

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/24/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	24.90	17.50	23.61	19.85	21.62	24.04	16.00	14.81	18.56	17.36	22.03	23.29	15.12	15.33	9.84	10.67	17.57	20.37	20.96	27.85	41.49	40.48	41.14	29.28
24138	1.18	0.87	1.16	0.95	0.95	1.02	0.70	0.65	0.83	0.80	1.15	1.19	0.87	1.02	0.65	0.65	1.14	1.24	1.14	1.37	1.94	1.68	1.65	1.25
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.59	3.31	1.91	0.81	3.57	3.19	0.75	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	24.91	17.50	23.67	19.89	21.67	24.11	16.03	14.83	18.57	17.37	22.06	23.34	15.14	15.34	9.86	10.68	17.59	20.38	20.99	27.89	41.56	40.55	41.22	29.32
24260	1.19	0.86	1.22	1.00	1.00	1.09	0.73	0.67	0.84	0.82	1.18	1.24	0.89	1.04	0.66	0.67	1.16	1.26	1.17	1.41	2.00	1.76	1.72	1.30
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.59	3.31	1.91	0.81	3.57	3.19	0.75	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	24.91	17.50	23.67	19.89	21.67	24.11	16.03	14.83	18.57	17.37	22.06	23.34	15.14	15.34	9.86	10.68	17.59	20.38	20.99	27.89	41.56	40.55	41.22	29.32
24261	1.19	0.86	1.22	1.00	1.00	1.09	0.73	0.67	0.84	0.82	1.18	1.24	0.89	1.04	0.66	0.67	1.16	1.26	1.17	1.41	2.00	1.76	1.72	1.30
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.59	3.31	1.91	0.81	3.57	3.19	0.75	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	24.69	17.31	23.46	19.72	21.55	24.00	15.85	14.66	18.28	17.05	21.35	22.60	14.80	15.77	10.06	10.55	18.20	20.84	20.84	27.49	41.10	40.26	40.83	28.95
24011	0.96	0.67	1.01	0.83	0.88	0.98	0.56	0.50	0.55	0.49	0.48	0.50	0.36	0.41	0.26	0.28	0.63	0.70	0.78	1.01	1.54	1.46	1.34	0.92
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.40	2.26	1.31	0.55	2.44	2.18	0.51	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	24.85	17.40	23.61	19.84	21.69	24.16	15.96	14.75	18.36	17.14	21.42	22.66	14.84	15.84	10.10	10.58	18.28	20.92	20.98	27.65	41.36	40.52	41.07	29.11
23798	1.13	0.77	1.15	0.95	1.02	1.14	0.66	0.59	0.64	0.58	0.54	0.56	0.39	0.48	0.30	0.31	0.71	0.78	0.91	1.17	1.80	1.73	1.58	1.08
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.40	2.26	1.31	0.55	2.44	2.18	0.51	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	24.69	17.31	23.46	19.72	21.55	24.00	15.85	14.66	18.28	17.05	21.35	22.60	14.80	15.77	10.06	10.55	18.20	20.84	20.84	27.49	41.10	40.26	40.83	28.95
24028	0.96	0.67	1.01	0.83	0.88	0.98	0.56	0.50	0.55	0.49	0.48	0.50	0.36	0.41	0.26	0.28	0.63	0.70	0.78	1.01	1.54	1.46	1.34	0.92
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.40	2.26	1.31	0.55	2.44	2.18	0.51	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	24.14	17.06	23.19	19.53	21.33	23.74	15.71	14.50	18.07	16.85	21.14	22.38	14.67	15.60	9.94	10.41	17.86	20.46	20.42	26.89	40.25	39.50	40.14	28.53
23527	0.42	0.43	0.73	0.63	0.66	0.72	0.42	0.34	0.35	0.30	0.26	0.28	0.23	0.28	0.17	0.15	0.33	0.35	0.37	0.41	0.69	0.70	0.65	0.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.41	2.30	1.33	0.56	2.48	2.22	0.52	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	23.65	16.65	22.55	18.98	20.72	23.05	15.28	14.14	17.65	16.42	20.75	21.96	14.38	15.20	9.71	10.22	17.43	19.98	19.91	26.27	39.25	38.47	39.09	27.82
24190	-0.07	0.02	0.09	0.08	0.05	0.03	-0.02	-0.02	-0.07	-0.14	-0.13	-0.14	-0.04	-0.08	-0.04	-0.03	-0.05	-0.08	-0.13	-0.21	-0.31	-0.33	-0.41	-0.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.42	2.34	1.35	0.57	2.53	2.26	0.53	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	23.88	16.66	22.34	18.82	20.65	23.04	15.42	14.28	17.93	16.80	21.17	22.41	14.60	15.27	9.73	10.28	17.49	20.16	20.17	26.73	39.88	39.26	39.98	28.34
355683	0.15	0.03	-0.12	-0.07	-0.02	0.02	0.12	0.12	0.20	0.25	0.29	0.31	0.20	0.15	0.07	0.06	0.17	0.25	0.16	0.25	0.32	0.47	0.49	0.31
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.44	2.49	1.44	0.61	2.69	2.41	0.56	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	24.13	16.97	22.98	19.34	21.13	23.52	15.58	14.41	17.98	16.72	21.06	22.30	14.53	15.33	9.79	10.35	17.67	20.31	20.32	26.85	40.17	39.36	39.97	28.41
323833	0.40	0.33	0.53	0.45	0.46	0.50	0.29	0.24	0.26	0.16	0.18	0.20	0.12	0.14	0.09	0.12	0.28	0.33	0.30	0.37	0.61	0.56	0.48	0.38
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.43	2.43	1.40	0.59	2.62	2.34	0.55	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	24.12	16.97	22.97	19.34	21.12	23.51	15.58	14.40	17.98	16.71	21.06	22.30	14.53	15.33	9.79	10.35	17.66	20.30	20.31	26.85	40.15	39.35	39.96	28.40
323834	0.39	0.33	0.52	0.44	0.45	0.48	0.28	0.24	0.25	0.16	0.18	0.20	0.12	0.13	0.09	0.11	0.27	0.32	0.29	0.37	0.60	0.55	0.47	0.37
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.43	2.43	1.40	0.59	2.62	2.34	0.55	0.00	0.00	0.00	0.00	0.00
ALBANY___1	23.65	16.65	22.55	18.98	20.72	23.05	15.28	14.14	17.65	16.42	20.75	21.96	14.38	15.20	9.71	10.22	17.43	19.98	19.91	26.27	39.25	38.47	39.09	27.82
23571	-0.07	0.02	0.09	0.08	0.05	0.03	-0.02	-0.02	-0.07	-0.14	-0.13	-0.14	-0.04	-0.08	-0.04	-0.03	-0.05	-0.08	-0.13	-0.21	-0.31	-0.33	-0.41	-0.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.42	2.34	1.35	0.57	2.53	2.26	0.53	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	23.65 -0.07 0.00	16.65 0.02 0.00	22.55 0.09 0.00	18.98 0.08 0.00	20.72 0.05 0.00	23.05 0.03 0.00	15.28 -0.02 0.00	14.14 -0.02 0.00	17.65 -0.07 0.00	16.42 -0.14 0.00	20.75 -0.13 0.00	21.96 -0.14 0.00	14.38 -0.04 0.42	15.20 -0.08 2.34	9.71 -0.04 1.35	10.22 -0.03 0.57	17.43 -0.05 2.53	19.98 -0.08 2.26	19.91 -0.13 0.53	26.27 -0.21 0.00	39.25 -0.31 0.00	38.47 -0.33 0.00	39.09 -0.41 0.00	27.82 -0.21 0.00
ALBANY___3 23573	23.65 -0.07 0.00	16.65 0.02 0.00	22.55 0.09 0.00	18.98 0.08 0.00	20.72 0.05 0.00	23.05 0.03 0.00	15.28 -0.02 0.00	14.14 -0.02 0.00	17.65 -0.07 0.00	16.42 -0.14 0.00	20.75 -0.13 0.00	21.96 -0.14 0.00	14.38 -0.04 0.42	15.20 -0.08 2.34	9.71 -0.04 1.35	10.22 -0.03 0.57	17.43 -0.05 2.53	19.98 -0.08 2.26	19.91 -0.13 0.53	26.27 -0.21 0.00	39.25 -0.31 0.00	38.47 -0.33 0.00	39.09 -0.41 0.00	27.82 -0.21 0.00
ALBANY___4 23574	23.65 -0.07 0.00	16.65 0.02 0.00	22.55 0.09 0.00	18.98 0.08 0.00	20.72 0.05 0.00	23.05 0.03 0.00	15.28 -0.02 0.00	14.14 -0.02 0.00	17.65 -0.07 0.00	16.42 -0.14 0.00	20.75 -0.13 0.00	21.96 -0.14 0.00	14.38 -0.04 0.42	15.20 -0.08 2.34	9.71 -0.04 1.35	10.22 -0.03 0.57	17.43 -0.05 2.53	19.98 -0.08 2.26	19.91 -0.13 0.53	26.27 -0.21 0.00	39.25 -0.31 0.00	38.47 -0.33 0.00	39.09 -0.41 0.00	27.82 -0.21 0.00
ALBANY___LFGE 323615	23.85 0.12 0.00	16.79 0.15 0.00	22.73 0.27 0.00	19.13 0.24 0.00	20.89 0.21 0.00	23.24 0.22 0.00	15.41 0.11 0.00	14.25 0.09 0.00	17.80 0.07 0.00	16.56 0.00 0.00	20.91 0.03 0.00	22.14 0.04 0.00	14.50 0.07 0.41	15.36 0.07 2.33	9.81 0.06 1.34	10.32 0.07 0.57	17.63 0.13 2.51	20.19 0.11 2.24	20.10 0.06 0.52	26.53 0.05 0.00	39.63 0.08 0.00	38.83 0.03 0.00	39.45 -0.04 0.00	28.07 0.04 0.00
ALCOA_PA_115KV_PL-6C 55860	23.99 0.27 0.00	16.68 0.05 0.00	22.36 -0.09 0.00	18.84 -0.05 0.00	20.67 0.00 0.00	23.07 0.05 0.00	15.50 0.20 0.00	14.35 0.19 0.00	18.01 0.29 0.00	16.88 0.32 0.00	21.26 0.38 0.00	22.50 0.40 0.00	14.56 0.26 0.55	14.76 0.20 3.07	9.44 0.11 1.77	10.17 0.10 0.75	16.95 0.25 3.30	19.71 0.35 2.96	20.14 0.25 0.69	26.86 0.38 0.00	39.97 0.41 0.00	39.49 0.69 0.00	40.20 0.71 0.00	28.48 0.45 0.00
ALCOA_RYNLDS___DRP 24188	23.99 0.27 0.00	16.68 0.05 0.00	22.36 -0.09 0.00	18.84 -0.05 0.00	20.67 0.00 0.00	23.07 0.05 0.00	15.50 0.20 0.00	14.35 0.19 0.00	18.01 0.29 0.00	16.88 0.32 0.00	21.26 0.38 0.00	22.50 0.40 0.00	14.56 0.26 0.55	14.76 0.20 3.07	9.44 0.11 1.77	10.17 0.10 0.75	16.95 0.25 3.30	19.71 0.35 2.96	20.14 0.25 0.69	26.86 0.38 0.00	39.97 0.41 0.00	39.49 0.69 0.00	40.20 0.71 0.00	28.48 0.45 0.00
ALCOA___DSASP 323711	23.99 0.27 0.00	16.68 0.05 0.00	22.36 -0.09 0.00	18.84 -0.05 0.00	20.67 0.00 0.00	23.07 0.05 0.00	15.50 0.20 0.00	14.35 0.19 0.00	18.01 0.29 0.00	16.88 0.32 0.00	21.26 0.38 0.00	22.50 0.40 0.00	14.56 0.26 0.55	14.76 0.21 3.07	9.44 0.11 1.77	10.17 0.10 0.75	16.95 0.25 3.30	19.71 0.35 2.96	20.14 0.26 0.69	26.86 0.38 0.00	39.97 0.41 0.00	39.49 0.69 0.00	40.20 0.71 0.00	28.48 0.45 0.00
ALLEGHENY___COGEN 23514	54.93 -0.96 -32.17	25.59 -0.77 -9.73	49.30 -1.04 -27.88	24.83 -0.94 -6.87	22.57 -1.02 -2.92	47.81 -1.11 -25.90	22.29 -0.74 -7.73	42.36 -0.63 -28.82	46.09 -0.81 -29.18	22.24 -0.85 -6.54	28.77 -1.16 -9.05	28.58 -1.41 -7.89	10.68 -1.07 3.09	1.60 -1.09 14.94	4.01 -0.67 6.42	19.33 -0.69 -9.20	2.62 -1.27 16.11	6.61 -1.11 14.60	34.57 -0.92 -14.92	39.76 -1.07 -14.35	44.80 -1.30 -6.54	49.44 -1.13 -11.77	38.76 -0.73 0.00	27.30 -0.73 0.00
ALTAMONT_115KV_TB 2 55880	23.93 0.20 0.00	16.82 0.19 0.00	22.79 0.33 0.00	19.17 0.28 0.00	20.93 0.26 0.00	23.29 0.27 0.00	15.45 0.15 0.00	14.28 0.12 0.00	17.85 0.12 0.00	16.63 0.08 0.00	20.97 0.10 0.00	22.21 0.11 0.00	14.53 0.10 0.42	15.39 0.12 2.34	9.83 0.08 1.35	10.34 0.08 0.57	17.64 0.16 2.53	20.23 0.17 2.26	20.20 0.16 0.53	26.65 0.17 0.00	39.83 0.27 0.00	39.02 0.22 0.00	39.67 0.18 0.00	28.20 0.17 0.00
ALTONA_WT_PWR 323606	24.21 0.48 0.00	16.89 0.26 0.00	22.64 0.18 0.00	19.04 0.15 0.00	20.88 0.21 0.00	23.26 0.24 0.00	15.54 0.24 0.00	14.41 0.24 0.00	18.08 0.36 0.00	16.95 0.40 0.00	21.34 0.46 0.00	22.58 0.48 0.00	14.75 0.33 0.43	15.52 0.31 2.41	9.89 0.18 1.39	10.41 0.18 0.59	17.83 0.42 2.60	20.50 0.50 2.32	20.41 0.38 0.54	26.88 0.41 0.00	40.04 0.49 0.00	39.50 0.70 0.00	40.28 0.79 0.00	28.54 0.51 0.00
AMERICAN_REF_FUEL 24010	13.62 -2.42 7.68	12.44 -1.87 2.33	13.40 -2.38 6.68	15.08 -2.17 1.65	17.54 -2.43 0.70	14.25 -2.57 6.20	11.65 -1.79 1.85	5.69 -1.58 6.89	8.87 -1.88 6.97	13.13 -1.87 1.56	16.19 -2.34 2.35	17.28 -2.36 2.47	9.41 -1.81 3.63	-0.48 -1.49 16.61	0.08 -0.92 10.10	2.69 -1.00 7.14	0.31 -1.80 17.89	4.29 -2.06 15.97	10.36 -2.10 8.11	19.98 -3.07 3.43	33.02 -4.50 2.03	29.98 -4.22 4.59	35.61 -3.53 0.36	25.20 -2.67 0.16
ARKWRIGHT___SUMMIT_WT_PWR 323751	15.24 -2.17 6.32	13.15 -1.58 1.92	14.92 -2.04 5.49	15.67 -1.87 1.35	18.00 -2.10 0.57	15.66 -2.26 5.10	12.20 -1.58 1.52	7.13 -1.37 5.67	10.42 -1.56 5.74	13.81 -1.46 1.29	17.03 -1.85 1.99	17.95 -1.95 2.20	9.53 -1.51 3.80	-0.68 -1.34 16.95	-0.01 -0.90 10.21	3.17 -0.98 6.68	0.00 -1.74 18.27	4.03 -1.97 16.32	11.32 -1.84 7.42	21.34 -2.31 2.82	34.59 -3.09 1.88	31.74 -2.65 4.41	36.93 -2.08 0.48	26.19 -1.63 0.21
ARTHUR KILL_GT_1 23520	24.74 1.02 0.00	17.38 0.74 0.00	23.56 1.10 -0.01	19.80 0.90 -0.01	21.55 0.87 -0.01	23.98 0.96 0.00	15.94 0.64 -0.01	14.75 0.58 -0.01	18.46 0.73 -0.01	17.29 0.73 0.00	21.94 1.06 0.00	23.21 1.11 0.00	15.09 0.83 0.59	15.24 0.93 3.31	9.81 0.62 1.91	10.62 0.61 0.81	17.46 1.02 3.57	20.29 1.17 3.19	20.92 1.09 0.75	27.82 1.34 0.00	41.42 1.86 0.00	40.43 1.64 0.00	41.12 1.63 0.00	29.26 1.23 0.00
ARTHUR_KILL_2 23512	24.68 0.95 0.00	17.34 0.69 0.00	23.51 1.05 -0.01	19.76 0.86 -0.01	21.51 0.83 -0.01	23.93 0.91 0.00	15.91 0.61 -0.01	14.72 0.55 -0.01	18.43 0.69 -0.01	17.26 0.70 0.00	21.90 1.02 0.00	23.17 1.07 0.00	15.06 0.80 0.59	15.21 0.90 3.31	9.79 0.60 1.91	10.60 0.59 0.81	17.42 0.99 3.57	20.25 1.12 3.19	20.86 1.03 0.75	27.75 1.27 0.00	41.32 1.76 0.00	40.32 1.52 0.00	41.01 1.52 0.00	29.18 1.16 0.00
ARTHUR_KILL_3 23513	24.70 0.97 0.00	17.37 0.73 0.00	23.48 1.03 0.00	19.74 0.85 0.00	21.49 0.82 0.00	23.91 0.88 0.00	15.91 0.61 0.00	14.72 0.55 0.00	18.41 0.69 0.00	17.22 0.67 0.00	21.84 0.96 0.00	23.11 1.01 0.00	14.99 0.74 0.59	15.18 0.87 3.31	9.75 0.56 1.91	10.58 0.56 0.81	17.39 0.96 3.57	20.17 1.04 3.19	20.79 0.96 0.75	27.63 1.15 0.00	41.17 1.61 0.00	40.17 1.38 0.00	40.84 1.35 0.00	29.05 1.02 0.00

ARTHUR_KILL_COGEN 323718	24.74 1.02 0.00	17.38 0.74 0.00	23.56 1.10 -0.01	19.80 0.90 -0.01	21.55 0.87 -0.01	23.98 0.96 0.00	15.94 0.64 -0.01	14.75 0.58 -0.01	18.46 0.73 -0.01	17.29 0.73 0.00	21.94 1.06 0.00	23.21 1.11 0.00	15.09 0.83 0.59	15.25 0.94 3.31	9.81 0.62 1.91	10.62 0.61 0.81	17.46 1.02 3.57	20.30 1.17 3.19	20.91 1.09 0.75	27.82 1.34 0.00	41.42 1.86 0.00	40.43 1.63 0.00	41.12 1.62 0.00	29.26 1.23 0.00
ASHOKAN____ 23654	25.05 1.33 0.00	17.56 0.93 0.00	23.74 1.29 0.00	19.95 1.05 0.00	21.76 1.08 0.00	24.21 1.19 0.00	16.10 0.80 0.00	14.92 0.75 0.00	18.62 0.90 0.00	17.39 0.83 0.00	22.03 1.15 0.00	23.28 1.18 0.00	15.16 0.81 0.50	15.78 0.97 2.81	10.09 0.61 1.62	10.73 0.59 0.69	18.17 1.19 3.02	20.92 1.31 2.70	21.18 1.24 0.63	28.07 1.59 0.00	42.01 2.45 0.00	40.98 2.18 0.00	41.59 2.10 0.00	29.47 1.44 0.00
ASTORIA_EAST_ENERGY_CC1 323581	24.69 0.96 0.00	17.37 0.73 0.00	23.53 1.07 -0.01	19.77 0.87 -0.01	21.54 0.87 -0.01	23.96 0.94 0.00	15.89 0.59 -0.01	14.70 0.53 -0.01	18.39 0.66 -0.01	17.23 0.67 0.00	21.96 1.08 0.00	23.15 1.05 0.00	15.04 0.78 0.59	15.21 0.91 3.31	9.77 0.58 1.91	10.58 0.57 0.81	17.44 1.00 3.57	20.21 1.08 3.19	20.76 0.94 0.75	27.61 1.13 0.00	41.08 1.53 0.00	40.11 1.31 0.00	40.82 1.33 0.00	29.10 1.07 0.00
ASTORIA_EAST_ENERGY_CC2 323582	24.69 0.96 0.00	17.37 0.73 0.00	23.53 1.07 -0.01	19.77 0.87 -0.01	21.54 0.87 -0.01	23.96 0.94 0.00	15.89 0.59 -0.01	14.70 0.53 -0.01	18.39 0.66 -0.01	17.23 0.67 0.00	21.96 1.08 0.00	23.15 1.05 0.00	15.04 0.78 0.59	15.21 0.91 3.31	9.77 0.58 1.91	10.58 0.57 0.81	17.44 1.00 3.57	20.21 1.08 3.19	20.76 0.94 0.75	27.61 1.13 0.00	41.08 1.53 0.00	40.11 1.31 0.00	40.82 1.33 0.00	29.10 1.07 0.00
ASTORIA_GT2_1 24094	24.70 0.98 0.00	17.38 0.74 0.00	23.54 1.07 -0.01	19.78 0.88 -0.01	21.55 0.88 -0.01	23.97 0.95 0.00	15.90 0.60 -0.01	14.71 0.54 -0.01	18.40 0.67 -0.01	17.24 0.68 0.00	21.97 1.09 0.00	23.16 1.06 0.00	15.05 0.79 0.59	15.22 0.91 3.31	9.77 0.58 1.91	10.58 0.57 0.81	17.44 1.00 3.57	20.22 1.09 3.19	20.78 0.95 0.75	27.62 1.14 0.00	41.11 1.56 0.00	40.12 1.33 0.00	40.86 1.37 0.00	29.12 1.09 0.00
ASTORIA_GT2_2 24095	24.70 0.98 0.00	17.38 0.74 0.00	23.54 1.07 -0.01	19.78 0.88 -0.01	21.55 0.88 -0.01	23.97 0.95 0.00	15.90 0.60 -0.01	14.71 0.54 -0.01	18.40 0.67 -0.01	17.24 0.68 0.00	21.97 1.09 0.00	23.16 1.06 0.00	15.05 0.79 0.59	15.22 0.91 3.31	9.77 0.58 1.91	10.58 0.57 0.81	17.44 1.00 3.57	20.22 1.09 3.19	20.78 0.95 0.75	27.62 1.14 0.00	41.11 1.56 0.00	40.12 1.33 0.00	40.86 1.37 0.00	29.12 1.09 0.00
ASTORIA_GT2_3 24096	24.70 0.98 0.00	17.38 0.74 0.00	23.54 1.07 -0.01	19.78 0.88 -0.01	21.55 0.88 -0.01	23.97 0.95 0.00	15.90 0.60 -0.01	14.71 0.54 -0.01	18.40 0.67 -0.01	17.24 0.68 0.00	21.97 1.09 0.00	23.16 1.06 0.00	15.05 0.79 0.59	15.22 0.91 3.31	9.77 0.58 1.91	10.58 0.57 0.81	17.44 1.00 3.57	20.22 1.09 3.19	20.78 0.95 0.75	27.62 1.14 0.00	41.11 1.56 0.00	40.12 1.33 0.00	40.86 1.37 0.00	29.12 1.09 0.00
ASTORIA_GT2_4 24097	24.70 0.98 0.00	17.38 0.74 0.00	23.54 1.07 -0.01	19.78 0.88 -0.01	21.55 0.88 -0.01	23.97 0.95 0.00	15.90 0.60 -0.01	14.71 0.54 -0.01	18.40 0.67 -0.01	17.24 0.68 0.00	21.97 1.09 0.00	23.16 1.06 0.00	15.05 0.79 0.59	15.22 0.91 3.31	9.77 0.58 1.91	10.58 0.57 0.81	17.44 1.00 3.57	20.22 1.09 3.19	20.78 0.95 0.75	27.62 1.14 0.00	41.11 1.56 0.00	40.12 1.33 0.00	40.86 1.37 0.00	29.12 1.09 0.00
ASTORIA_GT3_1 24098	24.70 0.98 0.00	17.38 0.74 0.00	23.54 1.07 -0.01	19.78 0.88 -0.01	21.55 0.88 -0.01	23.97 0.95 0.00	15.90 0.60 -0.01	14.71 0.54 -0.01	18.40 0.67 -0.01	17.24 0.68 0.00	21.97 1.09 0.00	23.16 1.06 0.00	15.05 0.79 0.59	15.22 0.91 3.31	9.77 0.58 1.91	10.58 0.57 0.81	17.44 1.00 3.57	20.22 1.09 3.19	20.78 0.95 0.75	27.62 1.14 0.00	41.11 1.56 0.00	40.12 1.33 0.00	40.86 1.37 0.00	29.12 1.09 0.00
ASTORIA_GT3_2 24099	24.70 0.98 0.00	17.38 0.74 0.00	23.54 1.07 -0.01	19.78 0.88 -0.01	21.55 0.88 -0.01	23.97 0.95 0.00	15.90 0.60 -0.01	14.71 0.54 -0.01	18.40 0.67 -0.01	17.24 0.68 0.00	21.97 1.09 0.00	23.16 1.06 0.00	15.05 0.79 0.59	15.22 0.91 3.31	9.77 0.58 1.91	10.58 0.57 0.81	17.44 1.00 3.57	20.22 1.09 3.19	20.78 0.95 0.75	27.62 1.14 0.00	41.11 1.56 0.00	40.12 1.33 0.00	40.86 1.37 0.00	29.12 1.09 0.00
ASTORIA_GT3_3 24100	24.70 0.98 0.00	17.38 0.74 0.00	23.54 1.07 -0.01	19.78 0.88 -0.01	21.55 0.88 -0.01	23.97 0.95 0.00	15.90 0.60 -0.01	14.71 0.54 -0.01	18.40 0.67 -0.01	17.24 0.68 0.00	21.97 1.09 0.00	23.16 1.06 0.00	15.05 0.79 0.59	15.22 0.91 3.31	9.77 0.58 1.91	10.58 0.57 0.81	17.44 1.00 3.57	20.22 1.09 3.19	20.78 0.95 0.75	27.62 1.14 0.00	41.11 1.56 0.00	40.12 1.33 0.00	40.86 1.37 0.00	29.12 1.09 0.00
ASTORIA_GT3_4 24101	24.70 0.98 0.00	17.38 0.74 0.00	23.54 1.07 -0.01	19.78 0.88 -0.01	21.55 0.88 -0.01	23.97 0.95 0.00	15.90 0.60 -0.01	14.71 0.54 -0.01	18.40 0.67 -0.01	17.24 0.68 0.00	21.97 1.09 0.00	23.16 1.06 0.00	15.05 0.79 0.59	15.22 0.91 3.31	9.77 0.58 1.91	10.58 0.57 0.81	17.44 1.00 3.57	20.22 1.09 3.19	20.78 0.95 0.75	27.62 1.14 0.00	41.11 1.56 0.00	40.12 1.33 0.00	40.86 1.37 0.00	29.12 1.09 0.00
ASTORIA_GT4_1 24102	24.70 0.98 0.00	17.38 0.74 0.00	23.54 1.07 -0.01	19.78 0.88 -0.01	21.55 0.88 -0.01	23.97 0.95 0.00	15.90 0.60 -0.01	14.71 0.54 -0.01	18.40 0.67 -0.01	17.24 0.68 0.00	21.97 1.09 0.00	23.16 1.06 0.00	15.05 0.79 0.59	15.22 0.91 3.31	9.77 0.58 1.91	10.58 0.57 0.81	17.44 1.00 3.57	20.22 1.09 3.19	20.78 0.95 0.75	27.62 1.14 0.00	41.11 1.56 0.00	40.12 1.33 0.00	40.86 1.37 0.00	29.12 1.09 0.00
ASTORIA_GT4_2 24103	24.70 0.98 0.00	17.38 0.74 0.00	23.54 1.07 -0.01	19.78 0.88 -0.01	21.55 0.88 -0.01	23.97 0.95 0.00	15.90 0.60 -0.01	14.71 0.54 -0.01	18.40 0.67 -0.01	17.24 0.68 0.00	21.97 1.09 0.00	23.16 1.06 0.00	15.05 0.79 0.59	15.22 0.91 3.31	9.77 0.58 1.91	10.58 0.57 0.81	17.44 1.00 3.57	20.22 1.09 3.19	20.78 0.95 0.75	27.62 1.14 0.00	41.11 1.56 0.00	40.12 1.33 0.00	40.86 1.37 0.00	29.12 1.09 0.00
ASTORIA_GT4_3 24104	24.70 0.98 0.00	17.38 0.74 0.00	23.54 1.07 -0.01	19.78 0.88 -0.01	21.55 0.88 -0.01	23.97 0.95 0.00	15.90 0.60 -0.01	14.71 0.54 -0.01	18.40 0.67 -0.01	17.24 0.68 0.00	21.97 1.09 0.00	23.16 1.06 0.00	15.05 0.79 0.59	15.22 0.91 3.31	9.77 0.58 1.91	10.58 0.57 0.81	17.44 1.00 3.57	20.22 1.09 3.19	20.78 0.95 0.75	27.62 1.14 0.00	41.11 1.56 0.00	40.12 1.33 0.00	40.86 1.37 0.00	29.12 1.09 0.00

ASTORIA_GT4_4 24105	24.70 0.98 0.00	17.38 0.74 0.00	23.54 1.07 -0.01	19.78 0.88 -0.01	21.55 0.88 -0.01	23.97 0.95 0.00	15.90 0.60 -0.01	14.71 0.54 -0.01	18.40 0.67 -0.01	17.24 0.68 0.00	21.97 1.09 0.00	23.16 1.06 0.00	15.05 0.79 0.59	15.22 0.91 3.31	9.77 0.58 1.91	10.58 0.57 0.81	17.44 1.00 3.57	20.22 1.09 3.19	20.78 0.95 0.75	27.62 1.14 0.00	41.11 1.56 0.00	40.12 1.33 0.00	40.86 1.37 0.00	29.12 1.09 0.00
ASTORIA_GT_1 23523	24.73 1.00 0.00	17.39 0.75 0.00	23.56 1.10 -0.01	19.80 0.90 -0.01	21.57 0.90 -0.01	23.99 0.97 0.00	15.92 0.61 -0.01	14.72 0.55 -0.01	18.42 0.69 -0.01	17.26 0.70 0.00	21.99 1.12 0.00	23.19 1.09 0.00	15.07 0.81 0.59	15.24 0.93 3.31	9.79 0.60 1.91	10.59 0.58 0.81	17.46 1.03 3.57	20.25 1.12 3.19	20.80 0.98 0.75	27.66 1.18 0.00	41.16 1.60 0.00	40.17 1.37 0.00	40.90 1.41 0.00	29.16 1.13 0.00
ASTORIA_GT_10 24110	24.78 1.05 0.00	17.43 0.79 0.00	23.61 1.15 -0.01	19.85 0.95 -0.01	21.62 0.94 -0.01	24.04 1.01 0.00	15.99 0.69 -0.01	14.80 0.63 -0.01	18.51 0.78 -0.01	17.32 0.76 0.00	21.97 1.09 0.00	23.21 1.11 0.00	15.09 0.83 0.59	15.27 0.96 3.31	9.81 0.62 1.91	10.63 0.61 0.81	17.51 1.07 3.57	20.29 1.16 3.19	20.88 1.06 0.75	27.75 1.27 0.00	41.30 1.74 0.00	40.30 1.50 0.00	40.99 1.50 0.00	29.23 1.21 0.00
ASTORIA_GT_11 24225	24.78 1.05 0.00	17.43 0.79 0.00	23.61 1.15 -0.01	19.85 0.95 -0.01	21.62 0.94 -0.01	24.04 1.01 0.00	15.99 0.69 -0.01	14.80 0.63 -0.01	18.51 0.78 -0.01	17.32 0.76 0.00	21.97 1.09 0.00	23.21 1.11 0.00	15.09 0.83 0.59	15.27 0.96 3.31	9.81 0.62 1.91	10.63 0.61 0.81	17.51 1.07 3.57	20.29 1.16 3.19	20.88 1.06 0.75	27.75 1.27 0.00	41.30 1.74 0.00	40.30 1.50 0.00	40.99 1.50 0.00	29.23 1.21 0.00
ASTORIA_GT_12 24226	24.78 1.05 0.00	17.43 0.79 0.00	23.61 1.15 -0.01	19.85 0.95 -0.01	21.62 0.94 -0.01	24.04 1.01 0.00	15.99 0.69 -0.01	14.80 0.63 -0.01	18.51 0.78 -0.01	17.32 0.76 0.00	21.97 1.09 0.00	23.21 1.11 0.00	15.09 0.83 0.59	15.27 0.96 3.31	9.81 0.62 1.91	10.63 0.61 0.81	17.51 1.07 3.57	20.29 1.16 3.19	20.88 1.06 0.75	27.75 1.27 0.00	41.30 1.74 0.00	40.30 1.50 0.00	40.99 1.50 0.00	29.23 1.21 0.00
ASTORIA_GT_13 24227	24.78 1.05 0.00	17.43 0.79 0.00	23.61 1.15 -0.01	19.85 0.95 -0.01	21.62 0.94 -0.01	24.04 1.01 0.00	15.99 0.69 -0.01	14.80 0.63 -0.01	18.51 0.78 -0.01	17.32 0.76 0.00	21.97 1.09 0.00	23.21 1.11 0.00	15.09 0.83 0.59	15.27 0.96 3.31	9.81 0.62 1.91	10.63 0.61 0.81	17.51 1.07 3.57	20.29 1.16 3.19	20.88 1.06 0.75	27.75 1.27 0.00	41.30 1.74 0.00	40.30 1.50 0.00	40.99 1.50 0.00	29.23 1.21 0.00
ASTORIA_GT_5 24106	24.73 1.00 0.00	17.39 0.75 0.00	23.56 1.10 -0.01	19.80 0.90 -0.01	21.57 0.90 -0.01	23.99 0.97 0.00	15.92 0.61 -0.01	14.72 0.55 -0.01	18.42 0.69 -0.01	17.26 0.70 0.00	21.99 1.12 0.00	23.19 1.09 0.00	15.07 0.81 0.59	15.24 0.93 3.31	9.79 0.60 1.91	10.59 0.58 0.81	17.46 1.03 3.57	20.25 1.12 3.19	20.80 0.98 0.75	27.66 1.18 0.00	41.16 1.60 0.00	40.17 1.37 0.00	40.90 1.41 0.00	29.16 1.13 0.00
ASTORIA_GT_7 24107	24.73 1.00 0.00	17.39 0.75 0.00	23.56 1.10 -0.01	19.80 0.90 -0.01	21.57 0.90 -0.01	23.99 0.97 0.00	15.92 0.61 -0.01	14.72 0.55 -0.01	18.42 0.69 -0.01	17.26 0.70 0.00	21.99 1.12 0.00	23.19 1.09 0.00	15.07 0.81 0.59	15.24 0.93 3.31	9.79 0.60 1.91	10.59 0.58 0.81	17.46 1.03 3.57	20.25 1.12 3.19	20.80 0.98 0.75	27.66 1.18 0.00	41.16 1.60 0.00	40.17 1.37 0.00	40.90 1.41 0.00	29.16 1.13 0.00
ASTORIA_GT_8 24108	24.73 1.00 0.00	17.39 0.75 0.00	23.56 1.10 -0.01	19.80 0.90 -0.01	21.57 0.90 -0.01	23.99 0.97 0.00	15.92 0.61 -0.01	14.72 0.55 -0.01	18.42 0.69 -0.01	17.26 0.70 0.00	21.99 1.12 0.00	23.19 1.09 0.00	15.07 0.81 0.59	15.24 0.93 3.31	9.79 0.60 1.91	10.59 0.58 0.81	17.46 1.03 3.57	20.25 1.12 3.19	20.80 0.98 0.75	27.66 1.18 0.00	41.16 1.60 0.00	40.17 1.37 0.00	40.90 1.41 0.00	29.16 1.13 0.00
ASTORIA___2 24149	24.70 0.97 0.00	17.38 0.74 0.00	23.54 1.07 -0.01	19.78 0.88 -0.01	21.55 0.87 -0.01	23.97 0.94 0.00	15.90 0.60 -0.01	14.70 0.54 -0.01	18.40 0.67 -0.01	17.24 0.68 0.00	21.97 1.09 0.00	23.16 1.06 0.00	15.05 0.79 0.59	15.23 0.92 3.31	9.77 0.58 1.91	10.58 0.57 0.81	17.44 1.01 3.57	20.23 1.10 3.19	20.77 0.94 0.75	27.62 1.14 0.00	41.11 1.55 0.00	40.12 1.32 0.00	40.85 1.36 0.00	29.12 1.09 0.00
ASTORIA___3 23516	24.78 1.05 0.00	17.43 0.79 0.00	23.61 1.15 -0.01	19.85 0.95 -0.01	21.62 0.95 -0.01	24.03 1.01 0.00	15.99 0.69 -0.01	14.80 0.63 -0.01	18.51 0.78 -0.01	17.31 0.76 0.00	21.97 1.09 0.00	23.20 1.10 0.00	15.09 0.83 0.59	15.28 0.97 3.31	9.81 0.62 1.91	10.63 0.62 0.81	17.51 1.07 3.57	20.29 1.16 3.19	20.88 1.05 0.75	27.75 1.27 0.00	41.29 1.73 0.00	40.30 1.50 0.00	40.99 1.50 0.00	29.23 1.21 0.00
ASTORIA___4 23517	24.78 1.05 0.00	17.43 0.79 0.00	23.61 1.15 -0.01	19.85 0.95 -0.01	21.62 0.94 -0.01	24.04 1.01 0.00	15.99 0.69 -0.01	14.80 0.63 -0.01	18.51 0.78 -0.01	17.32 0.76 0.00	21.97 1.09 0.00	23.21 1.11 0.00	15.09 0.83 0.59	15.27 0.96 3.31	9.81 0.62 1.91	10.63 0.61 0.81	17.51 1.07 3.57	20.29 1.16 3.19	20.88 1.06 0.75	27.75 1.27 0.00	41.30 1.74 0.00	40.30 1.50 0.00	40.99 1.50 0.00	29.23 1.21 0.00
ASTORIA___5 23518	24.78 1.05 0.00	17.43 0.79 0.00	23.61 1.15 -0.01	19.85 0.95 -0.01	21.62 0.95 -0.01	24.03 1.01 0.00	15.99 0.69 -0.01	14.80 0.63 -0.01	18.51 0.78 -0.01	17.31 0.76 0.00	21.97 1.09 0.00	23.20 1.10 0.00	15.09 0.83 0.59	15.28 0.97 3.31	9.81 0.62 1.91	10.63 0.62 0.81	17.51 1.07 3.57	20.29 1.16 3.19	20.88 1.05 0.75	27.75 1.27 0.00	41.29 1.73 0.00	40.30 1.50 0.00	40.99 1.50 0.00	29.23 1.21 0.00
AST_ENERGY_2_CC3 323677	24.74 1.01 0.00	17.39 0.76 0.00	23.52 1.06 0.00	19.77 0.88 0.00	21.53 0.86 0.00	23.95 0.93 0.00	15.92 0.62 0.00	14.72 0.56 0.00	18.43 0.70 0.00	17.24 0.68 0.00	21.90 1.02 0.00	23.16 1.06 0.00	15.03 0.77 0.59	15.21 0.90 3.31	9.77 0.58 1.91	10.59 0.58 0.81	17.43 1.00 3.57	20.21 1.08 3.19	20.82 0.99 0.75	27.67 1.19 0.00	41.22 1.66 0.00	40.22 1.42 0.00	40.87 1.38 0.00	29.10 1.08 0.00
AST_ENERGY_2_CC4 323678	24.74 1.01 0.00	17.39 0.76 0.00	23.52 1.06 0.00	19.77 0.88 0.00	21.53 0.86 0.00	23.95 0.93 0.00	15.92 0.62 0.00	14.72 0.56 0.00	18.43 0.70 0.00	17.24 0.68 0.00	21.90 1.02 0.00	23.16 1.06 0.00	15.03 0.77 0.59	15.21 0.90 3.31	9.77 0.58 1.91	10.59 0.58 0.81	17.43 1.00 3.57	20.21 1.08 3.19	20.82 0.99 0.75	27.67 1.19 0.00	41.22 1.66 0.00	40.22 1.42 0.00	40.87 1.38 0.00	29.10 1.08 0.00

ATHENS_STG_1 23668	24.09 0.37 0.00	16.93 0.30 0.00	22.94 0.49 0.00	19.29 0.40 0.00	21.05 0.38 0.00	23.43 0.40 0.00	15.53 0.23 0.00	14.37 0.21 0.00	17.96 0.23 0.00	16.77 0.22 0.00	21.19 0.32 0.00	22.43 0.33 0.00	14.59 0.26 0.52	14.99 0.31 0.294	9.61 0.20 0.169	10.31 0.20 0.072	17.20 0.36 0.317	19.85 0.36 0.283	20.25 0.34 0.066	26.87 0.39 0.000	40.12 0.56 0.000	39.25 0.46 0.000	39.92 0.43 0.000	28.38 0.35 0.000
ATHENS_STG_2 23670	24.09 0.37 0.00	16.93 0.30 0.00	22.94 0.49 0.00	19.29 0.40 0.00	21.05 0.38 0.00	23.43 0.40 0.00	15.53 0.23 0.00	14.37 0.21 0.00	17.96 0.23 0.00	16.77 0.22 0.00	21.19 0.32 0.00	22.43 0.33 0.00	14.59 0.26 0.52	14.99 0.31 0.294	9.61 0.20 0.169	10.31 0.20 0.072	17.20 0.36 0.317	19.85 0.36 0.283	20.25 0.34 0.066	26.87 0.39 0.000	40.12 0.56 0.000	39.25 0.46 0.000	39.92 0.43 0.000	28.38 0.35 0.000
ATHENS_STG_3 23677	24.09 0.37 0.00	16.93 0.30 0.00	22.94 0.49 0.00	19.29 0.40 0.00	21.05 0.38 0.00	23.43 0.40 0.00	15.53 0.23 0.00	14.37 0.21 0.00	17.96 0.23 0.00	16.77 0.22 0.00	21.19 0.32 0.00	22.43 0.33 0.00	14.59 0.26 0.52	14.99 0.31 0.294	9.61 0.20 0.169	10.31 0.20 0.072	17.20 0.36 0.317	19.85 0.36 0.283	20.25 0.34 0.066	26.87 0.39 0.000	40.12 0.56 0.000	39.25 0.46 0.000	39.92 0.43 0.000	28.38 0.35 0.000
AUBURN___LFGE 323710	23.01 -0.71 0.00	16.13 -0.50 0.00	21.81 -0.65 0.00	18.32 -0.58 0.00	20.03 -0.64 0.00	22.31 -0.71 0.00	14.81 -0.49 0.00	13.70 -0.46 0.00	17.20 -0.53 0.00	16.04 -0.52 0.00	20.27 -0.66 -0.005	21.53 -0.74 -0.017	9.06 -0.61 0.517	-13.39 -0.65 0.3036	-6.77 -0.36 0.1750	3.05 -0.35 0.743	-13.42 -0.71 0.3272	-7.75 -0.80 0.2927	13.11 -0.61 0.685	25.63 -0.85 0.000	38.51 -1.10 -0.005	38.10 -1.07 -0.037	38.40 -1.10 0.000	27.20 -0.83 0.000
BABYLON_RES_REC 323704	25.19 1.46 0.00	17.55 0.91 0.00	23.76 1.31 0.00	19.96 1.06 0.00	21.69 1.02 0.00	24.15 1.12 0.00	16.00 0.70 0.00	14.77 0.61 0.00	18.43 0.71 0.00	17.27 0.71 0.00	22.13 1.25 0.00	23.38 1.27 0.00	15.20 0.95 0.59	15.32 1.01 0.331	9.77 0.58 0.191	10.66 0.65 0.081	17.51 1.07 0.357	20.29 1.16 0.319	20.87 1.05 0.075	27.78 1.30 0.000	41.56 2.00 0.000	40.54 1.74 0.000	41.22 1.73 0.000	29.30 1.28 0.000
BALL_HILL_WT_PWR 323825	13.74 -2.03 7.96	12.74 -1.49 2.41	13.63 -1.91 6.91	15.48 -1.72 1.70	18.04 -1.91 0.72	14.51 -2.09 6.42	11.92 -1.46 1.92	5.74 -1.28 7.14	9.00 -1.50 7.22	13.50 -1.44 1.62	16.60 -1.82 2.45	17.61 -1.89 2.60	9.65 -1.44 3.76	-0.44 -1.17 16.90	0.08 -0.74 10.29	2.66 -0.84 7.32	0.28 -1.52 18.20	4.29 -1.77 16.26	10.51 -1.73 8.33	20.66 -2.27 3.55	34.15 -3.22 2.19	30.90 -2.92 4.97	36.64 -2.39 0.46	26.01 -1.82 0.20
BARON_WINDS___WT_PWR 323822	-37.73 -1.90 59.55	-2.78 -1.38 18.03	-31.10 -1.82 51.73	4.54 -1.60 12.76	13.52 -1.74 5.41	-26.94 -1.92 48.04	-0.37 -1.34 14.33	-40.43 -1.16 53.43	-37.77 -1.44 54.05	3.06 -1.39 12.11	1.61 -1.80 17.46	3.39 -1.97 16.75	7.39 -1.37 6.09	-6.59 -1.47 22.74	-7.00 -0.93 17.17	-19.49 -0.92 29.40	-6.24 -1.77 24.48	-1.15 -1.93 21.53	-20.03 -1.64 38.96	-2.19 -2.07 26.59	23.89 -3.21 12.45	9.79 -3.01 26.00	37.24 -2.59 -0.35	26.31 -1.87 -0.15
BARRETT_IC_1 23704	294.49 1.07 -269.70	79.58 0.70 -62.25	23.52 1.06 -0.01	40.14 0.88 -20.37	21.49 0.80 -0.02	23.90 0.88 0.00	15.80 0.50 0.00	14.59 0.43 0.00	18.22 0.49 0.00	17.11 0.54 -0.01	101.03 1.10 -79.05	85.35 1.14 -62.11	77.82 0.82 -62.15	16.49 0.87 1.99	9.77 0.52 1.85	15.18 0.59 -3.77	22.87 0.93 -1.93	20.19 0.95 3.08	20.62 0.79 0.75	27.42 0.94 0.00	40.98 1.42 0.00	39.98 1.18 0.00	40.67 1.18 0.00	28.96 0.92 -0.01
BARRETT_IC_10 23701	98.91 1.07 -74.12	34.44 0.70 -17.11	23.52 1.06 0.00	25.37 0.88 -5.60	21.48 0.80 0.00	23.90 0.88 0.00	15.80 0.50 0.00	14.59 0.43 0.00	18.22 0.49 0.00	17.10 0.54 -21.71	43.69 1.10 -17.06	40.30 1.14 -16.65	32.31 0.82 -16.65	15.54 0.87 2.95	9.72 0.52 1.89	15.04 0.59 -3.63	18.89 0.93 2.05	20.11 0.95 3.16	20.62 0.79 0.75	27.42 0.94 0.00	40.98 1.42 0.00	39.98 1.18 0.00	40.67 1.18 0.00	28.95 0.92 0.00
BARRETT_IC_11 23702	98.91 1.07 -74.12	34.44 0.70 -17.11	23.52 1.06 0.00	25.37 0.88 -5.60	21.48 0.80 0.00	23.90 0.88 0.00	15.80 0.50 0.00	14.59 0.43 0.00	18.22 0.49 0.00	17.10 0.54 -21.71	43.69 1.10 -17.06	40.30 1.14 -16.65	32.31 0.82 -16.65	15.54 0.87 2.95	9.72 0.52 1.89	15.04 0.59 -3.63	18.89 0.93 2.05	20.11 0.95 3.16	20.62 0.79 0.75	27.42 0.94 0.00	40.98 1.42 0.00	39.98 1.18 0.00	40.67 1.18 0.00	28.95 0.92 0.00
BARRETT_IC_12 23703	98.91 1.07 -74.12	34.44 0.70 -17.11	23.52 1.06 0.00	25.37 0.88 -5.60	21.48 0.80 0.00	23.90 0.88 0.00	15.80 0.50 0.00	14.59 0.43 0.00	18.22 0.49 0.00	17.10 0.54 -21.71	43.69 1.10 -17.06	40.30 1.14 -16.65	32.31 0.82 -16.65	15.54 0.87 2.95	9.72 0.52 1.89	15.04 0.59 -3.63	18.89 0.93 2.05	20.11 0.95 3.16	20.62 0.79 0.75	27.42 0.94 0.00	40.98 1.42 0.00	39.98 1.18 0.00	40.67 1.18 0.00	28.95 0.92 0.00
BARRETT_IC_2 23705	294.49 1.07 -269.70	79.58 0.70 -62.25	23.52 1.06 -0.01	40.14 0.88 -20.37	21.49 0.80 -0.02	23.90 0.88 0.00	15.80 0.50 0.00	14.59 0.43 0.00	18.22 0.49 0.00	17.11 0.54 -0.01	101.03 1.10 -79.05	85.35 1.14 -62.11	77.82 0.82 -62.15	16.49 0.87 1.99	9.77 0.52 1.85	15.18 0.59 -3.77	22.87 0.93 -1.93	20.19 0.95 3.08	20.62 0.79 0.75	27.42 0.94 0.00	40.98 1.42 0.00	39.98 1.18 0.00	40.67 1.18 0.00	28.96 0.92 -0.01
BARRETT_IC_3 23706	294.49 1.07 -269.70	79.58 0.70 -62.25	23.52 1.06 -0.01	40.14 0.88 -20.37	21.49 0.80 -0.02	23.90 0.88 0.00	15.80 0.50 0.00	14.59 0.43 0.00	18.22 0.49 0.00	17.11 0.54 -0.01	101.03 1.10 -79.05	85.35 1.14 -62.11	77.82 0.82 -62.15	16.49 0.87 1.99	9.77 0.52 1.85	15.18 0.59 -3.77	22.87 0.93 -1.93	20.19 0.95 3.08	20.62 0.79 0.75	27.42 0.94 0.00	40.98 1.42 0.00	39.98 1.18 0.00	40.67 1.18 0.00	28.96 0.92 -0.01
BARRETT_IC_4 23707	294.49 1.07 -269.70	79.58 0.70 -62.25	23.52 1.06 -0.01	40.14 0.88 -20.37	21.49 0.80 -0.02	23.90 0.88 0.00	15.80 0.50 0.00	14.59 0.43 0.00	18.22 0.49 0.00	17.11 0.54 -0.01	101.03 1.10 -79.05	85.35 1.14 -62.11	77.82 0.82 -62.15	16.49 0.87 1.99	9.77 0.52 1.85	15.18 0.59 -3.77	22.87 0.93 -1.93	20.19 0.95 3.08	20.62 0.79 0.75	27.42 0.94 0.00	40.98 1.42 0.00	39.98 1.18 0.00	40.67 1.18 0.00	28.96 0.92 -0.01
BARRETT_IC_5 23708	294.49 1.07 -269.70	79.58 0.70 -62.25	23.52 1.06 -0.01	40.14 0.88 -20.37	21.49 0.80 -0.02	23.90 0.88 0.00	15.80 0.50 0.00	14.59 0.43 0.00	18.22 0.49 0.00	17.11 0.54 -0.01	101.03 1.10 -79.05	85.35 1.14 -62.11	77.82 0.82 -62.15	16.49 0.87 1.99	9.77 0.52 1.85	15.18 0.59 -3.77	22.87 0.93 -1.93	20.19 0.95 3.08	20.62 0.79 0.75	27.42 0.94 0.00	40.98 1.42 0.00	39.98 1.18 0.00	40.67 1.18 0.00	28.96 0.92 -0.01

BARRETT_IC_6 23709	294.49 1.07 -269.70	79.58 0.70 -62.25	23.52 1.06 -0.01	40.14 0.88 -20.37	21.49 0.80 -0.02	23.90 0.88 0.00	15.80 0.50 0.00	14.59 0.43 0.00	18.22 0.49 0.00	17.11 0.54 -0.01	101.03 1.10 -79.05	85.35 1.14 -62.11	77.82 0.82 -62.15	16.49 0.87 1.99	9.77 0.52 1.85	15.18 0.59 -3.77	22.87 0.93 -1.93	20.19 0.95 3.08	20.62 0.79 0.75	27.42 0.94 0.00	40.98 1.42 0.00	39.98 1.18 0.00	40.67 1.18 0.00	28.96 0.92 -0.01
BARRETT_IC_7 23710	294.49 1.07 -269.70	79.58 0.70 -62.25	23.53 1.07 -0.01	40.14 0.88 -20.37	21.49 0.80 -0.02	23.90 0.88 0.00	15.80 0.50 0.00	14.59 0.43 0.00	18.22 0.50 0.00	17.11 0.55 -0.01	101.03 1.10 -79.05	85.35 1.14 -62.11	77.82 0.82 -62.15	16.49 0.86 1.99	9.77 0.52 1.85	15.20 0.61 -3.77	22.89 0.95 -1.93	20.18 0.95 3.08	20.62 0.79 0.75	27.42 0.95 0.00	40.99 1.44 0.00	39.98 1.18 0.00	40.68 1.19 0.00	28.96 0.92 -0.01
BARRETT_IC_8 23711	294.49 1.07 -269.70	79.58 0.70 -62.25	23.52 1.06 -0.01	40.14 0.88 -20.37	21.49 0.80 -0.02	23.90 0.88 0.00	15.80 0.50 0.00	14.59 0.43 0.00	18.22 0.49 0.00	17.11 0.54 -0.01	101.03 1.10 -79.05	85.35 1.14 -62.11	77.82 0.82 -62.15	16.49 0.87 1.99	9.77 0.52 1.85	15.18 0.59 -3.77	22.87 0.93 -1.93	20.19 0.95 3.08	20.62 0.79 0.75	27.42 0.94 0.00	40.98 1.42 0.00	39.98 1.18 0.00	40.67 1.18 0.00	28.96 0.92 -0.01
BARRETT_IC_9 23700	98.91 1.07 -74.12	34.44 0.70 -17.11	23.52 1.06 0.00	25.37 0.88 -5.60	21.48 0.80 0.00	23.90 0.88 0.00	15.80 0.50 0.00	14.59 0.43 0.00	18.22 0.49 0.00	17.10 0.54 0.00	43.69 1.10 -21.71	40.30 1.14 -17.06	32.31 0.82 -16.65	15.54 0.87 2.95	9.72 0.52 1.89	15.04 0.59 -3.63	18.89 0.93 2.05	20.11 0.95 3.16	20.62 0.79 0.75	27.42 0.94 0.00	40.98 1.42 0.00	39.98 1.18 0.00	40.67 1.18 0.00	28.95 0.92 0.00
BARRETT___1 23545	294.49 1.07 -269.70	79.58 0.70 -62.25	23.52 1.06 -0.01	40.14 0.88 -20.37	21.49 0.80 -0.02	23.90 0.88 0.00	15.80 0.50 0.00	14.59 0.43 0.00	18.22 0.49 0.00	17.11 0.54 -0.01	101.03 1.10 -79.05	85.35 1.14 -62.11	77.82 0.82 -62.15	16.49 0.87 1.99	9.77 0.52 1.85	15.18 0.59 -3.77	22.87 0.93 -1.93	20.19 0.95 3.08	20.62 0.79 0.75	27.42 0.94 0.00	40.98 1.42 0.00	39.98 1.18 0.00	40.67 1.18 0.00	28.96 0.92 -0.01
BARRETT___2 23546	98.91 1.07 -74.12	34.44 0.70 -17.11	23.52 1.06 0.00	25.37 0.88 -5.60	21.48 0.80 0.00	23.90 0.88 0.00	15.80 0.50 0.00	14.59 0.43 0.00	18.22 0.49 0.00	17.10 0.54 0.00	43.69 1.10 -21.71	40.30 1.14 -17.06	32.31 0.82 -16.65	15.54 0.87 2.95	9.72 0.52 1.89	15.04 0.59 -3.63	18.89 0.93 2.05	20.11 0.95 3.16	20.62 0.79 0.75	27.42 0.94 0.00	40.98 1.42 0.00	39.98 1.18 0.00	40.67 1.18 0.00	28.95 0.92 0.00
BATAVIA___115KV_TB1 55881	17.00 -1.46 5.27	13.89 -1.15 1.60	16.39 -1.48 4.58	16.41 -1.35 1.13	18.69 -1.50 0.48	17.14 -1.63 4.26	12.91 -1.12 1.27	8.47 -0.96 4.73	11.79 -1.15 4.78	14.35 -1.14 1.07	17.75 -1.49 1.64	18.83 -1.51 1.76	10.14 -1.22 3.49	0.11 -0.99 16.52	0.62 -0.60 9.88	4.00 -0.67 6.15	1.15 -1.06 17.80	5.22 -1.20 15.89	12.61 -1.25 6.72	22.32 -1.80 2.36	35.85 -2.50 1.21	33.55 -2.29 2.96	37.71 -1.78 0.00	26.56 -1.47 0.00
BAYONEEC___CTG1 323682	24.78 1.06 0.00	17.41 0.78 0.00	23.53 1.08 0.00	19.78 0.88 0.00	21.54 0.87 0.00	23.95 0.93 0.00	15.93 0.64 0.00	14.74 0.58 0.00	18.45 0.73 0.00	17.27 0.71 0.00	21.92 1.04 0.00	23.18 1.08 0.00	15.04 0.79 0.59	15.23 0.92 3.31	9.78 0.59 1.91	10.61 0.59 0.81	17.46 1.02 3.57	20.24 1.11 3.19	20.85 1.03 0.75	27.72 1.24 0.00	41.29 1.73 0.00	40.30 1.51 0.00	40.97 1.48 0.00	29.15 1.12 0.00
BAYONEEC___CTG10 323750	24.78 1.06 0.00	17.41 0.78 0.00	23.53 1.08 0.00	19.78 0.88 0.00	21.54 0.87 0.00	23.95 0.93 0.00	15.93 0.64 0.00	14.74 0.58 0.00	18.45 0.73 0.00	17.27 0.71 0.00	21.92 1.04 0.00	23.18 1.08 0.00	15.04 0.79 0.59	15.23 0.92 3.31	9.78 0.59 1.91	10.61 0.59 0.81	17.46 1.02 3.57	20.24 1.11 3.19	20.85 1.03 0.75	27.72 1.24 0.00	41.29 1.73 0.00	40.30 1.51 0.00	40.97 1.48 0.00	29.15 1.12 0.00
BAYONEEC___CTG2 323683	24.78 1.06 0.00	17.41 0.78 0.00	23.53 1.08 0.00	19.78 0.88 0.00	21.54 0.87 0.00	23.95 0.93 0.00	15.93 0.64 0.00	14.74 0.58 0.00	18.45 0.73 0.00	17.27 0.71 0.00	21.92 1.04 0.00	23.18 1.08 0.00	15.04 0.79 0.59	15.23 0.92 3.31	9.78 0.59 1.91	10.61 0.59 0.81	17.46 1.02 3.57	20.24 1.11 3.19	20.85 1.03 0.75	27.72 1.24 0.00	41.29 1.73 0.00	40.30 1.51 0.00	40.97 1.48 0.00	29.15 1.12 0.00
BAYONEEC___CTG3 323684	24.78 1.06 0.00	17.41 0.78 0.00	23.53 1.08 0.00	19.78 0.88 0.00	21.54 0.87 0.00	23.95 0.93 0.00	15.93 0.64 0.00	14.74 0.58 0.00	18.45 0.73 0.00	17.27 0.71 0.00	21.92 1.04 0.00	23.18 1.08 0.00	15.04 0.79 0.59	15.23 0.92 3.31	9.78 0.59 1.91	10.61 0.59 0.81	17.46 1.02 3.57	20.24 1.11 3.19	20.85 1.03 0.75	27.72 1.24 0.00	41.29 1.73 0.00	40.30 1.51 0.00	40.97 1.48 0.00	29.15 1.12 0.00
BAYONEEC___CTG4 323685	24.78 1.06 0.00	17.41 0.78 0.00	23.53 1.08 0.00	19.78 0.88 0.00	21.54 0.87 0.00	23.95 0.93 0.00	15.93 0.64 0.00	14.74 0.58 0.00	18.45 0.73 0.00	17.27 0.71 0.00	21.92 1.04 0.00	23.18 1.08 0.00	15.04 0.79 0.59	15.23 0.92 3.31	9.78 0.59 1.91	10.61 0.59 0.81	17.46 1.02 3.57	20.24 1.11 3.19	20.85 1.03 0.75	27.72 1.24 0.00	41.29 1.73 0.00	40.30 1.51 0.00	40.97 1.48 0.00	29.15 1.12 0.00
BAYONEEC___CTG5 323686	24.78 1.06 0.00	17.41 0.78 0.00	23.53 1.08 0.00	19.78 0.88 0.00	21.54 0.87 0.00	23.95 0.93 0.00	15.93 0.64 0.00	14.74 0.58 0.00	18.45 0.73 0.00	17.27 0.71 0.00	21.92 1.04 0.00	23.18 1.08 0.00	15.04 0.79 0.59	15.23 0.92 3.31	9.78 0.59 1.91	10.61 0.59 0.81	17.46 1.02 3.57	20.24 1.11 3.19	20.85 1.03 0.75	27.72 1.24 0.00	41.29 1.73 0.00	40.30 1.51 0.00	40.97 1.48 0.00	29.15 1.12 0.00
BAYONEEC___CTG6 323687	24.78 1.06 0.00	17.41 0.78 0.00	23.53 1.08 0.00	19.78 0.88 0.00	21.54 0.87 0.00	23.95 0.93 0.00	15.93 0.64 0.00	14.74 0.58 0.00	18.45 0.73 0.00	17.27 0.71 0.00	21.92 1.04 0.00	23.18 1.08 0.00	15.04 0.79 0.59	15.23 0.92 3.31	9.78 0.59 1.91	10.61 0.59 0.81	17.46 1.02 3.57	20.24 1.11 3.19	20.85 1.03 0.75	27.72 1.24 0.00	41.29 1.73 0.00	40.30 1.51 0.00	40.97 1.48 0.00	29.15 1.12 0.00
BAYONEEC___CTG7 323688	24.78 1.06 0.00	17.41 0.78 0.00	23.53 1.08 0.00	19.78 0.88 0.00	21.54 0.87 0.00	23.95 0.93 0.00	15.93 0.64 0.00	14.74 0.58 0.00	18.45 0.73 0.00	17.27 0.71 0.00	21.92 1.04 0.00	23.18 1.08 0.00	15.04 0.79 0.59	15.23 0.92 3.31	9.78 0.59 1.91	10.61 0.59 0.81	17.46 1.02 3.57	20.24 1.11 3.19	20.85 1.03 0.75	27.72 1.24 0.00	41.29 1.73 0.00	40.30 1.51 0.00	40.97 1.48 0.00	29.15 1.12 0.00

BAYONEEC___CTG8 323689	24.78 1.06 0.00	17.41 0.78 0.00	23.53 1.08 0.00	19.78 0.88 0.00	21.54 0.87 0.00	23.95 0.93 0.00	15.93 0.64 0.00	14.74 0.58 0.00	18.45 0.73 0.00	17.27 0.71 0.00	21.92 1.04 0.00	23.18 1.08 0.00	15.04 0.79 0.59	15.23 0.92 3.31	9.78 0.59 1.91	10.61 0.59 0.81	17.46 1.02 3.57	20.24 1.11 3.19	20.85 1.03 0.75	27.72 1.24 0.00	41.29 1.73 0.00	40.30 1.51 0.00	40.97 1.48 0.00	29.15 1.12 0.00
BAYONEEC___CTG9 323749	24.78 1.06 0.00	17.41 0.78 0.00	23.53 1.08 0.00	19.78 0.88 0.00	21.54 0.87 0.00	23.95 0.93 0.00	15.93 0.64 0.00	14.74 0.58 0.00	18.45 0.73 0.00	17.27 0.71 0.00	21.92 1.04 0.00	23.18 1.08 0.00	15.04 0.79 0.59	15.23 0.92 3.31	9.78 0.59 1.91	10.61 0.59 0.81	17.46 1.02 3.57	20.24 1.11 3.19	20.85 1.03 0.75	27.72 1.24 0.00	41.29 1.73 0.00	40.30 1.51 0.00	40.97 1.48 0.00	29.15 1.12 0.00
BEACON___LESR 323632	24.04 0.32 0.00	16.91 0.27 0.00	22.92 0.46 0.00	19.25 0.36 0.00	21.02 0.36 0.00	23.39 0.37 0.00	15.53 0.23 0.00	14.36 0.20 0.00	17.93 0.21 0.00	16.69 0.13 0.00	21.09 0.21 0.00	22.32 0.23 0.00	14.60 0.17 0.42	15.47 0.20 2.35	9.89 0.14 1.35	10.42 0.17 0.57	17.78 0.31 2.53	20.37 0.32 2.26	20.33 0.29 0.53	26.80 0.33 0.00	40.04 0.48 0.00	39.16 0.37 0.00	39.76 0.26 0.00	28.26 0.23 0.00
BEAVER RIVER___HYD 24048	23.54 -0.19 0.00	16.49 -0.14 0.00	22.24 -0.22 0.00	18.69 -0.21 0.00	20.43 -0.24 0.00	22.80 -0.22 0.00	15.21 -0.09 0.00	14.05 -0.11 0.00	17.56 -0.17 0.00	16.41 -0.15 0.00	20.62 -0.26 0.00	21.73 -0.37 0.00	11.75 -0.37 2.72	1.72 -0.60 15.31	1.87 -0.41 8.83	6.66 -0.41 3.75	2.90 -0.61 16.49	7.14 -0.42 14.75	16.81 -0.31 3.45	26.33 -0.15 0.00	39.44 -0.12 0.00	38.73 -0.07 0.00	39.12 -0.37 0.00	27.60 -0.43 0.00
BEEBEE_GT_13 23619	22.26 -1.47 0.00	15.56 -1.08 0.00	21.02 -1.43 0.00	17.66 -1.24 0.00	19.31 -1.37 0.00	21.46 -1.56 0.00	14.25 -1.04 0.00	13.22 -0.94 0.00	16.61 -1.11 0.00	15.51 -1.05 0.00	19.46 -1.33 0.09	20.45 -1.39 0.27	10.60 -1.05 3.19	0.74 -0.93 15.94	1.33 -0.58 9.19	6.32 -0.60 3.90	1.76 -1.06 17.18	5.72 -1.23 15.37	15.74 -1.24 3.60	24.87 -1.62 0.00	37.19 -2.29 0.08	36.05 -2.16 0.59	37.62 -1.87 0.00	26.56 -1.47 0.00
BENSHRST_27_KV_BENSHRST_1 355998	24.85 1.13 0.00	17.53 0.89 0.00	23.84 1.38 -0.01	20.04 1.14 -0.01	21.82 1.14 -0.01	24.27 1.25 0.00	16.14 0.84 -0.01	14.93 0.76 -0.01	18.69 0.96 -0.01	17.45 0.90 0.00	22.12 1.24 0.00	23.40 1.30 0.00	15.20 0.94 0.59	15.40 1.09 3.31	9.90 0.71 1.91	10.71 0.70 0.81	17.64 1.21 3.57	20.47 1.34 3.19	21.07 1.24 0.75	28.01 1.53 0.00	41.69 2.13 0.00	40.68 1.88 0.00	41.38 1.89 0.00	29.44 1.41 0.00
BETHLEHEM___GRP 23843	23.65 -0.07 0.00	16.65 0.02 0.00	22.55 0.09 0.00	18.98 0.08 0.00	20.72 0.05 0.00	23.05 0.03 0.00	15.28 -0.02 0.00	14.14 -0.02 0.00	17.65 -0.07 0.00	16.42 -0.14 0.00	20.75 -0.13 0.00	21.96 -0.14 0.00	14.38 -0.04 0.42	15.20 -0.08 2.34	9.71 -0.04 1.35	10.22 -0.03 0.57	17.43 -0.05 2.53	19.98 -0.08 2.26	19.91 -0.13 0.53	26.27 -0.21 0.00	39.25 -0.31 0.00	38.47 -0.33 0.00	39.09 -0.41 0.00	27.82 -0.21 0.00
BETHLEHEM___GS1 323560	23.65 -0.07 0.00	16.65 0.02 0.00	22.55 0.09 0.00	18.98 0.08 0.00	20.72 0.05 0.00	23.05 0.03 0.00	15.28 -0.02 0.00	14.14 -0.02 0.00	17.65 -0.08 0.00	16.42 -0.14 0.00	20.75 -0.13 0.00	21.96 -0.13 0.00	14.38 -0.04 0.42	15.21 -0.07 2.34	9.71 -0.04 1.35	10.23 -0.03 0.57	17.44 -0.04 2.53	19.98 -0.08 2.26	19.91 -0.13 0.53	26.27 -0.21 0.00	39.25 -0.31 0.00	38.47 -0.33 0.00	39.08 -0.41 0.00	27.82 -0.21 0.00
BETHLEHEM___GS2 323561	23.65 -0.07 0.00	16.65 0.02 0.00	22.55 0.09 0.00	18.98 0.08 0.00	20.72 0.05 0.00	23.05 0.03 0.00	15.28 -0.02 0.00	14.14 -0.02 0.00	17.65 -0.08 0.00	16.42 -0.14 0.00	20.75 -0.13 0.00	21.96 -0.13 0.00	14.38 -0.04 0.42	15.21 -0.07 2.34	9.71 -0.04 1.35	10.23 -0.03 0.57	17.44 -0.04 2.53	19.98 -0.08 2.26	19.91 -0.13 0.53	26.27 -0.21 0.00	39.25 -0.31 0.00	38.47 -0.33 0.00	39.08 -0.41 0.00	27.82 -0.21 0.00
BETHLEHEM___GS3 323562	23.65 -0.07 0.00	16.65 0.02 0.00	22.55 0.09 0.00	18.98 0.08 0.00	20.72 0.05 0.00	23.05 0.03 0.00	15.28 -0.02 0.00	14.14 -0.02 0.00	17.65 -0.08 0.00	16.42 -0.14 0.00	20.75 -0.13 0.00	21.96 -0.13 0.00	14.38 -0.04 0.42	15.21 -0.07 2.34	9.71 -0.04 1.35	10.23 -0.03 0.57	17.44 -0.04 2.53	19.98 -0.08 2.26	19.91 -0.13 0.53	26.27 -0.21 0.00	39.25 -0.31 0.00	38.47 -0.33 0.00	39.08 -0.41 0.00	27.82 -0.21 0.00
BETHLEHEM___STEEL 23779	12.31 -2.03 9.39	12.29 -1.50 2.84	12.34 -1.95 8.15	15.15 -1.73 2.01	17.91 -1.91 0.85	13.31 -2.14 7.57	11.57 -1.47 2.26	4.44 -1.29 8.42	7.66 -1.54 8.52	13.17 -1.48 1.91	16.17 -1.85 2.86	17.23 -1.90 2.98	9.61 -1.44 3.80	-0.54 -1.17 17.00	-0.07 -0.73 10.44	2.11 -0.80 7.92	0.25 -1.45 18.31	4.30 -1.69 16.32	9.67 -1.73 9.17	19.97 -2.32 4.19	34.13 -3.32 2.11	30.84 -3.04 4.92	37.03 -2.46 0.00	26.12 -1.91 0.00
BETHLHEM_115KV_TB1 79974	23.71 -0.01 0.00	16.69 0.05 0.00	22.61 0.15 0.00	19.02 0.13 0.00	20.76 0.09 0.00	23.11 0.08 0.00	15.32 0.03 0.00	14.17 0.01 0.00	17.69 -0.03 0.00	16.47 -0.09 0.00	20.81 -0.07 0.00	22.02 -0.08 0.00	14.42 -0.01 0.42	15.25 -0.03 2.35	9.74 -0.01 1.35	10.25 0.00 0.57	17.48 0.00 2.53	20.03 -0.03 2.26	19.98 -0.07 0.53	26.36 -0.12 0.00	39.37 -0.19 0.00	38.58 -0.21 0.00	39.21 -0.28 0.00	27.90 -0.13 0.00
BETHPAGE_CC_5 323564	34.86 1.43 -9.71	19.78 0.90 -2.24	23.75 1.29 0.00	20.69 1.06 -0.73	21.70 1.02 0.00	24.15 1.13 0.00	16.00 0.70 0.00	14.78 0.62 0.00	18.46 0.73 0.00	17.30 0.74 0.00	25.00 1.28 -2.85	25.66 1.33 -2.24	17.49 0.97 -1.67	15.40 1.04 3.26	9.79 0.60 1.91	10.90 0.68 0.60	17.74 1.11 3.37	20.28 1.15 3.19	20.86 1.03 0.75	27.76 1.28 0.00	41.51 1.95 0.00	40.48 1.68 0.00	41.16 1.67 0.00	29.31 1.29 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	12.92 -1.96 8.84	12.50 -1.45 2.68	12.89 -1.89 7.68	15.34 -1.66 1.89	18.03 -1.84 0.80	13.84 -2.05 7.13	11.76 -1.41 2.13	4.99 -1.24 7.94	8.22 -1.47 8.03	13.34 -1.41 1.80	16.40 -1.77 2.71	17.45 -1.81 2.84	9.67 -1.37 3.80	-0.49 -1.10 17.01	0.00 -0.69 10.41	2.36 -0.76 7.70	0.31 -1.38 18.32	4.38 -1.60 16.34	10.06 -1.66 8.86	20.31 -2.22 3.95	34.40 -3.16 2.00	31.20 -2.88 4.72	37.18 -2.31 0.00	26.22 -1.81 0.00
BINGHAMTON___COGEN 23790	23.14 -0.58 0.00	16.23 -0.41 0.00	22.01 -0.45 0.00	18.48 -0.42 0.00	20.17 -0.50 0.00	22.48 -0.54 0.00	14.87 -0.42 0.00	13.81 -0.35 0.00	17.30 -0.43 0.00	16.12 -0.44 0.00	20.24 -0.58 0.07	21.27 -0.63 0.20	10.80 -0.46 3.59	-1.49 -0.41 18.70	0.06 -0.26 10.78	6.00 -0.25 4.58	-0.67 -0.52 20.15	3.69 -0.60 18.03	15.85 -0.51 4.22	25.85 -0.63 0.00	38.50 -1.00 0.06	37.35 -1.00 0.44	38.59 -0.90 0.00	27.40 -0.63 0.00

