.12 -0.97 -0.88	17.72 -0.94 0.00	18.73 -0.97 0.00	19.23 -1.00 0.00	22.92 -1.21 0.00	26.82 -1.52 0.00	26.88 -1.50 0.00	22.55 -1.19 0.00	22.10 -1.01 0.00	22.21 -0.93 0.00	25.10 -0.98 -1.71	24.94 -0.98 -1.83	25.80 -1.11 -1.87	24.82 -1.02 -0.93	24.18 -0.98 -1.22	26.27 -1.04 -0.50	20.46 -0.76 0.00	17.96 -0.68 -0.13
BLACKRVR_115KV_TB2 79977	17.71 -1.02 0.00	16.68 -1.01 0.00	14.14 -0.93 0.00	11.29 -0.73 0.00	10.31 -0.58 -0.72	11.43 -0.70 -0.85	16.13 -0.97 -0.88	17.72 -0.94 0.00	18.73 -0.97 0.00	19.23 -1.00 0.00	22.92 -1.21 0.00	26.82 -1.52 0.00	26.88 -1.50 0.00	22.55 -1.19 0.00	22.10 -1.01 0.00	22.21 -0.93 0.00	25.10 -0.98 -1.71	24.94 -0.98 -1.83	25.80 -1.12 -1.87	24.82 -1.02 -0.93	24.18 -0.98 -1.22	26.27 -1.04 -0.50	20.46 -0.76 0.00	17.96 -0.68 -0.13
BLISS_WT_PWR 323608	17.76 -0.97 0.00	16.34 -1.34 0.00	13.95 -1.12 0.00	11.11 -0.91 0.00	9.40 -0.77 0.00	10.50 -0.78 0.00	15.33 -0.89 0.00	17.67 -0.99 0.00	18.89 -0.82 0.00	19.04 -1.18 0.00	22.61 -1.52 0.00	26.18 -2.16 0.00	26.23 -2.14 0.00	21.95 -1.79 0.00	21.56 -1.56 0.00	22.05 -1.09 0.00	23.18 -1.20 0.00	23.22 -0.87 0.00	24.09 -0.95 0.00	24.18 -0.73 0.00	23.49 -0.44 0.00	26.59 -0.21 0.00	21.22 -0.01 0.00	18.77 0.27 0.00
BLUESTONE___WT_PWR 323821	18.25 -0.48 0.00	17.32 -0.37 0.00	14.78 -0.29 0.00	11.75 -0.27 0.00	9.93 -0.23 0.00	11.00 -0.28 0.00	15.88 -0.33 0.00	18.33 -0.34 0.00	19.46 -0.25 0.00	19.91 -0.32 0.00	23.80 -0.33 0.00	27.86 -0.47 0.00	27.78 -0.59 0.00	23.30 -0.44 0.00	22.80 -0.32 0.00	23.03 -0.12 0.00	24.30 -0.07 0.00	24.08 -0.01 0.00	25.09 0.04 0.00	24.99 0.08 0.00	23.94 0.01 0.00	26.88 0.07 0.00	21.49 0.26 0.00	19.18 0.68 0.00
BLUE_CIRC_CHEM_DRP 24182	19.07 0.34 0.00	18.06 0.37 0.00	15.44 0.37 0.00	12.32 0.30 0.00	10.42 0.25 0.00	11.57 0.29 0.00	16.60 0.38 0.00	19.05 0.38 0.00	20.09 0.38 0.00	20.63 0.41 0.00	24.53 0.40 0.00	28.77 0.44 0.00	28.82 0.44 0.00	24.17 0.42 0.00	23.60 0.49 0.00	23.65 0.51 0.00	24.93 0.55 0.00	24.74 0.65 0.00	25.66 0.61 0.00	25.50 0.59 0.00	24.43 0.49 0.00	27.27 0.47 0.00	21.48 0.25 0.00	18.66 0.16 0.00
BOC_GAS_DRP 24189	19.03 0.30 0.00	18.03 0.34 0.00	15.39 0.32 0.00	12.28 0.26 0.00	10.38 0.22 0.00	11.53 0.25 0.00	16.54 0.32 0.00	19.00 0.33 0.00	20.03 0.33 0.00	20.57 0.34 0.00	24.48 0.35 0.00	28.72 0.39 0.00	28.75 0.38 0.00	24.12 0.38 0.00	23.56 0.44 0.00	23.60 0.46 0.00	24.87 0.49 0.00	24.68 0.59 0.00	25.61 0.56 0.00	25.45 0.54 0.00	24.40 0.46 0.00	27.25 0.44 0.00	21.47 0.24 0.00	18.65 0.14 0.00
BOONVILLE_115KV_TB1 79983	18.59 -0.14 0.00	17.54 -0.14 0.00	14.92 -0.15 0.00	11.91 -0.11 0.00	10.52 -0.06 -0.41	11.66 -0.10 -0.48	16.57 -0.14 -0.49	18.58 -0.08 0.00	19.64 -0.07 0.00	20.16 -0.06 0.00	24.06 -0.08 0.00	28.23 -0.10 0.00	28.29 -0.08 0.00	23.69 -0.04 0.00	23.14 0.02 0.00	23.19 0.05 0.00	25.40 0.07 -0.96	25.19 0.07 -1.03	26.13 0.04 -1.05	25.50 0.07 -0.53	24.66 0.04 -0.69	27.15 0.06 -0.28	21.27 0.04 0.00	18.58 0.00 -0.07
BORALEX_4TH_BRANCH 23824	19.43 0.70 0.00	18.44 0.75 0.00	15.70 0.62 0.00	12.53 0.51 0.00	10.59 0.42 0.00	11.79 0.51 0.00	16.94 0.72 0.00	19.48 0.82 0.00	20.50 0.80 0.00	21.02 0.79 0.00	25.00 0.87 0.00	29.30 0.97 0.00	29.31 0.94 0.00	24.64 0.90 0.00	24.07 0.96 0.00	24.05 0.91 0.00	25.28 0.90 0.00	25.20 1.11 0.00	26.13 1.09 0.00	26.00 1.09 0.00	24.82 0.88 0.00	27.64 0.84 0.00	21.69 0.47 0.00	18.76 0.25 0.00
BOWLINE___1 23526	19.63 0.90 0.00	18.53 0.84 0.00	15.77 0.70 0.00	12.59 0.56 0.00	10.66 0.49 0.00	11.83 0.55 0.00	17.02 0.79 0.00	19.58 0.91 0.00	20.65 0.95 0.00	21.18 0.95 0.00	25.22 1.09 0.00	29.58 1.24 0.00	29.59 1.21 0.00	24.85 1.11 0.00	24.34 1.22 0.00	24.42 1.28 0.00	25.76 1.39 0.00	25.60 1.51 0.00	26.59 1.54 0.00	26.43 1.52 0.00	25.35 1.42 0.00	28.27 1.47 0.00	22.20 0.97 0.00	19.19 0.69 0.00
BOWLINE___2 23595	19.63 0.90 0.00	18.53 0.84 0.00	15.77 0.70 0.00	12.59 0.56 0.00	10.66 0.49 0.00	11.83 0.55 0.00	17.02 0.79 0.00	19.58 0.91 0.00	20.65 0.95 0.00	21.18 0.95 0.00	25.22 1.09 0.00	29.58 1.24 0.00	29.59 1.21 0.00	24.85 1.11 0.00	24.34 1.22 0.00	24.42 1.28 0.00	25.76 1.39 0.00	25.60 1.51 0.00	26.59 1.54 0.00	26.43 1.52 0.00	25.35 1.42 0.00	28.27 1.47 0.00	22.20 0.97 0.00	19.19 0.69 0.00
BRADY___115KV_TB2 356060	19.00 0.27 0.00	17.90 0.21 0.00	15.21 0.14 0.00	12.12 0.09 0.00	11.46 0.07 -1.23	12.73 0.01 -1.43	17.72 0.02 -1.48	18.79 0.13 0.00	19.91 0.20 0.00	20.49 0.26 0.00	24.52 0.39 0.00	28.83 0.49 0.00	28.87 0.49 0.00	24.12 0.38 0.00	23.39 0.28 0.00	23.11 -0.02 0.00	27.41 0.14 -2.89	27.13 -0.06 -3.10	28.32 0.10 -3.17	26.58 0.10 -1.58	26.17 0.16 -2.07	27.93 0.27 -0.85	21.57 0.34 0.00	19.14 0.41 -0.23
BRANSCOMB___SOLAR 323811	19.49 0.76 0.00	18.44 0.75 0.00	15.69 0.61 0.00	12.52 0.50 0.00	10.56 0.39 0.00	11.75 0.47 0.00	16.90 0.68 0.00	19.45 0.79 0.00	20.51 0.80 0.00	21.03 0.80 0.00	25.04 0.90 0.00	29.36 1.02 0.00	29.38 1.00 0.00	24.66 0.92 0.00	24.09 0.98 0.00	24.17 1.03 0.00	25.48 1.10 0.00	25.36 1.27 0.00	26.27 1.23 0.00	26.05 1.15 0.00	24.92 0.98 0.00	27.86 1.05 0.00	21.92 0.70 0.00	19.01 0.50 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	20.28 1.54 0.00	19.14 1.45 0.00	16.26 1.18 0.00	12.97 0.95 0.00	10.97 0.81 0.00	12.18 0.90 0.00	17.58 1.36 0.00	20.19 1.52 0.00	21.38 1.67 0.00	21.99 1.77 -10.73	36.92 2.05 0.00	30.61 2.28 0.00	30.64 2.27 0.00	25.70 1.96 0.00	25.14 2.03 0.00	25.16 2.02 0.00	26.67 2.29 0.00	26.38 2.29 0.00	27.51 2.46 0.00	27.43 2.52 0.00	26.23 2.29 0.00	29.16 2.36 0.00	24.02 1.78 -1.02	19.89 1.39 0.00

BRISTLHL_115KV_TB1 79998	18.25 -0.48 0.00	17.21 -0.47 0.00	14.67 -0.40 0.00	11.70 -0.32 0.00	9.90 -0.27 0.00	10.98 -0.29 0.00	15.83 -0.38 0.00	18.20 -0.46 0.00	19.21 -0.49 0.00	19.71 -0.52 0.00	23.52 -0.62 0.00	27.64 -0.70 0.00	27.66 -0.71 0.00	23.10 -0.64 0.00	22.48 -0.64 0.00	22.57 -0.57 0.00	23.80 -0.58 0.00	23.54 -0.55 0.00	24.39 -0.66 0.00	24.27 -0.63 0.00	23.32 -0.61 0.00	26.10 -0.70 0.00	20.73 -0.49 0.00	18.11 -0.39 0.00
BROOKHAVEN___DRP 24191	20.22 1.49 0.00	19.06 1.38 0.00	16.20 1.13 0.00	12.92 0.90 0.00	10.93 0.76 0.00	12.14 0.86 0.00	17.52 1.30 0.00	20.13 1.47 0.00	21.33 1.62 0.00	21.92 1.69 0.00	36.72 1.86 -10.73	30.26 1.93 0.00	30.30 1.93 0.00	25.39 1.65 0.00	24.84 1.73 0.00	24.88 1.74 0.00	26.59 2.21 0.00	26.22 2.13 0.00	27.33 2.28 0.00	27.34 2.43 0.00	25.98 2.05 0.00	28.87 2.07 0.00	23.87 1.63 -1.02	19.83 1.33 0.00
BROOKLYN_NAVY_YARD 23515	19.80 1.08 0.00	18.70 1.01 0.00	15.91 0.84 0.00	12.70 0.68 0.00	10.75 0.58 0.00	11.93 0.66 0.00	17.16 0.94 0.00	19.74 1.08 0.00	20.82 1.11 0.00	21.36 1.13 0.00	25.42 1.29 0.00	29.83 1.50 0.00	29.87 1.50 0.00	25.09 1.35 0.00	24.60 1.48 0.00	24.69 1.55 0.00	26.05 1.67 0.00	25.88 1.79 0.00	26.87 1.82 0.00	26.69 1.78 0.00	25.62 1.69 0.00	28.54 1.73 0.00	22.38 1.16 0.00	19.37 0.87 0.00
BROOKLYN___ARMY_DRP 323595	19.92 1.19 0.00	18.80 1.11 0.00	16.00 0.93 0.00	12.77 0.75 0.00	10.81 0.64 0.00	12.00 0.72 0.00	17.25 1.03 0.00	19.85 1.18 0.00	20.94 1.24 0.00	21.49 1.27 0.00	25.62 1.48 0.00	30.02 1.69 0.00	30.06 1.69 0.00	25.25 1.51 0.00	24.74 1.63 0.00	24.84 1.69 0.00	26.21 1.84 0.00	26.05 1.96 0.00	27.07 2.02 0.00	26.88 1.98 0.00	25.80 1.87 0.00	28.74 1.93 0.00	22.55 1.32 0.00	19.48 0.98 0.00
BROOKVLE_69_KV_TB1 55790	20.14 1.41 0.00	19.01 1.32 0.00	16.15 1.08 0.00	12.88 0.86 0.00	10.90 0.74 0.00	12.10 0.83 0.00	17.45 1.24 0.00	20.06 1.40 0.00	21.21 1.51 0.00	21.82 1.59 0.00	36.76 1.89 -10.73	30.45 2.12 0.00	30.50 2.13 0.00	25.60 1.86 0.00	25.05 1.94 0.00	25.08 1.94 0.00	26.49 2.11 0.00	26.28 2.19 0.00	27.31 2.27 0.00	27.17 2.27 0.00	26.09 2.15 0.00	29.02 2.21 0.00	23.85 1.61 -1.02	19.71 1.21 0.00
BROOME_2_LFGE 323671	18.60 -0.13 0.00	17.54 -0.14 0.00	14.93 -0.14 0.00	11.91 -0.11 0.00	10.08 -0.09 0.00	11.18 -0.09 0.00	16.14 -0.08 0.00	18.59 -0.07 0.00	19.65 -0.06 0.00	20.14 -0.09 0.00	23.98 -0.15 0.00	28.16 -0.18 0.00	28.13 -0.25 0.00	23.53 -0.21 0.00	22.98 -0.14 0.00	23.09 -0.05 0.00	24.33 -0.04 0.00	24.11 0.02 0.00	25.07 0.02 0.00	24.97 0.06 0.00	24.01 0.08 0.00	26.91 0.11 0.00	21.23 0.00 0.00	18.53 0.03 0.00
BROOME___LFGE 323600	18.60 -0.13 0.00	17.54 -0.14 0.00	14.93 -0.14 0.00	11.91 -0.11 0.00	10.08 -0.09 0.00	11.18 -0.09 0.00	16.14 -0.08 0.00	18.59 -0.07 0.00	19.65 -0.06 0.00	20.14 -0.09 0.00	23.98 -0.15 0.00	28.16 -0.18 0.00	28.13 -0.25 0.00	23.53 -0.21 0.00	22.98 -0.14 0.00	23.09 -0.05 0.00	24.33 -0.04 0.00	24.11 0.02 0.00	25.07 0.02 0.00	24.97 0.06 0.00	24.01 0.08 0.00	26.91 0.11 0.00	21.23 0.00 0.00	18.53 0.03 0.00
BROWNFLS_115KV_TB_3_5 80003	18.06 -0.67 0.00	17.02 -0.67 0.00	14.45 -0.62 0.00	11.52 -0.50 0.00	11.61 -0.40 -1.85	12.88 -0.56 -2.16	17.61 -0.85 -2.24	17.84 -0.82 0.00	18.88 -0.82 0.00	19.41 -0.81 0.00	23.23 -0.91 0.00	27.32 -1.02 0.00	27.40 -0.98 0.00	22.92 -0.82 0.00	22.32 -0.79 0.00	22.22 -0.92 0.00	27.74 -0.99 -4.35	27.66 -1.11 -4.68	28.74 -1.09 -4.78	26.25 -1.04 -2.38	26.08 -0.97 -3.12	27.10 -0.99 -1.28	20.60 -0.62 0.00	18.40 -0.45 -0.34
BROWNSV1_27_KV_LOAD 356125	19.99 1.26 0.00	18.86 1.17 0.00	16.05 0.98 0.00	12.81 0.79 0.00	10.83 0.66 0.00	12.03 0.75 0.00	17.29 1.08 0.00	19.90 1.24 0.00	21.00 1.30 0.00	21.57 1.35 0.00	25.70 1.57 0.00	30.15 1.82 0.00	30.19 1.82 0.00	25.34 1.60 0.00	24.84 1.73 0.00	24.93 1.79 0.00	26.32 1.94 0.00	26.15 2.05 0.00	27.16 2.11 0.00	26.99 2.08 0.00	25.88 1.95 0.00	28.83 2.03 0.00	22.62 1.40 0.00	19.56 1.05 0.00
BURROWS___LYONSDAL 23803	18.35 -0.38 0.00	17.31 -0.37 0.00	14.72 -0.35 0.00	11.75 -0.27 0.00	10.51 -0.18 -0.53	11.65 -0.24 -0.62	16.49 -0.37 -0.64	18.35 -0.32 0.00	19.38 -0.33 0.00	19.89 -0.33 0.00	23.74 -0.39 0.00	27.85 -0.48 0.00	27.93 -0.45 0.00	23.40 -0.34 0.00	22.87 -0.24 0.00	22.90 -0.23 0.00	25.37 -0.25 -1.25	25.18 -0.25 -1.34	26.12 -0.30 -1.37	25.34 -0.25 -0.68	24.57 -0.26 -0.90	26.93 -0.25 -0.37	21.06 -0.17 0.00	18.43 -0.17 -0.10
CAITHNESS_CC_1 323624	20.18 1.45 0.00	19.03 1.34 0.00	16.17 1.10 0.00	12.90 0.88 0.00	10.91 0.75 0.00	12.12 0.84 0.00	17.48 1.27 0.00	20.09 1.42 0.00	21.28 1.57 0.00	21.88 1.65 0.00	36.68 1.82 -10.73	30.27 1.93 0.00	30.30 1.93 0.00	25.40 1.66 0.00	24.84 1.73 0.00	24.88 1.73 0.00	26.54 2.16 0.00	26.20 2.10 0.00	27.29 2.24 0.00	27.27 2.37 0.00	25.96 2.02 0.00	28.86 2.06 0.00	23.85 1.60 -1.02	19.78 1.28 0.00
CALPINE BETH_PAGE_GT4 24209	20.14 1.41 0.00	19.00 1.31 0.00	16.15 1.08 0.00	12.88 0.86 0.00	10.90 0.73 0.00	12.10 0.82 0.00	17.45 1.23 0.00	20.05 1.39 0.00	21.20 1.50 0.00	21.81 1.58 0.00	36.74 1.88 -10.73	30.44 2.10 0.00	30.49 2.11 0.00	25.57 1.83 0.00	25.03 1.91 0.00	24.96 1.82 0.00	26.42 2.05 0.00	26.20 2.11 0.00	27.25 2.20 0.00	27.12 2.21 0.00	25.97 2.04 0.00	28.89 2.09 0.00	23.76 1.52 -1.02	19.64 1.14 0.00
CALPINE_BETH_PAGE_GT_4 323586	20.14 1.41 0.00	19.00 1.32 0.00	16.15 1.08 0.00	12.88 0.86 0.00	10.90 0.73 0.00	12.10 0.82 0.00	17.44 1.23 0.00	20.05 1.39 0.00	21.21 1.50 0.00	21.80 1.58 0.00	36.74 1.87 -10.73	30.44 2.10 0.00	30.49 2.11 0.00	25.57 1.83 0.00	25.03 1.91 0.00	24.96 1.82 0.00	26.42 2.04 0.00	26.20 2.11 0.00	27.25 2.20 0.00	27.12 2.21 0.00	25.97 2.03 0.00	28.89 2.09 0.00	23.76 1.52 -1.02	19.64 1.14 0.00
CALPINE_BP_GT1 23823	20.14 1.41 0.00	19.00 1.32 0.00	16.15 1.08 0.00	12.88 0.86 0.00	10.90 0.73 0.00	12.10 0.82 0.00	17.44 1.23 0.00	20.05 1.39 0.00	21.21 1.50 0.00	21.80 1.58 0.00	36.74 1.87 -10.73	30.44 2.10 0.00	30.49 2.11 0.00	25.57 1.83 0.00	25.03 1.91 0.00	24.96 1.82 0.00	26.42 2.04 0.00	26.20 2.11 0.00	27.25 2.20 0.00	27.12 2.21 0.00	25.97 2.03 0.00	28.89 2.09 0.00	23.76 1.52 -1.02	19.64 1.14 0.00
CALSPAN___DRP 24200	17.75 -0.98 0.00	16.61 -1.08 0.00	14.14 -0.93 0.00	11.24 -0.78 0.00	9.50 -0.66 0.00	10.53 -0.75 0.00	15.44 -0.78 0.00	17.66 -1.00 0.00	18.84 -0.87 0.00	19.14 -1.08 0.00	22.72 -1.41 0.00	26.60 -1.73 0.00	26.69 -1.68 0.00	22.23 -1.51 0.00	21.67 -1.44 0.00	22.01 -1.13 0.00	23.05 -1.33 0.00	22.78 -1.32 0.00	23.61 -1.43 0.00	23.65 -1.25 0.00	22.94 -1.00 0.00	25.90 -0.91 0.00	20.63 -0.59 0.00	18.26 -0.24 0.00

CALVERTON___SOLAR 323806	20.28 1.55 0.00	19.12 1.43 0.00	16.24 1.17 0.00	12.95 0.93 0.00	10.96 0.79 0.00	12.16 0.89 0.00	17.56 1.35 0.00	20.18 1.52 0.00	21.38 1.68 0.00	21.98 1.75 0.00	36.76 1.90 -10.73	30.30 1.96 0.00	30.34 1.96 0.00	25.42 1.68 0.00	24.87 1.75 0.00	24.91 1.77 0.00	26.67 2.29 0.00	26.28 2.19 0.00	27.39 2.35 0.00	27.42 2.51 0.00	26.02 2.09 0.00	28.91 2.11 0.00	23.92 1.68 -1.02	19.88 1.37 0.00
CANDIGU_WT_PWR 323617	17.51 -1.22 0.00	16.42 -1.27 0.00	13.97 -1.10 0.00	11.11 -0.91 0.00	9.40 -0.77 0.00	10.44 -0.84 0.00	15.22 -1.00 0.00	17.51 -1.16 0.00	18.60 -1.10 0.00	19.01 -1.21 0.00	22.61 -1.53 0.00	26.58 -1.75 0.00	26.56 -1.81 0.00	22.11 -1.62 0.00	21.60 -1.51 0.00	21.82 -1.32 0.00	22.96 -1.42 0.00	22.83 -1.27 0.00	23.83 -1.22 0.00	23.89 -1.01 0.00	23.21 -0.72 0.00	26.18 -0.62 0.00	20.69 -0.53 0.00	18.24 -0.26 0.00
CARR STREET_E_SYR 24060	18.43 -0.30 0.00	17.39 -0.30 0.00	14.82 -0.26 0.00	11.81 -0.21 0.00	9.99 -0.17 0.00	11.09 -0.19 0.00	16.00 -0.22 0.00	18.39 -0.27 0.00	19.42 -0.29 0.00	19.91 -0.31 0.00	23.76 -0.38 0.00	27.90 -0.43 0.00	27.93 -0.44 0.00	23.34 -0.40 0.00	22.71 -0.41 0.00	22.82 -0.32 0.00	24.05 -0.33 0.00	23.79 -0.30 0.00	24.67 -0.38 0.00	24.55 -0.36 0.00	23.59 -0.35 0.00	26.41 -0.39 0.00	20.96 -0.27 0.00	18.31 -0.19 0.00
CARTHAGE___PAPER 23857	17.92 -0.81 0.00	16.88 -0.81 0.00	14.32 -0.75 0.00	11.43 -0.60 0.00	10.55 -0.45 -0.84	11.69 -0.57 -0.99	16.42 -0.82 -1.02	17.90 -0.77 0.00	18.92 -0.78 0.00	19.42 -0.80 0.00	23.18 -0.96 0.00	27.14 -1.19 0.00	27.21 -1.17 0.00	22.81 -0.93 0.00	22.35 -0.77 0.00	22.40 -0.74 0.00	25.58 -0.78 -1.99	25.42 -0.81 -2.14	26.34 -0.89 -2.18	25.19 -0.81 -1.09	24.58 -0.78 -1.43	26.59 -0.80 -0.59	20.68 -0.55 0.00	18.17 -0.49 -0.16
CASSADAGA_WT_PWR 323784	17.44 -1.29 0.00	16.29 -1.40 0.00	13.98 -1.10 0.00	11.12 -0.90 0.00	9.37 -0.80 0.00	10.41 -0.87 0.00	15.40 -0.82 0.00	17.42 -1.24 0.00	18.68 -1.03 0.00	18.87 -1.36 0.00	22.33 -1.80 0.00	26.18 -2.16 0.00	26.24 -2.13 0.00	21.92 -1.82 0.00	21.53 -1.58 0.00	21.72 -1.42 0.00	22.71 -1.67 0.00	22.66 -1.43 0.00	23.91 -1.14 0.00	24.21 -0.70 0.00	23.61 -0.33 0.00	26.70 -0.10 0.00	21.18 -0.05 0.00	18.70 0.20 0.00
CE_DUNWOOD___DRP 24194	19.73 1.00 0.00	18.63 0.94 0.00	15.86 0.78 0.00	12.66 0.63 0.00	10.71 0.54 0.00	11.89 0.61 0.00	17.10 0.88 0.00	19.68 1.02 0.00	20.76 1.05 0.00	21.30 1.08 0.00	25.38 1.25 0.00	29.76 1.42 0.00	29.78 1.41 0.00	25.00 1.26 0.00	24.49 1.38 0.00	24.57 1.43 0.00	25.93 1.55 0.00	25.76 1.67 0.00	26.76 1.71 0.00	26.58 1.71 0.00	25.50 1.56 0.00	28.42 1.61 0.00	22.31 1.09 0.00	19.29 0.79 0.00
CE_MILLWOOD___DRP 24193	19.70 0.97 0.00	18.60 0.91 0.00	15.83 0.76 0.00	12.63 0.61 0.00	10.69 0.52 0.00	11.87 0.59 0.00	17.07 0.85 0.00	19.64 0.98 0.00	20.72 1.01 0.00	21.26 1.04 0.00	25.33 1.19 0.00	29.69 1.36 0.00	29.71 1.34 0.00	24.95 1.21 0.00	24.44 1.33 0.00	24.52 1.38 0.00	25.88 1.50 0.00	25.71 1.62 0.00	26.70 1.65 0.00	26.53 1.62 0.00	25.44 1.51 0.00	28.36 1.55 0.00	22.27 1.04 0.00	19.26 0.75 0.00
CE_NYC2_DRP 24202	19.89 1.16 0.00	18.77 1.08 0.00	15.98 0.91 0.00	12.76 0.74 0.00	10.79 0.63 0.00	11.98 0.71 0.00	17.23 1.01 0.00	19.82 1.16 0.00	20.91 1.20 0.00	21.46 1.23 0.00	25.57 1.44 0.00	29.98 1.64 0.00	30.02 1.65 0.00	25.21 1.47 0.00	24.70 1.59 0.00	24.80 1.66 0.00	26.17 1.79 0.00	26.00 1.91 0.00	27.00 1.96 0.00	26.82 1.92 0.00	25.73 1.80 0.00	28.66 1.86 0.00	22.50 1.28 0.00	19.45 0.95 0.00
CE_NYC_DRP 24195	19.83 1.10 0.00	18.72 1.03 0.00	15.94 0.86 0.00	12.72 0.70 0.00	10.76 0.59 0.00	11.94 0.67 0.00	17.18 0.96 0.00	19.76 1.10 0.00	20.84 1.13 0.00	21.39 1.16 0.00	25.48 1.35 0.00	29.89 1.55 0.00	29.93 1.55 0.00	25.12 1.38 0.00	24.63 1.51 0.00	24.72 1.58 0.00	26.08 1.71 0.00	25.90 1.81 0.00	26.91 1.87 0.00	26.74 1.83 0.00	25.66 1.72 0.00	28.58 1.77 0.00	22.43 1.21 0.00	19.40 0.90 0.00
CHAFFEE___LFGE 323603	17.80 -0.93 0.00	16.66 -1.03 0.00	14.18 -0.89 0.00	11.28 -0.75 0.00	9.54 -0.63 0.00	10.56 -0.71 0.00	15.47 -0.75 0.00	17.72 -0.95 0.00	18.89 -0.81 0.00	19.22 -1.01 0.00	22.82 -1.32 0.00	26.72 -1.61 0.00	26.79 -1.58 0.00	22.33 -1.41 0.00	21.76 -1.35 0.00	22.10 -1.04 0.00	23.16 -1.22 0.00	22.87 -1.22 0.00	23.70 -1.34 0.00	23.72 -1.18 0.00	23.00 -0.94 0.00	25.95 -0.86 0.00	20.63 -0.59 0.00	18.26 -0.24 0.00
CHATEAUG_35_KV_LOAD 355732	18.71 -0.02 0.00	17.70 0.02 0.00	14.83 -0.24 0.00	11.77 -0.25 0.00	-8.87 -0.33 18.71	-11.05 -0.45 21.88	-7.06 -0.64 22.64	18.25 -0.42 0.00	19.42 -0.28 0.00	20.08 -0.14 0.00	24.35 0.22 0.00	28.68 0.34 0.00	28.88 0.51 0.00	24.11 0.37 0.00	23.02 -0.09 0.00	22.84 -0.30 0.00	-20.52 -0.79 44.12	-24.19 -0.92 47.36	-24.28 -0.90 48.43	-0.11 -0.90 24.12	-8.48 -0.81 31.61	13.08 -0.73 13.00	20.82 -0.40 0.00	14.68 -0.36 3.46
CHATEAUG_WT_PWR 323614	18.62 -0.11 0.00	17.66 -0.03 0.00	14.78 -0.29 0.00	11.71 -0.31 0.00	-7.62 -0.39 17.40	-9.60 -0.52 20.35	-5.61 -0.78 21.05	18.12 -0.55 0.00	19.29 -0.42 0.00	19.93 -0.29 0.00	24.20 0.06 0.00	28.50 0.16 0.00	28.74 0.37 0.00	24.01 0.27 0.00	22.95 -0.17 0.00	22.73 -0.41 0.00	-17.62 -0.97 41.03	-21.05 -1.10 44.04	-21.05 -1.07 45.03	1.45 -1.03 22.43	-6.39 -0.93 29.39	13.85 -0.86 12.09	20.73 -0.50 0.00	14.82 -0.46 3.22
CHAT_HIGH_FALL_HYD 323578	18.71 -0.02 0.00	17.70 0.02 0.00	14.83 -0.24 0.00	11.77 -0.25 0.00	-8.87 -0.33 18.71	-11.05 -0.45 21.88	-7.06 -0.64 22.64	18.25 -0.42 0.00	19.42 -0.28 0.00	20.08 -0.14 0.00	24.35 0.21 0.00	28.68 0.34 0.00	28.88 0.51 0.00	24.11 0.36 0.00	23.02 -0.09 0.00	22.84 -0.30 0.00	-20.53 -0.79 44.12	-24.19 -0.93 47.36	-24.28 -0.90 48.43	-0.11 -0.90 24.12	-8.48 -0.81 31.61	13.08 -0.73 13.00	20.82 -0.40 0.00	14.68 -0.36 3.46
CHAUTAUQUA___LFGE 323629	17.64 -1.10 0.00	16.50 -1.19 0.00	14.06 -1.01 0.00	11.18 -0.84 0.00	9.46 -0.71 0.00	10.48 -0.79 0.00	15.40 -0.82 0.00	17.59 -1.07 0.00	18.78 -0.92 0.00	19.04 -1.18 0.00	22.59 -1.55 0.00	26.46 -1.87 0.00	26.52 -1.85 0.00	22.12 -1.62 0.00	21.66 -1.46 0.00	21.93 -1.21 0.00	22.96 -1.42 0.00	22.76 -1.33 0.00	23.81 -1.24 0.00	23.95 -0.95 0.00	23.26 -0.68 0.00	26.28 -0.53 0.00	20.82 -0.40 0.00	18.38 -0.12 0.00
CHERRYST_13_KV_LD 356241	19.87 1.14 0.00	18.76 1.07 0.00	15.97 0.90 0.00	12.75 0.73 0.00	10.78 0.62 0.00	11.97 0.69 0.00	17.21 0.99 0.00	19.80 1.14 0.00	20.89 1.18 0.00	21.44 1.22 0.00	25.55 1.41 0.00	29.96 1.63 0.00	30.00 1.63 0.00	25.19 1.45 0.00	24.70 1.58 0.00	24.78 1.64 0.00	26.16 1.78 0.00	25.98 1.89 0.00	26.99 1.94 0.00	26.81 1.90 0.00	25.73 1.79 0.00	28.65 1.85 0.00	22.48 1.26 0.00	19.45 0.95 0.00

CHESTROR_138KV_BK263 355645	19.52 0.79 0.00	18.43 0.74 0.00	15.69 0.62 0.00	12.52 0.50 0.00	10.60 0.43 0.00	11.77 0.49 0.00	16.92 0.70 0.00	19.48 0.81 0.00	20.54 0.84 0.00	21.07 0.84 0.00	25.10 0.97 0.00	29.44 1.10 0.00	29.45 1.08 0.00	24.73 0.99 0.00	24.21 1.09 0.00	24.29 1.15 0.00	25.62 1.25 0.00	25.45 1.36 0.00	26.42 1.38 0.00	26.26 1.35 0.00	25.19 1.26 0.00	28.10 1.29 0.00	22.08 0.85 0.00	19.10 0.60 0.00
CH_MIDHUDSON___DRP 24192	19.68 0.95 0.00	18.60 0.91 0.00	15.83 0.76 0.00	12.63 0.61 0.00	10.69 0.52 0.00	11.87 0.60 0.00	17.07 0.85 0.00	19.65 0.98 0.00	20.72 1.02 0.00	21.26 1.04 0.00	25.32 1.19 0.00	29.71 1.37 0.00	29.71 1.34 0.00	24.97 1.22 0.00	24.44 1.33 0.00	24.52 1.38 0.00	25.87 1.49 0.00	25.71 1.62 0.00	26.69 1.64 0.00	26.50 1.59 0.00	25.41 1.47 0.00	28.31 1.50 0.00	22.24 1.01 0.00	19.23 0.72 0.00
CH_MISC_IPPS 23765	19.79 1.06 0.00	18.68 0.99 0.00	15.90 0.83 0.00	12.69 0.67 0.00	10.74 0.57 0.00	11.93 0.65 0.00	17.15 0.93 0.00	19.75 1.09 0.00	20.84 1.14 0.00	21.39 1.16 0.00	25.48 1.35 0.00	29.89 1.56 0.00	29.91 1.54 0.00	25.12 1.38 0.00	24.60 1.48 0.00	24.68 1.54 0.00	26.05 1.67 0.00	25.88 1.79 0.00	26.86 1.82 0.00	26.68 1.77 0.00	25.58 1.64 0.00	28.50 1.69 0.00	22.38 1.16 0.00	19.35 0.84 0.00
CH_RES_BVR_FALLS 23983	18.27 -0.46 0.00	17.25 -0.44 0.00	14.68 -0.39 0.00	11.71 -0.31 0.00	9.91 -0.26 0.00	11.00 -0.28 0.00	15.78 -0.44 0.00	18.19 -0.47 0.00	19.22 -0.48 0.00	19.76 -0.47 0.00	23.61 -0.52 0.00	27.74 -0.59 0.00	27.84 -0.54 0.00	23.29 -0.45 0.00	22.60 -0.52 0.00	22.51 -0.63 0.00	23.72 -0.66 0.00	23.44 -0.65 0.00	24.43 -0.61 0.00	24.29 -0.62 0.00	23.47 -0.47 0.00	26.38 -0.43 0.00	20.95 -0.27 0.00	18.27 -0.23 0.00
CH_RES_NIAGARA 23895	17.20 -1.53 0.00	16.09 -1.60 0.00	13.71 -1.37 0.00	10.90 -1.13 0.00	9.21 -0.96 0.00	10.20 -1.08 0.00	14.96 -1.27 0.00	17.05 -1.62 0.00	18.19 -1.52 0.00	18.49 -1.74 0.00	21.93 -2.20 0.00	25.64 -2.69 0.00	25.79 -2.58 0.00	21.47 -2.27 0.00	20.90 -2.22 0.00	21.24 -1.90 0.00	22.21 -2.17 0.00	21.87 -2.23 0.00	22.60 -2.44 0.00	22.60 -2.31 0.00	21.94 -2.00 0.00	24.79 -2.01 0.00	19.81 -1.42 0.00	17.60 -0.90 0.00
CH_RES_SYRACUSE 23985	18.66 -0.07 0.00	17.59 -0.10 0.00	14.97 -0.10 0.00	11.94 -0.08 0.00	10.11 -0.05 0.00	11.22 -0.06 0.00	16.20 -0.02 0.00	18.63 -0.03 0.00	19.71 0.00 0.00	20.19 -0.03 0.00	24.12 -0.01 0.00	28.30 -0.04 0.00	28.36 -0.01 0.00	23.70 -0.04 0.00	23.07 -0.05 0.00	23.19 0.04 0.00	24.47 0.09 0.00	24.17 0.07 0.00	25.09 0.04 0.00	24.98 0.07 0.00	23.97 0.04 0.00	26.86 0.05 0.00	21.29 0.06 0.00	18.60 0.10 0.00
CLINTON_WT_PWR 323605	18.62 -0.11 0.00	17.66 -0.03 0.00	14.78 -0.29 0.00	11.71 -0.31 0.00	-7.62 -0.39 17.40	-9.60 -0.52 20.35	-5.61 -0.78 21.05	18.12 -0.55 0.00	19.29 -0.42 0.00	19.93 -0.29 0.00	24.20 0.06 0.00	28.50 0.16 0.00	28.74 0.37 0.00	24.01 0.27 0.00	22.95 -0.17 0.00	22.73 -0.41 0.00	-17.62 -0.97 41.03	-21.05 -1.10 44.04	-21.05 -1.07 45.03	1.45 -1.03 22.43	-6.39 -0.93 29.39	13.85 -0.86 12.09	20.73 -0.50 0.00	14.82 -0.46 3.22
CLINTON___LFGE 323618	18.84 0.10 0.00	17.86 0.18 0.00	14.96 -0.11 0.00	11.86 -0.16 0.00	-7.83 -0.25 17.75	-9.84 -0.36 20.75	-5.81 -0.56 21.47	18.35 -0.31 0.00	19.48 -0.22 0.00	20.13 -0.09 0.00	24.46 0.33 0.00	28.83 0.49 0.00	29.07 0.70 0.00	24.28 0.54 0.00	23.20 0.08 0.00	23.16 0.02 0.00	-18.12 -0.66 41.84	-21.58 -0.76 44.91	-21.55 -0.68 45.92	1.36 -0.68 22.87	-6.65 -0.61 29.97	13.97 -0.51 12.33	20.94 -0.28 0.00	14.89 -0.33 3.28
COBBLENY_34_KV_TB1 80064	17.80 -0.93 0.00	16.66 -1.03 0.00	14.18 -0.89 0.00	11.28 -0.75 0.00	9.54 -0.63 0.00	10.56 -0.72 0.00	15.47 -0.75 0.00	17.71 -0.95 0.00	18.89 -0.81 0.00	19.22 -1.01 0.00	22.82 -1.32 0.00	26.72 -1.61 0.00	26.79 -1.58 0.00	22.33 -1.41 0.00	21.76 -1.35 0.00	22.10 -1.04 0.00	23.16 -1.22 0.00	22.87 -1.22 0.00	23.70 -1.35 0.00	23.72 -1.18 0.00	22.99 -0.95 0.00	25.95 -0.86 0.00	20.64 -0.59 0.00	18.26 -0.24 0.00
COFFEEN___115KV_TB3 355620	17.82 -0.91 0.00	16.78 -0.91 0.00	14.22 -0.85 0.00	11.36 -0.67 0.00	10.34 -0.52 -0.70	11.47 -0.63 -0.82	16.21 -0.87 -0.85	17.86 -0.80 0.00	18.89 -0.82 0.00	19.38 -0.84 0.00	23.10 -1.04 0.00	26.99 -1.34 0.00	27.04 -1.33 0.00	22.69 -1.05 0.00	22.24 -0.87 0.00	22.38 -0.76 0.00	25.26 -0.77 -1.65	25.10 -0.76 -1.78	25.97 -0.89 -1.82	25.01 -0.81 -0.90	24.34 -0.78 -1.19	26.45 -0.84 -0.49	20.60 -0.63 0.00	18.06 -0.57 -0.13
COLDSPRG_115KV_BK1 355956	18.37 -0.36 0.00	17.19 -0.50 0.00	14.67 -0.41 0.00	11.67 -0.35 0.00	9.87 -0.30 0.00	10.95 -0.32 0.00	16.11 -0.10 0.00	18.41 -0.25 0.00	19.67 -0.04 0.00	19.97 -0.26 0.00	23.65 -0.48 0.00	27.71 -0.63 0.00	27.67 -0.70 0.00	23.05 -0.69 0.00	22.58 -0.53 0.00	22.82 -0.32 0.00	23.92 -0.46 0.00	23.80 -0.29 0.00	24.87 -0.17 0.00	25.00 0.09 0.00	24.27 0.33 0.00	27.39 0.58 0.00	21.68 0.46 0.00	19.09 0.58 0.00
COLONIE_LFGE___ 323577	19.25 0.52 0.00	18.23 0.54 0.00	15.53 0.46 0.00	12.40 0.38 0.00	10.48 0.31 0.00	11.65 0.37 0.00	16.73 0.51 0.00	19.23 0.57 0.00	20.26 0.56 0.00	20.79 0.57 0.00	24.76 0.62 0.00	29.03 0.69 0.00	29.06 0.68 0.00	24.39 0.65 0.00	23.82 0.70 0.00	23.86 0.72 0.00	25.14 0.76 0.00	25.01 0.92 0.00	25.91 0.87 0.00	25.74 0.84 0.00	24.63 0.70 0.00	27.49 0.68 0.00	21.63 0.40 0.00	18.75 0.25 0.00
COOPERNY_115KV_TB1 80082	19.31 0.58 0.00	18.23 0.55 0.00	15.53 0.46 0.00	12.39 0.37 0.00	10.49 0.33 0.00	11.65 0.37 0.00	16.74 0.52 0.00	19.26 0.60 0.00	20.32 0.62 0.00	20.84 0.62 0.00	24.84 0.70 0.00	29.13 0.80 0.00	29.14 0.77 0.00	24.45 0.72 0.00	23.91 0.80 0.00	23.99 0.85 0.00	25.30 0.92 0.00	25.09 0.99 0.00	26.06 1.02 0.00	25.91 1.00 0.00	24.87 0.93 0.00	27.76 0.95 0.00	21.85 0.63 0.00	18.95 0.45 0.00
COPENHAGEN_WT_PWR 323753	17.52 -1.22 0.00	16.51 -1.18 0.00	14.00 -1.08 0.00	11.17 -0.85 0.00	10.14 -0.69 -0.66	11.25 -0.81 -0.78	15.88 -1.14 -0.80	17.51 -1.16 0.00	18.51 -1.20 0.00	19.00 -1.23 0.00	22.66 -1.48 0.00	26.52 -1.81 0.00	26.60 -1.78 0.00	22.33 -1.41 0.00	21.89 -1.22 0.00	22.00 -1.14 0.00	24.69 -1.25 -1.57	24.53 -1.25 -1.68	25.37 -1.40 -1.72	24.47 -1.29 -0.85	23.83 -1.23 -1.12	25.97 -1.30 -0.46	20.29 -0.94 0.00	17.78 -0.85 -0.12
CORNELL_____ 23752	18.87 0.13 0.00	17.79 0.10 0.00	15.14 0.06 0.00	12.07 0.04 0.00	10.22 0.05 0.00	11.34 0.06 0.00	16.37 0.15 0.00	18.87 0.21 0.00	19.97 0.26 0.00	20.46 0.23 0.00	24.42 0.28 0.00	28.65 0.31 0.00	28.66 0.29 0.00	23.96 0.22 0.00	23.37 0.25 0.00	23.51 0.37 0.00	24.82 0.44 0.00	24.55 0.46 0.00	25.51 0.47 0.00	25.40 0.50 0.00	24.39 0.46 0.00	27.31 0.50 0.00	21.58 0.35 0.00	18.84 0.33 0.00

CORONA V_69_KV_TB1 355595	20.08 1.35 0.00	18.94 1.25 0.00	16.10 1.03 0.00	12.85 0.82 0.00	10.87 0.70 0.00	12.07 0.79 0.00	17.39 1.17 0.00	19.99 1.33 0.00	21.13 1.43 0.00	21.72 1.50 0.00	36.66 1.80 -10.73	30.34 2.00 0.00	30.37 2.00 0.00	25.50 1.76 0.00	24.96 1.84 0.00	25.02 1.87 0.00	26.42 2.04 0.00	26.23 2.13 0.00	27.28 2.24 0.00	27.13 2.23 0.00	26.01 2.07 0.00	28.94 2.13 0.00	23.79 1.55 -1.02	19.65 1.15 0.00
CORTLAND_115KV_TB3 80093	18.75 0.02 0.00	17.69 0.00 0.00	15.06 -0.01 0.00	12.01 -0.01 0.00	10.17 0.00 0.00	11.28 0.00 0.00	16.27 0.05 0.00	18.74 0.08 0.00	19.80 0.10 0.00	20.31 0.09 0.00	24.22 0.09 0.00	28.43 0.10 0.00	28.45 0.08 0.00	23.79 0.05 0.00	23.20 0.08 0.00	23.31 0.17 0.00	24.59 0.21 0.00	24.34 0.25 0.00	25.26 0.22 0.00	25.16 0.25 0.00	24.17 0.23 0.00	27.04 0.24 0.00	21.38 0.15 0.00	18.65 0.14 0.00
COXSACKIE___GT 23611	19.74 1.02 0.00	18.67 0.99 0.00	15.96 0.89 0.00	12.74 0.72 0.00	10.77 0.60 0.00	11.97 0.70 0.00	17.20 0.98 0.00	19.78 1.12 0.00	20.96 1.26 0.00	21.59 1.37 0.00	25.68 1.55 0.00	30.08 1.75 0.00	30.18 1.81 0.00	25.29 1.54 0.00	24.70 1.58 0.00	24.78 1.64 0.00	26.21 1.83 0.00	26.05 1.96 0.00	26.95 1.90 0.00	26.74 1.83 0.00	25.53 1.59 0.00	28.40 1.60 0.00	22.28 1.06 0.00	19.32 0.82 0.00
CPV_VALLEY___CC1 323721	19.37 0.64 0.00	18.29 0.61 0.00	15.58 0.51 0.00	12.44 0.42 0.00	10.53 0.36 0.00	11.69 0.41 0.00	16.79 0.57 0.00	19.33 0.66 0.00	20.38 0.68 0.00	20.91 0.68 0.00	24.90 0.77 0.00	29.20 0.86 0.00	29.20 0.83 0.00	24.54 0.79 0.00	24.01 0.90 0.00	24.08 0.94 0.00	25.39 1.01 0.00	25.21 1.12 0.00	26.19 1.14 0.00	26.02 1.11 0.00	24.97 1.03 0.00	27.86 1.05 0.00	21.92 0.69 0.00	18.97 0.47 0.00
CPV_VALLEY___CC2 323722	19.37 0.64 0.00	18.29 0.61 0.00	15.58 0.51 0.00	12.44 0.42 0.00	10.53 0.36 0.00	11.69 0.41 0.00	16.79 0.57 0.00	19.33 0.66 0.00	20.38 0.68 0.00	20.91 0.68 0.00	24.90 0.77 0.00	29.20 0.86 0.00	29.20 0.83 0.00	24.54 0.79 0.00	24.01 0.90 0.00	24.08 0.94 0.00	25.39 1.01 0.00	25.21 1.12 0.00	26.19 1.14 0.00	26.02 1.11 0.00	24.97 1.03 0.00	27.86 1.05 0.00	21.92 0.69 0.00	18.97 0.47 0.00
CRESCENT___HYD 24018	19.25 0.52 0.00	18.23 0.54 0.00	15.53 0.46 0.00	12.40 0.38 0.00	10.48 0.31 0.00	11.65 0.37 0.00	16.73 0.51 0.00	19.23 0.57 0.00	20.26 0.56 0.00	20.79 0.57 0.00	24.76 0.62 0.00	29.03 0.69 0.00	29.06 0.68 0.00	24.39 0.65 0.00	23.82 0.70 0.00	23.86 0.72 0.00	25.14 0.76 0.00	25.01 0.92 0.00	25.91 0.87 0.00	25.74 0.84 0.00	24.63 0.70 0.00	27.49 0.68 0.00	21.63 0.40 0.00	18.75 0.25 0.00
CRICKET___VALLEY_CC1 323756	19.51 0.78 0.00	18.44 0.75 0.00	15.70 0.63 0.00	12.53 0.51 0.00	10.60 0.43 0.00	11.78 0.50 0.00	16.94 0.72 0.00	19.50 0.83 0.00	20.54 0.83 0.00	21.06 0.83 0.00	25.06 0.93 0.00	29.39 1.05 0.00	29.40 1.02 0.00	24.72 0.98 0.00	24.20 1.08 0.00	24.28 1.14 0.00	25.58 1.20 0.00	25.47 1.38 0.00	26.41 1.36 0.00	26.19 1.28 0.00	25.10 1.16 0.00	27.96 1.16 0.00	21.98 0.75 0.00	18.99 0.48 0.00
CRICKET___VALLEY_CC2 323757	19.51 0.78 0.00	18.44 0.75 0.00	15.70 0.63 0.00	12.53 0.51 0.00	10.60 0.43 0.00	11.78 0.50 0.00	16.94 0.72 0.00	19.50 0.83 0.00	20.54 0.83 0.00	21.06 0.83 0.00	25.06 0.93 0.00	29.39 1.05 0.00	29.40 1.02 0.00	24.72 0.98 0.00	24.20 1.08 0.00	24.28 1.14 0.00	25.58 1.20 0.00	25.47 1.38 0.00	26.41 1.36 0.00	26.19 1.28 0.00	25.10 1.16 0.00	27.96 1.16 0.00	21.98 0.75 0.00	18.99 0.48 0.00
CRICKET___VALLEY_CC3 323758	19.51 0.78 0.00	18.44 0.75 0.00	15.70 0.63 0.00	12.53 0.51 0.00	10.60 0.43 0.00	11.78 0.50 0.00	16.94 0.72 0.00	19.50 0.83 0.00	20.54 0.83 0.00	21.06 0.83 0.00	25.06 0.93 0.00	29.39 1.05 0.00	29.40 1.02 0.00	24.72 0.98 0.00	24.20 1.08 0.00	24.28 1.14 0.00	25.58 1.20 0.00	25.47 1.38 0.00	26.41 1.36 0.00	26.19 1.28 0.00	25.10 1.16 0.00	27.96 1.16 0.00	21.98 0.75 0.00	18.99 0.48 0.00
CRUCIBLE_METL_DRP 24180	18.66 -0.07 0.00	17.59 -0.10 0.00	14.97 -0.10 0.00	11.94 -0.08 0.00	10.11 -0.05 0.00	11.22 -0.06 0.00	16.20 -0.02 0.00	18.63 -0.03 0.00	19.71 0.00 0.00	20.19 -0.03 0.00	24.12 -0.01 0.00	28.29 -0.04 0.00	28.36 -0.01 0.00	23.70 -0.04 0.00	23.07 -0.05 0.00	23.18 0.04 0.00	24.47 0.09 0.00	24.17 0.07 0.00	25.09 0.04 0.00	24.98 0.07 0.00	23.97 0.03 0.00	26.86 0.05 0.00	21.29 0.07 0.00	18.60 0.10 0.00
DAHOWA___HYDRO 323763	19.56 0.82 0.00	18.48 0.80 0.00	15.72 0.65 0.00	12.56 0.53 0.00	10.58 0.41 0.00	11.77 0.49 0.00	16.94 0.72 0.00	19.50 0.84 0.00	20.56 0.85 0.00	21.08 0.86 0.00	25.10 0.97 0.00	29.42 1.09 0.00	29.45 1.07 0.00	24.71 0.97 0.00	24.15 1.04 0.00	24.24 1.10 0.00	25.56 1.18 0.00	25.44 1.35 0.00	26.36 1.32 0.00	26.13 1.22 0.00	24.97 1.04 0.00	27.94 1.14 0.00	21.99 0.76 0.00	19.05 0.55 0.00
DANC___LFGE 323619	17.81 -0.92 0.00	16.79 -0.90 0.00	14.26 -0.81 0.00	11.38 -0.64 0.00	10.10 -0.52 -0.46	11.21 -0.60 -0.53	15.93 -0.85 -0.55	17.78 -0.89 0.00	18.78 -0.92 0.00	19.28 -0.95 0.00	23.00 -1.13 0.00	26.96 -1.38 0.00	27.01 -1.36 0.00	22.63 -1.12 0.00	22.12 -1.00 0.00	22.23 -0.91 0.00	24.46 -0.99 -1.08	24.27 -0.98 -1.16	25.10 -1.13 -1.18	24.44 -1.06 -0.59	23.69 -1.01 -0.77	26.03 -1.09 -0.32	20.43 -0.80 0.00	17.89 -0.69 -0.08
DANSKAMMER___1 23586	19.79 1.06 0.00	18.68 0.99 0.00	15.90 0.83 0.00	12.69 0.67 0.00	10.74 0.57 0.00	11.93 0.65 0.00	17.15 0.93 0.00	19.75 1.09 0.00	20.84 1.14 0.00	21.39 1.16 0.00	25.48 1.35 0.00	29.89 1.56 0.00	29.91 1.54 0.00	25.12 1.38 0.00	24.60 1.48 0.00	24.68 1.54 0.00	26.05 1.67 0.00	25.88 1.79 0.00	26.86 1.82 0.00	26.68 1.77 0.00	25.58 1.64 0.00	28.50 1.69 0.00	22.38 1.16 0.00	19.35 0.84 0.00
DANSKAMMER___2 23589	19.79 1.06 0.00	18.68 0.99 0.00	15.90 0.83 0.00	12.69 0.67 0.00	10.74 0.57 0.00	11.93 0.65 0.00	17.15 0.93 0.00	19.75 1.09 0.00	20.84 1.14 0.00	21.39 1.16 0.00	25.48 1.35 0.00	29.89 1.56 0.00	29.91 1.54 0.00	25.12 1.38 0.00	24.60 1.48 0.00	24.68 1.54 0.00	26.05 1.67 0.00	25.88 1.79 0.00	26.86 1.82 0.00	26.68 1.77 0.00	25.58 1.64 0.00	28.50 1.69 0.00	22.38 1.16 0.00	19.35 0.84 0.00
DANSKAMMER___3 23590	19.79 1.06 0.00	18.68 0.99 0.00	15.90 0.83 0.00	12.69 0.67 0.00	10.74 0.57 0.00	11.93 0.65 0.00	17.15 0.93 0.00	19.75 1.09 0.00	20.84 1.14 0.00	21.39 1.16 0.00	25.48 1.35 0.00	29.89 1.56 0.00	29.91 1.54 0.00	25.12 1.38 0.00	24.60 1.48 0.00	24.68 1.54 0.00	26.05 1.67 0.00	25.88 1.79 0.00	26.86 1.82 0.00	26.68 1.77 0.00	25.58 1.64 0.00	28.50 1.69 0.00	22.38 1.16 0.00	19.35 0.84 0.00

