

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

10/04/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	39.68	33.42	31.80	33.30	31.43	35.83	33.02	39.57	34.53	31.20	30.69	28.93	30.38	31.43	35.88	42.36	52.75	86.27	83.93	87.33	50.24	39.92	37.98	36.55
24138	1.02	1.03	0.84	0.78	0.80	0.99	1.10	1.35	1.16	1.16	1.35	1.30	1.45	1.59	1.88	2.16	2.19	3.28	2.51	2.47	1.30	1.27	1.45	1.54
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	39.80	33.48	31.85	33.36	31.48	35.90	33.07	39.65	34.56	31.18	30.68	28.91	30.36	31.41	35.86	42.34	52.81	86.39	84.03	87.46	50.31	39.98	38.01	36.58
24260	1.14	1.09	0.89	0.85	0.86	1.06	1.15	1.43	1.20	1.15	1.33	1.28	1.43	1.57	1.86	2.14	2.25	3.40	2.60	2.60	1.37	1.33	1.48	1.58
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	39.80	33.48	31.85	33.36	31.48	35.90	33.07	39.65	34.56	31.18	30.68	28.91	30.36	31.41	35.86	42.34	52.81	86.39	84.03	87.46	50.31	39.98	38.01	36.58
24261	1.14	1.09	0.89	0.85	0.86	1.06	1.15	1.43	1.20	1.15	1.33	1.28	1.43	1.57	1.86	2.14	2.25	3.40	2.60	2.60	1.37	1.33	1.48	1.58
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	39.92	33.42	31.95	33.54	31.65	36.16	33.21	39.77	34.29	30.55	29.65	27.81	29.08	29.93	34.36	40.86	52.03	86.14	84.13	87.68	50.92	40.17	37.89	36.20
24011	1.26	1.03	0.99	1.02	1.03	1.31	1.29	1.55	0.92	0.52	0.31	0.17	0.15	0.22	0.36	0.66	1.48	3.15	2.71	2.82	1.98	1.52	1.36	1.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	40.05	33.53	32.08	33.68	31.80	36.37	33.44	40.03	34.38	30.60	29.63	27.81	29.06	29.94	34.39	40.96	52.31	86.73	84.65	88.17	51.37	40.48	38.17	36.39
23798	1.39	1.13	1.12	1.17	1.18	1.52	1.52	1.81	1.01	0.56	0.29	0.17	0.13	0.23	0.40	0.76	1.75	3.74	3.22	3.31	2.43	1.83	1.64	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	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	39.92	33.42	31.95	33.54	31.65	36.16	33.21	39.77	34.29	30.55	29.65	27.81	29.08	29.93	34.36	40.86	52.03	86.14	84.13	87.68	50.92	40.17	37.89	36.20
24028	1.26	1.03	0.99	1.02	1.03	1.31	1.29	1.55	0.92	0.52	0.31	0.17	0.15	0.22	0.36	0.66	1.48	3.15	2.71	2.82	1.98	1.52	1.36	1.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	39.47	32.98	31.50	33.05	31.21	35.64	32.81	39.36	33.95	30.39	29.61	27.70	28.95	29.65	34.08	40.38	51.04	83.88	81.50	85.16	49.63	39.27	37.09	35.70
23527	0.82	0.58	0.55	0.54	0.59	0.79	0.89	1.14	0.59	0.36	0.27	0.07	0.02	0.01	0.08	0.19	0.49	0.89	0.07	0.30	0.69	0.63	0.56	0.69
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	38.32	32.13	30.74	32.22	30.45	34.57	31.84	38.18	33.13	29.73	29.09	27.34	28.61	29.39	33.58	39.60	49.76	81.60	79.50	82.99	48.05	38.10	36.00	34.59
24190	-0.34	-0.26	-0.22	-0.30	-0.17	-0.27	-0.09	-0.04	-0.23	-0.31	-0.25	-0.30	-0.32	-0.33	-0.42	-0.59	-0.80	-1.39	-1.93	-1.88	-0.89	-0.55	-0.53	-0.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	39.17	32.80	31.36	32.97	31.05	35.35	32.34	38.68	33.98	30.71	29.96	28.22	29.52	30.33	34.64	40.93	51.53	84.60	83.32	86.97	50.14	39.44	37.19	35.52
355683	0.52	0.41	0.40	0.45	0.43	0.51	0.42	0.46	0.62	0.67	0.62	0.59	0.58	0.57	0.65	0.74	0.97	1.61	1.89	2.11	1.20	0.80	0.66	0.52
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	39.23	32.86	31.45	33.00	31.14	35.42	32.55	38.99	33.73	30.05	29.29	27.53	28.80	29.56	33.72	39.42	49.53	81.78	79.90	83.36	48.29	38.27	36.14	34.72
323833	0.57	0.47	0.49	0.48	0.52	0.57	0.63	0.77	0.37	0.02	-0.05	-0.11	-0.14	-0.17	-0.27	-0.78	-1.03	-1.22	-1.52	-1.50	-0.65	-0.37	-0.39	-0.29
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	39.21	32.85	31.44	32.99	31.13	35.41	32.54	38.99	33.73	30.05	29.29	27.53	28.80	29.56	33.72	39.40	49.52	81.75	79.87	83.35	48.26	38.26	36.13	34.70
323834	0.55	0.46	0.48	0.47	0.51	0.56	0.62	0.77	0.36	0.01	-0.05	-0.11	-0.14	-0.17	-0.28	-0.79	-1.04	-1.25	-1.55	-1.52	-0.68	-0.39	-0.40	-0.31
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	38.32	32.13	30.74	32.22	30.45	34.57	31.84	38.18	33.13	29.73	29.09	27.34	28.61	29.39	33.58	39.60	49.76	81.60	79.50	82.99	48.05	38.10	36.00	34.59
23571	-0.34	-0.26	-0.22	-0.30	-0.17	-0.27	-0.09	-0.04	-0.23	-0.31	-0.25	-0.30	-0.32	-0.33	-0.42	-0.59	-0.80	-1.39	-1.93	-1.88	-0.89	-0.55	-0.53	-0.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	38.32 -0.34 0.00	32.13 -0.26 0.00	30.74 -0.22 0.00	32.22 -0.30 0.00	30.45 -0.17 0.00	34.57 -0.27 0.00	31.84 -0.09 0.00	38.18 -0.04 0.00	33.13 -0.23 0.00	29.73 -0.31 0.00	29.09 -0.25 0.00	27.34 -0.30 0.00	28.61 -0.32 0.00	29.39 -0.33 0.04	33.58 -0.42 0.00	39.60 -0.59 0.00	49.76 -0.80 0.00	81.60 -1.39 0.00	79.50 -1.93 0.00	82.99 -1.88 0.00	48.05 -0.89 0.00	38.10 -0.55 0.00	36.00 -0.53 0.00	34.59 -0.42 0.00
ALBANY___3 23573	38.32 -0.34 0.00	32.13 -0.26 0.00	30.74 -0.22 0.00	32.22 -0.30 0.00	30.45 -0.17 0.00	34.57 -0.27 0.00	31.84 -0.09 0.00	38.18 -0.04 0.00	33.13 -0.23 0.00	29.73 -0.31 0.00	29.09 -0.25 0.00	27.34 -0.30 0.00	28.61 -0.32 0.00	29.39 -0.33 0.04	33.58 -0.42 0.00	39.60 -0.59 0.00	49.76 -0.80 0.00	81.60 -1.39 0.00	79.50 -1.93 0.00	82.99 -1.88 0.00	48.05 -0.89 0.00	38.10 -0.55 0.00	36.00 -0.53 0.00	34.59 -0.42 0.00
ALBANY___4 23574	38.32 -0.34 0.00	32.13 -0.26 0.00	30.74 -0.22 0.00	32.22 -0.30 0.00	30.45 -0.17 0.00	34.57 -0.27 0.00	31.84 -0.09 0.00	38.18 -0.04 0.00	33.13 -0.23 0.00	29.73 -0.31 0.00	29.09 -0.25 0.00	27.34 -0.30 0.00	28.61 -0.32 0.00	29.39 -0.33 0.04	33.58 -0.42 0.00	39.60 -0.59 0.00	49.76 -0.80 0.00	81.60 -1.39 0.00	79.50 -1.93 0.00	82.99 -1.88 0.00	48.05 -0.89 0.00	38.10 -0.55 0.00	36.00 -0.53 0.00	34.59 -0.42 0.00
ALBANY___LFGE 323615	38.72 0.06 0.00	32.46 0.06 0.00	31.05 0.09 0.00	32.55 0.03 0.00	30.75 0.12 0.00	34.92 0.08 0.00	32.16 0.23 0.00	38.55 0.33 0.00	33.45 0.08 0.00	29.99 -0.04 0.00	29.35 0.01 0.00	27.57 -0.06 0.00	28.86 -0.07 0.00	29.65 -0.06 0.05	33.92 -0.07 0.00	40.06 -0.14 0.00	50.39 -0.16 0.00	82.70 -0.29 0.00	80.61 -0.81 0.00	84.10 -0.76 0.00	48.69 -0.26 0.00	38.56 -0.09 0.00	36.44 -0.09 0.00	35.00 -0.01 0.00
ALCOA_PA_115KV_PL-6C 55860	39.36 0.71 0.00	32.96 0.57 0.00	31.51 0.55 0.00	33.13 0.61 0.00	31.19 0.58 0.00	35.53 0.68 0.00	32.49 0.57 0.00	38.89 0.67 0.00	34.15 0.78 0.00	30.85 0.82 0.00	30.08 0.74 0.00	28.32 0.68 0.00	29.62 0.70 0.00	30.43 0.66 0.00	34.75 0.76 0.00	41.07 0.88 0.00	51.72 1.17 0.00	85.01 2.02 0.00	83.86 2.43 0.00	87.53 2.67 0.00	50.46 1.52 0.00	39.67 1.03 0.00	37.39 0.87 0.00	35.71 0.71 0.00
ALCOA_RYNLDS___DRP 24188	39.36 0.71 0.00	32.96 0.57 0.00	31.51 0.55 0.00	33.13 0.61 0.00	31.19 0.58 0.00	35.53 0.68 0.00	32.49 0.57 0.00	38.89 0.67 0.00	34.15 0.78 0.00	30.85 0.82 0.00	30.08 0.74 0.00	28.32 0.68 0.00	29.62 0.70 0.00	30.43 0.66 0.00	34.75 0.76 0.00	41.07 0.88 0.00	51.72 1.17 0.00	85.01 2.02 0.00	83.86 2.43 0.00	87.53 2.67 0.00	50.46 1.52 0.00	39.67 1.03 0.00	37.39 0.87 0.00	35.71 0.71 0.00
ALCOA___DSASP 323711	39.36 0.71 0.00	32.96 0.57 0.00	31.51 0.55 0.00	33.13 0.61 0.00	31.19 0.57 0.00	35.53 0.68 0.00	32.49 0.57 0.00	38.89 0.67 0.00	34.14 0.78 0.00	30.85 0.82 0.00	30.08 0.74 0.00	28.32 0.68 0.00	29.62 0.70 0.00	30.43 0.66 0.00	34.75 0.76 0.00	41.07 0.88 0.00	51.72 1.17 0.00	85.01 2.02 0.00	83.86 2.43 0.00	87.53 2.67 0.00	50.46 1.52 0.00	39.67 1.03 0.00	37.39 0.87 0.00	35.71 0.71 0.00
ALLEGHENY___COGEN 23514	40.00 1.35 0.00	33.57 1.18 0.00	32.04 1.08 0.00	33.72 1.20 0.00	31.60 0.98 0.00	35.99 1.14 0.00	32.73 0.81 0.00	39.12 0.90 0.00	34.23 0.87 0.00	30.43 0.40 0.00	29.59 0.25 0.00	28.06 0.43 0.00	29.38 0.45 0.00	30.23 0.47 0.00	34.42 0.42 0.00	40.74 0.55 0.00	51.26 0.70 0.00	84.21 1.22 0.00	85.38 3.95 0.00	89.49 4.63 0.00	51.17 2.23 0.00	39.94 1.29 0.00	37.71 1.18 0.00	36.02 1.01 0.00
ALTAMONT_115KV_TB 2 55880	38.76 0.10 0.00	32.49 0.09 0.00	31.06 0.10 0.00	32.58 0.06 0.00	30.74 0.12 0.00	34.98 0.13 0.00	32.12 0.20 0.00	38.51 0.29 0.00	33.46 0.09 0.00	30.04 0.01 0.00	29.40 0.06 0.00	27.65 0.01 0.00	28.94 0.01 0.00	29.74 0.00 0.03	33.97 -0.03 0.00	40.09 -0.11 0.00	50.32 -0.24 0.00	82.49 -0.51 0.00	80.44 -0.98 0.00	83.91 -0.96 0.00	48.55 -0.39 0.00	38.50 -0.15 0.00	36.42 -0.11 0.00	34.99 -0.02 0.00
ALTONA_WT_PWR 323606	39.04 0.39 0.00	32.52 0.12 0.00	30.91 -0.04 0.00	32.61 0.09 0.00	30.86 0.24 0.00	35.48 0.63 0.00	32.77 0.85 0.00	39.23 1.01 0.00	34.69 1.33 0.00	31.43 1.40 0.00	30.73 1.38 0.00	28.97 1.33 0.00	30.23 1.30 0.00	31.09 1.33 0.00	35.61 1.61 0.00	42.34 2.14 0.00	53.83 3.28 0.00	88.95 5.96 0.00	86.87 5.45 0.00	91.00 6.14 0.00	52.34 3.40 0.00	41.09 2.45 0.00	38.59 2.06 0.00	36.52 1.52 0.00
AMERICAN_REF_FUEL 24010	37.63 -1.03 0.00	31.74 -0.65 0.00	30.31 -0.65 0.00	31.89 -0.63 0.00	29.84 -0.78 0.00	33.85 -1.00 0.00	30.38 -1.54 0.00	35.88 -2.34 0.00	32.11 -1.26 0.00	29.44 -0.59 0.00	28.83 -0.51 0.00	27.40 -0.24 0.00	28.67 -0.26 0.00	29.47 -0.29 0.00	33.31 -0.69 0.00	39.30 -0.89 0.00	48.70 -1.85 0.00	78.95 -4.04 0.00	78.89 -2.54 0.00	81.83 -3.03 0.00	46.86 -2.08 0.00	36.81 -1.83 0.00	35.07 -1.46 0.00	33.87 -1.14 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	38.53 -0.13 0.00	32.33 -0.06 0.00	30.69 -0.27 0.00	32.37 -0.15 0.00	30.25 -0.38 0.00	34.55 -0.29 0.00	31.27 -0.65 0.00	37.28 -0.93 0.00	33.24 -0.12 0.00	30.34 0.31 0.00	29.60 0.26 0.00	28.21 0.58 0.00	29.51 0.58 0.00	30.30 0.54 0.00	34.34 0.34 0.00	40.79 0.60 0.00	50.95 0.39 0.00	82.53 -0.46 0.00	82.61 1.19 0.00	85.81 0.94 0.00	49.16 0.21 0.00	38.36 -0.29 0.00	36.43 -0.10 0.00	34.81 -0.19 0.00
ARTHUR KILL_GT_1 23520	39.47 0.82 0.00	33.22 0.83 0.00	31.55 0.59 0.00	33.04 0.52 0.00	31.18 0.56 0.00	35.57 0.73 0.00	32.76 0.83 -0.01	39.21 0.99 0.00	34.23 0.86 -0.01	30.90 0.85 -0.01	30.37 1.03 0.00	28.60 0.97 0.00	30.01 1.09 0.00	31.07 1.23 -0.08	35.46 1.46 0.00	41.80 1.61 0.00	52.04 1.49 0.00	85.50 2.50 0.00	83.32 1.89 0.00	86.71 1.85 0.00	49.80 0.86 0.00	39.68 1.03 0.00	37.74 1.21 0.00	36.42 1.41 0.00
ARTHUR_KILL_2 23512	39.37 0.72 0.00	33.14 0.74 0.00	31.48 0.53 0.00	32.96 0.44 0.00	31.11 0.49 0.00	35.49 0.64 0.00	32.69 0.76 -0.01	39.12 0.90 0.00	34.13 0.76 -0.01	30.82 0.78 -0.01	30.31 0.96 0.00	28.54 0.90 0.00	29.95 1.03 0.00	31.00 1.16 -0.08	35.38 1.39 0.00	41.70 1.50 0.00	51.89 1.33 0.00	85.23 2.24 0.00	83.04 1.61 0.00	86.42 1.56 0.00	49.64 0.69 0.00	39.55 0.90 0.00	37.62 1.09 0.00	36.31 1.30 0.00
ARTHUR_KILL_3 23513	39.26 0.61 0.00	33.04 0.64 0.00	31.42 0.46 0.00	32.90 0.38 0.00	31.05 0.43 0.00	35.41 0.56 0.00	32.62 0.70 0.00	39.09 0.87 0.00	34.08 0.71 0.00	30.78 0.75 0.00	30.29 0.95 0.00	28.53 0.90 0.00	29.94 1.01 0.00	30.99 1.15 -0.08	35.36 1.37 0.00	41.77 1.57 0.00	52.11 1.56 0.00	85.29 2.30 0.00	82.97 1.54 0.00	86.33 1.47 0.00	49.66 0.72 0.00	39.46 0.82 0.00	37.55 1.02 0.00	36.15 1.14 0.00

ARTHUR_KILL_COGEN 323718	39.47 0.82 0.00	33.22 0.83 0.00	31.55 0.59 0.00	33.04 0.52 0.00	31.18 0.56 0.00	35.57 0.73 0.00	32.76 0.83 -0.01	39.21 0.99 0.00	34.22 0.85 -0.01	30.90 0.85 -0.01	30.37 1.03 0.00	28.60 0.96 0.00	30.02 1.09 0.00	31.07 1.23 -0.08	35.46 1.46 0.00	41.80 1.61 0.00	52.04 1.49 0.00	85.50 2.50 0.00	83.32 1.90 0.00	86.70 1.84 0.00	49.80 0.85 0.00	39.68 1.03 0.00	37.74 1.21 0.00	36.42 1.41 0.00
ASHOKAN____ 23654	39.21 0.56 0.00	32.84 0.45 0.00	31.34 0.38 0.00	32.84 0.32 0.00	31.00 0.38 0.00	35.32 0.47 0.00	32.52 0.60 0.00	39.03 0.81 0.00	33.90 0.54 0.00	30.37 0.33 0.00	29.62 0.27 0.00	27.78 0.14 0.00	29.05 0.12 0.00	30.03 0.27 0.00	34.16 0.17 0.00	40.49 0.30 0.00	51.02 0.46 0.00	84.12 1.13 0.00	82.41 0.99 0.00	85.95 1.09 0.00	49.62 0.67 0.00	39.27 0.63 0.00	37.11 0.58 0.00	35.56 0.55 0.00
ASTORIA_EAST_ENERGY_CC1 323581	39.69 1.03 0.00	33.42 1.02 0.00	31.77 0.81 0.00	33.27 0.75 0.00	31.39 0.77 0.00	35.81 0.96 0.00	32.99 1.06 -0.01	39.53 1.31 0.00	34.46 1.09 -0.01	31.07 1.03 -0.01	30.56 1.21 0.00	28.79 1.16 0.00	30.24 1.31 0.00	31.28 1.44 -0.08	35.70 1.70 0.00	42.10 1.91 0.00	52.49 1.93 0.00	85.94 2.95 0.00	83.57 2.15 0.00	86.95 2.09 0.00	50.05 1.11 0.00	39.79 1.14 0.00	37.93 1.40 0.00	36.49 1.48 0.00
ASTORIA_EAST_ENERGY_CC2 323582	39.69 1.03 0.00	33.42 1.02 0.00	31.77 0.81 0.00	33.27 0.75 0.00	31.39 0.77 0.00	35.81 0.96 0.00	32.99 1.06 -0.01	39.53 1.31 0.00	34.46 1.09 -0.01	31.07 1.03 -0.01	30.56 1.21 0.00	28.79 1.16 0.00	30.24 1.31 0.00	31.28 1.44 -0.08	35.70 1.70 0.00	42.10 1.91 0.00	52.49 1.93 0.00	85.94 2.95 0.00	83.57 2.15 0.00	86.95 2.09 0.00	50.05 1.11 0.00	39.79 1.14 0.00	37.93 1.40 0.00	36.49 1.48 0.00
ASTORIA_GT2_1 24094	39.69 1.03 0.00	33.42 1.02 0.00	31.77 0.81 0.00	33.27 0.75 0.00	31.39 0.77 0.00	35.81 0.96 0.00	32.99 1.06 -0.01	39.53 1.30 0.00	34.46 1.09 -0.01	31.07 1.02 -0.01	30.56 1.21 0.00	28.80 1.16 0.00	30.23 1.30 0.00	31.28 1.44 -0.08	35.70 1.70 0.00	42.10 1.91 0.00	52.49 1.93 0.00	85.93 2.94 0.00	83.58 2.15 0.00	86.98 2.12 0.00	50.05 1.11 0.00	39.79 1.14 0.00	37.93 1.40 0.00	36.49 1.48 0.00
ASTORIA_GT2_2 24095	39.69 1.03 0.00	33.42 1.02 0.00	31.77 0.81 0.00	33.27 0.75 0.00	31.39 0.77 0.00	35.81 0.96 0.00	32.99 1.06 -0.01	39.53 1.30 0.00	34.46 1.09 -0.01	31.07 1.02 -0.01	30.56 1.21 0.00	28.80 1.16 0.00	30.23 1.30 0.00	31.28 1.44 -0.08	35.70 1.70 0.00	42.10 1.91 0.00	52.49 1.93 0.00	85.93 2.94 0.00	83.58 2.15 0.00	86.98 2.12 0.00	50.05 1.11 0.00	39.79 1.14 0.00	37.93 1.40 0.00	36.49 1.48 0.00
ASTORIA_GT2_3 24096	39.69 1.03 0.00	33.42 1.02 0.00	31.77 0.81 0.00	33.27 0.75 0.00	31.39 0.77 0.00	35.81 0.96 0.00	32.99 1.06 -0.01	39.53 1.30 0.00	34.46 1.09 -0.01	31.07 1.02 -0.01	30.56 1.21 0.00	28.80 1.16 0.00	30.23 1.30 0.00	31.28 1.44 -0.08	35.70 1.70 0.00	42.10 1.91 0.00	52.49 1.93 0.00	85.93 2.94 0.00	83.58 2.15 0.00	86.98 2.12 0.00	50.05 1.11 0.00	39.79 1.14 0.00	37.93 1.40 0.00	36.49 1.48 0.00
ASTORIA_GT2_4 24097	39.69 1.03 0.00	33.42 1.02 0.00	31.77 0.81 0.00	33.27 0.75 0.00	31.39 0.77 0.00	35.81 0.96 0.00	32.99 1.06 -0.01	39.53 1.30 0.00	34.46 1.09 -0.01	31.07 1.02 -0.01	30.56 1.21 0.00	28.80 1.16 0.00	30.23 1.30 0.00	31.28 1.44 -0.08	35.70 1.70 0.00	42.10 1.91 0.00	52.49 1.93 0.00	85.93 2.94 0.00	83.58 2.15 0.00	86.98 2.12 0.00	50.05 1.11 0.00	39.79 1.14 0.00	37.93 1.40 0.00	36.49 1.48 0.00
ASTORIA_GT3_1 24098	39.69 1.03 0.00	33.42 1.02 0.00	31.77 0.81 0.00	33.27 0.75 0.00	31.39 0.77 0.00	35.81 0.96 0.00	32.99 1.06 -0.01	39.53 1.30 0.00	34.46 1.09 -0.01	31.07 1.02 -0.01	30.56 1.21 0.00	28.80 1.16 0.00	30.23 1.30 0.00	31.28 1.44 -0.08	35.70 1.70 0.00	42.10 1.91 0.00	52.49 1.93 0.00	85.93 2.94 0.00	83.58 2.15 0.00	86.98 2.12 0.00	50.05 1.11 0.00	39.79 1.14 0.00	37.93 1.40 0.00	36.49 1.48 0.00
ASTORIA_GT3_2 24099	39.69 1.03 0.00	33.42 1.02 0.00	31.77 0.81 0.00	33.27 0.75 0.00	31.39 0.77 0.00	35.81 0.96 0.00	32.99 1.06 -0.01	39.53 1.30 0.00	34.46 1.09 -0.01	31.07 1.02 -0.01	30.56 1.21 0.00	28.80 1.16 0.00	30.23 1.30 0.00	31.28 1.44 -0.08	35.70 1.70 0.00	42.10 1.91 0.00	52.49 1.93 0.00	85.93 2.94 0.00	83.58 2.15 0.00	86.98 2.12 0.00	50.05 1.11 0.00	39.79 1.14 0.00	37.93 1.40 0.00	36.49 1.48 0.00
ASTORIA_GT3_3 24100	39.69 1.03 0.00	33.42 1.02 0.00	31.77 0.81 0.00	33.27 0.75 0.00	31.39 0.77 0.00	35.81 0.96 0.00	32.99 1.06 -0.01	39.53 1.30 0.00	34.46 1.09 -0.01	31.07 1.02 -0.01	30.56 1.21 0.00	28.80 1.16 0.00	30.23 1.30 0.00	31.28 1.44 -0.08	35.70 1.70 0.00	42.10 1.91 0.00	52.49 1.93 0.00	85.93 2.94 0.00	83.58 2.15 0.00	86.98 2.12 0.00	50.05 1.11 0.00	39.79 1.14 0.00	37.93 1.40 0.00	36.49 1.48 0.00
ASTORIA_GT3_4 24101	39.69 1.03 0.00	33.42 1.02 0.00	31.77 0.81 0.00	33.27 0.75 0.00	31.39 0.77 0.00	35.81 0.96 0.00	32.99 1.06 -0.01	39.53 1.30 0.00	34.46 1.09 -0.01	31.07 1.02 -0.01	30.56 1.21 0.00	28.80 1.16 0.00	30.23 1.30 0.00	31.28 1.44 -0.08	35.70 1.70 0.00	42.10 1.91 0.00	52.49 1.93 0.00	85.93 2.94 0.00	83.58 2.15 0.00	86.98 2.12 0.00	50.05 1.11 0.00	39.79 1.14 0.00	37.93 1.40 0.00	36.49 1.48 0.00
ASTORIA_GT4_1 24102	39.69 1.03 0.00	33.42 1.02 0.00	31.77 0.81 0.00	33.27 0.75 0.00	31.39 0.77 0.00	35.81 0.96 0.00	32.99 1.06 -0.01	39.53 1.30 0.00	34.46 1.09 -0.01	31.07 1.02 -0.01	30.56 1.21 0.00	28.80 1.16 0.00	30.23 1.30 0.00	31.28 1.44 -0.08	35.70 1.70 0.00	42.10 1.91 0.00	52.49 1.93 0.00	85.93 2.94 0.00	83.58 2.15 0.00	86.98 2.12 0.00	50.05 1.11 0.00	39.79 1.14 0.00	37.93 1.40 0.00	36.49 1.48 0.00
ASTORIA_GT4_2 24103	39.69 1.03 0.00	33.42 1.02 0.00	31.77 0.81 0.00	33.27 0.75 0.00	31.39 0.77 0.00	35.81 0.96 0.00	32.99 1.06 -0.01	39.53 1.30 0.00	34.46 1.09 -0.01	31.07 1.02 -0.01	30.56 1.21 0.00	28.80 1.16 0.00	30.23 1.30 0.00	31.28 1.44 -0.08	35.70 1.70 0.00	42.10 1.91 0.00	52.49 1.93 0.00	85.93 2.94 0.00	83.58 2.15 0.00	86.98 2.12 0.00	50.05 1.11 0.00	39.79 1.14 0.00	37.93 1.40 0.00	36.49 1.48 0.00
ASTORIA_GT4_3 24104	39.69 1.03 0.00	33.42 1.02 0.00	31.77 0.81 0.00	33.27 0.75 0.00	31.39 0.77 0.00	35.81 0.96 0.00	32.99 1.06 -0.01	39.53 1.30 0.00	34.46 1.09 -0.01	31.07 1.02 -0.01	30.56 1.21 0.00	28.80 1.16 0.00	30.23 1.30 0.00	31.28 1.44 -0.08	35.70 1.70 0.00	42.10 1.91 0.00	52.49 1.93 0.00	85.93 2.94 0.00	83.58 2.15 0.00	86.98 2.12 0.00	50.05 1.11 0.00	39.79 1.14 0.00	37.93 1.40 0.00	36.49 1.48 0.00

ASTORIA_GT4_4 24105	39.69 1.03 0.00	33.42 1.02 0.00	31.77 0.81 0.00	33.27 0.75 0.00	31.39 0.77 0.00	35.81 0.96 0.00	32.99 1.06 -0.01	39.53 1.30 0.00	34.46 1.09 -0.01	31.07 1.02 -0.01	30.56 1.21 0.00	28.80 1.16 0.00	30.23 1.30 0.00	31.28 1.44 -0.08	35.70 1.70 0.00	42.10 1.91 0.00	52.49 1.93 0.00	85.93 2.94 0.00	83.58 2.15 0.00	86.98 2.12 0.00	50.05 1.11 0.00	39.79 1.14 0.00	37.93 1.40 0.00	36.49 1.48 0.00
ASTORIA_GT_1 23523	39.75 1.09 0.00	33.47 1.08 0.00	31.82 0.86 0.00	33.32 0.81 0.00	31.43 0.81 0.00	35.86 1.01 0.00	33.04 1.11 -0.01	39.59 1.37 0.00	34.52 1.15 -0.01	31.12 1.08 -0.01	30.62 1.27 0.00	28.85 1.22 0.00	30.29 1.36 0.00	31.35 1.50 -0.08	35.78 1.78 0.00	42.19 2.00 0.00	52.60 2.04 0.00	86.11 3.11 0.00	83.77 2.35 0.00	87.16 2.29 0.00	50.15 1.21 0.00	39.87 1.22 0.00	38.00 1.47 0.00	36.56 1.55 0.00
ASTORIA_GT_10 24110	39.55 0.89 0.00	33.34 0.94 0.00	31.71 0.75 0.00	33.21 0.69 0.00	31.34 0.71 0.00	35.73 0.89 0.00	32.93 1.01 -0.01	39.43 1.21 0.00	34.41 1.04 -0.01	31.08 1.03 -0.01	30.57 1.22 0.00	28.80 1.17 0.00	30.25 1.32 0.00	31.30 1.46 -0.08	35.71 1.71 0.00	42.10 1.91 0.00	52.42 1.87 0.00	85.80 2.81 0.00	83.46 2.03 0.00	86.86 2.00 0.00	49.96 1.02 0.00	39.74 1.09 0.00	37.83 1.30 0.00	36.43 1.42 0.00
ASTORIA_GT_11 24225	39.55 0.89 0.00	33.34 0.94 0.00	31.71 0.75 0.00	33.21 0.69 0.00	31.34 0.71 0.00	35.73 0.89 0.00	32.93 1.01 -0.01	39.43 1.21 0.00	34.41 1.04 -0.01	31.08 1.03 -0.01	30.57 1.22 0.00	28.80 1.17 0.00	30.25 1.32 0.00	31.30 1.46 -0.08	35.71 1.71 0.00	42.10 1.91 0.00	52.42 1.87 0.00	85.80 2.81 0.00	83.46 2.03 0.00	86.86 2.00 0.00	49.96 1.02 0.00	39.74 1.09 0.00	37.83 1.30 0.00	36.43 1.42 0.00
ASTORIA_GT_12 24226	39.55 0.89 0.00	33.34 0.94 0.00	31.71 0.75 0.00	33.21 0.69 0.00	31.34 0.71 0.00	35.73 0.89 0.00	32.93 1.01 -0.01	39.43 1.21 0.00	34.41 1.04 -0.01	31.08 1.03 -0.01	30.57 1.22 0.00	28.80 1.17 0.00	30.25 1.32 0.00	31.30 1.46 -0.08	35.71 1.71 0.00	42.10 1.91 0.00	52.42 1.87 0.00	85.80 2.81 0.00	83.46 2.03 0.00	86.86 2.00 0.00	49.96 1.02 0.00	39.74 1.09 0.00	37.83 1.30 0.00	36.43 1.42 0.00
ASTORIA_GT_13 24227	39.55 0.89 0.00	33.34 0.94 0.00	31.71 0.75 0.00	33.21 0.69 0.00	31.34 0.71 0.00	35.73 0.89 0.00	32.93 1.01 -0.01	39.43 1.21 0.00	34.41 1.04 -0.01	31.08 1.03 -0.01	30.57 1.22 0.00	28.80 1.17 0.00	30.25 1.32 0.00	31.30 1.46 -0.08	35.71 1.71 0.00	42.10 1.91 0.00	52.42 1.87 0.00	85.80 2.81 0.00	83.46 2.03 0.00	86.86 2.00 0.00	49.96 1.02 0.00	39.74 1.09 0.00	37.83 1.30 0.00	36.43 1.42 0.00
ASTORIA_GT_5 24106	39.75 1.09 0.00	33.47 1.08 0.00	31.82 0.86 0.00	33.32 0.81 0.00	31.43 0.81 0.00	35.86 1.01 0.00	33.04 1.11 -0.01	39.59 1.37 0.00	34.52 1.15 -0.01	31.12 1.08 -0.01	30.62 1.27 0.00	28.85 1.22 0.00	30.29 1.36 0.00	31.35 1.50 -0.08	35.78 1.78 0.00	42.19 2.00 0.00	52.60 2.04 0.00	86.11 3.11 0.00	83.77 2.35 0.00	87.16 2.29 0.00	50.15 1.21 0.00	39.87 1.22 0.00	38.00 1.47 0.00	36.56 1.55 0.00
ASTORIA_GT_7 24107	39.75 1.09 0.00	33.47 1.08 0.00	31.82 0.86 0.00	33.32 0.81 0.00	31.43 0.81 0.00	35.86 1.01 0.00	33.04 1.11 -0.01	39.59 1.37 0.00	34.52 1.15 -0.01	31.12 1.08 -0.01	30.62 1.27 0.00	28.85 1.22 0.00	30.29 1.36 0.00	31.35 1.50 -0.08	35.78 1.78 0.00	42.19 2.00 0.00	52.60 2.04 0.00	86.11 3.11 0.00	83.77 2.35 0.00	87.16 2.29 0.00	50.15 1.21 0.00	39.87 1.22 0.00	38.00 1.47 0.00	36.56 1.55 0.00
ASTORIA_GT_8 24108	39.75 1.09 0.00	33.47 1.08 0.00	31.82 0.86 0.00	33.32 0.81 0.00	31.43 0.81 0.00	35.86 1.01 0.00	33.04 1.11 -0.01	39.59 1.37 0.00	34.52 1.15 -0.01	31.12 1.08 -0.01	30.62 1.27 0.00	28.85 1.22 0.00	30.29 1.36 0.00	31.35 1.50 -0.08	35.78 1.78 0.00	42.19 2.00 0.00	52.60 2.04 0.00	86.11 3.11 0.00	83.77 2.35 0.00	87.16 2.29 0.00	50.15 1.21 0.00	39.87 1.22 0.00	38.00 1.47 0.00	36.56 1.55 0.00
ASTORIA___2 24149	39.69 1.03 0.00	33.42 1.02 0.00	31.77 0.81 0.00	33.27 0.75 0.00	31.39 0.77 0.00	35.81 0.96 0.00	32.99 1.06 -0.01	39.53 1.31 0.00	34.46 1.09 -0.01	31.07 1.03 -0.01	30.56 1.21 0.00	28.79 1.16 0.00	30.24 1.31 0.00	31.28 1.44 -0.08	35.70 1.70 0.00	42.10 1.91 0.00	52.49 1.93 0.00	85.94 2.95 0.00	83.57 2.15 0.00	86.95 2.09 0.00	50.05 1.11 0.00	39.79 1.14 0.00	37.93 1.40 0.00	36.49 1.48 0.00
ASTORIA___3 23516	39.55 0.89 0.00	33.34 0.94 0.00	31.71 0.75 0.00	33.21 0.69 0.00	31.33 0.71 0.00	35.73 0.89 0.00	32.93 1.01 -0.01	39.43 1.21 0.00	34.41 1.03 -0.01	31.08 1.03 -0.01	30.57 1.22 0.00	28.80 1.17 0.00	30.25 1.32 0.00	31.30 1.46 -0.08	35.71 1.71 0.00	42.10 1.91 0.00	52.43 1.87 0.00	85.79 2.80 0.00	83.46 2.03 0.00	86.85 1.99 0.00	49.96 1.02 0.00	39.74 1.09 0.00	37.83 1.30 0.00	36.43 1.42 0.00
ASTORIA___4 23517	39.55 0.89 0.00	33.34 0.94 0.00	31.71 0.75 0.00	33.21 0.69 0.00	31.34 0.71 0.00	35.73 0.89 0.00	32.93 1.01 -0.01	39.43 1.21 0.00	34.41 1.04 -0.01	31.08 1.03 -0.01	30.57 1.22 0.00	28.80 1.17 0.00	30.25 1.32 0.00	31.30 1.46 -0.08	35.71 1.71 0.00	42.10 1.91 0.00	52.42 1.87 0.00	85.80 2.81 0.00	83.46 2.03 0.00	86.86 2.00 0.00	49.96 1.02 0.00	39.74 1.09 0.00	37.83 1.30 0.00	36.43 1.42 0.00
ASTORIA___5 23518	39.55 0.89 0.00	33.34 0.94 0.00	31.71 0.75 0.00	33.21 0.69 0.00	31.33 0.71 0.00	35.73 0.89 0.00	32.93 1.00 -0.01	39.43 1.21 0.00	34.41 1.03 -0.01	31.08 1.03 -0.01	30.57 1.22 0.00	28.80 1.17 0.00	30.25 1.32 0.00	31.30 1.46 -0.08	35.71 1.71 0.00	42.10 1.91 0.00	52.43 1.87 0.00	85.79 2.80 0.00	83.45 2.02 0.00	86.85 1.99 0.00	49.96 1.02 0.00	39.74 1.09 0.00	37.83 1.30 0.00	36.43 1.42 0.00
AST_ENERGY_2_CC3 323677	34.05 0.61 5.22	33.07 0.68 0.00	31.44 0.48 0.00	32.92 0.40 0.00	31.06 0.44 0.00	35.44 0.59 0.00	32.65 0.72 -0.01	39.12 0.90 0.00	34.10 0.73 -0.01	30.25 0.70 0.49	30.24 0.90 0.00	28.49 0.85 0.00	29.92 0.99 0.00	30.96 1.12 -0.08	35.34 1.34 0.00	39.59 1.47 2.08	51.95 1.40 0.00	85.06 2.07 0.00	82.70 1.28 0.00	84.92 1.21 1.15	49.54 0.59 0.00	36.95 0.73 2.43	37.55 1.02 0.00	36.11 1.10 0.00
AST_ENERGY_2_CC4 323678	34.05 0.61 5.22	33.07 0.68 0.00	31.44 0.48 0.00	32.92 0.40 0.00	31.06 0.44 0.00	35.44 0.59 0.00	32.65 0.72 -0.01	39.12 0.90 0.00	34.10 0.73 -0.01	30.25 0.70 0.49	30.24 0.90 0.00	28.49 0.85 0.00	29.92 0.99 0.00	30.96 1.12 -0.08	35.34 1.34 0.00	39.59 1.47 2.08	51.95 1.40 0.00	85.06 2.07 0.00	82.70 1.28 0.00	84.92 1.21 1.15	49.54 0.59 0.00	36.95 0.73 2.43	37.55 1.02 0.00	36.11 1.10 0.00