BIXINCNT_115KV_LOAD 355685	15.61 -2.26 5.85	13.25 -1.62 1.77	15.45 -1.92 5.08	15.92 -1.72 1.25	18.35 -1.79 0.53	16.40 -1.90 4.72	12.58 -1.31 1.41	7.79 -1.12 5.25	11.09 -1.32 5.31	14.04 -1.32 1.19	17.37 -1.64 1.86	18.35 -1.65 2.09	9.76 -1.26 3.83	-0.51 -1.10 17.03	0.13 -0.75 10.22	3.53 -0.79 6.51	0.17 -1.49 18.35	4.30 -1.63 16.39	11.74 -1.67 7.17	21.64 -2.23 2.61	35.09 -3.09 1.39	32.69 -2.51 3.60	37.50 -1.99 0.00	26.47 -1.56 0.00
BLACK RIVER___HYD 24047	23.56 -0.16 0.00	16.50 -0.13 0.00	22.27 -0.19 0.00	18.72 -0.18 0.00	20.47 -0.20 0.00	22.81 -0.21 0.00	15.19 -0.11 0.00	14.03 -0.13 0.00	17.48 -0.24 0.00	16.37 -0.19 0.00	20.54 -0.34 0.00	21.60 -0.50 0.00	10.31 -0.50 4.04	-5.79 -0.70 22.71	-2.42 -0.42 13.09	4.86 -0.40 5.56	-4.98 -0.51 24.47	0.08 -0.35 21.89	15.17 -0.28 5.12	26.41 -0.06 0.00	39.66 0.10 0.00	38.93 0.14 0.00	39.33 -0.16 0.00	27.72 -0.31 0.00
BLACKRVR_115KV_TB2 79977	23.56 -0.16 0.00	16.50 -0.13 0.00	22.27 -0.19 0.00	18.72 -0.18 0.00	20.47 -0.20 0.00	22.81 -0.21 0.00	15.19 -0.11 0.00	14.03 -0.13 0.00	17.48 -0.24 0.00	16.37 -0.19 0.00	20.54 -0.34 0.00	21.60 -0.50 0.00	10.31 -0.50 4.04	-5.78 -0.69 22.71	-2.42 -0.42 13.09	4.87 -0.40 5.56	-4.98 -0.51 24.47	0.08 -0.35 21.89	15.17 -0.28 5.12	26.41 -0.07 0.00	39.66 0.10 0.00	38.93 0.13 0.00	39.33 -0.16 0.00	27.72 -0.31 0.00
BLDWN_LI_69_KV_BK4 356085	99.42 1.32 -74.38	34.64 0.84 -17.17	23.68 1.22 0.00	25.52 1.01 -5.62	21.63 0.96 0.00	24.07 1.05 0.00	15.94 0.64 0.00	14.73 0.57 0.00	18.39 0.67 0.00	17.25 0.69 0.00	43.91 1.23 -21.80	40.54 1.31 -17.13	32.50 0.94 -16.71	15.67 1.00 2.95	9.79 0.59 1.89	12.04 0.68 -0.54	19.04 1.09 2.05	20.31 1.15 3.16	20.84 1.01 0.75	27.72 1.24 0.00	41.45 1.89 0.00	40.42 1.62 0.00	41.11 1.62 0.00	29.24 1.22 0.00
BLISS_WT_PWR 323608	15.44 -2.43 5.85	13.12 -1.75 1.77	15.31 -2.06 5.08	15.80 -1.84 1.25	18.24 -1.90 0.53	16.32 -1.98 4.72	12.52 -1.37 1.41	7.74 -1.17 5.25	11.04 -1.37 5.31	13.99 -1.37 1.19	17.32 -1.69 1.86	18.30 -1.71 2.09	9.71 -1.31 3.83	-0.60 -1.19 17.03	0.05 -0.83 10.22	3.46 -0.86 6.51	0.03 -1.62 18.35	4.18 -1.74 16.40	11.66 -1.74 7.17	21.52 -2.34 2.61	34.53 -3.22 1.80	31.93 -2.57 4.29	36.95 -2.04 0.50	26.22 -1.60 0.22
BLUESTONE___WT_PWR 323821	23.73 0.00 0.00	16.54 -0.09 0.00	22.47 0.01 0.00	18.77 -0.12 0.00	20.34 -0.33 0.00	22.82 -0.20 0.00	14.99 -0.31 0.00	13.79 -0.37 0.00	17.45 -0.27 0.00	16.22 -0.33 0.00	20.47 -0.49 -0.09	21.80 -0.57 -0.26	11.78 -0.52 2.55	0.70 -0.60 16.32	1.27 -0.43 9.41	6.42 -0.41 3.99	1.55 -0.87 17.59	5.84 -0.75 15.73	16.42 -0.48 3.68	25.88 -0.60 0.00	38.91 -0.73 -0.08	38.23 -1.16 -0.59	38.58 -0.92 0.00	27.17 -0.86 0.00
BLUE_CIRC_CHEM_DRP 24182	23.95 0.23 0.00	16.85 0.22 0.00	22.83 0.38 0.00	19.21 0.32 0.00	20.99 0.31 0.00	23.35 0.33 0.00	15.48 0.18 0.00	14.31 0.15 0.00	17.87 0.15 0.00	16.63 0.08 0.00	20.97 0.09 0.00	22.21 0.11 0.00	14.49 0.07 0.43	15.29 0.08 2.41	9.77 0.06 1.39	10.31 0.08 0.59	17.58 0.17 2.60	20.18 0.18 2.33	20.19 0.15 0.54	26.66 0.18 0.00	39.85 0.29 0.00	39.06 0.26 0.00	39.68 0.19 0.00	28.22 0.19 0.00
BOC_GAS_DRP 24189	23.86 0.13 0.00	16.78 0.15 0.00	22.72 0.27 0.00	19.12 0.23 0.00	20.88 0.21 0.00	23.23 0.21 0.00	15.40 0.11 0.00	14.25 0.09 0.00	17.81 0.08 0.00	16.61 0.05 0.00	20.95 0.08 0.00	22.19 0.09 0.00	14.52 0.09 0.42	15.37 0.10 2.35	9.81 0.07 1.36	10.32 0.07 0.57	17.60 0.13 2.53	20.17 0.12 2.27	20.15 0.10 0.53	26.57 0.09 0.00	39.69 0.14 0.00	38.89 0.09 0.00	39.55 0.06 0.00	28.12 0.09 0.00
BOONVILLE_115KV_TB1 79983	23.85 0.13 0.00	16.73 0.10 0.00	22.59 0.14 0.00	18.99 0.10 0.00	20.77 0.10 0.00	23.15 0.13 0.00	15.39 0.09 0.00	14.24 0.09 0.00	17.83 0.10 0.00	16.64 0.08 0.00	20.95 0.08 0.00	22.14 0.04 0.00	12.83 -0.03 1.98	6.34 -0.15 11.13	4.56 -0.11 6.42	7.99 -0.11 2.73	7.86 -0.15 12.00	11.58 -0.01 10.73	18.13 0.07 2.51	26.69 0.21 0.00	39.96 0.40 0.00	39.16 0.37 0.00	39.68 0.19 0.00	28.06 0.03 0.00
BORALEX_4TH_BRANCH 23824	24.14 0.42 0.00	17.07 0.43 0.00	23.19 0.73 0.00	19.53 0.63 0.00	21.33 0.66 0.00	23.74 0.72 0.00	15.71 0.42 0.00	14.50 0.34 0.00	18.07 0.35 0.00	16.86 0.30 0.00	21.14 0.26 0.00	22.38 0.28 0.00	14.67 0.23 0.41	15.59 0.28 2.30	9.94 0.17 1.33	10.41 0.15 0.56	17.85 0.33 2.48	20.45 0.35 2.22	20.42 0.37 0.52	26.89 0.41 0.00	40.25 0.69 0.00	39.50 0.70 0.00	40.14 0.65 0.00	28.53 0.50 0.00
BOWLINE___1 23526	24.60 0.87 0.00	17.28 0.64 0.00	23.35 0.90 0.00	19.62 0.73 0.00	21.38 0.71 0.00	23.79 0.77 0.00	15.81 0.52 0.00	14.63 0.47 0.00	18.30 0.57 0.00	17.12 0.57 0.00	21.70 0.82 0.00	22.97 0.87 0.00	14.87 0.63 0.61	14.97 0.76 3.41	9.62 0.48 1.96	10.48 0.49 0.83	17.16 0.83 3.67	19.94 0.91 3.28	20.64 0.84 0.77	27.50 1.02 0.00	41.01 1.46 0.00	40.03 1.23 0.00	40.69 1.20 0.00	28.91 0.88 0.00
BOWLINE___2 23595	24.60 0.87 0.00	17.28 0.64 0.00	23.35 0.90 0.00	19.63 0.73 0.00	21.38 0.71 0.00	23.79 0.77 0.00	15.81 0.52 0.00	14.63 0.47 0.00	18.31 0.58 0.00	17.12 0.57 0.00	21.71 0.83 0.00	22.98 0.88 0.00	14.88 0.64 0.61	14.97 0.76 3.41	9.62 0.49 1.96	10.48 0.49 0.83	17.17 0.84 3.67	19.95 0.91 3.28	20.66 0.85 0.77	27.51 1.03 0.00	41.03 1.47 0.00	40.04 1.25 0.00	40.71 1.22 0.00	28.91 0.88 0.00
BRADY___115KV_TB2 356060	24.14 0.42 0.00	16.77 0.14 0.00	22.47 0.02 0.00	18.93 0.04 0.00	20.78 0.11 0.00	23.19 0.17 0.00	15.60 0.30 0.00	14.43 0.27 0.00	18.07 0.34 0.00	16.91 0.36 0.00	21.27 0.39 0.00	22.50 0.40 0.00	14.39 0.26 0.73	13.73 0.19 4.08	8.85 0.10 2.35	9.92 0.09 1.00	15.88 0.28 4.40	18.84 0.45 3.94	20.02 0.37 0.92	27.06 0.58 0.00	40.30 0.74 0.00	39.82 1.02 0.00	40.50 1.02 0.00	28.67 0.64 0.00
BRANSCOMB___SOLAR 323811	24.40 0.67 0.00	17.14 0.50 0.00	23.23 0.78 0.00	19.55 0.65 0.00	21.35 0.68 0.00	23.77 0.74 0.00	15.72 0.43 0.00	14.53 0.37 0.00	18.12 0.39 0.00	16.89 0.33 0.00	21.19 0.31 0.00	22.43 0.33 0.00	14.70 0.25 0.40	15.63 0.27 2.26	9.98 0.19 1.30	10.48 0.21 0.55	18.03 0.46 2.44	20.66 0.52 2.18	20.61 0.55 0.51	27.19 0.71 0.00	40.65 1.09 0.00	39.84 1.04 0.00	40.43 0.94 0.00	28.70 0.67 0.00
BRDGHMPT_69_KV_BK1 55812	12.11 1.88 13.50	14.79 1.26 3.11	24.33 1.88 0.00	19.32 1.45 1.02	22.00 1.33 0.00	24.49 1.47 0.00	16.21 0.91 0.00	14.88 0.72 0.00	18.65 0.92 0.00	17.42 0.86 0.00	18.31 1.39 3.95	20.26 1.27 3.11	12.06 0.95 3.73	15.27 1.02 3.38	9.73 0.55 1.91	10.45 0.68 1.05	17.29 1.13 3.84	20.44 1.32 3.20	21.08 1.25 0.75	28.13 1.65 0.00	42.12 2.56 0.00	41.19 2.39 0.00	41.99 2.49 0.00	29.62 1.59 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	14.63 1.58 10.68	15.17 0.99 2.46	23.87 1.42 0.00	19.24 1.16 0.81	21.79 1.12 0.00	24.25 1.23 0.00	16.07 0.77 0.00	14.83 0.67 0.00	18.50 0.78 0.00	17.33 0.77 0.00	19.08 1.33 3.13	21.00 1.36 2.46	12.78 1.00 3.07	15.35 1.09 3.37	9.80 0.61 1.91	10.52 0.70 1.00	17.38 1.16 3.79	20.37 1.25 3.20	20.97 1.14 0.75	27.88 1.40 0.00	41.72 2.16 0.00	40.68 1.89 0.00	41.39 1.90 0.00	29.40 1.37 0.00
BRISTLHL_115KV_TB1 79998	22.65 -1.07 0.00	15.88 -0.76 0.00	21.46 -0.99 0.00	18.03 -0.86 0.00	19.71 -0.96 0.00	21.95 -1.07 0.00	14.56 -0.73 0.00	13.50 -0.66 0.00	16.90 -0.82 0.00	15.78 -0.77 0.00	19.90 -0.98 0.00	21.04 -1.06 0.00	7.20 -0.76 6.89	-21.97 -0.84 38.75	-11.76 -0.52 22.34	0.84 -0.50 9.48	-22.67 -0.93 41.75	-16.06 -1.03 37.35	10.90 -0.94 8.74	25.29 -1.19 0.00	37.83 -1.73 0.00	37.11 -1.69 0.00	37.85 -1.65 0.00	26.81 -1.22 0.00
BROOKHAVEN___DRP 24191	11.71 1.56 13.57	14.49 0.98 3.13	23.87 1.41 0.00	19.01 1.14 1.02	21.75 1.08 0.00	24.22 1.20 0.00	16.04 0.74 0.00	14.79 0.63 0.00	18.45 0.72 0.00	17.27 0.71 0.00	18.13 1.23 3.98	20.20 1.23 3.13	12.02 0.93 3.75	15.21 0.97 3.38	9.71 0.53 1.91	10.40 0.62 1.05	17.19 1.03 3.85	20.32 1.20 3.20	20.92 1.09 0.75	27.80 1.31 0.00	41.60 2.04 0.00	40.58 1.78 0.00	41.34 1.85 0.00	29.33 1.30 0.00
BROOKLYN_NAVY_YARD 23515	24.76 1.03 0.00	17.39 0.75 0.00	23.52 1.06 0.00	19.77 0.88 0.00	21.53 0.86 0.00	23.94 0.92 0.00	15.93 0.63 0.00	14.73 0.57 0.00	18.44 0.71 0.00	17.25 0.69 0.00	21.87 0.99 0.00	23.13 1.03 0.00	15.01 0.75 0.59	15.19 0.88 3.31	9.75 0.56 1.91	2.06 0.56 9.32	17.40 0.96 3.57	20.17 1.05 3.20	-191.78 0.95 213.30	27.62 1.15 0.01	41.16 1.61 0.01	31.66 1.37 8.51	23.85 1.37 17.01	29.12 1.09 0.00
BROOKLYN___ARMY_DRP 323595	24.75 1.03 0.00	17.46 0.82 0.00	23.75 1.29 -0.01	19.97 1.07 -0.01	21.74 1.06 -0.01	24.19 1.16 0.00	16.08 0.78 -0.01	14.88 0.71 -0.01	18.62 0.89 -0.01	17.38 0.82 0.00	22.02 1.15 0.00	23.30 1.19 0.00	15.13 0.87 0.59	15.31 1.00 3.31	9.84 0.65 1.91	10.66 0.65 0.81	17.55 1.11 3.57	20.36 1.23 3.19	20.97 1.14 0.75	27.88 1.40 0.00	41.49 1.94 0.00	40.49 1.69 0.00	41.19 1.70 0.00	29.32 1.29 0.00
BROOME_2_LFGE 323671	23.14 -0.59 0.00	16.22 -0.41 0.00	22.00 -0.45 0.00	18.47 -0.42 0.00	20.17 -0.50 0.00	22.48 -0.55 0.00	14.88 -0.42 0.00	13.81 -0.35 0.00	17.29 -0.43 0.00	16.12 -0.44 0.00	20.23 -0.58 0.07	21.26 -0.63 0.20	10.79 -0.47 3.59	-1.51 -0.43 18.70	0.06 -0.26 10.78	6.00 -0.25 4.58	-0.68 -0.53 20.15	3.68 -0.61 18.03	15.84 -0.52 4.22	25.85 -0.63 0.00	38.50 -1.00 0.06	37.35 -1.00 0.44	38.59 -0.90 0.00	27.40 -0.63 0.00
BROOME___LFGE 323600	23.14 -0.59 0.00	16.22 -0.41 0.00	22.00 -0.45 0.00	18.47 -0.42 0.00	20.17 -0.50 0.00	22.48 -0.55 0.00	14.88 -0.42 0.00	13.81 -0.35 0.00	17.29 -0.43 0.00	16.12 -0.44 0.00	20.23 -0.58 0.07	21.26 -0.63 0.20	10.79 -0.47 3.59	-1.51 -0.43 18.70	0.06 -0.26 10.78	6.00 -0.25 4.58	-0.68 -0.53 20.15	3.68 -0.61 18.03	15.84 -0.52 4.22	25.85 -0.63 0.00	38.50 -1.00 0.06	37.35 -1.00 0.44	38.59 -0.90 0.00	27.40 -0.63 0.00
BROWNFLS_115KV_TB 3_5 80003	23.43 -0.30 0.00	16.35 -0.29 0.00	21.97 -0.48 0.00	18.49 -0.41 0.00	20.24 -0.43 0.00	22.59 -0.43 0.00	15.13 -0.16 0.00	14.00 -0.16 0.00	17.51 -0.21 0.00	16.39 -0.16 0.00	20.61 -0.26 0.00	21.76 -0.34 0.00	12.61 -0.31 1.93	6.26 -0.52 10.84	4.49 -0.35 6.25	7.81 -0.36 2.65	7.80 -0.52 11.68	11.49 -0.38 10.45	17.79 -0.34 2.45	26.23 -0.25 0.00	39.18 -0.38 0.00	38.60 -0.20 0.00	39.10 -0.39 0.00	27.62 -0.41 0.00
BROWNSV1_27_KV_LOAD 356125	24.98 1.25 0.00	17.54 0.90 0.00	23.71 1.26 0.00	19.92 1.03 0.00	21.70 1.03 0.00	24.14 1.12 0.00	16.05 0.75 0.00	14.85 0.69 0.00	18.60 0.87 0.00	17.41 0.85 0.00	22.09 1.21 0.00	23.37 1.27 0.00	15.17 0.91 0.59	15.38 1.07 3.31	9.88 0.69 1.91	10.70 0.68 0.81	17.63 1.19 3.57	20.43 1.31 3.19	21.03 1.21 0.75	27.95 1.47 0.00	41.66 2.10 0.00	40.65 1.86 0.00	41.32 1.83 0.00	29.39 1.36 0.00
BURROWS___LYONSDAL 23803	23.76 0.03 0.00	16.67 0.04 0.00	22.51 0.06 0.00	18.92 0.02 0.00	20.68 0.01 0.00	23.06 0.04 0.00	15.34 0.05 0.00	14.20 0.04 0.00	17.76 0.04 0.00	16.58 0.03 0.00	20.87 -0.01 0.00	22.04 -0.06 0.00	12.60 -0.12 2.12	5.39 -0.28 11.95	4.01 -0.20 6.89	7.69 -0.20 2.92	6.81 -0.31 12.88	10.65 -0.15 11.52	17.83 -0.05 2.70	26.58 0.10 0.00	39.82 0.26 0.00	39.02 0.22 0.00	39.50 0.00 0.00	27.91 -0.12 0.00
CAITHNESS_CC_1 323624	11.59 1.50 13.63	14.43 0.94 3.15	23.81 1.36 0.00	18.95 1.09 1.03	21.71 1.04 0.00	24.17 1.15 0.00	16.01 0.71 0.00	14.76 0.60 0.00	18.41 0.69 0.00	17.24 0.68 0.00	18.08 1.20 4.00	20.16 1.20 3.14	12.00 0.91 3.76	15.20 0.95 3.38	9.70 0.52 1.91	10.38 0.61 1.05	17.15 0.99 3.85	20.28 1.16 3.20	20.87 1.04 0.75	27.73 1.25 0.00	41.48 1.92 0.00	40.46 1.67 0.00	41.23 1.74 0.00	29.26 1.23 0.00
CALPINE BETH_PAGE_GT4 24209	43.11 1.43 -17.96	21.69 0.91 -4.14	23.76 1.30 0.00	21.32 1.07 -1.36	21.70 1.03 0.00	24.15 1.13 0.00	16.00 0.70 0.00	14.79 0.63 0.00	18.47 0.74 0.00	17.31 0.75 0.00	27.43 1.29 -5.26	27.57 1.34 -4.14	19.41 0.97 -3.59	15.44 1.04 3.23	9.80 0.60 1.90	11.07 0.69 0.44	17.92 1.12 3.20	20.25 1.11 3.18	20.83 1.01 0.75	27.72 1.24 0.00	41.45 1.89 0.00	40.41 1.62 0.00	41.11 1.62 0.00	29.32 1.30 0.00
CALPINE_BETH_PAGE_GT_4 323586	43.11 1.42 -17.96	21.69 0.91 -4.14	23.75 1.30 0.00	21.32 1.07 -1.36	21.70 1.03 0.00	24.15 1.13 0.00	16.00 0.70 0.00	14.79 0.63 0.00	18.47 0.74 0.00	17.30 0.75 0.00	27.42 1.29 -5.26	27.57 1.34 -4.14	19.41 0.98 -3.59	15.44 1.05 3.23	9.80 0.61 1.90	11.07 0.69 0.44	17.91 1.11 3.20	20.26 1.12 3.18	20.83 1.01 0.75	27.72 1.24 0.00	41.45 1.89 0.00	40.41 1.61 0.00	41.10 1.61 0.00	29.32 1.29 0.00
CALPINE_BP_GT1 23823	43.11 1.42 -17.96	21.69 0.91 -4.14	23.75 1.30 0.00	21.32 1.07 -1.36	21.70 1.03 0.00	24.15 1.13 0.00	16.00 0.70 0.00	14.79 0.63 0.00	18.47 0.74 0.00	17.30 0.75 0.00	27.42 1.29 -5.26	27.57 1.34 -4.14	19.41 0.98 -3.59	15.44 1.05 3.23	9.80 0.61 1.90	11.07 0.69 0.44	17.91 1.11 3.20	20.26 1.12 3.18	20.83 1.01 0.75	27.72 1.24 0.00	41.45 1.89 0.00	40.41 1.61 0.00	41.10 1.61 0.00	29.32 1.29 0.00
CALSPAN___DRP 24200	12.31 -2.03 9.39	12.29 -1.50 2.84	12.34 -1.95 8.15	15.15 -1.73 2.01	17.91 -1.91 0.85	13.31 -2.14 7.57	11.57 -1.47 2.26	4.44 -1.29 8.42	7.66 -1.54 8.52	13.17 -1.48 1.91	16.17 -1.85 2.86	17.23 -1.90 2.98	9.61 -1.44 3.80	-0.54 -1.17 17.00	-0.07 -0.73 10.44	2.11 -0.80 7.92	0.25 -1.45 18.31	4.30 -1.69 16.32	9.67 -1.73 9.17	19.97 -2.32 4.19	34.13 -3.32 2.11	30.84 -3.04 4.92	37.03 -2.46 0.00	26.12 -1.91 0.00

CALVERTON___SOLAR 323806	11.80 1.63 13.55	14.54 1.03 3.13	23.94 1.48 0.00	19.06 1.19 1.02	21.81 1.14 0.00	24.27 1.25 0.00	16.08 0.78 0.00	14.81 0.66 0.00	18.48 0.76 0.00	17.29 0.73 0.00	18.16 1.26 3.97	20.22 1.24 3.12	12.05 0.94 3.74	15.24 0.99 3.38	9.72 0.54 1.91	10.41 0.64 1.05	17.21 1.05 3.85	20.38 1.25 3.20	20.97 1.14 0.75	27.88 1.40 0.00	41.72 2.16 0.00	40.70 1.90 0.00	41.46 1.97 0.00	29.40 1.37 0.00
CANDIGU_WT_PWR 323617	-37.73 -1.90 59.55	-2.78 -1.38 18.03	-31.10 -1.82 51.73	4.54 -1.60 12.76	13.52 -1.74 5.41	-26.94 -1.92 48.04	-0.37 -1.34 14.33	-40.43 -1.16 53.43	-37.77 -1.44 54.05	3.06 -1.39 12.11	1.61 -1.80 17.46	3.39 -1.97 16.75	7.39 -1.37 6.09	-6.59 -1.47 22.74	-7.00 -0.93 17.17	-19.49 -0.92 29.40	-6.24 -1.77 24.48	-1.15 -1.93 21.53	-20.03 -1.64 38.96	-2.19 -2.07 26.59	23.89 -3.21 12.45	9.79 -3.01 26.00	37.24 -2.59 -0.35	26.31 -1.87 -0.15
CARR STREET_E_SYR 24060	22.94 -0.78 0.00	16.08 -0.55 0.00	21.76 -0.69 0.00	18.28 -0.61 0.00	19.97 -0.70 0.00	22.25 -0.77 0.00	14.76 -0.54 0.00	13.68 -0.48 0.00	17.14 -0.58 0.00	15.99 -0.56 0.00	20.16 -0.72 0.00	21.32 -0.78 0.00	8.44 -0.57 5.84	-15.80 -0.60 32.82	-8.19 -0.37 18.92	2.43 -0.36 8.03	-16.05 -0.69 35.37	-10.12 -0.80 31.64	12.41 -0.77 7.40	25.51 -0.97 0.00	38.13 -1.43 0.00	37.46 -1.33 0.00	38.33 -1.16 0.00	27.17 -0.86 0.00
CARTHAGE___PAPER 23857	23.70 -0.02 0.00	16.60 -0.03 0.00	22.39 -0.07 0.00	18.82 -0.08 0.00	20.58 -0.09 0.00	22.96 -0.06 0.00	15.30 0.01 0.00	14.13 -0.03 0.00	17.63 -0.10 0.00	16.49 -0.06 0.00	20.70 -0.18 0.00	21.79 -0.31 0.00	10.95 -0.36 3.53	-2.78 -0.55 19.84	-0.70 -0.36 11.44	5.61 -0.36 4.86	-1.83 -0.45 21.38	2.95 -0.24 19.13	15.93 -0.16 4.48	26.55 0.07 0.00	39.82 0.26 0.00	39.10 0.30 0.00	39.48 -0.01 0.00	27.84 -0.19 0.00
CASSADAGA_WT_PWR 323784	15.77 -2.06 5.90	13.35 -1.50 1.79	15.42 -1.91 5.12	15.85 -1.78 1.26	18.13 -2.00 0.54	16.15 -2.12 4.76	12.41 -1.47 1.42	7.57 -1.30 5.29	10.92 -1.45 5.35	14.01 -1.35 1.20	17.33 -1.68 1.87	18.24 -1.77 2.09	9.66 -1.38 3.80	-0.56 -1.22 16.96	0.07 -0.85 10.18	3.40 -0.92 6.51	0.10 -1.64 18.27	4.15 -1.84 16.33	11.69 -1.71 7.18	21.69 -2.16 2.63	34.97 -2.79 1.80	32.22 -2.32 4.26	37.23 -1.78 0.49	26.40 -1.43 0.21
CE_DUNWOOD___DRP 24194	24.70 0.98 0.00	17.35 0.71 0.00	23.47 1.01 0.00	19.72 0.83 0.00	21.49 0.82 0.00	23.91 0.88 0.00	15.88 0.59 0.00	14.70 0.53 0.00	18.38 0.66 0.00	17.20 0.65 0.00	21.82 0.94 0.00	23.09 0.99 0.00	14.97 0.72 0.59	15.15 0.84 3.32	9.73 0.54 1.91	10.55 0.54 0.81	17.36 0.94 3.58	20.14 1.02 3.20	20.77 0.94 0.75	27.62 1.14 0.00	41.19 1.63 0.00	40.20 1.41 0.00	40.86 1.37 0.00	29.05 1.02 0.00
CE_MILLWOOD___DRP 24193	24.66 0.93 0.00	17.32 0.68 0.00	23.43 0.97 0.00	19.69 0.79 0.00	21.45 0.78 0.00	23.86 0.84 0.00	15.86 0.56 0.00	14.68 0.52 0.00	18.36 0.63 0.00	17.17 0.62 0.00	21.77 0.90 0.00	23.04 0.94 0.00	14.94 0.68 0.59	15.10 0.81 3.33	9.70 0.52 1.92	10.53 0.52 0.81	17.31 0.89 3.59	20.08 0.97 3.21	20.73 0.90 0.75	27.58 1.10 0.00	41.13 1.57 0.00	40.14 1.35 0.00	40.80 1.30 0.00	29.00 0.97 0.00
CE_NYC2_DRP 24202	24.79 1.06 0.00	17.44 0.80 0.00	23.62 1.16 -0.01	19.86 0.96 -0.01	21.63 0.95 -0.01	24.05 1.03 0.00	16.00 0.69 -0.01	14.80 0.63 -0.01	18.52 0.79 -0.01	17.32 0.77 0.00	21.98 1.10 0.00	23.23 1.12 0.00	15.09 0.83 0.59	15.28 0.97 3.31	9.81 0.62 1.91	10.63 0.62 0.81	17.52 1.08 3.57	20.30 1.17 3.19	20.90 1.07 0.75	27.77 1.29 0.00	41.34 1.78 0.00	40.34 1.54 0.00	41.03 1.54 0.00	29.24 1.21 0.00
CE_NYC_DRP 24195	24.82 1.09 0.00	17.43 0.80 0.00	23.57 1.11 0.00	19.81 0.92 0.00	21.58 0.91 0.00	24.01 0.98 0.00	15.96 0.66 0.00	14.77 0.61 0.00	18.49 0.76 0.00	17.30 0.75 0.00	21.96 1.08 0.00	23.23 1.13 0.00	15.07 0.81 0.59	15.26 0.95 3.31	9.80 0.61 1.91	10.63 0.61 0.81	17.49 1.06 3.57	20.28 1.15 3.19	20.89 1.07 0.75	27.77 1.29 0.00	41.38 1.82 0.00	40.38 1.59 0.00	41.05 1.56 0.00	29.20 1.17 0.00
CHAFFEE___LFGE 323603	14.27 -1.85 7.60	12.94 -1.39 2.30	14.06 -1.79 6.60	15.67 -1.60 1.63	18.20 -1.78 0.69	14.93 -1.96 6.13	12.11 -1.36 1.83	6.16 -1.18 6.82	9.44 -1.39 6.90	13.67 -1.34 1.55	16.85 -1.67 2.36	17.85 -1.72 2.53	9.72 -1.31 3.81	-0.43 -1.03 17.01	0.13 -0.64 10.33	2.90 -0.72 7.21	0.36 -1.31 18.33	4.44 -1.51 16.37	10.88 -1.54 8.16	21.00 -2.09 3.40	34.47 -2.97 2.12	31.19 -2.73 4.88	36.86 -2.18 0.45	26.10 -1.73 0.20
CHATEAUG_35_KV_LOAD 355732	24.08 0.35 0.00	16.80 0.16 0.00	22.51 0.05 0.00	18.94 0.05 0.00	20.77 0.10 0.00	23.16 0.14 0.00	15.49 0.19 0.00	14.35 0.19 0.00	18.02 0.30 0.00	16.90 0.34 0.00	21.26 0.38 0.00	22.48 0.38 0.00	14.60 0.24 0.49	15.05 0.18 2.75	9.62 0.10 1.58	10.27 0.12 0.67	17.34 0.30 2.96	20.06 0.39 2.65	20.23 0.27 0.62	26.80 0.32 0.00	39.93 0.37 0.00	39.41 0.61 0.00	40.17 0.68 0.00	28.45 0.42 0.00
CHATEAUG_WT_PWR 323614	24.05 0.32 0.00	16.78 0.15 0.00	22.50 0.04 0.00	18.93 0.04 0.00	20.76 0.09 0.00	23.14 0.12 0.00	15.47 0.17 0.00	14.34 0.18 0.00	17.99 0.27 0.00	16.87 0.31 0.00	21.24 0.36 0.00	22.47 0.37 0.00	14.66 0.24 0.43	15.42 0.20 2.40	9.83 0.11 1.38	10.35 0.11 0.59	17.72 0.30 2.58	20.38 0.37 2.31	20.30 0.26 0.54	26.75 0.27 0.00	39.83 0.27 0.00	39.30 0.51 0.00	40.08 0.59 0.00	28.39 0.37 0.00
CHAT_HIGH_FALL_HYD 323578	24.08 0.35 0.00	16.80 0.16 0.00	22.51 0.05 0.00	18.94 0.05 0.00	20.77 0.10 0.00	23.16 0.14 0.00	15.49 0.19 0.00	14.35 0.19 0.00	18.02 0.30 0.00	16.90 0.34 0.00	21.26 0.38 0.00	22.48 0.38 0.00	14.60 0.24 0.49	15.05 0.18 2.75	9.62 0.10 1.58	10.27 0.12 0.67	17.34 0.30 2.96	20.06 0.39 2.65	20.23 0.27 0.62	26.80 0.32 0.00	39.93 0.37 0.00	39.41 0.61 0.00	40.17 0.68 0.00	28.45 0.42 0.00
CHAUTAUQUA___LFGE 323629	14.46 -1.99 7.28	12.99 -1.45 2.20	14.28 -1.86 6.32	15.65 -1.69 1.56	18.13 -1.89 0.66	15.10 -2.06 5.87	12.11 -1.44 1.75	6.39 -1.25 6.53	9.68 -1.44 6.60	13.71 -1.37 1.48	16.86 -1.75 2.26	17.83 -1.84 2.43	9.65 -1.41 3.78	-0.50 -1.17 16.94	0.07 -0.77 10.26	2.92 -0.85 7.06	0.20 -1.55 18.25	4.24 -1.78 16.30	10.93 -1.68 7.96	21.08 -2.15 3.25	34.50 -2.99 2.06	31.40 -2.65 4.75	36.90 -2.13 0.47	26.19 -1.64 0.20
CHERRYST_13_KV_LD 356241	24.88 1.15 0.00	17.47 0.84 0.00	23.62 1.17 0.00	19.86 0.97 0.00	21.63 0.96 0.00	24.06 1.04 0.00	16.00 0.70 0.00	14.80 0.64 0.00	18.53 0.81 0.00	17.34 0.78 0.00	22.02 1.14 0.00	23.29 1.19 0.00	15.11 0.85 0.59	15.31 1.00 3.31	9.83 0.64 1.91	10.66 0.65 0.81	17.55 1.12 3.57	20.34 1.22 3.19	20.95 1.13 0.75	27.84 1.36 0.00	41.49 1.94 0.00	40.48 1.69 0.00	41.15 1.66 0.00	29.27 1.24 0.00

CHESTROR_138KV_BK263 355645	24.47 0.75 0.00	17.19 0.55 0.00	23.24 0.78 0.00	19.52 0.63 0.00	21.28 0.61 0.00	23.68 0.66 0.00	15.74 0.45 0.00	14.57 0.41 0.00	18.21 0.48 0.00	17.02 0.47 0.00	21.56 0.68 0.00	22.83 0.73 0.00	14.74 0.52 0.63	14.70 0.62 3.54	9.46 0.41 2.04	10.36 0.40 0.86	16.87 0.68 3.82	19.66 0.75 3.41	20.49 0.71 0.80	27.35 0.87 0.00	40.81 1.25 0.00	39.86 1.07 0.00	40.52 1.03 0.00	28.78 0.75 0.00
CH_MIDHUDSON___DRP 24192	24.66 0.93 0.00	17.33 0.69 0.00	23.44 0.98 0.00	19.70 0.80 0.00	21.47 0.80 0.00	23.89 0.87 0.00	15.86 0.57 0.00	14.68 0.52 0.00	18.35 0.63 0.00	17.16 0.60 0.00	21.75 0.87 0.00	23.02 0.92 0.00	14.92 0.65 0.58	15.14 0.78 3.26	9.72 0.50 1.88	10.53 0.50 0.80	17.37 0.88 3.51	20.14 0.96 3.14	20.74 0.90 0.73	27.58 1.10 0.00	41.16 1.60 0.00	40.19 1.40 0.00	40.84 1.35 0.00	29.01 0.98 0.00
CH_MISC_IPPS 23765	24.78 1.05 0.00	17.40 0.77 0.00	23.53 1.07 0.00	19.77 0.88 0.00	21.55 0.88 0.00	23.98 0.96 0.00	15.93 0.63 0.00	14.75 0.59 0.00	18.44 0.72 0.00	17.23 0.67 0.00	21.85 0.97 0.00	23.12 1.02 0.00	14.98 0.72 0.59	15.16 0.86 3.32	9.74 0.56 1.91	10.57 0.56 0.81	17.41 0.98 3.58	20.20 1.09 3.20	20.84 1.02 0.75	27.73 1.26 0.00	41.39 1.83 0.00	40.41 1.61 0.00	41.06 1.57 0.00	29.15 1.12 0.00
CH_RES_BVR_FALLS 23983	23.62 -0.10 0.00	16.55 -0.09 0.00	22.32 -0.13 0.00	18.80 -0.10 0.00	20.57 -0.10 0.00	22.92 -0.10 0.00	15.25 -0.05 0.00	14.12 -0.04 0.00	17.68 -0.04 0.00	16.53 -0.03 0.00	20.84 -0.04 0.00	22.06 -0.04 0.00	14.48 -0.04 0.32	15.70 -0.11 1.82	9.95 -0.11 1.05	10.27 -0.11 0.44	17.83 -0.21 1.96	20.36 -0.21 1.75	20.01 -0.16 0.41	26.36 -0.12 0.00	39.35 -0.21 0.00	38.65 -0.14 0.00	39.29 -0.20 0.00	27.88 -0.15 0.00
CH_RES_NIAGARA 23895	13.70 -2.52 7.50	12.46 -1.90 2.27	13.46 -2.48 6.52	15.10 -2.18 1.61	17.56 -2.43 0.68	14.28 -2.69 6.06	11.66 -1.83 1.81	5.79 -1.64 6.73	8.94 -1.97 6.81	13.12 -1.91 1.53	16.19 -2.39 2.30	17.24 -2.45 2.41	9.41 -1.84 3.59	-0.38 -1.53 16.47	0.14 -0.95 10.01	2.77 -1.02 7.03	0.42 -1.84 17.75	4.35 -2.13 15.83	10.30 -2.30 7.98	20.00 -3.13 3.35	33.34 -4.53 1.70	30.56 -4.24 4.00	35.92 -3.57 0.00	25.33 -2.70 0.00
CH_RES_SYRACUSE 23985	22.96 -0.76 0.00	16.10 -0.54 0.00	21.76 -0.69 0.00	18.28 -0.62 0.00	19.98 -0.69 0.00	22.26 -0.76 0.00	14.77 -0.53 0.00	13.69 -0.47 0.00	17.16 -0.57 0.00	16.01 -0.55 0.00	20.19 -0.69 0.00	21.34 -0.76 0.00	8.16 -0.56 6.12	-17.43 -0.61 34.44	-9.12 -0.36 19.86	2.04 -0.36 8.43	-17.79 -0.68 37.11	-11.64 -0.76 33.20	12.14 -0.67 7.77	25.62 -0.86 0.00	38.34 -1.22 0.00	37.60 -1.20 0.00	38.36 -1.13 0.00	27.17 -0.86 0.00
CLINTON_WT_PWR 323605	24.05 0.32 0.00	16.78 0.15 0.00	22.50 0.04 0.00	18.93 0.04 0.00	20.76 0.09 0.00	23.14 0.12 0.00	15.47 0.17 0.00	14.34 0.18 0.00	17.99 0.27 0.00	16.87 0.31 0.00	21.24 0.36 0.00	22.47 0.37 0.00	14.66 0.24 0.43	15.42 0.20 2.40	9.83 0.11 1.38	10.35 0.11 0.59	17.72 0.30 2.58	20.38 0.37 2.31	20.30 0.26 0.54	26.75 0.27 0.00	39.83 0.27 0.00	39.30 0.51 0.00	40.08 0.59 0.00	28.39 0.37 0.00
CLINTON___LFGE 323618	24.34 0.62 0.00	16.99 0.35 0.00	22.77 0.31 0.00	19.14 0.25 0.00	20.99 0.32 0.00	23.39 0.37 0.00	15.62 0.32 0.00	14.49 0.33 0.00	18.19 0.46 0.00	17.06 0.51 0.00	21.47 0.59 0.00	22.72 0.62 0.00	14.83 0.43 0.44	15.55 0.41 2.49	9.91 0.24 1.43	10.45 0.23 0.61	17.87 0.55 2.68	20.56 0.64 2.40	20.54 0.52 0.56	27.06 0.58 0.00	40.33 0.77 0.00	39.78 0.98 0.00	40.54 1.05 0.00	28.71 0.68 0.00
COBBLENY_34_KV_TB1 80064	14.25 -1.87 7.60	12.93 -1.40 2.30	14.04 -1.81 6.60	15.66 -1.61 1.63	18.20 -1.78 0.69	14.91 -1.98 6.13	12.11 -1.36 1.83	6.15 -1.19 6.82	9.42 -1.40 6.90	13.66 -1.35 1.55	16.83 -1.69 2.36	17.85 -1.72 2.53	9.72 -1.31 3.81	-0.42 -1.02 17.01	0.13 -0.64 10.33	2.90 -0.71 7.21	0.39 -1.29 18.33	4.46 -1.51 16.35	10.85 -1.57 8.16	20.99 -2.10 3.40	34.82 -2.99 1.74	31.81 -2.74 4.25	37.30 -2.19 0.00	26.29 -1.74 0.00
COFFEEN___115KV_TB3 355620	23.63 -0.10 0.00	16.55 -0.09 0.00	22.33 -0.13 0.00	18.76 -0.13 0.00	20.52 -0.15 0.00	22.88 -0.14 0.00	15.23 -0.07 0.00	14.06 -0.10 0.00	17.51 -0.21 0.00	16.40 -0.16 0.00	20.58 -0.30 0.00	21.62 -0.48 0.00	10.20 -0.52 4.13	-6.31 -0.71 23.22	-2.71 -0.42 13.38	4.75 -0.39 5.68	-5.46 -0.45 25.02	-0.34 -0.28 22.38	15.12 -0.22 5.24	26.51 0.03 0.00	39.82 0.26 0.00	39.09 0.30 0.00	39.48 -0.01 0.00	27.81 -0.22 0.00
COLDSPRG_115KV_BK1 355956	18.57 -1.43 3.73	14.47 -1.04 1.13	17.98 -1.24 3.24	16.93 -1.16 0.80	19.04 -1.30 0.34	18.63 -1.38 3.01	13.42 -0.98 0.90	9.98 -0.83 3.34	13.43 -0.91 3.38	14.88 -0.92 0.76	18.45 -1.17 1.26	19.35 -1.20 1.56	10.09 -0.93 3.83	-0.02 -0.66 16.98	0.59 -0.46 10.04	4.67 -0.50 5.65	0.74 -0.96 18.30	4.83 -1.14 16.34	13.49 -1.14 5.94	23.33 -1.49 1.66	36.63 -1.98 0.95	34.38 -1.64 2.78	38.32 -1.17 0.00	27.06 -0.97 0.00
COLONIE_LFGE___ 323577	24.04 0.31 0.00	16.92 0.29 0.00	22.94 0.48 0.00	19.31 0.41 0.00	21.09 0.41 0.00	23.46 0.44 0.00	15.55 0.25 0.00	14.37 0.21 0.00	17.93 0.20 0.00	16.72 0.16 0.00	21.02 0.14 0.00	22.25 0.15 0.00	14.59 0.15 0.40	15.52 0.17 2.27	9.90 0.10 1.31	10.38 0.11 0.55	17.80 0.24 2.45	20.39 0.25 2.19	20.32 0.26 0.51	26.78 0.30 0.00	40.03 0.47 0.00	39.25 0.45 0.00	39.88 0.38 0.00	28.34 0.31 0.00
COOPERNY_115KV_TB1 80082	24.20 0.47 0.00	16.99 0.35 0.00	22.96 0.51 0.00	19.30 0.41 0.00	21.05 0.38 0.00	23.43 0.41 0.00	15.58 0.28 0.00	14.42 0.26 0.00	18.02 0.30 0.00	16.85 0.29 0.00	21.31 0.43 0.00	22.55 0.45 0.00	14.44 0.32 0.73	13.94 0.39 4.08	9.01 0.26 2.35	10.09 0.27 1.00	16.04 0.43 4.39	18.86 0.47 3.93	20.11 0.46 0.92	27.02 0.55 0.00	40.33 0.78 0.00	39.43 0.63 0.00	40.11 0.62 0.00	28.49 0.46 0.00
COPENHAGEN_WT_PWR 323753	23.47 -0.25 0.00	16.45 -0.19 0.00	22.19 -0.27 0.00	18.65 -0.24 0.00	20.39 -0.28 0.00	22.73 -0.29 0.00	15.12 -0.17 0.00	13.97 -0.19 0.00	17.42 -0.30 0.00	16.30 -0.25 0.00	20.47 -0.40 0.00	21.55 -0.55 0.00	10.03 -0.53 4.29	-7.21 -0.72 24.12	-3.24 -0.43 13.90	4.51 -0.42 5.90	-6.54 -0.56 25.99	-1.36 -0.43 23.25	14.78 -0.35 5.44	26.30 -0.18 0.00	39.47 -0.09 0.00	38.75 -0.04 0.00	39.18 -0.31 0.00	27.62 -0.41 0.00
CORNELL_____ 23752	26.91 -0.33 -3.52	17.45 -0.24 -1.06	25.19 -0.26 -3.00	19.36 -0.27 -0.74	20.65 -0.34 -0.31	25.45 -0.36 -2.78	15.88 -0.27 -0.85	17.07 -0.21 -3.12	20.65 -0.24 -3.17	17.01 -0.26 -0.71	22.25 -0.36 -1.74	24.82 -0.44 -3.15	13.34 -0.39 1.12	-6.18 -0.38 23.41	-2.39 -0.23 13.26	6.26 -0.22 4.35	-5.65 -0.42 25.23	-0.68 -0.41 22.58	17.03 -0.27 3.28	27.71 -0.33 -1.56	40.50 -0.47 -1.41	44.72 -0.47 -6.39	39.08 -0.41 0.00	27.70 -0.33 0.00

CORONA_69_KV_TB1 355595	187.82 1.30 -162.79	55.05 0.84 -37.57	23.70 1.24 0.00	32.22 1.03 -12.29	21.66 0.98 -0.01	24.09 1.07 0.00	15.95 0.65 0.00	14.75 0.58 0.00	18.42 0.69 0.00	17.27 0.71 0.00	69.86 1.27 -47.72	60.91 1.33 -37.49	53.07 0.94 -37.28	16.13 1.02 2.52	9.83 0.61 1.87	13.45 0.69 -1.94	20.88 1.12 0.25	20.36 1.17 3.13	20.85 1.03 0.75	27.73 1.26 0.00	41.45 1.89 0.00	40.43 1.64 0.00	41.13 1.64 0.00	29.24 1.21 0.00
CORTLAND_115KV_TB3 80093	23.33 -0.39 0.00	16.35 -0.28 0.00	22.15 -0.31 0.00	18.60 -0.30 0.00	20.31 -0.36 0.00	22.63 -0.39 0.00	15.00 -0.29 0.00	13.93 -0.24 0.00	17.44 -0.29 0.00	16.25 -0.30 0.00	20.67 -0.41 -0.20	22.27 -0.46 -0.62	10.76 -0.37 3.72	-8.35 -0.37 25.61	-3.89 -0.23 14.76	4.35 -0.21 6.26	-8.02 -0.43 27.59	-2.80 -0.44 24.68	14.45 -0.34 5.78	26.07 -0.41 0.00	39.15 -0.60 -0.19	39.57 -0.61 -1.38	38.93 -0.56 0.00	27.61 -0.42 0.00
COXSACKIE___GT 23611	24.64 0.92 0.00	17.31 0.68 0.00	23.43 0.98 0.00	19.71 0.81 0.00	21.53 0.86 0.00	23.97 0.95 0.00	15.90 0.60 0.00	14.73 0.57 0.00	18.35 0.62 0.00	17.03 0.48 0.00	21.43 0.55 0.00	22.64 0.54 0.00	14.73 0.35 0.46	15.37 0.34 2.59	9.81 0.20 1.49	10.43 0.24 0.63	17.83 0.62 2.79	20.56 0.74 2.50	20.72 0.73 0.58	27.43 0.94 0.00	41.23 1.67 0.00	40.38 1.58 0.00	40.94 1.45 0.00	29.03 1.00 0.00
CPV_VALLEY___CC1 323721	24.29 0.57 0.00	17.07 0.43 0.00	23.07 0.61 0.00	19.39 0.49 0.00	21.13 0.46 0.00	23.52 0.50 0.00	15.64 0.35 0.00	14.49 0.32 0.00	18.09 0.36 0.00	16.92 0.36 0.00	21.41 0.54 0.00	22.67 0.57 0.00	14.60 0.42 0.66	14.39 0.51 3.73	9.29 0.34 2.15	10.25 0.34 0.91	16.52 0.54 4.03	19.32 0.60 3.60	20.29 0.56 0.84	27.14 0.66 0.00	40.50 0.94 0.00	39.56 0.76 0.00	40.21 0.72 0.00	28.58 0.55 0.00
CPV_VALLEY___CC2 323722	24.29 0.57 0.00	17.07 0.43 0.00	23.07 0.61 0.00	19.39 0.49 0.00	21.13 0.46 0.00	23.52 0.50 0.00	15.64 0.35 0.00	14.49 0.32 0.00	18.09 0.36 0.00	16.92 0.36 0.00	21.41 0.54 0.00	22.67 0.57 0.00	14.60 0.42 0.66	14.39 0.51 3.73	9.29 0.34 2.15	10.25 0.34 0.91	16.52 0.54 4.03	19.32 0.60 3.60	20.29 0.56 0.84	27.14 0.66 0.00	40.50 0.94 0.00	39.56 0.76 0.00	40.21 0.72 0.00	28.58 0.55 0.00
CRESCENT___HYD 24018	24.04 0.31 0.00	16.92 0.29 0.00	22.94 0.48 0.00	19.31 0.41 0.00	21.09 0.41 0.00	23.46 0.44 0.00	15.55 0.25 0.00	14.37 0.21 0.00	17.93 0.20 0.00	16.72 0.16 0.00	21.02 0.14 0.00	22.25 0.15 0.00	14.59 0.15 0.40	15.52 0.17 2.27	9.90 0.10 1.31	10.38 0.11 0.55	17.80 0.24 2.45	20.39 0.25 2.19	20.32 0.26 0.51	26.78 0.30 0.00	40.03 0.47 0.00	39.25 0.45 0.00	39.88 0.38 0.00	28.34 0.31 0.00
CRICKET___VALLEY_CC1 323756	24.47 0.74 0.00	17.21 0.58 0.00	23.29 0.84 0.00	19.58 0.68 0.00	21.33 0.66 0.00	23.72 0.70 0.00	15.74 0.44 0.00	14.55 0.39 0.00	18.19 0.47 0.00	17.03 0.47 0.00	21.58 0.70 0.00	22.84 0.74 0.00	14.85 0.56 0.56	15.13 0.67 3.16	9.71 0.43 1.83	10.48 0.43 0.77	17.34 0.74 3.41	20.06 0.79 3.05	20.59 0.73 0.71	27.35 0.86 0.00	40.79 1.23 0.00	39.83 1.04 0.00	40.48 0.99 0.00	28.78 0.75 0.00
CRICKET___VALLEY_CC2 323757	24.47 0.74 0.00	17.21 0.58 0.00	23.29 0.84 0.00	19.58 0.68 0.00	21.33 0.66 0.00	23.72 0.70 0.00	15.74 0.44 0.00	14.55 0.39 0.00	18.19 0.47 0.00	17.03 0.47 0.00	21.58 0.70 0.00	22.84 0.74 0.00	14.85 0.56 0.56	15.13 0.67 3.16	9.71 0.43 1.83	10.48 0.43 0.77	17.34 0.74 3.41	20.06 0.79 3.05	20.59 0.73 0.71	27.35 0.86 0.00	40.79 1.23 0.00	39.83 1.04 0.00	40.48 0.99 0.00	28.78 0.75 0.00
CRICKET___VALLEY_CC3 323758	24.47 0.74 0.00	17.21 0.58 0.00	23.29 0.84 0.00	19.58 0.68 0.00	21.33 0.66 0.00	23.72 0.70 0.00	15.74 0.44 0.00	14.55 0.39 0.00	18.19 0.47 0.00	17.03 0.47 0.00	21.58 0.70 0.00	22.84 0.74 0.00	14.85 0.56 0.56	15.13 0.67 3.16	9.71 0.43 1.83	10.48 0.43 0.77	17.34 0.74 3.41	20.06 0.79 3.05	20.59 0.73 0.71	27.35 0.86 0.00	40.79 1.23 0.00	39.83 1.04 0.00	40.48 0.99 0.00	28.78 0.75 0.00
CRUCIBLE_METL_DRP 24180	22.96 -0.76 0.00	16.10 -0.54 0.00	21.76 -0.69 0.00	18.28 -0.62 0.00	19.98 -0.69 0.00	22.25 -0.77 0.00	14.77 -0.53 0.00	13.69 -0.47 0.00	17.16 -0.57 0.00	16.01 -0.55 0.00	20.19 -0.69 0.00	21.34 -0.76 0.00	8.16 -0.56 6.12	-17.42 -0.60 34.44	-9.12 -0.36 19.86	2.04 -0.35 8.43	-17.78 -0.67 37.11	-11.64 -0.76 33.20	12.14 -0.67 7.77	25.62 -0.86 0.00	38.34 -1.22 0.00	37.60 -1.20 0.00	38.36 -1.13 0.00	27.17 -0.86 0.00
DAHOWA___HYDRO 323763	24.49 0.76 0.00	17.20 0.56 0.00	23.31 0.86 0.00	19.61 0.71 0.00	21.42 0.75 0.00	23.85 0.83 0.00	15.77 0.48 0.00	14.57 0.41 0.00	18.17 0.45 0.00	16.95 0.39 0.00	21.25 0.37 0.00	22.49 0.39 0.00	14.74 0.29 0.40	15.68 0.32 2.26	10.00 0.21 1.30	10.51 0.23 0.55	18.09 0.52 2.44	20.73 0.59 2.18	20.69 0.63 0.51	27.29 0.81 0.00	40.80 1.25 0.00	39.99 1.19 0.00	40.57 1.08 0.00	28.79 0.76 0.00
DANC___LFGE 323619	23.20 -0.52 0.00	16.25 -0.38 0.00	21.96 -0.50 0.00	18.45 -0.45 0.00	20.17 -0.50 0.00	22.45 -0.57 0.00	14.92 -0.38 0.00	13.80 -0.36 0.00	17.23 -0.49 0.00	16.12 -0.44 0.00	20.29 -0.59 0.00	21.39 -0.71 0.00	9.09 -0.59 5.16	-12.17 -0.74 29.05	-6.11 -0.45 16.75	3.27 -0.44 7.11	-11.99 -0.70 31.30	-6.33 -0.64 28.00	13.46 -0.56 6.55	25.94 -0.54 0.00	38.91 -0.65 0.00	38.21 -0.59 0.00	38.74 -0.75 0.00	27.36 -0.67 0.00
DANSKAMMER___1 23586	24.78 1.05 0.00	17.40 0.77 0.00	23.53 1.07 0.00	19.77 0.88 0.00	21.55 0.88 0.00	23.98 0.96 0.00	15.93 0.63 0.00	14.75 0.59 0.00	18.44 0.72 0.00	17.23 0.67 0.00	21.85 0.97 0.00	23.12 1.02 0.00	14.98 0.72 0.59	15.16 0.86 3.32	9.74 0.56 1.91	10.57 0.56 0.81	17.41 0.98 3.58	20.20 1.09 3.20	20.84 1.02 0.75	27.73 1.26 0.00	41.39 1.83 0.00	40.41 1.61 0.00	41.06 1.57 0.00	29.15 1.12 0.00
DANSKAMMER___2 23589	24.78 1.05 0.00	17.40 0.77 0.00	23.53 1.07 0.00	19.77 0.88 0.00	21.55 0.88 0.00	23.98 0.96 0.00	15.93 0.63 0.00	14.75 0.59 0.00	18.44 0.72 0.00	17.23 0.67 0.00	21.85 0.97 0.00	23.12 1.02 0.00	14.98 0.72 0.59	15.16 0.86 3.32	9.74 0.56 1.91	10.57 0.56 0.81	17.41 0.98 3.58	20.20 1.09 3.20	20.84 1.02 0.75	27.73 1.26 0.00	41.39 1.83 0.00	40.41 1.61 0.00	41.06 1.57 0.00	29.15 1.12 0.00
DANSKAMMER___3 23590	24.78 1.05 0.00	17.40 0.77 0.00	23.53 1.07 0.00	19.77 0.88 0.00	21.55 0.88 0.00	23.98 0.96 0.00	15.93 0.63 0.00	14.75 0.59 0.00	18.44 0.72 0.00	17.23 0.67 0.00	21.85 0.97 0.00	23.12 1.02 0.00	14.98 0.72 0.59	15.16 0.86 3.32	9.74 0.56 1.91	10.57 0.56 0.81	17.41 0.98 3.58	20.20 1.09 3.20	20.84 1.02 0.75	27.73 1.26 0.00	41.39 1.83 0.00	40.41 1.61 0.00	41.06 1.57 0.00	29.15 1.12 0.00

DANSKAMMER___4 23591	24.78 1.05 0.00	17.40 0.77 0.00	23.53 1.07 0.00	19.77 0.88 0.00	21.55 0.88 0.00	23.98 0.96 0.00	15.93 0.63 0.00	14.75 0.59 0.00	18.44 0.72 0.00	17.23 0.67 0.00	21.85 0.97 0.00	23.12 1.02 0.00	14.98 0.72 0.59	15.16 0.86 3.32	9.74 0.56 1.91	10.57 0.56 0.81	17.41 0.98 3.58	20.20 1.09 3.20	20.84 1.02 0.75	27.73 1.26 0.00	41.39 1.83 0.00	40.41 1.61 0.00	41.06 1.57 0.00	29.15 1.12 0.00
DANSKAMMER___DIESEL 23592	24.78 1.06 0.00	17.40 0.77 0.00	23.53 1.07 0.00	19.77 0.88 0.00	21.55 0.88 0.00	23.98 0.96 0.00	15.93 0.63 0.00	14.75 0.59 0.00	18.44 0.72 0.00	17.24 0.68 0.00	21.85 0.97 0.00	23.13 1.03 0.00	14.98 0.72 0.59	15.16 0.86 3.32	9.74 0.55 1.91	10.57 0.56 0.81	17.41 0.98 3.58	20.20 1.08 3.20	20.84 1.02 0.75	27.74 1.26 0.00	41.39 1.83 0.00	40.41 1.62 0.00	41.06 1.57 0.00	29.15 1.12 0.00
DARBY___SOLAR 323810	24.42 0.69 0.00	17.15 0.52 0.00	23.25 0.79 0.00	19.55 0.65 0.00	21.36 0.69 0.00	23.78 0.76 0.00	15.73 0.43 0.00	14.53 0.37 0.00	18.13 0.40 0.00	16.90 0.34 0.00	21.19 0.32 0.00	22.44 0.34 0.00	14.70 0.26 0.40	15.64 0.28 2.26	9.98 0.19 1.30	10.48 0.21 0.55	18.03 0.46 2.44	20.68 0.53 2.18	20.62 0.56 0.51	27.21 0.73 0.00	40.68 1.12 0.00	39.86 1.07 0.00	40.46 0.97 0.00	28.71 0.69 0.00
DASHVILLE___HYD 23610	24.78 1.05 0.00	17.40 0.76 0.00	23.52 1.06 0.00	19.76 0.86 0.00	21.53 0.86 0.00	23.95 0.94 0.00	15.92 0.63 0.00	14.74 0.58 0.00	18.43 0.70 0.00	17.24 0.69 0.00	21.87 0.99 0.00	23.14 1.04 0.00	15.02 0.75 0.57	15.28 0.89 3.22	9.81 0.57 1.86	10.61 0.57 0.79	17.53 1.00 3.47	20.30 1.09 3.11	20.88 1.03 0.73	27.75 1.27 0.00	41.39 1.84 0.00	40.39 1.60 0.00	41.04 1.55 0.00	29.14 1.11 0.00
DELAWARE___LFGE 323621	24.00 0.27 0.00	16.84 0.20 0.00	22.79 0.34 0.00	19.15 0.25 0.00	20.90 0.23 0.00	23.28 0.26 0.00	15.44 0.14 0.00	14.30 0.14 0.00	17.92 0.19 0.00	16.73 0.18 0.00	21.12 0.24 0.00	22.33 0.23 0.00	13.15 0.15 1.84	7.50 0.20 10.33	5.28 0.14 5.95	8.43 0.13 2.53	9.08 0.20 11.13	12.59 0.22 9.96	18.49 0.25 2.33	26.80 0.32 0.00	40.03 0.47 0.00	39.17 0.38 0.00	39.88 0.39 0.00	28.29 0.26 0.00
DERFIELD_115KV_TB7 355931	23.63 -0.09 0.00	16.59 -0.05 0.00	22.43 -0.02 0.00	18.87 -0.02 0.00	20.63 -0.05 0.00	22.96 -0.06 0.00	15.24 -0.05 0.00	14.10 -0.06 0.00	17.65 -0.07 0.00	16.47 -0.08 0.00	20.78 -0.10 0.00	21.99 -0.11 0.00	14.19 -0.07 0.58	14.28 -0.09 3.25	9.17 -0.06 1.88	9.97 -0.05 0.79	16.39 -0.11 3.50	19.06 -0.12 3.13	19.75 -0.09 0.73	26.37 -0.11 0.00	39.40 -0.16 0.00	38.64 -0.16 0.00	39.29 -0.20 0.00	27.90 -0.13 0.00
DOGLEVILLE___HYD 23807	23.46 -0.26 0.00	16.52 -0.12 0.00	22.49 0.04 0.00	18.94 0.05 0.00	20.66 -0.01 0.00	22.99 -0.03 0.00	15.17 -0.12 0.00	13.99 -0.17 0.00	17.41 -0.31 0.00	16.09 -0.47 0.00	20.16 -0.72 0.00	21.39 -0.71 0.00	13.83 -0.44 0.58	13.70 -0.67 3.25	8.84 -0.39 1.88	9.71 -0.32 0.79	15.93 -0.57 3.50	18.53 -0.66 3.13	19.41 -0.43 0.73	26.09 -0.39 0.00	39.13 -0.43 0.00	38.36 -0.43 0.00	38.80 -0.69 0.00	27.62 -0.42 0.00
DUNKIRK__115KV_TB_200 55889	14.34 -1.98 7.41	12.95 -1.44 2.24	14.18 -1.85 6.43	15.64 -1.67 1.59	18.13 -1.86 0.67	15.00 -2.05 5.98	12.08 -1.43 1.78	6.27 -1.24 6.65	9.55 -1.45 6.72	13.67 -1.38 1.51	16.82 -1.76 2.30	17.80 -1.83 2.47	9.67 -1.40 3.78	-0.45 -1.13 16.94	0.09 -0.74 10.27	2.90 -0.82 7.11	0.27 -1.48 18.25	4.29 -1.75 16.28	10.87 -1.68 8.03	21.03 -2.15 3.31	34.84 -3.02 1.70	31.96 -2.69 4.15	37.32 -2.17 0.00	26.37 -1.66 0.00
DUNKIRK___1 23563	14.34 -1.98 7.41	12.95 -1.44 2.24	14.18 -1.85 6.43	15.64 -1.67 1.59	18.13 -1.86 0.67	15.00 -2.05 5.98	12.08 -1.43 1.78	6.27 -1.24 6.65	9.55 -1.45 6.72	13.67 -1.38 1.51	16.82 -1.76 2.30	17.80 -1.83 2.47	9.67 -1.40 3.78	-0.45 -1.13 16.94	0.09 -0.74 10.27	2.90 -0.82 7.11	0.27 -1.48 18.25	4.29 -1.75 16.28	10.87 -1.68 8.03	21.03 -2.15 3.31	34.84 -3.02 1.70	31.96 -2.69 4.15	37.32 -2.17 0.00	26.37 -1.66 0.00
DUNKIRK___2 23564	14.34 -1.98 7.41	12.95 -1.44 2.24	14.18 -1.85 6.43	15.64 -1.67 1.59	18.13 -1.86 0.67	15.00 -2.05 5.98	12.08 -1.43 1.78	6.27 -1.24 6.65	9.55 -1.45 6.72	13.67 -1.38 1.51	16.82 -1.76 2.30	17.80 -1.83 2.47	9.67 -1.40 3.78	-0.45 -1.13 16.94	0.09 -0.74 10.27	2.90 -0.82 7.11	0.27 -1.48 18.25	4.29 -1.75 16.28	10.87 -1.68 8.03	21.03 -2.15 3.31	34.84 -3.02 1.70	31.96 -2.69 4.15	37.32 -2.17 0.00	26.37 -1.66 0.00
DUNKIRK___3 23565	14.04 -1.97 7.71	12.86 -1.44 2.33	13.92 -1.84 6.69	15.59 -1.66 1.65	18.13 -1.84 0.70	14.77 -2.03 6.22	12.03 -1.42 1.86	6.01 -1.23 6.91	9.28 -1.45 7.00	13.59 -1.39 1.57	16.72 -1.78 2.38	17.72 -1.84 2.54	9.69 -1.39 3.77	-0.42 -1.12 16.92	0.10 -0.72 10.28	2.81 -0.79 7.23	0.32 -1.45 18.23	4.34 -1.72 16.26	10.69 -1.69 8.20	20.85 -2.19 3.44	34.68 -3.12 1.76	31.73 -2.82 4.25	37.18 -2.31 0.00	26.28 -1.75 0.00
DUNKIRK___4 23566	14.04 -1.97 7.71	12.86 -1.44 2.33	13.92 -1.84 6.69	15.59 -1.66 1.65	18.13 -1.84 0.70	14.77 -2.03 6.22	12.03 -1.42 1.86	6.01 -1.23 6.91	9.28 -1.45 7.00	13.59 -1.39 1.57	16.72 -1.78 2.38	17.72 -1.84 2.54	9.69 -1.39 3.77	-0.42 -1.12 16.92	0.10 -0.72 10.28	2.81 -0.79 7.23	0.32 -1.45 18.23	4.34 -1.72 16.26	10.69 -1.69 8.20	20.85 -2.19 3.44	34.68 -3.12 1.76	31.73 -2.82 4.25	37.18 -2.31 0.00	26.28 -1.75 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	24.75 1.02 0.00	17.39 0.76 0.00	23.53 1.08 0.00	19.78 0.88 0.00	21.54 0.87 0.00	23.97 0.95 0.00	15.93 0.63 0.00	14.73 0.57 0.00	18.43 0.70 0.00	17.24 0.69 0.00	21.87 0.99 0.00	23.14 1.04 0.00	15.01 0.75 0.59	15.19 0.88 3.31	9.75 0.57 1.91	10.58 0.57 0.81	17.42 0.98 3.57	20.19 1.07 3.19	20.81 0.99 0.75	27.67 1.20 0.00	41.27 1.71 0.00	40.27 1.48 0.00	40.92 1.43 0.00	29.09 1.06 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	24.63 0.91 0.00	17.30 0.66 0.00	23.38 0.92 0.00	19.64 0.75 0.00	21.41 0.74 0.00	23.83 0.81 0.00	15.84 0.55 0.00	14.66 0.50 0.00	18.33 0.60 0.00	17.13 0.58 0.00	21.71 0.83 0.00	22.98 0.88 0.00	14.86 0.62 0.61	14.94 0.74 3.42	9.61 0.49 1.97	10.47 0.49 0.84	17.15 0.84 3.69	19.94 0.92 3.30	20.67 0.87 0.77	27.55 1.07 0.00	41.11 1.55 0.00	40.14 1.34 0.00	40.79 1.30 0.00	28.97 0.94 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	24.77 1.05 0.00	17.41 0.77 0.00	23.55 1.09 -0.01	19.80 0.90 -0.01	21.57 0.89 -0.01	23.99 0.96 0.00	15.93 0.63 -0.01	14.74 0.57 -0.01	18.44 0.71 -0.01	17.27 0.71 0.00	21.94 1.07 0.00	23.16 1.06 0.00	15.05 0.79 0.59	15.22 0.91 3.31	9.77 0.59 1.91	10.59 0.58 0.81	17.45 1.01 3.57	20.23 1.10 3.19	20.81 0.98 0.75	27.67 1.19 0.00	41.20 1.64 0.00	40.20 1.41 0.00	40.96 1.47 0.00	29.21 1.18 0.00