DANSKAMMER___4 23591	19.79 1.06 0.00	18.68 0.99 0.00	15.90 0.83 0.00	12.69 0.67 0.00	10.74 0.57 0.00	11.93 0.65 0.00	17.15 0.93 0.00	19.75 1.09 0.00	20.84 1.14 0.00	21.39 1.16 0.00	25.48 1.35 0.00	29.89 1.56 0.00	29.91 1.54 0.00	25.12 1.38 0.00	24.60 1.48 0.00	24.68 1.54 0.00	26.05 1.67 0.00	25.88 1.79 0.00	26.86 1.82 0.00	26.68 1.77 0.00	25.58 1.64 0.00	28.50 1.69 0.00	22.38 1.16 0.00	19.35 0.84 0.00
DANSKAMMER___DIESEL 23592	19.79 1.06 0.00	18.68 0.99 0.00	15.90 0.83 0.00	12.69 0.67 0.00	10.74 0.57 0.00	11.93 0.65 0.00	17.15 0.93 0.00	19.75 1.09 0.00	20.84 1.13 0.00	21.39 1.16 0.00	25.48 1.35 0.00	29.89 1.56 0.00	29.91 1.54 0.00	25.12 1.38 0.00	24.60 1.48 0.00	24.68 1.54 0.00	26.05 1.67 0.00	25.88 1.79 0.00	26.86 1.82 0.00	26.68 1.77 0.00	25.58 1.64 0.00	28.50 1.69 0.00	22.38 1.16 0.00	19.35 0.84 0.00
DARBY___SOLAR 323810	19.51 0.78 0.00	18.45 0.76 0.00	15.70 0.63 0.00	12.54 0.51 0.00	10.57 0.40 0.00	11.76 0.48 0.00	16.91 0.69 0.00	19.46 0.80 0.00	20.52 0.81 0.00	21.04 0.81 0.00	25.05 0.92 0.00	29.37 1.03 0.00	29.40 1.02 0.00	24.66 0.92 0.00	24.10 0.99 0.00	24.18 1.04 0.00	25.50 1.12 0.00	25.38 1.28 0.00	26.29 1.24 0.00	26.07 1.16 0.00	24.93 0.99 0.00	27.88 1.07 0.00	21.94 0.72 0.00	19.03 0.52 0.00
DASHVILLE___HYD 23610	19.57 0.84 0.00	18.49 0.80 0.00	15.74 0.67 0.00	12.56 0.54 0.00	10.63 0.46 0.00	11.80 0.52 0.00	16.95 0.73 0.00	19.53 0.86 0.00	20.60 0.89 0.00	21.13 0.91 0.00	25.19 1.06 0.00	29.55 1.22 0.00	29.57 1.20 0.00	24.83 1.09 0.00	24.30 1.19 0.00	24.37 1.23 0.00	25.72 1.34 0.00	25.54 1.45 0.00	26.52 1.47 0.00	26.34 1.43 0.00	25.27 1.33 0.00	28.16 1.35 0.00	22.14 0.91 0.00	19.15 0.65 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	20.53 1.80 0.00	19.34 1.65 0.00	16.43 1.36 0.00	13.10 1.07 0.00	11.08 0.91 0.00	12.31 1.03 0.00	17.78 1.56 0.00	20.43 1.77 0.00	21.68 1.97 0.00	22.29 2.07 0.00	37.17 2.30 -10.73	30.72 2.39 0.00	30.77 2.40 0.00	25.75 2.01 0.00	25.21 2.09 0.00	25.26 2.12 0.00	27.10 2.72 0.00	26.69 2.60 0.00	27.77 2.72 0.00	27.80 2.89 0.00	26.35 2.42 0.00	29.26 2.46 0.00	24.20 1.96 -1.02	20.12 1.61 0.00
DELAWARE___LFGE 323621	19.15 0.42 0.00	18.10 0.41 0.00	15.44 0.37 0.00	12.32 0.30 0.00	10.42 0.25 0.00	11.56 0.28 0.00	16.61 0.39 0.00	19.12 0.46 0.00	20.21 0.50 0.00	20.73 0.50 0.00	24.72 0.59 0.00	29.00 0.67 0.00	29.00 0.63 0.00	24.29 0.54 0.00	23.72 0.60 0.00	23.80 0.66 0.00	25.11 0.73 0.00	24.88 0.79 0.00	25.83 0.79 0.00	25.69 0.78 0.00	24.67 0.74 0.00	27.58 0.78 0.00	21.77 0.54 0.00	18.95 0.45 0.00
DERFIELD_115KV_TB7 355931	18.75 0.02 0.00	17.72 0.04 0.00	15.11 0.04 0.00	12.06 0.04 0.00	10.20 0.04 0.00	11.32 0.04 0.00	16.25 0.04 0.00	18.70 0.04 0.00	19.72 0.02 0.00	20.24 0.02 0.00	24.14 0.00 0.00	28.36 0.03 0.00	28.40 0.03 0.00	23.78 0.04 0.00	23.19 0.07 0.00	23.22 0.08 0.00	24.45 0.07 0.00	24.21 0.12 0.00	25.15 0.10 0.00	25.00 0.10 0.00	24.01 0.07 0.00	26.86 0.05 0.00	21.22 0.00 0.00	18.48 -0.03 0.00
DOGLEVILLE___HYD 23807	18.53 -0.20 0.00	17.57 -0.12 0.00	15.00 -0.07 0.00	11.97 -0.06 0.00	10.12 -0.05 0.00	11.25 -0.03 0.00	16.14 -0.08 0.00	18.54 -0.12 0.00	19.52 -0.18 0.00	20.06 -0.16 0.00	23.88 -0.25 0.00	28.09 -0.24 0.00	28.10 -0.27 0.00	23.61 -0.13 0.00	23.11 0.00 0.00	23.18 0.03 0.00	24.43 0.05 0.00	24.36 0.27 0.00	25.31 0.27 0.00	25.07 0.17 0.00	23.96 0.02 0.00	26.62 -0.19 0.00	20.85 -0.37 0.00	18.09 -0.41 0.00
DUNKIRK___115KV_TB_200 55889	17.66 -1.07 0.00	16.53 -1.16 0.00	14.08 -0.99 0.00	11.19 -0.83 0.00	9.47 -0.70 0.00	10.49 -0.78 0.00	15.41 -0.81 0.00	17.62 -1.05 0.00	18.80 -0.91 0.00	19.07 -1.15 0.00	22.62 -1.52 0.00	26.51 -1.83 0.00	26.56 -1.81 0.00	22.15 -1.59 0.00	21.67 -1.44 0.00	21.95 -1.19 0.00	22.99 -1.39 0.00	22.78 -1.31 0.00	23.79 -1.25 0.00	23.92 -0.99 0.00	23.21 -0.73 0.00	26.22 -0.58 0.00	20.78 -0.44 0.00	18.34 -0.16 0.00
DUNKIRK___1 23563	17.66 -1.07 0.00	16.53 -1.16 0.00	14.08 -0.99 0.00	11.19 -0.83 0.00	9.47 -0.70 0.00	10.49 -0.78 0.00	15.41 -0.81 0.00	17.62 -1.05 0.00	18.80 -0.91 0.00	19.07 -1.15 0.00	22.62 -1.52 0.00	26.51 -1.83 0.00	26.56 -1.81 0.00	22.15 -1.59 0.00	21.67 -1.44 0.00	21.95 -1.19 0.00	22.99 -1.39 0.00	22.78 -1.31 0.00	23.79 -1.25 0.00	23.92 -0.99 0.00	23.21 -0.73 0.00	26.22 -0.58 0.00	20.78 -0.44 0.00	18.34 -0.16 0.00
DUNKIRK___2 23564	17.66 -1.07 0.00	16.53 -1.16 0.00	14.08 -0.99 0.00	11.19 -0.83 0.00	9.47 -0.70 0.00	10.49 -0.78 0.00	15.41 -0.81 0.00	17.62 -1.05 0.00	18.80 -0.91 0.00	19.07 -1.15 0.00	22.62 -1.52 0.00	26.51 -1.83 0.00	26.56 -1.81 0.00	22.15 -1.59 0.00	21.67 -1.44 0.00	21.95 -1.19 0.00	22.99 -1.39 0.00	22.78 -1.31 0.00	23.79 -1.25 0.00	23.92 -0.99 0.00	23.21 -0.73 0.00	26.22 -0.58 0.00	20.78 -0.44 0.00	18.34 -0.16 0.00
DUNKIRK___3 23565	17.70 -1.03 0.00	16.57 -1.12 0.00	14.10 -0.97 0.00	11.22 -0.81 0.00	9.50 -0.67 0.00	10.52 -0.75 0.00	15.43 -0.78 0.00	17.67 -0.99 0.00	18.83 -0.88 0.00	19.12 -1.11 0.00	22.67 -1.47 0.00	26.56 -1.78 0.00	26.57 -1.80 0.00	22.16 -1.58 0.00	21.68 -1.44 0.00	21.95 -1.19 0.00	23.00 -1.38 0.00	22.79 -1.30 0.00	23.77 -1.28 0.00	23.88 -1.03 0.00	23.15 -0.78 0.00	26.16 -0.64 0.00	20.73 -0.50 0.00	18.28 -0.22 0.00
DUNKIRK___4 23566	17.70 -1.03 0.00	16.57 -1.12 0.00	14.11 -0.97 0.00	11.22 -0.81 0.00	9.49 -0.68 0.00	10.52 -0.76 0.00	15.44 -0.78 0.00	17.65 -1.01 0.00	18.83 -0.87 0.00	19.11 -1.12 0.00	22.67 -1.46 0.00	26.55 -1.78 0.00	26.61 -1.76 0.00	22.18 -1.56 0.00	21.68 -1.44 0.00	21.98 -1.16 0.00	23.02 -1.36 0.00	22.80 -1.30 0.00	23.76 -1.29 0.00	23.86 -1.05 0.00	23.15 -0.78 0.00	26.16 -0.65 0.00	20.76 -0.46 0.00	18.34 -0.16 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	19.77 1.04 0.00	18.67 0.98 0.00	15.89 0.82 0.00	12.68 0.66 0.00	10.73 0.56 0.00	11.93 0.65 0.00	17.15 0.93 0.00	19.73 1.07 0.00	20.81 1.11 0.00	21.35 1.13 0.00	25.44 1.30 0.00	29.82 1.49 0.00	29.85 1.48 0.00	25.07 1.33 0.00	24.56 1.44 0.00	24.63 1.49 0.00	26.00 1.62 0.00	25.83 1.74 0.00	26.83 1.78 0.00	26.66 1.75 0.00	25.56 1.63 0.00	28.48 1.68 0.00	22.37 1.14 0.00	19.34 0.84 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	19.64 0.91 0.00	18.55 0.86 0.00	15.79 0.72 0.00	12.60 0.57 0.00	10.67 0.50 0.00	11.84 0.56 0.00	17.02 0.80 0.00	19.60 0.94 0.00	20.68 0.97 0.00	21.21 0.99 0.00	25.27 1.14 0.00	29.64 1.31 0.00	29.65 1.28 0.00	24.91 1.17 0.00	24.39 1.28 0.00	24.47 1.33 0.00	25.82 1.44 0.00	25.65 1.55 0.00	26.63 1.59 0.00	26.46 1.55 0.00	25.37 1.44 0.00	28.29 1.49 0.00	22.22 1.00 0.00	19.22 0.71 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	19.86 1.13 0.00	18.76 1.07 0.00	15.96 0.89 0.00	12.74 0.72 0.00	10.78 0.61 0.00	11.97 0.69 0.00	17.21 0.99 0.00	19.80 1.14 0.00	20.88 1.17 0.00	21.41 1.18 0.00	25.52 1.38 0.00	29.90 1.56 0.00	29.93 1.56 0.00	25.17 1.43 0.00	24.65 1.54 0.00	24.74 1.60 0.00	26.11 1.72 0.00	25.94 1.85 0.00	26.94 1.89 0.00	26.75 1.85 0.00	25.67 1.74 0.00	28.59 1.79 0.00	22.47 1.24 0.00	19.42 0.91 0.00
E179THST_13_KV_LOAD 356214	19.94 1.21 0.00	18.83 1.14 0.00	16.02 0.95 0.00	12.79 0.76 0.00	10.81 0.64 0.00	12.01 0.73 0.00	17.27 1.05 0.00	19.87 1.21 0.00	20.96 1.25 0.00	21.49 1.27 0.00	25.62 1.49 0.00	30.02 1.68 0.00	30.06 1.69 0.00	25.27 1.53 0.00	24.76 1.64 0.00	24.85 1.71 0.00	26.22 1.84 0.00	26.05 1.96 0.00	27.05 2.01 0.00	26.87 1.97 0.00	25.79 1.85 0.00	28.71 1.91 0.00	22.56 1.33 0.00	19.49 0.99 0.00
EAST HAMPTON___GT 23717	20.69 1.96 0.00	19.48 1.79 0.00	16.55 1.47 0.00	13.19 1.17 0.00	11.16 0.99 0.00	12.39 1.11 0.00	17.90 1.68 0.00	20.58 1.92 0.00	21.85 2.15 0.00	22.49 2.26 0.00	37.43 2.56 -10.73	31.08 2.74 0.00	31.11 2.74 0.00	26.03 2.29 0.00	25.48 2.37 0.00	25.54 2.40 0.00	27.42 3.04 0.00	27.00 2.91 0.00	28.03 2.99 0.00	28.05 3.14 0.00	26.58 2.65 0.00	29.51 2.71 0.00	24.40 2.16 -1.02	20.28 1.77 0.00
EAST RIVER___6 23660	19.85 1.12 0.00	18.75 1.06 0.00	15.96 0.89 0.00	12.74 0.72 0.00	10.78 0.61 0.00	11.95 0.68 0.00	17.18 0.96 0.00	19.77 1.11 0.00	20.86 1.15 0.00	21.41 1.18 0.00	25.51 1.37 0.00	29.92 1.59 0.00	29.97 1.60 0.00	25.17 1.43 0.00	24.69 1.57 0.00	24.79 1.65 0.00	26.16 1.78 0.00	25.98 1.89 0.00	27.00 1.95 0.00	26.83 1.92 0.00	25.73 1.80 0.00	28.66 1.86 0.00	22.50 1.27 0.00	19.45 0.95 0.00
EAST RIVER___7 23524	19.85 1.12 0.00	18.75 1.06 0.00	15.96 0.89 0.00	12.74 0.72 0.00	10.78 0.61 0.00	11.95 0.68 0.00	17.18 0.96 0.00	19.77 1.11 0.00	20.86 1.15 0.00	21.41 1.18 0.00	25.51 1.37 0.00	29.92 1.59 0.00	29.97 1.60 0.00	25.17 1.43 0.00	24.69 1.57 0.00	24.79 1.65 0.00	26.16 1.78 0.00	25.98 1.89 0.00	27.00 1.95 0.00	26.83 1.92 0.00	25.73 1.80 0.00	28.66 1.86 0.00	22.50 1.27 0.00	19.45 0.95 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	19.73 1.00 0.00	18.63 0.94 0.00	15.86 0.78 0.00	12.66 0.63 0.00	10.71 0.54 0.00	11.89 0.61 0.00	17.10 0.88 0.00	19.68 1.02 0.00	20.76 1.05 0.00	21.30 1.08 0.00	25.38 1.25 0.00	29.76 1.42 0.00	29.78 1.41 0.00	25.00 1.26 0.00	24.49 1.38 0.00	24.57 1.43 0.00	25.93 1.55 0.00	25.76 1.67 0.00	26.76 1.71 0.00	26.58 1.68 0.00	25.50 1.56 0.00	28.42 1.61 0.00	22.31 1.09 0.00	19.29 0.79 0.00
EAST_HAMPTON___DIESEL 23722	20.69 1.95 0.00	19.48 1.79 0.00	16.54 1.47 0.00	13.18 1.16 0.00	11.16 0.99 0.00	12.39 1.11 0.00	17.90 1.68 0.00	20.58 1.91 0.00	21.85 2.14 0.00	22.49 2.26 0.00	37.43 2.56 -10.73	31.08 2.74 0.00	31.11 2.74 0.00	26.03 2.29 0.00	25.48 2.37 0.00	25.54 2.40 0.00	27.42 3.04 0.00	27.00 2.91 0.00	28.02 2.98 0.00	28.04 3.14 0.00	26.58 2.64 0.00	29.51 2.70 0.00	24.40 2.15 -1.02	20.28 1.77 0.00
EAST_PULASKI___ESR 323781	18.12 -0.61 0.00	17.08 -0.60 0.00	14.54 -0.53 0.00	11.60 -0.42 0.00	9.82 -0.35 0.00	10.89 -0.39 0.00	15.68 -0.54 0.00	18.07 -0.59 0.00	19.08 -0.63 0.00	19.58 -0.65 0.00	23.37 -0.76 0.00	27.43 -0.91 0.00	27.47 -0.91 0.00	22.96 -0.77 0.00	22.38 -0.74 0.00	22.48 -0.66 0.00	23.68 -0.70 0.00	23.41 -0.68 0.00	24.23 -0.82 0.00	24.13 -0.77 0.00	23.19 -0.74 0.00	25.98 -0.83 0.00	20.63 -0.60 0.00	18.00 -0.50 0.00
EAST_RIVER___1 323558	19.83 1.10 0.00	18.72 1.03 0.00	15.94 0.86 0.00	12.72 0.70 0.00	10.76 0.59 0.00	11.94 0.67 0.00	17.18 0.96 0.00	19.76 1.09 0.00	20.84 1.13 0.00	21.39 1.16 0.00	25.48 1.35 0.00	29.88 1.55 0.00	29.92 1.55 0.00	25.12 1.38 0.00	24.63 1.51 0.00	24.72 1.58 0.00	26.08 1.70 0.00	25.90 1.81 0.00	26.91 1.87 0.00	26.74 1.83 0.00	25.66 1.72 0.00	28.58 1.77 0.00	22.43 1.21 0.00	19.40 0.90 0.00
EAST_RIVER___2 323559	19.85 1.12 0.00	18.75 1.06 0.00	15.96 0.89 0.00	12.74 0.72 0.00	10.78 0.61 0.00	11.95 0.68 0.00	17.18 0.96 0.00	19.77 1.11 0.00	20.86 1.15 0.00	21.41 1.18 0.00	25.51 1.37 0.00	29.92 1.59 0.00	29.97 1.60 0.00	25.17 1.43 0.00	24.69 1.57 0.00	24.79 1.65 0.00	26.16 1.78 0.00	25.98 1.89 0.00	27.00 1.95 0.00	26.83 1.92 0.00	25.73 1.80 0.00	28.66 1.86 0.00	22.50 1.27 0.00	19.45 0.95 0.00
EAST___DELAWARE_HYD 23607	19.87 1.14 0.00	18.74 1.06 0.00	15.95 0.87 0.00	12.73 0.70 0.00	10.78 0.61 0.00	11.97 0.69 0.00	17.22 1.00 0.00	19.86 1.20 0.00	20.96 1.26 0.00	21.52 1.30 0.00	25.66 1.52 0.00	30.11 1.77 0.00	30.11 1.74 0.00	25.27 1.53 0.00	24.73 1.62 0.00	24.83 1.69 0.00	26.21 1.84 0.00	26.03 1.94 0.00	27.03 1.98 0.00	26.85 1.94 0.00	25.75 1.81 0.00	28.68 1.87 0.00	22.53 1.31 0.00	19.47 0.97 0.00
EIGHT_POINT___WT_PWR 323820	17.02 -1.71 0.00	15.88 -1.81 0.00	13.47 -1.60 0.00	10.68 -1.34 0.00	9.01 -1.15 0.00	10.02 -1.25 0.00	14.70 -1.52 0.00	16.88 -1.79 0.00	18.03 -1.67 0.00	18.53 -1.70 0.00	22.07 -2.07 0.00	25.97 -2.37 0.00	25.95 -2.43 0.00	21.50 -2.24 0.00	20.92 -2.20 0.00	21.11 -2.03 0.00	22.30 -2.08 0.00	22.33 -1.76 0.00	23.45 -1.60 0.00	23.60 -1.31 0.00	23.07 -0.86 0.00	26.13 -0.68 0.00	20.65 -0.57 0.00	18.32 -0.18 0.00
ELBRIDGE_115KV_TB2 80188	18.67 -0.06 0.00	17.59 -0.10 0.00	14.96 -0.11 0.00	11.93 -0.10 0.00	10.12 -0.05 0.00	11.23 -0.05 0.00	16.21 -0.01 0.00	18.63 -0.03 0.00	19.75 0.05 0.00	20.20 -0.02 0.00	24.16 0.03 0.00	28.30 -0.04 0.00	28.41 0.03 0.00	23.73 -0.01 0.00	23.09 -0.02 0.00	23.23 0.09 0.00	24.53 0.15 0.00	24.19 0.10 0.00	25.14 0.10 0.00	25.05 0.14 0.00	24.01 0.08 0.00	26.95 0.14 0.00	21.34 0.11 0.00	18.66 0.15 0.00
ELEC_TRO_TEK 24086	19.98 1.26 0.00	18.87 1.18 0.00	16.04 0.97 0.00	12.80 0.78 0.00	10.83 0.66 0.00	12.03 0.75 0.00	17.33 1.11 0.00	19.92 1.25 0.00	21.05 1.35 0.00	21.63 1.41 0.00	36.54 1.67 -10.73	30.20 1.86 0.00	30.23 1.86 0.00	25.38 1.64 0.00	24.84 1.72 0.00	24.88 1.74 0.00	26.30 1.92 0.00	26.10 2.01 0.00	27.13 2.09 0.00	26.98 2.07 0.00	25.86 1.93 0.00	28.78 1.97 0.00	23.66 1.42 -1.02	19.56 1.06 0.00
ELLENBURG_WT_PWR 323604	18.62 -0.11 0.00	17.66 -0.03 0.00	14.78 -0.29 0.00	11.71 -0.31 0.00	-7.62 -0.39 17.40	-9.60 -0.52 20.35	-5.61 -0.78 21.05	18.12 -0.55 0.00	19.29 -0.42 0.00	19.93 -0.29 0.00	24.20 0.06 0.00	28.50 0.16 0.00	28.74 0.37 0.00	24.01 0.27 0.00	22.95 -0.17 0.00	22.73 -0.41 0.00	-17.62 -0.97 41.03	-21.05 -1.10 44.04	-21.05 -1.07 45.03	1.45 -1.03 22.43	-6.39 -0.93 29.39	13.85 -0.86 12.09	20.73 -0.50 0.00	14.82 -0.46 3.22

ELM_ST_23_KV_LD_REV_LBMP_A 345012	17.64 -1.09 0.00	16.50 -1.19 0.00	14.05 -1.02 0.00	11.17 -0.85 0.00	9.45 -0.72 0.00	10.46 -0.82 0.00	15.34 -0.88 0.00	17.54 -1.13 0.00	18.71 -1.00 0.00	19.01 -1.22 0.00	22.55 -1.58 0.00	26.40 -1.94 0.00	26.49 -1.88 0.00	22.06 -1.68 0.00	21.50 -1.61 0.00	21.84 -1.30 0.00	22.87 -1.51 0.00	22.57 -1.52 0.00	23.39 -1.66 0.00	23.42 -1.49 0.00	22.71 -1.22 0.00	25.66 -1.15 0.00	20.45 -0.77 0.00	18.11 -0.39 0.00
EMPIRE_CC_1 323656	19.08 0.35 0.00	18.08 0.40 0.00	15.42 0.35 0.00	12.31 0.29 0.00	10.40 0.24 0.00	11.57 0.29 0.00	16.60 0.39 0.00	19.04 0.38 0.00	20.06 0.36 0.00	20.57 0.34 0.00	24.48 0.34 0.00	28.66 0.33 0.00	28.69 0.31 0.00	24.09 0.35 0.00	23.54 0.43 0.00	23.56 0.42 0.00	24.82 0.44 0.00	24.69 0.60 0.00	25.58 0.54 0.00	25.42 0.52 0.00	24.33 0.40 0.00	27.21 0.40 0.00	21.44 0.21 0.00	18.58 0.08 0.00
EMPIRE_CC_2 323658	19.08 0.35 0.00	18.08 0.40 0.00	15.42 0.35 0.00	12.31 0.29 0.00	10.40 0.24 0.00	11.57 0.29 0.00	16.60 0.39 0.00	19.04 0.38 0.00	20.06 0.36 0.00	20.57 0.34 0.00	24.48 0.34 0.00	28.66 0.33 0.00	28.69 0.31 0.00	24.09 0.35 0.00	23.54 0.43 0.00	23.56 0.42 0.00	24.82 0.44 0.00	24.69 0.60 0.00	25.58 0.54 0.00	25.42 0.52 0.00	24.33 0.40 0.00	27.21 0.40 0.00	21.44 0.21 0.00	18.58 0.08 0.00
ENORWICH_115KV_TB1 80156	19.24 0.52 0.00	18.22 0.53 0.00	15.47 0.40 0.00	12.32 0.29 0.00	10.40 0.24 0.00	11.53 0.26 0.00	16.69 0.47 0.00	19.29 0.62 0.00	20.46 0.75 0.00	20.97 0.75 0.00	25.10 0.96 0.00	29.35 1.02 0.00	29.24 0.87 0.00	24.51 0.77 0.00	23.93 0.82 0.00	24.22 1.08 0.00	25.74 1.36 0.00	25.53 1.44 0.00	26.56 1.52 0.00	26.41 1.50 0.00	25.31 1.38 0.00	28.33 1.52 0.00	22.31 1.09 0.00	19.63 1.12 0.00
ERIE_ST__34_KV_TB1-2 80199	18.17 -0.56 0.00	17.00 -0.69 0.00	14.47 -0.61 0.00	11.50 -0.52 0.00	9.72 -0.44 0.00	10.78 -0.50 0.00	15.81 -0.41 0.00	18.10 -0.57 0.00	19.30 -0.41 0.00	19.62 -0.61 0.00	23.28 -0.85 0.00	27.27 -1.07 0.00	27.32 -1.05 0.00	22.76 -0.98 0.00	22.17 -0.94 0.00	22.50 -0.63 0.00	23.58 -0.80 0.00	23.33 -0.76 0.00	24.17 -0.88 0.00	24.18 -0.73 0.00	23.44 -0.49 0.00	26.46 -0.34 0.00	21.06 -0.17 0.00	18.61 0.11 0.00
ERIE_WT_PWR 323693	17.76 -0.97 0.00	16.62 -1.07 0.00	14.15 -0.92 0.00	11.24 -0.78 0.00	9.51 -0.66 0.00	10.53 -0.75 0.00	15.44 -0.78 0.00	17.66 -1.00 0.00	18.84 -0.87 0.00	19.15 -1.08 0.00	22.75 -1.38 0.00	26.62 -1.72 0.00	26.72 -1.66 0.00	22.25 -1.49 0.00	21.69 -1.43 0.00	22.03 -1.12 0.00	23.07 -1.31 0.00	22.79 -1.31 0.00	23.64 -1.41 0.00	23.67 -1.24 0.00	22.96 -0.98 0.00	25.91 -0.90 0.00	20.64 -0.59 0.00	18.26 -0.24 0.00
ESPRGFLD_115KV_TB1 80157	19.41 0.68 0.00	18.28 0.60 0.00	15.55 0.48 0.00	12.40 0.38 0.00	10.50 0.34 0.00	11.64 0.36 0.00	16.75 0.53 0.00	19.36 0.69 0.00	20.50 0.80 0.00	21.04 0.81 0.00	25.15 1.01 0.00	29.60 1.27 0.00	29.61 1.24 0.00	24.68 0.94 0.00	24.03 0.92 0.00	24.13 0.99 0.00	25.51 1.13 0.00	25.18 1.10 0.00	26.14 1.09 0.00	26.02 1.12 0.00	25.08 1.14 0.00	28.10 1.30 0.00	22.27 1.04 0.00	19.48 0.98 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	18.85 0.11 0.00	17.77 0.09 0.00	15.13 0.05 0.00	12.06 0.03 0.00	10.21 0.04 0.00	11.33 0.05 0.00	16.36 0.14 0.00	18.85 0.18 0.00	19.94 0.21 0.00	20.44 0.21 0.00	24.39 0.26 0.00	28.61 0.28 0.00	28.63 0.26 0.00	23.94 0.20 0.00	23.34 0.22 0.00	23.48 0.34 0.00	24.79 0.41 0.00	24.52 0.43 0.00	25.48 0.43 0.00	25.37 0.46 0.00	24.36 0.42 0.00	27.27 0.46 0.00	21.54 0.32 0.00	18.81 0.31 0.00
ETNA____115KV_TB2 80207	18.85 0.11 0.00	17.77 0.09 0.00	15.13 0.05 0.00	12.06 0.03 0.00	10.21 0.04 0.00	11.33 0.05 0.00	16.36 0.14 0.00	18.85 0.18 0.00	19.94 0.21 0.00	20.44 0.21 0.00	24.39 0.26 0.00	28.61 0.28 0.00	28.63 0.26 0.00	23.94 0.20 0.00	23.34 0.22 0.00	23.48 0.34 0.00	24.79 0.41 0.00	24.52 0.43 0.00	25.48 0.43 0.00	25.37 0.46 0.00	24.36 0.42 0.00	27.27 0.46 0.00	21.54 0.32 0.00	18.81 0.31 0.00
EUCLID___115KV_TB2 356179	18.35 -0.38 0.00	17.31 -0.38 0.00	14.75 -0.32 0.00	11.76 -0.26 0.00	9.95 -0.21 0.00	11.04 -0.23 0.00	15.93 -0.30 0.00	18.30 -0.36 0.00	19.32 -0.38 0.00	19.81 -0.42 0.00	23.64 -0.49 0.00	27.77 -0.57 0.00	27.80 -0.57 0.00	23.22 -0.52 0.00	22.59 -0.53 0.00	22.69 -0.45 0.00	23.92 -0.46 0.00	23.65 -0.44 0.00	24.53 -0.52 0.00	24.40 -0.50 0.00	23.45 -0.48 0.00	26.26 -0.55 0.00	20.85 -0.37 0.00	18.22 -0.28 0.00
E_CANADA_CAP_HY 24051	19.57 0.84 0.00	18.40 0.71 0.00	15.65 0.57 0.00	12.49 0.47 0.00	10.58 0.41 0.00	11.73 0.45 0.00	16.88 0.66 0.00	19.50 0.83 0.00	20.61 0.91 0.00	21.16 0.93 0.00	25.29 1.15 0.00	29.82 1.48 0.00	29.85 1.48 0.00	24.85 1.11 0.00	24.19 1.07 0.00	24.26 1.12 0.00	25.64 1.26 0.00	25.29 1.20 0.00	26.20 1.15 0.00	26.08 1.18 0.00	25.16 1.22 0.00	28.20 1.39 0.00	22.37 1.14 0.00	19.58 1.08 0.00
E_CANADA_MHWK_HY 24050	18.53 -0.20 0.00	17.57 -0.12 0.00	15.00 -0.07 0.00	11.97 -0.06 0.00	10.12 -0.05 0.00	11.25 -0.03 0.00	16.14 -0.08 0.00	18.54 -0.12 0.00	19.52 -0.18 0.00	20.06 -0.16 0.00	23.88 -0.25 0.00	28.09 -0.24 0.00	28.10 -0.27 0.00	23.61 -0.13 0.00	23.11 0.00 0.00	23.18 0.03 0.00	24.43 0.05 0.00	24.36 0.27 0.00	25.31 0.27 0.00	25.07 0.17 0.00	23.96 0.02 0.00	26.62 -0.19 0.00	20.85 -0.37 0.00	18.09 -0.41 0.00
E_FISHKILL___LBMP 23776	19.60 0.87 0.00	18.52 0.83 0.00	15.77 0.69 0.00	12.58 0.56 0.00	10.65 0.48 0.00	11.83 0.55 0.00	17.00 0.78 0.00	19.56 0.90 0.00	20.63 0.93 0.00	21.16 0.94 0.00	25.20 1.07 0.00	29.56 1.22 0.00	29.57 1.20 0.00	24.84 1.10 0.00	24.32 1.21 0.00	24.40 1.26 0.00	25.73 1.35 0.00	25.57 1.48 0.00	26.55 1.50 0.00	26.37 1.46 0.00	25.29 1.36 0.00	28.18 1.38 0.00	22.14 0.92 0.00	19.15 0.65 0.00
FALCON___SEABRD_CC1 323796	18.79 0.06 0.00	17.85 0.16 0.00	14.95 -0.12 0.00	11.86 -0.16 0.00	-7.65 -0.25 17.56	-9.64 -0.38 20.54	-5.64 -0.62 21.25	18.26 -0.40 0.00	19.33 -0.38 0.00	19.96 -0.26 0.00	24.27 0.14 0.00	28.62 0.28 0.00	28.87 0.50 0.00	24.13 0.38 0.00	23.05 -0.06 0.00	22.92 -0.22 0.00	-17.89 -0.87 41.40	-21.32 -0.97 44.44	-21.21 -0.81 45.45	1.50 -0.78 22.63	-6.43 -0.71 29.66	14.00 -0.61 12.20	20.87 -0.36 0.00	14.83 -0.43 3.25
FALCON___SEABRD_CC2 323797	18.79 0.06 0.00	17.85 0.16 0.00	14.95 -0.12 0.00	11.86 -0.16 0.00	-7.65 -0.25 17.56	-9.64 -0.38 20.54	-5.64 -0.62 21.25	18.26 -0.40 0.00	19.33 -0.38 0.00	19.96 -0.26 0.00	24.27 0.14 0.00	28.62 0.28 0.00	28.87 0.50 0.00	24.13 0.38 0.00	23.05 -0.06 0.00	22.92 -0.22 0.00	-17.89 -0.87 41.40	-21.32 -0.97 44.44	-21.21 -0.81 45.45	1.50 -0.78 22.63	-6.43 -0.71 29.66	14.00 -0.61 12.20	20.87 -0.36 0.00	14.83 -0.43 3.25

FAR ROCKAWAY___4 23548	20.19 1.46 0.00	19.05 1.37 0.00	16.19 1.12 0.00	12.92 0.89 0.00	10.93 0.76 0.00	12.14 0.86 0.00	17.49 1.27 0.00	20.11 1.45 0.00	21.27 1.57 0.00	21.87 1.64 0.00	36.84 1.98 -10.73	30.54 2.20 0.00	30.58 2.20 0.00	25.68 1.93 0.00	25.13 2.02 0.00	25.19 2.05 0.00	26.52 2.14 0.00	26.37 2.28 0.00	27.49 2.45 0.00	27.33 2.43 0.00	26.20 2.26 0.00	29.14 2.33 0.00	23.94 1.70 -1.02	19.77 1.27 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	19.83 1.10 0.00	18.72 1.04 0.00	15.94 0.86 0.00	12.72 0.70 0.00	10.76 0.60 0.00	11.95 0.67 0.00	17.18 0.96 0.00	19.77 1.11 0.00	20.85 1.15 0.00	21.40 1.17 0.00	25.49 1.36 0.00	29.89 1.56 0.00	29.93 1.56 0.00	25.13 1.39 0.00	24.63 1.51 0.00	24.72 1.58 0.00	26.09 1.71 0.00	25.91 1.82 0.00	26.92 1.87 0.00	26.74 1.83 0.00	25.66 1.72 0.00	28.58 1.77 0.00	22.43 1.21 0.00	19.40 0.90 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	19.85 1.12 0.00	18.73 1.05 0.00	15.95 0.88 0.00	12.73 0.71 0.00	10.77 0.60 0.00	11.96 0.68 0.00	17.19 0.97 0.00	19.78 1.11 0.00	20.86 1.16 0.00	21.41 1.19 0.00	25.51 1.37 0.00	29.91 1.58 0.00	29.96 1.58 0.00	25.15 1.41 0.00	24.65 1.54 0.00	24.74 1.60 0.00	26.11 1.73 0.00	25.93 1.84 0.00	26.93 1.89 0.00	26.76 1.86 0.00	25.68 1.75 0.00	28.60 1.80 0.00	22.45 1.22 0.00	19.42 0.91 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	19.83 1.10 0.00	18.72 1.03 0.00	15.94 0.86 0.00	12.72 0.70 0.00	10.76 0.59 0.00	11.94 0.67 0.00	17.18 0.96 0.00	19.76 1.10 0.00	20.85 1.14 0.00	21.39 1.17 0.00	25.48 1.35 0.00	29.89 1.55 0.00	29.93 1.55 0.00	25.12 1.38 0.00	24.63 1.51 0.00	24.70 1.56 0.00	26.07 1.69 0.00	25.90 1.81 0.00	26.91 1.86 0.00	26.73 1.82 0.00	25.65 1.71 0.00	28.57 1.76 0.00	22.42 1.20 0.00	19.39 0.89 0.00
FARRAGUT___LBMP 323566	19.81 1.08 0.00	18.70 1.02 0.00	15.92 0.85 0.00	12.71 0.69 0.00	10.75 0.59 0.00	11.94 0.66 0.00	17.17 0.95 0.00	19.75 1.09 0.00	20.83 1.13 0.00	21.38 1.15 0.00	25.46 1.33 0.00	29.86 1.53 0.00	29.90 1.53 0.00	25.10 1.36 0.00	24.60 1.49 0.00	24.70 1.55 0.00	26.06 1.68 0.00	25.88 1.79 0.00	26.89 1.84 0.00	26.71 1.81 0.00	25.63 1.70 0.00	28.55 1.75 0.00	22.41 1.19 0.00	19.38 0.88 0.00
FENNER___WINDPWR 24204	18.82 0.09 0.00	17.78 0.09 0.00	15.13 0.05 0.00	12.05 0.03 0.00	10.22 0.05 0.00	11.34 0.06 0.00	16.33 0.11 0.00	18.83 0.16 0.00	19.87 0.16 0.00	20.43 0.21 0.00	24.37 0.23 0.00	28.59 0.26 0.00	28.66 0.29 0.00	23.99 0.25 0.00	23.35 0.23 0.00	23.43 0.29 0.00	24.70 0.32 0.00	24.42 0.33 0.00	25.36 0.31 0.00	25.25 0.34 0.00	24.25 0.32 0.00	27.16 0.35 0.00	21.45 0.23 0.00	18.70 0.20 0.00
FIBERTEK___ENERGY 23856	18.66 -0.07 0.00	17.59 -0.10 0.00	14.97 -0.10 0.00	11.94 -0.08 0.00	10.11 -0.05 0.00	11.22 -0.06 0.00	16.20 -0.02 0.00	18.63 -0.03 0.00	19.71 0.00 0.00	20.19 -0.03 0.00	24.12 -0.01 0.00	28.29 -0.04 0.00	28.36 -0.01 0.00	23.70 -0.04 0.00	23.07 -0.05 0.00	23.18 0.04 0.00	24.47 0.09 0.00	24.17 0.07 0.00	25.09 0.04 0.00	24.98 0.07 0.00	23.97 0.03 0.00	26.86 0.05 0.00	21.29 0.07 0.00	18.60 0.10 0.00
FITZPATRICK___ 23598	18.11 -0.62 0.00	17.08 -0.61 0.00	14.56 -0.51 0.00	11.61 -0.41 0.00	9.82 -0.34 0.00	10.90 -0.38 0.00	15.70 -0.52 0.00	18.04 -0.63 0.00	19.03 -0.68 0.00	19.51 -0.71 0.00	23.29 -0.84 0.00	27.38 -0.96 0.00	27.41 -0.97 0.00	22.89 -0.85 0.00	22.24 -0.88 0.00	22.31 -0.83 0.00	23.51 -0.87 0.00	23.23 -0.86 0.00	24.10 -0.95 0.00	23.97 -0.94 0.00	23.04 -0.89 0.00	25.81 -0.99 0.00	20.53 -0.70 0.00	17.95 -0.55 0.00
FLOWRFLD_69_KV_BK1 356044	20.23 1.50 0.00	19.07 1.39 0.00	16.21 1.14 0.00	12.93 0.90 0.00	10.93 0.76 0.00	12.14 0.86 0.00	17.52 1.30 0.00	20.13 1.47 0.00	21.33 1.62 0.00	21.95 1.72 0.00	36.84 1.97 -10.73	30.52 2.19 0.00	30.55 2.18 0.00	25.62 1.88 0.00	25.06 1.94 0.00	25.08 1.94 0.00	26.68 2.30 0.00	26.39 2.30 0.00	27.48 2.43 0.00	27.39 2.48 0.00	26.14 2.21 0.00	29.06 2.25 0.00	23.94 1.70 -1.02	19.83 1.33 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	19.82 1.09 0.00	18.71 1.02 0.00	15.93 0.85 0.00	12.71 0.69 0.00	10.76 0.59 0.00	11.95 0.67 0.00	17.18 0.96 0.00	19.79 1.13 0.00	20.88 1.17 0.00	21.43 1.21 0.00	25.53 1.40 0.00	29.95 1.62 0.00	29.97 1.59 0.00	25.17 1.43 0.00	24.65 1.53 0.00	24.73 1.59 0.00	26.10 1.72 0.00	25.94 1.85 0.00	26.92 1.88 0.00	26.73 1.83 0.00	25.63 1.69 0.00	28.55 1.75 0.00	22.42 1.20 0.00	19.38 0.88 0.00
FORT ORANGE___ 23900	19.03 0.30 0.00	18.03 0.34 0.00	15.42 0.35 0.00	12.31 0.29 0.00	10.40 0.24 0.00	11.56 0.29 0.00	16.59 0.37 0.00	19.01 0.35 0.00	20.05 0.34 0.00	20.61 0.38 0.00	24.51 0.38 0.00	28.73 0.40 0.00	28.78 0.41 0.00	24.15 0.40 0.00	23.59 0.48 0.00	23.64 0.50 0.00	24.93 0.55 0.00	24.77 0.67 0.00	25.67 0.63 0.00	25.50 0.59 0.00	24.41 0.48 0.00	27.23 0.42 0.00	21.43 0.20 0.00	18.61 0.10 0.00
FORT_DRUM_COGEN 23780	17.71 -1.02 0.00	16.69 -0.99 0.00	14.15 -0.92 0.00	11.30 -0.73 0.00	10.34 -0.57 -0.75	11.46 -0.69 -0.87	16.15 -0.97 -0.90	17.72 -0.94 0.00	18.74 -0.97 0.00	19.23 -0.99 0.00	22.93 -1.20 0.00	26.83 -1.50 0.00	26.90 -1.47 0.00	22.56 -1.18 0.00	22.11 -1.01 0.00	22.21 -0.93 0.00	25.15 -0.98 -1.76	25.00 -0.98 -1.89	25.86 -1.12 -1.93	24.85 -1.02 -0.96	24.21 -0.98 -1.26	26.29 -1.04 -0.52	20.47 -0.75 0.00	17.96 -0.68 -0.14
FOX_HILLS___ESR 323835	19.92 1.19 0.00	18.80 1.11 0.00	16.00 0.93 0.00	12.77 0.75 0.00	10.81 0.64 0.00	12.00 0.72 0.00	17.26 1.04 0.00	19.85 1.18 0.00	20.94 1.24 0.00	21.48 1.26 0.00	25.60 1.47 0.00	30.02 1.68 0.00	30.05 1.67 0.00	25.23 1.49 0.00	24.74 1.62 0.00	24.82 1.68 0.00	26.20 1.82 0.00	26.04 1.95 0.00	27.06 2.02 0.00	26.88 1.97 0.00	25.79 1.86 0.00	28.73 1.93 0.00	22.55 1.32 0.00	19.49 0.98 0.00
FPL_FAR_ROCK_GT1 24212	20.19 1.46 0.00	19.05 1.37 0.00	16.19 1.12 0.00	12.92 0.90 0.00	10.93 0.76 0.00	12.14 0.86 0.00	17.49 1.27 0.00	20.11 1.45 0.00	21.27 1.57 0.00	21.87 1.64 0.00	36.83 1.97 -10.73	30.54 2.20 0.00	30.58 2.21 0.00	25.68 1.94 0.00	25.13 2.02 0.00	25.19 2.05 0.00	26.52 2.14 0.00	26.37 2.28 0.00	27.49 2.45 0.00	27.33 2.43 0.00	26.19 2.26 0.00	29.14 2.33 0.00	23.94 1.70 -1.02	19.77 1.27 0.00
FPL_FAR_ROCK_GT2 23815	20.19 1.46 0.00	19.05 1.37 0.00	16.19 1.12 0.00	12.92 0.90 0.00	10.93 0.76 0.00	12.14 0.86 0.00	17.49 1.27 0.00	20.11 1.45 0.00	21.27 1.57 0.00	21.87 1.64 0.00	36.83 1.97 -10.73	30.54 2.20 0.00	30.58 2.21 0.00	25.68 1.94 0.00	25.13 2.02 0.00	25.19 2.05 0.00	26.52 2.14 0.00	26.37 2.28 0.00	27.49 2.45 0.00	27.33 2.43 0.00	26.19 2.26 0.00	29.14 2.33 0.00	23.94 1.70 -1.02	19.77 1.27 0.00

FRANKLIN_FALL_HYD 24054	18.84 0.11 0.00	17.80 0.11 0.00	14.96 -0.11 0.00	11.88 -0.14 0.00	22.00 -0.21 -12.04	25.03 -0.33 -14.08	30.30 -0.49 -14.57	18.41 -0.26 0.00	19.61 -0.10 0.00	20.26 0.03 0.00	24.49 0.36 0.00	28.86 0.52 0.00	29.03 0.66 0.00	24.23 0.48 0.00	23.20 0.08 0.00	23.15 0.01 0.00	52.30 -0.48 -28.40	53.93 -0.65 -30.48	55.63 -0.58 -31.17	39.83 -0.60 -15.52	43.75 -0.53 -20.34	34.74 -0.43 -8.37	21.06 -0.17 0.00	20.61 -0.12 -2.23
FREEPORT_EQUS_GT1 23764	20.12 1.39 0.00	18.98 1.30 0.00	16.13 1.06 0.00	12.87 0.85 0.00	10.89 0.72 0.00	12.09 0.81 0.00	17.43 1.21 0.00	20.03 1.37 0.00	21.19 1.49 0.00	21.80 1.57 0.00	36.71 1.85 -10.73	30.42 2.09 0.00	30.46 2.08 0.00	25.56 1.82 0.00	25.02 1.90 0.00	25.04 1.90 0.00	26.51 2.14 0.00	26.30 2.21 0.00	27.35 2.30 0.00	27.21 2.31 0.00	26.06 2.12 0.00	28.99 2.18 0.00	23.83 1.59 -1.02	19.70 1.19 0.00
FREEPORT___CT2 23818	20.12 1.39 0.00	18.98 1.30 0.00	16.13 1.06 0.00	12.87 0.85 0.00	10.89 0.72 0.00	12.09 0.81 0.00	17.43 1.21 0.00	20.03 1.37 0.00	21.19 1.49 0.00	21.80 1.57 0.00	36.71 1.85 -10.73	30.42 2.09 0.00	30.46 2.08 0.00	25.56 1.82 0.00	25.02 1.90 0.00	25.04 1.90 0.00	26.51 2.14 0.00	26.30 2.21 0.00	27.35 2.30 0.00	27.21 2.31 0.00	26.06 2.12 0.00	28.99 2.18 0.00	23.83 1.59 -1.02	19.70 1.19 0.00
FRESHKLS_33_KV_LOAD 356253	19.94 1.21 0.00	18.82 1.14 0.00	16.02 0.95 0.00	12.79 0.77 0.00	10.82 0.65 0.00	12.02 0.74 0.00	17.28 1.06 0.00	19.87 1.21 0.00	20.96 1.26 0.00	21.51 1.28 0.00	25.63 1.49 0.00	30.04 1.70 0.00	30.07 1.70 0.00	25.25 1.51 0.00	24.75 1.63 0.00	24.85 1.71 0.00	26.23 1.85 0.00	26.06 1.97 0.00	27.09 2.05 0.00	26.91 2.00 0.00	25.83 1.89 0.00	28.77 1.96 0.00	22.57 1.35 0.00	19.51 1.01 0.00
FULTON COGEN____ 23766	18.25 -0.48 0.00	17.21 -0.47 0.00	14.67 -0.40 0.00	11.70 -0.32 0.00	9.90 -0.27 0.00	10.98 -0.29 0.00	15.83 -0.38 0.00	18.20 -0.46 0.00	19.21 -0.49 0.00	19.71 -0.52 0.00	23.52 -0.62 0.00	27.64 -0.70 0.00	27.66 -0.71 0.00	23.10 -0.64 0.00	22.48 -0.64 0.00	22.57 -0.57 0.00	23.80 -0.58 0.00	23.54 -0.55 0.00	24.39 -0.66 0.00	24.27 -0.63 0.00	23.32 -0.61 0.00	26.10 -0.70 0.00	20.73 -0.49 0.00	18.11 -0.39 0.00
FULTON___LFGE 323630	20.44 1.71 0.00	19.20 1.52 0.00	16.32 1.25 0.00	13.05 1.02 0.00	11.04 0.88 0.00	12.26 0.98 0.00	17.69 1.47 0.00	20.48 1.82 0.00	21.74 2.04 0.00	22.34 2.11 0.00	26.68 2.54 0.00	31.41 3.08 0.00	31.48 3.11 0.00	26.25 2.52 0.00	25.60 2.48 0.00	25.74 2.60 0.00	27.30 2.92 0.00	26.98 2.89 0.00	27.93 2.88 0.00	27.75 2.84 0.00	26.64 2.71 0.00	29.73 2.92 0.00	23.42 2.19 0.00	20.35 1.85 0.00
G.F.CEMENT___DRP 24184	19.72 0.99 0.00	18.63 0.94 0.00	15.82 0.75 0.00	12.64 0.61 0.00	10.62 0.46 0.00	11.82 0.54 0.00	17.03 0.81 0.00	19.63 0.96 0.00	20.67 0.97 0.00	21.19 0.96 0.00	25.23 1.09 0.00	29.58 1.24 0.00	29.58 1.21 0.00	24.83 1.09 0.00	24.28 1.17 0.00	24.39 1.25 0.00	25.73 1.35 0.00	25.64 1.55 0.00	26.55 1.51 0.00	26.27 1.36 0.00	25.10 1.16 0.00	28.14 1.34 0.00	22.15 0.92 0.00	19.21 0.71 0.00
GARDENVILLE___LBMP 24039	17.69 -1.04 0.00	16.55 -1.14 0.00	14.09 -0.98 0.00	11.20 -0.82 0.00	9.47 -0.69 0.00	10.49 -0.79 0.00	15.39 -0.83 0.00	17.60 -1.06 0.00	18.78 -0.93 0.00	19.07 -1.15 0.00	22.64 -1.49 0.00	26.50 -1.84 0.00	26.58 -1.80 0.00	22.14 -1.60 0.00	21.58 -1.53 0.00	21.92 -1.22 0.00	22.96 -1.42 0.00	22.68 -1.41 0.00	23.53 -1.52 0.00	23.56 -1.35 0.00	22.86 -1.08 0.00	25.82 -0.99 0.00	20.56 -0.66 0.00	18.20 -0.30 0.00
GARDNVLA_35_KV_LD 355827	17.77 -0.96 0.00	16.62 -1.07 0.00	14.15 -0.92 0.00	11.25 -0.78 0.00	9.51 -0.66 0.00	10.53 -0.74 0.00	15.44 -0.78 0.00	17.67 -0.99 0.00	18.85 -0.85 0.00	19.16 -1.06 0.00	22.74 -1.39 0.00	26.63 -1.70 0.00	26.72 -1.66 0.00	22.26 -1.48 0.00	21.69 -1.42 0.00	22.04 -1.10 0.00	23.08 -1.30 0.00	22.81 -1.29 0.00	23.65 -1.40 0.00	23.68 -1.23 0.00	22.96 -0.97 0.00	25.93 -0.87 0.00	20.66 -0.57 0.00	18.28 -0.22 0.00
GELCKHM___115KV_LOAD 80723	18.47 -0.26 0.00	17.42 -0.27 0.00	14.84 -0.24 0.00	11.83 -0.19 0.00	10.01 -0.15 0.00	11.11 -0.16 0.00	16.03 -0.19 0.00	18.43 -0.23 0.00	19.47 -0.24 0.00	19.96 -0.26 0.00	23.82 -0.31 0.00	27.97 -0.37 0.00	28.02 -0.36 0.00	23.40 -0.33 0.00	22.77 -0.34 0.00	22.88 -0.26 0.00	24.13 -0.24 0.00	23.85 -0.24 0.00	24.74 -0.30 0.00	24.63 -0.28 0.00	23.65 -0.28 0.00	26.50 -0.31 0.00	21.02 -0.20 0.00	18.37 -0.13 0.00
GENERAL___MILLS 23808	17.75 -0.98 0.00	16.61 -1.08 0.00	14.14 -0.93 0.00	11.24 -0.78 0.00	9.50 -0.66 0.00	10.53 -0.75 0.00	15.44 -0.78 0.00	17.66 -1.00 0.00	18.84 -0.87 0.00	19.14 -1.08 0.00	22.72 -1.41 0.00	26.60 -1.73 0.00	26.69 -1.68 0.00	22.23 -1.51 0.00	21.67 -1.44 0.00	22.01 -1.13 0.00	23.05 -1.33 0.00	22.78 -1.32 0.00	23.61 -1.43 0.00	23.65 -1.25 0.00	22.94 -1.00 0.00	25.90 -0.91 0.00	20.63 -0.59 0.00	18.26 -0.24 0.00
GE_PLASTICS___DRP 24183	19.02 0.29 0.00	18.02 0.33 0.00	15.40 0.32 0.00	12.29 0.26 0.00	10.39 0.22 0.00	11.54 0.26 0.00	16.55 0.33 0.00	18.99 0.33 0.00	20.02 0.32 0.00	20.57 0.34 0.00	24.48 0.35 0.00	28.71 0.37 0.00	28.74 0.37 0.00	24.11 0.37 0.00	23.55 0.44 0.00	23.59 0.45 0.00	24.86 0.48 0.00	24.69 0.60 0.00	25.61 0.56 0.00	25.44 0.54 0.00	24.38 0.45 0.00	27.22 0.41 0.00	21.44 0.21 0.00	18.62 0.12 0.00
GILBOA___1 23756	19.13 0.40 0.00	18.15 0.47 0.00	15.52 0.45 0.00	12.38 0.36 0.00	10.47 0.31 0.00	11.61 0.33 0.00	16.60 0.38 0.00	19.10 0.43 0.00	20.14 0.44 0.00	20.66 0.44 0.00	24.62 0.49 0.00	28.88 0.55 0.00	28.91 0.53 0.00	24.24 0.50 0.00	23.67 0.56 0.00	23.73 0.59 0.00	25.02 0.64 0.00	24.83 0.73 0.00	25.77 0.72 0.00	25.61 0.71 0.00	24.57 0.64 0.00	27.44 0.63 0.00	21.63 0.40 0.00	18.78 0.27 0.00
GILBOA___2 23757	19.13 0.40 0.00	18.15 0.47 0.00	15.52 0.45 0.00	12.38 0.36 0.00	10.47 0.31 0.00	11.61 0.33 0.00	16.60 0.38 0.00	19.10 0.43 0.00	20.14 0.44 0.00	20.66 0.44 0.00	24.62 0.49 0.00	28.88 0.55 0.00	28.91 0.53 0.00	24.24 0.50 0.00	23.67 0.56 0.00	23.73 0.59 0.00	25.02 0.64 0.00	24.83 0.73 0.00	25.77 0.72 0.00	25.61 0.71 0.00	24.57 0.64 0.00	27.44 0.63 0.00	21.63 0.40 0.00	18.78 0.27 0.00
GILBOA___3 23758	19.13 0.40 0.00	18.15 0.47 0.00	15.52 0.45 0.00	12.38 0.36 0.00	10.47 0.31 0.00	11.61 0.33 0.00	16.60 0.38 0.00	19.10 0.43 0.00	20.14 0.44 0.00	20.66 0.44 0.00	24.62 0.49 0.00	28.88 0.55 0.00	28.91 0.53 0.00	24.24 0.50 0.00	23.67 0.56 0.00	23.73 0.59 0.00	25.02 0.64 0.00	24.83 0.73 0.00	25.77 0.72 0.00	25.61 0.71 0.00	24.57 0.64 0.00	27.44 0.63 0.00	21.63 0.40 0.00	18.78 0.27 0.00

GILBOA___4 23759	19.13 0.40 0.00	18.15 0.47 0.00	15.52 0.45 0.00	12.38 0.36 0.00	10.47 0.31 0.00	11.61 0.33 0.00	16.60 0.38 0.00	19.10 0.43 0.00	20.14 0.44 0.00	20.66 0.44 0.00	24.62 0.49 0.00	28.88 0.55 0.00	28.91 0.53 0.00	24.24 0.50 0.00	23.67 0.56 0.00	23.73 0.59 0.00	25.02 0.64 0.00	24.83 0.73 0.00	25.77 0.72 0.00	25.61 0.71 0.00	24.57 0.64 0.00	27.44 0.63 0.00	21.63 0.40 0.00	18.78 0.27 0.00
GILBOA____ 23599	19.13 0.40 0.00	18.15 0.47 0.00	15.52 0.45 0.00	12.38 0.36 0.00	10.47 0.31 0.00	11.61 0.33 0.00	16.60 0.38 0.00	19.10 0.43 0.00	20.14 0.44 0.00	20.66 0.44 0.00	24.62 0.49 0.00	28.88 0.55 0.00	28.91 0.54 0.00	24.24 0.50 0.00	23.67 0.56 0.00	23.73 0.59 0.00	25.02 0.64 0.00	24.83 0.73 0.00	25.77 0.72 0.00	25.61 0.70 0.00	24.57 0.64 0.00	27.44 0.64 0.00	21.63 0.40 0.00	18.78 0.27 0.00
GINNA____ 23603	17.30 -1.43 0.00	16.25 -1.44 0.00	13.85 -1.22 0.00	11.03 -0.99 0.00	9.33 -0.84 0.00	10.35 -0.93 0.00	15.05 -1.17 0.00	17.27 -1.39 0.00	18.34 -1.37 0.00	18.76 -1.47 0.00	22.35 -1.79 0.00	26.21 -2.13 0.00	26.27 -2.10 0.00	21.90 -1.84 0.00	21.32 -1.79 0.00	21.52 -1.62 0.00	22.66 -1.72 0.00	22.35 -1.75 0.00	23.14 -1.91 0.00	23.05 -1.86 0.00	22.21 -1.72 0.00	24.93 -1.88 0.00	19.80 -1.42 0.00	17.39 -1.12 0.00
GLEN PARK____ 23778	17.76 -0.97 0.00	16.73 -0.96 0.00	14.17 -0.90 0.00	11.32 -0.70 0.00	10.32 -0.55 0.00	11.44 -0.67 0.00	16.16 -0.91 0.00	17.80 -0.86 0.00	18.82 -0.88 0.00	19.32 -0.90 0.00	23.02 -1.11 0.00	26.92 -1.42 0.00	26.97 -1.40 0.00	22.62 -1.12 0.00	22.18 -0.94 0.00	22.31 -0.83 0.00	25.19 -0.86 -1.67	25.03 -0.85 -1.79	25.89 -0.98 -1.83	24.92 -0.90 -0.91	24.27 -0.86 -1.20	26.37 -0.93 -0.49	20.54 -0.69 0.00	18.01 -0.62 -0.13
GLENDALE_27_KV_LOAD 356172	19.95 1.22 0.00	18.83 1.14 0.00	16.03 0.96 0.00	12.80 0.77 0.00	10.82 0.66 0.00	12.02 0.74 0.00	17.28 1.06 0.00	19.88 1.22 0.00	20.98 1.28 0.00	21.53 1.31 0.00	25.67 1.53 0.00	30.10 1.76 0.00	30.14 1.76 0.00	25.31 1.57 0.00	24.80 1.68 0.00	24.89 1.75 0.00	26.27 1.89 0.00	26.10 2.01 0.00	27.12 2.07 0.00	26.94 2.03 0.00	25.84 1.91 0.00	28.78 1.97 0.00	22.59 1.37 0.00	19.52 1.02 0.00
GLENWOOD_IC_1_G5 23712	20.09 1.36 0.00	18.96 1.27 0.00	16.12 1.05 0.00	12.86 0.84 0.00	10.88 0.71 0.00	12.08 0.80 0.00	17.41 1.19 0.00	20.02 1.35 0.00	21.16 1.46 0.00	21.76 1.54 0.00	36.69 1.82 -10.73	30.38 2.04 0.00	30.43 2.05 0.00	25.53 1.79 0.00	24.98 1.87 0.00	25.02 1.88 0.00	26.37 1.99 0.00	26.16 2.07 0.00	27.20 2.15 0.00	27.06 2.15 0.00	26.02 2.08 0.00	28.95 2.14 0.00	23.79 1.55 -1.02	19.66 1.16 0.00
GLENWOOD_IC_2_G1 23688	20.04 1.31 0.00	18.91 1.23 0.00	16.08 1.01 0.00	12.83 0.81 0.00	10.85 0.69 0.00	12.05 0.77 0.00	17.36 1.15 0.00	19.96 1.30 0.00	21.10 1.40 0.00	21.69 1.47 0.00	36.60 1.73 -10.73	30.28 1.95 0.00	30.32 1.95 0.00	25.45 1.71 0.00	24.91 1.79 0.00	24.96 1.81 0.00	26.36 1.98 0.00	26.15 2.06 0.00	27.19 2.15 0.00	27.04 2.14 0.00	25.94 2.00 0.00	28.87 2.06 0.00	23.73 1.48 -1.02	19.61 1.11 0.00
GLENWOOD_IC_3_G1 23689	20.04 1.31 0.00	18.91 1.23 0.00	16.08 1.01 0.00	12.83 0.81 0.00	10.85 0.69 0.00	12.05 0.77 0.00	17.36 1.15 0.00	19.96 1.30 0.00	21.10 1.40 0.00	21.69 1.47 0.00	36.60 1.73 -10.73	30.28 1.95 0.00	30.32 1.95 0.00	25.45 1.71 0.00	24.91 1.79 0.00	24.96 1.81 0.00	26.36 1.98 0.00	26.15 2.06 0.00	27.19 2.15 0.00	27.04 2.14 0.00	25.94 2.00 0.00	28.87 2.06 0.00	23.73 1.48 -1.02	19.61 1.11 0.00
GLENWOOD___4 23550	20.09 1.36 0.00	18.96 1.27 0.00	16.12 1.05 0.00	12.86 0.84 0.00	10.88 0.71 0.00	12.08 0.80 0.00	17.41 1.19 0.00	20.02 1.35 0.00	21.16 1.46 0.00	21.76 1.54 0.00	36.69 1.82 -10.73	30.38 2.04 0.00	30.43 2.05 0.00	25.53 1.79 0.00	24.98 1.87 0.00	25.02 1.88 0.00	26.40 2.02 0.00	26.19 2.10 0.00	27.23 2.19 0.00	27.09 2.18 0.00	26.02 2.08 0.00	28.95 2.14 0.00	23.79 1.55 -1.02	19.66 1.16 0.00
GLENWOOD___5 23614	20.09 1.36 0.00	18.96 1.27 0.00	16.12 1.05 0.00	12.86 0.84 0.00	10.88 0.71 0.00	12.08 0.80 0.00	17.41 1.19 0.00	20.02 1.35 0.00	21.16 1.46 0.00	21.76 1.54 0.00	36.69 1.82 -10.73	30.38 2.04 0.00	30.43 2.05 0.00	25.53 1.79 0.00	24.98 1.87 0.00	25.02 1.88 0.00	26.40 2.02 0.00	26.19 2.10 0.00	27.23 2.19 0.00	27.09 2.18 0.00	26.02 2.08 0.00	28.95 2.14 0.00	23.79 1.55 -1.02	19.66 1.16 0.00
GLOBAL GREEN_PORT_GT1 23814	20.68 1.95 0.00	19.47 1.78 0.00	16.54 1.47 0.00	13.18 1.16 0.00	11.16 0.99 0.00	12.39 1.11 0.00	17.90 1.68 0.00	20.58 1.92 0.00	21.85 2.15 0.00	22.48 2.26 0.00	37.42 2.55 -10.73	31.05 2.72 0.00	31.09 2.72 0.00	26.01 2.27 0.00	25.47 2.35 0.00	25.52 2.38 0.00	27.39 3.01 0.00	26.98 2.89 0.00	28.04 2.99 0.00	28.05 3.14 0.00	26.58 2.65 0.00	29.51 2.71 0.00	24.39 2.15 -1.02	20.26 1.76 0.00
GLOBE___DSASP 323697	17.16 -1.57 0.00	16.06 -1.63 0.00	13.68 -1.39 0.00	10.88 -1.15 0.00	9.19 -0.98 0.00	10.17 -1.11 0.00	14.92 -1.29 0.00	17.01 -1.65 0.00	18.16 -1.55 0.00	18.45 -1.78 0.00	21.88 -2.25 0.00	25.59 -2.75 0.00	25.74 -2.64 0.00	21.43 -2.31 0.00	20.85 -2.26 0.00	21.20 -1.94 0.00	22.16 -2.22 0.00	21.81 -2.28 0.00	22.55 -2.50 0.00	22.55 -2.36 0.00	21.88 -2.05 0.00	24.74 -2.07 0.00	19.77 -1.45 0.00	17.56 -0.94 0.00
GOETHSLN___LBMP 323567	19.72 0.99 0.00	18.62 0.93 0.00	15.85 0.78 0.00	12.66 0.63 0.00	10.71 0.54 0.00	11.89 0.61 0.00	17.09 0.87 0.00	19.66 0.99 0.00	20.73 1.02 0.00	21.27 1.04 0.00	25.33 1.20 0.00	29.70 1.37 0.00	29.73 1.36 0.00	24.96 1.22 0.00	24.48 1.36 0.00	24.56 1.42 0.00	25.93 1.55 0.00	25.75 1.66 0.00	26.75 1.71 0.00	26.58 1.67 0.00	25.51 1.57 0.00	28.42 1.61 0.00	22.29 1.07 0.00	19.29 0.78 0.00
GOLAH___69_KV_TB 1_2 80279	18.10 -0.63 0.00	16.97 -0.72 0.00	14.45 -0.62 0.00	11.51 -0.52 0.00	9.72 -0.44 0.00	10.79 -0.49 0.00	15.74 -0.48 0.00	18.05 -0.62 0.00	19.20 -0.50 0.00	19.59 -0.64 0.00	23.31 -0.83 0.00	27.31 -1.03 0.00	27.38 -0.99 0.00	22.82 -0.92 0.00	22.23 -0.89 0.00	22.49 -0.65 0.00	23.64 -0.74 0.00	23.32 -0.77 0.00	24.15 -0.89 0.00	24.08 -0.82 0.00	23.26 -0.68 0.00	26.16 -0.65 0.00	20.79 -0.44 0.00	18.30 -0.21 0.00
GOODYEAR_LAKE_HYD 323669	19.28 0.55 0.00	18.20 0.52 0.00	15.51 0.44 0.00	12.37 0.34 0.00	10.47 0.31 0.00	11.61 0.33 0.00	16.69 0.47 0.00	19.25 0.59 0.00	20.37 0.67 0.00	20.90 0.67 0.00	24.95 0.81 0.00	29.29 0.96 0.00	29.30 0.92 0.00	24.49 0.75 0.00	23.90 0.79 0.00	23.99 0.85 0.00	25.34 0.96 0.00	25.09 1.00 0.00	26.06 1.01 0.00	25.92 1.01 0.00	24.91 0.98 0.00	27.86 1.06 0.00	22.00 0.78 0.00	19.19 0.68 0.00