ATHENS_STG_1 23668	38.99 0.34 0.00	32.72 0.33 0.00	31.25 0.29 0.00	32.77 0.25 0.00	30.90 0.28 0.00	35.21 0.37 0.00	32.33 0.41 0.00	38.74 0.52 0.00	33.70 0.34 0.00	30.34 0.31 0.00	29.74 0.39 0.00	27.99 0.35 0.00	29.32 0.39 0.00	30.25 0.44 -0.05	34.53 0.54 0.00	40.84 0.65 0.00	51.15 0.59 0.00	83.62 0.63 0.00	81.36 -0.07 0.00	84.77 -0.09 0.00	48.97 0.03 0.00	38.89 0.24 0.00	36.85 0.32 0.00	35.42 0.41 0.00
ATHENS_STG_2 23670	38.99 0.34 0.00	32.72 0.33 0.00	31.25 0.29 0.00	32.77 0.25 0.00	30.90 0.28 0.00	35.21 0.37 0.00	32.33 0.41 0.00	38.74 0.52 0.00	33.70 0.34 0.00	30.34 0.31 0.00	29.74 0.39 0.00	27.99 0.35 0.00	29.32 0.39 0.00	30.25 0.44 -0.05	34.53 0.54 0.00	40.84 0.65 0.00	51.15 0.59 0.00	83.62 0.63 0.00	81.36 -0.07 0.00	84.77 -0.09 0.00	48.97 0.03 0.00	38.89 0.24 0.00	36.85 0.32 0.00	35.42 0.41 0.00
ATHENS_STG_3 23677	38.99 0.34 0.00	32.72 0.33 0.00	31.25 0.29 0.00	32.77 0.25 0.00	30.90 0.28 0.00	35.21 0.37 0.00	32.33 0.41 0.00	38.74 0.52 0.00	33.70 0.34 0.00	30.34 0.31 0.00	29.74 0.39 0.00	27.99 0.35 0.00	29.32 0.39 0.00	30.25 0.44 -0.05	34.53 0.54 0.00	40.84 0.65 0.00	51.15 0.59 0.00	83.62 0.63 0.00	81.36 -0.07 0.00	84.77 -0.09 0.00	48.97 0.03 0.00	38.89 0.24 0.00	36.85 0.32 0.00	35.42 0.41 0.00
AUBURN___LFGE 323710	38.92 0.26 0.00	32.67 0.28 0.00	31.10 0.14 0.00	32.75 0.24 0.00	30.73 0.11 0.00	35.07 0.22 0.00	32.09 0.17 0.00	38.38 0.16 0.00	33.45 0.08 0.00	29.95 -0.08 0.00	29.13 -0.21 0.00	27.55 -0.09 0.00	28.87 -0.07 0.00	29.71 -0.06 0.00	33.95 -0.05 0.00	40.07 -0.12 0.00	50.69 0.13 0.00	83.62 0.63 0.00	82.54 1.11 0.00	85.64 0.78 0.00	49.35 0.41 0.00	38.92 0.27 0.00	36.76 0.23 0.00	35.17 0.17 0.00
BABYLON_RES_REC 323704	39.18 0.64 0.12	31.80 0.60 1.20	31.12 0.40 0.23	32.49 0.29 0.31	30.71 0.31 0.22	35.12 0.39 0.12	32.43 0.50 0.00	38.84 0.62 0.00	33.82 0.45 0.00	30.64 0.61 0.00	30.17 0.99 0.17	28.49 1.00 0.14	29.88 1.14 0.19	43.39 1.22 -12.41	39.48 1.34 -4.14	41.57 1.37 0.00	51.74 1.18 0.00	63.26 1.51 21.25	46.96 0.63 35.10	51.53 0.56 33.89	47.82 0.44 1.55	39.39 0.74 0.00	37.48 0.95 0.00	36.15 1.14 0.00
BALL_HILL_WT_PWR 323825	38.23 -0.42 0.00	32.22 -0.17 0.00	30.67 -0.28 0.00	32.33 -0.19 0.00	30.22 -0.40 0.00	34.42 -0.42 0.00	31.05 -0.87 0.00	36.95 -1.27 0.00	32.90 -0.47 0.00	30.03 0.00 0.00	29.31 -0.03 0.00	27.89 0.26 0.00	29.20 0.27 0.00	29.98 0.22 0.00	33.97 -0.03 0.00	40.29 0.09 0.00	50.22 -0.34 0.00	81.38 -1.61 0.00	81.35 -0.07 0.00	84.46 -0.40 0.00	48.36 -0.58 0.00	37.82 -0.83 0.00	35.93 -0.60 0.00	34.48 -0.53 0.00
BARON_WINDS___WT_PWR 323822	38.23 -0.43 0.00	32.15 -0.24 0.00	30.69 -0.26 0.00	32.39 -0.13 0.00	30.36 -0.26 0.00	34.61 -0.24 0.00	31.38 -0.54 0.00	37.40 -0.82 0.00	32.84 -0.53 0.00	29.68 -0.36 0.00	28.85 -0.49 0.00	27.39 -0.24 0.00	28.65 -0.28 0.00	29.42 -0.34 0.00	33.50 -0.49 0.00	39.71 -0.49 0.00	49.84 -0.71 0.00	81.68 -1.32 0.00	81.62 0.20 0.00	84.77 -0.09 0.00	48.54 -0.41 0.00	37.88 -0.77 0.00	35.86 -0.67 0.00	34.36 -0.65 0.00
BARRETT_IC_1 23704	39.20 0.55 0.00	32.90 0.51 0.00	31.29 0.33 0.00	32.75 0.24 0.00	30.89 0.27 0.00	35.17 0.33 0.00	32.37 0.45 0.00	38.74 0.52 0.00	33.75 0.39 0.00	30.59 0.56 0.00	30.31 0.97 0.00	28.61 0.98 0.00	30.04 1.11 0.00	42.79 1.13 -11.90	39.09 1.26 -3.83	41.52 1.32 0.00	51.61 1.05 0.00	59.02 1.09 25.05	42.73 0.20 38.90	84.73 0.17 0.30	49.40 0.30 -0.16	39.29 0.65 0.00	37.30 0.77 0.00	36.00 0.99 0.00
BARRETT_IC_10 23701	39.20 0.55 0.00	32.90 0.51 0.00	31.29 0.33 0.00	32.75 0.24 0.00	30.89 0.27 0.00	35.17 0.33 0.00	32.37 0.45 0.00	38.74 0.52 0.00	33.75 0.39 0.00	30.59 0.56 0.00	30.31 0.97 0.00	28.61 0.98 0.00	30.04 1.11 0.00	42.79 1.13 -11.90	39.09 1.26 -3.83	41.52 1.32 0.00	51.61 1.05 0.00	59.02 1.09 25.05	42.73 0.20 38.90	84.73 0.17 0.30	49.40 0.30 -0.16	39.29 0.65 0.00	37.30 0.77 0.00	36.00 0.99 0.00
BARRETT_IC_11 23702	39.20 0.55 0.00	32.90 0.51 0.00	31.29 0.33 0.00	32.75 0.24 0.00	30.89 0.27 0.00	35.17 0.33 0.00	32.37 0.45 0.00	38.74 0.52 0.00	33.75 0.39 0.00	30.59 0.56 0.00	30.31 0.97 0.00	28.61 0.98 0.00	30.04 1.11 0.00	42.79 1.13 -11.90	39.09 1.26 -3.83	41.52 1.32 0.00	51.61 1.05 0.00	59.02 1.09 25.05	42.73 0.20 38.90	84.73 0.17 0.30	49.40 0.30 -0.16	39.29 0.65 0.00	37.30 0.77 0.00	36.00 0.99 0.00
BARRETT_IC_12 23703	39.20 0.55 0.00	32.90 0.51 0.00	31.29 0.33 0.00	32.75 0.24 0.00	30.89 0.27 0.00	35.17 0.33 0.00	32.37 0.45 0.00	38.74 0.52 0.00	33.75 0.39 0.00	30.59 0.56 0.00	30.31 0.97 0.00	28.61 0.98 0.00	30.04 1.11 0.00	42.79 1.13 -11.90	39.09 1.26 -3.83	41.52 1.32 0.00	51.61 1.05 0.00	59.02 1.09 25.05	42.73 0.20 38.90	84.73 0.17 0.30	49.40 0.30 -0.16	39.29 0.65 0.00	37.30 0.77 0.00	36.00 0.99 0.00
BARRETT_IC_2 23705	39.20 0.55 0.00	32.90 0.51 0.00	31.29 0.33 0.00	32.75 0.24 0.00	30.89 0.27 0.00	35.17 0.33 0.00	32.37 0.45 0.00	38.74 0.52 0.00	33.75 0.39 0.00	30.59 0.56 0.00	30.31 0.97 0.00	28.61 0.98 0.00	30.04 1.11 0.00	42.79 1.13 -11.90	39.09 1.26 -3.83	41.52 1.32 0.00	51.61 1.05 0.00	59.02 1.09 25.05	42.73 0.20 38.90	84.73 0.17 0.30	49.40 0.30 -0.16	39.29 0.65 0.00	37.30 0.77 0.00	36.00 0.99 0.00
BARRETT_IC_3 23706	39.20 0.55 0.00	32.90 0.51 0.00	31.29 0.33 0.00	32.75 0.24 0.00	30.89 0.27 0.00	35.17 0.33 0.00	32.37 0.45 0.00	38.74 0.52 0.00	33.75 0.39 0.00	30.59 0.56 0.00	30.31 0.97 0.00	28.61 0.98 0.00	30.04 1.11 0.00	42.79 1.13 -11.90	39.09 1.26 -3.83	41.52 1.32 0.00	51.61 1.05 0.00	59.02 1.09 25.05	42.73 0.20 38.90	84.73 0.17 0.30	49.40 0.30 -0.16	39.29 0.65 0.00	37.30 0.77 0.00	36.00 0.99 0.00
BARRETT_IC_4 23707	39.20 0.55 0.00	32.90 0.51 0.00	31.29 0.33 0.00	32.75 0.24 0.00	30.89 0.27 0.00	35.17 0.33 0.00	32.37 0.45 0.00	38.74 0.52 0.00	33.75 0.39 0.00	30.59 0.56 0.00	30.31 0.97 0.00	28.61 0.98 0.00	30.04 1.11 0.00	42.79 1.13 -11.90	39.09 1.26 -3.83	41.52 1.32 0.00	51.61 1.05 0.00	59.02 1.09 25.05	42.73 0.20 38.90	84.73 0.17 0.30	49.40 0.30 -0.16	39.29 0.65 0.00	37.30 0.77 0.00	36.00 0.99 0.00
BARRETT_IC_5 23708	39.20 0.55 0.00	32.90 0.51 0.00	31.29 0.33 0.00	32.75 0.24 0.00	30.89 0.27 0.00	35.17 0.33 0.00	32.37 0.45 0.00	38.74 0.52 0.00	33.75 0.39 0.00	30.59 0.56 0.00	30.31 0.97 0.00	28.61 0.98 0.00	30.04 1.11 0.00	42.79 1.13 -11.90	39.09 1.26 -3.83	41.52 1.32 0.00	51.61 1.05 0.00	59.02 1.09 25.05	42.73 0.20 38.90	84.73 0.17 0.30	49.40 0.30 -0.16	39.29 0.65 0.00	37.30 0.77 0.00	36.00 0.99 0.00

BARRETT_IC_6 23709	39.20 0.55 0.00	32.90 0.51 0.00	31.29 0.33 0.00	32.75 0.24 0.00	30.89 0.27 0.00	35.17 0.33 0.00	32.37 0.45 0.00	38.74 0.52 0.00	33.75 0.39 0.00	30.59 0.56 0.00	30.31 0.97 0.00	28.61 0.98 0.00	30.04 1.11 0.00	42.79 1.13 -11.90	39.09 1.26 -3.83	41.52 1.32 0.00	51.61 1.05 0.00	59.02 1.09 25.05	42.73 0.20 38.90	84.73 0.17 0.30	49.40 0.30 -0.16	39.29 0.65 0.00	37.30 0.77 0.00	36.00 0.99 0.00
BARRETT_IC_7 23710	39.20 0.54 0.00	32.90 0.51 0.00	31.29 0.33 0.00	32.75 0.24 0.00	30.89 0.27 0.00	35.17 0.33 0.00	32.37 0.45 0.00	38.74 0.51 0.00	33.75 0.39 0.00	30.59 0.56 0.00	30.31 0.97 0.00	28.61 0.98 0.00	30.04 1.11 0.00	42.79 1.13 -11.90	39.08 1.26 -3.83	41.52 1.32 0.00	51.60 1.05 0.00	59.02 1.08 25.05	42.77 0.25 38.90	84.81 0.24 0.30	49.38 0.28 -0.16	39.29 0.65 0.00	37.31 0.78 0.00	36.00 0.99 0.00
BARRETT_IC_8 23711	39.20 0.55 0.00	32.90 0.51 0.00	31.29 0.33 0.00	32.75 0.24 0.00	30.89 0.27 0.00	35.17 0.33 0.00	32.37 0.45 0.00	38.74 0.52 0.00	33.75 0.39 0.00	30.59 0.56 0.00	30.31 0.97 0.00	28.61 0.98 0.00	30.04 1.11 0.00	42.79 1.13 -11.90	39.09 1.26 -3.83	41.52 1.32 0.00	51.61 1.05 0.00	59.02 1.09 25.05	42.73 0.20 38.90	84.73 0.17 0.30	49.40 0.30 -0.16	39.29 0.65 0.00	37.30 0.77 0.00	36.00 0.99 0.00
BARRETT_IC_9 23700	39.20 0.55 0.00	32.90 0.51 0.00	31.29 0.33 0.00	32.75 0.24 0.00	30.89 0.27 0.00	35.17 0.33 0.00	32.37 0.45 0.00	38.74 0.52 0.00	33.75 0.39 0.00	30.59 0.56 0.00	30.31 0.97 0.00	28.61 0.98 0.00	30.04 1.11 0.00	42.79 1.13 -11.90	39.09 1.26 -3.83	41.52 1.32 0.00	51.61 1.05 0.00	59.02 1.09 25.05	42.73 0.20 38.90	84.73 0.17 0.30	49.40 0.30 -0.16	39.29 0.65 0.00	37.30 0.77 0.00	36.00 0.99 0.00
BARRETT___1 23545	39.20 0.55 0.00	32.90 0.51 0.00	31.29 0.33 0.00	32.75 0.24 0.00	30.89 0.27 0.00	35.17 0.33 0.00	32.37 0.45 0.00	38.74 0.52 0.00	33.75 0.39 0.00	30.59 0.56 0.00	30.31 0.97 0.00	28.61 0.98 0.00	30.04 1.11 0.00	42.79 1.13 -11.90	39.09 1.26 -3.83	41.52 1.32 0.00	51.61 1.05 0.00	59.02 1.09 25.05	42.73 0.20 38.90	84.73 0.17 0.30	49.40 0.30 -0.16	39.29 0.65 0.00	37.30 0.77 0.00	36.00 0.99 0.00
BARRETT___2 23546	39.20 0.55 0.00	32.90 0.51 0.00	31.29 0.33 0.00	32.75 0.24 0.00	30.89 0.27 0.00	35.17 0.33 0.00	32.37 0.45 0.00	38.74 0.52 0.00	33.75 0.39 0.00	30.59 0.56 0.00	30.31 0.97 0.00	28.61 0.98 0.00	30.04 1.11 0.00	42.79 1.13 -11.90	39.09 1.26 -3.83	41.52 1.32 0.00	51.61 1.05 0.00	59.02 1.09 25.05	42.73 0.20 38.90	84.73 0.17 0.30	49.40 0.30 -0.16	39.29 0.65 0.00	37.30 0.77 0.00	36.00 0.99 0.00
BATAVIA__115KV_TB1 55881	39.01 0.35 0.00	32.81 0.42 0.00	31.30 0.34 0.00	32.90 0.38 0.00	30.83 0.21 0.00	35.01 0.17 0.00	31.59 -0.33 0.00	37.55 -0.67 0.00	33.31 -0.05 0.00	30.22 0.18 0.00	29.40 0.05 0.00	27.84 0.20 0.00	29.16 0.23 0.00	29.98 0.22 0.00	34.02 0.02 0.00	40.21 0.02 0.00	50.23 -0.33 0.00	82.45 -0.54 0.00	82.82 1.40 0.00	86.08 1.22 0.00	49.26 0.31 0.00	38.59 -0.06 0.00	36.58 0.05 0.00	35.15 0.14 0.00
BAYONEEC___CTG1 323682	39.45 0.79 0.00	33.18 0.79 0.00	31.56 0.61 0.00	33.06 0.54 0.00	31.20 0.58 0.00	35.57 0.73 0.00	32.77 0.85 0.00	39.27 1.05 0.00	34.25 0.88 0.00	30.93 0.89 0.00	30.42 1.08 0.00	28.66 1.03 0.00	30.09 1.16 0.00	31.14 1.29 -0.08	35.54 1.55 0.00	41.97 1.77 0.00	52.32 1.76 0.00	85.60 2.60 0.00	83.27 1.84 0.00	86.64 1.77 0.00	49.86 0.92 0.00	39.63 0.98 0.00	37.71 1.18 0.00	36.30 1.29 0.00
BAYONEEC___CTG10 323750	39.45 0.79 0.00	33.18 0.79 0.00	31.56 0.61 0.00	33.06 0.54 0.00	31.20 0.58 0.00	35.57 0.73 0.00	32.77 0.85 0.00	39.27 1.05 0.00	34.25 0.88 0.00	30.93 0.89 0.00	30.42 1.08 0.00	28.66 1.03 0.00	30.09 1.16 0.00	31.14 1.29 -0.08	35.54 1.55 0.00	41.97 1.77 0.00	52.32 1.76 0.00	85.60 2.60 0.00	83.27 1.84 0.00	86.64 1.77 0.00	49.86 0.92 0.00	39.63 0.98 0.00	37.71 1.18 0.00	36.30 1.29 0.00
BAYONEEC___CTG2 323683	39.45 0.79 0.00	33.18 0.79 0.00	31.56 0.61 0.00	33.06 0.54 0.00	31.20 0.58 0.00	35.57 0.73 0.00	32.77 0.85 0.00	39.27 1.05 0.00	34.25 0.88 0.00	30.93 0.89 0.00	30.42 1.08 0.00	28.66 1.03 0.00	30.09 1.16 0.00	31.14 1.29 -0.08	35.54 1.55 0.00	41.97 1.77 0.00	52.32 1.76 0.00	85.60 2.60 0.00	83.27 1.84 0.00	86.64 1.77 0.00	49.86 0.92 0.00	39.63 0.98 0.00	37.71 1.18 0.00	36.30 1.29 0.00
BAYONEEC___CTG3 323684	39.45 0.79 0.00	33.18 0.79 0.00	31.56 0.61 0.00	33.06 0.54 0.00	31.20 0.58 0.00	35.57 0.73 0.00	32.77 0.85 0.00	39.27 1.05 0.00	34.25 0.88 0.00	30.93 0.89 0.00	30.42 1.08 0.00	28.66 1.03 0.00	30.09 1.16 0.00	31.14 1.29 -0.08	35.54 1.55 0.00	41.97 1.77 0.00	52.32 1.76 0.00	85.60 2.60 0.00	83.27 1.84 0.00	86.64 1.77 0.00	49.86 0.92 0.00	39.63 0.98 0.00	37.71 1.18 0.00	36.30 1.29 0.00
BAYONEEC___CTG4 323685	39.45 0.79 0.00	33.18 0.79 0.00	31.56 0.61 0.00	33.06 0.54 0.00	31.20 0.58 0.00	35.57 0.73 0.00	32.77 0.85 0.00	39.27 1.05 0.00	34.25 0.88 0.00	30.93 0.89 0.00	30.42 1.08 0.00	28.66 1.03 0.00	30.09 1.16 0.00	31.14 1.29 -0.08	35.54 1.55 0.00	41.97 1.77 0.00	52.32 1.76 0.00	85.60 2.60 0.00	83.27 1.84 0.00	86.64 1.77 0.00	49.86 0.92 0.00	39.63 0.98 0.00	37.71 1.18 0.00	36.30 1.29 0.00
BAYONEEC___CTG5 323686	39.45 0.79 0.00	33.18 0.79 0.00	31.56 0.61 0.00	33.06 0.54 0.00	31.20 0.58 0.00	35.57 0.73 0.00	32.77 0.85 0.00	39.27 1.05 0.00	34.25 0.88 0.00	30.93 0.89 0.00	30.42 1.08 0.00	28.66 1.03 0.00	30.09 1.16 0.00	31.14 1.29 -0.08	35.54 1.55 0.00	41.97 1.77 0.00	52.32 1.76 0.00	85.60 2.60 0.00	83.27 1.84 0.00	86.64 1.77 0.00	49.86 0.92 0.00	39.63 0.98 0.00	37.71 1.18 0.00	36.30 1.29 0.00
BAYONEEC___CTG6 323687	39.45 0.79 0.00	33.18 0.79 0.00	31.56 0.61 0.00	33.06 0.54 0.00	31.20 0.58 0.00	35.57 0.73 0.00	32.77 0.85 0.00	39.27 1.05 0.00	34.25 0.88 0.00	30.93 0.89 0.00	30.42 1.08 0.00	28.66 1.03 0.00	30.09 1.16 0.00	31.14 1.29 -0.08	35.54 1.55 0.00	41.97 1.77 0.00	52.32 1.76 0.00	85.60 2.60 0.00	83.27 1.84 0.00	86.64 1.77 0.00	49.86 0.92 0.00	39.63 0.98 0.00	37.71 1.18 0.00	36.30 1.29 0.00
BAYONEEC___CTG7 323688	39.45 0.79 0.00	33.18 0.79 0.00	31.56 0.61 0.00	33.06 0.54 0.00	31.20 0.58 0.00	35.57 0.73 0.00	32.77 0.85 0.00	39.27 1.05 0.00	34.25 0.88 0.00	30.93 0.89 0.00	30.42 1.08 0.00	28.66 1.03 0.00	30.09 1.16 0.00	31.14 1.29 -0.08	35.54 1.55 0.00	41.97 1.77 0.00	52.32 1.76 0.00	85.60 2.60 0.00	83.27 1.84 0.00	86.64 1.77 0.00	49.86 0.92 0.00	39.63 0.98 0.00	37.71 1.18 0.00	36.30 1.29 0.00

BAYONEEC___CTG8 323689	39.45 0.79 0.00	33.18 0.79 0.00	31.56 0.61 0.00	33.06 0.54 0.00	31.20 0.58 0.00	35.57 0.73 0.00	32.77 0.85 0.00	39.27 1.05 0.00	34.25 0.88 0.00	30.93 0.89 0.00	30.42 1.08 0.00	28.66 1.03 0.00	30.09 1.16 0.00	31.14 1.29 -0.08	35.54 1.55 0.00	41.97 1.77 0.00	52.32 1.76 0.00	85.60 2.60 0.00	83.27 1.84 0.00	86.64 1.77 0.00	49.86 0.92 0.00	39.63 0.98 0.00	37.71 1.18 0.00	36.30 1.29 0.00
BAYONEEC___CTG9 323749	39.45 0.79 0.00	33.18 0.79 0.00	31.56 0.61 0.00	33.06 0.54 0.00	31.20 0.58 0.00	35.57 0.73 0.00	32.77 0.85 0.00	39.27 1.05 0.00	34.25 0.88 0.00	30.93 0.89 0.00	30.42 1.08 0.00	28.66 1.03 0.00	30.09 1.16 0.00	31.14 1.29 -0.08	35.54 1.55 0.00	41.97 1.77 0.00	52.32 1.76 0.00	85.60 2.60 0.00	83.27 1.84 0.00	86.64 1.77 0.00	49.86 0.92 0.00	39.63 0.98 0.00	37.71 1.18 0.00	36.30 1.29 0.00
BEACON___LESR 323632	38.89 0.23 0.00	32.52 0.12 0.00	31.13 0.17 0.00	32.62 0.11 0.00	30.82 0.20 0.00	35.15 0.30 0.00	32.33 0.41 0.00	38.80 0.58 0.00	33.61 0.25 0.00	30.06 0.03 0.00	29.42 0.08 0.00	27.57 -0.06 0.00	28.92 -0.01 0.00	29.67 -0.05 0.05	33.96 -0.03 0.00	40.14 -0.06 0.00	50.46 -0.10 0.00	82.86 -0.12 0.00	80.76 -0.67 0.00	84.28 -0.58 0.00	48.69 -0.26 0.00	38.51 -0.13 0.00	36.43 -0.10 0.00	35.01 0.00 0.00
BEAVER RIVER___HYD 24048	39.40 0.75 0.00	32.95 0.56 0.00	31.57 0.61 0.00	33.19 0.67 0.00	31.16 0.54 0.00	35.71 0.86 0.00	32.76 0.84 0.00	39.44 1.22 0.00	34.33 0.96 0.00	30.65 0.61 0.00	29.72 0.38 0.00	27.95 0.32 0.00	29.13 0.20 0.00	29.85 0.08 0.00	33.93 -0.06 0.00	40.05 -0.15 0.00	51.00 0.44 0.00	85.58 2.59 0.00	85.35 3.93 0.00	88.88 4.01 0.00	50.80 1.86 0.00	39.84 1.19 0.00	37.80 1.27 0.00	36.21 1.20 0.00
BEEBEE_GT_13 23619	38.67 0.02 0.00	32.45 0.06 0.00	30.98 0.02 0.00	32.55 0.03 0.00	30.54 -0.09 0.00	34.70 -0.14 0.00	31.57 -0.35 0.00	37.67 -0.55 0.00	33.19 -0.18 0.00	30.03 -0.01 0.00	29.32 -0.02 0.00	27.77 0.13 0.00	29.12 0.19 0.00	29.98 0.22 0.00	34.15 0.15 0.00	40.32 0.12 0.00	50.56 0.00 0.00	82.95 -0.04 0.00	82.09 0.67 0.00	85.32 0.46 0.00	48.91 -0.03 0.00	38.39 -0.25 0.00	36.32 -0.21 0.00	34.85 -0.16 0.00
BENSHRST_27_KV_BENSHRST_1 355998	39.83 1.18 0.00	33.48 1.09 0.00	31.82 0.86 0.00	33.31 0.79 0.00	31.43 0.80 0.00	35.85 1.00 0.00	33.03 1.11 -0.01	39.57 1.35 0.00	34.55 1.18 -0.01	31.21 1.17 -0.01	30.71 1.36 0.00	28.94 1.30 0.00	30.40 1.47 0.00	31.45 1.60 -0.08	35.88 1.89 0.00	42.33 2.14 0.00	52.75 2.20 0.00	86.47 3.48 0.00	84.17 2.74 0.00	87.60 2.74 0.00	50.34 1.40 0.00	40.04 1.39 0.00	38.09 1.56 0.00	36.69 1.68 0.00
BETHLEHEM___GRP 23843	38.32 -0.34 0.00	32.13 -0.26 0.00	30.74 -0.22 0.00	32.22 -0.30 0.00	30.45 -0.17 0.00	34.57 -0.27 0.00	31.84 -0.09 0.00	38.18 -0.04 0.00	33.13 -0.23 0.00	29.73 -0.31 0.00	29.09 -0.25 0.00	27.34 -0.30 0.00	28.61 -0.32 0.00	29.39 -0.33 0.04	33.58 -0.42 0.00	39.60 -0.59 0.00	49.76 -0.80 0.00	81.60 -1.39 0.00	79.50 -1.93 0.00	82.99 -1.88 0.00	48.05 -0.89 0.00	38.10 -0.55 0.00	36.00 -0.53 0.00	34.59 -0.42 0.00
BETHLEHEM___GS1 323560	38.31 -0.34 0.00	32.13 -0.26 0.00	30.74 -0.22 0.00	32.22 -0.30 0.00	30.45 -0.16 0.00	34.57 -0.27 0.00	31.84 -0.09 0.00	38.18 -0.04 0.00	33.13 -0.23 0.00	29.73 -0.31 0.00	29.09 -0.25 0.00	27.34 -0.30 0.00	28.61 -0.32 0.00	29.39 -0.33 0.04	33.58 -0.42 0.00	39.61 -0.59 0.00	49.76 -0.80 0.00	81.60 -1.39 0.00	79.49 -1.93 0.00	82.98 -1.88 0.00	48.05 -0.89 0.00	38.10 -0.55 0.00	36.00 -0.53 0.00	34.59 -0.42 0.00
BETHLEHEM___GS2 323561	38.31 -0.34 0.00	32.13 -0.26 0.00	30.74 -0.22 0.00	32.22 -0.30 0.00	30.45 -0.16 0.00	34.57 -0.27 0.00	31.84 -0.09 0.00	38.18 -0.04 0.00	33.13 -0.23 0.00	29.73 -0.31 0.00	29.09 -0.25 0.00	27.34 -0.30 0.00	28.61 -0.32 0.00	29.39 -0.33 0.04	33.58 -0.42 0.00	39.61 -0.59 0.00	49.76 -0.80 0.00	81.60 -1.39 0.00	79.49 -1.93 0.00	82.98 -1.88 0.00	48.05 -0.89 0.00	38.10 -0.55 0.00	36.00 -0.53 0.00	34.59 -0.42 0.00
BETHLEHEM___GS3 323562	38.31 -0.34 0.00	32.13 -0.26 0.00	30.74 -0.22 0.00	32.22 -0.30 0.00	30.45 -0.16 0.00	34.57 -0.27 0.00	31.84 -0.09 0.00	38.18 -0.04 0.00	33.13 -0.23 0.00	29.73 -0.31 0.00	29.09 -0.25 0.00	27.34 -0.30 0.00	28.61 -0.32 0.00	29.39 -0.33 0.04	33.58 -0.42 0.00	39.61 -0.59 0.00	49.76 -0.80 0.00	81.60 -1.39 0.00	79.49 -1.93 0.00	82.98 -1.88 0.00	48.05 -0.89 0.00	38.10 -0.55 0.00	36.00 -0.53 0.00	34.59 -0.42 0.00
BETHLEHEM___STEEL 23779	38.29 -0.36 0.00	32.29 -0.11 0.00	30.80 -0.16 0.00	32.42 -0.10 0.00	30.33 -0.29 0.00	34.45 -0.39 0.00	31.02 -0.90 0.00	36.86 -1.36 0.00	32.86 -0.51 0.00	30.03 -0.01 0.00	29.32 -0.02 0.00	27.88 0.25 0.00	29.20 0.27 0.00	30.00 0.24 0.00	33.95 -0.05 0.00	40.22 0.02 0.00	50.06 -0.50 0.00	81.26 -1.73 0.00	81.20 -0.22 0.00	84.36 -0.50 0.00	48.27 -0.67 0.00	37.78 -0.87 0.00	35.89 -0.64 0.00	34.47 -0.53 0.00
BETHLHEM_115KV_TB1 79974	38.43 -0.23 0.00	32.22 -0.17 0.00	30.82 -0.13 0.00	32.31 -0.21 0.00	30.53 -0.09 0.00	34.67 -0.17 0.00	31.92 0.00 0.00	38.26 0.05 0.00	33.22 -0.14 0.00	29.81 -0.23 0.00	29.17 -0.17 0.00	27.41 -0.22 0.00	28.69 -0.24 0.00	29.47 -0.25 0.04	33.67 -0.32 0.00	39.72 -0.48 0.00	49.91 -0.65 0.00	81.85 -1.15 0.00	79.74 -1.69 0.00	83.20 -1.66 0.00	48.19 -0.75 0.00	38.20 -0.44 0.00	36.11 -0.42 0.00	34.69 -0.32 0.00
BETHPAGE_CC_5 323564	39.33 0.68 0.00	33.01 0.62 0.00	31.38 0.42 0.00	32.79 0.27 0.00	30.89 0.27 0.00	35.20 0.36 0.00	32.41 0.48 0.00	38.82 0.60 0.00	33.82 0.46 0.00	30.65 0.62 0.00	30.33 0.99 0.00	28.63 0.99 0.00	30.08 1.14 0.00	44.61 1.23 -13.62	39.66 1.27 -4.39	41.47 1.27 0.00	51.56 1.00 0.00	64.38 1.16 19.78	49.07 0.27 32.63	54.14 0.26 30.98	47.76 0.23 1.42	39.20 0.56 0.00	37.27 0.74 0.00	35.94 0.93 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	38.33 -0.32 0.00	32.32 -0.08 0.00	30.83 -0.13 0.00	32.45 -0.07 0.00	30.35 -0.27 0.00	34.49 -0.36 0.00	31.06 -0.86 0.00	36.93 -1.29 0.00	32.92 -0.45 0.00	30.09 0.05 0.00	29.38 0.04 0.00	27.93 0.30 0.00	29.26 0.33 0.00	30.06 0.30 0.00	34.02 0.02 0.00	40.33 0.14 0.00	50.21 -0.35 0.00	81.50 -1.49 0.00	81.42 0.00 0.00	84.57 -0.29 0.00	48.38 -0.56 0.00	37.85 -0.79 0.00	35.95 -0.58 0.00	34.53 -0.48 0.00
BINGHAMTON___COGEN 23790	38.60 -0.06 0.00	32.41 0.03 0.00	30.95 -0.01 0.00	32.57 0.05 0.00	30.60 -0.03 0.00	34.88 0.04 0.00	31.88 -0.04 0.00	38.14 -0.08 0.00	33.31 -0.05 0.00	30.01 -0.03 0.00	29.27 -0.07 0.00	27.66 0.03 0.00	28.96 0.03 0.00	29.79 0.02 -0.01	34.03 0.03 0.00	40.33 0.14 0.00	50.75 0.19 0.00	83.07 0.08 0.00	81.79 0.36 0.00	85.02 0.16 0.00	48.95 0.01 0.00	38.58 -0.07 0.00	36.53 0.00 0.00	35.01 0.00 0.00