E179THST_13_KV_LOAD 356214	24.85 1.13 0.00	17.46 0.83 0.00	23.63 1.17 -0.01	19.85 0.95 -0.01	21.63 0.95 -0.01	24.06 1.03 0.00	15.98 0.68 -0.01	14.78 0.62 -0.01	18.50 0.78 -0.01	17.33 0.77 0.00	22.02 1.14 0.00	23.25 1.15 0.00	15.10 0.85 0.59	15.29 0.98 3.31	9.82 0.63 1.91	10.63 0.62 0.81	17.53 1.09 3.57	20.31 1.19 3.19	20.89 1.06 0.75	27.78 1.30 0.00	41.35 1.80 0.00	40.37 1.58 0.00	41.11 1.62 0.00	29.30 1.27 0.00
EAST HAMPTON___GT 23717	12.08 1.84 13.49	14.82 1.30 3.11	24.46 2.00 0.00	19.37 1.49 1.02	21.96 1.30 0.00	24.44 1.42 0.00	16.16 0.86 0.00	14.78 0.62 0.00	18.58 0.86 0.00	17.33 0.77 0.00	18.17 1.25 3.95	20.02 1.02 3.11	11.91 0.79 3.73	15.09 0.84 3.38	9.60 0.42 1.91	10.33 0.56 1.05	17.05 0.89 3.84	20.18 1.06 3.20	20.84 1.01 0.75	27.93 1.45 0.00	41.83 2.27 0.00	41.06 2.26 0.00	41.91 2.42 0.00	29.44 1.41 0.00
EAST RIVER___6 23660	24.81 1.09 0.00	17.43 0.80 0.00	23.56 1.11 0.00	19.81 0.91 0.00	21.57 0.90 0.00	23.99 0.97 0.00	15.95 0.65 0.00	14.76 0.60 0.00	18.48 0.75 0.00	17.29 0.73 0.00	21.95 1.07 0.00	23.22 1.12 0.00	15.06 0.81 0.59	15.26 0.95 3.31	9.80 0.61 1.91	10.63 0.62 0.81	17.49 1.05 3.57	20.27 1.15 3.19	20.88 1.06 0.75	27.76 1.28 0.00	41.37 1.82 0.00	40.36 1.57 0.00	41.03 1.53 0.00	29.18 1.15 0.00
EAST RIVER___7 23524	24.81 1.09 0.00	17.43 0.80 0.00	23.56 1.11 0.00	19.81 0.91 0.00	21.57 0.90 0.00	23.99 0.97 0.00	15.95 0.65 0.00	14.76 0.60 0.00	18.48 0.75 0.00	17.29 0.73 0.00	21.95 1.07 0.00	23.22 1.12 0.00	15.06 0.81 0.59	15.26 0.95 3.31	9.80 0.61 1.91	10.63 0.62 0.81	17.49 1.05 3.57	20.27 1.15 3.19	20.88 1.06 0.75	27.76 1.28 0.00	41.37 1.82 0.00	40.36 1.57 0.00	41.03 1.53 0.00	29.18 1.15 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	24.70 0.98 0.00	17.35 0.71 0.00	23.47 1.01 0.00	19.72 0.83 0.00	21.49 0.82 0.00	23.91 0.88 0.00	15.88 0.59 0.00	14.70 0.53 0.00	18.38 0.66 0.00	17.20 0.65 0.00	21.82 0.94 0.00	23.09 0.99 0.00	14.97 0.72 0.59	15.15 0.84 3.32	9.73 0.54 1.91	10.55 0.54 0.81	17.36 0.94 3.58	20.14 1.02 3.20	20.77 0.94 0.75	27.62 1.14 0.00	41.19 1.63 0.00	40.20 1.41 0.00	40.86 1.37 0.00	29.05 1.02 0.00
EAST_HAMPTON___DIESEL 23722	12.04 1.81 13.49	14.80 1.28 3.11	24.45 1.99 0.00	19.34 1.47 1.02	21.93 1.26 0.00	24.40 1.38 0.00	16.13 0.84 0.00	14.75 0.59 0.00	18.55 0.83 0.00	17.29 0.74 0.00	18.13 1.20 3.95	19.96 0.97 3.11	11.86 0.74 3.73	15.03 0.79 3.38	9.58 0.39 1.91	10.30 0.53 1.05	17.00 0.84 3.84	20.11 0.99 3.20	20.77 0.95 0.75	27.85 1.37 0.00	41.72 2.17 0.00	40.99 2.19 0.00	41.83 2.34 0.00	29.38 1.35 0.00
EAST_POINT___SOLAR 323840	24.86 1.13 0.00	17.40 0.77 0.00	23.39 0.94 0.00	19.67 0.77 0.00	21.50 0.83 0.00	23.96 0.94 0.00	15.93 0.63 0.00	14.72 0.56 0.00	18.41 0.69 0.00	16.96 0.41 0.00	21.14 0.26 0.00	22.25 0.15 0.00	14.40 0.14 0.59	14.24 -0.08 3.30	9.24 0.04 1.90	10.10 0.08 0.81	16.73 0.28 3.56	19.44 0.30 3.18	20.55 0.72 0.74	27.74 1.26 0.00	41.66 2.10 0.00	40.89 2.09 0.00	41.54 2.05 0.00	29.30 1.27 0.00
EAST_PULASKI___ESR 323781	22.93 -0.79 0.00	16.07 -0.56 0.00	21.71 -0.74 0.00	18.25 -0.65 0.00	19.95 -0.72 0.00	22.20 -0.83 0.00	14.73 -0.57 0.00	13.65 -0.52 0.00	17.07 -0.65 0.00	15.94 -0.61 0.00	20.10 -0.78 0.00	21.23 -0.87 0.00	7.98 -0.65 6.22	-18.11 -0.76 34.98	-9.54 -0.47 20.17	1.80 -0.46 8.56	-18.49 -0.80 37.69	-12.23 -0.84 33.72	11.93 -0.76 7.89	25.60 -0.88 0.00	38.37 -1.19 0.00	37.67 -1.12 0.00	38.31 -1.18 0.00	27.11 -0.92 0.00
EAST_RIVER___1 323558	24.81 1.09 0.00	17.43 0.79 0.00	23.56 1.11 0.00	19.81 0.92 0.00	21.58 0.91 0.00	24.00 0.98 0.00	15.96 0.66 0.00	14.77 0.61 0.00	18.48 0.76 0.00	17.30 0.74 0.00	21.96 1.08 0.00	23.23 1.12 0.00	15.07 0.81 0.59	15.26 0.96 3.31	9.80 0.61 1.91	10.63 0.62 0.81	17.50 1.06 3.57	20.28 1.15 3.19	20.89 1.06 0.75	27.77 1.29 0.00	41.38 1.82 0.00	40.38 1.58 0.00	41.05 1.55 0.00	29.20 1.17 0.00
EAST_RIVER___2 323559	24.81 1.09 0.00	17.43 0.80 0.00	23.56 1.11 0.00	19.81 0.91 0.00	21.57 0.90 0.00	23.99 0.97 0.00	15.95 0.65 0.00	14.76 0.60 0.00	18.48 0.75 0.00	17.29 0.73 0.00	21.95 1.07 0.00	23.22 1.12 0.00	15.06 0.81 0.59	15.26 0.95 3.31	9.80 0.61 1.91	10.63 0.62 0.81	17.49 1.05 3.57	20.27 1.15 3.19	20.88 1.06 0.75	27.76 1.28 0.00	41.37 1.82 0.00	40.36 1.57 0.00	41.03 1.53 0.00	29.18 1.15 0.00
EAST___DELAWARE_HYD 23607	24.30 0.58 0.00	17.06 0.42 0.00	23.05 0.60 0.00	19.37 0.47 0.00	21.11 0.45 0.00	23.51 0.48 0.00	15.62 0.33 0.00	14.47 0.31 0.00	18.08 0.35 0.00	16.88 0.32 0.00	21.37 0.49 0.00	22.60 0.50 0.00	14.56 0.36 0.64	14.45 0.42 3.60	9.32 0.29 2.07	10.25 0.30 0.88	16.63 0.50 3.87	19.40 0.54 3.47	20.32 0.55 0.81	27.19 0.71 0.00	40.63 1.07 0.00	39.68 0.88 0.00	40.32 0.83 0.00	28.61 0.57 0.00
EIGHT_POINT___WT_PWR 323820	53.25 -2.08 -31.61	24.60 -1.59 -9.56	47.58 -2.23 -27.36	23.68 -1.96 -6.75	21.47 -2.07 -2.86	46.14 -2.29 -25.41	21.32 -1.58 -7.60	41.11 -1.35 -28.29	44.67 -1.71 -28.65	21.39 -1.59 -6.42	27.54 -2.07 -8.73	27.11 -2.27 -7.28	9.31 -1.63 3.90	-0.19 -1.82 15.98	2.89 -1.14 7.07	18.37 -1.16 -8.70	0.56 -2.22 17.23	4.38 -2.35 15.59	33.08 -1.86 -14.37	38.19 -2.37 -14.09	42.15 -3.70 -6.29	46.09 -3.25 -10.54	36.83 -2.66 0.00	26.05 -1.98 0.00
ELBRIDGE_115KV_TB2 80188	22.75 -0.97 0.00	15.95 -0.68 0.00	21.56 -0.90 0.00	18.12 -0.78 0.00	19.80 -0.87 0.00	22.05 -0.97 0.00	14.64 -0.66 0.00	13.56 -0.60 0.00	17.00 -0.73 0.00	15.86 -0.70 0.00	20.00 -0.88 0.00	21.14 -0.96 0.00	8.02 -0.71 6.11	-17.53 -0.77 34.38	-9.18 -0.46 19.82	1.96 -0.45 8.41	-17.90 -0.86 37.05	-11.79 -0.97 33.14	11.98 -0.84 7.75	25.38 -1.10 0.00	38.00 -1.56 0.00	37.27 -1.52 0.00	38.00 -1.49 0.00	26.92 -1.11 0.00
ELEC_TRO_TEK 24086	87.09 1.23 -62.13	31.76 0.78 -14.34	23.59 1.13 0.00	24.52 0.94 -4.69	21.56 0.89 0.00	24.00 0.98 0.00	15.91 0.61 0.00	14.70 0.54 0.00	18.37 0.65 0.00	17.22 0.67 0.00	40.25 1.16 -18.21	37.62 1.21 -14.31	29.58 0.87 -13.87	15.55 0.94 3.01	9.75 0.55 1.90	11.73 0.63 -0.28	18.71 1.01 2.30	20.21 1.06 3.17	20.77 0.94 0.75	27.63 1.15 0.00	41.28 1.72 0.00	40.25 1.46 0.00	40.94 1.45 0.00	29.11 1.08 0.00
ELLENBURG_WT_PWR 323604	24.05 0.32 0.00	16.78 0.15 0.00	22.50 0.04 0.00	18.93 0.04 0.00	20.76 0.09 0.00	23.14 0.12 0.00	15.47 0.17 0.00	14.34 0.18 0.00	17.99 0.27 0.00	16.87 0.31 0.00	21.24 0.36 0.00	22.47 0.37 0.00	14.66 0.24 0.43	15.42 0.20 2.40	9.83 0.11 1.38	10.35 0.11 0.59	17.72 0.30 2.58	20.38 0.37 2.31	20.30 0.26 0.54	26.75 0.27 0.00	39.83 0.27 0.00	39.30 0.51 0.00	40.08 0.59 0.00	28.39 0.37 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	13.33 -2.12 8.28	12.56 -1.57 2.51	13.21 -2.06 7.19	15.32 -1.81 1.77	17.93 -1.99 0.75	14.11 -2.24 6.68	11.78 -1.53 1.99	5.38 -1.36 7.43	8.59 -1.62 7.51	13.33 -1.55 1.68	16.40 -1.94 2.53	17.45 -1.99 2.65	9.64 -1.51 3.70	-0.35 -1.24 16.73	0.11 -0.77 10.21	2.57 -0.84 7.41	0.46 -1.52 18.03	4.47 -1.78 16.08	10.27 -1.83 8.48	20.33 -2.45 3.70	34.17 -3.52 1.87	31.16 -3.24 4.40	36.83 -2.66 0.00	25.98 -2.05 0.00
EMPIRE_CC_1 323656	23.83 0.10 0.00	16.80 0.16 0.00	22.77 0.31 0.00	19.18 0.28 0.00	20.92 0.25 0.00	23.25 0.23 0.00	15.41 0.11 0.00	14.27 0.10 0.00	17.80 0.07 0.00	16.58 0.02 0.00	20.85 -0.03 0.00	22.06 -0.03 0.00	14.47 0.05 0.43	15.23 0.05 2.44	9.74 0.05 1.41	10.27 0.05 0.60	17.44 0.07 2.63	19.97 0.01 2.36	20.03 0.00 0.55	26.43 -0.05 0.00	39.48 -0.08 0.00	38.74 -0.06 0.00	39.37 -0.12 0.00	28.06 0.03 0.00
EMPIRE_CC_2 323658	23.83 0.10 0.00	16.80 0.16 0.00	22.77 0.31 0.00	19.18 0.28 0.00	20.92 0.25 0.00	23.25 0.23 0.00	15.41 0.11 0.00	14.27 0.10 0.00	17.80 0.07 0.00	16.58 0.02 0.00	20.85 -0.03 0.00	22.06 -0.03 0.00	14.47 0.05 0.43	15.23 0.05 2.44	9.74 0.05 1.41	10.27 0.05 0.60	17.44 0.07 2.63	19.97 0.01 2.36	20.03 0.00 0.55	26.43 -0.05 0.00	39.48 -0.08 0.00	38.74 -0.06 0.00	39.37 -0.12 0.00	28.06 0.03 0.00
ENORWICH_115KV_TB1 80156	25.98 0.45 -1.80	17.49 0.31 -0.54	24.53 0.52 -1.55	19.57 0.30 -0.38	21.00 0.17 -0.16	24.74 0.28 -1.44	15.88 0.14 -0.44	15.97 0.19 -1.61	19.70 0.35 -1.63	17.16 0.23 -0.37	21.88 0.25 -0.76	23.46 0.14 -1.21	12.54 -0.02 2.29	-0.89 0.06 18.56	0.50 -0.02 10.58	6.84 -0.15 3.82	-0.36 -0.36 20.00	4.31 -0.11 17.90	17.61 0.19 3.16	27.58 0.30 -0.80	40.59 0.43 -0.60	41.53 0.36 -2.38	39.94 0.45 0.00	28.29 0.26 0.00
ERIE_ST__34_KV_TB1-2 80199	13.63 -1.75 8.35	12.80 -1.31 2.53	13.53 -1.68 7.25	15.61 -1.50 1.79	18.25 -1.67 0.76	14.45 -1.84 6.73	12.02 -1.27 2.01	5.56 -1.12 7.49	8.84 -1.31 7.57	13.58 -1.28 1.70	16.71 -1.61 2.56	17.77 -1.63 2.70	9.83 -0.28 3.78	-0.28 -0.93 16.96	0.16 -0.58 10.35	2.68 -0.65 7.49	0.53 -1.20 18.28	4.62 -1.40 16.30	10.55 -2.01 8.57	20.74 -2.83 3.73	34.83 -2.57 1.89	31.73 -2.02 4.50	37.47 -2.02 0.00	26.40 -1.63 0.00
ERIE_WT_PWR 323693	12.33 -2.01 9.39	12.29 -1.50 2.84	12.34 -1.95 8.15	15.16 -1.73 2.01	17.90 -1.91 0.85	13.33 -2.12 7.57	11.57 -1.47 2.26	4.45 -1.29 8.42	7.67 -1.53 8.52	13.18 -1.46 1.91	16.18 -1.83 2.86	17.22 -1.90 2.98	9.60 -1.44 3.80	-0.56 -0.74 17.00	-0.07 -0.74 10.44	2.09 -0.82 7.92	0.22 -1.47 18.31	4.27 -1.71 16.34	9.69 -1.72 9.17	19.97 -2.31 4.19	33.83 -3.28 2.45	30.30 -3.01 5.49	36.65 -2.44 0.41	25.95 -1.90 0.18
ESPRGFLD_115KV_TB1 80157	24.39 0.66 0.00	17.06 0.43 0.00	22.99 0.54 0.00	19.31 0.42 0.00	21.11 0.43 0.00	23.51 0.49 0.00	15.65 0.35 0.00	14.52 0.36 0.00	18.24 0.52 0.00	17.05 0.49 0.00	21.47 0.59 0.00	22.66 0.57 0.00	14.20 0.33 0.98	12.47 0.37 5.53	8.17 0.25 3.19	9.69 0.22 1.35	14.41 0.36 5.96	17.42 0.43 5.33	19.85 0.52 1.25	27.25 0.77 0.00	40.76 1.20 0.00	40.02 1.22 0.00	40.74 1.25 0.00	28.82 0.79 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	26.33 -0.35 -2.95	17.27 -0.25 -0.89	24.69 -0.28 -2.52	19.23 -0.28 -0.62	20.58 -0.35 -0.26	24.99 -0.37 -2.34	15.73 -0.28 -0.71	16.55 -0.22 -2.61	20.13 -0.26 -2.66	16.87 -0.28 -0.60	21.93 -0.38 -1.43	24.21 -0.46 -2.57	12.67 -0.39 1.79	-6.58 -0.39 23.81	-2.66 -0.23 13.53	5.94 -0.22 4.67	-6.09 -0.43 25.66	-1.09 -0.44 22.96	16.59 -0.30 3.69	27.42 -0.36 -1.31	40.20 -0.52 -1.16	43.47 -0.52 -5.19	39.02 -0.47 0.00	27.66 -0.37 0.00
ETNA____115KV_TB2 80207	26.33 -0.35 -2.95	17.27 -0.25 -0.89	24.69 -0.28 -2.52	19.23 -0.28 -0.62	20.58 -0.35 -0.26	24.99 -0.37 -2.34	15.73 -0.28 -0.71	16.55 -0.22 -2.61	20.13 -0.26 -2.66	16.87 -0.28 -0.60	21.93 -0.38 -1.43	24.21 -0.46 -2.57	12.67 -0.39 1.79	-6.58 -0.39 23.81	-2.66 -0.23 13.53	5.94 -0.22 4.67	-6.09 -0.43 25.66	-1.09 -0.44 22.96	16.59 -0.30 3.69	27.42 -0.36 -1.31	40.20 -0.52 -1.16	43.47 -0.52 -5.19	39.02 -0.47 0.00	27.66 -0.37 0.00
EUCLID__115KV_TB2 356179	22.89 -0.84 0.00	16.04 -0.59 0.00	21.69 -0.76 0.00	18.23 -0.66 0.00	19.92 -0.75 0.00	22.18 -0.84 0.00	14.71 -0.58 0.00	13.64 -0.52 0.00	17.09 -0.64 0.00	15.95 -0.61 0.00	20.11 -0.77 0.00	21.27 -0.83 0.00	8.31 -0.60 5.93	-16.38 -0.64 33.36	-8.53 -0.40 19.23	2.27 -0.39 8.16	-16.67 -0.72 35.95	-10.66 -0.82 32.16	12.29 -0.76 7.53	25.52 -0.96 0.00	38.16 -1.40 0.00	37.45 -1.35 0.00	38.23 -1.26 0.00	27.09 -0.94 0.00
E_CANADA_CAP_HY 24051	24.65 0.93 0.00	17.25 0.61 0.00	23.20 0.75 0.00	19.51 0.61 0.00	21.33 0.66 0.00	23.76 0.74 0.00	15.81 0.52 0.00	14.65 0.48 0.00	18.36 0.64 0.00	17.11 0.55 0.00	21.46 0.59 0.00	22.67 0.57 0.00	14.53 0.37 0.69	14.09 0.33 3.86	9.12 0.24 2.22	10.09 0.21 0.94	16.30 0.45 4.15	19.12 0.51 3.72	20.32 0.62 0.87	27.45 0.97 0.00	41.16 1.60 0.00	40.46 1.66 0.00	41.16 1.67 0.00	29.13 1.10 0.00
E_CANADA_MHWK_HY 24050	23.46 -0.26 0.00	16.52 -0.12 0.00	22.49 0.04 0.00	18.94 0.05 0.00	20.66 -0.01 0.00	22.99 -0.03 0.00	15.17 -0.12 0.00	13.99 -0.17 0.00	17.41 -0.31 0.00	16.09 -0.47 0.00	20.16 -0.72 0.00	21.39 -0.71 0.00	13.83 -0.44 0.58	13.70 -0.67 3.25	8.84 -0.39 1.88	9.71 -0.32 0.79	15.93 -0.57 3.50	18.53 -0.66 3.13	19.41 -0.43 0.73	26.09 -0.39 0.00	39.13 -0.43 0.00	38.36 -0.43 0.00	38.80 -0.69 0.00	27.62 -0.42 0.00
E_FISHKILL__LBMP 23776	24.55 0.83 0.00	17.25 0.61 0.00	23.34 0.89 0.00	19.62 0.73 0.00	21.38 0.71 0.00	23.78 0.76 0.00	15.80 0.50 0.00	14.61 0.45 0.00	18.27 0.55 0.00	17.09 0.54 0.00	21.67 0.79 0.00	22.93 0.83 0.00	14.88 0.61 0.58	15.08 0.71 3.25	9.68 0.46 1.87	10.49 0.46 0.79	17.30 0.80 3.50	20.04 0.86 3.13	20.64 0.80 0.73	27.44 0.96 0.00	40.93 1.38 0.00	39.98 1.18 0.00	40.63 1.14 0.00	28.88 0.85 0.00
FALCON__SEABRD_CC1 323796	24.35 0.63 0.00	17.00 0.36 0.00	22.78 0.33 0.00	19.16 0.26 0.00	21.00 0.33 0.00	23.40 0.37 0.00	15.62 0.32 0.00	14.48 0.32 0.00	18.17 0.45 0.00	17.04 0.49 0.00	21.45 0.57 0.00	22.70 0.60 0.00	14.84 0.42 0.43	15.60 0.42 2.44	9.94 0.25 1.41	10.47 0.24 0.60	17.92 0.55 2.63	20.61 0.64 2.35	20.54 0.52 0.55	27.03 0.55 0.00	40.28 0.72 0.00	39.72 0.92 0.00	40.50 1.01 0.00	28.70 0.67 0.00
FALCON__SEABRD_CC2 323797	24.35 0.63 0.00	17.00 0.36 0.00	22.78 0.33 0.00	19.16 0.26 0.00	21.00 0.33 0.00	23.40 0.37 0.00	15.62 0.32 0.00	14.48 0.32 0.00	18.17 0.45 0.00	17.04 0.49 0.00	21.45 0.57 0.00	22.70 0.60 0.00	14.84 0.42 0.43	15.60 0.42 2.44	9.94 0.25 1.41	10.47 0.24 0.60	17.92 0.55 2.63	20.61 0.64 2.35	20.54 0.52 0.55	27.03 0.55 0.00	40.28 0.72 0.00	39.72 0.92 0.00	40.50 1.01 0.00	28.70 0.67 0.00

FAR ROCKAWAY___4 23548	199.25 1.44 -174.09	57.73 0.91 -40.18	23.84 1.38 0.00	33.18 1.14 -13.15	21.78 1.10 -0.01	24.24 1.21 0.00	16.04 0.74 0.00	14.83 0.66 0.00	18.52 0.80 0.00	17.37 0.81 0.00	73.30 1.40 -51.03	63.67 1.47 -40.09	55.80 1.04 -39.91	16.29 1.13 2.46	9.90 0.67 1.87	13.71 0.76 -2.13	21.24 1.25 0.02	20.51 1.32 3.12	20.99 1.16 0.75	27.90 1.43 0.00	41.71 2.15 0.00	40.69 1.89 0.00	41.39 1.90 0.00	29.41 1.38 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	24.82 1.10 0.00	17.44 0.80 0.00	23.57 1.12 0.00	19.81 0.92 0.00	21.58 0.91 0.00	24.01 0.98 0.00	15.97 0.67 0.00	14.77 0.61 0.00	18.49 0.76 0.00	17.30 0.75 0.00	21.96 1.08 0.00	23.23 1.12 0.00	15.07 0.81 0.59	15.26 0.95 3.31	9.80 0.61 1.91	10.63 0.62 0.81	17.49 1.06 3.57	20.28 1.15 3.19	20.90 1.07 0.75	27.77 1.29 0.00	41.40 1.84 0.00	40.40 1.60 0.00	41.06 1.57 0.00	29.20 1.17 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	24.83 1.11 0.00	17.44 0.81 0.00	23.58 1.13 0.00	19.82 0.92 0.00	21.59 0.91 0.00	24.01 0.99 0.00	15.97 0.67 0.00	14.77 0.61 0.00	18.49 0.77 0.00	17.31 0.75 0.00	21.96 1.09 0.00	23.23 1.13 0.00	15.07 0.82 0.59	15.26 0.95 3.31	9.80 0.61 1.91	10.63 0.62 0.81	17.50 1.06 3.57	20.28 1.15 3.19	20.90 1.08 0.75	27.78 1.30 0.00	41.42 1.86 0.00	40.41 1.61 0.00	41.07 1.58 0.00	29.21 1.18 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	24.82 1.09 0.00	17.43 0.79 0.00	23.57 1.11 0.00	19.81 0.91 0.00	21.57 0.90 0.00	24.00 0.98 0.00	15.96 0.66 0.00	14.76 0.60 0.00	18.48 0.76 0.00	17.29 0.74 0.00	21.95 1.07 0.00	23.22 1.12 0.00	15.06 0.81 0.59	15.25 0.95 3.31	9.80 0.61 1.91	10.63 0.61 0.81	17.49 1.05 3.57	20.27 1.14 3.19	20.89 1.06 0.75	27.76 1.28 0.00	41.38 1.82 0.00	40.38 1.58 0.00	41.04 1.55 0.00	29.19 1.16 0.00
FARRAGUT___LBMP 323566	24.80 1.07 0.00	17.42 0.79 0.00	23.55 1.10 0.00	19.79 0.90 0.00	21.56 0.89 0.00	23.98 0.96 0.00	15.94 0.65 0.00	14.75 0.59 0.00	18.47 0.74 0.00	17.28 0.72 0.00	21.93 1.05 0.00	23.20 1.10 0.00	15.05 0.80 0.59	15.24 0.93 3.31	9.79 0.60 1.91	10.62 0.60 0.81	17.47 1.04 3.57	20.25 1.13 3.19	20.87 1.05 0.75	27.74 1.27 0.00	41.36 1.80 0.00	40.36 1.56 0.00	41.02 1.53 0.00	29.17 1.14 0.00
FENNER___WINDPWR 24204	23.61 -0.12 0.00	16.56 -0.08 0.00	22.39 -0.07 0.00	18.81 -0.09 0.00	20.55 -0.12 0.00	22.90 -0.12 0.00	15.22 -0.08 0.00	14.11 -0.05 0.00	17.67 -0.06 0.00	16.49 -0.07 0.00	20.88 -0.12 -0.12	22.31 -0.14 -0.36	11.32 -0.16 3.37	-4.23 -0.19 21.66	-1.52 -0.14 12.49	5.39 -0.13 5.30	-3.59 -0.26 23.34	1.23 -0.21 20.88	15.58 -0.11 4.89	26.38 -0.10 0.00	39.62 -0.04 -0.11	39.53 -0.06 -0.80	39.43 -0.07 0.00	27.93 -0.10 0.00
FIBERTEK___ENERGY 23856	22.96 -0.76 0.00	16.10 -0.54 0.00	21.76 -0.69 0.00	18.28 -0.62 0.00	19.98 -0.69 0.00	22.25 -0.77 0.00	14.77 -0.53 0.00	13.69 -0.47 0.00	17.16 -0.57 0.00	16.01 -0.55 0.00	20.19 -0.69 0.00	21.34 -0.76 0.00	8.16 -0.56 6.12	-17.42 -0.60 34.44	-9.12 -0.36 19.86	2.04 -0.35 8.43	-17.78 -0.67 37.11	-11.64 -0.76 33.20	12.14 -0.67 7.77	25.62 -0.86 0.00	38.34 -1.22 0.00	37.60 -1.20 0.00	38.36 -1.13 0.00	27.17 -0.86 0.00
FITZPATRICK___ 23598	22.49 -1.23 0.00	15.77 -0.87 0.00	21.31 -1.15 0.00	17.91 -0.98 0.00	19.58 -1.09 0.00	21.80 -1.22 0.00	14.47 -0.82 0.00	13.41 -0.75 0.00	16.80 -0.93 0.00	15.68 -0.88 0.00	19.77 -1.11 0.00	20.91 -1.19 0.00	4.51 -0.84 9.50	-36.73 -0.92 53.42	-20.28 -0.58 30.80	-2.81 -0.57 13.07	-38.61 -1.05 57.57	-30.35 -1.17 51.50	7.45 -1.08 12.05	25.09 -1.39 0.00	37.53 -2.03 0.00	36.82 -1.98 0.00	37.56 -1.93 0.00	26.62 -1.41 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	24.81 1.09 0.00	17.43 0.79 0.00	23.57 1.11 0.00	19.80 0.91 0.00	21.58 0.91 0.00	24.02 1.00 0.00	15.96 0.66 0.00	14.77 0.61 0.00	18.48 0.75 0.00	17.26 0.71 0.00	21.89 1.01 0.00	23.17 1.07 0.00	15.01 0.75 0.59	15.20 0.89 3.31	9.77 0.58 1.91	10.59 0.58 0.81	17.46 1.02 3.56	20.25 1.12 3.19	20.89 1.06 0.74	27.78 1.30 0.00	41.46 1.90 0.00	40.48 1.69 0.00	41.12 1.63 0.00	29.19 1.16 0.00
FORT ORANGE___ 23900	23.88 0.16 0.00	16.80 0.17 0.00	22.77 0.31 0.00	19.15 0.26 0.00	20.91 0.24 0.00	23.27 0.24 0.00	15.43 0.13 0.00	14.27 0.11 0.00	17.81 0.08 0.00	16.57 0.01 0.00	20.91 0.03 0.00	22.13 0.03 0.00	14.48 0.05 0.42	15.30 0.05 2.37	9.77 0.04 1.37	10.29 0.04 0.58	17.57 0.12 2.56	20.15 0.11 2.28	20.12 0.08 0.53	26.55 0.07 0.00	39.71 0.15 0.00	38.90 0.10 0.00	39.52 0.03 0.00	28.10 0.07 0.00
FORT_DRUM_COGEN 23780	23.56 -0.16 0.00	16.51 -0.13 0.00	22.27 -0.18 0.00	18.72 -0.18 0.00	20.47 -0.20 0.00	22.82 -0.20 0.00	15.19 -0.11 0.00	14.03 -0.13 0.00	17.49 -0.23 0.00	16.37 -0.18 0.00	20.54 -0.34 0.00	21.61 -0.49 0.00	10.41 -0.49 3.94	-5.24 -0.69 22.17	-2.10 -0.42 12.78	5.00 -0.40 5.42	-4.40 -0.51 23.89	0.59 -0.35 21.37	15.29 -0.28 5.00	26.41 -0.07 0.00	39.65 0.09 0.00	38.93 0.13 0.00	39.32 -0.17 0.00	27.71 -0.32 0.00
FOX_HILLS___ESR 323835	24.73 1.01 0.00	17.41 0.77 0.00	23.64 1.18 -0.01	19.87 0.97 -0.01	21.63 0.96 -0.01	24.08 1.05 0.00	16.01 0.70 -0.01	14.81 0.64 -0.01	18.53 0.80 -0.01	17.33 0.77 0.00	21.97 1.10 0.00	23.24 1.14 0.00	15.10 0.84 0.59	15.27 0.96 3.31	9.82 0.63 1.91	10.64 0.63 0.81	17.50 1.06 3.57	20.31 1.19 3.19	20.93 1.10 0.75	27.83 1.35 0.00	41.44 1.88 0.00	40.44 1.64 0.00	41.13 1.64 0.00	29.26 1.23 0.00
FPL_FAR_ROCK_GT1 24212	199.25 1.44 -174.09	57.73 0.91 -40.18	23.84 1.38 0.00	33.18 1.14 -13.15	21.78 1.10 -0.01	24.22 1.20 0.00	16.04 0.74 0.00	14.83 0.67 0.00	18.52 0.80 0.00	17.37 0.81 0.00	73.30 1.40 -51.03	63.67 1.47 -40.09	55.81 1.05 -39.91	16.29 1.14 2.46	9.90 0.67 1.87	13.71 0.76 -2.13	21.22 1.24 0.02	20.52 1.32 3.12	20.99 1.16 0.75	27.90 1.42 0.00	41.71 2.15 0.00	40.69 1.89 0.00	41.38 1.89 0.00	29.41 1.38 0.00
FPL_FAR_ROCK_GT2 23815	199.25 1.44 -174.09	57.73 0.91 -40.18	23.84 1.38 0.00	33.18 1.14 -13.15	21.78 1.10 -0.01	24.22 1.20 0.00	16.04 0.74 0.00	14.83 0.67 0.00	18.52 0.80 0.00	17.37 0.81 0.00	73.30 1.40 -51.03	63.67 1.47 -40.09	55.81 1.05 -39.91	16.29 1.14 2.46	9.90 0.67 1.87	13.71 0.76 -2.13	21.22 1.24 0.02	20.52 1.32 3.12	20.99 1.16 0.75	27.90 1.42 0.00	41.71 2.15 0.00	40.69 1.89 0.00	41.38 1.89 0.00	29.41 1.38 0.00
FRANKLIN_FALL_HYD 24054	24.07 0.35 0.00	16.77 0.14 0.00	22.47 0.02 0.00	18.92 0.02 0.00	20.75 0.08 0.00	23.14 0.12 0.00	15.51 0.22 0.00	14.39 0.23 0.00	18.07 0.34 0.00	16.96 0.40 0.00	21.35 0.47 0.00	22.57 0.47 0.00	14.50 0.29 0.64	14.24 0.21 3.59	9.14 0.11 2.07	10.06 0.12 0.88	16.48 0.34 3.87	19.32 0.46 3.46	20.12 0.36 0.81	26.92 0.44 0.00	40.12 0.56 0.00	39.61 0.81 0.00	40.30 0.81 0.00	28.49 0.46 0.00

FREEPORT_EQUS_GT1 23764	75.37 1.38 -50.26	29.12 0.89 -11.60	23.73 1.27 0.00	23.73 1.04 -3.80	21.68 1.00 0.00	24.12 1.10 0.00	15.98 0.68 0.00	14.77 0.61 0.00	18.45 0.72 0.00	17.30 0.74 0.00	36.88 1.27 -14.73	35.02 1.34 -11.57	26.93 0.98 -11.11	15.60 1.04 3.07	9.81 0.61 1.90	11.65 0.69 -0.14	18.58 1.11 2.54	20.34 1.19 3.17	20.89 1.06 0.75	27.79 1.31 0.00	41.55 1.99 0.00	40.52 1.72 0.00	41.19 1.70 0.00	29.31 1.28 0.00
FREEPORT___CT2 23818	75.37 1.38 -50.26	29.12 0.89 -11.60	23.73 1.27 0.00	23.73 1.04 -3.80	21.68 1.00 0.00	24.12 1.10 0.00	15.98 0.68 0.00	14.77 0.61 0.00	18.45 0.72 0.00	17.30 0.74 0.00	36.88 1.27 -14.73	35.02 1.34 -11.57	26.93 0.98 -11.11	15.60 1.04 3.07	9.81 0.61 1.90	11.65 0.69 -0.14	18.58 1.11 2.54	20.34 1.19 3.17	20.89 1.06 0.75	27.79 1.31 0.00	41.55 1.99 0.00	40.52 1.72 0.00	41.19 1.70 0.00	29.31 1.28 0.00
FRESHKLS_33_KV_LOAD 356253	24.74 1.02 0.00	17.38 0.74 0.00	23.56 1.10 -0.01	19.80 0.90 -0.01	21.55 0.87 -0.01	23.98 0.96 0.00	15.94 0.64 -0.01	14.75 0.58 -0.01	18.46 0.73 -0.01	17.29 0.73 0.00	21.94 1.06 0.00	23.21 1.11 0.00	15.09 0.83 0.59	15.24 0.93 3.31	9.81 0.62 1.91	10.62 0.61 0.81	17.46 1.02 3.57	20.29 1.17 3.19	20.92 1.09 0.75	27.82 1.34 0.00	41.42 1.86 0.00	40.43 1.64 0.00	41.12 1.63 0.00	29.26 1.23 0.00
FULTON COGEN____ 23766	22.65 -1.07 0.00	15.88 -0.76 0.00	21.46 -0.99 0.00	18.03 -0.86 0.00	19.71 -0.96 0.00	21.95 -1.07 0.00	14.56 -0.73 0.00	13.50 -0.66 0.00	16.90 -0.82 0.00	15.78 -0.77 0.00	19.90 -0.98 0.00	21.04 -1.06 0.00	7.20 -0.76 6.89	-21.97 -0.84 38.75	-11.76 -0.52 22.34	0.84 -0.50 9.48	-22.67 -0.93 41.75	-16.06 -1.03 37.35	10.90 -0.94 8.74	25.29 -1.19 0.00	37.83 -1.73 0.00	37.11 -1.69 0.00	37.85 -1.65 0.00	26.81 -1.22 0.00
FULTON___LFGE 323630	24.68 0.96 0.00	17.29 0.66 0.00	23.31 0.86 0.00	19.59 0.70 0.00	21.42 0.75 0.00	23.85 0.83 0.00	15.84 0.55 0.00	14.62 0.45 0.00	18.27 0.55 0.00	16.93 0.37 0.00	21.13 0.25 0.00	22.38 0.28 0.00	14.50 0.21 0.56	14.47 0.00 3.16	9.35 0.08 1.82	10.20 0.14 0.77	17.09 0.49 3.40	19.82 0.55 3.05	20.51 0.65 0.71	27.51 1.03 0.00	41.28 1.72 0.00	40.52 1.72 0.00	41.18 1.69 0.00	29.15 1.12 0.00
G.F.CEMENT___DRP 24184	24.69 0.96 0.00	17.31 0.67 0.00	23.46 1.01 0.00	19.72 0.83 0.00	21.55 0.88 0.00	24.00 0.98 0.00	15.85 0.56 0.00	14.66 0.50 0.00	18.28 0.55 0.00	17.05 0.49 0.00	21.35 0.48 0.00	22.60 0.50 0.00	14.80 0.36 0.40	15.77 0.41 2.26	10.06 0.26 1.31	10.55 0.28 0.55	18.20 0.63 2.44	20.84 0.70 2.18	20.84 0.78 0.51	27.49 1.01 0.00	41.10 1.54 0.00	40.26 1.46 0.00	40.83 1.34 0.00	28.95 0.92 0.00
GARDENVILLE___LBMP 24039	2.70 -2.10 18.92	9.35 -1.56 5.73	3.99 -2.03 16.43	13.04 -1.80 4.05	16.96 -1.99 1.72	5.56 -2.19 15.26	9.23 -1.51 4.55	-4.14 -1.32 16.98	-1.04 -1.59 17.17	11.17 -1.54 3.85	13.32 -1.93 5.63	14.54 -1.99 5.57	9.17 -1.49 4.18	-1.61 -1.27 17.96	-1.34 -0.79 11.65	-2.00 -0.85 11.97	-0.90 -1.55 19.35	3.33 -1.80 17.19	3.97 -1.80 14.80	15.61 -2.42 8.45	31.95 -3.48 4.12	26.64 -3.19 8.97	36.88 -2.61 0.00	26.02 -2.01 0.00
GARDNVLA_35_KV_LD 355827	12.81 -2.01 8.90	12.46 -1.49 2.70	12.77 -1.95 7.73	15.27 -1.72 1.91	17.97 -1.90 0.81	13.71 -2.13 7.18	11.70 -1.46 2.14	4.89 -1.28 7.98	8.12 -1.53 8.08	13.29 -1.46 1.81	16.33 -1.82 2.72	17.38 -1.88 2.85	9.64 -1.42 3.78	-0.50 -1.15 16.97	-0.01 -0.72 10.39	2.32 -0.79 7.71	0.30 -1.43 18.28	4.35 -1.67 16.30	9.98 -1.72 8.88	20.22 -2.28 3.97	34.29 -3.26 2.01	31.10 -2.98 4.72	37.08 -2.42 0.00	26.15 -1.88 0.00
GELCKHM___115KV_LOAD 80723	22.91 -0.81 0.00	16.06 -0.58 0.00	21.72 -0.74 0.00	18.24 -0.65 0.00	19.94 -0.73 0.00	22.20 -0.82 0.00	14.73 -0.57 0.00	13.66 -0.50 0.00	17.10 -0.62 0.00	15.97 -0.59 0.00	20.13 -0.75 0.00	21.29 -0.81 0.00	8.22 -0.59 6.03	-16.94 -0.62 33.94	-8.85 -0.38 19.57	2.14 -0.38 8.30	-17.27 -0.71 36.57	-11.19 -0.80 32.71	12.19 -0.72 7.65	25.56 -0.92 0.00	38.23 -1.33 0.00	37.52 -1.28 0.00	38.27 -1.22 0.00	27.12 -0.91 0.00
GENERAL___MILLS 23808	12.31 -2.03 9.39	12.29 -1.50 2.84	12.34 -1.95 8.15	15.15 -1.73 2.01	17.91 -1.91 0.85	13.31 -2.14 7.57	11.57 -1.47 2.26	4.44 -1.29 8.42	7.66 -1.54 8.52	13.17 -1.48 1.91	16.17 -1.85 2.86	17.23 -1.90 2.98	9.61 -1.44 3.80	-0.54 -1.17 17.00	-0.07 -0.73 10.44	2.11 -0.80 7.92	0.25 -1.45 18.31	4.30 -1.69 16.32	9.67 -1.73 9.17	19.97 -2.32 4.19	34.13 -3.32 2.11	30.84 -3.04 4.92	37.03 -2.46 0.00	26.12 -1.91 0.00
GE_PLASTICS___DRP 24183	23.86 0.13 0.00	16.78 0.15 0.00	22.73 0.27 0.00	19.12 0.23 0.00	20.88 0.21 0.00	23.24 0.22 0.00	15.41 0.11 0.00	14.25 0.09 0.00	17.80 0.07 0.00	16.59 0.03 0.00	20.93 0.05 0.00	22.16 0.06 0.00	14.50 0.07 0.42	15.34 0.08 2.36	9.79 0.06 1.36	10.31 0.06 0.58	17.58 0.12 2.54	20.15 0.11 2.28	20.12 0.08 0.53	26.54 0.06 0.00	39.66 0.11 0.00	38.87 0.07 0.00	39.51 0.02 0.00	28.09 0.07 0.00
GILBOA___1 23756	23.94 0.22 0.00	16.84 0.20 0.00	22.86 0.40 0.00	19.21 0.32 0.00	20.98 0.31 0.00	23.34 0.32 0.00	15.44 0.14 0.00	14.29 0.13 0.00	17.86 0.14 0.00	16.68 0.12 0.00	21.05 0.17 0.00	22.28 0.18 0.00	14.26 0.15 0.73	13.67 0.18 4.13	8.84 0.12 2.38	9.94 0.12 1.01	15.76 0.21 4.45	18.54 0.21 3.99	19.85 0.20 0.93	26.71 0.23 0.00	39.88 0.33 0.00	39.06 0.26 0.00	39.73 0.24 0.00	28.23 0.21 0.00
GILBOA___2 23757	23.94 0.22 0.00	16.84 0.20 0.00	22.86 0.40 0.00	19.21 0.32 0.00	20.98 0.31 0.00	23.34 0.32 0.00	15.44 0.14 0.00	14.29 0.13 0.00	17.86 0.14 0.00	16.68 0.12 0.00	21.05 0.17 0.00	22.28 0.18 0.00	14.26 0.15 0.73	13.67 0.18 4.13	8.84 0.12 2.38	9.94 0.12 1.01	15.76 0.21 4.45	18.54 0.21 3.99	19.85 0.20 0.93	26.71 0.23 0.00	39.88 0.33 0.00	39.06 0.26 0.00	39.73 0.24 0.00	28.23 0.21 0.00
GILBOA___3 23758	23.94 0.22 0.00	16.84 0.20 0.00	22.86 0.40 0.00	19.21 0.32 0.00	20.98 0.31 0.00	23.34 0.32 0.00	15.44 0.14 0.00	14.29 0.13 0.00	17.86 0.14 0.00	16.68 0.12 0.00	21.05 0.17 0.00	22.28 0.18 0.00	14.26 0.15 0.73	13.67 0.18 4.13	8.84 0.12 2.38	9.94 0.12 1.01	15.76 0.21 4.45	18.54 0.21 3.99	19.85 0.20 0.93	26.71 0.23 0.00	39.88 0.33 0.00	39.06 0.26 0.00	39.73 0.24 0.00	28.23 0.21 0.00
GILBOA___4 23759	23.94 0.22 0.00	16.84 0.20 0.00	22.86 0.40 0.00	19.21 0.32 0.00	20.98 0.31 0.00	23.34 0.32 0.00	15.44 0.14 0.00	14.29 0.13 0.00	17.86 0.14 0.00	16.68 0.12 0.00	21.05 0.17 0.00	22.28 0.18 0.00	14.26 0.15 0.73	13.67 0.18 4.13	8.84 0.12 2.38	9.94 0.12 1.01	15.76 0.21 4.45	18.54 0.21 3.99	19.85 0.20 0.93	26.71 0.23 0.00	39.88 0.33 0.00	39.06 0.26 0.00	39.73 0.24 0.00	28.23 0.21 0.00

GILBOA____ 23599	23.95 0.23 0.00	16.83 0.20 0.00	22.86 0.40 0.00	19.21 0.32 0.00	20.98 0.31 0.00	23.35 0.32 0.00	15.44 0.14 0.00	14.29 0.13 0.00	17.86 0.14 0.00	16.68 0.12 0.00	21.06 0.18 0.00	22.28 0.18 0.00	14.26 0.15 0.73	13.67 0.18 4.13	8.84 0.12 2.38	9.94 0.12 1.01	15.76 0.21 4.45	18.54 0.21 3.99	19.85 0.21 0.93	26.71 0.23 0.00	39.89 0.33 0.00	39.06 0.26 0.00	39.73 0.24 0.00	28.24 0.21 0.00
GINNA____ 23603	21.40 -2.32 0.00	14.96 -1.68 0.00	20.21 -2.24 0.00	16.98 -1.91 0.00	18.57 -2.11 0.00	20.66 -2.36 0.00	13.72 -1.57 0.00	12.73 -1.44 0.00	15.99 -1.73 0.00	14.93 -1.62 0.00	18.73 -2.06 0.08	19.69 -2.17 0.24	10.01 -1.58 3.26	-0.50 -1.63 16.50	0.58 -1.01 9.51	5.78 -1.00 4.04	0.41 -1.82 17.78	4.37 -2.05 15.91	14.90 -1.96 3.72	23.93 -2.55 0.00	35.68 -3.69 0.18	34.49 -3.58 0.72	35.96 -3.40 0.13	25.43 -2.54 0.06
GLEN PARK____ 23778	23.59 -0.14 0.00	16.52 -0.12 0.00	22.29 -0.17 0.00	18.73 -0.17 0.00	20.49 -0.18 0.00	22.84 -0.19 0.00	15.20 -0.09 0.00	14.04 -0.12 0.00	17.49 -0.24 0.00	16.37 -0.18 0.00	20.55 -0.33 0.00	21.60 -0.50 0.00	10.21 -0.53 4.10	-6.19 -0.73 23.08	-2.64 -0.43 13.31	4.77 -0.40 5.65	-5.36 -0.49 24.87	-0.26 -0.32 22.25	15.11 -0.26 5.21	26.46 -0.02 0.00	39.74 0.18 0.00	39.01 0.21 0.00	39.40 -0.09 0.00	27.75 -0.28 0.00
GLENDALE_27_KV_LOAD 356172	24.87 1.15 0.00	17.49 0.85 0.00	23.70 1.24 -0.01	19.92 1.02 -0.01	21.69 1.01 -0.01	24.12 1.10 0.00	16.05 0.75 -0.01	14.85 0.68 -0.01	18.59 0.85 -0.01	17.38 0.82 0.00	22.05 1.18 0.00	23.31 1.21 0.00	15.15 0.89 0.59	15.34 1.03 3.31	9.86 0.66 1.91	10.67 0.66 0.81	17.59 1.16 3.57	20.38 1.26 3.19	20.98 1.15 0.75	27.87 1.39 0.00	41.50 1.94 0.00	40.50 1.70 0.00	41.18 1.69 0.00	29.32 1.29 0.00
GLENWOOD_IC_1_G5 23712	50.92 1.24 -25.96	23.46 0.83 -5.99	23.64 1.19 0.00	21.83 0.98 -1.96	21.63 0.95 0.00	24.07 1.05 0.00	15.97 0.67 0.00	14.76 0.60 0.00	18.47 0.74 0.00	17.30 0.74 0.00	29.67 1.18 -7.61	29.31 1.24 -5.98	21.18 0.89 -5.45	15.43 1.00 3.18	9.80 0.61 1.90	11.16 0.65 0.31	18.05 1.08 3.04	20.22 1.08 3.18	20.87 1.04 0.75	27.76 1.28 0.00	41.45 1.89 0.00	40.39 1.60 0.00	40.99 1.50 0.00	29.22 1.20 0.00
GLENWOOD_IC_2_G1 23688	24.84 1.11 0.00	17.40 0.77 0.00	23.55 1.10 0.00	19.80 0.90 0.00	21.55 0.88 0.00	23.98 0.96 0.00	15.92 0.62 0.00	14.72 0.56 0.00	18.40 0.68 0.00	17.23 0.68 0.00	21.94 1.07 0.00	23.21 1.11 0.00	15.07 0.81 0.59	15.23 0.92 3.31	9.75 0.57 1.91	10.61 0.60 0.81	17.43 1.00 3.57	20.20 1.07 3.19	20.81 0.98 0.75	27.67 1.19 0.00	41.29 1.73 0.00	40.29 1.49 0.00	40.94 1.45 0.00	29.12 1.09 0.00
GLENWOOD_IC_3_G1 23689	24.84 1.11 0.00	17.40 0.77 0.00	23.55 1.10 0.00	19.80 0.90 0.00	21.55 0.88 0.00	23.98 0.96 0.00	15.92 0.62 0.00	14.72 0.56 0.00	18.40 0.68 0.00	17.23 0.68 0.00	21.94 1.07 0.00	23.21 1.11 0.00	15.07 0.81 0.59	15.23 0.92 3.31	9.75 0.57 1.91	10.61 0.60 0.81	17.43 1.00 3.57	20.20 1.07 3.19	20.81 0.98 0.75	27.67 1.19 0.00	41.29 1.73 0.00	40.29 1.49 0.00	40.94 1.45 0.00	29.12 1.09 0.00
GLENWOOD___4 23550	50.92 1.24 -25.96	23.46 0.83 -5.99	23.64 1.19 0.00	21.83 0.98 -1.96	21.63 0.95 0.00	24.07 1.05 0.00	15.97 0.67 0.00	14.76 0.60 0.00	18.47 0.74 0.00	17.30 0.74 0.00	29.67 1.18 -7.61	29.31 1.24 -5.98	21.18 0.89 -5.45	15.43 1.00 3.18	9.80 0.61 1.90	11.16 0.65 0.31	18.05 1.09 3.04	20.24 1.11 3.18	20.87 1.04 0.75	27.76 1.28 0.00	41.45 1.89 0.00	40.41 1.62 0.00	41.02 1.54 0.00	29.22 1.20 0.00
GLENWOOD___5 23614	50.92 1.24 -25.96	23.46 0.83 -5.99	23.64 1.19 0.00	21.83 0.98 -1.96	21.63 0.95 0.00	24.07 1.05 0.00	15.97 0.67 0.00	14.76 0.60 0.00	18.47 0.74 0.00	17.30 0.74 0.00	29.67 1.18 -7.61	29.31 1.24 -5.98	21.18 0.89 -5.45	15.43 1.00 3.18	9.80 0.61 1.90	11.16 0.65 0.31	18.05 1.09 3.04	20.24 1.11 3.18	20.87 1.04 0.75	27.76 1.28 0.00	41.45 1.89 0.00	40.41 1.62 0.00	41.02 1.54 0.00	29.22 1.20 0.00
GLOBAL GREEN_PORT_GT1 23814	12.17 1.94 13.49	14.84 1.32 3.11	24.44 1.99 0.00	19.39 1.51 1.02	22.04 1.37 0.00	24.53 1.51 0.00	16.23 0.93 0.00	14.88 0.72 0.00	18.68 0.96 0.00	17.43 0.87 0.00	18.32 1.40 3.95	20.22 1.23 3.11	12.05 0.93 3.73	15.24 1.00 3.38	9.71 0.52 1.91	10.43 0.65 1.05	17.26 1.10 3.84	20.42 1.29 3.20	21.05 1.22 0.75	28.14 1.66 0.00	42.14 2.58 0.00	41.27 2.48 0.00	42.09 2.60 0.00	29.62 1.60 0.00
GLOBE___DSASP 323697	13.70 -2.57 7.45	12.45 -1.94 2.26	13.46 -2.52 6.47	15.07 -2.23 1.60	17.51 -2.48 0.68	14.28 -2.74 6.01	11.63 -1.87 1.79	5.81 -1.67 6.69	8.95 -2.01 6.76	13.09 -1.95 1.52	16.15 -2.44 2.28	17.20 -2.51 2.39	9.38 -1.88 3.58	-0.40 -1.57 16.45	0.14 -0.97 9.99	2.77 -1.05 7.01	0.40 -1.88 17.72	4.33 -2.19 15.81	10.28 -2.36 7.94	19.94 -3.21 3.33	33.22 -4.66 1.68	30.46 -4.36 3.97	35.81 -3.69 0.00	25.25 -2.78 0.00
GOETHSLN___LBMP 323567	24.70 0.98 0.00	17.37 0.73 0.00	23.48 1.03 0.00	19.74 0.84 0.00	21.49 0.82 0.00	23.91 0.88 0.00	15.90 0.60 0.00	14.71 0.55 0.00	18.41 0.69 0.00	17.22 0.67 0.00	21.84 0.97 0.00	23.11 1.01 0.00	14.99 0.73 0.59	15.17 0.86 3.31	9.74 0.55 1.91	10.57 0.56 0.81	17.38 0.95 3.57	20.16 1.03 3.19	20.79 0.96 0.75	27.63 1.15 0.00	41.17 1.61 0.00	40.18 1.38 0.00	40.84 1.35 0.00	29.04 1.02 0.00
GOLAH___69_KV_TB 1_2 80279	22.32 -1.40 0.00	15.59 -1.05 0.00	21.06 -1.39 0.00	17.68 -1.21 0.00	19.33 -1.34 0.00	21.51 -1.51 0.00	14.28 -1.01 0.00	13.25 -0.91 0.00	16.65 -1.08 0.00	15.53 -1.02 0.00	19.46 -1.33 0.09	20.44 -1.39 0.27	10.52 -1.08 3.25	0.48 -0.93 16.21	1.18 -0.57 9.35	6.25 -0.61 3.97	1.51 -1.03 17.47	5.52 -1.17 15.63	15.73 -1.19 3.66	24.90 -1.59 0.00	37.25 -2.23 0.08	36.12 -2.07 0.60	37.76 -1.73 0.00	26.63 -1.40 0.00
GOODYEAR_LAKE_HYD 323669	24.15 0.43 0.00	16.93 0.29 0.00	22.88 0.43 0.00	19.22 0.33 0.00	20.98 0.31 0.00	23.38 0.36 0.00	15.52 0.22 0.00	14.39 0.23 0.00	18.06 0.33 0.00	16.88 0.32 0.00	21.29 0.41 0.00	22.49 0.39 0.00	13.53 0.23 1.55	9.21 0.29 8.70	6.28 0.20 5.02	8.88 0.19 2.13	10.91 0.28 9.37	14.26 0.33 8.39	19.00 0.39 1.96	27.01 0.53 0.00	40.34 0.78 0.00	39.52 0.72 0.00	40.22 0.72 0.00	28.49 0.46 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	23.15 -0.57 0.00	16.24 -0.40 0.00	22.03 -0.42 0.00	18.49 -0.40 0.00	20.19 -0.48 0.00	22.50 -0.52 0.00	14.89 -0.40 0.00	13.82 -0.34 0.00	17.31 -0.41 0.00	16.12 -0.43 0.00	20.24 -0.57 0.07	21.26 -0.61 0.22	10.77 -0.45 3.62	-1.47 -0.39 18.70	0.07 -0.25 10.78	6.01 -0.24 4.58	-0.65 -0.51 20.15	3.70 -0.60 18.02	15.85 -0.51 4.22	25.87 -0.61 0.00	38.51 -0.98 0.07	37.32 -0.98 0.49	38.61 -0.88 0.00	27.42 -0.61 0.00

GOUDEY___7 23579	23.15 -0.57 0.00	16.24 -0.40 0.00	22.03 -0.42 0.00	18.49 -0.40 0.00	20.19 -0.48 0.00	22.50 -0.52 0.00	14.89 -0.40 0.00	13.82 -0.34 0.00	17.31 -0.41 0.00	16.12 -0.43 0.00	20.24 -0.57 0.07	21.26 -0.61 0.22	10.77 -0.45 3.62	-1.47 -0.39 18.70	0.07 -0.25 10.78	6.01 -0.24 4.58	-0.65 -0.51 20.15	3.70 -0.60 18.02	15.85 -0.51 4.22	25.87 -0.61 0.00	38.51 -0.98 0.07	37.32 -0.98 0.49	38.61 -0.88 0.00	27.42 -0.61 0.00
GOUDEY___8 23580	23.15 -0.57 0.00	16.24 -0.40 0.00	22.03 -0.42 0.00	18.49 -0.40 0.00	20.19 -0.48 0.00	22.50 -0.52 0.00	14.89 -0.40 0.00	13.82 -0.34 0.00	17.31 -0.41 0.00	16.12 -0.43 0.00	20.24 -0.57 0.07	21.26 -0.61 0.22	10.77 -0.45 3.62	-1.47 -0.39 18.70	0.07 -0.25 10.78	6.01 -0.24 4.58	-0.65 -0.51 20.15	3.70 -0.60 18.02	15.85 -0.51 4.22	25.87 -0.61 0.00	38.51 -0.98 0.07	37.32 -0.98 0.49	38.61 -0.88 0.00	27.42 -0.61 0.00
GOWANUS_GT1_1 24077	24.74 1.02 0.00	17.45 0.81 0.00	23.75 1.29 -0.01	19.97 1.07 -0.01	21.74 1.07 -0.01	24.19 1.17 0.00	16.08 0.78 -0.01	14.88 0.71 -0.01	18.62 0.89 -0.01	17.38 0.82 0.00	22.02 1.14 0.00	23.28 1.18 0.00	15.13 0.87 0.59	15.31 1.00 3.31	9.84 0.65 1.91	10.66 0.65 0.81	17.54 1.11 3.57	20.35 1.23 3.19	20.96 1.13 0.75	27.87 1.39 0.00	41.49 1.94 0.00	40.49 1.69 0.00	41.19 1.70 0.00	29.32 1.29 0.00
GOWANUS_GT1_2 24078	24.74 1.02 0.00	17.45 0.81 0.00	23.75 1.29 -0.01	19.97 1.07 -0.01	21.74 1.07 -0.01	24.19 1.17 0.00	16.08 0.78 -0.01	14.88 0.71 -0.01	18.62 0.89 -0.01	17.38 0.82 0.00	22.02 1.14 0.00	23.28 1.18 0.00	15.13 0.87 0.59	15.31 1.00 3.31	9.84 0.65 1.91	10.66 0.65 0.81	17.54 1.11 3.57	20.35 1.23 3.19	20.96 1.13 0.75	27.87 1.39 0.00	41.49 1.94 0.00	40.49 1.69 0.00	41.19 1.70 0.00	29.32 1.29 0.00
GOWANUS_GT1_3 24079	24.74 1.02 0.00	17.45 0.81 0.00	23.75 1.29 -0.01	19.97 1.07 -0.01	21.74 1.07 -0.01	24.19 1.17 0.00	16.08 0.78 -0.01	14.88 0.71 -0.01	18.62 0.89 -0.01	17.38 0.82 0.00	22.02 1.14 0.00	23.28 1.18 0.00	15.13 0.87 0.59	15.31 1.00 3.31	9.84 0.65 1.91	10.66 0.65 0.81	17.54 1.11 3.57	20.35 1.23 3.19	20.96 1.13 0.75	27.87 1.39 0.00	41.49 1.94 0.00	40.49 1.69 0.00	41.19 1.70 0.00	29.32 1.29 0.00
GOWANUS_GT1_4 24080	24.74 1.02 0.00	17.45 0.81 0.00	23.75 1.29 -0.01	19.97 1.07 -0.01	21.74 1.07 -0.01	24.19 1.17 0.00	16.08 0.78 -0.01	14.88 0.71 -0.01	18.62 0.89 -0.01	17.38 0.82 0.00	22.02 1.14 0.00	23.28 1.18 0.00	15.13 0.87 0.59	15.31 1.00 3.31	9.84 0.65 1.91	10.66 0.65 0.81	17.54 1.11 3.57	20.35 1.23 3.19	20.96 1.13 0.75	27.87 1.39 0.00	41.49 1.94 0.00	40.49 1.69 0.00	41.19 1.70 0.00	29.32 1.29 0.00
GOWANUS_GT1_5 24084	24.74 1.02 0.00	17.45 0.81 0.00	23.75 1.29 -0.01	19.97 1.07 -0.01	21.74 1.07 -0.01	24.19 1.17 0.00	16.08 0.78 -0.01	14.88 0.71 -0.01	18.62 0.89 -0.01	17.38 0.82 0.00	22.02 1.14 0.00	23.28 1.18 0.00	15.13 0.87 0.59	15.31 1.00 3.31	9.84 0.65 1.91	10.66 0.65 0.81	17.54 1.11 3.57	20.35 1.23 3.19	20.96 1.13 0.75	27.87 1.39 0.00	41.49 1.94 0.00	40.49 1.69 0.00	41.19 1.70 0.00	29.32 1.29 0.00
GOWANUS_GT1_6 24111	24.74 1.02 0.00	17.45 0.81 0.00	23.75 1.29 -0.01	19.97 1.07 -0.01	21.74 1.07 -0.01	24.19 1.17 0.00	16.08 0.78 -0.01	14.88 0.71 -0.01	18.62 0.89 -0.01	17.38 0.82 0.00	22.02 1.14 0.00	23.28 1.18 0.00	15.13 0.87 0.59	15.31 1.00 3.31	9.84 0.65 1.91	10.66 0.65 0.81	17.54 1.11 3.57	20.35 1.23 3.19	20.96 1.13 0.75	27.87 1.39 0.00	41.49 1.94 0.00	40.49 1.69 0.00	41.19 1.70 0.00	29.32 1.29 0.00
GOWANUS_GT1_7 24112	24.74 1.02 0.00	17.45 0.81 0.00	23.75 1.29 -0.01	19.97 1.07 -0.01	21.74 1.07 -0.01	24.19 1.17 0.00	16.08 0.78 -0.01	14.88 0.71 -0.01	18.62 0.89 -0.01	17.38 0.82 0.00	22.02 1.14 0.00	23.28 1.18 0.00	15.13 0.87 0.59	15.31 1.00 3.31	9.84 0.65 1.91	10.66 0.65 0.81	17.54 1.11 3.57	20.35 1.23 3.19	20.96 1.13 0.75	27.87 1.39 0.00	41.49 1.94 0.00	40.49 1.69 0.00	41.19 1.70 0.00	29.32 1.29 0.00
GOWANUS_GT1_8 24113	24.74 1.02 0.00	17.45 0.81 0.00	23.75 1.29 -0.01	19.97 1.07 -0.01	21.74 1.07 -0.01	24.19 1.17 0.00	16.08 0.78 -0.01	14.88 0.71 -0.01	18.62 0.89 -0.01	17.38 0.82 0.00	22.02 1.14 0.00	23.28 1.18 0.00	15.13 0.87 0.59	15.31 1.00 3.31	9.84 0.65 1.91	10.66 0.65 0.81	17.54 1.11 3.57	20.35 1.23 3.19	20.96 1.13 0.75	27.87 1.39 0.00	41.49 1.94 0.00	40.49 1.69 0.00	41.19 1.70 0.00	29.32 1.29 0.00
GOWANUS_GT2_1 24114	24.75 1.03 0.00	17.46 0.82 0.00	23.75 1.29 -0.01	19.97 1.07 -0.01	21.74 1.06 -0.01	24.18 1.16 0.00	16.08 0.78 -0.01	14.88 0.71 -0.01	18.62 0.89 -0.01	17.38 0.82 0.00	22.02 1.14 0.00	23.29 1.19 0.00	15.13 0.87 0.59	15.32 1.01 3.31	9.85 0.66 1.91	10.66 0.65 0.81	17.55 1.12 3.57	20.37 1.24 3.19	20.96 1.14 0.75	27.88 1.40 0.00	41.49 1.93 0.00	40.49 1.69 0.00	41.19 1.70 0.00	29.32 1.29 0.00
GOWANUS_GT2_2 24115	24.75 1.03 0.00	17.46 0.82 0.00	23.75 1.29 -0.01	19.97 1.07 -0.01	21.74 1.06 -0.01	24.18 1.16 0.00	16.08 0.78 -0.01	14.88 0.71 -0.01	18.62 0.89 -0.01	17.38 0.82 0.00	22.02 1.14 0.00	23.29 1.19 0.00	15.13 0.87 0.59	15.32 1.01 3.31	9.85 0.66 1.91	10.66 0.65 0.81	17.55 1.12 3.57	20.37 1.24 3.19	20.96 1.14 0.75	27.88 1.40 0.00	41.49 1.93 0.00	40.49 1.69 0.00	41.19 1.70 0.00	29.32 1.29 0.00
GOWANUS_GT2_3 24116	24.75 1.03 0.00	17.46 0.82 0.00	23.75 1.29 -0.01	19.97 1.07 -0.01	21.74 1.06 -0.01	24.18 1.16 0.00	16.08 0.78 -0.01	14.88 0.71 -0.01	18.62 0.89 -0.01	17.38 0.82 0.00	22.02 1.14 0.00	23.29 1.19 0.00	15.13 0.87 0.59	15.32 1.01 3.31	9.85 0.66 1.91	10.66 0.65 0.81	17.55 1.12 3.57	20.37 1.24 3.19	20.96 1.14 0.75	27.88 1.40 0.00	41.49 1.93 0.00	40.49 1.69 0.00	41.19 1.70 0.00	29.32 1.29 0.00
GOWANUS_GT2_4 24117	24.75 1.03 0.00	17.46 0.82 0.00	23.75 1.29 -0.01	19.97 1.07 -0.01	21.74 1.06 -0.01	24.18 1.16 0.00	16.08 0.78 -0.01	14.88 0.71 -0.01	18.62 0.89 -0.01	17.38 0.82 0.00	22.02 1.14 0.00	23.29 1.19 0.00	15.13 0.87 0.59	15.32 1.01 3.31	9.85 0.66 1.91	10.66 0.65 0.81	17.55 1.12 3.57	20.37 1.24 3.19	20.96 1.14 0.75	27.88 1.40 0.00	41.49 1.93 0.00	40.49 1.69 0.00	41.19 1.70 0.00	29.32 1.29 0.00
GOWANUS_GT2_5 24118	24.75 1.03 0.00	17.46 0.82 0.00	23.75 1.29 -0.01	19.97 1.07 -0.01	21.74 1.06 -0.01	24.18 1.16 0.00	16.08 0.78 -0.01	14.88 0.71 -0.01	18.62 0.89 -0.01	17.38 0.82 0.00	22.02 1.14 0.00	23.29 1.19 0.00	15.13 0.87 0.59	15.32 1.01 3.31	9.85 0.66 1.91	10.66 0.65 0.81	17.55 1.12 3.57	20.37 1.24 3.19	20.96 1.14 0.75	27.88 1.40 0.00	41.49 1.93 0.00	40.49 1.69 0.00	41.19 1.70 0.00	29.32 1.29 0.00