GOUDEY___115_KV_TB6_REV_LBMP_C 345031	18.61 -0.12 0.00	17.54 -0.15 0.00	14.93 -0.14 0.00	11.91 -0.11 0.00	10.08 -0.09 0.00	11.19 -0.09 0.00	16.15 -0.07 0.00	18.60 -0.06 0.00	19.65 -0.05 0.00	20.14 -0.08 0.00	23.98 -0.15 0.00	28.16 -0.18 0.00	28.12 -0.25 0.00	23.52 -0.22 0.00	22.97 -0.14 0.00	23.09 -0.05 0.00	24.32 -0.05 0.00	24.10 0.01 0.00	25.07 0.02 0.00	24.98 0.07 0.00	24.03 0.09 0.00	26.93 0.12 0.00	21.23 0.00 0.00	18.53 0.03 0.00
GOUDEY___7 23579	18.62 -0.11 0.00	17.56 -0.13 0.00	14.95 -0.13 0.00	11.92 -0.11 0.00	10.09 -0.08 0.00	11.19 -0.09 0.00	16.16 -0.06 0.00	18.62 -0.05 0.00	19.67 -0.04 0.00	20.16 -0.07 0.00	24.00 -0.13 0.00	28.18 -0.15 0.00	28.15 -0.23 0.00	23.55 -0.19 0.00	22.99 -0.12 0.00	23.11 -0.03 0.00	24.34 -0.03 0.00	24.13 0.04 0.00	25.09 0.05 0.00	25.00 0.10 0.00	24.05 0.11 0.00	26.95 0.14 0.00	21.25 0.03 0.00	18.55 0.04 0.00
GOUDEY___8 23580	18.61 -0.12 0.00	17.54 -0.15 0.00	14.93 -0.14 0.00	11.91 -0.11 0.00	10.08 -0.09 0.00	11.19 -0.09 0.00	16.15 -0.07 0.00	18.60 -0.06 0.00	19.65 -0.05 0.00	20.14 -0.08 0.00	23.98 -0.15 0.00	28.16 -0.18 0.00	28.12 -0.25 0.00	23.52 -0.22 0.00	22.97 -0.14 0.00	23.09 -0.05 0.00	24.32 -0.05 0.00	24.10 0.01 0.00	25.07 0.02 0.00	24.98 0.07 0.00	24.03 0.09 0.00	26.93 0.12 0.00	21.23 0.00 0.00	18.53 0.03 0.00
GOWANUS_GT1_1 24077	19.92 1.19 0.00	18.80 1.11 0.00	16.00 0.93 0.00	12.77 0.75 0.00	10.81 0.64 0.00	12.00 0.72 0.00	17.25 1.03 0.00	19.85 1.18 0.00	20.94 1.24 0.00	21.49 1.27 0.00	25.62 1.48 0.00	30.02 1.69 0.00	30.06 1.69 0.00	25.25 1.51 0.00	24.74 1.63 0.00	24.84 1.69 0.00	26.21 1.84 0.00	26.05 1.96 0.00	27.07 2.02 0.00	26.88 1.98 0.00	25.80 1.87 0.00	28.74 1.93 0.00	22.55 1.32 0.00	19.48 0.98 0.00
GOWANUS_GT1_2 24078	19.92 1.19 0.00	18.80 1.11 0.00	16.00 0.93 0.00	12.77 0.75 0.00	10.81 0.64 0.00	12.00 0.72 0.00	17.25 1.03 0.00	19.85 1.18 0.00	20.94 1.24 0.00	21.49 1.27 0.00	25.62 1.48 0.00	30.02 1.69 0.00	30.06 1.69 0.00	25.25 1.51 0.00	24.74 1.63 0.00	24.84 1.69 0.00	26.21 1.84 0.00	26.05 1.96 0.00	27.07 2.02 0.00	26.88 1.98 0.00	25.80 1.87 0.00	28.74 1.93 0.00	22.55 1.32 0.00	19.48 0.98 0.00
GOWANUS_GT1_3 24079	19.92 1.19 0.00	18.80 1.11 0.00	16.00 0.93 0.00	12.77 0.75 0.00	10.81 0.64 0.00	12.00 0.72 0.00	17.25 1.03 0.00	19.85 1.18 0.00	20.94 1.24 0.00	21.49 1.27 0.00	25.62 1.48 0.00	30.02 1.69 0.00	30.06 1.69 0.00	25.25 1.51 0.00	24.74 1.63 0.00	24.84 1.69 0.00	26.21 1.84 0.00	26.05 1.96 0.00	27.07 2.02 0.00	26.88 1.98 0.00	25.80 1.87 0.00	28.74 1.93 0.00	22.55 1.32 0.00	19.48 0.98 0.00
GOWANUS_GT1_4 24080	19.92 1.19 0.00	18.80 1.11 0.00	16.00 0.93 0.00	12.77 0.75 0.00	10.81 0.64 0.00	12.00 0.72 0.00	17.25 1.03 0.00	19.85 1.18 0.00	20.94 1.24 0.00	21.49 1.27 0.00	25.62 1.48 0.00	30.02 1.69 0.00	30.06 1.69 0.00	25.25 1.51 0.00	24.74 1.63 0.00	24.84 1.69 0.00	26.21 1.84 0.00	26.05 1.96 0.00	27.07 2.02 0.00	26.88 1.98 0.00	25.80 1.87 0.00	28.74 1.93 0.00	22.55 1.32 0.00	19.48 0.98 0.00
GOWANUS_GT1_5 24084	19.92 1.19 0.00	18.80 1.11 0.00	16.00 0.93 0.00	12.77 0.75 0.00	10.81 0.64 0.00	12.00 0.72 0.00	17.25 1.03 0.00	19.85 1.18 0.00	20.94 1.24 0.00	21.49 1.27 0.00	25.62 1.48 0.00	30.02 1.69 0.00	30.06 1.69 0.00	25.25 1.51 0.00	24.74 1.63 0.00	24.84 1.69 0.00	26.21 1.84 0.00	26.05 1.96 0.00	27.07 2.02 0.00	26.88 1.98 0.00	25.80 1.87 0.00	28.74 1.93 0.00	22.55 1.32 0.00	19.48 0.98 0.00
GOWANUS_GT1_6 24111	19.92 1.19 0.00	18.80 1.11 0.00	16.00 0.93 0.00	12.77 0.75 0.00	10.81 0.64 0.00	12.00 0.72 0.00	17.25 1.03 0.00	19.85 1.18 0.00	20.94 1.24 0.00	21.49 1.27 0.00	25.62 1.48 0.00	30.02 1.69 0.00	30.06 1.69 0.00	25.25 1.51 0.00	24.74 1.63 0.00	24.84 1.69 0.00	26.21 1.84 0.00	26.05 1.96 0.00	27.07 2.02 0.00	26.88 1.98 0.00	25.80 1.87 0.00	28.74 1.93 0.00	22.55 1.32 0.00	19.48 0.98 0.00
GOWANUS_GT1_7 24112	19.92 1.19 0.00	18.80 1.11 0.00	16.00 0.93 0.00	12.77 0.75 0.00	10.81 0.64 0.00	12.00 0.72 0.00	17.25 1.03 0.00	19.85 1.18 0.00	20.94 1.24 0.00	21.49 1.27 0.00	25.62 1.48 0.00	30.02 1.69 0.00	30.06 1.69 0.00	25.25 1.51 0.00	24.74 1.63 0.00	24.84 1.69 0.00	26.21 1.84 0.00	26.05 1.96 0.00	27.07 2.02 0.00	26.88 1.98 0.00	25.80 1.87 0.00	28.74 1.93 0.00	22.55 1.32 0.00	19.48 0.98 0.00
GOWANUS_GT1_8 24113	19.92 1.19 0.00	18.80 1.11 0.00	16.00 0.93 0.00	12.77 0.75 0.00	10.81 0.64 0.00	12.00 0.72 0.00	17.25 1.03 0.00	19.85 1.18 0.00	20.94 1.24 0.00	21.49 1.27 0.00	25.62 1.48 0.00	30.02 1.69 0.00	30.06 1.69 0.00	25.25 1.51 0.00	24.74 1.63 0.00	24.84 1.69 0.00	26.21 1.84 0.00	26.05 1.96 0.00	27.07 2.02 0.00	26.88 1.98 0.00	25.80 1.87 0.00	28.74 1.93 0.00	22.55 1.32 0.00	19.48 0.98 0.00
GOWANUS_GT2_1 24114	19.90 1.17 0.00	18.78 1.10 0.00	15.98 0.91 0.00	12.76 0.74 0.00	10.80 0.63 0.00	11.99 0.71 0.00	17.24 1.03 0.00	19.83 1.17 0.00	20.93 1.22 0.00	21.47 1.25 0.00	25.60 1.47 0.00	30.00 1.67 0.00	30.04 1.67 0.00	25.23 1.49 0.00	24.72 1.61 0.00	24.82 1.68 0.00	26.20 1.82 0.00	26.03 1.94 0.00	27.05 2.00 0.00	26.87 1.96 0.00	25.78 1.84 0.00	28.72 1.91 0.00	22.54 1.31 0.00	19.47 0.97 0.00
GOWANUS_GT2_2 24115	19.90 1.17 0.00	18.78 1.10 0.00	15.98 0.91 0.00	12.76 0.74 0.00	10.80 0.63 0.00	11.99 0.71 0.00	17.24 1.03 0.00	19.83 1.17 0.00	20.93 1.22 0.00	21.47 1.25 0.00	25.60 1.47 0.00	30.00 1.67 0.00	30.04 1.67 0.00	25.23 1.49 0.00	24.72 1.61 0.00	24.82 1.68 0.00	26.20 1.82 0.00	26.03 1.94 0.00	27.05 2.00 0.00	26.87 1.96 0.00	25.78 1.84 0.00	28.72 1.91 0.00	22.54 1.31 0.00	19.47 0.97 0.00
GOWANUS_GT2_3 24116	19.90 1.17 0.00	18.78 1.10 0.00	15.98 0.91 0.00	12.76 0.74 0.00	10.80 0.63 0.00	11.99 0.71 0.00	17.24 1.03 0.00	19.83 1.17 0.00	20.93 1.22 0.00	21.47 1.25 0.00	25.60 1.47 0.00	30.00 1.67 0.00	30.04 1.67 0.00	25.23 1.49 0.00	24.72 1.61 0.00	24.82 1.68 0.00	26.20 1.82 0.00	26.03 1.94 0.00	27.05 2.00 0.00	26.87 1.96 0.00	25.78 1.84 0.00	28.72 1.91 0.00	22.54 1.31 0.00	19.47 0.97 0.00
GOWANUS_GT2_4 24117	19.90 1.17 0.00	18.78 1.10 0.00	15.98 0.91 0.00	12.76 0.74 0.00	10.80 0.63 0.00	11.99 0.71 0.00	17.24 1.03 0.00	19.83 1.17 0.00	20.93 1.22 0.00	21.47 1.25 0.00	25.60 1.47 0.00	30.00 1.67 0.00	30.04 1.67 0.00	25.23 1.49 0.00	24.72 1.61 0.00	24.82 1.68 0.00	26.20 1.82 0.00	26.03 1.94 0.00	27.05 2.00 0.00	26.87 1.96 0.00	25.78 1.84 0.00	28.72 1.91 0.00	22.54 1.31 0.00	19.47 0.97 0.00

GOWANUS_GT2_5 24118	19.90 1.17 0.00	18.78 1.10 0.00	15.98 0.91 0.00	12.76 0.74 0.00	10.80 0.63 0.00	11.99 0.71 0.00	17.24 1.03 0.00	19.83 1.17 0.00	20.93 1.22 0.00	21.47 1.25 0.00	25.60 1.47 0.00	30.00 1.67 0.00	30.04 1.67 0.00	25.23 1.49 0.00	24.72 1.61 0.00	24.82 1.68 0.00	26.20 1.82 0.00	26.03 1.94 0.00	27.05 2.00 0.00	26.87 1.96 0.00	25.78 1.84 0.00	28.72 1.91 0.00	22.54 1.31 0.00	19.47 0.97 0.00
GOWANUS_GT2_6 24119	19.90 1.17 0.00	18.78 1.10 0.00	15.98 0.91 0.00	12.76 0.74 0.00	10.80 0.63 0.00	11.99 0.71 0.00	17.24 1.03 0.00	19.83 1.17 0.00	20.93 1.22 0.00	21.47 1.25 0.00	25.60 1.47 0.00	30.00 1.67 0.00	30.04 1.67 0.00	25.23 1.49 0.00	24.72 1.61 0.00	24.82 1.68 0.00	26.20 1.82 0.00	26.03 1.94 0.00	27.05 2.00 0.00	26.87 1.96 0.00	25.78 1.84 0.00	28.72 1.91 0.00	22.54 1.31 0.00	19.47 0.97 0.00
GOWANUS_GT2_7 24120	19.90 1.17 0.00	18.78 1.10 0.00	15.98 0.91 0.00	12.76 0.74 0.00	10.80 0.63 0.00	11.99 0.71 0.00	17.24 1.03 0.00	19.83 1.17 0.00	20.93 1.22 0.00	21.47 1.25 0.00	25.60 1.47 0.00	30.00 1.67 0.00	30.04 1.67 0.00	25.23 1.49 0.00	24.72 1.61 0.00	24.82 1.68 0.00	26.20 1.82 0.00	26.03 1.94 0.00	27.05 2.00 0.00	26.87 1.96 0.00	25.78 1.84 0.00	28.72 1.91 0.00	22.54 1.31 0.00	19.47 0.97 0.00
GOWANUS_GT2_8 24121	19.90 1.17 0.00	18.78 1.10 0.00	15.98 0.91 0.00	12.76 0.74 0.00	10.80 0.63 0.00	11.99 0.71 0.00	17.24 1.03 0.00	19.83 1.17 0.00	20.93 1.22 0.00	21.47 1.25 0.00	25.60 1.47 0.00	30.00 1.67 0.00	30.04 1.67 0.00	25.23 1.49 0.00	24.72 1.61 0.00	24.82 1.68 0.00	26.20 1.82 0.00	26.03 1.94 0.00	27.05 2.00 0.00	26.87 1.96 0.00	25.78 1.84 0.00	28.72 1.91 0.00	22.54 1.31 0.00	19.47 0.97 0.00
GOWANUS_GT3_1 24122	19.92 1.19 0.00	18.80 1.11 0.00	16.00 0.93 0.00	12.77 0.75 0.00	10.81 0.64 0.00	12.00 0.72 0.00	17.25 1.03 0.00	19.85 1.19 0.00	20.94 1.24 0.00	21.49 1.27 0.00	25.61 1.48 0.00	30.02 1.69 0.00	30.06 1.69 0.00	25.25 1.51 0.00	24.74 1.63 0.00	24.84 1.69 0.00	26.21 1.83 0.00	26.05 1.95 0.00	27.07 2.02 0.00	26.88 1.98 0.00	25.80 1.86 0.00	28.74 1.93 0.00	22.55 1.33 0.00	19.48 0.98 0.00
GOWANUS_GT3_2 24123	19.92 1.19 0.00	18.80 1.11 0.00	16.00 0.93 0.00	12.77 0.75 0.00	10.81 0.64 0.00	12.00 0.72 0.00	17.25 1.03 0.00	19.85 1.19 0.00	20.94 1.24 0.00	21.49 1.27 0.00	25.61 1.48 0.00	30.02 1.69 0.00	30.06 1.69 0.00	25.25 1.51 0.00	24.74 1.63 0.00	24.84 1.69 0.00	26.21 1.83 0.00	26.05 1.95 0.00	27.07 2.02 0.00	26.88 1.98 0.00	25.80 1.86 0.00	28.74 1.93 0.00	22.55 1.33 0.00	19.48 0.98 0.00
GOWANUS_GT3_3 24124	19.92 1.19 0.00	18.80 1.11 0.00	16.00 0.93 0.00	12.77 0.75 0.00	10.81 0.64 0.00	12.00 0.72 0.00	17.25 1.03 0.00	19.85 1.19 0.00	20.94 1.24 0.00	21.49 1.27 0.00	25.61 1.48 0.00	30.02 1.69 0.00	30.06 1.69 0.00	25.25 1.51 0.00	24.74 1.63 0.00	24.84 1.69 0.00	26.21 1.83 0.00	26.05 1.95 0.00	27.07 2.02 0.00	26.88 1.98 0.00	25.80 1.86 0.00	28.74 1.93 0.00	22.55 1.33 0.00	19.48 0.98 0.00
GOWANUS_GT3_4 24125	19.92 1.19 0.00	18.80 1.11 0.00	16.00 0.93 0.00	12.77 0.75 0.00	10.81 0.64 0.00	12.00 0.72 0.00	17.25 1.03 0.00	19.85 1.19 0.00	20.94 1.24 0.00	21.49 1.27 0.00	25.61 1.48 0.00	30.02 1.69 0.00	30.06 1.69 0.00	25.25 1.51 0.00	24.74 1.63 0.00	24.84 1.69 0.00	26.21 1.83 0.00	26.05 1.95 0.00	27.07 2.02 0.00	26.88 1.98 0.00	25.80 1.86 0.00	28.74 1.93 0.00	22.55 1.33 0.00	19.48 0.98 0.00
GOWANUS_GT3_5 24126	19.92 1.19 0.00	18.80 1.11 0.00	16.00 0.93 0.00	12.77 0.75 0.00	10.81 0.64 0.00	12.00 0.72 0.00	17.25 1.03 0.00	19.85 1.19 0.00	20.94 1.24 0.00	21.49 1.27 0.00	25.61 1.48 0.00	30.02 1.69 0.00	30.06 1.69 0.00	25.25 1.51 0.00	24.74 1.63 0.00	24.84 1.69 0.00	26.21 1.83 0.00	26.05 1.95 0.00	27.07 2.02 0.00	26.88 1.98 0.00	25.80 1.86 0.00	28.74 1.93 0.00	22.55 1.33 0.00	19.48 0.98 0.00
GOWANUS_GT3_6 24127	19.92 1.19 0.00	18.80 1.11 0.00	16.00 0.93 0.00	12.77 0.75 0.00	10.81 0.64 0.00	12.00 0.72 0.00	17.25 1.03 0.00	19.85 1.19 0.00	20.94 1.24 0.00	21.49 1.27 0.00	25.61 1.48 0.00	30.02 1.69 0.00	30.06 1.69 0.00	25.25 1.51 0.00	24.74 1.63 0.00	24.84 1.69 0.00	26.21 1.83 0.00	26.05 1.95 0.00	27.07 2.02 0.00	26.88 1.98 0.00	25.80 1.86 0.00	28.74 1.93 0.00	22.55 1.33 0.00	19.48 0.98 0.00
GOWANUS_GT3_7 24128	19.92 1.19 0.00	18.80 1.11 0.00	16.00 0.93 0.00	12.77 0.75 0.00	10.81 0.64 0.00	12.00 0.72 0.00	17.25 1.03 0.00	19.85 1.19 0.00	20.94 1.24 0.00	21.49 1.27 0.00	25.61 1.48 0.00	30.02 1.69 0.00	30.06 1.69 0.00	25.25 1.51 0.00	24.74 1.63 0.00	24.84 1.69 0.00	26.21 1.83 0.00	26.05 1.95 0.00	27.07 2.02 0.00	26.88 1.98 0.00	25.80 1.86 0.00	28.74 1.93 0.00	22.55 1.33 0.00	19.48 0.98 0.00
GOWANUS_GT3_8 24129	19.92 1.19 0.00	18.80 1.11 0.00	16.00 0.93 0.00	12.77 0.75 0.00	10.81 0.64 0.00	12.00 0.72 0.00	17.25 1.03 0.00	19.85 1.19 0.00	20.94 1.24 0.00	21.49 1.27 0.00	25.61 1.48 0.00	30.02 1.69 0.00	30.06 1.69 0.00	25.25 1.51 0.00	24.74 1.63 0.00	24.84 1.69 0.00	26.21 1.83 0.00	26.05 1.95 0.00	27.07 2.02 0.00	26.88 1.98 0.00	25.80 1.86 0.00	28.74 1.93 0.00	22.55 1.33 0.00	19.48 0.98 0.00
GOWANUS_GT4_1 24130	19.90 1.17 0.00	18.78 1.10 0.00	15.99 0.92 0.00	12.76 0.74 0.00	10.80 0.63 0.00	11.99 0.71 0.00	17.24 1.03 0.00	19.83 1.17 0.00	20.93 1.22 0.00	21.48 1.25 0.00	25.60 1.47 0.00	30.00 1.67 0.00	30.04 1.67 0.00	25.23 1.49 0.00	24.72 1.61 0.00	24.82 1.68 0.00	26.20 1.82 0.00	26.03 1.94 0.00	27.04 2.00 0.00	26.87 1.96 0.00	25.78 1.84 0.00	28.72 1.91 0.00	22.53 1.31 0.00	19.48 0.97 0.00
GOWANUS_GT4_2 24131	19.90 1.17 0.00	18.78 1.10 0.00	15.99 0.92 0.00	12.76 0.74 0.00	10.80 0.63 0.00	11.99 0.71 0.00	17.24 1.03 0.00	19.83 1.17 0.00	20.93 1.22 0.00	21.48 1.25 0.00	25.60 1.47 0.00	30.00 1.67 0.00	30.04 1.67 0.00	25.23 1.49 0.00	24.72 1.61 0.00	24.82 1.68 0.00	26.20 1.82 0.00	26.03 1.94 0.00	27.04 2.00 0.00	26.87 1.96 0.00	25.78 1.84 0.00	28.72 1.91 0.00	22.53 1.31 0.00	19.48 0.97 0.00
GOWANUS_GT4_3 24132	19.90 1.17 0.00	18.78 1.10 0.00	15.99 0.92 0.00	12.76 0.74 0.00	10.80 0.63 0.00	11.99 0.71 0.00	17.24 1.03 0.00	19.83 1.17 0.00	20.93 1.22 0.00	21.48 1.25 0.00	25.60 1.47 0.00	30.00 1.67 0.00	30.04 1.67 0.00	25.23 1.49 0.00	24.72 1.61 0.00	24.82 1.68 0.00	26.20 1.82 0.00	26.03 1.94 0.00	27.04 2.00 0.00	26.87 1.96 0.00	25.78 1.84 0.00	28.72 1.91 0.00	22.53 1.31 0.00	19.48 0.97 0.00

GOWANUS_GT4_4 24133	19.90 1.17 0.00	18.78 1.10 0.00	15.99 0.92 0.00	12.76 0.74 0.00	10.80 0.63 0.00	11.99 0.71 0.00	17.24 1.03 0.00	19.83 1.17 0.00	20.93 1.22 0.00	21.48 1.25 0.00	25.60 1.47 0.00	30.00 1.67 0.00	30.04 1.67 0.00	25.23 1.49 0.00	24.72 1.61 0.00	24.82 1.68 0.00	26.20 1.82 0.00	26.03 1.94 0.00	27.04 2.00 0.00	26.87 1.96 0.00	25.78 1.84 0.00	28.72 1.91 0.00	22.53 1.31 0.00	19.48 0.97 0.00
GOWANUS_GT4_5 24134	19.90 1.17 0.00	18.78 1.10 0.00	15.99 0.92 0.00	12.76 0.74 0.00	10.80 0.63 0.00	11.99 0.71 0.00	17.24 1.03 0.00	19.83 1.17 0.00	20.93 1.22 0.00	21.48 1.25 0.00	25.60 1.47 0.00	30.00 1.67 0.00	30.04 1.67 0.00	25.23 1.49 0.00	24.72 1.61 0.00	24.82 1.68 0.00	26.20 1.82 0.00	26.03 1.94 0.00	27.04 2.00 0.00	26.87 1.96 0.00	25.78 1.84 0.00	28.72 1.91 0.00	22.53 1.31 0.00	19.48 0.97 0.00
GOWANUS_GT4_6 24135	19.90 1.17 0.00	18.78 1.10 0.00	15.99 0.92 0.00	12.76 0.74 0.00	10.80 0.63 0.00	11.99 0.71 0.00	17.24 1.03 0.00	19.83 1.17 0.00	20.93 1.22 0.00	21.48 1.25 0.00	25.60 1.47 0.00	30.00 1.67 0.00	30.04 1.67 0.00	25.23 1.49 0.00	24.72 1.61 0.00	24.82 1.68 0.00	26.20 1.82 0.00	26.03 1.94 0.00	27.04 2.00 0.00	26.87 1.96 0.00	25.78 1.84 0.00	28.72 1.91 0.00	22.53 1.31 0.00	19.48 0.97 0.00
GOWANUS_GT4_7 24136	19.90 1.17 0.00	18.78 1.10 0.00	15.99 0.92 0.00	12.76 0.74 0.00	10.80 0.63 0.00	11.99 0.71 0.00	17.24 1.03 0.00	19.83 1.17 0.00	20.93 1.22 0.00	21.48 1.25 0.00	25.60 1.47 0.00	30.00 1.67 0.00	30.04 1.67 0.00	25.23 1.49 0.00	24.72 1.61 0.00	24.82 1.68 0.00	26.20 1.82 0.00	26.03 1.94 0.00	27.04 2.00 0.00	26.87 1.96 0.00	25.78 1.84 0.00	28.72 1.91 0.00	22.53 1.31 0.00	19.48 0.97 0.00
GOWANUS_GT4_8 24137	19.90 1.17 0.00	18.78 1.10 0.00	15.99 0.92 0.00	12.76 0.74 0.00	10.80 0.63 0.00	11.99 0.71 0.00	17.24 1.03 0.00	19.83 1.17 0.00	20.93 1.22 0.00	21.48 1.25 0.00	25.60 1.47 0.00	30.00 1.67 0.00	30.04 1.67 0.00	25.23 1.49 0.00	24.72 1.61 0.00	24.82 1.68 0.00	26.20 1.82 0.00	26.03 1.94 0.00	27.04 2.00 0.00	26.87 1.96 0.00	25.78 1.84 0.00	28.72 1.91 0.00	22.53 1.31 0.00	19.48 0.97 0.00
GREENBSH_115KV_TB3 55895	18.93 0.20 0.00	17.94 0.26 0.00	15.35 0.27 0.00	12.25 0.23 0.00	10.36 0.19 0.00	11.51 0.23 0.00	16.50 0.28 0.00	18.90 0.24 0.00	19.93 0.22 0.00	20.48 0.25 0.00	24.35 0.22 0.00	28.56 0.22 0.00	28.59 0.22 0.00	24.00 0.26 0.00	23.44 0.33 0.00	23.49 0.34 0.00	24.75 0.37 0.00	24.59 0.50 0.00	25.49 0.44 0.00	25.32 0.42 0.00	24.25 0.32 0.00	27.07 0.26 0.00	21.30 0.08 0.00	18.51 0.01 0.00
GREENDGE_115KV_TB5 80291	18.44 -0.29 0.00	17.24 -0.45 0.00	14.66 -0.41 0.00	11.67 -0.35 0.00	9.88 -0.29 0.00	10.97 -0.31 0.00	15.96 -0.26 0.00	18.37 -0.29 0.00	19.48 -0.22 0.00	19.94 -0.29 0.00	23.75 -0.38 0.00	27.88 -0.45 0.00	27.91 -0.47 0.00	23.29 -0.45 0.00	22.71 -0.40 0.00	22.89 -0.25 0.00	24.10 -0.28 0.00	23.72 -0.37 0.00	24.80 -0.24 0.00	24.84 -0.07 0.00	23.91 -0.03 0.00	26.82 0.02 0.00	21.18 -0.05 0.00	18.57 0.06 0.00
GREENIDGE___3 23582	18.44 -0.29 0.00	17.24 -0.45 0.00	14.66 -0.41 0.00	11.67 -0.35 0.00	9.88 -0.29 0.00	10.97 -0.31 0.00	15.96 -0.26 0.00	18.37 -0.29 0.00	19.48 -0.22 0.00	19.94 -0.29 0.00	23.75 -0.38 0.00	27.88 -0.45 0.00	27.91 -0.47 0.00	23.29 -0.45 0.00	22.71 -0.40 0.00	22.89 -0.25 0.00	24.10 -0.28 0.00	23.72 -0.37 0.00	24.80 -0.24 0.00	24.84 -0.07 0.00	23.91 -0.03 0.00	26.82 0.02 0.00	21.18 -0.05 0.00	18.57 0.06 0.00
GREENIDGE___4 23583	18.44 -0.29 0.00	17.24 -0.45 0.00	14.66 -0.41 0.00	11.67 -0.35 0.00	9.88 -0.29 0.00	10.97 -0.31 0.00	15.96 -0.26 0.00	18.37 -0.29 0.00	19.48 -0.22 0.00	19.94 -0.28 0.00	23.75 -0.38 0.00	27.89 -0.45 0.00	27.90 -0.47 0.00	23.29 -0.45 0.00	22.71 -0.40 0.00	22.89 -0.25 0.00	24.10 -0.28 0.00	23.73 -0.37 0.00	24.80 -0.24 0.00	24.84 -0.07 0.00	23.91 -0.02 0.00	26.82 0.01 0.00	21.17 -0.05 0.00	18.57 0.06 0.00
GREENLWN_69_KV_BK 3 55738	20.04 1.31 0.00	18.92 1.24 0.00	16.09 1.02 0.00	12.83 0.82 0.00	10.86 0.69 0.00	12.05 0.78 0.00	17.38 1.16 0.00	19.94 1.28 0.00	21.09 1.39 0.00	21.70 1.48 0.00	36.60 1.74 -10.73	30.30 1.96 0.00	30.34 1.96 0.00	25.44 1.70 0.00	24.84 1.72 0.00	24.82 1.68 0.00	26.27 1.89 0.00	26.04 1.95 0.00	27.08 2.04 0.00	26.94 2.03 0.00	25.81 1.88 0.00	28.73 1.93 0.00	23.67 1.43 -1.02	19.59 1.09 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	19.92 1.19 0.00	18.80 1.11 0.00	16.00 0.93 0.00	12.77 0.75 0.00	10.81 0.64 0.00	12.00 0.72 0.00	17.25 1.03 0.00	19.85 1.18 0.00	20.94 1.24 0.00	21.49 1.27 0.00	25.62 1.48 0.00	30.02 1.69 0.00	30.06 1.69 0.00	25.25 1.51 0.00	24.74 1.63 0.00	24.84 1.69 0.00	26.21 1.84 0.00	26.05 1.96 0.00	27.07 2.02 0.00	26.88 1.98 0.00	25.80 1.87 0.00	28.74 1.93 0.00	22.55 1.32 0.00	19.48 0.98 0.00
GRISSOM___SOLAR 323813	20.44 1.71 0.00	19.20 1.52 0.00	16.32 1.25 0.00	13.05 1.02 0.00	11.04 0.88 0.00	12.26 0.98 0.00	17.69 1.47 0.00	20.48 1.82 0.00	21.74 2.04 0.00	22.34 2.11 0.00	26.68 2.54 0.00	31.41 3.08 0.00	31.48 3.11 0.00	26.25 2.52 0.00	25.60 2.48 0.00	25.74 2.60 0.00	27.30 2.92 0.00	26.98 2.89 0.00	27.93 2.88 0.00	27.75 2.84 0.00	26.64 2.71 0.00	29.73 2.92 0.00	23.42 2.19 0.00	20.35 1.85 0.00
GROVEVILLE___HYD 323602	19.82 1.09 0.00	18.71 1.02 0.00	15.93 0.85 0.00	12.71 0.69 0.00	10.76 0.59 0.00	11.95 0.67 0.00	17.18 0.96 0.00	19.79 1.13 0.00	20.88 1.17 0.00	21.43 1.21 0.00	25.53 1.40 0.00	29.95 1.62 0.00	29.97 1.59 0.00	25.17 1.43 0.00	24.65 1.53 0.00	24.73 1.59 0.00	26.10 1.72 0.00	25.94 1.85 0.00	26.92 1.88 0.00	26.73 1.83 0.00	25.63 1.69 0.00	28.55 1.75 0.00	22.42 1.20 0.00	19.38 0.88 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	18.66 -0.07 0.00	17.59 -0.10 0.00	14.97 -0.10 0.00	11.94 -0.08 0.00	10.11 -0.05 0.00	11.22 -0.06 0.00	16.20 -0.02 0.00	18.63 -0.03 0.00	19.71 0.00 0.00	20.19 -0.03 0.00	24.12 -0.01 0.00	28.29 -0.04 0.00	28.36 -0.01 0.00	23.70 -0.04 0.00	23.07 -0.05 0.00	23.18 0.04 0.00	24.47 0.09 0.00	24.17 0.07 0.00	25.09 0.04 0.00	24.98 0.07 0.00	23.97 0.03 0.00	26.86 0.05 0.00	21.29 0.07 0.00	18.60 0.10 0.00
HAMLTNNY_34_KV_TB 80303	18.76 0.03 0.00	17.67 -0.01 0.00	15.03 -0.04 0.00	11.98 -0.04 0.00	10.16 -0.01 0.00	11.28 0.00 0.00	16.30 0.08 0.00	18.74 0.08 0.00	19.86 0.16 0.00	20.32 0.10 0.00	24.30 0.16 0.00	28.48 0.14 0.00	28.57 0.20 0.00	23.87 0.13 0.00	23.23 0.12 0.00	23.38 0.23 0.00	24.69 0.31 0.00	24.36 0.27 0.00	25.30 0.25 0.00	25.21 0.30 0.00	24.17 0.23 0.00	27.12 0.31 0.00	21.47 0.24 0.00	18.77 0.26 0.00

HAMPSHIRE___PAPER_HYD 323593	18.06 -0.67 0.00	17.02 -0.67 0.00	14.45 -0.62 0.00	11.52 -0.50 0.00	11.61 -0.40 -1.85	12.88 -0.56 -2.16	17.61 -0.85 -2.24	17.84 -0.82 0.00	18.88 -0.82 0.00	19.41 -0.81 0.00	23.23 -0.91 0.00	27.32 -1.02 0.00	27.40 -0.98 0.00	22.92 -0.82 0.00	22.32 -0.79 0.00	22.22 -0.92 0.00	27.74 -0.99 -4.35	27.66 -1.11 -4.68	28.74 -1.08 -4.78	26.24 -1.04 -2.38	26.07 -0.98 -3.12	27.10 -0.99 -1.28	20.60 -0.62 0.00	18.40 -0.45 -0.34
HARDSCRABBLE_WT_PWR 323673	18.38 -0.34 0.00	17.42 -0.26 0.00	14.87 -0.20 0.00	11.87 -0.15 0.00	10.04 -0.13 0.00	11.17 -0.11 0.00	15.99 -0.23 0.00	18.36 -0.30 0.00	19.34 -0.36 0.00	19.88 -0.34 0.00	23.67 -0.46 0.00	27.93 -0.41 0.00	27.94 -0.44 0.00	23.43 -0.31 0.00	22.91 -0.20 0.00	22.96 -0.18 0.00	24.18 -0.20 0.00	24.09 0.00 0.00	25.00 -0.05 0.00	24.79 -0.12 0.00	23.73 -0.20 0.00	26.41 -0.39 0.00	20.74 -0.48 0.00	18.08 -0.42 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	19.69 0.96 0.00	18.58 0.90 0.00	15.81 0.74 0.00	12.62 0.60 0.00	10.68 0.52 0.00	11.86 0.58 0.00	17.06 0.84 0.00	19.64 0.98 0.00	20.73 1.02 0.00	21.26 1.04 0.00	25.33 1.20 0.00	29.72 1.39 0.00	29.74 1.37 0.00	24.97 1.24 0.00	24.46 1.35 0.00	24.54 1.40 0.00	25.90 1.53 0.00	25.73 1.64 0.00	26.72 1.67 0.00	26.55 1.64 0.00	25.46 1.53 0.00	28.38 1.58 0.00	22.28 1.06 0.00	19.27 0.76 0.00
HARSNRAD_115KV_TB1 81005	17.49 -1.24 0.00	16.36 -1.33 0.00	13.94 -1.13 0.00	11.08 -0.94 0.00	9.37 -0.80 0.00	10.37 -0.91 0.00	15.22 -1.00 0.00	17.37 -1.29 0.00	18.53 -1.18 0.00	18.78 -1.45 0.00	22.28 -1.85 0.00	26.07 -2.27 0.00	26.21 -2.17 0.00	21.83 -1.91 0.00	21.27 -1.85 0.00	21.61 -1.53 0.00	22.62 -1.76 0.00	22.29 -1.80 0.00	23.06 -1.99 0.00	23.06 -1.84 0.00	22.37 -1.56 0.00	25.27 -1.53 0.00	20.16 -1.06 0.00	17.89 -0.61 0.00
HARZA MOOSE___RIVER 24016	18.35 -0.38 0.00	17.31 -0.37 0.00	14.72 -0.35 0.00	11.75 -0.27 0.00	10.51 -0.18 -0.53	11.65 -0.24 -0.62	16.49 -0.37 -0.64	18.35 -0.32 0.00	19.38 -0.33 0.00	19.89 -0.33 0.00	23.74 -0.39 0.00	27.85 -0.48 0.00	27.93 -0.45 0.00	23.40 -0.34 0.00	22.87 -0.24 0.00	22.90 -0.23 0.00	25.37 -0.25 -1.25	25.18 -0.25 -1.34	26.12 -0.30 -1.37	25.34 -0.25 -0.68	24.57 -0.26 -0.90	26.93 -0.25 -0.37	21.06 -0.17 0.00	18.43 -0.17 -0.10
HDSNBRDG_115KV_BRDG_TB1 355580	18.43 -0.30 0.00	17.38 -0.31 0.00	14.81 -0.26 0.00	11.81 -0.21 0.00	9.99 -0.18 0.00	11.09 -0.19 0.00	15.99 -0.23 0.00	18.38 -0.28 0.00	19.41 -0.30 0.00	19.90 -0.32 0.00	23.74 -0.39 0.00	27.89 -0.45 0.00	27.92 -0.46 0.00	23.33 -0.41 0.00	22.70 -0.42 0.00	22.80 -0.34 0.00	24.04 -0.34 0.00	23.78 -0.32 0.00	24.66 -0.37 0.00	24.54 -0.37 0.00	23.58 -0.36 0.00	26.40 -0.41 0.00	20.95 -0.28 0.00	18.30 -0.20 0.00
HELLGATE_13_KV_LD 55870	19.89 1.16 0.00	18.78 1.09 0.00	15.98 0.91 0.00	12.76 0.74 0.00	10.79 0.63 0.00	11.99 0.71 0.00	17.24 1.02 0.00	19.83 1.17 0.00	20.92 1.21 0.00	21.46 1.24 0.00	25.58 1.44 0.00	29.99 1.66 0.00	30.03 1.66 0.00	25.22 1.48 0.00	24.72 1.60 0.00	24.80 1.67 0.00	26.18 1.80 0.00	26.01 1.91 0.00	27.02 1.97 0.00	26.83 1.92 0.00	25.74 1.81 0.00	28.67 1.86 0.00	22.52 1.29 0.00	19.46 0.96 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	19.89 1.16 0.00	18.78 1.09 0.00	15.98 0.91 0.00	12.76 0.74 0.00	10.79 0.63 0.00	11.99 0.71 0.00	17.24 1.02 0.00	19.83 1.17 0.00	20.92 1.21 0.00	21.46 1.24 0.00	25.58 1.44 0.00	29.99 1.66 0.00	30.03 1.66 0.00	25.22 1.48 0.00	24.72 1.60 0.00	24.80 1.67 0.00	26.18 1.80 0.00	26.01 1.91 0.00	27.02 1.97 0.00	26.83 1.92 0.00	25.74 1.81 0.00	28.67 1.86 0.00	22.52 1.29 0.00	19.46 0.96 0.00
HEMPSTEAD____ 23647	20.01 1.28 0.00	18.88 1.19 0.00	16.05 0.98 0.00	12.81 0.78 0.00	10.83 0.66 0.00	12.03 0.75 0.00	17.33 1.12 0.00	19.93 1.26 0.00	21.07 1.37 0.00	21.67 1.45 0.00	36.57 1.70 -10.73	30.25 1.91 0.00	30.29 1.91 0.00	25.42 1.68 0.00	24.87 1.76 0.00	24.89 1.75 0.00	26.33 1.95 0.00	26.11 2.02 0.00	27.14 2.10 0.00	27.01 2.10 0.00	25.89 1.95 0.00	28.81 2.00 0.00	23.68 1.44 -1.02	19.57 1.07 0.00
HEWLETT__69_KV_BK3 55828	20.11 1.38 0.00	18.98 1.29 0.00	16.13 1.06 0.00	12.87 0.85 0.00	10.89 0.72 0.00	12.09 0.81 0.00	17.43 1.21 0.00	20.03 1.37 0.00	21.18 1.48 0.00	21.77 1.55 0.00	36.73 1.86 -10.73	30.40 2.06 0.00	30.45 2.07 0.00	25.56 1.82 0.00	25.02 1.90 0.00	25.08 1.94 0.00	26.45 2.07 0.00	26.28 2.19 0.00	27.36 2.31 0.00	27.20 2.30 0.00	26.07 2.13 0.00	29.01 2.20 0.00	23.84 1.59 -1.02	19.69 1.19 0.00
HICKLING___1 23621	18.20 -0.54 0.00	17.09 -0.59 0.00	14.53 -0.54 0.00	11.58 -0.45 0.00	9.79 -0.37 0.00	10.88 -0.40 0.00	15.81 -0.41 0.00	18.23 -0.43 0.00	19.31 -0.40 0.00	19.77 -0.46 0.00	23.50 -0.63 0.00	27.61 -0.73 0.00	27.54 -0.83 0.00	23.00 -0.74 0.00	22.48 -0.63 0.00	22.66 -0.48 0.00	23.86 -0.52 0.00	23.68 -0.41 0.00	24.70 -0.35 0.00	24.69 -0.22 0.00	23.83 -0.10 0.00	26.81 0.01 0.00	21.09 -0.13 0.00	18.47 -0.03 0.00
HICKLING___2 23622	18.20 -0.54 0.00	17.09 -0.59 0.00	14.53 -0.54 0.00	11.58 -0.45 0.00	9.79 -0.37 0.00	10.88 -0.40 0.00	15.81 -0.41 0.00	18.23 -0.43 0.00	19.31 -0.40 0.00	19.77 -0.46 0.00	23.50 -0.63 0.00	27.61 -0.73 0.00	27.54 -0.83 0.00	23.00 -0.74 0.00	22.48 -0.63 0.00	22.66 -0.48 0.00	23.86 -0.52 0.00	23.68 -0.41 0.00	24.70 -0.35 0.00	24.69 -0.22 0.00	23.83 -0.10 0.00	26.81 0.01 0.00	21.09 -0.13 0.00	18.47 -0.03 0.00
HIGH FALLS___HY 23754	19.93 1.20 0.00	18.80 1.12 0.00	15.99 0.92 0.00	12.76 0.74 0.00	10.80 0.64 0.00	11.99 0.71 0.00	17.25 1.04 0.00	19.90 1.24 0.00	21.01 1.31 0.00	21.57 1.35 0.00	25.73 1.60 0.00	30.19 1.85 0.00	30.19 1.82 0.00	25.35 1.61 0.00	24.83 1.71 0.00	24.92 1.78 0.00	26.31 1.94 0.00	26.13 2.04 0.00	27.14 2.09 0.00	26.94 2.04 0.00	25.85 1.91 0.00	28.79 1.99 0.00	22.61 1.38 0.00	19.53 1.03 0.00
HILLBURN___GT 23639	19.67 0.94 0.00	18.57 0.88 0.00	15.80 0.73 0.00	12.61 0.58 0.00	10.68 0.51 0.00	11.86 0.58 0.00	17.05 0.83 0.00	19.62 0.96 0.00	20.70 0.99 0.00	21.22 1.00 0.00	25.28 1.15 0.00	29.66 1.32 0.00	29.65 1.28 0.00	24.90 1.16 0.00	24.40 1.28 0.00	24.48 1.34 0.00	25.83 1.45 0.00	25.67 1.57 0.00	26.66 1.61 0.00	26.50 1.60 0.00	25.43 1.49 0.00	28.35 1.55 0.00	22.26 1.03 0.00	19.24 0.74 0.00
HILLSIDE_115KV_TB1 80332	18.14 -0.59 0.00	17.05 -0.63 0.00	14.50 -0.57 0.00	11.56 -0.46 0.00	9.78 -0.38 0.00	10.87 -0.41 0.00	15.76 -0.46 0.00	18.17 -0.49 0.00	19.22 -0.49 0.00	19.68 -0.55 0.00	23.39 -0.75 0.00	27.48 -0.86 0.00	27.38 -1.00 0.00	22.89 -0.85 0.00	22.39 -0.73 0.00	22.54 -0.60 0.00	23.72 -0.66 0.00	23.53 -0.56 0.00	24.54 -0.51 0.00	24.51 -0.39 0.00	23.63 -0.31 0.00	26.55 -0.26 0.00	20.86 -0.36 0.00	18.24 -0.27 0.00

HISHELDN_WT_PWR 323625	17.39 -1.33 0.00	16.28 -1.41 0.00	13.88 -1.19 0.00	11.01 -1.01 0.00	9.31 -0.85 0.00	10.33 -0.95 0.00	15.14 -1.08 0.00	17.34 -1.32 0.00	18.50 -1.20 0.00	18.78 -1.45 0.00	22.30 -1.83 0.00	26.14 -2.19 0.00	26.17 -2.20 0.00	21.83 -1.91 0.00	21.29 -1.82 0.00	21.64 -1.50 0.00	22.71 -1.67 0.00	22.48 -1.61 0.00	23.38 -1.67 0.00	23.45 -1.46 0.00	22.77 -1.17 0.00	25.75 -1.06 0.00	20.47 -0.76 0.00	18.13 -0.37 0.00
HOLTSVILLE_IC_1 23690	20.19 1.46 0.00	19.05 1.36 0.00	16.18 1.11 0.00	12.91 0.89 0.00	10.92 0.75 0.00	12.12 0.85 0.00	17.49 1.27 0.00	20.09 1.43 0.00	21.28 1.57 0.00	21.89 1.66 0.00	36.73 1.87 -10.73	30.36 2.03 0.00	30.40 2.03 0.00	25.49 1.75 0.00	24.93 1.82 0.00	24.95 1.81 0.00	26.55 2.18 0.00	26.25 2.15 0.00	27.33 2.28 0.00	27.28 2.38 0.00	26.02 2.09 0.00	28.94 2.14 0.00	23.88 1.64 -1.02	19.79 1.29 0.00
HOLTSVILLE_IC_10 23699	20.27 1.54 0.00	19.12 1.43 0.00	16.24 1.17 0.00	12.95 0.93 0.00	10.96 0.79 0.00	12.16 0.89 0.00	17.56 1.34 0.00	20.17 1.51 0.00	21.38 1.67 0.00	21.98 1.76 0.00	36.83 1.97 -10.73	30.49 2.15 0.00	30.53 2.16 0.00	25.59 1.85 0.00	25.03 1.92 0.00	25.06 1.92 0.00	26.71 2.33 0.00	26.39 2.30 0.00	27.48 2.44 0.00	27.45 2.54 0.00	26.15 2.22 0.00	29.07 2.27 0.00	23.99 1.74 -1.02	19.88 1.37 0.00
HOLTSVILLE_IC_2 23691	20.19 1.46 0.00	19.05 1.36 0.00	16.18 1.11 0.00	12.91 0.89 0.00	10.92 0.75 0.00	12.12 0.85 0.00	17.49 1.27 0.00	20.09 1.43 0.00	21.28 1.57 0.00	21.89 1.66 0.00	36.73 1.87 -10.73	30.36 2.03 0.00	30.40 2.03 0.00	25.49 1.75 0.00	24.93 1.82 0.00	24.95 1.81 0.00	26.55 2.18 0.00	26.25 2.15 0.00	27.33 2.28 0.00	27.28 2.38 0.00	26.02 2.09 0.00	28.94 2.14 0.00	23.88 1.64 -1.02	19.79 1.29 0.00
HOLTSVILLE_IC_3 23692	20.19 1.46 0.00	19.05 1.36 0.00	16.18 1.11 0.00	12.91 0.89 0.00	10.92 0.75 0.00	12.12 0.85 0.00	17.49 1.27 0.00	20.09 1.43 0.00	21.28 1.57 0.00	21.89 1.66 0.00	36.73 1.87 -10.73	30.36 2.03 0.00	30.40 2.03 0.00	25.49 1.75 0.00	24.93 1.82 0.00	24.95 1.81 0.00	26.55 2.18 0.00	26.25 2.15 0.00	27.33 2.28 0.00	27.28 2.38 0.00	26.02 2.09 0.00	28.94 2.14 0.00	23.88 1.64 -1.02	19.79 1.29 0.00
HOLTSVILLE_IC_4 23693	20.19 1.46 0.00	19.05 1.36 0.00	16.18 1.11 0.00	12.91 0.89 0.00	10.92 0.75 0.00	12.12 0.85 0.00	17.49 1.27 0.00	20.09 1.43 0.00	21.28 1.57 0.00	21.89 1.66 0.00	36.73 1.87 -10.73	30.36 2.03 0.00	30.40 2.03 0.00	25.49 1.75 0.00	24.93 1.82 0.00	24.95 1.81 0.00	26.55 2.18 0.00	26.25 2.15 0.00	27.33 2.28 0.00	27.28 2.38 0.00	26.02 2.09 0.00	28.94 2.14 0.00	23.88 1.64 -1.02	19.79 1.29 0.00
HOLTSVILLE_IC_5 23694	20.19 1.46 0.00	19.05 1.36 0.00	16.18 1.11 0.00	12.91 0.89 0.00	10.92 0.75 0.00	12.12 0.85 0.00	17.49 1.27 0.00	20.09 1.43 0.00	21.28 1.57 0.00	21.89 1.66 0.00	36.73 1.87 -10.73	30.36 2.03 0.00	30.40 2.03 0.00	25.49 1.75 0.00	24.93 1.82 0.00	24.95 1.81 0.00	26.55 2.18 0.00	26.25 2.15 0.00	27.33 2.28 0.00	27.28 2.38 0.00	26.02 2.09 0.00	28.94 2.14 0.00	23.88 1.64 -1.02	19.79 1.29 0.00
HOLTSVILLE_IC_6 23695	20.27 1.54 0.00	19.12 1.43 0.00	16.24 1.17 0.00	12.95 0.93 0.00	10.96 0.79 0.00	12.16 0.89 0.00	17.56 1.34 0.00	20.17 1.51 0.00	21.38 1.67 0.00	21.98 1.76 0.00	36.83 1.97 -10.73	30.49 2.15 0.00	30.53 2.16 0.00	25.59 1.85 0.00	25.03 1.92 0.00	25.06 1.92 0.00	26.71 2.33 0.00	26.39 2.30 0.00	27.48 2.44 0.00	27.45 2.54 0.00	26.15 2.22 0.00	29.07 2.27 0.00	23.99 1.74 -1.02	19.88 1.37 0.00
HOLTSVILLE_IC_7 23696	20.27 1.54 0.00	19.12 1.43 0.00	16.24 1.17 0.00	12.95 0.93 0.00	10.96 0.79 0.00	12.16 0.89 0.00	17.56 1.34 0.00	20.17 1.51 0.00	21.38 1.67 0.00	21.98 1.76 0.00	36.83 1.97 -10.73	30.49 2.15 0.00	30.53 2.16 0.00	25.59 1.85 0.00	25.03 1.92 0.00	25.06 1.92 0.00	26.71 2.33 0.00	26.39 2.30 0.00	27.48 2.44 0.00	27.45 2.54 0.00	26.15 2.22 0.00	29.07 2.27 0.00	23.99 1.74 -1.02	19.88 1.37 0.00
HOLTSVILLE_IC_8 23697	20.27 1.54 0.00	19.12 1.43 0.00	16.24 1.17 0.00	12.95 0.93 0.00	10.96 0.79 0.00	12.16 0.89 0.00	17.56 1.34 0.00	20.17 1.51 0.00	21.38 1.67 0.00	21.98 1.76 0.00	36.83 1.97 -10.73	30.49 2.15 0.00	30.53 2.16 0.00	25.59 1.85 0.00	25.03 1.92 0.00	25.06 1.92 0.00	26.71 2.33 0.00	26.39 2.30 0.00	27.48 2.44 0.00	27.45 2.54 0.00	26.15 2.22 0.00	29.07 2.27 0.00	23.99 1.74 -1.02	19.88 1.37 0.00
HOLTSVILLE_IC_9 23698	20.27 1.54 0.00	19.12 1.43 0.00	16.24 1.17 0.00	12.95 0.93 0.00	10.96 0.79 0.00	12.16 0.89 0.00	17.56 1.34 0.00	20.17 1.51 0.00	21.38 1.67 0.00	21.98 1.76 0.00	36.83 1.97 -10.73	30.49 2.15 0.00	30.53 2.16 0.00	25.59 1.85 0.00	25.03 1.92 0.00	25.06 1.92 0.00	26.71 2.33 0.00	26.39 2.30 0.00	27.48 2.44 0.00	27.45 2.54 0.00	26.15 2.22 0.00	29.07 2.27 0.00	23.99 1.74 -1.02	19.88 1.37 0.00
HOMER_HL_115KV_TB2 355744	18.58 -0.15 0.00	17.42 -0.27 0.00	14.82 -0.25 0.00	11.81 -0.21 0.00	10.00 -0.17 0.00	11.10 -0.18 0.00	16.26 0.04 0.00	18.65 -0.01 0.00	19.86 0.15 0.00	20.20 -0.03 0.00	23.92 -0.22 0.00	27.96 -0.37 0.00	27.84 -0.54 0.00	23.14 -0.60 0.00	22.63 -0.48 0.00	22.89 -0.25 0.00	24.00 -0.38 0.00	23.84 -0.25 0.00	24.77 -0.28 0.00	24.80 -0.11 0.00	24.03 0.09 0.00	27.14 0.34 0.00	21.52 0.30 0.00	18.92 0.42 0.00
HOWARD_WT_PWR 323690	17.05 -1.68 0.00	15.90 -1.79 0.00	13.48 -1.59 0.00	10.68 -1.34 0.00	9.01 -1.15 0.00	10.03 -1.25 0.00	14.71 -1.51 0.00	16.88 -1.78 0.00	18.05 -1.66 0.00	18.55 -1.67 0.00	22.10 -2.03 0.00	26.02 -2.32 0.00	26.00 -2.37 0.00	21.53 -2.21 0.00	20.95 -2.17 0.00	21.12 -2.02 0.00	22.32 -2.06 0.00	22.35 -1.74 0.00	23.49 -1.55 0.00	23.64 -1.27 0.00	23.12 -0.82 0.00	26.16 -0.64 0.00	20.69 -0.54 0.00	18.35 -0.15 0.00
HQ_GEN_CEDARS 23644	18.90 0.16 0.00	17.81 0.12 0.00	15.14 0.06 0.00	12.07 0.04 0.00	10.97 0.02 -0.78	12.17 -0.03 -0.91	17.12 -0.04 -0.94	18.69 0.03 0.00	19.80 0.09 0.00	20.37 0.14 0.00	24.38 0.25 0.00	28.65 0.32 0.00	28.72 0.35 0.00	23.98 0.24 0.00	23.25 0.14 0.00	22.97 -0.17 0.00	26.18 -0.03 -1.84	25.78 -0.28 -1.98	26.98 -0.08 -2.02	25.84 -0.08 -1.01	25.25 0.00 -1.32	27.45 0.11 -0.54	21.43 0.21 0.00	18.94 0.29 -0.14
HQ_GEN_CEDARS_PROXY 323590	18.89 0.16 0.00	17.81 0.12 0.00	15.14 0.06 0.00	12.07 0.04 0.00	10.97 0.02 -0.78	12.17 -0.03 -0.91	17.12 -0.04 -0.94	18.75 0.03 -0.06	19.80 0.09 0.00	20.37 0.14 0.00	24.38 0.25 0.00	28.79 0.32 -0.14	28.72 0.35 0.00	23.98 0.24 0.00	23.25 0.14 0.00	22.97 -0.17 0.00	30.00 -0.03 -5.65	25.78 -0.29 -1.98	26.98 -0.08 -2.02	25.84 -0.08 -1.01	25.25 0.00 -1.32	27.45 0.11 -0.54	21.44 0.21 0.00	18.53 0.29 0.26

