

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

09/02/2024

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	36.38	26.81	25.22	22.65	22.48	23.73	24.96	24.90	21.81	22.47	22.16	22.59	22.26	22.80	22.98	23.31	26.03	29.32	39.48	40.12	26.44	23.11	23.54	22.59
24138	1.65	1.17	0.93	0.81	0.80	0.79	0.88	0.87	1.00	1.19	1.31	1.28	1.34	1.43	1.56	1.65	1.81	2.08	2.62	2.31	1.66	1.37	1.20	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	36.56	26.94	25.35	22.76	22.58	23.83	25.08	25.01	21.89	22.53	22.22	22.64	22.31	22.85	23.03	23.35	26.11	29.42	39.64	40.28	26.55	23.20	23.63	22.67
24260	1.84	1.30	1.06	0.92	0.89	0.90	1.01	0.99	1.08	1.26	1.36	1.33	1.39	1.48	1.60	1.69	1.88	2.17	2.77	2.47	1.77	1.47	1.29	1.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	36.56	26.94	25.35	22.76	22.58	23.83	25.08	25.01	21.89	22.53	22.22	22.64	22.31	22.85	23.03	23.35	26.11	29.42	39.64	40.28	26.55	23.20	23.63	22.67
24261	1.84	1.30	1.06	0.92	0.89	0.90	1.01	0.99	1.08	1.26	1.36	1.33	1.39	1.48	1.60	1.69	1.88	2.17	2.77	2.47	1.77	1.47	1.29	1.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	37.30	27.47	25.99	23.32	23.18	24.55	25.75	25.70	22.15	22.54	21.99	22.59	22.05	22.70	22.67	22.89	25.80	29.17	39.63	40.69	26.79	23.52	24.02	23.06
24011	2.58	1.83	1.71	1.48	1.49	1.61	1.67	1.68	1.34	1.27	1.13	1.28	1.14	1.33	1.24	1.23	1.57	1.93	2.76	2.87	2.02	1.78	1.68	1.38
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	37.50	27.60	26.10	23.42	23.28	24.66	25.89	25.87	22.26	22.63	22.07	22.68	22.16	22.81	22.77	22.98	25.93	29.33	39.76	40.86	26.87	23.64	24.15	23.14
23798	2.77	1.96	1.82	1.58	1.59	1.73	1.81	1.85	1.45	1.36	1.22	1.37	1.24	1.44	1.34	1.32	1.70	2.09	2.90	3.04	2.09	1.89	1.80	1.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	37.30	27.47	25.99	23.32	23.18	24.55	25.75	25.70	22.15	22.54	21.99	22.59	22.05	22.70	22.67	22.89	25.80	29.17	39.63	40.69	26.79	23.52	24.02	23.06
24028	2.58	1.83	1.71	1.48	1.49	1.61	1.67	1.68	1.34	1.27	1.13	1.28	1.14	1.33	1.24	1.23	1.57	1.93	2.76	2.87	2.02	1.78	1.68	1.38
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	36.10	26.69	25.36	22.78	22.65	23.96	25.01	24.89	21.53	21.95	21.52	21.99	21.58	22.17	22.25	22.50	25.30	28.50	38.52	39.50	26.14	22.85	23.36	22.45
23527	1.38	1.05	1.07	0.94	0.97	1.02	0.93	0.86	0.72	0.67	0.66	0.68	0.67	0.79	0.83	0.84	1.08	1.26	1.65	1.69	1.36	1.12	1.01	0.78
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	34.83	25.77	24.55	22.05	21.93	23.18	24.29	24.18	20.84	21.30	20.95	21.42	21.04	21.54	21.63	21.90	24.46	27.58	37.25	38.13	25.14	22.07	22.51	21.70
24190	0.10	0.13	0.26	0.22	0.24	0.25	0.21	0.15	0.03	0.02	0.10	0.12	0.12	0.17	0.21	0.24	0.24	0.34	0.39	0.31	0.36	0.32	0.17	0.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	35.10	25.98	24.63	22.15	22.00	23.25	24.42	24.40	20.99	21.39	20.94	21.47	21.12	21.53	21.54	21.76	24.33	27.33	37.08	38.12	24.84	21.76	22.44	21.81
355683	0.37	0.34	0.34	0.32	0.31	0.31	0.34	0.37	0.17	0.12	0.08	0.15	0.20	0.16	0.12	0.10	0.10	0.09	0.21	0.30	0.06	0.02	0.10	0.14
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	35.57	26.29	24.99	22.45	22.32	23.60	24.72	24.57	21.09	21.47	21.06	21.53	21.10	21.57	21.68	21.89	24.51	27.80	37.83	38.86	25.59	22.44	22.94	22.13
323833	0.85	0.65	0.70	0.62	0.63	0.67	0.64	0.54	0.28	0.19	0.20	0.22	0.19	0.20	0.26	0.23	0.28	0.56	0.96	1.04	0.81	0.70	0.59	0.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	35.55	26.29	24.98	22.45	22.32	23.60	24.72	24.56	21.09	21.47	21.05	21.53	21.10	21.57	21.68	21.89	24.51	27.80	37.82	38.85	25.58	22.44	22.92	22.13
323834	0.83	0.64	0.69	0.62	0.63	0.67	0.63	0.54	0.28	0.19	0.20	0.22	0.18	0.19	0.26	0.23	0.28	0.56	0.96	1.04	0.80	0.70	0.58	0.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	34.83	25.77	24.55	22.05	21.93	23.18	24.29	24.18	20.84	21.30	20.95	21.42	21.04	21.54	21.63	21.90	24.46	27.58	37.25	38.13	25.14	22.07	22.51	21.70
23571	0.10	0.13	0.26	0.22	0.24	0.25	0.21	0.15	0.03	0.02	0.10	0.12	0.12	0.17	0.21	0.24	0.24	0.34	0.39	0.31	0.36	0.32	0.17	0.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	34.83 0.10 0.00	25.77 0.13 0.00	24.55 0.26 0.00	22.05 0.22 0.00	21.93 0.24 0.00	23.18 0.25 0.00	24.29 0.21 0.00	24.18 0.15 0.00	20.84 0.03 0.00	21.30 0.02 0.00	20.95 0.10 0.00	21.42 0.12 0.00	21.04 0.12 0.00	21.54 0.17 0.00	21.63 0.21 0.00	21.90 0.24 0.00	24.46 0.24 0.00	27.58 0.34 0.00	37.25 0.39 0.00	38.13 0.31 0.00	25.14 0.36 0.00	22.07 0.32 0.00	22.51 0.17 0.00	21.70 0.02 0.00
ALBANY___3 23573	34.83 0.10 0.00	25.77 0.13 0.00	24.55 0.26 0.00	22.05 0.22 0.00	21.93 0.24 0.00	23.18 0.25 0.00	24.29 0.21 0.00	24.18 0.15 0.00	20.84 0.03 0.00	21.30 0.02 0.00	20.95 0.10 0.00	21.42 0.12 0.00	21.04 0.12 0.00	21.54 0.17 0.00	21.63 0.21 0.00	21.90 0.24 0.00	24.46 0.24 0.00	27.58 0.34 0.00	37.25 0.39 0.00	38.13 0.31 0.00	25.14 0.36 0.00	22.07 0.32 0.00	22.51 0.17 0.00	21.70 0.02 0.00
ALBANY___4 23574	34.83 0.10 0.00	25.77 0.13 0.00	24.55 0.26 0.00	22.05 0.22 0.00	21.93 0.24 0.00	23.18 0.25 0.00	24.29 0.21 0.00	24.18 0.15 0.00	20.84 0.03 0.00	21.30 0.02 0.00	20.95 0.10 0.00	21.42 0.12 0.00	21.04 0.12 0.00	21.54 0.17 0.00	21.63 0.21 0.00	21.90 0.24 0.00	24.46 0.24 0.00	27.58 0.34 0.00	37.25 0.39 0.00	38.13 0.31 0.00	25.14 0.36 0.00	22.07 0.32 0.00	22.51 0.17 0.00	21.70 0.02 0.00
ALBANY___LFGE 323615	35.21 0.49 0.00	26.04 0.39 0.00	24.77 0.48 0.00	22.24 0.41 0.00	22.11 0.43 0.00	23.38 0.44 0.00	24.48 0.40 0.00	24.39 0.36 0.00	21.05 0.23 0.00	21.51 0.24 0.00	21.16 0.30 0.00	21.63 0.32 0.00	21.24 0.33 0.00	21.76 0.38 0.00	21.85 0.42 0.00	22.12 0.45 0.00	24.73 0.50 0.00	27.88 0.64 0.00	37.67 0.80 0.00	38.56 0.74 0.00	25.41 0.63 0.00	22.28 0.54 0.00	22.74 0.40 0.00	21.91 0.24 0.00
ALCOA_PA_115KV_PL-6C 55860	35.26 0.54 0.00	26.10 0.45 0.00	24.74 0.45 0.00	22.26 0.42 0.00	22.09 0.40 0.00	23.34 0.41 0.00	24.53 0.45 0.00	24.50 0.48 0.00	21.06 0.24 0.00	21.45 0.18 0.00	20.99 0.13 0.00	21.53 0.22 0.00	21.19 0.27 0.00	21.59 0.21 0.00	21.60 0.17 0.00	21.81 0.15 0.00	24.39 0.16 0.00	27.41 0.17 0.00	37.21 0.35 0.00	38.30 0.48 0.00	24.95 0.18 0.00	21.85 0.11 0.00	22.54 0.19 0.00	21.90 0.23 0.00
ALCOA_RYNLDS___DRP 24188	35.26 0.54 0.00	26.10 0.45 0.00	24.74 0.45 0.00	22.26 0.42 0.00	22.09 0.40 0.00	23.34 0.41 0.00	24.53 0.45 0.00	24.50 0.48 0.00	21.06 0.24 0.00	21.45 0.18 0.00	20.99 0.13 0.00	21.53 0.22 0.00	21.19 0.27 0.00	21.59 0.21 0.00	21.60 0.17 0.00	21.81 0.15 0.00	24.39 0.16 0.00	27.41 0.17 0.00	37.21 0.35 0.00	38.30 0.48 0.00	24.95 0.18 0.00	21.85 0.11 0.00	22.54 0.19 0.00	21.90 0.23 0.00
ALCOA___DSASP 323711	35.26 0.54 0.00	26.10 0.46 0.00	24.74 0.45 0.00	22.26 0.42 0.00	22.09 0.40 0.00	23.34 0.41 0.00	24.53 0.45 0.00	24.50 0.48 0.00	21.06 0.24 0.00	21.45 0.18 0.00	20.99 0.13 0.00	21.53 0.22 0.00	21.19 0.27 0.00	21.59 0.21 0.00	21.60 0.17 0.00	21.81 0.15 0.00	24.39 0.16 0.00	27.41 0.17 0.00	37.21 0.34 0.00	38.31 0.49 0.00	24.95 0.17 0.00	21.85 0.11 0.00	22.54 0.19 0.00	21.91 0.23 0.00
ALLEGHENY___COGEN 23514	18.28 -0.65 15.80	16.55 -0.60 8.49	23.76 -0.52 0.00	20.61 -0.48 0.75	21.19 -0.50 0.00	22.56 -0.38 0.00	23.78 -0.30 0.00	23.82 -0.20 0.00	20.47 -0.34 0.00	20.53 -0.74 0.00	19.95 -0.90 0.00	20.29 -1.02 0.00	19.85 -1.07 0.00	20.28 -1.10 0.00	20.29 -1.13 0.00	20.51 -1.15 0.00	23.12 -1.10 0.00	25.94 -1.30 0.00	35.08 -1.55 0.24	37.34 -0.32 0.16	23.42 -0.03 1.33	21.73 -0.01 0.00	22.38 0.04 0.00	21.77 0.09 0.00
ALTAMONT_115KV_TB 2 55880	35.22 0.50 0.00	26.02 0.37 0.00	24.66 0.38 0.00	22.16 0.32 0.00	22.02 0.34 0.00	23.28 0.34 0.00	24.40 0.32 0.00	24.32 0.29 0.00	21.06 0.25 0.00	21.53 0.26 0.00	21.15 0.30 0.00	21.61 0.31 0.00	21.21 0.29 0.00	21.71 0.34 0.00	21.81 0.38 0.00	22.06 0.40 0.00	24.70 0.47 0.00	27.84 0.60 0.00	37.67 0.80 0.00	38.58 0.76 0.00	25.38 0.61 0.00	22.25 0.51 0.00	22.74 0.40 0.00	21.94 0.27 0.00
ALTONA_WT_PWR 323606	35.46 0.74 0.00	26.26 0.61 0.00	24.88 0.59 0.00	22.36 0.52 0.00	22.17 0.48 0.00	23.45 0.52 0.00	24.62 0.54 0.00	24.59 0.57 0.00	21.13 0.32 0.00	21.53 0.26 0.00	21.12 0.26 0.00	21.56 0.25 0.00	21.08 0.16 0.00	21.31 -0.07 0.00	21.24 -0.18 0.00	21.46 -0.20 0.00	24.00 -0.22 0.00	27.17 -0.07 0.00	37.23 0.36 0.00	38.38 0.57 0.00	24.94 0.16 0.00	21.68 -0.06 0.00	22.34 -0.01 0.00	21.75 0.08 0.00
AMERICAN_REF_FUEL 24010	19.98 -3.36 11.38	17.03 -2.50 6.11	21.98 -2.31 0.00	19.28 -2.01 0.54	19.63 -2.05 0.00	20.87 -2.06 0.00	21.99 -2.09 0.00	22.14 -1.89 0.00	19.31 -1.50 0.00	19.55 -1.72 0.00	18.92 -1.93 0.00	19.11 -2.20 0.00	18.82 -2.09 0.00	19.19 -2.18 0.00	19.11 -2.31 0.00	19.41 -2.25 0.00	21.81 -2.41 0.00	24.29 -2.95 0.00	32.44 -4.15 0.27	33.72 -3.92 0.18	21.46 -2.36 0.96	19.76 -1.98 0.00	20.59 -1.75 0.00	20.26 -1.42 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	17.38 -2.91 14.43	15.72 -2.18 7.75	22.37 -1.91 0.00	19.55 -1.60 0.68	20.11 -1.57 0.00	21.43 -1.51 0.00	22.65 -1.43 0.00	22.70 -1.33 0.00	19.86 -0.96 0.00	20.14 -1.13 0.00	19.43 -1.42 0.00	19.69 -1.62 0.00	19.45 -1.47 0.00	19.85 -1.52 0.00	19.86 -1.56 0.00	20.22 -1.44 0.00	22.81 -1.41 0.00	25.49 -1.75 0.00	34.41 -2.21 0.24	35.87 -1.78 0.16	22.38 -1.19 1.21	20.78 -0.96 0.00	21.56 -0.78 0.00	21.01 -0.67 0.00
ARTHUR KILL_GT_1 23520	40.37 1.64 -4.01	39.41 1.16 -12.60	39.58 0.95 -14.34	39.24 0.91 -16.49	39.09 0.88 -16.52	37.80 0.88 -13.99	28.54 0.92 -3.54	39.09 0.80 -14.27	39.08 0.99 -17.28	39.11 1.14 -16.70	52.69 1.24 -30.60	39.68 1.16 -17.21	39.70 1.24 -17.55	40.38 1.31 -17.70	40.27 1.42 -17.42	40.30 1.48 -17.15	38.97 1.63 -13.12	40.30 1.98 -11.08	40.95 2.57 -1.51	41.87 2.27 -1.79	39.78 1.69 -13.31	45.02 1.38 -21.90	39.74 1.14 -16.26	39.29 0.91 -16.70
ARTHUR_KILL_2 23512	40.24 1.51 -4.01	39.33 1.08 -12.60	39.50 0.88 -14.34	39.17 0.84 -16.49	39.02 0.82 -16.52	37.74 0.81 -13.99	28.47 0.85 -3.54	39.02 0.72 -14.27	39.02 0.92 -17.28	39.06 1.08 -16.70	52.64 1.19 -30.60	39.63 1.11 -17.21	39.65 1.18 -17.55	40.32 1.25 -17.70	40.21 1.36 -17.42	40.23 1.42 -17.15	38.90 1.55 -13.12	40.21 1.89 -11.08	40.83 2.44 -1.51	41.74 2.14 -1.79	39.70 1.61 -13.31	44.94 1.30 -21.90	39.67 1.07 -16.26	39.22 0.84 -16.70
ARTHUR_KILL_3 23513	40.11 1.38 -4.01	39.21 0.97 -12.60	39.00 0.76 -13.95	36.14 0.65 -13.64	38.83 0.64 -16.51	33.79 0.64 -10.22	27.30 0.74 -2.49	34.75 0.70 -10.03	38.51 0.82 -16.88	38.99 1.00 -16.71	52.58 1.11 -30.61	40.52 1.08 -18.14	40.64 1.12 -18.60	40.49 1.20 -17.91	40.39 1.33 -17.63	40.35 1.42 -17.26	38.91 1.56 -13.13	42.34 1.81 -13.29	40.67 2.28 -1.52	41.57 1.97 -1.79	39.55 1.45 -13.32	45.66 1.19 -22.73	39.63 1.03 -16.26	39.13 0.76 -16.70

ARTHUR_KILL_COGEN 323718	40.37 1.64 -4.01	39.41 1.16 -12.60	39.58 0.95 -14.34	39.24 0.91 -16.49	39.09 0.88 -16.52	37.80 0.88 -13.99	28.54 0.92 -3.54	39.09 0.80 -14.27	39.08 0.99 -17.28	39.11 1.14 -16.70	52.69 1.24 -30.60	39.68 1.16 -17.21	39.70 1.24 -17.55	40.38 1.31 -17.70	40.27 1.42 -17.42	40.30 1.48 -17.15	38.97 1.63 -13.12	40.30 1.98 -11.08	40.95 2.57 -1.51	41.87 2.27 -1.79	39.78 1.69 -13.31	45.02 1.38 -21.90	39.74 1.14 -16.26	39.29 0.91 -16.70
ASHOKAN____ 23654	35.94 1.21 0.00	26.44 0.80 0.00	25.04 0.75 0.00	22.47 0.63 0.00	22.33 0.64 0.00	23.60 0.67 0.00	24.75 0.67 0.00	24.68 0.65 0.00	21.34 0.53 0.00	21.81 0.53 0.00	21.36 0.51 0.00	21.95 0.64 0.00	21.56 0.64 0.00	22.13 0.75 0.00	22.17 0.74 0.00	22.40 0.74 0.00	25.09 0.86 0.00	28.46 1.23 0.00	38.63 1.76 0.00	39.61 1.79 0.00	26.04 1.26 0.00	22.74 1.00 0.00	23.16 0.81 0.00	22.25 0.58 0.00
ASTORIA_EAST_ENERGY_CC1 323581	36.30 1.58 0.00	26.79 1.15 0.00	25.18 0.90 0.00	22.61 0.78 0.00	22.40 0.72 0.00	23.65 0.72 0.00	24.93 0.85 0.00	24.84 0.81 0.00	21.74 0.92 0.00	22.36 1.09 0.00	22.08 1.22 0.00	22.47 1.16 0.00	22.17 1.26 0.00	22.68 1.31 0.00	22.86 1.44 0.00	23.19 1.53 0.00	25.91 1.68 0.00	29.18 1.94 0.00	39.34 2.47 0.00	39.91 2.09 0.00	26.41 1.63 0.00	23.05 1.31 0.00	23.44 1.10 0.00	22.50 0.82 0.00
ASTORIA_EAST_ENERGY_CC2 323582	36.30 1.58 0.00	26.79 1.15 0.00	25.18 0.90 0.00	22.61 0.78 0.00	22.40 0.72 0.00	23.65 0.72 0.00	24.93 0.85 0.00	24.84 0.81 0.00	21.73 0.92 0.00	22.36 1.09 0.00	22.08 1.22 0.00	22.47 1.16 0.00	22.17 1.26 0.00	22.68 1.31 0.00	22.86 1.44 0.00	23.19 1.53 0.00	25.91 1.68 0.00	29.18 1.94 0.00	39.34 2.47 0.00	39.91 2.09 0.00	26.41 1.63 0.00	23.05 1.31 0.00	23.44 1.10 0.00	22.50 0.82 0.00
ASTORIA_GT2_1 24094	36.32 1.60 0.00	26.80 1.16 0.00	25.20 0.91 0.00	22.63 0.79 0.00	22.42 0.74 0.00	23.67 0.74 0.00	24.94 0.86 0.00	24.84 0.81 0.00	21.75 0.94 0.00	22.36 1.08 0.00	22.09 1.23 0.00	22.49 1.18 0.00	22.17 1.26 0.00	22.69 1.32 0.00	22.87 1.45 0.00	23.20 1.54 0.00	25.92 1.70 0.00	29.20 1.96 0.00	39.36 2.49 0.00	39.94 2.12 0.00	26.41 1.64 0.00	23.06 1.32 0.00	23.46 1.12 0.00	22.51 0.83 0.00
ASTORIA_GT2_2 24095	36.32 1.60 0.00	26.80 1.16 0.00	25.20 0.91 0.00	22.63 0.79 0.00	22.42 0.74 0.00	23.67 0.74 0.00	24.94 0.86 0.00	24.84 0.81 0.00	21.75 0.94 0.00	22.36 1.08 0.00	22.09 1.23 0.00	22.49 1.18 0.00	22.17 1.26 0.00	22.69 1.32 0.00	22.87 1.45 0.00	23.20 1.54 0.00	25.92 1.70 0.00	29.20 1.96 0.00	39.36 2.49 0.00	39.94 2.12 0.00	26.41 1.64 0.00	23.06 1.32 0.00	23.46 1.12 0.00	22.51 0.83 0.00
ASTORIA_GT2_3 24096	36.32 1.60 0.00	26.80 1.16 0.00	25.20 0.91 0.00	22.63 0.79 0.00	22.42 0.74 0.00	23.67 0.74 0.00	24.94 0.86 0.00	24.84 0.81 0.00	21.75 0.94 0.00	22.36 1.08 0.00	22.09 1.23 0.00	22.49 1.18 0.00	22.17 1.26 0.00	22.69 1.32 0.00	22.87 1.45 0.00	23.20 1.54 0.00	25.92 1.70 0.00	29.20 1.96 0.00	39.36 2.49 0.00	39.94 2.12 0.00	26.41 1.64 0.00	23.06 1.32 0.00	23.46 1.12 0.00	22.51 0.83 0.00
ASTORIA_GT2_4 24097	36.32 1.60 0.00	26.80 1.16 0.00	25.20 0.91 0.00	22.63 0.79 0.00	22.42 0.74 0.00	23.67 0.74 0.00	24.94 0.86 0.00	24.84 0.81 0.00	21.75 0.94 0.00	22.36 1.08 0.00	22.09 1.23 0.00	22.49 1.18 0.00	22.17 1.26 0.00	22.69 1.32 0.00	22.87 1.45 0.00	23.20 1.54 0.00	25.92 1.70 0.00	29.20 1.96 0.00	39.36 2.49 0.00	39.94 2.12 0.00	26.41 1.64 0.00	23.06 1.32 0.00	23.46 1.12 0.00	22.51 0.83 0.00
ASTORIA_GT3_1 24098	36.32 1.60 0.00	26.80 1.16 0.00	25.20 0.91 0.00	22.63 0.79 0.00	22.42 0.74 0.00	23.67 0.74 0.00	24.94 0.86 0.00	24.84 0.81 0.00	21.75 0.94 0.00	22.36 1.08 0.00	22.09 1.23 0.00	22.49 1.18 0.00	22.17 1.26 0.00	22.69 1.32 0.00	22.87 1.45 0.00	23.20 1.54 0.00	25.92 1.70 0.00	29.20 1.96 0.00	39.36 2.49 0.00	39.94 2.12 0.00	26.41 1.64 0.00	23.06 1.32 0.00	23.46 1.12 0.00	22.51 0.83 0.00
ASTORIA_GT3_2 24099	36.32 1.60 0.00	26.80 1.16 0.00	25.20 0.91 0.00	22.63 0.79 0.00	22.42 0.74 0.00	23.67 0.74 0.00	24.94 0.86 0.00	24.84 0.81 0.00	21.75 0.94 0.00	22.36 1.08 0.00	22.09 1.23 0.00	22.49 1.18 0.00	22.17 1.26 0.00	22.69 1.32 0.00	22.87 1.45 0.00	23.20 1.54 0.00	25.92 1.70 0.00	29.20 1.96 0.00	39.36 2.49 0.00	39.94 2.12 0.00	26.41 1.64 0.00	23.06 1.32 0.00	23.46 1.12 0.00	22.51 0.83 0.00
ASTORIA_GT3_3 24100	36.32 1.60 0.00	26.80 1.16 0.00	25.20 0.91 0.00	22.63 0.79 0.00	22.42 0.74 0.00	23.67 0.74 0.00	24.94 0.86 0.00	24.84 0.81 0.00	21.75 0.94 0.00	22.36 1.08 0.00	22.09 1.23 0.00	22.49 1.18 0.00	22.17 1.26 0.00	22.69 1.32 0.00	22.87 1.45 0.00	23.20 1.54 0.00	25.92 1.70 0.00	29.20 1.96 0.00	39.36 2.49 0.00	39.94 2.12 0.00	26.41 1.64 0.00	23.06 1.32 0.00	23.46 1.12 0.00	22.51 0.83 0.00
ASTORIA_GT3_4 24101	36.32 1.60 0.00	26.80 1.16 0.00	25.20 0.91 0.00	22.63 0.79 0.00	22.42 0.74 0.00	23.67 0.74 0.00	24.94 0.86 0.00	24.84 0.81 0.00	21.75 0.94 0.00	22.36 1.08 0.00	22.09 1.23 0.00	22.49 1.18 0.00	22.17 1.26 0.00	22.69 1.32 0.00	22.87 1.45 0.00	23.20 1.54 0.00	25.92 1.70 0.00	29.20 1.96 0.00	39.36 2.49 0.00	39.94 2.12 0.00	26.41 1.64 0.00	23.06 1.32 0.00	23.46 1.12 0.00	22.51 0.83 0.00
ASTORIA_GT4_1 24102	36.32 1.60 0.00	26.80 1.16 0.00	25.20 0.91 0.00	22.63 0.79 0.00	22.42 0.74 0.00	23.67 0.74 0.00	24.94 0.86 0.00	24.84 0.81 0.00	21.75 0.94 0.00	22.36 1.08 0.00	22.09 1.23 0.00	22.49 1.18 0.00	22.17 1.26 0.00	22.69 1.32 0.00	22.87 1.45 0.00	23.20 1.54 0.00	25.92 1.70 0.00	29.20 1.96 0.00	39.36 2.49 0.00	39.94 2.12 0.00	26.41 1.64 0.00	23.06 1.32 0.00	23.46 1.12 0.00	22.51 0.83 0.00
ASTORIA_GT4_2 24103	36.32 1.60 0.00	26.80 1.16 0.00	25.20 0.91 0.00	22.63 0.79 0.00	22.42 0.74 0.00	23.67 0.74 0.00	24.94 0.86 0.00	24.84 0.81 0.00	21.75 0.94 0.00	22.36 1.08 0.00	22.09 1.23 0.00	22.49 1.18 0.00	22.17 1.26 0.00	22.69 1.32 0.00	22.87 1.45 0.00	23.20 1.54 0.00	25.92 1.70 0.00	29.20 1.96 0.00	39.36 2.49 0.00	39.94 2.12 0.00	26.41 1.64 0.00	23.06 1.32 0.00	23.46 1.12 0.00	22.51 0.83 0.00
ASTORIA_GT4_3 24104	36.32 1.60 0.00	26.80 1.16 0.00	25.20 0.91 0.00	22.63 0.79 0.00	22.42 0.74 0.00	23.67 0.74 0.00	24.94 0.86 0.00	24.84 0.81 0.00	21.75 0.94 0.00	22.36 1.08 0.00	22.09 1.23 0.00	22.49 1.18 0.00	22.17 1.26 0.00	22.69 1.32 0.00	22.87 1.45 0.00	23.20 1.54 0.00	25.92 1.70 0.00	29.20 1.96 0.00	39.36 2.49 0.00	39.94 2.12 0.00	26.41 1.64 0.00	23.06 1.32 0.00	23.46 1.12 0.00	22.51 0.83 0.00

ASTORIA_GT4_4 24105	36.32 1.60 0.00	26.80 1.16 0.00	25.20 0.91 0.00	22.63 0.79 0.00	22.42 0.74 0.00	23.67 0.74 0.00	24.94 0.86 0.00	24.84 0.81 0.00	21.75 0.94 0.00	22.36 1.08 0.00	22.09 1.23 0.00	22.49 1.18 0.00	22.17 1.26 0.00	22.69 1.32 0.00	22.87 1.45 0.00	23.20 1.54 0.00	25.92 1.70 0.00	29.20 1.96 0.00	39.36 2.49 0.00	39.94 2.12 0.00	26.41 1.64 0.00	23.06 1.32 0.00	23.46 1.12 0.00	22.51 0.83 0.00
ASTORIA_GT_1 23523	36.39 1.66 0.00	26.85 1.21 0.00	25.24 0.95 0.00	22.66 0.82 0.00	22.45 0.77 0.00	23.70 0.77 0.00	24.98 0.90 0.00	24.88 0.86 0.00	21.78 0.97 0.00	22.40 1.14 0.00	22.13 1.28 0.00	22.53 1.22 0.00	22.22 1.31 0.00	22.74 1.36 0.00	22.92 1.49 0.00	23.24 1.58 0.00	25.98 1.75 0.00	29.25 2.02 0.00	39.44 2.58 0.00	40.02 2.20 0.00	26.47 1.69 0.00	23.11 1.36 0.00	23.50 1.16 0.00	22.55 0.87 0.00
ASTORIA_GT_10 24110	36.34 1.62 0.00	26.80 1.15 0.00	25.21 0.92 0.00	22.67 0.83 0.00	22.49 0.80 0.00	23.71 0.77 0.00	24.94 0.86 0.00	24.85 0.82 0.00	21.80 0.99 0.00	22.42 1.15 0.00	22.12 1.27 0.00	22.54 1.23 0.00	22.43 1.29 -0.23	22.77 1.36 -0.03	23.02 1.49 -0.11	23.23 1.56 0.00	25.93 1.71 0.00	29.23 2.00 0.00	39.39 2.53 0.00	40.03 2.21 0.00	26.42 1.64 0.00	23.09 1.35 0.00	23.48 1.14 0.00	22.55 0.87 0.00
ASTORIA_GT_11 24225	36.34 1.62 0.00	26.80 1.15 0.00	25.21 0.92 0.00	22.67 0.83 0.00	22.49 0.80 0.00	23.71 0.77 0.00	24.94 0.86 0.00	24.85 0.82 0.00	21.80 0.99 0.00	22.42 1.15 0.00	22.12 1.27 0.00	22.54 1.23 0.00	22.43 1.29 -0.23	22.77 1.36 -0.03	23.02 1.49 -0.11	23.23 1.56 0.00	25.93 1.71 0.00	29.23 2.00 0.00	39.39 2.53 0.00	40.03 2.21 0.00	26.42 1.64 0.00	23.09 1.35 0.00	23.48 1.14 0.00	22.55 0.87 0.00
ASTORIA_GT_12 24226	36.34 1.62 0.00	26.80 1.15 0.00	25.21 0.92 0.00	22.67 0.83 0.00	22.49 0.80 0.00	23.71 0.77 0.00	24.94 0.86 0.00	24.85 0.82 0.00	21.80 0.99 0.00	22.42 1.15 0.00	22.12 1.27 0.00	22.54 1.23 0.00	22.43 1.29 -0.23	22.77 1.36 -0.03	23.02 1.49 -0.11	23.23 1.56 0.00	25.93 1.71 0.00	29.23 2.00 0.00	39.39 2.53 0.00	40.03 2.21 0.00	26.42 1.64 0.00	23.09 1.35 0.00	23.48 1.14 0.00	22.55 0.87 0.00
ASTORIA_GT_13 24227	36.34 1.62 0.00	26.80 1.15 0.00	25.21 0.92 0.00	22.67 0.83 0.00	22.49 0.80 0.00	23.71 0.77 0.00	24.94 0.86 0.00	24.85 0.82 0.00	21.80 0.99 0.00	22.42 1.15 0.00	22.12 1.27 0.00	22.54 1.23 0.00	22.43 1.29 -0.23	22.77 1.36 -0.03	23.02 1.49 -0.11	23.23 1.56 0.00	25.93 1.71 0.00	29.23 2.00 0.00	39.39 2.53 0.00	40.03 2.21 0.00	26.42 1.64 0.00	23.09 1.35 0.00	23.48 1.14 0.00	22.55 0.87 0.00
ASTORIA_GT_5 24106	36.39 1.67 0.00	26.85 1.21 0.00	25.24 0.95 0.00	22.66 0.82 0.00	22.46 0.77 0.00	23.70 0.77 0.00	24.98 0.90 0.00	24.89 0.86 0.00	21.79 0.98 0.00	22.39 1.12 0.00	22.13 1.27 0.00	22.53 1.22 0.00	22.22 1.30 0.00	22.74 1.37 0.00	22.92 1.49 0.00	23.24 1.58 0.00	25.98 1.75 0.00	29.26 2.02 0.00	39.44 2.58 0.00	40.02 2.21 0.00	26.46 1.69 0.00	23.11 1.36 0.00	23.50 1.16 0.00	22.55 0.87 0.00
ASTORIA_GT_7 24107	36.39 1.67 0.00	26.85 1.21 0.00	25.24 0.95 0.00	22.66 0.82 0.00	22.46 0.77 0.00	23.70 0.77 0.00	24.98 0.90 0.00	24.89 0.86 0.00	21.79 0.98 0.00	22.39 1.12 0.00	22.13 1.27 0.00	22.53 1.22 0.00	22.22 1.30 0.00	22.74 1.37 0.00	22.92 1.49 0.00	23.24 1.58 0.00	25.98 1.75 0.00	29.26 2.02 0.00	39.44 2.58 0.00	40.02 2.21 0.00	26.46 1.69 0.00	23.11 1.36 0.00	23.50 1.16 0.00	22.55 0.87 0.00
ASTORIA_GT_8 24108	36.39 1.67 0.00	26.85 1.21 0.00	25.24 0.95 0.00	22.66 0.82 0.00	22.46 0.77 0.00	23.70 0.77 0.00	24.98 0.90 0.00	24.89 0.86 0.00	21.79 0.98 0.00	22.39 1.12 0.00	22.13 1.27 0.00	22.53 1.22 0.00	22.22 1.30 0.00	22.74 1.37 0.00	22.92 1.49 0.00	23.24 1.58 0.00	25.98 1.75 0.00	29.26 2.02 0.00	39.44 2.58 0.00	40.02 2.21 0.00	26.46 1.69 0.00	23.11 1.36 0.00	23.50 1.16 0.00	22.55 0.87 0.00
ASTORIA___2 24149	36.32 1.60 0.00	26.80 1.16 0.00	25.19 0.90 0.00	22.63 0.79 0.00	22.42 0.73 0.00	23.67 0.74 0.00	24.94 0.86 0.00	24.84 0.81 0.00	21.74 0.92 0.00	22.37 1.09 0.00	22.09 1.24 0.00	22.49 1.18 0.00	22.18 1.26 0.00	22.69 1.32 0.00	22.87 1.45 0.00	23.20 1.54 0.00	25.92 1.69 0.00	29.19 1.96 0.00	39.37 2.50 0.00	39.94 2.12 0.00	26.42 1.64 0.00	23.06 1.32 0.00	23.46 1.11 0.00	22.51 0.83 0.00
ASTORIA___3 23516	36.34 1.62 0.00	26.80 1.15 0.00	25.21 0.92 0.00	22.67 0.83 0.00	22.49 0.80 0.00	23.71 0.77 0.00	24.94 0.86 0.00	24.85 0.82 0.00	21.80 0.98 0.00	22.43 1.16 0.00	22.13 1.27 0.00	22.54 1.23 0.00	22.43 1.29 -0.23	22.77 1.36 -0.03	23.02 1.48 -0.11	23.23 1.56 0.00	25.93 1.70 0.00	29.23 1.99 0.00	39.39 2.53 0.00	40.02 2.21 0.00	26.42 1.64 0.00	23.09 1.34 0.00	23.48 1.13 0.00	22.55 0.87 0.00
ASTORIA___4 23517	36.34 1.62 0.00	26.80 1.15 0.00	25.21 0.92 0.00	22.67 0.83 0.00	22.49 0.80 0.00	23.71 0.77 0.00	24.94 0.86 0.00	24.85 0.82 0.00	21.80 0.99 0.00	22.42 1.15 0.00	22.12 1.27 0.00	22.54 1.23 0.00	22.43 1.29 -0.23	22.77 1.36 -0.03	23.02 1.49 -0.11	23.23 1.56 0.00	25.93 1.71 0.00	29.23 2.00 0.00	39.39 2.53 0.00	40.03 2.21 0.00	26.42 1.64 0.00	23.09 1.35 0.00	23.48 1.14 0.00	22.55 0.87 0.00
ASTORIA___5 23518	36.34 1.62 0.00	26.80 1.15 0.00	25.21 0.92 0.00	22.67 0.83 0.00	22.49 0.80 0.00	23.71 0.77 0.00	24.94 0.86 0.00	24.85 0.82 0.00	21.80 0.98 0.00	22.42 1.15 0.00	22.13 1.27 0.00	22.54 1.23 0.00	22.43 1.29 -0.23	22.77 1.36 -0.03	23.02 1.48 -0.11	23.23 1.56 0.00	25.93 1.70 0.00	29.23 1.99 0.00	39.39 2.53 0.00	40.02 2.21 0.00	26.42 1.64 0.00	23.09 1.34 0.00	23.48 1.13 0.00	22.55 0.87 0.00
AST_ENERGY_2_CC3 323677	36.17 1.45 0.00	26.67 1.03 0.00	25.11 0.82 0.00	22.55 0.71 0.00	22.38 0.69 0.00	23.62 0.68 0.00	24.86 0.78 0.00	24.77 0.75 0.00	21.69 0.87 0.00	22.33 1.05 0.00	22.03 1.17 0.00	22.44 1.13 0.00	22.12 1.20 0.00	22.64 1.27 0.00	22.82 1.40 0.00	23.13 1.47 0.00	25.85 1.63 0.00	29.14 1.90 0.00	39.24 2.38 0.00	39.88 2.07 0.00	26.30 1.52 0.00	22.98 1.24 0.00	23.41 1.07 0.00	22.46 0.79 0.00
AST_ENERGY_2_CC4 323678	36.17 1.45 0.00	26.67 1.03 0.00	25.11 0.82 0.00	22.55 0.71 0.00	22.38 0.69 0.00	23.62 0.68 0.00	24.86 0.78 0.00	24.77 0.75 0.00	21.69 0.87 0.00	22.33 1.05 0.00	22.03 1.17 0.00	22.44 1.13 0.00	22.12 1.20 0.00	22.64 1.27 0.00	22.82 1.40 0.00	23.13 1.47 0.00	25.85 1.63 0.00	29.14 1.90 0.00	39.24 2.38 0.00	39.88 2.07 0.00	26.30 1.52 0.00	22.98 1.24 0.00	23.41 1.07 0.00	22.46 0.79 0.00

ATHENS_STG_1 23668	35.34 0.61 0.00	26.07 0.43 0.00	24.65 0.35 0.00	22.15 0.31 0.00	22.00 0.32 0.00	23.25 0.31 0.00	24.39 0.31 0.00	24.31 0.28 0.00	21.16 0.35 0.00	21.69 0.41 0.00	21.31 0.46 0.00	21.76 0.45 0.00	21.37 0.45 0.00	21.89 0.52 0.00	22.02 0.59 0.00	22.29 0.63 0.00	24.95 0.72 0.00	28.12 0.88 0.00	37.99 1.12 0.00	38.80 0.99 0.00	25.53 0.75 0.00	22.35 0.61 0.00	22.83 0.49 0.00	22.00 0.32 0.00
ATHENS_STG_2 23670	35.34 0.61 0.00	26.07 0.43 0.00	24.65 0.35 0.00	22.15 0.31 0.00	22.00 0.32 0.00	23.25 0.31 0.00	24.39 0.31 0.00	24.31 0.28 0.00	21.16 0.35 0.00	21.69 0.41 0.00	21.31 0.46 0.00	21.76 0.45 0.00	21.37 0.45 0.00	21.89 0.52 0.00	22.02 0.59 0.00	22.29 0.63 0.00	24.95 0.72 0.00	28.12 0.88 0.00	37.99 1.12 0.00	38.80 0.99 0.00	25.53 0.75 0.00	22.35 0.61 0.00	22.83 0.49 0.00	22.00 0.32 0.00
ATHENS_STG_3 23677	35.34 0.61 0.00	26.07 0.43 0.00	24.65 0.35 0.00	22.15 0.31 0.00	22.00 0.32 0.00	23.25 0.31 0.00	24.39 0.31 0.00	24.31 0.28 0.00	21.16 0.35 0.00	21.69 0.41 0.00	21.31 0.46 0.00	21.76 0.45 0.00	21.37 0.45 0.00	21.89 0.52 0.00	22.02 0.59 0.00	22.29 0.63 0.00	24.95 0.72 0.00	28.12 0.88 0.00	37.99 1.12 0.00	38.80 0.99 0.00	25.53 0.75 0.00	22.35 0.61 0.00	22.83 0.49 0.00	22.00 0.32 0.00
AUBURN___LFGE 323710	30.53 -0.27 3.92	23.28 -0.26 2.11	24.06 -0.23 0.00	21.43 -0.22 0.19	21.37 -0.31 0.00	22.64 -0.29 0.00	23.77 -0.31 0.00	23.72 -0.30 0.00	20.58 -0.23 0.00	21.02 -0.25 0.00	20.54 -0.32 0.00	20.93 -0.38 0.00	20.51 -0.40 0.00	20.94 -0.43 0.00	20.95 -0.48 0.00	21.20 -0.47 0.00	23.76 -0.46 0.00	26.77 -0.47 0.00	36.27 -0.60 0.00	37.36 -0.46 0.00	24.15 -0.30 0.33	21.47 -0.27 0.00	22.07 -0.28 0.00	21.49 -0.18 0.00
BABYLON_RES_REC 323704	36.56 1.84 0.00	27.10 1.45 0.00	45.51 1.22 -20.01	62.75 1.00 -39.91	37.79 0.95 -15.15	38.06 0.97 -14.16	31.53 1.06 -6.38	26.10 1.03 -1.04	26.64 1.14 -4.69	37.01 1.36 -14.37	26.81 1.32 -4.64	26.85 1.25 -4.29	30.28 1.24 -8.13	34.62 1.34 -11.90	51.13 1.47 -28.23	37.08 1.57 -13.85	74.94 1.73 -48.99	49.78 2.08 -20.46	62.38 2.62 -22.89	40.13 2.31 0.00	26.53 1.76 0.00	23.58 1.49 -0.36	26.43 1.51 -2.57	22.82 1.15 0.00
BABYLON__69_KV_BK2 356345	36.91 2.18 0.00	27.34 1.70 0.00	45.77 1.47 -20.01	62.98 1.23 -39.91	38.00 1.17 -15.15	38.29 1.19 -14.16	31.74 1.28 -6.38	26.31 1.25 -1.04	26.85 1.35 -4.69	37.24 1.59 -14.37	27.15 1.65 -4.64	27.25 1.66 -4.29	30.71 1.67 -8.13	35.07 1.80 -11.90	51.61 1.95 -28.23	37.58 2.07 -13.85	75.58 2.36 -48.99	50.51 2.81 -20.46	63.35 3.59 -22.89	41.05 3.24 0.00	27.07 2.30 0.00	23.99 1.89 -0.35	26.68 1.76 -2.57	23.04 1.36 0.00
BALL_HILL_WT_PWR 323825	18.66 -2.80 13.26	16.43 -2.09 7.12	22.44 -1.84 0.00	19.58 -1.62 0.63	20.07 -1.62 0.00	21.36 -1.58 0.00	22.55 -1.53 0.00	22.62 -1.41 0.00	19.77 -1.04 0.00	20.07 -1.20 0.00	19.43 -1.43 0.00	19.66 -1.65 0.00	19.36 -1.56 0.00	19.76 -1.62 0.00	19.75 -1.68 0.00	20.07 -1.59 0.00	22.61 -1.61 0.00	25.25 -1.99 0.00	33.91 -2.70 0.25	35.26 -2.39 0.17	22.12 -1.54 1.12	20.47 -1.27 0.00	21.26 -1.08 0.00	20.76 -0.91 0.00
BARON_WINDS___WT_PWR 323822	12.16 -2.09 20.48	13.00 -1.64 11.00	22.81 -1.47 0.00	19.51 -1.35 0.97	20.36 -1.32 0.00	21.68 -1.26 0.00	22.84 -1.23 0.00	22.87 -1.16 0.00	19.91 -0.90 0.00	20.25 -1.02 0.00	19.70 -1.16 0.00	19.92 -1.39 0.00	19.55 -1.37 0.00	19.96 -1.42 0.00	19.96 -1.46 0.00	20.21 -1.46 0.00	22.85 -1.38 0.00	25.64 -1.60 0.00	34.65 -2.04 0.18	36.07 -1.63 0.12	21.91 -1.14 1.72	20.85 -0.89 0.00	21.51 -0.83 0.00	20.87 -0.81 0.00
BARRETT_IC_1 23704	36.39 1.67 0.00	26.92 1.28 0.00	45.30 1.00 -20.01	62.52 0.77 -39.91	37.69 0.85 -15.15	37.93 0.84 -14.16	31.38 0.91 -6.38	25.94 0.88 -1.04	26.51 1.01 -4.69	36.86 1.21 -14.37	26.84 1.34 -4.64	26.92 1.33 -4.29	30.43 1.39 -8.13	34.77 1.49 -11.90	51.24 1.58 -28.23	37.14 1.63 -13.85	74.97 1.75 -48.99	49.70 2.00 -20.46	62.19 2.43 -22.89	40.05 2.24 0.00	26.46 1.69 0.00	23.56 1.47 -0.36	26.25 1.33 -2.57	22.66 0.98 0.00
BARRETT_IC_10 23701	36.39 1.67 0.00	26.92 1.28 0.00	45.30 1.00 -20.01	62.52 0.77 -39.91	37.69 0.85 -15.15	37.93 0.84 -14.16	31.38 0.91 -6.38	25.94 0.88 -1.04	26.51 1.01 -4.69	36.86 1.21 -14.37	26.84 1.34 -4.64	26.92 1.33 -4.29	30.43 1.39 -8.13	34.77 1.49 -11.90	51.24 1.58 -28.23	37.14 1.63 -13.85	74.97 1.75 -48.99	49.70 2.00 -20.46	62.19 2.43 -22.89	40.05 2.24 0.00	26.46 1.69 0.00	23.56 1.47 -0.36	26.25 1.33 -2.57	22.66 0.98 0.00
BARRETT_IC_11 23702	36.39 1.67 0.00	26.92 1.28 0.00	45.30 1.00 -20.01	62.52 0.77 -39.91	37.69 0.85 -15.15	37.93 0.84 -14.16	31.38 0.91 -6.38	25.94 0.88 -1.04	26.51 1.01 -4.69	36.86 1.21 -14.37	26.84 1.34 -4.64	26.92 1.33 -4.29	30.43 1.39 -8.13	34.77 1.49 -11.90	51.24 1.58 -28.23	37.14 1.63 -13.85	74.97 1.75 -48.99	49.70 2.00 -20.46	62.19 2.43 -22.89	40.05 2.24 0.00	26.46 1.69 0.00	23.56 1.47 -0.36	26.25 1.33 -2.57	22.66 0.98 0.00
BARRETT_IC_12 23703	36.39 1.67 0.00	26.92 1.28 0.00	45.30 1.00 -20.01	62.52 0.77 -39.91	37.69 0.85 -15.15	37.93 0.84 -14.16	31.38 0.91 -6.38	25.94 0.88 -1.04	26.51 1.01 -4.69	36.86 1.21 -14.37	26.84 1.34 -4.64	26.92 1.33 -4.29	30.43 1.39 -8.13	34.77 1.49 -11.90	51.24 1.58 -28.23	37.14 1.63 -13.85	74.97 1.75 -48.99	49.70 2.00 -20.46	62.19 2.43 -22.89	40.05 2.24 0.00	26.46 1.69 0.00	23.56 1.47 -0.36	26.25 1.33 -2.57	22.66 0.98 0.00
BARRETT_IC_2 23705	36.39 1.67 0.00	26.92 1.28 0.00	45.30 1.00 -20.01	62.52 0.77 -39.91	37.69 0.85 -15.15	37.93 0.84 -14.16	31.38 0.91 -6.38	25.94 0.88 -1.04	26.51 1.01 -4.69	36.86 1.21 -14.37	26.84 1.34 -4.64	26.92 1.33 -4.29	30.43 1.39 -8.13	34.77 1.49 -11.90	51.24 1.58 -28.23	37.14 1.63 -13.85	74.97 1.75 -48.99	49.70 2.00 -20.46	62.19 2.43 -22.89	40.05 2.24 0.00	26.46 1.69 0.00	23.56 1.47 -0.36	26.25 1.33 -2.57	22.66 0.98 0.00
BARRETT_IC_3 23706	36.39 1.67 0.00	26.92 1.28 0.00	45.30 1.00 -20.01	62.52 0.77 -39.91	37.69 0.85 -15.15	37.93 0.84 -14.16	31.38 0.91 -6.38	25.94 0.88 -1.04	26.51 1.01 -4.69	36.86 1.21 -14.37	26.84 1.34 -4.64	26.92 1.33 -4.29	30.43 1.39 -8.13	34.77 1.49 -11.90	51.24 1.58 -28.23	37.14 1.63 -13.85	74.97 1.75 -48.99	49.70 2.00 -20.46	62.19 2.43 -22.89	40.05 2.24 0.00	26.46 1.69 0.00	23.56 1.47 -0.36	26.25 1.33 -2.57	22.66 0.98 0.00
BARRETT_IC_4 23707	36.39 1.67 0.00	26.92 1.28 0.00	45.30 1.00 -20.01	62.52 0.77 -39.91	37.69 0.85 -15.15	37.93 0.84 -14.16	31.38 0.91 -6.38	25.94 0.88 -1.04	26.51 1.01 -4.69	36.86 1.21 -14.37	26.84 1.34 -4.64	26.92 1.33 -4.29	30.43 1.39 -8.13	34.77 1.49 -11.90	51.24 1.58 -28.23	37.14 1.63 -13.85	74.97 1.75 -48.99	49.70 2.00 -20.46	62.19 2.43 -22.89	40.05 2.24 0.00	26.46 1.69 0.00	23.56 1.47 -0.36	26.25 1.33 -2.57	22.66 0.98 0.00

BARRETT_IC_5 23708	36.39 1.67 0.00	26.92 1.28 0.00	45.30 1.00 -20.01	62.52 0.77 -39.91	37.69 0.85 -15.15	37.93 0.84 -14.16	31.38 0.91 -6.38	25.94 0.88 -1.04	26.51 1.01 -4.69	36.86 1.21 -14.37	26.84 1.34 -4.64	26.92 1.33 -4.29	30.43 1.39 -8.13	34.77 1.49 -11.90	51.24 1.58 -28.23	37.14 1.63 -13.85	74.97 1.75 -48.99	49.70 2.00 -20.46	62.19 2.43 -22.89	40.05 2.24 0.00	26.46 1.69 0.00	23.56 1.47 -0.36	26.25 1.33 -2.57	22.66 0.98 0.00
BARRETT_IC_6 23709	36.39 1.67 0.00	26.92 1.28 0.00	45.30 1.00 -20.01	62.52 0.77 -39.91	37.69 0.85 -15.15	37.93 0.84 -14.16	31.38 0.91 -6.38	25.94 0.88 -1.04	26.51 1.01 -4.69	36.86 1.21 -14.37	26.84 1.34 -4.64	26.92 1.33 -4.29	30.43 1.39 -8.13	34.77 1.49 -11.90	51.24 1.58 -28.23	37.14 1.63 -13.85	74.97 1.75 -48.99	49.70 2.00 -20.46	62.19 2.43 -22.89	40.05 2.24 0.00	26.46 1.69 0.00	23.56 1.47 -0.36	26.25 1.33 -2.57	22.66 0.98 0.00
BARRETT_IC_7 23710	36.39 1.66 0.00	26.92 1.27 0.00	45.31 1.01 -20.01	62.52 0.78 -39.91	37.69 0.85 -15.15	37.93 0.84 -14.16	31.38 0.91 -6.38	25.95 0.88 -1.04	26.51 1.01 -4.69	36.86 1.21 -14.37	26.84 1.34 -4.64	26.92 1.33 -4.29	30.43 1.39 -8.13	34.77 1.49 -11.90	51.24 1.58 -28.23	37.14 1.63 -13.85	74.97 1.75 -48.99	49.70 2.01 -20.46	62.19 2.43 -22.89	40.05 2.23 0.00	26.46 1.69 0.00	23.56 1.47 -0.35	26.25 1.33 -2.57	22.66 0.98 0.00
BARRETT_IC_8 23711	36.39 1.67 0.00	26.92 1.28 0.00	45.30 1.00 -20.01	62.52 0.77 -39.91	37.69 0.85 -15.15	37.93 0.84 -14.16	31.38 0.91 -6.38	25.94 0.88 -1.04	26.51 1.01 -4.69	36.86 1.21 -14.37	26.84 1.34 -4.64	26.92 1.33 -4.29	30.43 1.39 -8.13	34.77 1.49 -11.90	51.24 1.58 -28.23	37.14 1.63 -13.85	74.97 1.75 -48.99	49.70 2.00 -20.46	62.19 2.43 -22.89	40.05 2.24 0.00	26.46 1.69 0.00	23.56 1.47 -0.36	26.25 1.33 -2.57	22.66 0.98 0.00
BARRETT_IC_9 23700	36.39 1.67 0.00	26.92 1.28 0.00	45.30 1.00 -20.01	62.52 0.77 -39.91	37.69 0.85 -15.15	37.93 0.84 -14.16	31.38 0.91 -6.38	25.94 0.88 -1.04	26.51 1.01 -4.69	36.86 1.21 -14.37	26.84 1.34 -4.64	26.92 1.33 -4.29	30.43 1.39 -8.13	34.77 1.49 -11.90	51.24 1.58 -28.23	37.14 1.63 -13.85	74.97 1.75 -48.99	49.70 2.00 -20.46	62.19 2.43 -22.89	40.05 2.24 0.00	26.46 1.69 0.00	23.56 1.47 -0.36	26.25 1.33 -2.57	22.66 0.98 0.00
BARRETT___1 23545	36.39 1.67 0.00	26.92 1.28 0.00	45.30 1.00 -20.01	62.52 0.77 -39.91	37.69 0.85 -15.15	37.93 0.84 -14.16	31.38 0.91 -6.38	25.94 0.88 -1.04	26.51 1.01 -4.69	36.86 1.21 -14.37	26.84 1.34 -4.64	26.92 1.33 -4.29	30.43 1.39 -8.13	34.77 1.49 -11.90	51.24 1.58 -28.23	37.14 1.63 -13.85	74.97 1.75 -48.99	49.70 2.00 -20.46	62.19 2.43 -22.89	40.05 2.24 0.00	26.46 1.69 0.00	23.56 1.47 -0.36	26.25 1.33 -2.57	22.66 0.98 0.00
BARRETT___2 23546	36.39 1.67 0.00	26.92 1.28 0.00	45.30 1.00 -20.01	62.52 0.77 -39.91	37.69 0.85 -15.15	37.93 0.84 -14.16	31.38 0.91 -6.38	25.94 0.88 -1.04	26.51 1.01 -4.69	36.86 1.21 -14.37	26.84 1.34 -4.64	26.92 1.33 -4.29	30.43 1.39 -8.13	34.77 1.49 -11.90	51.24 1.58 -28.23	37.14 1.63 -13.85	74.97 1.75 -48.99	49.70 2.00 -20.46	62.19 2.43 -22.89	40.05 2.24 0.00	26.46 1.69 0.00	23.56 1.47 -0.36	26.25 1.33 -2.57	22.66 0.98 0.00
BATAVIA__115KV_TB1 55881	23.00 -1.83 9.89	18.93 -1.40 5.31	23.00 -1.29 0.00	20.25 -1.12 0.47	20.53 -1.16 0.00	21.82 -1.12 0.00	23.00 -1.08 0.00	23.10 -0.92 0.00	20.05 -0.76 0.00	20.28 -0.99 0.00	19.68 -1.17 0.00	19.91 -1.40 0.00	19.76 -1.16 0.00	19.94 -1.43 0.00	19.83 -1.60 0.00	20.13 -1.53 0.00	22.62 -1.61 0.00	25.37 -1.87 0.00	34.22 -2.36 0.28	35.75 -1.88 0.19	22.87 -1.08 0.83	20.80 -0.94 0.00	21.58 -0.77 0.00	21.14 -0.54 0.00
BAYONEEC___CTG1 323682	36.22 1.49 0.00	26.70 1.06 0.00	25.13 0.84 0.00	22.57 0.73 0.00	22.39 0.71 0.00	23.64 0.71 0.00	24.88 0.80 0.00	24.80 0.77 0.00	21.70 0.89 0.00	22.34 1.07 0.00	22.04 1.18 0.00	22.45 1.14 0.00	22.12 1.20 0.00	22.65 1.28 0.00	22.84 1.41 0.00	23.15 1.49 0.00	25.87 1.64 0.00	29.15 1.91 0.00	39.28 2.41 0.00	39.91 2.09 0.00	26.32 1.54 0.00	23.01 1.27 0.00	23.44 1.09 0.00	22.49 0.81 0.00
BAYONEEC___CTG10 323750	36.22 1.49 0.00	26.70 1.06 0.00	25.13 0.84 0.00	22.57 0.73 0.00	22.39 0.71 0.00	23.64 0.71 0.00	24.88 0.80 0.00	24.80 0.77 0.00	21.70 0.89 0.00	22.34 1.07 0.00	22.04 1.18 0.00	22.45 1.14 0.00	22.12 1.20 0.00	22.65 1.28 0.00	22.84 1.41 0.00	23.15 1.49 0.00	25.87 1.64 0.00	29.15 1.91 0.00	39.28 2.41 0.00	39.91 2.09 0.00	26.32 1.54 0.00	23.01 1.27 0.00	23.44 1.09 0.00	22.49 0.81 0.00
BAYONEEC___CTG2 323683	36.22 1.49 0.00	26.70 1.06 0.00	25.13 0.84 0.00	22.57 0.73 0.00	22.39 0.71 0.00	23.64 0.71 0.00	24.88 0.80 0.00	24.80 0.77 0.00	21.70 0.89 0.00	22.34 1.07 0.00	22.04 1.18 0.00	22.45 1.14 0.00	22.12 1.20 0.00	22.65 1.28 0.00	22.84 1.41 0.00	23.15 1.49 0.00	25.87 1.64 0.00	29.15 1.91 0.00	39.28 2.41 0.00	39.91 2.09 0.00	26.32 1.54 0.00	23.01 1.27 0.00	23.44 1.09 0.00	22.49 0.81 0.00
BAYONEEC___CTG3 323684	36.22 1.49 0.00	26.70 1.06 0.00	25.13 0.84 0.00	22.57 0.73 0.00	22.39 0.71 0.00	23.64 0.71 0.00	24.88 0.80 0.00	24.80 0.77 0.00	21.70 0.89 0.00	22.34 1.07 0.00	22.04 1.18 0.00	22.45 1.14 0.00	22.12 1.20 0.00	22.65 1.28 0.00	22.84 1.41 0.00	23.15 1.49 0.00	25.87 1.64 0.00	29.15 1.91 0.00	39.28 2.41 0.00	39.91 2.09 0.00	26.32 1.54 0.00	23.01 1.27 0.00	23.44 1.09 0.00	22.49 0.81 0.00
BAYONEEC___CTG4 323685	36.22 1.49 0.00	26.70 1.06 0.00	25.13 0.84 0.00	22.57 0.73 0.00	22.39 0.71 0.00	23.64 0.71 0.00	24.88 0.80 0.00	24.80 0.77 0.00	21.70 0.89 0.00	22.34 1.07 0.00	22.04 1.18 0.00	22.45 1.14 0.00	22.12 1.20 0.00	22.65 1.28 0.00	22.84 1.41 0.00	23.15 1.49 0.00	25.87 1.64 0.00	29.15 1.91 0.00	39.28 2.41 0.00	39.91 2.09 0.00	26.32 1.54 0.00	23.01 1.27 0.00	23.44 1.09 0.00	22.49 0.81 0.00
BAYONEEC___CTG5 323686	36.22 1.49 0.00	26.70 1.06 0.00	25.13 0.84 0.00	22.57 0.73 0.00	22.39 0.71 0.00	23.64 0.71 0.00	24.88 0.80 0.00	24.80 0.77 0.00	21.70 0.89 0.00	22.34 1.07 0.00	22.04 1.18 0.00	22.45 1.14 0.00	22.12 1.20 0.00	22.65 1.28 0.00	22.84 1.41 0.00	23.15 1.49 0.00	25.87 1.64 0.00	29.15 1.91 0.00	39.28 2.41 0.00	39.91 2.09 0.00	26.32 1.54 0.00	23.01 1.27 0.00	23.44 1.09 0.00	22.49 0.81 0.00
BAYONEEC___CTG6 323687	36.22 1.49 0.00	26.70 1.06 0.00	25.13 0.84 0.00	22.57 0.73 0.00	22.39 0.71 0.00	23.64 0.71 0.00	24.88 0.80 0.00	24.80 0.77 0.00	21.70 0.89 0.00	22.34 1.07 0.00	22.04 1.18 0.00	22.45 1.14 0.00	22.12 1.20 0.00	22.65 1.28 0.00	22.84 1.41 0.00	23.15 1.49 0.00	25.87 1.64 0.00	29.15 1.91 0.00	39.28 2.41 0.00	39.91 2.09 0.00	26.32 1.54 0.00	23.01 1.27 0.00	23.44 1.09 0.00	22.49 0.81 0.00

BAYONEEC___CTG7 323688	36.22 1.49 0.00	26.70 1.06 0.00	25.13 0.84 0.00	22.57 0.73 0.00	22.39 0.71 0.00	23.64 0.71 0.00	24.88 0.80 0.00	24.80 0.77 0.00	21.70 0.89 0.00	22.34 1.07 0.00	22.04 1.18 0.00	22.45 1.14 0.00	22.12 1.20 0.00	22.65 1.28 0.00	22.84 1.41 0.00	23.15 1.49 0.00	25.87 1.64 0.00	29.15 1.91 0.00	39.28 2.41 0.00	39.91 2.09 0.00	26.32 1.54 0.00	23.01 1.27 0.00	23.44 1.09 0.00	22.49 0.81 0.00
BAYONEEC___CTG8 323689	36.22 1.49 0.00	26.70 1.06 0.00	25.13 0.84 0.00	22.57 0.73 0.00	22.39 0.71 0.00	23.64 0.71 0.00	24.88 0.80 0.00	24.80 0.77 0.00	21.70 0.89 0.00	22.34 1.07 0.00	22.04 1.18 0.00	22.45 1.14 0.00	22.12 1.20 0.00	22.65 1.28 0.00	22.84 1.41 0.00	23.15 1.49 0.00	25.87 1.64 0.00	29.15 1.91 0.00	39.28 2.41 0.00	39.91 2.09 0.00	26.32 1.54 0.00	23.01 1.27 0.00	23.44 1.09 0.00	22.49 0.81 0.00
BAYONEEC___CTG9 323749	36.22 1.49 0.00	26.70 1.06 0.00	25.13 0.84 0.00	22.57 0.73 0.00	22.39 0.71 0.00	23.64 0.71 0.00	24.88 0.80 0.00	24.80 0.77 0.00	21.70 0.89 0.00	22.34 1.07 0.00	22.04 1.18 0.00	22.45 1.14 0.00	22.12 1.20 0.00	22.65 1.28 0.00	22.84 1.41 0.00	23.15 1.49 0.00	25.87 1.64 0.00	29.15 1.91 0.00	39.28 2.41 0.00	39.91 2.09 0.00	26.32 1.54 0.00	23.01 1.27 0.00	23.44 1.09 0.00	22.49 0.81 0.00
BEACON___LESR 323632	35.30 0.57 0.00	26.08 0.44 0.00	24.80 0.51 0.00	22.25 0.41 0.00	22.14 0.45 0.00	23.40 0.47 0.00	24.52 0.44 0.00	24.42 0.40 0.00	21.08 0.27 0.00	21.59 0.32 0.00	21.21 0.35 0.00	21.70 0.39 0.00	21.28 0.36 0.00	21.81 0.43 0.00	21.91 0.49 0.00	22.17 0.51 0.00	24.82 0.60 0.00	28.06 0.82 0.00	37.93 1.07 0.00	38.74 0.92 0.00	25.51 0.74 0.00	22.33 0.59 0.00	22.83 0.48 0.00	21.96 0.29 0.00
BEAVER RIVER___HYD 24048	35.42 0.69 0.00	26.10 0.45 0.00	24.73 0.45 0.00	22.13 0.29 0.00	21.79 0.11 0.00	23.23 0.30 0.00	24.41 0.32 0.00	24.31 0.28 0.00	20.87 0.06 0.00	21.18 -0.09 0.00	20.72 -0.14 0.00	21.26 -0.05 0.00	20.75 -0.16 0.00	21.00 -0.38 0.00	21.00 -0.42 0.00	21.15 -0.51 0.00	23.74 -0.49 0.00	26.89 -0.35 0.00	37.17 0.30 0.00	38.78 0.96 0.00	25.26 0.49 0.00	22.16 0.41 0.00	22.74 0.39 0.00	22.03 0.36 0.00
BEEBEE_GT_13 23619	25.62 -1.57 7.53	20.40 -1.19 4.05	23.22 -1.07 0.00	20.53 -0.95 0.36	20.71 -0.98 0.00	21.97 -0.96 0.00	23.13 -0.95 0.00	23.16 -0.86 0.00	20.12 -0.69 0.00	20.50 -0.77 0.00	19.96 -0.90 0.00	20.27 -1.04 0.00	19.85 -1.07 0.00	20.32 -1.05 0.00	20.29 -1.14 0.00	20.56 -1.11 0.00	23.08 -1.15 0.00	25.90 -1.34 0.00	34.76 -1.81 0.30	36.01 -1.60 0.20	23.15 -0.99 0.63	20.88 -0.86 0.00	21.58 -0.76 0.00	21.11 -0.56 0.00
BENSHRST_27_KV_BENSHRST_1 355998	40.77 2.04 -4.01	39.70 1.46 -12.60	39.82 1.19 -14.34	39.40 1.07 -16.49	39.24 1.04 -16.52	37.96 1.03 -13.99	28.74 1.12 -3.54	39.35 1.06 -14.27	39.30 1.20 -17.28	39.36 1.38 -16.70	52.95 1.50 -30.60	58.34 1.45 -35.58	55.57 1.52 -33.13	40.68 1.60 -17.70	40.58 1.73 -17.42	40.63 1.81 -17.15	39.34 1.99 -13.12	74.05 2.35 -44.47	41.39 3.01 -1.51	42.30 2.70 -1.79	40.05 1.96 -13.31	61.74 1.62 -38.38	40.01 1.41 -16.26	39.50 1.12 -16.70
BETHLEHEM___GRP 23843	34.83 0.10 0.00	25.77 0.13 0.00	24.55 0.26 0.00	22.05 0.22 0.00	21.93 0.24 0.00	23.18 0.25 0.00	24.29 0.21 0.00	24.18 0.15 0.00	20.84 0.03 0.00	21.30 0.02 0.00	20.95 0.10 0.00	21.42 0.12 0.00	21.04 0.12 0.00	21.54 0.17 0.00	21.63 0.21 0.00	21.90 0.24 0.00	24.46 0.24 0.00	27.58 0.34 0.00	37.25 0.39 0.00	38.13 0.31 0.00	25.14 0.36 0.00	22.07 0.32 0.00	22.51 0.17 0.00	21.70 0.02 0.00
BETHLEHEM___GS1 323560	34.83 0.11 0.00	25.77 0.13 0.00	24.55 0.26 0.00	22.05 0.22 0.00	21.93 0.24 0.00	23.18 0.25 0.00	24.28 0.21 0.00	24.17 0.15 0.00	20.84 0.03 0.00	21.30 0.02 0.00	20.95 0.10 0.00	21.42 0.12 0.00	21.04 0.12 0.00	21.54 0.17 0.00	21.63 0.21 0.00	21.90 0.24 0.00	24.46 0.23 0.00	27.58 0.34 0.00	37.25 0.39 0.00	38.13 0.31 0.00	25.14 0.36 0.00	22.06 0.31 0.00	22.51 0.16 0.00	21.70 0.02 0.00
BETHLEHEM___GS2 323561	34.83 0.11 0.00	25.77 0.13 0.00	24.55 0.26 0.00	22.05 0.22 0.00	21.93 0.24 0.00	23.18 0.25 0.00	24.28 0.21 0.00	24.17 0.15 0.00	20.84 0.03 0.00	21.30 0.02 0.00	20.95 0.10 0.00	21.42 0.12 0.00	21.04 0.12 0.00	21.54 0.17 0.00	21.63 0.21 0.00	21.90 0.24 0.00	24.46 0.23 0.00	27.58 0.34 0.00	37.25 0.39 0.00	38.13 0.31 0.00	25.14 0.36 0.00	22.06 0.31 0.00	22.51 0.16 0.00	21.70 0.02 0.00
BETHLEHEM___GS3 323562	34.83 0.11 0.00	25.77 0.13 0.00	24.55 0.26 0.00	22.05 0.22 0.00	21.93 0.24 0.00	23.18 0.25 0.00	24.28 0.21 0.00	24.17 0.15 0.00	20.84 0.03 0.00	21.30 0.02 0.00	20.95 0.10 0.00	21.42 0.12 0.00	21.04 0.12 0.00	21.54 0.17 0.00	21.63 0.21 0.00	21.90 0.24 0.00	24.46 0.23 0.00	27.58 0.34 0.00	37.25 0.39 0.00	38.13 0.31 0.00	25.14 0.36 0.00	22.06 0.31 0.00	22.51 0.16 0.00	21.70 0.02 0.00
BETHLEHEM___STEEL 23779	19.10 -2.70 12.92	16.69 -2.02 6.94	22.48 -1.81 0.00	19.62 -1.61 0.61	20.06 -1.63 0.00	21.33 -1.60 0.00	22.51 -1.57 0.00	22.62 -1.41 0.00	19.72 -1.09 0.00	20.03 -1.25 0.00	19.40 -1.46 0.00	19.61 -1.70 0.00	19.30 -1.62 0.00	19.70 -1.67 0.00	19.65 -1.77 0.00	19.96 -1.70 0.00	22.46 -1.77 0.00	25.08 -2.16 0.00	33.60 -3.01 0.26	34.92 -2.72 0.17	21.99 -1.70 1.09	20.32 -1.43 0.00	21.14 -1.21 0.00	20.70 -0.98 0.00
BETHLHEM_115KV_TB1 79974	34.91 0.18 0.00	25.82 0.18 0.00	24.57 0.28 0.00	22.07 0.24 0.00	21.94 0.25 0.00	23.20 0.27 0.00	24.31 0.22 0.00	24.20 0.17 0.00	20.89 0.07 0.00	21.35 0.07 0.00	21.00 0.14 0.00	21.47 0.16 0.00	21.08 0.16 0.00	21.58 0.21 0.00	21.68 0.25 0.00	21.94 0.28 0.00	24.51 0.29 0.00	27.63 0.40 0.00	37.34 0.48 0.00	38.22 0.41 0.00	25.19 0.41 0.00	22.10 0.36 0.00	22.56 0.22 0.00	21.75 0.07 0.00
BETHPAGE_CC_5 323564	36.51 1.78 0.00	27.03 1.39 0.00	45.45 1.15 -20.01	62.69 0.95 -39.91	37.75 0.91 -15.15	38.02 0.93 -14.16	31.48 1.02 -6.38	26.05 0.99 -1.04	26.61 1.11 -4.69	36.97 1.32 -14.37	26.90 1.40 -4.64	26.96 1.37 -4.29	30.46 1.42 -8.13	34.78 1.50 -11.90	51.28 1.62 -28.23	37.19 1.68 -13.85	75.12 1.90 -48.99	49.93 2.23 -20.46	62.54 2.78 -22.89	40.33 2.52 0.00	26.59 1.82 0.00	23.65 1.55 -0.36	26.36 1.44 -2.57	22.82 1.15 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	18.89 -2.62 13.21	16.59 -1.96 7.10	22.52 -1.77 0.00	19.64 -1.57 0.63	20.09 -1.59 0.00	21.37 -1.57 0.00	22.54 -1.54 0.00	22.66 -1.37 0.00	19.77 -1.04 0.00	20.07 -1.20 0.00	19.45 -1.41 0.00	19.67 -1.64 0.00	19.34 -1.57 0.00	19.75 -1.63 0.00	19.71 -1.72 0.00	20.01 -1.65 0.00	22.53 -1.70 0.00	25.15 -2.08 0.00	33.72 -2.90 0.25	35.04 -2.61 0.17	22.03 -1.63 1.11	20.37 -1.37 0.00	21.19 -1.15 0.00	20.74 -0.93 0.00