GOWANUS_GT2_6 24119	24.75 1.03 0.00	17.46 0.82 0.00	23.75 1.29 -0.01	19.97 1.07 -0.01	21.74 1.06 -0.01	24.18 1.16 0.00	16.08 0.78 -0.01	14.88 0.71 -0.01	18.62 0.89 -0.01	17.38 0.82 0.00	22.02 1.14 0.00	23.29 1.19 0.00	15.13 0.87 0.59	15.32 1.01 3.31	9.85 0.66 1.91	10.66 0.65 0.81	17.55 1.12 3.57	20.37 1.24 3.19	20.96 1.14 0.75	27.88 1.40 0.00	41.49 1.93 0.00	40.49 1.69 0.00	41.19 1.70 0.00	29.32 1.29 0.00
GOWANUS_GT2_7 24120	24.75 1.03 0.00	17.46 0.82 0.00	23.75 1.29 -0.01	19.97 1.07 -0.01	21.74 1.06 -0.01	24.18 1.16 0.00	16.08 0.78 -0.01	14.88 0.71 -0.01	18.62 0.89 -0.01	17.38 0.82 0.00	22.02 1.14 0.00	23.29 1.19 0.00	15.13 0.87 0.59	15.32 1.01 3.31	9.85 0.66 1.91	10.66 0.65 0.81	17.55 1.12 3.57	20.37 1.24 3.19	20.96 1.14 0.75	27.88 1.40 0.00	41.49 1.93 0.00	40.49 1.69 0.00	41.19 1.70 0.00	29.32 1.29 0.00
GOWANUS_GT2_8 24121	24.75 1.03 0.00	17.46 0.82 0.00	23.75 1.29 -0.01	19.97 1.07 -0.01	21.74 1.06 -0.01	24.18 1.16 0.00	16.08 0.78 -0.01	14.88 0.71 -0.01	18.62 0.89 -0.01	17.38 0.82 0.00	22.02 1.14 0.00	23.29 1.19 0.00	15.13 0.87 0.59	15.32 1.01 3.31	9.85 0.66 1.91	10.66 0.65 0.81	17.55 1.12 3.57	20.37 1.24 3.19	20.96 1.14 0.75	27.88 1.40 0.00	41.49 1.93 0.00	40.49 1.69 0.00	41.19 1.70 0.00	29.32 1.29 0.00
GOWANUS_GT3_1 24122	24.74 1.01 0.00	17.45 0.81 0.00	23.75 1.29 -0.01	19.97 1.07 -0.01	21.74 1.07 -0.01	24.19 1.16 0.00	16.08 0.78 -0.01	14.88 0.71 -0.01	18.62 0.89 -0.01	17.38 0.82 0.00	22.02 1.14 0.00	23.28 1.18 0.00	15.13 0.87 0.59	15.32 1.01 3.31	9.84 0.65 1.91	10.66 0.65 0.81	17.55 1.11 3.57	20.36 1.23 3.19	20.96 1.13 0.75	27.87 1.39 0.00	41.49 1.93 0.00	40.49 1.69 0.00	41.19 1.70 0.00	29.32 1.29 0.00
GOWANUS_GT3_2 24123	24.74 1.01 0.00	17.45 0.81 0.00	23.75 1.29 -0.01	19.97 1.07 -0.01	21.74 1.07 -0.01	24.19 1.16 0.00	16.08 0.78 -0.01	14.88 0.71 -0.01	18.62 0.89 -0.01	17.38 0.82 0.00	22.02 1.14 0.00	23.28 1.18 0.00	15.13 0.87 0.59	15.32 1.01 3.31	9.84 0.65 1.91	10.66 0.65 0.81	17.55 1.11 3.57	20.36 1.23 3.19	20.96 1.13 0.75	27.87 1.39 0.00	41.49 1.93 0.00	40.49 1.69 0.00	41.19 1.70 0.00	29.32 1.29 0.00
GOWANUS_GT3_3 24124	24.74 1.01 0.00	17.45 0.81 0.00	23.75 1.29 -0.01	19.97 1.07 -0.01	21.74 1.07 -0.01	24.19 1.16 0.00	16.08 0.78 -0.01	14.88 0.71 -0.01	18.62 0.89 -0.01	17.38 0.82 0.00	22.02 1.14 0.00	23.28 1.18 0.00	15.13 0.87 0.59	15.32 1.01 3.31	9.84 0.65 1.91	10.66 0.65 0.81	17.55 1.11 3.57	20.36 1.23 3.19	20.96 1.13 0.75	27.87 1.39 0.00	41.49 1.93 0.00	40.49 1.69 0.00	41.19 1.70 0.00	29.32 1.29 0.00
GOWANUS_GT3_4 24125	24.74 1.01 0.00	17.45 0.81 0.00	23.75 1.29 -0.01	19.97 1.07 -0.01	21.74 1.07 -0.01	24.19 1.16 0.00	16.08 0.78 -0.01	14.88 0.71 -0.01	18.62 0.89 -0.01	17.38 0.82 0.00	22.02 1.14 0.00	23.28 1.18 0.00	15.13 0.87 0.59	15.32 1.01 3.31	9.84 0.65 1.91	10.66 0.65 0.81	17.55 1.11 3.57	20.36 1.23 3.19	20.96 1.13 0.75	27.87 1.39 0.00	41.49 1.93 0.00	40.49 1.69 0.00	41.19 1.70 0.00	29.32 1.29 0.00
GOWANUS_GT3_5 24126	24.74 1.01 0.00	17.45 0.81 0.00	23.75 1.29 -0.01	19.97 1.07 -0.01	21.74 1.07 -0.01	24.19 1.16 0.00	16.08 0.78 -0.01	14.88 0.71 -0.01	18.62 0.89 -0.01	17.38 0.82 0.00	22.02 1.14 0.00	23.28 1.18 0.00	15.13 0.87 0.59	15.32 1.01 3.31	9.84 0.65 1.91	10.66 0.65 0.81	17.55 1.11 3.57	20.36 1.23 3.19	20.96 1.13 0.75	27.87 1.39 0.00	41.49 1.93 0.00	40.49 1.69 0.00	41.19 1.70 0.00	29.32 1.29 0.00
GOWANUS_GT3_6 24127	24.74 1.01 0.00	17.45 0.81 0.00	23.75 1.29 -0.01	19.97 1.07 -0.01	21.74 1.07 -0.01	24.19 1.16 0.00	16.08 0.78 -0.01	14.88 0.71 -0.01	18.62 0.89 -0.01	17.38 0.82 0.00	22.02 1.14 0.00	23.28 1.18 0.00	15.13 0.87 0.59	15.32 1.01 3.31	9.84 0.65 1.91	10.66 0.65 0.81	17.55 1.11 3.57	20.36 1.23 3.19	20.96 1.13 0.75	27.87 1.39 0.00	41.49 1.93 0.00	40.49 1.69 0.00	41.19 1.70 0.00	29.32 1.29 0.00
GOWANUS_GT3_7 24128	24.74 1.01 0.00	17.45 0.81 0.00	23.75 1.29 -0.01	19.97 1.07 -0.01	21.74 1.07 -0.01	24.19 1.16 0.00	16.08 0.78 -0.01	14.88 0.71 -0.01	18.62 0.89 -0.01	17.38 0.82 0.00	22.02 1.14 0.00	23.28 1.18 0.00	15.13 0.87 0.59	15.32 1.01 3.31	9.84 0.65 1.91	10.66 0.65 0.81	17.55 1.11 3.57	20.36 1.23 3.19	20.96 1.13 0.75	27.87 1.39 0.00	41.49 1.93 0.00	40.49 1.69 0.00	41.19 1.70 0.00	29.32 1.29 0.00
GOWANUS_GT3_8 24129	24.74 1.01 0.00	17.45 0.81 0.00	23.75 1.29 -0.01	19.97 1.07 -0.01	21.74 1.07 -0.01	24.19 1.16 0.00	16.08 0.78 -0.01	14.88 0.71 -0.01	18.62 0.89 -0.01	17.38 0.82 0.00	22.02 1.14 0.00	23.28 1.18 0.00	15.13 0.87 0.59	15.32 1.01 3.31	9.84 0.65 1.91	10.66 0.65 0.81	17.55 1.11 3.57	20.36 1.23 3.19	20.96 1.13 0.75	27.87 1.39 0.00	41.49 1.93 0.00	40.49 1.69 0.00	41.19 1.70 0.00	29.32 1.29 0.00
GOWANUS_GT4_1 24130	24.75 1.03 0.00	17.46 0.82 0.00	23.75 1.29 -0.01	19.97 1.07 -0.01	21.74 1.06 -0.01	24.19 1.16 0.00	16.08 0.78 -0.01	14.88 0.71 -0.01	18.62 0.89 -0.01	17.38 0.82 0.00	22.02 1.15 0.00	23.30 1.19 0.00	15.13 0.87 0.59	15.31 1.00 3.31	9.84 0.65 1.91	10.66 0.65 0.81	17.55 1.11 3.57	20.36 1.23 3.19	20.97 1.14 0.75	27.88 1.40 0.00	41.49 1.94 0.00	40.49 1.69 0.00	41.19 1.70 0.00	29.32 1.29 0.00
GOWANUS_GT4_2 24131	24.75 1.03 0.00	17.46 0.82 0.00	23.75 1.29 -0.01	19.97 1.07 -0.01	21.74 1.06 -0.01	24.19 1.16 0.00	16.08 0.78 -0.01	14.88 0.71 -0.01	18.62 0.89 -0.01	17.38 0.82 0.00	22.02 1.15 0.00	23.30 1.19 0.00	15.13 0.87 0.59	15.31 1.00 3.31	9.84 0.65 1.91	10.66 0.65 0.81	17.55 1.11 3.57	20.36 1.23 3.19	20.97 1.14 0.75	27.88 1.40 0.00	41.49 1.94 0.00	40.49 1.69 0.00	41.19 1.70 0.00	29.32 1.29 0.00
GOWANUS_GT4_3 24132	24.75 1.03 0.00	17.46 0.82 0.00	23.75 1.29 -0.01	19.97 1.07 -0.01	21.74 1.06 -0.01	24.19 1.16 0.00	16.08 0.78 -0.01	14.88 0.71 -0.01	18.62 0.89 -0.01	17.38 0.82 0.00	22.02 1.15 0.00	23.30 1.19 0.00	15.13 0.87 0.59	15.31 1.00 3.31	9.84 0.65 1.91	10.66 0.65 0.81	17.55 1.11 3.57	20.36 1.23 3.19	20.97 1.14 0.75	27.88 1.40 0.00	41.49 1.94 0.00	40.49 1.69 0.00	41.19 1.70 0.00	29.32 1.29 0.00
GOWANUS_GT4_4 24133	24.75 1.03 0.00	17.46 0.82 0.00	23.75 1.29 -0.01	19.97 1.07 -0.01	21.74 1.06 -0.01	24.19 1.16 0.00	16.08 0.78 -0.01	14.88 0.71 -0.01	18.62 0.89 -0.01	17.38 0.82 0.00	22.02 1.15 0.00	23.30 1.19 0.00	15.13 0.87 0.59	15.31 1.00 3.31	9.84 0.65 1.91	10.66 0.65 0.81	17.55 1.11 3.57	20.36 1.23 3.19	20.97 1.14 0.75	27.88 1.40 0.00	41.49 1.94 0.00	40.49 1.69 0.00	41.19 1.70 0.00	29.32 1.29 0.00

GOWANUS_GT4_5 24134	24.75 1.03 0.00	17.46 0.82 0.00	23.75 1.29 -0.01	19.97 1.07 -0.01	21.74 1.06 -0.01	24.19 1.16 0.00	16.08 0.78 -0.01	14.88 0.71 -0.01	18.62 0.89 -0.01	17.38 0.82 0.00	22.02 1.15 0.00	23.30 1.19 0.00	15.13 0.87 0.59	15.31 1.00 3.31	9.84 0.65 1.91	10.66 0.65 0.81	17.55 1.11 3.57	20.36 1.23 3.19	20.97 1.14 0.75	27.88 1.40 0.00	41.49 1.94 0.00	40.49 1.69 0.00	41.19 1.70 0.00	29.32 1.29 0.00
GOWANUS_GT4_6 24135	24.75 1.03 0.00	17.46 0.82 0.00	23.75 1.29 -0.01	19.97 1.07 -0.01	21.74 1.06 -0.01	24.19 1.16 0.00	16.08 0.78 -0.01	14.88 0.71 -0.01	18.62 0.89 -0.01	17.38 0.82 0.00	22.02 1.15 0.00	23.30 1.19 0.00	15.13 0.87 0.59	15.31 1.00 3.31	9.84 0.65 1.91	10.66 0.65 0.81	17.55 1.11 3.57	20.36 1.23 3.19	20.97 1.14 0.75	27.88 1.40 0.00	41.49 1.94 0.00	40.49 1.69 0.00	41.19 1.70 0.00	29.32 1.29 0.00
GOWANUS_GT4_7 24136	24.75 1.03 0.00	17.46 0.82 0.00	23.75 1.29 -0.01	19.97 1.07 -0.01	21.74 1.06 -0.01	24.19 1.16 0.00	16.08 0.78 -0.01	14.88 0.71 -0.01	18.62 0.89 -0.01	17.38 0.82 0.00	22.02 1.15 0.00	23.30 1.19 0.00	15.13 0.87 0.59	15.31 1.00 3.31	9.84 0.65 1.91	10.66 0.65 0.81	17.55 1.11 3.57	20.36 1.23 3.19	20.97 1.14 0.75	27.88 1.40 0.00	41.49 1.94 0.00	40.49 1.69 0.00	41.19 1.70 0.00	29.32 1.29 0.00
GOWANUS_GT4_8 24137	24.75 1.03 0.00	17.46 0.82 0.00	23.75 1.29 -0.01	19.97 1.07 -0.01	21.74 1.06 -0.01	24.19 1.16 0.00	16.08 0.78 -0.01	14.88 0.71 -0.01	18.62 0.89 -0.01	17.38 0.82 0.00	22.02 1.15 0.00	23.30 1.19 0.00	15.13 0.87 0.59	15.31 1.00 3.31	9.84 0.65 1.91	10.66 0.65 0.81	17.55 1.11 3.57	20.36 1.23 3.19	20.97 1.14 0.75	27.88 1.40 0.00	41.49 1.94 0.00	40.49 1.69 0.00	41.19 1.70 0.00	29.32 1.29 0.00
GREATVR_69_KV_BK1 356245	16.64 1.73 8.81	15.69 1.09 2.03	24.00 1.54 0.00	19.48 1.25 0.66	21.90 1.23 0.00	24.38 1.36 0.00	16.15 0.86 0.00	14.90 0.74 0.00	18.60 0.88 0.00	17.42 0.87 0.00	19.73 1.44 2.58	21.53 1.46 2.03	13.29 1.09 2.64	15.45 1.18 3.36	9.87 0.68 1.91	10.60 0.74 0.96	17.53 1.27 3.75	20.53 1.40 3.20	21.12 1.29 0.75	28.09 1.61 0.00	42.04 2.48 0.00	40.97 2.17 0.00	41.69 2.20 0.00	29.59 1.56 0.00
GREENBSH_115KV_TB3 55895	23.75 0.02 0.00	16.72 0.08 0.00	22.65 0.19 0.00	19.06 0.16 0.00	20.81 0.14 0.00	23.15 0.13 0.00	15.35 0.05 0.00	14.20 0.04 0.00	17.73 0.00 0.00	16.50 -0.06 0.00	20.83 -0.05 0.00	22.05 -0.05 0.00	14.44 0.01 0.42	15.26 -0.01 2.35	9.75 0.01 1.35	10.26 0.01 0.57	17.51 0.03 2.53	20.06 0.00 2.26	20.01 -0.03 0.53	26.40 -0.08 0.00	39.44 -0.12 0.00	38.64 -0.16 0.00	39.27 -0.22 0.00	27.95 -0.08 0.00
GREENDGE_115KV_TB5 80291	36.41 -1.12 -13.80	19.97 -0.83 -4.16	33.25 -1.07 -11.86	20.87 -0.95 -2.93	20.87 -1.05 -1.24	32.88 -1.16 -11.02	17.81 -0.80 -3.31	25.78 -0.67 -12.30	29.38 -0.82 -12.47	18.54 -0.81 -2.80	23.31 -1.09 -3.52	23.19 -1.22 -2.30	8.87 -0.92 5.06	-2.65 -0.92 19.35	0.29 -0.58 10.22	11.02 -0.53 -0.73	-1.87 -1.02 20.86	2.48 -1.12 18.72	23.14 -0.93 -3.49	31.34 -1.26 -6.13	40.13 -1.92 -2.49	39.76 -1.75 -2.71	38.05 -1.44 0.00	26.94 -1.09 0.00
GREENIDGE___3 23582	36.41 -1.12 -13.80	19.97 -0.83 -4.16	33.25 -1.07 -11.86	20.87 -0.95 -2.93	20.87 -1.05 -1.24	32.88 -1.16 -11.02	17.81 -0.80 -3.31	25.78 -0.67 -12.30	29.38 -0.82 -12.47	18.54 -0.81 -2.80	23.31 -1.09 -3.52	23.19 -1.22 -2.30	8.87 -0.92 5.06	-2.65 -0.92 19.35	0.29 -0.58 10.22	11.02 -0.53 -0.73	-1.87 -1.02 20.86	2.48 -1.12 18.72	23.14 -0.93 -3.49	31.34 -1.26 -6.13	40.13 -1.92 -2.49	39.76 -1.75 -2.71	38.05 -1.44 0.00	26.94 -1.09 0.00
GREENIDGE___4 23583	36.41 -1.12 -13.80	19.97 -0.83 -4.16	33.25 -1.07 -11.86	20.87 -0.95 -2.93	20.87 -1.05 -1.24	32.88 -1.15 -11.02	17.81 -0.80 -3.31	25.78 -0.67 -12.30	29.38 -0.82 -12.47	18.55 -0.81 -2.80	23.31 -1.08 -3.52	23.18 -1.22 -2.30	8.86 -0.92 5.06	-2.66 -0.93 19.35	0.29 -0.58 10.22	11.01 -0.54 -0.73	-1.89 -1.04 20.86	2.48 -1.13 18.72	23.14 -0.92 -3.49	31.35 -1.26 -6.13	40.34 -1.92 -2.70	40.09 -1.75 -3.04	38.30 -1.44 -0.24	27.05 -1.08 -0.11
GREENLWN_69_KV_BK 3 55738	14.57 1.38 10.54	15.07 0.86 2.43	23.69 1.24 0.00	19.12 1.02 0.79	21.64 0.97 0.00	24.08 1.06 0.00	15.95 0.65 0.00	14.73 0.56 0.00	18.36 0.63 0.00	17.23 0.67 0.00	19.03 1.24 3.09	20.94 1.27 2.43	12.73 0.93 3.04	15.26 1.00 3.37	9.75 0.57 1.91	10.49 0.66 0.99	17.24 1.02 3.78	20.18 1.06 3.20	20.76 0.93 0.75	27.61 1.13 0.00	41.28 1.72 0.00	40.23 1.44 0.00	40.95 1.46 0.00	29.15 1.12 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	24.75 1.03 0.00	17.46 0.82 0.00	23.75 1.29 -0.01	19.97 1.07 -0.01	21.74 1.06 -0.01	24.19 1.16 0.00	16.08 0.78 -0.01	14.88 0.71 -0.01	18.62 0.89 -0.01	17.38 0.82 0.00	22.02 1.15 0.00	23.30 1.19 0.00	15.13 0.87 0.59	15.31 1.00 3.31	9.84 0.65 1.91	10.66 0.65 0.81	17.55 1.11 3.57	20.36 1.23 3.19	20.97 1.14 0.75	27.88 1.40 0.00	41.49 1.94 0.00	40.49 1.69 0.00	41.19 1.70 0.00	29.32 1.29 0.00
GRISSOM___SOLAR 323813	24.64 0.92 0.00	17.28 0.64 0.00	23.32 0.86 0.00	19.60 0.70 0.00	21.42 0.75 0.00	23.85 0.83 0.00	15.83 0.54 0.00	14.58 0.42 0.00	18.21 0.49 0.00	16.84 0.28 0.00	20.98 0.11 0.00	22.27 0.16 0.00	14.45 0.14 0.54	14.47 -0.12 3.03	9.36 0.01 1.75	10.18 0.10 0.74	17.20 0.46 3.27	19.92 0.52 2.92	20.50 0.60 0.68	27.44 0.97 0.00	41.20 1.64 0.00	40.43 1.63 0.00	41.08 1.60 0.00	29.11 1.08 0.00
GROVEVILLE___HYD 323602	24.81 1.09 0.00	17.43 0.79 0.00	23.57 1.11 0.00	19.80 0.91 0.00	21.58 0.91 0.00	24.02 1.00 0.00	15.96 0.66 0.00	14.77 0.61 0.00	18.48 0.75 0.00	17.26 0.71 0.00	21.89 1.01 0.00	23.17 1.07 0.00	15.01 0.75 0.59	15.20 0.89 3.31	9.77 0.58 1.91	10.59 0.58 0.81	17.46 1.02 3.56	20.25 1.12 3.19	20.89 1.06 0.74	27.78 1.30 0.00	41.46 1.90 0.00	40.48 1.69 0.00	41.12 1.63 0.00	29.19 1.16 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	22.96 -0.76 0.00	16.10 -0.54 0.00	21.76 -0.69 0.00	18.28 -0.62 0.00	19.98 -0.69 0.00	22.25 -0.77 0.00	14.77 -0.53 0.00	13.69 -0.47 0.00	17.16 -0.57 0.00	16.01 -0.55 0.00	20.19 -0.69 0.00	21.34 -0.76 0.00	8.16 -0.56 6.12	-17.42 -0.60 34.44	-9.12 -0.36 19.86	2.04 -0.35 8.43	-17.78 -0.67 37.11	-11.64 -0.76 33.20	12.14 -0.67 7.77	25.62 -0.86 0.00	38.34 -1.22 0.00	37.60 -1.20 0.00	38.36 -1.13 0.00	27.17 -0.86 0.00
HAMLTNNY_34_KV_TB 80303	22.79 -0.93 0.00	15.97 -0.66 0.00	21.59 -0.87 0.00	18.13 -0.77 0.00	19.83 -0.84 0.00	22.07 -0.95 0.00	14.65 -0.65 0.00	13.57 -0.59 0.00	17.03 -0.70 0.00	15.90 -0.66 0.00	20.05 -0.83 0.00	21.18 -0.92 0.00	8.35 -0.69 5.80	-15.74 -0.71 32.64	-8.14 -0.42 18.82	2.42 -0.41 7.99	-15.96 -0.79 35.17	-10.03 -0.89 31.47	12.42 -0.80 7.36	25.44 -1.05 0.00	38.09 -1.47 0.00	37.37 -1.42 0.00	38.14 -1.36 0.00	27.01 -1.02 0.00

HAMPSHIRE___PAPER_HYD 323593	23.43 -0.30 0.00	16.35 -0.29 0.00	21.97 -0.48 0.00	18.49 -0.41 0.00	20.24 -0.43 0.00	22.59 -0.43 0.00	15.14 -0.16 0.00	14.00 -0.16 0.00	17.51 -0.21 0.00	16.39 -0.16 0.00	20.61 -0.27 0.00	21.76 -0.34 0.00	12.61 -0.31 1.93	6.25 -0.52 10.84	4.49 -0.35 6.25	7.81 -0.36 2.65	7.80 -0.52 11.68	11.48 -0.38 10.45	17.79 -0.34 2.45	26.23 -0.25 0.00	39.18 -0.38 0.00	38.60 -0.20 0.00	39.10 -0.39 0.00	27.62 -0.41 0.00
HARDSCRABBLE_WT_PWR 323673	23.45 -0.28 0.00	16.49 -0.15 0.00	22.45 -0.01 0.00	18.91 0.02 0.00	20.64 -0.03 0.00	22.96 -0.06 0.00	15.18 -0.11 0.00	14.02 -0.14 0.00	17.47 -0.25 0.00	16.19 -0.36 0.00	20.31 -0.57 0.00	21.53 -0.57 0.00	13.92 -0.35 0.58	13.83 -0.54 3.25	8.91 -0.31 1.88	9.75 -0.28 0.79	15.95 -0.55 3.50	18.56 -0.63 3.13	19.40 -0.44 0.73	26.09 -0.39 0.00	39.14 -0.42 0.00	38.41 -0.39 0.00	38.86 -0.63 0.00	27.67 -0.36 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	24.68 0.96 0.00	17.33 0.69 0.00	23.41 0.96 0.00	19.67 0.78 0.00	21.44 0.77 0.00	23.87 0.85 0.00	15.87 0.57 0.00	14.69 0.53 0.00	18.36 0.64 0.00	17.17 0.62 0.00	21.76 0.88 0.00	23.04 0.94 0.00	14.88 0.66 0.62	14.90 0.78 3.51	9.60 0.52 2.02	10.48 0.51 0.86	17.11 0.88 3.78	19.92 0.98 3.38	20.72 0.93 0.79	27.62 1.14 0.00	41.20 1.64 0.00	40.22 1.42 0.00	40.87 1.38 0.00	29.01 0.98 0.00
HARSNRAD_115KV_TB1 81005	13.31 -2.27 8.14	12.45 -1.72 2.47	13.15 -2.23 7.08	15.15 -2.00 1.74	17.71 -2.21 0.74	14.03 -2.42 6.57	11.67 -1.66 1.96	5.39 -1.47 7.31	8.57 -1.76 7.39	13.18 -1.72 1.66	16.23 -2.17 2.48	17.33 -2.20 2.58	9.54 -1.68 3.63	-0.46 -1.39 16.69	0.06 -0.86 10.18	2.55 -0.93 7.34	0.36 -1.66 17.98	4.36 -1.92 16.04	10.20 -1.98 8.39	20.06 -2.79 3.64	33.69 -4.05 1.83	30.79 -3.76 4.26	36.39 -3.10 0.00	25.66 -2.37 0.00
HARZA MOOSE___RIVER 24016	23.76 0.03 0.00	16.67 0.04 0.00	22.51 0.06 0.00	18.92 0.02 0.00	20.68 0.01 0.00	23.06 0.04 0.00	15.34 0.05 0.00	14.20 0.04 0.00	17.76 0.04 0.00	16.58 0.03 0.00	20.87 -0.01 0.00	22.04 -0.06 0.00	12.60 -0.12 2.12	5.39 -0.28 11.95	4.01 -0.20 6.89	7.69 -0.20 2.92	6.81 -0.31 12.88	10.65 -0.15 11.52	17.83 -0.05 2.70	26.58 0.10 0.00	39.82 0.26 0.00	39.02 0.22 0.00	39.50 0.00 0.00	27.91 -0.12 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	22.94 -0.79 0.00	16.07 -0.56 0.00	21.75 -0.70 0.00	18.27 -0.62 0.00	19.97 -0.70 0.00	22.23 -0.79 0.00	14.75 -0.55 0.00	13.68 -0.48 0.00	17.12 -0.60 0.00	15.98 -0.57 0.00	20.15 -0.73 0.00	21.31 -0.79 0.00	8.40 -0.57 5.87	-15.98 -0.60 33.01	-8.30 -0.37 19.03	2.39 -0.36 8.08	-16.25 -0.69 35.57	-10.28 -0.78 31.82	12.41 -0.72 7.44	25.56 -0.92 0.00	38.22 -1.34 0.00	37.51 -1.29 0.00	38.31 -1.18 0.00	27.16 -0.87 0.00
HELLGATE_13_KV_LD 55870	24.90 1.17 0.00	17.51 0.87 0.00	23.71 1.25 -0.01	19.93 1.03 -0.01	21.71 1.03 -0.01	24.14 1.12 0.00	16.06 0.75 -0.01	14.86 0.69 -0.01	18.60 0.86 -0.01	17.40 0.84 0.00	22.09 1.21 0.00	23.33 1.23 0.00	15.16 0.90 0.59	15.36 1.05 3.31	9.87 0.68 1.91	10.68 0.67 0.81	17.61 1.18 3.57	20.40 1.28 3.19	21.00 1.17 0.75	27.89 1.41 0.00	41.52 1.96 0.00	40.50 1.70 0.00	41.21 1.72 0.00	29.38 1.35 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	24.90 1.17 0.00	17.51 0.87 0.00	23.71 1.25 -0.01	19.93 1.03 -0.01	21.71 1.03 -0.01	24.14 1.12 0.00	16.06 0.75 -0.01	14.86 0.69 -0.01	18.60 0.86 -0.01	17.40 0.84 0.00	22.09 1.21 0.00	23.33 1.23 0.00	15.16 0.90 0.59	15.36 1.05 3.31	9.87 0.68 1.91	10.68 0.67 0.81	17.61 1.18 3.57	20.40 1.28 3.19	21.00 1.17 0.75	27.89 1.41 0.00	41.52 1.96 0.00	40.50 1.70 0.00	41.21 1.72 0.00	29.38 1.35 0.00
HEMPSTEAD___ 23647	57.04 1.21 -32.10	24.83 0.79 -7.41	23.58 1.13 0.00	22.24 0.93 -2.42	21.56 0.88 0.00	23.99 0.97 0.00	15.90 0.60 0.00	14.70 0.53 0.00	18.37 0.64 0.00	17.21 0.66 0.00	31.42 1.13 -9.41	30.68 1.19 -7.39	22.59 0.87 -6.88	15.40 0.94 3.15	9.74 0.55 1.90	11.28 0.62 0.16	18.09 1.00 2.91	20.18 1.04 3.18	20.76 0.93 0.75	27.63 1.15 0.00	41.28 1.73 0.00	40.25 1.45 0.00	40.90 1.41 0.00	29.12 1.09 0.00
HICKLING___1 23621	28.35 -1.17 -5.80	17.38 -0.86 -1.60	25.48 -1.06 -4.09	18.95 -0.96 -1.01	20.04 -1.06 -0.43	25.65 -1.17 -3.79	15.84 -0.84 -1.38	18.01 -0.70 -4.54	21.75 -0.87 -4.90	16.82 -0.87 -1.14	20.81 -1.16 -1.10	20.92 -1.27 -0.09	8.93 -0.90 5.02	-2.08 -0.89 18.81	0.01 -0.57 10.52	7.57 -0.53 2.72	-1.34 -1.08 20.27	3.06 -1.21 18.06	18.76 -1.00 0.82	27.58 -1.22 -2.32	38.51 -1.96 -0.91	36.63 -1.86 0.31	37.91 -1.58 0.00	26.91 -1.12 0.00
HICKLING___2 23622	28.35 -1.17 -5.80	17.38 -0.86 -1.60	25.48 -1.06 -4.09	18.95 -0.96 -1.01	20.04 -1.06 -0.43	25.65 -1.17 -3.79	15.84 -0.84 -1.38	18.01 -0.70 -4.54	21.75 -0.87 -4.90	16.82 -0.87 -1.14	20.81 -1.16 -1.10	20.92 -1.27 -0.09	8.93 -0.90 5.02	-2.08 -0.89 18.81	0.01 -0.57 10.52	7.57 -0.53 2.72	-1.34 -1.08 20.27	3.06 -1.21 18.06	18.76 -1.00 0.82	27.58 -1.22 -2.32	38.51 -1.96 -0.91	36.63 -1.86 0.31	37.91 -1.58 0.00	26.91 -1.12 0.00
HIGH FALLS___HY 23754	24.85 1.12 0.00	17.43 0.80 0.00	23.55 1.09 0.00	19.78 0.89 0.00	21.55 0.88 0.00	24.00 0.97 0.00	15.96 0.66 0.00	14.78 0.62 0.00	18.48 0.75 0.00	17.26 0.71 0.00	21.85 0.97 0.00	23.11 1.01 0.00	14.96 0.71 0.59	15.14 0.84 3.32	9.75 0.57 1.92	10.58 0.57 0.81	17.41 0.98 3.58	20.21 1.09 3.20	20.88 1.06 0.75	27.84 1.36 0.00	41.58 2.03 0.00	40.58 1.78 0.00	41.23 1.73 0.00	29.24 1.21 0.00
HIGH_RIVER___SOLAR 323847	24.30 0.57 0.00	17.04 0.41 0.00	23.07 0.61 0.00	19.39 0.50 0.00	21.19 0.52 0.00	23.58 0.56 0.00	15.64 0.34 0.00	14.42 0.26 0.00	17.96 0.23 0.00	16.66 0.11 0.00	20.88 0.00 0.00	22.19 0.08 0.00	14.47 0.08 0.46	15.03 -0.02 2.57	9.60 -0.02 1.48	10.24 0.04 0.63	17.49 0.26 2.77	20.16 0.32 2.48	20.36 0.37 0.58	27.06 0.58 0.00	40.54 0.98 0.00	39.76 0.96 0.00	40.43 0.93 0.00	28.69 0.66 0.00
HILLBURN___GT 23639	24.66 0.94 0.00	17.32 0.68 0.00	23.41 0.95 0.00	19.67 0.77 0.00	21.42 0.76 0.00	23.84 0.82 0.00	15.86 0.56 0.00	14.67 0.51 0.00	18.36 0.63 0.00	17.17 0.62 0.00	21.77 0.89 0.00	23.05 0.95 0.00	14.91 0.68 0.62	14.97 0.81 3.46	9.63 0.53 2.00	10.50 0.53 0.85	17.18 0.90 3.73	19.97 0.99 3.34	20.71 0.92 0.78	27.61 1.13 0.00	41.17 1.61 0.00	40.17 1.37 0.00	40.83 1.34 0.00	28.98 0.96 0.00
HILLSIDE_115KV_TB1 80332	26.66 -1.24 -4.18	17.00 -0.88 -1.25	24.94 -1.05 -3.53	18.82 -0.95 -0.87	19.97 -1.07 -0.37	25.13 -1.17 -3.28	15.43 -0.86 -1.00	17.11 -0.73 -3.68	20.56 -0.91 -3.75	16.49 -0.92 -0.84	20.46 -1.21 -0.80	20.70 -1.31 0.08	9.04 -0.92 4.88	-2.15 -0.90 18.87	-0.07 -0.57 10.60	7.30 -0.53 2.99	-1.44 -1.11 20.34	2.84 -1.28 18.20	17.62 -1.08 1.87	26.99 -1.33 -1.84	37.93 -2.15 -0.53	35.82 -2.10 0.88	37.56 -1.93 0.00	26.72 -1.31 0.00

HISHELDN_WT_PWR 323625	-10.03 -2.24 31.51	5.44 -1.66 9.54	-7.07 -2.16 27.37	10.22 -1.93 6.75	15.70 -2.11 2.86	-4.69 -2.29 25.42	6.12 -1.59 7.58	-15.48 -1.36 28.28	-12.56 -1.68 28.60	8.52 -1.63 6.41	9.53 -2.05 9.29	10.92 -2.17 9.02	8.52 -1.60 4.73	-3.25 -1.53 19.34	-3.16 -0.96 13.30	-7.51 -0.99 17.35	-2.66 -1.84 20.83	1.81 -2.06 18.45	-3.62 -1.92 22.27	9.89 -2.52 14.07	29.08 -3.69 6.79	21.05 -3.38 14.37	36.68 -2.81 0.00	25.91 -2.12 0.00
HOLTSVILLE_IC_1 23690	11.46 1.48 13.75	14.39 0.93 3.17	23.79 1.33 0.00	18.94 1.08 1.04	21.71 1.04 0.00	24.15 1.13 0.00	16.00 0.70 0.00	14.76 0.60 0.00	18.41 0.69 0.00	17.24 0.69 0.00	18.07 1.22 4.03	20.16 1.23 3.17	11.99 0.93 3.79	15.22 0.97 3.38	9.72 0.53 1.91	10.39 0.62 1.06	17.16 1.01 3.85	20.27 1.15 3.20	20.86 1.03 0.75	27.72 1.24 0.00	41.48 1.92 0.00	40.44 1.65 0.00	41.21 1.72 0.00	29.26 1.23 0.00
HOLTSVILLE_IC_10 23699	12.72 1.58 12.58	14.73 0.99 2.91	23.87 1.42 0.00	19.09 1.14 0.95	21.77 1.10 0.00	24.24 1.22 0.00	16.06 0.76 0.00	14.81 0.65 0.00	18.48 0.75 0.00	17.30 0.74 0.00	18.47 1.29 3.69	20.50 1.30 2.90	12.32 0.99 3.52	15.28 1.04 3.37	9.75 0.57 1.91	10.44 0.65 1.03	17.25 1.07 3.83	20.37 1.25 3.20	20.96 1.13 0.75	27.85 1.37 0.00	41.68 2.12 0.00	40.63 1.84 0.00	41.40 1.91 0.00	29.38 1.35 0.00
HOLTSVILLE_IC_2 23691	11.46 1.48 13.75	14.39 0.93 3.17	23.79 1.33 0.00	18.94 1.08 1.04	21.71 1.04 0.00	24.15 1.13 0.00	16.00 0.70 0.00	14.76 0.60 0.00	18.41 0.69 0.00	17.24 0.69 0.00	18.07 1.22 4.03	20.16 1.23 3.17	11.99 0.93 3.79	15.22 0.97 3.38	9.72 0.53 1.91	10.39 0.62 1.06	17.16 1.01 3.85	20.27 1.15 3.20	20.86 1.03 0.75	27.72 1.24 0.00	41.48 1.92 0.00	40.44 1.65 0.00	41.21 1.72 0.00	29.26 1.23 0.00
HOLTSVILLE_IC_3 23692	11.46 1.48 13.75	14.39 0.93 3.17	23.79 1.33 0.00	18.94 1.08 1.04	21.71 1.04 0.00	24.15 1.13 0.00	16.00 0.70 0.00	14.76 0.60 0.00	18.41 0.69 0.00	17.24 0.69 0.00	18.07 1.22 4.03	20.16 1.23 3.17	11.99 0.93 3.79	15.22 0.97 3.38	9.72 0.53 1.91	10.39 0.62 1.06	17.16 1.01 3.85	20.27 1.15 3.20	20.86 1.03 0.75	27.72 1.24 0.00	41.48 1.92 0.00	40.44 1.65 0.00	41.21 1.72 0.00	29.26 1.23 0.00
HOLTSVILLE_IC_4 23693	11.46 1.48 13.75	14.39 0.93 3.17	23.79 1.33 0.00	18.94 1.08 1.04	21.71 1.04 0.00	24.15 1.13 0.00	16.00 0.70 0.00	14.76 0.60 0.00	18.41 0.69 0.00	17.24 0.69 0.00	18.07 1.22 4.03	20.16 1.23 3.17	11.99 0.93 3.79	15.22 0.97 3.38	9.72 0.53 1.91	10.39 0.62 1.06	17.16 1.01 3.85	20.27 1.15 3.20	20.86 1.03 0.75	27.72 1.24 0.00	41.48 1.92 0.00	40.44 1.65 0.00	41.21 1.72 0.00	29.26 1.23 0.00
HOLTSVILLE_IC_5 23694	11.46 1.48 13.75	14.39 0.93 3.17	23.79 1.33 0.00	18.94 1.08 1.04	21.71 1.04 0.00	24.15 1.13 0.00	16.00 0.70 0.00	14.76 0.60 0.00	18.41 0.69 0.00	17.24 0.69 0.00	18.07 1.22 4.03	20.16 1.23 3.17	11.99 0.93 3.79	15.22 0.97 3.38	9.72 0.53 1.91	10.39 0.62 1.06	17.16 1.01 3.85	20.27 1.15 3.20	20.86 1.03 0.75	27.72 1.24 0.00	41.48 1.92 0.00	40.44 1.65 0.00	41.21 1.72 0.00	29.26 1.23 0.00
HOLTSVILLE_IC_6 23695	12.72 1.58 12.58	14.73 0.99 2.91	23.87 1.42 0.00	19.09 1.14 0.95	21.77 1.10 0.00	24.24 1.22 0.00	16.06 0.76 0.00	14.81 0.65 0.00	18.48 0.75 0.00	17.30 0.74 0.00	18.47 1.29 3.69	20.50 1.30 2.90	12.32 0.99 3.52	15.28 1.04 3.37	9.75 0.57 1.91	10.44 0.65 1.03	17.25 1.07 3.83	20.37 1.25 3.20	20.96 1.13 0.75	27.85 1.37 0.00	41.68 2.12 0.00	40.63 1.84 0.00	41.40 1.91 0.00	29.38 1.35 0.00
HOLTSVILLE_IC_7 23696	12.72 1.58 12.58	14.73 0.99 2.91	23.87 1.42 0.00	19.09 1.14 0.95	21.77 1.10 0.00	24.24 1.22 0.00	16.06 0.76 0.00	14.81 0.65 0.00	18.48 0.75 0.00	17.30 0.74 0.00	18.47 1.29 3.69	20.50 1.30 2.90	12.32 0.99 3.52	15.28 1.04 3.37	9.75 0.57 1.91	10.44 0.65 1.03	17.25 1.07 3.83	20.37 1.25 3.20	20.96 1.13 0.75	27.85 1.37 0.00	41.68 2.12 0.00	40.63 1.84 0.00	41.40 1.91 0.00	29.38 1.35 0.00
HOLTSVILLE_IC_8 23697	12.72 1.58 12.58	14.73 0.99 2.91	23.87 1.42 0.00	19.09 1.14 0.95	21.77 1.10 0.00	24.24 1.22 0.00	16.06 0.76 0.00	14.81 0.65 0.00	18.48 0.75 0.00	17.30 0.74 0.00	18.47 1.29 3.69	20.50 1.30 2.90	12.32 0.99 3.52	15.28 1.04 3.37	9.75 0.57 1.91	10.44 0.65 1.03	17.25 1.07 3.83	20.37 1.25 3.20	20.96 1.13 0.75	27.85 1.37 0.00	41.68 2.12 0.00	40.63 1.84 0.00	41.40 1.91 0.00	29.38 1.35 0.00
HOLTSVILLE_IC_9 23698	12.72 1.58 12.58	14.73 0.99 2.91	23.87 1.42 0.00	19.09 1.14 0.95	21.77 1.10 0.00	24.24 1.22 0.00	16.06 0.76 0.00	14.81 0.65 0.00	18.48 0.75 0.00	17.30 0.74 0.00	18.47 1.29 3.69	20.50 1.30 2.90	12.32 0.99 3.52	15.28 1.04 3.37	9.75 0.57 1.91	10.44 0.65 1.03	17.25 1.07 3.83	20.37 1.25 3.20	20.96 1.13 0.75	27.85 1.37 0.00	41.68 2.12 0.00	40.63 1.84 0.00	41.40 1.91 0.00	29.38 1.35 0.00
HOMER_HL_115KV_TB2 355744	20.47 -1.42 1.83	15.07 -1.01 0.56	19.74 -1.12 1.60	17.48 -1.02 0.39	19.37 -1.13 0.17	20.32 -1.22 1.48	13.98 -0.87 0.44	11.75 -0.76 1.65	15.19 -0.87 1.66	15.22 -0.96 0.37	18.91 -1.24 0.72	19.75 -1.27 1.09	10.08 -0.92 3.85	-0.05 -0.67 17.00	0.74 -0.44 9.93	5.47 -0.45 4.90	0.71 -0.97 18.32	4.77 -1.17 16.38	14.51 -1.19 4.87	24.06 -1.61 0.82	36.73 -2.27 0.56	34.74 -1.98 2.08	37.92 -1.57 0.00	26.84 -1.19 0.00
HOWARD_WT_PWR 323690	50.67 -2.08 -29.03	23.81 -1.60 -8.77	45.31 -2.26 -25.11	23.11 -1.98 -6.19	21.21 -2.09 -2.63	44.04 -2.31 -23.32	20.70 -1.57 -6.98	38.80 -1.33 -25.97	42.34 -1.69 -26.31	20.88 -1.58 -5.90	26.77 -2.06 -7.95	26.33 -2.25 -6.48	9.07 -1.63 4.15	-0.58 -1.82 16.38	2.48 -1.15 7.47	17.23 -1.16 -7.57	0.12 -2.22 17.66	4.03 -2.34 15.95	31.53 -1.86 -12.81	37.03 -2.39 -12.93	41.70 -3.70 -5.84	45.03 -3.22 -9.45	37.01 -2.63 -0.15	26.12 -1.97 -0.06
HQ_GEN_CEDARS 23644	24.01 0.28 0.00	16.65 0.02 0.00	22.32 -0.14 0.00	18.81 -0.09 0.00	20.63 -0.04 0.00	23.02 0.00 0.00	15.51 0.21 0.00	14.36 0.20 0.00	18.02 0.30 0.00	16.89 0.34 0.00	21.27 0.39 0.00	22.51 0.41 0.00	14.49 0.26 0.62	14.34 0.21 3.48	9.20 0.11 2.01	10.07 0.10 0.85	16.51 0.26 3.75	19.32 0.36 3.36	20.06 0.27 0.79	26.88 0.40 0.00	39.92 0.36 0.00	39.53 0.73 0.00	40.24 0.75 0.00	28.50 0.47 0.00
HQ_GEN_CEDARS_PROXY 323590	24.01 0.28 0.00	16.65 0.02 0.00	22.32 -0.14 0.00	18.81 -0.09 0.00	20.63 -0.04 0.00	23.03 0.00 0.00	15.51 0.21 0.00	14.36 0.20 0.00	18.02 0.30 0.00	16.89 0.34 0.00	21.27 0.39 0.00	22.51 0.41 0.00	14.49 0.26 0.62	14.34 0.20 3.48	9.20 0.11 2.01	10.07 0.10 0.85	16.51 0.26 3.75	19.32 0.36 3.36	20.06 0.27 0.79	26.88 0.40 0.00	39.92 0.36 0.00	39.53 0.73 0.00	40.24 0.75 0.00	28.50 0.47 0.00

HQ_GEN_IMPORT 323601	23.87 0.14 0.00	16.70 0.07 0.00	22.46 0.01 0.00	18.92 0.02 0.00	20.74 0.07 0.00	23.12 0.09 0.00	15.40 0.10 0.00	14.26 0.10 0.00	17.86 0.14 0.00	16.71 0.16 0.00	21.06 0.18 0.00	22.30 0.20 0.00	14.97 0.13 0.00	17.74 0.12 0.00	11.17 0.07 0.00	10.89 0.07 0.00	20.14 0.14 0.00	22.49 0.17 0.00	20.71 0.14 0.00	26.67 0.19 0.00	39.83 0.27 0.00	39.11 0.31 0.00	39.82 0.33 0.00	28.25 0.22 0.00
HQ_GEN_WHEEL 23651	23.87 0.14 0.00	16.70 0.07 0.00	22.46 0.01 0.00	18.92 0.02 0.00	20.74 0.07 0.00	23.12 0.09 0.00	15.40 0.10 0.00	14.26 0.10 0.00	17.86 0.14 0.00	16.71 0.16 0.00	21.06 0.18 0.00	22.30 0.20 0.00	14.97 0.13 0.00	17.74 0.12 0.00	11.17 0.07 0.00	10.89 0.07 0.00	20.14 0.14 0.00	22.49 0.17 0.00	20.71 0.14 0.00	26.67 0.19 0.00	39.83 0.27 0.00	39.11 0.31 0.00	39.82 0.33 0.00	28.25 0.22 0.00
HUDSON AVE_GT_3 23810	24.83 1.11 0.00	17.44 0.81 0.00	23.58 1.13 0.00	19.82 0.93 0.00	21.59 0.92 0.00	24.02 0.99 0.00	15.97 0.67 0.00	14.77 0.61 0.00	18.49 0.77 0.00	17.31 0.75 0.00	21.97 1.09 0.00	23.24 1.14 0.00	15.08 0.82 0.59	15.27 0.96 3.31	9.80 0.61 1.91	10.63 0.62 0.81	17.50 1.07 3.57	20.29 1.16 3.19	20.91 1.08 0.75	27.79 1.31 0.00	41.42 1.86 0.00	40.42 1.62 0.00	41.08 1.59 0.00	29.21 1.18 0.00
HUDSON AVE_GT_4 23540	24.83 1.11 0.00	17.44 0.81 0.00	23.58 1.13 0.00	19.82 0.93 0.00	21.59 0.92 0.00	24.02 0.99 0.00	15.97 0.67 0.00	14.77 0.61 0.00	18.49 0.77 0.00	17.31 0.75 0.00	21.97 1.09 0.00	23.24 1.14 0.00	15.08 0.82 0.59	15.27 0.96 3.31	9.80 0.61 1.91	10.63 0.62 0.81	17.50 1.07 3.57	20.29 1.16 3.19	20.91 1.08 0.75	27.79 1.31 0.00	41.42 1.86 0.00	40.42 1.62 0.00	41.08 1.59 0.00	29.21 1.18 0.00
HUDSON AVE_GT_5 23657	24.83 1.11 0.00	17.44 0.81 0.00	23.58 1.13 0.00	19.82 0.93 0.00	21.59 0.92 0.00	24.02 0.99 0.00	15.97 0.67 0.00	14.77 0.61 0.00	18.49 0.77 0.00	17.31 0.75 0.00	21.97 1.09 0.00	23.24 1.14 0.00	15.08 0.82 0.59	15.27 0.96 3.31	9.80 0.61 1.91	10.63 0.62 0.81	17.50 1.07 3.57	20.29 1.16 3.19	20.91 1.08 0.75	27.79 1.31 0.00	41.42 1.86 0.00	40.42 1.62 0.00	41.08 1.59 0.00	29.21 1.18 0.00
HUDSON_AVE_10 24168	24.76 1.03 0.00	17.39 0.75 0.00	23.52 1.06 0.00	19.77 0.88 0.00	21.53 0.86 0.00	23.95 0.93 0.00	15.93 0.63 0.00	14.73 0.57 0.00	18.44 0.71 0.00	17.25 0.70 0.00	21.87 0.99 0.00	23.13 1.03 0.00	15.01 0.75 0.59	15.19 0.88 3.31	9.75 0.56 1.91	2.06 0.56 9.32	17.40 0.96 3.57	20.17 1.04 3.20	-191.77 0.96 213.30	27.62 1.15 0.01	41.16 1.60 0.01	31.66 1.37 8.51	23.86 1.37 17.01	29.13 1.10 0.00
HUDSON___115KV_TB 4 355613	24.22 0.50 0.00	17.03 0.40 0.00	23.06 0.60 0.00	19.40 0.51 0.00	21.19 0.52 0.00	23.59 0.56 0.00	15.64 0.34 0.00	14.46 0.30 0.00	18.04 0.31 0.00	16.76 0.20 0.00	21.12 0.25 0.00	22.34 0.24 0.00	14.58 0.17 0.44	15.34 0.18 2.46	9.80 0.12 1.42	10.35 0.13 0.60	17.69 0.34 2.65	20.33 0.38 2.37	20.39 0.37 0.55	26.95 0.47 0.00	40.37 0.82 0.00	39.56 0.76 0.00	40.15 0.66 0.00	28.50 0.47 0.00
HUNTER MOUNT___DRP 323613	24.36 0.63 0.00	17.11 0.48 0.00	23.17 0.72 0.00	19.49 0.60 0.00	21.29 0.62 0.00	23.70 0.68 0.00	15.72 0.42 0.00	14.55 0.38 0.00	18.13 0.41 0.00	16.86 0.30 0.00	21.23 0.35 0.00	22.45 0.35 0.00	14.62 0.24 0.46	15.28 0.24 2.59	9.76 0.16 1.49	10.36 0.17 0.63	17.66 0.44 2.79	20.32 0.50 2.50	20.47 0.48 0.58	27.11 0.63 0.00	40.65 1.09 0.00	39.82 1.02 0.00	40.40 0.91 0.00	28.66 0.64 0.00
HUNTINGTON_RES_REC 323705	12.94 1.45 12.24	14.72 0.90 2.82	23.75 1.29 0.00	19.03 1.06 0.92	21.68 1.01 0.00	24.14 1.11 0.00	15.99 0.69 0.00	14.75 0.58 0.00	18.39 0.67 0.00	17.23 0.68 0.00	18.53 1.24 3.59	20.54 1.26 2.82	12.35 0.94 3.44	15.25 1.00 3.37	9.74 0.55 1.91	10.43 0.64 1.03	17.21 1.02 3.82	20.25 1.13 3.20	20.83 1.01 0.75	27.70 1.22 0.00	41.44 1.88 0.00	40.39 1.59 0.00	41.12 1.63 0.00	29.23 1.20 0.00
HUNTLEY___63 23557	13.56 -2.12 8.04	12.59 -1.61 2.44	13.38 -2.08 6.99	15.31 -1.86 1.72	17.87 -2.07 0.73	14.25 -2.28 6.49	11.80 -1.56 1.94	5.57 -1.38 7.22	8.79 -1.64 7.30	13.32 -1.60 1.64	16.42 -2.00 2.46	17.50 -2.03 2.57	9.63 -1.56 3.66	-0.30 -1.24 16.68	0.17 -0.76 10.17	2.68 -0.84 7.30	0.51 -1.52 17.98	4.52 -1.77 16.03	10.37 -1.87 8.33	20.30 -2.59 3.59	34.02 -3.73 1.81	31.10 -3.44 4.26	36.68 -2.81 0.00	25.85 -2.18 0.00
HUNTLEY___64 23558	13.56 -2.12 8.04	12.59 -1.61 2.44	13.38 -2.08 6.99	15.31 -1.86 1.72	17.87 -2.07 0.73	14.25 -2.28 6.49	11.80 -1.56 1.94	5.57 -1.38 7.22	8.79 -1.64 7.30	13.32 -1.60 1.64	16.42 -2.00 2.46	17.50 -2.03 2.57	9.63 -1.56 3.66	-0.30 -1.24 16.68	0.17 -0.76 10.17	2.68 -0.84 7.30	0.51 -1.52 17.98	4.52 -1.77 16.03	10.37 -1.87 8.33	20.30 -2.59 3.59	34.02 -3.73 1.81	31.10 -3.44 4.26	36.68 -2.81 0.00	25.85 -2.18 0.00
HUNTLEY___65 23559	13.56 -2.12 8.04	12.59 -1.61 2.44	13.38 -2.08 6.99	15.31 -1.86 1.72	17.87 -2.07 0.73	14.25 -2.28 6.49	11.80 -1.56 1.94	5.57 -1.38 7.22	8.79 -1.64 7.30	13.32 -1.60 1.64	16.42 -2.00 2.46	17.50 -2.03 2.57	9.63 -1.56 3.66	-0.30 -1.24 16.68	0.17 -0.76 10.17	2.68 -0.84 7.30	0.51 -1.52 17.98	4.52 -1.77 16.03	10.37 -1.87 8.33	20.30 -2.59 3.59	34.02 -3.73 1.81	31.10 -3.44 4.26	36.68 -2.81 0.00	25.85 -2.18 0.00
HUNTLEY___66 23560	13.56 -2.12 8.04	12.59 -1.61 2.44	13.38 -2.08 6.99	15.31 -1.86 1.72	17.87 -2.07 0.73	14.25 -2.28 6.49	11.80 -1.56 1.94	5.57 -1.38 7.22	8.79 -1.64 7.30	13.32 -1.60 1.64	16.42 -2.00 2.46	17.50 -2.03 2.57	9.63 -1.56 3.66	-0.30 -1.24 16.68	0.17 -0.76 10.17	2.68 -0.84 7.30	0.51 -1.52 17.98	4.52 -1.77 16.03	10.37 -1.87 8.33	20.30 -2.59 3.59	34.02 -3.73 1.81	31.10 -3.44 4.26	36.68 -2.81 0.00	25.85 -2.18 0.00
HUNTLEY___67 23561	13.51 -2.26 7.95	12.56 -1.67 2.41	13.35 -2.20 6.91	15.27 -1.92 1.70	17.83 -2.12 0.72	14.22 -2.39 6.41	11.76 -1.62 1.91	5.57 -1.46 7.13	8.77 -1.74 7.21	13.28 -1.65 1.62	16.37 -2.08 2.43	17.41 -2.14 2.55	9.59 -1.60 3.65	-0.34 -1.34 16.62	0.14 -0.84 10.12	2.67 -0.91 7.25	0.46 -1.64 17.91	4.44 -1.91 15.97	10.34 -1.97 8.27	20.29 -2.64 3.55	33.98 -3.79 1.80	31.04 -3.52 4.24	36.56 -2.93 0.00	25.80 -2.23 0.00
HUNTLEY___68 23562	13.51 -2.26 7.95	12.56 -1.67 2.41	13.35 -2.20 6.91	15.27 -1.92 1.70	17.83 -2.12 0.72	14.22 -2.39 6.41	11.76 -1.62 1.91	5.57 -1.46 7.13	8.77 -1.74 7.21	13.28 -1.65 1.62	16.37 -2.08 2.43	17.41 -2.14 2.55	9.59 -1.60 3.65	-0.34 -1.34 16.62	0.14 -0.84 10.12	2.67 -0.91 7.25	0.46 -1.64 17.91	4.44 -1.91 15.97	10.34 -1.97 8.27	20.29 -2.64 3.55	33.98 -3.79 1.80	31.04 -3.52 4.24	36.56 -2.93 0.00	25.80 -2.23 0.00

HYLAND___LFGE 323620	55.01 -0.88 -32.17	25.65 -0.72 -9.73	49.37 -0.97 -27.88	24.90 -0.88 -6.87	22.64 -0.95 -2.92	47.89 -1.03 -25.90	22.34 -0.69 -7.73	42.41 -0.58 -28.82	46.14 -0.76 -29.18	22.27 -0.82 -6.54	28.79 -1.13 -9.05	28.58 -1.41 -7.89	10.66 -1.09 3.09	1.58 -1.10 14.94	3.99 -0.69 6.42	19.31 -0.71 -9.20	2.60 -1.29 16.11	6.64 -1.09 14.60	34.61 -0.88 -14.92	39.83 -1.00 -14.35	44.97 -1.13 -6.54	49.62 -0.95 -11.77	38.92 -0.57 0.00	27.42 -0.61 0.00
INDECK___CORINTH 23802	24.61 0.88 0.00	17.26 0.62 0.00	23.38 0.93 0.00	19.66 0.76 0.00	21.48 0.81 0.00	23.92 0.90 0.00	15.79 0.49 0.00	14.60 0.44 0.00	18.21 0.49 0.00	16.99 0.43 0.00	21.29 0.41 0.00	22.55 0.45 0.00	14.76 0.32 0.40	15.72 0.37 2.27	10.03 0.23 1.31	10.52 0.25 0.55	18.14 0.57 2.44	20.78 0.64 2.18	20.77 0.70 0.51	27.39 0.91 0.00	40.96 1.40 0.00	40.11 1.32 0.00	40.68 1.19 0.00	28.85 0.82 0.00
INDECK___ILION 23567	23.59 -0.14 0.00	16.57 -0.06 0.00	22.46 0.00 0.00	18.91 0.01 0.00	20.65 -0.02 0.00	22.98 -0.04 0.00	15.23 -0.07 0.00	14.08 -0.08 0.00	17.58 -0.14 0.00	16.35 -0.20 0.00	20.57 -0.31 0.00	21.79 -0.31 0.00	14.07 -0.19 0.58	14.08 -0.29 3.25	9.05 -0.17 1.88	9.88 -0.15 0.79	16.22 -0.28 3.50	18.87 -0.32 3.13	19.63 -0.21 0.73	26.29 -0.19 0.00	39.35 -0.21 0.00	38.58 -0.21 0.00	39.14 -0.35 0.00	27.80 -0.23 0.00
INDECK___OLEAN 23982	20.48 -1.41 1.83	15.07 -1.01 0.56	19.75 -1.11 1.60	17.49 -1.01 0.39	19.37 -1.13 0.17	20.34 -1.20 1.48	13.98 -0.87 0.44	11.75 -0.76 1.65	15.20 -0.86 1.66	15.23 -0.95 0.37	18.91 -1.24 0.72	19.75 -1.26 1.09	10.08 -0.92 3.85	-0.07 -0.69 17.00	0.73 -0.44 9.93	5.46 -0.47 4.90	0.68 -1.01 18.32	4.74 -1.18 16.39	14.53 -1.17 4.87	24.06 -1.60 0.82	36.31 -2.25 1.01	33.99 -1.99 2.82	37.40 -1.56 0.53	26.60 -1.19 0.23
INDECK___OSWEGO 23783	22.56 -1.16 0.00	15.82 -0.82 0.00	21.39 -1.07 0.00	17.97 -0.92 0.00	19.64 -1.03 0.00	21.87 -1.16 0.00	14.51 -0.79 0.00	13.44 -0.72 0.00	16.84 -0.89 0.00	15.72 -0.84 0.00	19.82 -1.06 0.00	20.95 -1.15 0.00	6.84 -0.82 7.19	-23.73 -0.91 40.44	-12.78 -0.57 23.31	0.38 -0.55 9.89	-24.58 -1.01 43.58	-17.77 -1.12 38.98	10.43 -1.02 9.12	25.19 -1.29 0.00	37.69 -1.87 0.00	36.97 -1.82 0.00	37.68 -1.81 0.00	26.69 -1.33 0.00
INDECK___YERKES 23781	13.61 -2.07 8.04	12.61 -1.59 2.44	13.42 -2.05 6.99	15.33 -1.84 1.72	17.89 -2.05 0.73	14.29 -2.24 6.49	11.82 -1.54 1.94	5.59 -1.35 7.22	8.83 -1.60 7.30	13.35 -1.57 1.64	16.46 -1.96 2.46	17.53 -2.00 2.57	9.65 -1.54 3.66	-0.29 -1.23 16.68	0.18 -0.75 10.17	2.69 -0.83 7.30	0.51 -1.52 17.98	4.53 -1.75 16.04	10.41 -1.83 8.33	20.33 -2.56 3.59	33.77 -3.67 2.12	30.63 -3.41 4.76	36.37 -2.76 0.36	25.73 -2.14 0.16
INDIAN POINT_GT_1 24139	24.64 0.92 0.00	17.31 0.67 0.00	23.41 0.95 0.00	19.67 0.77 0.00	21.42 0.76 0.00	23.84 0.82 0.00	15.84 0.55 0.00	14.66 0.50 0.00	18.34 0.61 0.00	17.16 0.60 0.00	21.75 0.87 0.00	23.03 0.93 0.00	14.92 0.67 0.59	15.06 0.79 3.34	9.68 0.51 1.93	10.52 0.51 0.82	17.27 0.88 3.60	20.05 0.96 3.22	20.71 0.89 0.75	27.56 1.08 0.00	41.10 1.54 0.00	40.12 1.32 0.00	40.78 1.28 0.00	28.98 0.95 0.00
INDIAN POINT_GT_2 23659	24.64 0.92 0.00	17.31 0.67 0.00	23.41 0.95 0.00	19.67 0.77 0.00	21.42 0.76 0.00	23.84 0.82 0.00	15.84 0.55 0.00	14.66 0.50 0.00	18.34 0.61 0.00	17.16 0.60 0.00	21.75 0.87 0.00	23.03 0.93 0.00	14.92 0.67 0.59	15.06 0.79 3.34	9.68 0.51 1.93	10.52 0.51 0.82	17.27 0.88 3.60	20.05 0.96 3.22	20.71 0.89 0.75	27.56 1.08 0.00	41.10 1.54 0.00	40.12 1.32 0.00	40.78 1.28 0.00	28.98 0.95 0.00
INDIAN POINT_GT_3 24019	24.64 0.92 0.00	17.31 0.67 0.00	23.41 0.95 0.00	19.67 0.77 0.00	21.42 0.76 0.00	23.84 0.82 0.00	15.84 0.55 0.00	14.66 0.50 0.00	18.34 0.61 0.00	17.16 0.60 0.00	21.75 0.87 0.00	23.03 0.93 0.00	14.92 0.67 0.59	15.06 0.79 3.34	9.68 0.51 1.93	10.52 0.51 0.82	17.27 0.88 3.60	20.05 0.96 3.22	20.71 0.89 0.75	27.56 1.08 0.00	41.10 1.54 0.00	40.12 1.32 0.00	40.78 1.28 0.00	28.98 0.95 0.00
INDIAN POINT___2 23530	24.63 0.90 0.00	17.30 0.66 0.00	23.39 0.93 0.00	19.65 0.76 0.00	21.41 0.74 0.00	23.82 0.80 0.00	15.84 0.54 0.00	14.65 0.49 0.00	18.32 0.60 0.00	17.14 0.59 0.00	21.74 0.86 0.00	23.01 0.91 0.00	14.90 0.66 0.60	15.01 0.78 3.39	9.65 0.50 1.96	10.50 0.51 0.83	17.22 0.86 3.65	20.00 0.94 3.27	20.68 0.87 0.76	27.54 1.06 0.00	41.08 1.52 0.00	40.08 1.28 0.00	40.75 1.26 0.00	28.95 0.91 0.00
INDIAN POINT___3 23531	24.63 0.91 0.00	17.30 0.66 0.00	23.40 0.94 0.00	19.66 0.77 0.00	21.42 0.75 0.00	23.83 0.81 0.00	15.84 0.55 0.00	14.65 0.49 0.00	18.33 0.61 0.00	17.15 0.60 0.00	21.75 0.87 0.00	23.01 0.91 0.00	14.91 0.66 0.59	15.06 0.78 3.34	9.68 0.50 1.93	10.51 0.51 0.82	17.27 0.86 3.60	20.04 0.94 3.22	20.70 0.88 0.75	27.55 1.07 0.00	41.08 1.52 0.00	40.09 1.30 0.00	40.75 1.26 0.00	28.96 0.93 0.00
INGHAM_C_115KV_TB7 356103	23.46 -0.26 0.00	16.52 -0.12 0.00	22.49 0.04 0.00	18.94 0.05 0.00	20.66 -0.01 0.00	22.99 -0.03 0.00	15.17 -0.12 0.00	13.99 -0.17 0.00	17.41 -0.31 0.00	16.09 -0.47 0.00	20.16 -0.72 0.00	21.39 -0.71 0.00	13.83 -0.44 0.58	13.70 -0.67 3.25	8.84 -0.39 1.88	9.71 -0.32 0.79	15.93 -0.57 3.50	18.53 -0.66 3.13	19.41 -0.43 0.73	26.09 -0.39 0.00	39.13 -0.43 0.00	38.36 -0.43 0.00	38.80 -0.69 0.00	27.62 -0.42 0.00
IP CORINTH___1 23988	24.61 0.89 0.00	17.26 0.62 0.00	23.38 0.93 0.00	19.66 0.76 0.00	21.48 0.81 0.00	23.93 0.90 0.00	15.79 0.50 0.00	14.60 0.44 0.00	18.21 0.49 0.00	16.99 0.43 0.00	21.29 0.41 0.00	22.55 0.45 0.00	14.77 0.32 0.40	15.72 0.36 2.27	10.02 0.23 1.31	10.52 0.25 0.55	18.13 0.57 2.44	20.78 0.64 2.18	20.77 0.71 0.51	27.39 0.91 0.00	40.96 1.40 0.00	40.11 1.32 0.00	40.68 1.19 0.00	28.85 0.81 0.00
IP___TICONDEROGA 23804	25.65 1.92 0.00	17.83 1.19 0.00	24.29 1.83 0.00	20.38 1.48 0.00	22.28 1.61 0.00	24.90 1.88 0.00	16.47 1.17 0.00	15.20 1.04 0.00	18.77 1.05 0.00	17.55 1.00 0.00	21.70 0.82 0.00	22.92 0.82 0.00	15.02 0.57 0.40	16.14 0.78 2.26	10.34 0.54 1.31	10.76 0.49 0.55	18.75 1.19 2.44	21.29 1.15 2.18	21.69 1.63 0.51	28.52 2.04 0.00	42.66 3.10 0.00	41.79 2.99 0.00	42.30 2.81 0.00	29.95 1.92 0.00
ISLIP_RES_REC 323679	13.59 1.66 11.79	14.96 1.05 2.72	23.94 1.48 0.00	19.20 1.20 0.89	21.83 1.16 0.00	24.31 1.29 0.00	16.10 0.81 0.00	14.85 0.69 0.00	18.53 0.80 0.00	17.34 0.78 0.00	18.76 1.34 3.46	20.73 1.35 2.72	12.55 1.03 3.33	15.34 1.09 3.37	9.78 0.59 1.91	10.48 0.68 1.02	17.32 1.13 3.81	20.45 1.33 3.20	21.04 1.21 0.75	27.96 1.49 0.00	41.84 2.28 0.00	40.79 1.99 0.00	41.54 2.05 0.00	29.48 1.45 0.00