HQ_GEN_IMPORT 323601	18.77 0.04 0.00	17.71 0.02 0.00	15.07 0.00 0.00	12.02 0.00 0.00	10.16 -0.01 0.00	11.25 -0.02 0.00	16.19 -0.03 0.00	18.66 0.00 0.00	19.73 0.03 0.00	20.27 0.05 0.00	24.23 0.10 0.00	28.45 0.11 0.00	28.51 0.13 0.00	23.82 0.08 0.00	23.14 0.03 0.00	23.09 -0.05 0.00	24.31 -0.06 0.00	23.93 -0.16 0.00	24.95 -0.09 0.00	24.82 -0.08 0.00	23.89 -0.05 0.00	26.83 0.02 0.00	21.30 0.07 0.00	18.60 0.09 0.00
HQ_GEN_WHEEL 23651	18.77 0.04 0.00	17.71 0.02 0.00	15.07 0.00 0.00	12.02 0.00 0.00	10.16 -0.01 0.00	11.25 -0.02 0.00	16.19 -0.03 0.00	18.66 0.00 0.00	19.73 0.03 0.00	20.27 0.05 0.00	24.23 0.10 0.00	28.45 0.11 0.00	28.51 0.13 0.00	23.82 0.08 0.00	23.14 0.03 0.00	23.09 -0.05 0.00	24.31 -0.06 0.00	23.93 -0.16 0.00	24.95 -0.09 0.00	24.82 -0.08 0.00	23.89 -0.05 0.00	26.83 0.02 0.00	21.30 0.07 0.00	18.60 0.09 0.00
HUDSON AVE_GT_3 23810	19.86 1.13 0.00	18.74 1.06 0.00	15.96 0.88 0.00	12.74 0.72 0.00	10.78 0.61 0.00	11.96 0.68 0.00	17.20 0.98 0.00	19.79 1.13 0.00	20.88 1.17 0.00	21.43 1.20 0.00	25.52 1.39 0.00	29.93 1.60 0.00	29.97 1.59 0.00	25.17 1.43 0.00	24.67 1.55 0.00	24.75 1.61 0.00	26.12 1.74 0.00	25.95 1.86 0.00	26.95 1.91 0.00	26.78 1.87 0.00	25.69 1.76 0.00	28.62 1.81 0.00	22.46 1.24 0.00	19.43 0.92 0.00
HUDSON AVE_GT_4 23540	19.86 1.13 0.00	18.74 1.06 0.00	15.96 0.88 0.00	12.74 0.72 0.00	10.78 0.61 0.00	11.96 0.68 0.00	17.20 0.98 0.00	19.79 1.13 0.00	20.88 1.17 0.00	21.43 1.20 0.00	25.52 1.39 0.00	29.93 1.60 0.00	29.97 1.59 0.00	25.17 1.43 0.00	24.67 1.55 0.00	24.75 1.61 0.00	26.12 1.74 0.00	25.95 1.86 0.00	26.95 1.91 0.00	26.78 1.87 0.00	25.69 1.76 0.00	28.62 1.81 0.00	22.46 1.24 0.00	19.43 0.92 0.00
HUDSON AVE_GT_5 23657	19.86 1.13 0.00	18.74 1.06 0.00	15.96 0.88 0.00	12.74 0.72 0.00	10.78 0.61 0.00	11.96 0.68 0.00	17.20 0.98 0.00	19.79 1.13 0.00	20.88 1.17 0.00	21.43 1.20 0.00	25.52 1.39 0.00	29.93 1.60 0.00	29.97 1.59 0.00	25.17 1.43 0.00	24.67 1.55 0.00	24.75 1.61 0.00	26.12 1.74 0.00	25.95 1.86 0.00	26.95 1.91 0.00	26.78 1.87 0.00	25.69 1.76 0.00	28.62 1.81 0.00	22.46 1.24 0.00	19.43 0.92 0.00
HUDSON_AVE_10 24168	19.81 1.08 0.00	18.70 1.01 0.00	15.91 0.84 0.00	12.70 0.68 0.00	10.75 0.58 0.00	11.93 0.66 0.00	17.16 0.94 0.00	19.74 1.08 0.00	20.82 1.11 0.00	21.36 1.13 0.00	25.43 1.29 0.00	29.83 1.50 0.00	29.87 1.50 0.00	25.09 1.35 0.00	24.60 1.48 0.00	24.69 1.55 0.00	26.05 1.67 0.00	25.88 1.79 0.00	26.87 1.83 0.00	26.69 1.78 0.00	25.62 1.69 0.00	28.53 1.73 0.00	22.38 1.15 0.00	19.37 0.87 0.00
HUDSON___115KV_TB 4 355613	19.27 0.54 0.00	18.24 0.56 0.00	15.60 0.52 0.00	12.45 0.42 0.00	10.52 0.36 0.00	11.70 0.42 0.00	16.79 0.57 0.00	19.26 0.60 0.00	20.35 0.65 0.00	20.93 0.70 0.00	24.89 0.76 0.00	29.17 0.83 0.00	29.24 0.87 0.00	24.51 0.77 0.00	23.95 0.83 0.00	24.02 0.87 0.00	25.34 0.97 0.00	25.19 1.10 0.00	26.09 1.05 0.00	25.91 1.01 0.00	24.78 0.85 0.00	27.62 0.82 0.00	21.71 0.48 0.00	18.84 0.34 0.00
HUNTER MOUNT___DRP 323613	19.34 0.61 0.00	18.31 0.63 0.00	15.66 0.59 0.00	12.50 0.48 0.00	10.56 0.40 0.00	11.75 0.47 0.00	16.86 0.64 0.00	19.35 0.69 0.00	20.46 0.75 0.00	21.06 0.83 0.00	25.04 0.90 0.00	29.34 1.01 0.00	29.42 1.05 0.00	24.66 0.92 0.00	24.08 0.96 0.00	24.14 1.00 0.00	25.50 1.12 0.00	25.34 1.25 0.00	26.23 1.19 0.00	26.04 1.14 0.00	24.90 0.96 0.00	27.74 0.93 0.00	21.79 0.57 0.00	18.92 0.41 0.00
HUNTINGTON_RES_REC 323705	20.11 1.38 0.00	18.98 1.29 0.00	16.13 1.06 0.00	12.87 0.85 0.00	10.89 0.72 0.00	12.08 0.81 0.00	17.43 1.21 0.00	20.01 1.34 0.00	21.19 1.48 0.00	21.80 1.58 0.00	36.68 1.82 -10.73	30.38 2.05 0.00	30.42 2.04 0.00	25.51 1.77 0.00	24.93 1.81 0.00	24.92 1.78 0.00	26.45 2.07 0.00	26.20 2.11 0.00	27.26 2.21 0.00	27.14 2.24 0.00	25.94 2.01 0.00	28.88 2.07 0.00	23.79 1.55 -1.02	19.69 1.19 0.00
HUNTLEY___63 23557	17.62 -1.11 0.00	16.48 -1.21 0.00	14.04 -1.04 0.00	11.16 -0.87 0.00	9.43 -0.74 0.00	10.45 -0.83 0.00	15.32 -0.90 0.00	17.49 -1.17 0.00	18.67 -1.03 0.00	18.96 -1.27 0.00	22.49 -1.64 0.00	26.32 -2.01 0.00	26.45 -1.92 0.00	22.03 -1.71 0.00	21.47 -1.65 0.00	21.82 -1.32 0.00	22.85 -1.53 0.00	22.52 -1.57 0.00	23.32 -1.73 0.00	23.32 -1.58 0.00	22.62 -1.32 0.00	25.55 -1.26 0.00	20.37 -0.86 0.00	18.05 -0.45 0.00
HUNTLEY___64 23558	17.62 -1.11 0.00	16.48 -1.21 0.00	14.04 -1.04 0.00	11.16 -0.87 0.00	9.43 -0.74 0.00	10.45 -0.83 0.00	15.32 -0.90 0.00	17.49 -1.17 0.00	18.67 -1.03 0.00	18.96 -1.27 0.00	22.49 -1.64 0.00	26.32 -2.01 0.00	26.45 -1.92 0.00	22.03 -1.71 0.00	21.47 -1.65 0.00	21.82 -1.32 0.00	22.85 -1.53 0.00	22.52 -1.57 0.00	23.32 -1.73 0.00	23.32 -1.58 0.00	22.62 -1.32 0.00	25.55 -1.26 0.00	20.37 -0.86 0.00	18.05 -0.45 0.00
HUNTLEY___65 23559	17.62 -1.11 0.00	16.48 -1.21 0.00	14.04 -1.04 0.00	11.16 -0.87 0.00	9.43 -0.74 0.00	10.45 -0.83 0.00	15.32 -0.90 0.00	17.49 -1.17 0.00	18.67 -1.03 0.00	18.96 -1.27 0.00	22.49 -1.64 0.00	26.32 -2.01 0.00	26.45 -1.92 0.00	22.03 -1.71 0.00	21.47 -1.65 0.00	21.82 -1.32 0.00	22.85 -1.53 0.00	22.52 -1.57 0.00	23.32 -1.73 0.00	23.32 -1.58 0.00	22.62 -1.32 0.00	25.55 -1.26 0.00	20.37 -0.86 0.00	18.05 -0.45 0.00
HUNTLEY___66 23560	17.62 -1.11 0.00	16.48 -1.21 0.00	14.04 -1.04 0.00	11.16 -0.87 0.00	9.43 -0.74 0.00	10.45 -0.83 0.00	15.32 -0.90 0.00	17.49 -1.17 0.00	18.67 -1.03 0.00	18.96 -1.27 0.00	22.49 -1.64 0.00	26.32 -2.01 0.00	26.45 -1.92 0.00	22.03 -1.71 0.00	21.47 -1.65 0.00	21.82 -1.32 0.00	22.85 -1.53 0.00	22.52 -1.57 0.00	23.32 -1.73 0.00	23.32 -1.58 0.00	22.62 -1.32 0.00	25.55 -1.26 0.00	20.37 -0.86 0.00	18.05 -0.45 0.00
HUNTLEY___67 23561	17.52 -1.21 0.00	16.39 -1.30 0.00	13.96 -1.11 0.00	11.10 -0.92 0.00	9.38 -0.79 0.00	10.39 -0.89 0.00	15.24 -0.98 0.00	17.41 -1.26 0.00	18.57 -1.13 0.00	18.87 -1.36 0.00	22.39 -1.75 0.00	26.20 -2.13 0.00	26.30 -2.07 0.00	21.90 -1.84 0.00	21.33 -1.79 0.00	21.67 -1.47 0.00	22.67 -1.71 0.00	22.37 -1.73 0.00	23.16 -1.89 0.00	23.17 -1.73 0.00	22.48 -1.45 0.00	25.41 -1.40 0.00	20.27 -0.96 0.00	17.97 -0.54 0.00
HUNTLEY___68 23562	17.52 -1.21 0.00	16.39 -1.30 0.00	13.96 -1.11 0.00	11.10 -0.92 0.00	9.38 -0.79 0.00	10.39 -0.89 0.00	15.24 -0.98 0.00	17.41 -1.26 0.00	18.57 -1.13 0.00	18.87 -1.36 0.00	22.39 -1.75 0.00	26.20 -2.13 0.00	26.30 -2.07 0.00	21.90 -1.84 0.00	21.33 -1.79 0.00	21.67 -1.47 0.00	22.67 -1.71 0.00	22.37 -1.73 0.00	23.16 -1.89 0.00	23.17 -1.73 0.00	22.48 -1.45 0.00	25.41 -1.40 0.00	20.27 -0.96 0.00	17.97 -0.54 0.00

HYLAND___LFGE 323620	18.39 -0.33 0.00	17.21 -0.47 0.00	14.64 -0.43 0.00	11.64 -0.39 0.00	9.84 -0.33 0.00	10.93 -0.35 0.00	16.01 -0.21 0.00	18.44 -0.23 0.00	19.67 -0.04 0.00	20.09 -0.14 0.00	23.79 -0.35 0.00	27.66 -0.67 0.00	27.74 -0.63 0.00	23.22 -0.52 0.00	22.68 -0.44 0.00	22.98 -0.16 0.00	24.24 -0.14 0.00	24.12 0.03 0.00	25.10 0.06 0.00	25.10 0.19 0.00	24.30 0.36 0.00	27.31 0.50 0.00	21.61 0.38 0.00	19.00 0.49 0.00
INDECK___CORINTH 23802	19.65 0.92 0.00	18.57 0.88 0.00	15.77 0.70 0.00	12.60 0.57 0.00	10.58 0.41 0.00	11.77 0.49 0.00	16.94 0.72 0.00	19.49 0.82 0.00	20.53 0.83 0.00	21.06 0.84 0.00	25.07 0.94 0.00	29.41 1.07 0.00	29.41 1.04 0.00	24.67 0.93 0.00	24.12 1.01 0.00	24.23 1.09 0.00	25.57 1.19 0.00	25.47 1.38 0.00	26.39 1.34 0.00	26.11 1.20 0.00	24.95 1.02 0.00	28.03 1.22 0.00	22.08 0.85 0.00	19.16 0.65 0.00
INDECK___ILION 23567	18.72 -0.01 0.00	17.71 0.02 0.00	15.11 0.04 0.00	12.05 0.03 0.00	10.19 0.02 0.00	11.32 0.05 0.00	16.25 0.04 0.00	18.69 0.03 0.00	19.71 0.00 0.00	20.24 0.02 0.00	24.13 -0.01 0.00	28.36 0.02 0.00	28.38 0.01 0.00	23.79 0.05 0.00	23.23 0.12 0.00	23.28 0.14 0.00	24.53 0.16 0.00	24.36 0.27 0.00	25.30 0.26 0.00	25.12 0.21 0.00	24.07 0.14 0.00	26.85 0.05 0.00	21.14 -0.08 0.00	18.38 -0.12 0.00
INDECK___OLEAN 23982	18.59 -0.14 0.00	17.42 -0.27 0.00	14.82 -0.25 0.00	11.81 -0.21 0.00	10.00 -0.17 0.00	11.10 -0.18 0.00	16.26 0.04 0.00	18.65 -0.01 0.00	19.86 0.15 0.00	20.20 -0.03 0.00	23.93 -0.21 0.00	27.96 -0.37 0.00	27.84 -0.54 0.00	23.15 -0.59 0.00	22.63 -0.48 0.00	22.89 -0.25 0.00	24.00 -0.38 0.00	23.85 -0.24 0.00	24.77 -0.28 0.00	24.80 -0.11 0.00	24.03 0.10 0.00	27.14 0.34 0.00	21.51 0.29 0.00	18.92 0.42 0.00
INDECK___OSWEGO 23783	18.16 -0.57 0.00	17.13 -0.56 0.00	14.60 -0.47 0.00	11.64 -0.38 0.00	9.85 -0.31 0.00	10.93 -0.35 0.00	15.75 -0.47 0.00	18.10 -0.56 0.00	19.10 -0.61 0.00	19.59 -0.64 0.00	23.38 -0.76 0.00	27.46 -0.87 0.00	27.49 -0.88 0.00	22.97 -0.77 0.00	22.35 -0.77 0.00	22.43 -0.71 0.00	23.63 -0.74 0.00	23.37 -0.71 0.00	24.22 -0.82 0.00	24.11 -0.80 0.00	23.16 -0.77 0.00	25.93 -0.87 0.00	20.61 -0.62 0.00	18.01 -0.49 0.00
INDECK___YERKES 23781	17.63 -1.10 0.00	16.49 -1.20 0.00	14.04 -1.03 0.00	11.17 -0.86 0.00	9.44 -0.73 0.00	10.45 -0.83 0.00	15.33 -0.89 0.00	17.51 -1.15 0.00	18.69 -1.02 0.00	18.98 -1.25 0.00	22.52 -1.61 0.00	26.35 -1.99 0.00	26.47 -1.90 0.00	22.05 -1.69 0.00	21.49 -1.63 0.00	21.84 -1.30 0.00	22.87 -1.51 0.00	22.54 -1.55 0.00	23.34 -1.71 0.00	23.34 -1.57 0.00	22.65 -1.29 0.00	25.57 -1.23 0.00	20.38 -0.85 0.00	18.07 -0.44 0.00
INDIAN POINT_GT_1 24139	19.68 0.95 0.00	18.58 0.89 0.00	15.81 0.74 0.00	12.62 0.60 0.00	10.68 0.51 0.00	11.86 0.58 0.00	17.06 0.84 0.00	19.63 0.96 0.00	20.70 1.00 0.00	21.24 1.02 0.00	25.30 1.17 0.00	29.67 1.33 0.00	29.68 1.31 0.00	24.93 1.19 0.00	24.42 1.31 0.00	24.49 1.35 0.00	25.85 1.47 0.00	25.69 1.59 0.00	26.68 1.63 0.00	26.51 1.60 0.00	25.43 1.49 0.00	28.34 1.53 0.00	22.25 1.03 0.00	19.24 0.74 0.00
INDIAN POINT_GT_2 23659	19.68 0.95 0.00	18.58 0.89 0.00	15.81 0.74 0.00	12.62 0.60 0.00	10.68 0.51 0.00	11.86 0.58 0.00	17.06 0.84 0.00	19.63 0.96 0.00	20.70 1.00 0.00	21.24 1.02 0.00	25.30 1.17 0.00	29.67 1.33 0.00	29.68 1.31 0.00	24.93 1.19 0.00	24.42 1.31 0.00	24.49 1.35 0.00	25.85 1.47 0.00	25.69 1.59 0.00	26.68 1.63 0.00	26.51 1.60 0.00	25.43 1.49 0.00	28.34 1.53 0.00	22.25 1.03 0.00	19.24 0.74 0.00
INDIAN POINT_GT_3 24019	19.68 0.95 0.00	18.58 0.89 0.00	15.81 0.74 0.00	12.62 0.60 0.00	10.68 0.51 0.00	11.86 0.58 0.00	17.06 0.84 0.00	19.63 0.96 0.00	20.70 1.00 0.00	21.24 1.02 0.00	25.30 1.17 0.00	29.67 1.33 0.00	29.68 1.31 0.00	24.93 1.19 0.00	24.42 1.31 0.00	24.49 1.35 0.00	25.85 1.47 0.00	25.69 1.59 0.00	26.68 1.63 0.00	26.51 1.60 0.00	25.43 1.49 0.00	28.34 1.53 0.00	22.25 1.03 0.00	19.24 0.74 0.00
INDIAN POINT___2 23530	19.66 0.93 0.00	18.56 0.87 0.00	15.80 0.73 0.00	12.61 0.58 0.00	10.67 0.50 0.00	11.85 0.57 0.00	17.04 0.82 0.00	19.61 0.94 0.00	20.68 0.97 0.00	21.21 0.99 0.00	25.27 1.13 0.00	29.63 1.30 0.00	29.64 1.27 0.00	24.89 1.15 0.00	24.39 1.27 0.00	24.46 1.32 0.00	25.81 1.44 0.00	25.64 1.55 0.00	26.64 1.59 0.00	26.48 1.57 0.00	25.39 1.46 0.00	28.31 1.50 0.00	22.23 1.01 0.00	19.23 0.72 0.00
INDIAN POINT___3 23531	19.66 0.93 0.00	18.56 0.88 0.00	15.80 0.73 0.00	12.61 0.59 0.00	10.67 0.50 0.00	11.85 0.57 0.00	17.04 0.83 0.00	19.61 0.95 0.00	20.69 0.98 0.00	21.22 1.00 0.00	25.28 1.14 0.00	29.64 1.30 0.00	29.65 1.28 0.00	24.90 1.16 0.00	24.40 1.28 0.00	24.47 1.33 0.00	25.82 1.44 0.00	25.66 1.56 0.00	26.64 1.59 0.00	26.48 1.57 0.00	25.40 1.46 0.00	28.30 1.50 0.00	22.23 1.00 0.00	19.22 0.72 0.00
INGHAM_C_115KV_TB7 356103	18.53 -0.20 0.00	17.57 -0.12 0.00	15.00 -0.07 0.00	11.97 -0.06 0.00	10.12 -0.05 0.00	11.25 -0.03 0.00	16.14 -0.09 0.00	18.54 -0.12 0.00	19.52 -0.18 0.00	20.06 -0.16 0.00	23.88 -0.26 0.00	28.09 -0.24 0.00	28.10 -0.27 0.00	23.62 -0.12 0.00	23.11 0.00 0.00	23.18 0.03 0.00	24.43 0.05 0.00	24.36 0.27 0.00	25.31 0.26 0.00	25.07 0.16 0.00	23.96 0.02 0.00	26.62 -0.19 0.00	20.85 -0.37 0.00	18.09 -0.41 0.00
IP CORINTH___1 23988	19.65 0.92 0.00	18.57 0.89 0.00	15.77 0.70 0.00	12.60 0.57 0.00	10.58 0.41 0.00	11.77 0.49 0.00	16.94 0.72 0.00	19.49 0.82 0.00	20.53 0.83 0.00	21.06 0.84 0.00	25.08 0.94 0.00	29.41 1.07 0.00	29.41 1.04 0.00	24.68 0.94 0.00	24.12 1.01 0.00	24.23 1.09 0.00	25.57 1.19 0.00	25.47 1.37 0.00	26.39 1.34 0.00	26.11 1.20 0.00	24.96 1.02 0.00	28.03 1.22 0.00	22.08 0.85 0.00	19.16 0.65 0.00
IP___TICONDEROGA 23804	20.23 1.50 0.00	19.06 1.37 0.00	16.11 1.03 0.00	12.84 0.82 0.00	10.81 0.64 0.00	12.06 0.78 0.00	17.47 1.25 0.00	20.41 1.75 0.00	21.36 1.66 0.00	21.85 1.62 0.00	25.94 1.80 0.00	30.36 2.03 0.00	30.30 1.92 0.00	25.46 1.72 0.00	24.97 1.86 0.00	25.18 2.04 0.00	26.58 2.20 0.00	26.66 2.57 0.00	27.53 2.49 0.00	26.99 2.09 0.00	25.70 1.76 0.00	28.79 1.99 0.00	22.60 1.38 0.00	19.57 1.07 0.00
ISLIP_RES_REC 323679	20.33 1.60 0.00	19.17 1.48 0.00	16.29 1.21 0.00	12.99 0.97 0.00	10.98 0.82 0.00	12.20 0.92 0.00	17.61 1.39 0.00	20.23 1.57 0.00	21.44 1.74 0.00	22.06 1.84 0.00	36.93 2.06 -10.73	30.61 2.27 0.00	30.64 2.27 0.00	25.69 1.95 0.00	25.13 2.01 0.00	25.16 2.02 0.00	26.82 2.44 0.00	26.50 2.41 0.00	27.61 2.57 0.00	27.58 2.67 0.00	26.26 2.33 0.00	29.18 2.38 0.00	24.07 1.83 -1.02	19.94 1.44 0.00

JAMAICA__27_KV_LOAD 355505	19.98 1.25 0.00	18.87 1.18 0.00	16.05 0.98 0.00	12.82 0.80 0.00	10.84 0.67 0.00	12.04 0.76 0.00	17.31 1.09 0.00	19.92 1.26 0.00	21.00 1.29 0.00	21.51 1.29 0.00	25.56 1.42 0.00	30.05 1.71 0.00	30.06 1.69 0.00	25.30 1.56 0.00	24.80 1.68 0.00	24.92 1.78 0.00	26.26 1.88 0.00	26.10 2.01 0.00	27.09 2.05 0.00	26.90 1.99 0.00	25.85 1.91 0.00	28.77 1.96 0.00	22.51 1.29 0.00	19.54 1.04 0.00
JANIS__SOLAR 323808	19.08 0.35 0.00	18.01 0.32 0.00	15.30 0.23 0.00	12.20 0.17 0.00	10.31 0.15 0.00	11.44 0.16 0.00	16.55 0.33 0.00	19.10 0.44 0.00	20.24 0.54 0.00	20.74 0.52 0.00	24.78 0.65 0.00	29.03 0.69 0.00	28.98 0.61 0.00	24.26 0.52 0.00	23.68 0.56 0.00	23.90 0.76 0.00	25.31 0.93 0.00	25.07 0.98 0.00	26.06 1.02 0.00	25.94 1.03 0.00	24.89 0.95 0.00	27.85 1.04 0.00	21.96 0.74 0.00	19.24 0.74 0.00
JARVIS____ 23743	18.75 0.02 0.00	17.72 0.04 0.00	15.11 0.04 0.00	12.06 0.04 0.00	10.20 0.04 0.00	11.32 0.04 0.00	16.25 0.04 0.00	18.70 0.04 0.00	19.73 0.02 0.00	20.24 0.02 0.00	24.14 0.00 0.00	28.36 0.03 0.00	28.40 0.03 0.00	23.78 0.04 0.00	23.19 0.07 0.00	23.22 0.08 0.00	24.45 0.07 0.00	24.21 0.12 0.00	25.15 0.10 0.00	25.00 0.10 0.00	24.01 0.07 0.00	26.86 0.05 0.00	21.22 0.00 0.00	18.48 -0.03 0.00
JENNISON____1 23625	18.72 -0.01 0.00	17.72 0.04 0.00	15.10 0.03 0.00	12.02 0.00 0.00	10.16 0.00 0.00	11.27 -0.01 0.00	16.27 0.04 0.00	18.76 0.10 0.00	19.89 0.19 0.00	20.38 0.16 0.00	24.34 0.21 0.00	28.52 0.18 0.00	28.44 0.07 0.00	23.84 0.10 0.00	23.30 0.19 0.00	23.51 0.37 0.00	24.84 0.46 0.00	24.62 0.52 0.00	25.62 0.57 0.00	25.51 0.60 0.00	24.46 0.52 0.00	27.41 0.60 0.00	21.75 0.52 0.00	19.21 0.71 0.00
JENNISON____2 23626	18.72 -0.01 0.00	17.72 0.04 0.00	15.10 0.03 0.00	12.02 0.00 0.00	10.16 0.00 0.00	11.27 -0.01 0.00	16.27 0.04 0.00	18.76 0.10 0.00	19.89 0.19 0.00	20.38 0.16 0.00	24.34 0.21 0.00	28.52 0.18 0.00	28.44 0.07 0.00	23.84 0.10 0.00	23.30 0.19 0.00	23.51 0.37 0.00	24.84 0.46 0.00	24.62 0.52 0.00	25.62 0.57 0.00	25.51 0.60 0.00	24.46 0.52 0.00	27.41 0.60 0.00	21.75 0.52 0.00	19.21 0.71 0.00
JERICOHO_RISE_WT_PWR 323719	18.64 -0.09 0.00	17.64 -0.04 0.00	14.78 -0.29 0.00	11.73 -0.29 0.00	-8.93 -0.36 18.74	-11.12 -0.49 21.92	-7.16 -0.71 22.67	18.17 -0.50 0.00	19.35 -0.36 0.00	20.00 -0.22 0.00	24.25 0.12 0.00	28.57 0.23 0.00	28.77 0.40 0.00	24.02 0.28 0.00	22.94 -0.17 0.00	22.73 -0.41 0.00	-20.70 -0.90 44.18	-24.38 -1.05 47.42	-24.46 -1.02 48.49	-0.26 -1.02 24.15	-8.63 -0.92 31.65	12.93 -0.86 13.02	20.73 -0.49 0.00	14.59 -0.44 3.47
KATONAH__115KV_46KV_TB4 355592	19.80 1.07 0.00	18.70 1.01 0.00	15.91 0.84 0.00	12.70 0.67 0.00	10.74 0.57 0.00	11.93 0.65 0.00	17.16 0.95 0.00	19.76 1.10 0.00	20.85 1.15 0.00	21.41 1.18 0.00	25.51 1.37 0.00	29.91 1.58 0.00	29.94 1.56 0.00	25.14 1.40 0.00	24.61 1.50 0.00	24.70 1.56 0.00	26.06 1.69 0.00	25.90 1.81 0.00	26.90 1.85 0.00	26.71 1.80 0.00	25.61 1.68 0.00	28.53 1.72 0.00	22.40 1.17 0.00	19.35 0.85 0.00
KCE_NY_1 323755	19.54 0.81 0.00	18.47 0.78 0.00	15.71 0.64 0.00	12.55 0.53 0.00	10.59 0.42 0.00	11.79 0.51 0.00	16.94 0.73 0.00	19.50 0.83 0.00	20.59 0.88 0.00	21.10 0.87 0.00	25.14 1.00 0.00	29.48 1.14 0.00	29.52 1.15 0.00	24.75 1.01 0.00	24.17 1.05 0.00	24.25 1.11 0.00	25.58 1.21 0.00	25.42 1.33 0.00	26.36 1.31 0.00	26.13 1.22 0.00	24.99 1.06 0.00	27.93 1.13 0.00	21.99 0.76 0.00	19.07 0.57 0.00
KCE_NY_6_ESR 323823	17.76 -0.97 0.00	16.62 -1.07 0.00	14.15 -0.92 0.00	11.24 -0.78 0.00	9.51 -0.66 0.00	10.53 -0.75 0.00	15.44 -0.78 0.00	17.66 -1.00 0.00	18.84 -0.87 0.00	19.15 -1.08 0.00	22.75 -1.38 0.00	26.62 -1.72 0.00	26.72 -1.66 0.00	22.25 -1.49 0.00	21.69 -1.43 0.00	22.03 -1.12 0.00	23.07 -1.31 0.00	22.79 -1.31 0.00	23.64 -1.41 0.00	23.67 -1.24 0.00	22.96 -0.98 0.00	25.91 -0.90 0.00	20.64 -0.59 0.00	18.26 -0.24 0.00
KEDC_PORT_JEFF_GT2 24210	20.24 1.51 0.00	19.08 1.40 0.00	16.22 1.15 0.00	12.93 0.91 0.00	10.94 0.78 0.00	12.15 0.87 0.00	17.53 1.31 0.00	20.14 1.48 0.00	21.34 1.63 0.00	21.95 1.72 0.00	36.80 1.94 -10.73	30.45 2.12 0.00	30.49 2.11 0.00	25.56 1.82 0.00	25.01 1.89 0.00	25.03 1.89 0.00	26.66 2.28 0.00	26.35 2.26 0.00	27.44 2.40 0.00	27.39 2.49 0.00	26.10 2.17 0.00	29.02 2.22 0.00	23.94 1.70 -1.02	19.84 1.34 0.00
KEDC_PORT_JEFF_GT3 24211	20.24 1.51 0.00	19.08 1.40 0.00	16.22 1.15 0.00	12.93 0.91 0.00	10.94 0.78 0.00	12.15 0.87 0.00	17.53 1.31 0.00	20.14 1.48 0.00	21.34 1.63 0.00	21.95 1.72 0.00	36.80 1.94 -10.73	30.45 2.12 0.00	30.49 2.11 0.00	25.56 1.82 0.00	25.01 1.89 0.00	25.03 1.89 0.00	26.66 2.28 0.00	26.35 2.26 0.00	27.44 2.40 0.00	27.39 2.49 0.00	26.10 2.17 0.00	29.02 2.22 0.00	23.94 1.70 -1.02	19.84 1.34 0.00
KEDC_GLWD_GT4 24219	20.09 1.36 0.00	18.96 1.27 0.00	16.12 1.05 0.00	12.86 0.84 0.00	10.88 0.71 0.00	12.08 0.80 0.00	17.41 1.19 0.00	20.01 1.35 0.00	21.16 1.46 0.00	21.76 1.53 0.00	36.68 1.81 -10.73	30.37 2.04 0.00	30.43 2.05 0.00	25.53 1.79 0.00	24.98 1.87 0.00	25.02 1.88 0.00	26.37 1.99 0.00	26.16 2.07 0.00	27.20 2.15 0.00	27.06 2.15 0.00	26.01 2.08 0.00	28.95 2.14 0.00	23.79 1.55 -1.02	19.66 1.16 0.00
KEDC_GLWD_GT5 24220	20.09 1.36 0.00	18.96 1.27 0.00	16.12 1.05 0.00	12.86 0.84 0.00	10.88 0.71 0.00	12.08 0.80 0.00	17.41 1.19 0.00	20.01 1.35 0.00	21.16 1.46 0.00	21.76 1.53 0.00	36.68 1.81 -10.73	30.37 2.04 0.00	30.43 2.05 0.00	25.53 1.79 0.00	24.98 1.87 0.00	25.02 1.88 0.00	26.37 1.99 0.00	26.16 2.07 0.00	27.20 2.15 0.00	27.06 2.15 0.00	26.01 2.08 0.00	28.95 2.14 0.00	23.79 1.55 -1.02	19.66 1.16 0.00
KENSICO____ 23655	19.73 1.00 0.00	18.63 0.94 0.00	15.86 0.78 0.00	12.66 0.63 0.00	10.71 0.54 0.00	11.89 0.61 0.00	17.10 0.88 0.00	19.68 1.02 0.00	20.76 1.05 0.00	21.30 1.08 0.00	25.38 1.25 0.00	29.76 1.42 0.00	29.78 1.41 0.00	25.00 1.26 0.00	24.49 1.38 0.00	24.57 1.43 0.00	25.93 1.55 0.00	25.76 1.67 0.00	26.76 1.71 0.00	26.58 1.68 0.00	25.50 1.56 0.00	28.42 1.61 0.00	22.31 1.09 0.00	19.29 0.79 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	19.93 1.20 0.00	18.80 1.12 0.00	16.00 0.93 0.00	12.76 0.74 0.00	10.81 0.64 0.00	12.00 0.72 0.00	17.26 1.04 0.00	19.90 1.24 0.00	21.02 1.31 0.00	21.58 1.36 0.00	25.73 1.60 0.00	30.19 1.86 0.00	30.20 1.82 0.00	25.36 1.62 0.00	24.83 1.71 0.00	24.92 1.78 0.00	26.32 1.94 0.00	26.13 2.04 0.00	27.13 2.09 0.00	26.94 2.04 0.00	25.84 1.91 0.00	28.77 1.97 0.00	22.60 1.37 0.00	19.52 1.01 0.00

KIAC_JFK_GT1 23816	19.92 1.19 0.00	18.81 1.12 0.00	16.00 0.93 0.00	12.78 0.75 0.00	10.81 0.64 0.00	12.00 0.72 0.00	17.25 1.03 0.00	19.85 1.19 0.00	20.92 1.22 0.00	21.44 1.22 0.00	25.47 1.34 0.00	29.95 1.61 0.00	29.97 1.59 0.00	25.21 1.47 0.00	24.71 1.60 0.00	24.82 1.68 0.00	26.16 1.78 0.00	26.01 1.91 0.00	27.00 1.95 0.00	26.81 1.90 0.00	25.75 1.82 0.00	28.67 1.86 0.00	22.44 1.21 0.00	19.47 0.97 0.00
KIAC_JFK_GT2 23817	19.92 1.19 0.00	18.81 1.12 0.00	16.00 0.93 0.00	12.78 0.75 0.00	10.81 0.64 0.00	12.00 0.72 0.00	17.25 1.03 0.00	19.85 1.19 0.00	20.92 1.22 0.00	21.44 1.22 0.00	25.47 1.34 0.00	29.95 1.61 0.00	29.97 1.59 0.00	25.21 1.47 0.00	24.71 1.60 0.00	24.82 1.68 0.00	26.16 1.78 0.00	26.01 1.91 0.00	27.00 1.95 0.00	26.81 1.90 0.00	25.75 1.82 0.00	28.67 1.86 0.00	22.44 1.21 0.00	19.47 0.97 0.00
KIAC_JFK____ 323774	19.92 1.19 0.00	18.81 1.12 0.00	16.00 0.93 0.00	12.78 0.75 0.00	10.81 0.64 0.00	12.00 0.72 0.00	17.25 1.03 0.00	19.85 1.19 0.00	20.92 1.22 0.00	21.44 1.22 0.00	25.47 1.33 0.00	29.95 1.61 0.00	29.96 1.59 0.00	25.21 1.47 0.00	24.71 1.59 0.00	24.82 1.68 0.00	26.16 1.79 0.00	26.01 1.92 0.00	27.00 1.95 0.00	26.81 1.90 0.00	25.75 1.82 0.00	28.67 1.86 0.00	22.44 1.21 0.00	19.47 0.97 0.00
KINTIGH____ 23543	17.51 -1.22 0.00	16.41 -1.28 0.00	13.98 -1.09 0.00	11.12 -0.90 0.00	9.40 -0.76 0.00	10.42 -0.86 0.00	15.24 -0.98 0.00	17.43 -1.23 0.00	18.56 -1.14 0.00	18.90 -1.33 0.00	22.44 -1.69 0.00	26.26 -2.07 0.00	26.34 -2.03 0.00	21.93 -1.81 0.00	21.36 -1.75 0.00	21.65 -1.49 0.00	22.69 -1.69 0.00	22.37 -1.73 0.00	23.15 -1.90 0.00	23.13 -1.78 0.00	22.39 -1.54 0.00	25.27 -1.54 0.00	20.15 -1.08 0.00	17.81 -0.70 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	18.84 0.10 0.00	17.86 0.18 0.00	14.96 -0.11 0.00	11.86 -0.16 0.00	-7.83 -0.25 17.75	-9.84 -0.36 20.75	-5.81 -0.56 21.47	18.35 -0.31 0.00	19.48 -0.22 0.00	20.13 -0.09 0.00	24.46 0.33 0.00	28.83 0.49 0.00	29.07 0.70 0.00	24.28 0.54 0.00	23.20 0.08 0.00	23.16 0.02 0.00	-18.11 -0.65 41.84	-21.58 -0.76 44.91	-21.55 -0.67 45.92	1.36 -0.68 22.87	-6.65 -0.61 29.97	13.97 -0.51 12.33	20.94 -0.28 0.00	14.89 -0.33 3.28
LACHUTE____HYDRO 323717	20.23 1.50 0.00	19.06 1.37 0.00	16.10 1.03 0.00	12.84 0.82 0.00	10.81 0.64 0.00	12.06 0.78 0.00	17.47 1.25 0.00	20.42 1.75 0.00	21.36 1.66 0.00	21.85 1.62 0.00	25.94 1.80 0.00	30.36 2.03 0.00	30.30 1.92 0.00	25.46 1.72 0.00	24.97 1.86 0.00	25.18 2.04 0.00	26.58 2.20 0.00	26.66 2.57 0.00	27.53 2.49 0.00	26.99 2.09 0.00	25.70 1.77 0.00	28.79 1.98 0.00	22.60 1.38 0.00	19.57 1.07 0.00
LAWRNCV_115KV_TB1 80681	18.67 -0.06 0.00	17.60 -0.09 0.00	14.94 -0.13 0.00	11.90 -0.12 0.00	12.29 -0.12 -2.24	13.66 -0.25 -2.63	18.52 -0.42 -2.72	18.31 -0.36 0.00	19.40 -0.30 0.00	19.98 -0.24 0.00	23.95 -0.18 0.00	28.23 -0.11 0.00	28.30 -0.08 0.00	23.63 -0.11 0.00	22.90 -0.22 0.00	22.65 -0.49 0.00	29.18 -0.49 -5.30	29.04 -0.73 -5.69	30.29 -0.57 -5.81	27.24 -0.57 -2.90	27.24 -0.48 -3.80	27.95 -0.42 -1.56	21.09 -0.13 0.00	18.98 0.07 -0.42
LEDERLE____ 23769	19.73 1.00 0.00	18.62 0.93 0.00	15.85 0.77 0.00	12.64 0.62 0.00	10.70 0.53 0.00	11.89 0.61 0.00	17.10 0.88 0.00	19.68 1.01 0.00	20.76 1.05 0.00	21.29 1.06 0.00	25.36 1.22 0.00	29.74 1.41 0.00	29.74 1.37 0.00	24.97 1.23 0.00	24.48 1.36 0.00	24.55 1.41 0.00	25.91 1.53 0.00	25.74 1.65 0.00	26.75 1.70 0.00	26.58 1.68 0.00	25.51 1.58 0.00	28.44 1.64 0.00	22.32 1.09 0.00	19.29 0.79 0.00
LIGHTHSE_115KV_TB6 355974	18.07 -0.66 0.00	17.03 -0.65 0.00	14.50 -0.58 0.00	11.56 -0.46 0.00	9.79 -0.37 0.00	10.85 -0.43 0.00	15.62 -0.59 0.00	18.02 -0.64 0.00	19.03 -0.68 0.00	19.52 -0.71 0.00	23.31 -0.82 0.00	27.35 -0.99 0.00	27.39 -0.98 0.00	22.91 -0.83 0.00	22.34 -0.77 0.00	22.45 -0.69 0.00	23.63 -0.75 0.00	23.36 -0.73 0.00	24.16 -0.89 0.00	24.07 -0.84 0.00	23.13 -0.80 0.00	25.91 -0.90 0.00	20.59 -0.64 0.00	17.96 -0.55 0.00
LINDEN COGEN____ 23786	19.71 0.98 0.00	18.61 0.92 0.00	15.85 0.77 0.00	12.65 0.63 0.00	10.70 0.54 0.00	11.89 0.61 0.00	17.08 0.86 0.00	19.64 0.98 0.00	20.72 1.01 0.00	21.26 1.03 0.00	25.32 1.18 0.00	29.69 1.35 0.00	29.73 1.35 0.00	24.95 1.21 0.00	24.46 1.35 0.00	24.55 1.41 0.00	25.91 1.53 0.00	25.74 1.65 0.00	26.74 1.69 0.00	26.57 1.66 0.00	25.49 1.56 0.00	28.40 1.60 0.00	22.29 1.06 0.00	19.27 0.77 0.00
LINDHRST_69_KV_BK1 356055	20.28 1.55 0.00	19.13 1.44 0.00	16.26 1.19 0.00	12.97 0.94 0.00	10.97 0.80 0.00	12.17 0.89 0.00	17.57 1.35 0.00	20.18 1.52 0.00	21.37 1.67 0.00	21.98 1.76 0.00	36.93 2.06 -10.73	30.66 2.33 0.00	30.70 2.32 0.00	25.74 2.00 0.00	25.20 2.08 0.00	25.21 2.07 0.00	26.75 2.37 0.00	26.50 2.40 0.00	27.57 2.53 0.00	27.47 2.56 0.00	26.27 2.34 0.00	29.21 2.41 0.00	24.03 1.79 -1.02	19.87 1.37 0.00
LIPA_MISC_IPP 23656	20.22 1.49 0.00	19.06 1.38 0.00	16.20 1.13 0.00	12.92 0.90 0.00	10.93 0.76 0.00	12.14 0.86 0.00	17.52 1.30 0.00	20.13 1.47 0.00	21.33 1.62 0.00	21.92 1.69 0.00	36.72 1.86 -10.73	30.26 1.93 0.00	30.30 1.93 0.00	25.39 1.65 0.00	24.84 1.73 0.00	24.88 1.74 0.00	26.59 2.21 0.00	26.22 2.13 0.00	27.33 2.28 0.00	27.34 2.43 0.00	25.98 2.05 0.00	28.87 2.07 0.00	23.87 1.63 -1.02	19.83 1.33 0.00
LISF__SOLAR 323691	20.25 1.52 0.00	19.10 1.41 0.00	16.22 1.15 0.00	12.94 0.92 0.00	10.94 0.78 0.00	12.15 0.88 0.00	17.54 1.32 0.00	20.16 1.49 0.00	21.36 1.66 0.00	21.95 1.73 0.00	36.75 1.89 -10.73	30.31 1.97 0.00	30.35 1.97 0.00	25.43 1.69 0.00	24.88 1.77 0.00	24.91 1.78 0.00	26.64 2.26 0.00	26.27 2.18 0.00	27.38 2.33 0.00	27.40 2.49 0.00	26.02 2.09 0.00	28.92 2.11 0.00	23.91 1.67 -1.02	19.86 1.35 0.00
LITTLE FALLS____HYD 24013	18.53 -0.20 0.00	17.57 -0.12 0.00	15.00 -0.07 0.00	11.97 -0.06 0.00	10.12 -0.05 0.00	11.25 -0.03 0.00	16.14 -0.09 0.00	18.54 -0.12 0.00	19.52 -0.18 0.00	20.06 -0.16 0.00	23.88 -0.26 0.00	28.09 -0.24 0.00	28.10 -0.27 0.00	23.62 -0.12 0.00	23.11 0.00 0.00	23.18 0.03 0.00	24.43 0.05 0.00	24.36 0.27 0.00	25.31 0.26 0.00	25.07 0.16 0.00	23.96 0.02 0.00	26.62 -0.19 0.00	20.85 -0.37 0.00	18.09 -0.41 0.00
LITTLRIV_115KV_TB1 356100	18.89 0.16 0.00	17.79 0.11 0.00	15.10 0.03 0.00	12.03 0.01 0.00	12.65 -0.01 -2.49	14.07 -0.12 -2.91	19.00 -0.22 -3.01	18.56 -0.11 0.00	19.69 -0.02 0.00	20.27 0.05 0.00	24.30 0.16 0.00	28.60 0.27 0.00	28.66 0.28 0.00	23.94 0.20 0.00	23.20 0.09 0.00	22.95 -0.18 0.00	30.13 -0.11 -5.86	30.04 -0.35 -6.29	31.30 -0.18 -6.44	27.93 -0.18 -3.21	28.02 -0.12 -4.20	28.51 -0.03 -1.73	21.39 0.16 0.00	19.27 0.31 -0.46

LI_NEWBRDGE___DRP 323616	19.93 1.20 0.00	18.81 1.12 0.00	16.00 0.92 0.00	12.76 0.74 0.00	10.80 0.63 0.00	11.99 0.71 0.00	17.27 1.05 0.00	19.85 1.19 0.00	20.98 1.28 0.00	21.57 1.35 0.00	36.45 1.58 -10.73	30.10 1.77 0.00	30.14 1.76 0.00	25.28 1.54 0.00	24.74 1.63 0.00	24.77 1.63 0.00	26.20 1.82 0.00	25.99 1.90 0.00	27.03 1.98 0.00	26.89 1.98 0.00	25.76 1.82 0.00	28.67 1.86 0.00	23.59 1.34 -1.02	19.50 1.00 0.00
LOCKPORT_115KV_TB60_63_64 80432	17.52 -1.21 0.00	16.38 -1.30 0.00	13.96 -1.12 0.00	11.10 -0.93 0.00	9.38 -0.79 0.00	10.38 -0.89 0.00	15.24 -0.98 0.00	17.39 -1.27 0.00	18.55 -1.15 0.00	18.80 -1.43 0.00	22.31 -1.83 0.00	26.09 -2.24 0.00	26.23 -2.14 0.00	21.85 -1.89 0.00	21.29 -1.83 0.00	21.64 -1.50 0.00	22.65 -1.73 0.00	22.32 -1.77 0.00	23.09 -1.96 0.00	23.09 -1.82 0.00	22.39 -1.54 0.00	25.29 -1.51 0.00	20.17 -1.05 0.00	17.89 -0.61 0.00
LOCKPORT___CC1 323769	17.50 -1.24 0.00	16.36 -1.33 0.00	13.94 -1.14 0.00	11.08 -0.94 0.00	9.37 -0.80 0.00	10.37 -0.91 0.00	15.22 -1.00 0.00	17.37 -1.30 0.00	18.53 -1.18 0.00	18.78 -1.44 0.00	22.29 -1.84 0.00	26.07 -2.27 0.00	26.20 -2.17 0.00	21.83 -1.92 0.00	21.27 -1.85 0.00	21.61 -1.53 0.00	22.62 -1.76 0.00	22.29 -1.80 0.00	23.06 -1.99 0.00	23.06 -1.85 0.00	22.38 -1.55 0.00	25.27 -1.53 0.00	20.16 -1.07 0.00	17.89 -0.61 0.00
LOCKPORT___CC2 323770	17.50 -1.24 0.00	16.36 -1.33 0.00	13.94 -1.14 0.00	11.08 -0.94 0.00	9.37 -0.80 0.00	10.37 -0.91 0.00	15.22 -1.00 0.00	17.37 -1.30 0.00	18.53 -1.18 0.00	18.78 -1.44 0.00	22.29 -1.84 0.00	26.07 -2.27 0.00	26.20 -2.17 0.00	21.83 -1.92 0.00	21.27 -1.85 0.00	21.61 -1.53 0.00	22.62 -1.76 0.00	22.29 -1.80 0.00	23.06 -1.99 0.00	23.06 -1.85 0.00	22.38 -1.55 0.00	25.27 -1.53 0.00	20.16 -1.07 0.00	17.89 -0.61 0.00
LOCKPORT___CC3 323771	17.50 -1.24 0.00	16.36 -1.33 0.00	13.94 -1.14 0.00	11.08 -0.94 0.00	9.37 -0.80 0.00	10.37 -0.91 0.00	15.22 -1.00 0.00	17.37 -1.30 0.00	18.53 -1.18 0.00	18.78 -1.44 0.00	22.29 -1.84 0.00	26.07 -2.27 0.00	26.20 -2.17 0.00	21.83 -1.92 0.00	21.27 -1.85 0.00	21.61 -1.53 0.00	22.62 -1.76 0.00	22.29 -1.80 0.00	23.06 -1.99 0.00	23.06 -1.85 0.00	22.38 -1.55 0.00	25.27 -1.53 0.00	20.16 -1.07 0.00	17.89 -0.61 0.00
LONG_LAKE_PHOENIX 24014	18.25 -0.48 0.00	17.21 -0.47 0.00	14.67 -0.40 0.00	11.70 -0.32 0.00	9.90 -0.27 0.00	10.98 -0.29 0.00	15.83 -0.38 0.00	18.20 -0.46 0.00	19.21 -0.49 0.00	19.71 -0.52 0.00	23.52 -0.62 0.00	27.64 -0.70 0.00	27.66 -0.71 0.00	23.10 -0.64 0.00	22.48 -0.64 0.00	22.57 -0.57 0.00	23.80 -0.58 0.00	23.54 -0.55 0.00	24.39 -0.66 0.00	24.27 -0.63 0.00	23.32 -0.61 0.00	26.10 -0.70 0.00	20.73 -0.49 0.00	18.11 -0.39 0.00
LOVETT___3 23632	19.64 0.91 0.00	18.54 0.85 0.00	15.78 0.71 0.00	12.60 0.57 0.00	10.66 0.49 0.00	11.84 0.56 0.00	17.03 0.81 0.00	19.59 0.93 0.00	20.66 0.95 0.00	21.19 0.97 0.00	25.24 1.10 0.00	29.60 1.26 0.00	29.61 1.23 0.00	24.86 1.12 0.00	24.36 1.25 0.00	24.44 1.30 0.00	25.79 1.41 0.00	25.62 1.53 0.00	26.61 1.57 0.00	26.45 1.54 0.00	25.37 1.44 0.00	28.29 1.49 0.00	22.21 0.98 0.00	19.21 0.70 0.00
LOVETT___4 23642	19.64 0.91 0.00	18.54 0.85 0.00	15.78 0.71 0.00	12.60 0.57 0.00	10.66 0.49 0.00	11.84 0.56 0.00	17.03 0.81 0.00	19.59 0.93 0.00	20.66 0.95 0.00	21.19 0.97 0.00	25.24 1.10 0.00	29.60 1.26 0.00	29.61 1.23 0.00	24.86 1.12 0.00	24.36 1.25 0.00	24.44 1.30 0.00	25.79 1.41 0.00	25.62 1.53 0.00	26.61 1.57 0.00	26.45 1.54 0.00	25.37 1.44 0.00	28.29 1.49 0.00	22.21 0.98 0.00	19.21 0.70 0.00
LOVETT___5 23593	19.64 0.91 0.00	18.54 0.85 0.00	15.78 0.71 0.00	12.60 0.57 0.00	10.66 0.49 0.00	11.84 0.56 0.00	17.03 0.81 0.00	19.59 0.93 0.00	20.66 0.95 0.00	21.19 0.97 0.00	25.24 1.10 0.00	29.60 1.26 0.00	29.61 1.23 0.00	24.86 1.12 0.00	24.36 1.25 0.00	24.44 1.30 0.00	25.79 1.41 0.00	25.62 1.53 0.00	26.61 1.57 0.00	26.45 1.54 0.00	25.37 1.44 0.00	28.29 1.49 0.00	22.21 0.98 0.00	19.21 0.70 0.00
LOWER RAQUET___HYD 24057	18.60 -0.12 0.00	17.53 -0.16 0.00	14.87 -0.20 0.00	11.85 -0.17 0.00	12.71 -0.17 -2.71	14.13 -0.33 -3.17	18.96 -0.54 -3.28	18.18 -0.48 0.00	19.28 -0.42 0.00	19.85 -0.37 0.00	23.81 -0.32 0.00	28.08 -0.25 0.00	28.16 -0.21 0.00	23.51 -0.22 0.00	22.78 -0.33 0.00	22.54 -0.60 0.00	30.12 -0.65 -6.40	30.08 -0.88 -6.87	31.33 -0.74 -7.02	27.68 -0.72 -3.50	27.88 -0.64 -4.58	28.10 -0.59 -1.89	20.98 -0.25 0.00	19.00 0.00 -0.50
LOWER___HUDSON 24059	19.25 0.52 0.00	18.23 0.54 0.00	15.53 0.46 0.00	12.40 0.38 0.00	10.48 0.31 0.00	11.65 0.37 0.00	16.73 0.51 0.00	19.23 0.57 0.00	20.26 0.56 0.00	20.79 0.57 0.00	24.76 0.62 0.00	29.03 0.69 0.00	29.06 0.68 0.00	24.39 0.65 0.00	23.82 0.70 0.00	23.86 0.72 0.00	25.14 0.76 0.00	25.01 0.92 0.00	25.91 0.87 0.00	25.74 0.84 0.00	24.63 0.70 0.00	27.49 0.68 0.00	21.63 0.40 0.00	18.75 0.25 0.00
LOWVILLE_115KV_TB2 356335	17.92 -0.81 0.00	16.89 -0.80 0.00	14.35 -0.72 0.00	11.45 -0.57 0.00	10.54 -0.41 -0.79	11.66 -0.53 -0.92	16.38 -0.79 -0.95	17.91 -0.76 0.00	18.91 -0.79 0.00	19.39 -0.83 0.00	23.15 -0.98 0.00	27.15 -1.19 0.00	27.24 -1.13 0.00	22.84 -0.90 0.00	22.37 -0.75 0.00	22.38 -0.76 0.00	25.39 -0.85 -1.86	25.24 -0.84 -1.99	26.17 -0.91 -2.04	25.09 -0.84 -1.01	24.45 -0.81 -1.33	26.56 -0.79 -0.55	20.69 -0.54 0.00	18.17 -0.48 -0.15
LUTHERFT_115KV_GLOB_FND_222 355753	19.53 0.80 0.00	18.47 0.78 0.00	15.71 0.64 0.00	12.55 0.53 0.00	10.59 0.42 0.00	11.78 0.50 0.00	16.93 0.71 0.00	19.49 0.82 0.00	20.56 0.85 0.00	21.09 0.86 0.00	25.11 0.98 0.00	29.46 1.12 0.00	29.48 1.11 0.00	24.73 0.99 0.00	24.16 1.04 0.00	24.23 1.09 0.00	25.55 1.17 0.00	25.40 1.31 0.00	26.33 1.28 0.00	26.12 1.21 0.00	24.99 1.06 0.00	27.93 1.12 0.00	21.99 0.76 0.00	19.07 0.57 0.00
LUTHERNY_35_KV_BK2 355980	19.54 0.81 0.00	18.47 0.78 0.00	15.71 0.64 0.00	12.55 0.53 0.00	10.59 0.42 0.00	11.79 0.51 0.00	16.94 0.72 0.00	19.50 0.83 0.00	20.58 0.88 0.00	21.10 0.87 0.00	25.14 1.00 0.00	29.48 1.14 0.00	29.52 1.15 0.00	24.75 1.01 0.00	24.17 1.05 0.00	24.25 1.11 0.00	25.58 1.21 0.00	25.42 1.33 0.00	26.36 1.31 0.00	26.13 1.22 0.00	24.99 1.06 0.00	27.93 1.13 0.00	21.99 0.76 0.00	19.07 0.57 0.00
LWR___OSWEGATCHIE_HYD 23850	18.06 -0.67 0.00	17.02 -0.67 0.00	14.45 -0.62 0.00	11.52 -0.50 0.00	11.61 -0.40 -1.85	12.88 -0.56 -2.16	17.61 -0.85 -2.24	17.84 -0.82 0.00	18.88 -0.82 0.00	19.41 -0.81 0.00	23.23 -0.91 0.00	27.32 -1.02 0.00	27.40 -0.98 0.00	22.92 -0.82 0.00	22.32 -0.79 0.00	22.22 -0.92 0.00	27.74 -0.99 -4.35	27.66 -1.11 -4.68	28.74 -1.09 -4.78	26.25 -1.04 -2.38	26.08 -0.97 -3.12	27.10 -0.99 -1.28	20.60 -0.62 0.00	18.40 -0.45 -0.34