BINGHAMTON___COGEN 23790	29.70 -0.62 4.41	22.77 -0.51 2.37	23.84 -0.44 0.00	21.18 -0.45 0.21	21.27 -0.42 0.00	22.54 -0.39 0.00	23.70 -0.38 0.00	23.67 -0.35 0.00	20.61 -0.21 0.00	21.09 -0.19 0.00	20.65 -0.21 0.00	21.00 -0.30 0.00	20.60 -0.32 0.00	21.04 -0.34 0.00	21.11 -0.32 0.00	21.36 -0.30 0.00	23.98 -0.25 0.00	26.99 -0.25 0.00	36.48 -0.30 0.08	37.55 -0.21 0.05	24.20 -0.20 0.37	21.56 -0.18 0.00	22.16 -0.19 0.00	21.47 -0.21 0.00
BIXINCNT_115KV_LOAD 355685	17.32 -2.48 14.92	15.75 -1.88 8.02	22.54 -1.74 0.00	19.60 -1.53 0.71	20.09 -1.60 0.00	21.37 -1.56 0.00	22.60 -1.48 0.00	22.78 -1.25 0.00	19.93 -0.88 0.00	20.18 -1.09 0.00	19.45 -1.41 0.00	19.75 -1.56 0.00	19.37 -1.55 0.00	19.78 -1.59 0.00	19.74 -1.69 0.00	20.06 -1.60 0.00	22.64 -1.59 0.00	25.31 -1.93 0.00	34.04 -2.58 0.24	35.48 -2.18 0.16	22.17 -1.36 1.26	20.62 -1.12 0.00	21.42 -0.93 0.00	20.85 -0.82 0.00
BLACK RIVER___HYD 24047	35.49 0.76 0.00	26.10 0.45 0.00	24.77 0.48 0.00	22.12 0.28 0.00	21.80 0.11 0.00	23.26 0.32 0.00	24.44 0.36 0.00	24.32 0.30 0.00	20.85 0.04 0.00	21.12 -0.15 0.00	20.67 -0.19 0.00	21.20 -0.11 0.00	20.68 -0.24 0.00	20.91 -0.47 0.00	20.87 -0.55 0.00	21.01 -0.65 0.00	23.57 -0.66 0.00	26.70 -0.54 0.00	37.16 0.24 -0.06	38.94 1.09 -0.04	25.37 0.59 0.00	22.27 0.53 0.00	22.81 0.47 0.00	22.09 0.41 0.00
BLACKRVR_115KV_TB2 79977	35.49 0.76 0.00	26.10 0.46 0.00	24.77 0.48 0.00	22.12 0.28 0.00	21.80 0.11 0.00	23.26 0.32 0.00	24.44 0.36 0.00	24.32 0.30 0.00	20.85 0.04 0.00	21.12 -0.15 0.00	20.67 -0.19 0.00	21.20 -0.11 0.00	20.67 -0.24 0.00	20.91 -0.47 0.00	20.87 -0.55 0.00	21.01 -0.65 0.00	23.57 -0.66 0.00	26.70 -0.54 0.00	37.16 0.24 -0.06	38.94 1.09 -0.04	25.37 0.59 0.00	22.27 0.53 0.00	22.81 0.47 0.00	22.09 0.42 0.00
BLISS_WT_PWR 323608	17.25 -2.55 14.92	15.70 -1.92 8.02	22.52 -1.77 0.00	19.57 -1.56 0.71	20.04 -1.64 0.00	21.34 -1.60 0.00	22.57 -1.51 0.00	22.77 -1.25 0.00	19.95 -0.87 0.00	20.16 -1.12 0.00	19.39 -1.46 0.00	19.70 -1.61 0.00	19.32 -1.60 0.00	19.74 -1.64 0.00	19.68 -1.75 0.00	20.01 -1.65 0.00	22.62 -1.61 0.00	25.27 -1.97 0.00	34.02 -2.61 0.24	35.45 -2.21 0.16	22.17 -1.36 1.26	20.64 -1.10 0.00	21.42 -0.92 0.00	20.85 -0.83 0.00
BLUESTONE___WT_PWR 323821	44.64 0.21 -9.70	30.34 -0.51 -5.21	24.53 0.24 0.00	22.31 0.01 -0.46	21.71 0.03 0.00	23.10 0.16 0.00	24.02 -0.06 0.00	23.99 -0.04 0.00	20.90 0.09 0.00	21.76 0.49 0.00	21.14 0.28 0.00	21.40 0.09 0.00	20.72 -0.20 0.00	20.96 -0.42 0.00	20.77 -0.66 0.00	21.02 -0.64 0.00	23.70 -0.53 0.00	26.99 -0.25 0.00	36.99 0.19 0.07	38.27 0.50 0.04	25.55 -0.05 -0.82	21.66 -0.08 0.00	22.21 -0.14 0.00	21.78 0.11 0.00
BLUE_CIRC_CHEM_DRP 24182	35.30 0.58 0.00	26.11 0.46 0.00	24.81 0.52 0.00	22.30 0.46 0.00	22.16 0.48 0.00	23.44 0.50 0.00	24.55 0.47 0.00	24.42 0.40 0.00	21.04 0.22 0.00	21.46 0.18 0.00	21.06 0.21 0.00	21.53 0.22 0.00	21.11 0.19 0.00	21.60 0.23 0.00	21.70 0.28 0.00	21.93 0.27 0.00	24.54 0.31 0.00	27.74 0.51 0.00	37.64 0.77 0.00	38.61 0.79 0.00	25.42 0.64 0.00	22.30 0.56 0.00	22.79 0.44 0.00	22.00 0.32 0.00
BOC_GAS_DRP 24189	35.08 0.36 0.00	25.92 0.27 0.00	24.58 0.29 0.00	22.09 0.25 0.00	21.95 0.26 0.00	23.20 0.27 0.00	24.33 0.24 0.00	24.23 0.20 0.00	21.00 0.18 0.00	21.48 0.20 0.00	21.11 0.25 0.00	21.56 0.25 0.00	21.17 0.24 0.00	21.67 0.30 0.00	21.77 0.35 0.00	22.04 0.37 0.00	24.65 0.42 0.00	27.77 0.54 0.00	37.54 0.67 0.00	38.43 0.61 0.00	25.29 0.51 0.00	22.17 0.43 0.00	22.66 0.31 0.00	21.86 0.19 0.00
BOONVILLE_115KV_TB1 79983	35.46 0.73 0.00	26.13 0.49 0.00	24.75 0.46 0.00	22.18 0.35 0.00	21.95 0.27 0.00	23.31 0.38 0.00	24.49 0.41 0.00	24.42 0.39 0.00	21.07 0.26 0.00	21.46 0.18 0.00	21.02 0.17 0.00	21.52 0.21 0.00	21.05 0.13 0.00	21.40 0.03 0.00	21.46 0.03 0.00	21.68 0.02 0.00	24.29 0.06 0.00	27.48 0.24 0.00	37.60 0.73 0.00	38.88 1.06 0.00	25.39 0.62 0.00	22.26 0.52 0.00	22.84 0.49 0.00	22.11 0.44 0.00
BORALEX_4TH_BRANCH 23824	36.10 1.37 0.00	26.69 1.05 0.00	25.36 1.07 0.00	22.78 0.94 0.00	22.65 0.97 0.00	23.96 1.02 0.00	25.01 0.93 0.00	24.89 0.86 0.00	21.53 0.72 0.00	21.95 0.67 0.00	21.52 0.66 0.00	21.99 0.68 0.00	21.58 0.66 0.00	22.17 0.79 0.00	22.25 0.83 0.00	22.50 0.84 0.00	25.30 1.08 0.00	28.50 1.26 0.00	38.52 1.65 0.00	39.50 1.68 0.00	26.14 1.36 0.00	22.85 1.12 0.00	23.36 1.01 0.00	22.45 0.78 0.00
BOWLINE___1 23526	35.93 1.20 0.00	26.47 0.83 0.00	24.92 0.63 0.00	22.36 0.52 0.00	22.20 0.51 0.00	23.46 0.53 0.00	24.67 0.59 0.00	24.57 0.55 0.00	21.48 0.67 0.00	22.11 0.84 0.00	21.79 0.94 0.00	22.22 0.91 0.00	21.85 0.94 0.00	22.40 1.02 0.00	22.57 1.14 0.00	22.88 1.22 0.00	25.60 1.38 0.00	28.87 1.63 0.00	38.93 2.06 0.00	39.65 1.83 0.00	26.09 1.31 0.00	22.80 1.06 0.00	23.23 0.89 0.00	22.30 0.62 0.00
BOWLINE___2 23595	35.93 1.20 0.00	26.47 0.83 0.00	24.92 0.63 0.00	22.36 0.52 0.00	22.20 0.52 0.00	23.46 0.53 0.00	24.67 0.59 0.00	24.57 0.55 0.00	21.48 0.67 0.00	22.11 0.84 0.00	21.79 0.94 0.00	22.22 0.91 0.00	21.85 0.94 0.00	22.40 1.02 0.00	22.57 1.14 0.00	22.88 1.22 0.00	25.60 1.38 0.00	28.87 1.63 0.00	38.93 2.06 0.00	39.65 1.83 0.00	26.09 1.31 0.00	22.80 1.06 0.00	23.23 0.89 0.00	22.30 0.62 0.00
BRADY___115KV_TB2 356060	35.63 0.91 0.00	26.36 0.72 0.00	24.99 0.70 0.00	22.47 0.63 0.00	22.30 0.61 0.00	23.58 0.65 0.00	24.79 0.71 0.00	24.74 0.71 0.00	21.13 0.32 0.00	21.47 0.19 0.00	21.00 0.15 0.00	21.54 0.24 0.00	21.25 0.34 0.00	21.61 0.23 0.00	21.59 0.16 0.00	21.79 0.13 0.00	24.37 0.14 0.00	27.41 0.17 0.00	37.35 0.48 0.00	38.73 0.91 0.00	25.25 0.47 0.00	22.09 0.35 0.00	22.76 0.41 0.00	22.10 0.42 0.00
BRANSCOMB___SOLAR 323811	36.63 1.91 0.00	27.01 1.37 0.00	25.58 1.29 0.00	22.96 1.13 0.00	22.82 1.14 0.00	24.15 1.22 0.00	25.31 1.23 0.00	25.22 1.19 0.00	21.75 0.93 0.00	22.13 0.85 0.00	21.65 0.79 0.00	22.23 0.92 0.00	21.76 0.84 0.00	22.35 0.98 0.00	22.35 0.92 0.00	22.62 0.96 0.00	25.44 1.22 0.00	28.74 1.50 0.00	39.03 2.16 0.00	40.06 2.25 0.00	26.39 1.61 0.00	23.12 1.38 0.00	23.61 1.27 0.00	22.71 1.03 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	36.60 1.88 0.00	27.15 1.51 0.00	45.62 1.32 -20.01	62.84 1.10 -39.91	37.86 1.03 -15.15	38.16 1.07 -14.16	31.61 1.15 -6.38	26.19 1.13 -1.04	26.74 1.24 -4.69	37.09 1.44 -14.37	27.04 1.54 -4.64	27.13 1.53 -4.29	30.61 1.56 -8.13	34.96 1.68 -11.90	51.47 1.81 -28.23	37.45 1.94 -13.85	75.43 2.22 -48.99	50.34 2.64 -20.46	63.13 3.37 -22.89	40.75 2.94 0.00	26.89 2.12 0.00	23.84 1.75 -0.35	26.52 1.61 -2.57	22.88 1.21 0.00

BRISTLHL_115KV_TB1 79998	33.98 -0.74 0.00	25.07 -0.58 0.00	23.76 -0.53 0.00	21.35 -0.48 0.00	21.20 -0.49 0.00	22.45 -0.49 0.00	23.57 -0.51 0.00	23.53 -0.50 0.00	20.42 -0.39 0.00	20.86 -0.41 0.00	20.42 -0.43 0.00	20.80 -0.50 0.00	20.39 -0.53 0.00	20.81 -0.56 0.00	20.84 -0.58 0.00	21.06 -0.60 0.00	23.58 -0.65 0.00	26.50 -0.74 0.00	36.13 -0.96 -0.22	37.11 -0.86 -0.14	24.24 -0.54 0.00	21.25 -0.49 0.00	21.84 -0.50 0.00	21.29 -0.38 0.00
BROOKHAVEN___DRP 24191	36.14 1.41 0.00	26.81 1.16 0.00	45.31 1.02 -20.01	62.63 0.88 -39.91	37.64 0.80 -15.15	37.89 0.79 -14.16	31.31 0.85 -6.38	25.85 0.78 -1.04	26.45 0.95 -4.69	36.82 1.17 -14.37	26.84 1.34 -4.64	26.89 1.29 -4.29	30.34 1.30 -8.13	34.66 1.38 -11.90	51.19 1.53 -28.23	37.22 1.71 -13.85	75.20 1.99 -48.99	50.16 2.46 -20.46	62.92 3.16 -22.89	40.52 2.71 0.00	26.68 1.90 0.00	23.58 1.49 -0.35	26.25 1.33 -2.57	22.60 0.92 0.00
BROOKLYN_NAVY_YARD 23515	36.21 1.49 0.00	26.70 1.06 0.00	25.14 0.85 0.00	22.56 0.73 0.00	22.39 0.70 0.00	23.64 0.71 0.00	24.87 0.79 0.00	24.79 0.76 0.00	21.70 0.88 0.00	22.33 1.06 0.00	22.05 1.19 0.00	22.45 1.14 0.00	22.12 1.21 0.00	22.65 1.28 0.00	22.83 1.41 0.00	23.15 1.49 0.00	25.87 1.64 0.00	29.16 1.92 0.00	39.28 2.41 0.00	39.92 2.10 0.00	26.31 1.54 0.00	23.01 1.27 0.00	23.44 1.09 0.00	22.49 0.81 0.00
BROOKLYN___ARMY_DRP 323595	40.56 1.82 -4.01	39.54 1.29 -12.60	39.69 1.06 -14.34	39.29 0.95 -16.49	39.13 0.92 -16.52	37.83 0.91 -13.99	28.61 0.99 -3.54	39.22 0.93 -14.27	39.18 1.09 -17.28	39.23 1.26 -16.70	52.83 1.37 -30.60	43.17 1.32 -20.54	42.68 1.39 -20.37	40.54 1.46 -17.70	40.44 1.58 -17.42	40.48 1.67 -17.15	39.18 1.83 -13.12	46.87 2.16 -17.48	41.15 2.77 -1.51	42.06 2.45 -1.79	39.88 1.79 -13.31	48.10 1.48 -24.88	39.88 1.27 -16.26	39.38 1.00 -16.70
BROOKVLE_69_KV_TB1 55790	36.74 2.02 0.00	27.18 1.53 0.00	45.56 1.26 -20.01	62.81 1.06 -39.91	37.88 1.05 -15.15	38.16 1.07 -14.16	31.63 1.17 -6.38	26.20 1.13 -1.04	26.74 1.25 -4.69	37.11 1.46 -14.37	27.04 1.54 -4.64	27.16 1.56 -4.29	30.67 1.63 -8.13	35.02 1.75 -11.90	51.54 1.88 -28.23	37.49 1.97 -13.85	75.43 2.21 -48.99	50.17 2.47 -20.46	62.92 3.16 -22.89	40.80 2.98 0.00	26.87 2.09 0.00	23.84 1.75 -0.35	26.50 1.59 -2.57	22.91 1.24 0.00
BROOME_2_LFGE 323671	29.69 -0.63 4.41	22.76 -0.52 2.37	23.84 -0.44 0.00	21.18 -0.45 0.21	21.27 -0.42 0.00	22.54 -0.39 0.00	23.70 -0.38 0.00	23.67 -0.35 0.00	20.61 -0.21 0.00	21.09 -0.19 0.00	20.65 -0.21 0.00	21.00 -0.30 0.00	20.60 -0.32 0.00	21.04 -0.34 0.00	21.11 -0.32 0.00	21.36 -0.30 0.00	23.98 -0.25 0.00	26.98 -0.26 0.00	36.48 -0.30 0.08	37.55 -0.22 0.05	24.21 -0.20 0.37	21.56 -0.18 0.00	22.16 -0.19 0.00	21.47 -0.21 0.00
BROOME___LFGE 323600	29.69 -0.63 4.41	22.76 -0.52 2.37	23.84 -0.44 0.00	21.18 -0.45 0.21	21.27 -0.42 0.00	22.54 -0.39 0.00	23.70 -0.38 0.00	23.67 -0.35 0.00	20.61 -0.21 0.00	21.09 -0.19 0.00	20.65 -0.21 0.00	21.00 -0.30 0.00	20.60 -0.32 0.00	21.04 -0.34 0.00	21.11 -0.32 0.00	21.36 -0.30 0.00	23.98 -0.25 0.00	26.98 -0.26 0.00	36.48 -0.30 0.08	37.55 -0.22 0.05	24.21 -0.20 0.37	21.56 -0.18 0.00	22.16 -0.19 0.00	21.47 -0.21 0.00
BROWNFLS_115KV_TB_3_5 80003	35.33 0.60 0.00	26.07 0.42 0.00	24.70 0.41 0.00	22.14 0.31 0.00	21.87 0.19 0.00	23.24 0.31 0.00	24.42 0.34 0.00	24.35 0.32 0.00	20.88 0.07 0.00	21.20 -0.07 0.00	20.74 -0.12 0.00	21.29 -0.02 0.00	20.88 -0.04 0.00	21.14 -0.24 0.00	21.13 -0.30 0.00	21.29 -0.37 0.00	23.87 -0.36 0.00	26.99 -0.25 0.00	37.11 0.24 0.00	38.61 0.79 0.00	25.14 0.36 0.00	22.01 0.27 0.00	22.62 0.28 0.00	21.93 0.26 0.00
BROWNSV1_27_KV_LOAD 356125	36.66 1.94 0.00	27.01 1.37 0.00	25.41 1.12 0.00	22.80 0.97 0.00	22.63 0.94 0.00	23.87 0.94 0.00	25.13 1.05 0.00	25.04 1.02 0.00	21.91 1.10 0.00	22.56 1.29 0.00	22.26 1.41 0.00	22.69 1.38 0.00	22.35 1.43 0.00	22.89 1.52 0.00	23.08 1.66 0.00	23.41 1.75 0.00	26.16 1.94 0.00	29.48 2.25 0.00	39.72 2.85 0.00	40.37 2.56 0.00	26.62 1.85 0.00	23.25 1.51 0.00	23.68 1.34 0.00	22.72 1.04 0.00
BURROWS___LYONSDAL 23803	35.48 0.75 0.00	26.14 0.49 0.00	24.76 0.47 0.00	22.18 0.34 0.00	21.91 0.22 0.00	23.30 0.36 0.00	24.48 0.40 0.00	24.39 0.37 0.00	21.03 0.22 0.00	21.40 0.12 0.00	20.95 0.10 0.00	21.46 0.15 0.00	20.97 0.06 0.00	21.29 -0.08 0.00	21.35 -0.08 0.00	21.55 -0.12 0.00	24.16 -0.07 0.00	27.34 0.10 0.00	37.51 0.65 0.00	38.88 1.06 0.00	25.37 0.60 0.00	22.25 0.50 0.00	22.82 0.48 0.00	22.11 0.43 0.00
CAITHNESS_CC_1 323624	36.15 1.43 0.00	26.82 1.18 0.00	45.31 1.02 -20.01	62.61 0.86 -39.91	37.63 0.79 -15.15	37.88 0.78 -14.16	31.31 0.85 -6.38	25.86 0.79 -1.04	26.45 0.95 -4.69	36.81 1.16 -14.37	26.82 1.32 -4.64	26.88 1.28 -4.29	30.34 1.30 -8.13	34.65 1.37 -11.90	51.18 1.52 -28.23	37.20 1.69 -13.85	75.17 1.95 -48.99	50.10 2.41 -20.46	62.83 3.07 -22.89	40.46 2.64 0.00	26.64 1.87 0.00	23.57 1.47 -0.36	26.24 1.33 -2.57	22.61 0.94 0.00
CALPINE BETH_PAGE_GT4 24209	36.56 1.84 0.00	27.07 1.43 0.00	45.48 1.19 -20.01	62.72 0.98 -39.91	37.79 0.95 -15.15	38.06 0.96 -14.16	31.52 1.06 -6.38	26.09 1.03 -1.04	26.64 1.14 -4.69	37.01 1.36 -14.37	26.94 1.44 -4.64	27.01 1.41 -4.29	30.51 1.47 -8.13	34.81 1.53 -11.90	51.31 1.65 -28.23	37.20 1.69 -13.85	75.13 1.91 -48.99	49.94 2.24 -20.46	62.54 2.78 -22.89	40.34 2.53 0.00	26.60 1.82 0.00	23.67 1.58 -0.35	26.39 1.48 -2.57	22.83 1.16 0.00
CALPINE_BETH_PAGE_GT_4 323586	36.57 1.85 0.00	27.07 1.43 0.00	45.47 1.18 -20.01	62.72 0.98 -39.91	37.78 0.95 -15.15	38.06 0.96 -14.16	31.52 1.06 -6.38	26.09 1.03 -1.04	26.63 1.14 -4.69	37.01 1.36 -14.37	26.94 1.44 -4.64	27.01 1.41 -4.29	30.51 1.47 -8.13	34.81 1.53 -11.90	51.31 1.65 -28.23	37.20 1.69 -13.85	75.13 1.91 -48.99	49.93 2.24 -20.46	62.54 2.78 -22.89	40.34 2.53 0.00	26.60 1.82 0.00	23.68 1.58 -0.36	26.40 1.48 -2.57	22.83 1.16 0.00
CALPINE_BP_GT1 23823	36.57 1.85 0.00	27.07 1.43 0.00	45.47 1.18 -20.01	62.72 0.98 -39.91	37.78 0.95 -15.15	38.06 0.96 -14.16	31.52 1.06 -6.38	26.09 1.03 -1.04	26.63 1.14 -4.69	37.01 1.36 -14.37	26.94 1.44 -4.64	27.01 1.41 -4.29	30.51 1.47 -8.13	34.81 1.53 -11.90	51.31 1.65 -28.23	37.20 1.69 -13.85	75.13 1.91 -48.99	49.93 2.24 -20.46	62.54 2.78 -22.89	40.34 2.53 0.00	26.60 1.82 0.00	23.68 1.58 -0.36	26.40 1.48 -2.57	22.83 1.16 0.00
CALSPAN___DRP 24200	19.10 -2.70 12.92	16.69 -2.02 6.94	22.48 -1.81 0.00	19.62 -1.61 0.61	20.06 -1.63 0.00	21.33 -1.60 0.00	22.51 -1.57 0.00	22.62 -1.41 0.00	19.72 -1.09 0.00	20.03 -1.25 0.00	19.40 -1.46 0.00	19.61 -1.70 0.00	19.30 -1.62 0.00	19.70 -1.67 0.00	19.65 -1.77 0.00	19.96 -1.70 0.00	22.46 -1.77 0.00	25.08 -2.16 0.00	33.60 -3.01 0.26	34.92 -2.72 0.17	21.99 -1.70 1.09	20.32 -1.43 0.00	21.14 -1.21 0.00	20.70 -0.98 0.00

CALVERTON___SOLAR 323806	36.18 1.45 0.00	26.83 1.18 0.00	45.34 1.04 -20.01	62.67 0.92 -39.91	37.67 0.84 -15.15	37.91 0.82 -14.16	31.33 0.87 -6.38	25.85 0.79 -1.04	26.45 0.96 -4.69	36.85 1.21 -14.37	26.88 1.39 -4.64	26.93 1.33 -4.29	30.38 1.34 -8.13	34.70 1.42 -11.90	51.25 1.59 -28.23	37.29 1.78 -13.85	75.29 2.07 -48.99	50.28 2.58 -20.46	63.08 3.33 -22.89	40.67 2.85 0.00	26.78 2.00 0.00	23.64 1.55 -0.36	26.29 1.37 -2.57	22.61 0.94 0.00
CANDIGU_WT_PWR 323617	12.16 -2.09 20.48	13.00 -1.64 11.00	22.81 -1.47 0.00	19.51 -1.35 0.97	20.36 -1.32 0.00	21.68 -1.26 0.00	22.84 -1.23 0.00	22.87 -1.16 0.00	19.91 -0.90 0.00	20.25 -1.02 0.00	19.70 -1.16 0.00	19.92 -1.39 0.00	19.55 -1.37 0.00	19.96 -1.42 0.00	19.96 -1.46 0.00	20.21 -1.46 0.00	22.85 -1.38 0.00	25.64 -1.60 0.00	34.65 -2.04 0.18	36.07 -1.63 0.12	21.91 -1.14 1.72	20.85 -0.89 0.00	21.51 -0.83 0.00	20.87 -0.81 0.00
CARR STREET_E_SYR 24060	34.13 -0.59 0.00	25.17 -0.47 0.00	23.86 -0.43 0.00	21.45 -0.39 0.00	21.29 -0.39 0.00	22.55 -0.39 0.00	23.68 -0.40 0.00	23.64 -0.38 0.00	20.53 -0.28 0.00	20.98 -0.30 0.00	20.55 -0.31 0.00	20.94 -0.36 0.00	20.52 -0.39 0.00	20.97 -0.41 0.00	20.99 -0.43 0.00	21.22 -0.45 0.00	23.75 -0.48 0.00	26.73 -0.51 0.00	36.07 -0.67 0.13	37.13 -0.61 0.08	24.39 -0.39 0.00	21.38 -0.36 0.00	21.98 -0.37 0.00	21.41 -0.26 0.00
CARTHAGE___PAPER 23857	35.68 0.96 0.00	26.28 0.63 0.00	24.93 0.64 0.00	22.27 0.44 0.00	21.95 0.26 0.00	23.41 0.47 0.00	24.59 0.51 0.00	24.49 0.46 0.00	21.00 0.19 0.00	21.28 0.01 0.00	20.80 -0.05 0.00	21.36 0.05 0.00	20.83 -0.09 0.00	21.07 -0.30 0.00	21.05 -0.38 0.00	21.19 -0.47 0.00	23.80 -0.42 0.00	26.97 -0.27 0.00	37.41 0.55 0.00	39.14 1.32 0.00	25.50 0.72 0.00	22.36 0.61 0.00	22.92 0.58 0.00	22.20 0.52 0.00
CASSADAGA_WT_PWR 323784	17.30 -2.72 14.70	15.65 -2.09 7.90	22.43 -1.86 0.00	19.63 -1.51 0.70	20.21 -1.47 0.00	21.55 -1.38 0.00	22.79 -1.29 0.00	22.83 -1.20 0.00	19.99 -0.82 0.00	20.29 -0.99 0.00	19.55 -1.30 0.00	19.82 -1.48 0.00	19.59 -1.33 0.00	19.99 -1.38 0.00	19.99 -1.43 0.00	20.36 -1.30 0.00	22.98 -1.25 0.00	25.69 -1.55 0.00	34.72 -1.90 0.24	36.21 -1.45 0.16	22.57 -0.97 1.24	20.95 -0.79 0.00	21.73 -0.62 0.00	21.15 -0.52 0.00
CE_DUNWOOD___DRP 24194	36.11 1.39 0.00	26.61 0.97 0.00	25.06 0.78 0.00	22.49 0.66 0.00	22.33 0.65 0.00	23.59 0.65 0.00	24.80 0.72 0.00	24.72 0.69 0.00	21.61 0.80 0.00	22.23 0.96 0.00	21.92 1.07 0.00	22.35 1.04 0.00	21.99 1.08 0.00	22.54 1.16 0.00	22.71 1.29 0.00	23.02 1.36 0.00	25.75 1.52 0.00	29.03 1.79 0.00	39.14 2.27 0.00	39.83 2.02 0.00	26.23 1.45 0.00	22.93 1.19 0.00	23.36 1.02 0.00	22.42 0.74 0.00
CE_MILLWOOD___DRP 24193	36.04 1.32 0.00	26.56 0.92 0.00	25.02 0.73 0.00	22.45 0.62 0.00	22.29 0.61 0.00	23.55 0.62 0.00	24.76 0.67 0.00	24.67 0.65 0.00	21.57 0.76 0.00	22.19 0.92 0.00	21.87 1.01 0.00	22.30 0.99 0.00	21.94 1.02 0.00	22.48 1.11 0.00	22.65 1.23 0.00	22.96 1.30 0.00	25.70 1.47 0.00	28.96 1.72 0.00	39.05 2.19 0.00	39.76 1.95 0.00	26.18 1.40 0.00	22.88 1.14 0.00	23.32 0.97 0.00	22.38 0.70 0.00
CE_NYC2_DRP 24202	36.37 1.65 0.00	26.82 1.17 0.00	25.23 0.94 0.00	22.68 0.84 0.00	22.50 0.82 0.00	23.73 0.79 0.00	24.96 0.88 0.00	24.87 0.85 0.00	21.81 1.00 0.00	22.44 1.17 0.00	22.14 1.28 0.00	22.55 1.24 0.00	22.45 1.31 -0.23	22.78 1.38 -0.03	23.03 1.50 -0.11	23.24 1.58 0.00	25.96 1.73 0.00	29.26 2.02 0.00	39.43 2.56 0.00	40.07 2.25 0.00	26.43 1.66 0.00	23.10 1.36 0.00	23.50 1.16 0.00	22.57 0.89 0.00
CE_NYC_DRP 24195	36.27 1.54 0.00	26.74 1.09 0.00	25.17 0.88 0.00	22.59 0.76 0.00	22.42 0.74 0.00	23.67 0.74 0.00	24.91 0.83 0.00	24.83 0.80 0.00	21.74 0.93 0.00	22.38 1.10 0.00	22.07 1.22 0.00	22.49 1.18 0.00	22.16 1.24 0.00	22.70 1.33 0.00	22.88 1.45 0.00	23.20 1.53 0.00	25.92 1.70 0.00	29.22 1.98 0.00	39.35 2.48 0.00	39.99 2.17 0.00	26.36 1.58 0.00	23.04 1.30 0.00	23.48 1.13 0.00	22.52 0.84 0.00
CHAFFEE___LFGE 323603	18.17 -2.62 13.94	16.20 -1.96 7.49	22.54 -1.74 0.00	19.62 -1.55 0.66	20.12 -1.57 0.00	21.40 -1.54 0.00	22.56 -1.52 0.00	22.67 -1.36 0.00	19.81 -1.01 0.00	20.09 -1.18 0.00	19.48 -1.38 0.00	19.69 -1.62 0.00	19.37 -1.54 0.00	19.77 -1.61 0.00	19.73 -1.70 0.00	20.03 -1.63 0.00	22.56 -1.67 0.00	25.20 -2.04 0.00	33.79 -2.83 0.25	35.11 -2.54 0.17	22.02 -1.59 1.17	20.42 -1.32 0.00	21.22 -1.12 0.00	20.75 -0.93 0.00
CHATEAUG_35_KV_LOAD 355732	35.31 0.59 0.00	26.17 0.52 0.00	24.80 0.51 0.00	22.28 0.45 0.00	22.09 0.40 0.00	23.35 0.41 0.00	24.54 0.45 0.00	24.52 0.50 0.00	21.05 0.23 0.00	21.42 0.15 0.00	20.99 0.13 0.00	21.43 0.12 0.00	21.01 0.09 0.00	21.26 -0.12 0.00	21.21 -0.21 0.00	21.41 -0.25 0.00	23.98 -0.25 0.00	27.11 -0.13 0.00	37.12 0.25 0.00	38.24 0.43 0.00	24.84 0.07 0.00	21.63 -0.11 0.00	22.30 -0.05 0.00	21.72 0.04 0.00
CHATEAUG_WT_PWR 323614	35.31 0.58 0.00	26.15 0.51 0.00	24.79 0.50 0.00	22.27 0.44 0.00	22.09 0.40 0.00	23.35 0.42 0.00	24.53 0.44 0.00	24.50 0.47 0.00	21.04 0.23 0.00	21.45 0.18 0.00	21.03 0.17 0.00	21.46 0.15 0.00	21.00 0.08 0.00	21.24 -0.14 0.00	21.17 -0.25 0.00	21.39 -0.28 0.00	23.93 -0.29 0.00	27.08 -0.15 0.00	37.10 0.24 0.00	38.22 0.40 0.00	24.83 0.05 0.00	21.62 -0.12 0.00	22.29 -0.05 0.00	21.71 0.04 0.00
CHAT_HIGH_FALL_HYD 323578	35.31 0.59 0.00	26.17 0.52 0.00	24.80 0.51 0.00	22.28 0.45 0.00	22.09 0.40 0.00	23.35 0.41 0.00	24.54 0.45 0.00	24.52 0.50 0.00	21.05 0.23 0.00	21.42 0.15 0.00	20.99 0.13 0.00	21.43 0.12 0.00	21.01 0.09 0.00	21.26 -0.12 0.00	21.21 -0.21 0.00	21.41 -0.25 0.00	23.98 -0.25 0.00	27.11 -0.13 0.00	37.12 0.25 0.00	38.24 0.43 0.00	24.84 0.07 0.00	21.63 -0.11 0.00	22.30 -0.05 0.00	21.72 0.04 0.00
CHAUTAUQUA___LFGE 323629	18.15 -2.75 13.82	16.16 -2.05 7.43	22.48 -1.80 0.00	19.62 -1.56 0.66	20.14 -1.54 0.00	21.46 -1.48 0.00	22.67 -1.41 0.00	22.72 -1.30 0.00	19.87 -0.94 0.00	20.18 -1.10 0.00	19.52 -1.34 0.00	19.77 -1.55 0.00	19.48 -1.43 0.00	19.89 -1.49 0.00	19.89 -1.53 0.00	20.23 -1.43 0.00	22.81 -1.41 0.00	25.49 -1.75 0.00	34.32 -2.30 0.25	35.73 -1.92 0.17	22.34 -1.28 1.16	20.70 -1.04 0.00	21.48 -0.86 0.00	20.94 -0.74 0.00
CHERRYST_13_KV_LD 356241	36.38 1.65 0.00	26.81 1.17 0.00	25.23 0.94 0.00	22.65 0.82 0.00	22.48 0.80 0.00	23.73 0.80 0.00	24.98 0.90 0.00	24.90 0.87 0.00	21.80 0.99 0.00	22.44 1.17 0.00	22.14 1.29 0.00	22.56 1.25 0.00	22.23 1.31 0.00	22.77 1.40 0.00	22.95 1.53 0.00	23.26 1.61 0.00	26.01 1.78 0.00	29.31 2.07 0.00	39.47 2.60 0.00	40.11 2.30 0.00	26.44 1.66 0.00	23.10 1.36 0.00	23.54 1.19 0.00	22.58 0.91 0.00

CHESTROR_138KV_BK263 355645	35.75 1.02 0.00	26.35 0.71 0.00	24.83 0.55 0.00	22.29 0.45 0.00	22.13 0.44 0.00	23.38 0.45 0.00	24.58 0.50 0.00	24.49 0.46 0.00	21.38 0.56 0.00	21.96 0.69 0.00	21.62 0.77 0.00	22.06 0.75 0.00	21.69 0.77 0.00	22.22 0.85 0.00	22.39 0.96 0.00	22.68 1.02 0.00	25.39 1.16 0.00	28.62 1.38 0.00	38.64 1.77 0.00	39.41 1.60 0.00	25.93 1.15 0.00	22.66 0.92 0.00	23.11 0.76 0.00	22.21 0.54 0.00
CH_MIDHUDSON___DRP 24192	36.02 1.30 0.00	26.54 0.90 0.00	25.02 0.73 0.00	22.47 0.63 0.00	22.31 0.63 0.00	23.57 0.63 0.00	24.76 0.68 0.00	24.68 0.65 0.00	21.54 0.73 0.00	22.13 0.85 0.00	21.79 0.94 0.00	22.24 0.93 0.00	21.87 0.95 0.00	22.42 1.04 0.00	22.58 1.16 0.00	22.89 1.23 0.00	25.63 1.40 0.00	28.91 1.67 0.00	39.01 2.14 0.00	39.76 1.94 0.00	26.15 1.37 0.00	22.85 1.11 0.00	23.29 0.95 0.00	22.38 0.70 0.00
CH_MISC_IPPS 23765	36.24 1.52 0.00	26.70 1.05 0.00	25.15 0.86 0.00	22.57 0.73 0.00	22.41 0.72 0.00	23.67 0.74 0.00	24.88 0.80 0.00	24.80 0.77 0.00	21.65 0.84 0.00	22.25 0.98 0.00	21.92 1.07 0.00	22.38 1.07 0.00	22.01 1.10 0.00	22.56 1.18 0.00	22.73 1.30 0.00	23.05 1.38 0.00	25.81 1.58 0.00	29.12 1.88 0.00	39.29 2.42 0.00	40.02 2.21 0.00	26.32 1.54 0.00	23.00 1.26 0.00	23.43 1.08 0.00	22.49 0.82 0.00
CH_RES_BVR_FALLS 23983	34.77 0.04 0.00	25.70 0.05 0.00	24.36 0.07 0.00	21.89 0.05 0.00	21.71 0.02 0.00	22.96 0.02 0.00	24.12 0.04 0.00	24.08 0.05 0.00	20.81 -0.01 0.00	21.24 -0.03 0.00	20.81 -0.04 0.00	21.30 -0.01 0.00	20.90 -0.02 0.00	21.31 -0.06 0.00	21.35 -0.08 0.00	21.57 -0.09 0.00	24.13 -0.10 0.00	27.15 -0.09 0.00	36.83 -0.04 0.00	37.81 -0.01 0.00	24.70 -0.07 0.00	21.66 -0.08 0.00	22.30 -0.04 0.00	21.65 -0.02 0.00
CH_RES_NIAGARA 23895	20.13 -3.46 11.14	17.13 -2.53 5.98	22.01 -2.28 0.00	19.31 -2.00 0.53	19.65 -2.03 0.00	20.88 -2.06 0.00	22.02 -2.06 0.00	22.15 -1.88 0.00	19.31 -1.50 0.00	19.59 -1.68 0.00	18.91 -1.94 0.00	19.04 -2.27 0.00	18.73 -2.18 0.00	19.12 -2.25 0.00	19.05 -2.38 0.00	19.34 -2.32 0.00	21.71 -2.51 0.00	24.19 -3.05 0.00	32.25 -4.34 0.28	33.51 -4.12 0.18	21.34 -2.50 0.94	19.62 -2.12 0.00	20.48 -1.87 0.00	20.16 -1.52 0.00
CH_RES_SYRACUSE 23985	34.34 -0.38 0.00	25.32 -0.32 0.00	24.01 -0.29 0.00	21.57 -0.27 0.00	21.40 -0.28 0.00	22.67 -0.27 0.00	23.81 -0.27 0.00	23.76 -0.26 0.00	20.62 -0.19 0.00	21.08 -0.19 0.00	20.64 -0.21 0.00	21.04 -0.27 0.00	20.62 -0.29 0.00	21.06 -0.31 0.00	21.09 -0.34 0.00	21.32 -0.34 0.00	23.87 -0.36 0.00	26.87 -0.37 0.00	36.41 -0.46 0.00	37.43 -0.39 0.00	24.52 -0.26 0.00	21.50 -0.24 0.00	22.09 -0.25 0.00	21.51 -0.16 0.00
CLINTON_WT_PWR 323605	35.31 0.58 0.00	26.15 0.51 0.00	24.79 0.50 0.00	22.27 0.44 0.00	22.09 0.40 0.00	23.35 0.42 0.00	24.53 0.44 0.00	24.50 0.47 0.00	21.04 0.23 0.00	21.45 0.18 0.00	21.03 0.17 0.00	21.46 0.15 0.00	21.00 0.08 0.00	21.24 -0.14 0.00	21.17 -0.25 0.00	21.39 -0.28 0.00	23.93 -0.29 0.00	27.08 -0.15 0.00	37.10 0.24 0.00	38.22 0.40 0.00	24.83 0.05 0.00	21.62 -0.12 0.00	22.29 -0.05 0.00	21.71 0.04 0.00
CLINTON___LFGE 323618	35.62 0.89 0.00	26.36 0.72 0.00	24.98 0.69 0.00	22.44 0.60 0.00	22.26 0.58 0.00	23.55 0.61 0.00	24.73 0.65 0.00	24.70 0.68 0.00	21.21 0.40 0.00	21.61 0.34 0.00	21.20 0.35 0.00	21.68 0.37 0.00	21.20 0.28 0.00	21.45 0.08 0.00	21.39 -0.03 0.00	21.62 -0.04 0.00	24.16 -0.07 0.00	27.37 0.13 0.00	37.49 0.62 0.00	38.65 0.84 0.00	25.12 0.35 0.00	21.83 0.09 0.00	22.48 0.13 0.00	21.88 0.21 0.00
COBBLENY_34_KV_TB1 80064	18.19 -2.59 13.94	16.21 -1.95 7.49	22.54 -1.75 0.00	19.62 -1.55 0.66	20.12 -1.57 0.00	21.39 -1.55 0.00	22.56 -1.52 0.00	22.67 -1.36 0.00	19.79 -1.03 0.00	20.10 -1.18 0.00	19.48 -1.38 0.00	19.69 -1.62 0.00	19.37 -1.54 0.00	19.77 -1.61 0.00	19.73 -1.70 0.00	20.03 -1.63 0.00	22.54 -1.69 0.00	25.20 -2.04 0.00	33.78 -2.84 0.25	35.12 -2.53 0.17	22.02 -1.58 1.17	20.40 -1.34 0.00	21.22 -1.12 0.00	20.75 -0.92 0.00
COFFEEN___115KV_TB3 355620	35.70 0.97 0.00	26.24 0.60 0.00	24.90 0.61 0.00	22.23 0.40 0.00	21.92 0.23 0.00	23.39 0.45 0.00	24.58 0.50 0.00	24.46 0.44 0.00	20.94 0.13 0.00	21.19 -0.09 0.00	20.74 -0.11 0.00	21.27 -0.04 0.00	20.75 -0.17 0.00	20.98 -0.40 0.00	20.93 -0.50 0.00	21.05 -0.61 0.00	23.60 -0.62 0.00	26.77 -0.47 0.00	37.34 0.41 -0.06	39.22 1.37 -0.04	25.57 0.79 0.00	22.42 0.68 0.00	22.95 0.60 0.00	22.22 0.54 0.00
COLDSPRG_115KV_BK1 355956	16.60 -2.03 16.09	15.40 -1.60 8.64	22.82 -1.47 0.00	19.81 -1.26 0.76	20.46 -1.22 0.00	21.79 -1.15 0.00	23.01 -1.07 0.00	23.08 -0.94 0.00	20.21 -0.60 0.00	20.62 -0.65 0.00	19.94 -0.92 0.00	20.22 -1.09 0.00	19.87 -1.05 0.00	20.27 -1.10 0.00	20.28 -1.15 0.00	20.61 -1.05 0.00	23.22 -1.01 0.00	25.99 -1.25 0.00	35.04 -1.59 0.23	36.48 -1.18 0.16	22.60 -0.82 1.35	21.06 -0.69 0.00	21.83 -0.51 0.00	21.23 -0.44 0.00
COLONIE_LFGE___ 323577	35.81 1.09 0.00	26.45 0.80 0.00	25.07 0.78 0.00	22.52 0.69 0.00	22.39 0.71 0.00	23.68 0.75 0.00	24.79 0.71 0.00	24.69 0.66 0.00	21.36 0.54 0.00	21.80 0.52 0.00	21.38 0.53 0.00	21.88 0.57 0.00	21.47 0.55 0.00	22.02 0.65 0.00	22.09 0.66 0.00	22.35 0.68 0.00	25.07 0.85 0.00	28.27 1.03 0.00	38.25 1.38 0.00	39.20 1.39 0.00	25.84 1.06 0.00	22.63 0.89 0.00	23.12 0.78 0.00	22.27 0.59 0.00
COOPERNY_115KV_TB1 80082	35.37 0.64 0.00	26.08 0.44 0.00	24.62 0.33 0.00	22.10 0.26 0.00	21.94 0.26 0.00	23.20 0.27 0.00	24.38 0.30 0.00	24.30 0.28 0.00	21.18 0.37 0.00	21.74 0.47 0.00	21.38 0.53 0.00	21.80 0.49 0.00	21.43 0.52 0.00	21.94 0.56 0.00	22.07 0.64 0.00	22.35 0.69 0.00	25.02 0.79 0.00	28.19 0.95 0.00	38.08 1.22 0.00	38.90 1.08 0.00	25.56 0.79 0.00	22.37 0.62 0.00	22.85 0.51 0.00	22.01 0.34 0.00
COPENHAGEN_WT_PWR 323753	35.31 0.59 0.00	25.98 0.33 0.00	24.67 0.38 0.00	22.01 0.17 0.00	21.67 -0.01 0.00	23.15 0.22 0.00	24.32 0.24 0.00	24.19 0.16 0.00	20.76 -0.06 0.00	21.05 -0.22 0.00	20.60 -0.25 0.00	21.13 -0.18 0.00	20.59 -0.33 0.00	20.79 -0.59 0.00	20.78 -0.65 0.00	20.92 -0.75 0.00	23.47 -0.76 0.00	26.56 -0.67 0.00	36.97 0.04 -0.06	38.69 0.84 -0.04	25.20 0.42 0.00	22.15 0.41 0.00	22.70 0.36 0.00	21.99 0.32 0.00
CORNELL_____ 23752	104.37 0.08 -69.56	62.98 -0.04 -37.37	24.30 0.00 -0.01	25.09 -0.05 -3.30	21.66 -0.03 -0.01	22.94 0.01 0.00	24.11 0.03 0.00	24.07 0.04 0.00	20.86 0.05 0.00	21.32 0.05 0.00	20.85 0.00 0.00	21.24 -0.07 0.00	20.80 -0.11 0.00	21.17 -0.21 0.00	21.21 -0.22 0.00	21.46 -0.20 0.00	24.11 -0.12 0.00	27.25 0.02 0.00	37.02 0.24 0.09	38.25 0.49 0.06	30.91 0.28 -5.85	21.95 0.21 0.00	22.52 0.17 0.00	21.83 0.16 0.00

CORONA_69_KV_TB1 355595	36.65 1.93 0.00	27.10 1.46 0.00	45.48 1.19 -20.01	62.72 0.97 -39.91	37.83 0.99 -15.15	38.09 1.00 -14.16	31.54 1.08 -6.38	26.11 1.04 -1.04	26.65 1.15 -4.69	37.00 1.35 -14.37	26.96 1.46 -4.64	27.05 1.45 -4.29	30.56 1.52 -8.13	34.91 1.63 -11.90	51.41 1.76 -28.23	37.35 1.84 -13.85	75.25 2.03 -48.99	50.05 2.35 -20.46	62.71 2.95 -22.89	40.53 2.71 0.00	26.73 1.95 0.00	23.74 1.65 -0.35	26.41 1.49 -2.57	22.80 1.13 0.00
CORTLAND_115KV_TB3 80093	53.95 -0.14 -19.37	35.88 -0.17 -10.40	24.16 -0.13 0.00	22.60 -0.15 -0.92	21.54 -0.14 0.00	22.82 -0.12 0.00	23.98 -0.10 0.00	23.94 -0.09 0.00	20.77 -0.04 0.00	21.22 -0.05 0.00	20.78 -0.07 0.00	21.18 -0.13 0.00	20.75 -0.17 0.00	21.16 -0.21 0.00	21.20 -0.22 0.00	21.47 -0.19 0.00	24.09 -0.14 0.00	27.16 -0.08 0.00	36.79 0.00 0.07	37.93 0.17 0.05	26.49 0.08 -1.63	21.79 0.05 0.00	22.36 0.01 0.00	21.70 0.02 0.00
COXSACKIE___GT 23611	36.72 1.99 0.00	27.09 1.44 0.00	25.78 1.49 0.00	23.14 1.30 0.00	22.98 1.30 0.00	24.34 1.41 0.00	25.49 1.41 0.00	25.38 1.36 0.00	21.73 0.92 0.00	21.94 0.67 0.00	21.44 0.59 0.00	21.99 0.68 0.00	21.65 0.74 0.00	22.05 0.67 0.00	22.03 0.60 0.00	22.31 0.65 0.00	25.00 0.77 0.00	28.55 1.31 0.00	39.05 2.19 0.00	40.28 2.47 0.00	26.51 1.73 0.00	23.21 1.47 0.00	23.64 1.29 0.00	22.73 1.06 0.00
CPV_VALLEY___CC1 323721	35.49 0.77 0.00	26.18 0.53 0.00	24.67 0.39 0.00	22.15 0.31 0.00	21.99 0.31 0.00	23.24 0.31 0.00	24.43 0.35 0.00	24.34 0.31 0.00	21.24 0.43 0.00	21.83 0.55 0.00	21.49 0.63 0.00	21.92 0.61 0.00	21.55 0.63 0.00	22.07 0.70 0.00	22.22 0.80 0.00	22.52 0.86 0.00	25.20 0.97 0.00	28.39 1.15 0.00	38.32 1.45 0.00	39.08 1.27 0.00	25.72 0.94 0.00	22.49 0.75 0.00	22.95 0.60 0.00	22.07 0.39 0.00
CPV_VALLEY___CC2 323722	35.49 0.77 0.00	26.18 0.53 0.00	24.67 0.39 0.00	22.15 0.31 0.00	21.99 0.31 0.00	23.24 0.31 0.00	24.43 0.35 0.00	24.34 0.31 0.00	21.24 0.43 0.00	21.83 0.55 0.00	21.49 0.63 0.00	21.92 0.61 0.00	21.55 0.63 0.00	22.07 0.70 0.00	22.22 0.80 0.00	22.52 0.86 0.00	25.20 0.97 0.00	28.39 1.15 0.00	38.32 1.45 0.00	39.08 1.27 0.00	25.72 0.94 0.00	22.49 0.75 0.00	22.95 0.60 0.00	22.07 0.39 0.00
CRESCENT___HYD 24018	35.81 1.09 0.00	26.45 0.80 0.00	25.07 0.78 0.00	22.52 0.69 0.00	22.39 0.71 0.00	23.68 0.75 0.00	24.79 0.71 0.00	24.69 0.66 0.00	21.36 0.54 0.00	21.80 0.52 0.00	21.38 0.53 0.00	21.88 0.57 0.00	21.47 0.55 0.00	22.02 0.65 0.00	22.09 0.66 0.00	22.35 0.68 0.00	25.07 0.85 0.00	28.27 1.03 0.00	38.25 1.38 0.00	39.20 1.39 0.00	25.84 1.06 0.00	22.63 0.89 0.00	23.12 0.78 0.00	22.27 0.59 0.00
CRICKET___VALLEY_CC1 323756	35.64 0.92 0.00	26.29 0.64 0.00	24.81 0.52 0.00	22.29 0.46 0.00	22.15 0.47 0.00	23.40 0.47 0.00	24.56 0.48 0.00	24.46 0.44 0.00	21.33 0.52 0.00	21.89 0.62 0.00	21.57 0.71 0.00	22.00 0.69 0.00	21.60 0.69 0.00	22.14 0.77 0.00	22.33 0.90 0.00	22.63 0.97 0.00	25.33 1.10 0.00	28.59 1.35 0.00	38.59 1.73 0.00	39.34 1.53 0.00	25.91 1.13 0.00	22.65 0.91 0.00	23.08 0.73 0.00	22.18 0.50 0.00
CRICKET___VALLEY_CC2 323757	35.64 0.92 0.00	26.29 0.64 0.00	24.81 0.52 0.00	22.29 0.46 0.00	22.15 0.47 0.00	23.40 0.47 0.00	24.56 0.48 0.00	24.46 0.44 0.00	21.33 0.52 0.00	21.89 0.62 0.00	21.57 0.71 0.00	22.00 0.69 0.00	21.60 0.69 0.00	22.14 0.77 0.00	22.33 0.90 0.00	22.63 0.97 0.00	25.33 1.10 0.00	28.59 1.35 0.00	38.59 1.73 0.00	39.34 1.53 0.00	25.91 1.13 0.00	22.65 0.91 0.00	23.08 0.73 0.00	22.18 0.50 0.00
CRICKET___VALLEY_CC3 323758	35.64 0.92 0.00	26.29 0.64 0.00	24.81 0.52 0.00	22.29 0.46 0.00	22.15 0.47 0.00	23.40 0.47 0.00	24.56 0.48 0.00	24.46 0.44 0.00	21.33 0.52 0.00	21.89 0.62 0.00	21.57 0.71 0.00	22.00 0.69 0.00	21.60 0.69 0.00	22.14 0.77 0.00	22.33 0.90 0.00	22.63 0.97 0.00	25.33 1.10 0.00	28.59 1.35 0.00	38.59 1.73 0.00	39.34 1.53 0.00	25.91 1.13 0.00	22.65 0.91 0.00	23.08 0.73 0.00	22.18 0.50 0.00
CRUCIBLE_METL_DRP 24180	34.35 -0.37 0.00	25.32 -0.32 0.00	24.00 -0.29 0.00	21.57 -0.27 0.00	21.40 -0.28 0.00	22.67 -0.27 0.00	23.81 -0.27 0.00	23.76 -0.27 0.00	20.62 -0.19 0.00	21.08 -0.19 0.00	20.64 -0.21 0.00	21.04 -0.27 0.00	20.62 -0.29 0.00	21.06 -0.31 0.00	21.09 -0.34 0.00	21.32 -0.35 0.00	23.87 -0.36 0.00	26.87 -0.37 0.00	36.41 -0.46 0.00	37.43 -0.39 0.00	24.52 -0.26 0.00	21.50 -0.24 0.00	22.09 -0.25 0.00	21.51 -0.16 0.00
DAHOWA___HYDRO 323763	36.85 2.13 0.00	27.17 1.52 0.00	25.73 1.44 0.00	23.09 1.25 0.00	22.95 1.26 0.00	24.29 1.36 0.00	25.46 1.38 0.00	25.38 1.35 0.00	21.89 1.08 0.00	22.27 1.00 0.00	21.76 0.91 0.00	22.35 1.04 0.00	21.86 0.94 0.00	22.48 1.10 0.00	22.46 1.04 0.00	22.72 1.06 0.00	25.57 1.35 0.00	28.90 1.66 0.00	39.26 2.39 0.00	40.30 2.49 0.00	26.54 1.76 0.00	23.26 1.52 0.00	23.75 1.41 0.00	22.82 1.15 0.00
DANC___LFGE 323619	34.81 0.08 0.00	25.63 -0.02 0.00	24.32 0.03 0.00	21.75 -0.08 0.00	21.49 -0.20 0.00	22.86 -0.07 0.00	24.00 -0.08 0.00	23.91 -0.12 0.00	20.59 -0.22 0.00	20.95 -0.33 0.00	20.51 -0.35 0.00	21.00 -0.31 0.00	20.49 -0.42 0.00	20.79 -0.58 0.00	20.78 -0.64 0.00	20.95 -0.71 0.00	23.46 -0.77 0.00	26.50 -0.74 0.00	36.58 -0.38 -0.09	38.04 0.16 -0.06	24.84 0.06 0.00	21.82 0.08 0.00	22.38 0.03 0.00	21.73 0.06 0.00
DANSKAMMER___1 23586	36.24 1.52 0.00	26.70 1.05 0.00	25.15 0.86 0.00	22.57 0.73 0.00	22.41 0.72 0.00	23.67 0.74 0.00	24.88 0.80 0.00	24.80 0.77 0.00	21.65 0.84 0.00	22.25 0.98 0.00	21.92 1.07 0.00	22.38 1.07 0.00	22.01 1.10 0.00	22.56 1.18 0.00	22.73 1.30 0.00	23.05 1.38 0.00	25.81 1.58 0.00	29.12 1.88 0.00	39.29 2.42 0.00	40.02 2.21 0.00	26.32 1.54 0.00	23.00 1.26 0.00	23.43 1.08 0.00	22.49 0.82 0.00
DANSKAMMER___2 23589	36.24 1.52 0.00	26.70 1.05 0.00	25.15 0.86 0.00	22.57 0.73 0.00	22.41 0.72 0.00	23.67 0.74 0.00	24.88 0.80 0.00	24.80 0.77 0.00	21.65 0.84 0.00	22.25 0.98 0.00	21.92 1.07 0.00	22.38 1.07 0.00	22.01 1.10 0.00	22.56 1.18 0.00	22.73 1.30 0.00	23.05 1.38 0.00	25.81 1.58 0.00	29.12 1.88 0.00	39.29 2.42 0.00	40.02 2.21 0.00	26.32 1.54 0.00	23.00 1.26 0.00	23.43 1.08 0.00	22.49 0.82 0.00
DANSKAMMER___3 23590	36.24 1.52 0.00	26.70 1.05 0.00	25.15 0.86 0.00	22.57 0.73 0.00	22.41 0.72 0.00	23.67 0.74 0.00	24.88 0.80 0.00	24.80 0.77 0.00	21.65 0.84 0.00	22.25 0.98 0.00	21.92 1.07 0.00	22.38 1.07 0.00	22.01 1.10 0.00	22.56 1.18 0.00	22.73 1.30 0.00	23.05 1.38 0.00	25.81 1.58 0.00	29.12 1.88 0.00	39.29 2.42 0.00	40.02 2.21 0.00	26.32 1.54 0.00	23.00 1.26 0.00	23.43 1.08 0.00	22.49 0.82 0.00