JAMAICA__27_KV_LOAD 355505	24.94 1.21 0.00	17.50 0.86 0.00	23.69 1.23 0.00	19.91 1.02 0.00	21.68 1.01 0.00	24.12 1.10 0.00	16.04 0.74 0.00	14.83 0.67 0.00	18.55 0.83 0.00	17.35 0.79 0.00	21.92 1.04 0.00	23.19 1.09 0.00	15.03 0.78 0.59	15.24 0.93 3.31	9.77 0.58 1.91	2.10 0.59 9.32	17.43 0.99 3.57	20.20 1.08 3.20	-191.72 1.01 213.30	27.70 1.23 0.01	41.33 1.78 0.01	31.84 1.55 8.51	24.10 1.62 17.01	29.36 1.33 0.00
JANIS__SOLAR 323808	26.07 0.03 -2.32	17.34 0.00 -0.70	24.52 0.08 -1.99	19.36 -0.02 -0.49	20.77 -0.11 -0.21	24.79 -0.08 -1.85	15.77 -0.09 -0.56	16.18 -0.04 -2.06	19.81 0.00 -2.09	16.93 -0.10 -0.47	21.75 -0.19 -1.06	23.59 -0.34 -1.82	12.43 -0.35 2.06	-3.61 -0.31 20.93	-0.98 -0.18 11.91	6.37 -0.25 4.21	-3.03 -0.48 22.55	1.77 -0.38 20.18	17.09 -0.08 3.40	27.47 -0.04 -1.03	40.52 -0.01 -0.97	42.60 -0.03 -3.84	39.68 0.05 -0.14	28.06 -0.03 -0.06
JARVIS____ 23743	23.63 -0.09 0.00	16.59 -0.05 0.00	22.43 -0.02 0.00	18.87 -0.02 0.00	20.63 -0.05 0.00	22.96 -0.06 0.00	15.24 -0.05 0.00	14.11 -0.06 0.00	17.65 -0.07 0.00	16.47 -0.08 0.00	20.78 -0.10 0.00	21.99 -0.11 0.00	14.19 -0.07 0.58	14.28 -0.09 3.25	9.17 -0.06 1.88	9.97 -0.05 0.79	16.39 -0.11 3.50	19.06 -0.12 3.13	19.75 -0.09 0.73	26.37 -0.10 0.00	39.40 -0.16 0.00	38.64 -0.16 0.00	39.30 -0.20 0.00	27.90 -0.13 0.00
JENNISON____1 23625	23.82 0.09 0.00	16.65 0.02 0.00	22.61 0.15 0.00	18.92 0.02 0.00	20.55 -0.12 0.00	23.00 -0.02 0.00	15.17 -0.12 0.00	14.03 -0.13 0.00	17.67 -0.05 0.00	16.44 -0.11 0.00	20.77 -0.19 -0.09	22.11 -0.26 -0.26	12.03 -0.27 2.55	1.13 -0.17 16.32	1.55 -0.14 9.41	6.61 -0.22 3.99	1.96 -0.46 17.59	6.22 -0.37 15.73	16.72 -0.18 3.68	26.28 -0.20 0.00	39.42 -0.22 -0.08	38.91 -0.47 -0.59	39.16 -0.33 0.00	27.68 -0.35 0.00
JENNISON____2 23626	23.82 0.09 0.00	16.65 0.02 0.00	22.61 0.15 0.00	18.92 0.02 0.00	20.55 -0.12 0.00	23.00 -0.02 0.00	15.17 -0.12 0.00	14.03 -0.13 0.00	17.67 -0.05 0.00	16.44 -0.11 0.00	20.77 -0.19 -0.09	22.11 -0.26 -0.26	12.03 -0.27 2.55	1.13 -0.17 16.32	1.55 -0.14 9.41	6.61 -0.22 3.99	1.96 -0.46 17.59	6.22 -0.37 15.73	16.72 -0.18 3.68	26.28 -0.20 0.00	39.42 -0.22 -0.08	38.91 -0.47 -0.59	39.16 -0.33 0.00	27.68 -0.35 0.00
JERICOHO_RISE_WT_PWR 323719	24.01 0.29 0.00	16.76 0.12 0.00	22.46 0.00 0.00	18.90 0.01 0.00	20.73 0.06 0.00	23.11 0.09 0.00	15.45 0.16 0.00	14.33 0.16 0.00	17.99 0.26 0.00	16.87 0.31 0.00	21.23 0.35 0.00	22.47 0.37 0.00	14.59 0.24 0.49	15.04 0.18 2.76	9.61 0.10 1.59	10.25 0.10 0.67	17.32 0.29 2.97	20.01 0.35 2.66	20.20 0.24 0.62	26.73 0.25 0.00	39.82 0.26 0.00	39.30 0.50 0.00	40.06 0.57 0.00	28.37 0.34 0.00
KATONAH__115KV_46KV_TB4 355592	24.74 1.01 0.00	17.38 0.74 0.00	23.50 1.05 0.00	19.75 0.86 0.00	21.52 0.85 0.00	23.95 0.93 0.00	15.91 0.61 0.00	14.72 0.56 0.00	18.43 0.70 0.00	17.24 0.68 0.00	21.86 0.98 0.00	23.13 1.03 0.00	15.01 0.74 0.58	15.22 0.87 3.27	9.77 0.56 1.88	10.58 0.56 0.80	17.46 0.97 3.52	20.23 1.06 3.15	20.83 0.99 0.74	27.68 1.20 0.00	41.29 1.73 0.00	40.31 1.51 0.00	40.96 1.47 0.00	29.09 1.06 0.00
KCE_NY_1 323755	24.48 0.76 0.00	17.17 0.54 0.00	23.29 0.83 0.00	19.58 0.68 0.00	21.39 0.72 0.00	23.81 0.79 0.00	15.76 0.47 0.00	14.57 0.40 0.00	18.18 0.46 0.00	16.92 0.36 0.00	21.29 0.41 0.00	22.55 0.45 0.00	14.77 0.33 0.40	15.73 0.37 2.26	10.04 0.25 1.31	10.54 0.27 0.55	18.12 0.56 2.44	20.76 0.63 2.18	20.70 0.64 0.51	27.29 0.81 0.00	40.78 1.22 0.00	39.93 1.13 0.00	40.54 1.05 0.00	28.77 0.75 0.00
KCE_NY_6_ESR 323823	12.33 -2.01 9.39	12.29 -1.50 2.84	12.34 -1.95 8.15	15.16 -1.73 2.01	17.90 -1.91 0.85	13.33 -2.12 7.57	11.57 -1.47 2.26	4.45 -1.29 8.42	7.67 -1.53 8.52	13.18 -1.46 1.91	16.18 -1.83 2.86	17.22 -1.90 2.98	9.60 -1.44 3.80	-0.56 -1.18 17.00	-0.07 -0.74 10.44	2.09 -0.82 7.92	0.22 -1.47 18.31	4.27 -1.71 16.34	9.69 -1.72 9.17	19.97 -2.31 4.19	33.83 -3.28 2.45	30.30 -3.01 5.49	36.65 -2.44 0.41	25.95 -1.90 0.18
KEDC PORT_JEFF_GT2 24210	12.25 1.54 13.01	14.60 0.96 3.00	23.83 1.38 0.00	19.03 1.12 0.98	21.74 1.07 0.00	24.20 1.18 0.00	16.03 0.74 0.00	14.79 0.63 0.00	18.45 0.72 0.00	17.28 0.72 0.00	18.33 1.26 3.81	20.37 1.27 3.00	12.20 0.97 3.62	15.26 1.01 3.38	9.73 0.54 1.91	10.41 0.63 1.04	17.20 1.03 3.84	20.31 1.19 3.20	20.90 1.07 0.75	27.77 1.29 0.00	41.56 2.00 0.00	40.52 1.73 0.00	41.31 1.82 0.00	29.33 1.30 0.00
KEDC PORT_JEFF_GT3 24211	12.25 1.54 13.01	14.60 0.96 3.00	23.83 1.38 0.00	19.03 1.12 0.98	21.74 1.07 0.00	24.20 1.18 0.00	16.03 0.74 0.00	14.79 0.63 0.00	18.45 0.72 0.00	17.28 0.72 0.00	18.33 1.26 3.81	20.37 1.27 3.00	12.20 0.97 3.62	15.26 1.01 3.38	9.73 0.54 1.91	10.41 0.63 1.04	17.20 1.03 3.84	20.31 1.19 3.20	20.90 1.07 0.75	27.77 1.29 0.00	41.56 2.00 0.00	40.52 1.73 0.00	41.31 1.82 0.00	29.33 1.30 0.00
KEDC_GLWD_GT4 24219	50.92 1.24 -25.96	23.46 0.83 -5.99	23.64 1.19 0.00	21.83 0.98 -1.96	21.63 0.96 0.00	24.06 1.04 0.00	15.97 0.67 0.00	14.76 0.60 0.00	18.46 0.74 0.00	17.30 0.74 0.00	29.66 1.18 -7.61	29.31 1.23 -5.98	21.19 0.89 -5.45	15.43 1.00 3.18	9.80 0.61 1.90	11.16 0.65 0.31	18.04 1.08 3.04	20.22 1.08 3.18	20.86 1.03 0.75	27.76 1.28 0.00	41.45 1.89 0.00	40.39 1.59 0.00	40.99 1.50 0.00	29.23 1.20 0.00
KEDC_GLWD_GT5 24220	50.92 1.24 -25.96	23.46 0.83 -5.99	23.64 1.19 0.00	21.83 0.98 -1.96	21.63 0.96 0.00	24.06 1.04 0.00	15.97 0.67 0.00	14.76 0.60 0.00	18.46 0.74 0.00	17.30 0.74 0.00	29.66 1.18 -7.61	29.31 1.23 -5.98	21.19 0.89 -5.45	15.43 1.00 3.18	9.80 0.61 1.90	11.16 0.65 0.31	18.04 1.08 3.04	20.22 1.08 3.18	20.86 1.03 0.75	27.76 1.28 0.00	41.45 1.89 0.00	40.39 1.59 0.00	40.99 1.50 0.00	29.23 1.20 0.00
KENSICO____ 23655	24.70 0.98 0.00	17.35 0.71 0.00	23.47 1.01 0.00	19.72 0.83 0.00	21.49 0.82 0.00	23.91 0.88 0.00	15.88 0.59 0.00	14.70 0.53 0.00	18.38 0.66 0.00	17.20 0.65 0.00	21.82 0.94 0.00	23.09 0.99 0.00	14.97 0.72 0.59	15.15 0.84 3.32	9.73 0.54 1.91	10.55 0.54 0.81	17.36 0.94 3.58	20.14 1.02 3.20	20.77 0.94 0.75	27.62 1.14 0.00	41.19 1.63 0.00	40.20 1.41 0.00	40.86 1.37 0.00	29.05 1.02 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	24.79 1.07 0.00	17.39 0.76 0.00	23.50 1.05 0.00	19.74 0.85 0.00	21.52 0.85 0.00	23.95 0.94 0.00	15.93 0.63 0.00	14.75 0.59 0.00	18.43 0.70 0.00	17.21 0.65 0.00	21.77 0.90 0.00	23.03 0.93 0.00	14.88 0.65 0.61	14.95 0.78 3.45	9.63 0.52 1.99	10.51 0.53 0.84	17.20 0.92 3.72	20.00 1.00 3.33	20.79 0.99 0.78	27.75 1.27 0.00	41.47 1.91 0.00	40.48 1.68 0.00	41.13 1.64 0.00	29.17 1.14 0.00

KIAC_JFK_GT1 23816	24.81 1.09 0.00	17.41 0.77 0.00	23.57 1.12 0.00	19.82 0.92 0.00	21.57 0.90 0.00	24.00 0.98 0.00	15.96 0.66 0.00	14.76 0.60 0.00	18.46 0.74 0.00	17.27 0.71 0.00	21.81 0.94 0.00	23.07 0.97 0.00	14.96 0.70 0.59	15.14 0.84 3.31	9.72 0.53 1.91	2.04 0.54 9.32	17.33 0.89 3.57	20.06 0.94 3.20	-191.90 0.83 213.30	27.46 0.99 0.01	40.97 1.42 0.01	31.47 1.18 8.51	23.85 1.37 17.01	29.20 1.17 0.00
KIAC_JFK_GT2 23817	24.81 1.09 0.00	17.41 0.77 0.00	23.57 1.12 0.00	19.82 0.92 0.00	21.57 0.90 0.00	24.00 0.98 0.00	15.96 0.66 0.00	14.76 0.60 0.00	18.46 0.74 0.00	17.27 0.71 0.00	21.81 0.94 0.00	23.07 0.97 0.00	14.96 0.70 0.59	15.14 0.84 3.31	9.72 0.53 1.91	2.04 0.54 9.32	17.33 0.89 3.57	20.06 0.94 3.20	-191.90 0.83 213.30	27.46 0.99 0.01	40.97 1.42 0.01	31.47 1.18 8.51	23.85 1.37 17.01	29.20 1.17 0.00
KIAC_JFK____ 323774	24.81 1.09 0.00	17.41 0.77 0.00	23.57 1.12 0.00	19.82 0.92 0.00	21.57 0.90 0.00	23.99 0.97 0.00	15.96 0.66 0.00	14.76 0.60 0.00	18.46 0.74 0.00	17.26 0.71 0.00	21.81 0.93 0.00	23.07 0.97 0.00	14.96 0.70 0.59	15.14 0.84 3.31	9.72 0.53 1.91	2.04 0.54 9.32	17.33 0.89 3.57	20.07 0.94 3.20	-191.91 0.82 213.30	27.46 0.98 0.01	40.96 1.41 0.01	31.47 1.18 8.51	23.85 1.36 17.01	29.20 1.18 0.00
KINTIGH__24_KV_GSU 356498	16.81 -2.06 4.86	13.65 -1.51 1.47	16.24 -1.99 4.23	16.13 -1.73 1.04	18.32 -1.91 0.44	16.95 -2.14 3.92	12.67 -1.45 1.17	8.48 -1.31 4.37	11.74 -1.57 4.41	14.07 -1.50 0.99	17.48 -1.89 1.51	18.52 -1.95 1.63	10.07 -1.47 3.31	0.67 -1.28 15.67	0.95 -0.79 9.36	4.20 -0.84 5.78	1.59 -1.54 16.88	5.47 -1.77 15.08	12.49 -1.79 6.30	21.91 -2.40 2.17	34.73 -3.47 1.36	32.38 -3.26 3.15	36.41 -2.79 0.29	25.79 -2.12 0.13
KINTIGH____ 23543	16.76 -2.10 4.86	13.63 -1.53 1.47	16.20 -2.02 4.23	16.10 -1.75 1.04	18.30 -1.93 0.44	16.90 -2.19 3.92	12.66 -1.47 1.17	8.46 -1.34 4.37	11.71 -1.60 4.41	14.04 -1.52 0.99	17.45 -1.92 1.51	18.49 -1.98 1.63	10.06 -1.48 3.31	0.66 -1.29 15.67	0.94 -0.80 9.36	4.19 -0.85 5.78	1.58 -1.55 16.88	5.46 -1.79 15.07	12.45 -1.83 6.30	21.87 -2.43 2.17	34.91 -3.52 1.12	32.74 -3.31 2.74	36.66 -2.84 0.00	25.89 -2.14 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	24.34 0.62 0.00	16.99 0.35 0.00	22.77 0.31 0.00	19.15 0.25 0.00	20.99 0.32 0.00	23.39 0.37 0.00	15.62 0.32 0.00	14.49 0.33 0.00	18.19 0.46 0.00	17.06 0.51 0.00	21.47 0.59 0.00	22.72 0.62 0.00	14.83 0.43 0.44	15.55 0.42 2.49	9.91 0.24 1.43	10.45 0.23 0.61	17.87 0.54 2.68	20.56 0.64 2.40	20.54 0.52 0.56	27.06 0.58 0.00	40.33 0.77 0.00	39.78 0.98 0.00	40.54 1.05 0.00	28.71 0.68 0.00
LACHUTE____HYDRO 323717	25.65 1.92 0.00	17.82 1.19 0.00	24.29 1.83 0.00	20.38 1.48 0.00	22.28 1.61 0.00	24.90 1.88 0.00	16.47 1.17 0.00	15.20 1.04 0.00	18.77 1.05 0.00	17.55 1.00 0.00	21.70 0.82 0.00	22.92 0.82 0.00	15.02 0.57 0.40	16.14 0.78 2.26	10.34 0.54 1.31	10.76 0.49 0.55	18.76 1.19 2.44	21.29 1.16 2.18	21.70 1.63 0.51	28.52 2.04 0.00	42.66 3.10 0.00	41.79 2.99 0.00	42.30 2.81 0.00	29.95 1.92 0.00
LAWRNCALV_115KV_TB1 80681	23.72 -0.01 0.00	16.46 -0.17 0.00	22.05 -0.40 0.00	18.58 -0.32 0.00	20.38 -0.29 0.00	22.76 -0.27 0.00	15.32 0.03 0.00	14.19 0.03 0.00	17.80 0.07 0.00	16.68 0.12 0.00	20.99 0.11 0.00	22.20 0.10 0.00	13.91 0.04 0.97	12.08 -0.09 5.45	7.87 -0.08 3.14	9.41 -0.09 1.33	14.08 -0.05 5.88	17.13 0.07 5.26	19.35 0.01 1.23	26.58 0.10 0.00	39.54 -0.01 0.00	39.12 0.33 0.00	39.79 0.30 0.00	28.14 0.12 0.00
LEDERLE____ 23769	24.75 1.03 0.00	17.37 0.74 0.00	23.49 1.04 0.00	19.74 0.85 0.00	21.52 0.84 0.00	23.94 0.92 0.00	15.92 0.62 0.00	14.73 0.57 0.00	18.43 0.70 0.00	17.24 0.69 0.00	21.86 0.99 0.00	23.15 1.05 0.00	14.98 0.74 0.61	15.08 0.88 3.42	9.70 0.57 1.97	10.55 0.57 0.84	17.30 0.99 3.69	20.10 1.08 3.30	20.81 1.01 0.77	27.72 1.24 0.00	41.34 1.79 0.00	40.34 1.55 0.00	41.00 1.51 0.00	29.11 1.08 0.00
LIGHTHSE_115KV_TB6 355974	23.03 -0.70 0.00	16.13 -0.50 0.00	21.80 -0.66 0.00	18.31 -0.58 0.00	20.02 -0.65 0.00	22.27 -0.76 0.00	14.77 -0.52 0.00	13.69 -0.47 0.00	17.11 -0.61 0.00	15.99 -0.56 0.00	20.16 -0.72 0.00	21.30 -0.81 0.00	8.38 -0.62 5.85	-16.01 -0.72 32.91	-8.32 -0.45 18.97	2.33 -0.44 8.05	-16.22 -0.77 35.46	-10.18 -0.78 31.72	12.44 -0.71 7.42	25.68 -0.80 0.00	38.51 -1.05 0.00	37.83 -0.96 0.00	38.45 -1.04 0.00	27.20 -0.83 0.00
LINDEN COGEN____ 23786	24.69 0.97 0.00	17.36 0.72 0.00	23.47 1.02 0.00	19.73 0.84 0.00	21.48 0.81 0.00	23.89 0.87 0.00	15.89 0.60 0.00	14.70 0.54 0.00	18.40 0.68 0.00	17.21 0.66 0.00	21.84 0.96 0.00	23.10 1.00 0.00	14.99 0.73 0.59	15.17 0.86 3.31	9.74 0.55 1.91	10.57 0.56 0.81	17.38 0.94 3.57	20.16 1.03 3.19	20.78 0.95 0.75	27.62 1.14 0.00	41.15 1.59 0.00	40.16 1.36 0.00	40.81 1.32 0.00	29.04 1.01 0.00
LINDHRST_69_KV_BK1 356055	34.32 1.64 -8.96	19.75 1.05 -2.06	23.93 1.48 0.00	20.77 1.20 -0.68	21.85 1.18 0.00	24.32 1.30 0.00	16.11 0.82 0.00	14.88 0.72 0.00	18.58 0.85 0.00	17.40 0.84 0.00	24.92 1.42 -2.63	25.62 1.46 -2.06	17.41 1.07 -1.50	15.51 1.16 3.27	9.87 0.67 1.91	10.95 0.75 0.62	17.88 1.26 3.39	20.48 1.35 3.19	21.06 1.23 0.75	28.03 1.55 0.00	41.93 2.37 0.00	40.88 2.09 0.00	41.58 2.09 0.00	29.54 1.52 0.00
LIPA_MISC_IPP 23656	11.71 1.56 13.57	14.49 0.98 3.13	23.87 1.41 0.00	19.01 1.14 1.02	21.75 1.08 0.00	24.22 1.20 0.00	16.04 0.74 0.00	14.79 0.63 0.00	18.45 0.72 0.00	17.27 0.71 0.00	18.13 1.23 3.98	20.20 1.23 3.13	12.02 0.93 3.75	15.21 0.97 3.38	9.71 0.53 1.91	10.40 0.62 1.05	17.19 1.03 3.85	20.32 1.20 3.20	20.92 1.09 0.75	27.80 1.31 0.00	41.60 2.04 0.00	40.58 1.78 0.00	41.34 1.85 0.00	29.33 1.30 0.00
LISF____SOLAR 323691	11.97 1.60 13.36	14.56 1.01 3.08	23.90 1.45 0.00	19.05 1.16 1.01	21.79 1.12 0.00	24.25 1.23 0.00	16.06 0.77 0.00	14.81 0.65 0.00	18.46 0.74 0.00	17.27 0.71 0.00	18.20 1.23 3.92	20.26 1.23 3.08	12.09 0.94 3.70	15.22 0.98 3.38	9.71 0.53 1.91	10.40 0.63 1.05	17.20 1.03 3.84	20.36 1.24 3.20	20.95 1.12 0.75	27.84 1.36 0.00	41.67 2.11 0.00	40.64 1.85 0.00	41.40 1.91 0.00	29.37 1.34 0.00
LITTLE FALLS____HYD 24013	23.46 -0.26 0.00	16.52 -0.12 0.00	22.49 0.04 0.00	18.94 0.05 0.00	20.66 -0.01 0.00	22.99 -0.03 0.00	15.17 -0.12 0.00	13.99 -0.17 0.00	17.41 -0.31 0.00	16.09 -0.47 0.00	20.16 -0.72 0.00	21.39 -0.71 0.00	13.83 -0.44 0.58	13.70 -0.67 3.25	8.84 -0.39 1.88	9.71 -0.32 0.79	15.93 -0.57 3.50	18.53 -0.66 3.13	19.41 -0.43 0.73	26.09 -0.39 0.00	39.13 -0.43 0.00	38.36 -0.43 0.00	38.80 -0.69 0.00	27.62 -0.42 0.00

LITTLRIV_115KV_TB1 356100	24.04 0.32 0.00	16.68 0.05 0.00	22.35 -0.11 0.00	18.83 -0.07 0.00	20.66 -0.01 0.00	23.07 0.05 0.00	15.54 0.24 0.00	14.37 0.21 0.00	17.99 0.26 0.00	16.83 0.27 0.00	21.16 0.28 0.00	22.37 0.27 0.00	13.98 0.16 1.03	11.86 0.01 5.78	7.76 -0.01 3.33	9.41 0.00 1.41	13.92 0.14 6.22	17.09 0.34 5.57	19.53 0.26 1.30	26.96 0.48 0.00	40.18 0.62 0.00	39.72 0.92 0.00	40.36 0.87 0.00	28.53 0.50 0.00
LI_NEWBRDGE___DRP 323616	3.35 1.18 21.55	12.39 0.73 4.97	23.52 1.07 0.00	18.15 0.88 1.63	21.50 0.83 0.00	23.93 0.91 0.00	15.85 0.56 0.00	14.65 0.49 0.00	18.29 0.57 0.00	17.15 0.60 0.00	15.66 1.10 6.32	18.27 1.13 4.96	10.06 0.82 5.60	15.08 0.87 3.42	9.69 0.50 1.91	10.21 0.60 1.21	16.92 0.93 4.01	20.08 0.96 3.20	20.68 0.86 0.75	27.52 1.04 0.00	41.13 1.57 0.00	40.11 1.31 0.00	40.79 1.30 0.00	29.01 0.98 0.00
LOCKPORT_115KV_TB60_63_64 80432	14.14 -2.23 7.35	12.70 -1.71 2.23	13.87 -2.19 6.39	15.33 -1.99 1.58	17.79 -2.21 0.67	14.70 -2.38 5.93	11.88 -1.65 1.77	6.12 -1.45 6.60	9.32 -1.73 6.67	13.36 -1.70 1.50	16.48 -2.15 2.25	17.57 -2.17 2.36	9.58 -1.67 3.60	-0.37 -1.36 16.63	0.17 -0.84 10.09	2.90 -0.91 7.01	0.46 -1.63 17.91	4.46 -1.87 15.98	10.71 -1.94 7.93	20.42 -2.78 3.28	33.86 -4.04 1.66	31.14 -3.75 3.91	36.40 -3.09 0.00	25.66 -2.37 0.00
LOCKPORT___CC1 323769	13.34 -2.24 8.14	12.45 -1.72 2.47	13.18 -2.20 7.08	15.16 -1.99 1.74	17.71 -2.22 0.74	14.06 -2.39 6.57	11.68 -1.65 1.96	5.40 -1.46 7.31	8.60 -1.73 7.39	13.20 -1.70 1.66	16.25 -2.15 2.48	17.34 -2.18 2.58	9.54 -1.68 3.63	-0.46 -1.39 16.69	0.06 -0.86 10.18	2.55 -0.93 7.34	0.35 -1.67 17.98	4.36 -1.92 16.05	10.23 -1.95 8.39	20.07 -2.78 3.64	33.45 -4.02 2.09	30.35 -3.75 4.69	36.09 -3.09 0.32	25.52 -2.37 0.14
LOCKPORT___CC2 323770	13.34 -2.24 8.14	12.45 -1.72 2.47	13.18 -2.20 7.08	15.16 -1.99 1.74	17.71 -2.22 0.74	14.06 -2.39 6.57	11.68 -1.65 1.96	5.40 -1.46 7.31	8.60 -1.73 7.39	13.20 -1.70 1.66	16.25 -2.15 2.48	17.34 -2.18 2.58	9.54 -1.68 3.63	-0.46 -1.39 16.69	0.06 -0.86 10.18	2.55 -0.93 7.34	0.35 -1.67 17.98	4.36 -1.92 16.05	10.23 -1.95 8.39	20.07 -2.78 3.64	33.45 -4.02 2.09	30.35 -3.75 4.69	36.09 -3.09 0.32	25.52 -2.37 0.14
LOCKPORT___CC3 323771	13.34 -2.24 8.14	12.45 -1.72 2.47	13.18 -2.20 7.08	15.16 -1.99 1.74	17.71 -2.22 0.74	14.06 -2.39 6.57	11.68 -1.65 1.96	5.40 -1.46 7.31	8.60 -1.73 7.39	13.20 -1.70 1.66	16.25 -2.15 2.48	17.34 -2.18 2.58	9.54 -1.68 3.63	-0.46 -1.39 16.69	0.06 -0.86 10.18	2.55 -0.93 7.34	0.35 -1.67 17.98	4.36 -1.92 16.05	10.23 -1.95 8.39	20.07 -2.78 3.64	33.45 -4.02 2.09	30.35 -3.75 4.69	36.09 -3.09 0.32	25.52 -2.37 0.14
LOCUSVLY_69_KV_BK2 55797	42.48 1.36 -17.39	21.54 0.89 -4.01	23.72 1.27 0.00	21.24 1.04 -1.31	21.69 1.01 0.00	24.14 1.11 0.00	16.01 0.71 0.00	14.80 0.63 0.00	18.50 0.78 0.00	17.34 0.78 0.00	27.25 1.27 -5.10	27.43 1.33 -4.01	19.26 0.96 -3.46	15.45 1.06 3.23	9.82 0.63 1.90	11.05 0.69 0.47	17.93 1.13 3.21	20.31 1.18 3.19	20.91 1.09 0.75	27.82 1.34 0.00	41.55 2.00 0.00	40.51 1.71 0.00	41.15 1.67 0.00	29.29 1.27 0.00
LONG_LAKE_PHOENIX 24014	22.65 -1.07 0.00	15.88 -0.76 0.00	21.46 -0.99 0.00	18.03 -0.86 0.00	19.71 -0.96 0.00	21.95 -1.07 0.00	14.56 -0.73 0.00	13.50 -0.66 0.00	16.90 -0.82 0.00	15.78 -0.77 0.00	19.90 -0.98 0.00	21.04 -1.06 0.00	7.20 -0.76 6.89	-21.97 -0.84 38.75	-11.76 -0.52 22.34	0.84 -0.50 9.48	-22.67 -0.93 41.75	-16.06 -1.03 37.35	10.90 -0.94 8.74	25.29 -1.19 0.00	37.83 -1.73 0.00	37.11 -1.69 0.00	37.85 -1.65 0.00	26.81 -1.22 0.00
LOVETT___3 23632	24.62 0.90 0.00	17.29 0.65 0.00	23.39 0.93 0.00	19.66 0.77 0.00	21.42 0.75 0.00	23.83 0.81 0.00	15.84 0.55 0.00	14.66 0.50 0.00	18.34 0.61 0.00	17.16 0.60 0.00	21.75 0.87 0.00	23.02 0.92 0.00	14.91 0.67 0.61	15.01 0.79 3.40	9.65 0.51 1.96	10.50 0.51 0.83	17.21 0.88 3.67	19.99 0.96 3.28	20.70 0.89 0.77	27.56 1.08 0.00	41.09 1.54 0.00	40.11 1.31 0.00	40.77 1.28 0.00	28.97 0.94 0.00
LOVETT___4 23642	24.62 0.90 0.00	17.29 0.65 0.00	23.39 0.93 0.00	19.66 0.77 0.00	21.42 0.75 0.00	23.83 0.81 0.00	15.84 0.55 0.00	14.66 0.50 0.00	18.34 0.61 0.00	17.16 0.60 0.00	21.75 0.87 0.00	23.02 0.92 0.00	14.91 0.67 0.61	15.01 0.79 3.40	9.65 0.51 1.96	10.50 0.51 0.83	17.21 0.88 3.67	19.99 0.96 3.28	20.70 0.89 0.77	27.56 1.08 0.00	41.09 1.54 0.00	40.11 1.31 0.00	40.77 1.28 0.00	28.97 0.94 0.00
LOVETT___5 23593	24.62 0.90 0.00	17.29 0.65 0.00	23.39 0.93 0.00	19.66 0.77 0.00	21.42 0.75 0.00	23.83 0.81 0.00	15.84 0.55 0.00	14.66 0.50 0.00	18.34 0.61 0.00	17.16 0.60 0.00	21.75 0.87 0.00	23.02 0.92 0.00	14.91 0.67 0.61	15.01 0.79 3.40	9.65 0.51 1.96	10.50 0.51 0.83	17.21 0.88 3.67	19.99 0.96 3.28	20.70 0.89 0.77	27.56 1.08 0.00	41.09 1.54 0.00	40.11 1.31 0.00	40.77 1.28 0.00	28.97 0.94 0.00
LOWER RAQUET___HYD 24057	23.63 -0.10 0.00	16.40 -0.23 0.00	21.97 -0.49 0.00	18.50 -0.39 0.00	20.30 -0.37 0.00	22.67 -0.36 0.00	15.26 -0.03 0.00	14.14 -0.03 0.00	17.72 0.00 0.00	16.61 0.05 0.00	20.90 0.02 0.00	22.10 0.00 0.00	13.73 -0.03 1.08	11.35 -0.19 6.08	7.45 -0.14 3.51	9.19 -0.14 1.49	13.30 -0.15 6.55	16.44 -0.02 5.86	19.12 -0.08 1.37	26.49 0.01 0.00	39.43 -0.13 0.00	39.00 0.20 0.00	39.64 0.15 0.00	28.03 0.00 0.00
LOWER___HUDSON 24059	24.04 0.31 0.00	16.92 0.29 0.00	22.94 0.48 0.00	19.31 0.41 0.00	21.09 0.41 0.00	23.46 0.44 0.00	15.55 0.25 0.00	14.37 0.21 0.00	17.93 0.20 0.00	16.72 0.16 0.00	21.02 0.14 0.00	22.25 0.15 0.00	14.59 0.15 0.40	15.52 0.17 2.27	9.90 0.10 1.31	10.38 0.11 0.55	17.80 0.24 2.45	20.39 0.25 2.19	20.32 0.26 0.51	26.78 0.30 0.00	40.03 0.47 0.00	39.25 0.45 0.00	39.88 0.38 0.00	28.34 0.31 0.00
LOWVILLE_115KV_TB2 356335	23.67 -0.05 0.00	16.62 -0.02 0.00	22.43 -0.02 0.00	18.84 -0.05 0.00	20.60 -0.07 0.00	22.98 -0.04 0.00	15.32 0.02 0.00	14.15 0.00 0.00	17.70 -0.03 0.00	16.52 -0.03 0.00	20.78 -0.10 0.00	21.91 -0.19 0.00	12.18 -0.23 2.43	3.49 -0.47 13.66	2.88 -0.34 7.88	7.12 -0.37 3.34	4.72 -0.56 14.72	8.82 -0.33 13.17	17.30 -0.20 3.08	26.47 -0.01 0.00	39.69 0.13 0.00	38.92 0.12 0.00	39.29 -0.20 0.00	27.73 -0.30 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	24.44 0.72 0.00	17.17 0.53 0.00	23.26 0.81 0.00	19.57 0.67 0.00	21.38 0.70 0.00	23.80 0.78 0.00	15.75 0.46 0.00	14.56 0.40 0.00	18.17 0.45 0.00	16.93 0.37 0.00	21.27 0.40 0.00	22.53 0.43 0.00	14.76 0.32 0.40	15.72 0.36 2.26	10.03 0.23 1.31	10.52 0.25 0.55	18.10 0.53 2.44	20.74 0.60 2.18	20.67 0.61 0.51	27.26 0.78 0.00	40.74 1.18 0.00	39.92 1.12 0.00	40.53 1.04 0.00	28.77 0.74 0.00

LUTHERNY_35_KV_BK2 355980	24.48 0.76 0.00	17.18 0.54 0.00	23.29 0.83 0.00	19.58 0.68 0.00	21.39 0.72 0.00	23.81 0.79 0.00	15.77 0.47 0.00	14.57 0.40 0.00	18.18 0.46 0.00	16.92 0.37 0.00	21.29 0.41 0.00	22.55 0.45 0.00	14.77 0.33 0.40	15.73 0.37 2.26	10.04 0.25 1.31	10.54 0.27 0.55	18.12 0.55 2.44	20.76 0.63 2.18	20.70 0.64 0.51	27.29 0.81 0.00	40.78 1.22 0.00	39.93 1.13 0.00	40.55 1.06 0.00	28.77 0.75 0.00
LWR___OSWEGATCHIE_HYD 23850	23.43 -0.30 0.00	16.35 -0.29 0.00	21.97 -0.48 0.00	18.49 -0.41 0.00	20.24 -0.43 0.00	22.59 -0.43 0.00	15.13 -0.16 0.00	14.00 -0.16 0.00	17.51 -0.21 0.00	16.39 -0.16 0.00	20.61 -0.26 0.00	21.76 -0.34 0.00	12.61 -0.31 1.93	6.26 -0.52 10.84	4.49 -0.35 6.25	7.81 -0.36 2.65	7.80 -0.52 11.68	11.49 -0.38 10.45	17.79 -0.34 2.45	26.23 -0.25 0.00	39.18 -0.38 0.00	38.60 -0.20 0.00	39.10 -0.39 0.00	27.62 -0.41 0.00
LYONS_FALL_HYD 23570	23.76 0.03 0.00	16.67 0.04 0.00	22.51 0.06 0.00	18.92 0.02 0.00	20.68 0.01 0.00	23.06 0.04 0.00	15.34 0.05 0.00	14.20 0.04 0.00	17.76 0.04 0.00	16.58 0.03 0.00	20.87 -0.01 0.00	22.04 -0.06 0.00	12.60 -0.12 2.12	5.39 -0.28 11.95	4.00 -0.20 6.89	7.69 -0.21 2.92	6.81 -0.31 12.88	10.65 -0.15 11.52	17.83 -0.05 2.70	26.58 0.10 0.00	39.82 0.26 0.00	39.02 0.23 0.00	39.50 0.01 0.00	27.91 -0.12 0.00
MADISON___COUNTY_LFGE 323628	23.86 0.14 0.00	16.73 0.09 0.00	22.62 0.16 0.00	19.01 0.11 0.00	20.77 0.10 0.00	23.14 0.12 0.00	15.37 0.07 0.00	14.24 0.08 0.00	17.83 0.10 0.00	16.62 0.07 0.00	20.95 0.05 -0.03	22.23 0.04 -0.09	11.81 -0.03 3.01	-0.05 -0.07 17.60	0.90 -0.05 10.15	6.48 -0.03 4.31	0.96 -0.07 18.97	5.36 0.01 16.97	16.71 0.11 3.97	26.69 0.21 0.00	39.98 0.40 -0.03	39.34 0.35 -0.20	39.79 0.30 0.00	28.17 0.14 0.00
MALONE___115KV_TB1 356076	24.07 0.35 0.00	16.77 0.14 0.00	22.47 0.02 0.00	18.92 0.02 0.00	20.75 0.08 0.00	23.14 0.12 0.00	15.51 0.22 0.00	14.39 0.23 0.00	18.07 0.34 0.00	16.96 0.40 0.00	21.35 0.47 0.00	22.57 0.47 0.00	14.50 0.29 0.64	14.24 0.21 3.59	9.14 0.11 2.07	10.06 0.12 0.88	16.48 0.34 3.87	19.32 0.46 3.46	20.12 0.36 0.81	26.92 0.44 0.00	40.12 0.56 0.00	39.61 0.81 0.00	40.30 0.81 0.00	28.49 0.46 0.00
MAPLEWOD_115KV_TB3 80458	23.96 0.24 0.00	16.87 0.23 0.00	22.85 0.40 0.00	19.23 0.33 0.00	20.99 0.32 0.00	23.36 0.34 0.00	15.48 0.18 0.00	14.32 0.16 0.00	17.87 0.15 0.00	16.65 0.09 0.00	20.99 0.11 0.00	22.22 0.11 0.00	14.56 0.13 0.41	15.43 0.13 2.33	9.85 0.09 1.34	10.35 0.10 0.57	17.70 0.21 2.51	20.27 0.20 2.24	20.22 0.17 0.53	26.67 0.19 0.00	39.86 0.30 0.00	39.06 0.26 0.00	39.69 0.20 0.00	28.23 0.20 0.00
MAPLE_RIDGE_WT_1 323574	23.60 -0.12 0.00	16.55 -0.09 0.00	22.34 -0.11 0.00	18.81 -0.09 0.00	20.57 -0.10 0.00	22.92 -0.10 0.00	15.24 -0.05 0.00	14.11 -0.05 0.00	17.67 -0.06 0.00	16.51 -0.05 0.00	20.82 -0.06 0.00	22.03 -0.07 0.00	14.47 -0.05 0.32	15.69 -0.14 1.79	9.92 -0.14 1.03	10.24 -0.15 0.44	17.77 -0.30 1.93	20.29 -0.30 1.73	19.95 -0.22 0.40	26.31 -0.17 0.00	39.27 -0.28 0.00	38.60 -0.20 0.00	39.20 -0.29 0.00	27.82 -0.21 0.00
MAPLE_RIDGE_WT_2 323611	23.60 -0.12 0.00	16.55 -0.09 0.00	22.34 -0.11 0.00	18.81 -0.09 0.00	20.57 -0.10 0.00	22.92 -0.10 0.00	15.24 -0.05 0.00	14.11 -0.05 0.00	17.67 -0.06 0.00	16.51 -0.05 0.00	20.82 -0.06 0.00	22.03 -0.07 0.00	14.47 -0.05 0.32	15.69 -0.14 1.79	9.92 -0.14 1.03	10.24 -0.15 0.44	17.77 -0.30 1.93	20.29 -0.30 1.73	19.95 -0.22 0.40	26.31 -0.17 0.00	39.27 -0.28 0.00	38.60 -0.20 0.00	39.20 -0.29 0.00	27.82 -0.21 0.00
MARBLE_RIVER_WT_PWR 323696	24.06 0.33 0.00	16.79 0.15 0.00	22.51 0.05 0.00	18.94 0.05 0.00	20.77 0.09 0.00	23.15 0.13 0.00	15.47 0.17 0.00	14.34 0.18 0.00	18.00 0.28 0.00	16.87 0.32 0.00	21.24 0.36 0.00	22.47 0.37 0.00	14.67 0.25 0.43	15.42 0.20 2.40	9.83 0.11 1.38	10.35 0.12 0.59	17.73 0.31 2.58	20.38 0.37 2.31	20.30 0.27 0.54	26.75 0.28 0.00	39.84 0.28 0.00	39.32 0.52 0.00	40.08 0.59 0.00	28.40 0.37 0.00
MARSHVLE_115KV_TB1 80742	24.69 0.96 0.00	17.28 0.64 0.00	23.24 0.78 0.00	19.53 0.64 0.00	21.36 0.69 0.00	23.80 0.77 0.00	15.83 0.54 0.00	14.65 0.49 0.00	18.37 0.65 0.00	17.08 0.53 0.00	21.42 0.54 0.00	22.62 0.52 0.00	14.53 0.34 0.65	14.21 0.27 3.69	9.19 0.21 2.12	10.12 0.20 0.90	16.49 0.45 3.97	19.28 0.51 3.55	20.40 0.65 0.83	27.51 1.03 0.00	41.25 1.69 0.00	40.54 1.74 0.00	41.24 1.75 0.00	29.16 1.12 0.00
MARSH_HILL_WT_PWR 323713	53.26 -2.08 -31.62	24.60 -1.59 -9.56	47.59 -2.23 -27.37	23.68 -1.96 -6.75	21.47 -2.07 -2.86	46.15 -2.29 -25.41	21.32 -1.58 -7.60	41.12 -1.35 -28.30	44.68 -1.71 -28.66	21.39 -1.59 -6.42	27.55 -2.07 -8.73	27.11 -2.27 -7.28	9.31 -1.63 3.90	-0.19 -1.82 15.98	2.89 -1.14 7.06	18.37 -1.16 -8.70	0.56 -2.22 17.23	4.38 -2.35 15.59	33.09 -1.86 -14.37	38.20 -2.37 -14.09	42.16 -3.70 -6.29	46.09 -3.25 -10.54	36.83 -2.66 0.00	26.05 -1.98 0.00
MCINTYRE_115KV_TB2 80467	24.27 0.54 0.00	16.84 0.20 0.00	22.55 0.09 0.00	19.00 0.10 0.00	20.86 0.19 0.00	23.30 0.28 0.00	15.68 0.39 0.00	14.50 0.34 0.00	18.13 0.41 0.00	16.96 0.40 0.00	21.32 0.44 0.00	22.53 0.43 0.00	14.20 0.29 0.94	12.50 0.17 5.29	8.14 0.09 3.05	9.62 0.09 1.29	14.62 0.32 5.70	17.76 0.54 5.10	19.83 0.45 1.19	27.21 0.73 0.00	40.57 1.01 0.00	40.11 1.31 0.00	40.77 1.28 0.00	28.83 0.80 0.00
MECO_____69_KV_BK1 80468	24.85 1.13 0.00	17.41 0.78 0.00	23.48 1.02 0.00	19.74 0.84 0.00	21.57 0.91 0.00	24.03 1.01 0.00	15.96 0.66 0.00	14.72 0.56 0.00	18.38 0.66 0.00	17.04 0.48 0.00	21.25 0.38 0.00	22.48 0.38 0.00	14.59 0.30 0.56	14.57 0.09 3.14	9.43 0.14 1.81	10.28 0.22 0.77	17.32 0.70 3.38	20.06 0.76 3.02	20.69 0.83 0.71	27.75 1.27 0.00	41.64 2.09 0.00	40.89 2.09 0.00	41.53 2.04 0.00	29.38 1.35 0.00
MENANDS___115KV_TB5 355628	23.86 0.13 0.00	16.80 0.16 0.00	22.76 0.30 0.00	19.15 0.26 0.00	20.91 0.24 0.00	23.26 0.24 0.00	15.42 0.12 0.00	14.26 0.10 0.00	17.80 0.08 0.00	16.58 0.02 0.00	20.91 0.03 0.00	22.14 0.04 0.00	14.51 0.08 0.41	15.36 0.08 2.33	9.81 0.06 1.34	10.31 0.06 0.57	17.62 0.12 2.51	20.17 0.10 2.25	20.12 0.07 0.53	26.52 0.04 0.00	39.63 0.08 0.00	38.85 0.06 0.00	39.48 -0.01 0.00	28.09 0.06 0.00
MG INDUSTRY___DRP 24185	23.95 0.23 0.00	16.85 0.22 0.00	22.83 0.38 0.00	19.21 0.32 0.00	20.99 0.31 0.00	23.35 0.33 0.00	15.48 0.18 0.00	14.31 0.15 0.00	17.87 0.15 0.00	16.63 0.08 0.00	20.97 0.09 0.00	22.21 0.11 0.00	14.49 0.07 0.43	15.29 0.08 2.41	9.77 0.06 1.39	10.31 0.08 0.59	17.58 0.17 2.60	20.18 0.18 2.33	20.19 0.15 0.54	26.66 0.18 0.00	39.85 0.29 0.00	39.06 0.26 0.00	39.68 0.19 0.00	28.22 0.19 0.00

MID___OSWEGATCHIE_HYD 23849	23.43 -0.30 0.00	16.35 -0.29 0.00	21.97 -0.48 0.00	18.49 -0.41 0.00	20.24 -0.43 0.00	22.59 -0.43 0.00	15.13 -0.16 0.00	14.00 -0.16 0.00	17.51 -0.21 0.00	16.39 -0.16 0.00	20.61 -0.26 0.00	21.76 -0.34 0.00	12.61 -0.31 1.93	6.26 -0.52 10.84	4.49 -0.35 6.25	7.81 -0.36 2.65	7.80 -0.52 11.68	11.49 -0.38 10.45	17.79 -0.34 2.45	26.23 -0.25 0.00	39.18 -0.38 0.00	38.60 -0.20 0.00	39.10 -0.39 0.00	27.62 -0.41 0.00
MID___RAQUETTE_HYD 23851	23.63 -0.10 0.00	16.40 -0.23 0.00	21.97 -0.49 0.00	18.50 -0.39 0.00	20.30 -0.37 0.00	22.67 -0.35 0.00	15.26 -0.03 0.00	14.14 -0.03 0.00	17.72 0.00 0.00	16.61 0.05 0.00	20.90 0.02 0.00	22.09 -0.01 0.00	13.73 -0.03 1.08	11.35 -0.19 6.08	7.45 -0.14 3.51	9.19 -0.14 1.49	13.30 -0.15 6.55	16.44 -0.02 5.86	19.12 -0.08 1.37	26.49 0.01 0.00	39.43 -0.13 0.00	39.00 0.20 0.00	39.64 0.15 0.00	28.03 0.00 0.00
MILLIKEN___1 23584	25.82 -0.38 -2.48	17.11 -0.27 -0.75	24.26 -0.31 -2.12	19.11 -0.31 -0.52	20.52 -0.37 -0.22	24.59 -0.40 -1.97	15.60 -0.29 -0.60	16.11 -0.25 -2.20	19.69 -0.28 -2.24	16.76 -0.29 -0.50	21.67 -0.39 -1.18	23.73 -0.47 -2.10	11.89 -0.41 2.54	-8.23 -0.42 25.42	-3.64 -0.24 14.49	5.35 -0.23 5.24	-7.85 -0.46 27.40	-2.66 -0.47 24.52	15.94 -0.31 4.32	27.17 -0.40 -1.10	39.98 -0.54 -0.96	42.48 -0.55 -4.23	38.97 -0.52 0.00	27.63 -0.41 0.00
MILLIKEN___2 23585	25.82 -0.38 -2.48	17.11 -0.27 -0.75	24.26 -0.31 -2.12	19.11 -0.31 -0.52	20.52 -0.37 -0.22	24.59 -0.40 -1.97	15.60 -0.29 -0.60	16.11 -0.25 -2.20	19.69 -0.28 -2.24	16.76 -0.29 -0.50	21.67 -0.39 -1.18	23.73 -0.47 -2.10	11.89 -0.41 2.54	-8.23 -0.42 25.42	-3.64 -0.24 14.49	5.35 -0.23 5.24	-7.85 -0.46 27.40	-2.66 -0.47 24.52	15.94 -0.31 4.32	27.17 -0.40 -1.10	39.98 -0.54 -0.96	42.48 -0.55 -4.23	38.97 -0.52 0.00	27.63 -0.41 0.00
MILLIKEN___DIESEL 23629	25.82 -0.38 -2.48	17.11 -0.27 -0.75	24.26 -0.31 -2.12	19.11 -0.31 -0.52	20.52 -0.37 -0.22	24.59 -0.40 -1.97	15.60 -0.29 -0.60	16.11 -0.25 -2.20	19.69 -0.28 -2.24	16.76 -0.29 -0.50	21.67 -0.39 -1.18	23.73 -0.47 -2.10	11.89 -0.41 2.54	-8.23 -0.42 25.42	-3.64 -0.24 14.49	5.35 -0.23 5.24	-7.85 -0.46 27.40	-2.66 -0.47 24.52	15.94 -0.31 4.32	27.17 -0.40 -1.10	39.98 -0.54 -0.96	42.48 -0.55 -4.23	38.97 -0.52 0.00	27.63 -0.41 0.00
MILLSEAT___LFGE 323607	16.17 -1.68 5.87	13.53 -1.32 1.78	15.66 -1.69 5.11	16.09 -1.55 1.26	18.41 -1.73 0.53	16.44 -1.84 4.74	12.61 -1.27 1.41	7.79 -1.11 5.27	11.08 -1.31 5.33	14.06 -1.30 1.20	17.38 -1.68 1.82	18.46 -1.70 1.93	9.96 -1.36 3.52	-0.04 -1.10 16.55	0.47 -0.68 9.94	3.67 -0.75 6.40	0.92 -1.25 17.83	4.98 -1.41 15.93	12.07 -1.44 7.07	21.76 -2.10 2.62	35.03 -2.95 1.58	32.44 -2.73 3.63	37.04 -2.17 0.28	26.16 -1.75 0.12
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	24.66 0.93 0.00	17.32 0.68 0.00	23.43 0.97 0.00	19.69 0.79 0.00	21.45 0.78 0.00	23.86 0.84 0.00	15.86 0.56 0.00	14.68 0.52 0.00	18.36 0.63 0.00	17.17 0.62 0.00	21.77 0.90 0.00	23.04 0.94 0.00	14.94 0.68 0.59	15.10 0.81 3.33	9.70 0.52 1.92	10.53 0.52 0.81	17.31 0.89 3.59	20.08 0.97 3.21	20.73 0.90 0.75	27.58 1.10 0.00	41.13 1.57 0.00	40.14 1.35 0.00	40.80 1.30 0.00	29.00 0.97 0.00
MILLWOOD_13_KV_LOAD 356217	24.69 0.96 0.00	17.35 0.71 0.00	23.45 1.00 0.00	19.71 0.81 0.00	21.47 0.80 0.00	23.89 0.87 0.00	15.87 0.58 0.00	14.69 0.53 0.00	18.37 0.65 0.00	17.19 0.63 0.00	21.80 0.92 0.00	23.07 0.97 0.00	14.95 0.70 0.59	15.12 0.83 3.33	9.71 0.53 1.92	10.54 0.53 0.81	17.33 0.91 3.59	20.11 1.00 3.21	20.76 0.93 0.75	27.61 1.13 0.00	41.18 1.62 0.00	40.20 1.40 0.00	40.85 1.36 0.00	29.03 1.00 0.00
MODEL_CITY_ENERGY 24167	13.85 -2.35 7.52	12.53 -1.83 2.28	13.60 -2.32 6.54	15.16 -2.12 1.61	17.61 -2.38 0.68	14.45 -2.51 6.07	11.73 -1.75 1.81	5.88 -1.53 6.75	9.06 -1.83 6.83	13.20 -1.82 1.53	16.29 -2.29 2.30	17.38 -2.31 2.41	9.46 -1.77 3.61	-0.45 -1.46 16.61	0.11 -0.90 10.09	2.77 -0.98 7.07	0.36 -1.76 17.89	4.34 -2.01 15.97	10.51 -2.05 8.02	20.12 -3.00 3.36	33.18 -4.40 1.98	30.20 -4.12 4.48	35.73 -3.42 0.34	25.29 -2.59 0.15
MODERN_LFGE___ 323580	13.85 -2.35 7.52	12.53 -1.83 2.28	13.60 -2.32 6.54	15.16 -2.12 1.61	17.61 -2.38 0.68	14.45 -2.51 6.07	11.73 -1.75 1.81	5.88 -1.53 6.75	9.06 -1.83 6.83	13.20 -1.82 1.53	16.29 -2.29 2.30	17.38 -2.31 2.41	9.46 -1.77 3.61	-0.45 -1.46 16.61	0.11 -0.90 10.09	2.77 -0.98 7.07	0.36 -1.76 17.89	4.34 -2.01 15.97	10.51 -2.05 8.02	20.12 -3.00 3.36	33.18 -4.40 1.98	30.20 -4.12 4.48	35.73 -3.42 0.34	25.29 -2.59 0.15
MOHAWK_PAPER___DRP 24187	23.96 0.24 0.00	16.87 0.23 0.00	22.85 0.40 0.00	19.23 0.33 0.00	20.99 0.32 0.00	23.36 0.34 0.00	15.48 0.18 0.00	14.32 0.16 0.00	17.87 0.15 0.00	16.65 0.09 0.00	20.99 0.11 0.00	22.22 0.11 0.00	14.56 0.13 0.41	15.43 0.13 2.33	9.85 0.09 1.34	10.35 0.10 0.57	17.70 0.21 2.51	20.27 0.20 2.24	20.22 0.17 0.53	26.67 0.19 0.00	39.86 0.30 0.00	39.06 0.26 0.00	39.69 0.20 0.00	28.23 0.20 0.00
MOHICAN___35_KV_115KV_LD 80490	24.69 0.96 0.00	17.31 0.67 0.00	23.46 1.01 0.00	19.72 0.83 0.00	21.55 0.88 0.00	24.00 0.98 0.00	15.85 0.56 0.00	14.66 0.50 0.00	18.28 0.55 0.00	17.05 0.49 0.00	21.35 0.48 0.00	22.60 0.50 0.00	14.80 0.36 0.40	15.77 0.41 2.26	10.06 0.26 1.31	10.55 0.28 0.55	18.20 0.63 2.44	20.84 0.70 2.18	20.84 0.78 0.51	27.49 1.01 0.00	41.10 1.54 0.00	40.26 1.46 0.00	40.83 1.34 0.00	28.95 0.92 0.00
MONGAUP___HYD 23641	24.66 0.93 0.00	17.30 0.66 0.00	23.36 0.91 0.00	19.64 0.74 0.00	21.41 0.74 0.00	23.82 0.80 0.00	15.84 0.54 0.00	14.66 0.50 0.00	18.26 0.54 0.00	16.99 0.44 0.00	21.51 0.63 0.00	22.78 0.68 0.00	14.71 0.50 0.64	14.58 0.55 3.59	9.36 0.33 2.07	10.27 0.32 0.88	16.67 0.54 3.87	19.34 0.48 3.46	20.29 0.53 0.81	27.19 0.71 0.00	40.77 1.21 0.00	40.25 1.45 0.00	41.08 1.59 0.00	29.14 1.11 0.00
MONTAUK___DIESEL 23721	12.08 1.85 13.49	14.82 1.30 3.11	24.46 2.01 0.00	19.36 1.49 1.02	21.96 1.30 0.00	24.44 1.42 0.00	16.16 0.86 0.00	14.78 0.62 0.00	18.59 0.87 0.00	17.33 0.77 0.00	18.17 1.25 3.95	20.02 1.02 3.11	11.90 0.78 3.73	15.08 0.84 3.38	9.60 0.42 1.91	10.33 0.56 1.05	17.07 0.91 3.84	20.18 1.06 3.20	20.84 1.02 0.75	27.93 1.45 0.00	41.83 2.27 0.00	41.06 2.26 0.00	41.91 2.42 0.00	29.44 1.41 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	15.76 -2.07 5.90	13.35 -1.50 1.79	15.42 -1.91 5.12	15.85 -1.78 1.26	18.14 -2.00 0.54	16.14 -2.13 4.76	12.40 -1.48 1.42	7.57 -1.30 5.29	10.91 -1.46 5.35	14.00 -1.35 1.20	17.32 -1.69 1.87	18.24 -1.77 2.09	9.67 -1.38 3.80	-0.54 -1.20 16.96	0.08 -0.84 10.18	3.41 -0.90 6.51	0.14 -1.60 18.27	4.18 -1.83 16.31	11.68 -1.71 7.17	21.68 -2.16 2.63	35.36 -2.80 1.39	32.88 -2.33 3.59	37.71 -1.78 0.00	26.60 -1.43 0.00

MORRIS_RIDGE___SOLAR 323848	-29.56 -2.07 51.22	-0.39 -1.52 15.51	-24.03 -2.00 44.49	6.15 -1.77 10.97	14.09 -1.93 4.66	-20.40 -2.11 41.31	1.51 -1.46 12.32	-33.06 -1.27 45.95	-30.35 -1.59 46.48	4.60 -1.55 10.41	3.86 -1.99 15.03	5.51 -2.16 14.43	7.69 -1.52 5.63	-5.58 -1.62 21.58	-5.84 -1.01 15.94	-15.97 -1.01 25.78	-5.12 -1.89 23.24	-0.22 -2.06 20.48	-15.19 -1.80 33.97	1.32 -2.29 22.87	25.26 -3.44 10.86	12.98 -3.16 22.66	36.95 -2.67 -0.12	26.11 -1.97 -0.05
MORTIMER_115KV_TB3 55949	22.22 -1.50 0.00	15.54 -1.10 0.00	20.99 -1.47 0.00	17.63 -1.26 0.00	19.28 -1.39 0.00	21.43 -1.59 0.00	14.24 -1.06 0.00	13.20 -0.96 0.00	16.59 -1.14 0.00	15.48 -1.07 0.00	19.42 -1.37 0.09	20.41 -1.43 0.27	10.52 -1.08 3.24	0.43 -0.96 16.22	1.15 -0.60 9.35	6.23 -0.62 3.97	1.43 -1.10 17.48	5.42 -1.27 15.63	15.64 -1.27 3.66	24.82 -1.66 0.00	37.12 -2.35 0.08	35.98 -2.22 0.59	37.57 -1.93 0.00	26.52 -1.51 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	24.78 1.05 0.00	17.41 0.77 0.00	23.54 1.09 0.00	19.79 0.90 0.00	21.55 0.88 0.00	23.98 0.96 0.00	15.94 0.64 0.00	14.75 0.59 0.00	18.46 0.73 0.00	17.27 0.71 0.00	21.91 1.04 0.00	23.18 1.08 0.00	15.04 0.79 0.59	15.23 0.92 3.31	9.78 0.59 1.91	10.60 0.59 0.81	17.46 1.02 3.57	20.23 1.11 3.19	20.85 1.03 0.75	27.72 1.24 0.00	41.31 1.75 0.00	40.32 1.52 0.00	40.98 1.49 0.00	29.15 1.12 0.00
MUNSVILLE_WIND_PWR 323609	26.05 0.52 -1.80	17.56 0.38 -0.54	24.62 0.61 -1.55	19.63 0.35 -0.38	21.03 0.20 -0.16	24.78 0.32 -1.44	15.92 0.18 -0.44	16.03 0.25 -1.61	19.79 0.43 -1.63	17.25 0.32 -0.37	22.01 0.37 -0.76	23.58 0.26 -1.21	12.59 0.03 2.29	-0.92 0.02 18.56	0.48 -0.04 10.58	6.84 -0.16 3.82	-0.39 -0.38 20.00	4.30 -0.12 17.90	17.66 0.24 3.16	27.65 0.37 -0.80	40.74 0.48 -0.70	41.80 0.46 -2.55	40.16 0.55 -0.12	28.44 0.35 -0.05
N SALMON___HYD 24042	24.07 0.35 0.00	16.77 0.14 0.00	22.47 0.02 0.00	18.91 0.02 0.00	20.75 0.08 0.00	23.14 0.12 0.00	15.51 0.22 0.00	14.39 0.23 0.00	18.07 0.34 0.00	16.95 0.40 0.00	21.35 0.47 0.00	22.57 0.47 0.00	14.50 0.29 0.64	14.23 0.20 3.59	9.14 0.11 2.07	10.06 0.12 0.88	16.48 0.34 3.87	19.32 0.46 3.46	20.12 0.35 0.81	26.92 0.44 0.00	40.12 0.56 0.00	39.61 0.81 0.00	40.30 0.81 0.00	28.49 0.46 0.00
N.AKRON__115KV_KNAPP 355671	15.63 -1.76 6.34	13.34 -1.37 1.92	15.19 -1.76 5.51	15.93 -1.60 1.36	18.31 -1.79 0.58	15.98 -1.92 5.11	12.44 -1.33 1.52	7.32 -1.15 5.69	10.60 -1.37 5.75	13.91 -1.36 1.29	17.18 -1.75 1.95	18.28 -1.76 2.07	9.91 -1.39 3.55	-0.07 -1.12 16.58	0.42 -0.69 9.99	3.48 -0.76 6.60	0.87 -1.27 17.86	4.92 -1.46 15.94	11.72 -1.52 7.34	21.47 -2.18 2.83	35.02 -3.10 1.44	32.48 -2.87 3.45	37.21 -2.29 0.00	26.21 -1.82 0.00
N.E_GEN_SANDY PD 24062	24.03 0.31 0.00	16.96 0.32 0.00	23.01 0.56 0.00	19.38 0.49 0.00	21.16 0.48 0.00	23.98 0.52 -0.44	15.60 0.31 0.00	14.41 0.25 0.00	17.97 0.24 0.00	16.89 0.21 -0.12	21.00 0.16 0.04	22.29 0.19 0.00	14.60 0.18 0.43	15.40 0.21 2.43	9.83 0.14 1.40	10.35 0.12 0.59	17.64 0.26 2.62	20.22 0.25 2.35	20.29 0.27 0.55	26.75 0.27 0.00	40.00 0.44 0.00	39.26 0.47 0.00	39.90 0.40 0.00	28.38 0.35 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	24.67 0.94 0.00	17.32 0.69 0.00	23.44 0.99 0.00	19.70 0.81 0.00	21.47 0.80 0.00	23.89 0.87 0.00	15.88 0.59 0.00	14.69 0.53 0.00	18.38 0.66 0.00	17.20 0.65 0.00	21.81 0.93 0.00	23.09 0.99 0.00	14.94 0.70 0.61	15.04 0.83 3.42	9.67 0.54 1.97	10.53 0.54 0.83	17.26 0.94 3.68	20.05 1.02 3.29	20.76 0.95 0.77	27.64 1.16 0.00	41.22 1.66 0.00	40.23 1.44 0.00	40.89 1.40 0.00	29.03 1.00 0.00
N.QUEENS_27_KV_LOAD 356247	24.73 1.00 0.00	17.39 0.75 0.00	23.56 1.10 -0.01	19.80 0.90 -0.01	21.57 0.90 -0.01	23.99 0.97 0.00	15.92 0.61 -0.01	14.72 0.55 -0.01	18.42 0.69 -0.01	17.26 0.70 0.00	21.99 1.12 0.00	23.19 1.09 0.00	15.07 0.81 0.59	15.24 0.93 3.31	9.79 0.60 1.91	10.59 0.58 0.81	17.46 1.03 3.57	20.25 1.12 3.19	20.80 0.98 0.75	27.66 1.18 0.00	41.16 1.60 0.00	40.17 1.37 0.00	40.90 1.41 0.00	29.16 1.13 0.00
N.TROY___115KV_TB1 355778	24.04 0.31 0.00	16.92 0.29 0.00	22.94 0.48 0.00	19.31 0.41 0.00	21.09 0.41 0.00	23.46 0.44 0.00	15.55 0.25 0.00	14.37 0.21 0.00	17.93 0.20 0.00	16.72 0.16 0.00	21.02 0.14 0.00	22.25 0.15 0.00	14.59 0.15 0.40	15.52 0.16 2.27	9.90 0.10 1.31	10.37 0.11 0.55	17.80 0.24 2.45	20.39 0.25 2.19	20.32 0.26 0.51	26.78 0.30 0.00	40.02 0.47 0.00	39.25 0.45 0.00	39.88 0.38 0.00	28.34 0.31 0.00
NARROWS_GT1_1 24228	24.75 1.03 0.00	17.46 0.82 0.00	23.75 1.29 -0.01	19.97 1.07 -0.01	21.74 1.06 -0.01	24.18 1.16 0.00	16.08 0.78 -0.01	14.88 0.71 -0.01	18.62 0.89 -0.01	17.38 0.82 0.00	22.02 1.14 0.00	23.29 1.19 0.00	15.13 0.87 0.59	15.32 1.01 3.31	9.85 0.66 1.91	10.66 0.65 0.81	17.55 1.12 3.57	20.37 1.24 3.19	20.96 1.14 0.75	27.88 1.40 0.00	41.49 1.93 0.00	40.49 1.69 0.00	41.19 1.70 0.00	29.32 1.29 0.00
NARROWS_GT1_2 24229	24.75 1.03 0.00	17.46 0.82 0.00	23.75 1.29 -0.01	19.97 1.07 -0.01	21.74 1.06 -0.01	24.18 1.16 0.00	16.08 0.78 -0.01	14.88 0.71 -0.01	18.62 0.89 -0.01	17.38 0.82 0.00	22.02 1.14 0.00	23.29 1.19 0.00	15.13 0.87 0.59	15.32 1.01 3.31	9.85 0.66 1.91	10.66 0.65 0.81	17.55 1.12 3.57	20.37 1.24 3.19	20.96 1.14 0.75	27.88 1.40 0.00	41.49 1.93 0.00	40.49 1.69 0.00	41.19 1.70 0.00	29.32 1.29 0.00
NARROWS_GT1_3 24230	24.75 1.03 0.00	17.46 0.82 0.00	23.75 1.29 -0.01	19.97 1.07 -0.01	21.74 1.06 -0.01	24.18 1.16 0.00	16.08 0.78 -0.01	14.88 0.71 -0.01	18.62 0.89 -0.01	17.38 0.82 0.00	22.02 1.14 0.00	23.29 1.19 0.00	15.13 0.87 0.59	15.32 1.01 3.31	9.85 0.66 1.91	10.66 0.65 0.81	17.55 1.12 3.57	20.37 1.24 3.19	20.96 1.14 0.75	27.88 1.40 0.00	41.49 1.93 0.00	40.49 1.69 0.00	41.19 1.70 0.00	29.32 1.29 0.00
NARROWS_GT1_4 24231	24.75 1.03 0.00	17.46 0.82 0.00	23.75 1.29 -0.01	19.97 1.07 -0.01	21.74 1.06 -0.01	24.18 1.16 0.00	16.08 0.78 -0.01	14.88 0.71 -0.01	18.62 0.89 -0.01	17.38 0.82 0.00	22.02 1.14 0.00	23.29 1.19 0.00	15.13 0.87 0.59	15.32 1.01 3.31	9.85 0.66 1.91	10.66 0.65 0.81	17.55 1.12 3.57	20.37 1.24 3.19	20.96 1.14 0.75	27.88 1.40 0.00	41.49 1.93 0.00	40.49 1.69 0.00	41.19 1.70 0.00	29.32 1.29 0.00
NARROWS_GT1_5 24232	24.75 1.03 0.00	17.46 0.82 0.00	23.75 1.29 -0.01	19.97 1.07 -0.01	21.74 1.06 -0.01	24.18 1.16 0.00	16.08 0.78 -0.01	14.88 0.71 -0.01	18.62 0.89 -0.01	17.38 0.82 0.00	22.02 1.14 0.00	23.29 1.19 0.00	15.13 0.87 0.59	15.32 1.01 3.31	9.85 0.66 1.91	10.66 0.65 0.81	17.55 1.12 3.57	20.37 1.24 3.19	20.96 1.14 0.75	27.88 1.40 0.00	41.49 1.93 0.00	40.49 1.69 0.00	41.19 1.70 0.00	29.32 1.29 0.00