LYONS_FALL_HYD 23570	18.35 -0.38 0.00	17.31 -0.37 0.00	14.72 -0.35 0.00	11.75 -0.27 0.00	10.52 -0.18 -0.53	11.65 -0.24 -0.62	16.49 -0.37 -0.64	18.35 -0.32 0.00	19.38 -0.33 0.00	19.89 -0.33 0.00	23.74 -0.39 0.00	27.85 -0.48 0.00	27.93 -0.45 0.00	23.40 -0.34 0.00	22.87 -0.24 0.00	22.91 -0.23 0.00	25.37 -0.25 -1.25	25.18 -0.25 -1.34	26.12 -0.29 -1.37	25.34 -0.25 -0.68	24.57 -0.26 -0.90	26.93 -0.25 -0.37	21.06 -0.17 0.00	18.43 -0.17 -0.10
MADISON___COUNTY_LFGE 323628	18.97 0.24 0.00	17.93 0.24 0.00	15.26 0.19 0.00	12.17 0.15 0.00	10.31 0.14 0.00	11.44 0.16 0.00	16.48 0.26 0.00	19.00 0.33 0.00	20.06 0.36 0.00	20.62 0.39 0.00	24.59 0.46 0.00	28.87 0.54 0.00	28.91 0.54 0.00	24.21 0.47 0.00	23.59 0.48 0.00	23.69 0.55 0.00	24.98 0.60 0.00	24.69 0.59 0.00	25.62 0.57 0.00	25.49 0.58 0.00	24.47 0.53 0.00	27.37 0.56 0.00	21.62 0.40 0.00	18.83 0.33 0.00
MALONE___115KV_TB1 356076	18.84 0.11 0.00	17.80 0.11 0.00	14.96 -0.11 0.00	11.88 -0.14 0.00	22.00 -0.21 -12.04	25.03 -0.33 -14.08	30.30 -0.49 -14.57	18.41 -0.26 0.00	19.61 -0.10 0.00	20.26 0.03 0.00	24.49 0.36 0.00	28.86 0.52 0.00	29.03 0.66 0.00	24.23 0.48 0.00	23.20 0.08 0.00	23.15 0.01 0.00	52.30 -0.48 -28.40	53.93 -0.65 -30.48	55.63 -0.58 -31.17	39.83 -0.60 -15.52	43.75 -0.53 -20.34	34.74 -0.43 -8.37	21.06 -0.17 0.00	20.61 -0.12 -2.23
MAPLEWOD_115KV_TB3 80458	19.14 0.41 0.00	18.13 0.45 0.00	15.49 0.42 0.00	12.36 0.33 0.00	10.44 0.28 0.00	11.61 0.33 0.00	16.66 0.44 0.00	19.12 0.46 0.00	20.16 0.46 0.00	20.71 0.49 0.00	24.65 0.51 0.00	28.90 0.57 0.00	28.94 0.57 0.00	24.29 0.55 0.00	23.73 0.61 0.00	23.76 0.62 0.00	25.05 0.67 0.00	24.90 0.81 0.00	25.81 0.77 0.00	25.65 0.74 0.00	24.55 0.62 0.00	27.40 0.60 0.00	21.57 0.34 0.00	18.71 0.20 0.00
MAPLE_RIDGE_WT_1 323574	18.11 -0.62 0.00	17.11 -0.58 0.00	14.57 -0.51 0.00	11.63 -0.40 0.00	9.84 -0.32 0.00	10.94 -0.34 0.00	15.67 -0.54 0.00	18.06 -0.60 0.00	19.07 -0.64 0.00	19.59 -0.64 0.00	23.40 -0.73 0.00	27.50 -0.83 0.00	27.61 -0.76 0.00	23.11 -0.63 0.00	22.44 -0.68 0.00	22.35 -0.79 0.00	23.56 -0.82 0.00	23.33 -0.76 0.00	24.31 -0.73 0.00	24.16 -0.74 0.00	23.36 -0.57 0.00	26.26 -0.54 0.00	20.85 -0.37 0.00	18.16 -0.34 0.00
MAPLE_RIDGE_WT_2 323611	18.11 -0.62 0.00	17.11 -0.58 0.00	14.57 -0.51 0.00	11.63 -0.40 0.00	9.84 -0.32 0.00	10.94 -0.34 0.00	15.67 -0.54 0.00	18.06 -0.60 0.00	19.07 -0.64 0.00	19.59 -0.64 0.00	23.40 -0.73 0.00	27.50 -0.83 0.00	27.61 -0.76 0.00	23.11 -0.63 0.00	22.44 -0.68 0.00	22.35 -0.79 0.00	23.56 -0.82 0.00	23.33 -0.76 0.00	24.31 -0.73 0.00	24.16 -0.74 0.00	23.36 -0.57 0.00	26.26 -0.54 0.00	20.85 -0.37 0.00	18.16 -0.34 0.00
MARBLE_RIVER_WT_PWR 323696	18.63 -0.10 0.00	17.66 -0.03 0.00	14.79 -0.28 0.00	11.73 -0.29 0.00	-7.58 -0.35 17.40	-9.56 -0.48 20.35	-5.54 -0.71 21.05	18.17 -0.50 0.00	19.31 -0.40 0.00	19.94 -0.28 0.00	24.21 0.08 0.00	28.54 0.20 0.00	28.77 0.39 0.00	24.02 0.28 0.00	22.93 -0.18 0.00	22.72 -0.42 0.00	-17.55 -0.91 41.02	-21.00 -1.06 44.03	-21.00 -1.02 45.02	1.42 -1.07 22.42	-6.45 -1.00 29.39	13.79 -0.93 12.08	20.67 -0.56 0.00	14.77 -0.51 3.22
MARSHVLE_115KV_TB1 80742	19.63 0.90 0.00	18.46 0.77 0.00	15.70 0.62 0.00	12.53 0.51 0.00	10.61 0.44 0.00	11.77 0.49 0.00	16.94 0.72 0.00	19.57 0.90 0.00	20.70 0.99 0.00	21.25 1.03 0.00	25.39 1.26 0.00	29.94 1.60 0.00	29.96 1.59 0.00	24.96 1.22 0.00	24.30 1.18 0.00	24.37 1.23 0.00	25.77 1.39 0.00	25.42 1.33 0.00	26.34 1.29 0.00	26.23 1.32 0.00	25.28 1.34 0.00	28.31 1.50 0.00	22.44 1.22 0.00	19.63 1.13 0.00
MARSH_HILL_WT_PWR 323713	17.02 -1.71 0.00	15.88 -1.81 0.00	13.47 -1.60 0.00	10.68 -1.34 0.00	9.01 -1.15 0.00	10.02 -1.25 0.00	14.70 -1.52 0.00	16.88 -1.79 0.00	18.03 -1.67 0.00	18.53 -1.70 0.00	22.07 -2.07 0.00	25.97 -2.37 0.00	25.95 -2.43 0.00	21.50 -2.24 0.00	20.92 -2.20 0.00	21.11 -2.03 0.00	22.30 -2.08 0.00	22.33 -1.76 0.00	23.45 -1.60 0.00	23.60 -1.31 0.00	23.07 -0.86 0.00	26.13 -0.68 0.00	20.65 -0.57 0.00	18.32 -0.18 0.00
MCINTYRE_115KV_TB2 80467	19.09 0.36 0.00	17.97 0.28 0.00	15.27 0.19 0.00	12.16 0.14 0.00	12.40 0.10 -2.12	13.80 0.04 -2.48	18.82 0.03 -2.57	18.84 0.18 0.00	19.98 0.28 0.00	20.57 0.35 0.00	24.63 0.50 0.00	28.96 0.62 0.00	28.99 0.61 0.00	24.22 0.48 0.00	23.49 0.37 0.00	23.21 0.07 0.00	29.64 0.25 -5.01	29.49 0.02 -5.38	30.74 0.20 -5.50	27.84 0.19 -2.74	27.76 0.24 -3.59	28.66 0.38 -1.48	21.67 0.44 0.00	19.42 0.52 -0.39
MECO___69_KV_BK1 80468	20.44 1.71 0.00	19.20 1.52 0.00	16.32 1.25 0.00	13.05 1.02 0.00	11.04 0.88 0.00	12.26 0.98 0.00	17.69 1.47 0.00	20.48 1.82 0.00	21.74 2.04 0.00	22.34 2.11 0.00	26.68 2.54 0.00	31.41 3.08 0.00	31.48 3.11 0.00	26.25 2.51 0.00	25.60 2.48 0.00	25.74 2.60 0.00	27.30 2.92 0.00	26.98 2.89 0.00	27.93 2.88 0.00	27.75 2.84 0.00	26.64 2.71 0.00	29.73 2.92 0.00	23.42 2.19 0.00	20.35 1.85 0.00
MENANDS___115KV_TB5 355628	19.05 0.32 0.00	18.05 0.37 0.00	15.43 0.35 0.00	12.31 0.29 0.00	10.41 0.24 0.00	11.57 0.29 0.00	16.60 0.38 0.00	19.02 0.36 0.00	20.05 0.34 0.00	20.60 0.37 0.00	24.51 0.38 0.00	28.73 0.40 0.00	28.77 0.40 0.00	24.14 0.40 0.00	23.59 0.48 0.00	23.63 0.48 0.00	24.91 0.53 0.00	24.75 0.66 0.00	25.66 0.61 0.00	25.49 0.58 0.00	24.41 0.47 0.00	27.24 0.43 0.00	21.44 0.21 0.00	18.60 0.10 0.00
MG INDUSTRY___DRP 24185	19.07 0.34 0.00	18.06 0.37 0.00	15.44 0.37 0.00	12.32 0.30 0.00	10.42 0.25 0.00	11.57 0.29 0.00	16.60 0.38 0.00	19.05 0.38 0.00	20.09 0.38 0.00	20.63 0.41 0.00	24.53 0.40 0.00	28.77 0.44 0.00	28.82 0.44 0.00	24.17 0.42 0.00	23.60 0.49 0.00	23.65 0.51 0.00	24.93 0.55 0.00	24.74 0.65 0.00	25.66 0.61 0.00	25.50 0.59 0.00	24.43 0.49 0.00	27.27 0.47 0.00	21.48 0.25 0.00	18.66 0.16 0.00
MID___OSWEGATCHIE_HYD 23849	18.06 -0.67 0.00	17.02 -0.67 0.00	14.45 -0.62 0.00	11.52 -0.50 0.00	11.61 -0.40 -1.85	12.88 -0.56 -2.16	17.61 -0.85 -2.24	17.84 -0.82 0.00	18.88 -0.82 0.00	19.41 -0.81 0.00	23.23 -0.91 0.00	27.32 -1.02 0.00	27.40 -0.98 0.00	22.92 -0.82 0.00	22.32 -0.79 0.00	22.22 -0.92 0.00	27.74 -0.99 -4.35	27.66 -1.11 -4.68	28.74 -1.09 -4.78	26.25 -1.04 -2.38	26.08 -0.97 -3.12	27.10 -0.99 -1.28	20.60 -0.62 0.00	18.40 -0.45 -0.34
MID___RAQUETTE_HYD 23851	18.60 -0.13 0.00	17.53 -0.16 0.00	14.87 -0.20 0.00	11.85 -0.17 0.00	12.71 -0.17 -2.71	14.13 -0.32 -3.17	18.96 -0.54 -3.28	18.18 -0.48 0.00	19.28 -0.42 0.00	19.85 -0.37 0.00	23.81 -0.32 0.00	28.08 -0.25 0.00	28.16 -0.21 0.00	23.51 -0.22 0.00	22.78 -0.34 0.00	22.54 -0.60 0.00	30.13 -0.65 -6.40	30.08 -0.88 -6.87	31.33 -0.74 -7.02	27.68 -0.72 -3.50	27.88 -0.64 -4.58	28.10 -0.59 -1.89	20.98 -0.25 0.00	19.00 0.00 -0.50

MILLIKEN___1 23584	18.88 0.15 0.00	17.80 0.12 0.00	15.14 0.07 0.00	12.07 0.05 0.00	10.23 0.06 0.00	11.35 0.08 0.00	16.39 0.17 0.00	18.88 0.22 0.00	20.00 0.29 0.00	20.48 0.25 0.00	24.46 0.33 0.00	28.67 0.34 0.00	28.72 0.34 0.00	24.01 0.27 0.00	23.40 0.29 0.00	23.55 0.41 0.00	24.86 0.49 0.00	24.57 0.48 0.00	25.54 0.49 0.00	25.43 0.52 0.00	24.40 0.46 0.00	27.34 0.53 0.00	21.60 0.37 0.00	18.86 0.36 0.00
MILLIKEN___2 23585	18.88 0.15 0.00	17.80 0.12 0.00	15.14 0.07 0.00	12.07 0.05 0.00	10.23 0.06 0.00	11.35 0.08 0.00	16.39 0.17 0.00	18.88 0.22 0.00	20.00 0.29 0.00	20.48 0.25 0.00	24.46 0.33 0.00	28.67 0.34 0.00	28.72 0.34 0.00	24.01 0.27 0.00	23.40 0.29 0.00	23.55 0.41 0.00	24.86 0.49 0.00	24.57 0.48 0.00	25.54 0.49 0.00	25.43 0.52 0.00	24.40 0.46 0.00	27.34 0.53 0.00	21.60 0.37 0.00	18.86 0.36 0.00
MILLIKEN___DIESEL 23629	18.88 0.15 0.00	17.80 0.12 0.00	15.14 0.07 0.00	12.07 0.05 0.00	10.23 0.06 0.00	11.35 0.08 0.00	16.39 0.17 0.00	18.88 0.22 0.00	20.00 0.29 0.00	20.48 0.25 0.00	24.46 0.33 0.00	28.67 0.34 0.00	28.72 0.34 0.00	24.01 0.27 0.00	23.40 0.29 0.00	23.55 0.41 0.00	24.86 0.49 0.00	24.57 0.48 0.00	25.54 0.49 0.00	25.43 0.52 0.00	24.40 0.46 0.00	27.34 0.53 0.00	21.60 0.37 0.00	18.86 0.36 0.00
MILLSEAT___LFGE 323607	17.85 -0.88 0.00	16.70 -0.99 0.00	14.22 -0.85 0.00	11.31 -0.72 0.00	9.56 -0.61 0.00	10.59 -0.68 0.00	15.54 -0.68 0.00	17.76 -0.90 0.00	18.94 -0.76 0.00	19.24 -0.99 0.00	22.85 -1.28 0.00	26.74 -1.60 0.00	26.86 -1.51 0.00	22.38 -1.36 0.00	21.80 -1.31 0.00	22.15 -0.99 0.00	23.22 -1.16 0.00	22.89 -1.20 0.00	23.69 -1.36 0.00	23.66 -1.24 0.00	22.92 -1.01 0.00	25.83 -0.97 0.00	20.56 -0.67 0.00	18.19 -0.31 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	19.70 0.97 0.00	18.60 0.91 0.00	15.83 0.76 0.00	12.63 0.61 0.00	10.69 0.52 0.00	11.87 0.59 0.00	17.07 0.85 0.00	19.64 0.98 0.00	20.72 1.01 0.00	21.26 1.04 0.00	25.33 1.19 0.00	29.69 1.36 0.00	29.71 1.34 0.00	24.95 1.21 0.00	24.44 1.33 0.00	24.52 1.38 0.00	25.88 1.50 0.00	25.71 1.62 0.00	26.70 1.65 0.00	26.53 1.62 0.00	25.44 1.51 0.00	28.36 1.55 0.00	22.27 1.04 0.00	19.26 0.75 0.00
MILLWOOD_13_KV_LOAD 356217	19.74 1.01 0.00	18.63 0.95 0.00	15.86 0.79 0.00	12.66 0.63 0.00	10.71 0.54 0.00	11.90 0.62 0.00	17.11 0.89 0.00	19.69 1.02 0.00	20.77 1.07 0.00	21.31 1.09 0.00	25.39 1.25 0.00	29.77 1.44 0.00	29.79 1.42 0.00	25.02 1.28 0.00	24.51 1.39 0.00	24.58 1.44 0.00	25.95 1.57 0.00	25.78 1.69 0.00	26.77 1.73 0.00	26.60 1.69 0.00	25.51 1.58 0.00	28.43 1.62 0.00	22.32 1.10 0.00	19.30 0.80 0.00
MODEL_CITY_ENERGY 24167	17.35 -1.38 0.00	16.22 -1.47 0.00	13.82 -1.25 0.00	10.99 -1.04 0.00	9.29 -0.88 0.00	10.28 -1.00 0.00	15.09 -1.13 0.00	17.21 -1.46 0.00	18.35 -1.36 0.00	18.57 -1.66 0.00	22.04 -2.09 0.00	25.77 -2.57 0.00	25.91 -2.46 0.00	21.60 -2.15 0.00	21.03 -2.08 0.00	21.37 -1.77 0.00	22.37 -2.01 0.00	22.03 -2.06 0.00	22.78 -2.26 0.00	22.79 -2.12 0.00	22.11 -1.83 0.00	24.97 -1.83 0.00	19.92 -1.31 0.00	17.68 -0.82 0.00
MODERN_LFGE___ 323580	17.35 -1.38 0.00	16.22 -1.47 0.00	13.82 -1.25 0.00	10.99 -1.04 0.00	9.29 -0.88 0.00	10.28 -1.00 0.00	15.09 -1.13 0.00	17.21 -1.46 0.00	18.35 -1.36 0.00	18.57 -1.66 0.00	22.04 -2.09 0.00	25.77 -2.57 0.00	25.91 -2.46 0.00	21.60 -2.15 0.00	21.03 -2.08 0.00	21.37 -1.77 0.00	22.37 -2.01 0.00	22.03 -2.06 0.00	22.78 -2.26 0.00	22.79 -2.12 0.00	22.11 -1.83 0.00	24.97 -1.83 0.00	19.92 -1.31 0.00	17.68 -0.82 0.00
MOHAWK_PAPER___DRP 24187	19.14 0.41 0.00	18.13 0.45 0.00	15.49 0.42 0.00	12.36 0.33 0.00	10.44 0.28 0.00	11.61 0.33 0.00	16.66 0.44 0.00	19.12 0.46 0.00	20.16 0.46 0.00	20.71 0.49 0.00	24.65 0.51 0.00	28.90 0.57 0.00	28.94 0.57 0.00	24.29 0.55 0.00	23.73 0.61 0.00	23.76 0.62 0.00	25.05 0.67 0.00	24.90 0.81 0.00	25.81 0.77 0.00	25.65 0.74 0.00	24.55 0.62 0.00	27.40 0.60 0.00	21.57 0.34 0.00	18.71 0.20 0.00
MOHICAN___35_KV_115KV_LD 80490	19.72 0.99 0.00	18.63 0.94 0.00	15.82 0.75 0.00	12.64 0.61 0.00	10.62 0.46 0.00	11.82 0.54 0.00	17.03 0.81 0.00	19.63 0.96 0.00	20.67 0.97 0.00	21.19 0.96 0.00	25.23 1.09 0.00	29.58 1.24 0.00	29.58 1.21 0.00	24.83 1.09 0.00	24.28 1.17 0.00	24.39 1.25 0.00	25.73 1.35 0.00	25.64 1.55 0.00	26.55 1.51 0.00	26.27 1.36 0.00	25.10 1.16 0.00	28.14 1.34 0.00	22.15 0.92 0.00	19.21 0.71 0.00
MONGAUP___HYD 23641	19.46 0.73 0.00	18.36 0.68 0.00	15.66 0.59 0.00	12.47 0.45 0.00	10.57 0.41 0.00	11.72 0.44 0.00	16.79 0.57 0.00	19.49 0.82 0.00	20.50 0.80 0.00	21.01 0.78 0.00	24.88 0.75 0.00	29.24 0.90 0.00	29.21 0.84 0.00	24.62 0.88 0.00	24.02 0.90 0.00	24.09 0.95 0.00	25.53 1.15 0.00	25.28 1.19 0.00	26.25 1.20 0.00	26.13 1.22 0.00	24.99 1.06 0.00	27.85 1.05 0.00	21.86 0.64 0.00	18.94 0.44 0.00
MONTAUK___DIESEL 23721	20.69 1.96 0.00	19.48 1.79 0.00	16.54 1.47 0.00	13.19 1.17 0.00	11.16 0.99 0.00	12.39 1.11 0.00	17.90 1.68 0.00	20.58 1.92 0.00	21.85 2.14 0.00	22.49 2.26 -10.73	37.45 2.58 0.00	31.08 2.74 0.00	31.11 2.74 0.00	26.03 2.29 0.00	25.48 2.37 0.00	25.54 2.40 0.00	27.42 3.04 0.00	27.00 2.91 0.00	28.03 2.99 0.00	28.05 3.14 0.00	26.59 2.65 0.00	29.51 2.71 0.00	24.40 2.16 -1.02	20.28 1.77 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	17.43 -1.30 0.00	16.29 -1.40 0.00	13.98 -1.10 0.00	11.12 -0.90 0.00	9.37 -0.80 0.00	10.41 -0.87 0.00	15.39 -0.83 0.00	17.42 -1.24 0.00	18.68 -1.03 0.00	18.87 -1.36 0.00	22.33 -1.80 0.00	26.18 -2.16 0.00	26.24 -2.13 0.00	21.92 -1.82 0.00	21.53 -1.58 0.00	21.72 -1.42 0.00	22.71 -1.67 0.00	22.66 -1.43 0.00	23.90 -1.14 0.00	24.21 -0.70 0.00	23.60 -0.34 0.00	26.70 -0.10 0.00	21.19 -0.04 0.00	18.70 0.20 0.00
MORTIMER_115KV_TB3 55949	18.01 -0.72 0.00	16.90 -0.79 0.00	14.40 -0.68 0.00	11.46 -0.56 0.00	9.69 -0.47 0.00	10.75 -0.53 0.00	15.66 -0.56 0.00	17.96 -0.71 0.00	19.09 -0.62 0.00	19.50 -0.73 0.00	23.20 -0.94 0.00	27.19 -1.14 0.00	27.26 -1.11 0.00	22.73 -1.02 0.00	22.12 -0.99 0.00	22.36 -0.78 0.00	23.50 -0.88 0.00	23.19 -0.90 0.00	24.01 -1.03 0.00	23.95 -0.96 0.00	23.11 -0.82 0.00	25.98 -0.82 0.00	20.67 -0.56 0.00	18.18 -0.32 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	19.81 1.08 0.00	18.70 1.01 0.00	15.92 0.85 0.00	12.70 0.68 0.00	10.75 0.58 0.00	11.94 0.66 0.00	17.17 0.95 0.00	19.75 1.09 0.00	20.83 1.13 0.00	21.38 1.15 0.00	25.47 1.34 0.00	29.87 1.53 0.00	29.90 1.53 0.00	25.11 1.37 0.00	24.60 1.49 0.00	24.68 1.54 0.00	26.05 1.67 0.00	25.88 1.79 0.00	26.88 1.83 0.00	26.71 1.80 0.00	25.62 1.68 0.00	28.54 1.73 0.00	22.41 1.18 0.00	19.38 0.87 0.00

MUNSVILLE_WIND_PWR 323609	19.30 0.57 0.00	18.28 0.60 0.00	15.51 0.43 0.00	12.35 0.32 0.00	10.42 0.26 0.00	11.56 0.28 0.00	16.73 0.51 0.00	19.34 0.68 0.00	20.52 0.82 0.00	21.05 0.82 0.00	25.20 1.06 0.00	29.46 1.12 0.00	29.32 0.95 0.00	24.59 0.85 0.00	24.01 0.89 0.00	24.31 1.17 0.00	25.88 1.50 0.00	25.69 1.60 0.00	26.72 1.68 0.00	26.56 1.66 0.00	25.46 1.52 0.00	28.48 1.68 0.00	22.40 1.17 0.00	19.71 1.21 0.00
N SALMON___HYD 24042	18.84 0.11 0.00	17.80 0.11 0.00	14.96 -0.11 0.00	11.88 -0.14 0.00	22.00 -0.21 -12.04	25.03 -0.33 -14.08	30.30 -0.49 -14.57	18.41 -0.26 0.00	19.61 -0.10 0.00	20.26 0.03 0.00	24.50 0.36 0.00	28.86 0.52 0.00	29.03 0.66 0.00	24.23 0.49 0.00	23.20 0.08 0.00	23.15 0.01 0.00	52.30 -0.48 -28.40	53.93 -0.65 -30.48	55.63 -0.59 -31.17	39.83 -0.60 -15.52	43.75 -0.53 -20.34	34.74 -0.43 -8.37	21.06 -0.17 0.00	20.61 -0.12 -2.23
N.AKRON___115KV_KNAPP 355671	17.84 -0.89 0.00	16.69 -0.99 0.00	14.22 -0.85 0.00	11.30 -0.72 0.00	9.56 -0.61 0.00	10.59 -0.69 0.00	15.53 -0.69 0.00	17.75 -0.91 0.00	18.93 -0.77 0.00	19.22 -1.01 0.00	22.82 -1.31 0.00	26.71 -1.62 0.00	26.84 -1.53 0.00	22.36 -1.38 0.00	21.79 -1.32 0.00	22.14 -1.00 0.00	23.20 -1.18 0.00	22.87 -1.22 0.00	23.66 -1.38 0.00	23.64 -1.27 0.00	22.90 -1.04 0.00	25.82 -0.99 0.00	20.56 -0.67 0.00	18.18 -0.32 0.00
N.BELMOR_69_KV_BK1 55787	20.10 1.37 0.00	18.96 1.27 0.00	16.12 1.05 0.00	12.86 0.83 0.00	10.87 0.71 0.00	12.07 0.80 0.00	17.41 1.19 0.00	20.01 1.35 0.00	21.17 1.46 0.00	21.77 1.55 0.00	36.69 1.82 -10.73	30.39 2.05 0.00	30.43 2.05 0.00	25.54 1.79 0.00	24.98 1.87 0.00	25.00 1.86 0.00	26.47 2.09 0.00	26.26 2.17 0.00	27.30 2.26 0.00	27.16 2.26 0.00	26.02 2.09 0.00	28.95 2.15 0.00	23.80 1.55 -1.02	19.66 1.16 0.00
N.E_GEN_SANDY PD 24062	19.38 0.65 0.00	18.35 0.66 0.00	15.63 0.56 0.00	12.48 0.45 0.00	10.55 0.38 0.00	11.73 0.45 0.00	16.85 0.63 0.00	19.39 0.72 0.00	20.42 0.71 0.00	20.93 0.70 0.00	24.91 0.78 0.00	29.21 0.87 0.00	29.22 0.84 0.00	24.56 0.82 0.00	24.01 0.90 0.00	24.06 0.92 0.00	24.98 0.96 0.36	25.92 1.15 -0.69	26.15 1.10 0.00	25.97 1.06 0.00	24.86 0.92 0.00	27.70 0.90 0.00	21.77 0.55 0.00	18.44 0.33 0.39
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	19.68 0.94 0.00	18.57 0.89 0.00	15.80 0.73 0.00	12.61 0.58 0.00	10.68 0.51 0.00	11.86 0.58 0.00	17.05 0.83 0.00	19.62 0.96 0.00	20.70 0.99 0.00	21.22 1.00 0.00	25.28 1.15 0.00	29.66 1.32 0.00	29.66 1.29 0.00	24.90 1.16 0.00	24.40 1.28 0.00	24.48 1.34 0.00	25.83 1.46 0.00	25.67 1.57 0.00	26.66 1.62 0.00	26.49 1.59 0.00	25.42 1.49 0.00	28.34 1.54 0.00	22.25 1.02 0.00	19.24 0.73 0.00
N.QUEENS_27_KV_LOAD 356247	19.93 1.20 0.00	18.82 1.14 0.00	16.02 0.94 0.00	12.79 0.76 0.00	10.81 0.65 0.00	12.01 0.73 0.00	17.28 1.06 0.00	19.88 1.22 0.00	20.96 1.25 0.00	21.49 1.27 0.00	25.62 1.49 0.00	30.00 1.66 0.00	30.04 1.67 0.00	25.26 1.53 0.00	24.74 1.63 0.00	24.85 1.70 0.00	26.21 1.83 0.00	26.05 1.96 0.00	27.05 2.01 0.00	26.86 1.96 0.00	25.78 1.85 0.00	28.71 1.90 0.00	22.58 1.35 0.00	19.52 1.01 0.00
N.TROY___115KV_TB1 355778	19.25 0.52 0.00	18.23 0.54 0.00	15.53 0.46 0.00	12.40 0.38 0.00	10.48 0.31 0.00	11.65 0.37 0.00	16.73 0.51 0.00	19.23 0.57 0.00	20.26 0.56 0.00	20.79 0.57 0.00	24.76 0.62 0.00	29.03 0.69 0.00	29.06 0.68 0.00	24.39 0.65 0.00	23.82 0.70 0.00	23.86 0.72 0.00	25.14 0.76 0.00	25.01 0.92 0.00	25.91 0.87 0.00	25.74 0.84 0.00	24.64 0.70 0.00	27.49 0.68 0.00	21.63 0.40 0.00	18.75 0.25 0.00
NARROWS_GT1_1 24228	19.92 1.19 0.00	18.80 1.11 0.00	16.00 0.93 0.00	12.77 0.75 0.00	10.81 0.64 0.00	12.00 0.72 0.00	17.25 1.03 0.00	19.85 1.19 0.00	20.94 1.24 0.00	21.49 1.27 0.00	25.61 1.48 0.00	30.02 1.69 0.00	30.06 1.69 0.00	25.25 1.51 0.00	24.74 1.63 0.00	24.84 1.69 0.00	26.21 1.83 0.00	26.05 1.95 0.00	27.07 2.02 0.00	26.88 1.98 0.00	25.80 1.86 0.00	28.74 1.93 0.00	22.55 1.33 0.00	19.48 0.98 0.00
NARROWS_GT1_2 24229	19.92 1.19 0.00	18.80 1.11 0.00	16.00 0.93 0.00	12.77 0.75 0.00	10.81 0.64 0.00	12.00 0.72 0.00	17.25 1.03 0.00	19.85 1.19 0.00	20.94 1.24 0.00	21.49 1.27 0.00	25.61 1.48 0.00	30.02 1.69 0.00	30.06 1.69 0.00	25.25 1.51 0.00	24.74 1.63 0.00	24.84 1.69 0.00	26.21 1.83 0.00	26.05 1.95 0.00	27.07 2.02 0.00	26.88 1.98 0.00	25.80 1.86 0.00	28.74 1.93 0.00	22.55 1.33 0.00	19.48 0.98 0.00
NARROWS_GT1_3 24230	19.92 1.19 0.00	18.80 1.11 0.00	16.00 0.93 0.00	12.77 0.75 0.00	10.81 0.64 0.00	12.00 0.72 0.00	17.25 1.03 0.00	19.85 1.19 0.00	20.94 1.24 0.00	21.49 1.27 0.00	25.61 1.48 0.00	30.02 1.69 0.00	30.06 1.69 0.00	25.25 1.51 0.00	24.74 1.63 0.00	24.84 1.69 0.00	26.21 1.83 0.00	26.05 1.95 0.00	27.07 2.02 0.00	26.88 1.98 0.00	25.80 1.86 0.00	28.74 1.93 0.00	22.55 1.33 0.00	19.48 0.98 0.00
NARROWS_GT1_4 24231	19.92 1.19 0.00	18.80 1.11 0.00	16.00 0.93 0.00	12.77 0.75 0.00	10.81 0.64 0.00	12.00 0.72 0.00	17.25 1.03 0.00	19.85 1.19 0.00	20.94 1.24 0.00	21.49 1.27 0.00	25.61 1.48 0.00	30.02 1.69 0.00	30.06 1.69 0.00	25.25 1.51 0.00	24.74 1.63 0.00	24.84 1.69 0.00	26.21 1.83 0.00	26.05 1.95 0.00	27.07 2.02 0.00	26.88 1.98 0.00	25.80 1.86 0.00	28.74 1.93 0.00	22.55 1.33 0.00	19.48 0.98 0.00
NARROWS_GT1_5 24232	19.92 1.19 0.00	18.80 1.11 0.00	16.00 0.93 0.00	12.77 0.75 0.00	10.81 0.64 0.00	12.00 0.72 0.00	17.25 1.03 0.00	19.85 1.19 0.00	20.94 1.24 0.00	21.49 1.27 0.00	25.61 1.48 0.00	30.02 1.69 0.00	30.06 1.69 0.00	25.25 1.51 0.00	24.74 1.63 0.00	24.84 1.69 0.00	26.21 1.83 0.00	26.05 1.95 0.00	27.07 2.02 0.00	26.88 1.98 0.00	25.80 1.86 0.00	28.74 1.93 0.00	22.55 1.33 0.00	19.48 0.98 0.00
NARROWS_GT1_6 24233	19.92 1.19 0.00	18.80 1.11 0.00	16.00 0.93 0.00	12.77 0.75 0.00	10.81 0.64 0.00	12.00 0.72 0.00	17.25 1.03 0.00	19.85 1.19 0.00	20.94 1.24 0.00	21.49 1.27 0.00	25.61 1.48 0.00	30.02 1.69 0.00	30.06 1.69 0.00	25.25 1.51 0.00	24.74 1.63 0.00	24.84 1.69 0.00	26.21 1.83 0.00	26.05 1.95 0.00	27.07 2.02 0.00	26.88 1.98 0.00	25.80 1.86 0.00	28.74 1.93 0.00	22.55 1.33 0.00	19.48 0.98 0.00
NARROWS_GT1_7 24234	19.92 1.19 0.00	18.80 1.11 0.00	16.00 0.93 0.00	12.77 0.75 0.00	10.81 0.64 0.00	12.00 0.72 0.00	17.25 1.03 0.00	19.85 1.19 0.00	20.94 1.24 0.00	21.49 1.27 0.00	25.61 1.48 0.00	30.02 1.69 0.00	30.06 1.69 0.00	25.25 1.51 0.00	24.74 1.63 0.00	24.84 1.69 0.00	26.21 1.83 0.00	26.05 1.95 0.00	27.07 2.02 0.00	26.88 1.98 0.00	25.80 1.86 0.00	28.74 1.93 0.00	22.55 1.33 0.00	19.48 0.98 0.00

NARROWS_GT1_8 24235	19.92 1.19 0.00	18.80 1.11 0.00	16.00 0.93 0.00	12.77 0.75 0.00	10.81 0.64 0.00	12.00 0.72 0.00	17.25 1.03 0.00	19.85 1.19 0.00	20.94 1.24 0.00	21.49 1.27 0.00	25.61 1.48 0.00	30.02 1.69 0.00	30.06 1.69 0.00	25.25 1.51 0.00	24.74 1.63 0.00	24.84 1.69 0.00	26.21 1.83 0.00	26.05 1.95 0.00	27.07 2.02 0.00	26.88 1.98 0.00	25.80 1.86 0.00	28.74 1.93 0.00	22.55 1.33 0.00	19.48 0.98 0.00
NARROWS_GT2_1 24236	19.92 1.19 0.00	18.80 1.11 0.00	16.00 0.93 0.00	12.77 0.75 0.00	10.81 0.64 0.00	12.00 0.72 0.00	17.25 1.03 0.00	19.85 1.19 0.00	20.94 1.24 0.00	21.49 1.27 0.00	25.61 1.48 0.00	30.02 1.69 0.00	30.06 1.69 0.00	25.25 1.51 0.00	24.74 1.63 0.00	24.84 1.69 0.00	26.21 1.83 0.00	26.05 1.95 0.00	27.07 2.02 0.00	26.88 1.98 0.00	25.80 1.86 0.00	28.74 1.93 0.00	22.55 1.33 0.00	19.48 0.98 0.00
NARROWS_GT2_2 24237	19.92 1.19 0.00	18.80 1.11 0.00	16.00 0.93 0.00	12.77 0.75 0.00	10.81 0.64 0.00	12.00 0.72 0.00	17.25 1.03 0.00	19.85 1.19 0.00	20.94 1.24 0.00	21.49 1.27 0.00	25.61 1.48 0.00	30.02 1.69 0.00	30.06 1.69 0.00	25.25 1.51 0.00	24.74 1.63 0.00	24.84 1.69 0.00	26.21 1.83 0.00	26.05 1.95 0.00	27.07 2.02 0.00	26.88 1.98 0.00	25.80 1.86 0.00	28.74 1.93 0.00	22.55 1.33 0.00	19.48 0.98 0.00
NARROWS_GT2_3 24238	19.92 1.19 0.00	18.80 1.11 0.00	16.00 0.93 0.00	12.77 0.75 0.00	10.81 0.64 0.00	12.00 0.72 0.00	17.25 1.03 0.00	19.85 1.19 0.00	20.94 1.24 0.00	21.49 1.27 0.00	25.61 1.48 0.00	30.02 1.69 0.00	30.06 1.69 0.00	25.25 1.51 0.00	24.74 1.63 0.00	24.84 1.69 0.00	26.21 1.83 0.00	26.05 1.95 0.00	27.07 2.02 0.00	26.88 1.98 0.00	25.80 1.86 0.00	28.74 1.93 0.00	22.55 1.33 0.00	19.48 0.98 0.00
NARROWS_GT2_4 24239	19.92 1.19 0.00	18.80 1.11 0.00	16.00 0.93 0.00	12.77 0.75 0.00	10.81 0.64 0.00	12.00 0.72 0.00	17.25 1.03 0.00	19.85 1.19 0.00	20.94 1.24 0.00	21.49 1.27 0.00	25.61 1.48 0.00	30.02 1.69 0.00	30.06 1.69 0.00	25.25 1.51 0.00	24.74 1.63 0.00	24.84 1.69 0.00	26.21 1.83 0.00	26.05 1.95 0.00	27.07 2.02 0.00	26.88 1.98 0.00	25.80 1.86 0.00	28.74 1.93 0.00	22.55 1.33 0.00	19.48 0.98 0.00
NARROWS_GT2_5 24240	19.92 1.19 0.00	18.80 1.11 0.00	16.00 0.93 0.00	12.77 0.75 0.00	10.81 0.64 0.00	12.00 0.72 0.00	17.25 1.03 0.00	19.85 1.19 0.00	20.94 1.24 0.00	21.49 1.27 0.00	25.61 1.48 0.00	30.02 1.69 0.00	30.06 1.69 0.00	25.25 1.51 0.00	24.74 1.63 0.00	24.84 1.69 0.00	26.21 1.83 0.00	26.05 1.95 0.00	27.07 2.02 0.00	26.88 1.98 0.00	25.80 1.86 0.00	28.74 1.93 0.00	22.55 1.33 0.00	19.48 0.98 0.00
NARROWS_GT2_6 24241	19.92 1.19 0.00	18.80 1.11 0.00	16.00 0.93 0.00	12.77 0.75 0.00	10.81 0.64 0.00	12.00 0.72 0.00	17.25 1.03 0.00	19.85 1.19 0.00	20.94 1.24 0.00	21.49 1.27 0.00	25.61 1.48 0.00	30.02 1.69 0.00	30.06 1.69 0.00	25.25 1.51 0.00	24.74 1.63 0.00	24.84 1.69 0.00	26.21 1.83 0.00	26.05 1.95 0.00	27.07 2.02 0.00	26.88 1.98 0.00	25.80 1.86 0.00	28.74 1.93 0.00	22.55 1.33 0.00	19.48 0.98 0.00
NARROWS_GT2_7 24242	19.92 1.19 0.00	18.80 1.11 0.00	16.00 0.93 0.00	12.77 0.75 0.00	10.81 0.64 0.00	12.00 0.72 0.00	17.25 1.03 0.00	19.85 1.19 0.00	20.94 1.24 0.00	21.49 1.27 0.00	25.61 1.48 0.00	30.02 1.69 0.00	30.06 1.69 0.00	25.25 1.51 0.00	24.74 1.63 0.00	24.84 1.69 0.00	26.21 1.83 0.00	26.05 1.95 0.00	27.07 2.02 0.00	26.88 1.98 0.00	25.80 1.86 0.00	28.74 1.93 0.00	22.55 1.33 0.00	19.48 0.98 0.00
NARROWS_GT2_8 24243	19.92 1.19 0.00	18.80 1.11 0.00	16.00 0.93 0.00	12.77 0.75 0.00	10.81 0.64 0.00	12.00 0.72 0.00	17.25 1.03 0.00	19.85 1.19 0.00	20.94 1.24 0.00	21.49 1.27 0.00	25.61 1.48 0.00	30.02 1.69 0.00	30.06 1.69 0.00	25.25 1.51 0.00	24.74 1.63 0.00	24.84 1.69 0.00	26.21 1.83 0.00	26.05 1.95 0.00	27.07 2.02 0.00	26.88 1.98 0.00	25.80 1.86 0.00	28.74 1.93 0.00	22.55 1.33 0.00	19.48 0.98 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	19.34 0.61 0.00	18.31 0.63 0.00	15.66 0.59 0.00	12.50 0.48 0.00	10.56 0.40 0.00	11.75 0.47 0.00	16.86 0.64 0.00	19.35 0.69 0.00	20.46 0.75 0.00	21.06 0.83 0.00	25.04 0.90 0.00	29.34 1.01 0.00	29.42 1.05 0.00	24.66 0.92 0.00	24.08 0.96 0.00	24.14 1.00 0.00	25.50 1.12 0.00	25.34 1.25 0.00	26.23 1.19 0.00	26.04 1.14 0.00	24.90 0.96 0.00	27.74 0.93 0.00	21.79 0.57 0.00	18.92 0.41 0.00
NCHELSEA_115KV_TR2 355582	19.80 1.07 0.00	18.69 1.00 0.00	15.91 0.84 0.00	12.69 0.67 0.00	10.74 0.57 0.00	11.93 0.65 0.00	17.16 0.94 0.00	19.76 1.10 0.00	20.85 1.14 0.00	21.40 1.17 0.00	25.49 1.36 0.00	29.91 1.58 0.00	29.92 1.55 0.00	25.13 1.39 0.00	24.60 1.49 0.00	24.69 1.55 0.00	26.06 1.68 0.00	25.89 1.80 0.00	26.88 1.84 0.00	26.70 1.79 0.00	25.59 1.65 0.00	28.51 1.71 0.00	22.39 1.16 0.00	19.35 0.85 0.00
NEG CAPITAL___MECHNVIL 23645	19.51 0.78 0.00	18.45 0.76 0.00	15.70 0.63 0.00	12.54 0.51 0.00	10.58 0.42 0.00	11.77 0.49 0.00	16.92 0.70 0.00	19.48 0.81 0.00	20.55 0.84 0.00	21.08 0.86 0.00	25.12 0.98 0.00	29.45 1.12 0.00	29.49 1.12 0.00	24.74 1.00 0.00	24.16 1.05 0.00	24.23 1.09 0.00	25.56 1.18 0.00	25.41 1.32 0.00	26.34 1.29 0.00	26.13 1.22 0.00	25.00 1.06 0.00	27.92 1.11 0.00	21.97 0.74 0.00	19.04 0.54 0.00
NEG CENTRAL_HIGH_ACRES 23767	17.80 -0.93 0.00	16.72 -0.97 0.00	14.25 -0.83 0.00	11.35 -0.67 0.00	9.60 -0.57 0.00	10.65 -0.63 0.00	15.49 -0.74 0.00	17.77 -0.90 0.00	18.87 -0.83 0.00	19.30 -0.93 0.00	22.99 -1.14 0.00	26.96 -1.38 0.00	27.03 -1.34 0.00	22.54 -1.20 0.00	21.94 -1.18 0.00	22.14 -1.00 0.00	23.31 -1.07 0.00	23.00 -1.09 0.00	23.82 -1.22 0.00	23.74 -1.16 0.00	22.88 -1.05 0.00	25.69 -1.12 0.00	20.39 -0.83 0.00	17.91 -0.59 0.00
NEG CENTRAL___DRP 24199	18.54 -0.19 0.00	17.42 -0.26 0.00	14.82 -0.25 0.00	11.81 -0.21 0.00	10.00 -0.16 0.00	11.11 -0.17 0.00	16.09 -0.13 0.00	18.52 -0.15 0.00	19.64 -0.07 0.00	20.09 -0.14 0.00	23.98 -0.15 0.00	28.12 -0.22 0.00	28.18 -0.19 0.00	23.54 -0.20 0.00	22.94 -0.18 0.00	23.09 -0.05 0.00	24.36 -0.02 0.00	24.04 -0.05 0.00	25.03 -0.01 0.00	24.98 0.08 0.00	23.99 0.05 0.00	26.91 0.10 0.00	21.27 0.04 0.00	18.61 0.11 0.00
NEG CENTRAL___INDECK 23768	18.19 -0.54 0.00	17.03 -0.66 0.00	14.49 -0.58 0.00	11.52 -0.50 0.00	9.73 -0.43 0.00	10.81 -0.46 0.00	15.83 -0.39 0.00	18.21 -0.45 0.00	19.41 -0.30 0.00	19.84 -0.38 0.00	23.55 -0.58 0.00	27.51 -0.83 0.00	27.55 -0.82 0.00	23.02 -0.72 0.00	22.45 -0.67 0.00	22.72 -0.42 0.00	23.93 -0.45 0.00	23.77 -0.32 0.00	24.72 -0.33 0.00	24.70 -0.20 0.00	23.93 -0.01 0.00	26.91 0.10 0.00	21.33 0.10 0.00	18.77 0.27 0.00

NEG CENTRAL___SENECA 23627	18.44 -0.29 0.00	17.29 -0.40 0.00	14.71 -0.36 0.00	11.72 -0.31 0.00	9.92 -0.25 0.00	11.01 -0.26 0.00	16.00 -0.22 0.00	18.42 -0.25 0.00	19.53 -0.17 0.00	19.99 -0.24 0.00	23.83 -0.31 0.00	27.96 -0.37 0.00	28.00 -0.37 0.00	23.37 -0.37 0.00	22.79 -0.33 0.00	22.96 -0.18 0.00	24.20 -0.18 0.00	23.88 -0.21 0.00	24.92 -0.13 0.00	24.88 -0.02 0.00	23.94 0.00 0.00	26.84 0.04 0.00	21.19 -0.03 0.00	18.57 0.06 0.00
NEG CENTRAL___STATE_STREET 24147	18.78 0.05 0.00	17.69 0.01 0.00	15.03 -0.04 0.00	11.98 -0.04 0.00	10.19 0.02 0.00	11.31 0.03 0.00	16.30 0.08 0.00	18.74 0.08 0.00	19.91 0.20 0.00	20.33 0.11 0.00	24.36 0.23 0.00	28.47 0.13 0.00	28.64 0.27 0.00	23.93 0.19 0.00	23.29 0.17 0.00	23.44 0.30 0.00	24.77 0.39 0.00	24.38 0.29 0.00	25.38 0.33 0.00	25.30 0.39 0.00	24.20 0.27 0.00	27.20 0.39 0.00	21.51 0.28 0.00	18.81 0.31 0.00
NEG MILLWOOD___DRP 24198	19.87 1.14 0.00	18.76 1.08 0.00	15.97 0.90 0.00	12.74 0.72 0.00	10.78 0.61 0.00	11.98 0.70 0.00	17.23 1.01 0.00	19.84 1.18 0.00	20.95 1.24 0.00	21.50 1.27 0.00	25.63 1.49 0.00	30.06 1.72 0.00	30.08 1.70 0.00	25.25 1.51 0.00	24.73 1.62 0.00	24.82 1.68 0.00	26.20 1.82 0.00	26.04 1.95 0.00	27.03 1.99 0.00	26.84 1.93 0.00	25.73 1.79 0.00	28.66 1.85 0.00	22.49 1.27 0.00	19.43 0.93 0.00
NEG NORTH_FLCN_SEA 23793	18.79 0.06 0.00	17.85 0.16 0.00	14.95 -0.12 0.00	11.86 -0.16 0.00	-7.65 -0.25 17.56	-9.64 -0.38 20.54	-5.64 -0.62 21.25	18.26 -0.40 0.00	19.33 -0.37 0.00	19.96 -0.26 0.00	24.27 0.14 0.00	28.62 0.28 0.00	28.87 0.50 0.00	24.13 0.38 0.00	23.05 -0.06 0.00	22.92 -0.22 0.00	-17.89 -0.87 41.40	-21.31 -0.96 44.44	-21.21 -0.81 45.45	1.50 -0.78 22.63	-6.43 -0.71 29.66	14.00 -0.61 12.20	20.87 -0.36 0.00	14.83 -0.43 3.25
NEG NORTH_KES_CHATEGAY 23792	18.71 -0.02 0.00	17.70 0.02 0.00	14.83 -0.24 0.00	11.77 -0.25 0.00	-8.87 -0.33 18.71	-11.05 -0.45 21.88	-7.06 -0.64 22.64	18.25 -0.40 0.00	19.42 -0.28 0.00	20.08 -0.14 0.00	24.35 0.22 0.00	28.68 0.34 0.00	28.88 0.51 0.00	24.11 0.37 0.00	23.02 -0.09 0.00	22.84 -0.30 0.00	-20.52 -0.79 44.12	-24.19 -0.92 47.36	-24.28 -0.90 48.43	-0.11 -0.90 24.12	-8.48 -0.81 31.61	13.08 -0.73 13.00	20.82 -0.40 0.00	14.68 -0.36 3.46
NEG NORTH___ALICE_FALLS 23915	18.84 0.10 0.00	17.86 0.18 0.00	14.96 -0.11 0.00	11.86 -0.16 0.00	-7.83 -0.25 17.75	-9.84 -0.36 20.75	-5.81 -0.56 21.47	18.35 -0.31 0.00	19.48 -0.22 0.00	20.13 -0.09 0.00	24.46 0.33 0.00	28.83 0.49 0.00	29.07 0.70 0.00	24.28 0.54 0.00	23.20 0.08 0.00	23.16 0.02 0.00	-18.11 -0.65 41.84	-21.58 -0.76 44.91	-21.55 -0.67 45.92	1.36 -0.68 22.87	-6.65 -0.61 29.97	13.97 -0.51 12.33	20.94 -0.28 0.00	14.89 -0.33 3.28
NEG NORTH___LWR_SARANAC 23913	18.84 0.10 0.00	17.86 0.18 0.00	14.96 -0.11 0.00	11.86 -0.16 0.00	-7.83 -0.25 17.75	-9.84 -0.36 20.75	-5.81 -0.56 21.47	18.35 -0.31 0.00	19.48 -0.22 0.00	20.13 -0.09 0.00	24.46 0.33 0.00	28.83 0.49 0.00	29.07 0.70 0.00	24.28 0.54 0.00	23.20 0.08 0.00	23.16 0.02 0.00	-18.11 -0.65 41.84	-21.58 -0.76 44.91	-21.55 -0.67 45.92	1.36 -0.68 22.87	-6.65 -0.61 29.97	13.97 -0.51 12.33	20.94 -0.28 0.00	14.89 -0.33 3.28
NEG NORTH___PLATTSBURG 23628	18.84 0.10 0.00	17.86 0.18 0.00	14.96 -0.11 0.00	11.86 -0.16 0.00	-7.83 -0.25 17.75	-9.84 -0.36 20.75	-5.81 -0.56 21.47	18.35 -0.31 0.00	19.48 -0.22 0.00	20.13 -0.09 0.00	24.46 0.33 0.00	28.83 0.49 0.00	29.07 0.70 0.00	24.28 0.54 0.00	23.20 0.08 0.00	23.16 0.02 0.00	-18.12 -0.66 41.84	-21.58 -0.76 44.91	-21.55 -0.68 45.92	1.36 -0.68 22.87	-6.65 -0.61 29.97	13.97 -0.51 12.33	20.94 -0.28 0.00	14.89 -0.33 3.28
NEG WEST_LEA_LOCKPORT 23791	17.49 -1.24 0.00	16.36 -1.33 0.00	13.94 -1.13 0.00	11.08 -0.94 0.00	9.37 -0.80 0.00	10.37 -0.91 0.00	15.22 -1.00 0.00	17.37 -1.29 0.00	18.53 -1.18 0.00	18.78 -1.45 0.00	22.28 -1.85 0.00	26.07 -2.27 0.00	26.21 -2.17 0.00	21.83 -1.91 0.00	21.27 -1.85 0.00	21.61 -1.53 0.00	22.62 -1.76 0.00	22.29 -1.80 0.00	23.06 -1.99 0.00	23.06 -1.84 0.00	22.37 -1.56 0.00	25.27 -1.53 0.00	20.16 -1.06 0.00	17.89 -0.61 0.00
NEG WEST___LANCASTER 23811	18.33 -0.40 0.00	17.16 -0.53 0.00	14.61 -0.46 0.00	11.62 -0.40 0.00	9.83 -0.34 0.00	10.90 -0.39 0.00	15.96 -0.26 0.00	18.29 -0.38 0.00	19.49 -0.22 0.00	19.83 -0.39 0.00	23.53 -0.61 0.00	27.54 -0.79 0.00	27.57 -0.80 0.00	22.95 -0.78 0.00	22.36 -0.76 0.00	22.66 -0.48 0.00	23.74 -0.64 0.00	23.51 -0.59 0.00	24.35 -0.70 0.00	24.35 -0.55 0.00	23.60 -0.33 0.00	26.64 -0.16 0.00	21.22 -0.01 0.00	18.73 0.23 0.00
NEG_PENN_ALLEGHNY 23528	18.62 -0.11 0.00	17.56 -0.13 0.00	14.95 -0.12 0.00	11.92 -0.10 0.00	10.09 -0.08 0.00	11.19 -0.09 0.00	16.16 -0.06 0.00	18.62 -0.05 0.00	19.67 -0.04 0.00	20.17 -0.06 0.00	24.01 -0.12 0.00	28.20 -0.13 0.00	28.16 -0.21 0.00	23.57 -0.17 0.00	23.01 -0.10 0.00	23.13 -0.01 0.00	24.37 -0.01 0.00	24.15 0.06 0.00	25.11 0.06 0.00	25.02 0.11 0.00	24.06 0.12 0.00	26.95 0.14 0.00	21.26 0.03 0.00	18.55 0.05 0.00
NEG___GEN_MONROE 24207	18.10 -0.63 0.00	16.97 -0.72 0.00	14.45 -0.62 0.00	11.51 -0.52 0.00	9.72 -0.44 0.00	10.79 -0.49 0.00	15.74 -0.48 0.00	18.05 -0.62 0.00	19.20 -0.50 0.00	19.59 -0.64 0.00	23.31 -0.83 0.00	27.31 -1.03 0.00	27.38 -0.99 0.00	22.82 -0.92 0.00	22.23 -0.89 0.00	22.49 -0.65 0.00	23.64 -0.74 0.00	23.32 -0.77 0.00	24.15 -0.89 0.00	24.08 -0.82 0.00	23.26 -0.68 0.00	26.16 -0.65 0.00	20.79 -0.44 0.00	18.30 -0.21 0.00
NEPA___ENERGY 23901	17.77 -0.96 0.00	16.64 -1.05 0.00	14.15 -0.93 0.00	11.26 -0.76 0.00	9.54 -0.63 0.00	10.58 -0.70 0.00	15.48 -0.74 0.00	17.77 -0.89 0.00	18.89 -0.82 0.00	19.20 -1.02 0.00	22.76 -1.38 0.00	26.68 -1.65 0.00	26.62 -1.75 0.00	22.21 -1.53 0.00	21.77 -1.35 0.00	22.01 -1.14 0.00	23.06 -1.32 0.00	22.86 -1.23 0.00	23.88 -1.17 0.00	23.97 -0.94 0.00	23.21 -0.72 0.00	26.22 -0.59 0.00	20.65 -0.57 0.00	18.16 -0.34 0.00
NEVERSink___HYD 23608	19.89 1.15 0.00	18.76 1.07 0.00	15.96 0.89 0.00	12.74 0.72 0.00	10.79 0.62 0.00	11.98 0.70 0.00	17.24 1.02 0.00	19.89 1.22 0.00	20.99 1.28 0.00	21.54 1.32 0.00	25.68 1.55 0.00	30.14 1.80 0.00	30.14 1.77 0.00	25.29 1.55 0.00	24.76 1.64 0.00	24.85 1.71 0.00	26.24 1.86 0.00	26.05 1.96 0.00	27.05 2.00 0.00	26.87 1.97 0.00	25.77 1.84 0.00	28.70 1.90 0.00	22.55 1.33 0.00	19.49 0.99 0.00
NEWKRMKL_115KV_TB1 55635	18.96 0.23 0.00	17.97 0.28 0.00	15.37 0.30 0.00	12.26 0.24 0.00	10.37 0.21 0.00	11.52 0.24 0.00	16.53 0.31 0.00	18.93 0.27 0.00	19.96 0.25 0.00	20.52 0.29 0.00	24.40 0.27 0.00	28.62 0.28 0.00	28.66 0.28 0.00	24.05 0.31 0.00	23.49 0.38 0.00	23.53 0.39 0.00	24.81 0.43 0.00	24.65 0.56 0.00	25.55 0.51 0.00	25.39 0.48 0.00	24.31 0.37 0.00	27.13 0.32 0.00	21.35 0.12 0.00	18.55 0.04 0.00

NEWTON___FALLS_HYD 23847	18.06 -0.67 0.00	17.02 -0.67 0.00	14.45 -0.62 0.00	11.52 -0.50 0.00	11.61 -0.40 -1.85	12.88 -0.56 -2.16	17.61 -0.85 -2.24	17.84 -0.82 0.00	18.88 -0.82 0.00	19.41 -0.81 0.00	23.23 -0.91 0.00	27.32 -1.02 0.00	27.40 -0.98 0.00	22.92 -0.82 0.00	22.32 -0.79 0.00	22.22 -0.92 0.00	27.74 -0.99 -4.35	27.66 -1.11 -4.68	28.74 -1.09 -4.78	26.25 -1.04 -2.38	26.08 -0.97 -3.12	27.10 -0.99 -1.28	20.60 -0.62 0.00	18.40 -0.45 -0.34
NGRID_A1_DSASP 323792	17.20 -1.53 0.00	16.09 -1.60 0.00	13.71 -1.37 0.00	10.90 -1.13 0.00	9.21 -0.96 0.00	10.20 -1.08 0.00	14.96 -1.27 0.00	17.05 -1.62 0.00	18.19 -1.52 0.00	18.49 -1.74 0.00	21.93 -2.20 0.00	25.64 -2.69 0.00	25.79 -2.58 0.00	21.47 -2.27 0.00	20.90 -2.22 0.00	21.24 -1.90 0.00	22.21 -2.17 0.00	21.87 -2.23 0.00	22.60 -2.44 0.00	22.60 -2.31 0.00	21.94 -2.00 0.00	24.79 -2.01 0.00	19.81 -1.42 0.00	17.60 -0.90 0.00
NGRID_A2_DSASP 323793	17.20 -1.53 0.00	16.09 -1.60 0.00	13.71 -1.37 0.00	10.90 -1.13 0.00	9.21 -0.96 0.00	10.20 -1.08 0.00	14.96 -1.27 0.00	17.05 -1.62 0.00	18.19 -1.52 0.00	18.49 -1.74 0.00	21.93 -2.20 0.00	25.64 -2.69 0.00	25.79 -2.58 0.00	21.47 -2.27 0.00	20.90 -2.22 0.00	21.24 -1.90 0.00	22.21 -2.17 0.00	21.87 -2.23 0.00	22.60 -2.44 0.00	22.60 -2.31 0.00	21.94 -2.00 0.00	24.79 -2.01 0.00	19.81 -1.42 0.00	17.60 -0.90 0.00
NGRID_A4_DSASP 323807	17.20 -1.53 0.00	16.09 -1.60 0.00	13.71 -1.37 0.00	10.90 -1.13 0.00	9.21 -0.96 0.00	10.20 -1.08 0.00	14.96 -1.27 0.00	17.05 -1.62 0.00	18.19 -1.52 0.00	18.49 -1.74 0.00	21.93 -2.20 0.00	25.64 -2.69 0.00	25.79 -2.58 0.00	21.47 -2.27 0.00	20.90 -2.22 0.00	21.24 -1.90 0.00	22.21 -2.17 0.00	21.87 -2.23 0.00	22.60 -2.44 0.00	22.60 -2.31 0.00	21.94 -2.00 0.00	24.79 -2.01 0.00	19.81 -1.42 0.00	17.60 -0.90 0.00
NIAGARA_115E_LBMP 323715	17.25 -1.48 0.00	16.14 -1.55 0.00	13.75 -1.32 0.00	10.93 -1.09 0.00	9.24 -0.93 0.00	10.23 -1.05 0.00	15.00 -1.22 0.00	17.11 -1.56 0.00	18.24 -1.47 0.00	18.44 -1.79 0.00	21.89 -2.25 0.00	25.59 -2.75 0.00	25.73 -2.64 0.00	21.45 -2.29 0.00	20.88 -2.24 0.00	21.23 -1.91 0.00	22.20 -2.17 0.00	21.87 -2.22 0.00	22.61 -2.44 0.00	22.61 -2.30 0.00	21.94 -1.99 0.00	24.80 -2.01 0.00	19.78 -1.44 0.00	17.58 -0.93 0.00
NIAGARA_115W_LBMP 323714	17.16 -1.57 0.00	16.06 -1.63 0.00	13.68 -1.39 0.00	10.88 -1.15 0.00	9.19 -0.98 0.00	10.17 -1.11 0.00	14.92 -1.29 0.00	17.01 -1.65 0.00	18.16 -1.55 0.00	18.45 -1.77 0.00	21.89 -2.24 0.00	25.59 -2.75 0.00	25.74 -2.64 0.00	21.43 -2.31 0.00	20.85 -2.26 0.00	21.20 -1.94 0.00	22.17 -2.21 0.00	21.82 -2.28 0.00	22.55 -2.49 0.00	22.55 -2.36 0.00	21.89 -2.04 0.00	24.74 -2.07 0.00	19.77 -1.46 0.00	17.56 -0.94 0.00
NIAGARA_230_LBMP 323716	17.33 -1.40 0.00	16.21 -1.48 0.00	13.81 -1.26 0.00	10.99 -1.04 0.00	9.28 -0.88 0.00	10.28 -1.00 0.00	15.07 -1.15 0.00	17.20 -1.46 0.00	18.35 -1.35 0.00	18.64 -1.58 0.00	22.12 -2.02 0.00	25.86 -2.47 0.00	25.98 -2.39 0.00	21.62 -2.12 0.00	21.05 -2.07 0.00	21.38 -1.76 0.00	22.36 -2.02 0.00	22.03 -2.07 0.00	22.77 -2.27 0.00	22.76 -2.15 0.00	22.10 -1.84 0.00	24.97 -1.84 0.00	19.95 -1.28 0.00	17.71 -0.80 0.00
NIAGARA___115KV_198_GIBSON 55903	17.16 -1.57 0.00	16.06 -1.63 0.00	13.68 -1.39 0.00	10.88 -1.15 0.00	9.19 -0.98 0.00	10.17 -1.11 0.00	14.92 -1.29 0.00	17.01 -1.65 0.00	18.16 -1.55 0.00	18.45 -1.78 0.00	21.88 -2.25 0.00	25.59 -2.75 0.00	25.74 -2.64 0.00	21.43 -2.31 0.00	20.85 -2.26 0.00	21.20 -1.94 0.00	22.16 -2.22 0.00	21.81 -2.28 0.00	22.55 -2.50 0.00	22.55 -2.36 0.00	21.88 -2.05 0.00	24.74 -2.07 0.00	19.77 -1.45 0.00	17.56 -0.94 0.00
NIAGARA____ 23760	17.33 -1.40 0.00	16.21 -1.48 0.00	13.81 -1.26 0.00	10.99 -1.04 0.00	9.28 -0.88 0.00	10.28 -1.00 0.00	15.07 -1.15 0.00	17.20 -1.46 0.00	18.35 -1.35 0.00	18.64 -1.58 0.00	22.12 -2.02 0.00	25.86 -2.47 0.00	25.98 -2.39 0.00	21.62 -2.12 0.00	21.05 -2.07 0.00	21.38 -1.76 0.00	22.36 -2.02 0.00	22.03 -2.07 0.00	22.77 -2.27 0.00	22.76 -2.15 0.00	22.10 -1.84 0.00	24.97 -1.84 0.00	19.95 -1.28 0.00	17.71 -0.80 0.00
NINE_MILE_1 23575	18.11 -0.62 0.00	17.08 -0.61 0.00	14.56 -0.51 0.00	11.61 -0.41 0.00	9.82 -0.35 0.00	10.90 -0.38 0.00	15.70 -0.52 0.00	18.03 -0.63 0.00	19.03 -0.68 0.00	19.51 -0.71 0.00	23.29 -0.85 0.00	27.37 -0.96 0.00	27.40 -0.97 0.00	22.88 -0.86 0.00	22.24 -0.88 0.00	22.31 -0.83 0.00	23.51 -0.87 0.00	23.23 -0.86 0.00	24.10 -0.95 0.00	23.97 -0.94 0.00	23.04 -0.89 0.00	25.81 -0.99 0.00	20.53 -0.70 0.00	17.95 -0.55 0.00
NINE_MILE_2 23744	18.11 -0.62 0.00	17.08 -0.61 0.00	14.56 -0.51 0.00	11.61 -0.41 0.00	9.82 -0.34 0.00	10.90 -0.38 0.00	15.70 -0.52 0.00	18.04 -0.63 0.00	19.03 -0.68 0.00	19.51 -0.71 0.00	23.29 -0.84 0.00	27.37 -0.96 0.00	27.41 -0.97 0.00	22.89 -0.86 0.00	22.24 -0.88 0.00	22.31 -0.83 0.00	23.51 -0.87 0.00	23.23 -0.86 0.00	24.10 -0.95 0.00	23.97 -0.94 0.00	23.04 -0.89 0.00	25.81 -0.99 0.00	20.53 -0.70 0.00	17.95 -0.55 0.00
NM_CAPITAL___DRP 24208	19.01 0.28 0.00	18.02 0.33 0.00	15.40 0.33 0.00	12.29 0.26 0.00	10.39 0.22 0.00	11.54 0.27 0.00	16.56 0.34 0.00	18.98 0.32 0.00	20.01 0.30 0.00	20.56 0.33 0.00	24.45 0.32 0.00	28.66 0.33 0.00	28.70 0.33 0.00	24.09 0.35 0.00	23.54 0.42 0.00	23.57 0.43 0.00	24.85 0.47 0.00	24.70 0.60 0.00	25.60 0.55 0.00	25.44 0.53 0.00	24.35 0.41 0.00	27.18 0.37 0.00	21.39 0.16 0.00	18.57 0.07 0.00
NM_CENTRAL___DRP 24181	18.45 -0.28 0.00	17.40 -0.29 0.00	14.82 -0.25 0.00	11.82 -0.20 0.00	10.00 -0.16 0.00	11.10 -0.18 0.00	16.01 -0.21 0.00	18.41 -0.26 0.00	19.43 -0.27 0.00	19.92 -0.30 0.00	23.78 -0.35 0.00	27.93 -0.41 0.00	27.96 -0.41 0.00	23.36 -0.38 0.00	22.73 -0.38 0.00	22.84 -0.30 0.00	24.08 -0.29 0.00	23.81 -0.27 0.00	24.69 -0.35 0.00	24.58 -0.33 0.00	23.61 -0.33 0.00	26.44 -0.36 0.00	20.98 -0.25 0.00	18.33 -0.17 0.00
NM_FRONTIER___DRP 24179	17.16 -1.57 0.00	16.06 -1.63 0.00	13.68 -1.39 0.00	10.88 -1.15 0.00	9.19 -0.98 0.00	10.17 -1.11 0.00	14.92 -1.29 0.00	17.01 -1.65 0.00	18.16 -1.55 0.00	18.45 -1.78 0.00	21.88 -2.25 0.00	25.59 -2.75 0.00	25.74 -2.64 0.00	21.43 -2.31 0.00	20.85 -2.26 0.00	21.20 -1.94 0.00	22.16 -2.22 0.00	21.81 -2.28 0.00	22.55 -2.50 0.00	22.55 -2.36 0.00	21.88 -2.05 0.00	24.74 -2.07 0.00	19.77 -1.45 0.00	17.56 -0.94 0.00
NM_ST_REGIS___HYD 24053	18.67 -0.07 0.00	17.60 -0.09 0.00	14.89 -0.18 0.00	11.86 -0.16 0.00	14.62 -0.18 -4.64	16.37 -0.33 -5.42	21.29 -0.53 -5.61	18.24 -0.43 0.00	19.36 -0.34 0.00	19.95 -0.27 0.00	23.99 -0.14 0.00	28.29 -0.05 0.00	28.39 0.02 0.00	23.71 -0.04 0.00	22.89 -0.23 0.00	22.70 -0.44 0.00	34.69 -0.62 -10.93	34.99 -0.83 -11.73	36.33 -0.71 -11.99	30.18 -0.70 -5.97	31.15 -0.61 -7.83	29.47 -0.56 -3.22	21.00 -0.23 0.00	19.32 -0.04 -0.86