BIXINCNT_115KV_LOAD 355685	38.11 -0.54 0.00	32.27 -0.12 0.00	30.78 -0.17 0.00	32.50 -0.01 0.00	30.43 -0.19 0.00	34.57 -0.27 0.00	31.24 -0.68 0.00	37.24 -0.98 0.00	33.16 -0.21 0.00	30.30 0.27 0.00	29.55 0.21 0.00	28.09 0.45 0.00	29.41 0.48 0.00	30.16 0.40 0.00	34.14 0.14 0.00	40.55 0.35 0.00	50.52 -0.04 0.00	82.10 -0.89 0.00	81.95 0.52 0.00	85.10 0.24 0.00	48.62 -0.32 0.00	37.99 -0.65 0.00	36.10 -0.43 0.00	34.69 -0.31 0.00
BLACK RIVER___HYD 24047	39.64 0.98 0.00	33.14 0.75 0.00	31.74 0.78 0.00	33.36 0.84 0.00	31.29 0.67 0.00	35.91 1.07 0.00	32.92 1.00 0.00	39.70 1.48 0.00	34.52 1.15 0.00	30.74 0.71 0.00	29.72 0.38 0.00	27.94 0.30 0.00	29.04 0.11 0.00	29.73 -0.03 0.00	33.73 -0.27 0.00	39.74 -0.45 0.00	50.73 0.17 0.00	85.84 2.84 0.00	86.22 4.79 0.00	89.83 4.97 0.00	51.29 2.35 0.00	40.17 1.53 0.00	38.13 1.61 0.00	36.52 1.51 0.00
BLACKRVR_115KV_TB2 79977	39.64 0.98 0.00	33.14 0.75 0.00	31.74 0.78 0.00	33.36 0.84 0.00	31.29 0.67 0.00	35.91 1.07 0.00	32.92 1.00 0.00	39.70 1.48 0.00	34.52 1.15 0.00	30.74 0.71 0.00	29.72 0.38 0.00	27.94 0.30 0.00	29.04 0.11 0.00	29.73 -0.03 0.00	33.73 -0.27 0.00	39.74 -0.45 0.00	50.73 0.17 0.00	85.84 2.84 0.00	86.20 4.78 0.00	89.83 4.97 0.00	51.29 2.35 0.00	40.17 1.53 0.00	38.13 1.61 0.00	36.52 1.51 0.00
BLDWN_LI_69_KV_BK4 356085	39.46 0.81 0.00	33.11 0.72 0.00	31.47 0.51 0.00	32.93 0.41 0.00	31.06 0.44 0.00	35.38 0.54 0.00	32.57 0.65 0.00	39.00 0.78 0.00	33.99 0.63 0.00	30.79 0.75 0.00	30.46 1.12 0.00	28.74 1.11 0.00	30.19 1.26 0.00	46.33 1.34 -15.24	40.41 1.50 -4.91	41.83 1.64 0.00	52.00 1.44 0.00	67.77 1.74 16.97	54.88 0.92 27.47	67.83 1.15 18.18	48.87 0.72 0.79	39.60 0.96 0.00	37.61 1.08 0.00	36.26 1.25 0.00
BLISS_WT_PWR 323608	38.04 -0.62 0.00	32.24 -0.15 0.00	30.76 -0.20 0.00	32.49 -0.03 0.00	30.42 -0.20 0.00	34.55 -0.30 0.00	31.23 -0.70 0.00	37.22 -1.00 0.00	33.17 -0.19 0.00	30.32 0.29 0.00	29.57 0.23 0.00	28.11 0.47 0.00	29.42 0.49 0.00	30.18 0.42 0.00	34.15 0.16 0.00	40.58 0.39 0.00	50.56 0.00 0.00	82.17 -0.82 0.00	82.02 0.60 0.00	85.16 0.30 0.00	48.64 -0.30 0.00	38.02 -0.63 0.00	36.12 -0.41 0.00	34.71 -0.30 0.00
BLUESTONE___WT_PWR 323821	39.97 1.32 0.00	33.44 1.05 0.00	31.86 0.90 0.00	33.65 1.13 0.00	31.64 1.01 0.00	36.12 1.27 0.00	33.09 1.17 0.00	39.64 1.42 0.00	34.47 1.11 0.00	30.85 0.82 0.00	29.97 0.63 0.00	28.21 0.58 0.00	29.55 0.62 0.00	30.42 0.65 -0.01	34.73 0.74 0.00	41.34 1.15 0.00	52.35 1.80 0.00	86.53 3.54 0.00	85.41 3.99 0.00	88.83 3.97 0.00	51.06 2.12 0.00	40.22 1.58 0.00	38.01 1.48 0.00	36.35 1.35 0.00
BLUE_CIRC_CHEM_DRP 24182	38.97 0.32 0.00	32.64 0.25 0.00	31.23 0.27 0.00	32.77 0.26 0.00	30.92 0.30 0.00	35.17 0.33 0.00	32.32 0.40 0.00	38.71 0.49 0.00	33.55 0.19 0.00	30.01 -0.03 0.00	29.31 -0.04 0.00	27.55 -0.09 0.00	28.81 -0.12 0.00	29.58 -0.15 0.03	33.72 -0.27 0.00	39.31 -0.89 0.00	49.24 -1.31 0.00	81.01 -1.98 0.00	78.99 -2.43 0.00	82.41 -2.45 0.00	47.74 -1.21 0.00	37.85 -0.79 0.00	35.77 -0.76 0.00	34.36 -0.65 0.00
BOC_GAS_DRP 24189	38.72 0.06 0.00	32.46 0.07 0.00	31.04 0.08 0.00	32.55 0.03 0.00	30.72 0.10 0.00	34.94 0.10 0.00	32.10 0.17 0.00	38.47 0.25 0.00	33.43 0.07 0.00	30.03 0.00 0.00	29.40 0.05 0.00	27.65 0.01 0.00	28.94 0.01 0.00	29.74 0.00 0.03	33.97 -0.03 0.00	40.09 -0.11 0.00	50.32 -0.24 0.00	82.42 -0.57 0.00	80.36 -1.06 0.00	83.80 -1.06 0.00	48.49 -0.45 0.00	38.45 -0.19 0.00	36.37 -0.16 0.00	34.95 -0.06 0.00
BOONVILLE_115KV_TB1 79983	39.40 0.75 0.00	32.97 0.58 0.00	31.54 0.58 0.00	33.15 0.63 0.00	31.17 0.56 0.00	35.61 0.76 0.00	32.66 0.74 0.00	39.23 1.01 0.00	34.12 0.75 0.00	30.52 0.48 0.00	29.70 0.36 0.00	27.92 0.29 0.00	29.19 0.26 0.00	29.98 0.22 0.00	34.18 0.18 0.00	40.47 0.27 0.00	51.30 0.74 0.00	85.34 2.34 0.00	84.32 2.90 0.00	87.75 2.90 0.00	50.33 1.38 0.00	39.58 0.93 0.00	37.49 0.96 0.00	35.90 0.89 0.00
BORALEX_4TH_BRANCH 23824	39.47 0.82 0.00	32.98 0.59 0.00	31.50 0.55 0.00	33.05 0.54 0.00	31.21 0.59 0.00	35.64 0.80 0.00	32.82 0.89 0.00	39.36 1.14 0.00	33.95 0.59 0.00	30.39 0.35 0.00	29.61 0.27 0.00	27.70 0.07 0.00	28.95 0.02 0.00	29.65 0.01 0.12	34.08 0.08 0.00	40.38 0.19 0.00	51.04 0.49 0.00	83.88 0.89 0.00	81.50 0.07 0.00	85.16 0.30 0.00	49.63 0.68 0.00	39.27 0.63 0.00	37.10 0.56 0.00	35.70 0.69 0.00
BOWLINE___1 23526	39.18 0.52 0.00	32.88 0.49 0.00	31.29 0.33 0.00	32.79 0.27 0.00	30.93 0.31 0.00	35.28 0.43 0.00	32.47 0.54 0.00	38.92 0.70 0.00	33.88 0.52 0.00	30.58 0.54 0.00	30.04 0.69 0.00	28.30 0.67 0.00	29.69 0.76 0.00	30.71 0.87 -0.08	35.05 1.05 0.00	41.48 1.28 0.00	51.88 1.32 0.00	84.93 1.94 0.00	82.66 1.23 0.00	86.02 1.16 0.00	49.50 0.55 0.00	39.30 0.65 0.00	37.33 0.80 0.00	35.93 0.93 0.00
BOWLINE___2 23595	39.17 0.51 0.00	32.87 0.48 0.00	31.28 0.32 0.00	32.77 0.25 0.00	30.93 0.30 0.00	35.27 0.43 0.00	32.46 0.53 0.00	38.90 0.68 0.00	33.88 0.51 0.00	30.57 0.53 0.00	30.03 0.69 0.00	28.29 0.66 0.00	29.69 0.76 0.00	30.71 0.87 -0.08	35.04 1.05 0.00	41.46 1.26 0.00	51.86 1.30 0.00	84.91 1.92 0.00	82.62 1.19 0.00	85.99 1.13 0.00	49.48 0.54 0.00	39.28 0.63 0.00	37.32 0.79 0.00	35.93 0.92 0.00
BRADY___115KV_TB2 356060	39.85 1.19 0.00	33.36 0.97 0.00	31.89 0.94 0.00	33.52 1.01 0.00	31.58 0.95 0.00	35.99 1.14 0.00	32.90 0.98 0.00	39.41 1.19 0.00	34.56 1.20 0.00	31.11 1.07 0.00	30.25 0.91 0.00	28.42 0.78 0.00	29.71 0.78 0.00	30.51 0.75 0.00	34.84 0.84 0.00	41.20 1.00 0.00	51.92 1.36 0.00	85.72 2.73 0.00	85.20 3.77 0.00	89.09 4.23 0.00	51.31 2.36 0.00	40.30 1.65 0.00	37.96 1.43 0.00	36.21 1.20 0.00
BRANSCOMB___SOLAR 323811	39.69 1.03 0.00	33.22 0.83 0.00	31.74 0.78 0.00	33.31 0.79 0.00	31.43 0.81 0.00	35.87 1.02 0.00	32.94 1.02 0.00	39.48 1.26 0.00	34.11 0.75 0.00	30.41 0.37 0.00	29.58 0.24 0.00	27.76 0.13 0.00	29.05 0.11 0.00	29.85 0.14 0.06	34.25 0.25 0.00	40.64 0.44 0.00	51.56 1.01 0.00	85.18 2.19 0.00	83.21 1.78 0.00	86.78 1.91 0.00	50.32 1.38 0.00	39.76 1.11 0.00	37.54 1.01 0.00	35.96 0.96 0.00
BRDGHMPT_69_KV_BK1 55812	35.62 -0.32 2.71	4.31 -0.10 27.98	25.29 -0.26 5.40	24.99 -0.37 7.16	25.30 -0.22 5.10	32.20 0.05 2.69	32.30 0.38 0.00	38.80 0.58 0.00	33.79 0.42 0.00	30.67 0.63 0.00	26.62 1.12 3.83	25.48 1.15 3.30	25.78 1.31 4.45	32.34 1.37 -1.20	39.21 1.48 -3.74	41.73 1.53 0.00	51.99 1.44 0.00	61.45 1.95 23.49	43.69 1.14 38.87	46.83 0.57 38.61	47.64 0.48 1.78	39.52 0.87 0.00	37.64 1.11 0.00	36.27 1.27 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	39.14 0.75 0.27	30.36 0.76 2.80	30.97 0.55 0.54	32.25 0.45 0.71	30.57 0.46 0.51	35.09 0.51 0.27	32.47 0.54 0.00	38.88 0.66 0.00	33.87 0.50 0.00	30.69 0.66 0.00	30.15 1.19 0.38	28.52 1.21 0.33	29.85 1.37 0.44	42.04 1.42 -10.86	39.31 1.48 -3.83	41.68 1.48 0.00	51.85 1.30 0.00	61.76 1.60 22.83	43.85 0.21 37.79	47.47 0.14 37.53	47.57 0.35 1.73	39.46 0.82 0.00	37.60 1.07 0.00	36.29 1.28 0.00
BRISTLHL_115KV_TB1 79998	38.14 -0.51 0.00	31.95 -0.44 0.00	30.52 -0.43 0.00	32.06 -0.45 0.00	30.15 -0.47 0.00	34.26 -0.59 0.00	31.36 -0.56 0.00	37.56 -0.65 0.00	32.77 -0.59 0.00	29.45 -0.58 0.00	28.75 -0.60 0.00	27.08 -0.55 0.00	28.35 -0.57 0.00	29.18 -0.58 0.00	33.33 -0.67 0.00	39.43 -0.77 0.00	49.65 -0.91 0.00	81.74 -1.25 0.00	80.44 -0.99 0.00	83.75 -1.11 0.00	48.21 -0.73 0.00	38.03 -0.62 0.00	35.95 -0.58 0.00	34.47 -0.54 0.00
BROOKHAVEN___DRP 24191	35.83 -0.11 2.71	4.44 0.06 28.02	25.42 -0.13 5.41	25.09 -0.26 7.17	25.32 -0.19 5.11	31.99 -0.17 2.69	31.95 0.03 0.00	38.30 0.08 0.00	33.34 -0.02 0.00	30.20 0.17 0.00	26.12 0.62 3.84	25.00 0.67 3.31	25.26 0.79 4.46	31.77 0.82 -1.18	38.62 0.88 -3.74	40.99 0.79 0.00	50.97 0.41 0.00	59.77 0.28 23.50	42.16 -0.37 38.89	45.51 -0.72 38.63	46.86 -0.31 1.78	38.84 0.19 0.00	37.00 0.48 0.00	35.70 0.69 0.00
BROOKLYN_NAVY_YARD 23515	39.41 0.75 0.00	33.18 0.79 0.00	31.56 0.60 0.00	33.06 0.54 0.00	31.19 0.58 0.00	35.56 0.72 0.00	32.78 0.86 0.00	39.29 1.07 0.00	34.27 0.90 0.00	30.88 0.85 0.00	30.36 1.02 0.00	28.60 0.96 0.00	30.04 1.11 0.00	31.08 1.24 -0.08	35.49 1.49 0.00	41.89 1.69 0.00	52.23 1.67 0.00	85.44 2.45 0.00	83.12 1.69 0.00	86.51 1.64 0.00	49.77 0.83 0.00	39.56 0.91 0.00	37.68 1.15 0.00	36.26 1.25 0.00
BROOKLYN___ARMY_DRP 323595	39.64 0.98 0.00	33.32 0.93 0.00	31.67 0.71 0.00	33.17 0.65 0.00	31.30 0.68 0.00	35.71 0.86 0.00	32.89 0.97 -0.01	39.39 1.17 0.00	34.38 1.01 -0.01	31.05 1.01 -0.01	30.55 1.20 0.00	28.78 1.14 0.00	30.22 1.29 0.00	31.26 1.42 -0.08	35.67 1.67 0.00	42.08 1.88 0.00	52.43 1.88 0.00	85.93 2.94 0.00	83.64 2.21 0.00	87.05 2.19 0.00	50.01 1.07 0.00	39.79 1.15 0.00	37.86 1.33 0.00	36.49 1.48 0.00
BROOME_2_LFGE 323671	38.60 -0.06 0.00	32.41 0.03 0.00	30.94 -0.01 0.00	32.57 0.05 0.00	30.60 -0.03 0.00	34.88 0.04 0.00	31.88 -0.04 0.00	38.14 -0.08 0.00	33.31 -0.05 0.00	30.01 -0.03 0.00	29.27 -0.07 0.00	27.66 0.03 0.00	28.96 0.03 0.00	29.79 0.02 -0.01	34.03 0.03 0.00	40.34 0.14 0.00	50.75 0.19 0.00	83.08 0.08 0.00	81.79 0.37 0.00	85.02 0.16 0.00	48.95 0.00 0.00	38.58 -0.07 0.00	36.53 0.00 0.00	35.01 0.00 0.00
BROOME___LFGE 323600	38.60 -0.06 0.00	32.41 0.03 0.00	30.94 -0.01 0.00	32.57 0.05 0.00	30.60 -0.03 0.00	34.88 0.04 0.00	31.88 -0.04 0.00	38.14 -0.08 0.00	33.31 -0.05 0.00	30.01 -0.03 0.00	29.27 -0.07 0.00	27.66 0.03 0.00	28.96 0.03 0.00	29.79 0.02 -0.01	34.03 0.03 0.00	40.34 0.14 0.00	50.75 0.19 0.00	83.08 0.08 0.00	81.79 0.37 0.00	85.02 0.16 0.00	48.95 0.00 0.00	38.58 -0.07 0.00	36.53 0.00 0.00	35.01 0.00 0.00
BROWNFLS_115KV_TB_3_5 80003	39.49 0.84 0.00	33.03 0.64 0.00	31.61 0.65 0.00	33.24 0.72 0.00	31.24 0.63 0.00	35.74 0.89 0.00	32.75 0.83 0.00	39.34 1.12 0.00	34.39 1.02 0.00	30.83 0.80 0.00	29.94 0.60 0.00	28.15 0.52 0.00	29.37 0.44 0.00	30.13 0.37 0.00	34.32 0.32 0.00	40.48 0.29 0.00	51.35 0.79 0.00	85.57 2.57 0.00	85.07 3.65 0.00	88.76 3.90 0.00	50.89 1.95 0.00	39.97 1.33 0.00	37.80 1.28 0.00	36.14 1.13 0.00
BROWNSV1_27_KV_LOAD 356125	39.82 1.16 0.00	33.47 1.08 0.00	31.82 0.87 0.00	33.33 0.82 0.00	31.46 0.84 0.00	35.86 1.02 0.00	33.05 1.13 0.00	39.61 1.39 0.00	34.55 1.19 0.00	31.21 1.17 0.00	30.70 1.36 0.00	28.95 1.31 0.00	30.39 1.46 0.00	31.46 1.62 -0.08	35.92 1.92 0.00	42.42 2.22 0.00	52.92 2.36 0.00	86.56 3.57 0.00	84.22 2.79 0.00	87.65 2.79 0.00	50.44 1.50 0.00	40.06 1.42 0.00	38.11 1.58 0.00	36.67 1.66 0.00
BURROWS___LYONSDAL 23803	39.35 0.70 0.00	32.92 0.53 0.00	31.51 0.55 0.00	33.12 0.60 0.00	31.14 0.52 0.00	35.60 0.75 0.00	32.65 0.73 0.00	39.27 1.05 0.00	34.15 0.78 0.00	30.53 0.49 0.00	29.68 0.34 0.00	27.91 0.28 0.00	29.16 0.23 0.00	29.93 0.17 0.00	34.10 0.11 0.00	40.34 0.15 0.00	51.22 0.66 0.00	85.37 2.38 0.00	84.54 3.12 0.00	87.97 3.11 0.00	50.39 1.45 0.00	39.59 0.95 0.00	37.54 1.01 0.00	35.95 0.95 0.00
CAITHNESS_CC_1 323624	35.86 -0.08 2.71	4.43 0.08 28.05	25.44 -0.10 5.41	25.11 -0.23 7.17	25.34 -0.17 5.11	32.00 -0.15 2.70	31.96 0.04 0.00	38.31 0.09 0.00	33.34 -0.02 0.00	30.21 0.18 0.00	26.13 0.63 3.84	25.01 0.68 3.31	25.27 0.80 4.46	31.76 0.84 -1.16	38.63 0.89 -3.74	40.99 0.80 0.00	50.95 0.40 0.00	59.69 0.21 23.52	42.00 -0.51 38.92	45.34 -0.87 38.65	46.85 -0.32 1.78	38.81 0.17 0.00	36.99 0.46 0.00	35.68 0.68 0.00
CALPINE BETH_PAGE_GT4 24209	39.28 0.62 0.00	32.97 0.57 0.00	31.34 0.38 0.00	32.77 0.25 0.00	30.88 0.26 0.00	35.20 0.36 0.00	32.41 0.48 0.00	38.81 0.59 0.00	33.82 0.46 0.00	30.64 0.61 0.00	30.31 0.97 0.00	28.61 0.97 0.00	30.06 1.12 0.00	45.46 1.20 -14.51	39.89 1.22 -4.68	41.45 1.25 0.00	51.54 0.98 0.00	66.04 1.11 18.06	51.93 0.27 29.77	57.49 0.28 27.64	47.86 0.18 1.26	39.18 0.54 0.00	37.25 0.72 0.00	35.93 0.92 0.00
CALPINE_BETH_PAGE_GT_4 323586	39.28 0.62 0.00	32.96 0.57 0.00	31.34 0.38 0.00	32.77 0.25 0.00	30.88 0.26 0.00	35.20 0.36 0.00	32.41 0.48 0.00	38.81 0.59 0.00	33.82 0.46 0.00	30.64 0.61 0.00	30.31 0.97 0.00	28.60 0.97 0.00	30.06 1.12 0.00	45.47 1.20 -14.51	39.89 1.22 -4.68	41.45 1.25 0.00	51.54 0.99 0.00	66.05 1.12 18.06	51.91 0.26 29.77	57.44 0.23 27.64	47.89 0.21 1.26	39.18 0.54 0.00	37.25 0.72 0.00	35.93 0.92 0.00
CALPINE_BP_GT1 23823	39.28 0.62 0.00	32.96 0.57 0.00	31.34 0.38 0.00	32.77 0.25 0.00	30.88 0.26 0.00	35.20 0.36 0.00	32.41 0.48 0.00	38.81 0.59 0.00	33.82 0.46 0.00	30.64 0.61 0.00	30.31 0.97 0.00	28.60 0.97 0.00	30.06 1.12 0.00	45.47 1.20 -14.51	39.89 1.22 -4.68	41.45 1.25 0.00	51.54 0.99 0.00	66.05 1.12 18.06	51.91 0.26 29.77	57.44 0.23 27.64	47.89 0.21 1.26	39.18 0.54 0.00	37.25 0.72 0.00	35.93 0.92 0.00
CALSPAN___DRP 24200	38.29 -0.36 0.00	32.29 -0.11 0.00	30.80 -0.16 0.00	32.42 -0.10 0.00	30.33 -0.29 0.00	34.45 -0.39 0.00	31.02 -0.90 0.00	36.86 -1.36 0.00	32.86 -0.51 0.00	30.03 -0.01 0.00	29.32 -0.02 0.00	27.88 0.25 0.00	29.20 0.27 0.00	30.00 0.24 0.00	33.95 -0.05 0.00	40.22 0.02 0.00	50.06 -0.50 0.00	81.26 -1.73 0.00	81.20 -0.22 0.00	84.36 -0.50 0.00	48.27 -0.67 0.00	37.78 -0.87 0.00	35.89 -0.64 0.00	34.47 -0.53 0.00

CALVERTON___SOLAR 323806	35.82 -0.13 2.71	4.41 0.04 28.02	25.41 -0.13 5.41	25.08 -0.27 7.17	25.31 -0.20 5.11	32.00 -0.15 2.69	31.98 0.06 0.00	38.34 0.12 0.00	33.36 0.00 0.00	30.23 0.19 0.00	26.13 0.64 3.84	25.01 0.68 3.31	25.28 0.81 4.46	31.79 0.85 -1.18	38.65 0.91 -3.74	41.04 0.84 0.00	51.06 0.50 0.00	59.94 0.44 23.50	42.26 -0.28 38.89	45.57 -0.67 38.63	46.96 -0.21 1.78	38.90 0.25 0.00	37.07 0.53 0.00	35.74 0.74 0.00
CANDIGU_WT_PWR 323617	38.23 -0.43 0.00	32.15 -0.24 0.00	30.69 -0.26 0.00	32.39 -0.13 0.00	30.36 -0.26 0.00	34.61 -0.24 0.00	31.38 -0.54 0.00	37.40 -0.82 0.00	32.84 -0.53 0.00	29.68 -0.36 0.00	28.85 -0.49 0.00	27.39 -0.24 0.00	28.65 -0.28 0.00	29.42 -0.34 0.00	33.50 -0.49 0.00	39.71 -0.49 0.00	49.84 -0.71 0.00	81.68 -1.32 0.00	81.62 0.20 0.00	84.77 -0.09 0.00	48.54 -0.41 0.00	37.88 -0.77 0.00	35.86 -0.67 0.00	34.36 -0.65 0.00
CARR STREET_E_SYR 24060	38.44 -0.21 0.00	32.21 -0.18 0.00	30.77 -0.19 0.00	32.32 -0.20 0.00	30.39 -0.23 0.00	34.56 -0.28 0.00	31.62 -0.30 0.00	37.86 -0.36 0.00	33.03 -0.33 0.00	29.69 -0.34 0.00	28.99 -0.36 0.00	27.35 -0.29 0.00	28.64 -0.29 0.00	29.48 -0.28 0.00	33.67 -0.32 0.00	39.79 -0.41 0.00	50.09 -0.47 0.00	82.40 -0.59 0.00	81.05 -0.37 0.00	84.37 -0.49 0.00	48.54 -0.40 0.00	38.27 -0.37 0.00	36.18 -0.35 0.00	34.67 -0.34 0.00
CARTHAGE___PAPER 23857	39.73 1.07 0.00	33.21 0.82 0.00	31.81 0.85 0.00	33.43 0.91 0.00	31.39 0.76 0.00	35.99 1.15 0.00	33.01 1.09 0.00	39.78 1.56 0.00	34.59 1.22 0.00	30.82 0.78 0.00	29.81 0.47 0.00	28.04 0.40 0.00	29.14 0.21 0.00	29.85 0.09 0.00	33.90 -0.09 0.00	39.99 -0.20 0.00	51.05 0.50 0.00	86.14 3.15 0.00	86.27 4.85 0.00	89.89 5.03 0.00	51.36 2.41 0.00	40.23 1.58 0.00	38.17 1.64 0.00	36.55 1.54 0.00
CASSADAGA_WT_PWR 323784	38.70 0.04 0.00	32.47 0.08 0.00	30.82 -0.14 0.00	32.50 -0.02 0.00	30.36 -0.26 0.00	34.70 -0.15 0.00	31.43 -0.49 0.00	37.53 -0.69 0.00	33.46 0.10 0.00	30.53 0.49 0.00	29.77 0.43 0.00	28.35 0.71 0.00	29.67 0.74 0.00	30.45 0.68 0.00	34.51 0.52 0.00	41.05 0.85 0.00	51.28 0.73 0.00	83.16 0.17 0.00	83.26 1.83 0.00	86.44 1.58 0.00	49.46 0.52 0.00	38.59 -0.06 0.00	36.64 0.11 0.00	35.00 -0.01 0.00
CE_DUNWOOD___DRP 24194	39.37 0.72 0.00	33.06 0.67 0.00	31.46 0.50 0.00	32.96 0.44 0.00	31.09 0.48 0.00	35.45 0.61 0.00	32.65 0.72 0.00	39.13 0.91 0.00	34.09 0.73 0.00	30.78 0.74 0.00	30.25 0.91 0.00	28.50 0.86 0.00	29.90 0.97 0.00	30.93 1.09 -0.08	35.29 1.30 0.00	41.72 1.53 0.00	52.12 1.56 0.00	85.29 2.30 0.00	82.97 1.54 0.00	86.38 1.52 0.00	49.75 0.80 0.00	39.51 0.86 0.00	37.54 1.01 0.00	36.13 1.12 0.00
CE_MILLWOOD___DRP 24193	39.31 0.66 0.00	33.00 0.61 0.00	31.41 0.45 0.00	32.90 0.39 0.00	31.05 0.43 0.00	35.41 0.57 0.00	32.60 0.68 0.00	39.07 0.85 0.00	34.02 0.66 0.00	30.71 0.67 0.00	30.17 0.83 0.00	28.42 0.79 0.00	29.82 0.89 0.00	30.85 1.01 -0.08	35.20 1.21 0.00	41.63 1.43 0.00	52.01 1.46 0.00	85.14 2.14 0.00	82.84 1.41 0.00	86.24 1.38 0.00	49.66 0.71 0.00	39.43 0.79 0.00	37.46 0.93 0.00	36.06 1.05 0.00
CE_NYC2_DRP 24202	39.56 0.90 0.00	33.33 0.94 0.00	31.70 0.74 0.00	33.21 0.69 0.00	31.34 0.71 0.00	35.73 0.88 0.00	32.92 1.00 -0.01	39.43 1.21 0.00	34.41 1.04 -0.01	31.08 1.04 -0.01	30.57 1.22 0.00	28.80 1.17 0.00	30.24 1.31 0.00	31.30 1.46 -0.08	35.70 1.71 0.00	42.10 1.91 0.00	52.44 1.88 0.00	85.81 2.82 0.00	83.49 2.07 0.00	86.89 2.03 0.00	49.97 1.03 0.00	39.74 1.10 0.00	37.83 1.30 0.00	36.43 1.42 0.00
CE_NYC_DRP 24195	39.54 0.89 0.00	33.25 0.86 0.00	31.63 0.67 0.00	33.13 0.61 0.00	31.27 0.65 0.00	35.65 0.80 0.00	32.84 0.92 0.00	39.36 1.14 0.00	34.32 0.96 0.00	31.00 0.96 0.00	30.49 1.15 0.00	28.74 1.10 0.00	30.17 1.24 0.00	31.22 1.38 -0.08	35.63 1.64 0.00	42.09 1.90 0.00	52.47 1.91 0.00	85.85 2.85 0.00	83.51 2.08 0.00	86.90 2.04 0.00	50.01 1.07 0.00	39.75 1.10 0.00	37.80 1.27 0.00	36.39 1.38 0.00
CHAFFEE___LFGE 323603	38.34 -0.31 0.00	32.32 -0.07 0.00	30.83 -0.13 0.00	32.44 -0.07 0.00	30.35 -0.27 0.00	34.50 -0.35 0.00	31.07 -0.85 0.00	36.94 -1.29 0.00	32.94 -0.42 0.00	30.09 0.05 0.00	29.37 0.03 0.00	27.94 0.30 0.00	29.24 0.31 0.00	30.05 0.29 0.00	34.00 0.00 0.00	40.33 0.14 0.00	50.22 -0.33 0.00	81.57 -1.42 0.00	81.58 0.15 0.00	84.73 -0.14 0.00	48.45 -0.49 0.00	37.90 -0.75 0.00	35.99 -0.53 0.00	34.56 -0.44 0.00
CHATEAUG_35_KV_LOAD 355732	39.01 0.35 0.00	32.57 0.18 0.00	31.05 0.09 0.00	32.72 0.20 0.00	30.85 0.23 0.00	35.34 0.50 0.00	32.54 0.61 0.00	38.93 0.71 0.00	34.36 1.00 0.00	31.05 1.01 0.00	30.29 0.95 0.00	28.55 0.91 0.00	29.81 0.88 0.00	30.64 0.88 0.00	35.07 1.07 0.00	41.57 1.38 0.00	52.58 2.03 0.00	86.79 3.79 0.00	85.34 3.91 0.00	89.33 4.47 0.00	51.41 2.47 0.00	40.39 1.74 0.00	37.95 1.42 0.00	35.98 0.97 0.00
CHATEAUG_WT_PWR 323614	38.94 0.28 0.00	32.51 0.11 0.00	30.99 0.03 0.00	32.65 0.14 0.00	30.81 0.18 0.00	35.28 0.44 0.00	32.49 0.57 0.00	38.90 0.68 0.00	34.33 0.96 0.00	31.05 1.01 0.00	30.31 0.97 0.00	28.56 0.93 0.00	29.83 0.90 0.00	30.67 0.91 0.00	35.09 1.10 0.00	41.62 1.43 0.00	52.69 2.13 0.00	86.88 3.89 0.00	85.21 3.79 0.00	89.12 4.26 0.00	51.31 2.36 0.00	40.31 1.66 0.00	37.89 1.36 0.00	35.96 0.96 0.00
CHAT_HIGH_FALL_HYD 323578	39.01 0.35 0.00	32.57 0.18 0.00	31.05 0.09 0.00	32.72 0.20 0.00	30.85 0.23 0.00	35.34 0.50 0.00	32.54 0.61 0.00	38.93 0.71 0.00	34.36 1.00 0.00	31.05 1.01 0.00	30.29 0.95 0.00	28.55 0.91 0.00	29.81 0.88 0.00	30.64 0.88 0.00	35.07 1.07 0.00	41.57 1.38 0.00	52.58 2.03 0.00	86.79 3.79 0.00	85.34 3.91 0.00	89.33 4.47 0.00	51.41 2.47 0.00	40.39 1.74 0.00	37.95 1.42 0.00	35.98 0.97 0.00
CHAUTAUQUA___LFGE 323629	38.43 -0.23 0.00	32.33 -0.06 0.00	30.73 -0.22 0.00	32.42 -0.10 0.00	30.29 -0.33 0.00	34.57 -0.27 0.00	31.23 -0.69 0.00	37.22 -1.01 0.00	33.13 -0.23 0.00	30.22 0.19 0.00	29.48 0.14 0.00	28.09 0.45 0.00	29.39 0.46 0.00	30.17 0.41 0.00	34.21 0.22 0.00	40.62 0.42 0.00	50.72 0.16 0.00	82.12 -0.87 0.00	82.18 0.75 0.00	85.35 0.49 0.00	48.90 -0.04 0.00	38.17 -0.47 0.00	36.27 -0.26 0.00	34.72 -0.29 0.00
CHERRYST_13_KV_LD 356241	39.64 0.99 0.00	33.33 0.94 0.00	31.70 0.74 0.00	33.21 0.69 0.00	31.34 0.71 0.00	35.73 0.89 0.00	32.92 1.00 0.00	39.46 1.24 0.00	34.42 1.05 0.00	31.09 1.06 0.00	30.59 1.24 0.00	28.82 1.19 0.00	30.27 1.34 0.00	31.33 1.49 -0.08	35.76 1.76 0.00	42.22 2.03 0.00	52.65 2.09 0.00	86.12 3.13 0.00	83.78 2.35 0.00	87.17 2.31 0.00	50.16 1.22 0.00	39.86 1.22 0.00	37.91 1.38 0.00	36.48 1.47 0.00