NARROWS_GT1_6 24233	24.75 1.03 0.00	17.46 0.82 0.00	23.75 1.29 -0.01	19.97 1.07 -0.01	21.74 1.06 -0.01	24.18 1.16 0.00	16.08 0.78 -0.01	14.88 0.71 -0.01	18.62 0.89 -0.01	17.38 0.82 0.00	22.02 1.14 0.00	23.29 1.19 0.00	15.13 0.87 0.59	15.32 1.01 3.31	9.85 0.66 1.91	10.66 0.65 0.81	17.55 1.12 3.57	20.37 1.24 3.19	20.96 1.14 0.75	27.88 1.40 0.00	41.49 1.93 0.00	40.49 1.69 0.00	41.19 1.70 0.00	29.32 1.29 0.00
NARROWS_GT1_7 24234	24.75 1.03 0.00	17.46 0.82 0.00	23.75 1.29 -0.01	19.97 1.07 -0.01	21.74 1.06 -0.01	24.18 1.16 0.00	16.08 0.78 -0.01	14.88 0.71 -0.01	18.62 0.89 -0.01	17.38 0.82 0.00	22.02 1.14 0.00	23.29 1.19 0.00	15.13 0.87 0.59	15.32 1.01 3.31	9.85 0.66 1.91	10.66 0.65 0.81	17.55 1.12 3.57	20.37 1.24 3.19	20.96 1.14 0.75	27.88 1.40 0.00	41.49 1.93 0.00	40.49 1.69 0.00	41.19 1.70 0.00	29.32 1.29 0.00
NARROWS_GT1_8 24235	24.75 1.03 0.00	17.46 0.82 0.00	23.75 1.29 -0.01	19.97 1.07 -0.01	21.74 1.06 -0.01	24.18 1.16 0.00	16.08 0.78 -0.01	14.88 0.71 -0.01	18.62 0.89 -0.01	17.38 0.82 0.00	22.02 1.14 0.00	23.29 1.19 0.00	15.13 0.87 0.59	15.32 1.01 3.31	9.85 0.66 1.91	10.66 0.65 0.81	17.55 1.12 3.57	20.37 1.24 3.19	20.96 1.14 0.75	27.88 1.40 0.00	41.49 1.93 0.00	40.49 1.69 0.00	41.19 1.70 0.00	29.32 1.29 0.00
NARROWS_GT2_1 24236	24.75 1.03 0.00	17.46 0.82 0.00	23.75 1.29 -0.01	19.97 1.07 -0.01	21.74 1.06 -0.01	24.18 1.16 0.00	16.08 0.78 -0.01	14.88 0.71 -0.01	18.62 0.89 -0.01	17.38 0.82 0.00	22.02 1.14 0.00	23.29 1.19 0.00	15.13 0.87 0.59	15.32 1.01 3.31	9.85 0.66 1.91	10.66 0.65 0.81	17.55 1.12 3.57	20.37 1.24 3.19	20.96 1.14 0.75	27.88 1.40 0.00	41.49 1.93 0.00	40.49 1.69 0.00	41.19 1.70 0.00	29.32 1.29 0.00
NARROWS_GT2_2 24237	24.75 1.03 0.00	17.46 0.82 0.00	23.75 1.29 -0.01	19.97 1.07 -0.01	21.74 1.06 -0.01	24.18 1.16 0.00	16.08 0.78 -0.01	14.88 0.71 -0.01	18.62 0.89 -0.01	17.38 0.82 0.00	22.02 1.14 0.00	23.29 1.19 0.00	15.13 0.87 0.59	15.32 1.01 3.31	9.85 0.66 1.91	10.66 0.65 0.81	17.55 1.12 3.57	20.37 1.24 3.19	20.96 1.14 0.75	27.88 1.40 0.00	41.49 1.93 0.00	40.49 1.69 0.00	41.19 1.70 0.00	29.32 1.29 0.00
NARROWS_GT2_3 24238	24.75 1.03 0.00	17.46 0.82 0.00	23.75 1.29 -0.01	19.97 1.07 -0.01	21.74 1.06 -0.01	24.18 1.16 0.00	16.08 0.78 -0.01	14.88 0.71 -0.01	18.62 0.89 -0.01	17.38 0.82 0.00	22.02 1.14 0.00	23.29 1.19 0.00	15.13 0.87 0.59	15.32 1.01 3.31	9.85 0.66 1.91	10.66 0.65 0.81	17.55 1.12 3.57	20.37 1.24 3.19	20.96 1.14 0.75	27.88 1.40 0.00	41.49 1.93 0.00	40.49 1.69 0.00	41.19 1.70 0.00	29.32 1.29 0.00
NARROWS_GT2_4 24239	24.75 1.03 0.00	17.46 0.82 0.00	23.75 1.29 -0.01	19.97 1.07 -0.01	21.74 1.06 -0.01	24.18 1.16 0.00	16.08 0.78 -0.01	14.88 0.71 -0.01	18.62 0.89 -0.01	17.38 0.82 0.00	22.02 1.14 0.00	23.29 1.19 0.00	15.13 0.87 0.59	15.32 1.01 3.31	9.85 0.66 1.91	10.66 0.65 0.81	17.55 1.12 3.57	20.37 1.24 3.19	20.96 1.14 0.75	27.88 1.40 0.00	41.49 1.93 0.00	40.49 1.69 0.00	41.19 1.70 0.00	29.32 1.29 0.00
NARROWS_GT2_5 24240	24.75 1.03 0.00	17.46 0.82 0.00	23.75 1.29 -0.01	19.97 1.07 -0.01	21.74 1.06 -0.01	24.18 1.16 0.00	16.08 0.78 -0.01	14.88 0.71 -0.01	18.62 0.89 -0.01	17.38 0.82 0.00	22.02 1.14 0.00	23.29 1.19 0.00	15.13 0.87 0.59	15.32 1.01 3.31	9.85 0.66 1.91	10.66 0.65 0.81	17.55 1.12 3.57	20.37 1.24 3.19	20.96 1.14 0.75	27.88 1.40 0.00	41.49 1.93 0.00	40.49 1.69 0.00	41.19 1.70 0.00	29.32 1.29 0.00
NARROWS_GT2_6 24241	24.75 1.03 0.00	17.46 0.82 0.00	23.75 1.29 -0.01	19.97 1.07 -0.01	21.74 1.06 -0.01	24.18 1.16 0.00	16.08 0.78 -0.01	14.88 0.71 -0.01	18.62 0.89 -0.01	17.38 0.82 0.00	22.02 1.14 0.00	23.29 1.19 0.00	15.13 0.87 0.59	15.32 1.01 3.31	9.85 0.66 1.91	10.66 0.65 0.81	17.55 1.12 3.57	20.37 1.24 3.19	20.96 1.14 0.75	27.88 1.40 0.00	41.49 1.93 0.00	40.49 1.69 0.00	41.19 1.70 0.00	29.32 1.29 0.00
NARROWS_GT2_7 24242	24.75 1.03 0.00	17.46 0.82 0.00	23.75 1.29 -0.01	19.97 1.07 -0.01	21.74 1.06 -0.01	24.18 1.16 0.00	16.08 0.78 -0.01	14.88 0.71 -0.01	18.62 0.89 -0.01	17.38 0.82 0.00	22.02 1.14 0.00	23.29 1.19 0.00	15.13 0.87 0.59	15.32 1.01 3.31	9.85 0.66 1.91	10.66 0.65 0.81	17.55 1.12 3.57	20.37 1.24 3.19	20.96 1.14 0.75	27.88 1.40 0.00	41.49 1.93 0.00	40.49 1.69 0.00	41.19 1.70 0.00	29.32 1.29 0.00
NARROWS_GT2_8 24243	24.75 1.03 0.00	17.46 0.82 0.00	23.75 1.29 -0.01	19.97 1.07 -0.01	21.74 1.06 -0.01	24.18 1.16 0.00	16.08 0.78 -0.01	14.88 0.71 -0.01	18.62 0.89 -0.01	17.38 0.82 0.00	22.02 1.14 0.00	23.29 1.19 0.00	15.13 0.87 0.59	15.32 1.01 3.31	9.85 0.66 1.91	10.66 0.65 0.81	17.55 1.12 3.57	20.37 1.24 3.19	20.96 1.14 0.75	27.88 1.40 0.00	41.49 1.93 0.00	40.49 1.69 0.00	41.19 1.70 0.00	29.32 1.29 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	24.36 0.63 0.00	17.11 0.48 0.00	23.17 0.72 0.00	19.49 0.60 0.00	21.29 0.62 0.00	23.70 0.68 0.00	15.72 0.42 0.00	14.55 0.38 0.00	18.13 0.41 0.00	16.86 0.30 0.00	21.23 0.35 0.00	22.45 0.35 0.00	14.62 0.24 0.46	15.28 0.24 2.59	9.76 0.16 1.49	10.36 0.17 0.63	17.66 0.44 2.79	20.32 0.50 2.50	20.47 0.48 0.58	27.11 0.63 0.00	40.65 1.09 0.00	39.82 1.02 0.00	40.40 0.91 0.00	28.66 0.64 0.00
NCHELSEA_115KV_TR2 355582	24.78 1.06 0.00	17.41 0.77 0.00	23.54 1.08 0.00	19.78 0.89 0.00	21.56 0.88 0.00	23.99 0.97 0.00	15.94 0.64 0.00	14.75 0.59 0.00	18.45 0.72 0.00	17.24 0.69 0.00	21.86 0.98 0.00	23.14 1.03 0.00	14.98 0.73 0.59	15.17 0.87 3.32	9.75 0.56 1.91	10.57 0.56 0.81	17.42 0.99 3.57	20.22 1.09 3.20	20.86 1.03 0.75	27.75 1.27 0.00	41.40 1.84 0.00	40.42 1.62 0.00	41.07 1.58 0.00	29.16 1.13 0.00
NEG CAPITAL____MECHNVIL 23645	24.43 0.70 0.00	17.17 0.53 0.00	23.26 0.80 0.00	19.57 0.67 0.00	21.38 0.70 0.00	23.79 0.77 0.00	15.75 0.46 0.00	14.57 0.40 0.00	18.19 0.46 0.00	16.94 0.38 0.00	21.29 0.41 0.00	22.55 0.45 0.00	14.78 0.34 0.40	15.75 0.39 2.26	10.04 0.25 1.30	10.54 0.26 0.55	18.13 0.56 2.44	20.76 0.61 2.18	20.68 0.62 0.51	27.27 0.78 0.00	40.77 1.21 0.00	39.93 1.14 0.00	40.55 1.06 0.00	28.77 0.74 0.00
NEG CENTRAL_HIGH_ACRES 23767	21.98 -1.74 0.00	15.37 -1.26 0.00	20.78 -1.68 0.00	17.46 -1.44 0.00	19.08 -1.59 0.00	21.24 -1.78 0.00	14.10 -1.19 0.00	13.08 -1.08 0.00	16.44 -1.29 0.00	15.34 -1.22 0.00	19.27 -1.55 0.06	20.27 -1.63 0.20	10.14 -1.22 3.49	-1.69 -0.74 18.13	-0.09 -0.74 10.45	5.64 -0.75 4.43	-0.87 -1.35 19.53	3.33 -1.51 17.48	15.03 -1.46 4.09	24.57 -1.91 0.00	36.66 -2.74 0.16	35.57 -2.62 0.60	36.96 -2.42 0.12	26.13 -1.85 0.05

NEG CENTRAL___DRP 24199	25.74 -1.01 -3.02	16.82 -0.73 -0.91	24.10 -0.94 -2.59	18.70 -0.83 -0.64	20.03 -0.92 -0.27	24.41 -1.02 -2.40	15.32 -0.70 -0.72	16.23 -0.61 -2.69	19.71 -0.74 -2.73	16.45 -0.72 -0.61	20.71 -0.94 -0.76	21.55 -1.04 -0.49	8.96 -0.79 5.10	-9.81 -0.81 26.62	-4.54 -0.49 15.15	5.03 -0.47 5.32	-9.58 -0.90 28.69	-4.36 -1.00 25.68	15.45 -0.85 4.28	26.70 -1.12 -1.34	38.48 -1.62 -0.54	37.83 -1.54 -0.57	38.10 -1.39 0.00	26.97 -1.06 0.00
NEG CENTRAL___INDECK 23768	54.92 -1.13 -32.32	25.53 -0.88 -9.78	49.28 -1.19 -28.01	24.74 -1.06 -6.91	22.45 -1.15 -2.93	47.78 -1.26 -26.02	22.22 -0.85 -7.77	42.39 -0.73 -28.96	46.14 -0.90 -29.31	22.22 -0.91 -6.57	28.77 -1.20 -9.09	28.63 -1.40 -7.93	10.71 -1.04 3.09	1.64 -1.05 14.93	4.04 -0.65 6.41	19.41 -0.67 -9.26	2.67 -1.23 16.10	6.56 -1.17 14.59	34.60 -0.99 -15.00	39.67 -1.22 -14.42	44.50 -1.63 -6.57	49.16 -1.46 -11.83	38.43 -1.06 0.00	27.08 -0.95 0.00
NEG CENTRAL___SENECA 23627	27.46 -1.07 -4.80	17.30 -0.79 -1.45	25.56 -1.02 -4.12	19.01 -0.90 -1.02	20.11 -0.99 -0.43	25.75 -1.10 -3.83	15.69 -0.76 -1.15	17.79 -0.65 -4.27	21.28 -0.78 -4.34	16.77 -0.76 -0.98	21.05 -1.01 -1.19	21.66 -1.14 -0.69	9.48 -0.86 4.50	-4.60 -0.85 21.37	-1.43 -0.53 11.99	6.99 -0.50 3.33	-3.97 -0.94 23.03	0.66 -1.04 20.62	17.61 -0.89 2.08	27.43 -1.18 -2.13	38.64 -1.75 -0.84	37.89 -1.62 -0.71	38.10 -1.40 0.00	26.97 -1.06 0.00
NEG CENTRAL___STATE_STREET 24147	23.01 -0.71 0.00	16.13 -0.50 0.00	21.81 -0.65 0.00	18.32 -0.58 0.00	20.03 -0.64 0.00	22.31 -0.71 0.00	14.81 -0.49 0.00	13.70 -0.46 0.00	17.20 -0.53 0.00	16.04 -0.52 0.00	20.27 -0.66 -0.05	21.53 -0.74 -0.17	9.06 -0.61 5.17	-13.39 -0.65 30.36	-6.77 -0.36 17.50	3.05 -0.35 7.43	-13.42 -0.71 32.72	-7.75 -0.80 29.27	13.11 -0.61 6.85	25.63 -0.85 0.00	38.51 -1.10 -0.05	38.10 -1.07 -0.37	38.40 -1.10 0.00	27.20 -0.83 0.00
NEG MILLWOOD___DRP 24198	24.82 1.10 0.00	17.43 0.79 0.00	23.57 1.12 0.00	19.81 0.91 0.00	21.59 0.92 0.00	24.03 1.00 0.00	15.96 0.66 0.00	14.77 0.61 0.00	18.49 0.77 0.00	17.29 0.73 0.00	21.91 1.03 0.00	23.20 1.10 0.00	15.04 0.78 0.58	15.26 0.92 3.28	9.80 0.59 1.89	10.62 0.59 0.80	17.51 1.04 3.53	20.30 1.14 3.16	20.91 1.08 0.74	27.80 1.32 0.00	41.47 1.91 0.00	40.48 1.69 0.00	41.12 1.63 0.00	29.20 1.17 0.00
NEG NORTH_FLCN_SEA 23793	24.35 0.63 0.00	17.00 0.36 0.00	22.78 0.33 0.00	19.16 0.26 0.00	21.00 0.33 0.00	23.40 0.37 0.00	15.62 0.32 0.00	14.48 0.32 0.00	18.17 0.45 0.00	17.04 0.49 0.00	21.45 0.57 0.00	22.70 0.60 0.00	14.84 0.42 0.43	15.60 0.42 2.44	9.94 0.25 1.41	10.47 0.24 0.60	17.92 0.55 2.63	20.61 0.64 2.35	20.54 0.52 0.55	27.03 0.55 0.00	40.28 0.72 0.00	39.72 0.92 0.00	40.50 1.01 0.00	28.70 0.67 0.00
NEG NORTH_KES_CHATEGAY 23792	24.08 0.35 0.00	16.80 0.16 0.00	22.51 0.05 0.00	18.94 0.05 0.00	20.77 0.10 0.00	23.16 0.14 0.00	15.49 0.19 0.00	14.35 0.19 0.00	18.02 0.30 0.00	16.90 0.34 0.00	21.26 0.38 0.00	22.48 0.38 0.00	14.60 0.24 0.49	15.05 0.18 2.75	9.62 0.10 1.58	10.27 0.12 0.67	17.34 0.30 2.96	20.06 0.39 2.65	20.23 0.27 0.62	26.80 0.32 0.00	39.93 0.37 0.00	39.41 0.61 0.00	40.17 0.68 0.00	28.45 0.42 0.00
NEG NORTH___ALICE_FALLS 23915	24.34 0.62 0.00	16.99 0.35 0.00	22.77 0.31 0.00	19.15 0.25 0.00	20.99 0.32 0.00	23.39 0.37 0.00	15.62 0.32 0.00	14.49 0.33 0.00	18.19 0.46 0.00	17.06 0.51 0.00	21.47 0.59 0.00	22.72 0.62 0.00	14.83 0.43 0.44	15.55 0.42 2.49	9.91 0.24 1.43	10.45 0.23 0.61	17.87 0.54 2.68	20.56 0.64 2.40	20.54 0.52 0.56	27.06 0.58 0.00	40.33 0.77 0.00	39.78 0.98 0.00	40.54 1.05 0.00	28.71 0.68 0.00
NEG NORTH___LWR_SARANAC 23913	24.34 0.62 0.00	16.99 0.35 0.00	22.77 0.31 0.00	19.15 0.25 0.00	20.99 0.32 0.00	23.39 0.37 0.00	15.62 0.32 0.00	14.49 0.33 0.00	18.19 0.46 0.00	17.06 0.51 0.00	21.47 0.59 0.00	22.72 0.62 0.00	14.83 0.43 0.44	15.55 0.42 2.49	9.91 0.24 1.43	10.45 0.23 0.61	17.87 0.54 2.68	20.56 0.64 2.40	20.54 0.52 0.56	27.06 0.58 0.00	40.33 0.77 0.00	39.78 0.98 0.00	40.54 1.05 0.00	28.71 0.68 0.00
NEG NORTH___PLATTSBURG 23628	24.34 0.62 0.00	16.99 0.35 0.00	22.77 0.31 0.00	19.14 0.25 0.00	20.99 0.32 0.00	23.39 0.37 0.00	15.62 0.32 0.00	14.49 0.33 0.00	18.19 0.46 0.00	17.06 0.51 0.00	21.47 0.59 0.00	22.72 0.62 0.00	14.83 0.43 0.44	15.55 0.41 2.49	9.91 0.24 1.43	10.45 0.23 0.61	17.87 0.55 2.68	20.56 0.64 2.40	20.54 0.52 0.56	27.06 0.58 0.00	40.33 0.77 0.00	39.78 0.98 0.00	40.54 1.05 0.00	28.71 0.68 0.00
NEG WEST_LEA_LOCKPORT 23791	13.31 -2.27 8.14	12.45 -1.72 2.47	13.15 -2.23 7.08	15.15 -2.00 1.74	17.71 -2.21 0.74	14.03 -2.42 6.57	11.67 -1.66 1.96	5.39 -1.47 7.31	8.57 -1.76 7.39	13.18 -1.72 1.66	16.23 -2.17 2.48	17.33 -2.20 2.58	9.54 -1.68 3.63	-0.46 -1.39 16.69	0.06 -0.86 10.18	2.55 -0.93 7.34	0.36 -1.66 17.98	4.36 -1.92 16.04	10.20 -1.98 8.39	20.06 -2.79 3.64	33.69 -4.05 1.83	30.79 -3.76 4.26	36.39 -3.10 0.00	25.66 -2.37 0.00
NEG WEST___LANCASTR 23811	14.69 -1.69 7.34	13.16 -1.26 2.22	14.50 -1.58 6.37	15.91 -1.41 1.57	18.44 -1.57 0.67	15.36 -1.74 5.92	12.32 -1.21 1.77	6.51 -1.06 6.59	9.80 -1.26 6.66	13.83 -1.23 1.49	17.04 -1.55 2.28	18.05 -1.59 2.46	9.85 -1.18 3.82	-0.32 -0.89 17.05	0.21 -0.56 10.33	3.10 -0.62 7.11	0.48 -1.15 18.37	4.57 -1.35 16.39	11.14 -1.41 8.02	21.26 -1.94 3.28	35.14 -2.72 1.69	32.19 -2.46 4.15	37.52 -1.97 0.00	26.47 -1.56 0.00
NEG_PENN_ALLEGHNY 23528	23.15 -0.57 0.00	16.23 -0.40 0.00	22.02 -0.44 0.00	18.48 -0.41 0.00	20.18 -0.49 0.00	22.48 -0.54 0.00	14.89 -0.41 0.00	13.82 -0.34 0.00	17.31 -0.42 0.00	16.12 -0.43 0.00	20.24 -0.57 0.07	21.27 -0.62 0.20	10.79 -0.46 3.60	-1.50 -0.42 18.70	0.06 -0.26 10.78	6.00 -0.25 4.58	-0.67 -0.52 20.15	3.68 -0.61 18.03	15.85 -0.51 4.22	25.86 -0.62 0.00	38.52 -0.98 0.06	37.35 -1.00 0.45	38.60 -0.89 0.00	27.42 -0.61 0.00
NEG___GEN_MONROE 24207	22.32 -1.40 0.00	15.59 -1.05 0.00	21.06 -1.39 0.00	17.68 -1.21 0.00	19.33 -1.34 0.00	21.51 -1.51 0.00	14.28 -1.01 0.00	13.25 -0.91 0.00	16.65 -1.08 0.00	15.53 -1.02 0.00	19.46 -1.33 0.09	20.44 -1.39 0.27	10.52 -1.08 3.25	0.48 -0.93 16.21	1.18 -0.57 9.35	6.25 -0.61 3.97	1.51 -1.03 17.47	5.52 -1.17 15.63	15.73 -1.19 3.66	24.90 -1.59 0.00	37.25 -2.23 0.08	36.12 -2.07 0.60	37.76 -1.73 0.00	26.63 -1.40 0.00
NEPA___ENERGY 23901	14.96 -1.82 6.95	13.22 -1.31 2.10	14.81 -1.62 6.03	15.94 -1.47 1.49	18.40 -1.64 0.63	15.63 -1.79 5.60	12.34 -1.29 1.67	6.82 -1.11 6.23	10.10 -1.32 6.30	13.85 -1.29 1.41	17.03 -1.68 2.17	18.00 -1.75 2.35	9.75 -1.30 3.79	-0.43 -1.06 16.99	0.16 -0.67 10.27	3.18 -0.70 6.94	0.31 -1.38 18.31	4.33 -1.65 16.34	11.23 -1.56 7.78	21.39 -1.98 3.10	34.98 -2.97 1.61	32.09 -2.75 3.97	37.17 -2.32 0.00	26.34 -1.69 0.00

NEVERSINK___HYD 23608	24.40 0.68 0.00	17.13 0.49 0.00	23.15 0.69 0.00	19.45 0.55 0.00	21.20 0.53 0.00	23.60 0.57 0.00	15.69 0.39 0.00	14.53 0.36 0.00	18.15 0.43 0.00	16.95 0.39 0.00	21.45 0.57 0.00	22.69 0.59 0.00	14.62 0.41 0.64	14.51 0.49 3.61	9.36 0.34 2.08	10.29 0.35 0.88	16.70 0.58 3.89	19.48 0.64 3.48	20.40 0.64 0.81	27.30 0.82 0.00	40.78 1.23 0.00	39.83 1.04 0.00	40.48 0.99 0.00	28.72 0.69 0.00
NEWKRMKL_115KV_TB1 55635	23.79 0.06 0.00	16.74 0.11 0.00	22.68 0.22 0.00	19.08 0.19 0.00	20.84 0.17 0.00	23.18 0.16 0.00	15.37 0.07 0.00	14.22 0.06 0.00	17.75 0.03 0.00	16.52 -0.04 0.00	20.85 -0.02 0.00	22.09 -0.01 0.00	14.47 0.04 0.41	15.30 0.02 2.33	9.78 0.03 1.35	10.29 0.04 0.57	17.56 0.08 2.52	20.12 0.05 2.25	20.05 0.00 0.53	26.45 -0.03 0.00	39.52 -0.04 0.00	38.72 -0.08 0.00	39.34 -0.15 0.00	28.00 -0.03 0.00
NEWTON___FALLS_HYD 23847	23.43 -0.30 0.00	16.35 -0.29 0.00	21.97 -0.48 0.00	18.49 -0.41 0.00	20.24 -0.43 0.00	22.59 -0.43 0.00	15.13 -0.16 0.00	14.00 -0.16 0.00	17.51 -0.21 0.00	16.39 -0.16 0.00	20.61 -0.26 0.00	21.76 -0.34 0.00	12.61 -0.31 1.93	6.26 -0.52 10.84	4.49 -0.35 6.25	7.81 -0.36 2.65	7.80 -0.52 11.68	11.49 -0.38 10.45	17.79 -0.34 2.45	26.23 -0.25 0.00	39.18 -0.38 0.00	38.60 -0.20 0.00	39.10 -0.39 0.00	27.62 -0.41 0.00
NGRID_A1_DSASP 323792	13.72 -2.50 7.50	12.47 -1.89 2.27	13.48 -2.46 6.52	15.11 -2.18 1.61	17.56 -2.42 0.68	14.31 -2.66 6.06	11.66 -1.83 1.81	5.80 -1.63 6.73	8.96 -1.95 6.81	13.14 -1.89 1.53	16.21 -2.37 2.30	17.26 -2.43 2.41	9.42 -1.84 3.59	-0.38 -1.53 16.47	0.15 -0.94 10.01	2.77 -1.03 7.03	0.41 -1.85 17.75	4.34 -2.14 15.84	10.33 -2.27 7.98	20.01 -3.12 3.35	33.06 -4.50 2.00	30.07 -4.23 4.50	35.58 -3.55 0.36	25.18 -2.69 0.16
NGRID_A2_DSASP 323793	13.72 -2.50 7.50	12.47 -1.89 2.27	13.48 -2.46 6.52	15.11 -2.18 1.61	17.56 -2.42 0.68	14.31 -2.66 6.06	11.66 -1.83 1.81	5.80 -1.63 6.73	8.96 -1.95 6.81	13.14 -1.89 1.53	16.21 -2.37 2.30	17.26 -2.43 2.41	9.42 -1.84 3.59	-0.38 -1.53 16.47	0.15 -0.94 10.01	2.77 -1.03 7.03	0.41 -1.85 17.75	4.34 -2.14 15.84	10.33 -2.27 7.98	20.01 -3.12 3.35	33.06 -4.50 2.00	30.07 -4.23 4.50	35.58 -3.55 0.36	25.18 -2.69 0.16
NGRID_A4_DSASP 323807	13.72 -2.50 7.50	12.47 -1.89 2.27	13.48 -2.46 6.52	15.11 -2.18 1.61	17.56 -2.42 0.68	14.31 -2.66 6.06	11.66 -1.83 1.81	5.80 -1.63 6.73	8.96 -1.95 6.81	13.14 -1.89 1.53	16.21 -2.37 2.30	17.26 -2.43 2.41	9.42 -1.84 3.59	-0.38 -1.53 16.47	0.15 -0.94 10.01	2.77 -1.03 7.03	0.41 -1.85 17.75	4.34 -2.14 15.84	10.33 -2.27 7.98	20.01 -3.12 3.35	33.06 -4.50 2.00	30.07 -4.23 4.50	35.58 -3.55 0.36	25.18 -2.69 0.16
NIAGARA_115E_LBMP 323715	13.68 -2.44 7.61	12.43 -1.90 2.30	13.44 -2.40 6.61	15.06 -2.20 1.63	17.50 -2.48 0.69	14.29 -2.59 6.14	11.65 -1.81 1.83	5.75 -1.59 6.83	8.92 -1.90 6.90	13.11 -1.90 1.55	16.18 -2.37 2.33	17.28 -2.38 2.44	9.40 -1.84 3.62	-0.48 -1.51 16.59	0.08 -0.94 10.09	2.71 -1.01 7.10	0.31 -1.82 17.88	4.27 -2.09 15.96	10.39 -2.12 8.06	19.95 -3.13 3.40	32.94 -4.61 2.01	29.94 -4.32 4.54	35.52 -3.62 0.35	25.15 -2.73 0.15
NIAGARA_115W_LBMP 323714	13.73 -2.55 7.45	12.45 -1.93 2.26	13.48 -2.50 6.47	15.08 -2.22 1.60	17.51 -2.48 0.68	14.30 -2.71 6.01	11.65 -1.86 1.79	5.82 -1.66 6.69	8.98 -1.99 6.76	13.11 -1.93 1.52	16.18 -2.42 2.28	17.22 -2.49 2.39	9.39 -1.88 3.58	-0.40 -1.57 16.45	0.14 -0.97 9.99	2.77 -1.05 7.01	0.39 -1.90 17.72	4.32 -2.18 15.82	10.31 -2.32 7.94	19.94 -3.21 3.33	32.95 -4.62 1.99	29.97 -4.35 4.48	35.46 -3.67 0.36	25.10 -2.78 0.16
NIAGARA_230_LBMP 323716	14.14 -2.45 7.14	12.66 -1.81 2.16	13.86 -2.40 6.20	15.29 -2.08 1.53	17.73 -2.30 0.65	14.68 -2.58 5.76	11.82 -1.75 1.72	6.17 -1.59 6.41	9.34 -1.90 6.48	13.30 -1.81 1.45	16.42 -2.26 2.19	17.46 -2.34 2.30	9.55 -1.75 3.54	-0.21 -1.51 16.32	0.28 -0.93 9.90	2.97 -1.00 6.85	0.60 -1.82 17.58	4.52 -2.10 15.70	10.69 -2.15 7.74	20.37 -2.92 3.19	33.43 -4.21 1.91	30.52 -3.95 4.32	35.80 -3.33 0.36	25.34 -2.53 0.16
NIAGARA___115KV_198_GIBSON 55903	13.70 -2.57 7.45	12.45 -1.94 2.26	13.46 -2.52 6.47	15.07 -2.23 1.60	17.51 -2.48 0.68	14.28 -2.74 6.01	11.63 -1.87 1.79	5.81 -1.67 6.69	8.95 -2.01 6.76	13.09 -1.95 1.52	16.15 -2.44 2.28	17.20 -2.51 2.39	9.38 -1.88 3.58	-0.40 -1.57 16.45	0.14 -0.97 9.99	2.77 -1.05 7.01	0.40 -1.88 17.72	4.33 -2.19 15.81	10.28 -2.36 7.94	19.94 -3.21 3.33	33.22 -4.66 1.68	30.46 -4.36 3.97	35.81 -3.69 0.00	25.25 -2.78 0.00
NIAGARA____ 23760	14.05 -2.45 7.23	12.64 -1.81 2.19	13.78 -2.40 6.28	15.27 -2.08 1.55	17.72 -2.30 0.66	14.61 -2.58 5.83	11.80 -1.75 1.74	6.09 -1.59 6.48	9.27 -1.90 6.55	13.28 -1.81 1.47	16.40 -2.26 2.22	17.44 -2.34 2.32	9.54 -1.75 3.55	-0.26 -1.51 16.37	0.24 -0.93 9.93	2.93 -1.00 6.90	0.55 -1.82 17.63	4.48 -2.10 15.74	10.63 -2.15 7.80	20.32 -2.92 3.24	33.40 -4.21 1.95	30.45 -3.95 4.39	35.80 -3.33 0.36	25.34 -2.53 0.16
NINE_MILE_1 23575	22.48 -1.24 0.00	15.76 -0.88 0.00	21.31 -1.15 0.00	17.91 -0.99 0.00	19.58 -1.09 0.00	21.80 -1.22 0.00	14.47 -0.83 0.00	13.41 -0.76 0.00	16.79 -0.94 0.00	15.68 -0.88 0.00	19.76 -1.12 0.00	20.91 -1.19 0.00	4.72 -0.84 9.28	-35.52 -0.93 52.21	-19.58 -0.58 30.10	-2.52 -0.57 12.77	-37.31 -1.05 56.26	-29.19 -1.18 50.33	7.72 -1.08 11.78	25.08 -1.40 0.00	37.52 -2.04 0.00	36.81 -1.99 0.00	37.55 -1.95 0.00	26.61 -1.42 0.00
NINE_MILE_2 23744	22.48 -1.24 0.00	15.76 -0.88 0.00	21.31 -1.15 0.00	17.91 -0.99 0.00	19.58 -1.09 0.00	21.80 -1.22 0.00	14.47 -0.83 0.00	13.41 -0.76 0.00	16.79 -0.94 0.00	15.68 -0.88 0.00	19.76 -1.12 0.00	20.91 -1.19 0.00	4.70 -0.84 9.31	-35.68 -0.93 52.38	-19.68 -0.58 30.20	-2.56 -0.57 12.82	-37.49 -1.05 56.44	-29.35 -1.18 50.49	7.68 -1.08 11.81	25.08 -1.40 0.00	37.52 -2.04 0.00	36.81 -1.98 0.00	37.55 -1.94 0.00	26.61 -1.41 0.00
NM_CAPITAL___DRP 24208	23.81 0.09 0.00	16.77 0.13 0.00	22.72 0.27 0.00	19.12 0.23 0.00	20.87 0.20 0.00	23.22 0.20 0.00	15.39 0.10 0.00	14.24 0.08 0.00	17.78 0.05 0.00	16.54 -0.01 0.00	20.87 -0.01 0.00	22.10 0.00 0.00	14.48 0.05 0.42	15.33 0.04 2.34	9.79 0.04 1.35	10.30 0.05 0.57	17.58 0.09 2.52	20.13 0.07 2.25	20.08 0.03 0.53	26.47 -0.01 0.00	39.56 0.00 0.00	38.77 -0.02 0.00	39.39 -0.10 0.00	28.03 0.00 0.00
NM_CENTRAL___DRP 24181	22.96 -0.76 0.00	16.10 -0.54 0.00	21.77 -0.68 0.00	18.29 -0.60 0.00	19.99 -0.68 0.00	22.26 -0.77 0.00	14.76 -0.53 0.00	13.69 -0.47 0.00	17.15 -0.58 0.00	16.01 -0.55 0.00	20.18 -0.70 0.00	21.34 -0.76 0.00	8.54 -0.56 5.75	-15.33 -0.59 32.37	-7.92 -0.36 18.66	2.55 -0.35 7.92	-15.54 -0.67 34.88	-9.64 -0.76 31.20	12.57 -0.70 7.30	25.59 -0.89 0.00	38.27 -1.29 0.00	37.56 -1.24 0.00	38.36 -1.13 0.00	27.19 -0.84 0.00

NM_FRONTIER___DRP 24179	13.70 -2.57 7.45	12.45 -1.94 2.26	13.46 -2.52 6.47	15.07 -2.23 1.60	17.51 -2.48 0.68	14.28 -2.74 6.01	11.63 -1.87 1.79	5.81 -1.67 6.69	8.95 -2.01 6.76	13.09 -1.95 1.52	16.15 -2.44 2.28	17.20 -2.51 2.39	9.38 -1.88 3.58	-0.40 -1.57 16.45	0.14 -0.97 9.99	2.77 -1.05 7.01	0.40 -1.88 17.72	4.33 -2.19 15.81	10.28 -2.36 7.94	19.94 -3.21 3.33	33.22 -4.66 1.68	30.46 -4.36 3.97	35.81 -3.69 0.00	25.25 -2.78 0.00
NM_ST_REGIS___HYD 24053	23.77 0.04 0.00	16.51 -0.13 0.00	22.12 -0.34 0.00	18.62 -0.27 0.00	20.43 -0.25 0.00	22.81 -0.21 0.00	15.34 0.05 0.00	14.21 0.05 0.00	17.82 0.10 0.00	16.71 0.15 0.00	21.03 0.15 0.00	22.23 0.13 0.00	13.91 0.06 0.99	11.97 -0.08 5.57	7.81 -0.08 3.21	9.39 -0.07 1.36	13.99 -0.01 6.00	17.07 0.12 5.37	19.37 0.05 1.26	26.62 0.14 0.00	39.63 0.08 0.00	39.19 0.39 0.00	39.84 0.35 0.00	28.17 0.14 0.00
NORTHPORT___1 23551	9.56 1.32 15.49	13.88 0.82 3.57	23.64 1.19 0.00	18.69 0.97 1.17	21.59 0.92 0.00	24.03 1.01 0.00	15.92 0.62 0.00	14.70 0.54 0.00	18.33 0.60 0.00	17.17 0.61 0.00	17.50 1.16 4.54	19.72 1.19 3.57	11.53 0.88 4.19	15.16 0.93 3.39	9.71 0.52 1.91	10.34 0.60 1.09	17.06 0.94 3.89	20.13 1.01 3.20	20.70 0.87 0.75	27.53 1.05 0.00	41.18 1.62 0.00	40.15 1.35 0.00	40.86 1.37 0.00	29.07 1.04 0.00
NORTHPORT___2 23552	9.56 1.32 15.49	13.88 0.82 3.57	23.64 1.19 0.00	18.69 0.97 1.17	21.59 0.92 0.00	24.03 1.01 0.00	15.92 0.62 0.00	14.70 0.54 0.00	18.33 0.60 0.00	17.17 0.61 0.00	17.50 1.16 4.54	19.72 1.19 3.57	11.53 0.88 4.19	15.16 0.93 3.39	9.71 0.52 1.91	10.34 0.60 1.09	17.06 0.94 3.89	20.13 1.01 3.20	20.70 0.87 0.75	27.53 1.05 0.00	41.18 1.62 0.00	40.15 1.35 0.00	40.86 1.37 0.00	29.07 1.04 0.00
NORTHPORT___3 23553	10.33 1.38 14.77	14.08 0.85 3.41	23.68 1.23 0.00	18.79 1.01 1.12	21.63 0.96 0.00	24.08 1.06 0.00	15.94 0.65 0.00	14.71 0.55 0.00	18.34 0.62 0.00	17.21 0.65 0.00	17.77 1.22 4.33	19.94 1.25 3.40	11.74 0.92 4.03	15.23 0.99 3.38	9.75 0.56 1.91	10.39 0.64 1.08	17.11 0.98 3.87	20.14 1.02 3.20	20.70 0.87 0.75	27.54 1.06 0.00	41.18 1.62 0.00	40.14 1.35 0.00	40.86 1.37 0.00	29.11 1.08 0.00
NORTHPORT___4 23650	10.33 1.38 14.77	14.08 0.85 3.41	23.68 1.23 0.00	18.79 1.01 1.12	21.63 0.96 0.00	24.08 1.06 0.00	15.94 0.65 0.00	14.71 0.55 0.00	18.34 0.62 0.00	17.21 0.65 0.00	17.77 1.22 4.33	19.94 1.25 3.40	11.74 0.92 4.03	15.23 0.99 3.38	9.75 0.56 1.91	10.39 0.64 1.08	17.11 0.98 3.87	20.14 1.02 3.20	20.70 0.87 0.75	27.54 1.06 0.00	41.18 1.62 0.00	40.14 1.35 0.00	40.86 1.37 0.00	29.11 1.08 0.00
NORTHPORT___IC 23718	9.56 1.32 15.49	13.88 0.82 3.57	23.64 1.19 0.00	18.70 0.97 1.17	21.59 0.92 0.00	24.04 1.02 0.00	15.92 0.62 0.00	14.70 0.53 0.00	18.33 0.60 0.00	17.17 0.62 0.00	17.50 1.16 4.54	19.72 1.19 3.57	11.53 0.87 4.19	15.16 0.93 3.39	9.71 0.52 1.91	10.34 0.61 1.09	17.08 0.95 3.89	20.12 1.00 3.20	20.70 0.87 0.75	27.53 1.06 0.00	41.19 1.63 0.00	40.15 1.35 0.00	40.87 1.37 0.00	29.07 1.04 0.00
NORTH___COUNTRY_ESR 323785	24.01 0.29 0.00	16.76 0.12 0.00	22.46 0.00 0.00	18.90 0.01 0.00	20.73 0.06 0.00	23.11 0.09 0.00	15.45 0.16 0.00	14.33 0.16 0.00	17.99 0.26 0.00	16.87 0.31 0.00	21.23 0.35 0.00	22.47 0.37 0.00	14.59 0.24 0.49	15.04 0.18 2.76	9.61 0.10 1.59	10.25 0.10 0.67	17.32 0.29 2.97	20.01 0.35 2.66	20.20 0.24 0.62	26.73 0.25 0.00	39.82 0.26 0.00	39.30 0.50 0.00	40.06 0.57 0.00	28.37 0.34 0.00
NPX_GEN_1385_PROXY 323591	9.57 1.33 15.49	13.85 0.79 3.57	23.65 1.20 0.00	18.70 0.98 1.17	21.60 0.93 0.00	24.06 1.04 0.00	15.92 0.62 0.00	14.70 0.54 0.00	18.31 0.58 0.00	17.12 0.57 0.00	17.50 1.16 4.54	19.72 1.19 3.57	11.51 0.85 4.19	15.17 0.93 3.39	6.24 0.53 5.39	-0.65 0.57 12.03	8.98 0.87 11.89	20.05 0.93 3.20	20.64 0.81 0.75	27.46 0.98 0.00	41.15 1.60 0.00	40.07 1.27 0.00	40.73 1.24 0.00	29.07 1.04 0.00
NPX_GEN_CSC 323557	11.80 1.63 13.56	14.54 1.03 3.13	23.95 1.49 0.00	19.07 1.20 1.02	21.81 1.14 0.00	24.28 1.26 0.00	16.08 0.79 0.00	14.83 0.67 0.00	18.49 0.77 0.00	17.30 0.75 0.00	18.18 1.28 3.97	20.24 1.27 3.12	12.06 0.96 3.74	15.25 1.01 3.38	9.73 0.54 1.91	10.42 0.65 1.05	17.23 1.07 3.85	20.39 1.27 3.20	20.99 1.16 0.75	27.89 1.42 0.00	41.74 2.18 0.00	40.72 1.92 0.00	41.48 1.99 0.00	29.41 1.38 0.00
NSINS_S_GLNS_FALLS 23858	24.67 0.94 0.00	17.30 0.67 0.00	23.44 0.99 0.00	19.71 0.81 0.00	21.53 0.86 0.00	23.98 0.96 0.00	15.84 0.54 0.00	14.64 0.48 0.00	18.27 0.55 0.00	17.04 0.49 0.00	21.35 0.47 0.00	22.60 0.50 0.00	14.80 0.36 0.40	15.77 0.41 2.26	10.06 0.26 1.31	10.55 0.28 0.55	18.20 0.63 2.44	20.84 0.70 2.18	20.84 0.77 0.51	27.47 0.99 0.00	41.08 1.52 0.00	40.23 1.43 0.00	40.80 1.31 0.00	28.93 0.90 0.00
NUCOR_STEEL___DRP 24197	23.01 -0.71 0.00	16.14 -0.50 0.00	21.81 -0.65 0.00	18.32 -0.58 0.00	20.03 -0.64 0.00	22.32 -0.71 0.00	14.81 -0.49 0.00	13.69 -0.47 0.00	17.19 -0.53 0.00	16.04 -0.52 0.00	20.28 -0.66 -0.06	21.55 -0.74 -0.19	8.91 -0.61 5.33	-14.45 -0.65 31.42	-7.38 -0.36 18.12	2.79 -0.34 7.69	-14.57 -0.71 33.86	-8.77 -0.80 30.29	12.87 -0.62 7.09	25.62 -0.86 0.00	38.52 -1.10 -0.06	38.15 -1.07 -0.42	38.37 -1.13 0.00	27.18 -0.85 0.00
NUMBER_THREE_WT_PWR 323818	23.64 -0.08 0.00	16.60 -0.04 0.00	22.40 -0.05 0.00	18.82 -0.07 0.00	20.58 -0.10 0.00	22.95 -0.07 0.00	15.30 0.00 0.00	14.14 -0.02 0.00	17.68 -0.05 0.00	16.51 -0.05 0.00	20.76 -0.12 0.00	21.88 -0.21 0.00	12.13 -0.26 2.46	3.29 -0.50 13.84	2.75 -0.37 7.98	7.05 -0.39 3.39	4.49 -0.60 14.91	8.61 -0.37 13.34	17.22 -0.23 3.12	26.43 -0.05 0.00	39.62 0.06 0.00	38.86 0.06 0.00	39.22 -0.27 0.00	27.68 -0.35 0.00
NYISO_LBMP_REFERENCE 24008	23.72 0.00 0.00	16.64 0.00 0.00	22.46 0.00 0.00	18.89 0.00 0.00	20.67 0.00 0.00	23.02 0.00 0.00	15.30 0.00 0.00	14.16 0.00 0.00	17.73 0.00 0.00	16.56 0.00 0.00	20.88 0.00 0.00	22.10 0.00 0.00	14.85 0.00 0.00	17.62 0.00 0.00	11.10 0.00 0.00	10.82 0.00 0.00	20.00 0.00 0.00	22.32 0.00 0.00	20.57 0.00 0.00	26.48 0.00 0.00	39.56 0.00 0.00	38.80 0.00 0.00	39.49 0.00 0.00	28.03 0.00 0.00
NYPA_BRENTWD____GT 24164	14.62 1.58 10.68	15.17 0.99 2.46	23.87 1.42 0.00	19.24 1.16 0.81	21.79 1.12 0.00	24.25 1.23 0.00	16.07 0.77 0.00	14.83 0.67 0.00	18.50 0.78 0.00	17.33 0.77 0.00	19.08 1.34 3.13	21.00 1.36 2.46	12.78 1.01 3.07	15.35 1.09 3.37	9.80 0.61 1.91	10.52 0.70 1.00	17.37 1.15 3.79	20.38 1.26 3.20	20.97 1.14 0.75	27.88 1.40 0.00	41.72 2.16 0.00	40.68 1.89 0.00	41.39 1.90 0.00	29.40 1.37 0.00

NYPA_GOWANUS____GT5 24156	24.75 1.03 0.00	17.46 0.82 0.00	23.75 1.29 -0.01	19.97 1.07 -0.01	21.74 1.06 -0.01	24.18 1.16 0.00	16.08 0.78 -0.01	14.88 0.71 -0.01	18.62 0.89 -0.01	17.38 0.82 0.00	22.02 1.14 0.00	23.29 1.19 0.00	15.13 0.87 0.59	15.32 1.01 3.31	9.85 0.66 1.91	10.66 0.65 0.81	17.55 1.12 3.57	20.37 1.24 3.19	20.96 1.14 0.75	27.88 1.40 0.00	41.49 1.93 0.00	40.49 1.69 0.00	41.19 1.70 0.00	29.32 1.29 0.00
NYPA_GOWANUS____GT6 24157	24.75 1.03 0.00	17.46 0.82 0.00	23.75 1.29 -0.01	19.97 1.07 -0.01	21.74 1.06 -0.01	24.18 1.16 0.00	16.08 0.78 -0.01	14.88 0.71 -0.01	18.62 0.89 -0.01	17.38 0.82 0.00	22.02 1.14 0.00	23.29 1.19 0.00	15.13 0.87 0.59	15.32 1.01 3.31	9.85 0.66 1.91	10.66 0.65 0.81	17.55 1.12 3.57	20.37 1.24 3.19	20.96 1.14 0.75	27.88 1.40 0.00	41.49 1.93 0.00	40.49 1.69 0.00	41.19 1.70 0.00	29.32 1.29 0.00
NYPA_HARLEM__RVR__GT1 24160	24.71 0.99 0.00	17.38 0.74 0.00	23.54 1.08 -0.01	19.78 0.88 -0.01	21.56 0.88 -0.01	23.97 0.95 0.00	15.91 0.61 -0.01	14.71 0.54 -0.01	18.41 0.68 -0.01	17.25 0.69 0.00	21.96 1.08 0.00	23.16 1.06 0.00	15.05 0.79 0.59	15.22 0.92 3.31	9.78 0.59 1.91	10.59 0.57 0.81	17.44 1.01 3.57	20.23 1.10 3.19	20.78 0.95 0.75	27.64 1.16 0.00	41.13 1.57 0.00	40.15 1.35 0.00	40.89 1.40 0.00	29.14 1.11 0.00
NYPA_HARLEM__RVR__GT2 24161	24.71 0.99 0.00	17.38 0.74 0.00	23.54 1.08 -0.01	19.78 0.88 -0.01	21.56 0.88 -0.01	23.97 0.95 0.00	15.91 0.61 -0.01	14.71 0.54 -0.01	18.41 0.68 -0.01	17.25 0.69 0.00	21.96 1.08 0.00	23.16 1.06 0.00	15.05 0.79 0.59	15.22 0.92 3.31	9.78 0.59 1.91	10.59 0.57 0.81	17.44 1.01 3.57	20.23 1.10 3.19	20.78 0.95 0.75	27.64 1.16 0.00	41.13 1.57 0.00	40.15 1.35 0.00	40.89 1.40 0.00	29.14 1.11 0.00
NYPA_KENT____GT 24152	24.78 1.05 0.00	17.45 0.81 0.00	23.69 1.23 -0.01	19.92 1.02 -0.01	21.69 1.01 -0.01	24.13 1.10 0.00	16.05 0.74 -0.01	14.84 0.67 -0.01	18.58 0.84 -0.01	17.36 0.80 0.00	22.00 1.12 0.00	23.26 1.16 0.00	15.12 0.86 0.59	15.31 1.00 3.31	9.84 0.64 1.91	10.65 0.64 0.81	17.54 1.10 3.57	20.34 1.21 3.19	20.93 1.11 0.75	27.83 1.35 0.00	41.44 1.88 0.00	40.43 1.64 0.00	41.12 1.62 0.00	29.29 1.26 0.00
NYPA_POUCH1____GT 24155	24.73 1.00 0.00	17.41 0.77 0.00	23.64 1.18 -0.01	19.88 0.97 -0.01	21.63 0.96 -0.01	24.08 1.05 0.00	16.00 0.70 -0.01	14.81 0.64 -0.01	18.53 0.80 -0.01	17.33 0.77 0.00	21.97 1.09 0.00	23.24 1.14 0.00	15.10 0.84 0.59	15.28 0.97 3.31	9.82 0.63 1.91	10.64 0.63 0.81	17.50 1.06 3.57	20.32 1.19 3.19	20.92 1.10 0.75	27.83 1.35 0.00	41.44 1.88 0.00	40.44 1.64 0.00	41.12 1.63 0.00	29.26 1.23 0.00
NYPA_VERNON____GT2 24162	24.80 1.08 0.00	17.45 0.81 0.00	23.64 1.18 -0.01	19.88 0.97 -0.01	21.64 0.97 -0.01	24.07 1.04 0.00	16.01 0.70 -0.01	14.81 0.64 -0.01	18.53 0.80 -0.01	17.34 0.77 0.00	21.99 1.11 0.00	23.24 1.14 0.00	15.11 0.84 0.59	15.30 0.99 3.31	9.82 0.63 1.91	10.64 0.63 0.81	17.53 1.09 3.57	20.32 1.19 3.19	20.91 1.08 0.75	27.79 1.31 0.00	41.37 1.81 0.00	40.37 1.57 0.00	41.05 1.56 0.00	29.26 1.23 0.00
NYPA_VERNON____GT3 24163	24.80 1.08 0.00	17.45 0.81 0.00	23.64 1.18 -0.01	19.88 0.97 -0.01	21.64 0.97 -0.01	24.07 1.04 0.00	16.01 0.70 -0.01	14.81 0.64 -0.01	18.53 0.80 -0.01	17.34 0.77 0.00	21.99 1.11 0.00	23.24 1.14 0.00	15.11 0.84 0.59	15.30 0.99 3.31	9.82 0.63 1.91	10.64 0.63 0.81	17.53 1.09 3.57	20.32 1.19 3.19	20.91 1.08 0.75	27.79 1.31 0.00	41.37 1.81 0.00	40.37 1.57 0.00	41.05 1.56 0.00	29.26 1.23 0.00
NYPA__ASTORIA_CC1 323568	24.78 1.05 0.00	17.43 0.79 0.00	23.61 1.15 -0.01	19.85 0.95 -0.01	21.62 0.95 -0.01	24.03 1.01 0.00	15.99 0.69 -0.01	14.80 0.63 -0.01	18.51 0.78 -0.01	17.31 0.76 0.00	21.97 1.09 0.00	23.20 1.10 0.00	15.09 0.83 0.59	15.28 0.97 3.31	9.81 0.62 1.91	10.63 0.62 0.81	17.51 1.07 3.57	20.29 1.16 3.19	20.88 1.05 0.75	27.75 1.27 0.00	41.29 1.73 0.00	40.30 1.50 0.00	40.99 1.50 0.00	29.23 1.21 0.00
NYPA__ASTORIA_CC2 323569	24.78 1.05 0.00	17.43 0.79 0.00	23.61 1.15 -0.01	19.85 0.95 -0.01	21.62 0.95 -0.01	24.03 1.01 0.00	15.99 0.69 -0.01	14.80 0.63 -0.01	18.51 0.78 -0.01	17.31 0.76 0.00	21.97 1.09 0.00	23.20 1.10 0.00	15.09 0.83 0.59	15.28 0.97 3.31	9.81 0.62 1.91	10.63 0.62 0.81	17.51 1.07 3.57	20.29 1.16 3.19	20.88 1.05 0.75	27.75 1.27 0.00	41.29 1.73 0.00	40.30 1.50 0.00	40.99 1.50 0.00	29.23 1.21 0.00
NYPA__HOLTSVILL 23794	11.46 1.48 13.75	14.39 0.93 3.17	23.79 1.33 0.00	18.94 1.08 1.04	21.71 1.04 0.00	24.15 1.13 0.00	16.00 0.70 0.00	14.76 0.60 0.00	18.41 0.69 0.00	17.24 0.69 0.00	18.07 1.22 4.03	20.16 1.23 3.17	11.99 0.93 3.79	15.22 0.97 3.38	9.72 0.53 1.91	10.39 0.62 1.06	17.16 1.01 3.85	20.27 1.15 3.20	20.86 1.03 0.75	27.72 1.24 0.00	41.48 1.92 0.00	40.44 1.65 0.00	41.21 1.72 0.00	29.26 1.23 0.00
NYPA__HELLGATE_GT1 24158	24.71 0.99 0.00	17.38 0.74 0.00	23.54 1.08 -0.01	19.78 0.88 -0.01	21.56 0.88 -0.01	23.97 0.95 0.00	15.91 0.61 -0.01	14.71 0.54 -0.01	18.41 0.68 -0.01	17.25 0.69 0.00	21.96 1.08 0.00	23.16 1.06 0.00	15.05 0.79 0.59	15.22 0.92 3.31	9.78 0.59 1.91	10.59 0.57 0.81	17.44 1.01 3.57	20.23 1.10 3.19	20.78 0.95 0.75	27.64 1.16 0.00	41.13 1.57 0.00	40.13 1.34 0.00	40.87 1.38 0.00	29.14 1.11 0.00
NYPA__HELLGATE_GT2 24159	24.71 0.99 0.00	17.38 0.74 0.00	23.54 1.08 -0.01	19.78 0.88 -0.01	21.56 0.88 -0.01	23.97 0.95 0.00	15.91 0.61 -0.01	14.71 0.54 -0.01	18.41 0.68 -0.01	17.25 0.69 0.00	21.96 1.08 0.00	23.16 1.06 0.00	15.05 0.79 0.59	15.22 0.92 3.31	9.78 0.59 1.91	10.59 0.57 0.81	17.44 1.01 3.57	20.23 1.10 3.19	20.78 0.95 0.75	27.64 1.16 0.00	41.13 1.57 0.00	40.13 1.34 0.00	40.87 1.38 0.00	29.14 1.11 0.00
NYS_BARGE__HYD 23848	14.17 -2.21 7.35	12.71 -1.70 2.23	13.89 -2.18 6.39	15.34 -1.98 1.58	17.79 -2.21 0.67	14.73 -2.35 5.93	11.89 -1.64 1.77	6.13 -1.43 6.60	9.34 -1.71 6.67	13.37 -1.69 1.50	16.50 -2.13 2.25	17.59 -2.15 2.36	9.58 -1.67 3.60	-0.37 -1.36 16.63	0.17 -0.85 10.09	2.89 -0.92 7.01	0.45 -1.64 17.91	4.45 -1.88 15.99	10.73 -1.92 7.93	20.43 -2.77 3.28	33.62 -4.01 1.93	30.70 -3.74 4.35	36.10 -3.07 0.32	25.53 -2.36 0.14
OAK ORCHARD__HYD 24046	22.24 -1.48 0.00	15.54 -1.10 0.00	21.00 -1.46 0.00	17.63 -1.26 0.00	19.28 -1.39 0.00	21.45 -1.57 0.00	14.24 -1.06 0.00	13.21 -0.95 0.00	16.60 -1.12 0.00	15.49 -1.06 0.00	19.44 -1.36 0.09	20.42 -1.42 0.27	10.53 -1.08 3.24	0.44 -0.96 16.22	1.15 -0.60 9.35	6.23 -0.62 3.97	1.42 -1.11 17.48	5.42 -1.26 15.64	15.66 -1.26 3.66	24.82 -1.65 0.00	36.99 -2.34 0.22	35.76 -2.21 0.83	37.40 -1.92 0.17	26.45 -1.51 0.07

OAKDALE___35_KV_LOAD 356122	23.13 -0.59 0.00	16.22 -0.41 0.00	22.00 -0.45 0.00	18.48 -0.42 0.00	20.17 -0.50 0.00	22.48 -0.54 0.00	14.87 -0.42 0.00	13.81 -0.35 0.00	17.29 -0.43 0.00	16.11 -0.44 0.00	20.21 -0.58 0.09	21.20 -0.63 0.27	10.73 -0.46 3.66	-1.31 -0.41 18.51	0.17 -0.25 10.67	6.05 -0.25 4.53	-0.47 -0.52 19.95	3.87 -0.60 17.85	15.89 -0.51 4.18	25.84 -0.64 0.00	38.47 -1.01 0.08	37.19 -1.01 0.60	38.58 -0.91 0.00	27.40 -0.63 0.00
OCC_CHEM___DRP 24175	13.70 -2.52 7.50	12.46 -1.90 2.27	13.46 -2.48 6.52	15.10 -2.18 1.61	17.56 -2.43 0.68	14.28 -2.69 6.06	11.66 -1.83 1.81	5.79 -1.64 6.73	8.94 -1.97 6.81	13.12 -1.91 1.53	16.19 -2.39 2.30	17.24 -2.45 2.41	9.41 -1.84 3.59	-0.38 -1.53 16.47	0.14 -0.95 10.01	2.77 -1.02 7.03	0.42 -1.84 17.75	4.35 -2.13 15.83	10.30 -2.30 7.98	20.00 -3.13 3.35	33.34 -4.53 1.70	30.56 -4.24 4.00	35.92 -3.57 0.00	25.33 -2.70 0.00
OH_GEN_PROXY 24063	14.87 -2.40 6.45	12.91 -1.77 1.95	14.51 -2.34 5.61	15.49 -2.03 1.38	17.84 -2.24 0.59	15.30 -2.52 5.21	12.03 -1.71 1.55	6.82 -1.55 5.79	10.02 -1.85 5.86	13.48 -1.77 1.31	16.67 -2.22 1.99	17.70 -2.29 2.11	9.63 -1.71 3.51	-0.10 -1.48 16.24	0.39 -0.91 9.81	3.29 -0.98 6.56	0.72 -1.79 17.50	4.63 -2.06 15.63	11.15 -2.10 7.33	20.76 -2.83 2.88	33.68 -4.09 1.79	30.88 -3.84 4.07	35.83 -3.27 0.39	25.38 -2.48 0.17
OLIN_CORP_DRP 24177	13.60 -2.44 7.68	12.43 -1.88 2.33	13.38 -2.40 6.68	15.07 -2.18 1.65	17.54 -2.43 0.70	14.23 -2.60 6.20	11.64 -1.80 1.85	5.69 -1.58 6.89	8.84 -1.90 6.97	13.11 -1.88 1.56	16.17 -2.36 2.35	17.27 -2.37 2.47	9.41 -1.81 3.63	-0.48 -1.49 16.61	0.08 -0.92 10.10	2.69 -0.99 7.14	0.33 -1.79 17.89	4.30 -2.07 15.96	10.33 -2.14 8.11	19.97 -3.08 3.43	33.30 -4.52 1.74	30.47 -4.23 4.09	35.94 -3.55 0.00	25.35 -2.68 0.00
OLIN_CORP_DSASP 323712	13.72 -2.50 7.50	12.47 -1.89 2.27	13.48 -2.46 6.52	15.11 -2.18 1.61	17.56 -2.42 0.68	14.31 -2.66 6.06	11.66 -1.83 1.81	5.80 -1.63 6.73	8.96 -1.95 6.81	13.14 -1.89 1.53	16.21 -2.37 2.30	17.26 -2.43 2.41	9.42 -1.84 3.59	-0.38 -1.53 16.47	0.15 -0.94 10.01	2.77 -1.03 7.03	0.41 -1.85 17.75	4.34 -2.14 15.84	10.33 -2.27 7.98	20.01 -3.12 3.35	33.06 -4.50 2.00	30.07 -4.23 4.50	35.58 -3.55 0.36	25.18 -2.69 0.16
ONEIDA_HERK_LFGE 323681	23.84 0.12 0.00	16.73 0.10 0.00	22.60 0.14 0.00	19.00 0.10 0.00	20.77 0.10 0.00	23.14 0.12 0.00	15.39 0.09 0.00	14.24 0.08 0.00	17.83 0.10 0.00	16.64 0.08 0.00	20.95 0.08 0.00	22.14 0.04 0.00	12.92 -0.03 1.89	6.84 -0.14 10.64	4.86 -0.11 6.13	8.12 -0.10 2.60	8.40 -0.14 11.47	12.05 -0.01 10.26	18.24 0.07 2.40	26.69 0.21 0.00	39.95 0.39 0.00	39.15 0.35 0.00	39.67 0.18 0.00	28.06 0.03 0.00
ONEIDA___115KV_TB4 55905	23.86 0.14 0.00	16.73 0.09 0.00	22.62 0.16 0.00	19.01 0.11 0.00	20.77 0.10 0.00	23.14 0.12 0.00	15.37 0.07 0.00	14.24 0.08 0.00	17.83 0.10 0.00	16.62 0.07 0.00	20.95 0.05 -0.03	22.23 0.04 -0.09	11.81 -0.03 3.01	-0.05 -0.07 17.60	0.90 -0.05 10.15	6.48 -0.03 4.31	0.96 -0.07 18.97	5.36 0.01 16.97	16.71 0.11 3.97	26.69 0.21 0.00	39.98 0.40 -0.03	39.34 0.35 -0.20	39.79 0.30 0.00	28.17 0.14 0.00
ONONDAGA_REF_OCCRA 23987	23.08 -0.64 0.00	16.17 -0.46 0.00	21.89 -0.57 0.00	18.39 -0.50 0.00	20.09 -0.58 0.00	22.38 -0.64 0.00	14.84 -0.46 0.00	13.77 -0.39 0.00	17.24 -0.48 0.00	16.09 -0.47 0.00	20.33 -0.60 -0.05	21.61 -0.66 -0.16	8.84 -0.49 5.52	-15.14 -0.51 32.25	-7.81 -0.31 18.59	2.64 -0.30 7.89	-15.33 -0.58 34.75	-9.42 -0.65 31.09	12.72 -0.58 7.27	25.76 -0.72 0.00	38.55 -1.05 -0.05	38.13 -1.03 -0.36	38.56 -0.93 0.00	27.32 -0.71 0.00
ONONDAGA___COGEN 23986	22.96 -0.76 0.00	16.10 -0.54 0.00	21.76 -0.69 0.00	18.28 -0.62 0.00	19.98 -0.69 0.00	22.25 -0.77 0.00	14.77 -0.53 0.00	13.69 -0.47 0.00	17.16 -0.57 0.00	16.01 -0.55 0.00	20.19 -0.69 0.00	21.34 -0.76 0.00	8.16 -0.56 6.12	-17.42 -0.60 34.44	-9.12 -0.36 19.86	2.04 -0.35 8.43	-17.78 -0.67 37.11	-11.64 -0.76 33.20	12.14 -0.67 7.77	25.62 -0.86 0.00	38.34 -1.22 0.00	37.60 -1.20 0.00	38.36 -1.13 0.00	27.17 -0.86 0.00
ONTARIO___LFGE 23819	27.46 -1.07 -4.80	17.30 -0.79 -1.45	25.56 -1.02 -4.12	19.01 -0.90 -1.02	20.11 -0.99 -0.43	25.75 -1.10 -3.83	15.69 -0.76 -1.15	17.79 -0.65 -4.27	21.28 -0.78 -4.34	16.77 -0.76 -0.98	21.06 -1.01 -1.19	21.66 -1.14 -0.69	9.48 -0.86 4.50	-4.61 -0.86 21.37	-1.43 -0.53 11.99	6.99 -0.51 3.33	-3.98 -0.96 23.03	0.64 -1.05 20.62	17.61 -0.88 2.08	27.43 -1.18 -2.13	38.65 -1.75 -0.84	37.88 -1.63 -0.71	38.10 -1.39 0.00	26.97 -1.06 0.00
ORANGEVILLE_WT_PWR 323706	-15.71 -2.27 37.17	3.72 -1.66 11.25	-11.99 -2.16 32.28	9.00 -1.93 7.96	15.19 -2.10 3.38	-9.24 -2.29 29.98	4.77 -1.59 8.94	-20.54 -1.36 33.35	-17.70 -1.69 33.73	7.37 -1.63 7.56	7.87 -2.07 10.94	9.33 -2.20 10.57	8.25 -1.60 4.99	-3.96 -1.60 19.98	-3.96 -1.01 14.06	-9.97 -1.03 19.77	-3.42 -1.90 21.52	1.17 -2.12 19.03	-6.98 -1.93 25.62	7.37 -2.51 16.60	27.88 -3.69 7.99	18.62 -3.38 16.79	36.67 -2.82 0.00	25.92 -2.11 0.00
ORANGEVILLE___ESR 323794	-15.71 -2.27 37.17	3.72 -1.66 11.25	-11.99 -2.16 32.28	9.00 -1.93 7.96	15.19 -2.10 3.38	-9.24 -2.29 29.98	4.77 -1.59 8.94	-20.54 -1.36 33.35	-17.70 -1.69 33.73	7.37 -1.63 7.56	7.87 -2.07 10.94	9.33 -2.20 10.57	8.25 -1.60 4.99	-3.96 -1.60 19.98	-3.96 -1.01 14.06	-9.97 -1.03 19.77	-3.42 -1.90 21.52	1.17 -2.12 19.03	-6.98 -1.93 25.62	7.37 -2.51 16.60	27.88 -3.69 7.99	18.62 -3.38 16.79	36.67 -2.82 0.00	25.92 -2.11 0.00
OSWEGATCHIE___HYD 24044	23.43 -0.30 0.00	16.35 -0.29 0.00	21.97 -0.48 0.00	18.49 -0.41 0.00	20.24 -0.43 0.00	22.59 -0.43 0.00	15.14 -0.16 0.00	14.00 -0.16 0.00	17.51 -0.21 0.00	16.39 -0.16 0.00	20.61 -0.27 0.00	21.76 -0.34 0.00	12.61 -0.31 1.93	6.25 -0.52 10.84	4.49 -0.35 6.25	7.81 -0.36 2.65	7.80 -0.52 11.68	11.48 -0.38 10.45	17.79 -0.34 2.45	26.23 -0.25 0.00	39.18 -0.38 0.00	38.60 -0.20 0.00	39.10 -0.39 0.00	27.62 -0.41 0.00
OSWEGO___5 23606	22.57 -1.15 0.00	15.82 -0.81 0.00	21.39 -1.07 0.00	17.97 -0.92 0.00	19.65 -1.02 0.00	21.87 -1.15 0.00	14.52 -0.78 0.00	13.45 -0.71 0.00	16.85 -0.87 0.00	15.74 -0.82 0.00	19.84 -1.04 0.00	20.99 -1.11 0.00	5.24 -0.80 8.81	-32.80 -0.87 49.55	-18.00 -0.54 28.57	-1.83 -0.53 12.12	-34.37 -0.99 53.39	-26.55 -1.10 47.76	8.39 -1.01 11.18	25.18 -1.30 0.00	37.67 -1.89 0.00	36.96 -1.83 0.00	37.69 -1.80 0.00	26.72 -1.31 0.00
OSWEGO___6 23613	22.57 -1.15 0.00	15.82 -0.81 0.00	21.39 -1.07 0.00	17.97 -0.92 0.00	19.65 -1.02 0.00	21.87 -1.15 0.00	14.52 -0.78 0.00	13.45 -0.71 0.00	16.85 -0.87 0.00	15.74 -0.82 0.00	19.84 -1.04 0.00	20.99 -1.11 0.00	5.24 -0.80 8.81	-32.80 -0.87 49.55	-18.00 -0.54 28.57	-1.83 -0.53 12.12	-34.37 -0.99 53.39	-26.55 -1.10 47.76	8.39 -1.01 11.18	25.18 -1.30 0.00	37.67 -1.89 0.00	36.96 -1.83 0.00	37.69 -1.80 0.00	26.72 -1.31 0.00

OUTOKUMPU-AB___DRP 24206	13.56 -2.12 8.04	12.59 -1.61 2.44	13.38 -2.08 6.99	15.31 -1.86 1.72	17.87 -2.07 0.73	14.25 -2.28 6.49	11.80 -1.56 1.94	5.57 -1.38 7.22	8.79 -1.64 7.30	13.32 -1.60 1.64	16.42 -2.00 2.46	17.50 -2.03 2.57	9.63 -1.56 3.66	-0.30 -1.24 16.68	0.17 -0.76 10.17	2.68 -0.84 7.30	0.51 -1.52 17.98	4.52 -1.77 16.03	10.37 -1.87 8.33	20.30 -2.59 3.59	34.02 -3.73 1.81	31.10 -3.44 4.26	36.68 -2.81 0.00	25.85 -2.18 0.00
OXBOW___BTM 323836	13.63 -2.32 7.78	12.52 -1.76 2.35	13.42 -2.28 6.76	15.20 -2.03 1.67	17.70 -2.27 0.71	14.27 -2.48 6.28	11.72 -1.70 1.87	5.67 -1.51 6.98	8.87 -1.79 7.06	13.23 -1.75 1.58	16.31 -2.18 2.38	17.37 -2.24 2.49	9.52 -1.71 3.62	-0.35 -1.40 16.58	0.15 -0.86 10.09	2.71 -0.94 7.17	0.44 -1.70 17.86	4.41 -1.97 15.94	10.35 -2.07 8.16	20.14 -2.86 3.47	33.39 -4.12 2.06	30.32 -3.84 4.64	35.93 -3.19 0.36	25.42 -2.46 0.16
OXBOW___ 24026	13.61 -2.34 7.78	12.51 -1.77 2.35	13.40 -2.30 6.76	15.19 -2.04 1.67	17.70 -2.27 0.71	14.24 -2.50 6.28	11.71 -1.71 1.87	5.66 -1.52 6.98	8.85 -1.82 7.06	13.21 -1.77 1.58	16.29 -2.20 2.38	17.36 -2.25 2.49	9.51 -1.71 3.62	-0.35 -1.40 16.58	0.15 -0.86 10.09	2.71 -0.94 7.17	0.46 -1.69 17.86	4.42 -1.96 15.93	10.32 -2.10 8.16	20.13 -2.88 3.47	33.66 -4.14 1.75	30.80 -3.87 4.13	36.28 -3.21 0.00	25.57 -2.46 0.00
OXY_CHEM_DSASP 323612	13.70 -2.52 7.50	12.46 -1.90 2.27	13.46 -2.48 6.52	15.10 -2.18 1.61	17.56 -2.43 0.68	14.28 -2.69 6.06	11.66 -1.83 1.81	5.79 -1.64 6.73	8.94 -1.97 6.81	13.12 -1.91 1.53	16.19 -2.39 2.30	17.24 -2.45 2.41	9.41 -1.84 3.59	-0.38 -1.53 16.47	0.14 -0.95 10.01	2.77 -1.02 7.03	0.42 -1.84 17.75	4.35 -2.13 15.83	10.30 -2.30 7.98	20.00 -3.13 3.35	33.34 -4.53 1.70	30.56 -4.24 4.00	35.92 -3.57 0.00	25.33 -2.70 0.00
OZONE_PARK_ESR 323760	24.99 1.26 0.00	17.55 0.91 0.00	23.72 1.26 0.00	19.93 1.04 0.00	21.71 1.03 0.00	24.15 1.13 0.00	16.06 0.76 0.00	14.86 0.70 0.00	18.61 0.88 0.00	17.41 0.85 0.00	22.10 1.22 0.00	23.38 1.28 0.00	15.17 0.91 0.59	15.39 1.08 3.31	9.88 0.69 1.91	10.70 0.68 0.81	17.63 1.20 3.57	20.43 1.31 3.19	21.04 1.21 0.75	27.97 1.50 0.00	41.69 2.13 0.00	40.68 1.88 0.00	41.36 1.86 0.00	29.41 1.38 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	13.70 -2.52 7.50	12.46 -1.90 2.27	13.46 -2.48 6.52	15.10 -2.18 1.61	17.56 -2.43 0.68	14.28 -2.69 6.06	11.66 -1.83 1.81	5.79 -1.64 6.73	8.94 -1.97 6.81	13.12 -1.91 1.53	16.19 -2.39 2.30	17.24 -2.45 2.41	9.41 -1.84 3.59	-0.38 -1.53 16.47	0.14 -0.95 10.01	2.77 -1.02 7.03	0.42 -1.84 17.75	4.35 -2.13 15.83	10.30 -2.30 7.98	20.00 -3.13 3.35	33.34 -4.53 1.70	30.56 -4.24 4.00	35.92 -3.57 0.00	25.33 -2.70 0.00
PACKARD___115KV_DUPONT_184 80571	13.70 -2.52 7.50	12.46 -1.90 2.27	13.46 -2.48 6.52	15.10 -2.18 1.61	17.56 -2.43 0.68	14.28 -2.69 6.06	11.66 -1.83 1.81	5.79 -1.64 6.73	8.94 -1.97 6.81	13.12 -1.91 1.53	16.19 -2.39 2.30	17.24 -2.45 2.41	9.41 -1.84 3.59	-0.38 -1.53 16.47	0.14 -0.95 10.01	2.77 -1.02 7.03	0.42 -1.84 17.75	4.35 -2.13 15.83	10.30 -2.30 7.98	20.00 -3.13 3.35	33.34 -4.53 1.70	30.56 -4.24 4.00	35.92 -3.57 0.00	25.33 -2.70 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	24.75 1.03 0.00	17.40 0.76 0.00	23.54 1.08 -0.01	19.78 0.88 -0.01	21.55 0.87 -0.01	23.97 0.95 0.00	15.92 0.61 -0.01	14.73 0.56 -0.01	18.43 0.70 -0.01	17.26 0.70 0.00	21.94 1.06 0.00	23.16 1.06 0.00	15.05 0.78 0.59	15.21 0.90 3.31	9.77 0.58 1.91	10.59 0.57 0.81	17.45 1.01 3.57	20.23 1.10 3.19	20.80 0.98 0.75	27.67 1.19 0.00	41.19 1.63 0.00	40.20 1.41 0.00	40.94 1.45 0.00	29.18 1.15 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	25.38 1.65 0.00	17.86 1.22 0.00	24.17 1.71 -0.01	20.32 1.41 -0.01	22.14 1.46 -0.01	24.64 1.62 0.00	16.38 1.08 -0.01	15.15 0.98 -0.01	18.97 1.24 -0.01	17.75 1.19 0.00	22.56 1.68 0.00	23.76 1.66 0.00	15.42 1.16 0.59	15.68 1.37 3.31	10.06 0.88 1.91	10.87 0.86 0.81	17.96 1.53 3.57	20.80 1.67 3.19	21.33 1.51 0.75	28.36 1.88 0.00	42.22 2.66 0.00	41.20 2.40 0.00	41.96 2.47 0.00	29.87 1.84 0.00
PATROON___115KV_TB1 80586	23.85 0.12 0.00	16.79 0.15 0.00	22.73 0.27 0.00	19.13 0.24 0.00	20.89 0.21 0.00	23.24 0.22 0.00	15.41 0.11 0.00	14.25 0.09 0.00	17.80 0.07 0.00	16.56 0.01 0.00	20.91 0.03 0.00	22.14 0.04 0.00	14.50 0.07 0.41	15.35 0.06 2.33	9.81 0.05 1.34	10.32 0.06 0.57	17.62 0.13 2.51	20.19 0.11 2.24	20.10 0.05 0.52	26.53 0.05 0.00	39.63 0.08 0.00	38.83 0.03 0.00	39.45 -0.04 0.00	28.07 0.04 0.00
PATTRSNVILLE___SOLAR 323815	24.24 0.51 0.00	17.01 0.37 0.00	23.02 0.56 0.00	19.36 0.47 0.00	21.15 0.47 0.00	23.54 0.52 0.00	15.61 0.32 0.00	14.42 0.26 0.00	18.00 0.28 0.00	16.75 0.19 0.00	21.03 0.16 0.00	22.30 0.20 0.00	14.56 0.16 0.44	15.26 0.12 2.49	9.74 0.08 1.43	10.32 0.11 0.61	17.63 0.31 2.68	20.27 0.35 2.40	20.38 0.37 0.56	27.01 0.53 0.00	40.42 0.87 0.00	39.64 0.84 0.00	40.31 0.82 0.00	28.61 0.58 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	13.86 -1.76 8.11	12.87 -1.31 2.46	13.74 -1.68 7.04	15.66 -1.50 1.74	18.28 -1.66 0.74	14.64 -1.84 6.54	12.07 -1.27 1.95	5.77 -1.12 7.28	9.05 -1.32 7.36	13.62 -1.29 1.65	16.76 -1.62 2.50	17.81 -1.65 2.65	9.81 -1.24 3.79	-0.30 -0.94 16.99	0.17 -0.59 10.35	2.77 -0.66 7.40	0.50 -1.21 18.30	4.58 -1.42 16.32	10.66 -1.48 8.44	20.84 -2.02 3.62	34.86 -2.86 1.85	31.79 -2.59 4.42	37.43 -2.06 0.00	26.39 -1.64 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	24.82 1.10 0.00	17.43 0.79 0.00	23.57 1.12 0.00	19.81 0.91 0.00	21.59 0.92 0.00	24.03 1.00 0.00	15.96 0.66 0.00	14.77 0.61 0.00	18.49 0.77 0.00	17.29 0.73 0.00	21.91 1.03 0.00	23.20 1.10 0.00	15.04 0.78 0.58	15.26 0.92 3.28	9.80 0.59 1.89	10.62 0.59 0.80	17.51 1.04 3.53	20.30 1.14 3.16	20.91 1.08 0.74	27.80 1.32 0.00	41.47 1.91 0.00	40.48 1.69 0.00	41.12 1.63 0.00	29.20 1.17 0.00
PEEKSKILL___ 23653	24.64 0.92 0.00	17.31 0.67 0.00	23.40 0.95 0.00	19.67 0.77 0.00	21.42 0.76 0.00	23.84 0.82 0.00	15.84 0.55 0.00	14.66 0.50 0.00	18.34 0.61 0.00	17.15 0.60 0.00	21.75 0.87 0.00	23.02 0.92 0.00	14.92 0.67 0.59	15.07 0.80 3.34	9.68 0.51 1.93	10.52 0.51 0.82	17.28 0.88 3.60	20.05 0.95 3.22	20.70 0.88 0.75	27.56 1.08 0.00	41.10 1.54 0.00	40.11 1.32 0.00	40.77 1.28 0.00	28.97 0.95 0.00
PGE MADISON___WINDPWR 24146	26.05 0.52 -1.80	17.56 0.38 -0.54	24.62 0.61 -1.55	19.63 0.35 -0.38	21.03 0.20 -0.16	24.78 0.32 -1.44	15.92 0.18 -0.44	16.03 0.25 -1.61	19.79 0.43 -1.63	17.25 0.32 -0.37	22.01 0.37 -0.76	23.58 0.26 -1.21	12.59 0.03 2.29	-0.92 0.02 18.56	0.48 -0.04 10.58	6.84 -0.16 3.82	-0.39 -0.38 20.00	4.30 -0.12 17.90	17.66 0.24 3.16	27.65 0.37 -0.80	40.74 0.48 -0.70	41.80 0.46 -2.55	40.16 0.55 -0.12	28.44 0.35 -0.05