NORTHPORT___1 23551	20.06 1.33 0.00	18.96 1.27 0.00	16.12 1.05 0.00	12.87 0.85 0.00	10.89 0.72 0.00	12.08 0.80 0.00	17.42 1.20 0.00	19.99 1.33 0.00	21.15 1.45 0.00	21.75 1.53 0.00	36.64 1.78 -10.73	30.31 1.98 0.00	30.34 1.96 0.00	25.42 1.68 0.00	24.85 1.73 0.00	24.84 1.70 0.00	26.30 1.92 0.00	26.03 1.94 0.00	27.10 2.05 0.00	27.03 2.12 0.00	25.89 1.96 0.00	28.83 2.02 0.00	23.78 1.54 -1.02	19.70 1.20 0.00
NORTHPORT___2 23552	20.06 1.33 0.00	18.96 1.27 0.00	16.12 1.05 0.00	12.87 0.85 0.00	10.89 0.72 0.00	12.08 0.80 0.00	17.42 1.20 0.00	19.99 1.33 0.00	21.15 1.45 0.00	21.75 1.53 0.00	36.64 1.78 -10.73	30.31 1.98 0.00	30.34 1.96 0.00	25.42 1.68 0.00	24.85 1.73 0.00	24.84 1.70 0.00	26.30 1.92 0.00	26.03 1.94 0.00	27.10 2.05 0.00	27.03 2.12 0.00	25.89 1.96 0.00	28.83 2.02 0.00	23.78 1.54 -1.02	19.70 1.20 0.00
NORTHPORT___3 23553	20.01 1.28 0.00	18.90 1.21 0.00	16.07 0.99 0.00	12.82 0.80 0.00	10.85 0.68 0.00	12.04 0.76 0.00	17.35 1.13 0.00	19.90 1.24 0.00	21.05 1.35 0.00	21.66 1.44 0.00	36.54 1.67 -10.73	30.24 1.90 0.00	30.27 1.90 0.00	25.38 1.64 0.00	24.77 1.65 0.00	24.74 1.60 0.00	26.17 1.79 0.00	25.94 1.84 0.00	26.98 1.94 0.00	26.83 1.92 0.00	25.70 1.76 0.00	28.64 1.84 0.00	23.61 1.37 -1.02	19.54 1.03 0.00
NORTHPORT___4 23650	20.01 1.28 0.00	18.90 1.21 0.00	16.07 0.99 0.00	12.82 0.80 0.00	10.85 0.68 0.00	12.04 0.76 0.00	17.35 1.13 0.00	19.90 1.24 0.00	21.05 1.35 0.00	21.66 1.44 0.00	36.54 1.67 -10.73	30.24 1.90 0.00	30.27 1.90 0.00	25.38 1.64 0.00	24.77 1.65 0.00	24.74 1.60 0.00	26.17 1.79 0.00	25.94 1.84 0.00	26.98 1.94 0.00	26.83 1.92 0.00	25.70 1.76 0.00	28.64 1.84 0.00	23.61 1.37 -1.02	19.54 1.03 0.00
NORTHPORT___IC 23718	20.06 1.33 0.00	18.96 1.27 0.00	16.12 1.05 0.00	12.87 0.85 0.00	10.89 0.72 0.00	12.08 0.80 0.00	17.42 1.20 0.00	19.99 1.33 0.00	21.15 1.45 0.00	21.75 1.53 0.00	36.64 1.78 -10.73	30.31 1.98 0.00	30.34 1.96 0.00	25.42 1.68 0.00	24.85 1.73 0.00	24.84 1.70 0.00	26.30 1.92 0.00	26.03 1.94 0.00	27.10 2.05 0.00	27.03 2.12 0.00	25.89 1.96 0.00	28.83 2.02 0.00	23.78 1.54 -1.02	19.70 1.20 0.00
NORTH___COUNTRY_ESR 323785	18.64 -0.09 0.00	17.64 -0.04 0.00	14.78 -0.29 0.00	11.73 -0.29 0.00	-8.93 -0.36 18.74	-11.12 -0.49 21.92	-7.16 -0.71 22.67	18.17 -0.50 0.00	19.35 -0.36 0.00	20.00 -0.22 0.00	24.25 0.12 0.00	28.57 0.23 0.00	28.77 0.40 0.00	24.02 0.28 0.00	22.94 -0.17 0.00	22.73 -0.41 0.00	-20.70 -0.90 44.18	-24.38 -1.05 47.42	-24.46 -1.02 48.49	-0.26 -1.02 24.15	-8.63 -0.92 31.65	12.93 -0.86 13.02	20.73 -0.49 0.00	14.59 -0.44 3.47
NPX_GEN_1385_PROXY 323591	19.82 1.09 0.00	18.86 1.17 0.00	16.04 0.97 0.00	12.87 0.85 0.00	10.89 0.72 0.00	12.01 0.74 0.00	17.37 1.15 0.00	19.94 1.22 -0.06	21.04 1.33 0.00	21.64 1.42 0.00	36.50 1.64 -10.73	30.29 1.81 -0.14	30.03 1.66 0.00	25.05 1.31 0.00	24.49 1.37 0.00	24.46 1.32 0.00	29.52 1.33 -3.82	25.41 1.32 0.00	26.46 1.41 0.00	26.37 1.46 0.00	25.38 1.44 0.00	28.19 1.39 0.00	23.47 1.22 -1.02	19.07 0.97 0.40
NPX_GEN_CSC 323557	20.26 1.53 0.00	19.10 1.42 0.00	16.23 1.16 0.00	12.94 0.92 0.00	10.95 0.79 0.00	12.16 0.88 0.00	17.55 1.33 0.00	20.22 1.50 -0.06	21.37 1.67 0.00	21.94 1.71 0.00	36.67 1.80 -10.73	30.27 1.79 -0.14	30.16 1.79 0.00	25.27 1.53 0.00	24.73 1.61 0.00	24.77 1.63 0.00	30.42 2.23 -3.82	26.17 2.08 0.00	27.31 2.26 0.00	27.38 2.47 0.00	25.91 1.98 0.00	28.78 1.97 0.00	23.86 1.61 -1.02	19.46 1.36 0.40
NSINS_S_GLNS_FALLS 23858	19.71 0.98 0.00	18.62 0.94 0.00	15.81 0.74 0.00	12.63 0.61 0.00	10.61 0.45 0.00	11.81 0.53 0.00	17.01 0.79 0.00	19.59 0.93 0.00	20.64 0.93 0.00	21.16 0.94 0.00	25.20 1.06 0.00	29.54 1.21 0.00	29.55 1.17 0.00	24.80 1.06 0.00	24.24 1.13 0.00	24.35 1.21 0.00	25.70 1.32 0.00	25.61 1.52 0.00	26.52 1.48 0.00	26.24 1.33 0.00	25.08 1.14 0.00	28.13 1.32 0.00	22.14 0.91 0.00	19.20 0.70 0.00
NUCOR_STEEL___DRP 24197	18.78 0.06 0.00	17.71 0.02 0.00	15.04 -0.03 0.00	11.99 -0.03 0.00	10.20 0.03 0.00	11.32 0.04 0.00	16.31 0.09 0.00	18.75 0.09 0.00	19.92 0.21 0.00	20.33 0.11 0.00	24.38 0.25 0.00	28.48 0.14 0.00	28.66 0.29 0.00	23.95 0.21 0.00	23.30 0.18 0.00	23.44 0.30 0.00	24.78 0.40 0.00	24.38 0.28 0.00	25.39 0.34 0.00	25.30 0.39 0.00	24.19 0.25 0.00	27.21 0.40 0.00	21.52 0.29 0.00	18.82 0.32 0.00
NUMBER_THREE_WT_PWR 323818	17.85 -0.88 0.00	16.84 -0.85 0.00	14.30 -0.78 0.00	11.41 -0.61 0.00	10.54 -0.44 -0.81	11.66 -0.57 -0.95	16.35 -0.85 -0.98	17.84 -0.82 0.00	18.84 -0.86 0.00	19.33 -0.90 0.00	23.07 -1.07 0.00	27.06 -1.28 0.00	27.15 -1.22 0.00	22.76 -0.98 0.00	22.29 -0.82 0.00	22.30 -0.84 0.00	25.37 -0.93 -1.92	25.21 -0.94 -2.06	26.15 -1.00 -2.11	25.04 -0.92 -1.05	24.41 -0.89 -1.38	26.49 -0.88 -0.57	20.63 -0.59 0.00	18.12 -0.53 -0.15
NYISO_LBMP_REFERENCE 24008	18.73 0.00 0.00	17.69 0.00 0.00	15.07 0.00 0.00	12.02 0.00 0.00	10.17 0.00 0.00	11.28 0.00 0.00	16.22 0.00 0.00	18.66 0.00 0.00	19.71 0.00 0.00	20.22 0.00 0.00	24.13 0.00 0.00	28.33 0.00 0.00	28.37 0.00 0.00	23.74 0.00 0.00	23.12 0.00 0.00	23.14 0.00 0.00	24.38 0.00 0.00	24.09 0.00 0.00	25.04 0.00 0.00	24.91 0.00 0.00	23.93 0.00 0.00	26.81 0.00 0.00	21.23 0.00 0.00	18.50 0.00 0.00
NYPA_BRENTWD___GT 24164	20.27 1.54 0.00	19.13 1.45 0.00	16.26 1.19 0.00	12.98 0.95 0.00	10.97 0.81 0.00	12.18 0.90 0.00	17.58 1.36 0.00	20.19 1.52 0.00	21.38 1.67 0.00	21.99 1.77 0.00	36.90 2.03 -10.73	30.61 2.28 0.00	30.65 2.27 0.00	25.69 1.96 0.00	25.14 2.02 0.00	25.15 2.02 0.00	26.67 2.29 0.00	26.38 2.29 0.00	27.51 2.46 0.00	27.43 2.52 0.00	26.22 2.29 0.00	29.16 2.36 0.00	24.03 1.78 -1.02	19.89 1.39 0.00
NYPA_GOWANUS___GT5 24156	19.92 1.19 0.00	18.80 1.11 0.00	16.00 0.93 0.00	12.77 0.75 0.00	10.81 0.64 0.00	12.00 0.72 0.00	17.25 1.03 0.00	19.85 1.19 0.00	20.94 1.24 0.00	21.49 1.27 0.00	25.61 1.48 0.00	30.02 1.69 0.00	30.06 1.69 0.00	25.25 1.51 0.00	24.74 1.63 0.00	24.84 1.69 0.00	26.21 1.83 0.00	26.05 1.95 0.00	27.07 2.02 0.00	26.88 1.98 0.00	25.80 1.86 0.00	28.74 1.93 0.00	22.55 1.33 0.00	19.48 0.98 0.00
NYPA_GOWANUS___GT6 24157	19.92 1.19 0.00	18.80 1.11 0.00	16.00 0.93 0.00	12.77 0.75 0.00	10.81 0.64 0.00	12.00 0.72 0.00	17.25 1.03 0.00	19.85 1.19 0.00	20.94 1.24 0.00	21.49 1.27 0.00	25.61 1.48 0.00	30.02 1.69 0.00	30.06 1.69 0.00	25.25 1.51 0.00	24.74 1.63 0.00	24.84 1.69 0.00	26.21 1.83 0.00	26.05 1.95 0.00	27.07 2.02 0.00	26.88 1.98 0.00	25.80 1.86 0.00	28.74 1.93 0.00	22.55 1.33 0.00	19.48 0.98 0.00

NYPA_HARLEM__RVR__GT1 24160	19.89 1.15 0.00	18.78 1.09 0.00	15.98 0.91 0.00	12.76 0.74 0.00	10.79 0.63 0.00	11.99 0.71 0.00	17.24 1.02 0.00	19.84 1.17 0.00	20.91 1.21 0.00	21.44 1.22 0.00	25.55 1.42 0.00	29.93 1.60 0.00	29.97 1.60 0.00	25.21 1.47 0.00	24.69 1.57 0.00	24.78 1.64 0.00	26.15 1.77 0.00	25.99 1.90 0.00	26.99 1.94 0.00	26.80 1.90 0.00	25.72 1.78 0.00	28.64 1.83 0.00	22.53 1.30 0.00	19.46 0.96 0.00
NYPA_HARLEM__RVR__GT2 24161	19.89 1.15 0.00	18.78 1.09 0.00	15.98 0.91 0.00	12.76 0.74 0.00	10.79 0.63 0.00	11.99 0.71 0.00	17.24 1.02 0.00	19.84 1.17 0.00	20.91 1.21 0.00	21.44 1.22 0.00	25.55 1.42 0.00	29.93 1.60 0.00	29.97 1.60 0.00	25.21 1.47 0.00	24.69 1.57 0.00	24.78 1.64 0.00	26.15 1.77 0.00	25.99 1.90 0.00	26.99 1.94 0.00	26.80 1.90 0.00	25.72 1.78 0.00	28.64 1.83 0.00	22.53 1.30 0.00	19.46 0.96 0.00
NYPA_KENT____GT 24152	19.91 1.18 0.00	18.79 1.10 0.00	16.00 0.92 0.00	12.77 0.75 0.00	10.80 0.63 0.00	12.00 0.72 0.00	17.25 1.03 0.00	19.84 1.18 0.00	20.93 1.23 0.00	21.48 1.26 0.00	25.60 1.47 0.00	30.02 1.69 0.00	30.06 1.68 0.00	25.24 1.50 0.00	24.74 1.62 0.00	24.82 1.68 0.00	26.20 1.82 0.00	26.03 1.94 0.00	27.05 2.00 0.00	26.87 1.96 0.00	25.77 1.84 0.00	28.71 1.91 0.00	22.54 1.31 0.00	19.48 0.98 0.00
NYPA_POUCH1____GT 24155	19.92 1.19 0.00	18.80 1.11 0.00	16.00 0.93 0.00	12.77 0.75 0.00	10.81 0.64 0.00	12.00 0.72 0.00	17.25 1.04 0.00	19.85 1.19 0.00	20.94 1.24 0.00	21.48 1.26 0.00	25.60 1.47 0.00	30.02 1.68 0.00	30.05 1.68 0.00	25.23 1.49 0.00	24.73 1.62 0.00	24.83 1.69 0.00	26.20 1.82 0.00	26.04 1.95 0.00	27.06 2.02 0.00	26.88 1.97 0.00	25.79 1.86 0.00	28.74 1.93 0.00	22.55 1.32 0.00	19.49 0.98 0.00
NYPA_VERNON____GT2 24162	19.90 1.17 0.00	18.78 1.10 0.00	15.99 0.92 0.00	12.76 0.74 0.00	10.80 0.63 0.00	11.99 0.71 0.00	17.24 1.03 0.00	19.84 1.17 0.00	20.93 1.22 0.00	21.48 1.25 0.00	25.59 1.46 0.00	30.00 1.67 0.00	30.04 1.67 0.00	25.23 1.49 0.00	24.72 1.61 0.00	24.82 1.68 0.00	26.20 1.81 0.00	26.02 1.93 0.00	27.03 1.98 0.00	26.85 1.94 0.00	25.76 1.82 0.00	28.69 1.89 0.00	22.53 1.30 0.00	19.47 0.97 0.00
NYPA_VERNON____GT3 24163	19.90 1.17 0.00	18.78 1.10 0.00	15.99 0.92 0.00	12.76 0.74 0.00	10.80 0.63 0.00	11.99 0.71 0.00	17.24 1.03 0.00	19.84 1.17 0.00	20.93 1.22 0.00	21.48 1.25 0.00	25.59 1.46 0.00	30.00 1.67 0.00	30.04 1.67 0.00	25.23 1.49 0.00	24.72 1.61 0.00	24.82 1.68 0.00	26.20 1.81 0.00	26.02 1.93 0.00	27.03 1.98 0.00	26.85 1.94 0.00	25.76 1.82 0.00	28.69 1.89 0.00	22.53 1.30 0.00	19.47 0.97 0.00
NYPA__ASTORIA_CC1 323568	19.89 1.16 0.00	18.77 1.08 0.00	15.98 0.91 0.00	12.76 0.74 0.00	10.79 0.63 0.00	11.99 0.71 0.00	17.23 1.01 0.00	19.82 1.16 0.00	20.92 1.21 0.00	21.46 1.23 0.00	25.57 1.44 0.00	29.99 1.65 0.00	30.02 1.65 0.00	25.22 1.48 0.00	24.70 1.59 0.00	24.80 1.66 0.00	26.17 1.79 0.00	26.00 1.91 0.00	27.01 1.96 0.00	26.83 1.92 0.00	25.74 1.80 0.00	28.66 1.86 0.00	22.52 1.29 0.00	19.46 0.95 0.00
NYPA__ASTORIA_CC2 323569	19.89 1.16 0.00	18.77 1.08 0.00	15.98 0.91 0.00	12.76 0.74 0.00	10.79 0.63 0.00	11.99 0.71 0.00	17.23 1.01 0.00	19.82 1.16 0.00	20.92 1.21 0.00	21.46 1.23 0.00	25.57 1.44 0.00	29.99 1.65 0.00	30.02 1.65 0.00	25.22 1.48 0.00	24.70 1.59 0.00	24.80 1.66 0.00	26.17 1.79 0.00	26.00 1.91 0.00	27.01 1.96 0.00	26.83 1.92 0.00	25.74 1.80 0.00	28.66 1.86 0.00	22.52 1.29 0.00	19.46 0.95 0.00
NYPA__HOLTSVILL 23794	20.19 1.46 0.00	19.05 1.36 0.00	16.18 1.11 0.00	12.91 0.89 0.00	10.92 0.75 0.00	12.12 0.85 0.00	17.49 1.27 0.00	20.09 1.43 0.00	21.28 1.57 0.00	21.89 1.66 0.00	36.73 1.87 -10.73	30.36 2.03 0.00	30.40 2.03 0.00	25.49 1.75 0.00	24.93 1.82 0.00	24.95 1.81 0.00	26.55 2.18 0.00	26.25 2.15 0.00	27.33 2.28 0.00	27.28 2.38 0.00	26.02 2.09 0.00	28.94 2.14 0.00	23.88 1.64 -1.02	19.79 1.29 0.00
NYPA__HELLGATE_GT1 24158	19.89 1.15 0.00	18.78 1.09 0.00	15.98 0.91 0.00	12.76 0.74 0.00	10.79 0.63 0.00	11.99 0.71 0.00	17.24 1.02 0.00	19.84 1.17 0.00	20.91 1.21 0.00	21.44 1.22 0.00	25.55 1.42 0.00	29.93 1.60 0.00	29.97 1.60 0.00	25.21 1.47 0.00	24.69 1.57 0.00	24.78 1.64 0.00	26.15 1.77 0.00	25.99 1.90 0.00	26.99 1.94 0.00	26.80 1.90 0.00	25.72 1.78 0.00	28.64 1.83 0.00	22.53 1.30 0.00	19.46 0.96 0.00
NYPA__HELLGATE_GT2 24159	19.89 1.15 0.00	18.78 1.09 0.00	15.98 0.91 0.00	12.76 0.74 0.00	10.79 0.63 0.00	11.99 0.71 0.00	17.24 1.02 0.00	19.84 1.17 0.00	20.91 1.21 0.00	21.44 1.22 0.00	25.55 1.42 0.00	29.93 1.60 0.00	29.97 1.60 0.00	25.21 1.47 0.00	24.69 1.57 0.00	24.78 1.64 0.00	26.15 1.77 0.00	25.99 1.90 0.00	26.99 1.94 0.00	26.80 1.90 0.00	25.72 1.78 0.00	28.64 1.83 0.00	22.53 1.30 0.00	19.46 0.96 0.00
NYS_BARGE__HYD 23848	17.52 -1.21 0.00	16.39 -1.30 0.00	13.96 -1.12 0.00	11.10 -0.93 0.00	9.38 -0.79 0.00	10.39 -0.89 0.00	15.24 -0.98 0.00	17.39 -1.27 0.00	18.55 -1.15 0.00	18.80 -1.43 0.00	22.31 -1.82 0.00	26.10 -2.24 0.00	26.23 -2.14 0.00	21.85 -1.89 0.00	21.29 -1.83 0.00	21.64 -1.50 0.00	22.65 -1.72 0.00	22.33 -1.76 0.00	23.09 -1.96 0.00	23.09 -1.82 0.00	22.40 -1.53 0.00	25.30 -1.51 0.00	20.16 -1.06 0.00	17.89 -0.61 0.00
OAK ORCHARD__HYD 24046	18.01 -0.72 0.00	16.90 -0.79 0.00	14.40 -0.68 0.00	11.46 -0.56 0.00	9.69 -0.47 0.00	10.75 -0.53 0.00	15.66 -0.56 0.00	17.96 -0.71 0.00	19.09 -0.62 0.00	19.50 -0.73 0.00	23.20 -0.93 0.00	27.19 -1.15 0.00	27.26 -1.11 0.00	22.73 -1.02 0.00	22.12 -1.00 0.00	22.36 -0.78 0.00	23.50 -0.87 0.00	23.20 -0.90 0.00	24.01 -1.03 0.00	23.95 -0.96 0.00	23.12 -0.82 0.00	25.98 -0.83 0.00	20.66 -0.57 0.00	18.18 -0.33 0.00
OAKDALE__35_KV_LOAD 356122	18.60 -0.13 0.00	17.54 -0.15 0.00	14.93 -0.14 0.00	11.91 -0.11 0.00	10.08 -0.09 0.00	11.18 -0.09 0.00	16.14 -0.08 0.00	18.58 -0.08 0.00	19.64 -0.07 0.00	20.13 -0.10 0.00	23.97 -0.17 0.00	28.14 -0.19 0.00	28.12 -0.26 0.00	23.52 -0.22 0.00	22.96 -0.16 0.00	23.08 -0.06 0.00	24.31 -0.07 0.00	24.09 0.00 0.00	25.04 0.00 0.00	24.95 0.04 0.00	23.99 0.05 0.00	26.89 0.08 0.00	21.22 -0.01 0.00	18.52 0.02 0.00
OCC_CHEM__DRP 24175	17.20 -1.53 0.00	16.09 -1.60 0.00	13.71 -1.37 0.00	10.90 -1.13 0.00	9.21 -0.96 0.00	10.19 -1.08 0.00	14.95 -1.27 0.00	17.05 -1.62 0.00	18.19 -1.52 0.00	18.48 -1.74 0.00	21.93 -2.21 0.00	25.64 -2.69 0.00	25.79 -2.58 0.00	21.47 -2.27 0.00	20.90 -2.22 0.00	21.24 -1.90 0.00	22.21 -2.17 0.00	21.86 -2.23 0.00	22.60 -2.45 0.00	22.60 -2.31 0.00	21.93 -2.01 0.00	24.79 -2.01 0.00	19.82 -1.41 0.00	17.60 -0.90 0.00

OH_GEN_PROXY 24063	17.36 -1.37 0.00	16.25 -1.44 0.00	13.84 -1.23 0.00	11.01 -1.01 0.00	9.31 -0.86 0.00	10.30 -0.97 0.00	15.11 -1.11 0.00	26.36 -1.41 -9.10	18.41 -1.29 0.00	31.74 -1.51 -13.02	35.73 -1.93 -13.52	39.22 -2.37 -13.26	42.35 -2.30 -16.28	21.70 -2.04 0.00	34.71 -1.99 -13.59	39.44 -1.70 -17.99	40.12 -1.95 -17.69	39.31 -1.99 -17.21	22.85 -2.19 0.00	36.61 -2.06 -13.76	35.96 -1.77 -13.79	25.05 -1.76 0.00	19.99 -1.23 0.00	17.33 -0.77 0.40
OLIN_CORP_DRP 24177	17.27 -1.46 0.00	16.16 -1.53 0.00	13.77 -1.30 0.00	10.94 -1.08 0.00	9.25 -0.92 0.00	10.24 -1.04 0.00	15.02 -1.20 0.00	17.13 -1.53 0.00	18.26 -1.44 0.00	18.48 -1.74 0.00	21.93 -2.21 0.00	25.65 -2.69 0.00	25.80 -2.58 0.00	21.50 -2.25 0.00	20.92 -2.19 0.00	21.27 -1.87 0.00	22.25 -2.13 0.00	21.91 -2.18 0.00	22.65 -2.40 0.00	22.65 -2.25 0.00	21.98 -1.96 0.00	24.84 -1.96 0.00	19.83 -1.39 0.00	17.61 -0.89 0.00
OLIN_CORP_DSASP 323712	17.20 -1.53 0.00	16.09 -1.60 0.00	13.71 -1.37 0.00	10.90 -1.13 0.00	9.21 -0.96 0.00	10.20 -1.08 0.00	14.96 -1.27 0.00	17.05 -1.62 0.00	18.19 -1.52 0.00	18.49 -1.74 0.00	21.93 -2.20 0.00	25.64 -2.69 0.00	25.79 -2.58 0.00	21.47 -2.27 0.00	20.90 -2.22 0.00	21.24 -1.90 0.00	22.21 -2.17 0.00	21.87 -2.23 0.00	22.60 -2.44 0.00	22.60 -2.31 0.00	21.94 -2.00 0.00	24.79 -2.01 0.00	19.81 -1.42 0.00	17.60 -0.90 0.00
ONEIDA_HERK_LFGE 323681	18.61 -0.12 0.00	17.56 -0.12 0.00	14.94 -0.13 0.00	11.92 -0.10 0.00	10.51 -0.05 -0.39	11.65 -0.08 -0.45	16.57 -0.11 -0.47	18.61 -0.05 0.00	19.66 -0.05 0.00	20.19 -0.04 0.00	24.08 -0.05 0.00	28.26 -0.07 0.00	28.32 -0.05 0.00	23.72 -0.02 0.00	23.16 0.04 0.00	23.21 0.07 0.00	25.38 0.09 -0.91	25.17 0.10 -0.98	26.11 0.06 -1.00	25.50 0.09 -0.50	24.65 0.06 -0.65	27.15 0.07 -0.27	21.28 0.05 0.00	18.59 0.02 -0.07
ONEIDA___115KV_TB4 55905	18.97 0.24 0.00	17.93 0.24 0.00	15.26 0.19 0.00	12.17 0.15 0.00	10.31 0.14 0.00	11.44 0.16 0.00	16.48 0.26 0.00	19.00 0.33 0.00	20.06 0.36 0.00	20.62 0.39 0.00	24.59 0.46 0.00	28.87 0.54 0.00	28.91 0.54 0.00	24.21 0.47 0.00	23.59 0.48 0.00	23.69 0.55 0.00	24.98 0.60 0.00	24.69 0.59 0.00	25.62 0.57 0.00	25.49 0.58 0.00	24.47 0.53 0.00	27.37 0.56 0.00	21.62 0.40 0.00	18.83 0.33 0.00
ONONDAGA_REF_OCCRA 23987	18.59 -0.14 0.00	17.53 -0.16 0.00	14.93 -0.14 0.00	11.91 -0.12 0.00	10.07 -0.10 0.00	11.18 -0.10 0.00	16.13 -0.09 0.00	18.55 -0.11 0.00	19.60 -0.11 0.00	20.09 -0.13 0.00	23.98 -0.16 0.00	28.16 -0.17 0.00	28.19 -0.18 0.00	23.56 -0.18 0.00	22.94 -0.18 0.00	23.05 -0.09 0.00	24.30 -0.07 0.00	24.04 -0.05 0.00	24.94 -0.10 0.00	24.82 -0.09 0.00	23.84 -0.09 0.00	26.69 -0.12 0.00	21.16 -0.07 0.00	18.47 -0.03 0.00
ONONDAGA___COGEN 23986	18.66 -0.07 0.00	17.59 -0.10 0.00	14.97 -0.10 0.00	11.94 -0.08 0.00	10.11 -0.05 0.00	11.22 -0.06 0.00	16.20 -0.02 0.00	18.63 -0.03 0.00	19.71 0.00 0.00	20.19 -0.03 0.00	24.12 -0.01 0.00	28.29 -0.04 0.00	28.36 -0.01 0.00	23.70 -0.04 0.00	23.07 -0.05 0.00	23.18 0.04 0.00	24.47 0.09 0.00	24.17 0.07 0.00	25.09 0.04 0.00	24.98 0.07 0.00	23.97 0.03 0.00	26.86 0.05 0.00	21.29 0.07 0.00	18.60 0.10 0.00
ONTARIO___LFGE 23819	18.44 -0.29 0.00	17.29 -0.40 0.00	14.71 -0.36 0.00	11.72 -0.31 0.00	9.92 -0.25 0.00	11.01 -0.26 0.00	16.00 -0.22 0.00	18.42 -0.25 0.00	19.53 -0.17 0.00	19.99 -0.24 0.00	23.82 -0.31 0.00	27.97 -0.37 0.00	28.00 -0.37 0.00	23.37 -0.37 0.00	22.79 -0.33 0.00	22.96 -0.18 0.00	24.20 -0.18 0.00	23.88 -0.21 0.00	24.92 -0.12 0.00	24.88 -0.02 0.00	23.94 0.01 0.00	26.84 0.04 0.00	21.19 -0.04 0.00	18.57 0.06 0.00
ORANGEVILLE_WT_PWR 323706	17.35 -1.38 0.00	16.23 -1.45 0.00	13.84 -1.24 0.00	10.98 -1.04 0.00	9.29 -0.88 0.00	10.31 -0.97 0.00	15.10 -1.12 0.00	17.31 -1.36 0.00	18.45 -1.25 0.00	18.74 -1.49 0.00	22.26 -1.87 0.00	26.11 -2.22 0.00	26.13 -2.24 0.00	21.80 -1.94 0.00	21.28 -1.84 0.00	21.61 -1.53 0.00	22.69 -1.69 0.00	22.49 -1.60 0.00	23.41 -1.64 0.00	23.50 -1.41 0.00	22.81 -1.12 0.00	25.80 -1.01 0.00	20.49 -0.73 0.00	18.14 -0.36 0.00
ORANGEVILLE___ESR 323794	17.35 -1.38 0.00	16.23 -1.45 0.00	13.84 -1.24 0.00	10.98 -1.04 0.00	9.29 -0.88 0.00	10.31 -0.97 0.00	15.10 -1.12 0.00	17.31 -1.36 0.00	18.45 -1.25 0.00	18.74 -1.49 0.00	22.26 -1.87 0.00	26.11 -2.22 0.00	26.13 -2.24 0.00	21.80 -1.94 0.00	21.28 -1.84 0.00	21.61 -1.53 0.00	22.69 -1.69 0.00	22.49 -1.60 0.00	23.41 -1.64 0.00	23.50 -1.41 0.00	22.81 -1.12 0.00	25.80 -1.01 0.00	20.49 -0.73 0.00	18.14 -0.36 0.00
OSWEGATCHIE___HYD 24044	18.06 -0.67 0.00	17.02 -0.67 0.00	14.45 -0.62 0.00	11.52 -0.50 0.00	11.61 -0.40 -1.85	12.88 -0.56 -2.16	17.61 -0.85 -2.24	17.84 -0.82 0.00	18.88 -0.82 0.00	19.41 -0.81 0.00	23.23 -0.91 0.00	27.32 -1.02 0.00	27.40 -0.98 0.00	22.92 -0.82 0.00	22.32 -0.79 0.00	22.22 -0.92 0.00	27.74 -0.99 -4.35	27.66 -1.11 -4.68	28.74 -1.08 -4.78	26.24 -1.04 -2.38	26.07 -0.98 -3.12	27.10 -0.99 -1.28	20.60 -0.62 0.00	18.40 -0.45 -0.34
OSWEGO___5 23606	18.21 -0.52 0.00	17.18 -0.51 0.00	14.65 -0.43 0.00	11.68 -0.34 0.00	9.88 -0.29 0.00	10.96 -0.32 0.00	15.79 -0.43 0.00	18.15 -0.51 0.00	19.15 -0.56 0.00	19.65 -0.58 0.00	23.44 -0.69 0.00	27.54 -0.79 0.00	27.57 -0.80 0.00	23.03 -0.71 0.00	22.40 -0.72 0.00	22.48 -0.66 0.00	23.68 -0.70 0.00	23.40 -0.69 0.00	24.28 -0.77 0.00	24.16 -0.75 0.00	23.22 -0.72 0.00	26.01 -0.79 0.00	20.67 -0.56 0.00	18.07 -0.43 0.00
OSWEGO___6 23613	18.21 -0.52 0.00	17.18 -0.51 0.00	14.65 -0.43 0.00	11.68 -0.34 0.00	9.88 -0.29 0.00	10.96 -0.32 0.00	15.79 -0.43 0.00	18.15 -0.51 0.00	19.15 -0.56 0.00	19.65 -0.58 0.00	23.44 -0.69 0.00	27.54 -0.79 0.00	27.57 -0.80 0.00	23.03 -0.71 0.00	22.40 -0.72 0.00	22.48 -0.66 0.00	23.68 -0.70 0.00	23.40 -0.69 0.00	24.28 -0.77 0.00	24.16 -0.75 0.00	23.22 -0.72 0.00	26.01 -0.79 0.00	20.67 -0.56 0.00	18.07 -0.43 0.00
OUTOKUMPU-AB___DRP 24206	17.62 -1.11 0.00	16.48 -1.21 0.00	14.04 -1.04 0.00	11.16 -0.87 0.00	9.43 -0.74 0.00	10.45 -0.83 0.00	15.32 -0.90 0.00	17.49 -1.17 0.00	18.67 -1.03 0.00	18.96 -1.27 0.00	22.49 -1.64 0.00	26.32 -2.01 0.00	26.45 -1.92 0.00	22.03 -1.71 0.00	21.47 -1.65 0.00	21.82 -1.32 0.00	22.85 -1.53 0.00	22.52 -1.57 0.00	23.32 -1.73 0.00	23.32 -1.58 0.00	22.62 -1.32 0.00	25.55 -1.26 0.00	20.37 -0.86 0.00	18.05 -0.45 0.00
OXBOW___BTM 323836	17.46 -1.27 0.00	16.32 -1.36 0.00	13.91 -1.17 0.00	11.06 -0.97 0.00	9.34 -0.82 0.00	10.34 -0.93 0.00	15.18 -1.04 0.00	17.32 -1.35 0.00	18.48 -1.22 0.00	18.78 -1.45 0.00	22.28 -1.86 0.00	26.06 -2.27 0.00	26.20 -2.18 0.00	21.82 -1.92 0.00	21.25 -1.87 0.00	21.60 -1.54 0.00	22.61 -1.77 0.00	22.27 -1.83 0.00	23.04 -2.01 0.00	23.04 -1.87 0.00	22.35 -1.59 0.00	25.25 -1.55 0.00	20.15 -1.08 0.00	17.88 -0.63 0.00

OXBOW____ 24026	17.46 -1.27 0.00	16.33 -1.36 0.00	13.91 -1.17 0.00	11.06 -0.97 0.00	9.34 -0.82 0.00	10.35 -0.93 0.00	15.18 -1.04 0.00	17.32 -1.35 0.00	18.48 -1.22 0.00	18.78 -1.45 0.00	22.28 -1.85 0.00	26.06 -2.27 0.00	26.19 -2.18 0.00	21.82 -1.92 0.00	21.24 -1.87 0.00	21.60 -1.54 0.00	22.61 -1.77 0.00	22.27 -1.82 0.00	23.04 -2.01 0.00	23.04 -1.87 0.00	22.36 -1.58 0.00	25.25 -1.56 0.00	20.14 -1.08 0.00	17.88 -0.62 0.00
OXY_CHEM_DSASP 323612	17.20 -1.53 0.00	16.09 -1.60 0.00	13.71 -1.37 0.00	10.90 -1.13 0.00	9.21 -0.96 0.00	10.19 -1.08 0.00	14.95 -1.27 0.00	17.05 -1.62 0.00	18.19 -1.52 0.00	18.48 -1.74 0.00	21.93 -2.21 0.00	25.64 -2.69 0.00	25.79 -2.58 0.00	21.47 -2.27 0.00	20.90 -2.22 0.00	21.24 -1.90 0.00	22.21 -2.17 0.00	21.86 -2.23 0.00	22.60 -2.45 0.00	22.60 -2.31 0.00	21.93 -2.01 0.00	24.79 -2.01 0.00	19.82 -1.41 0.00	17.60 -0.90 0.00
OZONE_PARK_ESR 323760	19.99 1.26 0.00	18.86 1.17 0.00	16.05 0.98 0.00	12.81 0.78 0.00	10.83 0.66 0.00	12.03 0.75 0.00	17.29 1.08 0.00	19.90 1.24 0.00	21.01 1.30 0.00	21.57 1.35 0.00	25.70 1.57 0.00	30.15 1.81 0.00	30.19 1.82 0.00	25.34 1.60 0.00	24.84 1.73 0.00	24.93 1.79 0.00	26.32 1.94 0.00	26.15 2.06 0.00	27.16 2.12 0.00	26.99 2.08 0.00	25.89 1.96 0.00	28.83 2.03 0.00	22.63 1.40 0.00	19.56 1.06 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	17.20 -1.53 0.00	16.09 -1.60 0.00	13.71 -1.37 0.00	10.90 -1.13 0.00	9.21 -0.96 0.00	10.19 -1.08 0.00	14.95 -1.27 0.00	17.05 -1.62 0.00	18.19 -1.52 0.00	18.48 -1.74 0.00	21.93 -2.21 0.00	25.64 -2.69 0.00	25.79 -2.58 0.00	21.47 -2.27 0.00	20.90 -2.22 0.00	21.24 -1.90 0.00	22.21 -2.17 0.00	21.86 -2.23 0.00	22.60 -2.45 0.00	22.60 -2.31 0.00	21.93 -2.01 0.00	24.79 -2.01 0.00	19.82 -1.41 0.00	17.60 -0.90 0.00
PACKARD__115KV_DUPONT_184 80571	17.20 -1.53 0.00	16.09 -1.60 0.00	13.71 -1.37 0.00	10.90 -1.13 0.00	9.21 -0.96 0.00	10.19 -1.08 0.00	14.95 -1.27 0.00	17.05 -1.62 0.00	18.19 -1.52 0.00	18.48 -1.74 0.00	21.93 -2.21 0.00	25.64 -2.69 0.00	25.79 -2.58 0.00	21.47 -2.27 0.00	20.90 -2.22 0.00	21.24 -1.90 0.00	22.21 -2.17 0.00	21.86 -2.23 0.00	22.60 -2.45 0.00	22.60 -2.31 0.00	21.93 -2.01 0.00	24.79 -2.01 0.00	19.82 -1.41 0.00	17.60 -0.90 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	19.84 1.11 0.00	18.74 1.05 0.00	15.95 0.88 0.00	12.74 0.71 0.00	10.77 0.60 0.00	11.95 0.68 0.00	17.19 0.97 0.00	19.78 1.12 0.00	20.86 1.16 0.00	21.39 1.17 0.00	25.50 1.37 0.00	29.87 1.54 0.00	29.91 1.53 0.00	25.14 1.40 0.00	24.63 1.51 0.00	24.72 1.58 0.00	26.09 1.71 0.00	25.92 1.83 0.00	26.92 1.87 0.00	26.73 1.83 0.00	25.65 1.72 0.00	28.57 1.76 0.00	22.45 1.22 0.00	19.40 0.90 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	19.86 1.13 0.00	18.76 1.07 0.00	15.98 0.90 0.00	12.75 0.73 0.00	10.78 0.62 0.00	12.00 0.72 0.00	17.27 1.05 0.00	19.87 1.21 0.00	20.96 1.25 0.00	21.46 1.23 0.00	25.53 1.40 0.00	30.00 1.66 0.00	30.02 1.64 0.00	25.23 1.49 0.00	24.73 1.61 0.00	24.81 1.67 0.00	26.19 1.81 0.00	26.01 1.92 0.00	27.02 1.97 0.00	26.80 1.89 0.00	25.72 1.78 0.00	28.64 1.84 0.00	22.49 1.27 0.00	19.46 0.95 0.00
PATROON__115KV_TB1 80586	19.01 0.28 0.00	18.02 0.33 0.00	15.41 0.33 0.00	12.29 0.27 0.00	10.39 0.23 0.00	11.55 0.27 0.00	16.57 0.35 0.00	18.98 0.32 0.00	20.02 0.31 0.00	20.58 0.35 0.00	24.48 0.35 0.00	28.71 0.37 0.00	28.74 0.37 0.00	24.12 0.38 0.00	23.57 0.45 0.00	23.61 0.47 0.00	24.89 0.51 0.00	24.73 0.64 0.00	25.64 0.59 0.00	25.46 0.56 0.00	24.38 0.45 0.00	27.20 0.40 0.00	21.41 0.19 0.00	18.60 0.10 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	18.18 -0.55 0.00	17.01 -0.68 0.00	14.48 -0.60 0.00	11.51 -0.51 0.00	9.74 -0.43 0.00	10.79 -0.49 0.00	15.82 -0.40 0.00	18.11 -0.56 0.00	19.30 -0.40 0.00	19.63 -0.59 0.00	23.30 -0.83 0.00	27.28 -1.06 0.00	27.32 -1.05 0.00	22.76 -0.98 0.00	22.17 -0.94 0.00	22.50 -0.64 0.00	23.57 -0.81 0.00	23.32 -0.77 0.00	24.16 -0.89 0.00	24.18 -0.73 0.00	23.44 -0.50 0.00	26.45 -0.35 0.00	21.05 -0.17 0.00	18.61 0.10 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	19.87 1.14 0.00	18.76 1.08 0.00	15.97 0.90 0.00	12.74 0.72 0.00	10.78 0.61 0.00	11.98 0.70 0.00	17.23 1.01 0.00	19.84 1.18 0.00	20.95 1.24 0.00	21.50 1.27 0.00	25.63 1.49 0.00	30.06 1.72 0.00	30.08 1.70 0.00	25.25 1.51 0.00	24.73 1.62 0.00	24.82 1.68 0.00	26.20 1.82 0.00	26.04 1.95 0.00	27.03 1.99 0.00	26.84 1.93 0.00	25.73 1.79 0.00	28.66 1.85 0.00	22.49 1.27 0.00	19.43 0.93 0.00
PEEKSKILL____ 23653	19.68 0.95 0.00	18.58 0.89 0.00	15.81 0.74 0.00	12.62 0.60 0.00	10.68 0.51 0.00	11.86 0.58 0.00	17.06 0.84 0.00	19.63 0.96 0.00	20.70 1.00 0.00	21.24 1.02 0.00	25.30 1.16 0.00	29.67 1.33 0.00	29.68 1.31 0.00	24.92 1.19 0.00	24.42 1.30 0.00	24.49 1.35 0.00	25.85 1.47 0.00	25.69 1.59 0.00	26.68 1.63 0.00	26.51 1.60 0.00	25.43 1.49 0.00	28.34 1.53 0.00	22.25 1.03 0.00	19.24 0.74 0.00
PGE MADISON__WINDPWR 24146	19.30 0.57 0.00	18.28 0.60 0.00	15.51 0.43 0.00	12.35 0.32 0.00	10.42 0.26 0.00	11.56 0.28 0.00	16.73 0.51 0.00	19.34 0.68 0.00	20.52 0.82 0.00	21.05 0.82 0.00	25.20 1.06 0.00	29.46 1.12 0.00	29.32 0.95 0.00	24.59 0.85 0.00	24.01 0.89 0.00	24.31 1.17 0.00	25.88 1.50 0.00	25.69 1.60 0.00	26.72 1.68 0.00	26.56 1.66 0.00	25.46 1.52 0.00	28.48 1.68 0.00	22.40 1.17 0.00	19.71 1.21 0.00
PIERCEFIELD__HYD 23852	18.60 -0.13 0.00	17.53 -0.16 0.00	14.87 -0.20 0.00	11.85 -0.17 0.00	12.71 -0.17 -2.71	14.13 -0.32 -3.17	18.96 -0.54 -3.28	18.18 -0.48 0.00	19.28 -0.42 0.00	19.85 -0.37 0.00	23.81 -0.32 0.00	28.08 -0.25 0.00	28.16 -0.21 0.00	23.51 -0.22 0.00	22.78 -0.34 0.00	22.54 -0.60 0.00	30.13 -0.65 -6.40	30.08 -0.88 -6.87	31.33 -0.74 -7.02	27.68 -0.72 -3.50	27.88 -0.64 -4.58	28.10 -0.59 -1.89	20.98 -0.25 0.00	19.00 -0.50 0.00
PINELAWN_CC_1 323563	20.19 1.46 0.00	19.04 1.35 0.00	16.18 1.11 0.00	12.90 0.88 0.00	10.92 0.75 0.00	12.12 0.84 0.00	17.48 1.26 0.00	20.08 1.42 0.00	21.26 1.55 0.00	21.87 1.65 0.00	36.78 1.91 -10.73	30.49 2.16 0.00	30.53 2.16 0.00	25.59 1.85 0.00	25.05 1.93 0.00	25.06 1.92 0.00	26.58 2.20 0.00	26.33 2.24 0.00	27.40 2.36 0.00	27.29 2.39 0.00	26.10 2.17 0.00	29.04 2.24 0.00	23.90 1.66 -1.02	19.76 1.26 0.00
PJM_GEN_HTP_PROXY 323702	19.80 1.08 0.00	18.70 1.01 0.00	15.92 0.84 0.00	12.70 0.68 0.00	10.75 0.58 0.00	11.93 0.66 0.00	17.16 0.94 0.00	19.74 1.08 0.00	20.83 1.12 0.00	21.37 1.14 0.00	25.46 1.32 0.00	29.85 1.52 0.00	29.89 1.52 0.00	25.09 1.35 0.00	24.59 1.47 0.00	24.67 1.53 0.00	26.03 1.66 0.00	25.86 1.77 0.00	26.86 1.81 0.00	26.69 1.78 0.00	25.61 1.67 0.00	28.53 1.72 0.00	22.39 1.17 0.00	19.37 0.87 0.00

PJM_GEN_KEYSTONE 24065	18.78 0.05 0.00	17.68 -0.01 0.00	15.05 -0.03 0.00	12.00 -0.02 0.00	10.16 -0.01 0.00	11.28 0.00 0.00	16.33 0.11 0.00	18.76 0.09 0.00	19.85 0.14 0.00	20.29 0.06 0.00	24.12 -0.01 0.00	28.26 -0.07 0.00	28.23 -0.14 0.00	23.62 -0.12 0.00	23.12 0.01 0.00	23.28 0.14 0.00	24.50 0.12 0.00	24.30 0.21 0.00	25.25 0.20 0.00	25.17 0.26 0.00	24.24 0.30 0.00	27.17 0.37 0.00	21.41 0.18 0.00	18.66 0.16 0.00
PJM_GEN_NEPTUNE_PROXY 323594	19.92 1.19 0.00	18.80 1.11 0.00	15.99 0.91 0.00	12.75 0.73 0.00	10.79 0.62 0.00	11.98 0.70 0.00	17.26 1.04 0.00	19.84 1.17 0.00	20.97 1.26 0.00	21.56 1.33 0.00	36.43 1.56 -10.73	30.08 1.75 0.00	30.11 1.74 0.00	25.27 1.53 0.00	24.73 1.61 0.00	24.76 1.62 0.00	26.18 1.80 0.00	25.97 1.88 0.00	27.01 1.96 0.00	26.86 1.96 0.00	25.74 1.81 0.00	28.65 1.85 0.00	23.58 1.33 -1.02	19.48 0.98 0.00
PJM_GEN_VFT_PROXY 323633	19.71 0.98 0.00	18.61 0.92 0.00	15.85 0.77 0.00	12.65 0.63 0.00	10.70 0.54 0.00	11.89 0.61 0.00	17.08 0.86 0.00	19.64 0.98 0.00	20.72 1.01 0.00	21.26 1.03 0.00	25.32 1.18 0.00	29.69 1.35 0.00	29.73 1.35 0.00	24.95 1.21 0.00	24.46 1.35 0.00	24.55 1.41 0.00	25.91 1.53 0.00	25.74 1.65 0.00	26.74 1.69 0.00	26.57 1.66 0.00	25.49 1.56 0.00	28.40 1.60 0.00	22.29 1.06 0.00	19.27 0.77 0.00
PLATSBRG_115KV_PMLD1 335749	18.78 0.05 0.00	17.83 0.14 0.00	14.94 -0.13 0.00	11.85 -0.17 0.00	-7.65 -0.26 17.56	-9.64 -0.38 20.54	-5.62 -0.60 21.24	18.29 -0.37 0.00	19.37 -0.33 0.00	20.01 -0.21 0.00	24.33 0.19 0.00	28.68 0.34 0.00	28.93 0.56 0.00	24.18 0.44 0.00	23.11 -0.01 0.00	22.97 -0.17 0.00	-17.83 -0.81 41.40	-21.25 -0.91 44.44	-21.20 -0.81 45.44	1.47 -0.81 22.63	-6.45 -0.73 29.66	13.98 -0.63 12.20	20.86 -0.36 0.00	14.86 -0.40 3.25
PLEASANTVLY___LBMP 24000	19.58 0.85 0.00	18.50 0.82 0.00	15.76 0.68 0.00	12.57 0.55 0.00	10.64 0.47 0.00	11.82 0.54 0.00	16.99 0.77 0.00	19.55 0.88 0.00	20.61 0.90 0.00	21.14 0.92 0.00	25.18 1.05 0.00	29.52 1.19 0.00	29.54 1.17 0.00	24.81 1.07 0.00	24.29 1.18 0.00	24.37 1.23 0.00	25.69 1.32 0.00	25.54 1.45 0.00	26.51 1.46 0.00	26.33 1.42 0.00	25.25 1.31 0.00	28.14 1.33 0.00	22.11 0.88 0.00	19.13 0.62 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	19.73 1.00 0.00	18.63 0.95 0.00	15.86 0.78 0.00	12.66 0.63 0.00	10.71 0.54 0.00	11.90 0.62 0.00	17.11 0.89 0.00	19.68 1.02 0.00	20.77 1.07 0.00	21.31 1.09 0.00	25.38 1.25 0.00	29.76 1.43 0.00	29.79 1.41 0.00	25.02 1.28 0.00	24.50 1.38 0.00	24.59 1.45 0.00	25.94 1.56 0.00	25.78 1.69 0.00	26.76 1.72 0.00	26.59 1.68 0.00	25.51 1.57 0.00	28.42 1.61 0.00	22.32 1.09 0.00	19.29 0.79 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	19.73 1.00 0.00	18.63 0.95 0.00	15.86 0.78 0.00	12.66 0.63 0.00	10.71 0.54 0.00	11.90 0.62 0.00	17.11 0.89 0.00	19.68 1.02 0.00	20.77 1.07 0.00	21.31 1.09 0.00	25.38 1.25 0.00	29.76 1.43 0.00	29.79 1.41 0.00	25.02 1.28 0.00	24.50 1.38 0.00	24.59 1.45 0.00	25.94 1.56 0.00	25.78 1.69 0.00	26.76 1.72 0.00	26.59 1.68 0.00	25.51 1.57 0.00	28.42 1.61 0.00	22.32 1.09 0.00	19.29 0.79 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	19.76 1.03 0.00	18.65 0.97 0.00	15.88 0.81 0.00	12.67 0.65 0.00	10.72 0.55 0.00	11.91 0.64 0.00	17.14 0.92 0.00	19.72 1.06 0.00	20.77 1.07 0.00	21.32 1.09 0.00	25.39 1.25 0.00	29.78 1.45 0.00	29.80 1.42 0.00	25.03 1.29 0.00	24.51 1.39 0.00	24.60 1.46 0.00	25.95 1.57 0.00	25.79 1.70 0.00	26.77 1.72 0.00	26.57 1.67 0.00	25.48 1.54 0.00	28.38 1.58 0.00	22.30 1.07 0.00	19.28 0.77 0.00
POLETTI_____ 23519	19.79 1.06 0.00	18.69 1.00 0.00	15.91 0.84 0.00	12.70 0.68 0.00	10.74 0.58 0.00	11.93 0.65 0.00	17.15 0.93 0.00	19.73 1.06 0.00	20.80 1.10 0.00	21.34 1.12 0.00	25.43 1.29 0.00	29.81 1.47 0.00	29.85 1.48 0.00	25.06 1.32 0.00	24.56 1.45 0.00	24.65 1.51 0.00	26.02 1.65 0.00	25.84 1.75 0.00	26.85 1.80 0.00	26.67 1.77 0.00	25.59 1.65 0.00	28.51 1.70 0.00	22.38 1.15 0.00	19.37 0.87 0.00
POMONA___ESR 323819	19.67 0.94 0.00	18.57 0.89 0.00	15.80 0.73 0.00	12.61 0.58 0.00	10.68 0.51 0.00	11.86 0.58 0.00	17.05 0.83 0.00	19.62 0.95 0.00	20.70 0.99 0.00	21.22 1.00 0.00	25.28 1.15 0.00	29.66 1.32 0.00	29.66 1.29 0.00	24.90 1.16 0.00	24.40 1.28 0.00	24.48 1.34 0.00	25.83 1.45 0.00	25.67 1.57 0.00	26.66 1.61 0.00	26.50 1.59 0.00	25.42 1.48 0.00	28.34 1.54 0.00	22.25 1.02 0.00	19.24 0.73 0.00
PORT_JEFF_3 23555	20.23 1.50 0.00	19.08 1.39 0.00	16.21 1.14 0.00	12.93 0.91 0.00	10.94 0.77 0.00	12.14 0.86 0.00	17.52 1.30 0.00	20.13 1.47 0.00	21.33 1.62 0.00	21.93 1.71 0.00	36.79 1.92 -10.73	30.44 2.11 0.00	30.47 2.10 0.00	25.55 1.80 0.00	24.99 1.87 0.00	25.02 1.88 0.00	26.63 2.25 0.00	26.32 2.23 0.00	27.41 2.36 0.00	27.36 2.45 0.00	26.08 2.15 0.00	29.01 2.20 0.00	23.93 1.69 -1.02	19.83 1.33 0.00
PORT_JEFF_4 23616	20.23 1.50 0.00	19.08 1.39 0.00	16.21 1.14 0.00	12.93 0.91 0.00	10.94 0.77 0.00	12.14 0.86 0.00	17.52 1.30 0.00	20.13 1.47 0.00	21.33 1.62 0.00	21.93 1.71 0.00	36.79 1.92 -10.73	30.44 2.11 0.00	30.47 2.10 0.00	25.55 1.80 0.00	24.99 1.87 0.00	25.02 1.88 0.00	26.63 2.25 0.00	26.32 2.23 0.00	27.41 2.36 0.00	27.36 2.45 0.00	26.08 2.15 0.00	29.01 2.20 0.00	23.93 1.69 -1.02	19.83 1.33 0.00
PORT_JEFF_IC 23713	20.24 1.51 0.00	19.08 1.40 0.00	16.22 1.15 0.00	12.93 0.91 0.00	10.94 0.78 0.00	12.15 0.87 0.00	17.53 1.31 0.00	20.14 1.48 0.00	21.34 1.63 0.00	21.95 1.72 0.00	36.80 1.94 -10.73	30.45 2.12 0.00	30.49 2.11 0.00	25.56 1.82 0.00	25.01 1.89 0.00	25.03 1.89 0.00	26.66 2.28 0.00	26.35 2.26 0.00	27.44 2.40 0.00	27.39 2.49 0.00	26.10 2.17 0.00	29.02 2.22 0.00	23.94 1.70 -1.02	19.84 1.34 0.00
PPL PILGRIM_ST_GT1 24216	20.27 1.54 0.00	19.13 1.45 0.00	16.26 1.19 0.00	12.98 0.95 0.00	10.97 0.81 0.00	12.18 0.90 0.00	17.58 1.36 0.00	20.19 1.52 0.00	21.38 1.67 0.00	21.99 1.77 0.00	36.90 2.03 -10.73	30.61 2.28 0.00	30.65 2.27 0.00	25.69 1.96 0.00	25.14 2.02 0.00	25.15 2.02 0.00	26.67 2.29 0.00	26.38 2.29 0.00	27.51 2.46 0.00	27.43 2.52 0.00	26.22 2.29 0.00	29.16 2.36 0.00	24.03 1.78 -1.02	19.89 1.39 0.00
PPL PILGRIM_ST_GT2 24217	20.27 1.54 0.00	19.13 1.45 0.00	16.26 1.19 0.00	12.98 0.95 0.00	10.97 0.81 0.00	12.18 0.90 0.00	17.58 1.36 0.00	20.19 1.52 0.00	21.38 1.67 0.00	21.99 1.77 0.00	36.90 2.03 -10.73	30.61 2.28 0.00	30.65 2.27 0.00	25.69 1.96 0.00	25.14 2.02 0.00	25.15 2.02 0.00	26.67 2.29 0.00	26.38 2.29 0.00	27.51 2.46 0.00	27.43 2.52 0.00	26.22 2.29 0.00	29.16 2.36 0.00	24.03 1.78 -1.02	19.89 1.39 0.00