CHESTROR_138KV_BK263 355645	39.09 0.44 0.00	32.80 0.41 0.00	31.24 0.28 0.00	32.73 0.21 0.00	30.89 0.27 0.00	35.21 0.36 0.00	32.39 0.47 0.00	38.83 0.61 0.00	33.79 0.42 0.00	30.46 0.42 0.00	29.88 0.54 0.00	28.14 0.51 0.00	29.51 0.58 0.00	30.51 0.68 -0.07	34.82 0.82 0.00	41.23 1.03 0.00	51.66 1.10 0.00	84.64 1.65 0.00	82.46 1.04 0.00	85.83 0.97 0.00	49.42 0.47 0.00	39.21 0.56 0.00	37.21 0.68 0.00	35.79 0.78 0.00
CH_MIDHUDSON___DRP 24192	39.34 0.69 0.00	32.99 0.60 0.00	31.44 0.48 0.00	32.95 0.43 0.00	31.09 0.47 0.00	35.44 0.60 0.00	32.61 0.69 0.00	39.10 0.88 0.00	34.02 0.65 0.00	30.66 0.62 0.00	30.08 0.74 0.00	28.31 0.67 0.00	29.68 0.75 0.00	30.66 0.84 -0.06	35.03 1.03 0.00	41.49 1.29 0.00	51.96 1.40 0.00	85.12 2.13 0.00	82.82 1.40 0.00	86.23 1.37 0.00	49.74 0.79 0.00	39.46 0.81 0.00	37.41 0.88 0.00	35.96 0.95 0.00
CH_MISC_IPPS 23765	39.53 0.88 0.00	33.15 0.76 0.00	31.58 0.62 0.00	33.09 0.57 0.00	31.22 0.60 0.00	35.60 0.75 0.00	32.76 0.84 0.00	39.27 1.05 0.00	34.18 0.81 0.00	30.80 0.76 0.00	30.22 0.88 0.00	28.45 0.81 0.00	29.83 0.90 0.00	30.84 1.01 -0.07	35.23 1.24 0.00	41.75 1.55 0.00	52.33 1.78 0.00	85.75 2.76 0.00	83.48 2.05 0.00	86.86 2.00 0.00	50.06 1.12 0.00	39.70 1.06 0.00	37.65 1.12 0.00	36.17 1.16 0.00
CH_RES_BVR_FALLS 23983	38.32 -0.33 0.00	32.18 -0.21 0.00	30.83 -0.13 0.00	32.42 -0.10 0.00	30.50 -0.12 0.00	34.77 -0.08 0.00	31.89 -0.03 0.00	38.20 -0.02 0.00	33.44 0.07 0.00	30.19 0.15 0.00	29.52 0.17 0.00	27.80 0.16 0.00	29.09 0.16 0.00	29.91 0.14 0.00	34.14 0.15 0.00	40.34 0.14 0.00	50.78 0.22 0.00	83.40 0.41 0.00	81.94 0.52 0.00	85.31 0.45 0.00	49.11 0.17 0.00	38.70 0.06 0.00	36.62 0.09 0.00	35.06 0.05 0.00
CH_RES_NIAGARA 23895	37.70 -0.95 0.00	31.79 -0.60 0.00	30.37 -0.59 0.00	31.95 -0.57 0.00	29.88 -0.74 0.00	33.88 -0.97 0.00	30.30 -1.62 0.00	35.88 -2.34 0.00	32.12 -1.25 0.00	29.43 -0.60 0.00	28.76 -0.58 0.00	27.33 -0.30 0.00	28.62 -0.31 0.00	29.42 -0.34 0.00	33.24 -0.76 0.00	39.17 -1.03 0.00	48.54 -2.02 0.00	78.62 -4.37 0.00	78.47 -2.96 0.00	81.71 -3.15 0.00	46.79 -2.15 0.00	36.65 -1.99 0.00	34.89 -1.64 0.00	33.58 -1.43 0.00
CH_RES_SYRACUSE 23985	38.64 -0.01 0.00	32.38 -0.01 0.00	30.91 -0.05 0.00	32.50 -0.02 0.00	30.55 -0.07 0.00	34.76 -0.09 0.00	31.81 -0.11 0.00	38.08 -0.14 0.00	33.21 -0.15 0.00	29.81 -0.23 0.00	29.07 -0.27 0.00	27.43 -0.20 0.00	28.72 -0.21 0.00	29.57 -0.20 0.00	33.78 -0.21 0.00	40.00 -0.20 0.00	50.43 -0.12 0.00	83.06 0.07 0.00	81.72 0.30 0.00	85.03 0.17 0.00	48.93 -0.01 0.00	38.59 -0.05 0.00	36.47 -0.06 0.00	34.93 -0.08 0.00
CLINTON_WT_PWR 323605	38.94 0.28 0.00	32.51 0.11 0.00	30.99 0.03 0.00	32.65 0.14 0.00	30.81 0.18 0.00	35.28 0.44 0.00	32.49 0.57 0.00	38.90 0.68 0.00	34.33 0.96 0.00	31.05 1.01 0.00	30.31 0.97 0.00	28.56 0.93 0.00	29.83 0.90 0.00	30.67 0.91 0.00	35.09 1.10 0.00	41.62 1.43 0.00	52.69 2.13 0.00	86.88 3.89 0.00	85.21 3.79 0.00	89.12 4.26 0.00	51.31 2.36 0.00	40.31 1.66 0.00	37.89 1.36 0.00	35.96 0.96 0.00
CLINTON___LFGE 323618	39.37 0.72 0.00	32.81 0.42 0.00	31.24 0.29 0.00	32.92 0.40 0.00	31.10 0.48 0.00	35.70 0.85 0.00	32.93 1.01 0.00	39.43 1.21 0.00	34.80 1.44 0.00	31.45 1.41 0.00	30.69 1.35 0.00	28.92 1.29 0.00	30.19 1.26 0.00	31.04 1.28 0.00	35.52 1.53 0.00	42.21 2.02 0.00	53.64 3.08 0.00	88.77 5.78 0.00	86.98 5.55 0.00	91.12 6.25 0.00	52.43 3.49 0.00	41.13 2.49 0.00	38.62 2.09 0.00	36.60 1.59 0.00
COBBLENY_34_KV_TB1 80064	38.35 -0.31 0.00	32.32 -0.07 0.00	30.83 -0.13 0.00	32.45 -0.07 0.00	30.35 -0.27 0.00	34.49 -0.35 0.00	31.07 -0.85 0.00	36.94 -1.28 0.00	32.93 -0.43 0.00	30.09 0.05 0.00	29.37 0.03 0.00	27.93 0.30 0.00	29.25 0.32 0.00	30.05 0.29 0.00	34.00 0.00 0.00	40.33 0.13 0.00	50.22 -0.33 0.00	81.57 -1.42 0.00	81.54 0.12 0.00	84.71 -0.15 0.00	48.46 -0.49 0.00	37.90 -0.75 0.00	35.99 -0.53 0.00	34.56 -0.44 0.00
COFFEEN___115KV_TB3 355620	39.88 1.23 0.00	33.34 0.95 0.00	31.92 0.96 0.00	33.55 1.03 0.00	31.46 0.84 0.00	36.10 1.25 0.00	33.08 1.17 0.00	39.90 1.68 0.00	34.68 1.32 0.00	30.87 0.83 0.00	29.80 0.46 0.00	28.00 0.36 0.00	29.08 0.15 0.00	29.76 0.00 0.00	33.75 -0.25 0.00	39.73 -0.47 0.00	50.75 0.19 0.00	86.08 3.09 0.00	86.72 5.29 0.00	90.47 5.61 0.00	51.68 2.74 0.00	40.46 1.81 0.00	38.38 1.85 0.00	36.73 1.72 0.00
COLDSPRG_115KV_BK1 355956	38.79 0.14 0.00	32.70 0.31 0.00	31.09 0.14 0.00	32.80 0.28 0.00	30.67 0.05 0.00	35.02 0.18 0.00	31.69 -0.23 0.00	37.85 -0.37 0.00	33.65 0.28 0.00	30.67 0.63 0.00	29.88 0.54 0.00	28.43 0.79 0.00	29.78 0.85 0.00	30.51 0.75 0.00	34.56 0.57 0.00	41.18 0.99 0.00	51.43 0.87 0.00	83.50 0.51 0.00	83.47 2.05 0.00	86.63 1.77 0.00	49.49 0.55 0.00	38.61 -0.03 0.00	36.67 0.14 0.00	35.15 0.14 0.00
COLONIE_LFGE___ 323577	39.25 0.59 0.00	32.85 0.46 0.00	31.40 0.44 0.00	32.93 0.41 0.00	31.08 0.46 0.00	35.42 0.58 0.00	32.55 0.63 0.00	39.03 0.81 0.00	33.79 0.43 0.00	30.28 0.25 0.00	29.57 0.23 0.00	27.74 0.11 0.00	29.03 0.10 0.00	29.81 0.12 0.07	34.18 0.18 0.00	40.44 0.25 0.00	51.02 0.46 0.00	83.85 0.86 0.00	81.69 0.27 0.00	85.32 0.46 0.00	49.47 0.53 0.00	39.14 0.50 0.00	36.98 0.45 0.00	35.52 0.51 0.00
COOPERNY_115KV_TB1 80082	38.94 0.28 0.00	32.67 0.28 0.00	31.14 0.18 0.00	32.65 0.13 0.00	30.80 0.18 0.00	35.09 0.25 0.00	32.27 0.34 0.00	38.64 0.42 0.00	33.64 0.28 0.00	30.32 0.29 0.00	29.74 0.40 0.00	28.01 0.37 0.00	29.37 0.44 0.00	30.32 0.50 -0.06	34.61 0.62 0.00	40.99 0.79 0.00	51.38 0.82 0.00	84.19 1.20 0.00	82.09 0.67 0.00	85.43 0.57 0.00	49.21 0.26 0.00	39.03 0.38 0.00	37.03 0.49 0.00	35.60 0.59 0.00
COPENHAGEN_WT_PWR 323753	39.24 0.59 0.00	32.82 0.43 0.00	31.45 0.49 0.00	33.07 0.55 0.00	31.00 0.38 0.00	35.61 0.77 0.00	32.66 0.74 0.00	39.39 1.17 0.00	34.27 0.91 0.00	30.61 0.58 0.00	29.62 0.28 0.00	27.85 0.21 0.00	28.97 0.04 0.00	29.65 -0.11 0.00	33.60 -0.39 0.00	39.59 -0.61 0.00	50.50 -0.05 0.00	85.31 2.31 0.00	85.55 4.13 0.00	89.01 4.15 0.00	50.78 1.83 0.00	39.75 1.10 0.00	37.81 1.28 0.00	36.24 1.23 0.00
CORNELL_____ 23752	39.14 0.49 0.00	32.83 0.44 0.00	31.32 0.36 0.00	32.94 0.42 0.00	30.95 0.33 0.00	35.27 0.43 0.00	32.28 0.35 0.00	38.63 0.41 0.00	33.64 0.27 0.00	30.09 0.06 0.00	29.24 -0.11 0.00	27.56 -0.07 0.00	28.85 -0.08 0.00	29.69 -0.07 0.00	33.93 -0.06 0.00	40.22 0.03 0.00	50.83 0.27 0.00	84.00 1.01 0.00	83.21 1.79 0.00	86.69 1.82 0.00	49.87 0.92 0.00	39.25 0.61 0.00	37.09 0.56 0.00	35.49 0.49 0.00

CORONA__69_KV_TB1 355595	39.55 0.90 0.00	33.19 0.80 0.00	31.56 0.60 0.00	33.04 0.53 0.00	31.16 0.54 0.00	35.50 0.66 0.00	32.69 0.76 0.00	39.13 0.91 0.00	34.11 0.74 0.00	30.89 0.86 0.00	30.55 1.21 0.00	28.84 1.20 0.00	30.28 1.34 -0.01	52.02 1.42 -20.84	42.36 1.63 -6.73	42.02 1.82 0.00	52.33 1.78 0.00	85.41 2.42 0.00	82.97 1.54 0.00	86.44 1.58 0.00	49.93 0.98 0.00	39.78 1.14 0.00	37.75 1.22 0.00	36.39 1.39 0.00
CORTLAND__115KV_TB3 80093	39.39 0.73 0.00	32.97 0.57 0.00	31.50 0.55 0.00	33.09 0.57 0.00	31.13 0.51 0.00	35.43 0.59 0.00	32.46 0.54 0.00	38.92 0.70 0.00	33.88 0.51 0.00	30.29 0.26 0.00	29.50 0.16 0.00	27.79 0.15 0.00	29.10 0.17 0.00	29.95 0.19 0.00	34.22 0.22 0.00	40.56 0.36 0.00	51.21 0.65 0.00	84.78 1.79 0.00	83.73 2.31 0.00	87.24 2.38 0.00	50.12 1.18 0.00	39.46 0.82 0.00	37.26 0.73 0.00	35.65 0.65 0.00
COXSACKIE__GT 23611	39.89 1.23 0.00	33.37 0.98 0.00	31.93 0.97 0.00	33.48 0.96 0.00	31.61 0.99 0.00	35.97 1.12 0.00	33.09 1.17 0.00	39.82 1.60 0.00	34.44 1.08 0.00	30.57 0.53 0.00	29.61 0.27 0.00	27.76 0.13 0.00	28.99 0.06 0.00	29.79 0.05 0.01	33.97 -0.02 0.00	40.08 -0.12 0.00	50.64 0.09 0.00	84.05 1.06 0.00	82.99 1.56 0.00	86.69 1.83 0.00	50.12 1.18 0.00	39.62 0.97 0.00	37.29 0.76 0.00	35.70 0.70 0.00
CPV__VALLEY__CC1 323721	38.86 0.21 0.00	32.61 0.22 0.00	31.07 0.11 0.00	32.56 0.04 0.00	30.73 0.11 0.00	35.01 0.16 0.00	32.20 0.28 0.00	38.59 0.37 0.00	33.58 0.22 0.00	30.30 0.27 0.00	29.74 0.40 0.00	28.01 0.37 0.00	29.37 0.44 0.00	30.35 0.52 -0.07	34.63 0.64 0.00	40.98 0.79 0.00	51.33 0.77 0.00	84.08 1.09 0.00	81.89 0.47 0.00	85.23 0.37 0.00	49.08 0.14 0.00	38.95 0.31 0.00	36.98 0.45 0.00	35.56 0.56 0.00
CPV__VALLEY__CC2 323722	38.86 0.21 0.00	32.61 0.22 0.00	31.07 0.11 0.00	32.56 0.04 0.00	30.73 0.11 0.00	35.01 0.16 0.00	32.20 0.28 0.00	38.59 0.37 0.00	33.58 0.22 0.00	30.30 0.27 0.00	29.74 0.40 0.00	28.01 0.37 0.00	29.37 0.44 0.00	30.35 0.52 -0.07	34.63 0.64 0.00	40.98 0.79 0.00	51.33 0.77 0.00	84.08 1.09 0.00	81.89 0.47 0.00	85.23 0.37 0.00	49.08 0.14 0.00	38.95 0.31 0.00	36.98 0.45 0.00	35.56 0.56 0.00
CRESCENT__HYD 24018	39.25 0.59 0.00	32.85 0.46 0.00	31.40 0.44 0.00	32.93 0.41 0.00	31.08 0.46 0.00	35.42 0.58 0.00	32.55 0.63 0.00	39.03 0.81 0.00	33.79 0.43 0.00	30.28 0.25 0.00	29.57 0.23 0.00	27.74 0.11 0.00	29.03 0.10 0.00	29.81 0.12 0.07	34.18 0.18 0.00	40.44 0.25 0.00	51.02 0.46 0.00	83.85 0.86 0.00	81.69 0.27 0.00	85.32 0.46 0.00	49.47 0.53 0.00	39.14 0.50 0.00	36.98 0.45 0.00	35.52 0.51 0.00
CRICKET__VALLEY_CC1 323756	38.91 0.25 0.00	32.58 0.19 0.00	31.06 0.10 0.00	32.56 0.04 0.00	30.73 0.11 0.00	35.04 0.19 0.00	32.26 0.34 0.00	38.66 0.44 0.00	33.57 0.21 0.00	30.26 0.22 0.00	29.68 0.34 0.00	27.91 0.27 0.00	29.24 0.31 0.00	29.30 0.35 0.82	34.47 0.48 0.00	40.83 0.63 0.00	51.13 0.57 0.00	83.74 0.75 0.00	81.35 -0.07 0.00	84.75 -0.11 0.00	49.03 0.08 0.00	38.89 0.24 0.00	36.84 0.31 0.00	35.42 0.41 0.00
CRICKET__VALLEY_CC2 323757	38.91 0.25 0.00	32.58 0.19 0.00	31.06 0.10 0.00	32.56 0.04 0.00	30.73 0.11 0.00	35.04 0.19 0.00	32.26 0.34 0.00	38.66 0.44 0.00	33.57 0.21 0.00	30.26 0.22 0.00	29.68 0.34 0.00	27.91 0.27 0.00	29.24 0.31 0.00	29.30 0.35 0.82	34.47 0.48 0.00	40.83 0.63 0.00	51.13 0.57 0.00	83.74 0.75 0.00	81.35 -0.07 0.00	84.75 -0.11 0.00	49.03 0.08 0.00	38.89 0.24 0.00	36.84 0.31 0.00	35.42 0.41 0.00
CRICKET__VALLEY_CC3 323758	38.91 0.25 0.00	32.58 0.19 0.00	31.06 0.10 0.00	32.56 0.04 0.00	30.73 0.11 0.00	35.04 0.19 0.00	32.26 0.34 0.00	38.66 0.44 0.00	33.57 0.21 0.00	30.26 0.22 0.00	29.68 0.34 0.00	27.91 0.27 0.00	29.24 0.31 0.00	29.30 0.35 0.82	34.47 0.48 0.00	40.83 0.63 0.00	51.13 0.57 0.00	83.74 0.75 0.00	81.35 -0.07 0.00	84.75 -0.11 0.00	49.03 0.08 0.00	38.89 0.24 0.00	36.84 0.31 0.00	35.42 0.41 0.00
CRUCIBLE__METL_DRP 24180	38.64 -0.01 0.00	32.38 -0.01 0.00	30.91 -0.05 0.00	32.50 -0.02 0.00	30.55 -0.07 0.00	34.76 -0.09 0.00	31.81 -0.11 0.00	38.08 -0.14 0.00	33.21 -0.16 0.00	29.81 -0.23 0.00	29.07 -0.27 0.00	27.43 -0.20 0.00	28.72 -0.21 0.00	29.57 -0.20 0.00	33.78 -0.22 0.00	39.99 -0.20 0.00	50.43 -0.12 0.00	83.06 0.07 0.00	81.71 0.29 0.00	85.03 0.17 0.00	48.93 -0.01 0.00	38.59 -0.05 0.00	36.47 -0.07 0.00	34.93 -0.08 0.00
DAHOWA__HYDRO 323763	39.82 1.16 0.00	33.34 0.94 0.00	31.85 0.90 0.00	33.43 0.92 0.00	31.54 0.92 0.00	36.01 1.17 0.00	33.08 1.16 0.00	39.63 1.41 0.00	34.23 0.87 0.00	30.50 0.47 0.00	29.64 0.30 0.00	27.81 0.18 0.00	29.09 0.16 0.00	29.90 0.19 0.06	34.31 0.31 0.00	40.75 0.55 0.00	51.78 1.22 0.00	85.62 2.63 0.00	83.64 2.21 0.00	87.21 2.35 0.00	50.60 1.65 0.00	39.96 1.31 0.00	37.70 1.17 0.00	36.09 1.08 0.00
DANC__LFGE 323619	38.87 0.21 0.00	32.53 0.14 0.00	31.12 0.17 0.00	32.72 0.20 0.00	30.71 0.08 0.00	35.14 0.29 0.00	32.20 0.28 0.00	38.73 0.51 0.00	33.74 0.37 0.00	30.19 0.16 0.00	29.29 -0.06 0.00	27.56 -0.08 0.00	28.73 -0.20 0.00	29.47 -0.29 0.00	33.49 -0.50 0.00	39.50 -0.70 0.00	50.12 -0.44 0.00	83.89 0.90 0.00	83.58 2.16 0.00	87.02 2.16 0.00	49.85 0.90 0.00	39.15 0.51 0.00	37.14 0.61 0.00	35.60 0.59 0.00
DANSKAMMER__1 23586	39.53 0.88 0.00	33.15 0.76 0.00	31.58 0.62 0.00	33.09 0.57 0.00	31.22 0.60 0.00	35.60 0.75 0.00	32.76 0.84 0.00	39.27 1.05 0.00	34.18 0.81 0.00	30.80 0.76 0.00	30.22 0.88 0.00	28.45 0.81 0.00	29.83 0.90 0.00	30.84 1.01 -0.07	35.23 1.24 0.00	41.75 1.55 0.00	52.33 1.78 0.00	85.75 2.76 0.00	83.48 2.05 0.00	86.86 2.00 0.00	50.06 1.12 0.00	39.70 1.06 0.00	37.65 1.12 0.00	36.17 1.16 0.00
DANSKAMMER__2 23589	39.53 0.88 0.00	33.15 0.76 0.00	31.58 0.62 0.00	33.09 0.57 0.00	31.22 0.60 0.00	35.60 0.75 0.00	32.76 0.84 0.00	39.27 1.05 0.00	34.18 0.81 0.00	30.80 0.76 0.00	30.22 0.88 0.00	28.45 0.81 0.00	29.83 0.90 0.00	30.84 1.01 -0.07	35.23 1.24 0.00	41.75 1.55 0.00	52.33 1.78 0.00	85.75 2.76 0.00	83.48 2.05 0.00	86.86 2.00 0.00	50.06 1.12 0.00	39.70 1.06 0.00	37.65 1.12 0.00	36.17 1.16 0.00
DANSKAMMER__3 23590	39.53 0.88 0.00	33.15 0.76 0.00	31.58 0.62 0.00	33.09 0.57 0.00	31.22 0.60 0.00	35.60 0.75 0.00	32.76 0.84 0.00	39.27 1.05 0.00	34.18 0.81 0.00	30.80 0.76 0.00	30.22 0.88 0.00	28.45 0.81 0.00	29.83 0.90 0.00	30.84 1.01 -0.07	35.23 1.24 0.00	41.75 1.55 0.00	52.33 1.78 0.00	85.75 2.76 0.00	83.48 2.05 0.00	86.86 2.00 0.00	50.06 1.12 0.00	39.70 1.06 0.00	37.65 1.12 0.00	36.17 1.16 0.00

DANSKAMMER___4 23591	39.53 0.88 0.00	33.15 0.76 0.00	31.58 0.62 0.00	33.09 0.57 0.00	31.22 0.60 0.00	35.60 0.75 0.00	32.76 0.84 0.00	39.27 1.05 0.00	34.18 0.81 0.00	30.80 0.76 0.00	30.22 0.88 0.00	28.45 0.81 0.00	29.83 0.90 0.00	30.84 1.01 -0.07	35.23 1.24 0.00	41.75 1.55 0.00	52.33 1.78 0.00	85.75 2.76 0.00	83.48 2.05 0.00	86.86 2.00 0.00	50.06 1.12 0.00	39.70 1.06 0.00	37.65 1.12 0.00	36.17 1.16 0.00
DANSKAMMER___DIESEL 23592	39.53 0.88 0.00	33.15 0.76 0.00	31.58 0.62 0.00	33.09 0.57 0.00	31.22 0.60 0.00	35.60 0.75 0.00	32.76 0.84 0.00	39.27 1.05 0.00	34.18 0.82 0.00	30.80 0.76 0.00	30.22 0.88 0.00	28.45 0.82 0.00	29.83 0.90 0.00	30.84 1.01 -0.07	35.24 1.24 0.00	41.75 1.56 0.00	52.33 1.78 0.00	85.76 2.77 0.00	83.49 2.06 0.00	86.89 2.03 0.00	50.06 1.12 0.00	39.70 1.05 0.00	37.65 1.12 0.00	36.17 1.16 0.00
DARBY___SOLAR 323810	39.68 1.02 0.00	33.22 0.83 0.00	31.74 0.78 0.00	33.31 0.79 0.00	31.43 0.81 0.00	35.87 1.02 0.00	32.94 1.02 0.00	39.48 1.26 0.00	34.10 0.74 0.00	30.40 0.37 0.00	29.58 0.24 0.00	27.75 0.11 0.00	29.02 0.09 0.00	29.83 0.13 0.06	34.24 0.24 0.00	40.65 0.45 0.00	51.57 1.01 0.00	85.20 2.21 0.00	83.21 1.79 0.00	86.79 1.93 0.00	50.33 1.39 0.00	39.76 1.11 0.00	37.55 1.01 0.00	35.96 0.95 0.00
DASHVILLE___HYD 23610	39.19 0.53 0.00	32.87 0.48 0.00	31.33 0.37 0.00	32.83 0.31 0.00	30.98 0.35 0.00	35.31 0.47 0.00	32.49 0.56 0.00	38.94 0.72 0.00	33.89 0.53 0.00	30.55 0.51 0.00	29.96 0.62 0.00	28.19 0.56 0.00	29.56 0.63 0.00	30.56 0.75 -0.05	34.88 0.88 0.00	41.34 1.15 0.00	51.80 1.24 0.00	84.84 1.85 0.00	82.63 1.20 0.00	86.04 1.18 0.00	49.60 0.65 0.00	39.35 0.70 0.00	37.32 0.79 0.00	35.85 0.85 0.00
DELAWARE___LFGE 323621	39.06 0.40 0.00	32.77 0.38 0.00	31.30 0.34 0.00	32.86 0.34 0.00	30.96 0.33 0.00	35.27 0.43 0.00	32.36 0.44 0.00	38.73 0.51 0.00	33.75 0.38 0.00	30.38 0.35 0.00	29.71 0.37 0.00	27.99 0.35 0.00	29.33 0.39 0.00	30.21 0.43 -0.01	34.50 0.50 0.00	40.88 0.68 0.00	51.39 0.84 0.00	84.27 1.28 0.00	82.34 0.91 0.00	85.69 0.83 0.00	49.39 0.45 0.00	39.10 0.45 0.00	37.04 0.51 0.00	35.53 0.52 0.00
DERFIELD_115KV_TB7 355931	38.67 0.01 0.00	32.40 0.01 0.00	30.98 0.02 0.00	32.52 0.01 0.00	30.64 0.02 0.00	34.88 0.04 0.00	31.96 0.04 0.00	38.29 0.07 0.00	33.34 -0.02 0.00	29.97 -0.06 0.00	29.29 -0.05 0.00	27.57 -0.06 0.00	28.87 -0.06 0.00	29.70 -0.06 0.00	33.93 -0.07 0.00	40.15 -0.05 0.00	50.51 -0.05 0.00	82.98 -0.01 0.00	81.29 -0.13 0.00	84.68 -0.18 0.00	48.87 -0.07 0.00	38.63 -0.01 0.00	36.54 0.01 0.00	35.04 0.03 0.00
DOGLEVILLE___HYD 23807	40.57 1.92 0.00	33.98 1.58 0.00	32.39 1.44 0.00	34.02 1.51 0.00	32.11 1.49 0.00	36.61 1.76 0.00	33.68 1.75 0.00	40.35 2.13 0.00	34.38 1.01 0.00	30.28 0.25 0.00	29.43 0.09 0.00	27.67 0.03 0.00	28.96 0.03 0.00	29.84 0.08 0.00	34.12 0.13 0.00	40.48 0.28 0.00	51.31 0.75 0.00	85.79 2.80 0.00	85.16 3.73 0.00	88.90 4.04 0.00	51.41 2.47 0.00	40.68 2.04 0.00	38.40 1.87 0.00	36.78 1.77 0.00
DUNKIRK__115KV_TB_200 55889	38.38 -0.27 0.00	32.30 -0.09 0.00	30.72 -0.24 0.00	32.40 -0.12 0.00	30.27 -0.35 0.00	34.54 -0.30 0.00	31.20 -0.73 0.00	37.17 -1.05 0.00	33.07 -0.29 0.00	30.19 0.15 0.00	29.43 0.09 0.00	28.04 0.41 0.00	29.34 0.41 0.00	30.12 0.36 0.00	34.17 0.17 0.00	40.55 0.35 0.00	50.63 0.07 0.00	81.95 -1.04 0.00	81.98 0.56 0.00	85.12 0.26 0.00	48.79 -0.15 0.00	38.09 -0.56 0.00	36.20 -0.33 0.00	34.67 -0.34 0.00
DUNKIRK___1 23563	38.38 -0.27 0.00	32.30 -0.09 0.00	30.72 -0.24 0.00	32.40 -0.12 0.00	30.27 -0.35 0.00	34.54 -0.30 0.00	31.20 -0.73 0.00	37.17 -1.05 0.00	33.07 -0.29 0.00	30.19 0.15 0.00	29.43 0.09 0.00	28.04 0.41 0.00	29.34 0.41 0.00	30.12 0.36 0.00	34.17 0.17 0.00	40.55 0.35 0.00	50.63 0.07 0.00	81.95 -1.04 0.00	81.98 0.56 0.00	85.12 0.26 0.00	48.79 -0.15 0.00	38.09 -0.56 0.00	36.20 -0.33 0.00	34.67 -0.34 0.00
DUNKIRK___2 23564	38.38 -0.27 0.00	32.30 -0.09 0.00	30.72 -0.24 0.00	32.40 -0.12 0.00	30.27 -0.35 0.00	34.54 -0.30 0.00	31.20 -0.73 0.00	37.17 -1.05 0.00	33.07 -0.29 0.00	30.19 0.15 0.00	29.43 0.09 0.00	28.04 0.41 0.00	29.34 0.41 0.00	30.12 0.36 0.00	34.17 0.17 0.00	40.55 0.35 0.00	50.63 0.07 0.00	81.95 -1.04 0.00	81.98 0.56 0.00	85.12 0.26 0.00	48.79 -0.15 0.00	38.09 -0.56 0.00	36.20 -0.33 0.00	34.67 -0.34 0.00
DUNKIRK___3 23565	38.25 -0.41 0.00	32.22 -0.17 0.00	30.68 -0.28 0.00	32.34 -0.18 0.00	30.23 -0.39 0.00	34.45 -0.39 0.00	31.09 -0.83 0.00	37.02 -1.20 0.00	32.93 -0.44 0.00	30.06 0.02 0.00	29.32 -0.02 0.00	27.92 0.29 0.00	29.23 0.30 0.00	30.00 0.24 0.00	34.02 0.02 0.00	40.36 0.16 0.00	50.35 -0.21 0.00	81.54 -1.45 0.00	81.50 0.08 0.00	84.61 -0.25 0.00	48.48 -0.47 0.00	37.88 -0.77 0.00	36.00 -0.53 0.00	34.52 -0.48 0.00
DUNKIRK___4 23566	38.25 -0.41 0.00	32.22 -0.17 0.00	30.68 -0.28 0.00	32.34 -0.18 0.00	30.23 -0.39 0.00	34.45 -0.39 0.00	31.09 -0.83 0.00	37.02 -1.20 0.00	32.93 -0.44 0.00	30.06 0.02 0.00	29.32 -0.02 0.00	27.92 0.29 0.00	29.23 0.30 0.00	30.00 0.24 0.00	34.02 0.02 0.00	40.36 0.16 0.00	50.35 -0.21 0.00	81.54 -1.45 0.00	81.50 0.08 0.00	84.61 -0.25 0.00	48.48 -0.47 0.00	37.88 -0.77 0.00	36.00 -0.53 0.00	34.52 -0.48 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	39.46 0.80 0.00	33.15 0.76 0.00	31.54 0.59 0.00	33.04 0.53 0.00	31.18 0.56 0.00	35.56 0.71 0.00	32.74 0.82 0.00	39.24 1.02 0.00	34.19 0.83 0.00	30.86 0.82 0.00	30.34 1.00 0.00	28.58 0.95 0.00	30.00 1.08 0.00	31.05 1.20 -0.08	35.42 1.43 0.00	41.86 1.67 0.00	52.26 1.70 0.00	85.48 2.49 0.00	83.16 1.73 0.00	86.58 1.72 0.00	49.85 0.91 0.00	39.60 0.95 0.00	37.63 1.10 0.00	36.23 1.22 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	39.29 0.63 0.00	32.96 0.57 0.00	31.38 0.43 0.00	32.89 0.37 0.00	31.03 0.41 0.00	35.38 0.53 0.00	32.55 0.63 0.00	39.03 0.81 0.00	33.96 0.60 0.00	30.62 0.58 0.00	30.03 0.69 0.00	28.27 0.64 0.00	29.65 0.72 0.00	30.66 0.83 -0.07	35.01 1.01 0.00	41.47 1.27 0.00	51.97 1.42 0.00	85.17 2.18 0.00	82.95 1.52 0.00	86.35 1.48 0.00	49.71 0.77 0.00	39.45 0.80 0.00	37.43 0.90 0.00	35.98 0.97 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	39.57 0.92 0.00	33.34 0.94 0.00	31.70 0.74 0.00	33.20 0.68 0.00	31.33 0.71 0.00	35.73 0.88 0.00	32.93 1.00 -0.01	39.44 1.22 0.00	34.40 1.03 -0.01	30.99 0.94 -0.01	30.47 1.13 0.00	28.72 1.08 0.00	30.15 1.22 0.00	31.19 1.35 -0.08	35.60 1.60 0.00	41.99 1.80 0.00	52.39 1.83 0.00	85.77 2.77 0.00	83.44 2.02 0.00	86.82 1.96 0.00	49.96 1.02 0.00	39.71 1.06 0.00	37.82 1.29 0.00	36.37 1.36 0.00