PIERCEFIELD___HYD 23852	23.63 -0.10 0.00	16.40 -0.23 0.00	21.97 -0.49 0.00	18.50 -0.39 0.00	20.30 -0.37 0.00	22.67 -0.35 0.00	15.26 -0.03 0.00	14.14 -0.03 0.00	17.72 0.00 0.00	16.61 0.05 0.00	20.90 0.02 0.00	22.09 -0.01 0.00	13.73 -0.03 1.08	11.35 -0.19 6.08	7.45 -0.14 3.51	9.19 -0.14 1.49	13.30 -0.15 6.55	16.44 -0.02 5.86	19.12 -0.08 1.37	26.49 0.01 0.00	39.43 -0.13 0.00	39.00 0.20 0.00	39.64 0.15 0.00	28.03 0.00 0.00
PINELAWN_CC_1 323563	25.19 1.46 0.00	17.55 0.91 0.00	23.76 1.31 0.00	19.96 1.06 0.00	21.69 1.02 0.00	24.15 1.12 0.00	16.00 0.70 0.00	14.77 0.61 0.00	18.43 0.71 0.00	17.27 0.71 0.00	22.13 1.25 0.00	23.38 1.27 0.00	15.20 0.95 0.59	15.32 1.01 3.31	9.77 0.58 1.91	10.66 0.65 0.81	17.51 1.07 3.57	20.29 1.16 3.19	20.87 1.05 0.75	27.78 1.30 0.00	41.56 2.00 0.00	40.54 1.74 0.00	41.22 1.73 0.00	29.30 1.28 0.00
PJM_GEN_HTP_PROXY 323702	24.79 1.07 0.00	17.42 0.78 0.00	23.54 1.09 0.00	19.79 0.90 0.00	21.55 0.88 0.00	23.98 0.96 0.00	15.94 0.64 0.00	14.75 0.59 0.00	18.46 0.74 0.00	17.27 0.72 0.00	21.92 1.04 0.00	23.19 1.09 0.00	15.05 0.80 0.59	15.24 0.93 3.31	9.79 0.60 1.91	10.61 0.60 0.81	17.47 1.03 3.57	20.25 1.12 3.19	20.86 1.03 0.75	27.73 1.26 0.00	41.32 1.77 0.00	40.33 1.53 0.00	40.99 1.49 0.00	29.16 1.13 0.00
PJM_GEN_KEystone 24065	21.67 -0.42 1.63	15.85 -0.29 0.49	20.75 -0.30 1.41	18.25 -0.30 0.35	20.13 -0.39 0.15	21.28 -0.43 1.31	14.58 -0.32 0.39	12.42 -0.28 1.46	15.92 -0.32 1.48	15.89 -0.33 0.33	19.95 -0.38 0.55	21.03 -0.39 0.68	12.47 -0.28 2.09	7.70 -0.15 9.77	5.28 -0.08 5.75	7.70 -0.09 3.04	9.22 -0.26 10.53	12.57 -0.33 9.42	17.11 -0.33 3.13	25.28 -0.47 0.73	38.09 -0.74 0.73	36.26 -0.79 1.75	38.49 -0.63 0.38	27.42 -0.45 0.16
PJM_GEN_NEPTUNE_PROXY 323594	3.33 1.16 21.55	12.39 0.72 4.97	23.51 1.05 0.00	18.14 0.87 1.63	21.48 0.81 0.00	23.91 0.88 0.00	15.84 0.55 0.00	14.64 0.48 0.00	18.28 0.56 0.00	17.14 0.59 0.00	15.64 1.08 6.32	18.25 1.11 4.96	10.06 0.82 5.60	15.06 0.86 3.42	9.68 0.49 1.91	10.20 0.58 1.21	16.90 0.90 4.01	20.07 0.95 3.20	20.67 0.84 0.75	27.50 1.02 0.00	41.10 1.54 0.00	40.07 1.28 0.00	40.76 1.27 0.00	28.99 0.96 0.00
PJM_GEN_VFT_PROXY 323633	24.69 0.97 0.00	17.36 0.72 0.00	23.47 1.02 0.00	19.73 0.84 0.00	21.48 0.81 0.00	23.89 0.87 0.00	15.89 0.60 0.00	14.70 0.54 0.00	18.40 0.68 0.00	17.21 0.66 0.00	21.84 0.96 0.00	23.10 1.00 0.00	14.99 0.73 0.59	15.17 0.86 3.31	9.74 0.55 1.91	10.57 0.56 0.81	17.38 0.94 3.57	20.16 1.03 3.19	20.78 0.95 0.75	27.62 1.14 0.00	41.15 1.59 0.00	40.16 1.36 0.00	40.81 1.32 0.00	29.04 1.01 0.00
PLATSBURG_115KV_PMLD1 355749	24.34 0.62 0.00	16.99 0.35 0.00	22.77 0.32 0.00	19.15 0.25 0.00	20.98 0.31 0.00	23.38 0.36 0.00	15.61 0.32 0.00	14.48 0.32 0.00	18.16 0.44 0.00	17.04 0.48 0.00	21.44 0.56 0.00	22.69 0.59 0.00	14.83 0.42 0.43	15.59 0.41 2.44	9.94 0.24 1.41	10.46 0.24 0.60	17.91 0.53 2.63	20.60 0.63 2.35	20.53 0.50 0.55	27.02 0.54 0.00	40.25 0.69 0.00	39.69 0.89 0.00	40.48 0.99 0.00	28.69 0.66 0.00
PLEASANTVLY___LBMP 24000	24.53 0.80 0.00	17.24 0.60 0.00	23.32 0.87 0.00	19.60 0.71 0.00	21.37 0.70 0.00	23.77 0.75 0.00	15.78 0.49 0.00	14.60 0.44 0.00	18.25 0.53 0.00	17.07 0.52 0.00	21.64 0.76 0.00	22.90 0.80 0.00	14.87 0.59 0.56	15.15 0.69 3.16	9.72 0.45 1.83	10.50 0.45 0.77	17.37 0.77 3.41	20.10 0.83 3.05	20.64 0.78 0.71	27.40 0.92 0.00	40.89 1.33 0.00	39.94 1.14 0.00	40.59 1.10 0.00	28.85 0.82 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	24.69 0.97 0.00	17.35 0.71 0.00	23.47 1.01 0.00	19.72 0.82 0.00	21.49 0.82 0.00	23.91 0.88 0.00	15.88 0.59 0.00	14.69 0.53 0.00	18.38 0.66 0.00	17.19 0.64 0.00	21.81 0.93 0.00	23.08 0.98 0.00	14.97 0.71 0.58	15.16 0.84 3.29	9.74 0.54 1.90	10.56 0.54 0.80	17.39 0.93 3.54	20.15 1.00 3.17	20.77 0.94 0.74	27.61 1.14 0.00	41.19 1.63 0.00	40.21 1.41 0.00	40.86 1.37 0.00	29.04 1.01 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	24.69 0.97 0.00	17.35 0.71 0.00	23.47 1.01 0.00	19.72 0.82 0.00	21.49 0.82 0.00	23.91 0.88 0.00	15.88 0.59 0.00	14.69 0.53 0.00	18.38 0.66 0.00	17.19 0.64 0.00	21.81 0.93 0.00	23.08 0.98 0.00	14.97 0.71 0.58	15.16 0.84 3.29	9.74 0.54 1.90	10.56 0.54 0.80	17.39 0.93 3.54	20.15 1.00 3.17	20.77 0.94 0.74	27.61 1.14 0.00	41.19 1.63 0.00	40.21 1.41 0.00	40.86 1.37 0.00	29.04 1.01 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	24.71 0.98 0.00	17.36 0.72 0.00	23.48 1.02 0.00	19.74 0.84 0.00	21.52 0.84 0.00	23.94 0.92 0.00	15.89 0.60 0.00	14.71 0.55 0.00	18.39 0.67 0.00	17.19 0.63 0.00	21.76 0.88 0.00	23.04 0.94 0.00	14.94 0.67 0.57	15.21 0.79 3.20	9.77 0.51 1.84	10.56 0.52 0.78	17.46 0.90 3.45	20.25 1.01 3.08	20.80 0.95 0.72	27.65 1.17 0.00	41.27 1.71 0.00	40.30 1.50 0.00	40.95 1.46 0.00	29.08 1.05 0.00
POLETTI____ 23519	24.74 1.01 0.00	17.39 0.76 0.00	23.52 1.06 0.00	19.77 0.88 0.00	21.53 0.86 0.00	23.95 0.93 0.00	15.92 0.63 0.00	14.72 0.56 0.00	18.43 0.70 0.00	17.24 0.69 0.00	21.91 1.03 0.00	23.16 1.06 0.00	15.02 0.77 0.59	15.20 0.89 3.31	9.77 0.58 1.91	10.59 0.58 0.81	17.43 1.00 3.57	20.21 1.08 3.19	20.82 0.99 0.75	27.67 1.19 0.00	41.22 1.66 0.00	40.22 1.43 0.00	40.88 1.39 0.00	29.11 1.08 0.00
POMONA___ESR 323819	24.67 0.94 0.00	17.32 0.69 0.00	23.44 0.99 0.00	19.70 0.81 0.00	21.47 0.80 0.00	23.88 0.86 0.00	15.87 0.58 0.00	14.69 0.53 0.00	18.38 0.66 0.00	17.20 0.64 0.00	21.81 0.93 0.00	23.08 0.98 0.00	14.95 0.71 0.61	15.05 0.84 3.42	9.67 0.54 1.97	10.53 0.54 0.83	17.26 0.94 3.68	20.05 1.02 3.29	20.75 0.95 0.77	27.64 1.16 0.00	41.21 1.65 0.00	40.23 1.43 0.00	40.88 1.39 0.00	29.03 1.00 0.00
PORT_JEFF_3 23555	11.66 1.50 13.56	14.44 0.93 3.13	23.80 1.34 0.00	18.96 1.09 1.02	21.71 1.04 0.00	24.17 1.15 0.00	16.01 0.71 0.00	14.77 0.61 0.00	18.43 0.70 0.00	17.26 0.70 0.00	18.13 1.23 3.97	20.22 1.24 3.12	12.05 0.95 3.74	15.23 0.99 3.38	9.71 0.52 1.91	10.38 0.61 1.05	17.15 0.99 3.85	20.26 1.14 3.20	20.85 1.02 0.75	27.72 1.24 0.00	41.46 1.90 0.00	40.43 1.64 0.00	41.23 1.75 0.00	29.28 1.25 0.00
PORT_JEFF_4 23616	11.66 1.50 13.56	14.44 0.93 3.13	23.80 1.34 0.00	18.96 1.09 1.02	21.71 1.04 0.00	24.17 1.15 0.00	16.01 0.71 0.00	14.77 0.61 0.00	18.43 0.70 0.00	17.26 0.70 0.00	18.13 1.23 3.97	20.22 1.24 3.12	12.05 0.95 3.74	15.23 0.99 3.38	9.71 0.52 1.91	10.38 0.61 1.05	17.15 0.99 3.85	20.26 1.14 3.20	20.85 1.02 0.75	27.72 1.24 0.00	41.46 1.90 0.00	40.43 1.64 0.00	41.23 1.75 0.00	29.28 1.25 0.00

PORT_JEFF_IC 23713	12.25 1.54 13.01	14.60 0.97 3.00	23.84 1.39 0.00	19.03 1.12 0.98	21.74 1.07 0.00	24.21 1.19 0.00	16.03 0.74 0.00	14.79 0.63 0.00	18.45 0.72 0.00	17.28 0.73 0.00	18.33 1.27 3.81	20.38 1.28 3.00	12.19 0.96 3.62	15.26 1.01 3.38	9.72 0.54 1.91	10.41 0.63 1.04	17.21 1.04 3.84	20.30 1.18 3.20	20.90 1.07 0.75	27.77 1.29 0.00	41.56 2.00 0.00	40.52 1.73 0.00	41.31 1.82 0.00	29.33 1.30 0.00
PPL PILGRIM_ST_GT1 24216	14.62 1.58 10.68	15.17 0.99 2.46	23.87 1.42 0.00	19.24 1.16 0.81	21.79 1.12 0.00	24.25 1.23 0.00	16.07 0.77 0.00	14.83 0.67 0.00	18.50 0.78 0.00	17.33 0.77 0.00	19.08 1.34 3.13	21.00 1.36 2.46	12.78 1.01 3.07	15.35 1.09 3.37	9.80 0.61 1.91	10.52 0.70 1.00	17.37 1.15 3.79	20.38 1.26 3.20	20.97 1.14 0.75	27.88 1.40 0.00	41.72 2.16 0.00	40.68 1.89 0.00	41.39 1.90 0.00	29.40 1.37 0.00
PPL PILGRIM_ST_GT2 24217	14.62 1.58 10.68	15.17 0.99 2.46	23.87 1.42 0.00	19.24 1.16 0.81	21.79 1.12 0.00	24.25 1.23 0.00	16.07 0.77 0.00	14.83 0.67 0.00	18.50 0.78 0.00	17.33 0.77 0.00	19.08 1.34 3.13	21.00 1.36 2.46	12.78 1.01 3.07	15.35 1.09 3.37	9.80 0.61 1.91	10.52 0.70 1.00	17.37 1.15 3.79	20.38 1.26 3.20	20.97 1.14 0.75	27.88 1.40 0.00	41.72 2.16 0.00	40.68 1.89 0.00	41.39 1.90 0.00	29.40 1.37 0.00
PPL_SHRM_GT3 24213	12.06 1.64 13.30	14.60 1.03 3.07	23.95 1.49 0.00	19.09 1.20 1.00	21.81 1.14 0.00	24.28 1.26 0.00	16.09 0.79 0.00	14.83 0.67 0.00	18.49 0.77 0.00	17.30 0.74 0.00	18.25 1.27 3.90	20.29 1.26 3.06	12.11 0.95 3.68	15.24 1.00 3.38	9.72 0.54 1.91	10.42 0.64 1.05	17.22 1.06 3.84	20.40 1.28 3.20	20.99 1.16 0.75	27.89 1.42 0.00	41.74 2.18 0.00	40.72 1.92 0.00	41.48 1.99 0.00	29.42 1.39 0.00
PPL_SHRM_GT4 24214	12.06 1.64 13.30	14.60 1.03 3.07	23.95 1.49 0.00	19.09 1.20 1.00	21.81 1.14 0.00	24.28 1.26 0.00	16.09 0.79 0.00	14.83 0.67 0.00	18.49 0.77 0.00	17.30 0.74 0.00	18.25 1.27 3.90	20.29 1.26 3.06	12.11 0.95 3.68	15.24 1.00 3.38	9.72 0.54 1.91	10.42 0.64 1.05	17.22 1.06 3.84	20.40 1.28 3.20	20.99 1.16 0.75	27.89 1.42 0.00	41.74 2.18 0.00	40.72 1.92 0.00	41.48 1.99 0.00	29.42 1.39 0.00
PROJECT___ORANGE 1 24174	22.97 -0.76 0.00	16.10 -0.54 0.00	21.78 -0.68 0.00	18.30 -0.60 0.00	19.99 -0.68 0.00	22.26 -0.76 0.00	14.76 -0.53 0.00	13.70 -0.47 0.00	17.15 -0.57 0.00	16.01 -0.55 0.00	20.18 -0.70 0.00	21.34 -0.76 0.00	8.50 -0.55 5.79	-15.55 -0.58 32.59	-8.05 -0.35 18.79	2.51 -0.34 7.97	-15.78 -0.66 35.12	-9.85 -0.75 31.42	12.53 -0.69 7.35	25.60 -0.88 0.00	38.27 -1.29 0.00	37.56 -1.24 0.00	38.37 -1.13 0.00	27.19 -0.84 0.00
PROJECT___ORANGE 2 24166	22.97 -0.76 0.00	16.10 -0.54 0.00	21.78 -0.68 0.00	18.30 -0.60 0.00	19.99 -0.68 0.00	22.26 -0.76 0.00	14.76 -0.53 0.00	13.70 -0.47 0.00	17.15 -0.57 0.00	16.01 -0.55 0.00	20.18 -0.70 0.00	21.34 -0.76 0.00	8.50 -0.55 5.79	-15.55 -0.58 32.59	-8.05 -0.35 18.79	2.51 -0.34 7.97	-15.78 -0.66 35.12	-9.85 -0.75 31.42	12.53 -0.69 7.35	25.60 -0.88 0.00	38.27 -1.29 0.00	37.56 -1.24 0.00	38.37 -1.13 0.00	27.19 -0.84 0.00
PUCKETT___SOLAR 323809	23.42 -0.31 0.00	16.40 -0.23 0.00	22.25 -0.21 0.00	18.66 -0.23 0.00	20.35 -0.33 0.00	22.70 -0.32 0.00	15.01 -0.28 0.00	13.91 -0.25 0.00	17.44 -0.29 0.00	16.24 -0.31 0.00	20.44 -0.44 0.00	21.58 -0.52 0.00	11.19 -0.46 3.19	-0.74 -0.40 17.96	0.50 -0.24 10.35	6.17 -0.26 4.40	0.15 -0.50 19.36	4.47 -0.54 17.31	16.15 -0.38 4.05	26.05 -0.42 0.00	38.93 -0.63 0.00	38.08 -0.71 0.00	38.89 -0.60 0.00	27.57 -0.46 0.00
PYRITES___HYD 24023	24.16 0.44 0.00	16.77 0.13 0.00	22.45 0.00 0.00	18.92 0.02 0.00	20.76 0.09 0.00	23.20 0.17 0.00	15.62 0.32 0.00	14.44 0.28 0.00	18.06 0.34 0.00	16.88 0.32 0.00	21.22 0.34 0.00	22.43 0.33 0.00	14.05 0.21 1.01	12.00 0.07 5.69	7.84 0.02 3.28	9.46 0.03 1.39	14.09 0.21 6.13	17.28 0.44 5.48	19.64 0.35 1.28	27.09 0.61 0.00	40.40 0.84 0.00	39.94 1.15 0.00	40.58 1.09 0.00	28.69 0.66 0.00
QUAKERRD_115KV_BK1 80622	21.90 -1.82 0.00	15.33 -1.31 0.00	20.70 -1.76 0.00	17.40 -1.49 0.00	19.03 -1.65 0.00	21.15 -1.87 0.00	14.05 -1.24 0.00	13.03 -1.13 0.00	16.36 -1.36 0.00	15.28 -1.28 0.00	19.18 -1.62 0.08	20.16 -1.70 0.24	10.32 -1.25 3.28	-0.24 -1.23 16.63	0.75 -0.76 9.59	5.99 -0.77 4.07	0.69 -1.39 17.92	4.71 -1.58 16.03	15.29 -1.53 3.75	24.48 -2.00 0.00	36.61 -2.88 0.07	35.50 -2.77 0.53	36.95 -2.54 0.00	26.11 -1.92 0.00
QUENSBRY_115KV_TB8 356137	24.73 1.01 0.00	17.34 0.70 0.00	23.49 1.04 0.00	19.75 0.86 0.00	21.58 0.91 0.00	24.04 1.02 0.00	15.87 0.57 0.00	14.68 0.51 0.00	18.29 0.57 0.00	17.07 0.52 0.00	21.37 0.49 0.00	22.63 0.53 0.00	14.81 0.37 0.40	15.79 0.43 2.27	10.07 0.27 1.31	10.57 0.29 0.55	18.22 0.65 2.44	20.87 0.73 2.18	20.89 0.82 0.51	27.54 1.06 0.00	41.18 1.62 0.00	40.34 1.54 0.00	40.89 1.40 0.00	28.98 0.95 0.00
RAMAPO___LBMP 323565	24.58 0.86 0.00	17.26 0.62 0.00	23.33 0.87 0.00	19.60 0.71 0.00	21.35 0.68 0.00	23.76 0.75 0.00	15.80 0.50 0.00	14.62 0.46 0.00	18.28 0.56 0.00	17.11 0.55 0.00	21.68 0.81 0.00	22.95 0.85 0.00	14.85 0.62 0.61	14.91 0.73 3.44	9.59 0.47 1.98	10.46 0.47 0.84	17.10 0.80 3.70	19.89 0.88 3.31	20.63 0.83 0.78	27.48 1.00 0.00	40.99 1.43 0.00	40.00 1.21 0.00	40.67 1.18 0.00	28.89 0.85 0.00
RANKINE____ 23646	12.31 -2.03 9.39	12.29 -1.50 2.84	12.34 -1.95 8.15	15.15 -1.73 2.01	17.91 -1.91 0.85	13.31 -2.14 7.57	11.57 -1.47 2.26	4.44 -1.29 8.42	7.66 -1.54 8.52	13.17 -1.48 1.91	16.17 -1.85 2.86	17.23 -1.90 2.98	9.61 -1.44 3.80	-0.54 -1.17 17.00	-0.07 -0.73 10.44	2.11 -0.80 7.92	0.25 -1.45 18.31	4.30 -1.69 16.32	9.67 -1.73 9.17	19.97 -2.32 4.19	34.13 -3.32 2.11	30.84 -3.04 4.92	37.03 -2.46 0.00	26.12 -1.91 0.00
RAVENSWOOD_GT2_1 24244	24.79 1.06 0.00	17.41 0.78 0.00	23.55 1.09 0.00	19.79 0.90 0.00	21.56 0.89 0.00	23.98 0.96 0.00	15.94 0.65 0.00	14.75 0.59 0.00	18.46 0.74 0.00	17.27 0.72 0.00	21.93 1.05 0.00	23.19 1.09 0.00	15.05 0.79 0.59	15.24 0.93 3.31	9.78 0.59 1.91	10.61 0.60 0.81	17.46 1.03 3.57	20.24 1.12 3.19	20.86 1.03 0.75	27.72 1.24 0.00	41.32 1.76 0.00	40.32 1.53 0.00	40.98 1.49 0.00	29.16 1.13 0.00
RAVENSWOOD_GT2_2 24245	24.79 1.06 0.00	17.41 0.78 0.00	23.55 1.09 0.00	19.79 0.90 0.00	21.56 0.89 0.00	23.98 0.96 0.00	15.94 0.65 0.00	14.75 0.59 0.00	18.46 0.74 0.00	17.27 0.72 0.00	21.93 1.05 0.00	23.19 1.09 0.00	15.05 0.79 0.59	15.24 0.93 3.31	9.78 0.59 1.91	10.61 0.60 0.81	17.46 1.03 3.57	20.24 1.12 3.19	20.86 1.03 0.75	27.72 1.24 0.00	41.32 1.76 0.00	40.32 1.53 0.00	40.98 1.49 0.00	29.16 1.13 0.00

RAVENSWOOD_GT2_3 24246	24.79 1.07 0.00	17.41 0.78 0.00	23.56 1.11 0.00	19.80 0.91 0.00	21.57 0.90 0.00	23.99 0.97 0.00	15.95 0.66 0.00	14.76 0.60 0.00	18.47 0.74 0.00	17.28 0.72 0.00	21.93 1.05 0.00	23.20 1.10 0.00	15.05 0.80 0.59	15.25 0.94 3.31	9.79 0.60 1.91	10.61 0.60 0.81	17.47 1.04 3.57	20.25 1.13 3.19	20.87 1.04 0.75	27.74 1.26 0.00	41.34 1.78 0.00	40.33 1.53 0.00	41.00 1.51 0.00	29.17 1.14 0.00
RAVENSWOOD_GT2_4 24247	24.79 1.07 0.00	17.41 0.78 0.00	23.56 1.11 0.00	19.80 0.91 0.00	21.57 0.90 0.00	23.99 0.97 0.00	15.95 0.66 0.00	14.76 0.60 0.00	18.47 0.74 0.00	17.28 0.72 0.00	21.93 1.05 0.00	23.20 1.10 0.00	15.05 0.80 0.59	15.25 0.94 3.31	9.79 0.60 1.91	10.61 0.60 0.81	17.47 1.04 3.57	20.25 1.13 3.19	20.87 1.04 0.75	27.74 1.26 0.00	41.34 1.78 0.00	40.33 1.53 0.00	41.00 1.51 0.00	29.17 1.14 0.00
RAVENSWOOD_GT3_1 24248	24.79 1.06 0.00	17.41 0.78 0.00	23.55 1.09 0.00	19.79 0.90 0.00	21.56 0.89 0.00	23.98 0.96 0.00	15.94 0.65 0.00	14.75 0.59 0.00	18.46 0.74 0.00	17.27 0.72 0.00	21.93 1.05 0.00	23.19 1.09 0.00	15.05 0.79 0.59	15.24 0.93 3.31	9.78 0.59 1.91	10.61 0.60 0.81	17.46 1.03 3.57	20.24 1.12 3.19	20.86 1.03 0.75	27.72 1.24 0.00	41.32 1.76 0.00	40.32 1.53 0.00	40.98 1.49 0.00	29.16 1.13 0.00
RAVENSWOOD_GT3_2 24249	24.79 1.06 0.00	17.41 0.78 0.00	23.55 1.09 0.00	19.79 0.90 0.00	21.56 0.89 0.00	23.98 0.96 0.00	15.94 0.65 0.00	14.75 0.59 0.00	18.46 0.74 0.00	17.27 0.72 0.00	21.93 1.05 0.00	23.19 1.09 0.00	15.05 0.79 0.59	15.24 0.93 3.31	9.78 0.59 1.91	10.61 0.60 0.81	17.46 1.03 3.57	20.24 1.12 3.19	20.86 1.03 0.75	27.72 1.24 0.00	41.32 1.76 0.00	40.32 1.53 0.00	40.98 1.49 0.00	29.16 1.13 0.00
RAVENSWOOD_GT3_3 24250	24.82 1.09 0.00	17.43 0.79 0.00	23.58 1.13 0.00	19.82 0.92 0.00	21.58 0.91 0.00	24.01 0.99 0.00	15.97 0.67 0.00	14.77 0.61 0.00	18.48 0.76 0.00	17.30 0.74 0.00	21.95 1.07 0.00	23.22 1.12 0.00	15.07 0.81 0.59	15.26 0.95 3.31	9.80 0.61 1.91	10.62 0.61 0.81	17.49 1.06 3.57	20.28 1.15 3.19	20.89 1.06 0.75	27.76 1.29 0.00	41.37 1.81 0.00	40.37 1.57 0.00	41.03 1.54 0.00	29.20 1.17 0.00
RAVENSWOOD_GT3_4 24251	24.82 1.09 0.00	17.43 0.79 0.00	23.58 1.13 0.00	19.82 0.92 0.00	21.58 0.91 0.00	24.01 0.99 0.00	15.97 0.67 0.00	14.77 0.61 0.00	18.48 0.76 0.00	17.30 0.74 0.00	21.95 1.07 0.00	23.22 1.12 0.00	15.07 0.81 0.59	15.26 0.95 3.31	9.80 0.61 1.91	10.62 0.61 0.81	17.49 1.06 3.57	20.28 1.15 3.19	20.89 1.06 0.75	27.76 1.29 0.00	41.37 1.81 0.00	40.37 1.57 0.00	41.03 1.54 0.00	29.20 1.17 0.00
RAVENSWOOD_GT1_1 23729	24.81 1.09 0.00	17.45 0.81 0.00	23.64 1.18 -0.01	19.88 0.97 -0.01	21.64 0.97 -0.01	24.07 1.04 0.00	16.01 0.70 -0.01	14.81 0.64 -0.01	18.54 0.81 -0.01	17.34 0.78 0.00	22.00 1.12 0.00	23.25 1.15 0.00	15.11 0.84 0.59	15.29 0.98 3.31	9.82 0.63 1.91	10.64 0.63 0.81	17.53 1.09 3.57	20.32 1.19 3.19	20.91 1.09 0.75	27.79 1.31 0.00	41.37 1.82 0.00	40.37 1.58 0.00	41.06 1.57 0.00	29.26 1.23 0.00
RAVENSWOOD_GT10 24258	24.79 1.06 0.00	17.41 0.78 0.00	23.55 1.09 0.00	19.79 0.90 0.00	21.56 0.88 0.00	23.98 0.96 0.00	15.94 0.65 0.00	14.75 0.59 0.00	18.46 0.73 0.00	17.27 0.72 0.00	21.92 1.04 0.00	23.19 1.09 0.00	15.05 0.79 0.59	15.23 0.92 3.31	9.78 0.59 1.91	10.61 0.59 0.81	17.46 1.03 3.57	20.24 1.12 3.19	20.86 1.03 0.75	27.72 1.24 0.00	41.32 1.76 0.00	40.32 1.53 0.00	40.98 1.49 0.00	29.16 1.13 0.00
RAVENSWOOD_GT11 24259	24.79 1.06 0.00	17.41 0.78 0.00	23.55 1.09 0.00	19.79 0.90 0.00	21.56 0.88 0.00	23.98 0.96 0.00	15.94 0.65 0.00	14.75 0.59 0.00	18.46 0.73 0.00	17.27 0.72 0.00	21.92 1.04 0.00	23.19 1.09 0.00	15.05 0.79 0.59	15.23 0.92 3.31	9.78 0.59 1.91	10.61 0.59 0.81	17.46 1.03 3.57	20.24 1.12 3.19	20.86 1.03 0.75	27.72 1.24 0.00	41.32 1.76 0.00	40.32 1.53 0.00	40.98 1.49 0.00	29.16 1.13 0.00
RAVENSWOOD_GT_4 24252	24.79 1.07 0.00	17.41 0.78 0.00	23.54 1.08 0.00	19.78 0.89 0.00	21.54 0.88 0.00	23.97 0.96 0.00	15.93 0.64 0.00	14.74 0.58 0.00	18.45 0.73 0.00	17.27 0.71 0.00	21.92 1.04 0.00	23.19 1.09 0.00	15.04 0.79 0.59	15.23 0.92 3.31	9.78 0.59 1.91	10.61 0.59 0.81	17.46 1.02 3.57	20.23 1.11 3.20	20.86 1.03 0.75	27.72 1.24 0.00	41.32 1.76 0.00	40.32 1.52 0.00	40.98 1.49 0.00	29.15 1.12 0.00
RAVENSWOOD_GT_5 24254	24.79 1.07 0.00	17.41 0.78 0.00	23.54 1.08 0.00	19.78 0.89 0.00	21.54 0.88 0.00	23.97 0.96 0.00	15.93 0.64 0.00	14.74 0.58 0.00	18.45 0.73 0.00	17.27 0.71 0.00	21.92 1.04 0.00	23.19 1.09 0.00	15.04 0.79 0.59	15.23 0.92 3.31	9.78 0.59 1.91	10.61 0.59 0.81	17.46 1.02 3.57	20.23 1.11 3.20	20.86 1.03 0.75	27.72 1.24 0.00	41.32 1.76 0.00	40.32 1.52 0.00	40.98 1.49 0.00	29.15 1.12 0.00
RAVENSWOOD_GT_6 24253	24.79 1.07 0.00	17.41 0.78 0.00	23.54 1.08 0.00	19.78 0.89 0.00	21.54 0.88 0.00	23.97 0.96 0.00	15.93 0.64 0.00	14.74 0.58 0.00	18.45 0.73 0.00	17.27 0.71 0.00	21.92 1.04 0.00	23.19 1.09 0.00	15.04 0.79 0.59	15.23 0.92 3.31	9.78 0.59 1.91	10.61 0.59 0.81	17.46 1.02 3.57	20.23 1.11 3.20	20.86 1.03 0.75	27.72 1.24 0.00	41.32 1.76 0.00	40.32 1.52 0.00	40.98 1.49 0.00	29.15 1.12 0.00
RAVENSWOOD_GT_7 24255	24.79 1.07 0.00	17.41 0.78 0.00	23.54 1.08 0.00	19.78 0.89 0.00	21.54 0.88 0.00	23.97 0.96 0.00	15.93 0.64 0.00	14.74 0.58 0.00	18.45 0.73 0.00	17.27 0.71 0.00	21.92 1.04 0.00	23.19 1.09 0.00	15.04 0.79 0.59	15.23 0.92 3.31	9.78 0.59 1.91	10.61 0.59 0.81	17.46 1.02 3.57	20.23 1.11 3.20	20.86 1.03 0.75	27.72 1.24 0.00	41.32 1.76 0.00	40.32 1.52 0.00	40.98 1.49 0.00	29.15 1.12 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	24.79 1.06 0.00	17.41 0.78 0.00	23.55 1.09 0.00	19.79 0.90 0.00	21.56 0.88 0.00	23.98 0.96 0.00	15.94 0.65 0.00	14.75 0.59 0.00	18.46 0.73 0.00	17.27 0.72 0.00	21.92 1.04 0.00	23.19 1.09 0.00	15.05 0.79 0.59	15.23 0.92 3.31	9.78 0.59 1.91	10.61 0.59 0.81	17.46 1.03 3.57	20.24 1.12 3.19	20.86 1.03 0.75	27.72 1.24 0.00	41.32 1.76 0.00	40.32 1.53 0.00	40.98 1.49 0.00	29.16 1.13 0.00
RAVENSWOOD_GT_9 24257	24.79 1.06 0.00	17.41 0.78 0.00	23.55 1.09 0.00	19.79 0.90 0.00	21.56 0.88 0.00	23.98 0.96 0.00	15.94 0.65 0.00	14.75 0.59 0.00	18.46 0.73 0.00	17.27 0.72 0.00	21.92 1.04 0.00	23.19 1.09 0.00	15.05 0.79 0.59	15.23 0.92 3.31	9.78 0.59 1.91	10.61 0.59 0.81	17.46 1.03 3.57	20.24 1.12 3.19	20.86 1.03 0.75	27.72 1.24 0.00	41.32 1.76 0.00	40.32 1.53 0.00	40.98 1.49 0.00	29.16 1.13 0.00

RAVENSWOOD___1 23533	24.77 1.04 0.00	17.43 0.79 0.00	23.61 1.15 -0.01	19.86 0.96 -0.01	21.62 0.95 -0.01	24.04 1.02 0.00	16.00 0.69 -0.01	14.80 0.63 -0.01	18.51 0.78 -0.01	17.31 0.76 0.00	21.96 1.08 0.00	23.21 1.11 0.00	15.08 0.82 0.59	15.28 0.97 3.31	9.81 0.62 1.91	10.63 0.62 0.81	17.51 1.07 3.57	20.29 1.16 3.19	20.88 1.05 0.75	27.75 1.27 0.00	41.33 1.77 0.00	40.32 1.52 0.00	41.00 1.50 0.00	29.22 1.19 0.00
RAVENSWOOD___2 23534	24.77 1.04 0.00	17.43 0.79 0.00	23.61 1.15 -0.01	19.86 0.96 -0.01	21.62 0.95 -0.01	24.04 1.02 0.00	16.00 0.69 -0.01	14.80 0.63 -0.01	18.51 0.78 -0.01	17.31 0.76 0.00	21.96 1.08 0.00	23.21 1.11 0.00	15.08 0.82 0.59	15.28 0.97 3.31	9.81 0.62 1.91	10.63 0.62 0.81	17.51 1.07 3.57	20.29 1.16 3.19	20.88 1.05 0.75	27.75 1.27 0.00	41.33 1.77 0.00	40.32 1.52 0.00	41.00 1.50 0.00	29.22 1.19 0.00
RAVENSWOOD___3 23535	24.79 1.06 0.00	17.41 0.78 0.00	23.55 1.09 0.00	19.79 0.90 0.00	21.56 0.89 0.00	23.98 0.96 0.00	15.94 0.65 0.00	14.75 0.59 0.00	18.46 0.74 0.00	17.27 0.72 0.00	21.92 1.04 0.00	23.18 1.09 0.00	15.05 0.80 0.59	15.24 0.93 3.31	9.79 0.60 1.91	10.61 0.60 0.81	17.47 1.03 3.57	20.25 1.12 3.19	20.86 1.03 0.75	27.72 1.24 0.00	41.31 1.76 0.00	40.32 1.52 0.00	40.98 1.49 0.00	29.16 1.13 0.00
RAVENSWOOD___4 23820	24.77 1.04 0.00	17.43 0.79 0.00	23.61 1.15 -0.01	19.86 0.96 -0.01	21.62 0.95 -0.01	24.04 1.02 0.00	16.00 0.69 -0.01	14.80 0.63 -0.01	18.51 0.78 -0.01	17.31 0.76 0.00	21.96 1.08 0.00	23.21 1.11 0.00	15.08 0.82 0.59	15.28 0.97 3.31	9.81 0.62 1.91	10.63 0.62 0.81	17.51 1.07 3.57	20.29 1.16 3.19	20.88 1.05 0.75	27.75 1.27 0.00	41.33 1.77 0.00	40.32 1.52 0.00	41.00 1.50 0.00	29.22 1.19 0.00
RCPL_TRUST___DRP 24196	24.81 1.09 0.00	17.43 0.80 0.00	23.56 1.10 0.00	19.80 0.90 0.00	21.56 0.89 0.00	23.99 0.97 0.00	15.95 0.66 0.00	14.76 0.60 0.00	18.47 0.75 0.00	17.29 0.73 0.00	21.94 1.07 0.00	23.21 1.11 0.00	15.06 0.80 0.59	15.25 0.94 3.31	9.79 0.60 1.91	10.62 0.61 0.81	17.48 1.05 3.57	20.27 1.14 3.19	20.88 1.05 0.75	27.75 1.27 0.00	41.36 1.80 0.00	40.35 1.56 0.00	41.02 1.53 0.00	29.18 1.15 0.00
RED___ROCHESTER 323720	22.37 -1.35 0.00	15.63 -1.00 0.00	21.12 -1.34 0.00	17.73 -1.17 0.00	19.38 -1.29 0.00	21.57 -1.45 0.00	14.32 -0.97 0.00	13.29 -0.88 0.00	16.70 -1.02 0.00	15.59 -0.96 0.00	19.56 -1.23 0.09	20.55 -1.28 0.27	10.67 -0.99 3.19	0.82 -0.86 15.94	1.38 -0.53 9.19	6.37 -0.55 3.90	1.85 -0.97 17.18	5.82 -1.12 15.38	15.86 -1.12 3.60	25.00 -1.48 0.00	37.26 -2.07 0.22	36.01 -1.96 0.83	37.65 -1.67 0.17	26.61 -1.34 0.07
REGAN___SOLAR 323812	24.76 1.04 0.00	17.35 0.71 0.00	23.41 0.96 0.00	19.68 0.79 0.00	21.51 0.84 0.00	23.96 0.94 0.00	15.90 0.60 0.00	14.63 0.47 0.00	18.27 0.55 0.00	16.89 0.34 0.00	21.02 0.14 0.00	22.26 0.16 0.00	14.45 0.15 0.54	14.41 -0.16 3.05	9.35 0.01 1.76	10.18 0.11 0.75	17.30 0.59 3.29	20.01 0.64 2.94	20.59 0.71 0.69	27.60 1.12 0.00	41.45 1.90 0.00	40.68 1.88 0.00	41.34 1.85 0.00	29.26 1.24 0.00
RENSSELAER___COGEN 23796	23.75 0.02 0.00	16.72 0.08 0.00	22.65 0.19 0.00	19.06 0.16 0.00	20.81 0.14 0.00	23.15 0.13 0.00	15.35 0.05 0.00	14.20 0.04 0.00	17.73 0.00 0.00	16.50 -0.06 0.00	20.83 -0.05 0.00	22.05 -0.05 0.00	14.44 0.01 0.42	15.27 0.00 2.35	9.75 0.01 1.35	10.26 0.02 0.57	17.51 0.04 2.53	20.06 0.01 2.26	20.01 -0.04 0.53	26.40 -0.08 0.00	39.44 -0.12 0.00	38.64 -0.16 0.00	39.27 -0.22 0.00	27.95 -0.08 0.00
REPUBLIC_115KV_BARTNBK 55605	25.73 2.01 0.00	17.88 1.25 0.00	24.36 1.90 0.00	20.44 1.54 0.00	22.34 1.67 0.00	24.98 1.96 0.00	16.52 1.22 0.00	15.25 1.09 0.00	18.85 1.13 0.00	17.63 1.08 0.00	21.80 0.92 0.00	23.03 0.93 0.00	15.09 0.64 0.40	16.21 0.85 2.26	10.40 0.61 1.31	10.83 0.56 0.55	18.89 1.32 2.44	21.44 1.30 2.18	21.83 1.77 0.51	28.71 2.22 0.00	42.91 3.35 0.00	42.02 3.22 0.00	42.52 3.03 0.00	30.08 2.05 0.00
REVERE_CPPR_DRP 24186	24.07 0.35 0.00	16.88 0.25 0.00	22.81 0.36 0.00	19.17 0.28 0.00	20.95 0.28 0.00	23.35 0.33 0.00	15.51 0.22 0.00	14.37 0.20 0.00	17.98 0.26 0.00	16.77 0.21 0.00	21.11 0.23 0.00	22.34 0.24 0.00	12.19 0.09 2.75	2.20 0.03 15.46	2.19 0.00 8.91	7.07 0.03 3.78	3.43 0.08 16.66	7.64 0.22 14.90	17.39 0.30 3.49	26.97 0.49 0.00	40.38 0.82 0.00	39.56 0.76 0.00	40.14 0.64 0.00	28.39 0.36 0.00
REYNLDPA_13_KV_LD 356490	23.97 0.25 0.00	16.72 0.09 0.00	22.43 -0.03 0.00	18.90 0.00 0.00	20.73 0.06 0.00	23.12 0.10 0.00	15.48 0.18 0.00	14.34 0.17 0.00	18.00 0.28 0.00	16.87 0.31 0.00	21.25 0.37 0.00	22.49 0.39 0.00	14.66 0.26 0.44	15.34 0.22 2.49	9.77 0.11 1.44	10.31 0.10 0.61	17.56 0.25 2.69	20.25 0.33 2.41	20.25 0.24 0.56	26.83 0.35 0.00	40.04 0.48 0.00	39.42 0.62 0.00	40.14 0.65 0.00	28.45 0.42 0.00
REYNOLDS_115KV_TB3 80639	23.86 0.14 0.00	16.81 0.18 0.00	22.78 0.32 0.00	19.17 0.28 0.00	20.93 0.26 0.00	23.28 0.25 0.00	15.43 0.14 0.00	14.27 0.11 0.00	17.82 0.09 0.00	16.59 0.04 0.00	20.92 0.03 0.00	22.15 0.05 0.00	14.51 0.08 0.42	15.36 0.08 2.34	9.81 0.07 1.35	10.32 0.07 0.57	17.61 0.12 2.52	20.16 0.10 2.26	20.12 0.08 0.53	26.53 0.05 0.00	39.64 0.08 0.00	38.86 0.06 0.00	39.49 0.00 0.00	28.11 0.08 0.00
RIVERBAY____ 323610	25.38 1.65 0.00	17.86 1.22 0.00	24.17 1.71 -0.01	20.32 1.41 -0.01	22.14 1.46 -0.01	24.64 1.62 0.00	16.38 1.08 -0.01	15.15 0.98 -0.01	18.97 1.24 -0.01	17.75 1.19 0.00	22.56 1.68 0.00	23.76 1.66 0.00	15.42 1.16 0.59	15.68 1.37 3.31	10.06 0.88 1.91	10.87 0.86 0.81	17.96 1.53 3.57	20.80 1.67 3.19	21.33 1.51 0.75	28.36 1.88 0.00	42.22 2.66 0.00	41.20 2.40 0.00	41.96 2.47 0.00	29.87 1.84 0.00
RIVERSDE_115KV_TB3 55908	23.81 0.09 0.00	16.77 0.13 0.00	22.72 0.27 0.00	19.12 0.23 0.00	20.87 0.20 0.00	23.22 0.20 0.00	15.39 0.10 0.00	14.24 0.08 0.00	17.78 0.05 0.00	16.54 -0.01 0.00	20.87 -0.01 0.00	22.10 0.00 0.00	14.48 0.05 0.42	15.33 0.04 2.34	9.79 0.04 1.35	10.30 0.05 0.57	17.58 0.09 2.52	20.13 0.07 2.25	20.08 0.03 0.53	26.47 -0.01 0.00	39.56 0.00 0.00	38.77 -0.02 0.00	39.39 -0.10 0.00	28.03 0.00 0.00
ROARING___BROOK_WT_PWR 323790	23.60 -0.12 0.00	16.55 -0.09 0.00	22.34 -0.11 0.00	18.81 -0.09 0.00	20.57 -0.10 0.00	22.92 -0.10 0.00	15.24 -0.05 0.00	14.11 -0.05 0.00	17.67 -0.06 0.00	16.51 -0.05 0.00	20.82 -0.06 0.00	22.03 -0.07 0.00	14.47 -0.05 0.32	15.69 -0.14 1.79	9.92 -0.14 1.03	10.24 -0.15 0.44	17.77 -0.30 1.93	20.29 -0.30 1.73	19.95 -0.22 0.40	26.31 -0.17 0.00	39.27 -0.28 0.00	38.60 -0.20 0.00	39.20 -0.29 0.00	27.82 -0.21 0.00

ROCHESRG_115KV_T4 355643	20.80 -1.58 1.34	15.08 -1.15 0.41	19.75 -1.53 1.18	17.29 -1.32 0.29	19.10 -1.45 0.12	20.27 -1.66 1.09	13.86 -1.11 0.32	11.95 -1.01 1.21	15.31 -1.19 1.22	15.15 -1.13 0.27	18.97 -1.44 0.47	19.99 -1.49 0.62	10.55 -1.12 3.17	0.84 -1.02 15.76	1.29 -0.63 9.18	5.77 -0.65 4.40	1.86 -1.16 16.99	5.79 -1.34 15.19	14.91 -1.35 4.32	24.12 -1.76 0.60	36.69 -2.51 0.36	35.29 -2.37 1.13	37.42 -2.07 0.00	26.43 -1.60 0.00
ROCHESTER_9_IC 23652	22.26 -1.47 0.00	15.56 -1.08 0.00	21.02 -1.43 0.00	17.66 -1.24 0.00	19.31 -1.37 0.00	21.46 -1.56 0.00	14.25 -1.04 0.00	13.22 -0.94 0.00	16.61 -1.11 0.00	15.51 -1.05 0.00	19.46 -1.33 0.09	20.45 -1.39 0.27	10.60 -1.05 3.19	0.74 -0.93 15.94	1.33 -0.58 9.19	6.32 -0.60 3.90	1.76 -1.06 17.18	5.72 -1.23 15.37	15.74 -1.24 3.60	24.87 -1.62 0.00	37.19 -2.29 0.08	36.05 -2.16 0.59	37.62 -1.87 0.00	26.56 -1.47 0.00
ROCKVIEW_13_KV_LD 356306	24.79 1.07 0.00	17.42 0.79 0.00	23.57 1.12 0.00	19.81 0.92 0.00	21.58 0.91 0.00	24.01 0.98 0.00	15.96 0.66 0.00	14.76 0.60 0.00	18.47 0.74 0.00	17.28 0.72 0.00	21.92 1.04 0.00	23.19 1.09 0.00	15.04 0.78 0.59	15.23 0.92 3.31	9.78 0.59 1.91	10.61 0.59 0.81	17.46 1.03 3.57	20.24 1.11 3.19	20.86 1.03 0.75	27.74 1.26 0.00	41.36 1.80 0.00	40.36 1.56 0.00	41.00 1.51 0.00	29.15 1.12 0.00
ROME____115KV_TB2 80656	24.07 0.35 0.00	16.88 0.25 0.00	22.81 0.36 0.00	19.17 0.28 0.00	20.95 0.28 0.00	23.35 0.33 0.00	15.51 0.22 0.00	14.37 0.20 0.00	17.98 0.26 0.00	16.77 0.21 0.00	21.11 0.23 0.00	22.34 0.24 0.00	12.19 0.09 2.75	2.20 0.03 15.46	2.19 0.00 8.91	7.07 0.03 3.78	3.43 0.08 16.66	7.64 0.22 14.90	17.39 0.30 3.49	26.97 0.49 0.00	40.38 0.82 0.00	39.56 0.76 0.00	40.14 0.64 0.00	28.39 0.36 0.00
ROSETON___1 23587	24.53 0.80 0.00	17.23 0.59 0.00	23.31 0.85 0.00	19.59 0.70 0.00	21.35 0.68 0.00	23.75 0.74 0.00	15.78 0.48 0.00	14.60 0.44 0.00	18.25 0.53 0.00	17.07 0.52 0.00	21.64 0.76 0.00	22.90 0.80 0.00	14.84 0.59 0.59	14.97 0.70 3.34	9.62 0.45 1.93	10.46 0.45 0.82	17.18 0.77 3.60	19.93 0.83 3.22	20.60 0.78 0.75	27.42 0.93 0.00	40.89 1.33 0.00	39.95 1.15 0.00	40.59 1.10 0.00	28.85 0.82 0.00
ROSETON___2 23588	24.53 0.80 0.00	17.23 0.59 0.00	23.31 0.85 0.00	19.59 0.70 0.00	21.35 0.68 0.00	23.75 0.74 0.00	15.78 0.48 0.00	14.60 0.44 0.00	18.25 0.53 0.00	17.07 0.52 0.00	21.64 0.76 0.00	22.90 0.80 0.00	14.84 0.59 0.59	14.97 0.70 3.34	9.62 0.45 1.93	10.46 0.45 0.82	17.18 0.77 3.60	19.93 0.83 3.22	20.60 0.78 0.75	27.42 0.93 0.00	40.89 1.33 0.00	39.95 1.15 0.00	40.59 1.10 0.00	28.85 0.82 0.00
ROTRRDAM_115KV_TB3 80664	24.07 0.35 0.00	16.91 0.27 0.00	22.90 0.45 0.00	19.25 0.36 0.00	21.04 0.37 0.00	23.42 0.39 0.00	15.52 0.22 0.00	14.35 0.19 0.00	17.93 0.20 0.00	16.72 0.16 0.00	21.04 0.16 0.00	22.28 0.18 0.00	14.59 0.15 0.40	15.51 0.16 2.27	9.89 0.10 1.31	10.38 0.12 0.55	17.82 0.25 2.45	20.41 0.28 2.19	20.34 0.28 0.51	26.84 0.36 0.00	40.12 0.56 0.00	39.32 0.53 0.00	39.98 0.49 0.00	28.40 0.37 0.00
RUSSELL___1 23602	22.36 -1.37 0.00	15.63 -1.01 0.00	21.10 -1.35 0.00	17.73 -1.17 0.00	19.38 -1.29 0.00	21.55 -1.47 0.00	14.31 -0.98 0.00	13.28 -0.88 0.00	16.69 -1.03 0.00	15.58 -0.97 0.00	19.55 -1.24 0.09	20.55 -1.29 0.27	10.67 -0.99 3.19	0.82 -0.85 15.94	1.38 -0.53 9.19	6.37 -0.55 3.90	1.85 -0.97 17.18	5.83 -1.12 15.37	15.84 -1.14 3.60	24.99 -1.49 0.00	37.39 -2.09 0.08	36.24 -1.97 0.59	37.81 -1.68 0.00	26.68 -1.35 0.00
RUSSELL___2 23532	22.36 -1.37 0.00	15.63 -1.01 0.00	21.10 -1.35 0.00	17.73 -1.17 0.00	19.38 -1.29 0.00	21.55 -1.47 0.00	14.31 -0.98 0.00	13.28 -0.88 0.00	16.69 -1.03 0.00	15.58 -0.97 0.00	19.55 -1.24 0.09	20.55 -1.29 0.27	10.67 -0.99 3.19	0.82 -0.85 15.94	1.38 -0.53 9.19	6.37 -0.55 3.90	1.85 -0.97 17.18	5.83 -1.12 15.37	15.84 -1.14 3.60	24.99 -1.49 0.00	37.39 -2.09 0.08	36.24 -1.97 0.59	37.81 -1.68 0.00	26.68 -1.35 0.00
RUSSELL___3 23549	22.36 -1.37 0.00	15.63 -1.01 0.00	21.10 -1.35 0.00	17.73 -1.17 0.00	19.38 -1.29 0.00	21.55 -1.47 0.00	14.31 -0.98 0.00	13.28 -0.88 0.00	16.69 -1.03 0.00	15.58 -0.97 0.00	19.55 -1.24 0.09	20.55 -1.29 0.27	10.67 -0.99 3.19	0.82 -0.85 15.94	1.38 -0.53 9.19	6.37 -0.55 3.90	1.85 -0.97 17.18	5.83 -1.12 15.37	15.84 -1.14 3.60	24.99 -1.49 0.00	37.39 -2.09 0.08	36.24 -1.97 0.59	37.81 -1.68 0.00	26.68 -1.35 0.00
RUSSELL___4 23556	22.36 -1.37 0.00	15.63 -1.01 0.00	21.10 -1.35 0.00	17.73 -1.17 0.00	19.38 -1.29 0.00	21.55 -1.47 0.00	14.31 -0.98 0.00	13.28 -0.88 0.00	16.69 -1.03 0.00	15.58 -0.97 0.00	19.55 -1.24 0.09	20.55 -1.29 0.27	10.67 -0.99 3.19	0.82 -0.85 15.94	1.38 -0.53 9.19	6.37 -0.55 3.90	1.85 -0.97 17.18	5.83 -1.12 15.37	15.84 -1.14 3.60	24.99 -1.49 0.00	37.39 -2.09 0.08	36.24 -1.97 0.59	37.81 -1.68 0.00	26.68 -1.35 0.00
RUSSELL___STATION 23914	22.36 -1.37 0.00	15.63 -1.01 0.00	21.10 -1.35 0.00	17.73 -1.17 0.00	19.38 -1.29 0.00	21.55 -1.47 0.00	14.31 -0.98 0.00	13.28 -0.88 0.00	16.69 -1.03 0.00	15.58 -0.97 0.00	19.55 -1.24 0.09	20.55 -1.29 0.27	10.67 -0.99 3.19	0.82 -0.85 15.94	1.38 -0.53 9.19	6.37 -0.55 3.90	1.85 -0.97 17.18	5.83 -1.12 15.37	15.84 -1.14 3.60	24.99 -1.49 0.00	37.39 -2.09 0.08	36.24 -1.97 0.59	37.81 -1.68 0.00	26.68 -1.35 0.00
S SALMON___HYD 24043	23.03 -0.70 0.00	16.13 -0.50 0.00	21.80 -0.66 0.00	18.32 -0.58 0.00	20.02 -0.65 0.00	22.27 -0.75 0.00	14.77 -0.52 0.00	13.69 -0.47 0.00	17.12 -0.61 0.00	15.99 -0.56 0.00	20.16 -0.72 0.00	21.29 -0.80 0.00	8.38 -0.62 5.85	-16.01 -0.72 32.91	-8.32 -0.45 18.97	2.32 -0.44 8.05	-16.22 -0.77 35.46	-10.19 -0.79 31.72	12.45 -0.71 7.42	25.68 -0.80 0.00	38.52 -1.04 0.00	37.83 -0.96 0.00	38.46 -1.03 0.00	27.20 -0.83 0.00
S.PERRY__115KV_TB1 80734	54.90 -1.14 -32.32	25.53 -0.88 -9.78	49.28 -1.20 -28.01	24.74 -1.06 -6.91	22.45 -1.15 -2.93	47.77 -1.27 -26.02	22.21 -0.85 -7.77	42.39 -0.73 -28.96	46.13 -0.91 -29.31	22.21 -0.91 -6.57	28.76 -1.21 -9.09	28.62 -1.40 -7.93	10.71 -1.04 3.09	1.64 -1.05 14.93	4.04 -0.65 6.41	19.42 -0.67 -9.26	2.69 -1.22 16.10	6.57 -1.16 14.59	34.58 -1.00 -15.00	39.67 -1.23 -14.42	44.49 -1.64 -6.57	49.15 -1.47 -11.83	38.42 -1.07 0.00	27.09 -0.94 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	13.57 -2.21 7.94	12.60 -1.64 2.40	13.40 -2.16 6.90	15.31 -1.88 1.70	17.87 -2.08 0.72	14.27 -2.34 6.41	11.79 -1.60 1.91	5.61 -1.43 7.13	8.81 -1.71 7.21	13.32 -1.62 1.61	16.41 -2.03 2.43	17.46 -2.09 2.55	9.62 -1.57 3.65	-0.30 -1.31 16.62	0.17 -0.81 10.12	2.70 -0.88 7.25	0.51 -1.59 17.90	4.49 -1.86 15.97	10.40 -1.92 8.26	20.35 -2.58 3.55	34.06 -3.70 1.79	31.14 -3.42 4.23	36.66 -2.83 0.00	25.85 -2.18 0.00

SAWYER___23_KV_LOAD 55526	13.57 -2.21 7.94	12.60 -1.64 2.40	13.40 -2.16 6.90	15.31 -1.88 1.70	17.87 -2.08 0.72	14.27 -2.34 6.41	11.79 -1.60 1.91	5.61 -1.43 7.13	8.81 -1.71 7.21	13.32 -1.62 1.61	16.41 -2.03 2.43	17.46 -2.09 2.55	9.62 -1.57 3.65	-0.30 -1.31 16.62	0.17 -0.81 10.12	2.70 -0.88 7.25	0.51 -1.59 17.90	4.49 -1.86 15.97	10.40 -1.92 8.26	20.35 -2.58 3.55	34.06 -3.70 1.79	31.14 -3.42 4.23	36.66 -2.83 0.00	25.85 -2.18 0.00
SELKIRK___I 23801	23.95 0.23 0.00	16.85 0.22 0.00	22.83 0.38 0.00	19.21 0.32 0.00	20.99 0.31 0.00	23.35 0.33 0.00	15.47 0.18 0.00	14.31 0.15 0.00	17.87 0.15 0.00	16.63 0.08 0.00	20.97 0.09 0.00	22.20 0.10 0.00	14.49 0.08 0.43	15.29 0.09 2.41	9.77 0.06 1.39	10.31 0.08 0.59	17.58 0.17 2.60	20.18 0.18 2.33	20.18 0.16 0.54	26.66 0.18 0.00	39.85 0.29 0.00	39.05 0.26 0.00	39.68 0.19 0.00	28.22 0.19 0.00
SELKIRK___II 23799	23.85 0.13 0.00	16.78 0.15 0.00	22.73 0.27 0.00	19.12 0.23 0.00	20.88 0.21 0.00	23.24 0.22 0.00	15.41 0.11 0.00	14.25 0.09 0.00	17.80 0.07 0.00	16.59 0.03 0.00	20.93 0.05 0.00	22.16 0.06 0.00	14.50 0.07 0.42	15.34 0.08 2.36	9.79 0.06 1.36	10.31 0.07 0.58	17.58 0.12 2.54	20.15 0.11 2.28	20.12 0.08 0.53	26.54 0.06 0.00	39.67 0.11 0.00	38.87 0.07 0.00	39.51 0.02 0.00	28.09 0.07 0.00
SENECA OSWGO___HYD 24041	22.65 -1.07 0.00	15.88 -0.76 0.00	21.47 -0.99 0.00	18.03 -0.86 0.00	19.71 -0.96 0.00	21.95 -1.07 0.00	14.56 -0.73 0.00	13.50 -0.66 0.00	16.91 -0.82 0.00	15.79 -0.77 0.00	19.90 -0.98 0.00	21.04 -1.06 0.00	7.20 -0.76 6.89	-21.97 -0.85 38.75	-11.76 -0.52 22.34	0.84 -0.50 9.48	-22.68 -0.93 41.75	-16.06 -1.03 37.35	10.90 -0.93 8.74	25.30 -1.18 0.00	37.83 -1.72 0.00	37.11 -1.69 0.00	37.85 -1.64 0.00	26.81 -1.22 0.00
SENECA___115KV_TB3 355854	12.34 -1.99 9.39	12.31 -1.48 2.84	12.37 -1.93 8.15	15.18 -1.70 2.01	17.93 -1.88 0.85	13.34 -2.11 7.57	11.59 -1.45 2.26	4.46 -1.27 8.42	7.68 -1.52 8.52	13.19 -1.45 1.91	16.20 -1.82 2.86	17.25 -1.87 2.98	9.63 -1.42 3.80	-0.52 -0.14 17.00	-0.06 -0.72 10.44	2.12 -0.79 7.92	0.27 -1.42 18.31	4.33 -1.66 16.32	9.70 -1.71 9.17	20.01 -2.28 4.19	34.20 -3.25 2.11	30.90 -2.98 4.92	37.09 -2.41 0.00	26.16 -1.87 0.00
SENECA___ENERGY 23797	24.79 -1.14 -2.21	16.48 -0.81 -0.67	23.28 -1.07 -1.89	18.43 -0.93 -0.47	19.83 -1.04 -0.20	23.63 -1.15 -1.76	15.04 -0.78 -0.53	15.42 -0.71 -1.97	18.87 -0.84 -2.00	16.19 -0.81 -0.45	20.44 -1.04 -0.60	21.45 -1.14 -0.49	8.87 -0.86 5.12	-11.53 -0.89 28.25	-5.59 -0.55 16.14	4.26 -0.53 6.04	-11.44 -1.00 30.45	-6.04 -1.12 27.25	14.50 -0.96 5.11	26.18 -1.28 -0.98	38.16 -1.84 -0.44	37.73 -1.78 -0.71	37.83 -1.66 0.00	26.79 -1.24 0.00
SHOEMAKER___GT 23640	24.40 0.68 0.00	17.14 0.50 0.00	23.16 0.71 0.00	19.47 0.57 0.00	21.22 0.55 0.00	23.62 0.60 0.00	15.70 0.40 0.00	14.53 0.37 0.00	18.15 0.43 0.00	16.95 0.40 0.00	21.47 0.59 0.00	22.72 0.62 0.00	14.66 0.45 0.64	14.56 0.53 3.59	9.37 0.34 2.07	10.28 0.33 0.88	16.70 0.56 3.87	19.48 0.63 3.46	20.38 0.61 0.81	27.24 0.76 0.00	40.66 1.10 0.00	39.76 0.96 0.00	40.44 0.95 0.00	28.72 0.69 0.00
SHOEMAKR_138KV_BK 111 55601	24.40 0.68 0.00	17.14 0.50 0.00	23.16 0.70 0.00	19.46 0.57 0.00	21.22 0.55 0.00	23.62 0.60 0.00	15.70 0.40 0.00	14.53 0.37 0.00	18.15 0.43 0.00	16.96 0.40 0.00	21.48 0.60 0.00	22.74 0.64 0.00	14.67 0.46 0.64	14.55 0.54 3.61	9.37 0.35 2.08	10.29 0.35 0.88	16.70 0.58 3.89	19.49 0.65 3.48	20.38 0.62 0.81	27.24 0.77 0.00	40.67 1.11 0.00	39.76 0.96 0.00	40.42 0.93 0.00	28.71 0.68 0.00
SHOREHAM_IC_1 23715	12.06 1.64 13.30	14.60 1.03 3.07	23.95 1.49 0.00	19.09 1.20 1.00	21.81 1.14 0.00	24.28 1.26 0.00	16.09 0.79 0.00	14.83 0.67 0.00	18.49 0.77 0.00	17.30 0.74 0.00	18.25 1.27 3.90	20.29 1.26 3.06	12.11 0.95 3.68	15.24 1.00 3.38	9.72 0.54 1.91	10.42 0.64 1.05	17.22 1.06 3.84	20.40 1.28 3.20	20.99 1.16 0.75	27.89 1.42 0.00	41.74 2.18 0.00	40.72 1.92 0.00	41.48 1.99 0.00	29.42 1.39 0.00
SHOREHAM_IC_2 23716	12.07 1.64 13.30	14.60 1.04 3.07	23.95 1.50 0.00	19.08 1.20 1.00	21.81 1.14 0.00	24.29 1.27 0.00	16.09 0.79 0.00	14.83 0.66 0.00	18.49 0.77 0.00	17.30 0.74 0.00	18.25 1.27 3.90	20.30 1.26 3.06	12.10 0.94 3.68	15.24 0.99 3.38	9.73 0.54 1.91	10.42 0.64 1.05	17.23 1.07 3.84	20.39 1.27 3.20	20.99 1.16 0.75	27.90 1.42 0.00	41.74 2.19 0.00	40.72 1.92 0.00	41.49 2.00 0.00	29.42 1.39 0.00
SISSONVILLE___ 23735	23.63 -0.10 0.00	16.40 -0.23 0.00	21.97 -0.49 0.00	18.50 -0.39 0.00	20.30 -0.37 0.00	22.67 -0.35 0.00	15.26 -0.03 0.00	14.14 -0.03 0.00	17.72 0.00 0.00	16.61 0.05 0.00	20.90 0.02 0.00	22.09 -0.01 0.00	13.73 -0.03 1.08	11.35 -0.19 6.08	7.45 -0.14 3.51	9.19 -0.14 1.49	13.30 -0.15 6.55	16.44 -0.02 5.86	19.12 -0.08 1.37	26.49 0.01 0.00	39.43 -0.13 0.00	39.00 0.20 0.00	39.64 0.15 0.00	28.03 0.00 0.00
SITHE_IND_GS1 24169	22.51 -1.22 0.00	15.77 -0.86 0.00	21.33 -1.12 0.00	17.93 -0.97 0.00	19.60 -1.07 0.00	21.82 -1.20 0.00	14.48 -0.82 0.00	13.42 -0.75 0.00	16.81 -0.92 0.00	15.69 -0.86 0.00	19.78 -1.10 0.00	20.93 -1.17 0.00	4.71 -0.83 9.31	-35.67 -0.91 52.38	-19.67 -0.57 30.20	-2.55 -0.56 12.82	-37.47 -1.03 56.45	-29.34 -1.16 50.50	7.70 -1.06 11.81	25.11 -1.37 0.00	37.56 -2.00 0.00	36.85 -1.95 0.00	37.59 -1.91 0.00	26.64 -1.39 0.00
SITHE_IND_GS2 24170	22.51 -1.22 0.00	15.77 -0.86 0.00	21.33 -1.12 0.00	17.93 -0.97 0.00	19.60 -1.07 0.00	21.82 -1.20 0.00	14.48 -0.82 0.00	13.42 -0.75 0.00	16.81 -0.92 0.00	15.69 -0.86 0.00	19.78 -1.10 0.00	20.93 -1.17 0.00	4.71 -0.83 9.31	-35.67 -0.91 52.38	-19.67 -0.57 30.20	-2.55 -0.56 12.82	-37.47 -1.03 56.45	-29.34 -1.16 50.50	7.70 -1.06 11.81	25.11 -1.37 0.00	37.56 -2.00 0.00	36.85 -1.95 0.00	37.59 -1.91 0.00	26.64 -1.39 0.00
SITHE_IND_GS3 24171	22.51 -1.22 0.00	15.77 -0.86 0.00	21.33 -1.12 0.00	17.93 -0.97 0.00	19.60 -1.07 0.00	21.82 -1.20 0.00	14.48 -0.82 0.00	13.42 -0.75 0.00	16.81 -0.92 0.00	15.69 -0.86 0.00	19.78 -1.10 0.00	20.93 -1.17 0.00	4.71 -0.83 9.31	-35.67 -0.91 52.38	-19.67 -0.57 30.20	-2.55 -0.56 12.82	-37.47 -1.03 56.45	-29.34 -1.16 50.50	7.70 -1.06 11.81	25.11 -1.37 0.00	37.56 -2.00 0.00	36.85 -1.95 0.00	37.59 -1.91 0.00	26.64 -1.39 0.00
SITHE_IND_GS4 24172	22.51 -1.22 0.00	15.77 -0.86 0.00	21.33 -1.12 0.00	17.93 -0.97 0.00	19.60 -1.07 0.00	21.82 -1.20 0.00	14.48 -0.82 0.00	13.42 -0.75 0.00	16.81 -0.92 0.00	15.69 -0.86 0.00	19.78 -1.10 0.00	20.93 -1.17 0.00	4.71 -0.83 9.31	-35.67 -0.91 52.38	-19.67 -0.57 30.20	-2.55 -0.56 12.82	-37.47 -1.03 56.45	-29.34 -1.16 50.50	7.70 -1.06 11.81	25.11 -1.37 0.00	37.56 -2.00 0.00	36.85 -1.95 0.00	37.59 -1.91 0.00	26.64 -1.39 0.00