PPL_SHRM_GT3 24213	20.27 1.54 0.00	19.12 1.43 0.00	16.24 1.17 0.00	12.95 0.92 0.00	10.96 0.79 0.00	12.16 0.89 0.00	17.56 1.34 0.00	20.17 1.51 0.00	21.38 1.68 0.00	21.95 1.73 0.00	36.70 1.83 -10.73	30.16 1.82 0.00	30.19 1.82 0.00	25.30 1.56 0.00	24.75 1.64 0.00	24.78 1.64 0.00	26.62 2.24 0.00	26.20 2.11 0.00	27.33 2.28 0.00	27.39 2.49 0.00	25.94 2.00 0.00	28.81 2.00 0.00	23.87 1.63 -1.02	19.87 1.36 0.00
PPL_SHRM_GT4 24214	20.27 1.54 0.00	19.12 1.43 0.00	16.24 1.17 0.00	12.95 0.92 0.00	10.96 0.79 0.00	12.16 0.89 0.00	17.56 1.34 0.00	20.17 1.51 0.00	21.38 1.68 0.00	21.95 1.73 0.00	36.70 1.83 -10.73	30.16 1.82 0.00	30.19 1.82 0.00	25.30 1.56 0.00	24.75 1.64 0.00	24.78 1.64 0.00	26.62 2.24 0.00	26.20 2.11 0.00	27.33 2.28 0.00	27.39 2.49 0.00	25.94 2.00 0.00	28.81 2.00 0.00	23.87 1.63 -1.02	19.87 1.36 0.00
PROJECT___ORANGE 1 24174	18.46 -0.27 0.00	17.41 -0.28 0.00	14.83 -0.24 0.00	11.83 -0.19 0.00	10.01 -0.16 0.00	11.10 -0.17 0.00	16.02 -0.20 0.00	18.41 -0.25 0.00	19.44 -0.26 0.00	19.94 -0.29 0.00	23.79 -0.35 0.00	27.94 -0.39 0.00	27.97 -0.40 0.00	23.37 -0.37 0.00	22.75 -0.37 0.00	22.85 -0.29 0.00	24.09 -0.28 0.00	23.83 -0.27 0.00	24.70 -0.34 0.00	24.59 -0.32 0.00	23.62 -0.31 0.00	26.45 -0.36 0.00	20.99 -0.24 0.00	18.34 -0.17 0.00
PROJECT___ORANGE 2 24166	18.46 -0.27 0.00	17.41 -0.28 0.00	14.83 -0.24 0.00	11.83 -0.19 0.00	10.01 -0.16 0.00	11.10 -0.17 0.00	16.02 -0.20 0.00	18.41 -0.25 0.00	19.44 -0.26 0.00	19.94 -0.29 0.00	23.79 -0.35 0.00	27.94 -0.39 0.00	27.97 -0.40 0.00	23.37 -0.37 0.00	22.75 -0.37 0.00	22.85 -0.29 0.00	24.09 -0.28 0.00	23.83 -0.27 0.00	24.70 -0.34 0.00	24.59 -0.32 0.00	23.62 -0.31 0.00	26.45 -0.36 0.00	20.99 -0.24 0.00	18.34 -0.17 0.00
PUCKETT___SOLAR 323809	18.71 -0.02 0.00	17.66 -0.03 0.00	15.04 -0.03 0.00	11.99 -0.03 0.00	10.14 -0.03 0.00	11.25 -0.03 0.00	16.24 0.02 0.00	18.72 0.06 0.00	19.80 0.10 0.00	20.30 0.07 0.00	24.18 0.05 0.00	28.37 0.03 0.00	28.33 -0.05 0.00	23.72 -0.02 0.00	23.17 0.06 0.00	23.32 0.18 0.00	24.60 0.22 0.00	24.38 0.29 0.00	25.35 0.30 0.00	25.24 0.34 0.00	24.26 0.33 0.00	27.18 0.37 0.00	21.48 0.25 0.00	18.81 0.30 0.00
PYRITES___HYD 24023	19.01 0.28 0.00	17.90 0.21 0.00	15.20 0.12 0.00	12.11 0.08 0.00	12.64 0.06 -2.42	14.07 -0.04 -2.83	19.05 -0.09 -2.93	18.71 0.05 0.00	19.85 0.14 0.00	20.44 0.22 0.00	24.49 0.36 0.00	28.82 0.49 0.00	28.86 0.49 0.00	24.11 0.37 0.00	23.38 0.26 0.00	23.12 -0.02 0.00	30.19 0.10 -5.71	30.09 -0.13 -6.13	31.35 0.04 -6.27	28.06 0.03 -3.12	28.11 0.08 -4.09	28.68 0.19 -1.68	21.55 0.32 0.00	19.39 0.44 -0.45
QUAKERRD_115KV_BK1 80622	17.72 -1.02 0.00	16.64 -1.05 0.00	14.19 -0.89 0.00	11.30 -0.73 0.00	9.56 -0.61 0.00	10.60 -0.68 0.00	15.40 -0.82 0.00	17.67 -0.99 0.00	18.76 -0.95 0.00	19.18 -1.05 0.00	22.85 -1.28 0.00	26.79 -1.55 0.00	26.86 -1.51 0.00	22.40 -1.35 0.00	21.80 -1.32 0.00	22.00 -1.14 0.00	23.14 -1.24 0.00	22.83 -1.26 0.00	23.65 -1.39 0.00	23.57 -1.34 0.00	22.72 -1.22 0.00	25.51 -1.30 0.00	20.28 -0.95 0.00	17.81 -0.69 0.00
QUENSBRY_115KV_TB8 356137	19.74 1.01 0.00	18.64 0.96 0.00	15.83 0.76 0.00	12.65 0.62 0.00	10.62 0.45 0.00	11.82 0.54 0.00	17.03 0.81 0.00	19.63 0.97 0.00	20.67 0.96 0.00	21.19 0.96 0.00	25.23 1.09 0.00	29.58 1.24 0.00	29.57 1.20 0.00	24.82 1.08 0.00	24.27 1.16 0.00	24.39 1.25 0.00	25.74 1.36 0.00	25.66 1.57 0.00	26.57 1.53 0.00	26.27 1.36 0.00	25.09 1.16 0.00	28.17 1.36 0.00	22.18 0.95 0.00	19.23 0.73 0.00
RAMAPO___LBMP 323565	19.61 0.88 0.00	18.51 0.82 0.00	15.75 0.68 0.00	12.57 0.55 0.00	10.64 0.47 0.00	11.82 0.54 0.00	17.00 0.77 0.00	19.56 0.89 0.00	20.62 0.91 0.00	21.15 0.92 0.00	25.18 1.05 0.00	29.54 1.20 0.00	29.54 1.17 0.00	24.81 1.07 0.00	24.30 1.19 0.00	24.38 1.24 0.00	25.72 1.34 0.00	25.55 1.46 0.00	26.55 1.50 0.00	26.38 1.48 0.00	25.32 1.39 0.00	28.23 1.43 0.00	22.16 0.94 0.00	19.17 0.66 0.00
RANKINE____ 23646	17.75 -0.98 0.00	16.61 -1.08 0.00	14.14 -0.93 0.00	11.24 -0.78 0.00	9.50 -0.66 0.00	10.53 -0.75 0.00	15.44 -0.78 0.00	17.66 -1.00 0.00	18.84 -0.87 0.00	19.14 -1.08 0.00	22.72 -1.41 0.00	26.60 -1.73 0.00	26.69 -1.68 0.00	22.23 -1.51 0.00	21.67 -1.44 0.00	22.01 -1.13 0.00	23.05 -1.33 0.00	22.78 -1.32 0.00	23.61 -1.43 0.00	23.65 -1.25 0.00	22.94 -1.00 0.00	25.90 -0.91 0.00	20.63 -0.59 0.00	18.26 -0.24 0.00
RAVENSWOOD_GT2_1 24244	19.82 1.09 0.00	18.71 1.02 0.00	15.92 0.85 0.00	12.71 0.69 0.00	10.75 0.59 0.00	11.94 0.66 0.00	17.17 0.95 0.00	19.76 1.10 0.00	20.84 1.13 0.00	21.38 1.16 0.00	25.48 1.34 0.00	29.88 1.54 0.00	29.91 1.54 0.00	25.11 1.37 0.00	24.60 1.49 0.00	24.70 1.55 0.00	26.06 1.68 0.00	25.89 1.80 0.00	26.89 1.85 0.00	26.72 1.81 0.00	25.63 1.70 0.00	28.55 1.75 0.00	22.41 1.19 0.00	19.38 0.88 0.00
RAVENSWOOD_GT2_2 24245	19.82 1.09 0.00	18.71 1.02 0.00	15.92 0.85 0.00	12.71 0.69 0.00	10.75 0.59 0.00	11.94 0.66 0.00	17.17 0.95 0.00	19.76 1.10 0.00	20.84 1.13 0.00	21.38 1.16 0.00	25.48 1.34 0.00	29.88 1.54 0.00	29.91 1.54 0.00	25.11 1.37 0.00	24.60 1.49 0.00	24.70 1.55 0.00	26.06 1.68 0.00	25.89 1.80 0.00	26.89 1.85 0.00	26.72 1.81 0.00	25.63 1.70 0.00	28.55 1.75 0.00	22.41 1.19 0.00	19.38 0.88 0.00
RAVENSWOOD_GT2_3 24246	19.83 1.10 0.00	18.71 1.03 0.00	15.93 0.86 0.00	12.71 0.69 0.00	10.76 0.59 0.00	11.94 0.67 0.00	17.18 0.96 0.00	19.76 1.10 0.00	20.85 1.14 0.00	21.39 1.17 0.00	25.48 1.35 0.00	29.89 1.55 0.00	29.92 1.55 0.00	25.12 1.38 0.00	24.62 1.51 0.00	24.70 1.56 0.00	26.07 1.69 0.00	25.90 1.81 0.00	26.90 1.86 0.00	26.73 1.82 0.00	25.64 1.71 0.00	28.57 1.76 0.00	22.42 1.20 0.00	19.39 0.89 0.00
RAVENSWOOD_GT2_4 24247	19.83 1.10 0.00	18.71 1.03 0.00	15.93 0.86 0.00	12.71 0.69 0.00	10.76 0.59 0.00	11.94 0.67 0.00	17.18 0.96 0.00	19.76 1.10 0.00	20.85 1.14 0.00	21.39 1.17 0.00	25.48 1.35 0.00	29.89 1.55 0.00	29.92 1.55 0.00	25.12 1.38 0.00	24.62 1.51 0.00	24.70 1.56 0.00	26.07 1.69 0.00	25.90 1.81 0.00	26.90 1.86 0.00	26.73 1.82 0.00	25.64 1.71 0.00	28.57 1.76 0.00	22.42 1.20 0.00	19.39 0.89 0.00
RAVENSWOOD_GT3_1 24248	19.82 1.09 0.00	18.71 1.02 0.00	15.92 0.85 0.00	12.71 0.69 0.00	10.75 0.59 0.00	11.94 0.66 0.00	17.17 0.95 0.00	19.76 1.10 0.00	20.84 1.13 0.00	21.38 1.16 0.00	25.48 1.34 0.00	29.88 1.54 0.00	29.91 1.54 0.00	25.11 1.37 0.00	24.60 1.49 0.00	24.70 1.55 0.00	26.07 1.69 0.00	25.89 1.80 0.00	26.89 1.85 0.00	26.72 1.81 0.00	25.63 1.70 0.00	28.55 1.75 0.00	22.41 1.19 0.00	19.38 0.88 0.00

RAVENSWOOD_GT3_2 24249	19.82 1.09 0.00	18.71 1.02 0.00	15.92 0.85 0.00	12.71 0.69 0.00	10.75 0.59 0.00	11.94 0.66 0.00	17.17 0.95 0.00	19.76 1.10 0.00	20.84 1.13 0.00	21.38 1.16 0.00	25.48 1.34 0.00	29.88 1.54 0.00	29.91 1.54 0.00	25.11 1.37 0.00	24.60 1.49 0.00	24.70 1.55 0.00	26.07 1.69 0.00	25.89 1.80 0.00	26.89 1.85 0.00	26.72 1.81 0.00	25.63 1.70 0.00	28.55 1.75 0.00	22.41 1.19 0.00	19.38 0.88 0.00
RAVENSWOOD_GT3_3 24250	19.84 1.11 0.00	18.73 1.04 0.00	15.94 0.87 0.00	12.73 0.70 0.00	10.77 0.60 0.00	11.95 0.68 0.00	17.19 0.97 0.00	19.78 1.11 0.00	20.87 1.16 0.00	21.42 1.19 0.00	25.51 1.38 0.00	29.91 1.58 0.00	29.95 1.58 0.00	25.15 1.41 0.00	24.65 1.53 0.00	24.73 1.59 0.00	26.10 1.72 0.00	25.93 1.84 0.00	26.93 1.89 0.00	26.75 1.85 0.00	25.67 1.73 0.00	28.60 1.79 0.00	22.45 1.22 0.00	19.41 0.91 0.00
RAVENSWOOD_GT3_4 24251	19.84 1.11 0.00	18.73 1.04 0.00	15.94 0.87 0.00	12.73 0.70 0.00	10.77 0.60 0.00	11.95 0.68 0.00	17.19 0.97 0.00	19.78 1.11 0.00	20.87 1.16 0.00	21.42 1.19 0.00	25.51 1.38 0.00	29.91 1.58 0.00	29.95 1.58 0.00	25.15 1.41 0.00	24.65 1.53 0.00	24.73 1.59 0.00	26.10 1.72 0.00	25.93 1.84 0.00	26.93 1.89 0.00	26.75 1.85 0.00	25.67 1.73 0.00	28.60 1.79 0.00	22.45 1.22 0.00	19.41 0.91 0.00
RAVENSWOOD_GT_1 23729	19.90 1.17 0.00	18.78 1.10 0.00	15.99 0.92 0.00	12.76 0.74 0.00	10.80 0.63 0.00	11.99 0.71 0.00	17.24 1.03 0.00	19.83 1.17 0.00	20.93 1.22 0.00	21.48 1.25 0.00	25.59 1.46 0.00	30.01 1.67 0.00	30.04 1.67 0.00	25.23 1.50 0.00	24.72 1.61 0.00	24.82 1.68 0.00	26.19 1.81 0.00	26.02 1.93 0.00	27.03 1.98 0.00	26.85 1.94 0.00	25.76 1.82 0.00	28.69 1.89 0.00	22.52 1.30 0.00	19.47 0.97 0.00
RAVENSWOOD_GT_10 24258	19.82 1.08 0.00	18.70 1.01 0.00	15.92 0.85 0.00	12.71 0.69 0.00	10.75 0.58 0.00	11.94 0.66 0.00	17.17 0.95 0.00	19.75 1.09 0.00	20.83 1.13 0.00	21.38 1.15 0.00	25.48 1.34 0.00	29.87 1.53 0.00	29.90 1.53 0.00	25.11 1.37 0.00	24.60 1.49 0.00	24.69 1.55 0.00	26.06 1.68 0.00	25.88 1.79 0.00	26.89 1.84 0.00	26.71 1.81 0.00	25.63 1.70 0.00	28.55 1.74 0.00	22.41 1.19 0.00	19.38 0.88 0.00
RAVENSWOOD_GT_11 24259	19.82 1.08 0.00	18.70 1.01 0.00	15.92 0.85 0.00	12.71 0.69 0.00	10.75 0.58 0.00	11.94 0.66 0.00	17.17 0.95 0.00	19.75 1.09 0.00	20.83 1.13 0.00	21.38 1.15 0.00	25.48 1.34 0.00	29.87 1.53 0.00	29.90 1.53 0.00	25.11 1.37 0.00	24.60 1.49 0.00	24.69 1.55 0.00	26.06 1.68 0.00	25.88 1.79 0.00	26.89 1.84 0.00	26.71 1.81 0.00	25.63 1.70 0.00	28.55 1.74 0.00	22.41 1.19 0.00	19.38 0.88 0.00
RAVENSWOOD_GT_4 24252	19.81 1.08 0.00	18.70 1.01 0.00	15.92 0.85 0.00	12.70 0.68 0.00	10.75 0.58 0.00	11.93 0.66 0.00	17.16 0.94 0.00	19.74 1.08 0.00	20.83 1.13 0.00	21.37 1.15 0.00	25.46 1.33 0.00	29.86 1.52 0.00	29.90 1.52 0.00	25.09 1.36 0.00	24.60 1.48 0.00	24.68 1.54 0.00	26.05 1.67 0.00	25.88 1.79 0.00	26.88 1.83 0.00	26.71 1.80 0.00	25.62 1.68 0.00	28.54 1.73 0.00	22.40 1.17 0.00	19.38 0.87 0.00
RAVENSWOOD_GT_5 24254	19.81 1.08 0.00	18.70 1.01 0.00	15.92 0.85 0.00	12.70 0.68 0.00	10.75 0.58 0.00	11.93 0.66 0.00	17.16 0.94 0.00	19.74 1.08 0.00	20.83 1.13 0.00	21.37 1.15 0.00	25.46 1.33 0.00	29.86 1.52 0.00	29.90 1.52 0.00	25.09 1.36 0.00	24.60 1.48 0.00	24.68 1.54 0.00	26.05 1.67 0.00	25.88 1.79 0.00	26.88 1.83 0.00	26.71 1.80 0.00	25.62 1.68 0.00	28.54 1.73 0.00	22.40 1.17 0.00	19.38 0.87 0.00
RAVENSWOOD_GT_6 24253	19.81 1.08 0.00	18.70 1.01 0.00	15.92 0.85 0.00	12.70 0.68 0.00	10.75 0.58 0.00	11.93 0.66 0.00	17.16 0.94 0.00	19.74 1.08 0.00	20.83 1.13 0.00	21.37 1.15 0.00	25.46 1.33 0.00	29.86 1.52 0.00	29.90 1.52 0.00	25.09 1.36 0.00	24.60 1.48 0.00	24.68 1.54 0.00	26.05 1.67 0.00	25.88 1.79 0.00	26.88 1.83 0.00	26.71 1.80 0.00	25.62 1.68 0.00	28.54 1.73 0.00	22.40 1.17 0.00	19.38 0.87 0.00
RAVENSWOOD_GT_7 24255	19.81 1.08 0.00	18.70 1.01 0.00	15.92 0.85 0.00	12.70 0.68 0.00	10.75 0.58 0.00	11.93 0.66 0.00	17.16 0.94 0.00	19.74 1.08 0.00	20.83 1.13 0.00	21.37 1.15 0.00	25.46 1.33 0.00	29.86 1.52 0.00	29.90 1.52 0.00	25.09 1.36 0.00	24.60 1.48 0.00	24.68 1.54 0.00	26.05 1.67 0.00	25.88 1.79 0.00	26.88 1.83 0.00	26.71 1.80 0.00	25.62 1.68 0.00	28.54 1.73 0.00	22.40 1.17 0.00	19.38 0.87 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	19.82 1.08 0.00	18.70 1.01 0.00	15.92 0.85 0.00	12.71 0.69 0.00	10.75 0.58 0.00	11.94 0.66 0.00	17.17 0.95 0.00	19.75 1.09 0.00	20.83 1.13 0.00	21.38 1.15 0.00	25.48 1.34 0.00	29.87 1.53 0.00	29.90 1.53 0.00	25.11 1.37 0.00	24.60 1.49 0.00	24.69 1.55 0.00	26.06 1.68 0.00	25.88 1.79 0.00	26.89 1.84 0.00	26.71 1.81 0.00	25.63 1.70 0.00	28.55 1.74 0.00	22.41 1.19 0.00	19.38 0.88 0.00
RAVENSWOOD_GT_9 24257	19.82 1.08 0.00	18.70 1.01 0.00	15.92 0.85 0.00	12.71 0.69 0.00	10.75 0.58 0.00	11.94 0.66 0.00	17.17 0.95 0.00	19.75 1.09 0.00	20.83 1.13 0.00	21.38 1.15 0.00	25.48 1.34 0.00	29.87 1.53 0.00	29.90 1.53 0.00	25.11 1.37 0.00	24.60 1.49 0.00	24.69 1.55 0.00	26.06 1.68 0.00	25.88 1.79 0.00	26.89 1.84 0.00	26.71 1.81 0.00	25.63 1.70 0.00	28.55 1.74 0.00	22.41 1.19 0.00	19.38 0.88 0.00
RAVENSWOOD___1 23533	19.86 1.13 0.00	18.75 1.06 0.00	15.96 0.89 0.00	12.75 0.72 0.00	10.78 0.62 0.00	11.98 0.70 0.00	17.21 0.99 0.00	19.80 1.14 0.00	20.89 1.18 0.00	21.43 1.20 0.00	25.54 1.41 0.00	29.94 1.61 0.00	29.98 1.61 0.00	25.18 1.44 0.00	24.67 1.56 0.00	24.76 1.62 0.00	26.14 1.76 0.00	25.96 1.87 0.00	26.97 1.93 0.00	26.79 1.88 0.00	25.71 1.77 0.00	28.63 1.83 0.00	22.48 1.25 0.00	19.43 0.92 0.00
RAVENSWOOD___2 23534	19.86 1.13 0.00	18.75 1.06 0.00	15.96 0.89 0.00	12.75 0.72 0.00	10.78 0.62 0.00	11.98 0.70 0.00	17.21 0.99 0.00	19.80 1.14 0.00	20.89 1.18 0.00	21.43 1.20 0.00	25.54 1.41 0.00	29.94 1.61 0.00	29.98 1.61 0.00	25.18 1.44 0.00	24.67 1.56 0.00	24.76 1.62 0.00	26.14 1.76 0.00	25.96 1.87 0.00	26.97 1.93 0.00	26.79 1.88 0.00	25.71 1.77 0.00	28.63 1.83 0.00	22.48 1.25 0.00	19.43 0.92 0.00
RAVENSWOOD___3 23535	19.82 1.09 0.00	18.71 1.02 0.00	15.92 0.85 0.00	12.71 0.69 0.00	10.75 0.59 0.00	11.94 0.66 0.00	17.17 0.95 0.00	19.76 1.09 0.00	20.84 1.13 0.00	21.38 1.16 0.00	25.47 1.34 0.00	29.88 1.54 0.00	29.91 1.54 0.00	25.12 1.37 0.00	24.61 1.49 0.00	24.70 1.56 0.00	26.07 1.69 0.00	25.89 1.80 0.00	26.89 1.85 0.00	26.72 1.81 0.00	25.63 1.70 0.00	28.55 1.75 0.00	22.42 1.19 0.00	19.39 0.88 0.00

RAVENSWOOD___4 23820	19.86 1.13 0.00	18.75 1.06 0.00	15.96 0.89 0.00	12.75 0.72 0.00	10.78 0.62 0.00	11.98 0.70 0.00	17.21 0.99 0.00	19.80 1.14 0.00	20.89 1.18 0.00	21.43 1.20 0.00	25.54 1.41 0.00	29.94 1.61 0.00	29.98 1.61 0.00	25.18 1.44 0.00	24.67 1.56 0.00	24.76 1.62 0.00	26.14 1.76 0.00	25.96 1.87 0.00	26.97 1.93 0.00	26.79 1.88 0.00	25.71 1.77 0.00	28.63 1.83 0.00	22.48 1.25 0.00	19.43 0.92 0.00
RCPI_TRUST___DRP 24196	19.84 1.11 0.00	18.73 1.04 0.00	15.94 0.87 0.00	12.73 0.70 0.00	10.77 0.60 0.00	11.95 0.68 0.00	17.19 0.97 0.00	19.78 1.11 0.00	20.86 1.16 0.00	21.41 1.19 0.00	25.51 1.37 0.00	29.91 1.58 0.00	29.96 1.58 0.00	25.14 1.40 0.00	24.65 1.53 0.00	24.73 1.59 0.00	26.09 1.72 0.00	25.92 1.83 0.00	26.92 1.87 0.00	26.75 1.84 0.00	25.66 1.73 0.00	28.59 1.78 0.00	22.44 1.21 0.00	19.40 0.90 0.00
RED___ROCHESTER 323720	18.11 -0.62 0.00	16.98 -0.70 0.00	14.46 -0.61 0.00	11.52 -0.50 0.00	9.74 -0.43 0.00	10.80 -0.48 0.00	15.74 -0.48 0.00	18.05 -0.61 0.00	19.19 -0.52 0.00	19.61 -0.62 0.00	23.34 -0.79 0.00	27.36 -0.98 0.00	27.43 -0.94 0.00	22.87 -0.87 0.00	22.26 -0.85 0.00	22.51 -0.63 0.00	23.67 -0.71 0.00	23.36 -0.73 0.00	24.19 -0.85 0.00	24.12 -0.78 0.00	23.28 -0.66 0.00	26.16 -0.65 0.00	20.78 -0.45 0.00	18.27 -0.23 0.00
REGAN___SOLAR 323812	20.44 1.71 0.00	19.20 1.52 0.00	16.32 1.25 0.00	13.05 1.02 0.00	11.04 0.88 0.00	12.26 0.98 0.00	17.69 1.47 0.00	20.48 1.82 0.00	21.74 2.04 0.00	22.34 2.11 0.00	26.68 2.54 0.00	31.41 3.08 0.00	31.48 3.11 0.00	26.25 2.52 0.00	25.60 2.48 0.00	25.74 2.60 0.00	27.30 2.92 0.00	26.98 2.89 0.00	27.93 2.88 0.00	27.75 2.84 0.00	26.64 2.71 0.00	29.73 2.92 0.00	23.42 2.19 0.00	20.35 1.85 0.00
RENSSELAER___COGEN 23796	18.93 0.20 0.00	17.94 0.26 0.00	15.35 0.27 0.00	12.25 0.23 0.00	10.36 0.19 0.00	11.51 0.23 0.00	16.50 0.28 0.00	18.90 0.24 0.00	19.93 0.22 0.00	20.48 0.25 0.00	24.35 0.22 0.00	28.56 0.22 0.00	28.59 0.22 0.00	23.99 0.25 0.00	23.44 0.33 0.00	23.49 0.34 0.00	24.75 0.37 0.00	24.59 0.50 0.00	25.49 0.44 0.00	25.32 0.42 0.00	24.25 0.31 0.00	27.07 0.26 0.00	21.31 0.08 0.00	18.51 0.01 0.00
REPUBLIC_115KV_BARTNBRK 55605	20.30 1.57 0.00	19.12 1.43 0.00	16.16 1.08 0.00	12.88 0.86 0.00	10.84 0.68 0.00	12.10 0.82 0.00	17.53 1.31 0.00	20.49 1.83 0.00	21.45 1.75 0.00	21.94 1.72 0.00	26.06 1.93 0.00	30.51 2.17 0.00	30.44 2.07 0.00	25.57 1.83 0.00	25.09 1.97 0.00	25.29 2.15 0.00	26.71 2.34 0.00	26.79 2.70 0.00	27.68 2.63 0.00	27.14 2.23 0.00	25.83 1.89 0.00	28.92 2.11 0.00	22.69 1.46 0.00	19.64 1.14 0.00
REVERE_CPWR_DRP 24186	19.03 0.30 0.00	17.96 0.27 0.00	15.29 0.21 0.00	12.19 0.17 0.00	10.34 0.17 0.00	11.46 0.18 0.00	16.50 0.28 0.00	19.05 0.39 0.00	20.14 0.44 0.00	20.69 0.47 0.00	24.69 0.56 0.00	28.97 0.63 0.00	29.03 0.66 0.00	24.31 0.57 0.00	23.71 0.59 0.00	23.81 0.67 0.00	25.12 0.74 0.00	24.83 0.73 0.00	25.76 0.72 0.00	25.64 0.73 0.00	24.61 0.67 0.00	27.52 0.71 0.00	21.75 0.52 0.00	18.92 0.42 0.00
REYNOLDS_115KV_TB3 80639	19.07 0.34 0.00	18.07 0.39 0.00	15.43 0.36 0.00	12.32 0.30 0.00	10.41 0.25 0.00	11.57 0.30 0.00	16.61 0.39 0.00	19.05 0.38 0.00	20.07 0.36 0.00	20.61 0.38 0.00	24.53 0.39 0.00	28.74 0.41 0.00	28.77 0.40 0.00	24.15 0.41 0.00	23.60 0.48 0.00	23.63 0.49 0.00	24.90 0.53 0.00	24.76 0.66 0.00	25.66 0.61 0.00	25.50 0.59 0.00	24.41 0.47 0.00	27.24 0.44 0.00	21.44 0.22 0.00	18.60 0.10 0.00
RIVERBAY____ 323610	19.86 1.13 0.00	18.76 1.07 0.00	15.98 0.90 0.00	12.75 0.73 0.00	10.78 0.62 0.00	12.00 0.72 0.00	17.27 1.05 0.00	19.87 1.21 0.00	20.96 1.25 0.00	21.46 1.23 0.00	25.53 1.40 0.00	30.00 1.66 0.00	30.02 1.64 0.00	25.23 1.49 0.00	24.73 1.61 0.00	24.81 1.67 0.00	26.19 1.81 0.00	26.01 1.92 0.00	27.02 1.97 0.00	26.80 1.89 0.00	25.72 1.78 0.00	28.64 1.84 0.00	22.49 1.27 0.00	19.46 0.95 0.00
RIVERSDE_115KV_TB3 55908	19.01 0.28 0.00	18.02 0.33 0.00	15.40 0.33 0.00	12.29 0.26 0.00	10.39 0.22 0.00	11.54 0.27 0.00	16.56 0.34 0.00	18.98 0.32 0.00	20.01 0.30 0.00	20.56 0.33 0.00	24.45 0.32 0.00	28.66 0.33 0.00	28.70 0.33 0.00	24.09 0.35 0.00	23.54 0.42 0.00	23.57 0.43 0.00	24.85 0.47 0.00	24.70 0.60 0.00	25.60 0.55 0.00	25.44 0.53 0.00	24.35 0.41 0.00	27.18 0.37 0.00	21.39 0.16 0.00	18.57 0.07 0.00
ROARING___BROOK_WT_PWR 323790	18.11 -0.62 0.00	17.11 -0.58 0.00	14.57 -0.51 0.00	11.63 -0.40 0.00	9.84 -0.32 0.00	10.94 -0.34 0.00	15.67 -0.54 0.00	18.06 -0.60 0.00	19.07 -0.64 0.00	19.59 -0.64 0.00	23.40 -0.73 0.00	27.50 -0.83 0.00	27.61 -0.76 0.00	23.11 -0.63 0.00	22.44 -0.68 0.00	22.35 -0.79 0.00	23.56 -0.82 0.00	23.33 -0.76 0.00	24.31 -0.73 0.00	24.16 -0.74 0.00	23.36 -0.57 0.00	26.26 -0.54 0.00	20.85 -0.37 0.00	18.16 -0.34 0.00
ROCHESRG_115KV_T4 355643	17.94 -0.80 0.00	16.83 -0.85 0.00	14.34 -0.73 0.00	11.42 -0.60 0.00	9.66 -0.51 0.00	10.70 -0.57 0.00	15.60 -0.63 0.00	17.88 -0.78 0.00	19.00 -0.70 0.00	19.40 -0.82 0.00	23.09 -1.05 0.00	27.06 -1.27 0.00	27.13 -1.24 0.00	22.61 -1.13 0.00	22.01 -1.10 0.00	22.25 -0.89 0.00	23.38 -1.00 0.00	23.07 -1.02 0.00	23.89 -1.16 0.00	23.82 -1.09 0.00	22.99 -0.94 0.00	25.86 -0.95 0.00	20.57 -0.65 0.00	18.10 -0.41 0.00
ROCHESTER_9_IC 23652	18.03 -0.70 0.00	16.91 -0.77 0.00	14.41 -0.66 0.00	11.47 -0.55 0.00	9.70 -0.47 0.00	10.76 -0.52 0.00	15.68 -0.55 0.00	17.98 -0.69 0.00	19.11 -0.60 0.00	19.52 -0.71 0.00	23.23 -0.91 0.00	27.23 -1.11 0.00	27.29 -1.08 0.00	22.75 -0.99 0.00	22.15 -0.97 0.00	22.39 -0.75 0.00	23.53 -0.85 0.00	23.22 -0.87 0.00	24.04 -1.00 0.00	23.98 -0.93 0.00	23.14 -0.79 0.00	26.02 -0.79 0.00	20.69 -0.54 0.00	18.20 -0.31 0.00
ROCKVIEW_13_KV_LD 356306	19.81 1.08 0.00	18.70 1.01 0.00	15.91 0.84 0.00	12.70 0.68 0.00	10.75 0.58 0.00	11.94 0.66 0.00	17.18 0.96 0.00	19.76 1.10 0.00	20.85 1.15 0.00	21.40 1.17 0.00	25.50 1.36 0.00	29.89 1.56 0.00	29.93 1.55 0.00	25.13 1.39 0.00	24.62 1.51 0.00	24.70 1.56 0.00	26.07 1.69 0.00	25.90 1.81 0.00	26.90 1.86 0.00	26.73 1.82 0.00	25.63 1.70 0.00	28.55 1.75 0.00	22.42 1.19 0.00	19.38 0.88 0.00
ROME____115KV_TB2 80656	19.03 0.30 0.00	17.96 0.27 0.00	15.29 0.21 0.00	12.19 0.17 0.00	10.34 0.17 0.00	11.46 0.18 0.00	16.50 0.28 0.00	19.05 0.39 0.00	20.14 0.44 0.00	20.69 0.47 0.00	24.69 0.56 0.00	28.97 0.63 0.00	29.03 0.66 0.00	24.31 0.57 0.00	23.71 0.59 0.00	23.81 0.67 0.00	25.12 0.74 0.00	24.83 0.73 0.00	25.76 0.72 0.00	25.64 0.73 0.00	24.61 0.67 0.00	27.52 0.71 0.00	21.75 0.52 0.00	18.92 0.42 0.00

ROSETON___1 23587	19.57 0.84 0.00	18.49 0.80 0.00	15.74 0.67 0.00	12.56 0.54 0.00	10.63 0.46 0.00	11.81 0.53 0.00	16.97 0.75 0.00	19.53 0.87 0.00	20.60 0.89 0.00	21.13 0.91 0.00	25.17 1.03 0.00	29.51 1.18 0.00	29.53 1.16 0.00	24.80 1.06 0.00	24.28 1.16 0.00	24.36 1.22 0.00	25.69 1.31 0.00	25.53 1.44 0.00	26.50 1.45 0.00	26.33 1.42 0.00	25.25 1.31 0.00	28.15 1.34 0.00	22.12 0.89 0.00	19.13 0.63 0.00
ROSETON___2 23588	19.57 0.84 0.00	18.49 0.80 0.00	15.74 0.67 0.00	12.56 0.54 0.00	10.63 0.46 0.00	11.81 0.53 0.00	16.97 0.75 0.00	19.53 0.87 0.00	20.60 0.89 0.00	21.13 0.91 0.00	25.17 1.03 0.00	29.51 1.18 0.00	29.53 1.16 0.00	24.80 1.06 0.00	24.28 1.16 0.00	24.36 1.22 0.00	25.69 1.31 0.00	25.53 1.44 0.00	26.50 1.45 0.00	26.33 1.42 0.00	25.25 1.31 0.00	28.15 1.34 0.00	22.12 0.89 0.00	19.13 0.63 0.00
ROTRDAM_115KV_TB3 80664	19.23 0.50 0.00	18.19 0.50 0.00	15.50 0.43 0.00	12.37 0.35 0.00	10.45 0.29 0.00	11.61 0.33 0.00	16.67 0.45 0.00	19.19 0.53 0.00	20.24 0.54 0.00	20.77 0.55 0.00	24.76 0.63 0.00	29.05 0.72 0.00	29.09 0.72 0.00	24.38 0.64 0.00	23.80 0.68 0.00	23.86 0.72 0.00	25.15 0.77 0.00	24.96 0.87 0.00	25.89 0.84 0.00	25.72 0.81 0.00	24.66 0.72 0.00	27.55 0.75 0.00	21.73 0.50 0.00	18.87 0.37 0.00
RUSSELL___1 23602	18.11 -0.62 0.00	16.98 -0.70 0.00	14.47 -0.61 0.00	11.52 -0.51 0.00	9.74 -0.43 0.00	10.80 -0.48 0.00	15.74 -0.48 0.00	18.05 -0.61 0.00	19.19 -0.52 0.00	19.61 -0.62 0.00	23.33 -0.80 0.00	27.36 -0.98 0.00	27.43 -0.94 0.00	22.87 -0.87 0.00	22.26 -0.85 0.00	22.51 -0.63 0.00	23.67 -0.71 0.00	23.36 -0.73 0.00	24.19 -0.85 0.00	24.13 -0.78 0.00	23.27 -0.66 0.00	26.15 -0.65 0.00	20.79 -0.44 0.00	18.27 -0.23 0.00
RUSSELL___2 23532	18.11 -0.62 0.00	16.98 -0.70 0.00	14.47 -0.61 0.00	11.52 -0.51 0.00	9.74 -0.43 0.00	10.80 -0.48 0.00	15.74 -0.48 0.00	18.05 -0.61 0.00	19.19 -0.52 0.00	19.61 -0.62 0.00	23.33 -0.80 0.00	27.36 -0.98 0.00	27.43 -0.94 0.00	22.87 -0.87 0.00	22.26 -0.85 0.00	22.51 -0.63 0.00	23.67 -0.71 0.00	23.36 -0.73 0.00	24.19 -0.85 0.00	24.13 -0.78 0.00	23.27 -0.66 0.00	26.15 -0.65 0.00	20.79 -0.44 0.00	18.27 -0.23 0.00
RUSSELL___3 23549	18.11 -0.62 0.00	16.98 -0.70 0.00	14.47 -0.61 0.00	11.52 -0.51 0.00	9.74 -0.43 0.00	10.80 -0.48 0.00	15.74 -0.48 0.00	18.05 -0.61 0.00	19.19 -0.52 0.00	19.61 -0.62 0.00	23.33 -0.80 0.00	27.36 -0.98 0.00	27.43 -0.94 0.00	22.87 -0.87 0.00	22.26 -0.85 0.00	22.51 -0.63 0.00	23.67 -0.71 0.00	23.36 -0.73 0.00	24.19 -0.85 0.00	24.13 -0.78 0.00	23.27 -0.66 0.00	26.15 -0.65 0.00	20.79 -0.44 0.00	18.27 -0.23 0.00
RUSSELL___4 23556	18.11 -0.62 0.00	16.98 -0.70 0.00	14.47 -0.61 0.00	11.52 -0.51 0.00	9.74 -0.43 0.00	10.80 -0.48 0.00	15.74 -0.48 0.00	18.05 -0.61 0.00	19.19 -0.52 0.00	19.61 -0.62 0.00	23.33 -0.80 0.00	27.36 -0.98 0.00	27.43 -0.94 0.00	22.87 -0.87 0.00	22.26 -0.85 0.00	22.51 -0.63 0.00	23.67 -0.71 0.00	23.36 -0.73 0.00	24.19 -0.85 0.00	24.13 -0.78 0.00	23.27 -0.66 0.00	26.15 -0.65 0.00	20.79 -0.44 0.00	18.27 -0.23 0.00
RUSSELL___STATION 23914	18.11 -0.62 0.00	16.98 -0.70 0.00	14.47 -0.61 0.00	11.52 -0.51 0.00	9.74 -0.43 0.00	10.80 -0.48 0.00	15.74 -0.48 0.00	18.05 -0.61 0.00	19.19 -0.52 0.00	19.61 -0.62 0.00	23.33 -0.80 0.00	27.36 -0.98 0.00	27.43 -0.94 0.00	22.87 -0.87 0.00	22.26 -0.85 0.00	22.51 -0.63 0.00	23.67 -0.71 0.00	23.36 -0.73 0.00	24.19 -0.85 0.00	24.13 -0.78 0.00	23.27 -0.66 0.00	26.15 -0.65 0.00	20.79 -0.44 0.00	18.27 -0.23 0.00
S SALMON___HYD 24043	18.07 -0.66 0.00	17.03 -0.65 0.00	14.50 -0.58 0.00	11.56 -0.46 0.00	9.79 -0.37 0.00	10.85 -0.43 0.00	15.62 -0.59 0.00	18.02 -0.65 0.00	19.03 -0.68 0.00	19.52 -0.71 0.00	23.31 -0.82 0.00	27.34 -0.99 0.00	27.39 -0.98 0.00	22.91 -0.83 0.00	22.34 -0.77 0.00	22.45 -0.69 0.00	23.63 -0.75 0.00	23.36 -0.72 0.00	24.16 -0.89 0.00	24.07 -0.84 0.00	23.13 -0.80 0.00	25.91 -0.90 0.00	20.58 -0.64 0.00	17.96 -0.55 0.00
S.PERRY__115KV_TB1 80734	18.19 -0.54 0.00	17.03 -0.66 0.00	14.49 -0.58 0.00	11.52 -0.51 0.00	9.73 -0.43 0.00	10.81 -0.46 0.00	15.83 -0.39 0.00	18.21 -0.45 0.00	19.41 -0.30 0.00	19.84 -0.39 0.00	23.54 -0.59 0.00	27.51 -0.83 0.00	27.55 -0.82 0.00	23.01 -0.72 0.00	22.44 -0.67 0.00	22.72 -0.42 0.00	23.93 -0.45 0.00	23.77 -0.32 0.00	24.71 -0.33 0.00	24.70 -0.20 0.00	23.92 -0.01 0.00	26.91 0.10 0.00	21.33 0.11 0.00	18.78 0.27 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	17.57 -1.16 0.00	16.43 -1.25 0.00	14.00 -1.08 0.00	11.13 -0.90 0.00	9.41 -0.76 0.00	10.41 -0.86 0.00	15.28 -0.94 0.00	17.45 -1.21 0.00	18.62 -1.08 0.00	18.92 -1.30 0.00	22.46 -1.68 0.00	26.28 -2.06 0.00	26.39 -1.99 0.00	21.97 -1.77 0.00	21.40 -1.72 0.00	21.74 -1.40 0.00	22.75 -1.63 0.00	22.45 -1.65 0.00	23.23 -1.81 0.00	23.26 -1.65 0.00	22.56 -1.38 0.00	25.48 -1.32 0.00	20.33 -0.89 0.00	18.01 -0.49 0.00
SAWYER___23_KV_LOAD 55526	17.57 -1.16 0.00	16.43 -1.25 0.00	14.00 -1.08 0.00	11.13 -0.90 0.00	9.41 -0.76 0.00	10.41 -0.86 0.00	15.28 -0.94 0.00	17.45 -1.21 0.00	18.62 -1.08 0.00	18.92 -1.30 0.00	22.46 -1.68 0.00	26.28 -2.06 0.00	26.39 -1.99 0.00	21.97 -1.77 0.00	21.40 -1.72 0.00	21.74 -1.40 0.00	22.75 -1.63 0.00	22.45 -1.65 0.00	23.23 -1.81 0.00	23.26 -1.65 0.00	22.56 -1.38 0.00	25.48 -1.32 0.00	20.33 -0.89 0.00	18.01 -0.49 0.00
SELKIRK___I 23801	19.07 0.34 0.00	18.06 0.38 0.00	15.44 0.37 0.00	12.32 0.30 0.00	10.42 0.25 0.00	11.57 0.29 0.00	16.60 0.38 0.00	19.05 0.39 0.00	20.09 0.38 0.00	20.63 0.41 0.00	24.53 0.40 0.00	28.77 0.44 0.00	28.82 0.44 0.00	24.17 0.43 0.00	23.60 0.49 0.00	23.65 0.51 0.00	24.93 0.55 0.00	24.74 0.65 0.00	25.66 0.61 0.00	25.50 0.59 0.00	24.43 0.49 0.00	27.27 0.47 0.00	21.48 0.25 0.00	18.66 0.16 0.00
SELKIRK___II 23799	19.02 0.29 0.00	18.02 0.33 0.00	15.39 0.32 0.00	12.28 0.26 0.00	10.39 0.22 0.00	11.54 0.26 0.00	16.55 0.33 0.00	18.99 0.33 0.00	20.02 0.32 0.00	20.57 0.34 0.00	24.48 0.35 0.00	28.71 0.37 0.00	28.74 0.37 0.00	24.11 0.37 0.00	23.55 0.44 0.00	23.59 0.45 0.00	24.86 0.48 0.00	24.69 0.60 0.00	25.61 0.56 0.00	25.45 0.54 0.00	24.38 0.44 0.00	27.22 0.41 0.00	21.44 0.21 0.00	18.62 0.12 0.00
SENECA OSWGO___HYD 24041	18.25 -0.48 0.00	17.21 -0.47 0.00	14.67 -0.40 0.00	11.70 -0.32 0.00	9.90 -0.27 0.00	10.98 -0.29 0.00	15.83 -0.38 0.00	18.20 -0.46 0.00	19.21 -0.49 0.00	19.71 -0.52 0.00	23.52 -0.61 0.00	27.64 -0.70 0.00	27.67 -0.71 0.00	23.11 -0.63 0.00	22.48 -0.64 0.00	22.57 -0.57 0.00	23.80 -0.58 0.00	23.54 -0.55 0.00	24.39 -0.66 0.00	24.27 -0.64 0.00	23.32 -0.61 0.00	26.10 -0.70 0.00	20.73 -0.50 0.00	18.11 -0.39 0.00

SENECA___115KV_TB3 355854	17.78 -0.95 0.00	16.63 -1.06 0.00	14.16 -0.91 0.00	11.26 -0.76 0.00	9.52 -0.65 0.00	10.54 -0.74 0.00	15.46 -0.76 0.00	17.69 -0.97 0.00	18.87 -0.84 0.00	19.17 -1.05 0.00	22.76 -1.37 0.00	26.65 -1.69 0.00	26.73 -1.64 0.00	22.27 -1.47 0.00	21.70 -1.41 0.00	22.04 -1.10 0.00	23.10 -1.28 0.00	22.82 -1.27 0.00	23.66 -1.39 0.00	23.69 -1.21 0.00	22.98 -0.96 0.00	25.94 -0.86 0.00	20.67 -0.56 0.00	18.29 -0.21 0.00
SENECA___ENERGY 23797	18.42 -0.31 0.00	17.32 -0.36 0.00	14.73 -0.34 0.00	11.74 -0.29 0.00	9.95 -0.21 0.00	11.05 -0.23 0.00	15.99 -0.23 0.00	18.39 -0.28 0.00	19.51 -0.19 0.00	19.95 -0.27 0.00	23.84 -0.29 0.00	27.92 -0.41 0.00	28.02 -0.36 0.00	23.40 -0.34 0.00	22.79 -0.33 0.00	22.94 -0.20 0.00	24.21 -0.17 0.00	23.88 -0.21 0.00	24.87 -0.17 0.00	24.80 -0.11 0.00	23.82 -0.12 0.00	26.73 -0.07 0.00	21.13 -0.10 0.00	18.50 -0.01 0.00
SHOEMAKER___GT 23640	19.46 0.73 0.00	18.37 0.69 0.00	15.64 0.57 0.00	12.49 0.46 0.00	10.57 0.40 0.00	11.73 0.45 0.00	16.86 0.64 0.00	19.41 0.75 0.00	20.48 0.78 0.00	21.01 0.79 0.00	25.03 0.89 0.00	29.35 1.01 0.00	29.37 0.99 0.00	24.66 0.91 0.00	24.13 1.02 0.00	24.20 1.06 0.00	25.53 1.15 0.00	25.34 1.25 0.00	26.32 1.27 0.00	26.15 1.25 0.00	25.08 1.15 0.00	27.97 1.16 0.00	22.00 0.77 0.00	19.05 0.54 0.00
SHOEMAKR_138KV_BK 111 55601	19.45 0.72 0.00	18.37 0.68 0.00	15.64 0.57 0.00	12.49 0.47 0.00	10.57 0.40 0.00	11.73 0.46 0.00	16.86 0.64 0.00	19.41 0.75 0.00	20.48 0.77 0.00	21.01 0.78 0.00	25.02 0.89 0.00	29.34 1.01 0.00	29.36 0.99 0.00	24.65 0.91 0.00	24.12 1.01 0.00	24.20 1.06 0.00	25.53 1.15 0.00	25.34 1.25 0.00	26.31 1.27 0.00	26.15 1.24 0.00	25.08 1.15 0.00	27.98 1.17 0.00	22.00 0.77 0.00	19.05 0.54 0.00
SHOREHAM_IC_1 23715	20.27 1.54 0.00	19.12 1.43 0.00	16.24 1.17 0.00	12.95 0.92 0.00	10.96 0.79 0.00	12.16 0.89 0.00	17.56 1.34 0.00	20.17 1.51 0.00	21.38 1.68 0.00	21.95 1.73 0.00	36.70 1.83 -10.73	30.16 1.82 0.00	30.19 1.82 0.00	25.30 1.56 0.00	24.75 1.64 0.00	24.78 1.64 0.00	26.62 2.24 0.00	26.20 2.11 0.00	27.33 2.28 0.00	27.39 2.49 0.00	25.94 2.00 0.00	28.81 2.00 0.00	23.87 1.63 -1.02	19.87 1.36 0.00
SHOREHAM_IC_2 23716	20.27 1.54 0.00	19.12 1.43 0.00	16.24 1.17 0.00	12.95 0.92 0.00	10.96 0.79 0.00	12.16 0.89 0.00	17.56 1.34 0.00	20.17 1.51 0.00	21.38 1.68 0.00	21.95 1.73 0.00	36.70 1.83 -10.73	30.16 1.82 0.00	30.19 1.82 0.00	25.30 1.56 0.00	24.75 1.64 0.00	24.78 1.64 0.00	26.62 2.24 0.00	26.20 2.11 0.00	27.33 2.28 0.00	27.39 2.49 0.00	25.94 2.00 0.00	28.81 2.00 0.00	23.87 1.63 -1.02	19.87 1.36 0.00
SISSONVILLE____ 23735	18.60 -0.13 0.00	17.53 -0.16 0.00	14.87 -0.20 0.00	11.85 -0.17 0.00	12.71 -0.17 -2.71	14.13 -0.32 -3.17	18.96 -0.54 -3.28	18.18 -0.48 0.00	19.28 -0.42 0.00	19.85 -0.37 0.00	23.81 -0.32 0.00	28.08 -0.25 0.00	28.16 -0.21 0.00	23.51 -0.22 0.00	22.78 -0.34 0.00	22.54 -0.60 0.00	30.13 -0.65 -6.40	30.08 -0.88 -6.87	31.33 -0.74 -7.02	27.68 -0.72 -3.50	27.88 -0.64 -4.58	28.10 -0.59 -1.89	20.98 -0.25 0.00	19.00 0.00 -0.50
SITHE_IND_GS1 24169	18.11 -0.62 0.00	17.09 -0.60 0.00	14.57 -0.50 0.00	11.62 -0.40 0.00	9.83 -0.34 0.00	10.90 -0.37 0.00	15.70 -0.51 0.00	18.04 -0.62 0.00	19.03 -0.68 0.00	19.51 -0.71 0.00	23.29 -0.84 0.00	27.37 -0.96 0.00	27.40 -0.97 0.00	22.88 -0.87 0.00	22.22 -0.89 0.00	22.29 -0.84 0.00	23.49 -0.89 0.00	23.21 -0.88 0.00	24.08 -0.97 0.00	23.95 -0.96 0.00	23.03 -0.90 0.00	25.80 -1.01 0.00	20.53 -0.70 0.00	17.97 -0.54 0.00
SITHE_IND_GS2 24170	18.11 -0.62 0.00	17.09 -0.60 0.00	14.57 -0.50 0.00	11.62 -0.40 0.00	9.83 -0.34 0.00	10.90 -0.37 0.00	15.70 -0.51 0.00	18.04 -0.62 0.00	19.03 -0.68 0.00	19.51 -0.71 0.00	23.29 -0.84 0.00	27.37 -0.96 0.00	27.40 -0.97 0.00	22.88 -0.87 0.00	22.22 -0.89 0.00	22.29 -0.84 0.00	23.49 -0.89 0.00	23.21 -0.88 0.00	24.08 -0.97 0.00	23.95 -0.96 0.00	23.03 -0.90 0.00	25.80 -1.01 0.00	20.53 -0.70 0.00	17.97 -0.54 0.00
SITHE_IND_GS3 24171	18.11 -0.62 0.00	17.09 -0.60 0.00	14.57 -0.50 0.00	11.62 -0.40 0.00	9.83 -0.34 0.00	10.90 -0.37 0.00	15.70 -0.51 0.00	18.04 -0.62 0.00	19.03 -0.68 0.00	19.51 -0.71 0.00	23.29 -0.84 0.00	27.37 -0.96 0.00	27.40 -0.97 0.00	22.88 -0.87 0.00	22.22 -0.89 0.00	22.29 -0.84 0.00	23.49 -0.89 0.00	23.21 -0.88 0.00	24.08 -0.97 0.00	23.95 -0.96 0.00	23.03 -0.90 0.00	25.80 -1.01 0.00	20.53 -0.70 0.00	17.97 -0.54 0.00
SITHE_IND_GS4 24172	18.11 -0.62 0.00	17.09 -0.60 0.00	14.57 -0.50 0.00	11.62 -0.40 0.00	9.83 -0.34 0.00	10.90 -0.37 0.00	15.70 -0.51 0.00	18.04 -0.62 0.00	19.03 -0.68 0.00	19.51 -0.71 0.00	23.29 -0.84 0.00	27.37 -0.96 0.00	27.40 -0.97 0.00	22.88 -0.87 0.00	22.22 -0.89 0.00	22.29 -0.84 0.00	23.49 -0.89 0.00	23.21 -0.88 0.00	24.08 -0.97 0.00	23.95 -0.96 0.00	23.03 -0.90 0.00	25.80 -1.01 0.00	20.53 -0.70 0.00	17.97 -0.54 0.00
SITHE___BATAVIA 24024	18.04 -0.69 0.00	16.88 -0.80 0.00	14.38 -0.69 0.00	11.43 -0.59 0.00	9.67 -0.50 0.00	10.71 -0.56 0.00	15.71 -0.51 0.00	17.97 -0.69 0.00	19.16 -0.54 0.00	19.49 -0.74 0.00	23.16 -0.97 0.00	27.10 -1.23 0.00	27.22 -1.15 0.00	22.68 -1.06 0.00	22.10 -1.02 0.00	22.44 -0.70 0.00	23.55 -0.83 0.00	23.22 -0.87 0.00	24.03 -1.01 0.00	23.99 -0.92 0.00	23.23 -0.71 0.00	26.14 -0.66 0.00	20.79 -0.44 0.00	18.36 -0.15 0.00
SITHE___INDEPEND 23800	18.11 -0.62 0.00	17.09 -0.60 0.00	14.57 -0.50 0.00	11.62 -0.40 0.00	9.83 -0.34 0.00	10.90 -0.37 0.00	15.70 -0.51 0.00	18.04 -0.62 0.00	19.03 -0.68 0.00	19.51 -0.71 0.00	23.29 -0.84 0.00	27.37 -0.96 0.00	27.40 -0.97 0.00	22.88 -0.87 0.00	22.22 -0.90 0.00	22.29 -0.84 0.00	23.49 -0.89 0.00	23.21 -0.88 0.00	24.08 -0.97 0.00	23.95 -0.96 0.00	23.02 -0.91 0.00	25.80 -1.01 0.00	20.53 -0.69 0.00	17.97 -0.54 0.00
SITHE___MASSENA 23902	18.89 0.16 0.00	17.80 0.12 0.00	15.13 0.06 0.00	12.07 0.04 0.00	10.69 0.02 -0.50	11.85 -0.02 -0.59	16.81 -0.02 -0.61	18.71 0.05 0.00	19.81 0.11 0.00	20.38 0.16 0.00	24.39 0.26 0.00	28.66 0.32 0.00	28.73 0.36 0.00	23.99 0.25 0.00	23.26 0.14 0.00	22.97 -0.16 0.00	25.54 -0.02 -1.18	25.14 -0.22 -1.27	26.29 -0.06 -1.30	25.50 -0.05 -0.65	24.80 0.01 -0.85	27.28 0.13 -0.35	21.44 0.21 0.00	18.88 0.28 -0.09
SITHE___OGDNSBRG 24021	19.06 0.33 0.00	17.95 0.26 0.00	15.25 0.18 0.00	12.15 0.13 0.00	12.12 0.10 -1.86	13.48 0.03 -2.17	18.49 0.03 -2.24	18.82 0.16 0.00	19.96 0.25 0.00	20.55 0.32 0.00	24.60 0.46 0.00	28.91 0.57 0.00	28.95 0.58 0.00	24.19 0.45 0.00	23.46 0.34 0.00	23.18 0.04 0.00	28.98 0.22 -4.37	28.78 0.00 -4.70	30.02 0.17 -4.80	27.46 0.16 -2.39	27.28 0.21 -3.13	28.44 0.35 -1.29	21.63 0.41 0.00	19.33 0.49 -0.34