E179THST_13_KV_LOAD 356214	39.74 1.08 0.00	33.46 1.06 0.00	31.81 0.86 0.00	33.31 0.79 0.00	31.43 0.80 0.00	35.85 1.00 0.00	33.03 1.11 -0.01	39.58 1.36 0.00	34.52 1.15 -0.01	31.11 1.07 -0.01	30.61 1.26 0.00	28.85 1.22 0.00	30.29 1.36 0.00	31.34 1.50 -0.08	35.77 1.77 0.00	42.21 2.01 0.00	52.64 2.08 0.00	86.20 3.21 0.00	83.87 2.44 0.00	87.28 2.42 0.00	50.20 1.25 0.00	39.91 1.26 0.00	38.00 1.47 0.00	36.54 1.53 0.00
EAST HAMPTON___GT 23717	35.09 -0.86 2.71	3.90 -0.51 27.98	24.90 -0.65 5.40	24.63 -0.73 7.16	25.05 -0.48 5.10	32.19 0.04 2.69	32.44 0.52 0.00	39.06 0.84 0.00	34.00 0.64 0.00	30.94 0.90 0.00	26.95 1.44 3.83	25.81 1.48 3.30	26.14 1.66 4.45	32.69 1.72 -1.20	39.55 1.81 -3.74	42.12 1.93 0.00	52.51 1.96 0.00	62.23 2.72 23.49	44.19 1.63 38.87	47.04 0.78 38.61	47.96 0.79 1.78	39.88 1.23 0.00	38.00 1.47 0.00	36.59 1.58 0.00
EAST RIVER___6 23660	39.59 0.94 0.00	33.29 0.90 0.00	31.66 0.70 0.00	33.16 0.65 0.00	31.30 0.68 0.00	35.68 0.83 0.00	32.89 0.97 0.00	39.42 1.20 0.00	34.38 1.02 0.00	31.07 1.04 0.00	30.58 1.23 0.00	28.81 1.18 0.00	30.26 1.33 0.00	31.31 1.47 -0.08	35.74 1.74 0.00	42.21 2.02 0.00	52.59 2.03 0.00	86.01 3.02 0.00	83.64 2.21 0.00	87.03 2.16 0.00	50.12 1.18 0.00	39.83 1.19 0.00	37.88 1.35 0.00	36.45 1.45 0.00
EAST RIVER___7 23524	39.59 0.94 0.00	33.29 0.90 0.00	31.66 0.70 0.00	33.16 0.65 0.00	31.30 0.68 0.00	35.68 0.83 0.00	32.89 0.97 0.00	39.42 1.20 0.00	34.38 1.02 0.00	31.07 1.04 0.00	30.58 1.23 0.00	28.81 1.18 0.00	30.26 1.33 0.00	31.31 1.47 -0.08	35.74 1.74 0.00	42.21 2.02 0.00	52.59 2.03 0.00	86.01 3.02 0.00	83.64 2.21 0.00	87.03 2.16 0.00	50.12 1.18 0.00	39.83 1.19 0.00	37.88 1.35 0.00	36.45 1.45 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	39.37 0.72 0.00	33.06 0.67 0.00	31.46 0.50 0.00	32.96 0.44 0.00	31.09 0.48 0.00	35.45 0.61 0.00	32.65 0.72 0.00	39.13 0.91 0.00	34.09 0.73 0.00	30.78 0.74 0.00	30.25 0.91 0.00	28.50 0.86 0.00	29.90 0.97 0.00	30.93 1.09 -0.08	35.29 1.30 0.00	41.72 1.53 0.00	52.12 1.56 0.00	85.29 2.30 0.00	82.97 1.54 0.00	86.38 1.52 0.00	49.75 0.80 0.00	39.51 0.86 0.00	37.54 1.01 0.00	36.13 1.12 0.00
EAST_HAMPTON___DIESEL 23722	34.97 -0.97 2.71	3.81 -0.60 27.98	24.82 -0.74 5.40	24.56 -0.80 7.16	24.99 -0.54 5.10	32.16 0.00 2.69	32.42 0.50 0.00	39.05 0.83 0.00	33.99 0.62 0.00	30.93 0.89 0.00	26.95 1.44 3.83	25.81 1.48 3.30	26.14 1.67 4.45	32.69 1.73 -1.20	39.54 1.81 -3.74	42.10 1.90 0.00	52.50 1.94 0.00	62.19 2.68 23.49	44.12 1.56 38.87	46.94 0.69 38.61	47.91 0.74 1.78	39.86 1.21 0.00	38.00 1.47 0.00	36.59 1.58 0.00
EAST_POINT___SOLAR 323840	39.48 0.82 0.00	33.07 0.68 0.00	31.56 0.61 0.00	33.14 0.62 0.00	31.22 0.60 0.00	35.60 0.76 0.00	32.70 0.78 0.00	39.08 0.86 0.00	33.05 -0.31 0.00	29.05 -0.99 0.00	28.32 -1.02 0.00	26.70 -0.93 0.00	28.03 -0.90 0.00	28.86 -0.87 0.03	33.05 -0.94 0.00	39.19 -1.01 0.00	49.85 -0.71 0.00	84.23 1.23 0.00	84.36 2.93 0.00	88.06 3.20 0.00	50.64 1.70 0.00	39.86 1.22 0.00	37.61 1.08 0.00	35.95 0.94 0.00
EAST_PULASKI___ESR 323781	38.52 -0.14 0.00	32.26 -0.13 0.00	30.83 -0.13 0.00	32.38 -0.13 0.00	30.44 -0.18 0.00	34.68 -0.17 0.00	31.76 -0.16 0.00	38.10 -0.12 0.00	33.22 -0.14 0.00	29.80 -0.23 0.00	28.96 -0.38 0.00	27.30 -0.34 0.00	28.53 -0.40 0.00	29.30 -0.46 0.00	33.40 -0.59 0.00	39.44 -0.75 0.00	49.82 -0.74 0.00	82.58 -0.41 0.00	81.73 0.30 0.00	85.16 0.30 0.00	48.97 0.03 0.00	38.58 -0.07 0.00	36.51 -0.03 0.00	34.97 -0.04 0.00
EAST_RIVER___1 323558	39.55 0.89 0.00	33.25 0.86 0.00	31.63 0.67 0.00	33.13 0.61 0.00	31.27 0.65 0.00	35.65 0.80 0.00	32.84 0.92 0.00	39.36 1.14 0.00	34.32 0.95 0.00	31.00 0.96 0.00	30.49 1.15 0.00	28.74 1.10 0.00	30.17 1.24 0.00	31.22 1.38 -0.08	35.63 1.64 0.00	42.09 1.90 0.00	52.47 1.91 0.00	85.84 2.85 0.00	83.50 2.07 0.00	86.88 2.02 0.00	50.00 1.06 0.00	39.74 1.09 0.00	37.80 1.27 0.00	36.39 1.38 0.00
EAST_RIVER___2 323559	39.59 0.94 0.00	33.29 0.90 0.00	31.66 0.70 0.00	33.16 0.65 0.00	31.30 0.68 0.00	35.68 0.83 0.00	32.89 0.97 0.00	39.42 1.20 0.00	34.38 1.02 0.00	31.07 1.04 0.00	30.58 1.23 0.00	28.81 1.18 0.00	30.26 1.33 0.00	31.31 1.47 -0.08	35.74 1.74 0.00	42.21 2.02 0.00	52.59 2.03 0.00	86.01 3.02 0.00	83.64 2.21 0.00	87.03 2.16 0.00	50.12 1.18 0.00	39.83 1.19 0.00	37.88 1.35 0.00	36.45 1.45 0.00
EAST___DELAWARE_HYD 23607	38.42 -0.24 0.00	32.21 -0.18 0.00	30.67 -0.28 0.00	32.14 -0.38 0.00	30.33 -0.29 0.00	34.59 -0.26 0.00	31.85 -0.07 0.00	38.19 -0.03 0.00	33.22 -0.14 0.00	29.86 -0.17 0.00	29.23 -0.11 0.00	27.47 -0.16 0.00	28.80 -0.13 0.00	29.76 -0.06 -0.06	34.01 0.01 0.00	40.41 0.21 0.00	50.77 0.22 0.00	83.45 0.45 0.00	81.46 0.03 0.00	84.80 -0.05 0.00	48.84 -0.11 0.00	38.72 0.08 0.00	36.72 0.19 0.00	35.26 0.25 0.00
EIGHT_POINT___WT_PWR 323820	38.59 -0.07 0.00	32.41 0.02 0.00	30.94 -0.02 0.00	32.62 0.10 0.00	30.54 -0.09 0.00	34.75 -0.10 0.00	31.46 -0.46 0.00	37.41 -0.81 0.00	32.84 -0.53 0.00	29.69 -0.35 0.00	28.93 -0.42 0.00	27.47 -0.17 0.00	28.73 -0.20 0.00	29.51 -0.25 0.00	33.57 -0.42 0.00	39.77 -0.43 0.00	49.97 -0.59 0.00	82.15 -0.84 0.00	82.52 1.09 0.00	85.85 0.99 0.00	49.03 0.08 0.00	38.18 -0.47 0.00	36.08 -0.45 0.00	34.31 -0.69 0.00
ELBRIDGE_115KV_TB2 80188	38.45 -0.21 0.00	32.23 -0.16 0.00	30.76 -0.20 0.00	32.34 -0.18 0.00	30.39 -0.23 0.00	34.59 -0.25 0.00	31.66 -0.26 0.00	37.88 -0.34 0.00	33.04 -0.32 0.00	29.67 -0.37 0.00	28.93 -0.42 0.00	27.31 -0.33 0.00	28.60 -0.32 0.00	29.44 -0.32 0.00	33.64 -0.36 0.00	39.77 -0.43 0.00	50.14 -0.42 0.00	82.52 -0.48 0.00	81.24 -0.19 0.00	84.47 -0.39 0.00	48.65 -0.29 0.00	38.38 -0.27 0.00	36.27 -0.26 0.00	34.74 -0.27 0.00
ELEC_TRO_TEK 24086	39.35 0.70 0.00	33.03 0.64 0.00	31.42 0.46 0.00	32.89 0.37 0.00	31.01 0.39 0.00	35.35 0.50 0.00	32.54 0.62 0.00	38.98 0.76 0.00	33.97 0.60 0.00	30.76 0.73 0.00	30.40 1.05 0.00	28.68 1.05 0.00	30.11 1.18 -0.01	51.57 1.25 -20.55	42.06 1.42 -6.64	41.75 1.55 0.00	51.97 1.41 0.00	80.57 1.84 4.26	75.45 1.03 7.01	79.62 1.03 6.27	49.28 0.62 0.29	39.50 0.85 0.00	37.52 0.99 0.00	36.17 1.16 0.00
ELLENBURG_WT_PWR 323604	38.94 0.28 0.00	32.51 0.11 0.00	30.99 0.03 0.00	32.65 0.14 0.00	30.81 0.18 0.00	35.28 0.44 0.00	32.49 0.57 0.00	38.90 0.68 0.00	34.33 0.96 0.00	31.05 1.01 0.00	30.31 0.97 0.00	28.56 0.93 0.00	29.83 0.90 0.00	30.67 0.91 0.00	35.09 1.10 0.00	41.62 1.43 0.00	52.69 2.13 0.00	86.88 3.89 0.00	85.21 3.79 0.00	89.12 4.26 0.00	51.31 2.36 0.00	40.31 1.66 0.00	37.89 1.36 0.00	35.96 0.96 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	38.16 -0.49 0.00	32.16 -0.23 0.00	30.69 -0.27 0.00	32.31 -0.21 0.00	30.20 -0.42 0.00	34.32 -0.52 0.00	30.88 -1.04 0.00	36.69 -1.53 0.00	32.73 -0.63 0.00	29.93 -0.10 0.00	29.24 -0.10 0.00	27.81 0.17 0.00	29.12 0.19 0.00	29.91 0.15 0.00	33.85 -0.14 0.00	40.04 -0.15 0.00	49.79 -0.77 0.00	80.77 -2.22 0.00	80.66 -0.76 0.00	83.82 -1.05 0.00	47.98 -0.96 0.00	37.55 -1.10 0.00	35.70 -0.84 0.00	34.31 -0.70 0.00
EMPIRE_CC_1 323656	38.98 0.32 0.00	32.63 0.24 0.00	31.19 0.24 0.00	32.71 0.20 0.00	30.89 0.27 0.00	35.18 0.33 0.00	32.35 0.42 0.00	38.78 0.55 0.00	33.59 0.23 0.00	30.14 0.10 0.00	29.51 0.16 0.00	27.70 0.07 0.00	28.99 0.06 0.00	29.74 0.06 0.09	34.08 0.08 0.00	40.24 0.04 0.00	50.61 0.05 0.00	82.94 -0.05 0.00	80.71 -0.72 0.00	84.32 -0.54 0.00	48.93 -0.01 0.00	38.77 0.13 0.00	36.64 0.11 0.00	35.24 0.23 0.00
EMPIRE_CC_2 323658	38.98 0.32 0.00	32.63 0.24 0.00	31.19 0.24 0.00	32.71 0.20 0.00	30.89 0.27 0.00	35.18 0.33 0.00	32.35 0.42 0.00	38.78 0.55 0.00	33.59 0.23 0.00	30.14 0.10 0.00	29.51 0.16 0.00	27.70 0.07 0.00	28.99 0.06 0.00	29.74 0.06 0.09	34.08 0.08 0.00	40.24 0.04 0.00	50.61 0.05 0.00	82.94 -0.05 0.00	80.71 -0.72 0.00	84.32 -0.54 0.00	48.93 -0.01 0.00	38.77 0.13 0.00	36.64 0.11 0.00	35.24 0.23 0.00
ENORWICH_115KV_TB1 80156	40.45 1.79 0.00	33.90 1.51 0.00	32.35 1.39 0.00	34.07 1.56 0.00	32.04 1.42 0.00	36.59 1.75 0.00	33.50 1.58 0.00	40.19 1.98 0.00	34.89 1.52 0.00	31.01 0.97 0.00	30.02 0.68 0.00	28.24 0.61 0.00	29.58 0.64 0.00	30.45 0.67 -0.01	34.78 0.79 0.00	41.46 1.27 0.00	52.64 2.09 0.00	87.49 4.49 0.00	86.91 5.49 0.00	90.52 5.66 0.00	51.99 3.05 0.00	40.88 2.23 0.00	38.58 2.05 0.00	36.88 1.87 0.00
ERIE_ST__34_KV_TB1-2 80199	38.24 -0.41 0.00	32.24 -0.14 0.00	30.74 -0.22 0.00	32.37 -0.15 0.00	30.27 -0.35 0.00	34.43 -0.41 0.00	31.03 -0.89 0.00	36.90 -1.32 0.00	32.88 -0.48 0.00	30.03 0.00 0.00	29.33 -0.01 0.00	27.88 0.24 0.00	29.20 0.27 0.00	30.00 0.24 0.00	33.95 -0.05 0.00	40.31 0.12 0.00	50.21 -0.34 0.00	81.52 -1.47 0.00	81.45 0.02 0.00	84.57 -0.29 0.00	48.37 -0.57 0.00	37.82 -0.82 0.00	35.91 -0.62 0.00	34.49 -0.52 0.00
ERIE_WT_PWR 323693	38.32 -0.33 0.00	32.29 -0.10 0.00	30.80 -0.15 0.00	32.44 -0.08 0.00	30.33 -0.29 0.00	34.47 -0.38 0.00	31.03 -0.89 0.00	36.88 -1.34 0.00	32.88 -0.49 0.00	30.03 0.00 0.00	29.34 0.00 0.00	27.90 0.27 0.00	29.20 0.27 0.00	30.01 0.25 0.00	33.95 -0.04 0.00	40.23 0.04 0.00	50.08 -0.47 0.00	81.32 -1.68 0.00	81.32 -0.11 0.00	84.44 -0.42 0.00	48.27 -0.68 0.00	37.81 -0.83 0.00	35.91 -0.62 0.00	34.50 -0.51 0.00
ESPRGFLD_115KV_TB1 80157	38.99 0.34 0.00	32.71 0.32 0.00	31.23 0.27 0.00	32.80 0.28 0.00	30.90 0.27 0.00	35.19 0.35 0.00	32.28 0.35 0.00	38.62 0.40 0.00	33.64 0.28 0.00	30.29 0.26 0.00	29.60 0.25 0.00	27.91 0.28 0.00	29.28 0.35 0.00	30.12 0.37 0.02	34.42 0.42 0.00	40.85 0.65 0.00	51.46 0.90 0.00	84.78 1.79 0.00	83.42 2.00 0.00	86.82 1.96 0.00	49.86 0.92 0.00	39.29 0.65 0.00	37.17 0.64 0.00	35.55 0.54 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	39.07 0.41 0.00	32.77 0.38 0.00	31.27 0.30 0.00	32.88 0.36 0.00	30.90 0.28 0.00	35.22 0.37 0.00	32.23 0.30 0.00	38.57 0.35 0.00	33.60 0.23 0.00	30.07 0.03 0.00	29.22 -0.12 0.00	27.55 -0.08 0.00	28.84 -0.09 0.00	29.68 -0.08 0.00	33.92 -0.07 0.00	40.21 0.01 0.00	50.79 0.23 0.00	83.85 0.86 0.00	82.98 1.56 0.00	86.42 1.56 0.00	49.73 0.79 0.00	39.16 0.52 0.00	37.01 0.48 0.00	35.42 0.42 0.00
ETNA____115KV_TB2 80207	39.07 0.41 0.00	32.77 0.38 0.00	31.27 0.30 0.00	32.88 0.36 0.00	30.90 0.28 0.00	35.22 0.37 0.00	32.23 0.30 0.00	38.57 0.35 0.00	33.60 0.23 0.00	30.07 0.03 0.00	29.22 -0.12 0.00	27.55 -0.08 0.00	28.84 -0.09 0.00	29.68 -0.08 0.00	33.92 -0.07 0.00	40.21 0.01 0.00	50.79 0.23 0.00	83.85 0.86 0.00	82.98 1.56 0.00	86.42 1.56 0.00	49.73 0.79 0.00	39.16 0.52 0.00	37.01 0.48 0.00	35.42 0.42 0.00
EUCLID__115KV_TB2 356179	38.29 -0.36 0.00	32.09 -0.31 0.00	30.65 -0.31 0.00	32.20 -0.31 0.00	30.28 -0.34 0.00	34.43 -0.42 0.00	31.50 -0.42 0.00	37.71 -0.51 0.00	32.92 -0.44 0.00	29.59 -0.45 0.00	28.90 -0.45 0.00	27.25 -0.39 0.00	28.53 -0.40 0.00	29.38 -0.38 0.00	33.54 -0.46 0.00	39.67 -0.52 0.00	49.93 -0.62 0.00	82.14 -0.85 0.00	80.78 -0.65 0.00	84.10 -0.76 0.00	48.40 -0.54 0.00	38.18 -0.47 0.00	36.09 -0.44 0.00	34.59 -0.42 0.00
E_CANADA_CAP_HY 24051	38.83 0.18 0.00	32.56 0.16 0.00	31.08 0.13 0.00	32.63 0.11 0.00	30.75 0.13 0.00	35.02 0.18 0.00	32.12 0.19 0.00	38.45 0.23 0.00	33.28 -0.09 0.00	29.78 -0.25 0.00	29.08 -0.26 0.00	27.42 -0.21 0.00	28.77 -0.16 0.00	29.58 -0.16 0.03	33.81 -0.18 0.00	40.07 -0.13 0.00	50.55 0.00 0.00	83.76 0.77 0.00	82.91 1.48 0.00	86.46 1.60 0.00	49.70 0.75 0.00	39.12 0.48 0.00	36.97 0.44 0.00	35.35 0.34 0.00
E_CANADA_MHWK_HY 24050	40.57 1.92 0.00	33.98 1.58 0.00	32.39 1.44 0.00	34.02 1.51 0.00	32.11 1.49 0.00	36.60 1.76 0.00	33.67 1.75 0.00	40.34 2.13 0.00	34.38 1.01 0.00	30.28 0.25 0.00	29.43 0.09 0.00	27.67 0.03 0.00	28.96 0.03 0.00	29.84 0.08 0.00	34.12 0.13 0.00	40.48 0.28 0.00	51.31 0.75 0.00	85.79 2.80 0.00	85.16 3.74 0.00	88.90 4.04 0.00	51.41 2.47 0.00	40.68 2.04 0.00	38.40 1.87 0.00	36.78 1.77 0.00
E_FISHKILL__LBMP 23776	39.15 0.49 0.00	32.83 0.44 0.00	31.30 0.33 0.00	32.79 0.27 0.00	30.95 0.32 0.00	35.28 0.43 0.00	32.46 0.54 0.00	38.90 0.68 0.00	33.84 0.48 0.00	30.52 0.48 0.00	29.96 0.62 0.00	28.21 0.57 0.00	29.58 0.65 0.00	30.57 0.73 -0.08	34.88 0.88 0.00	41.27 1.07 0.00	51.63 1.08 0.00	84.50 1.51 0.00	82.20 0.77 0.00	85.60 0.74 0.00	49.37 0.43 0.00	39.20 0.55 0.00	37.19 0.66 0.00	35.77 0.77 0.00
FALCON__SEABRD_CC1 323796	39.27 0.62 0.00	32.71 0.32 0.00	31.14 0.18 0.00	32.82 0.31 0.00	31.02 0.40 0.00	35.64 0.80 0.00	32.89 0.98 0.00	39.37 1.15 0.00	34.78 1.42 0.00	31.49 1.46 0.00	30.76 1.42 0.00	29.01 1.37 0.00	30.27 1.33 0.00	31.13 1.36 0.00	35.63 1.64 0.00	42.38 2.18 0.00	53.88 3.32 0.00	89.01 6.02 0.00	86.94 5.52 0.00	91.10 6.23 0.00	52.41 3.47 0.00	41.15 2.50 0.00	38.64 2.11 0.00	36.60 1.59 0.00
FALCON__SEABRD_CC2 323797	39.27 0.62 0.00	32.71 0.32 0.00	31.14 0.18 0.00	32.82 0.31 0.00	31.02 0.40 0.00	35.64 0.80 0.00	32.89 0.98 0.00	39.37 1.15 0.00	34.78 1.42 0.00	31.49 1.46 0.00	30.76 1.42 0.00	29.01 1.37 0.00	30.27 1.33 0.00	31.13 1.36 0.00	35.63 1.64 0.00	42.38 2.18 0.00	53.88 3.32 0.00	89.01 6.02 0.00	86.94 5.52 0.00	91.10 6.23 0.00	52.41 3.47 0.00	41.15 2.50 0.00	38.64 2.11 0.00	36.60 1.59 0.00

FAR ROCKAWAY___4 23548	39.79 1.14 0.00	33.39 1.00 0.00	31.75 0.79 0.00	33.24 0.72 0.00	31.34 0.72 0.00	35.71 0.86 0.00	32.88 0.96 0.00	39.35 1.14 0.00	34.31 0.94 0.00	31.08 1.05 0.00	30.75 1.41 0.00	29.04 1.41 0.00	30.51 1.57 0.00	50.26 1.67 -18.83	42.00 1.93 -6.08	42.38 2.18 0.00	52.80 2.24 0.00	86.49 3.15 -0.35	84.02 2.04 -0.55	87.06 2.15 -0.05	50.33 1.39 0.00	40.10 1.45 0.00	38.03 1.50 0.00	36.64 1.64 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	39.55 0.89 0.00	33.26 0.86 0.00	31.63 0.67 0.00	33.13 0.61 0.00	31.27 0.65 0.00	35.65 0.81 0.00	32.84 0.92 0.00	39.36 1.14 0.00	34.32 0.96 0.00	31.00 0.96 0.00	30.49 1.15 0.00	28.73 1.10 0.00	30.16 1.23 0.00	31.22 1.38 -0.08	35.63 1.63 0.00	42.07 1.87 0.00	52.46 1.90 0.00	85.83 2.84 0.00	83.50 2.07 0.00	86.89 2.03 0.00	50.00 1.06 0.00	39.73 1.08 0.00	37.80 1.27 0.00	36.38 1.37 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	39.55 0.90 0.00	33.26 0.87 0.00	31.64 0.68 0.00	33.14 0.62 0.00	31.27 0.65 0.00	35.66 0.81 0.00	32.86 0.94 0.00	39.37 1.15 0.00	34.33 0.97 0.00	31.00 0.97 0.00	30.49 1.15 0.00	28.73 1.10 0.00	30.17 1.23 0.00	31.22 1.38 -0.08	35.63 1.64 0.00	42.08 1.89 0.00	52.47 1.91 0.00	85.85 2.85 0.00	83.52 2.10 0.00	86.92 2.06 0.00	50.01 1.07 0.00	39.75 1.10 0.00	37.81 1.28 0.00	36.39 1.38 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	39.52 0.86 0.00	33.23 0.84 0.00	31.61 0.65 0.00	33.11 0.59 0.00	31.24 0.62 0.00	35.63 0.78 0.00	32.83 0.91 0.00	39.34 1.12 0.00	34.31 0.94 0.00	30.98 0.94 0.00	30.47 1.13 0.00	28.71 1.08 0.00	30.14 1.21 0.00	31.19 1.35 -0.08	35.60 1.60 0.00	42.04 1.85 0.00	52.42 1.86 0.00	85.75 2.76 0.00	83.43 2.00 0.00	86.82 1.96 0.00	49.96 1.02 0.00	39.71 1.06 0.00	37.77 1.23 0.00	36.35 1.35 0.00
FARRAGUT___LBMP 323566	39.50 0.84 0.00	33.21 0.82 0.00	31.59 0.64 0.00	33.09 0.58 0.00	31.23 0.61 0.00	35.60 0.76 0.00	32.80 0.88 0.00	39.31 1.09 0.00	34.28 0.92 0.00	30.96 0.92 0.00	30.45 1.11 0.00	28.69 1.05 0.00	30.12 1.19 0.00	31.17 1.32 -0.08	35.56 1.57 0.00	42.01 1.81 0.00	52.38 1.82 0.00	85.68 2.69 0.00	83.36 1.93 0.00	86.76 1.90 0.00	49.92 0.97 0.00	39.67 1.02 0.00	37.75 1.22 0.00	36.33 1.32 0.00
FENNER___WINDPWR 24204	39.44 0.78 0.00	33.02 0.63 0.00	31.57 0.61 0.00	33.18 0.66 0.00	31.21 0.59 0.00	35.54 0.70 0.00	32.56 0.64 0.00	39.07 0.85 0.00	33.97 0.61 0.00	30.37 0.34 0.00	29.58 0.24 0.00	27.85 0.22 0.00	29.16 0.23 0.00	30.00 0.24 0.00	34.27 0.28 0.00	40.63 0.44 0.00	51.34 0.78 0.00	85.05 2.06 0.00	83.92 2.49 0.00	87.38 2.52 0.00	50.21 1.27 0.00	39.54 0.89 0.00	37.34 0.81 0.00	35.72 0.71 0.00
FIBERTEK___ENERGY 23856	38.64 -0.01 0.00	32.38 -0.01 0.00	30.91 -0.05 0.00	32.50 -0.02 0.00	30.55 -0.07 0.00	34.76 -0.09 0.00	31.81 -0.11 0.00	38.08 -0.14 0.00	33.21 -0.16 0.00	29.81 -0.23 0.00	29.07 -0.27 0.00	27.43 -0.20 0.00	28.72 -0.21 0.00	29.57 -0.20 0.00	33.78 -0.22 0.00	39.99 -0.20 0.00	50.43 -0.12 0.00	83.06 0.07 0.00	81.71 0.29 0.00	85.03 0.17 0.00	48.93 -0.01 0.00	38.59 -0.05 0.00	36.47 -0.07 0.00	34.93 -0.08 0.00
FITZPATRICK___ 23598	37.75 -0.91 0.00	31.62 -0.77 0.00	30.22 -0.73 0.00	31.75 -0.76 0.00	29.85 -0.77 0.00	33.91 -0.93 0.00	31.05 -0.87 0.00	37.16 -1.06 0.00	32.45 -0.91 0.00	29.19 -0.85 0.00	28.50 -0.84 0.00	26.86 -0.77 0.00	28.13 -0.79 0.00	28.96 -0.81 0.00	33.06 -0.93 0.00	39.11 -1.09 0.00	49.19 -1.37 0.00	80.86 -2.14 0.00	79.44 -1.98 0.00	82.72 -2.14 0.00	47.66 -1.28 0.00	37.61 -1.04 0.00	35.56 -0.97 0.00	34.08 -0.92 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	39.60 0.95 0.00	33.21 0.81 0.00	31.63 0.67 0.00	33.15 0.63 0.00	31.27 0.65 0.00	35.65 0.80 0.00	32.81 0.89 0.00	39.34 1.12 0.00	34.23 0.87 0.00	30.85 0.82 0.00	30.28 0.94 0.00	28.49 0.85 0.00	29.88 0.95 0.00	30.89 1.06 -0.07	35.30 1.31 0.00	41.84 1.64 0.00	52.43 1.87 0.00	85.92 2.93 0.00	83.64 2.22 0.00	87.04 2.18 0.00	50.16 1.22 0.00	39.78 1.13 0.00	37.71 1.18 0.00	36.23 1.22 0.00
FORT ORANGE___ 23900	38.71 0.06 0.00	32.44 0.05 0.00	31.04 0.08 0.00	32.53 0.01 0.00	30.74 0.12 0.00	34.93 0.08 0.00	32.16 0.23 0.00	38.56 0.34 0.00	33.43 0.06 0.00	29.92 -0.11 0.00	29.26 -0.08 0.00	27.49 -0.15 0.00	28.76 -0.17 0.00	29.52 -0.20 0.04	33.73 -0.27 0.00	39.79 -0.41 0.00	50.00 -0.55 0.00	82.18 -0.81 0.00	80.23 -1.19 0.00	83.77 -1.09 0.00	48.52 -0.42 0.00	38.44 -0.20 0.00	36.32 -0.21 0.00	34.89 -0.12 0.00
FORT_DRUM_COGEN 23780	39.64 0.98 0.00	33.14 0.75 0.00	31.73 0.77 0.00	33.36 0.84 0.00	31.29 0.67 0.00	35.90 1.06 0.00	32.91 1.00 0.00	39.68 1.46 0.00	34.51 1.14 0.00	30.74 0.71 0.00	29.73 0.39 0.00	27.94 0.31 0.00	29.05 0.12 0.00	29.75 -0.01 0.00	33.76 -0.24 0.00	39.78 -0.42 0.00	50.76 0.20 0.00	85.85 2.85 0.00	86.18 4.76 0.00	89.80 4.94 0.00	51.28 2.34 0.00	40.15 1.51 0.00	38.12 1.59 0.00	36.51 1.50 0.00
FOX_HILLS___ESR 323835	39.54 0.88 0.00	33.25 0.86 0.00	31.59 0.63 0.00	33.08 0.56 0.00	31.21 0.59 0.00	35.61 0.76 0.00	32.80 0.87 -0.01	39.28 1.06 0.00	34.28 0.91 -0.01	30.96 0.91 -0.01	30.44 1.10 0.00	28.67 1.04 0.00	30.10 1.17 0.00	31.15 1.30 -0.08	35.53 1.54 0.00	41.91 1.72 0.00	52.20 1.64 0.00	85.65 2.65 0.00	83.40 1.97 0.00	86.79 1.93 0.00	49.86 0.92 0.00	39.70 1.06 0.00	37.77 1.24 0.00	36.43 1.42 0.00
FPL_FAR_ROCK_GT1 24212	39.80 1.14 0.00	33.39 1.00 0.00	31.75 0.79 0.00	33.24 0.72 0.00	31.34 0.72 0.00	35.71 0.86 0.00	32.88 0.96 0.00	39.36 1.14 0.00	34.30 0.94 0.00	31.08 1.05 0.00	30.75 1.41 0.00	29.04 1.41 0.00	30.51 1.57 0.00	50.26 1.67 -18.83	42.00 1.93 -6.08	42.38 2.18 0.00	52.80 2.24 0.00	86.49 3.15 -0.35	83.98 2.01 -0.55	87.01 2.10 -0.05	50.34 1.40 0.00	40.09 1.45 0.00	38.03 1.50 0.00	36.64 1.64 0.00
FPL_FAR_ROCK_GT2 23815	39.80 1.14 0.00	33.39 1.00 0.00	31.75 0.79 0.00	33.24 0.72 0.00	31.34 0.72 0.00	35.71 0.86 0.00	32.88 0.96 0.00	39.36 1.14 0.00	34.30 0.94 0.00	31.08 1.05 0.00	30.75 1.41 0.00	29.04 1.41 0.00	30.51 1.57 0.00	50.26 1.67 -18.83	42.00 1.93 -6.08	42.38 2.18 0.00	52.80 2.24 0.00	86.49 3.15 -0.35	83.98 2.01 -0.55	87.01 2.10 -0.05	50.34 1.40 0.00	40.09 1.45 0.00	38.03 1.50 0.00	36.64 1.64 0.00
FRANKLIN_FALL_HYD 24054	39.53 0.88 0.00	33.01 0.62 0.00	31.48 0.53 0.00	33.16 0.64 0.00	31.26 0.64 0.00	35.77 0.93 0.00	32.89 0.97 0.00	39.40 1.18 0.00	34.79 1.43 0.00	31.42 1.39 0.00	30.57 1.22 0.00	28.77 1.13 0.00	30.02 1.09 0.00	30.86 1.10 0.00	35.29 1.30 0.00	41.81 1.62 0.00	52.91 2.35 0.00	87.47 4.48 0.00	86.28 4.86 0.00	90.26 5.40 0.00	51.93 2.99 0.00	40.75 2.11 0.00	38.29 1.76 0.00	36.34 1.33 0.00

FREEPORT_EQUS_GT1 23764	39.46 0.81 0.00	33.11 0.72 0.00	31.47 0.52 0.00	32.93 0.42 0.00	31.06 0.44 0.00	35.38 0.54 0.00	32.58 0.65 0.00	39.00 0.78 0.00	33.99 0.63 0.00	30.79 0.76 0.00	30.45 1.11 0.00	28.74 1.11 0.00	30.19 1.26 0.00	46.76 1.34 -15.65	40.55 1.51 -5.05	41.83 1.64 0.00	51.97 1.42 0.00	68.70 1.68 15.97	56.20 0.83 26.06	65.52 1.05 20.39	48.76 0.72 0.91	39.57 0.93 0.00	37.60 1.06 0.00	36.24 1.24 0.00
FREEPORT___CT2 23818	39.46 0.81 0.00	33.11 0.72 0.00	31.47 0.52 0.00	32.93 0.42 0.00	31.06 0.44 0.00	35.38 0.54 0.00	32.58 0.65 0.00	39.00 0.78 0.00	33.99 0.63 0.00	30.79 0.76 0.00	30.45 1.11 0.00	28.74 1.11 0.00	30.19 1.26 0.00	46.76 1.34 -15.65	40.55 1.51 -5.05	41.83 1.64 0.00	51.97 1.42 0.00	68.70 1.68 15.97	56.20 0.83 26.06	65.52 1.05 20.39	48.76 0.72 0.91	39.57 0.93 0.00	37.60 1.06 0.00	36.24 1.24 0.00
FRESHKLS_33_KV_LOAD 356253	39.47 0.82 0.00	33.22 0.83 0.00	31.55 0.59 0.00	33.04 0.52 0.00	31.18 0.56 0.00	35.57 0.73 0.00	32.76 0.83 -0.01	39.21 0.99 0.00	34.23 0.86 -0.01	30.90 0.85 -0.01	30.37 1.03 0.00	28.60 0.97 0.00	30.01 1.09 0.00	31.07 1.23 -0.08	35.46 1.46 0.00	41.80 1.61 0.00	52.04 1.49 0.00	85.50 2.50 0.00	83.32 1.89 0.00	86.71 1.85 0.00	49.80 0.86 0.00	39.68 1.03 0.00	37.74 1.21 0.00	36.42 1.41 0.00
FULTON COGEN____ 23766	38.14 -0.51 0.00	31.95 -0.44 0.00	30.52 -0.43 0.00	32.06 -0.45 0.00	30.15 -0.47 0.00	34.26 -0.59 0.00	31.36 -0.56 0.00	37.56 -0.65 0.00	32.77 -0.59 0.00	29.45 -0.58 0.00	28.75 -0.60 0.00	27.08 -0.55 0.00	28.35 -0.57 0.00	29.18 -0.58 0.00	33.33 -0.67 0.00	39.43 -0.77 0.00	49.65 -0.91 0.00	81.74 -1.25 0.00	80.44 -0.99 0.00	83.75 -1.11 0.00	48.21 -0.73 0.00	38.03 -0.62 0.00	35.95 -0.58 0.00	34.47 -0.54 0.00
FULTON___LFGE 323630	39.43 0.77 0.00	33.02 0.63 0.00	31.52 0.57 0.00	33.07 0.56 0.00	31.18 0.56 0.00	35.53 0.69 0.00	32.62 0.70 0.00	39.09 0.87 0.00	33.49 0.13 0.00	29.61 -0.43 0.00	28.82 -0.52 0.00	27.12 -0.51 0.00	28.44 -0.49 0.00	29.25 -0.48 0.03	33.47 -0.52 0.00	39.68 -0.52 0.00	50.32 -0.23 0.00	84.21 1.22 0.00	83.79 2.37 0.00	87.46 2.60 0.00	50.36 1.41 0.00	39.69 1.04 0.00	37.47 0.94 0.00	35.83 0.82 0.00
G.F.CEMENT___DRP 24184	39.92 1.26 0.00	33.42 1.03 0.00	31.95 0.99 0.00	33.54 1.02 0.00	31.65 1.03 0.00	36.16 1.31 0.00	33.21 1.29 0.00	39.77 1.55 0.00	34.29 0.92 0.00	30.55 0.52 0.00	29.65 0.31 0.00	27.81 0.17 0.00	29.08 0.15 0.00	29.93 0.22 0.05	34.36 0.36 0.00	40.86 0.66 0.00	52.03 1.48 0.00	86.14 3.15 0.00	84.13 2.71 0.00	87.68 2.82 0.00	50.92 1.98 0.00	40.17 1.52 0.00	37.89 1.36 0.00	36.20 1.20 0.00
GARDENVILLE___LBMP 24039	38.20 -0.46 0.00	32.20 -0.19 0.00	30.72 -0.23 0.00	32.36 -0.16 0.00	30.27 -0.35 0.00	34.39 -0.45 0.00	30.97 -0.95 0.00	36.79 -1.43 0.00	32.75 -0.61 0.00	29.91 -0.13 0.00	29.20 -0.14 0.00	27.76 0.13 0.00	29.06 0.13 0.00	29.86 0.09 0.00	33.80 -0.19 0.00	40.02 -0.17 0.00	49.83 -0.73 0.00	80.99 -2.01 0.00	80.95 -0.47 0.00	84.10 -0.76 0.00	48.12 -0.82 0.00	37.66 -0.99 0.00	35.78 -0.75 0.00	34.38 -0.63 0.00
GARDNVLA_35_KV_LD 355827	38.44 -0.22 0.00	32.37 -0.02 0.00	30.89 -0.07 0.00	32.52 0.00 0.00	30.41 -0.21 0.00	34.56 -0.29 0.00	31.11 -0.81 0.00	36.99 -1.23 0.00	32.97 -0.40 0.00	30.14 0.11 0.00	29.44 0.10 0.00	27.99 0.36 0.00	29.32 0.39 0.00	30.14 0.37 0.00	34.11 0.11 0.00	40.45 0.26 0.00	50.34 -0.21 0.00	81.77 -1.23 0.00	81.68 0.26 0.00	84.84 -0.02 0.00	48.54 -0.41 0.00	37.96 -0.69 0.00	36.05 -0.48 0.00	34.61 -0.40 0.00
GELCKHM___115KV_LOAD 80723	38.42 -0.23 0.00	32.20 -0.19 0.00	30.75 -0.21 0.00	32.31 -0.21 0.00	30.38 -0.24 0.00	34.56 -0.29 0.00	31.62 -0.30 0.00	37.84 -0.37 0.00	33.03 -0.34 0.00	29.68 -0.36 0.00	28.96 -0.39 0.00	27.31 -0.32 0.00	28.61 -0.32 0.00	29.45 -0.32 0.00	33.63 -0.36 0.00	39.80 -0.40 0.00	50.13 -0.42 0.00	82.50 -0.49 0.00	81.13 -0.30 0.00	84.45 -0.41 0.00	48.61 -0.33 0.00	38.34 -0.31 0.00	36.24 -0.29 0.00	34.72 -0.29 0.00
GENERAL___MILLS 23808	38.29 -0.36 0.00	32.29 -0.11 0.00	30.80 -0.16 0.00	32.42 -0.10 0.00	30.33 -0.29 0.00	34.45 -0.39 0.00	31.02 -0.90 0.00	36.86 -1.36 0.00	32.86 -0.51 0.00	30.03 -0.01 0.00	29.32 -0.02 0.00	27.88 0.25 0.00	29.20 0.27 0.00	30.00 0.24 0.00	33.95 -0.05 0.00	40.22 0.02 0.00	50.06 -0.50 0.00	81.26 -1.73 0.00	81.20 -0.22 0.00	84.36 -0.50 0.00	48.27 -0.67 0.00	37.78 -0.87 0.00	35.89 -0.64 0.00	34.47 -0.53 0.00
GE_PLASTICS___DRP 24183	38.70 0.05 0.00	32.44 0.05 0.00	31.03 0.07 0.00	32.53 0.02 0.00	30.71 0.09 0.00	34.93 0.08 0.00	32.10 0.18 0.00	38.48 0.26 0.00	33.42 0.05 0.00	29.99 -0.04 0.00	29.35 0.01 0.00	27.58 -0.05 0.00	28.82 -0.11 0.00	29.54 -0.19 0.03	33.67 -0.32 0.00	39.67 -0.53 0.00	49.79 -0.77 0.00	81.56 -1.44 0.00	79.47 -1.95 0.00	82.92 -1.94 0.00	48.05 -0.89 0.00	38.14 -0.51 0.00	36.06 -0.47 0.00	34.64 -0.37 0.00
GILBOA___1 23756	38.89 0.23 0.00	32.63 0.24 0.00	31.25 0.29 0.00	32.79 0.27 0.00	30.91 0.29 0.00	35.20 0.35 0.00	32.22 0.29 0.00	38.60 0.38 0.00	33.59 0.22 0.00	30.22 0.19 0.00	29.58 0.24 0.00	27.84 0.21 0.00	29.17 0.24 0.00	30.05 0.27 -0.02	34.32 0.33 0.00	40.59 0.40 0.00	50.93 0.37 0.00	83.17 0.18 0.00	80.82 -0.61 0.00	84.21 -0.65 0.00	48.71 -0.24 0.00	38.75 0.11 0.00	36.75 0.21 0.00	35.30 0.29 0.00
GILBOA___2 23757	38.89 0.23 0.00	32.63 0.24 0.00	31.25 0.29 0.00	32.79 0.27 0.00	30.91 0.29 0.00	35.20 0.35 0.00	32.22 0.29 0.00	38.60 0.38 0.00	33.59 0.22 0.00	30.22 0.19 0.00	29.58 0.24 0.00	27.84 0.21 0.00	29.17 0.24 0.00	30.05 0.27 -0.02	34.32 0.33 0.00	40.59 0.40 0.00	50.93 0.37 0.00	83.17 0.18 0.00	80.82 -0.61 0.00	84.21 -0.65 0.00	48.71 -0.24 0.00	38.75 0.11 0.00	36.75 0.21 0.00	35.30 0.29 0.00
GILBOA___3 23758	38.89 0.23 0.00	32.63 0.24 0.00	31.25 0.29 0.00	32.79 0.27 0.00	30.91 0.29 0.00	35.20 0.35 0.00	32.22 0.29 0.00	38.60 0.38 0.00	33.59 0.22 0.00	30.22 0.19 0.00	29.58 0.24 0.00	27.84 0.21 0.00	29.17 0.24 0.00	30.05 0.27 -0.02	34.32 0.33 0.00	40.59 0.40 0.00	50.93 0.37 0.00	83.17 0.18 0.00	80.82 -0.61 0.00	84.21 -0.65 0.00	48.71 -0.24 0.00	38.75 0.11 0.00	36.75 0.21 0.00	35.30 0.29 0.00
GILBOA___4 23759	38.89 0.23 0.00	32.63 0.24 0.00	31.25 0.29 0.00	32.79 0.27 0.00	30.91 0.29 0.00	35.20 0.35 0.00	32.22 0.29 0.00	38.60 0.38 0.00	33.59 0.22 0.00	30.22 0.19 0.00	29.58 0.24 0.00	27.84 0.21 0.00	29.17 0.24 0.00	30.05 0.27 -0.02	34.32 0.33 0.00	40.59 0.40 0.00	50.93 0.37 0.00	83.17 0.18 0.00	80.82 -0.61 0.00	84.21 -0.65 0.00	48.71 -0.24 0.00	38.75 0.11 0.00	36.75 0.21 0.00	35.30 0.29 0.00