DANSKAMMER___4 23591	36.24 1.52 0.00	26.70 1.05 0.00	25.15 0.86 0.00	22.57 0.73 0.00	22.41 0.72 0.00	23.67 0.74 0.00	24.88 0.80 0.00	24.80 0.77 0.00	21.65 0.84 0.00	22.25 0.98 0.00	21.92 1.07 0.00	22.38 1.07 0.00	22.01 1.10 0.00	22.56 1.18 0.00	22.73 1.30 0.00	23.05 1.38 0.00	25.81 1.58 0.00	29.12 1.88 0.00	39.29 2.42 0.00	40.02 2.21 0.00	26.32 1.54 0.00	23.00 1.26 0.00	23.43 1.08 0.00	22.49 0.82 0.00
DANSKAMMER___DIESEL 23592	36.23 1.51 0.00	26.70 1.05 0.00	25.15 0.86 0.00	22.57 0.73 0.00	22.41 0.72 0.00	23.67 0.74 0.00	24.88 0.80 0.00	24.80 0.77 0.00	21.65 0.84 0.00	22.25 0.98 0.00	21.92 1.07 0.00	22.38 1.07 0.00	22.01 1.10 0.00	22.56 1.18 0.00	22.73 1.31 0.00	23.05 1.38 0.00	25.81 1.58 0.00	29.12 1.88 0.00	39.29 2.42 0.00	40.03 2.21 0.00	26.32 1.54 0.00	23.00 1.26 0.00	23.43 1.09 0.00	22.49 0.82 0.00
DARBY___SOLAR 323810	36.67 1.94 0.00	27.03 1.39 0.00	25.60 1.31 0.00	22.98 1.14 0.00	22.84 1.15 0.00	24.17 1.24 0.00	25.33 1.25 0.00	25.24 1.22 0.00	21.77 0.96 0.00	22.16 0.89 0.00	21.67 0.81 0.00	22.25 0.94 0.00	21.77 0.85 0.00	22.37 0.99 0.00	22.37 0.95 0.00	22.64 0.98 0.00	25.46 1.23 0.00	28.76 1.52 0.00	39.06 2.19 0.00	40.09 2.28 0.00	26.40 1.62 0.00	23.14 1.40 0.00	23.63 1.29 0.00	22.73 1.05 0.00
DASHVILLE___HYD 23610	35.77 1.05 0.00	26.31 0.67 0.00	24.77 0.48 0.00	22.24 0.40 0.00	22.08 0.39 0.00	23.31 0.37 0.00	24.50 0.42 0.00	24.44 0.41 0.00	21.42 0.60 0.00	22.05 0.78 0.00	21.71 0.86 0.00	22.14 0.84 0.00	21.78 0.87 0.00	22.34 0.96 0.00	22.52 1.10 0.00	22.83 1.17 0.00	25.57 1.34 0.00	28.80 1.56 0.00	38.82 1.95 0.00	39.52 1.71 0.00	25.98 1.21 0.00	22.69 0.95 0.00	23.12 0.78 0.00	22.21 0.53 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	36.42 1.70 0.00	26.98 1.34 0.00	45.59 1.29 -20.01	63.02 1.28 -39.91	38.02 1.18 -15.15	38.21 1.12 -14.16	31.54 1.08 -6.38	26.06 1.00 -1.04	26.73 1.24 -4.69	37.26 1.61 -14.37	27.34 1.84 -4.64	27.39 1.79 -4.29	30.79 1.75 -8.13	35.20 1.92 -11.90	51.84 2.18 -28.23	37.95 2.44 -13.85	76.06 2.84 -48.99	51.14 3.45 -20.46	64.22 4.47 -22.89	41.77 3.95 0.00	27.44 2.66 0.00	24.09 2.00 -0.35	26.59 1.68 -2.57	22.79 1.12 0.00
DELAWARE___LFGE 323621	35.25 0.52 0.00	25.96 0.32 0.00	24.57 0.29 0.00	22.07 0.24 0.00	21.91 0.23 0.00	23.19 0.25 0.00	24.37 0.28 0.00	24.30 0.27 0.00	21.14 0.32 0.00	21.69 0.42 0.00	21.27 0.42 0.00	21.69 0.39 0.00	21.29 0.37 0.00	21.76 0.38 0.00	21.83 0.40 0.00	22.08 0.41 0.00	24.74 0.52 0.00	27.89 0.65 0.00	37.70 0.88 0.05	38.67 0.89 0.03	25.37 0.59 0.00	22.20 0.46 0.00	22.74 0.40 0.00	22.01 0.33 0.00
DERFIELD_115KV_TB7 355931	34.76 0.04 0.00	25.66 0.01 0.00	24.30 0.01 0.00	21.84 0.00 0.00	21.68 0.00 0.00	22.94 0.00 0.00	24.08 0.00 0.00	24.01 -0.01 0.00	20.81 0.00 0.00	21.28 0.00 0.00	20.88 0.02 0.00	21.32 0.01 0.00	20.91 0.00 0.00	21.39 0.01 0.00	21.45 0.02 0.00	21.68 0.02 0.00	24.26 0.03 0.00	27.30 0.06 0.00	36.96 0.09 0.00	37.90 0.09 0.00	24.87 0.09 0.00	21.81 0.07 0.00	22.39 0.04 0.00	21.70 0.02 0.00
DOGLEVILLE___HYD 23807	34.64 -0.08 0.00	25.51 -0.13 0.00	24.23 -0.06 0.00	21.72 -0.12 0.00	21.61 -0.08 0.00	22.87 -0.07 0.00	23.91 -0.17 0.00	23.71 -0.32 0.00	20.31 -0.50 0.00	20.69 -0.58 0.00	20.37 -0.49 0.00	20.82 -0.49 0.00	20.42 -0.50 0.00	20.91 -0.46 0.00	20.97 -0.45 0.00	21.23 -0.44 0.00	23.85 -0.37 0.00	26.97 -0.27 0.00	36.90 0.03 0.00	37.93 0.11 0.00	24.95 0.18 0.00	21.95 0.21 0.00	22.36 0.01 0.00	21.45 -0.22 0.00
DUNKIRK___115KV_TB_200 55889	18.26 -2.73 13.74	16.22 -2.05 7.38	22.48 -1.80 0.00	19.61 -1.57 0.65	20.13 -1.56 0.00	21.44 -1.50 0.00	22.65 -1.44 0.00	22.71 -1.32 0.00	19.84 -0.97 0.00	20.17 -1.10 0.00	19.51 -1.34 0.00	19.76 -1.55 0.00	19.47 -1.45 0.00	19.87 -1.50 0.00	19.88 -1.55 0.00	20.21 -1.45 0.00	22.78 -1.44 0.00	25.46 -1.78 0.00	34.25 -2.36 0.25	35.67 -1.97 0.17	22.30 -1.32 1.16	20.65 -1.09 0.00	21.45 -0.90 0.00	20.89 -0.78 0.00
DUNKIRK___1 23563	18.26 -2.73 13.74	16.22 -2.05 7.38	22.48 -1.80 0.00	19.61 -1.57 0.65	20.13 -1.56 0.00	21.44 -1.50 0.00	22.65 -1.44 0.00	22.71 -1.32 0.00	19.84 -0.97 0.00	20.17 -1.10 0.00	19.51 -1.34 0.00	19.76 -1.55 0.00	19.47 -1.45 0.00	19.87 -1.50 0.00	19.88 -1.55 0.00	20.21 -1.45 0.00	22.78 -1.44 0.00	25.46 -1.78 0.00	34.25 -2.36 0.25	35.67 -1.97 0.17	22.30 -1.32 1.16	20.65 -1.09 0.00	21.45 -0.90 0.00	20.89 -0.78 0.00
DUNKIRK___2 23564	18.26 -2.73 13.74	16.22 -2.05 7.38	22.48 -1.80 0.00	19.61 -1.57 0.65	20.13 -1.56 0.00	21.44 -1.50 0.00	22.65 -1.44 0.00	22.71 -1.32 0.00	19.84 -0.97 0.00	20.17 -1.10 0.00	19.51 -1.34 0.00	19.76 -1.55 0.00	19.47 -1.45 0.00	19.87 -1.50 0.00	19.88 -1.55 0.00	20.21 -1.45 0.00	22.78 -1.44 0.00	25.46 -1.78 0.00	34.25 -2.36 0.25	35.67 -1.97 0.17	22.30 -1.32 1.16	20.65 -1.09 0.00	21.45 -0.90 0.00	20.89 -0.78 0.00
DUNKIRK___3 23565	18.57 -2.73 13.43	16.39 -2.05 7.21	22.46 -1.82 0.00	19.60 -1.60 0.64	20.10 -1.59 0.00	21.39 -1.55 0.00	22.58 -1.49 0.00	22.65 -1.37 0.00	19.79 -1.02 0.00	20.12 -1.15 0.00	19.49 -1.37 0.00	19.72 -1.59 0.00	19.42 -1.50 0.00	19.81 -1.56 0.00	19.81 -1.61 0.00	20.14 -1.53 0.00	22.68 -1.54 0.00	25.36 -1.88 0.00	34.06 -2.55 0.25	35.44 -2.21 0.17	22.19 -1.46 1.13	20.53 -1.21 0.00	21.33 -1.02 0.00	20.80 -0.87 0.00
DUNKIRK___4 23566	18.57 -2.73 13.43	16.39 -2.05 7.21	22.46 -1.82 0.00	19.60 -1.60 0.64	20.10 -1.59 0.00	21.39 -1.55 0.00	22.58 -1.49 0.00	22.65 -1.37 0.00	19.79 -1.02 0.00	20.12 -1.15 0.00	19.49 -1.37 0.00	19.72 -1.59 0.00	19.42 -1.50 0.00	19.81 -1.56 0.00	19.81 -1.61 0.00	20.14 -1.53 0.00	22.68 -1.54 0.00	25.36 -1.88 0.00	34.06 -2.55 0.25	35.44 -2.21 0.17	22.19 -1.46 1.13	20.53 -1.21 0.00	21.33 -1.02 0.00	20.80 -0.87 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	36.19 1.47 0.00	26.67 1.03 0.00	25.11 0.82 0.00	22.54 0.71 0.00	22.38 0.69 0.00	23.63 0.69 0.00	24.85 0.77 0.00	24.77 0.75 0.00	21.67 0.86 0.00	22.30 1.03 0.00	21.99 1.13 0.00	22.41 1.10 0.00	22.07 1.15 0.00	22.61 1.23 0.00	22.78 1.36 0.00	23.09 1.43 0.00	25.82 1.59 0.00	29.11 1.87 0.00	39.23 2.36 0.00	39.92 2.11 0.00	26.29 1.51 0.00	22.98 1.24 0.00	23.41 1.07 0.00	22.47 0.79 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	35.97 1.25 0.00	26.50 0.86 0.00	24.96 0.68 0.00	22.40 0.56 0.00	22.24 0.55 0.00	23.50 0.57 0.00	24.70 0.62 0.00	24.61 0.59 0.00	21.50 0.69 0.00	22.10 0.83 0.00	21.76 0.91 0.00	22.21 0.90 0.00	21.84 0.93 0.00	22.38 1.00 0.00	22.55 1.12 0.00	22.85 1.19 0.00	25.59 1.36 0.00	28.86 1.63 0.00	38.95 2.08 0.00	39.69 1.88 0.00	26.11 1.33 0.00	22.82 1.07 0.00	23.25 0.91 0.00	22.33 0.66 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	36.31 1.59 0.00	26.80 1.15 0.00	25.21 0.92 0.00	22.64 0.80 0.00	22.44 0.75 0.00	23.68 0.75 0.00	24.93 0.85 0.00	24.82 0.79 0.00	21.73 0.92 0.00	22.33 1.06 0.00	22.03 1.17 0.00	22.45 1.13 0.00	22.11 1.19 0.00	22.64 1.27 0.00	22.82 1.39 0.00	23.14 1.48 0.00	25.87 1.65 0.00	29.15 1.92 0.00	39.32 2.45 0.00	39.95 2.13 0.00	26.40 1.62 0.00	23.04 1.30 0.00	23.44 1.10 0.00	22.50 0.83 0.00
E179THST_13_KV_LOAD 356214	36.49 1.77 0.00	26.93 1.29 0.00	25.32 1.04 0.00	22.74 0.90 0.00	22.53 0.85 0.00	23.79 0.85 0.00	25.03 0.95 0.00	24.93 0.90 0.00	21.83 1.02 0.00	22.43 1.16 0.00	22.13 1.28 0.00	22.55 1.24 0.00	22.21 1.30 0.00	22.75 1.37 0.00	22.93 1.50 0.00	23.25 1.59 0.00	26.00 1.77 0.00	29.29 2.06 0.00	39.51 2.65 0.00	40.15 2.34 0.00	26.52 1.75 0.00	23.16 1.41 0.00	23.55 1.21 0.00	22.61 0.93 0.00
EAST HAMPTON___GT 23717	36.25 1.52 0.00	26.85 1.21 0.00	45.60 1.31 -20.01	63.21 1.47 -39.91	38.21 1.37 -15.15	38.34 1.25 -14.16	31.53 1.07 -6.38	26.05 0.99 -1.04	26.79 1.29 -4.69	37.43 1.78 -14.37	27.58 2.08 -4.64	27.63 2.03 -4.29	30.96 1.91 -8.13	35.46 2.18 -11.90	52.22 2.56 -28.23	38.38 2.87 -13.85	76.57 3.35 -48.99	51.73 4.03 -20.46	65.00 5.24 -22.89	42.52 4.71 0.00	27.91 3.14 0.00	24.40 2.30 -0.36	26.73 1.81 -2.57	22.78 1.11 0.00
EAST RIVER___6 23660	36.34 1.61 0.00	26.79 1.14 0.00	25.20 0.92 0.00	22.63 0.79 0.00	22.46 0.77 0.00	23.70 0.77 0.00	24.96 0.88 0.00	24.87 0.85 0.00	21.78 0.97 0.00	22.42 1.15 0.00	22.13 1.28 0.00	22.55 1.24 0.00	22.22 1.31 0.00	22.76 1.39 0.00	22.94 1.52 0.00	23.26 1.60 0.00	26.00 1.77 0.00	29.30 2.06 0.00	39.45 2.58 0.00	40.08 2.27 0.00	26.43 1.65 0.00	23.09 1.35 0.00	23.52 1.18 0.00	22.56 0.89 0.00
EAST RIVER___7 23524	36.34 1.61 0.00	26.79 1.14 0.00	25.20 0.92 0.00	22.63 0.79 0.00	22.46 0.77 0.00	23.70 0.77 0.00	24.96 0.88 0.00	24.87 0.85 0.00	21.78 0.97 0.00	22.42 1.15 0.00	22.13 1.28 0.00	22.55 1.24 0.00	22.22 1.31 0.00	22.76 1.39 0.00	22.94 1.52 0.00	23.26 1.60 0.00	26.00 1.77 0.00	29.30 2.06 0.00	39.45 2.58 0.00	40.08 2.27 0.00	26.43 1.65 0.00	23.09 1.35 0.00	23.52 1.18 0.00	22.56 0.89 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	36.11 1.39 0.00	26.61 0.97 0.00	25.06 0.78 0.00	22.49 0.66 0.00	22.33 0.65 0.00	23.59 0.65 0.00	24.80 0.72 0.00	24.72 0.69 0.00	21.61 0.80 0.00	22.23 0.96 0.00	21.92 1.07 0.00	22.35 1.04 0.00	21.99 1.08 0.00	22.54 1.16 0.00	22.71 1.29 0.00	23.02 1.36 0.00	25.75 1.52 0.00	29.03 1.79 0.00	39.14 2.27 0.00	39.83 2.02 0.00	26.23 1.45 0.00	22.93 1.19 0.00	23.36 1.02 0.00	22.42 0.74 0.00
EAST_HAMPTON___DIESEL 23722	36.16 1.43 0.00	26.79 1.14 0.00	45.56 1.27 -20.01	63.20 1.45 -39.91	38.20 1.36 -15.15	38.32 1.23 -14.16	31.49 1.03 -6.38	26.01 0.94 -1.04	26.76 1.26 -4.69	37.41 1.76 -14.37	27.57 2.07 -4.64	27.62 2.03 -4.29	30.93 1.89 -8.13	35.45 2.17 -11.90	52.22 2.56 -28.23	38.39 2.88 -13.85	76.58 3.36 -48.99	51.74 4.05 -20.46	65.01 5.25 -22.89	42.54 4.72 0.00	27.93 3.15 0.00	24.39 2.30 -0.36	26.70 1.79 -2.57	22.75 1.07 0.00
EAST_POINT___SOLAR 323840	36.91 2.19 0.00	27.21 1.57 0.00	25.67 1.38 0.00	23.07 1.23 0.00	22.88 1.20 0.00	24.22 1.28 0.00	25.49 1.40 0.00	25.06 1.04 0.00	21.07 0.26 0.00	21.68 0.41 0.00	21.12 0.26 0.00	21.69 0.39 0.00	21.46 0.54 0.00	21.97 0.60 0.00	22.00 0.57 0.00	22.36 0.70 0.00	25.11 0.88 0.00	28.33 1.09 0.00	38.90 2.04 0.00	40.30 2.49 0.00	26.39 1.61 0.00	23.08 1.34 0.00	23.70 1.36 0.00	23.03 1.35 0.00
EAST_PULASKI___ESR 323781	34.36 -0.36 0.00	25.33 -0.31 0.00	24.02 -0.27 0.00	21.54 -0.29 0.00	21.35 -0.34 0.00	22.62 -0.31 0.00	23.74 -0.34 0.00	23.68 -0.34 0.00	20.49 -0.32 0.00	20.90 -0.37 0.00	20.48 -0.38 0.00	20.90 -0.41 0.00	20.44 -0.47 0.00	20.83 -0.54 0.00	20.84 -0.58 0.00	21.03 -0.63 0.00	23.51 -0.71 0.00	26.50 -0.74 0.00	36.35 -0.70 -0.19	37.52 -0.42 -0.12	24.52 -0.26 0.00	21.53 -0.22 0.00	22.09 -0.25 0.00	21.50 -0.17 0.00
EAST_RIVER___1 323558	36.27 1.55 0.00	26.74 1.09 0.00	25.16 0.87 0.00	22.59 0.76 0.00	22.42 0.74 0.00	23.67 0.73 0.00	24.91 0.83 0.00	24.83 0.81 0.00	21.73 0.92 0.00	22.38 1.10 0.00	22.07 1.22 0.00	22.49 1.18 0.00	22.16 1.24 0.00	22.70 1.33 0.00	22.88 1.45 0.00	23.20 1.53 0.00	25.92 1.69 0.00	29.22 1.98 0.00	39.35 2.48 0.00	39.99 2.17 0.00	26.37 1.59 0.00	23.04 1.30 0.00	23.48 1.13 0.00	22.52 0.85 0.00
EAST_RIVER___2 323559	36.34 1.61 0.00	26.79 1.14 0.00	25.20 0.92 0.00	22.63 0.79 0.00	22.46 0.77 0.00	23.70 0.77 0.00	24.96 0.88 0.00	24.87 0.85 0.00	21.78 0.97 0.00	22.42 1.15 0.00	22.13 1.28 0.00	22.55 1.24 0.00	22.22 1.31 0.00	22.76 1.39 0.00	22.94 1.52 0.00	23.26 1.60 0.00	26.00 1.77 0.00	29.30 2.06 0.00	39.45 2.58 0.00	40.08 2.27 0.00	26.43 1.65 0.00	23.09 1.35 0.00	23.52 1.18 0.00	22.56 0.89 0.00
EAST___DELAWARE_HYD 23607	35.45 0.73 0.00	26.10 0.45 0.00	24.57 0.28 0.00	22.03 0.20 0.00	21.87 0.18 0.00	23.12 0.19 0.00	24.31 0.23 0.00	24.24 0.22 0.00	21.18 0.37 0.00	21.73 0.46 0.00	21.38 0.53 0.00	21.80 0.49 0.00	21.45 0.54 0.00	21.98 0.60 0.00	22.12 0.69 0.00	22.43 0.77 0.00	25.14 0.91 0.00	28.40 1.16 0.00	38.40 1.54 0.00	39.18 1.36 0.00	25.74 0.96 0.00	22.47 0.73 0.00	22.90 0.55 0.00	21.99 0.32 0.00
EIGHT_POINT___WT_PWR 323820	-4.91 -1.09 38.54	3.74 -1.20 20.70	23.13 -1.15 0.01	18.85 -1.16 1.83	20.58 -1.10 0.00	21.83 -1.10 0.00	22.81 -1.27 0.00	23.07 -0.95 0.00	20.39 -0.43 0.00	20.54 -0.73 0.00	19.75 -1.10 0.00	20.15 -1.16 0.00	19.67 -1.25 0.00	19.98 -1.40 0.00	19.89 -1.54 0.00	19.99 -1.67 0.00	22.64 -1.59 0.00	25.57 -1.67 0.00	35.07 -1.63 0.17	37.00 -0.70 0.12	20.79 -0.74 3.24	21.34 -0.40 0.00	21.96 -0.39 0.00	21.13 -0.54 0.00
ELBRIDGE_115KV_TB2 80188	34.13 -0.59 0.00	25.17 -0.47 0.00	23.86 -0.43 0.00	21.44 -0.40 0.00	21.26 -0.42 0.00	22.51 -0.42 0.00	23.64 -0.44 0.00	23.60 -0.43 0.00	20.48 -0.33 0.00	20.94 -0.34 0.00	20.49 -0.36 0.00	20.89 -0.42 0.00	20.47 -0.44 0.00	20.91 -0.47 0.00	20.93 -0.50 0.00	21.16 -0.50 0.00	23.69 -0.53 0.00	26.66 -0.58 0.00	36.11 -0.76 0.00	37.13 -0.68 0.00	24.33 -0.45 0.00	21.34 -0.41 0.00	21.94 -0.41 0.00	21.37 -0.30 0.00
ELEC_TRO_TEK 24086	36.42 1.70 0.00	26.94 1.29 0.00	45.35 1.06 -20.01	62.62 0.87 -39.91	37.70 0.87 -15.15	37.97 0.88 -14.16	31.43 0.96 -6.38	26.00 0.94 -1.04	26.55 1.05 -4.69	36.89 1.25 -14.37	26.85 1.35 -4.64	26.93 1.34 -4.29	30.44 1.40 -8.13	34.78 1.49 -11.90	51.28 1.62 -28.23	37.20 1.69 -13.85	75.12 1.90 -48.99	49.90 2.20 -20.46	62.52 2.75 -22.89	40.33 2.51 0.00	26.58 1.80 0.00	23.60 1.51 -0.35	26.27 1.36 -2.57	22.70 1.02 0.00

ELLENBURG_WT_PWR 323604	35.31 0.58 0.00	26.15 0.51 0.00	24.79 0.50 0.00	22.27 0.44 0.00	22.09 0.40 0.00	23.35 0.42 0.00	24.53 0.44 0.00	24.50 0.47 0.00	21.04 0.23 0.00	21.45 0.18 0.00	21.03 0.17 0.00	21.46 0.15 0.00	21.00 0.08 0.00	21.24 -0.14 0.00	21.17 -0.25 0.00	21.39 -0.28 0.00	23.93 -0.29 0.00	27.08 -0.15 0.00	37.10 0.24 0.00	38.22 0.40 0.00	24.83 0.05 0.00	21.62 -0.12 0.00	22.29 -0.05 0.00	21.71 0.04 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	19.48 -2.84 12.40	16.87 -2.11 6.66	22.39 -1.90 0.00	19.57 -1.67 0.59	19.99 -1.69 0.00	21.26 -1.68 0.00	22.43 -1.66 0.00	22.53 -1.49 0.00	19.66 -1.16 0.00	19.96 -1.32 0.00	19.32 -1.53 0.00	19.53 -1.78 0.00	19.21 -1.70 0.00	19.61 -1.76 0.00	19.56 -1.87 0.00	19.87 -1.79 0.00	22.35 -1.88 0.00	24.94 -2.30 0.00	33.38 -3.23 0.26	34.70 -2.94 0.17	21.91 -1.83 1.04	20.20 -1.54 0.00	21.03 -1.31 0.00	20.61 -1.06 0.00
EMPIRE_CC_1 323656	35.17 0.44 0.00	26.05 0.41 0.00	24.71 0.42 0.00	22.20 0.36 0.00	22.07 0.39 0.00	23.33 0.40 0.00	24.39 0.31 0.00	24.29 0.27 0.00	21.06 0.25 0.00	21.52 0.25 0.00	21.15 0.29 0.00	21.61 0.31 0.00	21.21 0.29 0.00	21.76 0.38 0.00	21.85 0.43 0.00	22.11 0.45 0.00	24.72 0.49 0.00	27.81 0.57 0.00	37.53 0.67 0.00	38.45 0.63 0.00	25.38 0.60 0.00	22.30 0.56 0.00	22.78 0.44 0.00	21.94 0.27 0.00
EMPIRE_CC_2 323658	35.17 0.44 0.00	26.05 0.41 0.00	24.71 0.42 0.00	22.20 0.36 0.00	22.07 0.39 0.00	23.33 0.40 0.00	24.39 0.31 0.00	24.29 0.27 0.00	21.06 0.25 0.00	21.52 0.25 0.00	21.15 0.29 0.00	21.61 0.31 0.00	21.21 0.29 0.00	21.76 0.38 0.00	21.85 0.43 0.00	22.11 0.45 0.00	24.72 0.49 0.00	27.81 0.57 0.00	37.53 0.67 0.00	38.45 0.63 0.00	25.38 0.60 0.00	22.30 0.56 0.00	22.78 0.44 0.00	21.94 0.27 0.00
ENORWICH_115KV_TB1 80156	60.67 1.22 -24.73	39.54 0.62 -13.28	25.21 0.92 -0.01	23.67 0.65 -1.17	22.39 0.70 0.00	23.78 0.84 0.00	24.91 0.83 0.00	24.84 0.82 0.00	21.49 0.67 0.00	22.06 0.78 0.00	21.34 0.48 0.00	21.79 0.48 0.00	21.16 0.25 0.00	21.43 0.06 0.00	21.43 0.01 0.00	21.71 0.05 0.00	24.49 0.27 0.00	28.00 0.76 0.00	38.25 1.45 0.07	39.80 2.04 0.05	28.03 1.17 -2.08	22.69 0.95 0.00	23.24 0.90 0.00	22.58 0.91 0.00
ERIE_ST__34_KV_TB1-2 80199	19.17 -2.46 13.09	16.75 -1.86 7.03	22.58 -1.71 0.00	19.70 -1.52 0.62	20.14 -1.54 0.00	21.42 -1.52 0.00	22.60 -1.48 0.00	22.71 -1.31 0.00	19.83 -0.99 0.00	20.15 -1.12 0.00	19.53 -1.33 0.00	19.77 -1.54 0.00	19.42 -1.50 0.00	19.82 -1.55 0.00	19.79 -1.63 0.00	20.10 -1.56 0.00	22.62 -1.61 0.00	25.29 -1.95 0.00	33.88 -2.73 0.25	35.20 -2.44 0.17	22.14 -1.53 1.10	20.45 -1.30 0.00	21.26 -1.09 0.00	20.78 -0.89 0.00
ERIE_WT_PWR 323693	19.10 -2.71 12.92	16.69 -2.01 6.94	22.50 -1.79 0.00	19.62 -1.60 0.61	20.06 -1.62 0.00	21.35 -1.58 0.00	22.51 -1.57 0.00	22.62 -1.40 0.00	19.75 -1.06 0.00	20.03 -1.24 0.00	19.40 -1.45 0.00	19.62 -1.69 0.00	19.30 -1.61 0.00	19.70 -1.67 0.00	19.67 -1.76 0.00	19.96 -1.70 0.00	22.48 -1.74 0.00	25.09 -2.15 0.00	33.64 -2.97 0.26	34.94 -2.71 0.17	22.00 -1.69 1.09	20.34 -1.40 0.00	21.15 -1.19 0.00	20.71 -0.97 0.00
ESPRGFLD_115KV_TB1 80157	36.09 1.37 0.00	26.58 0.94 0.00	25.09 0.80 0.00	22.56 0.73 0.00	22.37 0.69 0.00	23.69 0.75 0.00	24.94 0.87 0.00	24.86 0.83 0.00	21.55 0.74 0.00	22.13 0.86 0.00	21.64 0.78 0.00	22.05 0.74 0.00	21.62 0.71 0.00	22.06 0.68 0.00	22.06 0.63 0.00	22.24 0.58 0.00	24.95 0.72 0.00	28.15 0.91 0.00	38.24 1.38 0.00	39.47 1.65 0.00	25.77 1.00 0.00	22.52 0.78 0.00	23.17 0.82 0.00	22.59 0.92 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	93.11 0.05 -58.35	56.93 -0.06 -31.35	24.28 -0.02 -0.01	24.54 -0.06 -2.77	21.64 -0.05 -0.01	22.92 -0.01 0.00	24.09 0.01 0.00	24.05 0.02 0.00	20.84 0.03 0.00	21.31 0.03 0.00	20.83 -0.02 0.00	21.22 -0.09 0.00	20.79 -0.13 0.00	21.16 -0.22 0.00	21.20 -0.23 0.00	21.45 -0.21 0.00	24.09 -0.13 0.00	27.23 0.00 0.00	36.99 0.20 0.08	38.19 0.43 0.06	29.93 0.24 -4.91	21.93 0.18 0.00	22.49 0.15 0.00	21.81 0.14 0.00
ETNA____115KV_TB2 80207	93.11 0.05 -58.35	56.93 -0.06 -31.35	24.28 -0.02 -0.01	24.54 -0.06 -2.77	21.64 -0.05 -0.01	22.92 -0.01 0.00	24.09 0.01 0.00	24.05 0.02 0.00	20.84 0.03 0.00	21.31 0.03 0.00	20.83 -0.02 0.00	21.22 -0.09 0.00	20.79 -0.13 0.00	21.16 -0.22 0.00	21.20 -0.23 0.00	21.45 -0.21 0.00	24.09 -0.13 0.00	27.23 0.00 0.00	36.99 0.20 0.08	38.19 0.43 0.06	29.93 0.24 -4.91	21.93 0.18 0.00	22.49 0.15 0.00	21.81 0.14 0.00
EUCLID__115KV_TB2 356179	34.02 -0.71 0.00	25.10 -0.55 0.00	23.78 -0.50 0.00	21.38 -0.46 0.00	21.22 -0.46 0.00	22.47 -0.46 0.00	23.60 -0.48 0.00	23.56 -0.47 0.00	20.45 -0.36 0.00	20.90 -0.37 0.00	20.47 -0.39 0.00	20.87 -0.44 0.00	20.45 -0.46 0.00	20.89 -0.49 0.00	20.91 -0.52 0.00	21.13 -0.53 0.00	23.65 -0.58 0.00	26.61 -0.63 0.00	35.86 -0.84 0.16	36.92 -0.78 0.11	24.28 -0.50 0.00	21.29 -0.45 0.00	21.89 -0.46 0.00	21.33 -0.35 0.00
E_CANADA_CAP_HY 24051	36.68 1.96 0.00	27.07 1.43 0.00	25.52 1.23 0.00	22.96 1.12 0.00	22.77 1.08 0.00	24.09 1.16 0.00	25.36 1.28 0.00	25.19 1.17 0.00	21.65 0.83 0.00	22.16 0.88 0.00	21.65 0.79 0.00	22.12 0.81 0.00	21.72 0.80 0.00	22.18 0.81 0.00	22.16 0.73 0.00	22.34 0.67 0.00	25.04 0.82 0.00	28.22 0.98 0.00	38.51 1.65 0.00	39.84 2.02 0.00	26.04 1.26 0.00	22.80 1.05 0.00	23.48 1.14 0.00	22.93 1.25 0.00
E_CANADA_MHWK_HY 24050	34.64 -0.08 0.00	25.51 -0.13 0.00	24.23 -0.06 0.00	21.72 -0.12 0.00	21.61 -0.08 0.00	22.87 -0.07 0.00	23.91 -0.17 0.00	23.71 -0.32 0.00	20.31 -0.50 0.00	20.69 -0.58 0.00	20.37 -0.49 0.00	20.82 -0.49 0.00	20.42 -0.50 0.00	20.91 -0.46 0.00	20.97 -0.45 0.00	21.23 -0.44 0.00	23.85 -0.37 0.00	26.97 -0.27 0.00	36.90 0.03 0.00	37.93 0.11 0.00	24.95 0.18 0.00	21.95 0.21 0.00	22.36 0.01 0.00	21.45 -0.22 0.00
E_FISHKILL__LBMP 23776	35.87 1.15 0.00	26.45 0.80 0.00	24.94 0.65 0.00	22.38 0.55 0.00	22.23 0.55 0.00	23.48 0.55 0.00	24.68 0.60 0.00	24.59 0.57 0.00	21.47 0.66 0.00	22.06 0.79 0.00	21.74 0.89 0.00	22.17 0.86 0.00	21.80 0.89 0.00	22.34 0.97 0.00	22.51 1.08 0.00	22.81 1.15 0.00	25.52 1.29 0.00	28.78 1.54 0.00	38.82 1.95 0.00	39.55 1.73 0.00	26.04 1.26 0.00	22.77 1.03 0.00	23.21 0.86 0.00	22.29 0.62 0.00
FALCON___SEABRD_CC1 323796	35.62 0.90 0.00	26.38 0.74 0.00	24.99 0.70 0.00	22.46 0.62 0.00	22.29 0.60 0.00	23.58 0.65 0.00	24.75 0.67 0.00	24.72 0.69 0.00	21.24 0.42 0.00	21.63 0.36 0.00	21.24 0.38 0.00	21.68 0.38 0.00	21.21 0.30 0.00	21.45 0.08 0.00	21.39 -0.04 0.00	21.61 -0.05 0.00	24.18 -0.04 0.00	27.37 0.13 0.00	37.47 0.60 0.00	38.61 0.80 0.00	25.11 0.33 0.00	21.81 0.07 0.00	22.47 0.12 0.00	21.87 0.20 0.00

FALCON___SEABRD_CC2 323797	35.62 0.90 0.00	26.38 0.74 0.00	24.99 0.70 0.00	22.46 0.62 0.00	22.29 0.60 0.00	23.58 0.65 0.00	24.75 0.67 0.00	24.72 0.69 0.00	21.24 0.42 0.00	21.63 0.36 0.00	21.24 0.38 0.00	21.68 0.38 0.00	21.21 0.30 0.00	21.45 0.08 0.00	21.39 -0.04 0.00	21.61 -0.05 0.00	24.18 -0.04 0.00	27.37 0.13 0.00	37.47 0.60 0.00	38.61 0.80 0.00	25.11 0.33 0.00	21.81 0.07 0.00	22.47 0.12 0.00	21.87 0.20 0.00
FAR ROCKAWAY___4 23548	36.96 2.24 0.00	27.33 1.68 0.00	45.69 1.40 -20.01	62.90 1.15 -39.91	37.99 1.16 -15.15	38.27 1.18 -14.16	31.72 1.25 -6.38	26.30 1.23 -1.04	26.81 1.32 -4.69	37.18 1.54 -14.37	27.15 1.65 -4.64	27.23 1.64 -4.29	30.76 1.72 -8.13	35.11 1.83 -11.90	51.63 1.97 -28.23	37.57 2.06 -13.85	75.50 2.28 -48.99	50.34 2.64 -20.46	63.10 3.34 -22.89	40.91 3.09 0.00	26.96 2.19 0.00	23.94 1.85 -0.35	26.60 1.68 -2.57	22.98 1.30 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	36.28 1.56 0.00	26.74 1.09 0.00	25.17 0.89 0.00	22.60 0.76 0.00	22.43 0.74 0.00	23.67 0.74 0.00	24.91 0.83 0.00	24.84 0.81 0.00	21.74 0.93 0.00	22.38 1.10 0.00	22.07 1.22 0.00	22.49 1.18 0.00	22.16 1.24 0.00	22.69 1.32 0.00	22.87 1.44 0.00	23.19 1.53 0.00	25.92 1.69 0.00	29.21 1.97 0.00	39.35 2.48 0.00	39.99 2.17 0.00	26.36 1.58 0.00	23.04 1.30 0.00	23.48 1.13 0.00	22.52 0.85 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	36.33 1.60 0.00	26.78 1.13 0.00	25.20 0.91 0.00	22.62 0.79 0.00	22.45 0.77 0.00	23.70 0.76 0.00	24.94 0.86 0.00	24.85 0.83 0.00	21.76 0.94 0.00	22.39 1.12 0.00	22.09 1.24 0.00	22.51 1.20 0.00	22.17 1.26 0.00	22.71 1.34 0.00	22.89 1.46 0.00	23.21 1.55 0.00	25.94 1.72 0.00	29.24 2.00 0.00	39.39 2.52 0.00	40.03 2.21 0.00	26.39 1.62 0.00	23.07 1.33 0.00	23.50 1.16 0.00	22.54 0.87 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	36.27 1.55 0.00	26.74 1.09 0.00	25.17 0.88 0.00	22.60 0.76 0.00	22.43 0.74 0.00	23.67 0.74 0.00	24.91 0.83 0.00	24.83 0.81 0.00	21.74 0.92 0.00	22.37 1.10 0.00	22.07 1.22 0.00	22.49 1.18 0.00	22.15 1.23 0.00	22.69 1.31 0.00	22.87 1.44 0.00	23.19 1.53 0.00	25.92 1.69 0.00	29.21 1.97 0.00	39.35 2.48 0.00	39.98 2.17 0.00	26.36 1.58 0.00	23.04 1.30 0.00	23.47 1.13 0.00	22.52 0.84 0.00
FARRAGUT___LBMP 323566	36.25 1.52 0.00	26.72 1.08 0.00	25.15 0.87 0.00	22.58 0.75 0.00	22.41 0.73 0.00	23.66 0.73 0.00	24.90 0.82 0.00	24.82 0.80 0.00	21.72 0.91 0.00	22.36 1.08 0.00	22.05 1.20 0.00	22.47 1.16 0.00	22.13 1.22 0.00	22.67 1.30 0.00	22.85 1.43 0.00	23.17 1.51 0.00	25.89 1.67 0.00	29.19 1.95 0.00	39.32 2.45 0.00	39.95 2.14 0.00	26.34 1.56 0.00	23.02 1.28 0.00	23.46 1.11 0.00	22.50 0.83 0.00
FENNER___WINDPWR 24204	45.81 0.29 -10.80	31.60 0.15 -5.80	24.45 0.16 0.00	22.47 0.12 -0.51	21.81 0.12 0.00	23.11 0.17 0.00	24.27 0.19 0.00	24.22 0.20 0.00	20.97 0.16 0.00	21.37 0.10 0.00	20.95 0.09 0.00	21.37 0.06 0.00	20.93 0.01 0.00	21.33 -0.04 0.00	21.38 -0.05 0.00	21.66 0.00 0.00	24.27 0.04 0.00	27.42 0.18 0.00	37.22 0.42 0.07	38.36 0.59 0.05	26.04 0.35 -0.91	22.03 0.29 0.00	22.60 0.26 0.00	21.92 0.25 0.00
FIBERTEK___ENERGY 23856	34.35 -0.37 0.00	25.32 -0.32 0.00	24.00 -0.29 0.00	21.57 -0.27 0.00	21.40 -0.28 0.00	22.67 -0.27 0.00	23.81 -0.27 0.00	23.76 -0.27 0.00	20.62 -0.19 0.00	21.08 -0.19 0.00	20.64 -0.21 0.00	21.04 -0.27 0.00	20.62 -0.29 0.00	21.06 -0.31 0.00	21.09 -0.34 0.00	21.32 -0.35 0.00	23.87 -0.36 0.00	26.87 -0.37 0.00	36.41 -0.46 0.00	37.43 -0.39 0.00	24.52 -0.26 0.00	21.50 -0.24 0.00	22.09 -0.25 0.00	21.51 -0.16 0.00
FITZPATRICK____ 23598	33.68 -1.04 0.00	24.87 -0.78 0.00	23.57 -0.72 0.00	21.19 -0.65 0.00	21.04 -0.65 0.00	22.26 -0.68 0.00	23.37 -0.71 0.00	23.34 -0.69 0.00	20.24 -0.57 0.00	20.69 -0.58 0.00	20.26 -0.60 0.00	20.66 -0.64 0.00	20.25 -0.66 0.00	20.68 -0.69 0.00	20.70 -0.73 0.00	20.91 -0.76 0.00	23.37 -0.86 0.00	26.27 -0.97 0.00	35.56 -1.31 0.00	36.54 -1.28 0.00	23.96 -0.82 0.00	21.01 -0.73 0.00	21.62 -0.73 0.00	21.10 -0.57 0.00
FLOWRFLD_69_KV_BK1 356044	36.48 1.76 0.00	27.06 1.42 0.00	45.53 1.23 -20.01	62.77 1.03 -39.91	37.79 0.95 -15.15	38.06 0.97 -14.16	31.51 1.05 -6.38	26.08 1.02 -1.04	26.65 1.15 -4.69	37.01 1.37 -14.37	27.01 1.51 -4.64	27.08 1.49 -4.29	30.56 1.52 -8.13	34.91 1.63 -11.90	51.44 1.79 -28.23	37.45 1.94 -13.85	75.46 2.24 -48.99	50.41 2.71 -20.46	63.21 3.45 -22.89	40.86 3.05 0.00	26.90 2.12 0.00	23.79 1.70 -0.35	26.46 1.54 -2.57	22.81 1.13 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	36.31 1.58 0.00	26.75 1.11 0.00	25.20 0.91 0.00	22.61 0.78 0.00	22.45 0.77 0.00	23.72 0.78 0.00	24.93 0.84 0.00	24.84 0.82 0.00	21.70 0.89 0.00	22.30 1.03 0.00	21.97 1.11 0.00	22.42 1.11 0.00	22.06 1.14 0.00	22.62 1.24 0.00	22.78 1.35 0.00	23.10 1.43 0.00	25.86 1.64 0.00	29.18 1.94 0.00	39.37 2.51 0.00	40.11 2.30 0.00	26.38 1.60 0.00	23.04 1.30 0.00	23.47 1.13 0.00	22.53 0.86 0.00
FORT ORANGE____ 23900	35.22 0.49 0.00	26.04 0.40 0.00	24.77 0.48 0.00	22.25 0.41 0.00	22.12 0.43 0.00	23.38 0.45 0.00	24.49 0.42 0.00	24.39 0.36 0.00	21.02 0.21 0.00	21.46 0.18 0.00	21.09 0.23 0.00	21.56 0.25 0.00	21.16 0.24 0.00	21.67 0.30 0.00	21.76 0.34 0.00	22.02 0.36 0.00	24.63 0.40 0.00	27.82 0.58 0.00	37.62 0.75 0.00	38.56 0.74 0.00	25.42 0.64 0.00	22.29 0.55 0.00	22.74 0.40 0.00	21.92 0.24 0.00
FORT_DRUM_COGEN 23780	35.49 0.76 0.00	26.10 0.46 0.00	24.77 0.48 0.00	22.12 0.28 0.00	21.79 0.11 0.00	23.26 0.32 0.00	24.44 0.36 0.00	24.32 0.29 0.00	20.85 0.04 0.00	21.12 -0.15 0.00	20.67 -0.18 0.00	21.20 -0.11 0.00	20.68 -0.24 0.00	20.91 -0.47 0.00	20.88 -0.55 0.00	21.02 -0.64 0.00	23.58 -0.65 0.00	26.71 -0.53 0.00	37.17 0.25 -0.05	38.93 1.08 -0.04	25.36 0.58 0.00	22.26 0.52 0.00	22.81 0.46 0.00	22.09 0.41 0.00
FOX_HILLS___ESR 323835	40.43 1.70 -4.01	39.46 1.21 -12.60	39.62 0.99 -14.34	39.24 0.91 -16.49	39.09 0.89 -16.52	37.81 0.88 -13.99	28.55 0.94 -3.54	39.14 0.85 -14.27	39.12 1.03 -17.28	39.17 1.19 -16.70	52.75 1.29 -30.60	39.56 1.24 -17.01	39.60 1.31 -17.38	40.45 1.38 -17.70	40.35 1.50 -17.42	40.38 1.56 -17.15	39.06 1.71 -13.12	39.99 2.04 -10.71	41.01 2.63 -1.51	41.92 2.31 -1.79	39.81 1.72 -13.31	44.87 1.41 -21.71	39.79 1.19 -16.26	39.32 0.94 -16.70
FPL FAR_ROCK_GT1 24212	36.96 2.24 0.00	27.33 1.69 0.00	45.69 1.39 -20.01	62.90 1.15 -39.91	37.99 1.16 -15.15	38.27 1.18 -14.16	31.72 1.25 -6.38	26.30 1.23 -1.04	26.81 1.31 -4.69	37.18 1.54 -14.37	27.15 1.65 -4.64	27.23 1.64 -4.29	30.76 1.71 -8.13	35.11 1.83 -11.90	51.63 1.97 -28.23	37.57 2.06 -13.85	75.50 2.28 -48.99	50.33 2.64 -20.46	63.10 3.34 -22.89	40.91 3.09 0.00	26.97 2.19 0.00	23.95 1.85 -0.36	26.60 1.68 -2.57	22.98 1.30 0.00

FPL FAR_ROCK_GT2 23815	36.96 2.24 0.00	27.33 1.69 0.00	45.69 1.39 -20.01	62.90 1.15 -39.91	37.99 1.16 -15.15	38.27 1.18 -14.16	31.72 1.25 -6.38	26.30 1.23 -1.04	26.81 1.31 -4.69	37.18 1.54 -14.37	27.15 1.65 -4.64	27.23 1.64 -4.29	30.76 1.71 -8.13	35.11 1.83 -11.90	51.63 1.97 -28.23	37.57 2.06 -13.85	75.50 2.28 -48.99	50.33 2.64 -20.46	63.10 3.34 -22.89	40.91 3.09 0.00	26.97 2.19 0.00	23.95 1.85 -0.36	26.60 1.68 -2.57	22.98 1.30 0.00
FRANKLIN_FALL_HYD 24054	35.49 0.76 0.00	26.27 0.63 0.00	24.89 0.61 0.00	22.36 0.52 0.00	22.16 0.48 0.00	23.44 0.51 0.00	24.64 0.57 0.00	24.63 0.61 0.00	21.13 0.32 0.00	21.55 0.28 0.00	21.12 0.26 0.00	21.59 0.28 0.00	21.17 0.25 0.00	21.43 0.05 0.00	21.38 -0.04 0.00	21.59 -0.08 0.00	24.15 -0.07 0.00	27.29 0.05 0.00	37.38 0.51 0.00	38.56 0.75 0.00	25.05 0.27 0.00	21.83 0.09 0.00	22.49 0.15 0.00	21.87 0.19 0.00
FREEPORT_EQUUS_GT1 23764	36.67 1.95 0.00	27.13 1.48 0.00	45.51 1.22 -20.01	62.75 1.00 -39.91	37.83 0.99 -15.15	38.10 1.01 -14.16	31.55 1.09 -6.38	26.12 1.06 -1.04	26.67 1.17 -4.69	37.04 1.40 -14.37	26.99 1.49 -4.64	27.08 1.48 -4.29	30.59 1.55 -8.13	34.93 1.65 -11.90	51.44 1.78 -28.23	37.37 1.86 -13.85	75.32 2.10 -48.99	50.15 2.45 -20.46	62.71 2.95 -22.89	40.61 2.80 0.00	26.80 2.02 0.00	23.79 1.70 -0.36	26.46 1.55 -2.57	22.85 1.18 0.00
FREEPORT___CT2 23818	36.67 1.95 0.00	27.13 1.48 0.00	45.51 1.22 -20.01	62.75 1.00 -39.91	37.83 0.99 -15.15	38.10 1.01 -14.16	31.55 1.09 -6.38	26.12 1.06 -1.04	26.67 1.17 -4.69	37.04 1.40 -14.37	26.99 1.49 -4.64	27.08 1.48 -4.29	30.59 1.55 -8.13	34.93 1.65 -11.90	51.44 1.78 -28.23	37.37 1.86 -13.85	75.32 2.10 -48.99	50.15 2.45 -20.46	62.71 2.95 -22.89	40.61 2.80 0.00	26.80 2.02 0.00	23.79 1.70 -0.36	26.46 1.55 -2.57	22.85 1.18 0.00
FRESHKLS_33_KV_LOAD 356253	40.37 1.63 -4.01	39.41 1.16 -12.60	39.59 0.96 -14.34	39.23 0.90 -16.49	39.08 0.88 -16.52	37.81 0.88 -13.99	28.54 0.92 -3.54	39.10 0.80 -14.27	39.09 0.99 -17.28	39.12 1.14 -16.70	52.69 1.24 -30.60	39.68 1.16 -17.21	39.71 1.24 -17.55	40.39 1.31 -17.70	40.27 1.42 -17.42	40.30 1.49 -17.15	38.98 1.63 -13.12	40.30 1.98 -11.08	40.95 2.57 -1.51	41.87 2.27 -1.79	39.78 1.69 -13.31	45.02 1.38 -21.90	39.74 1.14 -16.26	39.29 0.91 -16.70
FULTON COGEN____ 23766	33.98 -0.74 0.00	25.07 -0.58 0.00	23.76 -0.53 0.00	21.35 -0.48 0.00	21.20 -0.49 0.00	22.45 -0.49 0.00	23.57 -0.51 0.00	23.53 -0.50 0.00	20.42 -0.39 0.00	20.86 -0.41 0.00	20.42 -0.43 0.00	20.80 -0.50 0.00	20.39 -0.53 0.00	20.81 -0.56 0.00	20.84 -0.58 0.00	21.06 -0.60 0.00	23.58 -0.65 0.00	26.50 -0.74 0.00	36.13 -0.96 -0.22	37.11 -0.86 -0.14	24.24 -0.54 0.00	21.25 -0.49 0.00	21.84 -0.50 0.00	21.29 -0.38 0.00
FULTON___LFGE 323630	36.65 1.93 0.00	27.03 1.38 0.00	25.51 1.22 0.00	22.92 1.09 0.00	22.75 1.06 0.00	24.07 1.14 0.00	25.30 1.22 0.00	25.07 1.04 0.00	21.29 0.48 0.00	21.72 0.44 0.00	21.31 0.46 0.00	21.84 0.53 0.00	21.39 0.47 0.00	21.94 0.57 0.00	21.90 0.48 0.00	22.15 0.48 0.00	24.88 0.66 0.00	28.04 0.80 0.00	38.51 1.65 0.00	39.98 2.17 0.00	26.22 1.44 0.00	22.93 1.19 0.00	23.53 1.19 0.00	22.85 1.17 0.00
G.F.CEMENT___DRP 24184	37.30 2.58 0.00	27.47 1.83 0.00	25.99 1.71 0.00	23.32 1.48 0.00	23.18 1.49 0.00	24.55 1.61 0.00	25.75 1.67 0.00	25.70 1.68 0.00	22.15 1.34 0.00	22.54 1.27 0.00	21.99 1.13 0.00	22.59 1.28 0.00	22.05 1.14 0.00	22.70 1.33 0.00	22.67 1.24 0.00	22.89 1.23 0.00	25.80 1.57 0.00	29.17 1.93 0.00	39.63 2.76 0.00	40.69 2.87 0.00	26.79 2.02 0.00	23.52 1.78 0.00	24.02 1.68 0.00	23.06 1.38 0.00
GARDENVILLE___LBMP 24039	19.10 -2.76 12.86	16.68 -2.06 6.91	22.43 -1.85 0.00	19.58 -1.64 0.61	20.03 -1.65 0.00	21.30 -1.64 0.00	22.47 -1.61 0.00	22.58 -1.45 0.00	19.70 -1.11 0.00	20.00 -1.27 0.00	19.37 -1.49 0.00	19.58 -1.73 0.00	19.26 -1.65 0.00	19.66 -1.71 0.00	19.62 -1.80 0.00	19.92 -1.74 0.00	22.42 -1.81 0.00	25.04 -2.20 0.00	33.53 -3.08 0.26	34.87 -2.77 0.17	21.96 -1.74 1.08	20.29 -1.46 0.00	21.11 -1.24 0.00	20.66 -1.01 0.00
GARDNVLA_35_KV_LD 355827	19.10 -2.67 12.94	16.70 -1.99 6.95	22.50 -1.79 0.00	19.64 -1.59 0.61	20.08 -1.61 0.00	21.35 -1.59 0.00	22.53 -1.56 0.00	22.64 -1.39 0.00	19.75 -1.06 0.00	20.05 -1.22 0.00	19.43 -1.43 0.00	19.64 -1.67 0.00	19.32 -1.59 0.00	19.73 -1.65 0.00	19.69 -1.74 0.00	19.99 -1.67 0.00	22.49 -1.73 0.00	25.12 -2.12 0.00	33.65 -2.96 0.26	34.96 -2.68 0.17	22.02 -1.67 1.09	20.34 -1.40 0.00	21.17 -1.18 0.00	20.73 -0.95 0.00
GELCKHM___115KV_LOAD 80723	34.14 -0.58 0.00	25.18 -0.46 0.00	23.87 -0.41 0.00	21.45 -0.39 0.00	21.30 -0.39 0.00	22.55 -0.39 0.00	23.68 -0.40 0.00	23.64 -0.39 0.00	20.52 -0.29 0.00	20.97 -0.30 0.00	20.54 -0.32 0.00	20.94 -0.37 0.00	20.52 -0.40 0.00	20.96 -0.41 0.00	20.98 -0.44 0.00	21.21 -0.45 0.00	23.75 -0.48 0.00	26.71 -0.53 0.00	36.07 -0.69 0.11	37.12 -0.63 0.07	24.37 -0.41 0.00	21.37 -0.37 0.00	21.97 -0.38 0.00	21.40 -0.27 0.00
GENERAL___MILLS 23808	19.10 -2.70 12.92	16.69 -2.02 6.94	22.48 -1.81 0.00	19.62 -1.61 0.61	20.06 -1.63 0.00	21.33 -1.60 0.00	22.51 -1.57 0.00	22.62 -1.41 0.00	19.72 -1.09 0.00	20.03 -1.25 0.00	19.40 -1.46 0.00	19.61 -1.70 0.00	19.30 -1.62 0.00	19.70 -1.67 0.00	19.65 -1.77 0.00	19.96 -1.70 0.00	22.46 -1.77 0.00	25.08 -2.16 0.00	33.60 -3.01 0.26	34.92 -2.72 0.17	21.99 -1.70 1.09	20.32 -1.43 0.00	21.14 -1.21 0.00	20.70 -0.98 0.00
GE_PLASTICS___DRP 24183	35.11 0.39 0.00	25.95 0.31 0.00	24.64 0.35 0.00	22.14 0.31 0.00	22.01 0.32 0.00	23.26 0.33 0.00	24.38 0.30 0.00	24.28 0.26 0.00	21.00 0.19 0.00	21.47 0.19 0.00	21.10 0.24 0.00	21.56 0.25 0.00	21.16 0.24 0.00	21.67 0.30 0.00	21.77 0.34 0.00	22.02 0.36 0.00	24.63 0.41 0.00	27.77 0.54 0.00	37.55 0.68 0.00	38.44 0.63 0.00	25.32 0.54 0.00	22.20 0.46 0.00	22.68 0.34 0.00	21.87 0.20 0.00
GILBOA___1 23756	35.17 0.45 0.00	25.96 0.32 0.00	24.56 0.27 0.00	22.06 0.23 0.00	21.92 0.24 0.00	23.17 0.24 0.00	24.32 0.24 0.00	24.24 0.21 0.00	21.07 0.26 0.00	21.58 0.31 0.00	21.19 0.34 0.00	21.64 0.33 0.00	21.25 0.33 0.00	21.75 0.38 0.00	21.86 0.43 0.00	22.12 0.46 0.00	24.76 0.54 0.00	27.90 0.66 0.00	37.71 0.85 0.00	38.59 0.77 0.00	25.37 0.59 0.00	22.22 0.48 0.00	22.72 0.37 0.00	21.93 0.25 0.00
GILBOA___2 23757	35.17 0.45 0.00	25.96 0.32 0.00	24.56 0.27 0.00	22.06 0.23 0.00	21.92 0.24 0.00	23.17 0.24 0.00	24.32 0.24 0.00	24.24 0.21 0.00	21.07 0.26 0.00	21.58 0.31 0.00	21.19 0.34 0.00	21.64 0.33 0.00	21.25 0.33 0.00	21.75 0.38 0.00	21.86 0.43 0.00	22.12 0.46 0.00	24.76 0.54 0.00	27.90 0.66 0.00	37.71 0.85 0.00	38.59 0.77 0.00	25.37 0.59 0.00	22.22 0.48 0.00	22.72 0.37 0.00	21.93 0.25 0.00

GILBOA___3 23758	35.17 0.45 0.00	25.96 0.32 0.00	24.56 0.27 0.00	22.06 0.23 0.00	21.92 0.24 0.00	23.17 0.24 0.00	24.32 0.24 0.00	24.24 0.21 0.00	21.07 0.26 0.00	21.58 0.31 0.00	21.19 0.34 0.00	21.64 0.33 0.00	21.25 0.33 0.00	21.75 0.38 0.00	21.86 0.43 0.00	22.12 0.46 0.00	24.76 0.54 0.00	27.90 0.66 0.00	37.71 0.85 0.00	38.59 0.77 0.00	25.37 0.59 0.00	22.22 0.48 0.00	22.72 0.37 0.00	21.93 0.25 0.00
GILBOA___4 23759	35.17 0.45 0.00	25.96 0.32 0.00	24.56 0.27 0.00	22.06 0.23 0.00	21.92 0.24 0.00	23.17 0.24 0.00	24.32 0.24 0.00	24.24 0.21 0.00	21.07 0.26 0.00	21.58 0.31 0.00	21.19 0.34 0.00	21.64 0.33 0.00	21.25 0.33 0.00	21.75 0.38 0.00	21.86 0.43 0.00	22.12 0.46 0.00	24.76 0.54 0.00	27.90 0.66 0.00	37.71 0.85 0.00	38.59 0.77 0.00	25.37 0.59 0.00	22.22 0.48 0.00	22.72 0.37 0.00	21.93 0.25 0.00
GILBOA___ 23599	35.17 0.45 0.00	25.96 0.31 0.00	24.56 0.27 0.00	22.06 0.23 0.00	21.92 0.24 0.00	23.17 0.24 0.00	24.32 0.24 0.00	24.24 0.21 0.00	21.07 0.26 0.00	21.58 0.31 0.00	21.19 0.34 0.00	21.64 0.33 0.00	21.24 0.33 0.00	21.75 0.38 0.00	21.86 0.43 0.00	22.12 0.46 0.00	24.76 0.54 0.00	27.90 0.66 0.00	37.71 0.85 0.00	38.59 0.77 0.00	25.37 0.59 0.00	22.22 0.48 0.00	22.72 0.38 0.00	21.93 0.25 0.00
GINNA___ 23603	24.65 -2.76 7.31	19.65 -2.07 3.93	22.38 -1.91 0.00	19.78 -1.72 0.35	19.96 -1.73 0.00	21.18 -1.76 0.00	22.28 -1.80 0.00	22.30 -1.73 0.00	19.36 -1.45 0.00	19.74 -1.53 0.00	19.24 -1.61 0.00	19.55 -1.76 0.00	19.10 -1.81 0.00	19.60 -1.78 0.00	19.57 -1.86 0.00	19.81 -1.85 0.00	22.26 -1.97 0.00	25.02 -2.22 0.00	33.60 -2.96 0.30	34.75 -2.87 0.20	22.32 -1.85 0.61	20.12 -1.62 0.00	20.75 -1.60 0.00	20.29 -1.39 0.00
GLEN PARK___ 23778	35.62 0.90 0.00	26.19 0.55 0.00	24.85 0.57 0.00	22.19 0.35 0.00	21.87 0.18 0.00	23.34 0.40 0.00	24.52 0.44 0.00	24.41 0.38 0.00	20.90 0.09 0.00	21.16 -0.11 0.00	20.72 -0.14 0.00	21.23 -0.07 0.00	20.72 -0.20 0.00	20.94 -0.43 0.00	20.90 -0.52 0.00	21.02 -0.64 0.00	23.58 -0.64 0.00	26.74 -0.50 0.00	37.27 0.34 -0.06	39.12 1.27 -0.04	25.50 0.72 0.00	22.37 0.63 0.00	22.90 0.56 0.00	22.17 0.50 0.00
GLENDALE_27_KV_LOAD 356172	36.55 1.83 0.00	26.94 1.30 0.00	25.34 1.06 0.00	22.78 0.94 0.00	22.59 0.91 0.00	23.82 0.89 0.00	25.06 0.98 0.00	24.97 0.94 0.00	21.91 1.09 0.00	22.54 1.26 0.00	22.24 1.38 0.00	23.06 1.34 -0.42	22.89 1.40 -0.58	22.89 1.48 -0.03	23.14 1.61 -0.11	23.35 1.69 0.00	26.08 1.85 0.00	30.15 2.17 -0.74	39.61 2.75 0.00	40.26 2.44 0.00	26.56 1.79 0.00	23.58 1.47 -0.37	23.61 1.27 0.00	22.67 0.99 0.00
GLENWOOD_IC_1_G5 23712	36.62 1.89 0.00	27.08 1.43 0.00	45.47 1.17 -20.01	62.73 0.99 -39.91	37.82 0.98 -15.15	38.09 1.00 -14.16	31.55 1.09 -6.38	26.12 1.06 -1.04	26.67 1.17 -4.69	37.03 1.38 -14.37	26.96 1.46 -4.64	27.08 1.49 -4.29	30.60 1.55 -8.13	34.95 1.67 -11.90	51.46 1.81 -28.23	37.40 1.90 -13.85	75.33 2.11 -48.99	49.95 2.26 -20.46	62.71 2.95 -22.89	40.64 2.83 0.00	26.78 2.00 0.00	23.77 1.68 -0.35	26.42 1.50 -2.57	22.83 1.16 0.00
GLENWOOD_IC_2_G1 23688	36.53 1.81 0.00	27.01 1.37 0.00	45.41 1.12 -20.01	62.69 0.94 -39.91	37.77 0.93 -15.15	38.05 0.95 -14.16	31.50 1.04 -6.38	26.07 1.01 -1.04	26.62 1.12 -4.69	36.97 1.32 -14.37	26.90 1.40 -4.64	27.02 1.42 -4.29	30.53 1.49 -8.13	34.87 1.59 -11.90	51.38 1.72 -28.23	37.32 1.81 -13.85	75.24 2.02 -48.99	49.99 2.30 -20.46	62.68 2.92 -22.89	40.51 2.69 0.00	26.70 1.92 0.00	23.70 1.60 -0.36	26.36 1.44 -2.57	22.77 1.10 0.00
GLENWOOD_IC_3_G1 23689	36.53 1.81 0.00	27.01 1.37 0.00	45.41 1.12 -20.01	62.69 0.94 -39.91	37.77 0.93 -15.15	38.05 0.95 -14.16	31.50 1.04 -6.38	26.07 1.01 -1.04	26.62 1.12 -4.69	36.97 1.32 -14.37	26.90 1.40 -4.64	27.02 1.42 -4.29	30.53 1.49 -8.13	34.87 1.59 -11.90	51.38 1.72 -28.23	37.32 1.81 -13.85	75.24 2.02 -48.99	49.99 2.30 -20.46	62.68 2.92 -22.89	40.51 2.69 0.00	26.70 1.92 0.00	23.70 1.60 -0.36	26.36 1.44 -2.57	22.77 1.10 0.00
GLENWOOD___4 23550	36.62 1.89 0.00	27.08 1.43 0.00	45.47 1.17 -20.01	62.73 0.99 -39.91	37.82 0.98 -15.15	38.09 1.00 -14.16	31.55 1.09 -6.38	26.12 1.06 -1.04	26.67 1.17 -4.69	37.03 1.38 -14.37	26.96 1.46 -4.64	27.08 1.49 -4.29	30.60 1.55 -8.13	34.95 1.67 -11.90	51.46 1.81 -28.23	37.40 1.90 -13.85	75.33 2.12 -48.99	50.02 2.32 -20.46	62.75 3.00 -22.89	40.64 2.83 0.00	26.78 2.00 0.00	23.77 1.68 -0.35	26.42 1.50 -2.57	22.83 1.16 0.00
GLENWOOD___5 23614	36.62 1.89 0.00	27.08 1.43 0.00	45.47 1.17 -20.01	62.73 0.99 -39.91	37.82 0.98 -15.15	38.09 1.00 -14.16	31.55 1.09 -6.38	26.12 1.06 -1.04	26.67 1.17 -4.69	37.03 1.38 -14.37	26.96 1.46 -4.64	27.08 1.49 -4.29	30.60 1.55 -8.13	34.95 1.67 -11.90	51.46 1.81 -28.23	37.40 1.90 -13.85	75.33 2.12 -48.99	50.02 2.32 -20.46	62.75 3.00 -22.89	40.64 2.83 0.00	26.78 2.00 0.00	23.77 1.68 -0.35	26.42 1.50 -2.57	22.83 1.16 0.00
GLOBAL GREEN_PORT_GT1 23814	36.52 1.80 0.00	27.04 1.39 0.00	45.70 1.41 -20.01	63.22 1.47 -39.91	38.21 1.38 -15.15	38.38 1.29 -14.16	31.64 1.18 -6.38	26.16 1.10 -1.04	26.86 1.36 -4.69	37.46 1.81 -14.37	27.58 2.08 -4.64	27.64 2.04 -4.29	30.99 1.94 -8.13	35.44 2.16 -11.90	52.14 2.48 -28.23	38.29 2.78 -13.85	76.46 3.25 -48.99	51.60 3.91 -20.46	64.84 5.08 -22.89	42.37 4.56 0.00	27.82 3.05 0.00	24.36 2.27 -0.36	26.76 1.84 -2.57	22.88 1.20 0.00
GLOBE___DSASP 323697	20.13 -3.49 11.10	17.12 -2.56 5.97	21.98 -2.30 0.00	19.28 -2.03 0.53	19.63 -2.06 0.00	20.86 -2.08 0.00	21.99 -2.09 0.00	22.12 -1.90 0.00	19.29 -1.52 0.00	19.56 -1.71 0.00	18.88 -1.97 0.00	19.00 -2.31 0.00	18.69 -2.22 0.00	19.09 -2.29 0.00	19.01 -2.41 0.00	19.30 -2.37 0.00	21.67 -2.56 0.00	24.14 -3.10 0.00	32.17 -4.42 0.28	33.44 -4.19 0.18	21.30 -2.54 0.93	19.58 -2.16 0.00	20.44 -1.90 0.00	20.12 -1.55 0.00
GOETHSLN___LBMP 323567	36.09 1.37 0.00	26.61 0.96 0.00	25.05 0.76 0.00	22.49 0.65 0.00	22.32 0.63 0.00	23.57 0.64 0.00	24.81 0.73 0.00	24.72 0.69 0.00	21.63 0.82 0.00	22.27 1.00 0.00	21.96 1.11 0.00	22.38 1.07 0.00	22.03 1.12 0.00	22.57 1.19 0.00	22.76 1.33 0.00	23.08 1.42 0.00	25.78 1.55 0.00	29.05 1.81 0.00	39.13 2.27 0.00	39.78 1.97 0.00	26.23 1.45 0.00	22.93 1.19 0.00	23.37 1.02 0.00	22.42 0.75 0.00
GOLAH___69_KV_TB 1_2 80279	25.44 -1.53 7.76	20.31 -1.17 4.16	23.24 -1.05 0.00	20.53 -0.94 0.37	20.73 -0.95 0.00	22.00 -0.93 0.00	23.17 -0.91 0.00	23.22 -0.81 0.00	20.15 -0.66 0.00	20.48 -0.79 0.00	19.92 -0.94 0.00	20.21 -1.09 0.00	19.83 -1.09 0.00	20.25 -1.13 0.00	20.21 -1.22 0.00	20.48 -1.19 0.00	22.99 -1.23 0.00	25.81 -1.42 0.00	34.70 -1.87 0.30	36.08 -1.54 0.20	23.20 -0.93 0.65	20.94 -0.80 0.00	21.65 -0.69 0.00	21.17 -0.50 0.00

GOODYEAR_LAKE_HYD 323669	35.56 0.83 0.00	26.17 0.52 0.00	24.75 0.46 0.00	22.24 0.40 0.00	22.08 0.39 0.00	23.37 0.43 0.00	24.56 0.48 0.00	24.50 0.47 0.00	21.31 0.50 0.00	21.89 0.62 0.00	21.45 0.60 0.00	21.86 0.56 0.00	21.44 0.53 0.00	21.90 0.53 0.00	21.94 0.52 0.00	22.17 0.50 0.00	24.86 0.64 0.00	28.05 0.81 0.00	38.01 1.15 0.00	39.06 1.25 0.00	25.57 0.79 0.00	22.35 0.61 0.00	22.91 0.57 0.00	22.22 0.54 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	29.07 -0.64 5.01	22.42 -0.53 2.69	23.83 -0.46 0.00	21.14 -0.45 0.24	21.26 -0.43 0.00	22.54 -0.40 0.00	23.69 -0.39 0.00	23.67 -0.36 0.00	20.61 -0.21 0.00	21.09 -0.19 0.00	20.64 -0.21 0.00	20.99 -0.31 0.00	20.59 -0.33 0.00	21.03 -0.34 0.00	21.10 -0.33 0.00	21.36 -0.31 0.00	23.98 -0.25 0.00	26.98 -0.26 0.00	36.47 -0.31 0.08	37.56 -0.20 0.05	24.15 -0.21 0.42	21.56 -0.18 0.00	22.16 -0.18 0.00	21.47 -0.21 0.00
GOUDEY___7 23579	29.07 -0.64 5.01	22.42 -0.53 2.69	23.83 -0.46 0.00	21.14 -0.45 0.24	21.26 -0.43 0.00	22.54 -0.40 0.00	23.69 -0.39 0.00	23.67 -0.36 0.00	20.61 -0.21 0.00	21.09 -0.19 0.00	20.64 -0.21 0.00	20.99 -0.31 0.00	20.59 -0.33 0.00	21.03 -0.34 0.00	21.10 -0.33 0.00	21.36 -0.31 0.00	23.98 -0.25 0.00	26.98 -0.26 0.00	36.47 -0.31 0.08	37.56 -0.20 0.05	24.15 -0.21 0.42	21.56 -0.18 0.00	22.16 -0.18 0.00	21.47 -0.21 0.00
GOUDEY___8 23580	29.07 -0.64 5.01	22.42 -0.53 2.69	23.83 -0.46 0.00	21.14 -0.45 0.24	21.26 -0.43 0.00	22.54 -0.40 0.00	23.69 -0.39 0.00	23.67 -0.36 0.00	20.61 -0.21 0.00	21.09 -0.19 0.00	20.64 -0.21 0.00	20.99 -0.31 0.00	20.59 -0.33 0.00	21.03 -0.34 0.00	21.10 -0.33 0.00	21.36 -0.31 0.00	23.98 -0.25 0.00	26.98 -0.26 0.00	36.47 -0.31 0.08	37.56 -0.20 0.05	24.15 -0.21 0.42	21.56 -0.18 0.00	22.16 -0.18 0.00	21.47 -0.21 0.00
GOWANUS_GT1_1 24077	40.56 1.82 -4.01	39.54 1.29 -12.60	39.69 1.06 -14.34	39.29 0.95 -16.49	39.13 0.92 -16.52	37.83 0.91 -13.99	28.61 0.99 -3.54	39.22 0.93 -14.27	39.18 1.09 -17.28	39.23 1.26 -16.70	52.83 1.37 -30.60	43.17 1.32 -20.54	42.68 1.39 -20.37	40.54 1.46 -17.70	40.44 1.58 -17.42	40.48 1.67 -17.15	39.18 1.83 -13.12	46.87 2.16 -17.48	41.15 2.77 -1.51	42.06 2.45 -1.79	39.88 1.79 -13.31	48.10 1.48 -24.88	39.88 1.27 -16.26	39.38 1.00 -16.70
GOWANUS_GT1_2 24078	40.56 1.82 -4.01	39.54 1.29 -12.60	39.69 1.06 -14.34	39.29 0.95 -16.49	39.13 0.92 -16.52	37.83 0.91 -13.99	28.61 0.99 -3.54	39.22 0.93 -14.27	39.18 1.09 -17.28	39.23 1.26 -16.70	52.83 1.37 -30.60	43.17 1.32 -20.54	42.68 1.39 -20.37	40.54 1.46 -17.70	40.44 1.58 -17.42	40.48 1.67 -17.15	39.18 1.83 -13.12	46.87 2.16 -17.48	41.15 2.77 -1.51	42.06 2.45 -1.79	39.88 1.79 -13.31	48.10 1.48 -24.88	39.88 1.27 -16.26	39.38 1.00 -16.70
GOWANUS_GT1_3 24079	40.56 1.82 -4.01	39.54 1.29 -12.60	39.69 1.06 -14.34	39.29 0.95 -16.49	39.13 0.92 -16.52	37.83 0.91 -13.99	28.61 0.99 -3.54	39.22 0.93 -14.27	39.18 1.09 -17.28	39.23 1.26 -16.70	52.83 1.37 -30.60	43.17 1.32 -20.54	42.68 1.39 -20.37	40.54 1.46 -17.70	40.44 1.58 -17.42	40.48 1.67 -17.15	39.18 1.83 -13.12	46.87 2.16 -17.48	41.15 2.77 -1.51	42.06 2.45 -1.79	39.88 1.79 -13.31	48.10 1.48 -24.88	39.88 1.27 -16.26	39.38 1.00 -16.70
GOWANUS_GT1_4 24080	40.56 1.82 -4.01	39.54 1.29 -12.60	39.69 1.06 -14.34	39.29 0.95 -16.49	39.13 0.92 -16.52	37.83 0.91 -13.99	28.61 0.99 -3.54	39.22 0.93 -14.27	39.18 1.09 -17.28	39.23 1.26 -16.70	52.83 1.37 -30.60	43.17 1.32 -20.54	42.68 1.39 -20.37	40.54 1.46 -17.70	40.44 1.58 -17.42	40.48 1.67 -17.15	39.18 1.83 -13.12	46.87 2.16 -17.48	41.15 2.77 -1.51	42.06 2.45 -1.79	39.88 1.79 -13.31	48.10 1.48 -24.88	39.88 1.27 -16.26	39.38 1.00 -16.70
GOWANUS_GT1_5 24084	40.56 1.82 -4.01	39.54 1.29 -12.60	39.69 1.06 -14.34	39.29 0.95 -16.49	39.13 0.92 -16.52	37.83 0.91 -13.99	28.61 0.99 -3.54	39.22 0.93 -14.27	39.18 1.09 -17.28	39.23 1.26 -16.70	52.83 1.37 -30.60	43.17 1.32 -20.54	42.68 1.39 -20.37	40.54 1.46 -17.70	40.44 1.58 -17.42	40.48 1.67 -17.15	39.18 1.83 -13.12	46.87 2.16 -17.48	41.15 2.77 -1.51	42.06 2.45 -1.79	39.88 1.79 -13.31	48.10 1.48 -24.88	39.88 1.27 -16.26	39.38 1.00 -16.70
GOWANUS_GT1_6 24111	40.56 1.82 -4.01	39.54 1.29 -12.60	39.69 1.06 -14.34	39.29 0.95 -16.49	39.13 0.92 -16.52	37.83 0.91 -13.99	28.61 0.99 -3.54	39.22 0.93 -14.27	39.18 1.09 -17.28	39.23 1.26 -16.70	52.83 1.37 -30.60	43.17 1.32 -20.54	42.68 1.39 -20.37	40.54 1.46 -17.70	40.44 1.58 -17.42	40.48 1.67 -17.15	39.18 1.83 -13.12	46.87 2.16 -17.48	41.15 2.77 -1.51	42.06 2.45 -1.79	39.88 1.79 -13.31	48.10 1.48 -24.88	39.88 1.27 -16.26	39.38 1.00 -16.70
GOWANUS_GT1_7 24112	40.56 1.82 -4.01	39.54 1.29 -12.60	39.69 1.06 -14.34	39.29 0.95 -16.49	39.13 0.92 -16.52	37.83 0.91 -13.99	28.61 0.99 -3.54	39.22 0.93 -14.27	39.18 1.09 -17.28	39.23 1.26 -16.70	52.83 1.37 -30.60	43.17 1.32 -20.54	42.68 1.39 -20.37	40.54 1.46 -17.70	40.44 1.58 -17.42	40.48 1.67 -17.15	39.18 1.83 -13.12	46.87 2.16 -17.48	41.15 2.77 -1.51	42.06 2.45 -1.79	39.88 1.79 -13.31	48.10 1.48 -24.88	39.88 1.27 -16.26	39.38 1.00 -16.70
GOWANUS_GT1_8 24113	40.56 1.82 -4.01	39.54 1.29 -12.60	39.69 1.06 -14.34	39.29 0.95 -16.49	39.13 0.92 -16.52	37.83 0.91 -13.99	28.61 0.99 -3.54	39.22 0.93 -14.27	39.18 1.09 -17.28	39.23 1.26 -16.70	52.83 1.37 -30.60	43.17 1.32 -20.54	42.68 1.39 -20.37	40.54 1.46 -17.70	40.44 1.58 -17.42	40.48 1.67 -17.15	39.18 1.83 -13.12	46.87 2.16 -17.48	41.15 2.77 -1.51	42.06 2.45 -1.79	39.88 1.79 -13.31	48.10 1.48 -24.88	39.88 1.27 -16.26	39.38 1.00 -16.70
GOWANUS_GT2_1 24114	40.56 1.82 -4.01	39.55 1.30 -12.60	39.68 1.05 -14.34	39.28 0.95 -16.49	39.13 0.92 -16.52	37.83 0.91 -13.99	28.61 0.99 -3.54	39.22 0.93 -14.27	39.18 1.08 -17.28	39.24 1.26 -16.70	52.83 1.38 -30.60	72.92 1.33 -50.29	67.90 1.39 -45.60	40.54 1.46 -17.70	40.44 1.59 -17.42	40.48 1.67 -17.15	39.17 1.82 -13.12	100.25 2.15 -70.86	41.14 2.76 -1.51	42.05 2.45 -1.79	39.88 1.79 -13.31	74.79 1.48 -51.57	39.88 1.27 -16.26	39.38 1.00 -16.70
GOWANUS_GT2_2 24115	40.56 1.82 -4.01	39.55 1.30 -12.60	39.68 1.05 -14.34	39.28 0.95 -16.49	39.13 0.92 -16.52	37.83 0.91 -13.99	28.61 0.99 -3.54	39.22 0.93 -14.27	39.18 1.08 -17.28	39.24 1.26 -16.70	52.83 1.38 -30.60	72.92 1.33 -50.29	67.90 1.39 -45.60	40.54 1.46 -17.70	40.44 1.59 -17.42	40.48 1.67 -17.15	39.17 1.82 -13.12	100.25 2.15 -70.86	41.14 2.76 -1.51	42.05 2.45 -1.79	39.88 1.79 -13.31	74.79 1.48 -51.57	39.88 1.27 -16.26	39.38 1.00 -16.70
GOWANUS_GT2_3 24116	40.56 1.82 -4.01	39.55 1.30 -12.60	39.68 1.05 -14.34	39.28 0.95 -16.49	39.13 0.92 -16.52	37.83 0.91 -13.99	28.61 0.99 -3.54	39.22 0.93 -14.27	39.18 1.08 -17.28	39.24 1.26 -16.70	52.83 1.38 -30.60	72.92 1.33 -50.29	67.90 1.39 -45.60	40.54 1.46 -17.70	40.44 1.59 -17.42	40.48 1.67 -17.15	39.17 1.82 -13.12	100.25 2.15 -70.86	41.14 2.76 -1.51	42.05 2.45 -1.79	39.88 1.79 -13.31	74.79 1.48 -51.57	39.88 1.27 -16.26	39.38 1.00 -16.70