SITHE___STERLING 23777	18.97 0.24 0.00	17.92 0.24 0.00	15.26 0.19 0.00	12.17 0.15 0.00	10.31 0.14 0.00	11.44 0.16 0.00	16.48 0.26 0.00	19.00 0.33 0.00	20.06 0.36 0.00	20.62 0.39 0.00	24.59 0.45 0.00	28.87 0.53 0.00	28.91 0.54 0.00	24.20 0.46 0.00	23.59 0.48 0.00	23.69 0.55 0.00	24.98 0.60 0.00	24.69 0.59 0.00	25.62 0.57 0.00	25.49 0.58 0.00	24.47 0.53 0.00	27.37 0.56 0.00	21.62 0.40 0.00	18.83 0.33 0.00
SLEIGHT__34_KV_TB1 80719	18.16 -0.57 0.00	17.07 -0.61 0.00	14.53 -0.54 0.00	11.58 -0.44 0.00	9.80 -0.36 0.00	10.88 -0.40 0.00	15.80 -0.42 0.00	18.14 -0.53 0.00	19.27 -0.43 0.00	19.71 -0.52 0.00	23.51 -0.63 0.00	27.55 -0.78 0.00	27.64 -0.74 0.00	23.05 -0.68 0.00	22.44 -0.67 0.00	22.65 -0.50 0.00	23.86 -0.52 0.00	23.53 -0.56 0.00	24.40 -0.65 0.00	24.32 -0.59 0.00	23.39 -0.55 0.00	26.24 -0.56 0.00	20.82 -0.41 0.00	18.25 -0.25 0.00
SOUTH CAIRO___GT 23612	19.57 0.84 0.00	18.52 0.83 0.00	15.83 0.76 0.00	12.63 0.61 0.00	10.68 0.51 0.00	11.88 0.60 0.00	17.06 0.84 0.00	19.59 0.93 0.00	20.75 1.04 0.00	21.36 1.14 0.00	25.40 1.27 0.00	29.77 1.43 0.00	29.86 1.48 0.00	25.02 1.28 0.00	24.43 1.32 0.00	24.51 1.37 0.00	25.90 1.53 0.00	25.74 1.65 0.00	26.64 1.60 0.00	26.44 1.54 0.00	25.26 1.32 0.00	28.12 1.32 0.00	22.07 0.84 0.00	19.15 0.64 0.00
SOUTH HAMPTN___IC 23720	20.44 1.71 0.00	19.26 1.57 0.00	16.37 1.30 0.00	13.05 1.03 0.00	11.04 0.87 0.00	12.26 0.98 0.00	17.70 1.48 0.00	20.35 1.68 0.00	21.58 1.87 0.00	22.18 1.95 0.00	37.00 2.14 -10.73	30.55 2.22 0.00	30.60 2.23 0.00	25.62 1.88 0.00	25.08 1.96 0.00	25.12 1.98 0.00	26.95 2.57 0.00	26.53 2.44 0.00	27.63 2.59 0.00	27.67 2.76 0.00	26.23 2.29 0.00	29.13 2.32 0.00	24.10 1.86 -1.02	20.03 1.53 0.00
SOUTHDOW_115KV_TB1 355954	18.15 -0.58 0.00	16.98 -0.71 0.00	14.51 -0.56 0.00	11.54 -0.48 0.00	9.74 -0.42 0.00	10.82 -0.46 0.00	15.94 -0.28 0.00	18.17 -0.49 0.00	19.43 -0.27 0.00	19.71 -0.52 0.00	23.35 -0.78 0.00	27.38 -0.96 0.00	27.38 -0.99 0.00	22.84 -0.90 0.00	22.40 -0.72 0.00	22.63 -0.51 0.00	23.70 -0.68 0.00	23.58 -0.51 0.00	24.71 -0.34 0.00	24.89 -0.02 0.00	24.17 0.24 0.00	27.29 0.49 0.00	21.60 0.37 0.00	19.02 0.52 0.00
SOUTHOLD_69_KV_BK 2 55809	20.68 1.95 0.00	19.47 1.79 0.00	16.54 1.47 0.00	13.18 1.16 0.00	11.16 0.99 0.00	12.39 1.11 0.00	17.90 1.68 0.00	20.58 1.92 0.00	21.85 2.15 0.00	22.49 2.26 0.00	37.43 2.56 -10.73	31.05 2.72 0.00	31.09 2.72 0.00	26.01 2.27 0.00	25.47 2.35 0.00	25.52 2.38 0.00	27.39 3.02 0.00	26.98 2.89 0.00	28.04 3.00 0.00	28.05 3.14 0.00	26.59 2.65 0.00	29.51 2.71 0.00	24.39 2.15 -1.02	20.26 1.76 0.00
SOUTHOLD___IC 23719	20.68 1.95 0.00	19.47 1.78 0.00	16.54 1.47 0.00	13.18 1.16 0.00	11.16 0.99 0.00	12.39 1.11 0.00	17.90 1.68 0.00	20.58 1.92 0.00	21.85 2.15 0.00	22.48 2.26 0.00	37.42 2.55 -10.73	31.05 2.72 0.00	31.09 2.72 0.00	26.01 2.27 0.00	25.47 2.35 0.00	25.52 2.38 0.00	27.39 3.01 0.00	26.98 2.89 0.00	28.04 2.99 0.00	28.05 3.14 0.00	26.58 2.65 0.00	29.51 2.71 0.00	24.39 2.15 -1.02	20.26 1.76 0.00
SOUTH_FORK_WT_PWR 323839	20.69 1.95 0.00	19.48 1.79 0.00	16.54 1.47 0.00	13.18 1.16 0.00	11.16 0.99 0.00	12.39 1.11 0.00	17.90 1.68 0.00	20.58 1.91 0.00	21.85 2.14 0.00	22.49 2.26 0.00	37.43 2.56 -10.73	31.08 2.74 0.00	31.11 2.74 0.00	26.03 2.29 0.00	25.48 2.37 0.00	25.54 2.40 0.00	27.42 3.04 0.00	27.00 2.91 0.00	28.02 2.98 0.00	28.04 3.14 0.00	26.58 2.64 0.00	29.51 2.70 0.00	24.40 2.15 -1.02	20.28 1.77 0.00
SPIERFLS_115KV_TB 1 80737	19.65 0.92 0.00	18.57 0.89 0.00	15.77 0.70 0.00	12.60 0.57 0.00	10.58 0.41 0.00	11.77 0.49 0.00	16.94 0.72 0.00	19.49 0.82 0.00	20.53 0.83 0.00	21.06 0.84 0.00	25.08 0.94 0.00	29.41 1.07 0.00	29.41 1.04 0.00	24.68 0.94 0.00	24.12 1.01 0.00	24.23 1.09 0.00	25.57 1.19 0.00	25.47 1.37 0.00	26.39 1.34 0.00	26.11 1.20 0.00	24.96 1.02 0.00	28.03 1.22 0.00	22.08 0.85 0.00	19.16 0.65 0.00
ST LAWRENCE____ 23600	18.67 -0.06 0.00	17.60 -0.09 0.00	14.97 -0.11 0.00	11.93 -0.09 0.00	10.08 -0.09 0.00	11.16 -0.12 0.00	16.05 -0.17 0.00	18.53 -0.13 0.00	19.62 -0.09 0.00	20.17 -0.05 0.00	24.14 0.01 0.00	28.35 0.01 0.00	28.41 0.04 0.00	23.73 -0.01 0.00	23.00 -0.11 0.00	22.90 -0.24 0.00	24.13 -0.25 0.00	23.70 -0.39 0.00	24.73 -0.31 0.00	24.60 -0.30 0.00	23.71 -0.22 0.00	26.65 -0.15 0.00	21.20 -0.03 0.00	18.55 0.04 0.00
STATE_CA_115KV_115_LB 55624	19.01 0.28 0.00	18.02 0.33 0.00	15.41 0.34 0.00	12.29 0.27 0.00	10.39 0.23 0.00	11.55 0.27 0.00	16.57 0.35 0.00	18.98 0.32 0.00	20.02 0.31 0.00	20.58 0.35 0.00	24.48 0.35 0.00	28.71 0.37 0.00	28.74 0.37 0.00	24.12 0.38 0.00	23.57 0.45 0.00	23.61 0.47 0.00	24.89 0.51 0.00	24.73 0.64 0.00	25.64 0.59 0.00	25.46 0.56 0.00	24.39 0.45 0.00	27.21 0.40 0.00	21.42 0.19 0.00	18.60 0.10 0.00
STATE_ST_34_KV_LOAD 55959	18.78 0.05 0.00	17.69 0.01 0.00	15.03 -0.04 0.00	11.98 -0.04 0.00	10.19 0.02 0.00	11.31 0.03 0.00	16.30 0.08 0.00	18.74 0.08 0.00	19.91 0.20 0.00	20.33 0.11 0.00	24.36 0.23 0.00	28.47 0.13 0.00	28.64 0.27 0.00	23.93 0.19 0.00	23.29 0.17 0.00	23.44 0.30 0.00	24.77 0.39 0.00	24.38 0.29 0.00	25.38 0.33 0.00	25.30 0.39 0.00	24.20 0.27 0.00	27.20 0.39 0.00	21.51 0.28 0.00	18.81 0.31 0.00
STATION 5_MISC_HYD 23604	18.03 -0.70 0.00	16.92 -0.77 0.00	14.41 -0.66 0.00	11.47 -0.55 0.00	9.70 -0.46 0.00	10.76 -0.52 0.00	15.68 -0.55 0.00	17.97 -0.69 0.00	19.11 -0.60 0.00	19.52 -0.71 0.00	23.23 -0.90 0.00	27.22 -1.11 0.00	27.29 -1.08 0.00	22.75 -0.99 0.00	22.15 -0.97 0.00	22.39 -0.75 0.00	23.53 -0.85 0.00	23.22 -0.87 0.00	24.05 -1.00 0.00	23.98 -0.93 0.00	23.15 -0.79 0.00	26.02 -0.79 0.00	20.68 -0.54 0.00	18.20 -0.31 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	18.34 -0.39 0.00	17.23 -0.46 0.00	14.66 -0.41 0.00	11.68 -0.34 0.00	9.88 -0.28 0.00	10.97 -0.31 0.00	15.95 -0.27 0.00	18.32 -0.34 0.00	19.46 -0.25 0.00	19.91 -0.32 0.00	23.73 -0.41 0.00	27.82 -0.52 0.00	27.89 -0.48 0.00	23.26 -0.48 0.00	22.65 -0.47 0.00	22.85 -0.29 0.00	24.07 -0.31 0.00	23.75 -0.34 0.00	24.66 -0.39 0.00	24.58 -0.33 0.00	23.66 -0.27 0.00	26.54 -0.26 0.00	21.04 -0.19 0.00	18.45 -0.05 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	17.97 -0.76 0.00	16.87 -0.82 0.00	14.37 -0.70 0.00	11.44 -0.58 0.00	9.67 -0.49 0.00	10.73 -0.55 0.00	15.62 -0.60 0.00	17.92 -0.74 0.00	19.05 -0.66 0.00	19.46 -0.76 0.00	23.17 -0.96 0.00	27.17 -1.17 0.00	27.24 -1.14 0.00	22.71 -1.03 0.00	22.11 -1.01 0.00	22.33 -0.81 0.00	23.48 -0.89 0.00	23.17 -0.92 0.00	24.00 -1.05 0.00	23.92 -0.98 0.00	23.08 -0.86 0.00	25.93 -0.87 0.00	20.61 -0.62 0.00	18.11 -0.39 0.00

STA_56___34_KV_BUS2 355983	17.97 -0.76 0.00	16.87 -0.82 0.00	14.37 -0.70 0.00	11.44 -0.58 0.00	9.67 -0.49 0.00	10.73 -0.55 0.00	15.62 -0.60 0.00	17.92 -0.74 0.00	19.05 -0.66 0.00	19.46 -0.76 0.00	23.17 -0.96 0.00	27.17 -1.17 0.00	27.24 -1.14 0.00	22.71 -1.03 0.00	22.11 -1.01 0.00	22.33 -0.81 0.00	23.48 -0.89 0.00	23.17 -0.92 0.00	24.00 -1.05 0.00	23.92 -0.98 0.00	23.08 -0.86 0.00	25.93 -0.87 0.00	20.61 -0.62 0.00	18.11 -0.39 0.00
STA_67___115KV_BK2 355882	18.00 -0.73 0.00	16.89 -0.80 0.00	14.38 -0.69 0.00	11.45 -0.57 0.00	9.68 -0.48 0.00	10.74 -0.54 0.00	15.64 -0.57 0.00	17.94 -0.72 0.00	19.07 -0.64 0.00	19.48 -0.75 0.00	23.18 -0.96 0.00	27.16 -1.17 0.00	27.23 -1.14 0.00	22.70 -1.04 0.00	22.10 -1.02 0.00	22.34 -0.80 0.00	23.48 -0.90 0.00	23.17 -0.92 0.00	23.98 -1.06 0.00	23.92 -0.99 0.00	23.09 -0.85 0.00	25.96 -0.85 0.00	20.64 -0.58 0.00	18.16 -0.34 0.00
STA_7___115KV_9TRANS 80674	18.11 -0.62 0.00	16.98 -0.70 0.00	14.47 -0.61 0.00	11.52 -0.51 0.00	9.74 -0.43 0.00	10.80 -0.48 0.00	15.74 -0.48 0.00	18.05 -0.61 0.00	19.19 -0.52 0.00	19.61 -0.62 0.00	23.33 -0.80 0.00	27.36 -0.98 0.00	27.43 -0.94 0.00	22.87 -0.87 0.00	22.26 -0.85 0.00	22.51 -0.63 0.00	23.67 -0.71 0.00	23.36 -0.73 0.00	24.19 -0.85 0.00	24.13 -0.78 0.00	23.27 -0.66 0.00	26.15 -0.65 0.00	20.79 -0.44 0.00	18.27 -0.23 0.00
STA_82___115KV_TB1 80780	18.00 -0.73 0.00	16.90 -0.79 0.00	14.39 -0.68 0.00	11.46 -0.56 0.00	9.69 -0.48 0.00	10.74 -0.53 0.00	15.65 -0.57 0.00	17.95 -0.71 0.00	19.08 -0.62 0.00	19.49 -0.74 0.00	23.19 -0.95 0.00	27.18 -1.16 0.00	27.26 -1.12 0.00	22.71 -1.03 0.00	22.11 -1.00 0.00	22.35 -0.79 0.00	23.49 -0.89 0.00	23.18 -0.91 0.00	24.00 -1.04 0.00	23.94 -0.97 0.00	23.10 -0.83 0.00	25.97 -0.83 0.00	20.66 -0.57 0.00	18.17 -0.33 0.00
STEEL___WIND 323596	17.76 -0.97 0.00	16.62 -1.07 0.00	14.15 -0.92 0.00	11.24 -0.78 0.00	9.51 -0.66 0.00	10.53 -0.75 0.00	15.44 -0.78 0.00	17.66 -1.00 0.00	18.84 -0.87 0.00	19.15 -1.08 0.00	22.75 -1.38 0.00	26.62 -1.72 0.00	26.72 -1.66 0.00	22.25 -1.49 0.00	21.69 -1.43 0.00	22.03 -1.12 0.00	23.07 -1.31 0.00	22.79 -1.31 0.00	23.64 -1.41 0.00	23.67 -1.24 0.00	22.96 -0.98 0.00	25.91 -0.90 0.00	20.64 -0.59 0.00	18.26 -0.24 0.00
STEPHTWN_115KV_BK_2 55603	19.16 0.43 0.00	18.14 0.45 0.00	15.50 0.43 0.00	12.36 0.34 0.00	10.46 0.29 0.00	11.62 0.34 0.00	16.72 0.50 0.00	19.19 0.53 0.00	20.22 0.52 0.00	20.76 0.54 0.00	24.71 0.57 0.00	28.99 0.65 0.00	29.02 0.64 0.00	24.32 0.58 0.00	23.77 0.66 0.00	23.83 0.68 0.00	25.14 0.76 0.00	24.97 0.88 0.00	25.90 0.85 0.00	25.73 0.83 0.00	24.58 0.65 0.00	27.42 0.61 0.00	21.55 0.33 0.00	18.71 0.20 0.00
STEUBEN_REC_LFGE 323667	17.30 -1.43 0.00	16.15 -1.54 0.00	13.70 -1.37 0.00	10.86 -1.16 0.00	9.17 -1.00 0.00	10.20 -1.08 0.00	14.95 -1.27 0.00	17.17 -1.49 0.00	18.34 -1.37 0.00	18.85 -1.38 0.00	22.45 -1.68 0.00	26.42 -1.92 0.00	26.40 -1.97 0.00	21.88 -1.87 0.00	21.29 -1.82 0.00	21.47 -1.67 0.00	22.68 -1.70 0.00	22.68 -1.41 0.00	23.80 -1.24 0.00	23.92 -0.99 0.00	23.34 -0.59 0.00	26.38 -0.42 0.00	20.86 -0.37 0.00	18.47 -0.03 0.00
STILLWATER___SOLAR 323814	19.51 0.78 0.00	18.45 0.76 0.00	15.70 0.63 0.00	12.54 0.51 0.00	10.58 0.41 0.00	11.76 0.48 0.00	16.91 0.69 0.00	19.46 0.80 0.00	20.53 0.82 0.00	21.06 0.83 0.00	25.08 0.94 0.00	29.41 1.07 0.00	29.44 1.06 0.00	24.69 0.95 0.00	24.12 1.01 0.00	24.20 1.06 0.00	25.52 1.14 0.00	25.37 1.28 0.00	26.29 1.24 0.00	26.08 1.18 0.00	24.95 1.02 0.00	27.89 1.09 0.00	21.96 0.73 0.00	19.04 0.54 0.00
STONY___BROOK 24151	20.21 1.48 0.00	19.07 1.38 0.00	16.20 1.13 0.00	12.92 0.90 0.00	10.93 0.76 0.00	12.13 0.85 0.00	17.51 1.29 0.00	20.13 1.47 0.00	21.32 1.61 0.00	21.93 1.71 0.00	36.80 1.94 -10.73	30.49 2.16 0.00	30.52 2.15 0.00	25.60 1.86 0.00	25.04 1.92 0.00	25.06 1.92 0.00	26.67 2.29 0.00	26.38 2.29 0.00	27.46 2.41 0.00	27.38 2.47 0.00	26.11 2.18 0.00	29.03 2.23 0.00	23.93 1.69 -1.02	19.82 1.32 0.00
STURGEON_POOL_HYD 23609	19.63 0.90 0.00	18.55 0.86 0.00	15.79 0.72 0.00	12.60 0.57 0.00	10.66 0.49 0.00	11.83 0.55 0.00	17.00 0.78 0.00	19.59 0.92 0.00	20.66 0.95 0.00	21.19 0.97 0.00	25.27 1.13 0.00	29.64 1.30 0.00	29.65 1.28 0.00	24.91 1.17 0.00	24.38 1.26 0.00	24.46 1.32 0.00	25.80 1.42 0.00	25.63 1.53 0.00	26.61 1.56 0.00	26.43 1.52 0.00	25.35 1.42 0.00	28.26 1.46 0.00	22.22 0.99 0.00	19.21 0.71 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	19.55 0.83 0.00	18.46 0.78 0.00	15.72 0.64 0.00	12.55 0.52 0.00	10.62 0.45 0.00	11.79 0.51 0.00	16.95 0.73 0.00	19.51 0.85 0.00	20.58 0.87 0.00	21.11 0.88 0.00	25.15 1.01 0.00	29.49 1.16 0.00	29.50 1.13 0.00	24.78 1.04 0.00	24.26 1.15 0.00	24.34 1.20 0.00	25.68 1.30 0.00	25.50 1.41 0.00	26.49 1.44 0.00	26.32 1.41 0.00	25.25 1.32 0.00	28.15 1.35 0.00	22.12 0.89 0.00	19.14 0.63 0.00
SWANROAD_115KV_TB1 355699	17.29 -1.44 0.00	16.17 -1.51 0.00	13.78 -1.30 0.00	10.95 -1.07 0.00	9.26 -0.91 0.00	10.25 -1.03 0.00	15.04 -1.18 0.00	17.15 -1.51 0.00	18.28 -1.42 0.00	18.49 -1.74 0.00	21.94 -2.19 0.00	25.66 -2.67 0.00	25.81 -2.56 0.00	21.51 -2.23 0.00	20.94 -2.17 0.00	21.29 -1.85 0.00	22.27 -2.11 0.00	21.93 -2.16 0.00	22.68 -2.36 0.00	22.69 -2.22 0.00	22.01 -1.93 0.00	24.87 -1.93 0.00	19.85 -1.37 0.00	17.62 -0.88 0.00
SYNERGY___BIOGAS 323694	18.04 -0.69 0.00	16.88 -0.80 0.00	14.38 -0.69 0.00	11.43 -0.59 0.00	9.67 -0.50 0.00	10.71 -0.56 0.00	15.71 -0.51 0.00	17.97 -0.69 0.00	19.16 -0.54 0.00	19.49 -0.74 0.00	23.16 -0.97 0.00	27.10 -1.23 0.00	27.22 -1.15 0.00	22.68 -1.06 0.00	22.10 -1.02 0.00	22.44 -0.70 0.00	23.55 -0.83 0.00	23.22 -0.87 0.00	24.03 -1.01 0.00	23.99 -0.92 0.00	23.23 -0.71 0.00	26.14 -0.66 0.00	20.79 -0.44 0.00	18.36 -0.15 0.00
SYRACUSE___ENERGY_ST1 323597	18.66 -0.07 0.00	17.59 -0.10 0.00	14.97 -0.10 0.00	11.94 -0.08 0.00	10.11 -0.05 0.00	11.22 -0.06 0.00	16.20 -0.02 0.00	18.63 -0.03 0.00	19.71 0.00 0.00	20.19 -0.03 0.00	24.12 -0.01 0.00	28.29 -0.04 0.00	28.36 -0.01 0.00	23.70 -0.04 0.00	23.07 -0.05 0.00	23.18 0.04 0.00	24.47 0.09 0.00	24.17 0.07 0.00	25.09 0.04 0.00	24.98 0.07 0.00	23.97 0.03 0.00	26.86 0.05 0.00	21.29 0.07 0.00	18.60 0.10 0.00
SYRACUSE___ENERGY_ST2 323598	18.66 -0.07 0.00	17.59 -0.10 0.00	14.97 -0.10 0.00	11.94 -0.08 0.00	10.11 -0.05 0.00	11.22 -0.06 0.00	16.20 -0.02 0.00	18.63 -0.03 0.00	19.71 0.00 0.00	20.19 -0.03 0.00	24.12 -0.01 0.00	28.29 -0.04 0.00	28.36 -0.01 0.00	23.70 -0.04 0.00	23.07 -0.05 0.00	23.18 0.04 0.00	24.47 0.09 0.00	24.17 0.07 0.00	25.09 0.04 0.00	24.98 0.07 0.00	23.97 0.03 0.00	26.86 0.05 0.00	21.29 0.07 0.00	18.60 0.10 0.00

SYRACUSE___POWER 24017	18.57 -0.16 0.00	17.51 -0.18 0.00	14.91 -0.16 0.00	11.89 -0.13 0.00	10.06 -0.10 0.00	11.17 -0.11 0.00	16.11 -0.11 0.00	18.54 -0.13 0.00	19.57 -0.13 0.00	20.07 -0.16 0.00	23.96 -0.18 0.00	28.12 -0.21 0.00	28.16 -0.21 0.00	23.54 -0.20 0.00	22.91 -0.20 0.00	23.02 -0.12 0.00	24.28 -0.10 0.00	24.01 -0.08 0.00	24.90 -0.14 0.00	24.79 -0.12 0.00	23.81 -0.12 0.00	26.66 -0.15 0.00	21.13 -0.10 0.00	18.45 -0.05 0.00
TALLMAN___138KV_BK151 55660	19.65 0.92 0.00	18.55 0.86 0.00	15.79 0.71 0.00	12.60 0.57 0.00	10.66 0.50 0.00	11.84 0.57 0.00	17.03 0.81 0.00	19.60 0.93 0.00	20.68 0.97 0.00	21.20 0.97 0.00	25.25 1.11 0.00	29.61 1.28 0.00	29.62 1.24 0.00	24.87 1.13 0.00	24.37 1.25 0.00	24.45 1.31 0.00	25.80 1.42 0.00	25.63 1.54 0.00	26.63 1.58 0.00	26.46 1.56 0.00	25.39 1.46 0.00	28.31 1.51 0.00	22.23 1.00 0.00	19.22 0.71 0.00
TEALLAVE_115KV_TB7 355573	18.45 -0.28 0.00	17.40 -0.29 0.00	14.82 -0.25 0.00	11.82 -0.20 0.00	10.00 -0.16 0.00	11.10 -0.18 0.00	16.01 -0.21 0.00	18.41 -0.26 0.00	19.43 -0.27 0.00	19.92 -0.30 0.00	23.78 -0.35 0.00	27.93 -0.41 0.00	27.96 -0.41 0.00	23.36 -0.38 0.00	22.73 -0.38 0.00	22.84 -0.30 0.00	24.08 -0.29 0.00	23.81 -0.27 0.00	24.69 -0.35 0.00	24.58 -0.33 0.00	23.61 -0.33 0.00	26.44 -0.36 0.00	20.98 -0.25 0.00	18.33 -0.17 0.00
TELGRAPH_34_KV_EAST 80808	17.74 -0.99 0.00	16.60 -1.09 0.00	14.14 -0.93 0.00	11.24 -0.78 0.00	9.50 -0.66 0.00	10.53 -0.75 0.00	15.44 -0.78 0.00	17.64 -1.02 0.00	18.81 -0.89 0.00	19.09 -1.13 0.00	22.67 -1.46 0.00	26.53 -1.80 0.00	26.66 -1.71 0.00	22.22 -1.53 0.00	21.64 -1.48 0.00	21.98 -1.16 0.00	23.03 -1.35 0.00	22.70 -1.39 0.00	23.48 -1.57 0.00	23.46 -1.44 0.00	22.73 -1.20 0.00	25.64 -1.17 0.00	20.43 -0.80 0.00	18.08 -0.43 0.00
TEMPLE___115KV_TB 2 55572	18.46 -0.27 0.00	17.41 -0.28 0.00	14.83 -0.24 0.00	11.83 -0.19 0.00	10.01 -0.16 0.00	11.10 -0.17 0.00	16.02 -0.20 0.00	18.41 -0.25 0.00	19.44 -0.26 0.00	19.94 -0.29 0.00	23.79 -0.35 0.00	27.94 -0.39 0.00	27.97 -0.40 0.00	23.37 -0.37 0.00	22.75 -0.37 0.00	22.85 -0.29 0.00	24.09 -0.28 0.00	23.83 -0.27 0.00	24.70 -0.34 0.00	24.59 -0.32 0.00	23.62 -0.31 0.00	26.45 -0.36 0.00	20.99 -0.24 0.00	18.34 -0.17 0.00
TIANA____69_KV_BK 1 55817	20.40 1.67 0.00	19.22 1.54 0.00	16.33 1.26 0.00	13.02 1.00 0.00	11.01 0.85 0.00	12.23 0.95 0.00	17.67 1.45 0.00	20.30 1.64 0.00	21.53 1.82 0.00	22.13 1.91 0.00	36.96 2.09 -10.73	30.49 2.15 0.00	30.52 2.14 0.00	25.56 1.82 0.00	25.01 1.90 0.00	25.05 1.91 0.00	26.87 2.50 0.00	26.47 2.38 0.00	27.58 2.53 0.00	27.61 2.70 0.00	26.18 2.25 0.00	29.07 2.26 0.00	24.05 1.81 -1.02	19.99 1.49 0.00
TILDEN___115KV_TB1 80814	18.57 -0.16 0.00	17.51 -0.18 0.00	14.91 -0.16 0.00	11.89 -0.13 0.00	10.06 -0.10 0.00	11.17 -0.11 0.00	16.11 -0.11 0.00	18.54 -0.13 0.00	19.57 -0.13 0.00	20.07 -0.16 0.00	23.96 -0.18 0.00	28.12 -0.21 0.00	28.16 -0.21 0.00	23.54 -0.20 0.00	22.91 -0.20 0.00	23.02 -0.12 0.00	24.28 -0.10 0.00	24.01 -0.08 0.00	24.90 -0.14 0.00	24.79 -0.12 0.00	23.81 -0.12 0.00	26.66 -0.15 0.00	21.13 -0.10 0.00	18.45 -0.05 0.00
TRIGEN___CC 323695	19.98 1.26 0.00	18.87 1.18 0.00	16.04 0.97 0.00	12.80 0.78 0.00	10.83 0.66 0.00	12.03 0.75 0.00	17.33 1.11 0.00	19.92 1.25 0.00	21.05 1.35 0.00	21.63 1.41 0.00	36.54 1.67 -10.73	30.20 1.86 0.00	30.23 1.86 0.00	25.38 1.64 0.00	24.84 1.72 0.00	24.88 1.74 0.00	26.30 1.92 0.00	26.10 2.01 0.00	27.13 2.09 0.00	26.98 2.07 0.00	25.86 1.93 0.00	28.78 1.97 0.00	23.66 1.42 -1.02	19.56 1.06 0.00
TRINITY___115KV___4 BK 55933	18.95 0.22 0.00	17.97 0.28 0.00	15.36 0.29 0.00	12.26 0.24 0.00	10.37 0.20 0.00	11.52 0.24 0.00	16.52 0.30 0.00	18.93 0.26 0.00	19.95 0.24 0.00	20.50 0.28 0.00	24.38 0.24 0.00	28.59 0.26 0.00	28.63 0.26 0.00	24.03 0.28 0.00	23.47 0.36 0.00	23.51 0.37 0.00	24.78 0.40 0.00	24.62 0.53 0.00	25.53 0.48 0.00	25.36 0.45 0.00	24.28 0.34 0.00	27.09 0.29 0.00	21.33 0.11 0.00	18.53 0.02 0.00
UNION___PROCESSING_DRP 323587	18.01 -0.72 0.00	16.90 -0.79 0.00	14.40 -0.68 0.00	11.46 -0.56 0.00	9.69 -0.47 0.00	10.75 -0.53 0.00	15.66 -0.56 0.00	17.96 -0.71 0.00	19.09 -0.62 0.00	19.50 -0.73 0.00	23.20 -0.94 0.00	27.19 -1.14 0.00	27.26 -1.11 0.00	22.73 -1.02 0.00	22.12 -0.99 0.00	22.36 -0.78 0.00	23.50 -0.88 0.00	23.19 -0.90 0.00	24.01 -1.03 0.00	23.95 -0.96 0.00	23.11 -0.82 0.00	25.98 -0.82 0.00	20.67 -0.56 0.00	18.18 -0.32 0.00
UPPER HUDSON___HYD 24058	19.65 0.92 0.00	18.57 0.88 0.00	15.77 0.70 0.00	12.60 0.57 0.00	10.58 0.41 0.00	11.77 0.49 0.00	16.94 0.72 0.00	19.49 0.82 0.00	20.53 0.83 0.00	21.06 0.84 0.00	25.07 0.94 0.00	29.41 1.07 0.00	29.41 1.04 0.00	24.67 0.93 0.00	24.12 1.01 0.00	24.23 1.09 0.00	25.57 1.19 0.00	25.47 1.38 0.00	26.39 1.34 0.00	26.11 1.20 0.00	24.95 1.02 0.00	28.03 1.22 0.00	22.08 0.85 0.00	19.16 0.65 0.00
UPPER RAQUET___HYD 24056	18.60 -0.12 0.00	17.53 -0.16 0.00	14.87 -0.20 0.00	11.85 -0.17 0.00	12.71 -0.17 -2.71	14.13 -0.33 -3.17	18.96 -0.54 -3.28	18.18 -0.48 0.00	19.28 -0.42 0.00	19.85 -0.37 0.00	23.81 -0.32 0.00	28.08 -0.25 0.00	28.16 -0.21 0.00	23.51 -0.22 0.00	22.78 -0.33 0.00	22.54 -0.60 0.00	30.12 -0.65 -6.40	30.08 -0.88 -6.87	31.33 -0.74 -7.02	27.68 -0.72 -3.50	27.88 -0.64 -4.58	28.10 -0.59 -1.89	20.98 -0.25 0.00	19.00 -0.50 0.00
VALLEY44_115KV_TB2 355964	18.49 -0.24 0.00	17.33 -0.36 0.00	14.75 -0.33 0.00	11.75 -0.27 0.00	9.94 -0.22 0.00	11.04 -0.24 0.00	16.16 -0.06 0.00	18.54 -0.12 0.00	19.75 0.04 0.00	20.08 -0.14 0.00	23.80 -0.34 0.00	27.82 -0.51 0.00	27.70 -0.67 0.00	23.03 -0.71 0.00	22.51 -0.61 0.00	22.76 -0.38 0.00	23.87 -0.51 0.00	23.71 -0.39 0.00	24.60 -0.44 0.00	24.63 -0.28 0.00	23.86 -0.07 0.00	26.95 0.14 0.00	21.39 0.16 0.00	18.82 0.32 0.00
VALLEY___115KV_TB 1-4 80826	18.53 -0.20 0.00	17.55 -0.14 0.00	14.97 -0.10 0.00	11.94 -0.08 0.00	10.10 -0.07 0.00	11.23 -0.05 0.00	16.10 -0.12 0.00	18.50 -0.17 0.00	19.49 -0.21 0.00	20.03 -0.19 0.00	23.87 -0.27 0.00	28.13 -0.21 0.00	28.14 -0.23 0.00	23.60 -0.14 0.00	23.05 -0.07 0.00	23.09 -0.04 0.00	24.33 -0.04 0.00	24.20 0.11 0.00	25.12 0.07 0.00	24.92 0.01 0.00	23.87 -0.07 0.00	26.60 -0.21 0.00	20.91 -0.31 0.00	18.23 -0.27 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	19.39 0.66 0.00	18.31 0.62 0.00	15.61 0.54 0.00	12.45 0.43 0.00	10.54 0.37 0.00	11.69 0.42 0.00	16.81 0.59 0.00	19.38 0.71 0.00	20.49 0.78 0.00	21.03 0.80 0.00	25.07 0.94 0.00	29.40 1.06 0.00	29.38 1.01 0.00	24.60 0.86 0.00	24.02 0.91 0.00	24.11 0.97 0.00	25.44 1.06 0.00	25.18 1.09 0.00	26.15 1.10 0.00	26.00 1.09 0.00	24.95 1.02 0.00	27.88 1.07 0.00	21.99 0.76 0.00	19.12 0.62 0.00

VISCHER___FERRY HYD 24020	19.25 0.52 0.00	18.23 0.54 0.00	15.53 0.46 0.00	12.40 0.38 0.00	10.48 0.31 0.00	11.65 0.37 0.00	16.73 0.51 0.00	19.23 0.57 0.00	20.26 0.56 0.00	20.79 0.57 0.00	24.76 0.62 0.00	29.03 0.69 0.00	29.06 0.68 0.00	24.39 0.65 0.00	23.82 0.70 0.00	23.86 0.72 0.00	25.14 0.76 0.00	25.01 0.92 0.00	25.91 0.87 0.00	25.74 0.84 0.00	24.63 0.70 0.00	27.49 0.68 0.00	21.63 0.40 0.00	18.75 0.25 0.00
V_A_10_SYNC_DSASP 323832	17.51 -1.22 0.00	16.41 -1.28 0.00	13.98 -1.09 0.00	11.12 -0.90 0.00	9.40 -0.76 0.00	10.42 -0.86 0.00	15.24 -0.98 0.00	17.43 -1.23 0.00	18.57 -1.14 0.00	18.90 -1.32 0.00	22.45 -1.68 0.00	26.26 -2.07 0.00	26.34 -2.03 0.00	21.93 -1.81 0.00	21.36 -1.75 0.00	21.65 -1.49 0.00	22.68 -1.69 0.00	22.37 -1.72 0.00	23.15 -1.90 0.00	23.13 -1.78 0.00	22.40 -1.53 0.00	25.27 -1.54 0.00	20.14 -1.09 0.00	17.81 -0.70 0.00
V_CMM_10_SYNC_DSASP 323787	18.75 0.02 0.00	17.68 -0.01 0.00	15.04 -0.04 0.00	11.99 -0.04 0.00	10.13 -0.04 0.00	11.21 -0.07 0.00	16.13 -0.09 0.00	18.62 -0.05 0.00	19.71 0.00 0.00	20.27 0.04 0.00	24.26 0.12 0.00	28.48 0.15 0.00	28.55 0.18 0.00	23.84 0.10 0.00	23.11 0.00 0.00	23.04 -0.10 0.00	24.25 -0.13 0.00	23.82 -0.27 0.00	24.84 -0.20 0.00	24.73 -0.18 0.00	23.83 -0.11 0.00	26.78 -0.03 0.00	21.30 0.07 0.00	18.64 0.13 0.00
V_CMP_10_SYNC_DSASP 323788	18.78 0.05 0.00	17.83 0.14 0.00	14.94 -0.13 0.00	11.85 -0.17 0.00	-7.65 -0.26 17.56	-9.64 -0.38 20.54	-5.62 -0.60 21.24	18.29 -0.37 0.00	19.37 -0.33 0.00	20.01 -0.21 0.00	24.33 0.19 0.00	28.68 0.34 0.00	28.93 0.56 0.00	24.18 0.44 0.00	23.11 -0.01 0.00	22.97 -0.17 0.00	-17.83 -0.82 41.40	-21.26 -0.91 44.44	-21.21 -0.81 45.44	1.47 -0.81 22.63	-6.45 -0.73 29.66	13.98 -0.63 12.20	20.86 -0.36 0.00	14.86 -0.40 3.25
V_D_10_SYNC_DSASP 323841	18.89 0.16 0.00	17.80 0.12 0.00	15.13 0.06 0.00	12.06 0.04 0.00	10.66 0.02 -0.47	11.81 -0.01 -0.55	16.77 -0.02 -0.57	18.71 0.05 0.00	19.81 0.11 0.00	20.38 0.16 0.00	24.39 0.26 0.00	28.66 0.32 0.00	28.73 0.36 0.00	23.99 0.25 0.00	23.26 0.14 0.00	22.98 -0.16 0.00	25.47 -0.01 -1.11	25.07 -0.21 -1.19	26.20 -0.06 -1.22	25.46 -0.05 -0.61	24.75 0.01 -0.79	27.26 0.13 -0.33	21.44 0.21 0.00	18.87 0.28 -0.09
V_E_10_SYNC_DSASP 323830	19.30 0.57 0.00	18.28 0.60 0.00	15.51 0.43 0.00	12.35 0.32 0.00	10.42 0.26 0.00	11.56 0.28 0.00	16.73 0.51 0.00	19.34 0.68 0.00	20.52 0.82 0.00	21.05 0.82 0.00	25.20 1.06 0.00	29.46 1.12 0.00	29.32 0.95 0.00	24.59 0.85 0.00	24.01 0.89 0.00	24.31 1.17 0.00	25.88 1.50 0.00	25.69 1.60 0.00	26.72 1.68 0.00	26.56 1.66 0.00	25.46 1.52 0.00	28.48 1.68 0.00	22.40 1.17 0.00	19.71 1.21 0.00
V_F_30_NSYNC___DSASP 323816	19.53 0.80 0.00	18.47 0.78 0.00	15.72 0.64 0.00	12.55 0.53 0.00	10.59 0.42 0.00	11.78 0.50 0.00	16.93 0.71 0.00	19.49 0.82 0.00	20.56 0.85 0.00	21.08 0.86 0.00	25.11 0.98 0.00	29.46 1.12 0.00	29.48 1.11 0.00	24.73 0.99 0.00	24.16 1.04 0.00	24.23 1.09 0.00	25.55 1.17 0.00	25.40 1.31 0.00	26.33 1.29 0.00	26.12 1.21 0.00	24.99 1.06 0.00	27.93 1.12 0.00	21.99 0.76 0.00	19.07 0.57 0.00
V_F_30_SYNC_DSASP 323786	19.01 0.28 0.00	18.02 0.33 0.00	15.41 0.33 0.00	12.29 0.27 0.00	10.39 0.23 0.00	11.55 0.27 0.00	16.57 0.35 0.00	18.98 0.32 0.00	20.02 0.31 0.00	20.58 0.35 0.00	24.48 0.35 0.00	28.71 0.37 0.00	28.74 0.37 0.00	24.12 0.38 0.00	23.57 0.45 0.00	23.61 0.47 0.00	24.89 0.51 0.00	24.73 0.64 0.00	25.64 0.59 0.00	25.46 0.56 0.00	24.38 0.45 0.00	27.20 0.40 0.00	21.41 0.19 0.00	18.60 0.10 0.00
V_XM_10_SYNC_DSASP 323789	18.78 0.05 0.00	17.83 0.14 0.00	14.94 -0.13 0.00	11.85 -0.17 0.00	-7.65 -0.26 17.56	-9.64 -0.38 20.54	-5.62 -0.60 21.24	18.29 -0.37 0.00	19.37 -0.33 0.00	20.01 -0.21 0.00	24.33 0.19 0.00	28.68 0.34 0.00	28.93 0.56 0.00	24.18 0.44 0.00	23.11 -0.01 0.00	22.97 -0.17 0.00	-17.83 -0.82 41.40	-21.26 -0.91 44.44	-21.21 -0.81 45.44	1.47 -0.81 22.63	-6.45 -0.73 29.66	13.98 -0.63 12.20	20.86 -0.36 0.00	14.86 -0.40 3.25
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	19.71 0.98 0.00	18.61 0.92 0.00	15.83 0.76 0.00	12.63 0.61 0.00	10.69 0.53 0.00	11.88 0.60 0.00	17.08 0.86 0.00	19.66 1.00 0.00	20.74 1.03 0.00	21.27 1.04 0.00	25.33 1.20 0.00	29.71 1.38 0.00	29.72 1.35 0.00	24.96 1.21 0.00	24.45 1.34 0.00	24.53 1.39 0.00	25.89 1.51 0.00	25.72 1.63 0.00	26.72 1.67 0.00	26.56 1.65 0.00	25.49 1.55 0.00	28.41 1.61 0.00	22.30 1.07 0.00	19.28 0.78 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	19.81 1.08 0.00	18.70 1.01 0.00	15.91 0.84 0.00	12.70 0.68 0.00	10.75 0.58 0.00	11.93 0.66 0.00	17.16 0.94 0.00	19.74 1.08 0.00	20.83 1.12 0.00	21.37 1.14 0.00	25.46 1.32 0.00	29.85 1.52 0.00	29.89 1.52 0.00	25.09 1.35 0.00	24.58 1.47 0.00	24.67 1.53 0.00	26.04 1.66 0.00	25.86 1.77 0.00	26.86 1.82 0.00	26.69 1.78 0.00	25.61 1.68 0.00	28.53 1.72 0.00	22.39 1.17 0.00	19.37 0.87 0.00
W50THST__13_KV_LOAD 356117	19.94 1.21 0.00	18.82 1.13 0.00	16.02 0.95 0.00	12.79 0.77 0.00	10.82 0.65 0.00	12.02 0.74 0.00	17.28 1.06 0.00	19.87 1.21 0.00	20.97 1.27 0.00	21.53 1.31 0.00	25.65 1.52 0.00	30.09 1.75 0.00	30.13 1.76 0.00	25.29 1.55 0.00	24.79 1.68 0.00	24.88 1.74 0.00	26.25 1.87 0.00	26.07 1.98 0.00	27.08 2.03 0.00	26.91 2.00 0.00	25.81 1.88 0.00	28.75 1.95 0.00	22.56 1.34 0.00	19.51 1.00 0.00
WADING RIVER_IC_1 23522	20.27 1.54 0.00	19.11 1.42 0.00	16.24 1.16 0.00	12.95 0.92 0.00	10.95 0.79 0.00	12.16 0.88 0.00	17.55 1.33 0.00	20.17 1.51 0.00	21.38 1.67 0.00	21.94 1.72 0.00	36.67 1.80 -10.73	30.11 1.77 0.00	30.15 1.78 0.00	25.26 1.52 0.00	24.72 1.60 0.00	24.75 1.61 0.00	26.61 2.23 0.00	26.17 2.08 0.00	27.31 2.26 0.00	27.39 2.48 0.00	25.91 1.98 0.00	28.77 1.97 0.00	23.86 1.61 -1.02	19.87 1.36 0.00
WADING RIVER_IC_2 23547	20.27 1.54 0.00	19.11 1.42 0.00	16.24 1.16 0.00	12.95 0.92 0.00	10.95 0.79 0.00	12.16 0.88 0.00	17.55 1.33 0.00	20.17 1.51 0.00	21.38 1.67 0.00	21.94 1.72 0.00	36.67 1.80 -10.73	30.11 1.77 0.00	30.15 1.78 0.00	25.26 1.52 0.00	24.72 1.60 0.00	24.75 1.61 0.00	26.61 2.23 0.00	26.17 2.08 0.00	27.31 2.26 0.00	27.39 2.48 0.00	25.91 1.98 0.00	28.77 1.97 0.00	23.86 1.61 -1.02	19.87 1.36 0.00
WADING RIVER_IC_3 23601	20.27 1.54 0.00	19.11 1.42 0.00	16.24 1.16 0.00	12.95 0.92 0.00	10.95 0.79 0.00	12.16 0.88 0.00	17.55 1.33 0.00	20.17 1.51 0.00	21.38 1.67 0.00	21.94 1.72 0.00	36.67 1.80 -10.73	30.11 1.77 0.00	30.15 1.78 0.00	25.26 1.52 0.00	24.72 1.60 0.00	24.75 1.61 0.00	26.61 2.23 0.00	26.17 2.08 0.00	27.31 2.26 0.00	27.39 2.48 0.00	25.91 1.98 0.00	28.77 1.97 0.00	23.86 1.61 -1.02	19.87 1.36 0.00

WALDENNY_12_KV_BK2 80841	17.77 -0.96 0.00	16.62 -1.07 0.00	14.15 -0.92 0.00	11.25 -0.78 0.00	9.51 -0.66 0.00	10.53 -0.75 0.00	15.44 -0.78 0.00	17.67 -0.99 0.00	18.85 -0.85 0.00	19.15 -1.08 0.00	22.72 -1.41 0.00	26.61 -1.73 0.00	26.70 -1.67 0.00	22.25 -1.49 0.00	21.68 -1.43 0.00	22.03 -1.11 0.00	23.07 -1.31 0.00	22.80 -1.30 0.00	23.62 -1.42 0.00	23.65 -1.25 0.00	22.94 -1.00 0.00	25.90 -0.91 0.00	20.63 -0.59 0.00	18.26 -0.24 0.00
WALDEN___HYDRO 24148	19.72 0.99 0.00	18.62 0.93 0.00	15.85 0.78 0.00	12.64 0.62 0.00	10.70 0.54 0.00	11.88 0.61 0.00	17.09 0.87 0.00	19.68 1.02 0.00	20.77 1.07 0.00	21.32 1.09 0.00	25.40 1.27 0.00	29.80 1.47 0.00	29.81 1.44 0.00	25.05 1.31 0.00	24.53 1.42 0.00	24.61 1.47 0.00	25.98 1.60 0.00	25.81 1.72 0.00	26.81 1.76 0.00	26.62 1.71 0.00	25.53 1.60 0.00	28.45 1.65 0.00	22.35 1.12 0.00	19.31 0.81 0.00
WARRENSBURG___ 23737	19.65 0.92 0.00	18.57 0.88 0.00	15.77 0.70 0.00	12.60 0.57 0.00	10.58 0.41 0.00	11.77 0.49 0.00	16.94 0.72 0.00	19.49 0.82 0.00	20.53 0.83 0.00	21.06 0.84 0.00	25.07 0.94 0.00	29.41 1.07 0.00	29.41 1.04 0.00	24.67 0.93 0.00	24.12 1.01 0.00	24.23 1.09 0.00	25.57 1.19 0.00	25.47 1.38 0.00	26.39 1.34 0.00	26.11 1.20 0.00	24.95 1.02 0.00	28.03 1.22 0.00	22.08 0.85 0.00	19.16 0.65 0.00
WATERSIDE___6 8 9 23538	19.86 1.13 0.00	18.75 1.06 0.00	15.96 0.89 0.00	12.75 0.72 0.00	10.78 0.62 0.00	11.98 0.70 0.00	17.21 0.99 0.00	19.80 1.14 0.00	20.89 1.18 0.00	21.43 1.21 0.00	25.54 1.41 0.00	29.94 1.61 0.00	29.98 1.61 0.00	25.18 1.44 0.00	24.67 1.56 0.00	24.76 1.63 0.00	26.14 1.76 0.00	25.96 1.87 0.00	26.97 1.93 0.00	26.79 1.88 0.00	25.71 1.77 0.00	28.63 1.83 0.00	22.47 1.25 0.00	19.43 0.92 0.00
WATKINRD_115KV_LN8_ILLION 55919	18.72 -0.01 0.00	17.71 0.02 0.00	15.11 0.04 0.00	12.05 0.03 0.00	10.19 0.02 0.00	11.32 0.05 0.00	16.25 0.04 0.00	18.69 0.03 0.00	19.71 0.00 0.00	20.24 0.02 0.00	24.13 -0.01 0.00	28.36 0.02 0.00	28.38 0.01 0.00	23.79 0.05 0.00	23.23 0.12 0.00	23.28 0.14 0.00	24.53 0.16 0.00	24.36 0.27 0.00	25.30 0.26 0.00	25.12 0.21 0.00	24.07 0.14 0.00	26.85 0.05 0.00	21.14 -0.08 0.00	18.38 -0.12 0.00
WATSON___69_KV_BK 1 55734	20.39 1.66 0.00	19.22 1.53 0.00	16.33 1.26 0.00	13.03 1.01 0.00	11.02 0.85 0.00	12.23 0.95 0.00	17.66 1.44 0.00	20.28 1.62 0.00	21.49 1.79 0.00	22.12 1.90 0.00	37.06 2.19 -10.73	30.78 2.45 0.00	30.82 2.45 0.00	25.84 2.10 0.00	25.29 2.18 0.00	25.32 2.18 0.00	26.91 2.53 0.00	26.62 2.53 0.00	27.73 2.68 0.00	27.65 2.74 0.00	26.40 2.46 0.00	29.35 2.55 0.00	24.16 1.92 -1.02	19.99 1.49 0.00
WDELAWARE___HYD 323627	19.87 1.13 0.00	18.74 1.06 0.00	15.94 0.87 0.00	12.72 0.70 0.00	10.78 0.61 0.00	11.96 0.68 0.00	17.22 1.00 0.00	19.86 1.20 0.00	20.96 1.26 0.00	21.52 1.30 0.00	25.66 1.52 0.00	30.10 1.77 0.00	30.11 1.74 0.00	25.26 1.52 0.00	24.73 1.62 0.00	24.83 1.69 0.00	26.21 1.84 0.00	26.03 1.94 0.00	27.02 1.98 0.00	26.84 1.93 0.00	25.74 1.81 0.00	28.67 1.87 0.00	22.53 1.30 0.00	19.47 0.97 0.00
WEST BABYLON___IC 23714	20.34 1.61 0.00	19.18 1.49 0.00	16.30 1.23 0.00	13.00 0.98 0.00	10.99 0.83 0.00	12.21 0.93 0.00	17.61 1.39 0.00	20.23 1.57 0.00	21.43 1.73 0.00	22.05 1.83 0.00	37.00 2.13 -10.73	30.74 2.41 0.00	30.78 2.40 0.00	25.80 2.06 0.00	25.26 2.14 0.00	25.27 2.13 0.00	26.83 2.45 0.00	26.57 2.48 0.00	27.66 2.61 0.00	27.56 2.66 0.00	26.35 2.41 0.00	29.29 2.49 0.00	24.10 1.86 -1.02	19.93 1.42 0.00
WEST CANADA___HYD 24049	18.75 0.02 0.00	17.72 0.04 0.00	15.11 0.04 0.00	12.06 0.04 0.00	10.20 0.04 0.00	11.32 0.04 0.00	16.25 0.04 0.00	18.70 0.04 0.00	19.73 0.02 0.00	20.24 0.02 0.00	24.14 0.00 0.00	28.36 0.03 0.00	28.40 0.03 0.00	23.78 0.04 0.00	23.19 0.07 0.00	23.22 0.08 0.00	24.45 0.07 0.00	24.21 0.12 0.00	25.15 0.10 0.00	25.00 0.10 0.00	24.01 0.07 0.00	26.86 0.05 0.00	21.22 0.00 0.00	18.48 -0.03 0.00
WESTERN_NY_WIND 24143	18.01 -0.72 0.00	16.85 -0.83 0.00	14.35 -0.72 0.00	11.41 -0.61 0.00	9.65 -0.52 0.00	10.70 -0.58 0.00	15.68 -0.54 0.00	17.94 -0.73 0.00	19.13 -0.58 0.00	19.44 -0.78 0.00	23.10 -1.03 0.00	27.04 -1.29 0.00	27.16 -1.21 0.00	22.63 -1.11 0.00	22.05 -1.06 0.00	22.39 -0.75 0.00	23.49 -0.89 0.00	23.16 -0.93 0.00	23.97 -1.08 0.00	23.93 -0.97 0.00	23.17 -0.77 0.00	26.09 -0.72 0.00	20.76 -0.47 0.00	18.33 -0.17 0.00
WESTOVER___LESR 323668	18.62 -0.11 0.00	17.56 -0.13 0.00	14.95 -0.13 0.00	11.92 -0.11 0.00	10.09 -0.08 0.00	11.19 -0.09 0.00	16.16 -0.06 0.00	18.62 -0.05 0.00	19.67 -0.04 0.00	20.16 -0.07 0.00	24.00 -0.13 0.00	28.18 -0.15 0.00	28.15 -0.23 0.00	23.55 -0.19 0.00	22.99 -0.12 0.00	23.11 -0.03 0.00	24.34 -0.03 0.00	24.13 0.04 0.00	25.09 0.05 0.00	25.00 0.10 0.00	24.05 0.11 0.00	26.95 0.14 0.00	21.25 0.03 0.00	18.55 0.04 0.00
WETHRSFD_WT_PWR 323626	17.35 -1.38 0.00	16.23 -1.45 0.00	13.83 -1.24 0.00	10.98 -1.04 0.00	9.29 -0.88 0.00	10.31 -0.97 0.00	15.10 -1.12 0.00	17.31 -1.36 0.00	18.45 -1.25 0.00	18.74 -1.49 0.00	22.26 -1.87 0.00	26.12 -2.21 0.00	26.14 -2.24 0.00	21.81 -1.93 0.00	21.28 -1.84 0.00	21.61 -1.53 0.00	22.69 -1.69 0.00	22.51 -1.58 0.00	23.42 -1.63 0.00	23.51 -1.39 0.00	22.83 -1.10 0.00	25.82 -0.99 0.00	20.50 -0.72 0.00	18.16 -0.35 0.00
WHAVSTOR_138KV_BK127 55557	19.64 0.91 0.00	18.54 0.85 0.00	15.78 0.71 0.00	12.60 0.57 0.00	10.66 0.49 0.00	11.84 0.56 0.00	17.03 0.81 0.00	19.59 0.93 0.00	20.66 0.95 0.00	21.19 0.96 0.00	25.24 1.10 0.00	29.60 1.26 0.00	29.61 1.23 0.00	24.86 1.12 0.00	24.36 1.25 0.00	24.43 1.30 0.00	25.79 1.41 0.00	25.62 1.53 0.00	26.61 1.57 0.00	26.44 1.54 0.00	25.37 1.44 0.00	28.29 1.49 0.00	22.21 0.98 0.00	19.21 0.70 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	19.64 0.91 0.00	18.54 0.85 0.00	15.78 0.71 0.00	12.60 0.57 0.00	10.66 0.49 0.00	11.84 0.56 0.00	17.03 0.81 0.00	19.59 0.93 0.00	20.66 0.95 0.00	21.19 0.96 0.00	25.24 1.10 0.00	29.60 1.26 0.00	29.61 1.23 0.00	24.86 1.12 0.00	24.36 1.25 0.00	24.43 1.30 0.00	25.79 1.41 0.00	25.62 1.53 0.00	26.61 1.57 0.00	26.44 1.54 0.00	25.37 1.44 0.00	28.29 1.49 0.00	22.21 0.98 0.00	19.21 0.70 0.00
WHITEHAL_115KV_TB1 80871	19.96 1.23 0.00	18.81 1.13 0.00	15.90 0.83 0.00	12.68 0.66 0.00	10.67 0.50 0.00	11.91 0.63 0.00	17.22 1.00 0.00	20.11 1.45 0.00	21.02 1.31 0.00	21.49 1.26 0.00	25.50 1.37 0.00	29.84 1.51 0.00	29.79 1.41 0.00	25.05 1.31 0.00	24.56 1.44 0.00	24.75 1.61 0.00	26.10 1.73 0.00	26.20 2.10 0.00	27.07 2.02 0.00	26.53 1.62 0.00	25.27 1.34 0.00	28.35 1.54 0.00	22.29 1.06 0.00	19.31 0.81 0.00

WHITEPLN_13_KV_LOAD 356215	19.89 1.16 0.00	18.77 1.08 0.00	15.98 0.90 0.00	12.75 0.73 0.00	10.79 0.62 0.00	11.98 0.70 0.00	17.23 1.01 0.00	19.83 1.17 0.00	20.93 1.23 0.00	21.49 1.26 0.00	25.61 1.47 0.00	30.04 1.70 0.00	30.05 1.68 0.00	25.23 1.50 0.00	24.72 1.61 0.00	24.81 1.67 0.00	26.19 1.81 0.00	26.02 1.93 0.00	27.03 1.98 0.00	26.85 1.94 0.00	25.75 1.81 0.00	28.68 1.88 0.00	22.51 1.28 0.00	19.45 0.95 0.00
WM_FLOYD_69_KV_BK2 356380	20.28 1.55 0.00	19.12 1.43 0.00	16.25 1.18 0.00	12.96 0.94 0.00	10.96 0.79 0.00	12.17 0.89 0.00	17.57 1.35 0.00	20.18 1.52 0.00	21.40 1.69 0.00	22.00 1.77 0.00	36.82 1.96 -10.73	30.38 2.05 0.00	30.42 2.04 0.00	25.48 1.74 0.00	24.94 1.82 0.00	24.97 1.83 0.00	26.71 2.33 0.00	26.34 2.25 0.00	27.44 2.40 0.00	27.45 2.54 0.00	26.09 2.15 0.00	28.99 2.18 0.00	23.96 1.71 -1.02	19.89 1.39 0.00
WOODARD__115KV_TB2 355635	18.43 -0.30 0.00	17.38 -0.31 0.00	14.81 -0.26 0.00	11.81 -0.22 0.00	9.99 -0.17 0.00	11.09 -0.19 0.00	16.00 -0.23 0.00	18.38 -0.28 0.00	19.41 -0.30 0.00	19.90 -0.32 0.00	23.76 -0.38 0.00	27.90 -0.44 0.00	27.94 -0.44 0.00	23.34 -0.40 0.00	22.70 -0.41 0.00	22.81 -0.34 0.00	24.05 -0.33 0.00	23.78 -0.32 0.00	24.66 -0.39 0.00	24.54 -0.36 0.00	23.58 -0.36 0.00	26.40 -0.41 0.00	20.95 -0.28 0.00	18.31 -0.20 0.00
YORK___WARBASSE 23770	19.92 1.19 0.00	18.80 1.11 0.00	16.00 0.93 0.00	12.77 0.75 0.00	10.81 0.64 0.00	12.00 0.72 0.00	17.25 1.03 0.00	19.85 1.18 0.00	20.94 1.24 0.00	21.49 1.27 0.00	25.62 1.48 0.00	30.02 1.69 0.00	30.06 1.69 0.00	25.25 1.51 0.00	24.74 1.63 0.00	24.84 1.69 0.00	26.21 1.84 0.00	26.05 1.96 0.00	27.07 2.02 0.00	26.88 1.98 0.00	25.80 1.87 0.00	28.74 1.93 0.00	22.55 1.32 0.00	19.48 0.98 0.00