GILBOA____ 23599	38.89 0.23 0.00	32.63 0.24 0.00	31.25 0.29 0.00	32.79 0.27 0.00	30.91 0.29 0.00	35.20 0.35 0.00	32.22 0.29 0.00	38.60 0.38 0.00	33.59 0.22 0.00	30.22 0.19 0.00	29.59 0.24 0.00	27.84 0.21 0.00	29.17 0.24 0.00	30.05 0.27 -0.02	34.32 0.33 0.00	40.59 0.40 0.00	50.93 0.37 0.00	83.17 0.18 0.00	80.83 -0.59 0.00	84.21 -0.65 0.00	48.71 -0.24 0.00	38.75 0.11 0.00	36.75 0.21 0.00	35.30 0.29 0.00
GINNA____ 23603	36.86 -1.80 0.00	30.92 -1.48 0.00	29.51 -1.44 0.00	31.01 -1.51 0.00	29.11 -1.52 0.00	33.09 -1.76 0.00	30.15 -1.77 0.00	36.02 -2.21 0.00	31.66 -1.71 0.00	28.58 -1.45 0.00	27.90 -1.45 0.00	26.39 -1.25 0.00	27.67 -1.26 0.00	28.50 -1.26 0.00	32.49 -1.50 0.00	38.38 -1.81 0.00	48.25 -2.31 0.00	79.36 -3.63 0.00	78.39 -3.04 0.00	81.53 -3.33 0.00	46.75 -2.19 0.00	36.70 -1.94 0.00	34.69 -1.84 0.00	33.23 -1.78 0.00
GLEN PARK____ 23778	39.82 1.16 0.00	33.28 0.89 0.00	31.87 0.91 0.00	33.50 0.98 0.00	31.41 0.79 0.00	36.05 1.21 0.00	33.04 1.12 0.00	39.85 1.63 0.00	34.64 1.27 0.00	30.83 0.80 0.00	29.78 0.44 0.00	27.98 0.35 0.00	29.07 0.14 0.00	29.76 0.00 0.00	33.75 -0.25 0.00	39.74 -0.46 0.00	50.75 0.19 0.00	86.02 3.03 0.00	86.57 5.15 0.00	90.31 5.44 0.00	51.58 2.64 0.00	40.38 1.73 0.00	38.31 1.78 0.00	36.67 1.66 0.00
GLENDALE_27_KV_LOAD 356172	39.71 1.05 0.00	33.44 1.05 0.00	31.81 0.85 0.00	33.31 0.79 0.00	31.43 0.80 0.00	35.84 0.99 0.00	33.03 1.10 -0.01	39.56 1.34 0.00	34.52 1.15 -0.01	31.20 1.15 -0.01	30.69 1.34 0.00	28.91 1.28 0.00	30.38 1.45 0.00	31.43 1.59 -0.08	35.86 1.87 0.00	42.30 2.10 0.00	52.68 2.12 0.00	86.20 3.21 0.00	83.87 2.45 0.00	87.28 2.42 0.00	50.21 1.26 0.00	39.92 1.28 0.00	37.99 1.46 0.00	36.57 1.56 0.00
GLENWOOD_IC_1_G5 23712	39.56 0.90 0.00	33.20 0.81 0.00	31.59 0.63 0.00	33.07 0.56 0.00	31.19 0.57 0.00	35.56 0.71 0.00	32.75 0.83 0.00	39.23 1.01 0.00	34.19 0.82 0.00	30.94 0.90 0.00	30.51 1.17 0.00	28.77 1.14 0.00	30.22 1.29 -0.01	51.30 1.40 -20.14	42.12 1.62 -6.50	42.01 1.81 0.00	52.05 1.49 0.00	76.82 2.02 8.19	69.16 1.21 13.47	73.97 1.17 12.06	49.09 0.69 0.55	39.73 1.09 0.00	37.74 1.21 0.00	36.36 1.35 0.00
GLENWOOD_IC_2_G1 23688	39.45 0.79 0.00	33.13 0.74 0.00	31.51 0.55 0.00	33.00 0.48 0.00	31.13 0.51 0.00	35.49 0.64 0.00	32.68 0.76 0.00	39.15 0.93 0.00	34.11 0.75 0.00	30.84 0.81 0.00	30.39 1.04 0.00	28.64 1.01 0.00	30.07 1.14 0.00	31.95 1.25 -0.94	35.73 1.46 -0.28	41.85 1.66 0.00	52.17 1.62 0.00	85.28 2.28 0.00	82.90 1.48 0.00	86.33 1.47 0.00	49.77 0.83 0.00	39.60 0.95 0.00	37.62 1.09 0.00	36.23 1.23 0.00
GLENWOOD_IC_3_G1 23689	39.45 0.79 0.00	33.13 0.74 0.00	31.51 0.55 0.00	33.00 0.48 0.00	31.13 0.51 0.00	35.49 0.64 0.00	32.68 0.76 0.00	39.15 0.93 0.00	34.11 0.75 0.00	30.84 0.81 0.00	30.39 1.04 0.00	28.64 1.01 0.00	30.07 1.14 0.00	31.95 1.25 -0.94	35.73 1.46 -0.28	41.85 1.66 0.00	52.17 1.62 0.00	85.28 2.28 0.00	82.90 1.48 0.00	86.33 1.47 0.00	49.77 0.83 0.00	39.60 0.95 0.00	37.62 1.09 0.00	36.23 1.23 0.00
GLENWOOD____4 23550	39.56 0.90 0.00	33.20 0.81 0.00	31.59 0.63 0.00	33.07 0.56 0.00	31.19 0.57 0.00	35.56 0.71 0.00	32.75 0.83 0.00	39.23 1.01 0.00	34.19 0.82 0.00	30.94 0.90 0.00	30.51 1.17 0.00	28.77 1.14 0.00	30.22 1.29 -0.01	51.30 1.40 -20.14	42.12 1.62 -6.50	42.02 1.82 0.00	52.17 1.61 0.00	77.03 2.23 8.19	69.37 1.42 13.47	74.21 1.41 12.06	49.20 0.81 0.55	39.73 1.09 0.00	37.74 1.21 0.00	36.36 1.35 0.00
GLENWOOD____5 23614	39.56 0.90 0.00	33.20 0.81 0.00	31.59 0.63 0.00	33.07 0.56 0.00	31.19 0.57 0.00	35.56 0.71 0.00	32.75 0.83 0.00	39.23 1.01 0.00	34.19 0.82 0.00	30.94 0.90 0.00	30.51 1.17 0.00	28.77 1.14 0.00	30.22 1.29 -0.01	51.30 1.40 -20.14	42.12 1.62 -6.50	42.02 1.82 0.00	52.17 1.61 0.00	77.03 2.23 8.19	69.37 1.42 13.47	74.21 1.41 12.06	49.20 0.81 0.55	39.73 1.09 0.00	37.74 1.21 0.00	36.36 1.35 0.00
GLOBAL GREEN_PORT_GT1 23814	35.49 -0.45 2.71	4.23 -0.19 27.97	25.21 -0.35 5.40	24.93 -0.43 7.16	25.28 -0.24 5.10	32.33 0.17 2.69	32.48 0.56 0.00	39.08 0.86 0.00	34.03 0.66 0.00	30.92 0.88 0.00	26.89 1.39 3.83	25.75 1.42 3.30	26.08 1.60 4.45	32.64 1.68 -1.21	39.53 1.79 -3.74	42.12 1.92 0.00	52.51 1.95 0.00	62.28 2.78 23.49	44.34 1.78 38.87	47.31 1.06 38.61	48.06 0.89 1.78	39.87 1.23 0.00	37.98 1.45 0.00	36.57 1.56 0.00
GLOBE____DSASP 323697	37.66 -1.00 0.00	31.76 -0.63 0.00	30.33 -0.63 0.00	31.91 -0.61 0.00	29.84 -0.79 0.00	33.84 -1.01 0.00	30.25 -1.67 0.00	35.81 -2.41 0.00	32.06 -1.31 0.00	29.38 -0.66 0.00	28.71 -0.63 0.00	27.29 -0.34 0.00	28.57 -0.36 0.00	29.36 -0.40 0.00	33.17 -0.82 0.00	39.09 -1.11 0.00	48.43 -2.12 0.00	78.44 -4.56 0.00	78.31 -3.12 0.00	81.52 -3.34 0.00	46.69 -2.25 0.00	36.57 -2.07 0.00	34.82 -1.72 0.00	33.52 -1.49 0.00
GOETHSLN____LBMP 323567	39.26 0.60 0.00	33.03 0.64 0.00	31.41 0.46 0.00	32.89 0.37 0.00	31.05 0.43 0.00	35.40 0.55 0.00	32.62 0.69 0.00	39.08 0.86 0.00	34.08 0.72 0.00	30.78 0.74 0.00	30.28 0.93 0.00	28.52 0.89 0.00	29.93 1.01 0.00	30.99 1.14 -0.08	35.36 1.36 0.00	41.76 1.56 0.00	52.10 1.55 0.00	85.27 2.28 0.00	82.95 1.53 0.00	86.34 1.48 0.00	49.66 0.72 0.00	39.46 0.81 0.00	37.55 1.02 0.00	36.13 1.12 0.00
GOLAH____69_KV_TB 1_2 80279	38.87 0.21 0.00	32.62 0.23 0.00	31.18 0.22 0.00	32.77 0.25 0.00	30.81 0.19 0.00	34.95 0.10 0.00	31.81 -0.11 0.00	37.77 -0.44 0.00	33.30 -0.07 0.00	30.10 0.07 0.00	29.37 0.03 0.00	27.84 0.20 0.00	29.20 0.27 0.00	30.02 0.26 0.00	34.26 0.27 0.00	40.43 0.23 0.00	50.57 0.01 0.00	83.04 0.04 0.00	82.51 1.09 0.00	85.81 0.95 0.00	49.16 0.22 0.00	38.56 -0.08 0.00	36.50 -0.03 0.00	35.01 0.00 0.00
GOODYEAR_LAKE_HYD 323669	39.24 0.59 0.00	32.91 0.51 0.00	31.42 0.46 0.00	33.00 0.48 0.00	31.08 0.46 0.00	35.42 0.58 0.00	32.49 0.57 0.00	38.89 0.67 0.00	33.90 0.53 0.00	30.51 0.48 0.00	29.83 0.48 0.00	28.10 0.46 0.00	29.47 0.54 0.00	30.33 0.56 0.00	34.65 0.66 0.00	41.11 0.91 0.00	51.76 1.20 0.00	85.06 2.07 0.00	83.28 1.85 0.00	86.63 1.77 0.00	49.84 0.90 0.00	39.39 0.75 0.00	37.29 0.76 0.00	35.72 0.71 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	38.59 -0.06 0.00	32.42 0.03 0.00	30.95 -0.01 0.00	32.57 0.05 0.00	30.59 -0.03 0.00	34.89 0.05 0.00	31.88 -0.05 0.00	38.14 -0.08 0.00	33.31 -0.06 0.00	30.01 -0.02 0.00	29.27 -0.07 0.00	27.68 0.04 0.00	28.98 0.04 0.00	29.80 0.03 -0.01	34.04 0.05 0.00	40.35 0.15 0.00	50.75 0.19 0.00	83.02 0.03 0.00	81.77 0.35 0.00	84.99 0.13 0.00	48.95 0.01 0.00	38.57 -0.08 0.00	36.53 0.00 0.00	35.00 -0.01 0.00

GOUDEY___7 23579	38.59 -0.06 0.00	32.42 0.03 0.00	30.95 -0.01 0.00	32.57 0.05 0.00	30.59 -0.03 0.00	34.89 0.05 0.00	31.88 -0.05 0.00	38.14 -0.08 0.00	33.31 -0.06 0.00	30.01 -0.02 0.00	29.27 -0.07 0.00	27.68 0.04 0.00	28.98 0.04 0.00	29.80 0.03 -0.01	34.04 0.05 0.00	40.35 0.15 0.00	50.75 0.19 0.00	83.02 0.03 0.00	81.77 0.35 0.00	84.99 0.13 0.00	48.95 0.01 0.00	38.57 -0.08 0.00	36.53 0.00 0.00	35.00 -0.01 0.00
GOUDEY___8 23580	38.59 -0.06 0.00	32.42 0.03 0.00	30.95 -0.01 0.00	32.57 0.05 0.00	30.59 -0.03 0.00	34.89 0.05 0.00	31.88 -0.05 0.00	38.14 -0.08 0.00	33.31 -0.06 0.00	30.01 -0.02 0.00	29.27 -0.07 0.00	27.68 0.04 0.00	28.98 0.04 0.00	29.80 0.03 -0.01	34.04 0.05 0.00	40.35 0.15 0.00	50.75 0.19 0.00	83.02 0.03 0.00	81.77 0.35 0.00	84.99 0.13 0.00	48.95 0.01 0.00	38.57 -0.08 0.00	36.53 0.00 0.00	35.00 -0.01 0.00
GOWANUS_GT1_1 24077	39.64 0.98 0.00	33.32 0.92 0.00	31.67 0.71 0.00	33.17 0.65 0.00	31.30 0.68 0.00	35.71 0.86 0.00	32.89 0.97 -0.01	39.39 1.17 0.00	34.38 1.01 -0.01	31.05 1.01 -0.01	30.55 1.20 0.00	28.78 1.14 0.00	30.22 1.29 0.00	31.26 1.42 -0.08	35.67 1.67 0.00	42.08 1.88 0.00	52.43 1.88 0.00	85.93 2.94 0.00	83.64 2.21 0.00	87.05 2.19 0.00	50.01 1.07 0.00	39.79 1.15 0.00	37.86 1.33 0.00	36.49 1.48 0.00
GOWANUS_GT1_2 24078	39.64 0.98 0.00	33.32 0.92 0.00	31.67 0.71 0.00	33.17 0.65 0.00	31.30 0.68 0.00	35.71 0.86 0.00	32.89 0.97 -0.01	39.39 1.17 0.00	34.38 1.01 -0.01	31.05 1.01 -0.01	30.55 1.20 0.00	28.78 1.14 0.00	30.22 1.29 0.00	31.26 1.42 -0.08	35.67 1.67 0.00	42.08 1.88 0.00	52.43 1.88 0.00	85.93 2.94 0.00	83.64 2.21 0.00	87.05 2.19 0.00	50.01 1.07 0.00	39.79 1.15 0.00	37.86 1.33 0.00	36.49 1.48 0.00
GOWANUS_GT1_3 24079	39.64 0.98 0.00	33.32 0.92 0.00	31.67 0.71 0.00	33.17 0.65 0.00	31.30 0.68 0.00	35.71 0.86 0.00	32.89 0.97 -0.01	39.39 1.17 0.00	34.38 1.01 -0.01	31.05 1.01 -0.01	30.55 1.20 0.00	28.78 1.14 0.00	30.22 1.29 0.00	31.26 1.42 -0.08	35.67 1.67 0.00	42.08 1.88 0.00	52.43 1.88 0.00	85.93 2.94 0.00	83.64 2.21 0.00	87.05 2.19 0.00	50.01 1.07 0.00	39.79 1.15 0.00	37.86 1.33 0.00	36.49 1.48 0.00
GOWANUS_GT1_4 24080	39.64 0.98 0.00	33.32 0.92 0.00	31.67 0.71 0.00	33.17 0.65 0.00	31.30 0.68 0.00	35.71 0.86 0.00	32.89 0.97 -0.01	39.39 1.17 0.00	34.38 1.01 -0.01	31.05 1.01 -0.01	30.55 1.20 0.00	28.78 1.14 0.00	30.22 1.29 0.00	31.26 1.42 -0.08	35.67 1.67 0.00	42.08 1.88 0.00	52.43 1.88 0.00	85.93 2.94 0.00	83.64 2.21 0.00	87.05 2.19 0.00	50.01 1.07 0.00	39.79 1.15 0.00	37.86 1.33 0.00	36.49 1.48 0.00
GOWANUS_GT1_5 24084	39.64 0.98 0.00	33.32 0.92 0.00	31.67 0.71 0.00	33.17 0.65 0.00	31.30 0.68 0.00	35.71 0.86 0.00	32.89 0.97 -0.01	39.39 1.17 0.00	34.38 1.01 -0.01	31.05 1.01 -0.01	30.55 1.20 0.00	28.78 1.14 0.00	30.22 1.29 0.00	31.26 1.42 -0.08	35.67 1.67 0.00	42.08 1.88 0.00	52.43 1.88 0.00	85.93 2.94 0.00	83.64 2.21 0.00	87.05 2.19 0.00	50.01 1.07 0.00	39.79 1.15 0.00	37.86 1.33 0.00	36.49 1.48 0.00
GOWANUS_GT1_6 24111	39.64 0.98 0.00	33.32 0.92 0.00	31.67 0.71 0.00	33.17 0.65 0.00	31.30 0.68 0.00	35.71 0.86 0.00	32.89 0.97 -0.01	39.39 1.17 0.00	34.38 1.01 -0.01	31.05 1.01 -0.01	30.55 1.20 0.00	28.78 1.14 0.00	30.22 1.29 0.00	31.26 1.42 -0.08	35.67 1.67 0.00	42.08 1.88 0.00	52.43 1.88 0.00	85.93 2.94 0.00	83.64 2.21 0.00	87.05 2.19 0.00	50.01 1.07 0.00	39.79 1.15 0.00	37.86 1.33 0.00	36.49 1.48 0.00
GOWANUS_GT1_7 24112	39.64 0.98 0.00	33.32 0.92 0.00	31.67 0.71 0.00	33.17 0.65 0.00	31.30 0.68 0.00	35.71 0.86 0.00	32.89 0.97 -0.01	39.39 1.17 0.00	34.38 1.01 -0.01	31.05 1.01 -0.01	30.55 1.20 0.00	28.78 1.14 0.00	30.22 1.29 0.00	31.26 1.42 -0.08	35.67 1.67 0.00	42.08 1.88 0.00	52.43 1.88 0.00	85.93 2.94 0.00	83.64 2.21 0.00	87.05 2.19 0.00	50.01 1.07 0.00	39.79 1.15 0.00	37.86 1.33 0.00	36.49 1.48 0.00
GOWANUS_GT1_8 24113	39.64 0.98 0.00	33.32 0.92 0.00	31.67 0.71 0.00	33.17 0.65 0.00	31.30 0.68 0.00	35.71 0.86 0.00	32.89 0.97 -0.01	39.39 1.17 0.00	34.38 1.01 -0.01	31.05 1.01 -0.01	30.55 1.20 0.00	28.78 1.14 0.00	30.22 1.29 0.00	31.26 1.42 -0.08	35.67 1.67 0.00	42.08 1.88 0.00	52.43 1.88 0.00	85.93 2.94 0.00	83.64 2.21 0.00	87.05 2.19 0.00	50.01 1.07 0.00	39.79 1.15 0.00	37.86 1.33 0.00	36.49 1.48 0.00
GOWANUS_GT2_1 24114	39.64 0.99 0.00	33.32 0.93 0.00	31.67 0.71 0.00	33.17 0.65 0.00	31.30 0.68 0.00	35.70 0.86 0.00	32.89 0.97 -0.01	39.39 1.17 0.00	34.38 1.01 -0.01	31.05 1.01 -0.01	30.55 1.20 0.00	28.78 1.14 0.00	30.22 1.29 0.00	31.26 1.42 -0.08	35.67 1.67 0.00	42.08 1.88 0.00	52.43 1.88 0.00	85.94 2.95 0.00	83.62 2.19 0.00	87.01 2.15 0.00	50.02 1.08 0.00	39.79 1.15 0.00	37.86 1.33 0.00	36.49 1.48 0.00
GOWANUS_GT2_2 24115	39.64 0.99 0.00	33.32 0.93 0.00	31.67 0.71 0.00	33.17 0.65 0.00	31.30 0.68 0.00	35.70 0.86 0.00	32.89 0.97 -0.01	39.39 1.17 0.00	34.38 1.01 -0.01	31.05 1.01 -0.01	30.55 1.20 0.00	28.78 1.14 0.00	30.22 1.29 0.00	31.26 1.42 -0.08	35.67 1.67 0.00	42.08 1.88 0.00	52.43 1.88 0.00	85.94 2.95 0.00	83.62 2.19 0.00	87.01 2.15 0.00	50.02 1.08 0.00	39.79 1.15 0.00	37.86 1.33 0.00	36.49 1.48 0.00
GOWANUS_GT2_3 24116	39.64 0.99 0.00	33.32 0.93 0.00	31.67 0.71 0.00	33.17 0.65 0.00	31.30 0.68 0.00	35.70 0.86 0.00	32.89 0.97 -0.01	39.39 1.17 0.00	34.38 1.01 -0.01	31.05 1.01 -0.01	30.55 1.20 0.00	28.78 1.14 0.00	30.22 1.29 0.00	31.26 1.42 -0.08	35.67 1.67 0.00	42.08 1.88 0.00	52.43 1.88 0.00	85.94 2.95 0.00	83.62 2.19 0.00	87.01 2.15 0.00	50.02 1.08 0.00	39.79 1.15 0.00	37.86 1.33 0.00	36.49 1.48 0.00
GOWANUS_GT2_4 24117	39.64 0.99 0.00	33.32 0.93 0.00	31.67 0.71 0.00	33.17 0.65 0.00	31.30 0.68 0.00	35.70 0.86 0.00	32.89 0.97 -0.01	39.39 1.17 0.00	34.38 1.01 -0.01	31.05 1.01 -0.01	30.55 1.20 0.00	28.78 1.14 0.00	30.22 1.29 0.00	31.26 1.42 -0.08	35.67 1.67 0.00	42.08 1.88 0.00	52.43 1.88 0.00	85.94 2.95 0.00	83.62 2.19 0.00	87.01 2.15 0.00	50.02 1.08 0.00	39.79 1.15 0.00	37.86 1.33 0.00	36.49 1.48 0.00
GOWANUS_GT2_5 24118	39.64 0.99 0.00	33.32 0.93 0.00	31.67 0.71 0.00	33.17 0.65 0.00	31.30 0.68 0.00	35.70 0.86 0.00	32.89 0.97 -0.01	39.39 1.17 0.00	34.38 1.01 -0.01	31.05 1.01 -0.01	30.55 1.20 0.00	28.78 1.14 0.00	30.22 1.29 0.00	31.26 1.42 -0.08	35.67 1.67 0.00	42.08 1.88 0.00	52.43 1.88 0.00	85.94 2.95 0.00	83.62 2.19 0.00	87.01 2.15 0.00	50.02 1.08 0.00	39.79 1.15 0.00	37.86 1.33 0.00	36.49 1.48 0.00

GOWANUS_GT2_6 24119	39.64 0.99 0.00	33.32 0.93 0.00	31.67 0.71 0.00	33.17 0.65 0.00	31.30 0.68 0.00	35.70 0.86 0.00	32.89 0.97 -0.01	39.39 1.17 0.00	34.38 1.01 -0.01	31.05 1.01 -0.01	30.55 1.20 0.00	28.78 1.14 0.00	30.22 1.29 0.00	31.26 1.42 -0.08	35.67 1.67 0.00	42.08 1.88 0.00	52.43 1.88 0.00	85.94 2.95 0.00	83.62 2.19 0.00	87.01 2.15 0.00	50.02 1.08 0.00	39.79 1.15 0.00	37.86 1.33 0.00	36.49 1.48 0.00
GOWANUS_GT2_7 24120	39.64 0.99 0.00	33.32 0.93 0.00	31.67 0.71 0.00	33.17 0.65 0.00	31.30 0.68 0.00	35.70 0.86 0.00	32.89 0.97 -0.01	39.39 1.17 0.00	34.38 1.01 -0.01	31.05 1.01 -0.01	30.55 1.20 0.00	28.78 1.14 0.00	30.22 1.29 0.00	31.26 1.42 -0.08	35.67 1.67 0.00	42.08 1.88 0.00	52.43 1.88 0.00	85.94 2.95 0.00	83.62 2.19 0.00	87.01 2.15 0.00	50.02 1.08 0.00	39.79 1.15 0.00	37.86 1.33 0.00	36.49 1.48 0.00
GOWANUS_GT2_8 24121	39.64 0.99 0.00	33.32 0.93 0.00	31.67 0.71 0.00	33.17 0.65 0.00	31.30 0.68 0.00	35.70 0.86 0.00	32.89 0.97 -0.01	39.39 1.17 0.00	34.38 1.01 -0.01	31.05 1.01 -0.01	30.55 1.20 0.00	28.78 1.14 0.00	30.22 1.29 0.00	31.26 1.42 -0.08	35.67 1.67 0.00	42.08 1.88 0.00	52.43 1.88 0.00	85.94 2.95 0.00	83.62 2.19 0.00	87.01 2.15 0.00	50.02 1.08 0.00	39.79 1.15 0.00	37.86 1.33 0.00	36.49 1.48 0.00
GOWANUS_GT3_1 24122	39.64 0.98 0.00	33.32 0.92 0.00	31.67 0.71 0.00	33.17 0.65 0.00	31.30 0.68 0.00	35.70 0.86 0.00	32.89 0.97 -0.01	39.39 1.17 0.00	34.38 1.01 -0.01	31.05 1.01 -0.01	30.55 1.20 0.00	28.78 1.14 0.00	30.22 1.29 0.00	31.26 1.42 -0.08	35.67 1.67 0.00	42.08 1.88 0.00	52.43 1.88 0.00	85.94 2.95 0.00	83.62 2.19 0.00	87.01 2.15 0.00	50.02 1.08 0.00	39.79 1.15 0.00	37.86 1.33 0.00	36.49 1.48 0.00
GOWANUS_GT3_2 24123	39.64 0.98 0.00	33.32 0.92 0.00	31.67 0.71 0.00	33.17 0.65 0.00	31.30 0.68 0.00	35.70 0.86 0.00	32.89 0.97 -0.01	39.39 1.17 0.00	34.38 1.01 -0.01	31.05 1.01 -0.01	30.55 1.20 0.00	28.78 1.14 0.00	30.22 1.29 0.00	31.26 1.42 -0.08	35.67 1.67 0.00	42.08 1.88 0.00	52.43 1.88 0.00	85.94 2.95 0.00	83.62 2.19 0.00	87.01 2.15 0.00	50.02 1.08 0.00	39.79 1.15 0.00	37.86 1.33 0.00	36.49 1.48 0.00
GOWANUS_GT3_3 24124	39.64 0.98 0.00	33.32 0.92 0.00	31.67 0.71 0.00	33.17 0.65 0.00	31.30 0.68 0.00	35.70 0.86 0.00	32.89 0.97 -0.01	39.39 1.17 0.00	34.38 1.01 -0.01	31.05 1.01 -0.01	30.55 1.20 0.00	28.78 1.14 0.00	30.22 1.29 0.00	31.26 1.42 -0.08	35.67 1.67 0.00	42.08 1.88 0.00	52.43 1.88 0.00	85.94 2.95 0.00	83.62 2.19 0.00	87.01 2.15 0.00	50.02 1.08 0.00	39.79 1.15 0.00	37.86 1.33 0.00	36.49 1.48 0.00
GOWANUS_GT3_4 24125	39.64 0.98 0.00	33.32 0.92 0.00	31.67 0.71 0.00	33.17 0.65 0.00	31.30 0.68 0.00	35.70 0.86 0.00	32.89 0.97 -0.01	39.39 1.17 0.00	34.38 1.01 -0.01	31.05 1.01 -0.01	30.55 1.20 0.00	28.78 1.14 0.00	30.22 1.29 0.00	31.26 1.42 -0.08	35.67 1.67 0.00	42.08 1.88 0.00	52.43 1.88 0.00	85.94 2.95 0.00	83.62 2.19 0.00	87.01 2.15 0.00	50.02 1.08 0.00	39.79 1.15 0.00	37.86 1.33 0.00	36.49 1.48 0.00
GOWANUS_GT3_5 24126	39.64 0.98 0.00	33.32 0.92 0.00	31.67 0.71 0.00	33.17 0.65 0.00	31.30 0.68 0.00	35.70 0.86 0.00	32.89 0.97 -0.01	39.39 1.17 0.00	34.38 1.01 -0.01	31.05 1.01 -0.01	30.55 1.20 0.00	28.78 1.14 0.00	30.22 1.29 0.00	31.26 1.42 -0.08	35.67 1.67 0.00	42.08 1.88 0.00	52.43 1.88 0.00	85.94 2.95 0.00	83.62 2.19 0.00	87.01 2.15 0.00	50.02 1.08 0.00	39.79 1.15 0.00	37.86 1.33 0.00	36.49 1.48 0.00
GOWANUS_GT3_6 24127	39.64 0.98 0.00	33.32 0.92 0.00	31.67 0.71 0.00	33.17 0.65 0.00	31.30 0.68 0.00	35.70 0.86 0.00	32.89 0.97 -0.01	39.39 1.17 0.00	34.38 1.01 -0.01	31.05 1.01 -0.01	30.55 1.20 0.00	28.78 1.14 0.00	30.22 1.29 0.00	31.26 1.42 -0.08	35.67 1.67 0.00	42.08 1.88 0.00	52.43 1.88 0.00	85.94 2.95 0.00	83.62 2.19 0.00	87.01 2.15 0.00	50.02 1.08 0.00	39.79 1.15 0.00	37.86 1.33 0.00	36.49 1.48 0.00
GOWANUS_GT3_7 24128	39.64 0.98 0.00	33.32 0.92 0.00	31.67 0.71 0.00	33.17 0.65 0.00	31.30 0.68 0.00	35.70 0.86 0.00	32.89 0.97 -0.01	39.39 1.17 0.00	34.38 1.01 -0.01	31.05 1.01 -0.01	30.55 1.20 0.00	28.78 1.14 0.00	30.22 1.29 0.00	31.26 1.42 -0.08	35.67 1.67 0.00	42.08 1.88 0.00	52.43 1.88 0.00	85.94 2.95 0.00	83.62 2.19 0.00	87.01 2.15 0.00	50.02 1.08 0.00	39.79 1.15 0.00	37.86 1.33 0.00	36.49 1.48 0.00
GOWANUS_GT3_8 24129	39.64 0.98 0.00	33.32 0.92 0.00	31.67 0.71 0.00	33.17 0.65 0.00	31.30 0.68 0.00	35.70 0.86 0.00	32.89 0.97 -0.01	39.39 1.17 0.00	34.38 1.01 -0.01	31.05 1.01 -0.01	30.55 1.20 0.00	28.78 1.14 0.00	30.22 1.29 0.00	31.26 1.42 -0.08	35.67 1.67 0.00	42.08 1.88 0.00	52.43 1.88 0.00	85.94 2.95 0.00	83.62 2.19 0.00	87.01 2.15 0.00	50.02 1.08 0.00	39.79 1.15 0.00	37.86 1.33 0.00	36.49 1.48 0.00
GOWANUS_GT4_1 24130	39.64 0.98 0.00	33.32 0.93 0.00	31.67 0.71 0.00	33.17 0.65 0.00	31.30 0.68 0.00	35.71 0.86 0.00	32.89 0.97 -0.01	39.39 1.17 0.00	34.38 1.01 -0.01	31.05 1.01 -0.01	30.55 1.20 0.00	28.78 1.14 0.00	30.22 1.29 0.00	31.26 1.42 -0.08	35.67 1.67 0.00	42.08 1.88 0.00	52.43 1.88 0.00	85.93 2.94 0.00	83.64 2.21 0.00	87.05 2.19 0.00	50.01 1.07 0.00	39.79 1.15 0.00	37.86 1.33 0.00	36.49 1.48 0.00
GOWANUS_GT4_2 24131	39.64 0.98 0.00	33.32 0.93 0.00	31.67 0.71 0.00	33.17 0.65 0.00	31.30 0.68 0.00	35.71 0.86 0.00	32.89 0.97 -0.01	39.39 1.17 0.00	34.38 1.01 -0.01	31.05 1.01 -0.01	30.55 1.20 0.00	28.78 1.14 0.00	30.22 1.29 0.00	31.26 1.42 -0.08	35.67 1.67 0.00	42.08 1.88 0.00	52.43 1.88 0.00	85.93 2.94 0.00	83.64 2.21 0.00	87.05 2.19 0.00	50.01 1.07 0.00	39.79 1.15 0.00	37.86 1.33 0.00	36.49 1.48 0.00
GOWANUS_GT4_3 24132	39.64 0.98 0.00	33.32 0.93 0.00	31.67 0.71 0.00	33.17 0.65 0.00	31.30 0.68 0.00	35.71 0.86 0.00	32.89 0.97 -0.01	39.39 1.17 0.00	34.38 1.01 -0.01	31.05 1.01 -0.01	30.55 1.20 0.00	28.78 1.14 0.00	30.22 1.29 0.00	31.26 1.42 -0.08	35.67 1.67 0.00	42.08 1.88 0.00	52.43 1.88 0.00	85.93 2.94 0.00	83.64 2.21 0.00	87.05 2.19 0.00	50.01 1.07 0.00	39.79 1.15 0.00	37.86 1.33 0.00	36.49 1.48 0.00
GOWANUS_GT4_4 24133	39.64 0.98 0.00	33.32 0.93 0.00	31.67 0.71 0.00	33.17 0.65 0.00	31.30 0.68 0.00	35.71 0.86 0.00	32.89 0.97 -0.01	39.39 1.17 0.00	34.38 1.01 -0.01	31.05 1.01 -0.01	30.55 1.20 0.00	28.78 1.14 0.00	30.22 1.29 0.00	31.26 1.42 -0.08	35.67 1.67 0.00	42.08 1.88 0.00	52.43 1.88 0.00	85.93 2.94 0.00	83.64 2.21 0.00	87.05 2.19 0.00	50.01 1.07 0.00	39.79 1.15 0.00	37.86 1.33 0.00	36.49 1.48 0.00

GOWANUS_GT4_5 24134	39.64 0.98 0.00	33.32 0.93 0.00	31.67 0.71 0.00	33.17 0.65 0.00	31.30 0.68 0.00	35.71 0.86 0.00	32.89 0.97 -0.01	39.39 1.17 0.00	34.38 1.01 -0.01	31.05 1.01 -0.01	30.55 1.20 0.00	28.78 1.14 0.00	30.22 1.29 0.00	31.26 1.42 -0.08	35.67 1.67 0.00	42.08 1.88 0.00	52.43 1.88 0.00	85.93 2.94 0.00	83.64 2.21 0.00	87.05 2.19 0.00	50.01 1.07 0.00	39.79 1.15 0.00	37.86 1.33 0.00	36.49 1.48 0.00
GOWANUS_GT4_6 24135	39.64 0.98 0.00	33.32 0.93 0.00	31.67 0.71 0.00	33.17 0.65 0.00	31.30 0.68 0.00	35.71 0.86 0.00	32.89 0.97 -0.01	39.39 1.17 0.00	34.38 1.01 -0.01	31.05 1.01 -0.01	30.55 1.20 0.00	28.78 1.14 0.00	30.22 1.29 0.00	31.26 1.42 -0.08	35.67 1.67 0.00	42.08 1.88 0.00	52.43 1.88 0.00	85.93 2.94 0.00	83.64 2.21 0.00	87.05 2.19 0.00	50.01 1.07 0.00	39.79 1.15 0.00	37.86 1.33 0.00	36.49 1.48 0.00
GOWANUS_GT4_7 24136	39.64 0.98 0.00	33.32 0.93 0.00	31.67 0.71 0.00	33.17 0.65 0.00	31.30 0.68 0.00	35.71 0.86 0.00	32.89 0.97 -0.01	39.39 1.17 0.00	34.38 1.01 -0.01	31.05 1.01 -0.01	30.55 1.20 0.00	28.78 1.14 0.00	30.22 1.29 0.00	31.26 1.42 -0.08	35.67 1.67 0.00	42.08 1.88 0.00	52.43 1.88 0.00	85.93 2.94 0.00	83.64 2.21 0.00	87.05 2.19 0.00	50.01 1.07 0.00	39.79 1.15 0.00	37.86 1.33 0.00	36.49 1.48 0.00
GOWANUS_GT4_8 24137	39.64 0.98 0.00	33.32 0.93 0.00	31.67 0.71 0.00	33.17 0.65 0.00	31.30 0.68 0.00	35.71 0.86 0.00	32.89 0.97 -0.01	39.39 1.17 0.00	34.38 1.01 -0.01	31.05 1.01 -0.01	30.55 1.20 0.00	28.78 1.14 0.00	30.22 1.29 0.00	31.26 1.42 -0.08	35.67 1.67 0.00	42.08 1.88 0.00	52.43 1.88 0.00	85.93 2.94 0.00	83.64 2.21 0.00	87.05 2.19 0.00	50.01 1.07 0.00	39.79 1.15 0.00	37.86 1.33 0.00	36.49 1.48 0.00
GREATVR_69_KV_BK1 356245	38.32 0.90 1.23	20.54 0.87 12.73	29.15 0.65 2.46	29.82 0.55 3.26	28.86 0.56 2.32	34.26 0.64 1.23	32.58 0.65 0.00	39.02 0.81 0.00	33.99 0.62 0.00	30.80 0.76 0.00	28.88 1.28 1.75	27.43 1.30 1.50	28.38 1.48 2.02	38.60 1.56 -7.28	39.52 1.65 -3.87	41.93 1.73 0.00	52.20 1.65 0.00	62.62 2.15 22.53	45.19 1.04 37.28	48.75 0.91 37.03	47.97 0.73 1.70	39.69 1.04 0.00	37.77 1.24 0.00	36.42 1.41 0.00
GREENBSH_115KV_TB3 55895	38.52 -0.14 0.00	32.28 -0.11 0.00	30.89 -0.07 0.00	32.37 -0.14 0.00	30.59 -0.03 0.00	34.75 -0.10 0.00	32.00 0.07 0.00	38.36 0.14 0.00	33.29 -0.08 0.00	29.85 -0.18 0.00	29.21 -0.14 0.00	27.45 -0.18 0.00	28.72 -0.21 0.00	29.49 -0.23 0.05	33.69 -0.30 0.00	39.75 -0.45 0.00	49.94 -0.61 0.00	81.92 -1.07 0.00	79.82 -1.61 0.00	83.30 -1.56 0.00	48.25 -0.69 0.00	38.25 -0.40 0.00	36.15 -0.38 0.00	34.73 -0.27 0.00
GREENDGE_115KV_TB5 80291	38.58 -0.08 0.00	32.54 0.15 0.00	31.05 0.09 0.00	32.70 0.18 0.00	30.69 0.07 0.00	34.96 0.12 0.00	31.87 -0.05 0.00	37.83 -0.39 0.00	33.24 -0.12 0.00	29.91 -0.12 0.00	29.05 -0.29 0.00	27.49 -0.15 0.00	28.77 -0.16 0.00	29.59 -0.18 0.00	33.75 -0.25 0.00	39.78 -0.41 0.00	50.09 -0.47 0.00	82.48 -0.52 0.00	82.14 0.72 0.00	85.36 0.50 0.00	49.09 0.15 0.00	38.46 -0.18 0.00	36.51 -0.02 0.00	34.99 -0.02 0.00
GREENIDGE___3 23582	38.58 -0.08 0.00	32.54 0.15 0.00	31.05 0.09 0.00	32.70 0.18 0.00	30.69 0.07 0.00	34.96 0.12 0.00	31.87 -0.05 0.00	37.83 -0.39 0.00	33.24 -0.12 0.00	29.91 -0.12 0.00	29.05 -0.29 0.00	27.49 -0.15 0.00	28.77 -0.16 0.00	29.59 -0.18 0.00	33.75 -0.25 0.00	39.78 -0.41 0.00	50.09 -0.47 0.00	82.48 -0.52 0.00	82.14 0.72 0.00	85.36 0.50 0.00	49.09 0.15 0.00	38.46 -0.18 0.00	36.51 -0.02 0.00	34.99 -0.02 0.00
GREENIDGE___4 23583	38.57 -0.08 0.00	32.54 0.15 0.00	31.05 0.10 0.00	32.70 0.18 0.00	30.69 0.07 0.00	34.96 0.11 0.00	31.87 -0.05 0.00	37.83 -0.39 0.00	33.26 -0.10 0.00	29.91 -0.12 0.00	29.05 -0.29 0.00	27.49 -0.14 0.00	28.77 -0.16 0.00	29.59 -0.18 0.00	33.75 -0.25 0.00	39.78 -0.41 0.00	50.09 -0.47 0.00	82.47 -0.52 0.00	82.16 0.74 0.00	85.38 0.52 0.00	49.09 0.15 0.00	38.47 -0.18 0.00	36.50 -0.03 0.00	34.99 -0.02 0.00
GREENLWN_69_KV_BK 3 55738	39.34 0.33 -0.35	36.31 0.27 -3.65	31.74 0.08 -0.70	33.41 -0.04 -0.93	31.29 0.00 -0.66	35.31 0.11 -0.35	32.21 0.28 0.00	38.56 0.35 0.00	33.61 0.24 0.00	30.48 0.45 0.00	30.62 0.78 -0.50	28.85 0.79 -0.43	30.44 0.92 -0.58	44.07 1.02 -13.30	39.05 1.21 -3.84	41.30 1.10 0.00	51.27 0.71 0.00	60.80 0.63 22.82	43.48 -0.17 37.77	47.03 -0.31 37.52	47.08 -0.13 1.73	38.98 0.33 0.00	37.14 0.61 0.00	35.89 0.89 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	39.64 0.98 0.00	33.32 0.93 0.00	31.67 0.71 0.00	33.17 0.65 0.00	31.30 0.68 0.00	35.71 0.86 0.00	32.89 0.97 -0.01	39.39 1.17 0.00	34.38 1.01 -0.01	31.05 1.01 -0.01	30.55 1.20 0.00	28.78 1.14 0.00	30.22 1.29 0.00	31.26 1.42 -0.08	35.67 1.67 0.00	42.08 1.88 0.00	52.43 1.88 0.00	85.93 2.94 0.00	83.64 2.21 0.00	87.05 2.19 0.00	50.01 1.07 0.00	39.79 1.15 0.00	37.86 1.33 0.00	36.49 1.48 0.00
GRISSOM___SOLAR 323813	39.52 0.86 0.00	33.11 0.71 0.00	31.60 0.64 0.00	33.16 0.64 0.00	31.26 0.64 0.00	35.62 0.77 0.00	32.69 0.77 0.00	39.18 0.96 0.00	33.51 0.14 0.00	29.52 -0.51 0.00	28.72 -0.63 0.00	27.02 -0.62 0.00	28.33 -0.60 0.00	29.13 -0.59 0.03	33.34 -0.66 0.00	39.52 -0.68 0.00	50.17 -0.39 0.00	84.17 1.18 0.00	83.77 2.35 0.00	87.46 2.60 0.00	50.40 1.46 0.00	39.75 1.10 0.00	37.53 1.00 0.00	35.90 0.89 0.00
GROVEVILLE___HYD 323602	39.60 0.95 0.00	33.21 0.81 0.00	31.63 0.67 0.00	33.15 0.63 0.00	31.27 0.65 0.00	35.65 0.80 0.00	32.81 0.89 0.00	39.34 1.12 0.00	34.23 0.87 0.00	30.85 0.82 0.00	30.28 0.94 0.00	28.49 0.85 0.00	29.88 0.95 0.00	30.89 1.06 -0.07	35.30 1.31 0.00	41.84 1.64 0.00	52.43 1.87 0.00	85.92 2.93 0.00	83.64 2.22 0.00	87.04 2.18 0.00	50.16 1.22 0.00	39.78 1.13 0.00	37.71 1.18 0.00	36.23 1.22 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	38.64 -0.01 0.00	32.38 -0.01 0.00	30.91 -0.05 0.00	32.50 -0.02 0.00	30.55 -0.07 0.00	34.76 -0.09 0.00	31.81 -0.11 0.00	38.08 -0.14 0.00	33.21 -0.16 0.00	29.81 -0.23 0.00	29.07 -0.27 0.00	27.43 -0.20 0.00	28.72 -0.21 0.00	29.57 -0.20 0.00	33.78 -0.22 0.00	39.99 -0.20 0.00	50.43 -0.12 0.00	83.06 0.07 0.00	81.71 0.29 0.00	85.03 0.17 0.00	48.93 -0.01 0.00	38.59 -0.05 0.00	36.47 -0.07 0.00	34.93 -0.08 0.00
HAMLTNNY_34_KV_TB 80303	38.71 0.05 0.00	32.45 0.06 0.00	30.96 0.00 0.00	32.54 0.03 0.00	30.58 -0.04 0.00	34.80 -0.04 0.00	31.84 -0.09 0.00	38.09 -0.13 0.00	33.24 -0.12 0.00	29.82 -0.21 0.00	29.05 -0.29 0.00	27.43 -0.20 0.00	28.73 -0.20 0.00	29.58 -0.18 0.00	33.80 -0.19 0.00	39.97 -0.22 0.00	50.42 -0.14 0.00	83.12 0.12 0.00	81.94 0.52 0.00	85.23 0.37 0.00	49.06 0.12 0.00	38.65 0.01 0.00	36.51 -0.02 0.00	34.96 -0.05 0.00