GOWANUS_GT2_4 24117	40.56 1.82 -4.01	39.55 1.30 -12.60	39.68 1.05 -14.34	39.28 0.95 -16.49	39.13 0.92 -16.52	37.83 0.91 -13.99	28.61 0.99 -3.54	39.22 0.93 -14.27	39.18 1.08 -17.28	39.24 1.26 -16.70	52.83 1.38 -30.60	72.92 1.33 -50.29	67.90 1.39 -45.60	40.54 1.46 -17.70	40.44 1.59 -17.42	40.48 1.67 -17.15	39.17 1.82 -13.12	100.25 2.15 -70.86	41.14 2.76 -1.51	42.05 2.45 -1.79	39.88 1.79 -13.31	74.79 1.48 -51.57	39.88 1.27 -16.26	39.38 1.00 -16.70
GOWANUS_GT2_5 24118	40.56 1.82 -4.01	39.55 1.30 -12.60	39.68 1.05 -14.34	39.28 0.95 -16.49	39.13 0.92 -16.52	37.83 0.91 -13.99	28.61 0.99 -3.54	39.22 0.93 -14.27	39.18 1.08 -17.28	39.24 1.26 -16.70	52.83 1.38 -30.60	72.92 1.33 -50.29	67.90 1.39 -45.60	40.54 1.46 -17.70	40.44 1.59 -17.42	40.48 1.67 -17.15	39.17 1.82 -13.12	100.25 2.15 -70.86	41.14 2.76 -1.51	42.05 2.45 -1.79	39.88 1.79 -13.31	74.79 1.48 -51.57	39.88 1.27 -16.26	39.38 1.00 -16.70
GOWANUS_GT2_6 24119	40.56 1.82 -4.01	39.55 1.30 -12.60	39.68 1.05 -14.34	39.28 0.95 -16.49	39.13 0.92 -16.52	37.83 0.91 -13.99	28.61 0.99 -3.54	39.22 0.93 -14.27	39.18 1.08 -17.28	39.24 1.26 -16.70	52.83 1.38 -30.60	72.92 1.33 -50.29	67.90 1.39 -45.60	40.54 1.46 -17.70	40.44 1.59 -17.42	40.48 1.67 -17.15	39.17 1.82 -13.12	100.25 2.15 -70.86	41.14 2.76 -1.51	42.05 2.45 -1.79	39.88 1.79 -13.31	74.79 1.48 -51.57	39.88 1.27 -16.26	39.38 1.00 -16.70
GOWANUS_GT2_7 24120	40.56 1.82 -4.01	39.55 1.30 -12.60	39.68 1.05 -14.34	39.28 0.95 -16.49	39.13 0.92 -16.52	37.83 0.91 -13.99	28.61 0.99 -3.54	39.22 0.93 -14.27	39.18 1.08 -17.28	39.24 1.26 -16.70	52.83 1.38 -30.60	72.92 1.33 -50.29	67.90 1.39 -45.60	40.54 1.46 -17.70	40.44 1.59 -17.42	40.48 1.67 -17.15	39.17 1.82 -13.12	100.25 2.15 -70.86	41.14 2.76 -1.51	42.05 2.45 -1.79	39.88 1.79 -13.31	74.79 1.48 -51.57	39.88 1.27 -16.26	39.38 1.00 -16.70
GOWANUS_GT2_8 24121	40.56 1.82 -4.01	39.55 1.30 -12.60	39.68 1.05 -14.34	39.28 0.95 -16.49	39.13 0.92 -16.52	37.83 0.91 -13.99	28.61 0.99 -3.54	39.22 0.93 -14.27	39.18 1.08 -17.28	39.24 1.26 -16.70	52.83 1.38 -30.60	72.92 1.33 -50.29	67.90 1.39 -45.60	40.54 1.46 -17.70	40.44 1.59 -17.42	40.48 1.67 -17.15	39.17 1.82 -13.12	100.25 2.15 -70.86	41.14 2.76 -1.51	42.05 2.45 -1.79	39.88 1.79 -13.31	74.79 1.48 -51.57	39.88 1.27 -16.26	39.38 1.00 -16.70
GOWANUS_GT3_1 24122	40.56 1.82 -4.01	39.55 1.30 -12.60	39.68 1.05 -14.34	39.28 0.95 -16.49	39.13 0.92 -16.52	37.83 0.91 -13.99	28.61 0.99 -3.54	39.22 0.93 -14.27	39.18 1.08 -17.28	39.24 1.26 -16.70	52.83 1.38 -30.60	43.17 1.33 -20.54	42.68 1.39 -20.37	40.54 1.46 -17.70	40.44 1.59 -17.42	40.48 1.67 -17.15	39.17 1.82 -13.12	46.87 2.15 -17.48	41.14 2.76 -1.51	42.05 2.45 -1.79	39.88 1.79 -13.31	48.10 1.48 -24.88	39.88 1.27 -16.26	39.38 1.00 -16.70
GOWANUS_GT3_2 24123	40.56 1.82 -4.01	39.55 1.30 -12.60	39.68 1.05 -14.34	39.28 0.95 -16.49	39.13 0.92 -16.52	37.83 0.91 -13.99	28.61 0.99 -3.54	39.22 0.93 -14.27	39.18 1.08 -17.28	39.24 1.26 -16.70	52.83 1.38 -30.60	43.17 1.33 -20.54	42.68 1.39 -20.37	40.54 1.46 -17.70	40.44 1.59 -17.42	40.48 1.67 -17.15	39.17 1.82 -13.12	46.87 2.15 -17.48	41.14 2.76 -1.51	42.05 2.45 -1.79	39.88 1.79 -13.31	48.10 1.48 -24.88	39.88 1.27 -16.26	39.38 1.00 -16.70
GOWANUS_GT3_3 24124	40.56 1.82 -4.01	39.55 1.30 -12.60	39.68 1.05 -14.34	39.28 0.95 -16.49	39.13 0.92 -16.52	37.83 0.91 -13.99	28.61 0.99 -3.54	39.22 0.93 -14.27	39.18 1.08 -17.28	39.24 1.26 -16.70	52.83 1.38 -30.60	43.17 1.33 -20.54	42.68 1.39 -20.37	40.54 1.46 -17.70	40.44 1.59 -17.42	40.48 1.67 -17.15	39.17 1.82 -13.12	46.87 2.15 -17.48	41.14 2.76 -1.51	42.05 2.45 -1.79	39.88 1.79 -13.31	48.10 1.48 -24.88	39.88 1.27 -16.26	39.38 1.00 -16.70
GOWANUS_GT3_4 24125	40.56 1.82 -4.01	39.55 1.30 -12.60	39.68 1.05 -14.34	39.28 0.95 -16.49	39.13 0.92 -16.52	37.83 0.91 -13.99	28.61 0.99 -3.54	39.22 0.93 -14.27	39.18 1.08 -17.28	39.24 1.26 -16.70	52.83 1.38 -30.60	43.17 1.33 -20.54	42.68 1.39 -20.37	40.54 1.46 -17.70	40.44 1.59 -17.42	40.48 1.67 -17.15	39.17 1.82 -13.12	46.87 2.15 -17.48	41.14 2.76 -1.51	42.05 2.45 -1.79	39.88 1.79 -13.31	48.10 1.48 -24.88	39.88 1.27 -16.26	39.38 1.00 -16.70
GOWANUS_GT3_5 24126	40.56 1.82 -4.01	39.55 1.30 -12.60	39.68 1.05 -14.34	39.28 0.95 -16.49	39.13 0.92 -16.52	37.83 0.91 -13.99	28.61 0.99 -3.54	39.22 0.93 -14.27	39.18 1.08 -17.28	39.24 1.26 -16.70	52.83 1.38 -30.60	43.17 1.33 -20.54	42.68 1.39 -20.37	40.54 1.46 -17.70	40.44 1.59 -17.42	40.48 1.67 -17.15	39.17 1.82 -13.12	46.87 2.15 -17.48	41.14 2.76 -1.51	42.05 2.45 -1.79	39.88 1.79 -13.31	48.10 1.48 -24.88	39.88 1.27 -16.26	39.38 1.00 -16.70
GOWANUS_GT3_6 24127	40.56 1.82 -4.01	39.55 1.30 -12.60	39.68 1.05 -14.34	39.28 0.95 -16.49	39.13 0.92 -16.52	37.83 0.91 -13.99	28.61 0.99 -3.54	39.22 0.93 -14.27	39.18 1.08 -17.28	39.24 1.26 -16.70	52.83 1.38 -30.60	43.17 1.33 -20.54	42.68 1.39 -20.37	40.54 1.46 -17.70	40.44 1.59 -17.42	40.48 1.67 -17.15	39.17 1.82 -13.12	46.87 2.15 -17.48	41.14 2.76 -1.51	42.05 2.45 -1.79	39.88 1.79 -13.31	48.10 1.48 -24.88	39.88 1.27 -16.26	39.38 1.00 -16.70
GOWANUS_GT3_7 24128	40.56 1.82 -4.01	39.55 1.30 -12.60	39.68 1.05 -14.34	39.28 0.95 -16.49	39.13 0.92 -16.52	37.83 0.91 -13.99	28.61 0.99 -3.54	39.22 0.93 -14.27	39.18 1.08 -17.28	39.24 1.26 -16.70	52.83 1.38 -30.60	43.17 1.33 -20.54	42.68 1.39 -20.37	40.54 1.46 -17.70	40.44 1.59 -17.42	40.48 1.67 -17.15	39.17 1.82 -13.12	46.87 2.15 -17.48	41.14 2.76 -1.51	42.05 2.45 -1.79	39.88 1.79 -13.31	48.10 1.48 -24.88	39.88 1.27 -16.26	39.38 1.00 -16.70
GOWANUS_GT3_8 24129	40.56 1.82 -4.01	39.55 1.30 -12.60	39.68 1.05 -14.34	39.28 0.95 -16.49	39.13 0.92 -16.52	37.83 0.91 -13.99	28.61 0.99 -3.54	39.22 0.93 -14.27	39.18 1.08 -17.28	39.24 1.26 -16.70	52.83 1.38 -30.60	43.17 1.33 -20.54	42.68 1.39 -20.37	40.54 1.46 -17.70	40.44 1.59 -17.42	40.48 1.67 -17.15	39.17 1.82 -13.12	46.87 2.15 -17.48	41.14 2.76 -1.51	42.05 2.45 -1.79	39.88 1.79 -13.31	48.10 1.48 -24.88	39.88 1.27 -16.26	39.38 1.00 -16.70
GOWANUS_GT4_1 24130	40.56 1.82 -4.01	39.54 1.29 -12.60	39.69 1.06 -14.34	39.29 0.95 -16.49	39.13 0.92 -16.52	37.83 0.91 -13.99	28.61 0.99 -3.54	39.22 0.93 -14.27	39.18 1.09 -17.28	39.23 1.26 -16.70	52.83 1.37 -30.60	72.92 1.32 -50.29	67.90 1.39 -45.60	40.54 1.46 -17.70	40.44 1.58 -17.42	40.48 1.67 -17.15	39.18 1.83 -13.12	100.25 2.16 -70.86	41.15 2.77 -1.51	42.06 2.45 -1.79	39.88 1.79 -13.31	74.79 1.48 -51.57	39.88 1.27 -16.26	39.38 1.00 -16.70
GOWANUS_GT4_2 24131	40.56 1.82 -4.01	39.54 1.29 -12.60	39.69 1.06 -14.34	39.29 0.95 -16.49	39.13 0.92 -16.52	37.83 0.91 -13.99	28.61 0.99 -3.54	39.22 0.93 -14.27	39.18 1.09 -17.28	39.23 1.26 -16.70	52.83 1.37 -30.60	72.92 1.32 -50.29	67.90 1.39 -45.60	40.54 1.46 -17.70	40.44 1.58 -17.42	40.48 1.67 -17.15	39.18 1.83 -13.12	100.25 2.16 -70.86	41.15 2.77 -1.51	42.06 2.45 -1.79	39.88 1.79 -13.31	74.79 1.48 -51.57	39.88 1.27 -16.26	39.38 1.00 -16.70

GOWANUS_GT4_3 24132	40.56 1.82 -4.01	39.54 1.29 -12.60	39.69 1.06 -14.34	39.29 0.95 -16.49	39.13 0.92 -16.52	37.83 0.91 -13.99	28.61 0.99 -3.54	39.22 0.93 -14.27	39.18 1.09 -17.28	39.23 1.26 -16.70	52.83 1.37 -30.60	72.92 1.32 -50.29	67.90 1.39 -45.60	40.54 1.46 -17.70	40.44 1.58 -17.42	40.48 1.67 -17.15	39.18 1.83 -13.12	100.25 2.16 -70.86	41.15 2.77 -1.51	42.06 2.45 -1.79	39.88 1.79 -13.31	74.79 1.48 -51.57	39.88 1.27 -16.26	39.38 1.00 -16.70
GOWANUS_GT4_4 24133	40.56 1.82 -4.01	39.54 1.29 -12.60	39.69 1.06 -14.34	39.29 0.95 -16.49	39.13 0.92 -16.52	37.83 0.91 -13.99	28.61 0.99 -3.54	39.22 0.93 -14.27	39.18 1.09 -17.28	39.23 1.26 -16.70	52.83 1.37 -30.60	72.92 1.32 -50.29	67.90 1.39 -45.60	40.54 1.46 -17.70	40.44 1.58 -17.42	40.48 1.67 -17.15	39.18 1.83 -13.12	100.25 2.16 -70.86	41.15 2.77 -1.51	42.06 2.45 -1.79	39.88 1.79 -13.31	74.79 1.48 -51.57	39.88 1.27 -16.26	39.38 1.00 -16.70
GOWANUS_GT4_5 24134	40.56 1.82 -4.01	39.54 1.29 -12.60	39.69 1.06 -14.34	39.29 0.95 -16.49	39.13 0.92 -16.52	37.83 0.91 -13.99	28.61 0.99 -3.54	39.22 0.93 -14.27	39.18 1.09 -17.28	39.23 1.26 -16.70	52.83 1.37 -30.60	72.92 1.32 -50.29	67.90 1.39 -45.60	40.54 1.46 -17.70	40.44 1.58 -17.42	40.48 1.67 -17.15	39.18 1.83 -13.12	100.25 2.16 -70.86	41.15 2.77 -1.51	42.06 2.45 -1.79	39.88 1.79 -13.31	74.79 1.48 -51.57	39.88 1.27 -16.26	39.38 1.00 -16.70
GOWANUS_GT4_6 24135	40.56 1.82 -4.01	39.54 1.29 -12.60	39.69 1.06 -14.34	39.29 0.95 -16.49	39.13 0.92 -16.52	37.83 0.91 -13.99	28.61 0.99 -3.54	39.22 0.93 -14.27	39.18 1.09 -17.28	39.23 1.26 -16.70	52.83 1.37 -30.60	72.92 1.32 -50.29	67.90 1.39 -45.60	40.54 1.46 -17.70	40.44 1.58 -17.42	40.48 1.67 -17.15	39.18 1.83 -13.12	100.25 2.16 -70.86	41.15 2.77 -1.51	42.06 2.45 -1.79	39.88 1.79 -13.31	74.79 1.48 -51.57	39.88 1.27 -16.26	39.38 1.00 -16.70
GOWANUS_GT4_7 24136	40.56 1.82 -4.01	39.54 1.29 -12.60	39.69 1.06 -14.34	39.29 0.95 -16.49	39.13 0.92 -16.52	37.83 0.91 -13.99	28.61 0.99 -3.54	39.22 0.93 -14.27	39.18 1.09 -17.28	39.23 1.26 -16.70	52.83 1.37 -30.60	72.92 1.32 -50.29	67.90 1.39 -45.60	40.54 1.46 -17.70	40.44 1.58 -17.42	40.48 1.67 -17.15	39.18 1.83 -13.12	100.25 2.16 -70.86	41.15 2.77 -1.51	42.06 2.45 -1.79	39.88 1.79 -13.31	74.79 1.48 -51.57	39.88 1.27 -16.26	39.38 1.00 -16.70
GOWANUS_GT4_8 24137	40.56 1.82 -4.01	39.54 1.29 -12.60	39.69 1.06 -14.34	39.29 0.95 -16.49	39.13 0.92 -16.52	37.83 0.91 -13.99	28.61 0.99 -3.54	39.22 0.93 -14.27	39.18 1.09 -17.28	39.23 1.26 -16.70	52.83 1.37 -30.60	72.92 1.32 -50.29	67.90 1.39 -45.60	40.54 1.46 -17.70	40.44 1.58 -17.42	40.48 1.67 -17.15	39.18 1.83 -13.12	100.25 2.16 -70.86	41.15 2.77 -1.51	42.06 2.45 -1.79	39.88 1.79 -13.31	74.79 1.48 -51.57	39.88 1.27 -16.26	39.38 1.00 -16.70
GREENBSH_115KV_TB3 55895	35.00 0.27 0.00	25.89 0.25 0.00	24.63 0.35 0.00	22.13 0.29 0.00	22.00 0.31 0.00	23.26 0.33 0.00	24.36 0.28 0.00	24.26 0.23 0.00	20.93 0.12 0.00	21.39 0.12 0.00	21.03 0.18 0.00	21.50 0.19 0.00	21.11 0.19 0.00	21.63 0.25 0.00	21.72 0.30 0.00	21.98 0.32 0.00	24.56 0.34 0.00	27.70 0.46 0.00	37.43 0.56 0.00	38.31 0.50 0.00	25.25 0.47 0.00	22.16 0.42 0.00	22.62 0.27 0.00	21.80 0.13 0.00
GREENIDGE_115KV_TB5 80291	-1.53 -1.00 35.25	5.87 -0.84 18.94	23.53 -0.75 0.01	19.44 -0.73 1.67	20.97 -0.71 0.00	22.27 -0.66 0.00	23.44 -0.64 0.00	23.46 -0.56 0.00	20.41 -0.40 0.00	20.79 -0.49 0.00	20.26 -0.59 0.00	20.58 -0.73 0.00	20.13 -0.79 0.00	20.55 -0.82 0.00	20.55 -0.88 0.00	20.79 -0.88 0.00	23.38 -0.85 0.00	26.37 -0.87 0.00	35.72 -0.98 0.16	37.06 -0.65 0.11	21.35 -0.47 2.97	21.35 -0.39 0.00	21.96 -0.38 0.00	21.31 -0.37 0.00
GREENIDGE___3 23582	-1.53 -1.00 35.25	5.87 -0.84 18.94	23.53 -0.75 0.01	19.44 -0.73 1.67	20.97 -0.71 0.00	22.27 -0.66 0.00	23.44 -0.64 0.00	23.46 -0.56 0.00	20.41 -0.40 0.00	20.79 -0.49 0.00	20.26 -0.59 0.00	20.58 -0.73 0.00	20.13 -0.79 0.00	20.55 -0.82 0.00	20.55 -0.88 0.00	20.79 -0.88 0.00	23.38 -0.85 0.00	26.37 -0.87 0.00	35.72 -0.98 0.16	37.06 -0.65 0.11	21.35 -0.47 2.97	21.35 -0.39 0.00	21.96 -0.38 0.00	21.31 -0.37 0.00
GREENIDGE___4 23583	-1.55 -1.02 35.25	5.85 -0.86 18.94	23.53 -0.75 0.01	19.44 -0.72 1.67	20.97 -0.71 0.00	22.27 -0.66 0.00	23.44 -0.64 0.00	23.47 -0.56 0.00	20.42 -0.40 0.00	20.79 -0.49 0.00	20.26 -0.59 0.00	20.58 -0.73 0.00	20.13 -0.79 0.00	20.55 -0.82 0.00	20.55 -0.88 0.00	20.79 -0.88 0.00	23.38 -0.84 0.00	26.36 -0.88 0.00	35.73 -0.98 0.16	37.06 -0.65 0.11	21.34 -0.47 2.97	21.35 -0.39 0.00	21.96 -0.38 0.00	21.31 -0.37 0.00
GREENLWN_69_KV_BK 3 55738	36.31 1.59 0.00	26.98 1.34 0.00	45.40 1.11 -20.01	62.62 0.87 -39.91	37.65 0.81 -15.15	37.95 0.85 -14.16	31.44 0.97 -6.38	26.03 0.96 -1.04	26.57 1.07 -4.69	36.91 1.26 -14.37	26.88 1.39 -4.64	26.96 1.37 -4.29	30.47 1.43 -8.13	34.79 1.51 -11.90	51.29 1.63 -28.23	37.21 1.70 -13.85	75.13 1.92 -48.99	49.96 2.26 -20.46	62.59 2.83 -22.89	40.35 2.53 0.00	26.58 1.81 0.00	23.60 1.52 -0.35	26.28 1.36 -2.57	22.69 1.02 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	40.56 1.82 -4.01	39.54 1.29 -12.60	39.69 1.06 -14.34	39.29 0.95 -16.49	39.13 0.92 -16.52	37.83 0.91 -13.99	28.61 0.99 -3.54	39.22 0.93 -14.27	39.18 1.09 -17.28	39.23 1.26 -16.70	52.83 1.37 -30.60	43.17 1.32 -20.54	42.68 1.39 -20.37	40.54 1.46 -17.70	40.44 1.58 -17.42	40.48 1.67 -17.15	39.18 1.83 -13.12	46.87 2.16 -17.48	41.15 2.77 -1.51	42.06 2.45 -1.79	39.88 1.79 -13.31	48.10 1.48 -24.88	39.88 1.27 -16.26	39.38 1.00 -16.70
GRISSOM___SOLAR 323813	36.55 1.83 0.00	26.96 1.32 0.00	25.45 1.17 0.00	22.87 1.03 0.00	22.70 1.02 0.00	24.02 1.08 0.00	25.24 1.16 0.00	24.98 0.96 0.00	21.13 0.32 0.00	21.52 0.25 0.00	21.17 0.31 0.00	21.72 0.41 0.00	21.25 0.33 0.00	21.82 0.44 0.00	21.78 0.36 0.00	22.04 0.37 0.00	24.78 0.55 0.00	27.91 0.67 0.00	38.37 1.51 0.00	39.90 2.08 0.00	26.19 1.41 0.00	22.91 1.17 0.00	23.49 1.15 0.00	22.78 1.10 0.00
GROVEVILLE___HYD 323602	36.31 1.58 0.00	26.75 1.11 0.00	25.20 0.91 0.00	22.61 0.78 0.00	22.45 0.77 0.00	23.72 0.78 0.00	24.93 0.84 0.00	24.84 0.82 0.00	21.70 0.89 0.00	22.30 1.03 0.00	21.97 1.11 0.00	22.42 1.11 0.00	22.06 1.14 0.00	22.62 1.24 0.00	22.78 1.35 0.00	23.10 1.43 0.00	25.86 1.64 0.00	29.18 1.94 0.00	39.37 2.51 0.00	40.11 2.30 0.00	26.38 1.60 0.00	23.04 1.30 0.00	23.47 1.13 0.00	22.53 0.86 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	34.35 -0.37 0.00	25.32 -0.32 0.00	24.00 -0.29 0.00	21.57 -0.27 0.00	21.40 -0.28 0.00	22.67 -0.27 0.00	23.81 -0.27 0.00	23.76 -0.27 0.00	20.62 -0.19 0.00	21.08 -0.19 0.00	20.64 -0.21 0.00	21.04 -0.27 0.00	20.62 -0.29 0.00	21.06 -0.31 0.00	21.09 -0.34 0.00	21.32 -0.35 0.00	23.87 -0.36 0.00	26.87 -0.37 0.00	36.41 -0.46 0.00	37.43 -0.39 0.00	24.52 -0.26 0.00	21.50 -0.24 0.00	22.09 -0.25 0.00	21.51 -0.16 0.00

HAMLTNNY_34_KV_TB 80303	34.26 -0.46 0.00	25.27 -0.38 0.00	23.95 -0.34 0.00	21.51 -0.32 0.00	21.33 -0.36 0.00	22.60 -0.34 0.00	23.73 -0.35 0.00	23.68 -0.34 0.00	20.56 -0.25 0.00	21.02 -0.25 0.00	20.57 -0.28 0.00	20.96 -0.36 0.00	20.53 -0.39 0.00	20.98 -0.40 0.00	20.99 -0.43 0.00	21.24 -0.43 0.00	23.80 -0.43 0.00	26.77 -0.47 0.00	36.29 -0.58 0.00	37.31 -0.50 0.00	24.45 -0.33 0.00	21.44 -0.30 0.00	22.04 -0.31 0.00	21.47 -0.20 0.00
HAMPSHIRE___PAPER_HYD 323593	35.32 0.60 0.00	26.07 0.42 0.00	24.70 0.41 0.00	22.14 0.31 0.00	21.87 0.19 0.00	23.24 0.31 0.00	24.42 0.34 0.00	24.35 0.32 0.00	20.88 0.07 0.00	21.20 -0.07 0.00	20.74 -0.12 0.00	21.29 -0.02 0.00	20.88 -0.04 0.00	21.14 -0.24 0.00	21.13 -0.30 0.00	21.29 -0.37 0.00	23.86 -0.36 0.00	26.99 -0.25 0.00	37.11 0.24 0.00	38.61 0.80 0.00	25.14 0.36 0.00	22.01 0.27 0.00	22.62 0.28 0.00	21.93 0.26 0.00
HARDSCRABBLE_WT_PWR 323673	34.69 -0.03 0.00	25.58 -0.06 0.00	24.28 -0.01 0.00	21.77 -0.06 0.00	21.65 -0.03 0.00	22.92 -0.01 0.00	23.97 -0.11 0.00	23.79 -0.23 0.00	20.46 -0.35 0.00	20.86 -0.41 0.00	20.51 -0.35 0.00	20.91 -0.40 0.00	20.52 -0.39 0.00	20.97 -0.40 0.00	21.03 -0.39 0.00	21.22 -0.44 0.00	23.85 -0.37 0.00	26.99 -0.25 0.00	36.89 0.03 0.00	37.91 0.09 0.00	24.87 0.09 0.00	21.85 0.10 0.00	22.31 -0.03 0.00	21.51 -0.16 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	36.09 1.37 0.00	26.58 0.94 0.00	25.03 0.74 0.00	22.45 0.61 0.00	22.29 0.60 0.00	23.55 0.62 0.00	24.76 0.67 0.00	24.67 0.65 0.00	21.57 0.75 0.00	22.18 0.90 0.00	21.86 1.00 0.00	22.30 0.99 0.00	21.95 1.03 0.00	22.49 1.12 0.00	22.66 1.24 0.00	22.97 1.32 0.00	25.73 1.51 0.00	29.02 1.79 0.00	39.15 2.29 0.00	39.88 2.07 0.00	26.22 1.44 0.00	22.90 1.16 0.00	23.33 0.98 0.00	22.39 0.72 0.00
HARSNRAD_115KV_TB1 81005	20.84 -2.99 10.89	17.58 -2.22 5.85	22.25 -2.03 0.00	19.54 -1.78 0.52	19.87 -1.81 0.00	21.12 -1.81 0.00	22.28 -1.80 0.00	22.41 -1.62 0.00	19.53 -1.29 0.00	19.79 -1.48 0.00	19.15 -1.70 0.00	19.35 -1.96 0.00	19.10 -1.81 0.00	19.42 -1.95 0.00	19.34 -2.09 0.00	19.64 -2.02 0.00	22.07 -2.16 0.00	24.62 -2.62 0.00	32.92 -3.66 0.28	34.28 -3.35 0.18	21.83 -2.03 0.92	20.03 -1.71 0.00	20.87 -1.48 0.00	20.50 -1.17 0.00
HARZA MOOSE___RIVER 24016	35.48 0.75 0.00	26.14 0.49 0.00	24.76 0.47 0.00	22.18 0.34 0.00	21.91 0.22 0.00	23.30 0.36 0.00	24.48 0.40 0.00	24.39 0.37 0.00	21.03 0.22 0.00	21.40 0.12 0.00	20.95 0.10 0.00	21.46 0.15 0.00	20.97 0.06 0.00	21.29 -0.08 0.00	21.35 -0.08 0.00	21.55 -0.12 0.00	24.16 -0.07 0.00	27.34 0.10 0.00	37.51 0.65 0.00	38.88 1.06 0.00	25.37 0.60 0.00	22.25 0.50 0.00	22.82 0.48 0.00	22.11 0.43 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	34.12 -0.61 0.00	25.17 -0.48 0.00	23.86 -0.43 0.00	21.43 -0.40 0.00	21.28 -0.40 0.00	22.53 -0.40 0.00	23.67 -0.41 0.00	23.63 -0.40 0.00	20.52 -0.30 0.00	20.97 -0.30 0.00	20.54 -0.32 0.00	20.93 -0.38 0.00	20.52 -0.40 0.00	20.96 -0.41 0.00	20.98 -0.44 0.00	21.21 -0.45 0.00	23.75 -0.48 0.00	26.72 -0.52 0.00	36.05 -0.68 0.13	37.11 -0.62 0.09	24.37 -0.41 0.00	21.37 -0.37 0.00	21.97 -0.38 0.00	21.40 -0.27 0.00
HELLGATE_13_KV_LD 55870	36.36 1.63 0.00	26.81 1.17 0.00	25.23 0.94 0.00	22.68 0.84 0.00	22.50 0.81 0.00	23.71 0.78 0.00	24.94 0.87 0.00	24.85 0.83 0.00	21.80 0.99 0.00	22.43 1.16 0.00	22.13 1.27 0.00	22.54 1.23 0.00	22.43 1.30 -0.23	22.77 1.37 -0.03	23.02 1.49 -0.11	23.23 1.56 0.00	25.94 1.72 0.00	29.24 2.00 0.00	39.41 2.55 0.00	40.05 2.23 0.00	26.42 1.65 0.00	23.10 1.35 0.00	23.49 1.15 0.00	22.55 0.88 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	36.36 1.63 0.00	26.81 1.17 0.00	25.23 0.94 0.00	22.68 0.84 0.00	22.50 0.81 0.00	23.71 0.78 0.00	24.94 0.87 0.00	24.85 0.83 0.00	21.80 0.99 0.00	22.43 1.16 0.00	22.13 1.27 0.00	22.54 1.23 0.00	22.43 1.30 -0.23	22.77 1.37 -0.03	23.02 1.49 -0.11	23.23 1.56 0.00	25.94 1.72 0.00	29.24 2.00 0.00	39.41 2.55 0.00	40.05 2.23 0.00	26.42 1.65 0.00	23.10 1.35 0.00	23.49 1.15 0.00	22.55 0.88 0.00
HEMPSTEAD____ 23647	36.44 1.71 0.00	26.95 1.31 0.00	45.36 1.07 -20.01	62.62 0.87 -39.91	37.70 0.86 -15.15	37.97 0.88 -14.16	31.42 0.96 -6.38	26.00 0.93 -1.04	26.55 1.05 -4.69	36.92 1.27 -14.37	26.87 1.37 -4.64	26.97 1.37 -4.29	30.48 1.43 -8.13	34.82 1.53 -11.90	51.32 1.66 -28.23	37.25 1.74 -13.85	75.17 1.96 -48.99	49.93 2.24 -20.46	62.56 2.80 -22.89	40.41 2.59 0.00	26.63 1.86 0.00	23.65 1.55 -0.36	26.31 1.40 -2.57	22.73 1.06 0.00
HEWLETT_69_KV_BK3 55828	36.78 2.06 0.00	27.20 1.55 0.00	45.57 1.27 -20.01	62.79 1.05 -39.91	37.89 1.05 -15.15	38.16 1.07 -14.16	31.61 1.15 -6.38	26.18 1.12 -1.04	26.72 1.22 -4.69	37.07 1.43 -14.37	27.04 1.54 -4.64	27.12 1.53 -4.29	30.64 1.60 -8.13	35.00 1.71 -11.90	51.50 1.85 -28.23	37.44 1.93 -13.85	75.36 2.14 -48.99	50.17 2.47 -20.46	62.87 3.11 -22.89	40.68 2.87 0.00	26.82 2.04 0.00	23.82 1.73 -0.35	26.49 1.57 -2.57	22.87 1.20 0.00
HICKLING___1 23621	1.23 -1.48 32.01	7.27 -1.17 17.20	23.24 -1.04 0.01	19.32 -1.00 1.52	20.74 -0.94 0.00	22.04 -0.90 0.00	23.21 -0.87 0.00	23.22 -0.80 0.00	20.25 -0.57 0.00	20.66 -0.61 0.00	20.17 -0.69 0.00	20.45 -0.86 0.00	20.05 -0.87 0.00	20.47 -0.91 0.00	20.53 -0.90 0.00	20.80 -0.86 0.00	23.45 -0.77 0.00	26.34 -0.90 0.00	35.63 -1.09 0.14	36.93 -0.79 0.09	21.41 -0.68 2.69	21.21 -0.53 0.00	21.84 -0.50 0.00	21.13 -0.55 0.00
HICKLING___2 23622	1.23 -1.48 32.01	7.27 -1.17 17.20	23.24 -1.04 0.01	19.32 -1.00 1.52	20.74 -0.94 0.00	22.04 -0.90 0.00	23.21 -0.87 0.00	23.22 -0.80 0.00	20.25 -0.57 0.00	20.66 -0.61 0.00	20.17 -0.69 0.00	20.45 -0.86 0.00	20.05 -0.87 0.00	20.47 -0.91 0.00	20.53 -0.90 0.00	20.80 -0.86 0.00	23.45 -0.77 0.00	26.34 -0.90 0.00	35.63 -1.09 0.14	36.93 -0.79 0.09	21.41 -0.68 2.69	21.21 -0.53 0.00	21.84 -0.50 0.00	21.13 -0.55 0.00
HIGH FALLS___HY 23754	36.18 1.46 0.00	26.61 0.97 0.00	25.00 0.71 0.00	22.42 0.58 0.00	22.25 0.56 0.00	23.50 0.57 0.00	24.73 0.65 0.00	24.67 0.65 0.00	21.63 0.82 0.00	22.24 0.96 0.00	21.89 1.03 0.00	22.29 0.98 0.00	21.95 1.03 0.00	22.47 1.09 0.00	22.66 1.24 0.00	23.00 1.33 0.00	25.76 1.54 0.00	29.10 1.86 0.00	39.32 2.45 0.00	40.04 2.23 0.00	26.31 1.53 0.00	22.95 1.21 0.00	23.37 1.03 0.00	22.43 0.76 0.00
HIGH_RIVER___SOLAR 323847	35.92 1.20 0.00	26.51 0.87 0.00	25.05 0.76 0.00	22.51 0.68 0.00	22.36 0.67 0.00	23.65 0.71 0.00	24.82 0.74 0.00	24.65 0.62 0.00	21.18 0.37 0.00	21.51 0.23 0.00	21.07 0.21 0.00	21.67 0.36 0.00	21.15 0.24 0.00	21.68 0.31 0.00	21.63 0.20 0.00	21.95 0.29 0.00	24.74 0.51 0.00	27.82 0.58 0.00	38.06 1.19 0.00	39.24 1.43 0.00	25.78 1.00 0.00	22.57 0.82 0.00	23.12 0.77 0.00	22.37 0.69 0.00

HILLBURN___GT 23639	36.02 1.29 0.00	26.53 0.89 0.00	24.96 0.68 0.00	22.40 0.56 0.00	22.24 0.55 0.00	23.51 0.57 0.00	24.72 0.64 0.00	24.63 0.60 0.00	21.54 0.73 0.00	22.18 0.91 0.00	21.86 1.00 0.00	22.29 0.98 0.00	21.93 1.01 0.00	22.47 1.09 0.00	22.65 1.22 0.00	22.97 1.31 0.00	25.71 1.48 0.00	28.98 1.74 0.00	39.07 2.21 0.00	39.79 1.97 0.00	26.18 1.40 0.00	22.86 1.12 0.00	23.29 0.95 0.00	22.35 0.68 0.00
HILLSIDE_115KV_TB1 80332	2.93 -1.82 29.98	8.15 -1.39 16.11	23.05 -1.23 0.01	19.24 -1.18 1.42	20.57 -1.11 0.00	21.85 -1.09 0.00	23.01 -1.07 0.00	23.01 -1.01 0.00	20.09 -0.72 0.00	20.53 -0.74 0.00	20.06 -0.79 0.00	20.36 -0.95 0.00	19.98 -0.94 0.00	20.39 -0.99 0.00	20.47 -0.95 0.00	20.75 -0.92 0.00	23.37 -0.86 0.00	26.23 -1.00 0.00	35.44 -1.29 0.13	36.63 -1.09 0.09	21.35 -0.91 2.52	21.02 -0.73 0.00	21.65 -0.69 0.00	20.92 -0.76 0.00
HISHELDN_WT_PWR 323625	17.10 -2.74 14.88	15.59 -2.05 7.99	22.43 -1.85 0.00	19.49 -1.64 0.71	20.04 -1.64 0.00	21.33 -1.60 0.00	22.50 -1.58 0.00	22.59 -1.44 0.00	19.70 -1.11 0.00	19.95 -1.32 0.00	19.33 -1.52 0.00	19.54 -1.77 0.00	19.21 -1.71 0.00	19.63 -1.75 0.00	19.58 -1.84 0.00	19.87 -1.79 0.00	22.42 -1.80 0.00	25.05 -2.18 0.00	33.66 -2.96 0.24	35.04 -2.62 0.16	21.87 -1.65 1.25	20.36 -1.38 0.00	21.13 -1.22 0.00	20.65 -1.03 0.00
HOLTSVILLE_IC_1 23690	36.26 1.54 0.00	26.92 1.27 0.00	45.39 1.10 -20.01	62.67 0.92 -39.91	37.69 0.85 -15.15	37.95 0.85 -14.16	31.39 0.93 -6.38	25.96 0.89 -1.04	26.53 1.03 -4.69	36.87 1.22 -14.37	26.86 1.36 -4.64	26.93 1.33 -4.29	30.40 1.35 -8.13	34.72 1.45 -11.90	51.25 1.59 -28.23	37.25 1.74 -13.85	75.20 1.99 -48.99	50.12 2.42 -20.46	62.83 3.07 -22.89	40.50 2.68 0.00	26.68 1.90 0.00	23.62 1.52 -0.36	26.31 1.39 -2.57	22.68 1.01 0.00
HOLTSVILLE_IC_10 23699	36.44 1.72 0.00	27.03 1.39 0.00	45.49 1.20 -20.01	62.76 1.01 -39.91	37.77 0.93 -15.15	38.04 0.95 -14.16	31.49 1.02 -6.38	26.05 0.98 -1.04	26.61 1.11 -4.69	36.97 1.32 -14.37	26.97 1.47 -4.64	27.04 1.44 -4.29	30.51 1.47 -8.13	34.84 1.56 -11.90	51.38 1.72 -28.23	37.39 1.88 -13.85	75.38 2.17 -48.99	50.34 2.64 -20.46	63.13 3.37 -22.89	40.77 2.96 0.00	26.86 2.08 0.00	23.75 1.66 -0.36	26.42 1.51 -2.57	22.78 1.11 0.00
HOLTSVILLE_IC_2 23691	36.26 1.54 0.00	26.92 1.27 0.00	45.39 1.10 -20.01	62.67 0.92 -39.91	37.69 0.85 -15.15	37.95 0.85 -14.16	31.39 0.93 -6.38	25.96 0.89 -1.04	26.53 1.03 -4.69	36.87 1.22 -14.37	26.86 1.36 -4.64	26.93 1.33 -4.29	30.40 1.35 -8.13	34.72 1.45 -11.90	51.25 1.59 -28.23	37.25 1.74 -13.85	75.20 1.99 -48.99	50.12 2.42 -20.46	62.83 3.07 -22.89	40.50 2.68 0.00	26.68 1.90 0.00	23.62 1.52 -0.36	26.31 1.39 -2.57	22.68 1.01 0.00
HOLTSVILLE_IC_3 23692	36.26 1.54 0.00	26.92 1.27 0.00	45.39 1.10 -20.01	62.67 0.92 -39.91	37.69 0.85 -15.15	37.95 0.85 -14.16	31.39 0.93 -6.38	25.96 0.89 -1.04	26.53 1.03 -4.69	36.87 1.22 -14.37	26.86 1.36 -4.64	26.93 1.33 -4.29	30.40 1.35 -8.13	34.72 1.45 -11.90	51.25 1.59 -28.23	37.25 1.74 -13.85	75.20 1.99 -48.99	50.12 2.42 -20.46	62.83 3.07 -22.89	40.50 2.68 0.00	26.68 1.90 0.00	23.62 1.52 -0.36	26.31 1.39 -2.57	22.68 1.01 0.00
HOLTSVILLE_IC_4 23693	36.26 1.54 0.00	26.92 1.27 0.00	45.39 1.10 -20.01	62.67 0.92 -39.91	37.69 0.85 -15.15	37.95 0.85 -14.16	31.39 0.93 -6.38	25.96 0.89 -1.04	26.53 1.03 -4.69	36.87 1.22 -14.37	26.86 1.36 -4.64	26.93 1.33 -4.29	30.40 1.35 -8.13	34.72 1.45 -11.90	51.25 1.59 -28.23	37.25 1.74 -13.85	75.20 1.99 -48.99	50.12 2.42 -20.46	62.83 3.07 -22.89	40.50 2.68 0.00	26.68 1.90 0.00	23.62 1.52 -0.36	26.31 1.39 -2.57	22.68 1.01 0.00
HOLTSVILLE_IC_5 23694	36.26 1.54 0.00	26.92 1.27 0.00	45.39 1.10 -20.01	62.67 0.92 -39.91	37.69 0.85 -15.15	37.95 0.85 -14.16	31.39 0.93 -6.38	25.96 0.89 -1.04	26.53 1.03 -4.69	36.87 1.22 -14.37	26.86 1.36 -4.64	26.93 1.33 -4.29	30.40 1.35 -8.13	34.72 1.45 -11.90	51.25 1.59 -28.23	37.25 1.74 -13.85	75.20 1.99 -48.99	50.12 2.42 -20.46	62.83 3.07 -22.89	40.50 2.68 0.00	26.68 1.90 0.00	23.62 1.52 -0.36	26.31 1.39 -2.57	22.68 1.01 0.00
HOLTSVILLE_IC_6 23695	36.44 1.72 0.00	27.03 1.39 0.00	45.49 1.20 -20.01	62.76 1.01 -39.91	37.77 0.93 -15.15	38.04 0.95 -14.16	31.49 1.02 -6.38	26.05 0.98 -1.04	26.61 1.11 -4.69	36.97 1.32 -14.37	26.97 1.47 -4.64	27.04 1.44 -4.29	30.51 1.47 -8.13	34.84 1.56 -11.90	51.38 1.72 -28.23	37.39 1.88 -13.85	75.38 2.17 -48.99	50.34 2.64 -20.46	63.13 3.37 -22.89	40.77 2.96 0.00	26.86 2.08 0.00	23.75 1.66 -0.36	26.42 1.51 -2.57	22.78 1.11 0.00
HOLTSVILLE_IC_7 23696	36.44 1.72 0.00	27.03 1.39 0.00	45.49 1.20 -20.01	62.76 1.01 -39.91	37.77 0.93 -15.15	38.04 0.95 -14.16	31.49 1.02 -6.38	26.05 0.98 -1.04	26.61 1.11 -4.69	36.97 1.32 -14.37	26.97 1.47 -4.64	27.04 1.44 -4.29	30.51 1.47 -8.13	34.84 1.56 -11.90	51.38 1.72 -28.23	37.39 1.88 -13.85	75.38 2.17 -48.99	50.34 2.64 -20.46	63.13 3.37 -22.89	40.77 2.96 0.00	26.86 2.08 0.00	23.75 1.66 -0.36	26.42 1.51 -2.57	22.78 1.11 0.00
HOLTSVILLE_IC_8 23697	36.44 1.72 0.00	27.03 1.39 0.00	45.49 1.20 -20.01	62.76 1.01 -39.91	37.77 0.93 -15.15	38.04 0.95 -14.16	31.49 1.02 -6.38	26.05 0.98 -1.04	26.61 1.11 -4.69	36.97 1.32 -14.37	26.97 1.47 -4.64	27.04 1.44 -4.29	30.51 1.47 -8.13	34.84 1.56 -11.90	51.38 1.72 -28.23	37.39 1.88 -13.85	75.38 2.17 -48.99	50.34 2.64 -20.46	63.13 3.37 -22.89	40.77 2.96 0.00	26.86 2.08 0.00	23.75 1.66 -0.36	26.42 1.51 -2.57	22.78 1.11 0.00
HOLTSVILLE_IC_9 23698	36.44 1.72 0.00	27.03 1.39 0.00	45.49 1.20 -20.01	62.76 1.01 -39.91	37.77 0.93 -15.15	38.04 0.95 -14.16	31.49 1.02 -6.38	26.05 0.98 -1.04	26.61 1.11 -4.69	36.97 1.32 -14.37	26.97 1.47 -4.64	27.04 1.44 -4.29	30.51 1.47 -8.13	34.84 1.56 -11.90	51.38 1.72 -28.23	37.39 1.88 -13.85	75.38 2.17 -48.99	50.34 2.64 -20.46	63.13 3.37 -22.89	40.77 2.96 0.00	26.86 2.08 0.00	23.75 1.66 -0.36	26.42 1.51 -2.57	22.78 1.11 0.00
HOMER_HL_115KV_TB2 355744	15.23 -2.19 17.30	14.61 -1.74 9.29	22.65 -1.64 0.00	19.54 -1.48 0.82	20.26 -1.42 0.00	21.56 -1.37 0.00	22.74 -1.34 0.00	22.82 -1.21 0.00	19.99 -0.83 0.00	20.46 -0.81 0.00	19.80 -1.05 0.00	20.08 -1.23 0.00	19.63 -1.29 0.00	20.04 -1.34 0.00	20.07 -1.36 0.00	20.35 -1.31 0.00	22.90 -1.33 0.00	25.64 -1.60 0.00	34.48 -2.17 0.23	35.82 -1.84 0.15	22.07 -1.26 1.46	20.66 -1.08 0.00	21.45 -0.89 0.00	20.86 -0.82 0.00
HOWARD_WT_PWR 323690	-6.60 -1.11 40.21	2.83 -1.21 21.60	23.12 -1.16 0.01	18.77 -1.16 1.91	20.58 -1.10 0.00	21.82 -1.11 0.00	22.81 -1.27 0.00	23.07 -0.95 0.00	20.37 -0.44 0.00	20.53 -0.74 0.00	19.74 -1.12 0.00	20.13 -1.18 0.00	19.64 -1.28 0.00	19.97 -1.40 0.00	19.89 -1.54 0.00	20.00 -1.66 0.00	22.64 -1.59 0.00	25.57 -1.67 0.00	35.05 -1.65 0.17	36.96 -0.74 0.11	20.64 -0.76 3.39	21.32 -0.42 0.00	21.95 -0.40 0.00	21.13 -0.54 0.00

HQ_GEN_CEDARS 23644	35.27 0.54 0.00	26.10 0.46 0.00	24.74 0.46 0.00	22.26 0.42 0.00	22.09 0.40 0.00	23.35 0.41 0.00	24.54 0.46 0.00	24.51 0.48 0.00	21.05 0.24 0.00	21.44 0.16 0.00	20.98 0.13 0.00	21.52 0.21 0.00	21.18 0.26 0.00	21.58 0.20 0.00	21.58 0.15 0.00	21.79 0.13 0.00	24.37 0.14 0.00	27.38 0.14 0.00	37.20 0.34 0.00	38.31 0.49 0.00	24.96 0.18 0.00	21.85 0.11 0.00	22.54 0.19 0.00	21.90 0.23 0.00
HQ_GEN_CEDARS_PROXY 323590	35.26 0.55 0.00	26.11 0.46 0.00	24.74 0.46 0.00	22.26 0.42 0.00	22.09 0.40 0.00	23.35 0.41 0.00	24.53 0.46 0.00	24.51 0.48 0.00	19.86 0.24 1.20	21.44 0.16 0.00	20.98 0.13 0.00	21.52 0.21 0.00	21.18 0.26 0.00	21.58 0.20 0.00	21.58 0.15 0.00	21.79 0.13 0.00	24.37 0.15 0.00	27.38 0.14 0.00	37.20 0.34 0.00	38.31 0.50 0.00	24.96 0.18 0.00	21.85 0.11 0.00	22.54 0.19 0.00	21.90 0.23 0.00
HQ_GEN_IMPORT 323601	34.52 0.18 0.38	25.80 0.16 0.00	24.45 0.16 0.00	22.00 0.16 0.00	21.85 0.16 0.00	23.09 0.16 0.00	24.26 0.18 0.00	25.18 0.20 -0.95	21.29 0.09 -0.38	21.33 0.06 0.00	20.90 0.04 0.00	21.39 0.08 0.00	21.02 0.10 0.00	21.45 0.07 0.00	21.48 0.05 0.00	21.70 0.04 0.00	24.24 0.02 0.00	27.21 -0.03 0.00	36.85 -0.01 0.00	37.65 0.03 0.19	24.71 -0.07 0.00	21.70 -0.04 0.00	22.39 0.04 0.00	21.75 0.07 0.00
HQ_GEN_WHEEL 23651	34.52 0.18 0.38	25.80 0.16 0.00	24.45 0.16 0.00	22.00 0.16 0.00	21.85 0.16 0.00	23.09 0.16 0.00	24.26 0.18 0.00	25.18 0.20 -0.95	21.29 0.09 -0.38	21.33 0.06 0.00	20.90 0.04 0.00	21.39 0.08 0.00	21.02 0.10 0.00	21.45 0.07 0.00	21.48 0.05 0.00	21.70 0.04 0.00	24.24 0.02 0.00	27.21 -0.03 0.00	36.85 -0.01 0.00	37.65 0.03 0.19	24.71 -0.07 0.00	21.70 -0.04 0.00	22.39 0.04 0.00	21.75 0.07 0.00
HUDSON AVE_GT_3 23810	36.34 1.61 0.00	26.79 1.14 0.00	25.21 0.92 0.00	22.63 0.80 0.00	22.46 0.77 0.00	23.71 0.78 0.00	24.95 0.87 0.00	24.87 0.85 0.00	21.77 0.96 0.00	22.41 1.14 0.00	22.11 1.26 0.00	22.53 1.22 0.00	22.19 1.28 0.00	22.73 1.36 0.00	22.91 1.49 0.00	23.23 1.57 0.00	25.97 1.74 0.00	29.26 2.03 0.00	39.42 2.56 0.00	40.06 2.24 0.00	26.41 1.63 0.00	23.09 1.34 0.00	23.52 1.17 0.00	22.56 0.88 0.00
HUDSON AVE_GT_4 23540	36.34 1.61 0.00	26.79 1.14 0.00	25.21 0.92 0.00	22.63 0.80 0.00	22.46 0.77 0.00	23.71 0.78 0.00	24.95 0.87 0.00	24.87 0.85 0.00	21.77 0.96 0.00	22.41 1.14 0.00	22.11 1.26 0.00	22.53 1.22 0.00	22.19 1.28 0.00	22.73 1.36 0.00	22.91 1.49 0.00	23.23 1.57 0.00	25.97 1.74 0.00	29.26 2.03 0.00	39.42 2.56 0.00	40.06 2.24 0.00	26.41 1.63 0.00	23.09 1.34 0.00	23.52 1.17 0.00	22.56 0.88 0.00
HUDSON AVE_GT_5 23657	36.34 1.61 0.00	26.79 1.14 0.00	25.21 0.92 0.00	22.63 0.80 0.00	22.46 0.77 0.00	23.71 0.78 0.00	24.95 0.87 0.00	24.87 0.85 0.00	21.77 0.96 0.00	22.41 1.14 0.00	22.11 1.26 0.00	22.53 1.22 0.00	22.19 1.28 0.00	22.73 1.36 0.00	22.91 1.49 0.00	23.23 1.57 0.00	25.97 1.74 0.00	29.26 2.03 0.00	39.42 2.56 0.00	40.06 2.24 0.00	26.41 1.63 0.00	23.09 1.34 0.00	23.52 1.17 0.00	22.56 0.88 0.00
HUDSON_AVE_10 24168	36.22 1.49 0.00	26.70 1.06 0.00	25.15 0.86 0.00	22.56 0.73 0.00	22.39 0.70 0.00	23.64 0.71 0.00	24.87 0.80 0.00	24.79 0.77 0.00	21.70 0.89 0.00	22.33 1.06 0.00	22.05 1.20 0.00	22.45 1.14 0.00	22.12 1.21 0.00	22.65 1.28 0.00	22.83 1.41 0.00	23.15 1.49 0.00	25.87 1.64 0.00	29.16 1.92 0.00	39.28 2.41 0.00	39.92 2.10 0.00	26.31 1.53 0.00	23.01 1.27 0.00	23.44 1.10 0.00	22.49 0.81 0.00
HUDSON___115KV_TB 4 355613	35.78 1.06 0.00	26.43 0.79 0.00	25.13 0.84 0.00	22.56 0.72 0.00	22.43 0.74 0.00	23.73 0.79 0.00	24.85 0.77 0.00	24.74 0.72 0.00	21.27 0.46 0.00	21.65 0.38 0.00	21.21 0.36 0.00	21.71 0.41 0.00	21.31 0.39 0.00	21.78 0.41 0.00	21.86 0.43 0.00	22.11 0.45 0.00	24.76 0.53 0.00	28.10 0.86 0.00	38.12 1.25 0.00	39.18 1.37 0.00	25.81 1.03 0.00	22.63 0.88 0.00	23.07 0.72 0.00	22.21 0.53 0.00
HUNTER MOUNT___DRP 323613	35.97 1.25 0.00	26.56 0.92 0.00	25.29 1.00 0.00	22.71 0.88 0.00	22.57 0.88 0.00	23.89 0.95 0.00	25.01 0.93 0.00	24.89 0.87 0.00	21.35 0.54 0.00	21.68 0.40 0.00	21.22 0.37 0.00	21.76 0.45 0.00	21.36 0.45 0.00	21.82 0.45 0.00	21.86 0.43 0.00	22.11 0.45 0.00	24.76 0.54 0.00	28.13 0.89 0.00	38.27 1.40 0.00	39.38 1.56 0.00	25.94 1.16 0.00	22.74 1.00 0.00	23.17 0.83 0.00	22.32 0.64 0.00
HUNTINGTON_RES_REC 323705	36.38 1.66 0.00	27.01 1.37 0.00	45.45 1.16 -20.01	62.68 0.93 -39.91	37.70 0.86 -15.15	37.99 0.90 -14.16	31.46 0.99 -6.38	26.04 0.98 -1.04	26.60 1.10 -4.69	36.96 1.32 -14.37	26.95 1.45 -4.64	27.03 1.43 -4.29	30.52 1.47 -8.13	34.86 1.58 -11.90	51.37 1.71 -28.23	37.35 1.84 -13.85	75.31 2.10 -48.99	50.21 2.52 -20.46	62.94 3.18 -22.89	40.63 2.81 0.00	26.76 1.98 0.00	23.71 1.61 -0.36	26.36 1.44 -2.57	22.74 1.06 0.00
HUNTLEY___63 23557	20.35 -2.80 11.57	17.34 -2.08 6.22	22.40 -1.89 0.00	19.63 -1.66 0.55	20.01 -1.68 0.00	21.26 -1.67 0.00	22.41 -1.67 0.00	22.54 -1.49 0.00	19.65 -1.17 0.00	19.93 -1.34 0.00	19.28 -1.57 0.00	19.46 -1.85 0.00	19.17 -1.75 0.00	19.54 -1.84 0.00	19.47 -1.96 0.00	19.77 -1.89 0.00	22.23 -1.99 0.00	24.80 -2.44 0.00	33.18 -3.42 0.27	34.48 -3.15 0.18	21.89 -1.91 0.97	20.12 -1.62 0.00	20.97 -1.38 0.00	20.59 -1.09 0.00
HUNTLEY___64 23558	20.35 -2.80 11.57	17.34 -2.08 6.22	22.40 -1.89 0.00	19.63 -1.66 0.55	20.01 -1.68 0.00	21.26 -1.67 0.00	22.41 -1.67 0.00	22.54 -1.49 0.00	19.65 -1.17 0.00	19.93 -1.34 0.00	19.28 -1.57 0.00	19.46 -1.85 0.00	19.17 -1.75 0.00	19.54 -1.84 0.00	19.47 -1.96 0.00	19.77 -1.89 0.00	22.23 -1.99 0.00	24.80 -2.44 0.00	33.18 -3.42 0.27	34.48 -3.15 0.18	21.89 -1.91 0.97	20.12 -1.62 0.00	20.97 -1.38 0.00	20.59 -1.09 0.00
HUNTLEY___65 23559	20.35 -2.80 11.57	17.34 -2.08 6.22	22.40 -1.89 0.00	19.63 -1.66 0.55	20.01 -1.68 0.00	21.26 -1.67 0.00	22.41 -1.67 0.00	22.54 -1.49 0.00	19.65 -1.17 0.00	19.93 -1.34 0.00	19.28 -1.57 0.00	19.46 -1.85 0.00	19.17 -1.75 0.00	19.54 -1.84 0.00	19.47 -1.96 0.00	19.77 -1.89 0.00	22.23 -1.99 0.00	24.80 -2.44 0.00	33.18 -3.42 0.27	34.48 -3.15 0.18	21.89 -1.91 0.97	20.12 -1.62 0.00	20.97 -1.38 0.00	20.59 -1.09 0.00
HUNTLEY___66 23560	20.35 -2.80 11.57	17.34 -2.08 6.22	22.40 -1.89 0.00	19.63 -1.66 0.55	20.01 -1.68 0.00	21.26 -1.67 0.00	22.41 -1.67 0.00	22.54 -1.49 0.00	19.65 -1.17 0.00	19.93 -1.34 0.00	19.28 -1.57 0.00	19.46 -1.85 0.00	19.17 -1.75 0.00	19.54 -1.84 0.00	19.47 -1.96 0.00	19.77 -1.89 0.00	22.23 -1.99 0.00	24.80 -2.44 0.00	33.18 -3.42 0.27	34.48 -3.15 0.18	21.89 -1.91 0.97	20.12 -1.62 0.00	20.97 -1.38 0.00	20.59 -1.09 0.00

HUNTLEY___67 23561	19.71 -3.05 11.97	16.97 -2.25 6.43	22.27 -2.01 0.00	19.49 -1.78 0.57	19.88 -1.80 0.00	21.13 -1.80 0.00	22.30 -1.78 0.00	22.41 -1.62 0.00	19.54 -1.27 0.00	19.84 -1.44 0.00	19.20 -1.66 0.00	19.40 -1.90 0.00	19.08 -1.83 0.00	19.49 -1.89 0.00	19.43 -2.00 0.00	19.72 -1.94 0.00	22.18 -2.05 0.00	24.74 -2.50 0.00	33.07 -3.53 0.27	34.38 -3.26 0.18	21.75 -2.02 1.01	20.04 -1.70 0.00	20.88 -1.46 0.00	20.49 -1.18 0.00
HUNTLEY___68 23562	19.71 -3.05 11.97	16.97 -2.25 6.43	22.27 -2.01 0.00	19.49 -1.78 0.57	19.88 -1.80 0.00	21.13 -1.80 0.00	22.30 -1.78 0.00	22.41 -1.62 0.00	19.54 -1.27 0.00	19.84 -1.44 0.00	19.20 -1.66 0.00	19.40 -1.90 0.00	19.08 -1.83 0.00	19.49 -1.89 0.00	19.43 -2.00 0.00	19.72 -1.94 0.00	22.18 -2.05 0.00	24.74 -2.50 0.00	33.07 -3.53 0.27	34.38 -3.26 0.18	21.75 -2.02 1.01	20.04 -1.70 0.00	20.88 -1.46 0.00	20.49 -1.18 0.00
HYLAND___LFGE 323620	18.41 -0.51 15.80	16.64 -0.51 8.49	23.83 -0.45 0.00	20.67 -0.42 0.75	21.25 -0.43 0.00	22.64 -0.30 0.00	23.87 -0.21 0.00	23.91 -0.11 0.00	20.50 -0.31 0.00	20.52 -0.76 0.00	19.93 -0.93 0.00	20.27 -1.04 0.00	19.82 -1.10 0.00	20.25 -1.13 0.00	20.26 -1.16 0.00	20.49 -1.18 0.00	23.10 -1.13 0.00	25.91 -1.33 0.00	35.05 -1.58 0.24	37.47 -0.19 0.16	23.54 0.09 1.33	21.83 0.09 0.00	22.48 0.13 0.00	21.85 0.18 0.00
INDECK___CORINTH 23802	37.23 2.51 0.00	27.41 1.77 0.00	25.94 1.64 0.00	23.27 1.44 0.00	23.12 1.43 0.00	24.48 1.55 0.00	25.69 1.61 0.00	25.63 1.61 0.00	22.12 1.30 0.00	22.52 1.25 0.00	21.93 1.08 0.00	22.53 1.22 0.00	21.97 1.05 0.00	22.63 1.26 0.00	22.60 1.17 0.00	22.81 1.15 0.00	25.69 1.46 0.00	29.05 1.81 0.00	39.54 2.67 0.00	40.58 2.77 0.00	26.75 1.97 0.00	23.47 1.73 0.00	23.97 1.62 0.00	23.01 1.34 0.00
INDECK___ILION 23567	34.77 0.05 0.00	25.64 0.00 0.00	24.31 0.02 0.00	21.83 -0.01 0.00	21.69 0.00 0.00	22.95 0.01 0.00	24.05 -0.03 0.00	23.93 -0.09 0.00	20.65 -0.16 0.00	21.09 -0.19 0.00	20.72 -0.14 0.00	21.17 -0.14 0.00	20.77 -0.15 0.00	21.24 -0.13 0.00	21.31 -0.12 0.00	21.55 -0.11 0.00	24.16 -0.07 0.00	27.24 0.00 0.00	37.02 0.15 0.00	38.00 0.18 0.00	24.94 0.17 0.00	21.91 0.17 0.00	22.41 0.07 0.00	21.63 -0.04 0.00
INDECK___OLEAN 23982	15.19 -2.23 17.30	14.58 -1.77 9.30	22.65 -1.63 0.00	19.54 -1.48 0.82	20.26 -1.42 0.00	21.57 -1.37 0.00	22.74 -1.34 0.00	22.82 -1.21 0.00	20.00 -0.81 0.00	20.46 -0.81 0.00	19.80 -1.05 0.00	20.08 -1.23 0.00	19.63 -1.29 0.00	20.04 -1.33 0.00	20.07 -1.36 0.00	20.36 -1.31 0.00	22.91 -1.31 0.00	25.63 -1.60 0.00	34.48 -2.16 0.23	35.81 -1.85 0.15	22.06 -1.26 1.46	20.68 -1.07 0.00	21.45 -0.89 0.00	20.86 -0.82 0.00
INDECK___OSWEGO 23783	33.91 -0.82 0.00	25.02 -0.62 0.00	23.71 -0.58 0.00	21.31 -0.53 0.00	21.15 -0.54 0.00	22.39 -0.55 0.00	23.50 -0.58 0.00	23.45 -0.57 0.00	20.35 -0.46 0.00	20.79 -0.48 0.00	20.36 -0.49 0.00	20.76 -0.55 0.00	20.34 -0.58 0.00	20.76 -0.61 0.00	20.78 -0.65 0.00	20.99 -0.67 0.00	23.47 -0.75 0.00	26.40 -0.84 0.00	36.19 -1.06 -0.39	37.10 -0.97 -0.26	24.16 -0.62 0.00	21.19 -0.55 0.00	21.78 -0.56 0.00	21.24 -0.43 0.00
INDECK___YERKES 23781	20.36 -2.79 11.57	17.34 -2.08 6.22	22.42 -1.86 0.00	19.65 -1.64 0.55	20.02 -1.66 0.00	21.28 -1.65 0.00	22.42 -1.66 0.00	22.55 -1.47 0.00	19.68 -1.13 0.00	19.95 -1.33 0.00	19.30 -1.56 0.00	19.47 -1.84 0.00	19.19 -1.73 0.00	19.56 -1.82 0.00	19.49 -1.94 0.00	19.79 -1.87 0.00	22.27 -1.96 0.00	24.83 -2.41 0.00	33.22 -3.38 0.27	34.50 -3.13 0.18	21.91 -1.89 0.97	20.15 -1.59 0.00	20.98 -1.36 0.00	20.61 -1.07 0.00
INDIAN POINT_GT_1 24139	36.01 1.29 0.00	26.53 0.89 0.00	24.99 0.70 0.00	22.43 0.59 0.00	22.27 0.58 0.00	23.52 0.58 0.00	24.73 0.65 0.00	24.64 0.62 0.00	21.55 0.74 0.00	22.17 0.90 0.00	21.85 0.99 0.00	22.28 0.96 0.00	21.92 1.00 0.00	22.46 1.09 0.00	22.63 1.21 0.00	22.94 1.28 0.00	25.67 1.45 0.00	28.95 1.71 0.00	39.03 2.16 0.00	39.73 1.91 0.00	26.16 1.38 0.00	22.86 1.12 0.00	23.29 0.95 0.00	22.35 0.68 0.00
INDIAN POINT_GT_2 23659	36.01 1.29 0.00	26.53 0.89 0.00	24.99 0.70 0.00	22.43 0.59 0.00	22.27 0.58 0.00	23.52 0.58 0.00	24.73 0.65 0.00	24.64 0.62 0.00	21.55 0.74 0.00	22.17 0.90 0.00	21.85 0.99 0.00	22.28 0.96 0.00	21.92 1.00 0.00	22.46 1.09 0.00	22.63 1.21 0.00	22.94 1.28 0.00	25.67 1.45 0.00	28.95 1.71 0.00	39.03 2.16 0.00	39.73 1.91 0.00	26.16 1.38 0.00	22.86 1.12 0.00	23.29 0.95 0.00	22.35 0.68 0.00
INDIAN POINT_GT_3 24019	36.01 1.29 0.00	26.53 0.89 0.00	24.99 0.70 0.00	22.43 0.59 0.00	22.27 0.58 0.00	23.52 0.58 0.00	24.73 0.65 0.00	24.64 0.62 0.00	21.55 0.74 0.00	22.17 0.90 0.00	21.85 0.99 0.00	22.28 0.96 0.00	21.92 1.00 0.00	22.46 1.09 0.00	22.63 1.21 0.00	22.94 1.28 0.00	25.67 1.45 0.00	28.95 1.71 0.00	39.03 2.16 0.00	39.73 1.91 0.00	26.16 1.38 0.00	22.86 1.12 0.00	23.29 0.95 0.00	22.35 0.68 0.00
INDIAN POINT___2 23530	35.98 1.26 0.00	26.51 0.87 0.00	24.96 0.67 0.00	22.40 0.56 0.00	22.24 0.55 0.00	23.49 0.56 0.00	24.70 0.62 0.00	24.62 0.59 0.00	21.52 0.71 0.00	22.15 0.88 0.00	21.83 0.97 0.00	22.26 0.94 0.00	21.89 0.98 0.00	22.44 1.06 0.00	22.61 1.18 0.00	22.92 1.26 0.00	25.65 1.42 0.00	28.91 1.67 0.00	38.98 2.12 0.00	39.69 1.87 0.00	26.13 1.35 0.00	22.83 1.09 0.00	23.27 0.92 0.00	22.33 0.66 0.00
INDIAN POINT___3 23531	35.98 1.26 0.00	26.52 0.87 0.00	24.97 0.68 0.00	22.41 0.57 0.00	22.25 0.57 0.00	23.51 0.58 0.00	24.71 0.63 0.00	24.63 0.60 0.00	21.53 0.72 0.00	22.15 0.88 0.00	21.83 0.97 0.00	22.25 0.94 0.00	21.89 0.98 0.00	22.44 1.06 0.00	22.61 1.18 0.00	22.92 1.26 0.00	25.65 1.42 0.00	28.90 1.67 0.00	38.98 2.12 0.00	39.69 1.88 0.00	26.13 1.35 0.00	22.84 1.09 0.00	23.27 0.93 0.00	22.34 0.66 0.00
INGHAM_C_115KV_TB7 356103	34.64 -0.08 0.00	25.51 -0.13 0.00	24.23 -0.06 0.00	21.72 -0.12 0.00	21.61 -0.08 0.00	22.87 -0.07 0.00	23.91 -0.17 0.00	23.71 -0.32 0.00	20.31 -0.50 0.00	20.69 -0.58 0.00	20.37 -0.49 0.00	20.81 -0.49 0.00	20.42 -0.50 0.00	20.91 -0.46 0.00	20.97 -0.45 0.00	21.23 -0.44 0.00	23.85 -0.37 0.00	26.97 -0.27 0.00	36.90 0.03 0.00	37.93 0.11 0.00	24.95 0.18 0.00	21.95 0.21 0.00	22.36 0.01 0.00	21.45 -0.22 0.00
IP CORINTH___1 23988	37.23 2.51 0.00	27.41 1.77 0.00	25.94 1.65 0.00	23.27 1.44 0.00	23.12 1.43 0.00	24.48 1.55 0.00	25.68 1.61 0.00	25.63 1.61 0.00	22.12 1.30 0.00	22.52 1.25 0.00	21.94 1.08 0.00	22.53 1.22 0.00	21.97 1.05 0.00	22.64 1.26 0.00	22.60 1.17 0.00	22.81 1.15 0.00	25.69 1.46 0.00	29.05 1.81 0.00	39.53 2.67 0.00	40.59 2.77 0.00	26.75 1.97 0.00	23.47 1.73 0.00	23.97 1.62 0.00	23.01 1.34 0.00