SITHE___BATAVIA 24024	17.43 -1.40 4.90	14.03 -1.12 1.48	16.76 -1.43 4.26	16.53 -1.31 1.05	18.75 -1.47 0.45	17.49 -1.57 3.96	13.04 -1.08 1.18	8.83 -0.93 4.40	12.17 -1.10 4.45	14.46 -1.10 1.00	17.91 -1.44 1.53	18.98 -1.47 1.65	10.18 -1.20 3.47	0.15 -0.97 16.50	0.66 -0.59 9.85	4.17 -0.65 6.00	1.18 -1.04 17.78	5.26 -1.17 15.88	12.88 -1.20 6.51	22.54 -1.75 2.19	35.81 -2.40 1.35	33.44 -2.21 3.15	37.53 -1.70 0.26	26.49 -1.43 0.11
SITHE___INDEPEND 23800	22.51 -1.22 0.00	15.77 -0.86 0.00	21.32 -1.13 0.00	17.92 -0.97 0.00	19.60 -1.07 0.00	21.82 -1.20 0.00	14.48 -0.82 0.00	13.42 -0.75 0.00	16.81 -0.92 0.00	15.69 -0.87 0.00	19.78 -1.10 0.00	20.93 -1.17 0.00	4.71 -0.83 9.31	-35.67 -0.90 52.38	-19.67 -0.57 30.20	-2.55 -0.55 12.82	-37.47 -1.03 56.45	-29.33 -1.15 50.50	7.69 -1.07 11.81	25.11 -1.37 0.00	37.55 -2.01 0.00	36.85 -1.95 0.00	37.58 -1.91 0.00	26.64 -1.39 0.00
SITHE___MASSENA 23902	24.00 0.27 0.00	16.68 0.04 0.00	22.36 -0.09 0.00	18.84 -0.05 0.00	20.67 0.00 0.00	23.06 0.04 0.00	15.50 0.20 0.00	14.35 0.19 0.00	18.01 0.29 0.00	16.88 0.33 0.00	21.26 0.38 0.00	22.50 0.40 0.00	14.55 0.26 0.55	14.71 0.21 3.11	9.42 0.11 1.79	10.16 0.10 0.76	16.90 0.25 3.35	19.68 0.35 3.00	20.13 0.26 0.70	26.86 0.38 0.00	39.97 0.41 0.00	39.49 0.69 0.00	40.20 0.71 0.00	28.48 0.45 0.00
SITHE___OGDNSBRG 24021	24.24 0.51 0.00	16.82 0.18 0.00	22.52 0.07 0.00	18.98 0.08 0.00	20.84 0.16 0.00	23.27 0.25 0.00	15.66 0.37 0.00	14.48 0.32 0.00	18.11 0.39 0.00	16.94 0.39 0.00	21.30 0.42 0.00	22.53 0.43 0.00	14.26 0.29 0.88	12.87 0.17 4.93	8.35 0.09 2.84	9.71 0.09 1.21	15.00 0.31 5.31	18.09 0.52 4.75	19.88 0.42 1.11	27.17 0.69 0.00	40.49 0.93 0.00	40.03 1.23 0.00	40.69 1.20 0.00	28.78 0.75 0.00
SITHE___STERLING 23777	23.86 0.14 0.00	16.72 0.09 0.00	22.62 0.16 0.00	19.01 0.12 0.00	20.77 0.10 0.00	23.15 0.12 0.00	15.37 0.07 0.00	14.24 0.08 0.00	17.83 0.10 0.00	16.62 0.07 0.00	20.95 0.05 -0.03	22.23 0.04 -0.09	11.81 -0.03 3.01	-0.05 -0.07 17.60	0.90 -0.06 10.15	6.48 -0.04 4.31	0.96 -0.08 18.97	5.35 0.00 16.97	16.71 0.11 3.97	26.69 0.21 0.00	39.98 0.40 -0.03	39.34 0.35 -0.20	39.80 0.30 0.00	28.17 0.15 0.00
SLEIGHT__34_KV_TB1 80719	22.38 -1.35 0.00	15.66 -0.97 0.00	21.15 -1.30 0.00	17.78 -1.12 0.00	19.44 -1.23 0.00	21.62 -1.40 0.00	14.37 -0.92 0.00	13.32 -0.84 0.00	16.74 -0.98 0.00	15.62 -0.94 0.00	19.63 -1.20 0.05	20.67 -1.29 0.14	10.13 -0.98 3.74	-3.28 -0.96 19.94	-0.99 -0.60 11.50	5.36 -0.59 4.88	-2.54 -1.05 21.49	1.90 -1.19 19.22	14.95 -1.13 4.50	25.01 -1.47 0.00	37.46 -2.05 0.04	36.51 -1.97 0.32	37.68 -1.82 0.00	26.62 -1.41 0.00
SMITHTWN_69_KV_BK 1 55830	12.71 1.59 12.61	14.72 0.99 2.91	23.87 1.42 0.00	19.09 1.15 0.95	21.78 1.11 0.00	24.25 1.23 0.00	16.06 0.77 0.00	14.82 0.66 0.00	18.48 0.76 0.00	17.32 0.76 0.00	18.51 1.32 3.69	20.52 1.33 2.90	12.32 1.00 3.52	15.31 1.06 3.37	9.76 0.58 1.91	10.46 0.67 1.03	17.29 1.11 3.83	20.38 1.26 3.20	20.96 1.14 0.75	27.87 1.39 0.00	41.69 2.13 0.00	40.64 1.84 0.00	41.40 1.91 0.00	29.39 1.36 0.00
SOUTH CAIRO___GT 23612	24.62 0.89 0.00	17.29 0.66 0.00	23.40 0.95 0.00	19.68 0.79 0.00	21.50 0.83 0.00	23.94 0.92 0.00	15.88 0.59 0.00	14.70 0.54 0.00	18.31 0.59 0.00	17.00 0.45 0.00	21.40 0.53 0.00	22.60 0.51 0.00	14.71 0.32 0.46	15.35 0.32 2.59	9.81 0.21 1.49	10.42 0.23 0.63	17.80 0.58 2.79	20.52 0.69 2.50	20.67 0.67 0.58	27.40 0.92 0.00	41.16 1.60 0.00	40.31 1.51 0.00	40.87 1.39 0.00	28.97 0.94 0.00
SOUTH HAMPTN___IC 23720	12.08 1.85 13.50	14.74 1.22 3.12	24.24 1.79 0.00	19.27 1.40 1.02	21.97 1.31 0.00	24.46 1.44 0.00	16.20 0.90 0.00	14.89 0.73 0.00	18.63 0.91 0.00	17.41 0.85 0.00	18.32 1.40 3.95	20.31 1.32 3.11	12.10 0.99 3.73	15.30 1.06 3.38	9.76 0.57 1.91	10.46 0.69 1.05	17.32 1.16 3.84	20.49 1.37 3.20	21.11 1.28 0.75	28.12 1.64 0.00	42.10 2.54 0.00	41.13 2.33 0.00	41.91 2.42 0.00	29.61 1.58 0.00
SOUTHDOW_115KV_TB1 355954	17.67 -1.54 4.51	14.14 -1.13 1.37	17.14 -1.40 3.92	16.62 -1.31 0.97	18.80 -1.47 0.41	17.82 -1.57 3.64	13.11 -1.10 1.09	9.18 -0.94 4.05	12.61 -1.03 4.09	14.65 -0.99 0.92	18.15 -1.25 1.48	19.06 -1.30 1.75	10.01 -1.02 3.82	-0.10 -0.75 16.97	0.48 -0.53 10.09	4.28 -0.58 5.96	0.65 -1.07 18.29	4.73 -1.26 16.33	12.96 -1.23 6.39	22.88 -1.59 2.01	36.37 -2.08 1.11	34.00 -1.72 3.07	38.26 -1.23 0.00	27.00 -1.03 0.00
SOUTHOLD_69_KV_BK 2 55809	12.18 1.94 13.49	14.84 1.32 3.11	24.45 1.99 0.00	19.39 1.52 1.02	22.04 1.37 0.00	24.54 1.52 0.00	16.23 0.93 0.00	14.88 0.72 0.00	18.68 0.96 0.00	17.43 0.88 0.00	18.32 1.40 3.95	20.23 1.23 3.11	12.04 0.92 3.73	15.24 0.99 3.38	9.71 0.52 1.91	10.43 0.65 1.05	17.27 1.11 3.84	20.41 1.29 3.20	21.05 1.22 0.75	28.14 1.66 0.00	42.14 2.58 0.00	41.27 2.48 0.00	42.09 2.60 0.00	29.63 1.60 0.00
SOUTHOLD___IC 23719	12.17 1.94 13.49	14.84 1.32 3.11	24.44 1.99 0.00	19.39 1.51 1.02	22.04 1.37 0.00	24.53 1.51 0.00	16.23 0.93 0.00	14.88 0.72 0.00	18.68 0.96 0.00	17.43 0.87 0.00	18.32 1.40 3.95	20.22 1.23 3.11	12.05 0.93 3.73	15.24 1.00 3.38	9.71 0.52 1.91	10.43 0.65 1.05	17.26 1.10 3.84	20.42 1.29 3.20	21.05 1.22 0.75	28.14 1.66 0.00	42.14 2.58 0.00	41.27 2.48 0.00	42.09 2.60 0.00	29.62 1.60 0.00
SOUTH_FORK_WT_PWR 323839	12.04 1.81 13.49	14.80 1.28 3.11	24.45 1.99 0.00	19.34 1.47 1.02	21.93 1.26 0.00	24.40 1.38 0.00	16.13 0.84 0.00	14.75 0.59 0.00	18.55 0.83 0.00	17.29 0.74 0.00	18.13 1.20 3.95	19.96 0.97 3.11	11.86 0.74 3.73	15.03 0.79 3.38	9.58 0.39 1.91	10.30 0.53 1.05	17.00 0.84 3.84	20.11 0.99 3.20	20.77 0.95 0.75	27.85 1.37 0.00	41.72 2.17 0.00	40.99 2.19 0.00	41.83 2.34 0.00	29.38 1.35 0.00
SPIERFLS_115KV_TB 1 80737	24.61 0.89 0.00	17.26 0.62 0.00	23.38 0.93 0.00	19.66 0.76 0.00	21.48 0.81 0.00	23.93 0.90 0.00	15.79 0.50 0.00	14.60 0.44 0.00	18.21 0.49 0.00	16.99 0.43 0.00	21.29 0.41 0.00	22.55 0.45 0.00	14.77 0.32 0.40	15.72 0.36 2.27	10.02 0.23 1.31	10.52 0.25 0.55	18.13 0.57 2.44	20.78 0.64 2.18	20.77 0.71 0.51	27.39 0.91 0.00	40.96 1.40 0.00	40.11 1.32 0.00	40.68 1.19 0.00	28.85 0.81 0.00
ST LAWRENCE____ 23600	23.74 0.01 0.00	16.57 -0.06 0.00	22.23 -0.23 0.00	18.73 -0.17 0.00	20.54 -0.13 0.00	22.91 -0.11 0.00	15.32 0.03 0.00	14.19 0.03 0.00	17.82 0.09 0.00	16.70 0.14 0.00	21.03 0.15 0.00	22.26 0.16 0.00	14.54 0.10 0.41	15.33 0.04 2.33	9.76 0.01 1.35	10.25 0.00 0.57	17.53 0.05 2.52	20.17 0.10 2.25	20.08 0.03 0.53	26.56 0.08 0.00	39.63 0.07 0.00	39.00 0.21 0.00	39.72 0.23 0.00	28.16 0.13 0.00

STATE_CA_115KV_115_LB 55624	23.85 0.13 0.00	16.79 0.15 0.00	22.73 0.27 0.00	19.13 0.24 0.00	20.89 0.21 0.00	23.24 0.22 0.00	15.41 0.11 0.00	14.25 0.09 0.00	17.80 0.07 0.00	16.56 0.01 0.00	20.91 0.03 0.00	22.14 0.04 0.00	14.51 0.07 0.41	15.35 0.06 2.33	9.81 0.05 1.34	10.32 0.06 0.57	17.63 0.13 2.51	20.19 0.11 2.24	20.11 0.06 0.52	26.53 0.05 0.00	39.63 0.08 0.00	38.83 0.03 0.00	39.45 -0.04 0.00	28.07 0.04 0.00
STATE_ST_34_KV_LOAD 55959	23.01 -0.71 0.00	16.13 -0.50 0.00	21.81 -0.65 0.00	18.32 -0.58 0.00	20.03 -0.64 0.00	22.31 -0.71 0.00	14.81 -0.49 0.00	13.70 -0.46 0.00	17.20 -0.53 0.00	16.04 -0.52 0.00	20.27 -0.66 -0.05	21.53 -0.74 -0.17	9.06 -0.61 5.17	-13.39 -0.65 30.36	-6.77 -0.36 17.50	3.05 -0.35 7.43	-13.42 -0.71 32.72	-7.75 -0.80 29.27	13.11 -0.61 6.85	25.63 -0.85 0.00	38.51 -1.10 -0.05	38.10 -1.07 -0.37	38.40 -1.10 0.00	27.20 -0.83 0.00
STATION_5_MISC_HYD 23604	22.27 -1.45 0.00	15.57 -1.07 0.00	21.03 -1.42 0.00	17.67 -1.23 0.00	19.31 -1.36 0.00	21.48 -1.54 0.00	14.26 -1.03 0.00	13.23 -0.93 0.00	16.63 -1.09 0.00	15.52 -1.04 0.00	19.47 -1.32 0.09	20.46 -1.38 0.27	10.61 -1.05 3.19	0.74 -0.93 15.94	1.33 -0.57 9.19	6.32 -0.60 3.90	1.75 -1.07 17.18	5.72 -1.23 15.37	15.76 -1.22 3.60	24.87 -1.61 0.00	37.06 -2.27 0.22	35.82 -2.15 0.83	37.46 -1.86 0.17	26.49 -1.47 0.07
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	22.42 -1.30 0.00	15.69 -0.95 0.00	21.20 -1.26 0.00	17.81 -1.09 0.00	19.48 -1.20 0.00	21.67 -1.36 0.00	14.39 -0.91 0.00	13.35 -0.81 0.00	16.76 -0.96 0.00	15.64 -0.91 0.00	19.61 -1.18 0.10	20.55 -1.26 0.29	10.02 -0.95 3.87	-2.85 -0.90 19.57	-0.74 -0.56 11.28	5.48 -0.56 4.79	-2.09 -1.01 21.09	2.32 -1.13 18.87	15.08 -1.08 4.41	25.06 -1.42 0.00	37.44 -2.03 0.09	36.22 -1.93 0.65	37.77 -1.72 0.00	26.70 -1.33 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	22.17 -1.56 0.00	15.50 -1.13 0.00	20.94 -1.51 0.00	17.60 -1.30 0.00	19.24 -1.43 0.00	21.39 -1.63 0.00	14.21 -1.09 0.00	13.18 -0.98 0.00	16.56 -1.17 0.00	15.46 -1.09 0.00	19.40 -1.40 0.09	20.39 -1.45 0.26	10.52 -1.09 3.24	0.37 -1.00 16.24	1.11 -0.62 9.37	6.21 -0.64 3.98	1.37 -1.13 17.50	5.36 -1.30 15.66	15.61 -1.30 3.66	24.78 -1.70 0.00	37.07 -2.41 0.08	35.93 -2.29 0.58	37.46 -2.03 0.00	26.45 -1.58 0.00
STA_56___34_KV_BUS2 355983	22.17 -1.56 0.00	15.50 -1.13 0.00	20.94 -1.51 0.00	17.60 -1.30 0.00	19.24 -1.43 0.00	21.39 -1.63 0.00	14.21 -1.09 0.00	13.18 -0.98 0.00	16.56 -1.17 0.00	15.46 -1.09 0.00	19.40 -1.40 0.09	20.39 -1.45 0.26	10.52 -1.09 3.24	0.37 -1.00 16.24	1.11 -0.62 9.37	6.21 -0.64 3.98	1.37 -1.13 17.50	5.36 -1.30 15.66	15.61 -1.30 3.66	24.78 -1.70 0.00	37.07 -2.41 0.08	35.93 -2.29 0.58	37.46 -2.03 0.00	26.45 -1.58 0.00
STA_67___115KV_BK2 355882	22.21 -1.51 0.00	15.53 -1.11 0.00	20.98 -1.47 0.00	17.63 -1.26 0.00	19.27 -1.40 0.00	21.42 -1.60 0.00	14.23 -1.07 0.00	13.20 -0.97 0.00	16.58 -1.15 0.00	15.47 -1.08 0.00	19.42 -1.38 0.09	20.40 -1.43 0.27	10.58 -1.08 3.18	0.75 -0.96 15.90	1.33 -0.60 9.17	6.31 -0.62 3.89	1.77 -1.11 17.14	5.71 -1.28 15.33	15.71 -1.28 3.59	24.80 -1.68 0.00	37.11 -2.37 0.08	35.97 -2.24 0.59	37.54 -1.95 0.00	26.51 -1.52 0.00
STA_7___115KV_9TRANS 80674	22.36 -1.37 0.00	15.63 -1.01 0.00	21.10 -1.35 0.00	17.73 -1.17 0.00	19.38 -1.29 0.00	21.55 -1.47 0.00	14.31 -0.98 0.00	13.28 -0.88 0.00	16.69 -1.03 0.00	15.58 -0.97 0.00	19.55 -1.24 0.09	20.55 -1.29 0.27	10.67 -0.99 3.19	0.82 -0.85 15.94	1.38 -0.53 9.19	6.37 -0.55 3.90	1.85 -0.97 17.18	5.83 -1.12 15.37	15.84 -1.14 3.60	24.99 -1.49 0.00	37.39 -2.09 0.08	36.24 -1.97 0.59	37.81 -1.68 0.00	26.68 -1.35 0.00
STA_82___115KV_TB1 80780	22.21 -1.51 0.00	15.53 -1.10 0.00	20.99 -1.47 0.00	17.63 -1.26 0.00	19.28 -1.39 0.00	21.43 -1.59 0.00	14.23 -1.06 0.00	13.20 -0.96 0.00	16.58 -1.14 0.00	15.48 -1.08 0.00	19.42 -1.37 0.09	20.40 -1.43 0.27	10.54 -1.08 3.23	0.52 -0.96 16.13	1.20 -0.60 9.30	6.25 -0.62 3.95	1.52 -1.10 17.38	5.50 -1.27 15.55	15.66 -1.28 3.64	24.81 -1.66 0.00	37.11 -2.36 0.08	35.97 -2.23 0.59	37.55 -1.94 0.00	26.52 -1.51 0.00
STEEL___WIND 323596	12.33 -2.01 9.39	12.29 -1.50 2.84	12.34 -1.95 8.15	15.16 -1.73 2.01	17.90 -1.91 0.85	13.33 -2.12 7.57	11.57 -1.47 2.26	4.45 -1.29 8.42	7.67 -1.53 8.52	13.18 -1.46 1.91	16.18 -1.83 2.86	17.22 -1.90 2.98	9.60 -1.44 3.80	-0.56 -1.18 17.00	-0.07 -0.74 10.44	2.09 -0.82 7.92	0.22 -1.47 18.31	4.27 -1.71 16.34	9.69 -1.72 9.17	19.97 -2.31 4.19	33.83 -3.28 2.45	30.30 -3.01 5.49	36.65 -2.44 0.41	25.95 -1.90 0.18
STEPHTWN_115KV_BK_2 55603	24.04 0.32 0.00	16.91 0.27 0.00	22.92 0.46 0.00	19.25 0.36 0.00	21.02 0.36 0.00	23.39 0.37 0.00	15.53 0.23 0.00	14.36 0.20 0.00	17.93 0.21 0.00	16.69 0.13 0.00	21.09 0.21 0.00	22.32 0.23 0.00	14.60 0.17 0.42	15.47 0.19 2.35	9.89 0.14 1.35	10.42 0.17 0.57	17.78 0.31 2.53	20.37 0.31 2.26	20.33 0.29 0.53	26.81 0.33 0.00	40.03 0.48 0.00	39.16 0.37 0.00	39.76 0.26 0.00	28.26 0.23 0.00
STEBEN_REC_LFGE 323667	43.10 -1.89 -21.26	21.60 -1.45 -6.42	38.77 -2.02 -18.34	21.63 -1.78 -4.52	20.70 -1.89 -1.92	37.97 -2.08 -17.03	18.99 -1.41 -5.11	31.95 -1.19 -18.99	35.46 -1.51 -19.25	19.46 -1.42 -4.32	24.63 -1.85 -5.61	24.18 -2.02 -4.10	8.48 -1.47 4.90	-1.55 -1.59 17.58	1.39 -1.01 8.70	13.95 -1.02 -4.15	-0.90 -1.95 18.95	3.19 -2.07 17.07	27.05 -1.66 -8.14	33.80 -2.14 -9.46	40.26 -3.30 -4.00	41.32 -2.83 -5.36	37.21 -2.28 0.00	26.28 -1.75 0.00
STILLWATER___SOLAR 323814	24.41 0.69 0.00	17.15 0.51 0.00	23.24 0.78 0.00	19.55 0.65 0.00	21.35 0.68 0.00	23.77 0.75 0.00	15.74 0.44 0.00	14.54 0.38 0.00	18.13 0.41 0.00	16.91 0.35 0.00	21.23 0.35 0.00	22.49 0.39 0.00	14.74 0.29 0.40	15.68 0.33 2.26	10.01 0.21 1.30	10.50 0.23 0.55	18.07 0.50 2.44	20.70 0.56 2.18	20.64 0.57 0.51	27.22 0.73 0.00	40.69 1.13 0.00	39.86 1.07 0.00	40.47 0.98 0.00	28.72 0.69 0.00
STONY___BROOK 24151	12.44 1.57 12.86	14.65 0.98 2.97	23.86 1.41 0.00	19.07 1.14 0.97	21.77 1.10 0.00	24.24 1.22 0.00	16.06 0.76 0.00	14.80 0.64 0.00	18.47 0.75 0.00	17.30 0.75 0.00	18.41 1.30 3.77	20.44 1.30 2.96	12.26 0.99 3.58	15.29 1.05 3.38	9.75 0.56 1.91	10.43 0.65 1.04	17.24 1.07 3.83	20.36 1.24 3.20	20.94 1.12 0.75	27.84 1.36 0.00	41.64 2.08 0.00	40.61 1.81 0.00	41.37 1.88 0.00	29.37 1.35 0.00
STURGEON_POOL_HYD 23609	24.80 1.08 0.00	17.41 0.78 0.00	23.54 1.08 0.00	19.78 0.88 0.00	21.55 0.88 0.00	23.97 0.95 0.00	15.94 0.64 0.00	14.75 0.59 0.00	18.45 0.72 0.00	17.26 0.71 0.00	21.90 1.02 0.00	23.17 1.07 0.00	15.04 0.76 0.58	15.29 0.91 3.24	9.82 0.59 1.87	10.62 0.59 0.79	17.53 1.02 3.49	20.31 1.11 3.13	20.90 1.06 0.73	27.78 1.30 0.00	41.43 1.87 0.00	40.43 1.63 0.00	41.08 1.59 0.00	29.17 1.14 0.00

ST_LAW_115_BK7_LBMP 345037	23.74 0.01 0.00	16.56 -0.07 0.00	22.20 -0.25 0.00	18.71 -0.18 0.00	20.53 -0.14 0.00	22.90 -0.12 0.00	15.33 0.04 0.00	14.20 0.04 0.00	17.82 0.09 0.00	16.70 0.15 0.00	21.04 0.16 0.00	22.27 0.17 0.00	14.51 0.11 0.44	15.16 0.03 2.49	9.67 0.01 1.44	10.21 0.00 0.61	17.37 0.05 2.69	20.02 0.11 2.41	20.05 0.03 0.56	26.57 0.09 0.00	39.64 0.08 0.00	39.03 0.23 0.00	39.74 0.25 0.00	28.16 0.14 0.00
ST_LAW_115_BK8_LBMP 345038	23.74 0.01 0.00	16.56 -0.07 0.00	22.20 -0.25 0.00	18.71 -0.18 0.00	20.53 -0.14 0.00	22.90 -0.12 0.00	15.33 0.04 0.00	14.20 0.04 0.00	17.82 0.09 0.00	16.70 0.15 0.00	21.04 0.16 0.00	22.27 0.17 0.00	14.51 0.11 0.44	15.16 0.03 2.49	9.67 0.01 1.44	10.21 0.00 0.61	17.37 0.05 2.69	20.02 0.11 2.41	20.05 0.03 0.56	26.57 0.09 0.00	39.64 0.08 0.00	39.03 0.23 0.00	39.74 0.25 0.00	28.16 0.14 0.00
ST_LAW_230_BK5_LBMP 345035	23.74 0.01 0.00	16.57 -0.06 0.00	22.23 -0.23 0.00	18.73 -0.17 0.00	20.54 -0.13 0.00	22.91 -0.11 0.00	15.32 0.03 0.00	14.19 0.03 0.00	17.82 0.09 0.00	16.70 0.14 0.00	21.03 0.15 0.00	22.26 0.16 0.00	14.57 0.10 0.38	15.53 0.04 2.13	9.88 0.01 1.23	10.30 0.00 0.52	17.76 0.05 2.29	20.37 0.10 2.05	20.13 0.03 0.48	26.56 0.08 0.00	39.63 0.07 0.00	39.00 0.21 0.00	39.72 0.23 0.00	28.16 0.13 0.00
ST_LAW_230_BK6_LBMP 345036	23.74 0.01 0.00	16.57 -0.06 0.00	22.23 -0.23 0.00	18.73 -0.17 0.00	20.54 -0.13 0.00	22.91 -0.11 0.00	15.32 0.03 0.00	14.19 0.03 0.00	17.82 0.09 0.00	16.70 0.14 0.00	21.03 0.15 0.00	22.26 0.16 0.00	14.57 0.10 0.38	15.53 0.04 2.13	9.88 0.01 1.23	10.30 0.00 0.52	17.76 0.05 2.29	20.37 0.10 2.05	20.13 0.03 0.48	26.56 0.08 0.00	39.63 0.07 0.00	39.00 0.21 0.00	39.72 0.23 0.00	28.16 0.13 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	24.52 0.79 0.00	17.22 0.58 0.00	23.27 0.81 0.00	19.55 0.66 0.00	21.31 0.64 0.00	23.72 0.70 0.00	15.77 0.47 0.00	14.59 0.43 0.00	18.24 0.52 0.00	17.06 0.51 0.00	21.61 0.74 0.00	22.88 0.78 0.00	14.78 0.56 0.63	14.76 0.66 3.53	9.50 0.44 2.03	10.39 0.43 0.86	16.94 0.74 3.80	19.73 0.81 3.40	20.55 0.77 0.79	27.41 0.93 0.00	40.89 1.33 0.00	39.92 1.13 0.00	40.58 1.09 0.00	28.83 0.80 0.00
SWANROAD_115KV_TB1 355699	13.77 -2.42 7.54	12.48 -1.87 2.28	13.53 -2.37 6.55	15.11 -2.17 1.62	17.57 -2.42 0.69	14.37 -2.57 6.08	11.69 -1.79 1.81	5.83 -1.57 6.77	9.00 -1.88 6.84	13.15 -1.87 1.53	16.22 -2.35 2.31	17.33 -2.35 2.42	9.43 -1.80 3.61	-0.46 -1.48 16.60	0.10 -0.91 10.09	2.76 -0.99 7.08	0.35 -1.77 17.89	4.32 -2.04 15.96	10.44 -2.11 8.03	20.05 -3.07 3.37	33.34 -4.51 1.70	30.57 -4.21 4.01	35.98 -3.51 0.00	25.37 -2.66 0.00
SYNERGY___BIOGAS 323694	17.40 -1.43 4.90	14.02 -1.13 1.48	16.75 -1.45 4.26	16.52 -1.32 1.05	18.75 -1.48 0.45	17.47 -1.60 3.96	13.03 -1.09 1.18	8.82 -0.94 4.40	12.15 -1.12 4.45	14.45 -1.11 1.00	17.89 -1.46 1.53	18.97 -1.48 1.65	10.18 -1.20 3.47	0.15 -0.97 16.50	0.66 -0.59 9.85	4.17 -0.65 6.00	1.19 -1.04 17.78	5.27 -1.17 15.88	12.85 -1.22 6.51	22.54 -1.75 2.19	36.00 -2.42 1.13	33.79 -2.22 2.79	37.77 -1.72 0.00	26.60 -1.43 0.00
SYRACUSE___ENERGY_ST1 323597	22.96 -0.76 0.00	16.10 -0.54 0.00	21.76 -0.69 0.00	18.28 -0.62 0.00	19.98 -0.69 0.00	22.25 -0.77 0.00	14.77 -0.53 0.00	13.69 -0.47 0.00	17.16 -0.57 0.00	16.01 -0.55 0.00	20.19 -0.69 0.00	21.34 -0.76 0.00	8.16 -0.56 6.12	-17.42 -0.60 34.44	-9.12 -0.36 19.86	2.04 -0.35 8.43	-17.78 -0.67 37.11	-11.64 -0.76 33.20	12.14 -0.67 7.77	25.62 -0.86 0.00	38.34 -1.22 0.00	37.60 -1.20 0.00	38.36 -1.13 0.00	27.17 -0.86 0.00
SYRACUSE___ENERGY_ST2 323598	22.96 -0.76 0.00	16.10 -0.54 0.00	21.76 -0.69 0.00	18.28 -0.62 0.00	19.98 -0.69 0.00	22.25 -0.77 0.00	14.77 -0.53 0.00	13.69 -0.47 0.00	17.16 -0.57 0.00	16.01 -0.55 0.00	20.19 -0.69 0.00	21.34 -0.76 0.00	8.16 -0.56 6.12	-17.42 -0.60 34.44	-9.12 -0.36 19.86	2.04 -0.35 8.43	-17.78 -0.67 37.11	-11.64 -0.76 33.20	12.14 -0.67 7.77	25.62 -0.86 0.00	38.34 -1.22 0.00	37.60 -1.20 0.00	38.36 -1.13 0.00	27.17 -0.86 0.00
SYRACUSE___POWER 24017	23.06 -0.67 0.00	16.16 -0.47 0.00	21.87 -0.59 0.00	18.37 -0.52 0.00	20.07 -0.60 0.00	22.35 -0.67 0.00	14.83 -0.47 0.00	13.75 -0.41 0.00	17.23 -0.50 0.00	16.07 -0.48 0.00	20.30 -0.62 -0.04	21.56 -0.67 -0.14	8.74 -0.50 5.60	-15.47 -0.52 32.58	-8.00 -0.32 18.78	2.54 -0.31 7.97	-15.69 -0.60 35.10	-9.75 -0.67 31.40	12.62 -0.60 7.35	25.72 -0.76 0.00	38.50 -1.10 -0.04	38.04 -1.07 -0.31	38.52 -0.97 0.00	27.30 -0.73 0.00
TALLMAN__138KV_BK151 55660	24.65 0.92 0.00	17.30 0.67 0.00	23.40 0.94 0.00	19.67 0.77 0.00	21.42 0.75 0.00	23.84 0.82 0.00	15.85 0.55 0.00	14.66 0.50 0.00	18.35 0.62 0.00	17.17 0.62 0.00	21.77 0.89 0.00	23.04 0.94 0.00	14.91 0.67 0.61	14.98 0.80 3.44	9.63 0.52 1.98	10.50 0.52 0.84	17.19 0.89 3.71	19.98 0.97 3.31	20.71 0.91 0.78	27.58 1.11 0.00	41.14 1.58 0.00	40.14 1.35 0.00	40.80 1.31 0.00	28.97 0.94 0.00
TEALLAVE_115KV_TB7 355573	22.96 -0.76 0.00	16.10 -0.54 0.00	21.77 -0.68 0.00	18.29 -0.60 0.00	19.99 -0.68 0.00	22.26 -0.77 0.00	14.76 -0.53 0.00	13.69 -0.47 0.00	17.15 -0.58 0.00	16.01 -0.55 0.00	20.18 -0.70 0.00	21.34 -0.76 0.00	8.54 -0.56 5.75	-15.33 -0.59 32.37	-7.92 -0.36 18.66	2.55 -0.35 7.92	-15.54 -0.67 34.88	-9.64 -0.76 31.20	12.57 -0.70 7.30	25.59 -0.89 0.00	38.27 -1.29 0.00	37.56 -1.24 0.00	38.36 -1.13 0.00	27.19 -0.84 0.00
TELGRAPH_34_KV_EAST 80808	15.39 -1.94 6.40	13.20 -1.49 1.94	14.97 -1.91 5.57	15.79 -1.74 1.37	18.16 -1.93 0.58	15.77 -2.09 5.17	12.32 -1.44 1.54	7.16 -1.26 5.75	10.41 -1.49 5.81	13.78 -1.48 1.30	17.03 -1.88 1.97	18.11 -1.90 2.09	9.82 -1.48 3.55	-0.16 -1.20 16.58	0.35 -0.75 10.00	3.40 -0.80 6.62	0.74 -1.40 17.86	4.77 -1.61 15.94	11.52 -1.67 7.38	21.24 -2.38 2.86	34.69 -3.42 1.46	32.14 -3.18 3.48	36.90 -2.59 0.00	26.01 -2.02 0.00
TEMPLE___115KV_TB 2 55572	22.97 -0.76 0.00	16.10 -0.54 0.00	21.78 -0.68 0.00	18.30 -0.60 0.00	19.99 -0.68 0.00	22.26 -0.76 0.00	14.76 -0.53 0.00	13.70 -0.47 0.00	17.15 -0.57 0.00	16.01 -0.55 0.00	20.18 -0.70 0.00	21.34 -0.76 0.00	8.50 -0.55 5.79	-15.55 -0.58 32.59	-8.05 -0.35 18.79	2.51 -0.34 7.97	-15.78 -0.66 35.12	-9.85 -0.75 31.42	12.53 -0.69 7.35	25.60 -0.88 0.00	38.27 -1.29 0.00	37.56 -1.24 0.00	38.37 -1.13 0.00	27.19 -0.84 0.00
TIANA____69_KV_BK 1 55817	12.05 1.82 13.49	14.70 1.18 3.11	24.17 1.72 0.00	19.23 1.35 1.02	21.95 1.28 0.00	24.44 1.42 0.00	16.18 0.89 0.00	14.90 0.73 0.00	18.62 0.89 0.00	17.41 0.85 0.00	18.32 1.40 3.95	20.34 1.35 3.11	12.12 1.00 3.73	15.31 1.07 3.38	9.77 0.58 1.91	10.47 0.70 1.05	17.34 1.18 3.84	20.51 1.39 3.20	21.12 1.29 0.75	28.12 1.64 0.00	42.08 2.52 0.00	41.08 2.28 0.00	41.86 2.37 0.00	29.60 1.57 0.00

TILDEN___115KV_TB1 80814	23.06 -0.67 0.00	16.16 -0.47 0.00	21.87 -0.59 0.00	18.37 -0.52 0.00	20.07 -0.60 0.00	22.35 -0.67 0.00	14.83 -0.47 0.00	13.75 -0.41 0.00	17.23 -0.50 0.00	16.07 -0.48 0.00	20.30 -0.62 -0.04	21.56 -0.67 -0.14	8.74 -0.50 5.60	-15.47 -0.52 32.58	-8.00 -0.32 18.78	2.54 -0.31 7.97	-15.69 -0.60 35.10	-9.75 -0.67 31.40	12.62 -0.60 7.35	25.72 -0.76 0.00	38.50 -1.10 -0.04	38.04 -1.07 -0.31	38.52 -0.97 0.00	27.30 -0.73 0.00
TRIGEN___CC 323695	87.09 1.23 -62.13	31.76 0.78 -14.34	23.59 1.13 0.00	24.52 0.94 -4.69	21.56 0.89 0.00	24.00 0.98 0.00	15.91 0.61 0.00	14.70 0.54 0.00	18.37 0.65 0.00	17.22 0.67 0.00	40.25 1.16 -18.21	37.62 1.21 -14.31	29.58 0.87 -13.87	15.55 0.94 3.01	9.75 0.55 1.90	11.73 0.63 -0.28	18.71 1.01 2.30	20.21 1.06 3.17	20.77 0.94 0.75	27.63 1.15 0.00	41.28 1.72 0.00	40.25 1.46 0.00	40.94 1.45 0.00	29.11 1.08 0.00
TRINITY___115KV___4 BK 55933	23.77 0.04 0.00	16.73 0.10 0.00	22.67 0.21 0.00	19.08 0.18 0.00	20.82 0.15 0.00	23.17 0.15 0.00	15.36 0.06 0.00	14.21 0.04 0.00	17.74 0.02 0.00	16.51 -0.05 0.00	20.83 -0.05 0.00	22.06 -0.04 0.00	14.45 0.02 0.42	15.29 0.01 2.34	9.76 0.01 1.35	10.27 0.02 0.57	17.53 0.05 2.52	20.08 0.02 2.26	20.03 -0.02 0.53	26.41 -0.07 0.00	39.46 -0.10 0.00	38.67 -0.12 0.00	39.30 -0.19 0.00	27.97 -0.06 0.00
UNION___PROCESSING_DRP 323587	22.22 -1.50 0.00	15.54 -1.10 0.00	20.99 -1.47 0.00	17.63 -1.26 0.00	19.28 -1.39 0.00	21.43 -1.59 0.00	14.24 -1.06 0.00	13.20 -0.96 0.00	16.59 -1.14 0.00	15.48 -1.07 0.00	19.42 -1.37 0.09	20.41 -1.43 0.27	10.52 -1.08 3.24	0.43 -0.96 16.22	1.15 -0.60 9.35	6.23 -0.62 3.97	1.43 -1.10 17.48	5.42 -1.27 15.63	15.64 -1.27 3.66	24.82 -1.66 0.00	37.12 -2.35 0.08	35.98 -2.22 0.59	37.57 -1.93 0.00	26.52 -1.51 0.00
UPPER HUDSON___HYD 24058	24.61 0.88 0.00	17.26 0.62 0.00	23.38 0.93 0.00	19.66 0.76 0.00	21.48 0.81 0.00	23.92 0.90 0.00	15.79 0.49 0.00	14.60 0.44 0.00	18.21 0.49 0.00	16.99 0.43 0.00	21.29 0.41 0.00	22.55 0.45 0.00	14.76 0.32 0.40	15.72 0.37 2.27	10.03 0.23 1.31	10.52 0.25 0.55	18.14 0.57 2.44	20.78 0.64 2.18	20.77 0.70 0.51	27.39 0.91 0.00	40.96 1.40 0.00	40.11 1.32 0.00	40.68 1.19 0.00	28.85 0.82 0.00
UPPER RAQUET___HYD 24056	23.63 -0.10 0.00	16.40 -0.23 0.00	21.97 -0.49 0.00	18.50 -0.39 0.00	20.30 -0.37 0.00	22.67 -0.36 0.00	15.26 -0.03 0.00	14.14 -0.03 0.00	17.72 0.00 0.00	16.61 0.05 0.00	20.90 0.02 0.00	22.10 0.00 0.00	13.73 -0.03 1.08	11.35 -0.19 6.08	7.45 -0.14 3.51	9.19 -0.14 1.49	13.30 -0.15 6.55	16.44 -0.02 5.86	19.12 -0.08 1.37	26.49 0.01 0.00	39.43 -0.13 0.00	39.00 0.20 0.00	39.64 0.15 0.00	28.03 0.00 0.00
VALLEY44_115KV_TB2 355964	18.55 -1.47 3.71	14.47 -1.04 1.12	18.05 -1.18 3.23	17.03 -1.07 0.80	19.15 -1.18 0.34	18.74 -1.29 3.00	13.49 -0.91 0.90	10.03 -0.80 3.33	13.43 -0.92 3.37	14.80 -1.00 0.76	18.33 -1.29 1.26	19.24 -1.31 1.56	10.05 -0.95 3.85	-0.13 -0.70 17.05	0.57 -0.44 10.09	4.69 -0.47 5.66	0.64 -0.99 18.37	4.71 -1.19 16.42	13.39 -1.23 5.96	23.17 -1.65 1.66	36.28 -2.33 0.95	33.93 -2.08 2.79	37.83 -1.66 0.00	26.77 -1.26 0.00
VALLEY___115KV_TB 1-4 80826	23.54 -0.19 0.00	16.55 -0.09 0.00	22.49 0.03 0.00	18.93 0.04 0.00	20.67 0.00 0.00	23.00 -0.02 0.00	15.23 -0.07 0.00	14.07 -0.09 0.00	17.55 -0.18 0.00	16.29 -0.27 0.00	20.47 -0.41 0.00	21.69 -0.41 0.00	14.02 -0.25 0.58	13.98 -0.39 3.25	8.99 -0.23 1.88	9.82 -0.21 0.79	16.10 -0.40 3.50	18.73 -0.45 3.13	19.53 -0.31 0.73	26.21 -0.27 0.00	39.28 -0.28 0.00	38.53 -0.27 0.00	39.04 -0.45 0.00	27.78 -0.25 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	24.41 0.69 0.00	17.11 0.47 0.00	23.17 0.71 0.00	19.45 0.56 0.00	21.24 0.57 0.00	23.66 0.64 0.00	15.70 0.40 0.00	14.55 0.39 0.00	18.24 0.52 0.00	17.06 0.51 0.00	21.54 0.66 0.00	22.74 0.64 0.00	13.42 0.41 1.84	7.80 0.51 10.33	5.48 0.33 5.95	8.63 0.34 2.53	9.48 0.60 11.13	13.03 0.67 9.96	18.91 0.67 2.33	27.36 0.88 0.00	40.90 1.34 0.00	39.99 1.20 0.00	40.66 1.17 0.00	28.79 0.76 0.00
VISCHER___FERRY HYD 24020	24.04 0.31 0.00	16.92 0.29 0.00	22.94 0.48 0.00	19.31 0.41 0.00	21.09 0.41 0.00	23.46 0.44 0.00	15.55 0.25 0.00	14.37 0.21 0.00	17.93 0.20 0.00	16.72 0.16 0.00	21.02 0.14 0.00	22.25 0.15 0.00	14.59 0.15 0.40	15.52 0.17 2.27	9.90 0.10 1.31	10.38 0.11 0.55	17.80 0.24 2.45	20.39 0.25 2.19	20.32 0.26 0.51	26.78 0.30 0.00	40.03 0.47 0.00	39.25 0.45 0.00	39.88 0.38 0.00	28.34 0.31 0.00
V_A_10_SYNC_DSASP 323832	16.78 -2.08 4.86	13.64 -1.53 1.47	16.22 -2.01 4.23	16.11 -1.74 1.04	18.30 -1.92 0.44	16.94 -2.16 3.92	12.66 -1.47 1.17	8.47 -1.33 4.37	11.73 -1.58 4.41	14.05 -1.51 0.99	17.46 -1.91 1.51	18.50 -1.97 1.63	10.06 -1.48 3.31	0.66 -1.30 15.67	0.94 -0.79 9.36	4.19 -0.85 5.78	1.57 -1.55 16.88	5.45 -1.79 15.08	12.47 -1.81 6.30	21.88 -2.42 2.17	34.70 -3.50 1.36	32.35 -3.29 3.15	36.38 -2.81 0.29	25.77 -2.14 0.13
V_CMM_10_SYNC_DSASP 323787	23.85 0.13 0.00	16.64 0.01 0.00	22.32 -0.14 0.00	18.81 -0.09 0.00	20.62 -0.05 0.00	23.01 -0.01 0.00	15.40 0.10 0.00	14.27 0.10 0.00	17.91 0.19 0.00	16.78 0.23 0.00	21.14 0.26 0.00	22.38 0.28 0.00	14.59 0.18 0.44	15.25 0.12 2.49	9.72 0.06 1.44	10.26 0.05 0.61	17.47 0.15 2.69	20.13 0.22 2.41	20.15 0.14 0.56	26.70 0.22 0.00	39.84 0.28 0.00	39.22 0.43 0.00	39.94 0.44 0.00	28.31 0.28 0.00
V_CMP_10_SYNC_DSASP 323788	24.34 0.62 0.00	16.99 0.35 0.00	22.77 0.32 0.00	19.14 0.25 0.00	20.98 0.31 0.00	23.38 0.36 0.00	15.61 0.32 0.00	14.48 0.32 0.00	18.16 0.44 0.00	17.04 0.48 0.00	21.44 0.56 0.00	22.69 0.59 0.00	14.83 0.42 0.43	15.59 0.41 2.44	9.94 0.24 1.41	10.46 0.23 0.60	17.91 0.53 2.63	20.60 0.63 2.35	20.53 0.51 0.55	27.02 0.54 0.00	40.25 0.69 0.00	39.69 0.89 0.00	40.48 0.99 0.00	28.69 0.66 0.00
V_D_10_SYNC_DSASP 323841	23.99 0.27 0.00	16.68 0.05 0.00	22.36 -0.09 0.00	18.84 -0.05 0.00	20.67 0.00 0.00	23.07 0.05 0.00	15.50 0.20 0.00	14.35 0.19 0.00	18.01 0.29 0.00	16.88 0.32 0.00	21.26 0.38 0.00	22.50 0.40 0.00	14.56 0.26 0.55	14.76 0.21 3.07	9.44 0.11 1.77	10.17 0.10 0.75	16.95 0.25 3.30	19.71 0.35 2.96	20.14 0.26 0.69	26.86 0.38 0.00	39.97 0.41 0.00	39.49 0.69 0.00	40.20 0.71 0.00	28.48 0.45 0.00
V_E_10_SYNC_DSASP 323830	26.05 0.52 -1.80	17.56 0.38 -0.54	24.62 0.61 -1.55	19.63 0.35 -0.38	21.03 0.20 -0.16	24.78 0.32 -1.44	15.92 0.18 -0.44	16.03 0.25 -1.61	19.79 0.43 -1.63	17.25 0.32 -0.37	22.01 0.37 -0.76	23.58 0.26 -1.21	12.59 0.03 2.29	-0.92 0.02 18.56	0.48 -0.04 10.58	6.84 -0.16 3.82	-0.39 -0.38 20.00	4.30 -0.12 17.90	17.66 0.24 3.16	27.65 0.37 -0.80	40.74 0.48 -0.70	41.80 0.46 -2.55	40.16 0.55 -0.12	28.44 0.35 -0.05

V_F_30_NSYNC___DSASP 323816	24.44 0.72 0.00	17.17 0.53 0.00	23.26 0.80 0.00	19.57 0.67 0.00	21.38 0.70 0.00	23.79 0.77 0.00	15.75 0.46 0.00	14.56 0.40 0.00	18.17 0.45 0.00	16.93 0.37 0.00	21.27 0.40 0.00	22.53 0.43 0.00	14.76 0.32 0.40	15.72 0.37 2.26	10.03 0.23 1.31	10.52 0.25 0.55	18.10 0.54 2.44	20.74 0.60 2.18	20.67 0.61 0.51	27.26 0.78 0.00	40.74 1.18 0.00	39.91 1.12 0.00	40.53 1.04 0.00	28.77 0.74 0.00
V_F_30_SYNC_DSASP 323786	23.85 0.12 0.00	16.79 0.15 0.00	22.73 0.27 0.00	19.13 0.24 0.00	20.89 0.21 0.00	23.24 0.22 0.00	15.41 0.11 0.00	14.25 0.09 0.00	17.80 0.07 0.00	16.56 0.01 0.00	20.91 0.03 0.00	22.14 0.04 0.00	14.50 0.07 0.41	15.35 0.06 2.33	9.81 0.05 1.34	10.32 0.06 0.57	17.62 0.13 2.51	20.19 0.11 2.24	20.10 0.05 0.52	26.53 0.05 0.00	39.63 0.08 0.00	38.83 0.03 0.00	39.45 -0.04 0.00	28.07 0.04 0.00
V_XM_10_SYNC_DSASP 323789	24.34 0.62 0.00	16.99 0.35 0.00	22.77 0.32 0.00	19.14 0.25 0.00	20.98 0.31 0.00	23.38 0.36 0.00	15.61 0.32 0.00	14.48 0.32 0.00	18.16 0.44 0.00	17.04 0.48 0.00	21.44 0.56 0.00	22.69 0.59 0.00	14.83 0.42 0.43	15.59 0.41 2.44	9.94 0.24 1.41	10.46 0.23 0.60	17.91 0.53 2.63	20.60 0.63 2.35	20.53 0.51 0.55	27.02 0.54 0.00	40.25 0.69 0.00	39.69 0.89 0.00	40.48 0.99 0.00	28.69 0.66 0.00
W.BABYLN_69_KV_BK1 56697	29.10 1.67 -3.70	18.55 1.06 -0.85	23.96 1.50 0.00	20.40 1.22 -0.28	21.87 1.20 0.00	24.34 1.32 0.00	16.12 0.83 0.00	14.89 0.73 0.00	18.58 0.86 0.00	17.40 0.85 0.00	23.38 1.42 -1.09	24.41 1.46 -0.85	16.19 1.07 -0.27	15.50 1.17 3.29	9.86 0.67 1.91	10.84 0.74 0.72	17.77 1.26 3.49	20.49 1.36 3.19	21.08 1.26 0.75	28.04 1.56 0.00	41.96 2.40 0.00	40.91 2.11 0.00	41.61 2.12 0.00	29.56 1.53 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	24.72 1.00 0.00	17.36 0.72 0.00	23.47 1.02 0.00	19.72 0.83 0.00	21.49 0.82 0.00	23.91 0.89 0.00	15.90 0.61 0.00	14.71 0.55 0.00	18.40 0.68 0.00	17.22 0.66 0.00	21.83 0.96 0.00	23.12 1.02 0.00	14.96 0.72 0.61	15.06 0.86 3.41	9.68 0.55 1.97	10.54 0.55 0.83	17.29 0.96 3.68	20.08 1.05 3.29	20.78 0.97 0.77	27.68 1.20 0.00	41.28 1.72 0.00	40.28 1.48 0.00	40.94 1.45 0.00	29.07 1.04 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	24.81 1.09 0.00	17.43 0.80 0.00	23.56 1.10 0.00	19.80 0.91 0.00	21.57 0.90 0.00	23.99 0.97 0.00	15.95 0.66 0.00	14.76 0.60 0.00	18.48 0.76 0.00	17.29 0.74 0.00	21.94 1.07 0.00	23.21 1.11 0.00	15.06 0.81 0.59	15.25 0.95 3.31	9.79 0.60 1.91	10.62 0.61 0.81	17.49 1.05 3.57	20.27 1.14 3.19	20.88 1.05 0.75	27.76 1.28 0.00	41.36 1.80 0.00	40.36 1.56 0.00	41.02 1.53 0.00	29.18 1.15 0.00
W50THST__13_KV_LOAD 356117	24.91 1.18 0.00	17.51 0.87 0.00	23.63 1.17 0.00	19.85 0.96 0.00	21.63 0.96 0.00	24.05 1.03 0.00	16.00 0.71 0.00	14.81 0.65 0.00	18.56 0.83 0.00	17.36 0.80 0.00	22.03 1.15 0.00	23.29 1.19 0.00	15.12 0.87 0.59	15.33 1.02 3.31	9.84 0.65 1.91	10.67 0.65 0.81	17.57 1.14 3.57	20.37 1.24 3.19	20.96 1.14 0.75	27.85 1.37 0.00	41.49 1.94 0.00	40.48 1.69 0.00	41.14 1.65 0.00	29.28 1.26 0.00
WADING RIVER_IC_1 23522	11.81 1.65 13.57	14.55 1.04 3.13	23.95 1.50 0.00	19.07 1.20 1.02	21.82 1.15 0.00	24.29 1.27 0.00	16.09 0.79 0.00	14.83 0.67 0.00	18.50 0.78 0.00	17.30 0.75 0.00	18.18 1.28 3.98	20.24 1.27 3.12	12.06 0.96 3.74	15.25 1.01 3.38	9.74 0.55 1.91	10.42 0.65 1.05	17.23 1.07 3.85	20.40 1.28 3.20	20.99 1.17 0.75	27.91 1.43 0.00	41.76 2.20 0.00	40.73 1.93 0.00	41.49 2.00 0.00	29.43 1.40 0.00
WADING RIVER_IC_2 23547	11.81 1.65 13.57	14.55 1.04 3.13	23.95 1.50 0.00	19.07 1.20 1.02	21.82 1.15 0.00	24.29 1.27 0.00	16.09 0.79 0.00	14.83 0.67 0.00	18.50 0.78 0.00	17.30 0.75 0.00	18.18 1.28 3.98	20.24 1.27 3.12	12.06 0.96 3.74	15.25 1.01 3.38	9.74 0.55 1.91	10.42 0.65 1.05	17.23 1.07 3.85	20.40 1.28 3.20	20.99 1.17 0.75	27.91 1.43 0.00	41.76 2.20 0.00	40.73 1.93 0.00	41.49 2.00 0.00	29.43 1.40 0.00
WADING RIVER_IC_3 23601	11.81 1.65 13.57	14.55 1.04 3.13	23.95 1.50 0.00	19.07 1.20 1.02	21.82 1.15 0.00	24.29 1.27 0.00	16.09 0.79 0.00	14.83 0.67 0.00	18.50 0.78 0.00	17.30 0.75 0.00	18.18 1.28 3.98	20.24 1.27 3.12	12.06 0.96 3.74	15.25 1.01 3.38	9.74 0.55 1.91	10.42 0.65 1.05	17.23 1.07 3.85	20.40 1.28 3.20	20.99 1.17 0.75	27.91 1.43 0.00	41.76 2.20 0.00	40.73 1.93 0.00	41.49 2.00 0.00	29.43 1.40 0.00
WALDENNY_12_KV_BK2 80841	12.56 -1.99 9.18	12.37 -1.49 2.78	12.55 -1.93 7.97	15.21 -1.72 1.96	17.93 -1.91 0.83	13.51 -2.11 7.40	11.64 -1.45 2.21	4.65 -1.27 8.24	7.88 -1.51 8.33	13.23 -1.46 1.86	16.25 -1.82 2.80	17.33 -1.86 2.91	9.65 -1.42 3.77	-0.45 -1.13 16.95	0.00 -0.71 10.40	2.22 -0.78 7.82	0.34 -1.41 18.26	4.40 -1.64 16.28	9.84 -1.69 9.04	20.08 -2.30 4.10	34.19 -3.30 2.06	30.95 -3.03 4.82	37.05 -2.44 0.00	26.12 -1.91 0.00
WALDEN__HYDRO 24148	24.64 0.92 0.00	17.30 0.67 0.00	23.39 0.94 0.00	19.65 0.76 0.00	21.42 0.75 0.00	23.84 0.82 0.00	15.84 0.55 0.00	14.67 0.51 0.00	18.34 0.61 0.00	17.14 0.58 0.00	21.72 0.84 0.00	22.98 0.88 0.00	14.86 0.63 0.61	14.95 0.75 3.42	9.61 0.49 1.97	10.48 0.49 0.84	17.15 0.84 3.69	19.94 0.92 3.30	20.68 0.88 0.77	27.57 1.09 0.00	41.13 1.58 0.00	40.17 1.37 0.00	40.82 1.33 0.00	28.98 0.95 0.00
WARRENSBURG____ 23737	24.61 0.89 0.00	17.26 0.62 0.00	23.38 0.93 0.00	19.66 0.76 0.00	21.48 0.81 0.00	23.93 0.90 0.00	15.79 0.50 0.00	14.60 0.44 0.00	18.21 0.49 0.00	16.99 0.43 0.00	21.29 0.41 0.00	22.55 0.45 0.00	14.77 0.32 0.40	15.72 0.36 2.27	10.02 0.23 1.31	10.52 0.25 0.55	18.13 0.57 2.44	20.78 0.64 2.18	20.77 0.71 0.51	27.39 0.91 0.00	40.96 1.40 0.00	40.11 1.32 0.00	40.68 1.19 0.00	28.85 0.81 0.00
WATERSIDE____6 8 9 23538	24.77 1.04 0.00	17.43 0.79 0.00	23.62 1.16 -0.01	19.85 0.96 -0.01	21.62 0.95 -0.01	24.04 1.02 0.00	16.00 0.69 -0.01	14.80 0.63 -0.01	18.52 0.79 -0.01	17.32 0.76 0.00	21.96 1.08 0.00	23.21 1.11 0.00	15.08 0.82 0.59	15.27 0.96 3.31	9.81 0.62 1.91	10.63 0.61 0.81	17.51 1.07 3.57	20.28 1.16 3.19	20.88 1.06 0.75	27.75 1.27 0.00	41.33 1.77 0.00	40.32 1.53 0.00	41.00 1.51 0.00	29.22 1.19 0.00
WATKINRD_115KV_LN8_ILLION 55919	23.59 -0.14 0.00	16.57 -0.06 0.00	22.46 0.00 0.00	18.91 0.01 0.00	20.65 -0.02 0.00	22.98 -0.04 0.00	15.23 -0.07 0.00	14.08 -0.08 0.00	17.58 -0.14 0.00	16.35 -0.20 0.00	20.57 -0.31 0.00	21.79 -0.31 0.00	14.07 -0.19 0.58	14.08 -0.29 3.25	9.05 -0.17 1.88	9.88 -0.15 0.79	16.22 -0.28 3.50	18.87 -0.32 3.13	19.63 -0.21 0.73	26.29 -0.19 0.00	39.35 -0.21 0.00	38.58 -0.21 0.00	39.14 -0.35 0.00	27.80 -0.23 0.00

WDELAWARE___HYD 323627	24.32 0.59 0.00	17.07 0.43 0.00	23.07 0.61 0.00	19.38 0.49 0.00	21.13 0.46 0.00	23.52 0.50 0.00	15.64 0.34 0.00	14.48 0.32 0.00	18.09 0.36 0.00	16.89 0.33 0.00	21.38 0.50 0.00	22.61 0.51 0.00	14.57 0.36 0.64	14.46 0.43 3.60	9.32 0.30 2.07	10.25 0.31 0.88	16.65 0.52 3.88	19.41 0.56 3.47	20.33 0.57 0.81	27.21 0.73 0.00	40.65 1.09 0.00	39.71 0.91 0.00	40.35 0.86 0.00	28.63 0.60 0.00
WEST BABYLON___IC 23714	29.10 1.67 -3.70	18.55 1.06 -0.85	23.96 1.50 0.00	20.40 1.22 -0.28	21.87 1.20 0.00	24.34 1.32 0.00	16.12 0.83 0.00	14.89 0.73 0.00	18.58 0.86 0.00	17.40 0.85 0.00	23.38 1.42 -1.09	24.41 1.46 -0.85	16.19 1.07 -0.27	15.50 1.17 3.29	9.86 0.67 1.91	10.84 0.74 0.72	17.77 1.26 3.49	20.49 1.36 3.19	21.08 1.26 0.75	28.04 1.56 0.00	41.96 2.40 0.00	40.91 2.11 0.00	41.61 2.12 0.00	29.56 1.53 0.00
WEST CANADA___HYD 24049	23.63 -0.09 0.00	16.59 -0.05 0.00	22.43 -0.02 0.00	18.87 -0.02 0.00	20.63 -0.05 0.00	22.96 -0.06 0.00	15.24 -0.05 0.00	14.11 -0.06 0.00	17.65 -0.07 0.00	16.47 -0.08 0.00	20.78 -0.10 0.00	21.99 -0.11 0.00	14.19 -0.07 0.58	14.28 -0.09 3.25	9.17 -0.06 1.88	9.97 -0.05 0.79	16.39 -0.11 3.50	19.06 -0.12 3.13	19.75 -0.09 0.73	26.37 -0.10 0.00	39.40 -0.16 0.00	38.64 -0.16 0.00	39.30 -0.20 0.00	27.90 -0.13 0.00
WESTERN_NY_WIND 24143	17.00 -1.46 5.27	13.89 -1.15 1.60	16.39 -1.48 4.58	16.41 -1.35 1.13	18.69 -1.50 0.48	17.14 -1.63 4.26	12.91 -1.12 1.27	8.47 -0.96 4.73	11.79 -1.15 4.78	14.35 -1.14 1.07	17.75 -1.49 1.64	18.83 -1.51 1.76	10.14 -1.22 3.49	0.11 -0.99 16.52	0.62 -0.60 9.88	4.00 -0.67 6.15	1.15 -1.06 17.80	5.22 -1.20 15.89	12.61 -1.25 6.72	22.32 -1.80 2.36	35.85 -2.50 1.21	33.55 -2.29 2.96	37.71 -1.78 0.00	26.56 -1.47 0.00
WESTOVER___LESR 323668	23.15 -0.57 0.00	16.24 -0.40 0.00	22.03 -0.42 0.00	18.49 -0.40 0.00	20.19 -0.48 0.00	22.50 -0.52 0.00	14.89 -0.40 0.00	13.82 -0.34 0.00	17.31 -0.41 0.00	16.12 -0.43 0.00	20.24 -0.57 0.07	21.26 -0.61 0.22	10.77 -0.45 3.62	-1.47 -0.39 18.70	0.07 -0.25 10.78	6.01 -0.24 4.58	-0.65 -0.51 20.15	3.70 -0.60 18.02	15.85 -0.51 4.22	25.87 -0.61 0.00	38.51 -0.98 0.07	37.32 -0.98 0.49	38.61 -0.88 0.00	27.42 -0.61 0.00
WETHRSFD_WT_PWR 323626	-17.19 -2.26 38.65	3.28 -1.65 11.71	-13.27 -2.16 33.58	8.69 -1.92 8.28	15.06 -2.09 3.51	-10.43 -2.28 31.18	4.42 -1.58 9.30	-21.87 -1.36 34.68	-19.05 -1.69 35.08	7.07 -1.63 7.86	7.44 -2.07 11.37	8.92 -2.20 10.98	8.19 -1.60 5.06	-4.14 -1.61 20.15	-4.17 -1.01 14.26	-10.60 -1.03 20.41	-3.61 -1.91 21.70	1.01 -2.12 19.18	-7.86 -1.93 26.51	6.72 -2.50 17.26	27.58 -3.67 8.30	18.00 -3.37 17.43	36.67 -2.82 0.00	25.94 -2.09 0.00
WHAVSTOR_138KV_BK127 55557	24.62 0.90 0.00	17.29 0.65 0.00	23.41 0.95 0.00	19.68 0.79 0.00	21.45 0.77 0.00	23.86 0.84 0.00	15.86 0.57 0.00	14.68 0.52 0.00	18.36 0.64 0.00	17.18 0.62 0.00	21.78 0.90 0.00	23.06 0.95 0.00	14.93 0.68 0.61	15.03 0.81 3.41	9.66 0.53 1.96	10.51 0.52 0.83	17.23 0.90 3.67	20.02 0.99 3.28	20.72 0.92 0.77	27.60 1.12 0.00	41.16 1.60 0.00	40.17 1.38 0.00	40.83 1.34 0.00	29.00 0.97 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	24.62 0.90 0.00	17.29 0.65 0.00	23.41 0.95 0.00	19.68 0.79 0.00	21.45 0.77 0.00	23.86 0.84 0.00	15.86 0.57 0.00	14.68 0.52 0.00	18.36 0.64 0.00	17.18 0.62 0.00	21.78 0.90 0.00	23.06 0.95 0.00	14.93 0.68 0.61	15.03 0.81 3.41	9.66 0.53 1.96	10.51 0.52 0.83	17.23 0.90 3.67	20.02 0.99 3.28	20.72 0.92 0.77	27.60 1.12 0.00	41.16 1.60 0.00	40.17 1.38 0.00	40.83 1.34 0.00	29.00 0.97 0.00
WHITEHAL_115KV_TB1 80871	25.46 1.73 0.00	17.72 1.08 0.00	24.16 1.70 0.00	20.28 1.39 0.00	22.17 1.50 0.00	24.74 1.72 0.00	16.35 1.06 0.00	15.12 0.95 0.00	18.66 0.94 0.00	17.45 0.90 0.00	21.58 0.71 0.00	22.76 0.66 0.00	14.92 0.48 0.40	16.05 0.69 2.26	10.24 0.45 1.31	10.66 0.39 0.55	18.47 0.91 2.44	21.03 0.90 2.18	21.40 1.34 0.51	28.15 1.67 0.00	42.12 2.55 0.00	41.33 2.53 0.00	41.87 2.38 0.00	29.68 1.65 0.00
WHITEPLN_13_KV_LOAD 356215	24.94 1.22 0.00	17.52 0.88 0.00	23.68 1.23 0.00	19.90 1.00 0.00	21.68 1.01 0.00	24.12 1.10 0.00	16.03 0.73 0.00	14.84 0.67 0.00	18.57 0.84 0.00	17.37 0.81 0.00	22.03 1.15 0.00	23.31 1.21 0.00	15.12 0.87 0.59	15.32 1.01 3.32	9.83 0.65 1.91	10.66 0.65 0.81	17.56 1.13 3.58	20.36 1.24 3.20	20.98 1.15 0.75	27.88 1.40 0.00	41.62 2.06 0.00	40.62 1.82 0.00	41.27 1.78 0.00	29.34 1.32 0.00
WM_FLOYD_69_KV_BK2 356380	12.14 1.64 13.22	14.62 1.03 3.05	23.93 1.48 0.00	19.09 1.19 1.00	21.81 1.14 0.00	24.29 1.27 0.00	16.09 0.79 0.00	14.83 0.66 0.00	18.48 0.76 0.00	17.29 0.74 0.00	18.26 1.26 3.88	20.32 1.26 3.05	12.13 0.95 3.67	15.24 1.00 3.38	9.73 0.54 1.91	10.42 0.64 1.05	17.24 1.07 3.84	20.38 1.26 3.20	20.99 1.16 0.75	27.89 1.41 0.00	41.74 2.19 0.00	40.72 1.92 0.00	41.48 1.99 0.00	29.42 1.39 0.00
WOODARD__115KV_TB2 355635	22.93 -0.79 0.00	16.08 -0.56 0.00	21.74 -0.72 0.00	18.26 -0.63 0.00	19.96 -0.71 0.00	22.22 -0.80 0.00	14.75 -0.55 0.00	13.67 -0.49 0.00	17.12 -0.60 0.00	15.99 -0.57 0.00	20.16 -0.73 0.00	21.32 -0.78 0.00	8.28 -0.57 5.99	-16.71 -0.60 33.72	-8.72 -0.37 19.44	2.21 -0.37 8.25	-17.02 -0.69 36.34	-10.97 -0.78 32.51	12.26 -0.71 7.61	25.58 -0.90 0.00	38.24 -1.32 0.00	37.53 -1.27 0.00	38.31 -1.18 0.00	27.14 -0.89 0.00
WOODMERE_69_KV_BK1 55827	199.22 1.41 -174.09	57.70 0.89 -40.18	23.80 1.34 0.00	33.15 1.11 -13.15	21.74 1.07 -0.01	24.19 1.17 0.00	16.01 0.71 0.00	14.80 0.64 0.00	18.49 0.76 0.00	17.34 0.78 0.00	73.26 1.35 -51.03	63.62 1.43 -40.09	55.77 1.01 -39.91	16.26 1.10 2.46	9.88 0.65 1.87	13.69 0.74 -2.13	21.20 1.21 0.02	20.47 1.27 3.12	20.95 1.12 0.75	27.85 1.37 0.00	41.63 2.07 0.00	40.61 1.82 0.00	41.31 1.82 0.00	29.36 1.33 0.00
YORK___WARBASSE 23770	24.75 1.03 0.00	17.46 0.82 0.00	23.75 1.29 -0.01	19.97 1.07 -0.01	21.74 1.06 -0.01	24.19 1.16 0.00	16.08 0.78 -0.01	14.88 0.71 -0.01	18.62 0.89 -0.01	17.38 0.82 0.00	22.02 1.15 0.00	23.30 1.19 0.00	15.13 0.87 0.59	15.31 1.00 3.31	9.84 0.65 1.91	10.66 0.65 0.81	17.55 1.11 3.57	20.36 1.23 3.19	20.97 1.14 0.75	27.88 1.40 0.00	41.49 1.94 0.00	40.49 1.69 0.00	41.19 1.70 0.00	29.32 1.29 0.00