HAMPSHIRE___PAPER_HYD 323593	39.49 0.84 0.00	33.03 0.64 0.00	31.61 0.65 0.00	33.24 0.72 0.00	31.24 0.63 0.00	35.74 0.89 0.00	32.75 0.83 0.00	39.34 1.12 0.00	34.39 1.02 0.00	30.84 0.80 0.00	29.94 0.60 0.00	28.15 0.52 0.00	29.37 0.44 0.00	30.13 0.37 0.00	34.31 0.32 0.00	40.49 0.29 0.00	51.35 0.79 0.00	85.57 2.57 0.00	85.07 3.65 0.00	88.76 3.90 0.00	50.89 1.95 0.00	39.97 1.33 0.00	37.80 1.27 0.00	36.14 1.13 0.00
HARDSCRABBLE_WT_PWR 323673	40.17 1.52 0.00	33.66 1.26 0.00	32.11 1.15 0.00	33.71 1.20 0.00	31.82 1.20 0.00	36.26 1.41 0.00	33.33 1.41 0.00	39.93 1.71 0.00	34.18 0.81 0.00	30.24 0.21 0.00	29.44 0.10 0.00	27.68 0.05 0.00	28.98 0.05 0.00	29.85 0.09 0.00	34.11 0.12 0.00	40.44 0.24 0.00	51.18 0.63 0.00	85.28 2.29 0.00	84.41 2.98 0.00	88.07 3.20 0.00	50.92 1.97 0.00	40.29 1.64 0.00	38.04 1.51 0.00	36.43 1.43 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	39.40 0.74 0.00	33.04 0.65 0.00	31.45 0.49 0.00	32.95 0.43 0.00	31.10 0.48 0.00	35.47 0.62 0.00	32.64 0.71 0.00	39.12 0.90 0.00	34.05 0.68 0.00	30.70 0.67 0.00	30.14 0.80 0.00	28.40 0.77 0.00	29.80 0.87 0.00	30.83 0.99 -0.07	35.22 1.23 0.00	41.73 1.53 0.00	52.28 1.73 0.00	85.67 2.68 0.00	83.40 1.98 0.00	86.74 1.88 0.00	49.90 0.95 0.00	39.59 0.95 0.00	37.57 1.04 0.00	36.12 1.11 0.00
HARSNRAD_115KV_TB1 81005	38.01 -0.64 0.00	32.05 -0.33 0.00	30.59 -0.37 0.00	32.19 -0.32 0.00	30.12 -0.50 0.00	34.18 -0.67 0.00	30.70 -1.22 0.00	36.36 -1.86 0.00	32.48 -0.89 0.00	29.72 -0.32 0.00	29.05 -0.29 0.00	27.59 -0.04 0.00	28.90 -0.03 0.00	29.70 -0.06 0.00	33.58 -0.41 0.00	39.65 -0.55 0.00	49.22 -1.34 0.00	79.96 -3.04 0.00	79.97 -1.45 0.00	83.06 -1.80 0.00	47.55 -1.39 0.00	37.28 -1.36 0.00	35.47 -1.06 0.00	34.19 -0.81 0.00
HARZA MOOSE___RIVER 24016	39.35 0.70 0.00	32.92 0.53 0.00	31.51 0.55 0.00	33.12 0.60 0.00	31.14 0.52 0.00	35.60 0.75 0.00	32.65 0.73 0.00	39.27 1.05 0.00	34.15 0.78 0.00	30.53 0.49 0.00	29.68 0.34 0.00	27.91 0.28 0.00	29.16 0.23 0.00	29.93 0.17 0.00	34.10 0.11 0.00	40.34 0.15 0.00	51.22 0.66 0.00	85.37 2.38 0.00	84.54 3.12 0.00	87.97 3.11 0.00	50.39 1.45 0.00	39.59 0.95 0.00	37.54 1.01 0.00	35.95 0.95 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	38.42 -0.23 0.00	32.20 -0.19 0.00	30.75 -0.21 0.00	32.31 -0.21 0.00	30.38 -0.24 0.00	34.54 -0.30 0.00	31.61 -0.31 0.00	37.84 -0.38 0.00	33.03 -0.34 0.00	29.68 -0.35 0.00	28.99 -0.36 0.00	27.34 -0.30 0.00	28.63 -0.30 0.00	29.48 -0.29 0.00	33.67 -0.33 0.00	39.82 -0.37 0.00	50.14 -0.42 0.00	82.48 -0.51 0.00	81.13 -0.30 0.00	84.45 -0.41 0.00	48.59 -0.35 0.00	38.32 -0.33 0.00	36.21 -0.32 0.00	34.70 -0.31 0.00
HELLGATE_13_KV_LD 55870	39.78 1.12 0.00	33.53 1.13 0.00	31.88 0.93 0.00	33.38 0.86 0.00	31.49 0.87 0.00	35.92 1.07 0.00	33.09 1.17 -0.01	39.65 1.43 0.00	34.60 1.23 -0.01	31.26 1.22 -0.01	30.75 1.41 0.00	28.99 1.35 0.00	30.45 1.51 0.00	31.51 1.67 -0.08	35.95 1.96 0.00	42.40 2.20 0.00	52.80 2.24 0.00	86.39 3.40 0.00	84.04 2.62 0.00	87.45 2.59 0.00	50.29 1.35 0.00	40.00 1.35 0.00	38.07 1.54 0.00	36.66 1.65 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	39.78 1.12 0.00	33.53 1.13 0.00	31.88 0.93 0.00	33.38 0.86 0.00	31.49 0.87 0.00	35.92 1.07 0.00	33.09 1.17 -0.01	39.65 1.43 0.00	34.60 1.23 -0.01	31.26 1.22 -0.01	30.75 1.41 0.00	28.99 1.35 0.00	30.45 1.51 0.00	31.51 1.67 -0.08	35.95 1.96 0.00	42.40 2.20 0.00	52.80 2.24 0.00	86.39 3.40 0.00	84.04 2.62 0.00	87.45 2.59 0.00	50.29 1.35 0.00	40.00 1.35 0.00	38.07 1.54 0.00	36.66 1.65 0.00
HEMPSTEAD____ 23647	39.27 0.62 0.00	32.96 0.57 0.00	31.35 0.39 0.00	32.80 0.28 0.00	30.94 0.31 0.00	35.25 0.40 0.00	32.46 0.54 0.00	38.89 0.67 0.00	33.88 0.52 0.00	30.68 0.65 0.00	30.32 0.98 0.00	28.60 0.97 0.00	30.04 1.11 -17.38	48.35 1.21 -5.61	40.96 1.36 0.00	41.66 1.46 0.00	51.79 1.23 0.00	71.80 1.52 12.71	61.22 0.67 20.88	67.23 0.68 18.31	48.57 0.46 0.83	39.39 0.75 0.00	37.42 0.90 0.00	36.08 1.07 0.00
HICKLING___1 23621	38.52 -0.14 0.00	32.39 0.00 0.00	30.92 -0.04 0.00	32.62 0.10 0.00	30.58 -0.04 0.00	34.91 0.07 0.00	31.74 -0.18 0.00	37.92 -0.30 0.00	33.20 -0.17 0.00	29.95 -0.09 0.00	29.15 -0.19 0.00	27.65 0.01 0.00	28.92 -0.01 0.00	29.70 -0.07 0.00	33.92 -0.08 0.00	40.27 0.07 0.00	50.68 0.13 0.00	82.87 -0.12 0.00	82.37 0.94 0.00	85.47 0.61 0.00	49.09 0.14 0.00	38.41 -0.23 0.00	36.38 -0.15 0.00	34.82 -0.19 0.00
HICKLING___2 23622	38.52 -0.14 0.00	32.39 0.00 0.00	30.92 -0.04 0.00	32.62 0.10 0.00	30.58 -0.04 0.00	34.91 0.07 0.00	31.74 -0.18 0.00	37.92 -0.30 0.00	33.20 -0.17 0.00	29.95 -0.09 0.00	29.15 -0.19 0.00	27.65 0.01 0.00	28.92 -0.01 0.00	29.70 -0.07 0.00	33.92 -0.08 0.00	40.27 0.07 0.00	50.68 0.13 0.00	82.87 -0.12 0.00	82.37 0.94 0.00	85.47 0.61 0.00	49.09 0.14 0.00	38.41 -0.23 0.00	36.38 -0.15 0.00	34.82 -0.19 0.00
HIGH FALLS___HY 23754	39.48 0.82 0.00	33.11 0.72 0.00	31.51 0.55 0.00	33.02 0.51 0.00	31.14 0.53 0.00	35.53 0.69 0.00	32.70 0.78 0.00	39.21 0.99 0.00	34.15 0.79 0.00	30.76 0.73 0.00	30.12 0.78 0.00	28.32 0.69 0.00	29.68 0.76 0.00	30.68 0.87 -0.05	35.10 1.11 0.00	41.74 1.54 0.00	52.42 1.86 0.00	86.06 3.06 0.00	83.99 2.56 0.00	87.41 2.55 0.00	50.28 1.34 0.00	39.87 1.23 0.00	37.84 1.31 0.00	36.33 1.33 0.00
HIGH_RIVER___SOLAR 323847	39.40 0.74 0.00	33.01 0.61 0.00	31.51 0.56 0.00	33.07 0.55 0.00	31.18 0.56 0.00	35.53 0.69 0.00	32.60 0.67 0.00	39.02 0.80 0.00	33.46 0.10 0.00	29.76 -0.28 0.00	29.01 -0.34 0.00	27.27 -0.36 0.00	28.59 -0.34 0.00	29.40 -0.33 0.03	33.64 -0.35 0.00	39.87 -0.33 0.00	50.40 -0.16 0.00	83.76 0.77 0.00	83.42 2.00 0.00	87.10 2.24 0.00	50.21 1.26 0.00	39.60 0.95 0.00	37.40 0.87 0.00	35.81 0.80 0.00
HILLBURN___GT 23639	39.28 0.62 0.00	32.96 0.57 0.00	31.35 0.39 0.00	32.85 0.33 0.00	31.00 0.38 0.00	35.37 0.53 0.00	32.56 0.63 0.00	39.03 0.81 0.00	33.98 0.62 0.00	30.66 0.63 0.00	30.12 0.78 0.00	28.39 0.76 0.00	29.79 0.86 0.00	30.82 0.98 -0.08	35.18 1.18 0.00	41.63 1.44 0.00	52.10 1.54 0.00	85.32 2.33 0.00	83.02 1.59 0.00	86.38 1.52 0.00	49.67 0.72 0.00	39.43 0.78 0.00	37.45 0.92 0.00	36.06 1.05 0.00
HILLSIDE_115KV_TB1 80332	38.00 -0.66 0.00	31.99 -0.40 0.00	30.52 -0.44 0.00	32.21 -0.31 0.00	30.18 -0.44 0.00	34.49 -0.36 0.00	31.39 -0.53 0.00	37.51 -0.71 0.00	32.83 -0.53 0.00	29.65 -0.38 0.00	28.87 -0.48 0.00	27.40 -0.24 0.00	28.65 -0.28 0.00	29.42 -0.35 -0.01	33.62 -0.38 0.00	39.89 -0.30 0.00	50.18 -0.37 0.00	81.79 -1.20 0.00	81.04 -0.39 0.00	84.04 -0.83 0.00	48.41 -0.54 0.00	37.95 -0.70 0.00	35.98 -0.55 0.00	34.43 -0.58 0.00

HISHELDN_WT_PWR 323625	38.09 -0.57 0.00	32.12 -0.27 0.00	30.66 -0.30 0.00	32.32 -0.20 0.00	30.24 -0.38 0.00	34.39 -0.46 0.00	31.01 -0.91 0.00	36.85 -1.37 0.00	32.67 -0.69 0.00	29.72 -0.32 0.00	28.96 -0.38 0.00	27.53 -0.11 0.00	28.80 -0.13 0.00	29.59 -0.17 0.00	33.54 -0.46 0.00	39.70 -0.50 0.00	49.52 -1.03 0.00	80.80 -2.19 0.00	80.88 -0.55 0.00	84.06 0.00 0.00	48.12 -0.82 0.00	37.63 -1.02 0.00	35.73 -0.80 0.00	34.31 -0.70 0.00
HOLTSVILLE_IC_1 23690	36.05 0.12 2.72	4.53 0.23 28.10	25.57 0.04 5.42	25.25 -0.08 7.19	25.46 -0.04 5.12	32.15 0.01 2.70	32.09 0.17 0.00	38.45 0.24 0.00	33.48 0.11 0.00	30.34 0.31 0.00	26.25 0.75 3.85	25.11 0.79 3.32	25.38 0.92 4.47	31.86 0.97 -1.14	38.77 1.04 -3.73	41.14 0.95 0.00	51.13 0.57 0.00	59.92 0.47 23.54	42.17 -0.30 38.96	45.57 -0.60 38.70	47.00 -0.16 1.78	38.94 0.30 0.00	37.10 0.57 0.00	35.80 0.79 0.00
HOLTSVILLE_IC_10 23699	36.31 0.27 2.61	5.74 0.35 26.99	25.89 0.15 5.21	25.64 0.03 6.91	25.77 0.07 4.92	32.38 0.13 2.60	32.20 0.27 0.00	38.58 0.36 0.00	33.60 0.24 0.00	30.44 0.41 0.00	26.50 0.85 3.70	25.33 0.89 3.19	25.66 1.03 4.30	32.50 1.08 -1.65	38.95 1.18 -3.77	41.35 1.15 0.00	51.42 0.87 0.00	60.60 0.91 23.30	43.01 0.14 38.56	46.42 -0.15 38.30	47.31 0.13 1.76	39.15 0.50 0.00	37.28 0.75 0.00	35.96 0.95 0.00
HOLTSVILLE_IC_2 23691	36.05 0.12 2.72	4.53 0.23 28.10	25.57 0.04 5.42	25.25 -0.08 7.19	25.46 -0.04 5.12	32.15 0.01 2.70	32.09 0.17 0.00	38.45 0.24 0.00	33.48 0.11 0.00	30.34 0.31 0.00	26.25 0.75 3.85	25.11 0.79 3.32	25.38 0.92 4.47	31.86 0.97 -1.14	38.77 1.04 -3.73	41.14 0.95 0.00	51.13 0.57 0.00	59.92 0.47 23.54	42.17 -0.30 38.96	45.57 -0.60 38.70	47.00 -0.16 1.78	38.94 0.30 0.00	37.10 0.57 0.00	35.80 0.79 0.00
HOLTSVILLE_IC_3 23692	36.05 0.12 2.72	4.53 0.23 28.10	25.57 0.04 5.42	25.25 -0.08 7.19	25.46 -0.04 5.12	32.15 0.01 2.70	32.09 0.17 0.00	38.45 0.24 0.00	33.48 0.11 0.00	30.34 0.31 0.00	26.25 0.75 3.85	25.11 0.79 3.32	25.38 0.92 4.47	31.86 0.97 -1.14	38.77 1.04 -3.73	41.14 0.95 0.00	51.13 0.57 0.00	59.92 0.47 23.54	42.17 -0.30 38.96	45.57 -0.60 38.70	47.00 -0.16 1.78	38.94 0.30 0.00	37.10 0.57 0.00	35.80 0.79 0.00
HOLTSVILLE_IC_4 23693	36.05 0.12 2.72	4.53 0.23 28.10	25.57 0.04 5.42	25.25 -0.08 7.19	25.46 -0.04 5.12	32.15 0.01 2.70	32.09 0.17 0.00	38.45 0.24 0.00	33.48 0.11 0.00	30.34 0.31 0.00	26.25 0.75 3.85	25.11 0.79 3.32	25.38 0.92 4.47	31.86 0.97 -1.14	38.77 1.04 -3.73	41.14 0.95 0.00	51.13 0.57 0.00	59.92 0.47 23.54	42.17 -0.30 38.96	45.57 -0.60 38.70	47.00 -0.16 1.78	38.94 0.30 0.00	37.10 0.57 0.00	35.80 0.79 0.00
HOLTSVILLE_IC_5 23694	36.05 0.12 2.72	4.53 0.23 28.10	25.57 0.04 5.42	25.25 -0.08 7.19	25.46 -0.04 5.12	32.15 0.01 2.70	32.09 0.17 0.00	38.45 0.24 0.00	33.48 0.11 0.00	30.34 0.31 0.00	26.25 0.75 3.85	25.11 0.79 3.32	25.38 0.92 4.47	31.86 0.97 -1.14	38.77 1.04 -3.73	41.14 0.95 0.00	51.13 0.57 0.00	59.92 0.47 23.54	42.17 -0.30 38.96	45.57 -0.60 38.70	47.00 -0.16 1.78	38.94 0.30 0.00	37.10 0.57 0.00	35.80 0.79 0.00
HOLTSVILLE_IC_6 23695	36.31 0.27 2.61	5.74 0.35 26.99	25.89 0.15 5.21	25.64 0.03 6.91	25.77 0.07 4.92	32.38 0.13 2.60	32.20 0.27 0.00	38.58 0.36 0.00	33.60 0.24 0.00	30.44 0.41 0.00	26.50 0.85 3.70	25.33 0.89 3.19	25.66 1.03 4.30	32.50 1.08 -1.65	38.95 1.18 -3.77	41.35 1.15 0.00	51.42 0.87 0.00	60.60 0.91 23.30	43.01 0.14 38.56	46.42 -0.15 38.30	47.31 0.13 1.76	39.15 0.50 0.00	37.28 0.75 0.00	35.96 0.95 0.00
HOLTSVILLE_IC_7 23696	36.31 0.27 2.61	5.74 0.35 26.99	25.89 0.15 5.21	25.64 0.03 6.91	25.77 0.07 4.92	32.38 0.13 2.60	32.20 0.27 0.00	38.58 0.36 0.00	33.60 0.24 0.00	30.44 0.41 0.00	26.50 0.85 3.70	25.33 0.89 3.19	25.66 1.03 4.30	32.50 1.08 -1.65	38.95 1.18 -3.77	41.35 1.15 0.00	51.42 0.87 0.00	60.60 0.91 23.30	43.01 0.14 38.56	46.42 -0.15 38.30	47.31 0.13 1.76	39.15 0.50 0.00	37.28 0.75 0.00	35.96 0.95 0.00
HOLTSVILLE_IC_8 23697	36.31 0.27 2.61	5.74 0.35 26.99	25.89 0.15 5.21	25.64 0.03 6.91	25.77 0.07 4.92	32.38 0.13 2.60	32.20 0.27 0.00	38.58 0.36 0.00	33.60 0.24 0.00	30.44 0.41 0.00	26.50 0.85 3.70	25.33 0.89 3.19	25.66 1.03 4.30	32.50 1.08 -1.65	38.95 1.18 -3.77	41.35 1.15 0.00	51.42 0.87 0.00	60.60 0.91 23.30	43.01 0.14 38.56	46.42 -0.15 38.30	47.31 0.13 1.76	39.15 0.50 0.00	37.28 0.75 0.00	35.96 0.95 0.00
HOLTSVILLE_IC_9 23698	36.31 0.27 2.61	5.74 0.35 26.99	25.89 0.15 5.21	25.64 0.03 6.91	25.77 0.07 4.92	32.38 0.13 2.60	32.20 0.27 0.00	38.58 0.36 0.00	33.60 0.24 0.00	30.44 0.41 0.00	26.50 0.85 3.70	25.33 0.89 3.19	25.66 1.03 4.30	32.50 1.08 -1.65	38.95 1.18 -3.77	41.35 1.15 0.00	51.42 0.87 0.00	60.60 0.91 23.30	43.01 0.14 38.56	46.42 -0.15 38.30	47.31 0.13 1.76	39.15 0.50 0.00	37.28 0.75 0.00	35.96 0.95 0.00
HOMER_HL_115KV_TB2 355744	37.93 -0.73 0.00	32.12 -0.26 0.00	30.61 -0.35 0.00	32.29 -0.22 0.00	30.23 -0.39 0.00	34.50 -0.34 0.00	31.20 -0.72 0.00	37.27 -0.95 0.00	33.03 -0.34 0.00	30.04 0.01 0.00	29.23 -0.11 0.00	27.78 0.15 0.00	29.14 0.21 0.00	29.79 0.03 0.00	33.76 -0.24 0.00	40.12 -0.08 0.00	50.02 -0.53 0.00	81.30 -1.69 0.00	81.02 -0.41 0.00	84.13 -0.73 0.00	47.96 -0.99 0.00	37.49 -1.16 0.00	35.64 -0.89 0.00	34.34 -0.66 0.00
HOWARD_WT_PWR 323690	38.55 -0.10 0.00	32.39 0.00 0.00	30.92 -0.04 0.00	32.60 0.08 0.00	30.52 -0.10 0.00	34.72 -0.12 0.00	31.43 -0.49 0.00	37.38 -0.84 0.00	32.83 -0.53 0.00	29.70 -0.34 0.00	28.93 -0.41 0.00	27.48 -0.16 0.00	28.74 -0.19 0.00	29.51 -0.25 0.00	33.58 -0.42 0.00	39.78 -0.41 0.00	49.96 -0.60 0.00	82.14 -0.85 0.00	82.48 1.05 0.00	85.80 0.94 0.00	48.99 0.04 0.00	38.14 -0.51 0.00	36.05 -0.48 0.00	34.30 -0.71 0.00
HQ_GEN_CEDARS 23644	39.39 0.74 0.00	32.99 0.60 0.00	31.54 0.58 0.00	33.16 0.64 0.00	31.22 0.60 0.00	35.57 0.72 0.00	32.53 0.61 0.00	38.93 0.71 0.00	34.19 0.82 0.00	30.89 0.85 0.00	30.11 0.76 0.00	28.34 0.71 0.00	29.64 0.71 0.00	30.45 0.68 0.00	34.76 0.77 0.00	41.09 0.89 0.00	51.76 1.20 0.00	85.11 2.11 0.00	83.99 2.57 0.00	87.70 2.84 0.00	50.55 1.61 0.00	39.73 1.08 0.00	37.45 0.92 0.00	35.76 0.75 0.00
HQ_GEN_CEDARS_PROXY 323590	39.39 0.74 0.00	32.99 0.60 0.00	31.54 0.58 0.00	33.16 0.64 0.00	31.22 0.60 0.00	35.56 0.72 0.00	31.05 0.61 1.48	38.93 0.71 0.00	34.19 0.82 0.00	30.88 0.85 0.00	30.11 0.76 0.00	28.34 0.71 0.00	29.64 0.71 0.00	30.45 0.68 0.00	34.76 0.77 0.00	41.09 0.89 0.00	51.76 1.20 0.00	85.10 2.11 0.00	83.99 2.57 0.00	87.70 2.83 0.00	50.55 1.60 0.00	39.73 1.09 0.00	37.45 0.92 0.00	35.76 0.75 0.00

HQ_GEN_IMPORT 323601	38.95 0.29 0.00	32.62 0.23 0.00	31.18 0.22 0.00	32.77 0.25 0.00	30.86 0.24 0.00	35.12 0.28 0.00	32.16 0.23 0.00	38.49 0.27 0.00	33.72 0.35 0.00	30.43 0.39 0.00	29.71 0.37 0.00	27.98 0.35 0.00	29.28 0.35 0.00	30.10 0.34 0.00	34.38 0.39 0.00	40.64 0.45 0.00	51.12 0.56 0.00	83.90 0.91 0.00	82.51 1.08 0.00	86.06 1.20 0.00	49.61 0.67 0.00	39.00 0.44 0.09	36.91 0.38 0.00	35.29 0.29 0.00
HQ_GEN_WHEEL 23651	38.95 0.29 0.00	32.62 0.23 0.00	31.18 0.22 0.00	32.77 0.25 0.00	30.86 0.24 0.00	35.12 0.28 0.00	32.16 0.23 0.00	38.49 0.27 0.00	33.72 0.35 0.00	30.43 0.39 0.00	29.71 0.37 0.00	27.98 0.35 0.00	29.28 0.35 0.00	30.10 0.34 0.00	34.38 0.39 0.00	40.64 0.45 0.00	51.12 0.56 0.00	83.90 0.91 0.00	82.51 1.08 0.00	86.06 1.20 0.00	49.61 0.67 0.00	39.00 0.44 0.09	36.91 0.38 0.00	35.29 0.29 0.00
HUDSON AVE_GT_3 23810	39.56 0.90 0.00	33.27 0.87 0.00	31.64 0.68 0.00	33.14 0.62 0.00	31.27 0.65 0.00	35.66 0.82 0.00	32.86 0.94 0.00	39.38 1.16 0.00	34.35 0.98 0.00	31.02 0.98 0.00	30.51 1.17 0.00	28.74 1.11 0.00	30.19 1.25 0.00	31.23 1.39 -0.08	35.65 1.66 0.00	42.09 1.90 0.00	52.49 1.93 0.00	85.87 2.88 0.00	83.53 2.11 0.00	86.95 2.09 0.00	50.02 1.08 0.00	39.75 1.10 0.00	37.82 1.29 0.00	36.39 1.39 0.00
HUDSON AVE_GT_4 23540	39.56 0.90 0.00	33.27 0.87 0.00	31.64 0.68 0.00	33.14 0.62 0.00	31.27 0.65 0.00	35.66 0.82 0.00	32.86 0.94 0.00	39.38 1.16 0.00	34.35 0.98 0.00	31.02 0.98 0.00	30.51 1.17 0.00	28.74 1.11 0.00	30.19 1.25 0.00	31.23 1.39 -0.08	35.65 1.66 0.00	42.09 1.90 0.00	52.49 1.93 0.00	85.87 2.88 0.00	83.53 2.11 0.00	86.95 2.09 0.00	50.02 1.08 0.00	39.75 1.10 0.00	37.82 1.29 0.00	36.39 1.39 0.00
HUDSON AVE_GT_5 23657	39.56 0.90 0.00	33.27 0.87 0.00	31.64 0.68 0.00	33.14 0.62 0.00	31.27 0.65 0.00	35.66 0.82 0.00	32.86 0.94 0.00	39.38 1.16 0.00	34.35 0.98 0.00	31.02 0.98 0.00	30.51 1.17 0.00	28.74 1.11 0.00	30.19 1.25 0.00	31.23 1.39 -0.08	35.65 1.66 0.00	42.09 1.90 0.00	52.49 1.93 0.00	85.87 2.88 0.00	83.53 2.11 0.00	86.95 2.09 0.00	50.02 1.08 0.00	39.75 1.10 0.00	37.82 1.29 0.00	36.39 1.39 0.00
HUDSON_AVE_10 24168	39.41 0.75 0.00	33.18 0.79 0.00	31.56 0.60 0.00	33.06 0.54 0.00	31.19 0.58 0.00	35.56 0.72 0.00	32.78 0.86 0.00	39.29 1.07 0.00	34.27 0.91 0.00	30.88 0.85 0.00	30.36 1.01 0.00	28.60 0.97 0.00	30.04 1.11 0.00	31.08 1.24 -0.08	35.49 1.49 0.00	41.89 1.70 0.00	52.23 1.67 0.00	85.45 2.45 0.00	83.12 1.70 0.00	86.53 1.67 0.00	49.77 0.83 0.00	39.56 0.91 0.00	37.68 1.15 0.00	36.26 1.25 0.00
HUDSON___115KV_TB 4 355613	39.21 0.56 0.00	32.84 0.45 0.00	31.42 0.46 0.00	32.95 0.44 0.00	31.12 0.50 0.00	35.38 0.54 0.00	32.56 0.64 0.00	39.08 0.86 0.00	33.83 0.46 0.00	30.13 0.10 0.00	29.39 0.04 0.00	27.59 -0.04 0.00	28.85 -0.08 0.00	29.63 -0.10 0.03	33.81 -0.18 0.00	39.87 -0.32 0.00	50.22 -0.34 0.00	82.93 -0.06 0.00	81.35 -0.08 0.00	84.97 0.10 0.00	49.17 0.23 0.00	38.92 0.27 0.00	36.72 0.19 0.00	35.22 0.21 0.00
HUNTER MOUNT___DRP 323613	39.33 0.68 0.00	32.93 0.54 0.00	31.51 0.56 0.00	33.05 0.54 0.00	31.21 0.59 0.00	35.49 0.65 0.00	32.65 0.73 0.00	39.21 0.98 0.00	33.94 0.57 0.00	30.22 0.18 0.00	29.41 0.07 0.00	27.59 -0.04 0.00	28.82 -0.11 0.00	29.62 -0.13 0.01	33.74 -0.26 0.00	39.77 -0.43 0.00	50.16 -0.40 0.00	82.90 -0.09 0.00	81.39 -0.04 0.00	85.01 0.15 0.00	49.22 0.27 0.00	38.95 0.30 0.00	36.71 0.18 0.00	35.19 0.18 0.00
HUNTINGTON_RES_REC 323705	34.05 0.28 4.89	-17.85 0.27 50.51	21.28 0.08 9.76	19.55 -0.05 12.92	21.40 -0.01 9.21	30.06 0.08 4.86	32.17 0.25 0.00	38.53 0.31 0.00	33.57 0.20 0.00	30.44 0.40 0.00	23.19 0.77 6.92	22.46 0.79 5.96	21.82 0.93 8.04	23.73 1.02 7.05	38.97 1.19 -3.79	41.30 1.11 0.00	51.35 0.80 0.00	60.57 0.76 23.18	42.94 -0.12 38.37	46.44 -0.32 38.11	47.19 0.00 1.75	39.06 0.41 0.00	37.22 0.69 0.00	35.93 0.92 0.00
HUNTLEY___63 23557	38.29 -0.37 0.00	32.28 -0.11 0.00	30.80 -0.15 0.00	32.41 -0.10 0.00	30.32 -0.30 0.00	34.41 -0.43 0.00	30.87 -1.05 0.00	36.61 -1.61 0.00	32.70 -0.67 0.00	29.93 -0.10 0.00	29.26 -0.08 0.00	27.80 0.17 0.00	29.12 0.18 0.00	29.93 0.17 0.00	33.85 -0.15 0.00	40.04 -0.15 0.00	49.74 -0.82 0.00	80.74 -2.25 0.00	80.68 -0.75 0.00	83.80 -1.06 0.00	47.97 -0.98 0.00	37.55 -1.09 0.00	35.72 -0.81 0.00	34.35 -0.65 0.00
HUNTLEY___64 23558	38.29 -0.37 0.00	32.28 -0.11 0.00	30.80 -0.15 0.00	32.41 -0.10 0.00	30.32 -0.30 0.00	34.41 -0.43 0.00	30.87 -1.05 0.00	36.61 -1.61 0.00	32.70 -0.67 0.00	29.93 -0.10 0.00	29.26 -0.08 0.00	27.80 0.17 0.00	29.12 0.18 0.00	29.93 0.17 0.00	33.85 -0.15 0.00	40.04 -0.15 0.00	49.74 -0.82 0.00	80.74 -2.25 0.00	80.68 -0.75 0.00	83.80 -1.06 0.00	47.97 -0.98 0.00	37.55 -1.09 0.00	35.72 -0.81 0.00	34.35 -0.65 0.00
HUNTLEY___65 23559	38.29 -0.37 0.00	32.28 -0.11 0.00	30.80 -0.15 0.00	32.41 -0.10 0.00	30.32 -0.30 0.00	34.41 -0.43 0.00	30.87 -1.05 0.00	36.61 -1.61 0.00	32.70 -0.67 0.00	29.93 -0.10 0.00	29.26 -0.08 0.00	27.80 0.17 0.00	29.12 0.18 0.00	29.93 0.17 0.00	33.85 -0.15 0.00	40.04 -0.15 0.00	49.74 -0.82 0.00	80.74 -2.25 0.00	80.68 -0.75 0.00	83.80 -1.06 0.00	47.97 -0.98 0.00	37.55 -1.09 0.00	35.72 -0.81 0.00	34.35 -0.65 0.00
HUNTLEY___66 23560	38.29 -0.37 0.00	32.28 -0.11 0.00	30.80 -0.15 0.00	32.41 -0.10 0.00	30.32 -0.30 0.00	34.41 -0.43 0.00	30.87 -1.05 0.00	36.61 -1.61 0.00	32.70 -0.67 0.00	29.93 -0.10 0.00	29.26 -0.08 0.00	27.80 0.17 0.00	29.12 0.18 0.00	29.93 0.17 0.00	33.85 -0.15 0.00	40.04 -0.15 0.00	49.74 -0.82 0.00	80.74 -2.25 0.00	80.68 -0.75 0.00	83.80 -1.06 0.00	47.97 -0.98 0.00	37.55 -1.09 0.00	35.72 -0.81 0.00	34.35 -0.65 0.00
HUNTLEY___67 23561	38.00 -0.65 0.00	32.03 -0.36 0.00	30.57 -0.38 0.00	32.18 -0.34 0.00	30.09 -0.53 0.00	34.17 -0.68 0.00	30.73 -1.20 0.00	36.48 -1.74 0.00	32.57 -0.79 0.00	29.80 -0.23 0.00	29.11 -0.23 0.00	27.68 0.05 0.00	28.99 0.05 0.00	29.78 0.02 0.00	33.69 -0.30 0.00	39.79 -0.41 0.00	49.42 -1.14 0.00	80.18 -2.81 0.00	80.04 -1.38 0.00	83.23 -1.63 0.00	47.64 -1.30 0.00	37.30 -1.35 0.00	35.47 -1.06 0.00	34.11 -0.89 0.00
HUNTLEY___68 23562	38.00 -0.65 0.00	32.03 -0.36 0.00	30.57 -0.38 0.00	32.18 -0.34 0.00	30.09 -0.53 0.00	34.17 -0.68 0.00	30.73 -1.20 0.00	36.48 -1.74 0.00	32.57 -0.79 0.00	29.80 -0.23 0.00	29.11 -0.23 0.00	27.68 0.05 0.00	28.99 0.05 0.00	29.78 0.02 0.00	33.69 -0.30 0.00	39.79 -0.41 0.00	49.42 -1.14 0.00	80.18 -2.81 0.00	80.04 -1.38 0.00	83.23 -1.63 0.00	47.64 -1.30 0.00	37.30 -1.35 0.00	35.47 -1.06 0.00	34.11 -0.89 0.00