IP__TICONDEROGA 23804	38.52 3.79 0.00	28.30 2.66 0.00	26.68 2.39 0.00	23.91 2.07 0.00	23.80 2.11 0.00	25.26 2.33 0.00	26.59 2.51 0.00	26.61 2.58 0.00	22.81 2.00 0.00	23.17 1.90 0.00	22.62 1.77 0.00	23.27 1.96 0.00	22.73 1.82 0.00	23.38 2.00 0.00	23.32 1.90 0.00	23.53 1.87 0.00	26.64 2.41 0.00	30.14 2.90 0.00	40.54 3.68 0.00	41.90 4.08 0.00	27.43 2.65 0.00	24.24 2.50 0.00	24.78 2.44 0.00	23.65 1.97 0.00
ISLIP_RES_REC 323679	36.60 1.87 0.00	27.14 1.50 0.00	45.59 1.29 -20.01	62.84 1.09 -39.91	37.85 1.02 -15.15	38.12 1.03 -14.16	31.57 1.11 -6.38	26.14 1.07 -1.04	26.69 1.19 -4.69	37.06 1.41 -14.37	27.06 1.56 -4.64	27.13 1.54 -4.29	30.60 1.56 -8.13	34.96 1.68 -11.90	51.50 1.84 -28.23	37.53 2.02 -13.85	75.55 2.33 -48.99	50.52 2.83 -20.46	63.38 3.62 -22.89	41.01 3.19 0.00	27.00 2.22 0.00	23.86 1.77 -0.36	26.53 1.61 -2.57	22.87 1.19 0.00
JAMAICA__27_KV_LOAD 355505	36.46 1.74 0.00	26.88 1.23 0.00	25.39 1.10 0.00	22.74 0.91 0.00	22.54 0.86 0.00	23.84 0.90 0.00	25.07 0.99 0.00	24.99 0.96 0.00	21.85 1.04 0.00	22.46 1.19 0.00	22.24 1.38 0.00	22.59 1.28 0.00	22.29 1.38 0.00	22.79 1.42 0.00	22.97 1.55 0.00	23.31 1.65 0.00	26.02 1.79 0.00	29.35 2.12 0.00	39.55 2.69 0.00	40.19 2.37 0.00	26.47 1.70 0.00	23.18 1.45 0.00	23.63 1.29 0.00	22.65 0.98 0.00
JANIS__SOLAR 323808	75.20 0.61 -39.86	47.33 0.27 -21.41	24.72 0.42 -0.01	24.01 0.28 -1.89	22.00 0.31 0.00	23.33 0.40 0.00	24.49 0.41 0.00	24.42 0.40 0.00	21.05 0.24 0.00	21.52 0.24 0.00	20.97 0.11 0.00	21.37 0.07 0.00	20.80 -0.11 0.00	21.10 -0.28 0.00	21.12 -0.31 0.00	21.38 -0.28 0.00	24.12 -0.11 0.00	27.47 0.23 0.00	37.57 0.78 0.07	38.99 1.23 0.05	28.86 0.72 -3.36	22.32 0.58 0.00	22.87 0.53 0.00	22.20 0.53 0.00
JARVIS____ 23743	34.76 0.04 0.00	25.66 0.01 0.00	24.30 0.01 0.00	21.84 0.00 0.00	21.68 0.00 0.00	22.94 0.00 0.00	24.08 0.00 0.00	24.01 -0.01 0.00	20.81 0.00 0.00	21.28 0.00 0.00	20.88 0.02 0.00	21.32 0.01 0.00	20.91 0.00 0.00	21.39 0.01 0.00	21.45 0.02 0.00	21.68 0.02 0.00	24.26 0.03 0.00	27.30 0.06 0.00	36.96 0.09 0.00	37.90 0.08 0.00	24.87 0.09 0.00	21.81 0.07 0.00	22.39 0.04 0.00	21.70 0.02 0.00
JENNISON__1 23625	44.84 0.42 -9.70	30.75 -0.10 -5.21	24.63 0.34 0.00	22.44 0.14 -0.46	21.86 0.17 0.00	23.21 0.28 0.00	24.26 0.18 0.00	24.22 0.19 0.00	21.05 0.24 0.00	21.75 0.48 0.00	21.16 0.31 0.00	21.50 0.19 0.00	20.92 0.00 0.00	21.24 -0.13 0.00	21.16 -0.26 0.00	21.42 -0.24 0.00	24.12 -0.10 0.00	27.40 0.17 0.00	37.39 0.59 0.07	38.67 0.90 0.04	25.94 0.35 -0.82	22.00 0.26 0.00	22.55 0.21 0.00	21.99 0.31 0.00
JENNISON__2 23626	44.84 0.42 -9.70	30.75 -0.10 -5.21	24.63 0.34 0.00	22.44 0.14 -0.46	21.86 0.17 0.00	23.21 0.28 0.00	24.26 0.18 0.00	24.22 0.19 0.00	21.05 0.24 0.00	21.75 0.48 0.00	21.16 0.31 0.00	21.50 0.19 0.00	20.92 0.00 0.00	21.24 -0.13 0.00	21.16 -0.26 0.00	21.42 -0.24 0.00	24.12 -0.10 0.00	27.40 0.17 0.00	37.39 0.59 0.07	38.67 0.90 0.04	25.94 0.35 -0.82	22.00 0.26 0.00	22.55 0.21 0.00	21.99 0.31 0.00
JERICHO_RISE_WT_PWR 323719	35.23 0.51 0.00	26.10 0.46 0.00	24.74 0.46 0.00	22.24 0.40 0.00	22.04 0.35 0.00	23.30 0.37 0.00	24.48 0.40 0.00	24.46 0.43 0.00	21.00 0.19 0.00	21.41 0.14 0.00	20.98 0.13 0.00	21.43 0.12 0.00	20.98 0.06 0.00	21.23 -0.15 0.00	21.17 -0.25 0.00	21.39 -0.28 0.00	23.94 -0.29 0.00	27.05 -0.19 0.00	37.03 0.17 0.00	38.14 0.32 0.00	24.75 -0.03 0.00	21.56 -0.18 0.00	22.25 -0.10 0.00	21.67 -0.01 0.00
KATONAH__115KV_46KV_TB4 355592	36.21 1.48 0.00	26.69 1.05 0.00	25.14 0.85 0.00	22.56 0.72 0.00	22.40 0.72 0.00	23.65 0.72 0.00	24.87 0.79 0.00	24.80 0.77 0.00	21.68 0.87 0.00	22.30 1.03 0.00	21.99 1.13 0.00	22.43 1.12 0.00	22.08 1.16 0.00	22.63 1.25 0.00	22.81 1.38 0.00	23.11 1.45 0.00	25.86 1.63 0.00	29.16 1.92 0.00	39.31 2.44 0.00	40.02 2.20 0.00	26.35 1.57 0.00	23.01 1.27 0.00	23.44 1.09 0.00	22.49 0.81 0.00
KCE_NY_1 323755	36.73 2.01 0.00	27.08 1.44 0.00	25.65 1.36 0.00	23.02 1.18 0.00	22.87 1.19 0.00	24.22 1.28 0.00	25.37 1.28 0.00	25.28 1.25 0.00	21.83 1.02 0.00	22.25 0.98 0.00	21.79 0.93 0.00	22.35 1.04 0.00	21.89 0.97 0.00	22.46 1.09 0.00	22.49 1.07 0.00	22.76 1.10 0.00	25.58 1.36 0.00	28.89 1.65 0.00	39.25 2.39 0.00	40.28 2.46 0.00	26.48 1.70 0.00	23.17 1.43 0.00	23.66 1.31 0.00	22.77 1.09 0.00
KCE_NY_6_ESR 323823	19.10 -2.71 12.92	16.69 -2.01 6.94	22.50 -1.79 0.00	19.62 -1.60 0.61	20.06 -1.62 0.00	21.35 -1.58 0.00	22.51 -1.57 0.00	22.62 -1.40 0.00	19.75 -1.06 0.00	20.03 -1.24 0.00	19.40 -1.45 0.00	19.62 -1.69 0.00	19.30 -1.61 0.00	19.70 -1.67 0.00	19.67 -1.76 0.00	19.96 -1.70 0.00	22.48 -1.74 0.00	25.09 -2.15 0.00	33.64 -2.97 0.26	34.94 -2.71 0.17	22.00 -1.69 1.09	20.34 -1.40 0.00	21.15 -1.19 0.00	20.71 -0.97 0.00
KEDC_PORT_JEFF_GT2 24210	36.39 1.66 0.00	27.00 1.35 0.00	45.47 1.17 -20.01	62.73 0.98 -39.91	37.74 0.91 -15.15	38.01 0.92 -14.16	31.46 0.99 -6.38	26.03 0.96 -1.04	26.60 1.09 -4.69	36.95 1.30 -14.37	26.95 1.45 -4.64	27.02 1.42 -4.29	30.49 1.45 -8.13	34.83 1.55 -11.90	51.36 1.70 -28.23	37.37 1.86 -13.85	75.36 2.14 -48.99	50.30 2.60 -20.46	63.07 3.31 -22.89	40.72 2.90 0.00	26.82 2.04 0.00	23.73 1.63 -0.36	26.40 1.48 -2.57	22.75 1.08 0.00
KEDC_PORT_JEFF_GT3 24211	36.39 1.66 0.00	27.00 1.35 0.00	45.47 1.17 -20.01	62.73 0.98 -39.91	37.74 0.91 -15.15	38.01 0.92 -14.16	31.46 0.99 -6.38	26.03 0.96 -1.04	26.60 1.09 -4.69	36.95 1.30 -14.37	26.95 1.45 -4.64	27.02 1.42 -4.29	30.49 1.45 -8.13	34.83 1.55 -11.90	51.36 1.70 -28.23	37.37 1.86 -13.85	75.36 2.14 -48.99	50.30 2.60 -20.46	63.07 3.31 -22.89	40.72 2.90 0.00	26.82 2.04 0.00	23.73 1.63 -0.36	26.40 1.48 -2.57	22.75 1.08 0.00
KEDC_GLWD_GT4 24219	36.62 1.90 0.00	27.08 1.44 0.00	45.47 1.18 -20.01	62.74 0.99 -39.91	37.81 0.98 -15.15	38.09 1.00 -14.16	31.55 1.09 -6.38	26.12 1.06 -1.04	26.66 1.16 -4.69	37.03 1.38 -14.37	26.96 1.46 -4.64	27.08 1.49 -4.29	30.59 1.55 -8.13	34.95 1.67 -11.90	51.46 1.81 -28.23	37.40 1.89 -13.85	75.32 2.11 -48.99	49.95 2.25 -20.46	62.71 2.95 -22.89	40.64 2.83 0.00	26.78 2.00 0.00	23.77 1.67 -0.36	26.42 1.50 -2.57	22.83 1.15 0.00
KEDC_GLWD_GT5 24220	36.62 1.90 0.00	27.08 1.44 0.00	45.47 1.18 -20.01	62.74 0.99 -39.91	37.81 0.98 -15.15	38.09 1.00 -14.16	31.55 1.09 -6.38	26.12 1.06 -1.04	26.66 1.16 -4.69	37.03 1.38 -14.37	26.96 1.46 -4.64	27.08 1.49 -4.29	30.59 1.55 -8.13	34.95 1.67 -11.90	51.46 1.81 -28.23	37.40 1.89 -13.85	75.32 2.11 -48.99	49.95 2.25 -20.46	62.71 2.95 -22.89	40.64 2.83 0.00	26.78 2.00 0.00	23.77 1.67 -0.36	26.42 1.50 -2.57	22.83 1.15 0.00

KENSICO____ 23655	36.11 1.39 0.00	26.61 0.97 0.00	25.06 0.78 0.00	22.49 0.66 0.00	22.33 0.65 0.00	23.59 0.65 0.00	24.80 0.72 0.00	24.72 0.69 0.00	21.61 0.80 0.00	22.23 0.96 0.00	21.92 1.07 0.00	22.35 1.04 0.00	21.99 1.08 0.00	22.54 1.16 0.00	22.71 1.29 0.00	23.02 1.36 0.00	25.75 1.52 0.00	29.03 1.79 0.00	39.14 2.27 0.00	39.83 2.02 0.00	26.23 1.45 0.00	22.93 1.19 0.00	23.36 1.02 0.00	22.42 0.74 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	36.17 1.45 0.00	26.61 0.97 0.00	25.03 0.74 0.00	22.45 0.61 0.00	22.28 0.59 0.00	23.55 0.61 0.00	24.76 0.68 0.00	24.70 0.67 0.00	21.60 0.79 0.00	22.17 0.90 0.00	21.83 0.98 0.00	22.24 0.93 0.00	21.89 0.97 0.00	22.42 1.05 0.00	22.59 1.16 0.00	22.92 1.25 0.00	25.68 1.46 0.00	29.02 1.79 0.00	39.23 2.36 0.00	39.99 2.18 0.00	26.28 1.51 0.00	22.94 1.20 0.00	23.36 1.02 0.00	22.42 0.75 0.00
KIAC_JFK_GT1 23816	36.24 1.51 0.00	26.71 1.07 0.00	25.26 0.97 0.00	22.66 0.83 0.00	22.47 0.79 0.00	23.75 0.81 0.00	24.96 0.88 0.00	24.87 0.84 0.00	21.77 0.95 0.00	22.38 1.10 0.00	22.14 1.28 0.00	22.46 1.15 0.00	22.17 1.25 0.00	22.66 1.29 0.00	22.85 1.42 0.00	23.16 1.49 0.00	25.77 1.54 0.00	29.07 1.83 0.00	39.17 2.30 0.00	39.79 1.98 0.00	26.22 1.44 0.00	22.95 1.21 0.00	23.49 1.14 0.00	22.53 0.85 0.00
KIAC_JFK_GT2 23817	36.24 1.51 0.00	26.71 1.07 0.00	25.26 0.97 0.00	22.66 0.83 0.00	22.47 0.79 0.00	23.75 0.81 0.00	24.96 0.88 0.00	24.87 0.84 0.00	21.77 0.95 0.00	22.38 1.10 0.00	22.14 1.28 0.00	22.46 1.15 0.00	22.17 1.25 0.00	22.66 1.29 0.00	22.85 1.42 0.00	23.16 1.49 0.00	25.77 1.54 0.00	29.07 1.83 0.00	39.17 2.30 0.00	39.79 1.98 0.00	26.22 1.44 0.00	22.95 1.21 0.00	23.49 1.14 0.00	22.53 0.85 0.00
KIAC_JFK____ 323774	36.24 1.51 0.00	26.72 1.08 0.00	25.26 0.97 0.00	22.66 0.83 0.00	22.47 0.79 0.00	23.75 0.81 0.00	24.96 0.88 0.00	24.87 0.84 0.00	21.76 0.95 0.00	22.38 1.10 0.00	22.14 1.28 0.00	22.46 1.15 0.00	22.17 1.25 0.00	22.66 1.29 0.00	22.85 1.42 0.00	23.15 1.49 0.00	25.77 1.54 0.00	29.07 1.83 0.00	39.17 2.30 0.00	39.79 1.97 0.00	26.22 1.44 0.00	22.95 1.21 0.00	23.49 1.14 0.00	22.53 0.85 0.00
KINTIGH____ 23543	22.85 -2.69 9.18	18.72 -1.99 4.93	22.51 -1.78 0.00	19.83 -1.57 0.44	20.10 -1.58 0.00	21.35 -1.59 0.00	22.50 -1.58 0.00	22.59 -1.44 0.00	19.67 -1.14 0.00	20.01 -1.27 0.00	19.41 -1.45 0.00	19.64 -1.67 0.00	19.28 -1.63 0.00	19.71 -1.67 0.00	19.66 -1.77 0.00	19.94 -1.73 0.00	22.39 -1.83 0.00	25.02 -2.22 0.00	33.45 -3.12 0.30	34.72 -2.90 0.20	22.21 -1.80 0.77	20.21 -1.53 0.00	21.01 -1.33 0.00	20.62 -1.06 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	35.62 0.89 0.00	26.36 0.72 0.00	24.98 0.69 0.00	22.44 0.60 0.00	22.26 0.58 0.00	23.55 0.61 0.00	24.73 0.65 0.00	24.71 0.68 0.00	21.22 0.40 0.00	21.61 0.34 0.00	21.20 0.35 0.00	21.68 0.37 0.00	21.20 0.28 0.00	21.45 0.08 0.00	21.39 -0.03 0.00	21.62 -0.04 0.00	24.16 -0.07 0.00	27.37 0.13 0.00	37.49 0.63 0.00	38.65 0.83 0.00	25.12 0.35 0.00	21.83 0.09 0.00	22.48 0.13 0.00	21.88 0.21 0.00
LACHUTE__HYDRO 323717	38.51 3.79 0.00	28.30 2.66 0.00	26.68 2.39 0.00	23.91 2.07 0.00	23.80 2.11 0.00	25.26 2.33 0.00	26.59 2.51 0.00	26.61 2.58 0.00	22.81 2.00 0.00	23.17 1.90 0.00	22.62 1.77 0.00	23.27 1.96 0.00	22.73 1.82 0.00	23.38 2.00 0.00	23.32 1.90 0.00	23.53 1.87 0.00	26.64 2.41 0.00	30.14 2.90 0.00	40.55 3.68 0.00	41.90 4.08 0.00	27.43 2.65 0.00	24.24 2.50 0.00	24.78 2.44 0.00	23.65 1.97 0.00
LAWRNCV_115KV_TB1 80681	35.28 0.56 0.00	26.10 0.45 0.00	24.74 0.45 0.00	22.23 0.39 0.00	22.03 0.35 0.00	23.32 0.38 0.00	24.51 0.43 0.00	24.48 0.45 0.00	20.97 0.16 0.00	21.32 0.04 0.00	20.86 0.00 0.00	21.40 0.09 0.00	21.10 0.18 0.00	21.40 0.02 0.00	21.37 -0.05 0.00	21.57 -0.09 0.00	24.13 -0.10 0.00	27.18 -0.06 0.00	37.11 0.25 0.00	38.40 0.58 0.00	25.00 0.22 0.00	21.86 0.11 0.00	22.52 0.18 0.00	21.88 0.20 0.00
LEDERLE____ 23769	36.12 1.40 0.00	26.61 0.96 0.00	25.04 0.76 0.00	22.47 0.63 0.00	22.31 0.62 0.00	23.58 0.64 0.00	24.79 0.71 0.00	24.70 0.68 0.00	21.61 0.80 0.00	22.24 0.97 0.00	21.93 1.07 0.00	22.36 1.05 0.00	21.99 1.08 0.00	22.55 1.17 0.00	22.72 1.29 0.00	23.05 1.38 0.00	25.79 1.57 0.00	29.09 1.85 0.00	39.21 2.35 0.00	39.92 2.11 0.00	26.26 1.49 0.00	22.94 1.20 0.00	23.37 1.02 0.00	22.42 0.74 0.00
LIGHTHSE_115KV_TB6 355974	34.46 -0.27 0.00	25.39 -0.25 0.00	24.07 -0.21 0.00	21.59 -0.25 0.00	21.38 -0.31 0.00	22.66 -0.27 0.00	23.78 -0.30 0.00	23.72 -0.31 0.00	20.50 -0.31 0.00	20.89 -0.37 0.00	20.48 -0.38 0.00	20.92 -0.39 0.00	20.45 -0.47 0.00	20.83 -0.55 0.00	20.82 -0.60 0.00	21.01 -0.65 0.00	23.50 -0.72 0.00	26.50 -0.74 0.00	36.33 -0.64 -0.11	37.58 -0.31 -0.07	24.58 -0.19 0.00	21.59 -0.15 0.00	22.16 -0.19 0.00	21.55 -0.12 0.00
LINDEN COGEN____ 23786	36.08 1.36 0.00	26.59 0.95 0.00	25.03 0.74 0.00	22.48 0.64 0.00	22.31 0.62 0.00	23.56 0.62 0.00	24.79 0.71 0.00	24.70 0.68 0.00	21.62 0.81 0.00	22.26 0.99 0.00	21.95 1.10 0.00	22.37 1.06 0.00	22.02 1.11 0.00	22.56 1.18 0.00	22.75 1.32 0.00	23.07 1.40 0.00	25.77 1.54 0.00	29.04 1.80 0.00	39.12 2.26 0.00	39.76 1.95 0.00	26.21 1.43 0.00	22.92 1.18 0.00	23.36 1.02 0.00	22.41 0.74 0.00
LINDHRST_69_KV_BK1 356055	36.83 2.11 0.00	27.27 1.62 0.00	45.67 1.38 -20.01	62.89 1.14 -39.91	37.93 1.09 -15.15	38.21 1.11 -14.16	31.67 1.21 -6.38	26.24 1.18 -1.04	26.79 1.29 -4.69	37.16 1.51 -14.37	27.07 1.57 -4.64	27.17 1.57 -4.29	30.64 1.60 -8.13	35.01 1.72 -11.90	51.52 1.86 -28.23	37.48 1.97 -13.85	75.45 2.24 -48.99	50.34 2.65 -20.46	63.11 3.35 -22.89	40.85 3.04 0.00	26.94 2.17 0.00	23.88 1.79 -0.35	26.58 1.67 -2.57	22.96 1.29 0.00
LIPA_MISC_IPP 23656	36.14 1.41 0.00	26.81 1.16 0.00	45.31 1.02 -20.01	62.63 0.88 -39.91	37.64 0.80 -15.15	37.89 0.79 -14.16	31.31 0.85 -6.38	25.85 0.78 -1.04	26.45 0.95 -4.69	36.82 1.17 -14.37	26.84 1.34 -4.64	26.89 1.29 -4.29	30.34 1.30 -8.13	34.66 1.38 -11.90	51.19 1.53 -28.23	37.22 1.71 -13.85	75.20 1.99 -48.99	50.16 2.46 -20.46	62.92 3.16 -22.89	40.52 2.71 0.00	26.68 1.90 0.00	23.58 1.49 -0.35	26.25 1.33 -2.57	22.60 0.92 0.00
LISF__SOLAR 323691	36.21 1.49 0.00	26.86 1.22 0.00	45.36 1.07 -20.01	62.67 0.92 -39.91	37.67 0.84 -15.15	37.92 0.83 -14.16	31.35 0.89 -6.38	25.88 0.82 -1.04	26.47 0.98 -4.69	36.84 1.19 -14.37	26.87 1.37 -4.64	26.92 1.32 -4.29	30.36 1.32 -8.13	34.67 1.39 -11.90	51.21 1.55 -28.23	37.25 1.74 -13.85	75.24 2.03 -48.99	50.21 2.52 -20.46	63.01 3.25 -22.89	40.62 2.81 0.00	26.74 1.97 0.00	23.63 1.54 -0.36	26.30 1.38 -2.57	22.64 0.97 0.00

LITTLE FALLS___HYD 24013	34.64 -0.08 0.00	25.51 -0.13 0.00	24.23 -0.06 0.00	21.72 -0.12 0.00	21.61 -0.08 0.00	22.87 -0.07 0.00	23.91 -0.17 0.00	23.71 -0.32 0.00	20.31 -0.50 0.00	20.69 -0.58 0.00	20.37 -0.49 0.00	20.81 -0.49 0.00	20.42 -0.50 0.00	20.91 -0.46 0.00	20.97 -0.45 0.00	21.23 -0.44 0.00	23.85 -0.37 0.00	26.97 -0.27 0.00	36.90 0.03 0.00	37.93 0.11 0.00	24.95 0.18 0.00	21.95 0.21 0.00	22.36 0.01 0.00	21.45 -0.22 0.00
LITTLRIV_115KV_TB1 356100	35.71 0.98 0.00	26.41 0.76 0.00	25.03 0.74 0.00	22.49 0.65 0.00	22.30 0.61 0.00	23.60 0.67 0.00	24.82 0.74 0.00	24.77 0.74 0.00	21.13 0.31 0.00	21.42 0.15 0.00	20.95 0.10 0.00	21.50 0.19 0.00	21.24 0.33 0.00	21.53 0.16 0.00	21.48 0.05 0.00	21.66 0.00 0.00	24.25 0.02 0.00	27.32 0.08 0.00	37.39 0.52 0.00	38.89 1.07 0.00	25.32 0.55 0.00	22.13 0.39 0.00	22.78 0.44 0.00	22.11 0.44 0.00
LI_NEWBRDGE___DRP 323616	36.25 1.52 0.00	26.83 1.19 0.00	45.27 0.97 -20.01	62.54 0.79 -39.91	37.60 0.77 -15.15	37.88 0.78 -14.16	31.32 0.86 -6.38	25.90 0.84 -1.04	26.46 0.96 -4.69	36.80 1.15 -14.37	26.76 1.26 -4.64	26.84 1.24 -4.29	30.34 1.30 -8.13	34.67 1.39 -11.90	51.18 1.52 -28.23	37.11 1.60 -13.85	75.01 1.79 -48.99	49.79 2.10 -20.46	62.38 2.62 -22.89	40.17 2.35 0.00	26.48 1.70 0.00	23.51 1.41 -0.35	26.17 1.26 -2.57	22.60 0.92 0.00
LOCKPORT_115KV_TB60_63_64 80432	21.05 -2.93 10.75	17.69 -2.18 5.77	22.26 -2.02 0.00	19.58 -1.75 0.51	19.89 -1.79 0.00	21.14 -1.80 0.00	22.28 -1.80 0.00	22.42 -1.60 0.00	19.54 -1.28 0.00	19.80 -1.47 0.00	19.16 -1.69 0.00	19.36 -1.95 0.00	19.13 -1.79 0.00	19.43 -1.94 0.00	19.34 -2.09 0.00	19.65 -2.02 0.00	22.07 -2.16 0.00	24.64 -2.60 0.00	32.95 -3.63 0.28	34.33 -3.30 0.18	21.89 -1.99 0.90	20.05 -1.69 0.00	20.89 -1.45 0.00	20.52 -1.15 0.00
LOCKPORT___CC1 323769	20.82 -3.01 10.89	17.56 -2.23 5.85	22.26 -2.03 0.00	19.54 -1.78 0.52	19.87 -1.81 0.00	21.14 -1.80 0.00	22.28 -1.80 0.00	22.41 -1.62 0.00	19.55 -1.27 0.00	19.79 -1.48 0.00	19.15 -1.70 0.00	19.35 -1.96 0.00	19.10 -1.81 0.00	19.43 -1.95 0.00	19.34 -2.09 0.00	19.64 -2.02 0.00	22.09 -2.13 0.00	24.63 -2.61 0.00	32.94 -3.66 0.28	34.27 -3.36 0.18	21.84 -2.03 0.92	20.04 -1.70 0.00	20.87 -1.48 0.00	20.50 -1.17 0.00
LOCKPORT___CC2 323770	20.82 -3.01 10.89	17.56 -2.23 5.85	22.26 -2.03 0.00	19.54 -1.78 0.52	19.87 -1.81 0.00	21.14 -1.80 0.00	22.28 -1.80 0.00	22.41 -1.62 0.00	19.55 -1.27 0.00	19.79 -1.48 0.00	19.15 -1.70 0.00	19.35 -1.96 0.00	19.10 -1.81 0.00	19.43 -1.95 0.00	19.34 -2.09 0.00	19.64 -2.02 0.00	22.09 -2.13 0.00	24.63 -2.61 0.00	32.94 -3.66 0.28	34.27 -3.36 0.18	21.84 -2.03 0.92	20.04 -1.70 0.00	20.87 -1.48 0.00	20.50 -1.17 0.00
LOCKPORT___CC3 323771	20.82 -3.01 10.89	17.56 -2.23 5.85	22.26 -2.03 0.00	19.54 -1.78 0.52	19.87 -1.81 0.00	21.14 -1.80 0.00	22.28 -1.80 0.00	22.41 -1.62 0.00	19.55 -1.27 0.00	19.79 -1.48 0.00	19.15 -1.70 0.00	19.35 -1.96 0.00	19.10 -1.81 0.00	19.43 -1.95 0.00	19.34 -2.09 0.00	19.64 -2.02 0.00	22.09 -2.13 0.00	24.63 -2.61 0.00	32.94 -3.66 0.28	34.27 -3.36 0.18	21.84 -2.03 0.92	20.04 -1.70 0.00	20.87 -1.48 0.00	20.50 -1.17 0.00
LONG_LAKE_PHOENIX 24014	33.98 -0.74 0.00	25.07 -0.58 0.00	23.76 -0.53 0.00	21.35 -0.48 0.00	21.20 -0.49 0.00	22.45 -0.49 0.00	23.57 -0.51 0.00	23.53 -0.50 0.00	20.42 -0.39 0.00	20.86 -0.41 0.00	20.42 -0.43 0.00	20.80 -0.50 0.00	20.39 -0.53 0.00	20.81 -0.56 0.00	20.84 -0.58 0.00	21.06 -0.60 0.00	23.58 -0.65 0.00	26.50 -0.74 0.00	36.13 -0.96 -0.22	37.11 -0.86 -0.14	24.24 -0.54 0.00	21.25 -0.49 0.00	21.84 -0.50 0.00	21.29 -0.38 0.00
LOVETT___3 23632	35.95 1.23 0.00	26.49 0.84 0.00	24.94 0.65 0.00	22.38 0.54 0.00	22.21 0.52 0.00	23.47 0.54 0.00	24.68 0.60 0.00	24.58 0.55 0.00	21.50 0.69 0.00	22.13 0.85 0.00	21.81 0.96 0.00	22.24 0.93 0.00	21.87 0.96 0.00	22.42 1.05 0.00	22.60 1.17 0.00	22.91 1.25 0.00	25.63 1.41 0.00	28.90 1.66 0.00	38.97 2.10 0.00	39.68 1.87 0.00	26.11 1.34 0.00	22.81 1.07 0.00	23.25 0.90 0.00	22.31 0.64 0.00
LOVETT___4 23642	35.95 1.23 0.00	26.49 0.84 0.00	24.94 0.65 0.00	22.38 0.54 0.00	22.21 0.52 0.00	23.47 0.54 0.00	24.68 0.60 0.00	24.58 0.55 0.00	21.50 0.69 0.00	22.13 0.85 0.00	21.81 0.96 0.00	22.24 0.93 0.00	21.87 0.96 0.00	22.42 1.05 0.00	22.60 1.17 0.00	22.91 1.25 0.00	25.63 1.41 0.00	28.90 1.66 0.00	38.97 2.10 0.00	39.68 1.87 0.00	26.11 1.34 0.00	22.81 1.07 0.00	23.25 0.90 0.00	22.31 0.64 0.00
LOVETT___5 23593	35.95 1.23 0.00	26.49 0.84 0.00	24.94 0.65 0.00	22.38 0.54 0.00	22.21 0.52 0.00	23.47 0.54 0.00	24.68 0.60 0.00	24.58 0.55 0.00	21.50 0.69 0.00	22.13 0.85 0.00	21.81 0.96 0.00	22.24 0.93 0.00	21.87 0.96 0.00	22.42 1.05 0.00	22.60 1.17 0.00	22.91 1.25 0.00	25.63 1.41 0.00	28.90 1.66 0.00	38.97 2.10 0.00	39.68 1.87 0.00	26.11 1.34 0.00	22.81 1.07 0.00	23.25 0.90 0.00	22.31 0.64 0.00
LOWER RAQUET___HYD 24057	35.29 0.57 0.00	26.10 0.45 0.00	24.73 0.45 0.00	22.22 0.38 0.00	22.01 0.33 0.00	23.31 0.37 0.00	24.50 0.42 0.00	24.46 0.44 0.00	20.95 0.14 0.00	21.27 0.00 0.00	20.81 -0.04 0.00	21.36 0.06 0.00	21.07 0.15 0.00	21.34 -0.04 0.00	21.31 -0.12 0.00	21.49 -0.17 0.00	24.06 -0.17 0.00	27.12 -0.12 0.00	37.09 0.22 0.00	38.43 0.61 0.00	25.01 0.23 0.00	21.87 0.12 0.00	22.52 0.17 0.00	21.86 0.18 0.00
LOWER___HUDSON 24059	35.81 1.09 0.00	26.45 0.80 0.00	25.07 0.78 0.00	22.52 0.69 0.00	22.39 0.71 0.00	23.68 0.75 0.00	24.79 0.71 0.00	24.69 0.66 0.00	21.36 0.54 0.00	21.80 0.52 0.00	21.38 0.53 0.00	21.88 0.57 0.00	21.47 0.55 0.00	22.02 0.65 0.00	22.09 0.66 0.00	22.35 0.68 0.00	25.07 0.85 0.00	28.27 1.03 0.00	38.25 1.38 0.00	39.20 1.39 0.00	25.84 1.06 0.00	22.63 0.89 0.00	23.12 0.78 0.00	22.27 0.59 0.00
LOWVILLE_115KV_TB2 356335	35.55 0.83 0.00	26.20 0.55 0.00	24.82 0.53 0.00	22.19 0.36 0.00	21.85 0.16 0.00	23.30 0.37 0.00	24.48 0.40 0.00	24.38 0.35 0.00	20.96 0.15 0.00	21.28 0.01 0.00	20.81 -0.04 0.00	21.36 0.05 0.00	20.82 -0.09 0.00	21.08 -0.30 0.00	21.13 -0.29 0.00	21.28 -0.39 0.00	23.89 -0.34 0.00	27.08 -0.16 0.00	37.37 0.50 0.00	38.94 1.12 0.00	25.37 0.59 0.00	22.25 0.51 0.00	22.84 0.50 0.00	22.14 0.46 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	36.73 2.00 0.00	27.08 1.44 0.00	25.65 1.36 0.00	23.02 1.18 0.00	22.87 1.19 0.00	24.21 1.27 0.00	25.37 1.29 0.00	25.27 1.25 0.00	21.83 1.02 0.00	22.25 0.98 0.00	21.78 0.93 0.00	22.34 1.03 0.00	21.87 0.96 0.00	22.46 1.09 0.00	22.48 1.05 0.00	22.74 1.08 0.00	25.56 1.33 0.00	28.86 1.62 0.00	39.20 2.33 0.00	40.21 2.40 0.00	26.46 1.68 0.00	23.17 1.43 0.00	23.67 1.32 0.00	22.77 1.09 0.00

LUTHERNY_35_KV_BK2 355980	36.73 2.00 0.00	27.08 1.44 0.00	25.65 1.36 0.00	23.02 1.18 0.00	22.87 1.19 0.00	24.22 1.28 0.00	25.37 1.29 0.00	25.27 1.25 0.00	21.83 1.02 0.00	22.25 0.98 0.00	21.79 0.93 0.00	22.35 1.04 0.00	21.89 0.97 0.00	22.46 1.09 0.00	22.49 1.07 0.00	22.76 1.10 0.00	25.58 1.36 0.00	28.89 1.65 0.00	39.26 2.39 0.00	40.28 2.46 0.00	26.48 1.70 0.00	23.17 1.43 0.00	23.66 1.31 0.00	22.77 1.09 0.00
LWR___OSWEGATCHIE_HYD 23850	35.33 0.60 0.00	26.07 0.42 0.00	24.70 0.41 0.00	22.14 0.31 0.00	21.87 0.19 0.00	23.24 0.31 0.00	24.42 0.34 0.00	24.35 0.32 0.00	20.88 0.07 0.00	21.20 -0.07 0.00	20.74 -0.12 0.00	21.29 -0.02 0.00	20.88 -0.04 0.00	21.14 -0.24 0.00	21.13 -0.30 0.00	21.29 -0.37 0.00	23.87 -0.36 0.00	26.99 -0.25 0.00	37.11 0.24 0.00	38.61 0.79 0.00	25.14 0.36 0.00	22.01 0.27 0.00	22.62 0.28 0.00	21.93 0.26 0.00
LYONS_FALL_HYD 23570	35.47 0.75 0.00	26.13 0.49 0.00	24.76 0.47 0.00	22.18 0.34 0.00	21.91 0.22 0.00	23.30 0.37 0.00	24.48 0.40 0.00	24.39 0.37 0.00	21.03 0.22 0.00	21.40 0.12 0.00	20.95 0.10 0.00	21.46 0.15 0.00	20.97 0.06 0.00	21.29 -0.08 0.00	21.35 -0.08 0.00	21.55 -0.12 0.00	24.16 -0.07 0.00	27.34 0.10 0.00	37.51 0.65 0.00	38.88 1.06 0.00	25.37 0.60 0.00	22.25 0.50 0.00	22.82 0.48 0.00	22.11 0.43 0.00
MADISON___COUNTY_LFGE 323628	35.30 0.58 0.00	26.01 0.37 0.00	24.63 0.34 0.00	22.12 0.28 0.00	21.96 0.27 0.00	23.26 0.33 0.00	24.43 0.36 0.00	24.39 0.36 0.00	21.09 0.27 0.00	21.46 0.19 0.00	21.06 0.21 0.00	21.51 0.20 0.00	21.09 0.17 0.00	21.48 0.10 0.00	21.53 0.11 0.00	21.82 0.16 0.00	24.43 0.21 0.00	27.63 0.39 0.00	37.54 0.74 0.06	38.71 0.93 0.04	25.35 0.57 0.00	22.22 0.48 0.00	22.78 0.44 0.00	22.08 0.41 0.00
MALONE___115KV_TB1 356076	35.49 0.76 0.00	26.27 0.63 0.00	24.89 0.61 0.00	22.36 0.52 0.00	22.16 0.48 0.00	23.44 0.51 0.00	24.64 0.57 0.00	24.63 0.61 0.00	21.13 0.32 0.00	21.55 0.28 0.00	21.12 0.26 0.00	21.59 0.28 0.00	21.17 0.25 0.00	21.43 0.05 0.00	21.38 -0.04 0.00	21.59 -0.08 0.00	24.15 -0.07 0.00	27.29 0.05 0.00	37.38 0.51 0.00	38.56 0.75 0.00	25.05 0.27 0.00	21.83 0.09 0.00	22.49 0.15 0.00	21.87 0.19 0.00
MAPLEWOD_115KV_TB3 80458	35.47 0.75 0.00	26.22 0.58 0.00	24.90 0.61 0.00	22.36 0.53 0.00	22.22 0.54 0.00	23.50 0.56 0.00	24.60 0.52 0.00	24.50 0.47 0.00	21.18 0.36 0.00	21.64 0.36 0.00	21.26 0.40 0.00	21.76 0.45 0.00	21.36 0.44 0.00	21.88 0.50 0.00	21.96 0.54 0.00	22.23 0.57 0.00	24.87 0.65 0.00	28.04 0.81 0.00	37.92 1.05 0.00	38.84 1.02 0.00	25.59 0.81 0.00	22.44 0.70 0.00	22.91 0.57 0.00	22.07 0.39 0.00
MAPLE_RIDGE_WT_1 323574	34.74 0.02 0.00	25.66 0.02 0.00	24.34 0.05 0.00	21.85 0.02 0.00	21.66 -0.02 0.00	22.92 -0.02 0.00	24.07 -0.01 0.00	24.05 0.02 0.00	20.79 -0.02 0.00	21.24 -0.03 0.00	20.81 -0.04 0.00	21.29 -0.02 0.00	20.86 -0.05 0.00	21.27 -0.11 0.00	21.31 -0.12 0.00	21.53 -0.14 0.00	24.09 -0.14 0.00	27.12 -0.11 0.00	36.81 -0.06 0.00	37.78 -0.03 0.00	24.70 -0.08 0.00	21.66 -0.08 0.00	22.30 -0.04 0.00	21.64 -0.03 0.00
MAPLE_RIDGE_WT_2 323611	34.74 0.02 0.00	25.66 0.02 0.00	24.34 0.05 0.00	21.85 0.02 0.00	21.66 -0.02 0.00	22.92 -0.02 0.00	24.07 -0.01 0.00	24.05 0.02 0.00	20.79 -0.02 0.00	21.24 -0.03 0.00	20.81 -0.04 0.00	21.29 -0.02 0.00	20.86 -0.05 0.00	21.27 -0.11 0.00	21.31 -0.12 0.00	21.53 -0.14 0.00	24.09 -0.14 0.00	27.12 -0.11 0.00	36.81 -0.06 0.00	37.78 -0.03 0.00	24.70 -0.08 0.00	21.66 -0.08 0.00	22.30 -0.04 0.00	21.64 -0.03 0.00
MARBLE_RIVER_WT_PWR 323696	35.30 0.58 0.00	26.14 0.50 0.00	24.78 0.49 0.00	22.26 0.43 0.00	22.08 0.39 0.00	23.34 0.41 0.00	24.51 0.43 0.00	24.49 0.46 0.00	21.03 0.22 0.00	21.44 0.17 0.00	21.03 0.17 0.00	21.46 0.15 0.00	20.99 0.07 0.00	21.22 -0.15 0.00	21.16 -0.26 0.00	21.37 -0.29 0.00	23.91 -0.31 0.00	27.05 -0.19 0.00	37.07 0.20 0.00	38.19 0.38 0.00	24.81 0.03 0.00	21.60 -0.14 0.00	22.27 -0.08 0.00	21.69 0.01 0.00
MARSHVLE_115KV_TB1 80742	36.72 2.00 0.00	27.09 1.45 0.00	25.54 1.25 0.00	22.97 1.13 0.00	22.78 1.10 0.00	24.11 1.18 0.00	25.38 1.29 0.00	25.18 1.15 0.00	21.58 0.76 0.00	22.08 0.81 0.00	21.57 0.72 0.00	22.06 0.75 0.00	21.67 0.75 0.00	22.14 0.77 0.00	22.12 0.70 0.00	22.34 0.67 0.00	25.05 0.83 0.00	28.24 1.00 0.00	38.59 1.72 0.00	39.94 2.12 0.00	26.12 1.34 0.00	22.84 1.10 0.00	23.52 1.18 0.00	22.94 1.27 0.00
MARSH_HILL_WT_PWR 323713	-4.92 -1.10 38.55	3.73 -1.20 20.71	23.13 -1.15 0.01	18.84 -1.16 1.83	20.58 -1.10 0.00	21.83 -1.10 0.00	22.81 -1.27 0.00	23.07 -0.95 0.00	20.39 -0.43 0.00	20.54 -0.73 0.00	19.75 -1.10 0.00	20.15 -1.16 0.00	19.67 -1.25 0.00	19.98 -1.40 0.00	19.89 -1.54 0.00	19.99 -1.67 0.00	22.64 -1.59 0.00	25.57 -1.67 0.00	35.07 -1.63 0.17	37.00 -0.70 0.12	20.79 -0.74 3.24	21.34 -0.40 0.00	21.96 -0.39 0.00	21.13 -0.54 0.00
MCINTYRE_115KV_TB2 80467	35.94 1.22 0.00	26.59 0.95 0.00	25.20 0.92 0.00	22.66 0.83 0.00	22.48 0.79 0.00	23.79 0.85 0.00	25.01 0.93 0.00	24.95 0.92 0.00	21.22 0.40 0.00	21.50 0.23 0.00	21.02 0.17 0.00	21.57 0.27 0.00	21.33 0.42 0.00	21.66 0.28 0.00	21.60 0.17 0.00	21.79 0.13 0.00	24.37 0.15 0.00	27.44 0.19 0.00	37.50 0.64 0.00	39.09 1.27 0.00	25.47 0.70 0.00	22.26 0.52 0.00	22.93 0.59 0.00	22.25 0.58 0.00
MECO_____69_KV_BK1 80468	36.96 2.24 0.00	27.24 1.60 0.00	25.70 1.41 0.00	23.09 1.25 0.00	22.92 1.23 0.00	24.24 1.31 0.00	25.48 1.40 0.00	25.28 1.25 0.00	21.50 0.69 0.00	21.84 0.57 0.00	21.46 0.60 0.00	21.95 0.64 0.00	21.44 0.53 0.00	22.06 0.68 0.00	21.95 0.53 0.00	22.27 0.60 0.00	24.98 0.75 0.00	28.12 0.89 0.00	38.84 1.97 0.00	40.35 2.54 0.00	26.47 1.69 0.00	23.13 1.39 0.00	23.71 1.37 0.00	22.99 1.31 0.00
MENANDS___115KV_TB5 355628	35.24 0.52 0.00	26.07 0.42 0.00	24.78 0.49 0.00	22.25 0.42 0.00	22.12 0.44 0.00	23.39 0.45 0.00	24.49 0.41 0.00	24.38 0.36 0.00	21.08 0.26 0.00	21.54 0.27 0.00	21.17 0.32 0.00	21.65 0.34 0.00	21.25 0.34 0.00	21.78 0.40 0.00	21.87 0.44 0.00	22.13 0.47 0.00	24.75 0.53 0.00	27.90 0.66 0.00	37.69 0.83 0.00	38.59 0.77 0.00	25.44 0.66 0.00	22.32 0.57 0.00	22.78 0.43 0.00	21.94 0.27 0.00
MG INDUSTRY___DRP 24185	35.30 0.58 0.00	26.11 0.46 0.00	24.81 0.52 0.00	22.30 0.46 0.00	22.16 0.48 0.00	23.44 0.50 0.00	24.55 0.47 0.00	24.42 0.40 0.00	21.04 0.22 0.00	21.46 0.18 0.00	21.06 0.21 0.00	21.53 0.22 0.00	21.11 0.19 0.00	21.60 0.23 0.00	21.70 0.28 0.00	21.93 0.27 0.00	24.54 0.31 0.00	27.74 0.51 0.00	37.64 0.77 0.00	38.61 0.79 0.00	25.42 0.64 0.00	22.30 0.56 0.00	22.79 0.44 0.00	22.00 0.32 0.00

MID___OSWEGATCHIE_HYD 23849	35.33 0.60 0.00	26.07 0.42 0.00	24.70 0.41 0.00	22.14 0.31 0.00	21.87 0.19 0.00	23.24 0.31 0.00	24.42 0.34 0.00	24.35 0.32 0.00	20.88 0.07 0.00	21.20 -0.07 0.00	20.74 -0.12 0.00	21.29 -0.02 0.00	20.88 -0.04 0.00	21.14 -0.24 0.00	21.13 -0.30 0.00	21.29 -0.37 0.00	23.87 -0.36 0.00	26.99 -0.25 0.00	37.11 0.24 0.00	38.61 0.79 0.00	25.14 0.36 0.00	22.01 0.27 0.00	22.62 0.28 0.00	21.93 0.26 0.00
MID___RAQUETTE_HYD 23851	35.29 0.56 0.00	26.10 0.45 0.00	24.73 0.44 0.00	22.22 0.38 0.00	22.01 0.33 0.00	23.31 0.37 0.00	24.50 0.42 0.00	24.46 0.44 0.00	20.95 0.14 0.00	21.27 0.00 0.00	20.81 -0.04 0.00	21.36 0.06 0.00	21.07 0.15 0.00	21.34 -0.04 0.00	21.31 -0.12 0.00	21.49 -0.17 0.00	24.06 -0.17 0.00	27.12 -0.12 0.00	37.08 0.22 0.00	38.43 0.61 0.00	25.01 0.23 0.00	21.87 0.12 0.00	22.52 0.17 0.00	21.86 0.18 0.00
MILLIKEN___1 23584	93.19 0.12 -58.35	56.98 -0.01 -31.35	24.33 0.03 -0.01	24.58 -0.03 -2.77	21.68 -0.01 -0.01	22.97 0.03 0.00	24.13 0.05 0.00	24.09 0.07 0.00	20.88 0.07 0.00	21.34 0.06 0.00	20.88 0.02 0.00	21.26 -0.05 0.00	20.82 -0.10 0.00	21.19 -0.18 0.00	21.23 -0.20 0.00	21.49 -0.17 0.00	24.14 -0.09 0.00	27.29 0.05 0.00	37.07 0.29 0.08	38.29 0.53 0.06	30.00 0.31 -4.91	21.97 0.23 0.00	22.54 0.19 0.00	21.85 0.18 0.00
MILLIKEN___2 23585	93.19 0.12 -58.35	56.98 -0.01 -31.35	24.33 0.03 -0.01	24.58 -0.03 -2.77	21.68 -0.01 -0.01	22.97 0.03 0.00	24.13 0.05 0.00	24.09 0.07 0.00	20.88 0.07 0.00	21.34 0.06 0.00	20.88 0.02 0.00	21.26 -0.05 0.00	20.82 -0.10 0.00	21.19 -0.18 0.00	21.23 -0.20 0.00	21.49 -0.17 0.00	24.14 -0.09 0.00	27.29 0.05 0.00	37.07 0.29 0.08	38.29 0.53 0.06	30.00 0.31 -4.91	21.97 0.23 0.00	22.54 0.19 0.00	21.85 0.18 0.00
MILLIKEN___DIESEL 23629	93.19 0.12 -58.35	56.98 -0.01 -31.35	24.33 0.03 -0.01	24.58 -0.03 -2.77	21.68 -0.01 -0.01	22.97 0.03 0.00	24.13 0.05 0.00	24.09 0.07 0.00	20.88 0.07 0.00	21.34 0.06 0.00	20.88 0.02 0.00	21.26 -0.05 0.00	20.82 -0.10 0.00	21.19 -0.18 0.00	21.23 -0.20 0.00	21.49 -0.17 0.00	24.14 -0.09 0.00	27.29 0.05 0.00	37.07 0.29 0.08	38.29 0.53 0.06	30.00 0.31 -4.91	21.97 0.23 0.00	22.54 0.19 0.00	21.85 0.18 0.00
MILLSEAT___LFGE 323607	22.37 -2.21 10.14	18.52 -1.68 5.45	22.76 -1.53 0.00	20.01 -1.34 0.48	20.31 -1.37 0.00	21.60 -1.34 0.00	22.76 -1.32 0.00	22.88 -1.15 0.00	19.90 -0.91 0.00	20.12 -1.15 0.00	19.51 -1.35 0.00	19.72 -1.59 0.00	19.54 -1.37 0.00	19.77 -1.60 0.00	19.66 -1.76 0.00	19.97 -1.69 0.00	22.45 -1.77 0.00	25.13 -2.11 0.00	33.82 -2.76 0.28	35.28 -2.35 0.19	22.54 -1.38 0.85	20.56 -1.18 0.00	21.35 -1.00 0.00	20.93 -0.75 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	36.04 1.32 0.00	26.56 0.92 0.00	25.02 0.73 0.00	22.45 0.62 0.00	22.29 0.61 0.00	23.55 0.62 0.00	24.76 0.67 0.00	24.67 0.65 0.00	21.57 0.76 0.00	22.19 0.92 0.00	21.87 1.01 0.00	22.30 0.99 0.00	21.94 1.02 0.00	22.48 1.11 0.00	22.65 1.23 0.00	22.96 1.30 0.00	25.70 1.47 0.00	28.96 1.72 0.00	39.05 2.19 0.00	39.76 1.95 0.00	26.18 1.40 0.00	22.88 1.14 0.00	23.32 0.97 0.00	22.38 0.70 0.00
MILLWOOD_13_KV_LOAD 356217	36.13 1.41 0.00	26.64 0.99 0.00	25.09 0.79 0.00	22.51 0.68 0.00	22.35 0.66 0.00	23.60 0.67 0.00	24.81 0.73 0.00	24.73 0.70 0.00	21.62 0.81 0.00	22.25 0.98 0.00	21.93 1.07 0.00	22.35 1.05 0.00	21.99 1.08 0.00	22.54 1.17 0.00	22.72 1.29 0.00	23.03 1.37 0.00	25.77 1.55 0.00	29.06 1.82 0.00	39.17 2.31 0.00	39.88 2.07 0.00	26.26 1.48 0.00	22.95 1.21 0.00	23.37 1.03 0.00	22.43 0.76 0.00
MODEL_CITY_ENERGY 24167	20.41 -3.24 11.08	17.28 -2.41 5.95	22.06 -2.22 0.00	19.37 -1.94 0.53	19.71 -1.98 0.00	20.96 -1.98 0.00	22.08 -2.00 0.00	22.22 -1.81 0.00	19.38 -1.43 0.00	19.62 -1.65 0.00	18.99 -1.87 0.00	19.18 -2.13 0.00	18.92 -2.00 0.00	19.26 -2.11 0.00	19.18 -2.25 0.00	19.47 -2.19 0.00	21.89 -2.34 0.00	24.38 -2.86 0.00	32.59 -4.00 0.27	33.90 -3.74 0.18	21.60 -2.25 0.93	19.85 -1.89 0.00	20.68 -1.66 0.00	20.33 -1.34 0.00
MODERN_LFGE___ 323580	20.41 -3.24 11.08	17.28 -2.41 5.95	22.06 -2.22 0.00	19.37 -1.94 0.53	19.71 -1.98 0.00	20.96 -1.98 0.00	22.08 -2.00 0.00	22.22 -1.81 0.00	19.38 -1.43 0.00	19.62 -1.65 0.00	18.99 -1.87 0.00	19.18 -2.13 0.00	18.92 -2.00 0.00	19.26 -2.11 0.00	19.18 -2.25 0.00	19.47 -2.19 0.00	21.89 -2.34 0.00	24.38 -2.86 0.00	32.59 -4.00 0.27	33.90 -3.74 0.18	21.60 -2.25 0.93	19.85 -1.89 0.00	20.68 -1.66 0.00	20.33 -1.34 0.00
MOHAWK_PAPER___DRP 24187	35.47 0.75 0.00	26.22 0.58 0.00	24.90 0.61 0.00	22.36 0.53 0.00	22.22 0.54 0.00	23.50 0.56 0.00	24.60 0.52 0.00	24.50 0.47 0.00	21.18 0.36 0.00	21.64 0.36 0.00	21.26 0.40 0.00	21.76 0.45 0.00	21.36 0.44 0.00	21.88 0.50 0.00	21.96 0.54 0.00	22.23 0.57 0.00	24.87 0.65 0.00	28.04 0.81 0.00	37.92 1.05 0.00	38.84 1.02 0.00	25.59 0.81 0.00	22.44 0.70 0.00	22.91 0.57 0.00	22.07 0.39 0.00
MOHICAN___35_KV_115KV_LD 80490	37.30 2.58 0.00	27.47 1.83 0.00	25.99 1.71 0.00	23.32 1.48 0.00	23.18 1.49 0.00	24.55 1.61 0.00	25.75 1.67 0.00	25.70 1.68 0.00	22.15 1.34 0.00	22.54 1.27 0.00	21.99 1.13 0.00	22.59 1.28 0.00	22.05 1.14 0.00	22.70 1.33 0.00	22.67 1.24 0.00	22.89 1.23 0.00	25.80 1.57 0.00	29.17 1.93 0.00	39.63 2.76 0.00	40.69 2.87 0.00	26.79 2.02 0.00	23.52 1.78 0.00	24.02 1.68 0.00	23.06 1.38 0.00
MONGAUP___HYD 23641	36.16 1.44 0.00	26.62 0.98 0.00	25.08 0.79 0.00	22.50 0.66 0.00	22.33 0.65 0.00	23.62 0.68 0.00	24.86 0.78 0.00	24.72 0.69 0.00	21.44 0.63 0.00	21.88 0.61 0.00	21.48 0.63 0.00	21.91 0.60 0.00	21.60 0.69 0.00	22.06 0.69 0.00	22.25 0.83 0.00	22.51 0.85 0.00	25.22 1.00 0.00	28.59 1.35 0.00	38.88 2.01 0.00	39.97 2.15 0.00	26.24 1.46 0.00	22.91 1.18 0.00	23.35 1.00 0.00	22.42 0.75 0.00
MONTAUK___DIESEL 23721	36.24 1.51 0.00	26.85 1.20 0.00	45.60 1.31 -20.01	63.21 1.47 -39.91	38.21 1.38 -15.15	38.34 1.25 -14.16	31.53 1.07 -6.38	26.05 0.99 -1.04	26.80 1.30 -4.69	37.43 1.78 -14.37	27.58 2.08 -4.64	27.63 2.03 -4.29	30.96 1.92 -8.13	35.46 2.18 -11.90	52.22 2.56 -28.23	38.38 2.87 -13.85	76.57 3.36 -48.99	51.73 4.04 -20.46	65.00 5.24 -22.89	42.52 4.71 0.00	27.91 3.14 0.00	24.40 2.30 -0.35	26.72 1.81 -2.57	22.78 1.11 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	17.33 -2.69 14.70	15.67 -2.07 7.90	22.42 -1.87 0.00	19.63 -1.51 0.70	20.21 -1.47 0.00	21.55 -1.39 0.00	22.79 -1.28 0.00	22.83 -1.20 0.00	19.98 -0.83 0.00	20.29 -0.99 0.00	19.55 -1.31 0.00	19.82 -1.48 0.00	19.59 -1.33 0.00	19.99 -1.38 0.00	19.99 -1.43 0.00	20.36 -1.30 0.00	22.96 -1.27 0.00	25.69 -1.55 0.00	34.71 -1.91 0.24	36.22 -1.43 0.16	22.57 -0.97 1.24	20.95 -0.79 0.00	21.73 -0.62 0.00	21.15 -0.52 0.00

MORRIS_RIDGE___SOLAR 323848	14.30 -2.32 18.10	14.13 -1.79 9.72	22.65 -1.63 0.00	19.51 -1.47 0.86	20.23 -1.46 0.00	21.53 -1.40 0.00	22.71 -1.37 0.00	22.76 -1.27 0.00	19.82 -0.99 0.00	20.12 -1.15 0.00	19.54 -1.32 0.00	19.75 -1.56 0.00	19.41 -1.51 0.00	19.81 -1.56 0.00	19.80 -1.63 0.00	20.06 -1.60 0.00	22.66 -1.57 0.00	25.40 -1.84 0.00	34.23 -2.42 0.21	35.67 -2.00 0.14	21.92 -1.33 1.52	20.65 -1.09 0.00	21.36 -0.99 0.00	20.78 -0.90 0.00
MORTIMER_115KV_TB3 55949	25.48 -1.63 7.62	20.32 -1.23 4.09	23.19 -1.10 0.00	20.49 -0.99 0.36	20.68 -1.00 0.00	21.95 -0.99 0.00	23.11 -0.97 0.00	23.14 -0.89 0.00	20.10 -0.71 0.00	20.47 -0.80 0.00	19.93 -0.93 0.00	20.24 -1.07 0.00	19.83 -1.09 0.00	20.29 -1.08 0.00	20.26 -1.17 0.00	20.52 -1.14 0.00	23.04 -1.18 0.00	25.85 -1.39 0.00	34.69 -1.88 0.30	35.96 -1.65 0.20	23.11 -1.03 0.64	20.85 -0.89 0.00	21.56 -0.78 0.00	21.08 -0.59 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	36.28 1.56 0.00	26.74 1.10 0.00	25.18 0.89 0.00	22.60 0.76 0.00	22.43 0.75 0.00	23.68 0.75 0.00	24.91 0.83 0.00	24.83 0.80 0.00	21.73 0.92 0.00	22.36 1.09 0.00	22.05 1.20 0.00	22.47 1.16 0.00	22.13 1.21 0.00	22.66 1.29 0.00	22.85 1.42 0.00	23.16 1.50 0.00	25.89 1.66 0.00	29.18 1.94 0.00	39.32 2.45 0.00	39.98 2.17 0.00	26.35 1.57 0.00	23.03 1.29 0.00	23.46 1.11 0.00	22.51 0.83 0.00
MUNSVILLE_WIND_PWR 323609	60.82 1.37 -24.73	39.67 0.74 -13.28	25.35 1.06 -0.01	23.77 0.76 -1.17	22.50 0.82 0.00	23.91 0.97 0.00	25.05 0.97 0.00	24.97 0.95 0.00	21.61 0.80 0.00	22.18 0.90 0.00	21.42 0.57 0.00	21.87 0.57 0.00	21.24 0.33 0.00	21.51 0.13 0.00	21.52 0.09 0.00	21.80 0.14 0.00	24.61 0.39 0.00	28.13 0.89 0.00	38.46 1.67 0.07	40.04 2.28 0.05	28.18 1.32 -2.08	22.83 1.09 0.00	23.38 1.03 0.00	22.70 1.03 0.00
N SALMON___HYD 24042	35.49 0.77 0.00	26.27 0.63 0.00	24.89 0.60 0.00	22.36 0.52 0.00	22.16 0.48 0.00	23.44 0.51 0.00	24.64 0.56 0.00	24.63 0.61 0.00	21.13 0.32 0.00	21.55 0.28 0.00	21.12 0.26 0.00	21.59 0.28 0.00	21.17 0.25 0.00	21.43 0.05 0.00	21.38 -0.04 0.00	21.59 -0.07 0.00	24.15 -0.07 0.00	27.29 0.05 0.00	37.38 0.51 0.00	38.56 0.75 0.00	25.05 0.27 0.00	21.83 0.09 0.00	22.49 0.15 0.00	21.87 0.19 0.00
N.AKRON__115KV_KNAPP 355671	21.97 -2.37 10.38	18.28 -1.79 5.58	22.63 -1.65 0.00	19.92 -1.43 0.49	20.21 -1.47 0.00	21.49 -1.45 0.00	22.64 -1.44 0.00	22.77 -1.25 0.00	19.81 -1.00 0.00	20.06 -1.21 0.00	19.43 -1.43 0.00	19.68 -1.63 0.00	19.78 -1.14 0.00	19.73 -1.65 0.00	19.59 -1.84 0.00	19.91 -1.75 0.00	22.36 -1.87 0.00	25.02 -2.22 0.00	33.60 -2.98 0.28	35.05 -2.58 0.19	22.38 -1.53 0.87	20.43 -1.31 0.00	21.25 -1.10 0.00	20.84 -0.84 0.00
N.BELMOR_69_KV_BK1 55787	36.62 1.90 0.00	27.09 1.44 0.00	45.48 1.19 -20.01	62.73 0.98 -39.91	37.80 0.96 -15.15	38.07 0.97 -14.16	31.52 1.06 -6.38	26.10 1.03 -1.04	26.64 1.14 -4.69	37.01 1.36 -14.37	26.96 1.46 -4.64	27.05 1.45 -4.29	30.55 1.51 -8.13	34.90 1.62 -11.90	51.41 1.74 -28.23	37.35 1.84 -13.85	75.28 2.07 -48.99	50.10 2.40 -20.46	62.70 2.94 -22.89	40.59 2.77 0.00	26.76 1.98 0.00	23.75 1.66 -0.35	26.42 1.51 -2.57	22.83 1.15 0.00
N.E_GEN_SANDY PD 24062	35.25 0.91 0.38	26.32 0.67 0.00	24.90 0.61 0.00	22.37 0.54 0.00	22.25 0.56 0.00	23.51 0.57 0.00	24.62 0.54 0.00	25.47 0.49 -0.95	21.69 0.49 -0.38	21.80 0.53 0.00	21.44 0.59 0.00	21.90 0.59 0.00	21.49 0.58 0.00	22.05 0.68 0.00	22.19 0.76 0.00	22.47 0.80 0.00	25.18 0.95 0.00	28.36 1.16 0.03	38.07 1.46 0.25	38.98 1.37 0.19	25.84 1.06 0.00	22.60 0.86 0.00	23.06 0.71 0.00	22.18 0.50 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	36.02 1.30 0.00	26.53 0.89 0.00	24.98 0.69 0.00	22.41 0.57 0.00	22.25 0.56 0.00	23.51 0.58 0.00	24.72 0.64 0.00	24.63 0.60 0.00	21.54 0.73 0.00	22.17 0.90 0.00	21.85 1.00 0.00	22.29 0.97 0.00	21.93 1.01 0.00	22.47 1.09 0.00	22.65 1.23 0.00	22.96 1.30 0.00	25.71 1.48 0.00	28.98 1.74 0.00	39.06 2.20 0.00	39.77 1.96 0.00	26.17 1.39 0.00	22.86 1.12 0.00	23.29 0.95 0.00	22.35 0.68 0.00
N.QUEENS_27_KV_LOAD 356247	36.39 1.67 0.00	26.85 1.21 0.00	25.24 0.95 0.00	22.66 0.82 0.00	22.46 0.77 0.00	23.70 0.77 0.00	24.98 0.90 0.00	24.89 0.86 0.00	21.79 0.98 0.00	22.39 1.12 0.00	22.13 1.27 0.00	22.53 1.22 0.00	22.22 1.30 0.00	22.74 1.37 0.00	22.92 1.49 0.00	23.24 1.58 0.00	25.98 1.75 0.00	29.26 2.02 0.00	39.44 2.58 0.00	40.02 2.21 0.00	26.46 1.69 0.00	23.11 1.36 0.00	23.50 1.16 0.00	22.55 0.87 0.00
N.TROY___115KV_TB1 355778	35.81 1.09 0.00	26.45 0.81 0.00	25.08 0.79 0.00	22.52 0.69 0.00	22.39 0.71 0.00	23.68 0.75 0.00	24.79 0.71 0.00	24.69 0.66 0.00	21.36 0.55 0.00	21.80 0.52 0.00	21.38 0.53 0.00	21.89 0.58 0.00	21.47 0.55 0.00	22.02 0.65 0.00	22.09 0.66 0.00	22.35 0.68 0.00	25.07 0.85 0.00	28.27 1.03 0.00	38.25 1.39 0.00	39.20 1.39 0.00	25.84 1.07 0.00	22.63 0.89 0.00	23.12 0.78 0.00	22.27 0.59 0.00
NARROWS_GT1_1 24228	40.56 1.82 -4.01	39.55 1.30 -12.60	39.68 1.05 -14.34	39.28 0.95 -16.49	39.13 0.92 -16.52	37.83 0.91 -13.99	28.61 0.99 -3.54	39.22 0.93 -14.27	39.18 1.08 -17.28	39.24 1.26 -16.70	52.83 1.38 -30.60	72.92 1.33 -50.29	67.90 1.39 -45.60	40.54 1.46 -17.70	40.44 1.59 -17.42	40.48 1.67 -17.15	39.17 1.82 -13.12	100.25 2.15 -70.86	41.14 2.76 -1.51	42.05 2.45 -1.79	39.88 1.79 -13.31	74.79 1.48 -51.57	39.88 1.27 -16.26	39.38 1.00 -16.70
NARROWS_GT1_2 24229	40.56 1.82 -4.01	39.55 1.30 -12.60	39.68 1.05 -14.34	39.28 0.95 -16.49	39.13 0.92 -16.52	37.83 0.91 -13.99	28.61 0.99 -3.54	39.22 0.93 -14.27	39.18 1.08 -17.28	39.24 1.26 -16.70	52.83 1.38 -30.60	72.92 1.33 -50.29	67.90 1.39 -45.60	40.54 1.46 -17.70	40.44 1.59 -17.42	40.48 1.67 -17.15	39.17 1.82 -13.12	100.25 2.15 -70.86	41.14 2.76 -1.51	42.05 2.45 -1.79	39.88 1.79 -13.31	74.79 1.48 -51.57	39.88 1.27 -16.26	39.38 1.00 -16.70
NARROWS_GT1_3 24230	40.56 1.82 -4.01	39.55 1.30 -12.60	39.68 1.05 -14.34	39.28 0.95 -16.49	39.13 0.92 -16.52	37.83 0.91 -13.99	28.61 0.99 -3.54	39.22 0.93 -14.27	39.18 1.08 -17.28	39.24 1.26 -16.70	52.83 1.38 -30.60	72.92 1.33 -50.29	67.90 1.39 -45.60	40.54 1.46 -17.70	40.44 1.59 -17.42	40.48 1.67 -17.15	39.17 1.82 -13.12	100.25 2.15 -70.86	41.14 2.76 -1.51	42.05 2.45 -1.79	39.88 1.79 -13.31	74.79 1.48 -51.57	39.88 1.27 -16.26	39.38 1.00 -16.70
NARROWS_GT1_4 24231	40.56 1.82 -4.01	39.55 1.30 -12.60	39.68 1.05 -14.34	39.28 0.95 -16.49	39.13 0.92 -16.52	37.83 0.91 -13.99	28.61 0.99 -3.54	39.22 0.93 -14.27	39.18 1.08 -17.28	39.24 1.26 -16.70	52.83 1.38 -30.60	72.92 1.33 -50.29	67.90 1.39 -45.60	40.54 1.46 -17.70	40.44 1.59 -17.42	40.48 1.67 -17.15	39.17 1.82 -13.12	100.25 2.15 -70.86	41.14 2.76 -1.51	42.05 2.45 -1.79	39.88 1.79 -13.31	74.79 1.48 -51.57	39.88 1.27 -16.26	39.38 1.00 -16.70

NARROWS_GT1_5 24232	40.56 1.82 -4.01	39.55 1.30 -12.60	39.68 1.05 -14.34	39.28 0.95 -16.49	39.13 0.92 -16.52	37.83 0.91 -13.99	28.61 0.99 -3.54	39.22 0.93 -14.27	39.18 1.08 -17.28	39.24 1.26 -16.70	52.83 1.38 -30.60	72.92 1.33 -50.29	67.90 1.39 -45.60	40.54 1.46 -17.70	40.44 1.59 -17.42	40.48 1.67 -17.15	39.17 1.82 -13.12	100.25 2.15 -70.86	41.14 2.76 -1.51	42.05 2.45 -1.79	39.88 1.79 -13.31	74.79 1.48 -51.57	39.88 1.27 -16.26	39.38 1.00 -16.70
NARROWS_GT1_6 24233	40.56 1.82 -4.01	39.55 1.30 -12.60	39.68 1.05 -14.34	39.28 0.95 -16.49	39.13 0.92 -16.52	37.83 0.91 -13.99	28.61 0.99 -3.54	39.22 0.93 -14.27	39.18 1.08 -17.28	39.24 1.26 -16.70	52.83 1.38 -30.60	72.92 1.33 -50.29	67.90 1.39 -45.60	40.54 1.46 -17.70	40.44 1.59 -17.42	40.48 1.67 -17.15	39.17 1.82 -13.12	100.25 2.15 -70.86	41.14 2.76 -1.51	42.05 2.45 -1.79	39.88 1.79 -13.31	74.79 1.48 -51.57	39.88 1.27 -16.26	39.38 1.00 -16.70
NARROWS_GT1_7 24234	40.56 1.82 -4.01	39.55 1.30 -12.60	39.68 1.05 -14.34	39.28 0.95 -16.49	39.13 0.92 -16.52	37.83 0.91 -13.99	28.61 0.99 -3.54	39.22 0.93 -14.27	39.18 1.08 -17.28	39.24 1.26 -16.70	52.83 1.38 -30.60	72.92 1.33 -50.29	67.90 1.39 -45.60	40.54 1.46 -17.70	40.44 1.59 -17.42	40.48 1.67 -17.15	39.17 1.82 -13.12	100.25 2.15 -70.86	41.14 2.76 -1.51	42.05 2.45 -1.79	39.88 1.79 -13.31	74.79 1.48 -51.57	39.88 1.27 -16.26	39.38 1.00 -16.70
NARROWS_GT1_8 24235	40.56 1.82 -4.01	39.55 1.30 -12.60	39.68 1.05 -14.34	39.28 0.95 -16.49	39.13 0.92 -16.52	37.83 0.91 -13.99	28.61 0.99 -3.54	39.22 0.93 -14.27	39.18 1.08 -17.28	39.24 1.26 -16.70	52.83 1.38 -30.60	72.92 1.33 -50.29	67.90 1.39 -45.60	40.54 1.46 -17.70	40.44 1.59 -17.42	40.48 1.67 -17.15	39.17 1.82 -13.12	100.25 2.15 -70.86	41.14 2.76 -1.51	42.05 2.45 -1.79	39.88 1.79 -13.31	74.79 1.48 -51.57	39.88 1.27 -16.26	39.38 1.00 -16.70
NARROWS_GT2_1 24236	40.56 1.82 -4.01	39.55 1.30 -12.60	39.68 1.05 -14.34	39.28 0.95 -16.49	39.13 0.92 -16.52	37.83 0.91 -13.99	28.61 0.99 -3.54	39.22 0.93 -14.27	39.18 1.08 -17.28	39.24 1.26 -16.70	52.83 1.38 -30.60	43.17 1.33 -20.54	42.68 1.39 -20.37	40.54 1.46 -17.70	40.44 1.59 -17.42	40.48 1.67 -17.15	39.17 1.82 -13.12	46.87 2.15 -17.48	41.14 2.76 -1.51	42.05 2.45 -1.79	39.88 1.79 -13.31	48.10 1.48 -24.88	39.88 1.27 -16.26	39.38 1.00 -16.70
NARROWS_GT2_2 24237	40.56 1.82 -4.01	39.55 1.30 -12.60	39.68 1.05 -14.34	39.28 0.95 -16.49	39.13 0.92 -16.52	37.83 0.91 -13.99	28.61 0.99 -3.54	39.22 0.93 -14.27	39.18 1.08 -17.28	39.24 1.26 -16.70	52.83 1.38 -30.60	43.17 1.33 -20.54	42.68 1.39 -20.37	40.54 1.46 -17.70	40.44 1.59 -17.42	40.48 1.67 -17.15	39.17 1.82 -13.12	46.87 2.15 -17.48	41.14 2.76 -1.51	42.05 2.45 -1.79	39.88 1.79 -13.31	48.10 1.48 -24.88	39.88 1.27 -16.26	39.38 1.00 -16.70
NARROWS_GT2_3 24238	40.56 1.82 -4.01	39.55 1.30 -12.60	39.68 1.05 -14.34	39.28 0.95 -16.49	39.13 0.92 -16.52	37.83 0.91 -13.99	28.61 0.99 -3.54	39.22 0.93 -14.27	39.18 1.08 -17.28	39.24 1.26 -16.70	52.83 1.38 -30.60	43.17 1.33 -20.54	42.68 1.39 -20.37	40.54 1.46 -17.70	40.44 1.59 -17.42	40.48 1.67 -17.15	39.17 1.82 -13.12	46.87 2.15 -17.48	41.14 2.76 -1.51	42.05 2.45 -1.79	39.88 1.79 -13.31	48.10 1.48 -24.88	39.88 1.27 -16.26	39.38 1.00 -16.70
NARROWS_GT2_4 24239	40.56 1.82 -4.01	39.55 1.30 -12.60	39.68 1.05 -14.34	39.28 0.95 -16.49	39.13 0.92 -16.52	37.83 0.91 -13.99	28.61 0.99 -3.54	39.22 0.93 -14.27	39.18 1.08 -17.28	39.24 1.26 -16.70	52.83 1.38 -30.60	43.17 1.33 -20.54	42.68 1.39 -20.37	40.54 1.46 -17.70	40.44 1.59 -17.42	40.48 1.67 -17.15	39.17 1.82 -13.12	46.87 2.15 -17.48	41.14 2.76 -1.51	42.05 2.45 -1.79	39.88 1.79 -13.31	48.10 1.48 -24.88	39.88 1.27 -16.26	39.38 1.00 -16.70
NARROWS_GT2_5 24240	40.56 1.82 -4.01	39.55 1.30 -12.60	39.68 1.05 -14.34	39.28 0.95 -16.49	39.13 0.92 -16.52	37.83 0.91 -13.99	28.61 0.99 -3.54	39.22 0.93 -14.27	39.18 1.08 -17.28	39.24 1.26 -16.70	52.83 1.38 -30.60	43.17 1.33 -20.54	42.68 1.39 -20.37	40.54 1.46 -17.70	40.44 1.59 -17.42	40.48 1.67 -17.15	39.17 1.82 -13.12	46.87 2.15 -17.48	41.14 2.76 -1.51	42.05 2.45 -1.79	39.88 1.79 -13.31	48.10 1.48 -24.88	39.88 1.27 -16.26	39.38 1.00 -16.70
NARROWS_GT2_6 24241	40.56 1.82 -4.01	39.55 1.30 -12.60	39.68 1.05 -14.34	39.28 0.95 -16.49	39.13 0.92 -16.52	37.83 0.91 -13.99	28.61 0.99 -3.54	39.22 0.93 -14.27	39.18 1.08 -17.28	39.24 1.26 -16.70	52.83 1.38 -30.60	43.17 1.33 -20.54	42.68 1.39 -20.37	40.54 1.46 -17.70	40.44 1.59 -17.42	40.48 1.67 -17.15	39.17 1.82 -13.12	46.87 2.15 -17.48	41.14 2.76 -1.51	42.05 2.45 -1.79	39.88 1.79 -13.31	48.10 1.48 -24.88	39.88 1.27 -16.26	39.38 1.00 -16.70
NARROWS_GT2_7 24242	40.56 1.82 -4.01	39.55 1.30 -12.60	39.68 1.05 -14.34	39.28 0.95 -16.49	39.13 0.92 -16.52	37.83 0.91 -13.99	28.61 0.99 -3.54	39.22 0.93 -14.27	39.18 1.08 -17.28	39.24 1.26 -16.70	52.83 1.38 -30.60	43.17 1.33 -20.54	42.68 1.39 -20.37	40.54 1.46 -17.70	40.44 1.59 -17.42	40.48 1.67 -17.15	39.17 1.82 -13.12	46.87 2.15 -17.48	41.14 2.76 -1.51	42.05 2.45 -1.79	39.88 1.79 -13.31	48.10 1.48 -24.88	39.88 1.27 -16.26	39.38 1.00 -16.70
NARROWS_GT2_8 24243	40.56 1.82 -4.01	39.55 1.30 -12.60	39.68 1.05 -14.34	39.28 0.95 -16.49	39.13 0.92 -16.52	37.83 0.91 -13.99	28.61 0.99 -3.54	39.22 0.93 -14.27	39.18 1.08 -17.28	39.24 1.26 -16.70	52.83 1.38 -30.60	43.17 1.33 -20.54	42.68 1.39 -20.37	40.54 1.46 -17.70	40.44 1.59 -17.42	40.48 1.67 -17.15	39.17 1.82 -13.12	46.87 2.15 -17.48	41.14 2.76 -1.51	42.05 2.45 -1.79	39.88 1.79 -13.31	48.10 1.48 -24.88	39.88 1.27 -16.26	39.38 1.00 -16.70
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	35.97 1.25 0.00	26.56 0.92 0.00	25.29 1.00 0.00	22.71 0.88 0.00	22.57 0.88 0.00	23.89 0.95 0.00	25.01 0.93 0.00	24.89 0.87 0.00	21.35 0.54 0.00	21.68 0.40 0.00	21.22 0.37 0.00	21.76 0.45 0.00	21.36 0.45 0.00	21.82 0.45 0.00	21.86 0.43 0.00	22.11 0.45 0.00	24.76 0.54 0.00	28.13 0.89 0.00	38.27 1.40 0.00	39.38 1.56 0.00	25.94 1.16 0.00	22.74 1.00 0.00	23.17 0.83 0.00	22.32 0.64 0.00
NCHELSEA_115KV_TR2 355582	36.26 1.53 0.00	26.71 1.06 0.00	25.16 0.87 0.00	22.58 0.74 0.00	22.42 0.73 0.00	23.68 0.75 0.00	24.89 0.81 0.00	24.81 0.78 0.00	21.67 0.86 0.00	22.26 0.99 0.00	21.93 1.08 0.00	22.39 1.08 0.00	22.03 1.11 0.00	22.58 1.20 0.00	22.74 1.31 0.00	23.07 1.40 0.00	25.82 1.59 0.00	29.13 1.89 0.00	39.30 2.43 0.00	40.04 2.23 0.00	26.34 1.56 0.00	23.01 1.27 0.00	23.43 1.09 0.00	22.50 0.83 0.00
NEG CAPITAL___MECHNVIL 23645	36.65 1.93 0.00	27.02 1.38 0.00	25.59 1.30 0.00	22.97 1.14 0.00	22.83 1.14 0.00	24.15 1.22 0.00	25.30 1.22 0.00	25.22 1.20 0.00	21.80 0.98 0.00	22.22 0.94 0.00	21.77 0.91 0.00	22.33 1.02 0.00	21.87 0.96 0.00	22.44 1.07 0.00	22.47 1.04 0.00	22.73 1.07 0.00	25.55 1.32 0.00	28.86 1.62 0.00	39.15 2.29 0.00	40.15 2.34 0.00	26.43 1.66 0.00	23.14 1.40 0.00	23.63 1.29 0.00	22.73 1.05 0.00

NEG CENTRAL_HIGH_ACRES 23767	25.99 -1.93 6.80	20.52 -1.46 3.66	22.96 -1.32 0.00	20.32 -1.19 0.32	20.47 -1.21 0.00	21.72 -1.21 0.00	22.85 -1.23 0.00	22.87 -1.16 0.00	19.86 -0.95 0.00	20.25 -1.02 0.00	19.74 -1.11 0.00	20.05 -1.26 0.00	19.63 -1.29 0.00	20.11 -1.27 0.00	20.08 -1.35 0.00	20.33 -1.33 0.00	22.84 -1.39 0.00	25.66 -1.58 0.00	34.50 -2.10 0.27	35.67 -1.97 0.18	22.95 -1.25 0.57	20.63 -1.11 0.00	21.29 -1.06 0.00	20.80 -0.88 0.00
NEG CENTRAL___DRP 24199	23.72 -0.76 10.25	19.50 -0.63 5.51	23.73 -0.56 0.00	20.81 -0.54 0.49	21.13 -0.55 0.00	22.41 -0.52 0.00	23.56 -0.52 0.00	23.54 -0.48 0.00	20.46 -0.35 0.00	20.87 -0.40 0.00	20.38 -0.48 0.00	20.73 -0.58 0.00	20.31 -0.61 0.00	20.74 -0.63 0.00	20.74 -0.69 0.00	20.99 -0.67 0.00	23.56 -0.66 0.00	26.54 -0.70 0.00	35.92 -0.84 0.10	37.13 -0.61 0.07	23.49 -0.42 0.86	21.36 -0.38 0.00	21.96 -0.38 0.00	21.36 -0.32 0.00
NEG CENTRAL___INDECK 23768	17.99 -0.89 15.84	16.37 -0.77 8.51	23.61 -0.67 0.00	20.47 -0.61 0.75	21.06 -0.63 0.00	22.40 -0.53 0.00	23.62 -0.46 0.00	23.66 -0.37 0.00	20.40 -0.41 0.00	20.58 -0.69 0.00	20.00 -0.85 0.00	20.34 -0.97 0.00	19.89 -1.03 0.00	20.33 -1.05 0.00	20.34 -1.09 0.00	20.56 -1.10 0.00	23.18 -1.04 0.00	26.00 -1.24 0.00	35.15 -1.47 0.24	37.07 -0.59 0.16	23.18 -0.27 1.33	21.52 -0.22 0.00	22.19 -0.15 0.00	21.60 -0.07 0.00
NEG CENTRAL___SENECA 23627	17.52 -0.92 16.29	16.12 -0.77 8.75	23.61 -0.68 0.00	20.41 -0.65 0.77	21.04 -0.64 0.00	22.33 -0.60 0.00	23.50 -0.58 0.00	23.51 -0.52 0.00	20.44 -0.37 0.00	20.84 -0.44 0.00	20.32 -0.54 0.00	20.64 -0.67 0.00	20.20 -0.72 0.00	20.64 -0.74 0.00	20.63 -0.79 0.00	20.89 -0.77 0.00	23.49 -0.74 0.00	26.45 -0.79 0.00	35.81 -0.88 0.18	37.12 -0.57 0.12	22.98 -0.43 1.37	21.37 -0.37 0.00	21.98 -0.37 0.00	21.34 -0.34 0.00
NEG CENTRAL___STATE_STREET 24147	30.53 -0.27 3.92	23.28 -0.26 2.11	24.06 -0.23 0.00	21.43 -0.22 0.19	21.37 -0.31 0.00	22.64 -0.29 0.00	23.77 -0.31 0.00	23.72 -0.30 0.00	20.58 -0.23 0.00	21.02 -0.25 0.00	20.54 -0.32 0.00	20.93 -0.38 0.00	20.51 -0.40 0.00	20.94 -0.43 0.00	20.95 -0.48 0.00	21.20 -0.47 0.00	23.76 -0.46 0.00	26.77 -0.47 0.00	36.27 -0.60 0.00	37.36 -0.46 0.00	24.15 -0.30 0.33	21.47 -0.27 0.00	22.07 -0.28 0.00	21.49 -0.18 0.00
NEG MILLWOOD___DRP 24198	36.34 1.62 0.00	26.78 1.14 0.00	25.22 0.94 0.00	22.64 0.80 0.00	22.47 0.78 0.00	23.73 0.79 0.00	24.95 0.87 0.00	24.87 0.85 0.00	21.75 0.94 0.00	22.36 1.09 0.00	22.04 1.18 0.00	22.49 1.18 0.00	22.14 1.22 0.00	22.70 1.32 0.00	22.87 1.45 0.00	23.19 1.52 0.00	25.95 1.72 0.00	29.27 2.03 0.00	39.47 2.61 0.00	40.20 2.39 0.00	26.44 1.67 0.00	23.10 1.36 0.00	23.52 1.17 0.00	22.56 0.89 0.00
NEG NORTH_FLCN_SEA 23793	35.62 0.90 0.00	26.38 0.73 0.00	24.99 0.70 0.00	22.46 0.62 0.00	22.29 0.60 0.00	23.58 0.65 0.00	24.75 0.67 0.00	24.72 0.69 0.00	21.24 0.42 0.00	21.63 0.36 0.00	21.24 0.38 0.00	21.68 0.38 0.00	21.21 0.30 0.00	21.45 0.08 0.00	21.39 -0.04 0.00	21.61 -0.05 0.00	24.18 -0.05 0.00	27.37 0.13 0.00	37.47 0.60 0.00	38.61 0.80 0.00	25.11 0.33 0.00	21.81 0.07 0.00	22.47 0.12 0.00	21.87 0.19 0.00
NEG NORTH_KES_CHATEGAY 23792	35.31 0.59 0.00	26.17 0.52 0.00	24.80 0.51 0.00	22.28 0.45 0.00	22.09 0.40 0.00	23.35 0.41 0.00	24.54 0.45 0.00	24.52 0.50 0.00	21.05 0.23 0.00	21.42 0.15 0.00	20.99 0.13 0.00	21.43 0.12 0.00	21.01 0.09 0.00	21.26 -0.12 0.00	21.21 -0.21 0.00	21.41 -0.25 0.00	23.98 -0.25 0.00	27.11 -0.13 0.00	37.12 0.25 0.00	38.24 0.43 0.00	24.84 0.07 0.00	21.63 -0.11 0.00	22.30 -0.05 0.00	21.72 0.04 0.00
NEG NORTH___ALICE_FALLS 23915	35.62 0.89 0.00	26.36 0.72 0.00	24.98 0.69 0.00	22.44 0.60 0.00	22.26 0.58 0.00	23.55 0.61 0.00	24.73 0.65 0.00	24.71 0.68 0.00	21.22 0.40 0.00	21.61 0.34 0.00	21.20 0.35 0.00	21.68 0.37 0.00	21.20 0.28 0.00	21.45 0.08 0.00	21.39 -0.03 0.00	21.62 -0.04 0.00	24.16 -0.07 0.00	27.37 0.13 0.00	37.49 0.63 0.00	38.65 0.83 0.00	25.12 0.35 0.00	21.83 0.09 0.00	22.48 0.13 0.00	21.88 0.21 0.00
NEG NORTH___LWR_SARANAC 23913	35.62 0.89 0.00	26.36 0.72 0.00	24.98 0.69 0.00	22.44 0.60 0.00	22.26 0.58 0.00	23.55 0.61 0.00	24.73 0.65 0.00	24.71 0.68 0.00	21.22 0.40 0.00	21.61 0.34 0.00	21.20 0.35 0.00	21.68 0.37 0.00	21.20 0.28 0.00	21.45 0.08 0.00	21.39 -0.03 0.00	21.62 -0.04 0.00	24.16 -0.07 0.00	27.37 0.13 0.00	37.49 0.63 0.00	38.65 0.83 0.00	25.12 0.35 0.00	21.83 0.09 0.00	22.48 0.13 0.00	21.88 0.21 0.00
NEG NORTH___PLATTSBURG 23628	35.62 0.89 0.00	26.36 0.72 0.00	24.98 0.69 0.00	22.44 0.60 0.00	22.26 0.58 0.00	23.55 0.61 0.00	24.73 0.65 0.00	24.70 0.68 0.00	21.21 0.40 0.00	21.61 0.34 0.00	21.20 0.35 0.00	21.68 0.37 0.00	21.20 0.28 0.00	21.45 0.08 0.00	21.39 -0.03 0.00	21.62 -0.04 0.00	24.16 -0.07 0.00	27.37 0.13 0.00	37.49 0.62 0.00	38.65 0.84 0.00	25.12 0.35 0.00	21.83 0.09 0.00	22.48 0.13 0.00	21.88 0.21 0.00
NEG WEST_LEA_LOCKPORT 23791	20.84 -2.99 10.89	17.58 -2.22 5.85	22.25 -2.03 0.00	19.54 -1.78 0.52	19.87 -1.81 0.00	21.12 -1.81 0.00	22.28 -1.80 0.00	22.41 -1.62 0.00	19.53 -1.29 0.00	19.79 -1.48 0.00	19.15 -1.70 0.00	19.35 -1.96 0.00	19.10 -1.81 0.00	19.42 -1.95 0.00	19.34 -2.09 0.00	19.64 -2.02 0.00	22.07 -2.16 0.00	24.62 -2.62 0.00	32.92 -3.66 0.28	34.28 -3.35 0.18	21.83 -2.03 0.92	20.03 -1.71 0.00	20.87 -1.48 0.00	20.50 -1.17 0.00
NEG WEST___LANCASTR 23811	18.25 -2.57 13.90	16.24 -1.94 7.47	22.50 -1.79 0.00	19.58 -1.60 0.66	20.08 -1.61 0.00	21.34 -1.60 0.00	22.51 -1.57 0.00	22.61 -1.41 0.00	19.74 -1.08 0.00	20.08 -1.20 0.00	19.47 -1.39 0.00	19.71 -1.60 0.00	19.36 -1.56 0.00	19.76 -1.62 0.00	19.73 -1.69 0.00	20.04 -1.63 0.00	22.55 -1.68 0.00	25.19 -2.05 0.00	33.76 -2.86 0.24	35.05 -2.61 0.16	21.95 -1.66 1.17	20.33 -1.41 0.00	21.14 -1.21 0.00	20.66 -1.02 0.00
NEG_PENN_ALLEGHNY 23528	29.65 -0.56 4.51	22.75 -0.47 2.42	23.89 -0.40 0.00	21.22 -0.40 0.21	21.31 -0.38 0.00	22.58 -0.35 0.00	23.74 -0.34 0.00	23.72 -0.31 0.00	20.65 -0.17 0.00	21.13 -0.15 0.00	20.69 -0.17 0.00	21.05 -0.26 0.00	20.64 -0.27 0.00	21.08 -0.29 0.00	21.15 -0.28 0.00	21.41 -0.26 0.00	24.04 -0.19 0.00	27.05 -0.19 0.00	36.58 -0.21 0.08	37.65 -0.11 0.05	24.26 -0.14 0.38	21.62 -0.13 0.00	22.21 -0.14 0.00	21.51 -0.16 0.00
NEG___GEN_MONROE 24207	25.44 -1.53 7.76	20.31 -1.17 4.16	23.24 -1.05 0.00	20.53 -0.94 0.37	20.73 -0.95 0.00	22.00 -0.93 0.00	23.17 -0.91 0.00	23.22 -0.81 0.00	20.15 -0.66 0.00	20.48 -0.79 0.00	19.92 -0.94 0.00	20.21 -1.09 0.00	19.83 -1.09 0.00	20.25 -1.13 0.00	20.21 -1.22 0.00	20.48 -1.19 0.00	22.99 -1.23 0.00	25.81 -1.42 0.00	34.70 -1.87 0.30	36.08 -1.54 0.20	23.20 -0.93 0.65	20.94 -0.80 0.00	21.65 -0.69 0.00	21.17 -0.50 0.00

NEPA__ENERGY 23901	18.15 -2.75 13.83	16.16 -2.06 7.43	22.46 -1.83 0.00	19.52 -1.67 0.66	20.07 -1.61 0.00	21.38 -1.55 0.00	22.58 -1.50 0.00	22.62 -1.41 0.00	19.80 -1.01 0.00	20.19 -1.09 0.00	19.60 -1.26 0.00	19.83 -1.48 0.00	19.51 -1.41 0.00	19.90 -1.48 0.00	19.95 -1.47 0.00	20.28 -1.39 0.00	22.86 -1.36 0.00	25.56 -1.68 0.00	34.35 -2.28 0.24	35.67 -1.99 0.16	22.18 -1.43 1.16	20.57 -1.17 0.00	21.34 -1.00 0.00	20.74 -0.94 0.00
NEVERSink__HYD 23608	35.70 0.97 0.00	26.27 0.63 0.00	24.74 0.45 0.00	22.19 0.35 0.00	22.02 0.34 0.00	23.28 0.35 0.00	24.49 0.41 0.00	24.42 0.40 0.00	21.33 0.52 0.00	21.88 0.60 0.00	21.53 0.68 0.00	21.95 0.64 0.00	21.60 0.68 0.00	22.13 0.75 0.00	22.27 0.84 0.00	22.58 0.91 0.00	25.31 1.08 0.00	28.59 1.35 0.00	38.66 1.79 0.00	39.44 1.63 0.00	25.91 1.14 0.00	22.62 0.88 0.00	23.06 0.72 0.00	22.15 0.47 0.00
NEWKRMKL_115KV_TB1 55635	35.09 0.37 0.00	25.96 0.31 0.00	24.71 0.42 0.00	22.19 0.35 0.00	22.06 0.37 0.00	23.32 0.39 0.00	24.43 0.35 0.00	24.32 0.29 0.00	20.99 0.17 0.00	21.44 0.17 0.00	21.10 0.24 0.00	21.57 0.26 0.00	21.18 0.26 0.00	21.69 0.32 0.00	21.78 0.36 0.00	22.05 0.39 0.00	24.65 0.42 0.00	27.79 0.55 0.00	37.55 0.68 0.00	38.43 0.62 0.00	25.33 0.55 0.00	22.22 0.48 0.00	22.68 0.33 0.00	21.85 0.17 0.00
NEWTON__FALLS_HYD 23847	35.33 0.60 0.00	26.07 0.42 0.00	24.70 0.41 0.00	22.14 0.31 0.00	21.87 0.19 0.00	23.24 0.31 0.00	24.42 0.34 0.00	24.35 0.32 0.00	20.88 0.07 0.00	21.20 -0.07 0.00	20.74 -0.12 0.00	21.29 -0.02 0.00	20.88 -0.04 0.00	21.14 -0.24 0.00	21.13 -0.30 0.00	21.29 -0.37 0.00	23.87 -0.36 0.00	26.99 -0.25 0.00	37.11 0.24 0.00	38.61 0.79 0.00	25.14 0.36 0.00	22.01 0.27 0.00	22.62 0.28 0.00	21.93 0.26 0.00
NGRID_A1_DSASP 323792	20.12 -3.47 11.14	17.13 -2.53 5.99	22.02 -2.26 0.00	19.32 -1.99 0.53	19.65 -2.03 0.00	20.89 -2.04 0.00	22.02 -2.06 0.00	22.15 -1.87 0.00	19.34 -1.48 0.00	19.59 -1.68 0.00	18.91 -1.94 0.00	19.04 -2.27 0.00	18.73 -2.18 0.00	19.13 -2.25 0.00	19.05 -2.37 0.00	19.34 -2.32 0.00	21.74 -2.49 0.00	24.19 -3.05 0.00	32.26 -4.33 0.28	33.50 -4.14 0.18	21.34 -2.50 0.94	19.63 -2.11 0.00	20.48 -1.87 0.00	20.16 -1.52 0.00
NGRID_A2_DSASP 323793	20.12 -3.47 11.14	17.13 -2.53 5.99	22.02 -2.26 0.00	19.32 -1.99 0.53	19.65 -2.03 0.00	20.89 -2.04 0.00	22.02 -2.06 0.00	22.15 -1.87 0.00	19.34 -1.48 0.00	19.59 -1.68 0.00	18.91 -1.94 0.00	19.04 -2.27 0.00	18.73 -2.18 0.00	19.13 -2.25 0.00	19.05 -2.37 0.00	19.34 -2.32 0.00	21.74 -2.49 0.00	24.19 -3.05 0.00	32.26 -4.33 0.28	33.50 -4.14 0.18	21.34 -2.50 0.94	19.63 -2.11 0.00	20.48 -1.87 0.00	20.16 -1.52 0.00
NGRID_A4_DSASP 323807	20.12 -3.47 11.14	17.13 -2.53 5.99	22.02 -2.26 0.00	19.32 -1.99 0.53	19.65 -2.03 0.00	20.89 -2.04 0.00	22.02 -2.06 0.00	22.15 -1.87 0.00	19.34 -1.48 0.00	19.59 -1.68 0.00	18.91 -1.94 0.00	19.04 -2.27 0.00	18.73 -2.18 0.00	19.13 -2.25 0.00	19.05 -2.37 0.00	19.34 -2.32 0.00	21.74 -2.49 0.00	24.19 -3.05 0.00	32.26 -4.33 0.28	33.50 -4.14 0.18	21.34 -2.50 0.94	19.63 -2.11 0.00	20.48 -1.87 0.00	20.16 -1.52 0.00
NIAGARA_115E_LBMP 323715	20.08 -3.40 11.24	17.08 -2.53 6.04	21.94 -2.35 0.00	19.26 -2.04 0.53	19.60 -2.08 0.00	20.84 -2.09 0.00	21.96 -2.12 0.00	22.10 -1.93 0.00	19.28 -1.53 0.00	19.52 -1.76 0.00	18.89 -1.96 0.00	19.08 -2.23 0.00	18.79 -2.12 0.00	19.16 -2.22 0.00	19.08 -2.35 0.00	19.38 -2.28 0.00	21.77 -2.45 0.00	24.24 -2.99 0.00	32.37 -4.22 0.27	33.66 -3.98 0.18	21.44 -2.39 0.95	19.73 -2.01 0.00	20.56 -1.78 0.00	20.23 -1.45 0.00
NIAGARA_115W_LBMP 323714	20.12 -3.50 11.10	17.11 -2.57 5.97	21.99 -2.29 0.00	19.28 -2.02 0.53	19.63 -2.05 0.00	20.86 -2.07 0.00	21.99 -2.09 0.00	22.12 -1.90 0.00	19.31 -1.51 0.00	19.56 -1.71 0.00	18.88 -1.97 0.00	19.00 -2.31 0.00	18.69 -2.22 0.00	19.09 -2.29 0.00	19.01 -2.41 0.00	19.30 -2.36 0.00	21.69 -2.53 0.00	24.13 -3.10 0.00	32.19 -4.40 0.28	33.43 -4.20 0.18	21.30 -2.54 0.93	19.59 -2.15 0.00	20.44 -1.90 0.00	20.13 -1.55 0.00
NIAGARA_230_LBMP 323716	20.56 -3.36 10.81	17.38 -2.46 5.81	22.10 -2.19 0.00	19.39 -1.93 0.51	19.72 -1.96 0.00	20.96 -1.97 0.00	22.09 -1.99 0.00	22.21 -1.81 0.00	19.38 -1.43 0.00	19.65 -1.62 0.00	19.02 -1.84 0.00	19.21 -2.10 0.00	18.90 -2.02 0.00	19.30 -2.08 0.00	19.22 -2.20 0.00	19.51 -2.15 0.00	21.94 -2.29 0.00	24.43 -2.81 0.00	32.60 -3.99 0.28	33.85 -3.78 0.19	21.55 -2.32 0.91	19.80 -1.94 0.00	20.64 -1.70 0.00	20.30 -1.37 0.00
NIAGARA__115KV_198_GIBSON 55903	20.13 -3.49 11.10	17.12 -2.56 5.97	21.98 -2.30 0.00	19.28 -2.03 0.53	19.63 -2.06 0.00	20.86 -2.08 0.00	21.99 -2.09 0.00	22.12 -1.90 0.00	19.29 -1.52 0.00	19.56 -1.71 0.00	18.88 -1.97 0.00	19.00 -2.31 0.00	18.69 -2.22 0.00	19.09 -2.29 0.00	19.01 -2.41 0.00	19.30 -2.37 0.00	21.67 -2.56 0.00	24.14 -3.10 0.00	32.17 -4.42 0.28	33.44 -4.19 0.18	21.30 -2.54 0.93	19.58 -2.16 0.00	20.44 -1.90 0.00	20.12 -1.55 0.00
NIAGARA____ 23760	20.44 -3.36 10.92	17.31 -2.46 5.87	22.10 -2.19 0.00	19.38 -1.93 0.52	19.72 -1.96 0.00	20.96 -1.97 0.00	22.09 -1.99 0.00	22.21 -1.81 0.00	19.38 -1.43 0.00	19.65 -1.62 0.00	19.02 -1.84 0.00	19.21 -2.10 0.00	18.90 -2.02 0.00	19.30 -2.08 0.00	19.22 -2.20 0.00	19.51 -2.15 0.00	21.94 -2.29 0.00	24.43 -2.81 0.00	32.60 -3.99 0.28	33.85 -3.78 0.19	21.54 -2.32 0.92	19.80 -1.94 0.00	20.64 -1.70 0.00	20.30 -1.37 0.00
NINE_MILE_1 23575	33.66 -1.06 0.00	24.85 -0.79 0.00	23.56 -0.73 0.00	21.18 -0.65 0.00	21.03 -0.65 0.00	22.26 -0.68 0.00	23.37 -0.71 0.00	23.33 -0.70 0.00	20.24 -0.57 0.00	20.68 -0.59 0.00	20.25 -0.60 0.00	20.66 -0.65 0.00	20.25 -0.67 0.00	20.68 -0.70 0.00	20.69 -0.74 0.00	20.90 -0.76 0.00	23.36 -0.86 0.00	26.27 -0.97 0.00	33.38 -1.31 2.18	35.08 -1.29 1.45	23.95 -0.82 0.00	21.01 -0.73 0.00	21.61 -0.73 0.00	21.10 -0.57 0.00
NINE_MILE_2 23744	33.67 -1.05 0.00	24.86 -0.78 0.00	23.57 -0.72 0.00	21.18 -0.65 0.00	21.04 -0.65 0.00	22.26 -0.68 0.00	23.37 -0.71 0.00	23.33 -0.69 0.00	20.24 -0.57 0.00	20.68 -0.59 0.00	20.26 -0.60 0.00	20.66 -0.64 0.00	20.25 -0.66 0.00	20.68 -0.69 0.00	20.70 -0.73 0.00	20.91 -0.76 0.00	23.37 -0.86 0.00	26.27 -0.97 0.00	33.35 -1.31 2.21	35.06 -1.29 1.47	23.95 -0.82 0.00	21.01 -0.73 0.00	21.62 -0.73 0.00	21.10 -0.57 0.00
NM_CAPITAL__DRP 24208	35.16 0.43 0.00	26.01 0.36 0.00	24.73 0.44 0.00	22.21 0.38 0.00	22.08 0.40 0.00	23.35 0.41 0.00	24.45 0.37 0.00	24.35 0.32 0.00	21.03 0.21 0.00	21.49 0.21 0.00	21.13 0.28 0.00	21.61 0.30 0.00	21.21 0.29 0.00	21.73 0.36 0.00	21.83 0.40 0.00	22.09 0.43 0.00	24.70 0.47 0.00	27.84 0.60 0.00	37.61 0.74 0.00	38.50 0.68 0.00	25.38 0.60 0.00	22.27 0.53 0.00	22.72 0.38 0.00	21.89 0.22 0.00

NM_CENTRAL___DRP 24181	34.16 -0.56 0.00	25.20 -0.45 0.00	23.88 -0.41 0.00	21.46 -0.38 0.00	21.31 -0.38 0.00	22.56 -0.37 0.00	23.70 -0.38 0.00	23.66 -0.36 0.00	20.54 -0.27 0.00	20.99 -0.28 0.00	20.56 -0.30 0.00	20.96 -0.35 0.00	20.54 -0.38 0.00	20.98 -0.39 0.00	21.00 -0.42 0.00	21.23 -0.43 0.00	23.77 -0.46 0.00	26.75 -0.49 0.00	36.10 -0.64 0.12	37.16 -0.58 0.08	24.41 -0.37 0.00	21.40 -0.34 0.00	21.99 -0.35 0.00	21.43 -0.24 0.00
NM_FRONTIER___DRP 24179	20.13 -3.49 11.10	17.12 -2.56 5.97	21.98 -2.30 0.00	19.28 -2.03 0.53	19.63 -2.06 0.00	20.86 -2.08 0.00	21.99 -2.09 0.00	22.12 -1.90 0.00	19.29 -1.52 0.00	19.56 -1.71 0.00	18.88 -1.97 0.00	19.00 -2.31 0.00	18.69 -2.22 0.00	19.09 -2.29 0.00	19.01 -2.41 0.00	19.30 -2.37 0.00	21.67 -2.56 0.00	24.14 -3.10 0.00	32.17 -4.42 0.28	33.44 -4.19 0.18	21.30 -2.54 0.93	19.58 -2.16 0.00	20.44 -1.90 0.00	20.12 -1.55 0.00
NM_ST_REGIS___HYD 24053	35.37 0.65 0.00	26.17 0.52 0.00	24.80 0.51 0.00	22.27 0.44 0.00	22.07 0.38 0.00	23.36 0.43 0.00	24.56 0.48 0.00	24.53 0.51 0.00	21.01 0.20 0.00	21.37 0.09 0.00	20.91 0.05 0.00	21.44 0.13 0.00	21.11 0.20 0.00	21.37 0.00 0.00	21.34 -0.08 0.00	21.53 -0.13 0.00	24.10 -0.13 0.00	27.18 -0.06 0.00	37.19 0.32 0.00	38.49 0.68 0.00	25.04 0.26 0.00	21.86 0.12 0.00	22.52 0.18 0.00	21.87 0.20 0.00
NORTHPORT___1 23551	36.08 1.35 0.00	26.84 1.20 0.00	45.33 1.04 -20.01	62.61 0.86 -39.91	37.63 0.79 -15.15	37.91 0.82 -14.16	31.36 0.90 -6.38	25.96 0.89 -1.04	26.52 1.02 -4.69	36.85 1.21 -14.37	26.81 1.31 -4.64	26.88 1.28 -4.29	30.38 1.34 -8.13	34.70 1.42 -11.90	51.20 1.54 -28.23	37.15 1.64 -13.85	75.07 1.85 -48.99	49.90 2.20 -20.46	62.52 2.76 -22.89	40.27 2.46 0.00	26.53 1.75 0.00	23.54 1.44 -0.36	26.22 1.30 -2.57	22.61 0.94 0.00
NORTHPORT___2 23552	36.08 1.35 0.00	26.84 1.20 0.00	45.33 1.04 -20.01	62.61 0.86 -39.91	37.63 0.79 -15.15	37.91 0.82 -14.16	31.36 0.90 -6.38	25.96 0.89 -1.04	26.52 1.02 -4.69	36.85 1.21 -14.37	26.81 1.31 -4.64	26.88 1.28 -4.29	30.38 1.34 -8.13	34.70 1.42 -11.90	51.20 1.54 -28.23	37.15 1.64 -13.85	75.07 1.85 -48.99	49.90 2.20 -20.46	62.52 2.76 -22.89	40.27 2.46 0.00	26.53 1.75 0.00	23.54 1.44 -0.36	26.22 1.30 -2.57	22.61 0.94 0.00
NORTHPORT___3 23553	36.22 1.50 0.00	26.94 1.29 0.00	45.35 1.05 -20.01	62.58 0.83 -39.91	37.60 0.77 -15.15	37.90 0.81 -14.16	31.40 0.94 -6.38	25.98 0.92 -1.04	26.52 1.02 -4.69	36.86 1.21 -14.37	26.84 1.34 -4.64	26.92 1.32 -4.29	30.41 1.37 -8.13	34.72 1.44 -11.90	51.20 1.54 -28.23	37.13 1.62 -13.85	75.02 1.81 -48.99	49.84 2.15 -20.46	62.44 2.68 -22.89	40.20 2.38 0.00	26.49 1.72 0.00	23.54 1.45 -0.36	26.21 1.30 -2.57	22.65 0.97 0.00
NORTHPORT___4 23650	36.22 1.50 0.00	26.94 1.29 0.00	45.35 1.05 -20.01	62.58 0.83 -39.91	37.60 0.77 -15.15	37.90 0.81 -14.16	31.40 0.94 -6.38	25.98 0.92 -1.04	26.52 1.02 -4.69	36.86 1.21 -14.37	26.84 1.34 -4.64	26.92 1.32 -4.29	30.41 1.37 -8.13	34.72 1.44 -11.90	51.20 1.54 -28.23	37.13 1.62 -13.85	75.02 1.81 -48.99	49.84 2.15 -20.46	62.44 2.68 -22.89	40.20 2.38 0.00	26.49 1.72 0.00	23.54 1.45 -0.36	26.21 1.30 -2.57	22.65 0.97 0.00
NORTHPORT___IC 23718	36.08 1.36 0.00	26.83 1.19 0.00	45.33 1.04 -20.01	62.61 0.86 -39.91	37.62 0.79 -15.15	37.91 0.82 -14.16	31.36 0.90 -6.38	25.96 0.89 -1.04	26.52 1.02 -4.69	36.85 1.20 -14.37	26.81 1.31 -4.64	26.88 1.28 -4.29	30.38 1.34 -8.13	34.70 1.42 -11.90	51.20 1.54 -28.23	37.15 1.64 -13.85	75.07 1.85 -48.99	49.90 2.21 -20.46	62.52 2.76 -22.89	40.27 2.46 0.00	26.53 1.75 0.00	23.53 1.44 -0.35	26.21 1.30 -2.57	22.61 0.94 0.00
NORTH___COUNTRY_ESR 323785	35.23 0.51 0.00	26.10 0.46 0.00	24.74 0.46 0.00	22.24 0.40 0.00	22.04 0.35 0.00	23.30 0.37 0.00	24.48 0.40 0.00	24.46 0.43 0.00	21.00 0.19 0.00	21.41 0.14 0.00	20.98 0.13 0.00	21.43 0.12 0.00	20.98 0.06 0.00	21.23 -0.15 0.00	21.17 -0.25 0.00	21.39 -0.28 0.00	23.94 -0.29 0.00	27.05 -0.19 0.00	37.03 0.17 0.00	38.14 0.32 0.00	24.75 -0.03 0.00	21.56 -0.18 0.00	22.25 -0.10 0.00	21.67 -0.01 0.00
NPX_GEN_1385_PROXY 323591	35.30 0.58 0.00	26.48 0.83 0.00	44.80 0.51 -20.01	62.28 0.53 -39.91	37.35 0.52 -15.15	37.64 0.54 -14.16	30.90 0.43 -6.38	25.61 0.55 -1.04	25.05 0.74 -3.49	36.45 0.80 -14.37	8.63 0.71 12.94	26.29 0.69 -4.29	29.82 0.78 -8.13	34.14 0.85 -11.90	50.63 0.97 -28.23	27.36 1.04 -4.66	74.46 1.25 -48.99	49.21 1.52 -20.46	61.61 1.85 -22.89	39.62 1.80 0.00	25.95 1.18 0.00	18.11 0.83 4.46	25.59 0.68 -2.57	22.04 0.37 0.00
NPX_GEN_CSC 323557	35.97 1.25 0.00	26.68 1.03 0.00	45.18 0.89 -20.01	62.55 0.81 -39.91	37.56 0.73 -15.15	37.79 0.70 -14.16	31.21 0.74 -6.38	25.71 0.64 -1.04	25.13 0.83 -3.49	36.72 1.07 -14.37	26.75 1.26 -4.64	26.80 1.21 -4.29	30.25 1.21 -8.13	34.58 1.30 -11.90	51.12 1.46 -28.23	37.17 1.66 -13.85	75.15 1.94 -48.99	50.11 2.42 -20.46	62.90 3.14 -22.89	40.44 2.63 0.00	26.62 1.85 0.00	23.51 1.42 -0.36	26.14 1.23 -2.57	22.48 0.81 0.00
NSINS_S___GLNS_FALLS 23858	37.32 2.60 0.00	27.48 1.84 0.00	26.00 1.71 0.00	23.32 1.49 0.00	23.18 1.49 0.00	24.55 1.61 0.00	25.75 1.67 0.00	25.70 1.68 0.00	22.16 1.36 0.00	22.56 1.28 0.00	21.99 1.14 0.00	22.59 1.28 0.00	22.05 1.13 0.00	22.70 1.33 0.00	22.67 1.24 0.00	22.89 1.23 0.00	25.78 1.56 0.00	29.15 1.91 0.00	39.63 2.76 0.00	40.70 2.88 0.00	26.81 2.03 0.00	23.52 1.78 0.00	24.02 1.68 0.00	23.06 1.39 0.00
NUCOR_STEEL___DRP 24197	31.83 -0.27 2.63	23.99 -0.24 1.41	24.07 -0.22 0.00	21.50 -0.22 0.12	21.37 -0.31 0.00	22.64 -0.29 0.00	23.76 -0.32 0.00	23.72 -0.31 0.00	20.57 -0.24 0.00	21.02 -0.25 0.00	20.54 -0.32 0.00	20.94 -0.37 0.00	20.52 -0.40 0.00	20.96 -0.42 0.00	20.96 -0.47 0.00	21.20 -0.46 0.00	23.77 -0.46 0.00	26.76 -0.48 0.00	36.25 -0.61 0.00	37.34 -0.48 0.00	24.24 -0.31 0.22	21.45 -0.29 0.00	22.05 -0.29 0.00	21.48 -0.19 0.00
NUMBER_THREE_WT_PWR 323818	35.52 0.80 0.00	26.17 0.53 0.00	24.80 0.51 0.00	22.18 0.34 0.00	21.82 0.14 0.00	23.28 0.34 0.00	24.45 0.37 0.00	24.35 0.32 0.00	20.94 0.13 0.00	21.26 -0.01 0.00	20.79 -0.06 0.00	21.34 0.03 0.00	20.80 -0.11 0.00	21.05 -0.33 0.00	21.10 -0.32 0.00	21.24 -0.42 0.00	23.84 -0.38 0.00	27.04 -0.20 0.00	37.32 0.45 0.00	38.89 1.08 0.00	25.33 0.56 0.00	22.23 0.48 0.00	22.83 0.48 0.00	22.12 0.44 0.00
NYISO_LBMP_REFERENCE 24008	34.73 0.00 0.00	25.64 0.00 0.00	24.29 0.00 0.00	21.84 0.00 0.00	21.68 0.00 0.00	22.94 0.00 0.00	24.08 0.00 0.00	24.03 0.00 0.00	20.81 0.00 0.00	21.27 0.00 0.00	20.85 0.00 0.00	21.31 0.00 0.00	20.91 0.00 0.00	21.38 0.00 0.00	21.43 0.00 0.00	21.66 0.00 0.00	24.23 0.00 0.00	27.24 0.00 0.00	36.87 0.00 0.00	37.81 0.00 0.00	24.78 0.00 0.00	21.74 0.00 0.00	22.34 0.00 0.00	21.67 0.00 0.00

NYPA_BRENTWD____GT 24164	36.59 1.87 0.00	27.16 1.52 0.00	45.61 1.32 -20.01	62.84 1.10 -39.91	37.86 1.03 -15.15	38.16 1.06 -14.16	31.61 1.15 -6.38	26.19 1.13 -1.04	26.73 1.24 -4.69	37.09 1.44 -14.37	27.04 1.54 -4.64	27.13 1.53 -4.29	30.61 1.56 -8.13	34.96 1.68 -11.90	51.47 1.81 -28.23	37.45 1.94 -13.85	75.43 2.21 -48.99	50.34 2.64 -20.46	63.13 3.37 -22.89	40.75 2.94 0.00	26.90 2.12 0.00	23.84 1.75 -0.36	26.52 1.61 -2.57	22.88 1.21 0.00
NYPA_GOWANUS____GT5 24156	40.55 1.81 -4.01	39.55 1.30 -12.60	39.68 1.05 -14.34	39.28 0.95 -16.49	39.13 0.92 -16.52	37.83 0.91 -13.99	28.61 0.99 -3.54	39.22 0.93 -14.27	39.18 1.08 -17.28	39.24 1.26 -16.70	52.83 1.38 -30.60	72.92 1.33 -50.29	67.90 1.39 -45.60	40.54 1.46 -17.70	40.44 1.58 -17.42	40.48 1.66 -17.15	39.17 1.82 -13.12	100.25 2.15 -70.86	41.13 2.75 -1.51	42.04 2.44 -1.79	39.87 1.79 -13.31	74.79 1.48 -51.57	39.88 1.27 -16.26	39.38 1.00 -16.70
NYPA_GOWANUS____GT6 24157	40.55 1.81 -4.01	39.55 1.30 -12.60	39.68 1.05 -14.34	39.28 0.95 -16.49	39.13 0.92 -16.52	37.83 0.91 -13.99	28.61 0.99 -3.54	39.22 0.93 -14.27	39.18 1.08 -17.28	39.24 1.26 -16.70	52.83 1.38 -30.60	72.92 1.33 -50.29	67.90 1.39 -45.60	40.54 1.46 -17.70	40.44 1.58 -17.42	40.48 1.66 -17.15	39.17 1.82 -13.12	100.25 2.15 -70.86	41.13 2.75 -1.51	42.04 2.44 -1.79	39.87 1.79 -13.31	74.79 1.48 -51.57	39.88 1.27 -16.26	39.38 1.00 -16.70
NYPA_HARLEM__RVR__GT1 24160	36.32 1.59 0.00	26.80 1.16 0.00	25.19 0.90 0.00	22.63 0.79 0.00	22.42 0.74 0.00	23.67 0.74 0.00	24.93 0.85 0.00	24.84 0.81 0.00	21.74 0.92 0.00	22.36 1.09 0.00	22.07 1.22 0.00	22.47 1.16 0.00	22.16 1.24 0.00	22.68 1.30 0.00	22.85 1.43 0.00	23.18 1.52 0.00	25.91 1.68 0.00	29.18 1.94 0.00	39.35 2.48 0.00	39.92 2.11 0.00	26.41 1.63 0.00	23.05 1.31 0.00	23.45 1.11 0.00	22.51 0.83 0.00
NYPA_HARLEM__RVR__GT2 24161	36.32 1.59 0.00	26.80 1.16 0.00	25.19 0.90 0.00	22.63 0.79 0.00	22.42 0.74 0.00	23.67 0.74 0.00	24.93 0.85 0.00	24.84 0.81 0.00	21.74 0.92 0.00	22.36 1.09 0.00	22.07 1.22 0.00	22.47 1.16 0.00	22.16 1.24 0.00	22.68 1.30 0.00	22.85 1.43 0.00	23.18 1.52 0.00	25.91 1.68 0.00	29.18 1.94 0.00	39.35 2.48 0.00	39.92 2.11 0.00	26.41 1.63 0.00	23.05 1.31 0.00	23.45 1.11 0.00	22.51 0.83 0.00
NYPA_KENT____GT 24152	38.90 1.75 -2.42	34.50 1.25 -7.60	33.95 1.01 -8.65	32.69 0.91 -9.95	32.53 0.88 -9.97	32.24 0.86 -8.44	27.16 0.95 -2.14	33.53 0.90 -8.61	32.29 1.04 -10.43	32.58 1.22 -10.08	40.66 1.34 -18.47	35.10 1.29 -12.50	34.77 1.36 -12.50	33.50 1.43 -10.69	33.55 1.56 -10.57	33.65 1.63 -10.35	33.93 1.79 -7.92	40.09 2.10 -10.74	40.45 2.67 -0.91	41.25 2.36 -1.08	34.54 1.73 -8.03	38.28 1.43 -15.11	33.37 1.22 -9.81	32.70 0.95 -10.08
NYPA_POUCH1____GT 24155	40.43 1.70 -4.01	39.46 1.21 -12.60	39.62 0.99 -14.34	39.24 0.91 -16.49	39.09 0.89 -16.52	37.80 0.88 -13.99	28.55 0.94 -3.54	39.14 0.85 -14.27	39.12 1.02 -17.28	39.17 1.19 -16.70	52.75 1.29 -30.60	39.56 1.24 -17.01	39.60 1.30 -17.38	40.45 1.37 -17.70	40.35 1.49 -17.42	40.38 1.56 -17.15	39.05 1.71 -13.12	39.99 2.04 -10.71	41.01 2.63 -1.51	41.91 2.31 -1.79	39.80 1.72 -13.31	44.86 1.41 -21.71	39.79 1.19 -16.26	39.32 0.94 -16.70
NYPA_VERNON____GT2 24162	37.24 1.69 -0.83	29.45 1.20 -2.61	28.22 0.96 -2.96	26.11 0.86 -3.41	25.94 0.83 -3.42	26.64 0.81 -2.89	25.71 0.90 -0.73	27.84 0.86 -2.95	25.40 1.01 -3.57	25.91 1.18 -3.45	28.49 1.30 -6.33	27.04 1.26 -4.47	26.86 1.32 -4.62	26.46 1.40 -3.69	26.66 1.52 -3.71	26.81 1.60 -3.55	28.69 1.75 -2.71	33.29 2.05 -4.01	39.78 2.60 -0.31	40.46 2.28 -0.37	29.21 1.68 -2.75	28.46 1.38 -5.34	26.88 1.18 -3.36	26.04 0.91 -3.46
NYPA_VERNON____GT3 24163	37.24 1.69 -0.83	29.45 1.20 -2.61	28.22 0.96 -2.96	26.11 0.86 -3.41	25.94 0.83 -3.42	26.64 0.81 -2.89	25.71 0.90 -0.73	27.84 0.86 -2.95	25.40 1.01 -3.57	25.91 1.18 -3.45	28.49 1.30 -6.33	27.04 1.26 -4.47	26.86 1.32 -4.62	26.46 1.40 -3.69	26.66 1.52 -3.71	26.81 1.60 -3.55	28.69 1.75 -2.71	33.29 2.05 -4.01	39.78 2.60 -0.31	40.46 2.28 -0.37	29.21 1.68 -2.75	28.46 1.38 -5.34	26.88 1.18 -3.36	26.04 0.91 -3.46
NYPA__ASTORIA_CC1 323568	36.34 1.62 0.00	26.80 1.15 0.00	25.21 0.92 0.00	22.67 0.83 0.00	22.49 0.80 0.00	23.71 0.77 0.00	24.94 0.86 0.00	24.85 0.82 0.00	21.80 0.98 0.00	22.43 1.16 0.00	22.13 1.27 0.00	22.54 1.23 0.00	22.43 1.29 -0.23	22.77 1.36 -0.03	23.02 1.48 -0.11	23.23 1.56 0.00	25.93 1.70 0.00	29.23 1.99 0.00	39.39 2.53 0.00	40.02 2.21 0.00	26.42 1.64 0.00	23.09 1.34 0.00	23.48 1.13 0.00	22.55 0.87 0.00
NYPA__ASTORIA_CC2 323569	36.34 1.62 0.00	26.80 1.15 0.00	25.21 0.92 0.00	22.67 0.83 0.00	22.49 0.80 0.00	23.71 0.77 0.00	24.94 0.86 0.00	24.85 0.82 0.00	21.80 0.98 0.00	22.43 1.16 0.00	22.13 1.27 0.00	22.54 1.23 0.00	22.43 1.29 -0.23	22.77 1.36 -0.03	23.02 1.48 -0.11	23.23 1.56 0.00	25.93 1.70 0.00	29.23 1.99 0.00	39.39 2.53 0.00	40.02 2.21 0.00	26.42 1.64 0.00	23.09 1.34 0.00	23.48 1.13 0.00	22.55 0.87 0.00
NYPA__HOLTSVILL 23794	36.26 1.54 0.00	26.92 1.27 0.00	45.39 1.10 -20.01	62.67 0.92 -39.91	37.69 0.85 -15.15	37.95 0.85 -14.16	31.39 0.93 -6.38	25.96 0.89 -1.04	26.53 1.03 -4.69	36.86 1.21 -14.37	26.86 1.36 -4.64	26.92 1.33 -4.29	30.39 1.35 -8.13	34.72 1.43 -11.90	51.24 1.58 -28.23	37.24 1.73 -13.85	75.19 1.98 -48.99	50.11 2.41 -20.46	62.82 3.06 -22.89	40.48 2.67 0.00	26.67 1.90 0.00	23.62 1.52 -0.36	26.31 1.39 -2.57	22.68 1.01 0.00
NYPA__HELLGATE_GT1 24158	36.32 1.59 0.00	26.80 1.16 0.00	25.19 0.90 0.00	22.63 0.79 0.00	22.42 0.74 0.00	23.67 0.74 0.00	24.93 0.85 0.00	24.84 0.81 0.00	21.74 0.92 0.00	22.36 1.09 0.00	22.07 1.22 0.00	22.47 1.16 0.00	22.16 1.24 0.00	22.68 1.30 0.00	22.85 1.43 0.00	23.18 1.52 0.00	25.91 1.68 0.00	29.18 1.94 0.00	39.35 2.48 0.00	39.92 2.11 0.00	26.41 1.63 0.00	23.05 1.31 0.00	23.45 1.11 0.00	22.51 0.83 0.00
NYPA__HELLGATE_GT2 24159	36.32 1.59 0.00	26.80 1.16 0.00	25.19 0.90 0.00	22.63 0.79 0.00	22.42 0.74 0.00	23.67 0.74 0.00	24.93 0.85 0.00	24.84 0.81 0.00	21.74 0.92 0.00	22.36 1.09 0.00	22.07 1.22 0.00	22.47 1.16 0.00	22.16 1.24 0.00	22.68 1.30 0.00	22.85 1.43 0.00	23.18 1.52 0.00	25.91 1.68 0.00	29.18 1.94 0.00	39.35 2.48 0.00	39.92 2.11 0.00	26.41 1.63 0.00	23.05 1.31 0.00	23.45 1.11 0.00	22.51 0.83 0.00
NYS_BARGE__HYD 23848	21.03 -2.94 10.75	17.68 -2.20 5.77	22.28 -2.01 0.00	19.57 -1.76 0.51	19.89 -1.79 0.00	21.15 -1.79 0.00	22.29 -1.79 0.00	22.42 -1.60 0.00	19.56 -1.26 0.00	19.80 -1.47 0.00	19.16 -1.70 0.00	19.37 -1.94 0.00	19.13 -1.79 0.00	19.44 -1.94 0.00	19.35 -2.08 0.00	19.65 -2.01 0.00	22.10 -2.13 0.00	24.64 -2.60 0.00	32.97 -3.62 0.28	34.31 -3.32 0.18	21.89 -1.99 0.90	20.06 -1.67 0.00	20.89 -1.45 0.00	20.52 -1.15 0.00

OAK ORCHARD___HYD 24046	25.48 -1.63 7.62	20.32 -1.23 4.09	23.20 -1.09 0.00	20.49 -0.98 0.36	20.68 -1.00 0.00	21.95 -0.98 0.00	23.10 -0.97 0.00	23.14 -0.88 0.00	20.11 -0.71 0.00	20.47 -0.80 0.00	19.93 -0.93 0.00	20.24 -1.07 0.00	19.82 -1.09 0.00	20.29 -1.09 0.00	20.26 -1.16 0.00	20.52 -1.14 0.00	23.06 -1.17 0.00	25.86 -1.39 0.00	34.69 -1.87 0.30	35.96 -1.66 0.20	23.11 -1.02 0.64	20.86 -0.89 0.00	21.56 -0.79 0.00	21.09 -0.59 0.00
OAKDALE___35_KV_LOAD 356122	26.29 -0.66 7.78	20.93 -0.53 4.18	23.82 -0.47 0.00	21.00 -0.46 0.37	21.25 -0.43 0.00	22.52 -0.41 0.00	23.68 -0.40 0.00	23.65 -0.38 0.00	20.59 -0.22 0.00	21.07 -0.20 0.00	20.63 -0.23 0.00	20.99 -0.32 0.00	20.58 -0.34 0.00	21.02 -0.35 0.00	21.09 -0.34 0.00	21.35 -0.31 0.00	23.96 -0.27 0.00	26.96 -0.28 0.00	36.43 -0.36 0.08	37.50 -0.26 0.06	23.90 -0.23 0.65	21.54 -0.20 0.00	22.13 -0.21 0.00	21.44 -0.23 0.00
OCC_CHEM___DRP 24175	20.13 -3.46 11.14	17.13 -2.53 5.98	22.01 -2.28 0.00	19.31 -2.00 0.53	19.65 -2.03 0.00	20.88 -2.06 0.00	22.02 -2.06 0.00	22.15 -1.88 0.00	19.31 -1.50 0.00	19.59 -1.68 0.00	18.91 -1.94 0.00	19.04 -2.27 0.00	18.73 -2.18 0.00	19.12 -2.25 0.00	19.05 -2.38 0.00	19.34 -2.32 0.00	21.71 -2.51 0.00	24.19 -3.05 0.00	32.25 -4.34 0.28	33.51 -4.12 0.18	21.34 -2.50 0.94	19.62 -2.12 0.00	20.48 -1.87 0.00	20.16 -1.52 0.00
OH_GEN_PROXY 24063	20.65 -3.31 10.76	17.44 -2.43 5.78	22.13 -2.16 0.00	19.41 -1.91 0.51	19.75 -1.94 0.00	20.99 -1.94 0.00	22.12 -1.96 0.00	22.25 -1.78 0.00	18.21 -1.41 1.20	19.69 -1.59 0.00	19.06 -1.79 0.00	19.26 -2.05 0.00	18.94 -1.98 0.00	19.34 -2.04 0.00	19.28 -2.15 0.00	19.56 -2.10 0.00	22.00 -2.22 0.00	24.51 -2.73 0.00	32.72 -3.86 0.28	33.96 -3.67 0.19	21.61 -2.27 0.90	19.85 -1.89 0.00	20.67 -1.67 0.00	20.32 -1.35 0.00
OLIN_CORP_DRP 24177	20.00 -3.36 11.37	17.05 -2.48 6.11	21.97 -2.32 0.00	19.29 -2.00 0.54	19.63 -2.05 0.00	20.87 -2.07 0.00	21.99 -2.09 0.00	22.13 -1.89 0.00	19.29 -1.52 0.00	19.55 -1.72 0.00	18.92 -1.93 0.00	19.11 -2.20 0.00	18.82 -2.09 0.00	19.19 -2.18 0.00	19.11 -2.31 0.00	19.41 -2.26 0.00	21.79 -2.44 0.00	24.28 -2.95 0.00	32.42 -4.17 0.27	33.72 -3.91 0.18	21.46 -2.36 0.96	19.74 -2.00 0.00	20.59 -1.75 0.00	20.26 -1.42 0.00
OLIN_CORP_DSASP 323712	20.12 -3.47 11.14	17.13 -2.53 5.99	22.02 -2.26 0.00	19.32 -1.99 0.53	19.65 -2.03 0.00	20.89 -2.04 0.00	22.02 -2.06 0.00	22.15 -1.87 0.00	19.34 -1.48 0.00	19.59 -1.68 0.00	18.91 -1.94 0.00	19.04 -2.27 0.00	18.73 -2.18 0.00	19.13 -2.25 0.00	19.05 -2.37 0.00	19.34 -2.32 0.00	21.74 -2.49 0.00	24.19 -3.05 0.00	32.26 -4.33 0.28	33.50 -4.14 0.18	21.34 -2.50 0.94	19.63 -2.11 0.00	20.48 -1.87 0.00	20.16 -1.52 0.00
ONEIDA_HERK_LFGE 323681	35.43 0.70 0.00	26.11 0.46 0.00	24.73 0.44 0.00	22.16 0.33 0.00	21.94 0.25 0.00	23.29 0.36 0.00	24.47 0.39 0.00	24.40 0.37 0.00	21.07 0.26 0.00	21.45 0.18 0.00	21.02 0.16 0.00	21.51 0.20 0.00	21.05 0.13 0.00	21.41 0.03 0.00	21.47 0.04 0.00	21.69 0.03 0.00	24.30 0.08 0.00	27.48 0.24 0.00	37.58 0.71 0.00	38.84 1.02 0.00	25.37 0.59 0.00	22.24 0.50 0.00	22.82 0.47 0.00	22.10 0.42 0.00
ONEIDA___115KV_TB4 55905	35.30 0.58 0.00	26.01 0.37 0.00	24.63 0.34 0.00	22.12 0.28 0.00	21.96 0.27 0.00	23.26 0.33 0.00	24.43 0.36 0.00	24.39 0.36 0.00	21.09 0.27 0.00	21.46 0.19 0.00	21.06 0.21 0.00	21.51 0.20 0.00	21.09 0.17 0.00	21.48 0.10 0.00	21.53 0.11 0.00	21.82 0.16 0.00	24.43 0.21 0.00	27.63 0.39 0.00	37.54 0.74 0.06	38.71 0.93 0.04	25.35 0.57 0.00	22.22 0.48 0.00	22.78 0.44 0.00	22.08 0.41 0.00
ONONDAGA_REF_OCCRA 23987	37.70 -0.37 -3.34	27.12 -0.32 -1.80	24.00 -0.29 0.00	21.72 -0.27 -0.16	21.41 -0.27 0.00	22.68 -0.25 0.00	23.82 -0.25 0.00	23.78 -0.25 0.00	20.64 -0.17 0.00	21.10 -0.17 0.00	20.66 -0.19 0.00	21.07 -0.24 0.00	20.64 -0.27 0.00	21.08 -0.30 0.00	21.11 -0.32 0.00	21.34 -0.32 0.00	23.91 -0.32 0.00	26.92 -0.32 0.00	36.38 -0.39 0.09	37.45 -0.31 0.06	24.85 -0.21 -0.28	21.55 -0.20 0.00	22.13 -0.21 0.00	21.54 -0.14 0.00
ONONDAGA___COGEN 23986	34.35 -0.37 0.00	25.32 -0.32 0.00	24.00 -0.29 0.00	21.57 -0.27 0.00	21.40 -0.28 0.00	22.67 -0.27 0.00	23.81 -0.27 0.00	23.76 -0.27 0.00	20.62 -0.19 0.00	21.08 -0.19 0.00	20.64 -0.21 0.00	21.04 -0.27 0.00	20.62 -0.29 0.00	21.06 -0.31 0.00	21.09 -0.34 0.00	21.32 -0.35 0.00	23.87 -0.36 0.00	26.87 -0.37 0.00	36.41 -0.46 0.00	37.43 -0.39 0.00	24.52 -0.26 0.00	21.50 -0.24 0.00	22.09 -0.25 0.00	21.51 -0.16 0.00
ONTARIO___LFGE 23819	17.50 -0.93 16.29	16.11 -0.78 8.75	23.61 -0.67 0.00	20.41 -0.65 0.77	21.04 -0.64 0.00	22.33 -0.60 0.00	23.51 -0.58 0.00	23.51 -0.52 0.00	20.45 -0.36 0.00	20.84 -0.44 0.00	20.31 -0.54 0.00	20.64 -0.67 0.00	20.20 -0.72 0.00	20.64 -0.74 0.00	20.63 -0.79 0.00	20.89 -0.77 0.00	23.49 -0.73 0.00	26.45 -0.79 0.00	35.81 -0.87 0.18	37.12 -0.58 0.12	22.98 -0.43 1.37	21.37 -0.37 0.00	21.98 -0.37 0.00	21.34 -0.34 0.00
ORANGEVILLE_WT_PWR 323706	16.25 -2.66 15.81	15.14 -2.01 8.49	22.47 -1.82 0.00	19.47 -1.61 0.75	20.07 -1.61 0.00	21.37 -1.57 0.00	22.54 -1.54 0.00	22.63 -1.40 0.00	19.73 -1.09 0.00	19.97 -1.30 0.00	19.36 -1.49 0.00	19.57 -1.74 0.00	19.24 -1.68 0.00	19.65 -1.72 0.00	19.62 -1.81 0.00	19.90 -1.76 0.00	22.47 -1.75 0.00	25.13 -2.11 0.00	33.80 -2.84 0.23	35.19 -2.47 0.15	21.88 -1.57 1.33	20.43 -1.31 0.00	21.18 -1.17 0.00	20.66 -1.01 0.00
ORANGEVILLE___ESR 323794	16.25 -2.66 15.81	15.14 -2.01 8.49	22.47 -1.82 0.00	19.47 -1.61 0.75	20.07 -1.61 0.00	21.37 -1.57 0.00	22.54 -1.54 0.00	22.63 -1.40 0.00	19.73 -1.09 0.00	19.97 -1.30 0.00	19.36 -1.49 0.00	19.57 -1.74 0.00	19.24 -1.68 0.00	19.65 -1.72 0.00	19.62 -1.81 0.00	19.90 -1.76 0.00	22.47 -1.75 0.00	25.13 -2.11 0.00	33.80 -2.84 0.23	35.19 -2.47 0.15	21.88 -1.57 1.33	20.43 -1.31 0.00	21.18 -1.17 0.00	20.66 -1.01 0.00
OSWEGATCHIE___HYD 24044	35.32 0.60 0.00	26.07 0.42 0.00	24.70 0.41 0.00	22.14 0.31 0.00	21.87 0.19 0.00	23.24 0.31 0.00	24.42 0.34 0.00	24.35 0.32 0.00	20.88 0.07 0.00	21.20 -0.07 0.00	20.74 -0.12 0.00	21.29 -0.02 0.00	20.88 -0.04 0.00	21.14 -0.24 0.00	21.13 -0.30 0.00	21.29 -0.37 0.00	23.86 -0.36 0.00	26.99 -0.25 0.00	37.11 0.24 0.00	38.61 0.80 0.00	25.14 0.36 0.00	22.01 0.27 0.00	22.62 0.28 0.00	21.93 0.26 0.00
OSWEGO___5 23606	33.86 -0.87 0.00	24.99 -0.66 0.00	23.69 -0.60 0.00	21.29 -0.54 0.00	21.13 -0.55 0.00	22.37 -0.57 0.00	23.49 -0.59 0.00	23.45 -0.57 0.00	20.35 -0.47 0.00	20.79 -0.48 0.00	20.36 -0.49 0.00	20.76 -0.55 0.00	20.35 -0.57 0.00	20.78 -0.59 0.00	20.80 -0.62 0.00	21.02 -0.64 0.00	23.51 -0.71 0.00	26.44 -0.80 0.00	36.67 -1.07 -0.88	37.38 -1.02 -0.58	24.12 -0.66 0.00	21.15 -0.59 0.00	21.76 -0.59 0.00	21.21 -0.46 0.00

OSWEGO___6 23613	33.86 -0.87 0.00	24.99 -0.66 0.00	23.69 -0.60 0.00	21.29 -0.54 0.00	21.13 -0.55 0.00	22.37 -0.57 0.00	23.49 -0.59 0.00	23.45 -0.57 0.00	20.35 -0.47 0.00	20.79 -0.48 0.00	20.36 -0.49 0.00	20.76 -0.55 0.00	20.35 -0.57 0.00	20.78 -0.59 0.00	20.80 -0.62 0.00	21.02 -0.64 0.00	23.51 -0.71 0.00	26.44 -0.80 0.00	36.67 -1.07 -0.88	37.38 -1.02 -0.58	24.12 -0.66 0.00	21.15 -0.59 0.00	21.76 -0.59 0.00	21.21 -0.46 0.00
OUTOKUMPU-AB___DRP 24206	20.35 -2.80 11.57	17.34 -2.08 6.22	22.40 -1.89 0.00	19.63 -1.66 0.55	20.01 -1.68 0.00	21.26 -1.67 0.00	22.41 -1.67 0.00	22.54 -1.49 0.00	19.65 -1.17 0.00	19.93 -1.34 0.00	19.28 -1.57 0.00	19.46 -1.85 0.00	19.17 -1.75 0.00	19.54 -1.84 0.00	19.47 -1.96 0.00	19.77 -1.89 0.00	22.23 -1.99 0.00	24.80 -2.44 0.00	33.18 -3.42 0.27	34.48 -3.15 0.18	21.89 -1.91 0.97	20.12 -1.62 0.00	20.97 -1.38 0.00	20.59 -1.09 0.00
OXBOW___BTM 323836	20.23 -3.14 11.36	17.23 -2.32 6.10	22.21 -2.07 0.00	19.46 -1.83 0.54	19.83 -1.86 0.00	21.08 -1.86 0.00	22.21 -1.87 0.00	22.34 -1.69 0.00	19.49 -1.32 0.00	19.75 -1.52 0.00	19.10 -1.76 0.00	19.25 -2.06 0.00	18.95 -1.97 0.00	19.34 -2.04 0.00	19.26 -2.16 0.00	19.56 -2.10 0.00	22.01 -2.22 0.00	24.51 -2.73 0.00	32.74 -3.86 0.27	34.00 -3.64 0.18	21.62 -2.20 0.96	19.89 -1.85 0.00	20.72 -1.62 0.00	20.37 -1.30 0.00
OXBOW____ 24026	20.25 -3.12 11.36	17.24 -2.31 6.10	22.20 -2.08 0.00	19.47 -1.83 0.54	19.83 -1.86 0.00	21.06 -1.87 0.00	22.20 -1.87 0.00	22.34 -1.69 0.00	19.47 -1.34 0.00	19.75 -1.52 0.00	19.09 -1.76 0.00	19.25 -2.06 0.00	18.95 -1.97 0.00	19.33 -2.04 0.00	19.26 -2.17 0.00	19.56 -2.11 0.00	21.97 -2.25 0.00	24.50 -2.74 0.00	32.72 -3.88 0.27	34.00 -3.63 0.18	21.62 -2.20 0.96	19.87 -1.87 0.00	20.72 -1.62 0.00	20.37 -1.30 0.00
OXY_CHEM_DSASP 323612	20.13 -3.46 11.14	17.13 -2.53 5.98	22.01 -2.28 0.00	19.31 -2.00 0.53	19.65 -2.03 0.00	20.88 -2.06 0.00	22.02 -2.06 0.00	22.15 -1.88 0.00	19.31 -1.50 0.00	19.59 -1.68 0.00	18.91 -1.94 0.00	19.04 -2.27 0.00	18.73 -2.18 0.00	19.12 -2.25 0.00	19.05 -2.38 0.00	19.34 -2.32 0.00	21.71 -2.51 0.00	24.19 -3.05 0.00	32.25 -4.34 0.28	33.51 -4.12 0.18	21.34 -2.50 0.94	19.62 -2.12 0.00	20.48 -1.87 0.00	20.16 -1.52 0.00
OZONE_PARK_ESR 323760	36.67 1.95 0.00	27.02 1.37 0.00	25.41 1.13 0.00	22.81 0.97 0.00	22.63 0.95 0.00	23.88 0.95 0.00	25.14 1.06 0.00	25.04 1.02 0.00	21.92 1.10 0.00	22.57 1.30 0.00	22.26 1.41 0.00	22.68 1.37 0.00	22.34 1.43 0.00	22.89 1.52 0.00	23.08 1.66 0.00	23.40 1.75 0.00	26.16 1.94 0.00	29.49 2.25 0.00	39.73 2.86 0.00	40.38 2.57 0.00	26.63 1.85 0.00	23.26 1.52 0.00	23.69 1.34 0.00	22.73 1.06 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	20.13 -3.46 11.14	17.13 -2.53 5.98	22.01 -2.28 0.00	19.31 -2.00 0.53	19.65 -2.03 0.00	20.88 -2.06 0.00	22.02 -2.06 0.00	22.15 -1.88 0.00	19.31 -1.50 0.00	19.59 -1.68 0.00	18.91 -1.94 0.00	19.04 -2.27 0.00	18.73 -2.18 0.00	19.12 -2.25 0.00	19.05 -2.38 0.00	19.34 -2.32 0.00	21.71 -2.51 0.00	24.19 -3.05 0.00	32.25 -4.34 0.28	33.51 -4.12 0.18	21.34 -2.50 0.94	19.62 -2.12 0.00	20.48 -1.87 0.00	20.16 -1.52 0.00
PACKARD__115KV_DUPONT_184 80571	20.13 -3.46 11.14	17.13 -2.53 5.98	22.01 -2.28 0.00	19.31 -2.00 0.53	19.65 -2.03 0.00	20.88 -2.06 0.00	22.02 -2.06 0.00	22.15 -1.88 0.00	19.31 -1.50 0.00	19.59 -1.68 0.00	18.91 -1.94 0.00	19.04 -2.27 0.00	18.73 -2.18 0.00	19.12 -2.25 0.00	19.05 -2.38 0.00	19.34 -2.32 0.00	21.71 -2.51 0.00	24.19 -3.05 0.00	32.25 -4.34 0.28	33.51 -4.12 0.18	21.34 -2.50 0.94	19.62 -2.12 0.00	20.48 -1.87 0.00	20.16 -1.52 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	36.30 1.57 0.00	26.79 1.14 0.00	25.20 0.91 0.00	22.63 0.80 0.00	22.43 0.75 0.00	23.68 0.75 0.00	24.93 0.85 0.00	24.82 0.79 0.00	21.73 0.92 0.00	22.32 1.05 0.00	22.02 1.17 0.00	22.44 1.13 0.00	22.11 1.19 0.00	22.63 1.25 0.00	22.80 1.37 0.00	23.14 1.47 0.00	25.86 1.63 0.00	29.14 1.90 0.00	39.31 2.44 0.00	39.93 2.12 0.00	26.39 1.61 0.00	23.03 1.29 0.00	23.44 1.09 0.00	22.50 0.82 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	36.63 1.91 0.00	27.06 1.42 0.00	25.43 1.15 0.00	22.85 1.01 0.00	22.62 0.94 0.00	23.85 0.92 0.00	25.09 1.02 0.00	24.95 0.92 0.00	21.82 1.00 0.00	22.41 1.14 0.00	22.08 1.23 0.00	22.47 1.16 0.00	22.17 1.25 0.00	22.69 1.31 0.00	22.85 1.42 0.00	23.21 1.54 0.00	25.92 1.69 0.00	29.22 1.98 0.00	39.39 2.52 0.00	40.01 2.20 0.00	26.40 1.62 0.00	23.05 1.30 0.00	23.44 1.10 0.00	22.51 0.83 0.00
PATROON__115KV_TB1 80586	35.21 0.49 0.00	26.04 0.39 0.00	24.77 0.48 0.00	22.24 0.40 0.00	22.11 0.43 0.00	23.38 0.44 0.00	24.49 0.40 0.00	24.38 0.36 0.00	21.05 0.23 0.00	21.51 0.24 0.00	21.16 0.30 0.00	21.63 0.32 0.00	21.24 0.33 0.00	21.76 0.38 0.00	21.85 0.42 0.00	22.12 0.46 0.00	24.73 0.50 0.00	27.87 0.63 0.00	37.67 0.81 0.00	38.56 0.74 0.00	25.41 0.63 0.00	22.29 0.55 0.00	22.74 0.40 0.00	21.91 0.24 0.00
PATTRSNVILLE___SOLAR 323815	35.81 1.08 0.00	26.43 0.78 0.00	24.98 0.69 0.00	22.45 0.61 0.00	22.29 0.60 0.00	23.58 0.64 0.00	24.75 0.66 0.00	24.60 0.57 0.00	21.20 0.39 0.00	21.61 0.33 0.00	21.18 0.33 0.00	21.72 0.41 0.00	21.25 0.34 0.00	21.78 0.40 0.00	21.77 0.35 0.00	22.07 0.40 0.00	24.79 0.56 0.00	27.90 0.66 0.00	38.02 1.16 0.00	39.13 1.32 0.00	25.71 0.93 0.00	22.52 0.77 0.00	23.06 0.71 0.00	22.30 0.62 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	18.90 -2.55 13.28	16.59 -1.91 7.14	22.53 -1.76 0.00	19.64 -1.57 0.63	20.10 -1.58 0.00	21.37 -1.57 0.00	22.54 -1.54 0.00	22.65 -1.37 0.00	19.77 -1.04 0.00	20.09 -1.18 0.00	19.48 -1.37 0.00	19.71 -1.60 0.00	19.37 -1.55 0.00	19.77 -1.61 0.00	19.74 -1.68 0.00	20.04 -1.62 0.00	22.55 -1.67 0.00	25.20 -2.04 0.00	33.78 -2.83 0.25	35.09 -2.56 0.17	22.04 -1.61 1.12	20.38 -1.36 0.00	21.19 -1.16 0.00	20.72 -0.96 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	36.34 1.62 0.00	26.78 1.14 0.00	25.22 0.94 0.00	22.64 0.80 0.00	22.47 0.78 0.00	23.73 0.79 0.00	24.95 0.87 0.00	24.87 0.85 0.00	21.75 0.94 0.00	22.36 1.09 0.00	22.04 1.18 0.00	22.49 1.18 0.00	22.14 1.22 0.00	22.70 1.32 0.00	22.87 1.45 0.00	23.19 1.52 0.00	25.95 1.72 0.00	29.27 2.03 0.00	39.47 2.61 0.00	40.20 2.39 0.00	26.44 1.67 0.00	23.10 1.36 0.00	23.52 1.17 0.00	22.56 0.89 0.00
PEEKSKILL____ 23653	36.01 1.29 0.00	26.54 0.90 0.00	24.98 0.70 0.00	22.43 0.59 0.00	22.27 0.58 0.00	23.52 0.58 0.00	24.73 0.65 0.00	24.64 0.62 0.00	21.55 0.73 0.00	22.17 0.90 0.00	21.85 0.99 0.00	22.28 0.96 0.00	21.92 1.00 0.00	22.46 1.09 0.00	22.63 1.20 0.00	22.94 1.28 0.00	25.67 1.44 0.00	28.95 1.71 0.00	39.02 2.16 0.00	39.72 1.91 0.00	26.16 1.38 0.00	22.86 1.12 0.00	23.29 0.95 0.00	22.35 0.68 0.00

PGE MADISON___WINDPWR 24146	60.82 1.37 -24.73	39.67 0.74 -13.28	25.35 1.06 -0.01	23.77 0.76 -1.17	22.50 0.82 0.00	23.91 0.97 0.00	25.05 0.97 0.00	24.97 0.95 0.00	21.61 0.80 0.00	22.18 0.90 0.00	21.42 0.57 0.00	21.87 0.57 0.00	21.24 0.33 0.00	21.51 0.13 0.00	21.52 0.09 0.00	21.80 0.14 0.00	24.61 0.39 0.00	28.13 0.89 0.00	38.46 1.67 0.07	40.04 2.28 0.05	28.18 1.32 -2.08	22.83 1.09 0.00	23.38 1.03 0.00	22.70 1.03 0.00
PIERCEFIELD___HYD 23852	35.29 0.56 0.00	26.10 0.45 0.00	24.73 0.44 0.00	22.22 0.38 0.00	22.01 0.33 0.00	23.31 0.37 0.00	24.50 0.42 0.00	24.46 0.44 0.00	20.95 0.14 0.00	21.27 0.00 0.00	20.81 -0.04 0.00	21.36 0.06 0.00	21.07 0.15 0.00	21.34 -0.04 0.00	21.31 -0.12 0.00	21.49 -0.17 0.00	24.06 -0.17 0.00	27.12 -0.12 0.00	37.08 0.22 0.00	38.43 0.61 0.00	25.01 0.23 0.00	21.87 0.12 0.00	22.52 0.17 0.00	21.86 0.18 0.00
PINELAWN_CC_1 323563	36.56 1.84 0.00	27.10 1.45 0.00	45.51 1.22 -20.01	62.75 1.00 -39.91	37.79 0.95 -15.15	38.06 0.97 -14.16	31.53 1.06 -6.38	26.10 1.03 -1.04	26.64 1.14 -4.69	37.01 1.36 -14.37	26.81 1.32 -4.64	26.85 1.25 -4.29	30.28 1.24 -8.13	34.62 1.34 -11.90	51.13 1.47 -28.23	37.08 1.57 -13.85	74.94 1.73 -48.99	49.78 2.08 -20.46	62.38 2.62 -22.89	40.13 2.31 0.00	26.53 1.76 0.00	23.58 1.49 -0.36	26.43 1.51 -2.57	22.82 1.15 0.00
PJM_GEN_HTP_PROXY 323702	35.82 1.47 0.38	26.68 1.04 0.00	25.11 0.82 0.00	22.55 0.71 0.00	22.38 0.69 0.00	23.62 0.69 0.00	24.86 0.78 0.00	25.74 0.76 -0.95	22.06 0.87 -0.38	22.33 1.05 0.00	22.02 1.17 0.00	22.44 1.13 0.00	22.10 1.19 0.00	22.65 1.27 0.00	22.83 1.40 0.00	23.14 1.48 0.00	25.87 1.64 0.00	29.15 1.91 0.00	39.28 2.41 0.00	39.72 2.10 0.19	26.30 1.53 0.00	22.99 1.25 0.00	23.43 1.08 0.00	22.48 0.81 0.00
PJM_GEN_KEystone 24065	24.58 -0.73 9.41	21.43 -0.58 3.63	23.69 -0.60 0.00	15.82 -0.57 5.45	16.94 -0.55 4.19	22.40 -0.53 0.00	23.58 -0.50 0.00	24.50 -0.48 -0.95	20.99 -0.21 -0.38	21.15 -0.13 0.00	20.71 -0.15 0.00	21.05 -0.26 0.00	20.67 -0.25 0.00	21.15 -0.23 0.00	21.27 -0.16 0.00	21.57 -0.10 0.00	24.20 -0.03 0.00	27.18 -0.06 0.11	36.58 -0.18 -1.01	38.61 -0.22 -1.01	24.09 -0.12 0.57	21.61 -0.13 0.00	22.19 -0.16 0.00	21.42 -0.25 0.00
PJM_GEN_NEPTUNE_PROXY 323594	35.84 1.50 0.38	26.82 1.17 0.00	45.25 0.95 -20.01	62.52 0.77 -39.91	37.59 0.76 -15.15	37.86 0.76 -14.16	31.31 0.84 -6.38	26.84 0.82 -2.00	26.83 0.95 -5.07	36.78 1.14 -14.37	26.75 1.25 -4.64	26.83 1.23 -4.29	26.43 1.28 -4.24	28.96 1.38 -6.21	37.65 1.50 -14.72	30.46 1.58 -7.22	51.53 1.77 -25.54	39.98 2.07 -10.66	51.40 2.59 -11.94	39.94 2.33 0.19	26.46 1.68 0.00	23.32 1.40 -0.19	24.93 1.24 -1.34	22.58 0.91 0.00
PJM_GEN_VFT_PROXY 323633	35.70 1.36 0.38	26.59 0.95 0.00	25.03 0.74 0.00	22.48 0.64 0.00	22.31 0.62 0.00	23.56 0.62 0.00	24.79 0.71 0.00	25.66 0.68 -0.95	22.00 0.81 -0.38	22.26 0.99 0.00	21.95 1.10 0.00	22.37 1.06 0.00	22.02 1.11 0.00	22.56 1.18 0.00	22.75 1.32 0.00	23.07 1.40 0.00	25.77 1.54 0.00	29.04 1.80 0.00	39.12 2.26 0.00	39.57 1.95 0.19	26.21 1.43 0.00	22.92 1.18 0.00	23.36 1.02 0.00	22.41 0.74 0.00
PLATSBURG_115KV_PMLD1 355749	35.61 0.89 0.00	26.36 0.72 0.00	24.98 0.69 0.00	22.45 0.62 0.00	22.27 0.59 0.00	23.56 0.63 0.00	24.74 0.66 0.00	24.71 0.68 0.00	21.22 0.41 0.00	21.62 0.35 0.00	21.22 0.37 0.00	21.67 0.37 0.00	21.20 0.28 0.00	21.44 0.06 0.00	21.37 -0.05 0.00	21.60 -0.07 0.00	24.16 -0.07 0.00	27.36 0.12 0.00	37.45 0.58 0.00	38.58 0.76 0.00	25.09 0.31 0.00	21.80 0.06 0.00	22.45 0.11 0.00	21.86 0.19 0.00
PLEASANTVLY___LBMP 24000	35.81 1.09 0.00	26.41 0.76 0.00	24.91 0.62 0.00	22.36 0.53 0.00	22.22 0.53 0.00	23.47 0.53 0.00	24.65 0.57 0.00	24.56 0.54 0.00	21.44 0.62 0.00	22.02 0.74 0.00	21.68 0.83 0.00	22.12 0.81 0.00	21.75 0.83 0.00	22.28 0.91 0.00	22.45 1.02 0.00	22.75 1.09 0.00	25.46 1.23 0.00	28.71 1.47 0.00	38.73 1.87 0.00	39.48 1.66 0.00	25.99 1.22 0.00	22.73 0.99 0.00	23.17 0.82 0.00	22.26 0.59 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	36.12 1.40 0.00	26.63 0.99 0.00	25.09 0.79 0.00	22.51 0.67 0.00	22.34 0.66 0.00	23.60 0.67 0.00	24.81 0.73 0.00	24.74 0.71 0.00	21.62 0.81 0.00	22.23 0.96 0.00	21.92 1.06 0.00	22.34 1.03 0.00	21.99 1.08 0.00	22.54 1.17 0.00	22.72 1.29 0.00	23.01 1.35 0.00	25.75 1.52 0.00	29.03 1.79 0.00	39.14 2.28 0.00	39.84 2.02 0.00	26.25 1.47 0.00	22.93 1.19 0.00	23.37 1.02 0.00	22.43 0.75 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	36.12 1.40 0.00	26.63 0.99 0.00	25.09 0.79 0.00	22.51 0.67 0.00	22.34 0.66 0.00	23.60 0.67 0.00	24.81 0.73 0.00	24.74 0.71 0.00	21.62 0.81 0.00	22.23 0.96 0.00	21.92 1.06 0.00	22.34 1.03 0.00	21.99 1.08 0.00	22.54 1.17 0.00	22.72 1.29 0.00	23.01 1.35 0.00	25.75 1.52 0.00	29.03 1.79 0.00	39.14 2.28 0.00	39.84 2.02 0.00	26.25 1.47 0.00	22.93 1.19 0.00	23.37 1.02 0.00	22.43 0.75 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	36.11 1.39 0.00	26.61 0.96 0.00	25.08 0.79 0.00	22.51 0.68 0.00	22.35 0.67 0.00	23.61 0.68 0.00	24.81 0.73 0.00	24.73 0.70 0.00	21.59 0.77 0.00	22.17 0.90 0.00	21.83 0.98 0.00	22.28 0.97 0.00	21.92 1.00 0.00	22.46 1.09 0.00	22.63 1.20 0.00	22.93 1.27 0.00	25.69 1.46 0.00	28.99 1.75 0.00	39.15 2.28 0.00	39.89 2.07 0.00	26.24 1.46 0.00	22.92 1.18 0.00	23.35 1.01 0.00	22.43 0.76 0.00
POLETTI___ 23519	36.18 1.46 0.00	26.67 1.03 0.00	25.11 0.82 0.00	22.55 0.71 0.00	22.38 0.69 0.00	23.62 0.68 0.00	24.86 0.78 0.00	24.78 0.75 0.00	21.70 0.88 0.00	22.33 1.05 0.00	22.03 1.17 0.00	22.44 1.13 0.00	22.12 1.20 0.00	22.64 1.27 0.00	22.82 1.40 0.00	23.14 1.48 0.00	25.86 1.63 0.00	29.14 1.90 0.00	39.25 2.38 0.00	39.89 2.07 0.00	26.30 1.53 0.00	22.99 1.25 0.00	23.41 1.07 0.00	22.46 0.79 0.00
POMONA___ESR 323819	36.02 1.30 0.00	26.54 0.89 0.00	24.98 0.69 0.00	22.41 0.57 0.00	22.25 0.56 0.00	23.51 0.58 0.00	24.72 0.64 0.00	24.63 0.60 0.00	21.54 0.72 0.00	22.17 0.90 0.00	21.85 1.00 0.00	22.28 0.97 0.00	21.93 1.01 0.00	22.47 1.09 0.00	22.65 1.23 0.00	22.96 1.30 0.00	25.70 1.48 0.00	28.98 1.74 0.00	39.07 2.20 0.00	39.77 1.95 0.00	26.17 1.40 0.00	22.86 1.12 0.00	23.29 0.95 0.00	22.35 0.68 0.00
PORT_JEFF_3 23555	36.36 1.63 0.00	26.98 1.33 0.00	45.45 1.16 -20.01	62.72 0.97 -39.91	37.73 0.90 -15.15	38.01 0.91 -14.16	31.45 0.99 -6.38	26.02 0.95 -1.04	26.58 1.08 -4.69	36.93 1.28 -14.37	26.92 1.43 -4.64	26.99 1.40 -4.29	30.46 1.42 -8.13	34.80 1.52 -11.90	51.32 1.67 -28.23	37.33 1.82 -13.85	75.31 2.09 -48.99	50.24 2.54 -20.46	62.99 3.23 -22.89	40.65 2.83 0.00	26.77 2.00 -0.36	23.69 1.60 -2.57	26.38 1.46 -2.57	22.74 1.07 0.00

PORT_JEFF_4 23616	36.36 1.63 0.00	26.98 1.33 0.00	45.45 1.16 -20.01	62.72 0.97 -39.91	37.73 0.90 -15.15	38.01 0.91 -14.16	31.45 0.99 -6.38	26.02 0.95 -1.04	26.58 1.08 -4.69	36.93 1.28 -14.37	26.92 1.43 -4.64	26.99 1.40 -4.29	30.46 1.42 -8.13	34.80 1.52 -11.90	51.32 1.67 -28.23	37.33 1.82 -13.85	75.31 2.09 -48.99	50.24 2.54 -20.46	62.99 3.23 -22.89	40.65 2.83 0.00	26.77 2.00 0.00	23.69 1.60 -0.36	26.38 1.46 -2.57	22.74 1.07 0.00
PORT_JEFF_IC 23713	36.38 1.66 0.00	27.00 1.35 0.00	45.47 1.17 -20.01	62.73 0.98 -39.91	37.74 0.91 -15.15	38.01 0.92 -14.16	31.46 1.00 -6.38	26.02 0.96 -1.04	26.60 1.10 -4.69	36.96 1.31 -14.37	26.95 1.45 -4.64	27.02 1.42 -4.29	30.49 1.45 -8.13	34.83 1.55 -11.90	51.36 1.70 -28.23	37.37 1.86 -13.85	75.36 2.14 -48.99	50.30 2.60 -20.46	63.07 3.32 -22.89	40.72 2.91 0.00	26.81 2.04 0.00	23.72 1.63 -0.35	26.40 1.48 -2.57	22.75 1.08 0.00
PPL_PILGRIM_ST_GT1 24216	36.59 1.87 0.00	27.16 1.52 0.00	45.61 1.32 -20.01	62.84 1.10 -39.91	37.86 1.03 -15.15	38.16 1.06 -14.16	31.61 1.15 -6.38	26.19 1.13 -1.04	26.73 1.24 -4.69	37.09 1.44 -14.37	27.04 1.54 -4.64	27.13 1.53 -4.29	30.61 1.56 -8.13	34.96 1.68 -11.90	51.47 1.81 -28.23	37.45 1.94 -13.85	75.43 2.21 -48.99	50.34 2.64 -20.46	63.13 3.37 -22.89	40.75 2.94 0.00	26.90 2.12 0.00	23.84 1.75 -0.36	26.52 1.61 -2.57	22.88 1.21 0.00
PPL_PILGRIM_ST_GT2 24217	36.59 1.87 0.00	27.16 1.52 0.00	45.61 1.32 -20.01	62.84 1.10 -39.91	37.86 1.03 -15.15	38.16 1.06 -14.16	31.61 1.15 -6.38	26.19 1.13 -1.04	26.73 1.24 -4.69	37.09 1.44 -14.37	27.04 1.54 -4.64	27.13 1.53 -4.29	30.61 1.56 -8.13	34.96 1.68 -11.90	51.47 1.81 -28.23	37.45 1.94 -13.85	75.43 2.21 -48.99	50.34 2.64 -20.46	63.13 3.37 -22.89	40.75 2.94 0.00	26.90 2.12 0.00	23.84 1.75 -0.36	26.52 1.61 -2.57	22.88 1.21 0.00
PPL_SHRM_GT3 24213	36.01 1.28 0.00	26.70 1.06 0.00	45.21 0.91 -20.01	62.56 0.81 -39.91	37.58 0.74 -15.15	37.81 0.71 -14.16	31.22 0.76 -6.38	25.72 0.66 -1.04	26.34 0.85 -4.69	36.73 1.08 -14.37	26.77 1.27 -4.64	26.81 1.21 -4.29	30.25 1.21 -8.13	34.58 1.30 -11.90	51.13 1.47 -28.23	37.18 1.67 -13.85	75.16 1.95 -48.99	50.14 2.44 -20.46	62.93 3.17 -22.89	40.48 2.67 0.00	26.65 1.87 0.00	23.53 1.43 -0.36	26.17 1.25 -2.57	22.50 0.83 0.00
PPL_SHRM_GT4 24214	36.01 1.28 0.00	26.70 1.06 0.00	45.21 0.91 -20.01	62.56 0.81 -39.91	37.58 0.74 -15.15	37.81 0.71 -14.16	31.22 0.76 -6.38	25.72 0.66 -1.04	26.34 0.85 -4.69	36.73 1.08 -14.37	26.77 1.27 -4.64	26.81 1.21 -4.29	30.25 1.21 -8.13	34.58 1.30 -11.90	51.13 1.47 -28.23	37.18 1.67 -13.85	75.16 1.95 -48.99	50.14 2.44 -20.46	62.93 3.17 -22.89	40.48 2.67 0.00	26.65 1.87 0.00	23.53 1.43 -0.36	26.17 1.25 -2.57	22.50 0.83 0.00
PROJECT___ORANGE 1 24174	34.17 -0.55 0.00	25.20 -0.44 0.00	23.89 -0.40 0.00	21.47 -0.37 0.00	21.32 -0.37 0.00	22.57 -0.36 0.00	23.71 -0.37 0.00	23.67 -0.35 0.00	20.55 -0.27 0.00	21.00 -0.27 0.00	20.57 -0.28 0.00	20.97 -0.34 0.00	20.54 -0.37 0.00	20.99 -0.38 0.00	21.02 -0.41 0.00	21.24 -0.42 0.00	23.79 -0.44 0.00	26.77 -0.47 0.00	36.12 -0.62 0.12	37.18 -0.55 0.08	24.42 -0.36 0.00	21.41 -0.33 0.00	22.00 -0.34 0.00	21.44 -0.24 0.00
PROJECT___ORANGE 2 24166	34.17 -0.55 0.00	25.20 -0.44 0.00	23.89 -0.40 0.00	21.47 -0.37 0.00	21.32 -0.37 0.00	22.57 -0.36 0.00	23.71 -0.37 0.00	23.67 -0.35 0.00	20.55 -0.27 0.00	21.00 -0.27 0.00	20.57 -0.28 0.00	20.97 -0.34 0.00	20.54 -0.37 0.00	20.99 -0.38 0.00	21.02 -0.41 0.00	21.24 -0.42 0.00	23.79 -0.44 0.00	26.77 -0.47 0.00	36.12 -0.62 0.12	37.18 -0.55 0.08	24.42 -0.36 0.00	21.41 -0.33 0.00	22.00 -0.34 0.00	21.44 -0.24 0.00
PUCKETT___SOLAR 323809	34.50 -0.23 0.00	25.31 -0.34 0.00	24.14 -0.15 0.00	21.62 -0.22 0.00	21.49 -0.19 0.00	22.80 -0.14 0.00	23.92 -0.16 0.00	23.89 -0.14 0.00	20.78 -0.03 0.00	21.33 0.06 0.00	20.84 -0.01 0.00	21.14 -0.17 0.00	20.61 -0.30 0.00	21.02 -0.35 0.00	21.03 -0.39 0.00	21.27 -0.39 0.00	23.96 -0.27 0.00	27.09 -0.15 0.00	36.81 0.01 0.07	38.00 0.23 0.05	24.81 0.03 0.00	21.76 0.02 0.00	22.33 -0.01 0.00	21.68 0.01 0.00
PYRITES___HYD 24023	35.87 1.14 0.00	26.52 0.88 0.00	25.14 0.85 0.00	22.60 0.76 0.00	22.40 0.72 0.00	23.71 0.78 0.00	24.94 0.86 0.00	24.88 0.86 0.00	21.19 0.38 0.00	21.46 0.18 0.00	20.98 0.13 0.00	21.52 0.22 0.00	21.30 0.38 0.00	21.59 0.22 0.00	21.52 0.10 0.00	21.70 0.04 0.00	24.28 0.06 0.00	27.37 0.13 0.00	37.47 0.61 0.00	39.04 1.23 0.00	25.44 0.66 0.00	22.22 0.48 0.00	22.88 0.54 0.00	22.20 0.52 0.00
QUAKERRD_115KV_BK1 80622	25.41 -2.04 7.27	20.21 -1.53 3.91	22.89 -1.40 0.00	20.24 -1.25 0.34	20.42 -1.26 0.00	21.66 -1.28 0.00	22.79 -1.30 0.00	22.81 -1.22 0.00	19.81 -1.00 0.00	20.20 -1.07 0.00	19.69 -1.17 0.00	20.01 -1.30 0.00	19.58 -1.34 0.00	20.05 -1.32 0.00	20.03 -1.40 0.00	20.28 -1.38 0.00	22.76 -1.47 0.00	25.56 -1.68 0.00	34.31 -2.26 0.29	35.50 -2.12 0.20	22.82 -1.35 0.61	20.56 -1.18 0.00	21.23 -1.12 0.00	20.75 -0.93 0.00
QUENSBRY_115KV_TB8 356137	37.40 2.68 0.00	27.53 1.89 0.00	26.05 1.76 0.00	23.36 1.53 0.00	23.22 1.54 0.00	24.60 1.66 0.00	25.81 1.73 0.00	25.77 1.75 0.00	22.22 1.40 0.00	22.61 1.34 0.00	22.03 1.18 0.00	22.63 1.33 0.00	22.09 1.18 0.00	22.75 1.37 0.00	22.71 1.28 0.00	22.92 1.26 0.00	25.84 1.62 0.00	29.22 1.98 0.00	39.72 2.85 0.00	40.78 2.96 0.00	26.85 2.08 0.00	23.58 1.84 0.00	24.08 1.73 0.00	23.10 1.43 0.00
RAMAPO___LBMP 323565	35.88 1.16 0.00	26.43 0.79 0.00	24.89 0.60 0.00	22.33 0.49 0.00	22.17 0.48 0.00	23.43 0.49 0.00	24.63 0.55 0.00	24.54 0.51 0.00	21.45 0.64 0.00	22.08 0.81 0.00	21.76 0.90 0.00	22.18 0.88 0.00	21.82 0.91 0.00	22.36 0.98 0.00	22.54 1.11 0.00	22.85 1.19 0.00	25.57 1.34 0.00	28.82 1.58 0.00	38.87 2.00 0.00	39.58 1.77 0.00	26.05 1.27 0.00	22.76 1.02 0.00	23.19 0.85 0.00	22.27 0.59 0.00
RANKINE____ 23646	19.10 -2.70 12.92	16.69 -2.02 6.94	22.48 -1.81 0.00	19.62 -1.61 0.61	20.06 -1.63 0.00	21.33 -1.60 0.00	22.51 -1.57 0.00	22.62 -1.41 0.00	19.72 -1.09 0.00	20.03 -1.25 0.00	19.40 -1.46 0.00	19.61 -1.70 0.00	19.30 -1.62 0.00	19.70 -1.67 0.00	19.65 -1.77 0.00	19.96 -1.70 0.00	22.46 -1.77 0.00	25.08 -2.16 0.00	33.60 -3.01 0.26	34.92 -2.72 0.17	21.99 -1.70 1.09	20.32 -1.43 0.00	21.14 -1.21 0.00	20.70 -0.98 0.00
RAVENSWOOD_GT2_1 24244	36.28 1.56 0.00	26.74 1.10 0.00	25.17 0.88 0.00	22.60 0.77 0.00	22.43 0.75 0.00	23.67 0.74 0.00	24.91 0.83 0.00	24.83 0.80 0.00	21.74 0.93 0.00	22.37 1.09 0.00	22.06 1.21 0.00	22.47 1.16 0.00	22.14 1.22 0.00	22.68 1.30 0.00	22.85 1.43 0.00	23.17 1.51 0.00	25.89 1.67 0.00	29.18 1.94 0.00	39.32 2.45 0.00	39.97 2.16 0.00	26.35 1.57 0.00	23.03 1.29 0.00	23.46 1.11 0.00	22.51 0.83 0.00

RAVENSWOOD_GT2_2 24245	36.28 1.56 0.00	26.74 1.10 0.00	25.17 0.88 0.00	22.60 0.77 0.00	22.43 0.75 0.00	23.67 0.74 0.00	24.91 0.83 0.00	24.83 0.80 0.00	21.74 0.93 0.00	22.37 1.09 0.00	22.06 1.21 0.00	22.47 1.16 0.00	22.14 1.22 0.00	22.68 1.30 0.00	22.85 1.43 0.00	23.17 1.51 0.00	25.89 1.67 0.00	29.18 1.94 0.00	39.32 2.45 0.00	39.97 2.16 0.00	26.35 1.57 0.00	23.03 1.29 0.00	23.46 1.11 0.00	22.51 0.83 0.00
RAVENSWOOD_GT2_3 24246	36.29 1.57 0.00	26.76 1.11 0.00	25.19 0.90 0.00	22.61 0.78 0.00	22.44 0.76 0.00	23.69 0.75 0.00	24.93 0.85 0.00	24.85 0.82 0.00	21.75 0.93 0.00	22.38 1.11 0.00	22.07 1.22 0.00	22.48 1.17 0.00	22.15 1.23 0.00	22.68 1.31 0.00	22.86 1.44 0.00	23.18 1.52 0.00	25.90 1.68 0.00	29.20 1.96 0.00	39.34 2.48 0.00	39.99 2.17 0.00	26.36 1.58 0.00	23.04 1.30 0.00	23.47 1.13 0.00	22.52 0.85 0.00
RAVENSWOOD_GT2_4 24247	36.29 1.57 0.00	26.76 1.11 0.00	25.19 0.90 0.00	22.61 0.78 0.00	22.44 0.76 0.00	23.69 0.75 0.00	24.93 0.85 0.00	24.85 0.82 0.00	21.75 0.93 0.00	22.38 1.11 0.00	22.07 1.22 0.00	22.48 1.17 0.00	22.15 1.23 0.00	22.68 1.31 0.00	22.86 1.44 0.00	23.18 1.52 0.00	25.90 1.68 0.00	29.20 1.96 0.00	39.34 2.48 0.00	39.99 2.17 0.00	26.36 1.58 0.00	23.04 1.30 0.00	23.47 1.13 0.00	22.52 0.85 0.00
RAVENSWOOD_GT3_1 24248	36.28 1.56 0.00	26.74 1.10 0.00	25.17 0.88 0.00	22.60 0.77 0.00	22.43 0.75 0.00	23.68 0.74 0.00	24.91 0.83 0.00	24.83 0.80 0.00	21.74 0.93 0.00	22.37 1.09 0.00	22.06 1.21 0.00	22.47 1.16 0.00	22.14 1.22 0.00	22.68 1.30 0.00	22.85 1.43 0.00	23.17 1.51 0.00	25.89 1.67 0.00	29.19 1.95 0.00	39.32 2.45 0.00	39.97 2.16 0.00	26.35 1.57 0.00	23.03 1.29 0.00	23.46 1.11 0.00	22.51 0.83 0.00
RAVENSWOOD_GT3_2 24249	36.28 1.56 0.00	26.74 1.10 0.00	25.17 0.88 0.00	22.60 0.77 0.00	22.43 0.75 0.00	23.68 0.74 0.00	24.91 0.83 0.00	24.83 0.80 0.00	21.74 0.93 0.00	22.37 1.09 0.00	22.06 1.21 0.00	22.47 1.16 0.00	22.14 1.22 0.00	22.68 1.30 0.00	22.85 1.43 0.00	23.17 1.51 0.00	25.89 1.67 0.00	29.19 1.95 0.00	39.32 2.45 0.00	39.97 2.16 0.00	26.35 1.57 0.00	23.03 1.29 0.00	23.46 1.11 0.00	22.51 0.83 0.00
RAVENSWOOD_GT3_3 24250	36.34 1.61 0.00	26.79 1.14 0.00	25.21 0.92 0.00	22.64 0.80 0.00	22.47 0.78 0.00	23.71 0.78 0.00	24.95 0.87 0.00	24.87 0.85 0.00	21.77 0.96 0.00	22.40 1.13 0.00	22.09 1.24 0.00	22.51 1.20 0.00	22.18 1.26 0.00	22.71 1.34 0.00	22.89 1.46 0.00	23.21 1.55 0.00	25.94 1.72 0.00	29.23 2.00 0.00	39.39 2.52 0.00	40.04 2.22 0.00	26.40 1.62 0.00	23.07 1.33 0.00	23.50 1.16 0.00	22.54 0.87 0.00
RAVENSWOOD_GT3_4 24251	36.34 1.61 0.00	26.79 1.14 0.00	25.21 0.92 0.00	22.64 0.80 0.00	22.47 0.78 0.00	23.71 0.78 0.00	24.95 0.87 0.00	24.87 0.85 0.00	21.77 0.96 0.00	22.40 1.13 0.00	22.09 1.24 0.00	22.51 1.20 0.00	22.18 1.26 0.00	22.71 1.34 0.00	22.89 1.46 0.00	23.21 1.55 0.00	25.94 1.72 0.00	29.23 2.00 0.00	39.39 2.52 0.00	40.04 2.22 0.00	26.40 1.62 0.00	23.07 1.33 0.00	23.50 1.16 0.00	22.54 0.87 0.00
RAVENSWOOD_GT_1 23729	37.24 1.68 -0.83	29.45 1.20 -2.61	28.22 0.97 -2.96	26.11 0.85 -3.41	25.94 0.84 -3.42	26.64 0.81 -2.89	25.72 0.90 -0.73	27.84 0.87 -2.95	25.41 1.02 -3.57	25.91 1.18 -3.45	28.48 1.30 -6.33	27.04 1.26 -4.47	26.86 1.32 -4.62	26.46 1.40 -3.69	26.66 1.52 -3.71	26.81 1.60 -3.55	28.69 1.75 -2.71	33.30 2.05 -4.01	39.78 2.60 -0.31	40.47 2.28 -0.37	29.21 1.68 -2.75	28.47 1.38 -5.34	26.88 1.18 -3.36	26.04 0.91 -3.46
RAVENSWOOD_GT_10 24258	36.37 1.56 -0.09	27.04 1.10 -0.30	25.51 0.88 -0.34	22.99 0.76 -0.39	22.82 0.75 -0.39	24.01 0.74 -0.33	25.00 0.83 -0.08	25.17 0.80 -0.34	22.15 0.92 -0.41	22.76 1.09 -0.40	22.79 1.21 -0.73	22.91 1.16 -0.45	22.56 1.22 -0.42	23.09 1.30 -0.42	23.25 1.42 -0.40	23.58 1.51 -0.41	26.21 1.67 -0.31	29.52 1.94 -0.34	39.35 2.45 -0.04	40.01 2.16 -0.04	26.67 1.57 -0.32	23.58 1.29 -0.55	23.84 1.11 -0.39	22.90 0.83 -0.40
RAVENSWOOD_GT_11 24259	36.37 1.56 -0.09	27.04 1.10 -0.30	25.51 0.88 -0.34	22.99 0.76 -0.39	22.82 0.75 -0.39	24.01 0.74 -0.33	25.00 0.83 -0.08	25.17 0.80 -0.34	22.15 0.92 -0.41	22.76 1.09 -0.40	22.79 1.21 -0.73	22.91 1.16 -0.45	22.56 1.22 -0.42	23.09 1.30 -0.42	23.25 1.42 -0.40	23.58 1.51 -0.41	26.21 1.67 -0.31	29.52 1.94 -0.34	39.35 2.45 -0.04	40.01 2.16 -0.04	26.67 1.57 -0.32	23.58 1.29 -0.55	23.84 1.11 -0.39	22.90 0.83 -0.40
RAVENSWOOD_GT_4 24252	36.89 1.54 -0.63	28.71 1.09 -1.99	27.42 0.87 -2.26	25.18 0.75 -2.60	25.02 0.73 -2.60	25.87 0.74 -2.20	25.47 0.83 -0.55	27.07 0.80 -2.25	24.45 0.91 -2.72	24.99 1.08 -2.63	26.87 1.20 -4.82	25.40 1.15 -2.94	24.91 1.21 -2.79	25.42 1.29 -2.76	25.50 1.42 -2.66	25.86 1.49 -2.70	27.95 1.66 -2.07	31.40 1.94 -2.23	39.54 2.44 -0.24	40.24 2.14 -0.28	28.43 1.56 -2.09	26.68 1.28 -3.65	26.02 1.11 -2.56	25.13 0.83 -2.63
RAVENSWOOD_GT_5 24254	36.89 1.54 -0.63	28.71 1.09 -1.99	27.42 0.87 -2.26	25.18 0.75 -2.60	25.02 0.73 -2.60	25.87 0.74 -2.20	25.47 0.83 -0.55	27.07 0.80 -2.25	24.45 0.91 -2.72	24.99 1.08 -2.63	26.87 1.20 -4.82	25.40 1.15 -2.94	24.91 1.21 -2.79	25.42 1.29 -2.76	25.50 1.42 -2.66	25.86 1.49 -2.70	27.95 1.66 -2.07	31.40 1.94 -2.23	39.54 2.44 -0.24	40.24 2.14 -0.28	28.43 1.56 -2.09	26.68 1.28 -3.65	26.02 1.11 -2.56	25.13 0.83 -2.63
RAVENSWOOD_GT_6 24253	36.89 1.54 -0.63	28.71 1.09 -1.99	27.42 0.87 -2.26	25.18 0.75 -2.60	25.02 0.73 -2.60	25.87 0.74 -2.20	25.47 0.83 -0.55	27.07 0.80 -2.25	24.45 0.91 -2.72	24.99 1.08 -2.63	26.87 1.20 -4.82	25.40 1.15 -2.94	24.91 1.21 -2.79	25.42 1.29 -2.76	25.50 1.42 -2.66	25.86 1.49 -2.70	27.95 1.66 -2.07	31.40 1.94 -2.23	39.54 2.44 -0.24	40.24 2.14 -0.28	28.43 1.56 -2.09	26.68 1.28 -3.65	26.02 1.11 -2.56	25.13 0.83 -2.63
RAVENSWOOD_GT_7 24255	36.89 1.54 -0.63	28.71 1.09 -1.99	27.42 0.87 -2.26	25.18 0.75 -2.60	25.02 0.73 -2.60	25.87 0.74 -2.20	25.47 0.83 -0.55	27.07 0.80 -2.25	24.45 0.91 -2.72	24.99 1.08 -2.63	26.87 1.20 -4.82	25.40 1.15 -2.94	24.91 1.21 -2.79	25.42 1.29 -2.76	25.50 1.42 -2.66	25.86 1.49 -2.70	27.95 1.66 -2.07	31.40 1.94 -2.23	39.54 2.44 -0.24	40.24 2.14 -0.28	28.43 1.56 -2.09	26.68 1.28 -3.65	26.02 1.11 -2.56	25.13 0.83 -2.63
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	36.37 1.56 -0.09	27.04 1.10 -0.30	25.51 0.88 -0.34	22.99 0.76 -0.39	22.82 0.75 -0.39	24.01 0.74 -0.33	25.00 0.83 -0.08	25.17 0.80 -0.34	22.15 0.92 -0.41	22.76 1.09 -0.40	22.79 1.21 -0.73	22.91 1.16 -0.45	22.56 1.22 -0.42	23.09 1.30 -0.42	23.25 1.42 -0.40	23.58 1.51 -0.41	26.21 1.67 -0.31	29.52 1.94 -0.34	39.35 2.45 -0.04	40.01 2.16 -0.04	26.67 1.57 -0.32	23.58 1.29 -0.55	23.84 1.11 -0.39	22.90 0.83 -0.40

RAVENSWOOD_GT_9 24257	36.37 1.56 -0.09	27.04 1.10 -0.30	25.51 0.88 -0.34	22.99 0.76 -0.39	22.82 0.75 -0.39	24.01 0.74 -0.33	25.00 0.83 -0.08	25.17 0.80 -0.34	22.15 0.92 -0.41	22.76 1.09 -0.40	22.79 1.21 -0.73	22.91 1.16 -0.45	22.56 1.22 -0.42	23.09 1.30 -0.42	23.25 1.42 -0.40	23.58 1.51 -0.41	26.21 1.67 -0.31	29.52 1.94 -0.34	39.35 2.45 -0.04	40.01 2.16 -0.04	26.67 1.57 -0.32	23.58 1.29 -0.55	23.84 1.11 -0.39	22.90 0.83 -0.40
RAVENSWOOD___1 23533	35.54 1.63 0.82	24.24 1.16 2.57	22.30 0.93 2.92	19.31 0.83 3.36	19.13 0.80 3.36	20.86 0.78 2.85	24.23 0.87 0.72	21.95 0.83 2.91	18.28 0.99 3.52	19.03 1.16 3.40	15.90 1.27 6.23	18.73 1.23 3.80	18.61 1.29 3.60	19.16 1.36 3.57	19.48 1.49 3.44	19.74 1.56 3.49	23.26 1.71 2.67	26.36 2.00 2.88	39.11 2.56 0.31	39.69 2.24 0.36	23.71 1.64 2.71	18.37 1.35 4.73	20.18 1.15 3.31	19.15 0.88 3.40
RAVENSWOOD___2 23534	35.54 1.63 0.82	24.24 1.16 2.57	22.30 0.93 2.92	19.31 0.83 3.36	19.13 0.80 3.36	20.86 0.78 2.85	24.23 0.87 0.72	21.95 0.83 2.91	18.28 0.99 3.52	19.03 1.16 3.40	15.90 1.27 6.23	18.73 1.23 3.80	18.61 1.29 3.60	19.16 1.36 3.57	19.48 1.49 3.44	19.74 1.56 3.49	23.26 1.71 2.67	26.36 2.00 2.88	39.11 2.56 0.31	39.69 2.24 0.36	23.71 1.64 2.71	18.37 1.35 4.73	20.18 1.15 3.31	19.15 0.88 3.40
RAVENSWOOD___3 23535	36.27 1.55 0.00	26.75 1.10 0.00	25.17 0.88 0.00	22.60 0.77 0.00	22.43 0.75 0.00	23.68 0.74 0.00	24.91 0.83 0.00	24.83 0.80 0.00	21.74 0.92 0.00	22.37 1.09 0.00	22.06 1.20 0.00	22.47 1.16 0.00	22.14 1.22 0.00	22.68 1.30 0.00	22.85 1.42 0.00	23.17 1.51 0.00	25.89 1.66 0.00	29.18 1.94 0.00	39.32 2.45 0.00	39.97 2.15 0.00	26.35 1.58 0.00	23.04 1.29 0.00	23.46 1.11 0.00	22.51 0.84 0.00
RAVENSWOOD___4 23820	35.54 1.63 0.82	24.24 1.16 2.57	22.30 0.93 2.92	19.31 0.83 3.36	19.13 0.80 3.36	20.86 0.78 2.85	24.23 0.87 0.72	21.95 0.83 2.91	18.28 0.99 3.52	19.03 1.16 3.40	15.90 1.27 6.23	18.73 1.23 3.80	18.61 1.29 3.60	19.16 1.36 3.57	19.48 1.49 3.44	19.74 1.56 3.49	23.26 1.71 2.67	26.36 2.00 2.88	39.11 2.56 0.31	39.69 2.24 0.36	23.71 1.64 2.71	18.37 1.35 4.73	20.18 1.15 3.31	19.15 0.88 3.40
RCPL_TRUST___DRP 24196	36.22 1.50 0.00	26.70 1.05 0.00	25.13 0.84 0.00	22.56 0.72 0.00	22.39 0.71 0.00	23.64 0.70 0.00	24.87 0.79 0.00	24.80 0.77 0.00	21.71 0.89 0.00	22.35 1.07 0.00	22.04 1.19 0.00	22.46 1.15 0.00	22.13 1.21 0.00	22.67 1.30 0.00	22.83 1.41 0.00	23.14 1.48 0.00	25.89 1.66 0.00	29.18 1.94 0.00	39.31 2.45 0.00	39.95 2.13 0.00	26.33 1.55 0.00	23.01 1.27 0.00	23.45 1.10 0.00	22.50 0.82 0.00
RED___ROCHESTER 323720	25.77 -1.42 7.53	20.51 -1.09 4.05	23.32 -0.96 0.00	20.61 -0.87 0.36	20.79 -0.89 0.00	22.07 -0.87 0.00	23.22 -0.86 0.00	23.25 -0.77 0.00	20.20 -0.61 0.00	20.58 -0.69 0.00	20.04 -0.82 0.00	20.35 -0.96 0.00	19.92 -0.99 0.00	20.41 -0.96 0.00	20.38 -1.05 0.00	20.65 -1.02 0.00	23.20 -1.02 0.00	26.04 -1.20 0.00	34.97 -1.60 0.30	36.22 -1.40 0.20	23.28 -0.86 0.63	21.00 -0.74 0.00	21.69 -0.65 0.00	21.20 -0.47 0.00
REGAN___SOLAR 323812	36.79 2.07 0.00	27.12 1.47 0.00	25.60 1.31 0.00	22.99 1.16 0.00	22.82 1.13 0.00	24.15 1.21 0.00	25.37 1.29 0.00	25.15 1.12 0.00	21.22 0.41 0.00	21.52 0.25 0.00	21.18 0.33 0.00	21.74 0.43 0.00	21.18 0.26 0.00	21.81 0.43 0.00	21.74 0.31 0.00	22.04 0.38 0.00	24.77 0.55 0.00	27.78 0.54 0.00	38.56 1.70 0.00	40.16 2.34 0.00	26.37 1.59 0.00	23.05 1.31 0.00	23.61 1.27 0.00	22.89 1.21 0.00
RENSSELAER___COGEN 23796	35.00 0.28 0.00	25.89 0.25 0.00	24.63 0.34 0.00	22.13 0.29 0.00	22.00 0.31 0.00	23.26 0.33 0.00	24.36 0.28 0.00	24.26 0.23 0.00	20.93 0.12 0.00	21.39 0.12 0.00	21.03 0.18 0.00	21.50 0.19 0.00	21.11 0.19 0.00	21.63 0.25 0.00	21.72 0.30 0.00	21.98 0.32 0.00	24.56 0.34 0.00	27.70 0.46 0.00	37.43 0.56 0.00	38.31 0.50 0.00	25.25 0.47 0.00	22.16 0.42 0.00	22.62 0.27 0.00	21.80 0.13 0.00
REPUBLIC_115KV_BARTNBRK 55605	38.83 4.11 0.00	28.52 2.88 0.00	26.88 2.59 0.00	24.08 2.25 0.00	23.97 2.28 0.00	25.46 2.53 0.00	26.79 2.71 0.00	26.83 2.80 0.00	23.01 2.20 0.00	23.38 2.11 0.00	22.83 1.97 0.00	23.48 2.18 0.00	22.94 2.02 0.00	23.58 2.20 0.00	23.53 2.10 0.00	23.73 2.07 0.00	26.88 2.65 0.00	30.43 3.19 0.00	40.93 4.07 0.00	42.30 4.48 0.00	27.68 2.90 0.00	24.45 2.71 0.00	24.99 2.65 0.00	23.84 2.16 0.00
REVERE_CPPR_DRP 24186	35.65 0.93 0.00	26.27 0.63 0.00	24.86 0.57 0.00	22.31 0.47 0.00	22.11 0.43 0.00	23.46 0.52 0.00	24.65 0.57 0.00	24.59 0.56 0.00	21.23 0.42 0.00	21.57 0.30 0.00	21.16 0.30 0.00	21.62 0.31 0.00	21.20 0.28 0.00	21.57 0.20 0.00	21.62 0.19 0.00	21.91 0.25 0.00	24.52 0.30 0.00	27.78 0.54 0.00	37.90 1.08 0.05	39.15 1.37 0.03	25.60 0.82 0.00	22.42 0.68 0.00	22.98 0.64 0.00	22.26 0.59 0.00
REYNOLDS_115KV_TB3 80639	35.25 0.53 0.00	26.08 0.43 0.00	24.77 0.49 0.00	22.25 0.41 0.00	22.12 0.43 0.00	23.39 0.45 0.00	24.48 0.40 0.00	24.38 0.35 0.00	21.08 0.27 0.00	21.54 0.27 0.00	21.17 0.32 0.00	21.65 0.34 0.00	21.25 0.33 0.00	21.78 0.40 0.00	21.88 0.45 0.00	22.13 0.47 0.00	24.77 0.54 0.00	27.90 0.66 0.00	37.69 0.82 0.00	38.58 0.77 0.00	25.44 0.67 0.00	22.32 0.58 0.00	22.79 0.45 0.00	21.95 0.28 0.00
RIVERBAY____ 323610	36.63 1.91 0.00	27.06 1.42 0.00	25.43 1.15 0.00	22.85 1.01 0.00	22.62 0.94 0.00	23.85 0.92 0.00	25.09 1.02 0.00	24.95 0.92 0.00	21.82 1.00 0.00	22.41 1.14 0.00	22.08 1.23 0.00	22.47 1.16 0.00	22.17 1.25 0.00	22.69 1.31 0.00	22.85 1.42 0.00	23.21 1.54 0.00	25.92 1.69 0.00	29.22 1.98 0.00	39.39 2.52 0.00	40.01 2.20 0.00	26.40 1.62 0.00	23.05 1.30 0.00	23.44 1.10 0.00	22.51 0.83 0.00
RIVERSDE_115KV_TB3 55908	35.16 0.43 0.00	26.01 0.36 0.00	24.73 0.44 0.00	22.21 0.38 0.00	22.08 0.40 0.00	23.35 0.41 0.00	24.45 0.37 0.00	24.35 0.32 0.00	21.03 0.21 0.00	21.49 0.21 0.00	21.13 0.28 0.00	21.61 0.30 0.00	21.21 0.29 0.00	21.73 0.36 0.00	21.83 0.40 0.00	22.09 0.43 0.00	24.70 0.47 0.00	27.84 0.60 0.00	37.61 0.74 0.00	38.50 0.68 0.00	25.38 0.60 0.00	22.27 0.53 0.00	22.72 0.38 0.00	21.89 0.22 0.00
ROARING___BROOK_WT_PWR 323790	34.74 0.02 0.00	25.66 0.02 0.00	24.34 0.05 0.00	21.85 0.02 0.00	21.66 -0.02 0.00	22.92 -0.02 0.00	24.07 -0.01 0.00	24.05 0.02 0.00	20.79 -0.02 0.00	21.24 -0.03 0.00	20.81 -0.04 0.00	21.29 -0.02 0.00	20.86 -0.05 0.00	21.27 -0.11 0.00	21.31 -0.12 0.00	21.53 -0.14 0.00	24.09 -0.14 0.00	27.12 -0.11 0.00	36.81 -0.06 0.00	37.78 -0.03 0.00	24.70 -0.08 0.00	21.66 -0.08 0.00	22.30 -0.04 0.00	21.64 -0.03 0.00

ROCHESRG_115KV_T4 355643	25.56 -1.75 7.41	20.35 -1.32 3.98	23.12 -1.17 0.00	20.43 -1.05 0.35	20.62 -1.06 0.00	21.88 -1.06 0.00	23.02 -1.06 0.00	23.06 -0.96 0.00	20.04 -0.77 0.00	20.41 -0.86 0.00	19.87 -0.98 0.00	20.18 -1.13 0.00	19.77 -1.15 0.00	20.23 -1.15 0.00	20.20 -1.23 0.00	20.46 -1.21 0.00	22.97 -1.26 0.00	25.76 -1.48 0.00	34.53 -2.02 0.31	35.79 -1.82 0.21	23.03 -1.12 0.62	20.76 -0.98 0.00	21.48 -0.87 0.00	21.01 -0.66 0.00
ROCHESTER_9_IC 23652	25.62 -1.57 7.53	20.40 -1.19 4.05	23.22 -1.07 0.00	20.53 -0.95 0.36	20.71 -0.98 0.00	21.97 -0.96 0.00	23.13 -0.95 0.00	23.16 -0.86 0.00	20.12 -0.69 0.00	20.50 -0.77 0.00	19.96 -0.90 0.00	20.27 -1.04 0.00	19.85 -1.07 0.00	20.32 -1.05 0.00	20.29 -1.14 0.00	20.56 -1.11 0.00	23.08 -1.15 0.00	25.90 -1.34 0.00	34.76 -1.81 0.30	36.01 -1.60 0.20	23.15 -0.99 0.63	20.88 -0.86 0.00	21.58 -0.76 0.00	21.11 -0.56 0.00
ROCKVIEW_13_KV_LD 356306	36.32 1.59 0.00	26.78 1.13 0.00	25.19 0.90 0.00	22.60 0.76 0.00	22.44 0.75 0.00	23.69 0.76 0.00	24.91 0.83 0.00	24.84 0.81 0.00	21.73 0.91 0.00	22.36 1.09 0.00	22.05 1.19 0.00	22.48 1.17 0.00	22.13 1.21 0.00	22.68 1.30 0.00	22.85 1.43 0.00	23.16 1.50 0.00	25.91 1.69 0.00	29.20 1.97 0.00	39.35 2.49 0.00	40.04 2.23 0.00	26.38 1.60 0.00	23.06 1.31 0.00	23.48 1.14 0.00	22.53 0.85 0.00
ROME____115KV_TB2 80656	35.65 0.93 0.00	26.27 0.63 0.00	24.86 0.57 0.00	22.31 0.47 0.00	22.11 0.43 0.00	23.46 0.52 0.00	24.65 0.57 0.00	24.59 0.56 0.00	21.23 0.42 0.00	21.57 0.30 0.00	21.16 0.30 0.00	21.62 0.31 0.00	21.20 0.28 0.00	21.57 0.20 0.00	21.62 0.19 0.00	21.91 0.25 0.00	24.52 0.30 0.00	27.78 0.54 0.00	37.90 1.08 0.05	39.15 1.37 0.03	25.60 0.82 0.00	22.42 0.68 0.00	22.98 0.64 0.00	22.26 0.59 0.00
ROSETON___1 23587	35.80 1.08 0.00	26.39 0.75 0.00	24.88 0.59 0.00	22.34 0.50 0.00	22.19 0.50 0.00	23.44 0.51 0.00	24.63 0.55 0.00	24.54 0.52 0.00	21.43 0.61 0.00	22.02 0.74 0.00	21.69 0.83 0.00	22.12 0.81 0.00	21.75 0.83 0.00	22.28 0.91 0.00	22.45 1.02 0.00	22.75 1.08 0.00	25.45 1.23 0.00	28.70 1.46 0.00	38.71 1.84 0.00	39.46 1.65 0.00	25.98 1.20 0.00	22.71 0.97 0.00	23.16 0.81 0.00	22.25 0.57 0.00
ROSETON___2 23588	35.80 1.08 0.00	26.39 0.75 0.00	24.88 0.59 0.00	22.34 0.50 0.00	22.19 0.50 0.00	23.44 0.51 0.00	24.63 0.55 0.00	24.54 0.52 0.00	21.43 0.61 0.00	22.02 0.74 0.00	21.69 0.83 0.00	22.12 0.81 0.00	21.75 0.83 0.00	22.28 0.91 0.00	22.45 1.02 0.00	22.75 1.08 0.00	25.45 1.23 0.00	28.70 1.46 0.00	38.71 1.84 0.00	39.46 1.65 0.00	25.98 1.20 0.00	22.71 0.97 0.00	23.16 0.81 0.00	22.25 0.57 0.00
ROTRDAM_115KV_TB3 80664	35.50 0.78 0.00	26.20 0.56 0.00	24.79 0.50 0.00	22.27 0.44 0.00	22.12 0.44 0.00	23.39 0.46 0.00	24.54 0.46 0.00	24.45 0.42 0.00	21.17 0.36 0.00	21.63 0.36 0.00	21.22 0.36 0.00	21.71 0.41 0.00	21.30 0.38 0.00	21.80 0.43 0.00	21.87 0.44 0.00	22.13 0.47 0.00	24.81 0.58 0.00	27.94 0.71 0.00	37.87 1.01 0.00	38.84 1.02 0.00	25.53 0.75 0.00	22.37 0.63 0.00	22.88 0.54 0.00	22.10 0.43 0.00
RUSSELL___1 23602	25.78 -1.41 7.53	20.51 -1.09 4.05	23.31 -0.97 0.00	20.61 -0.87 0.36	20.79 -0.89 0.00	22.06 -0.87 0.00	23.22 -0.86 0.00	23.25 -0.78 0.00	20.19 -0.62 0.00	20.58 -0.69 0.00	20.04 -0.81 0.00	20.35 -0.96 0.00	19.92 -0.99 0.00	20.41 -0.96 0.00	20.38 -1.05 0.00	20.65 -1.02 0.00	23.19 -1.04 0.00	26.03 -1.20 0.00	34.96 -1.61 0.30	36.22 -1.39 0.20	23.28 -0.86 0.63	20.99 -0.75 0.00	21.69 -0.65 0.00	21.20 -0.47 0.00
RUSSELL___2 23532	25.78 -1.41 7.53	20.51 -1.09 4.05	23.31 -0.97 0.00	20.61 -0.87 0.36	20.79 -0.89 0.00	22.06 -0.87 0.00	23.22 -0.86 0.00	23.25 -0.78 0.00	20.19 -0.62 0.00	20.58 -0.69 0.00	20.04 -0.81 0.00	20.35 -0.96 0.00	19.92 -0.99 0.00	20.41 -0.96 0.00	20.38 -1.05 0.00	20.65 -1.02 0.00	23.19 -1.04 0.00	26.03 -1.20 0.00	34.96 -1.61 0.30	36.22 -1.39 0.20	23.28 -0.86 0.63	20.99 -0.75 0.00	21.69 -0.65 0.00	21.20 -0.47 0.00
RUSSELL___3 23549	25.78 -1.41 7.53	20.51 -1.09 4.05	23.31 -0.97 0.00	20.61 -0.87 0.36	20.79 -0.89 0.00	22.06 -0.87 0.00	23.22 -0.86 0.00	23.25 -0.78 0.00	20.19 -0.62 0.00	20.58 -0.69 0.00	20.04 -0.81 0.00	20.35 -0.96 0.00	19.92 -0.99 0.00	20.41 -0.96 0.00	20.38 -1.05 0.00	20.65 -1.02 0.00	23.19 -1.04 0.00	26.03 -1.20 0.00	34.96 -1.61 0.30	36.22 -1.39 0.20	23.28 -0.86 0.63	20.99 -0.75 0.00	21.69 -0.65 0.00	21.20 -0.47 0.00
RUSSELL___4 23556	25.78 -1.41 7.53	20.51 -1.09 4.05	23.31 -0.97 0.00	20.61 -0.87 0.36	20.79 -0.89 0.00	22.06 -0.87 0.00	23.22 -0.86 0.00	23.25 -0.78 0.00	20.19 -0.62 0.00	20.58 -0.69 0.00	20.04 -0.81 0.00	20.35 -0.96 0.00	19.92 -0.99 0.00	20.41 -0.96 0.00	20.38 -1.05 0.00	20.65 -1.02 0.00	23.19 -1.04 0.00	26.03 -1.20 0.00	34.96 -1.61 0.30	36.22 -1.39 0.20	23.28 -0.86 0.63	20.99 -0.75 0.00	21.69 -0.65 0.00	21.20 -0.47 0.00
RUSSELL___STATION 23914	25.78 -1.41 7.53	20.51 -1.09 4.05	23.31 -0.97 0.00	20.61 -0.87 0.36	20.79 -0.89 0.00	22.06 -0.87 0.00	23.22 -0.86 0.00	23.25 -0.78 0.00	20.19 -0.62 0.00	20.58 -0.69 0.00	20.04 -0.81 0.00	20.35 -0.96 0.00	19.92 -0.99 0.00	20.41 -0.96 0.00	20.38 -1.05 0.00	20.65 -1.02 0.00	23.19 -1.04 0.00	26.03 -1.20 0.00	34.96 -1.61 0.30	36.22 -1.39 0.20	23.28 -0.86 0.63	20.99 -0.75 0.00	21.69 -0.65 0.00	21.20 -0.47 0.00
S SALMON___HYD 24043	34.45 -0.27 0.00	25.39 -0.25 0.00	24.07 -0.21 0.00	21.59 -0.25 0.00	21.38 -0.31 0.00	22.66 -0.27 0.00	23.78 -0.30 0.00	23.71 -0.31 0.00	20.50 -0.31 0.00	20.89 -0.37 0.00	20.48 -0.38 0.00	20.92 -0.39 0.00	20.45 -0.47 0.00	20.83 -0.55 0.00	20.82 -0.60 0.00	21.01 -0.65 0.00	23.50 -0.72 0.00	26.50 -0.74 0.00	36.33 -0.64 -0.11	37.57 -0.31 -0.07	24.59 -0.19 0.00	21.59 -0.15 0.00	22.16 -0.19 0.00	21.55 -0.12 0.00
S.PERRY___115KV_TB1 80734	18.01 -0.87 15.84	16.38 -0.76 8.51	23.61 -0.68 0.00	20.47 -0.61 0.75	21.06 -0.63 0.00	22.40 -0.54 0.00	23.62 -0.46 0.00	23.66 -0.37 0.00	20.39 -0.43 0.00	20.58 -0.69 0.00	20.00 -0.85 0.00	20.34 -0.97 0.00	19.89 -1.03 0.00	20.33 -1.05 0.00	20.34 -1.09 0.00	20.56 -1.10 0.00	23.17 -1.06 0.00	26.00 -1.24 0.00	35.14 -1.49 0.24	37.08 -0.58 0.16	23.18 -0.27 1.33	21.52 -0.22 0.00	22.19 -0.15 0.00	21.60 -0.07 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	19.82 -2.95 11.95	17.04 -2.18 6.42	22.32 -1.96 0.00	19.54 -1.73 0.57	19.93 -1.76 0.00	21.19 -1.75 0.00	22.35 -1.73 0.00	22.46 -1.57 0.00	19.59 -1.22 0.00	19.88 -1.39 0.00	19.25 -1.60 0.00	19.45 -1.86 0.00	19.14 -1.78 0.00	19.53 -1.84 0.00	19.48 -1.95 0.00	19.78 -1.88 0.00	22.23 -2.00 0.00	24.81 -2.43 0.00	33.17 -3.43 0.27	34.48 -3.16 0.18	21.82 -1.95 1.01	20.10 -1.64 0.00	20.94 -1.41 0.00	20.55 -1.13 0.00

SAWYER___23_KV_LOAD 55526	19.82 -2.95 11.95	17.04 -2.18 6.42	22.32 -1.96 0.00	19.54 -1.73 0.57	19.93 -1.76 0.00	21.19 -1.75 0.00	22.35 -1.73 0.00	22.46 -1.57 0.00	19.59 -1.22 0.00	19.88 -1.39 0.00	19.25 -1.60 0.00	19.45 -1.86 0.00	19.14 -1.78 0.00	19.53 -1.84 0.00	19.48 -1.95 0.00	19.78 -1.88 0.00	22.23 -2.00 0.00	24.81 -2.43 0.00	33.17 -3.43 0.27	34.48 -3.16 0.18	21.82 -1.95 1.01	20.10 -1.64 0.00	20.94 -1.41 0.00	20.55 -1.13 0.00
SELKIRK___I 23801	35.31 0.58 0.00	26.10 0.46 0.00	24.81 0.52 0.00	22.29 0.46 0.00	22.16 0.48 0.00	23.43 0.50 0.00	24.55 0.47 0.00	24.43 0.40 0.00	21.04 0.22 0.00	21.46 0.18 0.00	21.06 0.21 0.00	21.53 0.22 0.00	21.11 0.19 0.00	21.60 0.23 0.00	21.70 0.27 0.00	21.93 0.27 0.00	24.54 0.31 0.00	27.75 0.51 0.00	37.64 0.77 0.00	38.61 0.79 0.00	25.42 0.64 0.00	22.30 0.55 0.00	22.79 0.44 0.00	21.99 0.32 0.00
SELKIRK___II 23799	35.11 0.39 0.00	25.95 0.31 0.00	24.64 0.35 0.00	22.14 0.31 0.00	22.01 0.32 0.00	23.26 0.33 0.00	24.38 0.30 0.00	24.28 0.26 0.00	21.00 0.18 0.00	21.47 0.19 0.00	21.10 0.24 0.00	21.56 0.25 0.00	21.16 0.24 0.00	21.67 0.29 0.00	21.76 0.34 0.00	22.02 0.36 0.00	24.63 0.40 0.00	27.77 0.54 0.00	37.55 0.68 0.00	38.44 0.63 0.00	25.32 0.54 0.00	22.20 0.46 0.00	22.68 0.34 0.00	21.87 0.20 0.00
SENECA OSWGO___HYD 24041	33.98 -0.74 0.00	25.07 -0.57 0.00	23.76 -0.53 0.00	21.35 -0.48 0.00	21.20 -0.49 0.00	22.44 -0.49 0.00	23.57 -0.51 0.00	23.53 -0.50 0.00	20.42 -0.40 0.00	20.86 -0.41 0.00	20.42 -0.43 0.00	20.81 -0.50 0.00	20.39 -0.53 0.00	20.81 -0.56 0.00	20.84 -0.58 0.00	21.06 -0.60 0.00	23.58 -0.65 0.00	26.50 -0.74 0.00	36.13 -0.95 -0.22	37.10 -0.86 -0.14	24.24 -0.54 0.00	21.26 -0.49 0.00	21.84 -0.50 0.00	21.29 -0.38 0.00
SENECA___115KV_TB3 355854	19.15 -2.66 12.92	16.72 -1.98 6.94	22.50 -1.78 0.00	19.65 -1.58 0.61	20.08 -1.60 0.00	21.36 -1.58 0.00	22.54 -1.55 0.00	22.65 -1.38 0.00	19.76 -1.06 0.00	20.05 -1.22 0.00	19.43 -1.43 0.00	19.64 -1.67 0.00	19.32 -1.59 0.00	19.73 -1.65 0.00	19.68 -1.75 0.00	19.99 -1.67 0.00	22.49 -1.74 0.00	25.12 -2.12 0.00	33.65 -2.96 0.26	34.97 -2.68 0.17	22.02 -1.67 1.09	20.34 -1.40 0.00	21.17 -1.18 0.00	20.73 -0.95 0.00
SENECA___ENERGY 23797	26.32 -0.98 7.42	20.87 -0.79 3.99	23.58 -0.71 0.00	20.82 -0.67 0.35	20.99 -0.69 0.00	22.26 -0.68 0.00	23.40 -0.68 0.00	23.38 -0.64 0.00	20.34 -0.48 0.00	20.75 -0.52 0.00	20.27 -0.59 0.00	20.62 -0.69 0.00	20.19 -0.73 0.00	20.64 -0.74 0.00	20.64 -0.78 0.00	20.89 -0.78 0.00	23.43 -0.80 0.00	26.37 -0.87 0.00	35.71 -1.08 0.07	36.87 -0.90 0.05	23.56 -0.60 0.63	21.21 -0.53 0.00	21.81 -0.54 0.00	21.21 -0.47 0.00
SHOEMAKER___GT 23640	35.67 0.94 0.00	26.29 0.65 0.00	24.79 0.50 0.00	22.25 0.42 0.00	22.10 0.41 0.00	23.36 0.42 0.00	24.54 0.46 0.00	24.45 0.43 0.00	21.30 0.49 0.00	21.86 0.59 0.00	21.50 0.65 0.00	21.94 0.63 0.00	21.57 0.65 0.00	22.09 0.72 0.00	22.25 0.82 0.00	22.53 0.87 0.00	25.22 0.99 0.00	28.46 1.22 0.00	38.46 1.59 0.00	39.27 1.45 0.00	25.84 1.06 0.00	22.59 0.84 0.00	23.05 0.70 0.00	22.17 0.49 0.00
SHOEMAKR_138KV_BK 111 55601	35.65 0.93 0.00	26.29 0.64 0.00	24.79 0.50 0.00	22.25 0.41 0.00	22.09 0.40 0.00	23.35 0.41 0.00	24.54 0.45 0.00	24.45 0.42 0.00	21.31 0.50 0.00	21.87 0.60 0.00	21.52 0.67 0.00	21.96 0.65 0.00	21.59 0.67 0.00	22.11 0.74 0.00	22.27 0.84 0.00	22.55 0.89 0.00	25.24 1.02 0.00	28.47 1.24 0.00	38.47 1.60 0.00	39.27 1.46 0.00	25.83 1.05 0.00	22.59 0.84 0.00	23.04 0.70 0.00	22.16 0.49 0.00
SHOREHAM_IC_1 23715	36.01 1.28 0.00	26.70 1.06 0.00	45.21 0.91 -20.01	62.56 0.81 -39.91	37.58 0.74 -15.15	37.81 0.71 -14.16	31.22 0.76 -6.38	25.72 0.66 -1.04	26.34 0.85 -4.69	36.73 1.08 -14.37	26.77 1.27 -4.64	26.81 1.21 -4.29	30.25 1.21 -8.13	34.58 1.30 -11.90	51.13 1.47 -28.23	37.18 1.67 -13.85	75.16 1.95 -48.99	50.14 2.44 -20.46	62.93 3.17 -22.89	40.48 2.67 0.00	26.65 1.87 0.00	23.53 1.43 -0.36	26.17 1.25 -2.57	22.50 0.83 0.00
SHOREHAM_IC_2 23716	36.01 1.28 0.00	26.70 1.06 0.00	45.21 0.91 -20.01	62.56 0.81 -39.91	37.58 0.74 -15.15	37.81 0.71 -14.16	31.22 0.76 -6.38	25.72 0.66 -1.04	26.34 0.85 -4.69	36.73 1.08 -14.37	26.77 1.27 -4.64	26.81 1.21 -4.29	30.25 1.21 -8.13	34.58 1.30 -11.90	51.13 1.47 -28.23	37.18 1.67 -13.85	75.16 1.95 -48.99	50.14 2.44 -20.46	62.93 3.17 -22.89	40.48 2.67 0.00	26.65 1.87 0.00	23.53 1.43 -0.36	26.17 1.25 -2.57	22.50 0.83 0.00
SISSONVILLE____ 23735	35.29 0.56 0.00	26.10 0.45 0.00	24.73 0.44 0.00	22.22 0.38 0.00	22.01 0.33 0.00	23.31 0.37 0.00	24.50 0.42 0.00	24.46 0.44 0.00	20.95 0.14 0.00	21.27 0.00 0.00	20.81 -0.04 0.00	21.36 0.06 0.00	21.07 0.15 0.00	21.34 -0.04 0.00	21.31 -0.12 0.00	21.49 -0.17 0.00	24.06 -0.17 0.00	27.12 -0.12 0.00	37.08 0.22 0.00	38.43 0.61 0.00	25.01 0.23 0.00	21.87 0.12 0.00	22.52 0.17 0.00	21.86 0.18 0.00
SITHE_IND_GS1 24169	33.67 -1.05 0.00	24.87 -0.78 0.00	23.57 -0.72 0.00	21.19 -0.64 0.00	21.04 -0.65 0.00	22.26 -0.67 0.00	23.38 -0.70 0.00	23.34 -0.69 0.00	20.25 -0.56 0.00	20.69 -0.58 0.00	20.26 -0.59 0.00	20.67 -0.64 0.00	20.25 -0.66 0.00	20.68 -0.69 0.00	20.69 -0.74 0.00	20.90 -0.77 0.00	23.35 -0.88 0.00	26.25 -0.99 0.00	33.46 -1.35 2.05	35.12 -1.32 1.37	23.93 -0.85 0.00	20.99 -0.75 0.00	21.60 -0.74 0.00	21.11 -0.57 0.00
SITHE_IND_GS2 24170	33.67 -1.05 0.00	24.87 -0.78 0.00	23.57 -0.72 0.00	21.19 -0.64 0.00	21.04 -0.65 0.00	22.26 -0.67 0.00	23.38 -0.70 0.00	23.34 -0.69 0.00	20.25 -0.56 0.00	20.69 -0.58 0.00	20.26 -0.59 0.00	20.67 -0.64 0.00	20.25 -0.66 0.00	20.68 -0.69 0.00	20.69 -0.74 0.00	20.90 -0.77 0.00	23.35 -0.88 0.00	26.25 -0.99 0.00	33.46 -1.35 2.05	35.12 -1.32 1.37	23.93 -0.85 0.00	20.99 -0.75 0.00	21.60 -0.74 0.00	21.11 -0.57 0.00
SITHE_IND_GS3 24171	33.67 -1.05 0.00	24.87 -0.78 0.00	23.57 -0.72 0.00	21.19 -0.64 0.00	21.04 -0.65 0.00	22.26 -0.67 0.00	23.38 -0.70 0.00	23.34 -0.69 0.00	20.25 -0.56 0.00	20.69 -0.58 0.00	20.26 -0.59 0.00	20.67 -0.64 0.00	20.25 -0.66 0.00	20.68 -0.69 0.00	20.69 -0.74 0.00	20.90 -0.77 0.00	23.35 -0.88 0.00	26.25 -0.99 0.00	33.46 -1.35 2.05	35.12 -1.32 1.37	23.93 -0.85 0.00	20.99 -0.75 0.00	21.60 -0.74 0.00	21.11 -0.57 0.00
SITHE_IND_GS4 24172	33.67 -1.05 0.00	24.87 -0.78 0.00	23.57 -0.72 0.00	21.19 -0.64 0.00	21.04 -0.65 0.00	22.26 -0.67 0.00	23.38 -0.70 0.00	23.34 -0.69 0.00	20.25 -0.56 0.00	20.69 -0.58 0.00	20.26 -0.59 0.00	20.67 -0.64 0.00	20.25 -0.66 0.00	20.68 -0.69 0.00	20.69 -0.74 0.00	20.90 -0.77 0.00	23.35 -0.88 0.00	26.25 -0.99 0.00	33.46 -1.35 2.05	35.12 -1.32 1.37	23.93 -0.85 0.00	20.99 -0.75 0.00	21.60 -0.74 0.00	21.11 -0.57 0.00

SITHE___BATAVIA 24024	23.25 -1.79 9.69	19.07 -1.37 5.21	23.05 -1.24 0.00	20.29 -1.09 0.46	20.56 -1.13 0.00	21.87 -1.07 0.00	23.04 -1.04 0.00	23.14 -0.89 0.00	20.09 -0.72 0.00	20.31 -0.96 0.00	19.72 -1.14 0.00	19.94 -1.37 0.00	19.77 -1.14 0.00	19.97 -1.40 0.00	19.86 -1.56 0.00	20.17 -1.50 0.00	22.67 -1.55 0.00	25.42 -1.82 0.00	34.30 -2.28 0.28	35.81 -1.81 0.19	22.93 -1.03 0.82	20.85 -0.90 0.00	21.61 -0.74 0.00	21.16 -0.51 0.00
SITHE___INDEPEND 23800	33.68 -1.05 0.00	24.87 -0.78 0.00	23.57 -0.72 0.00	21.19 -0.64 0.00	21.04 -0.65 0.00	22.26 -0.67 0.00	23.38 -0.70 0.00	23.34 -0.69 0.00	20.24 -0.57 0.00	20.69 -0.58 0.00	20.26 -0.59 0.00	20.67 -0.64 0.00	20.25 -0.66 0.00	20.68 -0.69 0.00	20.69 -0.74 0.00	20.90 -0.77 0.00	23.35 -0.88 0.00	26.25 -0.99 0.00	33.46 -1.35 2.05	35.12 -1.32 1.37	23.93 -0.85 0.00	20.99 -0.75 0.00	21.60 -0.74 0.00	21.11 -0.57 0.00
SITHE___MASSENA 23902	35.27 0.55 0.00	26.11 0.46 0.00	24.74 0.45 0.00	22.26 0.42 0.00	22.09 0.40 0.00	23.35 0.41 0.00	24.53 0.46 0.00	24.51 0.48 0.00	21.06 0.25 0.00	21.45 0.18 0.00	20.99 0.13 0.00	21.53 0.22 0.00	21.19 0.27 0.00	21.59 0.21 0.00	21.60 0.17 0.00	21.81 0.15 0.00	24.39 0.16 0.00	27.41 0.17 0.00	37.21 0.34 0.00	38.31 0.49 0.00	24.96 0.18 0.00	21.85 0.11 0.00	22.54 0.20 0.00	21.91 0.23 0.00
SITHE___OGDNSBRG 24021	35.85 1.13 0.00	26.52 0.88 0.00	25.14 0.85 0.00	22.61 0.77 0.00	22.42 0.74 0.00	23.72 0.78 0.00	24.94 0.86 0.00	24.88 0.86 0.00	21.19 0.38 0.00	21.49 0.21 0.00	21.02 0.16 0.00	21.57 0.26 0.00	21.31 0.39 0.00	21.64 0.26 0.00	21.59 0.17 0.00	21.79 0.13 0.00	24.37 0.15 0.00	27.42 0.18 0.00	37.45 0.59 0.00	38.98 1.16 0.00	25.41 0.63 0.00	22.21 0.46 0.00	22.88 0.54 0.00	22.21 0.53 0.00
SITHE___STERLING 23777	35.30 0.58 0.00	26.01 0.37 0.00	24.63 0.34 0.00	22.12 0.28 0.00	21.96 0.27 0.00	23.26 0.33 0.00	24.44 0.36 0.00	24.39 0.36 0.00	21.09 0.28 0.00	21.46 0.19 0.00	21.07 0.21 0.00	21.51 0.20 0.00	21.09 0.18 0.00	21.48 0.10 0.00	21.53 0.11 0.00	21.82 0.16 0.00	24.43 0.21 0.00	27.63 0.39 0.00	37.54 0.74 0.06	38.71 0.93 0.04	25.35 0.57 0.00	22.22 0.48 0.00	22.78 0.44 0.00	22.08 0.40 0.00
SLEIGHT__34_KV_TB1 80719	27.22 -1.27 6.23	21.31 -0.98 3.35	23.40 -0.89 0.00	20.73 -0.81 0.30	20.84 -0.85 0.00	22.11 -0.83 0.00	23.25 -0.83 0.00	23.26 -0.76 0.00	20.19 -0.62 0.00	20.62 -0.66 0.00	20.11 -0.75 0.00	20.44 -0.87 0.00	20.01 -0.91 0.00	20.49 -0.89 0.00	20.46 -0.97 0.00	20.71 -0.95 0.00	23.24 -0.98 0.00	26.16 -1.08 0.00	35.22 -1.41 0.23	36.40 -1.26 0.15	23.45 -0.80 0.52	21.01 -0.73 0.00	21.66 -0.69 0.00	21.13 -0.54 0.00
SOUTH CAIRO___GT 23612	36.37 1.65 0.00	26.86 1.21 0.00	25.55 1.26 0.00	22.94 1.11 0.00	22.79 1.11 0.00	24.13 1.19 0.00	25.26 1.18 0.00	25.14 1.12 0.00	21.56 0.75 0.00	21.83 0.55 0.00	21.36 0.50 0.00	21.89 0.58 0.00	21.54 0.62 0.00	21.95 0.57 0.00	21.97 0.55 0.00	22.25 0.59 0.00	24.92 0.69 0.00	28.38 1.15 0.00	38.71 1.85 0.00	39.87 2.05 0.00	26.26 1.48 0.00	23.00 1.26 0.00	23.42 1.08 0.00	22.55 0.87 0.00
SOUTH HAMPTN___IC 23720	36.38 1.66 0.00	26.95 1.31 0.00	45.50 1.21 -20.01	62.90 1.15 -39.91	37.90 1.06 -15.15	38.11 1.02 -14.16	31.48 1.02 -6.38	26.00 0.93 -1.04	26.64 1.15 -4.69	37.12 1.47 -14.37	27.18 1.68 -4.64	27.23 1.64 -4.29	30.66 1.61 -8.13	35.03 1.75 -11.90	51.63 1.98 -28.23	37.71 2.20 -13.85	75.78 2.56 -48.99	50.82 3.13 -20.46	63.82 4.06 -22.89	41.36 3.55 0.00	27.19 2.42 0.00	23.92 1.83 -0.36	26.49 1.57 -2.57	22.74 1.06 0.00
SOUTHDOW_115KV_TB1 355954	17.02 -2.12 15.59	15.61 -1.65 8.38	22.79 -1.49 0.00	19.84 -1.25 0.74	20.45 -1.23 0.00	21.79 -1.14 0.00	23.03 -1.05 0.00	23.08 -0.94 0.00	20.21 -0.60 0.00	20.59 -0.69 0.00	19.91 -0.95 0.00	20.18 -1.13 0.00	19.88 -1.04 0.00	20.28 -1.09 0.00	20.28 -1.14 0.00	20.63 -1.03 0.00	23.25 -0.97 0.00	26.02 -1.22 0.00	35.11 -1.52 0.24	36.55 -1.10 0.16	22.70 -0.77 1.31	21.11 -0.63 0.00	21.89 -0.45 0.00	21.29 -0.38 0.00
SOUTHOLD_69_KV_BK 2 55809	36.51 1.79 0.00	27.04 1.40 0.00	45.71 1.41 -20.01	63.22 1.47 -39.91	38.21 1.38 -15.15	38.38 1.29 -14.16	31.64 1.18 -6.38	26.16 1.10 -1.04	26.87 1.37 -4.69	37.46 1.82 -14.37	27.58 2.08 -4.64	27.63 2.04 -4.29	30.98 1.94 -8.13	35.45 2.16 -11.90	52.14 2.48 -28.23	38.29 2.78 -13.85	76.46 3.25 -48.99	51.61 3.91 -20.46	64.84 5.08 -22.89	42.38 4.57 0.00	27.82 3.04 0.00	24.36 2.27 -0.35	26.76 1.84 -2.57	22.88 1.20 0.00
SOUTHOLD___IC 23719	36.52 1.80 0.00	27.04 1.39 0.00	45.70 1.41 -20.01	63.22 1.47 -39.91	38.21 1.38 -15.15	38.38 1.29 -14.16	31.64 1.18 -6.38	26.16 1.10 -1.04	26.86 1.36 -4.69	37.46 1.81 -14.37	27.58 2.08 -4.64	27.64 2.04 -4.29	30.99 1.94 -8.13	35.44 2.16 -11.90	52.14 2.48 -28.23	38.29 2.78 -13.85	76.46 3.25 -48.99	51.60 3.91 -20.46	64.84 5.08 -22.89	42.37 4.56 0.00	27.82 3.05 0.00	24.36 2.27 -0.36	26.76 1.84 -2.57	22.88 1.20 0.00
SOUTH_FORK_WT_PWR 323839	36.16 1.43 0.00	26.79 1.14 0.00	45.56 1.27 -20.01	63.20 1.45 -39.91	38.20 1.36 -15.15	38.32 1.23 -14.16	31.49 1.03 -6.38	26.01 0.94 -1.04	26.76 1.26 -4.69	37.41 1.76 -14.37	27.57 2.07 -4.64	27.62 2.03 -4.29	30.93 1.89 -8.13	35.45 2.17 -11.90	52.22 2.56 -28.23	38.39 2.88 -13.85	76.58 3.36 -48.99	51.74 4.05 -20.46	65.01 5.25 -22.89	42.54 4.72 0.00	27.93 3.15 0.00	24.39 2.30 -0.36	26.70 1.79 -2.57	22.75 1.07 0.00
SPIERFLS_115KV_TB 1 80737	37.23 2.51 0.00	27.41 1.77 0.00	25.94 1.65 0.00	23.27 1.44 0.00	23.12 1.43 0.00	24.48 1.55 0.00	25.68 1.61 0.00	25.63 1.61 0.00	22.12 1.30 0.00	22.52 1.25 0.00	21.94 1.08 0.00	22.53 1.22 0.00	21.97 1.05 0.00	22.64 1.26 0.00	22.60 1.17 0.00	22.81 1.15 0.00	25.69 1.46 0.00	29.05 1.81 0.00	39.53 2.67 0.00	40.59 2.77 0.00	26.75 1.97 0.00	23.47 1.73 0.00	23.97 1.62 0.00	23.01 1.34 0.00
ST LAWRENCE____ 23600	34.87 0.14 0.00	25.80 0.16 0.00	24.46 0.17 0.00	22.00 0.16 0.00	21.85 0.16 0.00	23.08 0.15 0.00	24.25 0.17 0.00	24.23 0.20 0.00	20.85 0.04 0.00	21.27 -0.01 0.00	20.80 -0.05 0.00	21.33 0.02 0.00	20.98 0.06 0.00	21.39 0.01 0.00	21.40 -0.02 0.00	21.62 -0.04 0.00	24.17 -0.06 0.00	27.15 -0.09 0.00	36.83 -0.04 0.00	37.85 0.03 0.00	24.67 -0.10 0.00	21.62 -0.12 0.00	22.30 -0.05 0.00	21.68 0.00 0.00
STATE_CA_115KV_115_LB 55624	35.21 0.49 0.00	26.04 0.40 0.00	24.77 0.48 0.00	22.25 0.41 0.00	22.11 0.43 0.00	23.38 0.45 0.00	24.49 0.40 0.00	24.38 0.36 0.00	21.05 0.24 0.00	21.51 0.24 0.00	21.16 0.30 0.00	21.64 0.33 0.00	21.25 0.33 0.00	21.76 0.38 0.00	21.86 0.43 0.00	22.12 0.46 0.00	24.73 0.50 0.00	27.87 0.63 0.00	37.68 0.81 0.00	38.56 0.75 0.00	25.41 0.63 0.00	22.29 0.55 0.00	22.74 0.40 0.00	21.92 0.24 0.00

STATE_ST_34_KV_LOAD 55959	30.53 -0.27 3.92	23.28 -0.26 2.11	24.06 -0.23 0.00	21.43 -0.22 0.19	21.37 -0.31 0.00	22.64 -0.29 0.00	23.77 -0.31 0.00	23.72 -0.30 0.00	20.58 -0.23 0.00	21.02 -0.25 0.00	20.54 -0.32 0.00	20.93 -0.38 0.00	20.51 -0.40 0.00	20.94 -0.43 0.00	20.95 -0.48 0.00	21.20 -0.47 0.00	23.76 -0.46 0.00	26.77 -0.47 0.00	36.27 -0.60 0.00	37.36 -0.46 0.00	24.15 -0.30 0.33	21.47 -0.27 0.00	22.07 -0.28 0.00	21.49 -0.18 0.00
STATION 5_MISC_HYD 23604	25.61 -1.58 7.53	20.40 -1.19 4.05	23.23 -1.06 0.00	20.53 -0.95 0.36	20.71 -0.97 0.00	21.98 -0.95 0.00	23.13 -0.95 0.00	23.17 -0.86 0.00	20.13 -0.68 0.00	20.50 -0.77 0.00	19.96 -0.90 0.00	20.27 -1.04 0.00	19.85 -1.07 0.00	20.33 -1.05 0.00	20.29 -1.13 0.00	20.56 -1.11 0.00	23.09 -1.13 0.00	25.91 -1.33 0.00	34.76 -1.80 0.30	36.01 -1.60 0.20	23.16 -0.99 0.63	20.89 -0.85 0.00	21.59 -0.76 0.00	21.11 -0.56 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	25.59 -1.06 8.07	20.47 -0.84 4.33	23.55 -0.74 0.00	20.77 -0.68 0.38	20.99 -0.69 0.00	22.28 -0.66 0.00	23.44 -0.64 0.00	23.45 -0.57 0.00	20.37 -0.44 0.00	20.77 -0.50 0.00	20.25 -0.60 0.00	20.58 -0.73 0.00	20.12 -0.79 0.00	20.61 -0.77 0.00	20.59 -0.84 0.00	20.85 -0.81 0.00	23.42 -0.81 0.00	26.35 -0.89 0.00	35.53 -1.11 0.23	36.75 -0.91 0.15	23.51 -0.59 0.68	21.20 -0.53 0.00	21.86 -0.49 0.00	21.31 -0.37 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	25.55 -1.66 7.52	20.35 -1.26 4.04	23.16 -1.13 0.00	20.47 -1.01 0.36	20.65 -1.03 0.00	21.91 -1.03 0.00	23.06 -1.02 0.00	23.09 -0.93 0.00	20.06 -0.75 0.00	20.45 -0.83 0.00	19.91 -0.94 0.00	20.23 -1.08 0.00	19.81 -1.11 0.00	20.29 -1.09 0.00	20.25 -1.17 0.00	20.52 -1.15 0.00	23.03 -1.19 0.00	25.86 -1.38 0.00	34.70 -1.86 0.30	35.95 -1.67 0.20	23.10 -1.05 0.63	20.82 -0.92 0.00	21.51 -0.83 0.00	21.03 -0.64 0.00
STA_56___34_KV_BUS2 355983	25.55 -1.66 7.52	20.35 -1.26 4.04	23.16 -1.13 0.00	20.47 -1.01 0.36	20.65 -1.03 0.00	21.91 -1.03 0.00	23.06 -1.02 0.00	23.09 -0.93 0.00	20.06 -0.75 0.00	20.45 -0.83 0.00	19.91 -0.94 0.00	20.23 -1.08 0.00	19.81 -1.11 0.00	20.29 -1.09 0.00	20.25 -1.17 0.00	20.52 -1.15 0.00	23.03 -1.19 0.00	25.86 -1.38 0.00	34.70 -1.86 0.30	35.95 -1.67 0.20	23.10 -1.05 0.63	20.82 -0.92 0.00	21.51 -0.83 0.00	21.03 -0.64 0.00
STA_67___115KV_BK2 355882	25.57 -1.64 7.52	20.36 -1.24 4.04	23.18 -1.11 0.00	20.49 -0.99 0.36	20.68 -1.01 0.00	21.94 -1.00 0.00	23.09 -0.99 0.00	23.13 -0.90 0.00	20.09 -0.72 0.00	20.47 -0.81 0.00	19.92 -0.93 0.00	20.23 -1.08 0.00	19.81 -1.11 0.00	20.29 -1.09 0.00	20.25 -1.17 0.00	20.52 -1.14 0.00	23.03 -1.19 0.00	25.84 -1.39 0.00	34.68 -1.89 0.31	35.94 -1.67 0.20	23.10 -1.04 0.63	20.84 -0.91 0.00	21.55 -0.80 0.00	21.08 -0.60 0.00
STA_7___115KV_9TRANS 80674	25.78 -1.41 7.53	20.51 -1.09 4.05	23.31 -0.97 0.00	20.61 -0.87 0.36	20.79 -0.89 0.00	22.06 -0.87 0.00	23.22 -0.86 0.00	23.25 -0.78 0.00	20.19 -0.62 0.00	20.58 -0.69 0.00	20.04 -0.81 0.00	20.35 -0.96 0.00	19.92 -0.99 0.00	20.41 -0.96 0.00	20.38 -1.05 0.00	20.65 -1.02 0.00	23.19 -1.04 0.00	26.03 -1.20 0.00	34.96 -1.61 0.30	36.22 -1.39 0.20	23.28 -0.86 0.63	20.99 -0.75 0.00	21.69 -0.65 0.00	21.20 -0.47 0.00
STA_82___115KV_TB1 80780	25.48 -1.63 7.61	20.32 -1.23 4.09	23.19 -1.10 0.00	20.49 -0.99 0.36	20.68 -1.00 0.00	21.95 -0.99 0.00	23.10 -0.98 0.00	23.13 -0.89 0.00	20.10 -0.72 0.00	20.47 -0.81 0.00	19.93 -0.93 0.00	20.23 -1.08 0.00	19.82 -1.10 0.00	20.29 -1.08 0.00	20.26 -1.17 0.00	20.52 -1.14 0.00	23.04 -1.19 0.00	25.85 -1.39 0.00	34.68 -1.88 0.30	35.95 -1.66 0.20	23.11 -1.03 0.64	20.85 -0.90 0.00	21.56 -0.79 0.00	21.08 -0.60 0.00
STEEL___WIND 323596	19.10 -2.71 12.92	16.69 -2.01 6.94	22.50 -1.79 0.00	19.62 -1.60 0.61	20.06 -1.62 0.00	21.35 -1.58 0.00	22.51 -1.57 0.00	22.62 -1.40 0.00	19.75 -1.06 0.00	20.03 -1.24 0.00	19.40 -1.45 0.00	19.62 -1.69 0.00	19.30 -1.61 0.00	19.70 -1.67 0.00	19.67 -1.76 0.00	19.96 -1.70 0.00	22.48 -1.74 0.00	25.09 -2.15 0.00	33.64 -2.97 0.26	34.94 -2.71 0.17	22.00 -1.69 1.09	20.34 -1.40 0.00	21.15 -1.19 0.00	20.71 -0.97 0.00
STEPHTWN_115KV_BK_2 55603	35.30 0.57 0.00	26.08 0.44 0.00	24.80 0.51 0.00	22.25 0.41 0.00	22.14 0.45 0.00	23.40 0.47 0.00	24.52 0.44 0.00	24.43 0.40 0.00	21.08 0.27 0.00	21.59 0.32 0.00	21.21 0.36 0.00	21.70 0.39 0.00	21.28 0.36 0.00	21.81 0.43 0.00	21.91 0.49 0.00	22.17 0.51 0.00	24.82 0.60 0.00	28.06 0.82 0.00	37.93 1.07 0.00	38.74 0.92 0.00	25.51 0.73 0.00	22.34 0.60 0.00	22.83 0.49 0.00	21.96 0.29 0.00
STEUBEN_REC_LFGE 323667	-11.59 -1.10 45.22	0.28 -1.07 24.30	23.15 -1.13 0.01	18.59 -1.11 2.15	20.62 -1.06 0.01	21.88 -1.05 0.00	22.92 -1.16 0.00	23.14 -0.88 0.00	20.37 -0.44 0.00	20.58 -0.69 0.00	19.81 -1.05 0.00	20.19 -1.12 0.00	19.71 -1.21 0.00	20.05 -1.32 0.00	19.99 -1.44 0.00	20.13 -1.53 0.00	22.76 -1.47 0.00	25.68 -1.56 0.00	35.13 -1.58 0.15	36.97 -0.74 0.10	20.27 -0.71 3.81	21.31 -0.43 0.00	21.96 -0.39 0.00	21.18 -0.50 0.00
STILLWATER___SOLAR 323814	36.65 1.93 0.00	27.03 1.38 0.00	25.59 1.30 0.00	22.97 1.14 0.00	22.83 1.15 0.00	24.16 1.23 0.00	25.32 1.24 0.00	25.22 1.20 0.00	21.78 0.97 0.00	22.19 0.91 0.00	21.71 0.86 0.00	22.28 0.97 0.00	21.81 0.90 0.00	22.39 1.02 0.00	22.41 0.98 0.00	22.68 1.01 0.00	25.50 1.27 0.00	28.80 1.56 0.00	39.10 2.23 0.00	40.12 2.31 0.00	26.40 1.63 0.00	23.12 1.38 0.00	23.62 1.28 0.00	22.72 1.05 0.00
STONY___BROOK 24151	36.44 1.72 0.00	27.03 1.39 0.00	45.49 1.20 -20.01	62.75 1.00 -39.91	37.76 0.93 -15.15	38.04 0.94 -14.16	31.48 1.02 -6.38	26.06 0.99 -1.04	26.62 1.12 -4.69	36.99 1.34 -14.37	26.99 1.49 -4.64	27.06 1.47 -4.29	30.53 1.49 -8.13	34.88 1.60 -11.90	51.41 1.75 -28.23	37.43 1.92 -13.85	75.42 2.20 -48.99	50.37 2.67 -20.46	63.15 3.40 -22.89	40.81 3.00 0.00	26.87 2.09 0.00	23.77 1.67 -0.36	26.44 1.52 -2.57	22.79 1.11 0.00
STURGEON_POOL_HYD 23609	35.86 1.14 0.00	26.39 0.74 0.00	24.82 0.54 0.00	22.28 0.45 0.00	22.12 0.43 0.00	23.36 0.42 0.00	24.56 0.48 0.00	24.50 0.47 0.00	21.48 0.67 0.00	22.11 0.84 0.00	21.78 0.93 0.00	22.21 0.90 0.00	21.85 0.94 0.00	22.41 1.03 0.00	22.60 1.17 0.00	22.91 1.25 0.00	25.65 1.42 0.00	28.90 1.66 0.00	38.95 2.08 0.00	39.63 1.81 0.00	26.06 1.28 0.00	22.75 1.01 0.00	23.19 0.84 0.00	22.26 0.59 0.00
ST_LAW_115_BK7_LBMP 345037	34.89 0.16 0.00	25.82 0.18 0.00	24.48 0.18 0.00	22.02 0.18 0.00	21.86 0.17 0.00	23.09 0.16 0.00	24.27 0.19 0.00	24.24 0.22 0.00	20.85 0.04 0.00	21.27 -0.01 0.00	20.80 -0.05 0.00	21.33 0.03 0.00	20.99 0.07 0.00	21.39 0.02 0.00	21.40 -0.02 0.00	21.62 -0.04 0.00	24.17 -0.06 0.00	27.15 -0.09 0.00	36.83 -0.04 0.00	37.86 0.05 0.00	24.68 -0.10 0.00	21.62 -0.12 0.00	22.30 -0.04 0.00	21.68 0.01 0.00

ST_LAW_115_BK8_LBMP 345038	34.89 0.16 0.00	25.82 0.18 0.00	24.48 0.18 0.00	22.02 0.18 0.00	21.86 0.17 0.00	23.09 0.16 0.00	24.27 0.19 0.00	24.24 0.22 0.00	20.85 0.04 0.00	21.27 -0.01 0.00	20.80 -0.05 0.00	21.33 0.03 0.00	20.99 0.07 0.00	21.39 0.02 0.00	21.40 -0.02 0.00	21.62 -0.04 0.00	24.17 -0.06 0.00	27.15 -0.09 0.00	36.83 -0.04 0.00	37.86 0.05 0.00	24.68 -0.10 0.00	21.62 -0.12 0.00	22.30 -0.04 0.00	21.68 0.01 0.00
ST_LAW_230_BK5_LBMP 345035	34.87 0.14 0.00	25.80 0.16 0.00	24.46 0.17 0.00	22.00 0.16 0.00	21.85 0.16 0.00	23.08 0.15 0.00	24.25 0.17 0.00	24.23 0.20 0.00	20.85 0.04 0.00	21.27 -0.01 0.00	20.80 -0.05 0.00	21.33 0.02 0.00	20.98 0.06 0.00	21.39 0.01 0.00	21.40 -0.02 0.00	21.62 -0.04 0.00	24.17 -0.06 0.00	27.15 -0.09 0.00	36.83 -0.04 0.00	37.85 0.03 0.00	24.67 -0.10 0.00	21.62 -0.12 0.00	22.30 -0.05 0.00	21.68 0.00 0.00
ST_LAW_230_BK6_LBMP 345036	34.87 0.14 0.00	25.80 0.16 0.00	24.46 0.17 0.00	22.00 0.16 0.00	21.85 0.16 0.00	23.08 0.15 0.00	24.25 0.17 0.00	24.23 0.20 0.00	20.85 0.04 0.00	21.27 -0.01 0.00	20.80 -0.05 0.00	21.33 0.02 0.00	20.98 0.06 0.00	21.39 0.01 0.00	21.40 -0.02 0.00	21.62 -0.04 0.00	24.17 -0.06 0.00	27.15 -0.09 0.00	36.83 -0.04 0.00	37.85 0.03 0.00	24.67 -0.10 0.00	21.62 -0.12 0.00	22.30 -0.05 0.00	21.68 0.00 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	35.82 1.09 0.00	26.40 0.75 0.00	24.87 0.58 0.00	22.31 0.48 0.00	22.15 0.47 0.00	23.41 0.48 0.00	24.61 0.53 0.00	24.52 0.49 0.00	21.42 0.61 0.00	22.02 0.75 0.00	21.68 0.83 0.00	22.12 0.81 0.00	21.75 0.83 0.00	22.29 0.91 0.00	22.45 1.02 0.00	22.76 1.10 0.00	25.47 1.24 0.00	28.72 1.48 0.00	38.75 1.89 0.00	39.50 1.69 0.00	25.98 1.21 0.00	22.71 0.97 0.00	23.15 0.81 0.00	22.24 0.57 0.00
SWANROAD_115KV_TB1 355699	20.23 -3.33 11.17	17.17 -2.47 6.00	21.97 -2.32 0.00	19.31 -2.00 0.53	19.63 -2.05 0.00	20.87 -2.07 0.00	21.99 -2.09 0.00	22.14 -1.89 0.00	19.30 -1.51 0.00	19.55 -1.72 0.00	18.92 -1.93 0.00	19.11 -2.20 0.00	18.83 -2.08 0.00	19.18 -2.19 0.00	19.10 -2.32 0.00	19.40 -2.26 0.00	21.78 -2.45 0.00	24.28 -2.96 0.00	32.43 -4.17 0.27	33.75 -3.88 0.18	21.49 -2.35 0.94	19.75 -1.99 0.00	20.60 -1.74 0.00	20.26 -1.41 0.00
SYNERGY___BIOGAS 323694	23.25 -1.79 9.69	19.07 -1.37 5.21	23.05 -1.24 0.00	20.29 -1.09 0.46	20.56 -1.13 0.00	21.87 -1.07 0.00	23.04 -1.04 0.00	23.14 -0.89 0.00	20.09 -0.72 0.00	20.31 -0.96 0.00	19.72 -1.14 0.00	19.94 -1.37 0.00	19.77 -1.14 0.00	19.97 -1.40 0.00	19.86 -1.56 0.00	20.17 -1.50 0.00	22.67 -1.55 0.00	25.42 -1.82 0.00	34.30 -2.28 0.28	35.81 -1.81 0.19	22.93 -1.03 0.82	20.85 -0.90 0.00	21.61 -0.74 0.00	21.16 -0.51 0.00
SYRACUSE___ENERGY_ST1 323597	34.35 -0.37 0.00	25.32 -0.32 0.00	24.00 -0.29 0.00	21.57 -0.27 0.00	21.40 -0.28 0.00	22.67 -0.27 0.00	23.81 -0.27 0.00	23.76 -0.27 0.00	20.62 -0.19 0.00	21.08 -0.19 0.00	20.64 -0.21 0.00	21.04 -0.27 0.00	20.62 -0.29 0.00	21.06 -0.31 0.00	21.09 -0.34 0.00	21.32 -0.35 0.00	23.87 -0.36 0.00	26.87 -0.37 0.00	36.41 -0.46 0.00	37.43 -0.39 0.00	24.52 -0.26 0.00	21.50 -0.24 0.00	22.09 -0.25 0.00	21.51 -0.16 0.00
SYRACUSE___ENERGY_ST2 323598	34.35 -0.37 0.00	25.32 -0.32 0.00	24.00 -0.29 0.00	21.57 -0.27 0.00	21.40 -0.28 0.00	22.67 -0.27 0.00	23.81 -0.27 0.00	23.76 -0.27 0.00	20.62 -0.19 0.00	21.08 -0.19 0.00	20.64 -0.21 0.00	21.04 -0.27 0.00	20.62 -0.29 0.00	21.06 -0.31 0.00	21.09 -0.34 0.00	21.32 -0.35 0.00	23.87 -0.36 0.00	26.87 -0.37 0.00	36.41 -0.46 0.00	37.43 -0.39 0.00	24.52 -0.26 0.00	21.50 -0.24 0.00	22.09 -0.25 0.00	21.51 -0.16 0.00
SYRACUSE___POWER 24017	36.89 -0.40 -2.57	26.69 -0.34 -1.38	23.99 -0.30 0.00	21.67 -0.29 -0.12	21.40 -0.28 0.00	22.66 -0.28 0.00	23.81 -0.27 0.00	23.76 -0.26 0.00	20.63 -0.19 0.00	21.08 -0.19 0.00	20.65 -0.20 0.00	21.05 -0.26 0.00	20.62 -0.29 0.00	21.06 -0.31 0.00	21.10 -0.33 0.00	21.32 -0.34 0.00	23.89 -0.34 0.00	26.89 -0.34 0.00	36.35 -0.43 0.09	37.41 -0.35 0.06	24.76 -0.23 -0.22	21.52 -0.22 0.00	22.11 -0.23 0.00	21.52 -0.15 0.00
TALLMAN___138KV_BK151 55660	35.98 1.26 0.00	26.50 0.86 0.00	24.95 0.66 0.00	22.38 0.55 0.00	22.22 0.53 0.00	23.48 0.55 0.00	24.69 0.61 0.00	24.60 0.57 0.00	21.51 0.70 0.00	22.15 0.88 0.00	21.84 0.98 0.00	22.26 0.95 0.00	21.90 0.99 0.00	22.45 1.07 0.00	22.63 1.20 0.00	22.94 1.28 0.00	25.68 1.45 0.00	28.95 1.71 0.00	39.03 2.16 0.00	39.73 1.91 0.00	26.14 1.36 0.00	22.83 1.09 0.00	23.26 0.92 0.00	22.33 0.65 0.00
TEALLAVE_115KV_TB7 355573	34.16 -0.56 0.00	25.20 -0.45 0.00	23.88 -0.41 0.00	21.46 -0.38 0.00	21.31 -0.38 0.00	22.56 -0.37 0.00	23.70 -0.38 0.00	23.66 -0.36 0.00	20.54 -0.27 0.00	20.99 -0.28 0.00	20.56 -0.30 0.00	20.96 -0.35 0.00	20.54 -0.38 0.00	20.98 -0.39 0.00	21.00 -0.42 0.00	21.23 -0.43 0.00	23.77 -0.46 0.00	26.75 -0.49 0.00	36.10 -0.64 0.12	37.16 -0.58 0.08	24.41 -0.37 0.00	21.40 -0.34 0.00	21.99 -0.35 0.00	21.43 -0.24 0.00
TELGRAPH_34_KV_EAST 80808	21.91 -2.50 10.32	18.23 -1.87 5.54	22.56 -1.73 0.00	19.84 -1.51 0.49	20.14 -1.54 0.00	21.41 -1.52 0.00	22.57 -1.51 0.00	22.68 -1.34 0.00	19.74 -1.07 0.00	20.02 -1.26 0.00	19.38 -1.47 0.00	19.61 -1.69 0.00	19.46 -1.46 0.00	19.66 -1.71 0.00	19.56 -1.87 0.00	19.87 -1.79 0.00	22.32 -1.90 0.00	24.96 -2.28 0.00	33.49 -3.10 0.28	34.88 -2.74 0.19	22.27 -1.64 0.87	20.34 -1.41 0.00	21.15 -1.19 0.00	20.76 -0.92 0.00
TEMPLE___115KV_TB 2 55572	34.17 -0.55 0.00	25.20 -0.44 0.00	23.89 -0.40 0.00	21.47 -0.37 0.00	21.32 -0.37 0.00	22.57 -0.36 0.00	23.71 -0.37 0.00	23.67 -0.35 0.00	20.55 -0.27 0.00	21.00 -0.27 0.00	20.57 -0.28 0.00	20.97 -0.34 0.00	20.54 -0.37 0.00	20.99 -0.38 0.00	21.02 -0.41 0.00	21.24 -0.42 0.00	23.79 -0.44 0.00	26.77 -0.47 0.00	36.12 -0.62 0.12	37.18 -0.55 0.08	24.42 -0.36 0.00	21.41 -0.33 0.00	22.00 -0.34 0.00	21.44 -0.24 0.00
TIANA____69_KV_BK 1 55817	36.35 1.63 0.00	26.93 1.29 0.00	45.47 1.17 -20.01	62.83 1.08 -39.91	37.83 0.99 -15.15	38.05 0.96 -14.16	31.45 0.99 -6.38	25.97 0.90 -1.04	26.61 1.11 -4.69	37.05 1.40 -14.37	27.10 1.60 -4.64	27.15 1.56 -4.29	30.58 1.54 -8.13	34.93 1.65 -11.90	51.51 1.85 -28.23	37.58 2.07 -13.85	75.63 2.41 -48.99	50.66 2.97 -20.46	63.59 3.84 -22.89	41.16 3.35 0.00	27.06 2.28 0.00	23.84 1.75 -0.35	26.43 1.52 -2.57	22.71 1.04 0.00
TILDEN___115KV_TB1 80814	36.89 -0.40 -2.57	26.69 -0.34 -1.38	23.99 -0.30 0.00	21.67 -0.29 -0.12	21.40 -0.28 0.00	22.66 -0.28 0.00	23.81 -0.27 0.00	23.76 -0.26 0.00	20.63 -0.19 0.00	21.08 -0.19 0.00	20.65 -0.20 0.00	21.05 -0.26 0.00	20.62 -0.29 0.00	21.06 -0.31 0.00	21.10 -0.33 0.00	21.32 -0.34 0.00	23.89 -0.34 0.00	26.89 -0.34 0.00	36.35 -0.43 0.09	37.41 -0.35 0.06	24.76 -0.23 -0.22	21.52 -0.22 0.00	22.11 -0.23 0.00	21.52 -0.15 0.00

TRIGEN___CC 323695	36.42 1.70 0.00	26.94 1.29 0.00	45.35 1.06 -20.01	62.62 0.87 -39.91	37.70 0.87 -15.15	37.97 0.88 -14.16	31.43 0.96 -6.38	26.00 0.94 -1.04	26.55 1.05 -4.69	36.89 1.25 -14.37	26.85 1.35 -4.64	26.93 1.34 -4.29	30.44 1.40 -8.13	34.78 1.49 -11.90	51.28 1.62 -28.23	37.20 1.69 -13.85	75.12 1.90 -48.99	49.90 2.20 -20.46	62.52 2.75 -22.89	40.33 2.51 0.00	26.58 1.80 0.00	23.60 1.51 -0.35	26.27 1.36 -2.57	22.70 1.02 0.00
TRINITY___115KV___4 BK 55933	35.06 0.33 0.00	25.93 0.29 0.00	24.68 0.39 0.00	22.17 0.33 0.00	22.04 0.35 0.00	23.30 0.36 0.00	24.40 0.32 0.00	24.30 0.27 0.00	20.97 0.16 0.00	21.43 0.16 0.00	21.07 0.22 0.00	21.55 0.24 0.00	21.16 0.23 0.00	21.67 0.30 0.00	21.76 0.34 0.00	22.03 0.36 0.00	24.62 0.39 0.00	27.75 0.51 0.00	37.49 0.63 0.00	38.38 0.57 0.00	25.30 0.52 0.00	22.20 0.46 0.00	22.65 0.31 0.00	21.83 0.16 0.00
UNION___PROCESSING_DRP 323587	25.48 -1.63 7.62	20.32 -1.23 4.09	23.19 -1.10 0.00	20.49 -0.99 0.36	20.68 -1.00 0.00	21.95 -0.99 0.00	23.11 -0.97 0.00	23.14 -0.89 0.00	20.10 -0.71 0.00	20.47 -0.80 0.00	19.93 -0.93 0.00	20.24 -1.07 0.00	19.83 -1.09 0.00	20.29 -1.08 0.00	20.26 -1.17 0.00	20.52 -1.14 0.00	23.04 -1.18 0.00	25.85 -1.39 0.00	34.69 -1.88 0.30	35.96 -1.65 0.20	23.11 -1.03 0.64	20.85 -0.89 0.00	21.56 -0.78 0.00	21.08 -0.59 0.00
UPPER HUDSON___HYD 24058	37.23 2.51 0.00	27.41 1.77 0.00	25.94 1.64 0.00	23.27 1.44 0.00	23.12 1.43 0.00	24.48 1.55 0.00	25.69 1.61 0.00	25.63 1.61 0.00	22.12 1.30 0.00	22.52 1.25 0.00	21.93 1.08 0.00	22.53 1.22 0.00	21.97 1.05 0.00	22.63 1.26 0.00	22.60 1.17 0.00	22.81 1.15 0.00	25.69 1.46 0.00	29.05 1.81 0.00	39.54 2.67 0.00	40.58 2.77 0.00	26.75 1.97 0.00	23.47 1.73 0.00	23.97 1.62 0.00	23.01 1.34 0.00
UPPER RAQUET___HYD 24056	35.29 0.57 0.00	26.10 0.45 0.00	24.73 0.45 0.00	22.22 0.38 0.00	22.01 0.33 0.00	23.31 0.37 0.00	24.50 0.42 0.00	24.46 0.44 0.00	20.95 0.14 0.00	21.27 0.00 0.00	20.81 -0.04 0.00	21.36 0.06 0.00	21.07 0.15 0.00	21.34 -0.04 0.00	21.31 -0.12 0.00	21.49 -0.17 0.00	24.06 -0.17 0.00	27.12 -0.12 0.00	37.09 0.22 0.00	38.43 0.61 0.00	25.01 0.23 0.00	21.87 0.12 0.00	22.52 0.17 0.00	21.86 0.18 0.00
VALLEY44_115KV_TB2 355964	16.30 -2.27 16.15	15.19 -1.77 8.67	22.63 -1.65 0.00	19.57 -1.50 0.77	20.23 -1.45 0.00	21.53 -1.40 0.00	22.70 -1.37 0.00	22.78 -1.25 0.00	19.94 -0.88 0.00	20.40 -0.87 0.00	19.76 -1.10 0.00	20.02 -1.29 0.00	19.58 -1.34 0.00	19.99 -1.38 0.00	20.01 -1.41 0.00	20.31 -1.35 0.00	22.83 -1.39 0.00	25.56 -1.68 0.00	34.35 -2.29 0.23	35.66 -2.00 0.15	22.08 -1.34 1.36	20.59 -1.15 0.00	21.38 -0.97 0.00	20.81 -0.87 0.00
VALLEY___115KV_TB 1-4 80826	34.80 0.08 0.00	25.66 0.02 0.00	24.35 0.06 0.00	21.85 0.01 0.00	21.72 0.03 0.00	22.99 0.06 0.00	24.06 -0.02 0.00	23.91 -0.11 0.00	20.60 -0.21 0.00	21.02 -0.25 0.00	20.66 -0.19 0.00	21.08 -0.23 0.00	20.69 -0.23 0.00	21.14 -0.23 0.00	21.21 -0.22 0.00	21.40 -0.26 0.00	24.04 -0.19 0.00	27.16 -0.08 0.00	37.03 0.16 0.00	38.02 0.21 0.00	24.95 0.17 0.00	21.90 0.16 0.00	22.40 0.05 0.00	21.62 -0.06 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	35.72 1.00 0.00	26.29 0.65 0.00	24.87 0.58 0.00	22.33 0.50 0.00	22.19 0.51 0.00	23.48 0.54 0.00	24.66 0.58 0.00	24.60 0.58 0.00	21.41 0.60 0.00	22.01 0.73 0.00	21.58 0.72 0.00	22.00 0.69 0.00	21.60 0.68 0.00	22.07 0.70 0.00	22.14 0.72 0.00	22.39 0.73 0.00	25.12 0.89 0.00	28.30 1.06 0.00	38.28 1.46 0.05	39.27 1.49 0.03	25.71 0.93 0.00	22.51 0.78 0.00	23.07 0.72 0.00	22.27 0.60 0.00
VISCHER___FERRY HYD 24020	35.81 1.09 0.00	26.45 0.80 0.00	25.07 0.78 0.00	22.52 0.69 0.00	22.39 0.71 0.00	23.68 0.75 0.00	24.79 0.71 0.00	24.69 0.66 0.00	21.36 0.54 0.00	21.80 0.52 0.00	21.38 0.53 0.00	21.88 0.57 0.00	21.47 0.55 0.00	22.02 0.65 0.00	22.09 0.66 0.00	22.35 0.68 0.00	25.07 0.85 0.00	28.27 1.03 0.00	38.25 1.38 0.00	39.20 1.39 0.00	25.84 1.06 0.00	22.63 0.89 0.00	23.12 0.78 0.00	22.27 0.59 0.00
V_A_10_SYNC_DSASP 323832	22.85 -2.70 9.18	18.72 -1.99 4.93	22.51 -1.77 0.00	19.84 -1.56 0.44	20.10 -1.58 0.00	21.36 -1.58 0.00	22.50 -1.58 0.00	22.58 -1.44 0.00	19.69 -1.12 0.00	20.01 -1.27 0.00	19.41 -1.45 0.00	19.64 -1.66 0.00	19.28 -1.63 0.00	19.71 -1.67 0.00	19.66 -1.77 0.00	19.94 -1.73 0.00	22.41 -1.82 0.00	25.03 -2.21 0.00	33.46 -3.11 0.30	34.70 -2.91 0.20	22.20 -1.80 0.77	20.22 -1.52 0.00	21.02 -1.33 0.00	20.62 -1.06 0.00
V_CMM_10_SYNC_DSASP 323787	35.06 0.34 0.00	25.95 0.31 0.00	24.60 0.31 0.00	22.13 0.29 0.00	21.97 0.29 0.00	23.22 0.28 0.00	24.39 0.31 0.00	24.37 0.34 0.00	20.96 0.15 0.00	21.37 0.10 0.00	20.91 0.05 0.00	21.44 0.13 0.00	21.10 0.18 0.00	21.50 0.13 0.00	21.52 0.09 0.00	21.73 0.07 0.00	24.30 0.07 0.00	27.30 0.06 0.00	37.03 0.17 0.00	38.06 0.24 0.00	24.80 0.02 0.00	21.73 -0.01 0.00	22.41 0.07 0.00	21.79 0.12 0.00
V_CMP_10_SYNC_DSASP 323788	35.61 0.89 0.00	26.36 0.72 0.00	24.98 0.69 0.00	22.45 0.62 0.00	22.27 0.59 0.00	23.56 0.63 0.00	24.74 0.66 0.00	24.70 0.68 0.00	21.22 0.41 0.00	21.62 0.35 0.00	21.23 0.37 0.00	21.67 0.37 0.00	21.20 0.28 0.00	21.44 0.06 0.00	21.37 -0.05 0.00	21.60 -0.07 0.00	24.16 -0.07 0.00	27.36 0.12 0.00	37.45 0.58 0.00	38.58 0.77 0.00	25.09 0.31 0.00	21.80 0.06 0.00	22.46 0.11 0.00	21.86 0.19 0.00
V_D_10_SYNC_DSASP 323841	35.26 0.54 0.00	26.10 0.46 0.00	24.74 0.45 0.00	22.26 0.42 0.00	22.09 0.40 0.00	23.34 0.41 0.00	24.53 0.45 0.00	24.50 0.48 0.00	21.06 0.24 0.00	21.45 0.18 0.00	20.99 0.13 0.00	21.53 0.22 0.00	21.19 0.27 0.00	21.59 0.21 0.00	21.60 0.17 0.00	21.81 0.15 0.00	24.39 0.16 0.00	27.41 0.17 0.00	37.21 0.34 0.00	38.31 0.49 0.00	24.95 0.17 0.00	21.85 0.11 0.00	22.54 0.19 0.00	21.91 0.23 0.00
V_E_10_SYNC_DSASP 323830	60.82 1.37 -24.73	39.67 0.74 -13.28	25.35 1.06 -0.01	23.77 0.76 -1.17	22.50 0.82 0.00	23.91 0.97 0.00	25.05 0.97 0.00	24.97 0.95 0.00	21.61 0.80 0.00	22.18 0.90 0.00	21.42 0.57 0.00	21.87 0.57 0.00	21.24 0.33 0.00	21.51 0.13 0.00	21.52 0.09 0.00	21.80 0.14 0.00	24.61 0.39 0.00	28.13 0.89 0.00	38.46 1.67 0.07	40.04 2.28 0.05	28.18 1.32 -2.08	22.83 1.09 0.00	23.38 1.03 0.00	22.70 1.03 0.00
V_F_30_NSYNC___DSASP 323816	36.73 2.01 0.00	27.08 1.43 0.00	25.64 1.35 0.00	23.02 1.18 0.00	22.87 1.19 0.00	24.21 1.27 0.00	25.37 1.29 0.00	25.27 1.25 0.00	21.83 1.02 0.00	22.25 0.98 0.00	21.78 0.93 0.00	22.34 1.03 0.00	21.87 0.96 0.00	22.46 1.09 0.00	22.48 1.05 0.00	22.74 1.07 0.00	25.56 1.33 0.00	28.87 1.63 0.00	39.20 2.33 0.00	40.21 2.39 0.00	26.46 1.68 0.00	23.17 1.43 0.00	23.67 1.32 0.00	22.77 1.09 0.00

V_F_30_SYNC_DSASP 323786	35.21 0.49 0.00	26.04 0.39 0.00	24.77 0.48 0.00	22.24 0.40 0.00	22.11 0.43 0.00	23.38 0.44 0.00	24.49 0.40 0.00	24.38 0.36 0.00	21.05 0.23 0.00	21.51 0.24 0.00	21.16 0.30 0.00	21.63 0.32 0.00	21.24 0.33 0.00	21.76 0.38 0.00	21.85 0.42 0.00	22.12 0.46 0.00	24.73 0.50 0.00	27.87 0.63 0.00	37.67 0.81 0.00	38.56 0.74 0.00	25.41 0.63 0.00	22.29 0.55 0.00	22.74 0.40 0.00	21.91 0.24 0.00
V_XM_10_SYNC_DSASP 323789	35.61 0.89 0.00	26.36 0.72 0.00	24.98 0.69 0.00	22.45 0.62 0.00	22.27 0.59 0.00	23.56 0.63 0.00	24.74 0.66 0.00	24.70 0.68 0.00	21.22 0.41 0.00	21.62 0.35 0.00	21.23 0.37 0.00	21.67 0.37 0.00	21.20 0.28 0.00	21.44 0.06 0.00	21.37 -0.05 0.00	21.60 -0.07 0.00	24.16 -0.07 0.00	27.36 0.12 0.00	37.45 0.58 0.00	38.58 0.77 0.00	25.09 0.31 0.00	21.80 0.06 0.00	22.46 0.11 0.00	21.86 0.19 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	36.09 1.37 0.00	26.58 0.94 0.00	25.02 0.73 0.00	22.45 0.61 0.00	22.29 0.60 0.00	23.55 0.62 0.00	24.77 0.69 0.00	24.68 0.65 0.00	21.58 0.77 0.00	22.22 0.95 0.00	21.90 1.05 0.00	22.33 1.02 0.00	21.97 1.06 0.00	22.51 1.14 0.00	22.70 1.27 0.00	23.01 1.35 0.00	25.76 1.54 0.00	29.04 1.80 0.00	39.16 2.29 0.00	39.88 2.06 0.00	26.23 1.45 0.00	22.91 1.17 0.00	23.34 1.00 0.00	22.40 0.72 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	36.23 1.50 0.00	26.70 1.06 0.00	25.14 0.85 0.00	22.56 0.73 0.00	22.40 0.72 0.00	23.65 0.71 0.00	24.88 0.80 0.00	24.81 0.78 0.00	21.71 0.90 0.00	22.36 1.08 0.00	22.05 1.20 0.00	22.47 1.16 0.00	22.14 1.22 0.00	22.68 1.31 0.00	22.86 1.44 0.00	23.19 1.52 0.00	25.90 1.68 0.00	29.19 1.95 0.00	39.32 2.45 0.00	39.96 2.15 0.00	26.33 1.55 0.00	23.02 1.28 0.00	23.46 1.11 0.00	22.50 0.83 0.00
W50THST__13_KV_LOAD 356117	36.39 1.67 0.00	26.81 1.17 0.00	25.23 0.94 0.00	22.66 0.82 0.00	22.50 0.81 0.00	23.74 0.81 0.00	24.97 0.89 0.00	24.91 0.89 0.00	21.83 1.02 0.00	22.47 1.20 0.00	22.17 1.32 0.00	22.59 1.28 0.00	22.26 1.35 0.00	22.81 1.44 0.00	23.00 1.57 0.00	23.32 1.66 0.00	26.04 1.81 0.00	29.32 2.08 0.00	39.50 2.63 0.00	40.13 2.31 0.00	26.44 1.66 0.00	23.11 1.37 0.00	23.55 1.21 0.00	22.60 0.92 0.00
WADING RIVER_IC_1 23522	35.97 1.25 0.00	26.66 1.02 0.00	45.17 0.88 -20.01	62.55 0.80 -39.91	37.56 0.72 -15.15	37.79 0.69 -14.16	31.20 0.74 -6.38	25.70 0.63 -1.04	26.32 0.82 -4.69	36.71 1.06 -14.37	26.75 1.25 -4.64	26.80 1.20 -4.29	30.25 1.21 -8.13	34.57 1.29 -11.90	51.12 1.46 -28.23	37.16 1.66 -13.85	75.15 1.93 -48.99	50.11 2.42 -20.46	62.91 3.15 -22.89	40.44 2.63 0.00	26.62 1.85 0.00	23.51 1.41 -0.36	26.14 1.22 -2.57	22.47 0.80 0.00
WADING RIVER_IC_2 23547	35.97 1.25 0.00	26.66 1.02 0.00	45.17 0.88 -20.01	62.55 0.80 -39.91	37.56 0.72 -15.15	37.79 0.69 -14.16	31.20 0.74 -6.38	25.70 0.63 -1.04	26.32 0.82 -4.69	36.71 1.06 -14.37	26.75 1.25 -4.64	26.80 1.20 -4.29	30.25 1.21 -8.13	34.57 1.29 -11.90	51.12 1.46 -28.23	37.16 1.66 -13.85	75.15 1.93 -48.99	50.11 2.42 -20.46	62.91 3.15 -22.89	40.44 2.63 0.00	26.62 1.85 0.00	23.51 1.41 -0.36	26.14 1.22 -2.57	22.47 0.80 0.00
WADING RIVER_IC_3 23601	35.97 1.25 0.00	26.66 1.02 0.00	45.17 0.88 -20.01	62.55 0.80 -39.91	37.56 0.72 -15.15	37.79 0.69 -14.16	31.20 0.74 -6.38	25.70 0.63 -1.04	26.32 0.82 -4.69	36.71 1.06 -14.37	26.75 1.25 -4.64	26.80 1.20 -4.29	30.25 1.21 -8.13	34.57 1.29 -11.90	51.12 1.46 -28.23	37.16 1.66 -13.85	75.15 1.93 -48.99	50.11 2.42 -20.46	62.91 3.15 -22.89	40.44 2.63 0.00	26.62 1.85 0.00	23.51 1.41 -0.36	26.14 1.22 -2.57	22.47 0.80 0.00
WALDENNY_12_KV_BK2 80841	19.34 -2.65 12.73	16.83 -1.97 6.84	22.49 -1.79 0.00	19.65 -1.58 0.60	20.08 -1.61 0.00	21.35 -1.59 0.00	22.53 -1.55 0.00	22.64 -1.38 0.00	19.75 -1.06 0.00	20.05 -1.22 0.00	19.43 -1.42 0.00	19.64 -1.66 0.00	19.33 -1.59 0.00	19.73 -1.65 0.00	19.68 -1.75 0.00	19.99 -1.67 0.00	22.49 -1.74 0.00	25.11 -2.13 0.00	33.62 -2.98 0.26	34.96 -2.69 0.17	22.04 -1.67 1.07	20.34 -1.40 0.00	21.16 -1.18 0.00	20.73 -0.95 0.00
WALDEN__HYDRO 24148	35.99 1.26 0.00	26.51 0.87 0.00	24.98 0.69 0.00	22.41 0.57 0.00	22.25 0.56 0.00	23.51 0.58 0.00	24.71 0.63 0.00	24.63 0.60 0.00	21.50 0.69 0.00	22.10 0.83 0.00	21.76 0.91 0.00	22.21 0.90 0.00	21.84 0.93 0.00	22.38 1.00 0.00	22.56 1.13 0.00	22.85 1.19 0.00	25.59 1.36 0.00	28.86 1.63 0.00	38.96 2.10 0.00	39.73 1.91 0.00	26.12 1.35 0.00	22.83 1.09 0.00	23.26 0.92 0.00	22.34 0.67 0.00
WARRENSBURG____ 23737	37.23 2.51 0.00	27.41 1.77 0.00	25.94 1.64 0.00	23.27 1.44 0.00	23.12 1.43 0.00	24.48 1.55 0.00	25.69 1.61 0.00	25.63 1.61 0.00	22.12 1.30 0.00	22.52 1.25 0.00	21.93 1.08 0.00	22.53 1.22 0.00	21.97 1.05 0.00	22.63 1.26 0.00	22.60 1.17 0.00	22.81 1.15 0.00	25.69 1.46 0.00	29.05 1.81 0.00	39.54 2.67 0.00	40.58 2.77 0.00	26.75 1.97 0.00	23.47 1.73 0.00	23.97 1.62 0.00	23.01 1.34 0.00
WATERSIDE____6 8 9 23538	35.53 1.63 0.82	24.24 1.16 2.57	22.30 0.93 2.92	19.31 0.83 3.36	19.13 0.80 3.36	20.86 0.78 2.85	24.23 0.87 0.72	21.95 0.83 2.91	18.28 0.99 3.52	19.03 1.16 3.40	15.90 1.27 6.23	18.74 1.23 3.80	18.61 1.29 3.60	19.17 1.37 3.57	19.48 1.49 3.44	19.73 1.56 3.49	23.27 1.71 2.67	26.37 2.01 2.88	39.11 2.56 0.31	39.69 2.24 0.36	23.71 1.64 2.71	18.37 1.35 4.73	20.19 1.15 3.31	19.15 0.88 3.40
WATKINRD_115KV_LN8_ILLION 55919	34.77 0.05 0.00	25.64 0.00 0.00	24.31 0.02 0.00	21.83 -0.01 0.00	21.69 0.00 0.00	22.95 0.01 0.00	24.05 -0.03 0.00	23.93 -0.09 0.00	20.65 -0.16 0.00	21.09 -0.19 0.00	20.72 -0.14 0.00	21.17 -0.14 0.00	20.77 -0.15 0.00	21.24 -0.13 0.00	21.31 -0.12 0.00	21.55 -0.11 0.00	24.16 -0.07 0.00	27.24 0.00 0.00	37.02 0.15 0.00	38.00 0.18 0.00	24.94 0.17 0.00	21.91 0.17 0.00	22.41 0.07 0.00	21.63 -0.04 0.00
WATSON__69_KV_BK 1 55734	36.90 2.18 0.00	27.35 1.71 0.00	45.78 1.49 -20.01	63.00 1.25 -39.91	38.01 1.17 -15.15	38.29 1.20 -14.16	31.76 1.30 -6.38	26.33 1.26 -1.04	26.86 1.36 -4.69	37.24 1.60 -14.37	27.19 1.69 -4.64	27.30 1.71 -4.29	30.76 1.72 -8.13	35.12 1.84 -11.90	51.66 2.01 -28.23	37.67 2.16 -13.85	75.68 2.46 -48.99	50.64 2.95 -20.46	63.52 3.76 -22.89	41.21 3.39 0.00	27.15 2.37 0.00	24.03 1.93 -0.35	26.70 1.78 -2.57	23.05 1.37 0.00
WDELAWARE__HYD 323627	35.50 0.78 0.00	26.13 0.48 0.00	24.59 0.31 0.00	22.06 0.23 0.00	21.89 0.21 0.00	23.15 0.22 0.00	24.34 0.27 0.00	24.28 0.25 0.00	21.20 0.39 0.00	21.75 0.48 0.00	21.41 0.55 0.00	21.83 0.52 0.00	21.48 0.57 0.00	22.00 0.63 0.00	22.14 0.72 0.00	22.46 0.79 0.00	25.17 0.95 0.00	28.44 1.20 0.00	38.46 1.59 0.00	39.23 1.41 0.00	25.77 0.99 0.00	22.50 0.76 0.00	22.93 0.58 0.00	22.02 0.34 0.00

WEST BABYLON___IC 23714	36.87 2.15 0.00	27.32 1.67 0.00	45.73 1.44 -20.01	62.94 1.19 -39.91	37.97 1.14 -15.15	38.25 1.16 -14.16	31.72 1.25 -6.38	26.29 1.23 -1.04	26.83 1.33 -4.69	37.20 1.56 -14.37	27.11 1.61 -4.64	27.20 1.61 -4.29	30.66 1.62 -8.13	35.02 1.74 -11.90	51.55 1.89 -28.23	37.52 2.01 -13.85	75.50 2.29 -48.99	50.41 2.72 -20.46	63.22 3.46 -22.89	40.93 3.12 0.00	27.01 2.23 0.00	23.93 1.84 -0.35	26.64 1.73 -2.57	23.01 1.34 0.00
WEST CANADA___HYD 24049	34.76 0.04 0.00	25.66 0.01 0.00	24.30 0.01 0.00	21.84 0.00 0.00	21.68 0.00 0.00	22.94 0.00 0.00	24.08 0.00 0.00	24.01 -0.01 0.00	20.81 0.00 0.00	21.28 0.00 0.00	20.88 0.02 0.00	21.32 0.01 0.00	20.91 0.00 0.00	21.39 0.01 0.00	21.45 0.02 0.00	21.68 0.02 0.00	24.26 0.03 0.00	27.30 0.06 0.00	36.96 0.09 0.00	37.90 0.08 0.00	24.87 0.09 0.00	21.81 0.07 0.00	22.39 0.04 0.00	21.70 0.02 0.00
WESTERN_NY_WIND 24143	23.00 -1.83 9.89	18.93 -1.40 5.31	23.00 -1.29 0.00	20.25 -1.12 0.47	20.53 -1.16 0.00	21.82 -1.12 0.00	23.00 -1.08 0.00	23.10 -0.92 0.00	20.05 -0.76 0.00	20.28 -0.99 0.00	19.68 -1.17 0.00	19.91 -1.40 0.00	19.76 -1.16 0.00	19.94 -1.43 0.00	19.83 -1.60 0.00	20.13 -1.53 0.00	22.62 -1.61 0.00	25.37 -1.87 0.00	34.22 -2.36 0.28	35.75 -1.88 0.19	22.87 -1.08 0.83	20.80 -0.94 0.00	21.58 -0.77 0.00	21.14 -0.54 0.00
WESTOVER___LESR 323668	29.07 -0.64 5.01	22.42 -0.53 2.69	23.83 -0.46 0.00	21.14 -0.45 0.24	21.26 -0.43 0.00	22.54 -0.40 0.00	23.69 -0.39 0.00	23.67 -0.36 0.00	20.61 -0.21 0.00	21.09 -0.19 0.00	20.64 -0.21 0.00	20.99 -0.31 0.00	20.59 -0.33 0.00	21.03 -0.34 0.00	21.10 -0.33 0.00	21.36 -0.31 0.00	23.98 -0.25 0.00	26.98 -0.26 0.00	36.47 -0.31 0.08	37.56 -0.20 0.05	24.15 -0.21 0.42	21.56 -0.18 0.00	22.16 -0.18 0.00	21.47 -0.21 0.00
WETHRSFD_WT_PWR 323626	16.04 -2.63 16.05	15.03 -1.99 8.62	22.49 -1.80 0.00	19.48 -1.60 0.76	20.08 -1.60 0.00	21.38 -1.55 0.00	22.55 -1.53 0.00	22.64 -1.38 0.00	19.73 -1.08 0.00	19.99 -1.29 0.00	19.37 -1.48 0.00	19.58 -1.73 0.00	19.25 -1.66 0.00	19.67 -1.71 0.00	19.63 -1.79 0.00	19.91 -1.75 0.00	22.49 -1.74 0.00	25.15 -2.09 0.00	33.84 -2.80 0.23	35.24 -2.42 0.15	21.88 -1.55 1.35	20.45 -1.29 0.00	21.20 -1.15 0.00	20.68 -1.00 0.00
WHAVSTOR_138KV_BK127 55557	35.95 1.23 0.00	26.49 0.84 0.00	24.94 0.65 0.00	22.37 0.54 0.00	22.21 0.52 0.00	23.47 0.54 0.00	24.68 0.60 0.00	24.58 0.55 0.00	21.50 0.69 0.00	22.13 0.85 0.00	21.81 0.96 0.00	22.24 0.93 0.00	21.88 0.96 0.00	22.42 1.05 0.00	22.60 1.17 0.00	22.92 1.25 0.00	25.64 1.41 0.00	28.90 1.66 0.00	38.97 2.10 0.00	39.68 1.87 0.00	26.11 1.34 0.00	22.81 1.07 0.00	23.25 0.90 0.00	22.31 0.64 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	35.95 1.23 0.00	26.49 0.84 0.00	24.94 0.65 0.00	22.37 0.54 0.00	22.21 0.52 0.00	23.47 0.54 0.00	24.68 0.60 0.00	24.58 0.55 0.00	21.50 0.69 0.00	22.13 0.85 0.00	21.81 0.96 0.00	22.24 0.93 0.00	21.88 0.96 0.00	22.42 1.05 0.00	22.60 1.17 0.00	22.92 1.25 0.00	25.64 1.41 0.00	28.90 1.66 0.00	38.97 2.10 0.00	39.68 1.87 0.00	26.11 1.34 0.00	22.81 1.07 0.00	23.25 0.90 0.00	22.31 0.64 0.00
WHITEHAL_115KV_TB1 80871	37.68 2.96 0.00	27.72 2.07 0.00	26.16 1.87 0.00	23.44 1.60 0.00	23.33 1.64 0.00	24.75 1.82 0.00	26.03 1.95 0.00	26.09 2.06 0.00	22.39 1.58 0.00	22.74 1.47 0.00	22.18 1.33 0.00	22.78 1.47 0.00	22.31 1.39 0.00	22.95 1.58 0.00	22.91 1.49 0.00	23.09 1.43 0.00	26.12 1.90 0.00	29.55 2.31 0.00	39.78 2.92 0.00	40.92 3.11 0.00	26.79 2.01 0.00	23.72 1.97 0.00	24.28 1.94 0.00	23.18 1.51 0.00
WHITEPLN_13_KV_LOAD 356215	36.49 1.76 0.00	26.88 1.24 0.00	25.30 1.01 0.00	22.69 0.86 0.00	22.53 0.84 0.00	23.79 0.86 0.00	25.02 0.94 0.00	24.94 0.92 0.00	21.82 1.01 0.00	22.46 1.19 0.00	22.14 1.28 0.00	22.57 1.26 0.00	22.22 1.31 0.00	22.78 1.40 0.00	22.97 1.54 0.00	23.29 1.63 0.00	26.06 1.84 0.00	29.38 2.14 0.00	39.61 2.75 0.00	40.32 2.50 0.00	26.53 1.75 0.00	23.18 1.43 0.00	23.60 1.25 0.00	22.63 0.96 0.00
WM_FLOYD_69_KV_BK2 356380	36.30 1.57 0.00	26.92 1.27 0.00	45.41 1.12 -20.01	62.71 0.96 -39.91	37.72 0.88 -15.15	37.97 0.88 -14.16	31.40 0.94 -6.38	25.93 0.87 -1.04	26.52 1.02 -4.69	36.89 1.24 -14.37	26.92 1.43 -4.64	26.96 1.37 -4.29	30.41 1.37 -8.13	34.72 1.44 -11.90	51.26 1.60 -28.23	37.31 1.80 -13.85	75.31 2.09 -48.99	50.29 2.59 -20.46	63.11 3.36 -22.89	40.74 2.92 0.00	26.81 2.03 0.00	23.69 1.60 -0.35	26.35 1.43 -2.57	22.69 1.01 0.00
WOODARD__115KV_TB2 355635	34.15 -0.57 0.00	25.19 -0.45 0.00	23.88 -0.41 0.00	21.46 -0.38 0.00	21.30 -0.38 0.00	22.55 -0.38 0.00	23.69 -0.39 0.00	23.64 -0.38 0.00	20.52 -0.29 0.00	20.98 -0.30 0.00	20.55 -0.31 0.00	20.95 -0.36 0.00	20.53 -0.39 0.00	20.97 -0.40 0.00	20.99 -0.43 0.00	21.22 -0.45 0.00	23.75 -0.48 0.00	26.73 -0.51 0.00	36.11 -0.67 0.08	37.15 -0.61 0.05	24.38 -0.40 0.00	21.38 -0.36 0.00	21.98 -0.37 0.00	21.41 -0.26 0.00
YORK___WARBASSE 23770	40.56 1.82 -4.01	39.54 1.29 -12.60	39.69 1.06 -14.34	39.29 0.95 -16.49	39.13 0.92 -16.52	37.83 0.91 -13.99	28.61 0.99 -3.54	39.22 0.93 -14.27	39.18 1.09 -17.28	39.23 1.26 -16.70	52.83 1.37 -30.60	43.17 1.32 -20.54	42.68 1.39 -20.37	40.54 1.46 -17.70	40.44 1.58 -17.42	40.48 1.67 -17.15	39.18 1.83 -13.12	46.87 2.16 -17.48	41.15 2.77 -1.51	42.06 2.45 -1.79	39.88 1.79 -13.31	48.10 1.48 -24.88	39.88 1.27 -16.26	39.38 1.00 -16.70