HYLAND___LFGE 323620	40.18 1.52 0.00	33.72 1.33 0.00	32.17 1.21 0.00	33.85 1.33 0.00	31.74 1.12 0.00	36.15 1.30 0.00	32.88 0.96 0.00	39.31 1.09 0.00	34.36 0.99 0.00	30.44 0.41 0.00	29.59 0.25 0.00	28.06 0.43 0.00	29.38 0.45 0.00	30.23 0.47 0.00	34.42 0.42 0.00	40.74 0.55 0.00	51.26 0.70 0.00	84.26 1.27 0.00	85.67 4.24 0.00	89.95 5.09 0.00	51.46 2.52 0.00	40.15 1.50 0.00	37.89 1.36 0.00	36.19 1.18 0.00
INDECK___CORINTH 23802	39.42 0.77 0.00	32.99 0.59 0.00	31.54 0.59 0.00	33.11 0.59 0.00	31.24 0.62 0.00	35.67 0.83 0.00	32.72 0.80 0.00	39.19 0.97 0.00	33.85 0.49 0.00	30.19 0.15 0.00	29.30 -0.04 0.00	27.49 -0.14 0.00	28.77 -0.16 0.00	29.61 -0.11 0.05	33.98 -0.02 0.00	40.35 0.15 0.00	51.35 0.79 0.00	84.99 1.99 0.00	82.99 1.57 0.00	86.48 1.62 0.00	50.18 1.23 0.00	39.59 0.94 0.00	37.37 0.84 0.00	35.70 0.69 0.00
INDECK___ILION 23567	39.46 0.81 0.00	33.06 0.67 0.00	31.57 0.61 0.00	33.16 0.64 0.00	31.26 0.64 0.00	35.60 0.75 0.00	32.68 0.76 0.00	39.16 0.94 0.00	33.79 0.43 0.00	30.13 0.10 0.00	29.38 0.04 0.00	27.64 0.01 0.00	28.94 0.01 0.00	29.80 0.04 0.00	34.05 0.05 0.00	40.33 0.14 0.00	50.91 0.35 0.00	84.23 1.24 0.00	82.97 1.54 0.00	86.51 1.65 0.00	49.95 1.01 0.00	39.50 0.86 0.00	37.33 0.79 0.00	35.78 0.77 0.00
INDECK___OLEAN 23982	37.93 -0.72 0.00	32.12 -0.27 0.00	30.61 -0.35 0.00	32.29 -0.22 0.00	30.23 -0.39 0.00	34.50 -0.34 0.00	31.20 -0.72 0.00	37.27 -0.95 0.00	33.04 -0.33 0.00	30.04 0.01 0.00	29.23 -0.11 0.00	27.79 0.15 0.00	29.14 0.21 0.00	29.79 0.03 0.00	33.76 -0.24 0.00	40.12 -0.08 0.00	50.03 -0.53 0.00	81.30 -1.69 0.00	81.06 -0.36 0.00	84.15 -0.71 0.00	47.95 -0.99 0.00	37.49 -1.16 0.00	35.64 -0.89 0.00	34.34 -0.66 0.00
INDECK___OSWEGO 23783	37.99 -0.67 0.00	31.82 -0.56 0.00	30.41 -0.55 0.00	31.95 -0.57 0.00	30.04 -0.59 0.00	34.14 -0.71 0.00	31.27 -0.65 0.00	37.45 -0.77 0.00	32.67 -0.69 0.00	29.36 -0.67 0.00	28.64 -0.71 0.00	26.99 -0.64 0.00	28.25 -0.68 0.00	29.06 -0.70 0.00	33.18 -0.82 0.00	39.23 -0.96 0.00	49.42 -1.14 0.00	81.39 -1.61 0.00	80.12 -1.31 0.00	83.42 -1.44 0.00	48.04 -0.90 0.00	37.90 -0.75 0.00	35.84 -0.69 0.00	34.36 -0.65 0.00
INDECK___YERKES 23781	38.32 -0.33 0.00	32.30 -0.09 0.00	30.83 -0.13 0.00	32.44 -0.08 0.00	30.34 -0.28 0.00	34.43 -0.42 0.00	30.90 -1.02 0.00	36.63 -1.60 0.00	32.73 -0.64 0.00	29.96 -0.08 0.00	29.28 -0.06 0.00	27.82 0.19 0.00	29.14 0.21 0.00	29.96 0.20 0.00	33.87 -0.12 0.00	40.07 -0.12 0.00	49.77 -0.79 0.00	80.80 -2.19 0.00	80.77 -0.66 0.00	83.90 -0.97 0.00	47.99 -0.95 0.00	37.58 -1.07 0.00	35.74 -0.79 0.00	34.38 -0.62 0.00
INDIAN POINT_GT_1 24139	39.28 0.63 0.00	32.97 0.57 0.00	31.38 0.42 0.00	32.87 0.35 0.00	31.01 0.39 0.00	35.37 0.53 0.00	32.57 0.64 0.00	39.03 0.81 0.00	33.99 0.62 0.00	30.67 0.64 0.00	30.14 0.80 0.00	28.39 0.76 0.00	29.79 0.86 0.00	30.82 0.98 -0.08	35.17 1.18 0.00	41.59 1.39 0.00	51.99 1.43 0.00	85.10 2.11 0.00	82.81 1.38 0.00	86.21 1.35 0.00	49.62 0.68 0.00	39.40 0.76 0.00	37.44 0.90 0.00	36.03 1.03 0.00
INDIAN POINT_GT_2 23659	39.28 0.63 0.00	32.97 0.57 0.00	31.38 0.42 0.00	32.87 0.35 0.00	31.01 0.39 0.00	35.37 0.53 0.00	32.57 0.64 0.00	39.03 0.81 0.00	33.99 0.62 0.00	30.67 0.64 0.00	30.14 0.80 0.00	28.39 0.76 0.00	29.79 0.86 0.00	30.82 0.98 -0.08	35.17 1.18 0.00	41.59 1.39 0.00	51.99 1.43 0.00	85.10 2.11 0.00	82.81 1.38 0.00	86.21 1.35 0.00	49.62 0.68 0.00	39.40 0.76 0.00	37.44 0.90 0.00	36.03 1.03 0.00
INDIAN POINT_GT_3 24019	39.28 0.63 0.00	32.97 0.57 0.00	31.38 0.42 0.00	32.87 0.35 0.00	31.01 0.39 0.00	35.37 0.53 0.00	32.57 0.64 0.00	39.03 0.81 0.00	33.99 0.62 0.00	30.67 0.64 0.00	30.14 0.80 0.00	28.39 0.76 0.00	29.79 0.86 0.00	30.82 0.98 -0.08	35.17 1.18 0.00	41.59 1.39 0.00	51.99 1.43 0.00	85.10 2.11 0.00	82.81 1.38 0.00	86.21 1.35 0.00	49.62 0.68 0.00	39.40 0.76 0.00	37.44 0.90 0.00	36.03 1.03 0.00
INDIAN POINT___2 23530	39.24 0.58 0.00	32.93 0.54 0.00	31.34 0.38 0.00	32.83 0.31 0.00	30.98 0.36 0.00	35.33 0.48 0.00	32.52 0.60 0.00	38.97 0.75 0.00	33.94 0.58 0.00	30.63 0.60 0.00	30.11 0.76 0.00	28.36 0.73 0.00	29.76 0.83 0.00	30.78 0.94 -0.08	35.13 1.13 0.00	41.55 1.36 0.00	51.95 1.39 0.00	85.03 2.04 0.00	82.73 1.31 0.00	86.12 1.26 0.00	49.56 0.62 0.00	39.36 0.71 0.00	37.39 0.87 0.00	35.99 0.99 0.00
INDIAN POINT___3 23531	39.24 0.59 0.00	32.95 0.55 0.00	31.35 0.39 0.00	32.86 0.34 0.00	31.00 0.38 0.00	35.35 0.50 0.00	32.54 0.62 0.00	38.99 0.77 0.00	33.96 0.59 0.00	30.65 0.61 0.00	30.11 0.77 0.00	28.36 0.73 0.00	29.76 0.83 0.00	30.78 0.94 -0.08	35.13 1.13 0.00	41.55 1.35 0.00	51.95 1.39 0.00	85.02 2.02 0.00	82.72 1.30 0.00	86.12 1.25 0.00	49.57 0.63 0.00	39.36 0.71 0.00	37.39 0.86 0.00	35.99 0.99 0.00
INGHAM_C_115KV_TB7 356103	40.57 1.92 0.00	33.98 1.58 0.00	32.39 1.44 0.00	34.02 1.51 0.00	32.11 1.49 0.00	36.61 1.76 0.00	33.68 1.75 0.00	40.35 2.13 0.00	34.38 1.01 0.00	30.28 0.25 0.00	29.43 0.09 0.00	27.67 0.03 0.00	28.96 0.03 0.00	29.84 0.08 0.00	34.12 0.13 0.00	40.48 0.28 0.00	51.31 0.75 0.00	85.79 2.80 0.00	85.16 3.73 0.00	88.90 4.04 0.00	51.41 2.47 0.00	40.68 2.04 0.00	38.40 1.87 0.00	36.78 1.77 0.00
IP CORINTH___1 23988	39.62 0.97 0.00	33.17 0.78 0.00	31.70 0.74 0.00	33.28 0.76 0.00	31.40 0.78 0.00	35.86 1.02 0.00	32.91 0.99 0.00	39.42 1.20 0.00	34.04 0.68 0.00	30.36 0.32 0.00	29.46 0.12 0.00	27.64 0.01 0.00	28.92 -0.02 0.00	29.76 0.05 0.05	34.16 0.17 0.00	40.57 0.38 0.00	51.63 1.08 0.00	85.45 2.46 0.00	83.46 2.04 0.00	86.97 2.11 0.00	50.47 1.52 0.00	39.81 1.17 0.00	37.59 1.06 0.00	35.90 0.89 0.00
IP___TICONDEROGA 23804	41.41 2.75 0.00	34.64 2.24 0.00	33.24 2.28 0.00	34.94 2.42 0.00	33.00 2.38 0.00	37.85 3.01 0.00	34.91 2.99 0.00	41.74 3.52 0.00	35.42 2.06 0.00	31.36 1.33 0.00	30.34 1.00 0.00	28.44 0.80 0.00	29.70 0.78 0.00	30.68 0.97 0.05	35.31 1.31 0.00	42.32 2.12 0.00	54.44 3.89 0.00	90.52 7.52 0.00	88.41 6.98 0.00	91.89 7.03 0.00	53.97 5.02 0.00	42.38 3.74 0.00	39.92 3.39 0.00	37.88 2.87 0.00
ISLIP_RES_REC 323679	36.71 0.38 2.33	8.81 0.44 24.02	26.56 0.24 4.64	26.49 0.12 6.14	26.39 0.15 4.38	32.76 0.22 2.31	32.28 0.36 0.00	38.69 0.47 0.00	33.69 0.32 0.00	30.53 0.49 0.00	26.99 0.94 3.29	25.77 0.97 2.84	26.22 1.12 3.82	33.76 1.18 -2.82	39.08 1.30 -3.79	41.50 1.30 0.00	51.66 1.10 0.00	61.17 1.32 23.14	43.66 0.52 38.29	47.06 0.23 38.03	47.54 0.35 1.75	39.30 0.66 0.00	37.43 0.90 0.00	36.08 1.07 0.00

JAMAICA__27_KV_LOAD 355505	39.57 0.92 0.00	33.42 1.03 0.00	31.79 0.83 0.00	33.30 0.79 0.00	31.43 0.80 0.00	35.84 0.99 0.00	33.06 1.14 0.00	39.62 1.40 0.00	34.57 1.21 0.00	30.98 0.94 0.00	30.41 1.07 0.00	28.65 1.02 0.00	30.09 1.16 0.00	31.16 1.32 -0.08	35.60 1.60 0.00	42.01 1.81 0.00	52.36 1.80 0.00	85.64 2.65 0.00	83.34 1.91 0.00	86.80 1.94 0.00	49.91 0.97 0.00	39.68 1.03 0.00	37.91 1.38 0.00	36.46 1.45 0.00
JANIS__SOLAR 323808	39.80 1.15 0.00	33.36 0.97 0.00	31.83 0.87 0.00	33.51 0.99 0.00	31.49 0.86 0.00	35.92 1.08 0.00	32.88 0.96 0.00	39.40 1.18 0.00	34.15 0.78 0.00	30.34 0.30 0.00	29.38 0.04 0.00	27.66 0.02 0.00	28.95 0.02 0.00	29.80 0.02 -0.01	34.05 0.06 0.00	40.50 0.31 0.00	51.35 0.80 0.00	85.24 2.25 0.00	85.05 3.62 0.00	88.69 3.83 0.00	50.97 2.03 0.00	40.08 1.44 0.00	37.83 1.30 0.00	36.18 1.17 0.00
JARVIS____ 23743	38.67 0.01 0.00	32.40 0.01 0.00	30.98 0.02 0.00	32.52 0.01 0.00	30.64 0.02 0.00	34.88 0.04 0.00	31.96 0.04 0.00	38.29 0.07 0.00	33.34 -0.02 0.00	29.97 -0.06 0.00	29.29 -0.05 0.00	27.57 -0.06 0.00	28.87 -0.06 0.00	29.70 -0.06 0.00	33.93 -0.07 0.00	40.15 -0.05 0.00	50.51 -0.05 0.00	82.98 -0.01 0.00	81.29 -0.14 0.00	84.68 -0.18 0.00	48.87 -0.07 0.00	38.63 -0.01 0.00	36.54 0.01 0.00	35.04 0.03 0.00
JENNISON____1 23625	39.80 1.14 0.00	33.35 0.95 0.00	31.80 0.85 0.00	33.52 1.00 0.00	31.52 0.90 0.00	35.97 1.13 0.00	32.96 1.04 0.00	39.48 1.26 0.00	34.34 0.98 0.00	30.72 0.69 0.00	29.86 0.51 0.00	28.11 0.48 0.00	29.44 0.51 0.00	30.31 0.53 -0.01	34.62 0.62 0.00	41.19 0.99 0.00	52.11 1.55 0.00	86.08 3.08 0.00	84.97 3.54 0.00	88.38 3.52 0.00	50.82 1.88 0.00	40.04 1.39 0.00	37.84 1.31 0.00	36.21 1.21 0.00
JENNISON____2 23626	39.80 1.14 0.00	33.35 0.95 0.00	31.80 0.85 0.00	33.52 1.00 0.00	31.52 0.90 0.00	35.97 1.13 0.00	32.96 1.04 0.00	39.48 1.26 0.00	34.34 0.98 0.00	30.72 0.69 0.00	29.86 0.51 0.00	28.11 0.48 0.00	29.44 0.51 0.00	30.31 0.53 -0.01	34.62 0.62 0.00	41.19 0.99 0.00	52.11 1.55 0.00	86.08 3.08 0.00	84.97 3.54 0.00	88.38 3.52 0.00	50.82 1.88 0.00	40.04 1.39 0.00	37.84 1.31 0.00	36.21 1.21 0.00
JERICOHO_RISE_WT_PWR 323719	38.92 0.26 0.00	32.51 0.11 0.00	30.99 0.03 0.00	32.66 0.14 0.00	30.80 0.18 0.00	35.27 0.43 0.00	32.46 0.53 0.00	38.86 0.64 0.00	34.30 0.94 0.00	31.04 1.00 0.00	30.29 0.94 0.00	28.55 0.91 0.00	29.81 0.88 0.00	30.64 0.88 0.00	35.06 1.07 0.00	41.57 1.37 0.00	52.57 2.02 0.00	86.67 3.68 0.00	85.11 3.68 0.00	88.99 4.13 0.00	51.24 2.30 0.00	40.24 1.59 0.00	37.81 1.28 0.00	35.90 0.89 0.00
KATONAH__115KV_46KV_TB4 355592	39.48 0.83 0.00	33.13 0.74 0.00	31.54 0.59 0.00	33.04 0.53 0.00	31.18 0.56 0.00	35.56 0.71 0.00	32.73 0.81 0.00	39.24 1.02 0.00	34.18 0.82 0.00	30.87 0.83 0.00	30.33 0.98 0.00	28.56 0.93 0.00	29.96 1.03 0.00	30.99 1.15 -0.08	35.38 1.39 0.00	41.84 1.64 0.00	52.31 1.75 0.00	85.58 2.59 0.00	83.27 1.85 0.00	86.70 1.84 0.00	49.95 1.00 0.00	39.65 1.00 0.00	37.63 1.10 0.00	36.19 1.19 0.00
KCE_NY_1 323755	39.77 1.11 0.00	33.34 0.95 0.00	31.79 0.84 0.00	33.35 0.84 0.00	31.46 0.84 0.00	35.97 1.12 0.00	32.98 1.06 0.00	39.52 1.30 0.00	34.21 0.84 0.00	30.58 0.54 0.00	29.76 0.42 0.00	27.91 0.28 0.00	29.24 0.31 0.00	30.02 0.31 0.05	34.46 0.47 0.00	40.91 0.72 0.00	51.82 1.27 0.00	85.54 2.54 0.00	83.51 2.08 0.00	87.04 2.18 0.00	50.39 1.45 0.00	39.79 1.15 0.00	37.58 1.05 0.00	36.02 1.01 0.00
KCE_NY_6_ESR 323823	38.32 -0.33 0.00	32.29 -0.10 0.00	30.80 -0.15 0.00	32.44 -0.08 0.00	30.33 -0.29 0.00	34.47 -0.38 0.00	31.03 -0.89 0.00	36.88 -1.34 0.00	32.88 -0.49 0.00	30.03 0.00 0.00	29.34 0.00 0.00	27.90 0.27 0.00	29.20 0.27 0.00	30.01 0.25 0.00	33.95 -0.04 0.00	40.23 0.04 0.00	50.08 -0.47 0.00	81.32 -1.68 0.00	81.32 -0.11 0.00	84.44 -0.42 0.00	48.27 -0.68 0.00	37.81 -0.83 0.00	35.91 -0.62 0.00	34.50 -0.51 0.00
KEDC PORT_JEFF_GT2 24210	35.98 0.23 2.90	2.72 0.31 29.97	25.28 0.11 5.79	24.84 -0.01 7.67	25.19 0.03 5.47	32.04 0.08 2.88	32.18 0.25 0.00	38.55 0.33 0.00	33.58 0.21 0.00	30.43 0.39 0.00	26.06 0.82 4.11	24.95 0.85 3.54	25.16 1.00 4.77	31.32 1.05 -0.50	38.91 1.16 -3.76	41.32 1.12 0.00	51.36 0.80 0.00	60.00 0.39 23.38	42.32 -0.41 38.70	45.73 -0.69 38.44	47.23 0.06 1.77	39.10 0.46 0.00	37.24 0.71 0.00	35.92 0.91 0.00
KEDC PORT_JEFF_GT3 24211	35.98 0.23 2.90	2.72 0.31 29.97	25.28 0.11 5.79	24.84 -0.01 7.67	25.19 0.03 5.47	32.04 0.08 2.88	32.18 0.25 0.00	38.55 0.33 0.00	33.58 0.21 0.00	30.43 0.39 0.00	26.06 0.82 4.11	24.95 0.85 3.54	25.16 1.00 4.77	31.32 1.05 -0.50	38.91 1.16 -3.76	41.32 1.12 0.00	51.36 0.80 0.00	60.00 0.39 23.38	42.32 -0.41 38.70	45.73 -0.69 38.44	47.23 0.06 1.77	39.10 0.46 0.00	37.24 0.71 0.00	35.92 0.91 0.00
KEDC_GLWD_GT4 24219	39.56 0.90 0.00	33.20 0.81 0.00	31.59 0.63 0.00	33.07 0.56 0.00	31.19 0.57 0.00	35.56 0.71 0.00	32.75 0.83 0.00	39.23 1.01 0.00	34.19 0.82 0.00	30.94 0.90 0.00	30.51 1.17 0.00	28.77 1.14 0.00	30.22 1.29 -0.01	51.29 1.40 -20.14	42.12 1.62 -6.50	42.01 1.81 0.00	52.05 1.50 0.00	76.82 2.02 8.19	69.14 1.19 13.47	73.95 1.15 12.06	49.10 0.70 0.55	39.73 1.09 0.00	37.74 1.21 0.00	36.36 1.35 0.00
KEDC_GLWD_GT5 24220	39.56 0.90 0.00	33.20 0.81 0.00	31.59 0.63 0.00	33.07 0.56 0.00	31.19 0.57 0.00	35.56 0.71 0.00	32.75 0.83 0.00	39.23 1.01 0.00	34.19 0.82 0.00	30.94 0.90 0.00	30.51 1.17 0.00	28.77 1.14 0.00	30.22 1.29 -0.01	51.29 1.40 -20.14	42.12 1.62 -6.50	42.01 1.81 0.00	52.05 1.50 0.00	76.82 2.02 8.19	69.14 1.19 13.47	73.95 1.15 12.06	49.10 0.70 0.55	39.73 1.09 0.00	37.74 1.21 0.00	36.36 1.35 0.00
KENSICO____ 23655	39.37 0.72 0.00	33.06 0.67 0.00	31.46 0.50 0.00	32.96 0.44 0.00	31.09 0.48 0.00	35.45 0.61 0.00	32.65 0.72 0.00	39.13 0.91 0.00	34.09 0.73 0.00	30.78 0.74 0.00	30.25 0.91 0.00	28.50 0.86 0.00	29.90 0.97 0.00	30.93 1.09 -0.08	35.29 1.30 0.00	41.72 1.53 0.00	52.12 1.56 0.00	85.29 2.30 0.00	82.97 1.54 0.00	86.38 1.52 0.00	49.75 0.80 0.00	39.51 0.86 0.00	37.54 1.01 0.00	36.13 1.12 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	39.42 0.77 0.00	33.05 0.66 0.00	31.47 0.51 0.00	32.97 0.45 0.00	31.11 0.49 0.00	35.49 0.64 0.00	32.66 0.74 0.00	39.17 0.95 0.00	34.09 0.72 0.00	30.66 0.63 0.00	30.01 0.67 0.00	28.21 0.57 0.00	29.57 0.64 0.00	30.56 0.74 -0.05	34.93 0.94 0.00	41.51 1.31 0.00	52.16 1.60 0.00	85.66 2.67 0.00	83.66 2.23 0.00	87.10 2.24 0.00	50.13 1.18 0.00	39.75 1.10 0.00	37.69 1.16 0.00	36.19 1.19 0.00

KIAC_JFK_GT1 23816	39.34 0.68 0.00	33.26 0.87 0.00	31.63 0.67 0.00	33.14 0.62 0.00	31.27 0.65 0.00	35.65 0.81 0.00	32.88 0.96 0.00	39.41 1.19 0.00	34.40 1.03 0.00	30.81 0.78 0.00	30.25 0.91 0.00	28.49 0.86 0.00	29.94 1.01 0.00	30.99 1.15 -0.08	35.40 1.41 0.00	41.70 1.50 0.00	51.89 1.33 0.00	84.85 1.86 0.00	82.53 1.11 0.00	85.95 1.09 0.00	49.43 0.49 0.00	39.30 0.66 0.00	37.68 1.15 0.00	36.25 1.24 0.00
KIAC_JFK_GT2 23817	39.34 0.68 0.00	33.26 0.87 0.00	31.63 0.67 0.00	33.14 0.62 0.00	31.27 0.65 0.00	35.65 0.81 0.00	32.88 0.96 0.00	39.41 1.19 0.00	34.40 1.03 0.00	30.81 0.78 0.00	30.25 0.91 0.00	28.49 0.86 0.00	29.94 1.01 0.00	30.99 1.15 -0.08	35.40 1.41 0.00	41.70 1.50 0.00	51.89 1.33 0.00	84.85 1.86 0.00	82.53 1.11 0.00	85.95 1.09 0.00	49.43 0.49 0.00	39.30 0.66 0.00	37.68 1.15 0.00	36.25 1.24 0.00
KIAC_JFK____ 323774	39.34 0.69 0.00	33.26 0.87 0.00	31.63 0.67 0.00	33.14 0.62 0.00	31.27 0.65 0.00	35.65 0.81 0.00	32.88 0.97 0.00	39.41 1.19 0.00	34.39 1.03 0.00	30.81 0.78 0.00	30.25 0.91 0.00	28.49 0.86 0.00	29.94 1.01 0.00	30.99 1.15 -0.08	35.40 1.41 0.00	41.70 1.50 0.00	51.89 1.33 0.00	84.85 1.86 0.00	82.51 1.09 0.00	85.94 1.07 0.00	49.43 0.49 0.00	39.30 0.66 0.00	37.68 1.15 0.00	36.25 1.24 0.00
KINTIGH__24_KV_GSU 356498	38.05 -0.61 0.00	32.06 -0.33 0.00	30.61 -0.35 0.00	32.20 -0.32 0.00	30.15 -0.47 0.00	34.24 -0.61 0.00	30.87 -1.06 0.00	36.69 -1.53 0.00	32.67 -0.70 0.00	29.81 -0.22 0.00	29.12 -0.22 0.00	27.66 0.03 0.00	28.97 0.04 0.00	29.76 0.00 0.00	33.72 -0.27 0.00	39.53 -0.67 0.00	49.14 -1.42 0.00	79.89 -3.10 0.00	79.56 -1.86 0.00	82.77 -2.09 0.00	47.35 -1.59 0.00	37.11 -1.54 0.00	35.28 -1.25 0.00	34.04 -0.96 0.00
KINTIGH____ 23543	38.02 -0.63 0.00	32.04 -0.35 0.00	30.60 -0.36 0.00	32.19 -0.33 0.00	30.13 -0.49 0.00	34.22 -0.63 0.00	30.84 -1.08 0.00	36.66 -1.56 0.00	32.64 -0.73 0.00	29.79 -0.25 0.00	29.11 -0.23 0.00	27.64 0.01 0.00	28.96 0.03 0.00	29.74 -0.02 0.00	33.70 -0.29 0.00	39.55 -0.64 0.00	49.18 -1.38 0.00	79.96 -3.04 0.00	79.60 -1.83 0.00	82.80 -2.06 0.00	47.40 -1.54 0.00	37.14 -1.51 0.00	35.31 -1.22 0.00	34.04 -0.97 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	39.37 0.72 0.00	32.81 0.42 0.00	31.24 0.29 0.00	32.92 0.40 0.00	31.10 0.48 0.00	35.70 0.85 0.00	32.93 1.01 0.00	39.43 1.21 0.00	34.80 1.44 0.00	31.45 1.41 0.00	30.69 1.35 0.00	28.92 1.29 0.00	30.19 1.26 0.00	31.04 1.28 0.00	35.52 1.53 0.00	42.21 2.02 0.00	53.64 3.08 0.00	88.77 5.78 0.00	86.97 5.55 0.00	91.11 6.25 0.00	52.43 3.49 0.00	41.13 2.49 0.00	38.62 2.09 0.00	36.60 1.59 0.00
LACHUTE____HYDRO 323717	41.41 2.75 0.00	34.64 2.24 0.00	33.24 2.28 0.00	34.94 2.42 0.00	33.00 2.38 0.00	37.85 3.01 0.00	34.91 2.99 0.00	41.74 3.52 0.00	35.42 2.06 0.00	31.36 1.33 0.00	30.34 1.00 0.00	28.44 0.80 0.00	29.70 0.78 0.00	30.67 0.97 0.05	35.31 1.32 0.00	42.32 2.13 0.00	54.44 3.88 0.00	90.52 7.52 0.00	88.41 6.98 0.00	91.88 7.02 0.00	53.97 5.02 0.00	42.38 3.74 0.00	39.92 3.39 0.00	37.88 2.87 0.00
LAWRNCALV_115KV_TB1 80681	39.58 0.92 0.00	33.12 0.73 0.00	31.67 0.71 0.00	33.30 0.78 0.00	31.36 0.74 0.00	35.76 0.91 0.00	32.72 0.80 0.00	39.19 0.97 0.00	34.42 1.06 0.00	31.04 1.01 0.00	30.21 0.87 0.00	28.41 0.77 0.00	29.68 0.76 0.00	30.48 0.72 0.00	34.80 0.80 0.00	41.12 0.92 0.00	51.90 1.34 0.00	85.69 2.69 0.00	84.83 3.41 0.00	88.64 3.78 0.00	51.03 2.09 0.00	40.08 1.43 0.00	37.76 1.23 0.00	36.02 1.01 0.00
LEDERLE____ 23769	39.43 0.78 0.00	33.09 0.70 0.00	31.48 0.52 0.00	32.98 0.46 0.00	31.12 0.50 0.00	35.57 0.72 0.00	32.74 0.82 0.00	39.26 1.04 0.00	34.15 0.78 0.00	30.78 0.75 0.00	30.25 0.91 0.00	28.50 0.87 0.00	29.91 0.99 0.00	30.94 1.11 -0.08	35.33 1.33 0.00	41.82 1.63 0.00	52.34 1.78 0.00	85.69 2.70 0.00	83.38 1.95 0.00	86.76 1.90 0.00	49.89 0.94 0.00	39.59 0.95 0.00	37.60 1.07 0.00	36.19 1.19 0.00
LIGHTHSE_115KV_TB6 355974	38.63 -0.02 0.00	32.35 -0.04 0.00	30.92 -0.03 0.00	32.49 -0.03 0.00	30.53 -0.09 0.00	34.81 -0.04 0.00	31.89 -0.03 0.00	38.26 0.04 0.00	33.35 -0.01 0.00	29.90 -0.13 0.00	29.06 -0.28 0.00	27.38 -0.26 0.00	28.59 -0.34 0.00	29.36 -0.40 0.00	33.45 -0.55 0.00	39.48 -0.71 0.00	49.88 -0.67 0.00	82.88 -0.11 0.00	82.14 0.71 0.00	85.56 0.70 0.00	49.19 0.25 0.00	38.74 0.10 0.00	36.67 0.14 0.00	35.14 0.13 0.00
LINDEN COGEN____ 23786	39.23 0.58 0.00	33.01 0.62 0.00	31.39 0.43 0.00	32.87 0.35 0.00	31.03 0.41 0.00	35.38 0.53 0.00	32.60 0.68 0.00	39.07 0.85 0.00	34.06 0.69 0.00	30.77 0.74 0.00	30.26 0.92 0.00	28.51 0.87 0.00	29.92 1.00 0.00	30.97 1.13 -0.08	35.33 1.34 0.00	41.74 1.54 0.00	52.07 1.52 0.00	85.22 2.23 0.00	82.90 1.48 0.00	86.28 1.42 0.00	49.63 0.68 0.00	39.44 0.79 0.00	37.52 0.99 0.00	36.11 1.10 0.00
LINDHRST_69_KV_BK1 356055	39.34 0.84 0.15	31.59 0.78 1.58	31.22 0.57 0.31	32.56 0.45 0.40	30.81 0.48 0.29	35.25 0.56 0.15	32.57 0.65 0.00	39.00 0.78 0.00	33.99 0.63 0.00	30.80 0.77 0.00	30.30 1.18 0.22	28.63 1.19 0.19	30.03 1.35 0.25	43.69 1.45 -12.48	39.78 1.58 -4.21	41.85 1.66 0.00	52.10 1.54 0.00	64.22 2.06 20.83	48.20 1.17 34.39	53.13 1.10 32.83	48.16 0.72 1.51	39.62 0.97 0.00	37.69 1.16 0.00	36.35 1.34 0.00
LIPA_MISC_IPP 23656	35.83 -0.11 2.71	4.44 0.06 28.02	25.42 -0.13 5.41	25.09 -0.26 7.17	25.32 -0.19 5.11	31.99 -0.17 2.69	31.95 0.03 0.00	38.30 0.08 0.00	33.34 -0.02 0.00	30.20 0.17 0.00	26.12 0.62 3.84	25.00 0.67 3.31	25.26 0.79 4.46	31.77 0.82 -1.18	38.62 0.88 -3.74	40.99 0.79 0.00	50.97 0.41 0.00	59.77 0.28 23.50	42.16 -0.37 38.89	45.51 -0.72 38.63	46.86 -0.31 1.78	38.84 0.19 0.00	37.00 0.48 0.00	35.70 0.69 0.00
LISF____SOLAR 323691	35.89 -0.07 2.69	4.67 0.09 27.81	25.49 -0.10 5.37	25.18 -0.23 7.11	25.39 -0.16 5.07	32.03 -0.14 2.67	31.98 0.06 0.00	38.34 0.12 0.00	33.36 0.00 0.00	30.22 0.18 0.00	26.15 0.62 3.81	25.02 0.66 3.28	25.29 0.79 4.43	31.86 0.83 -1.28	38.62 0.89 -3.75	41.02 0.82 0.00	51.02 0.46 0.00	59.95 0.42 23.46	42.34 -0.26 38.82	45.66 -0.64 38.56	46.96 -0.20 1.77	38.90 0.25 0.00	37.07 0.54 0.00	35.74 0.73 0.00
LITTLE FALLS____HYD 24013	40.57 1.92 0.00	33.98 1.58 0.00	32.39 1.44 0.00	34.02 1.51 0.00	32.11 1.49 0.00	36.61 1.76 0.00	33.68 1.75 0.00	40.35 2.13 0.00	34.38 1.01 0.00	30.28 0.25 0.00	29.43 0.09 0.00	27.67 0.03 0.00	28.96 0.03 0.00	29.84 0.08 0.00	34.12 0.13 0.00	40.48 0.28 0.00	51.31 0.75 0.00	85.79 2.80 0.00	85.16 3.73 0.00	88.90 4.04 0.00	51.41 2.47 0.00	40.68 2.04 0.00	38.40 1.87 0.00	36.78 1.77 0.00

LITTLRIV_115KV_TB1 356100	40.11 1.46 0.00	33.56 1.17 0.00	32.08 1.12 0.00	33.73 1.22 0.00	31.77 1.15 0.00	36.24 1.40 0.00	33.13 1.22 0.00	39.72 1.50 0.00	34.83 1.47 0.00	31.33 1.30 0.00	30.40 1.05 0.00	28.51 0.88 0.00	29.78 0.85 0.00	30.58 0.82 0.00	34.90 0.91 0.00	41.28 1.09 0.00	52.13 1.57 0.00	86.45 3.46 0.00	86.15 4.72 0.00	90.11 5.25 0.00	51.86 2.92 0.00	40.69 2.05 0.00	38.31 1.78 0.00	36.52 1.51 0.00
LI_NEWBRDGE___DRP 323616	39.12 0.46 0.00	32.83 0.45 0.00	31.22 0.27 0.00	32.68 0.17 0.00	30.82 0.20 0.00	35.13 0.29 0.00	32.34 0.42 0.00	38.73 0.51 0.00	33.75 0.38 0.00	30.58 0.54 0.00	30.24 0.90 0.00	28.53 0.89 0.00	29.95 1.02 0.00	41.70 1.08 -10.85	38.71 1.22 -3.49	41.46 1.26 0.00	51.59 1.03 0.00	58.86 1.22 25.35	39.88 0.40 41.95	43.54 0.35 41.67	47.30 0.27 1.92	39.23 0.58 0.00	37.30 0.77 0.00	35.98 0.97 0.00
LOCKPORT_115KV_TB60_63_64 80432	38.04 -0.61 0.00	32.07 -0.32 0.00	30.61 -0.35 0.00	32.21 -0.31 0.00	30.14 -0.48 0.00	34.20 -0.65 0.00	30.71 -1.21 0.00	36.36 -1.86 0.00	32.47 -0.89 0.00	29.72 -0.32 0.00	29.05 -0.29 0.00	27.59 -0.04 0.00	28.90 -0.03 0.00	29.70 -0.06 0.00	33.58 -0.41 0.00	39.67 -0.53 0.00	49.25 -1.31 0.00	80.02 -2.97 0.00	80.05 -1.37 0.00	83.10 -1.76 0.00	47.58 -1.36 0.00	37.31 -1.33 0.00	35.51 -1.02 0.00	34.24 -0.77 0.00
LOCKPORT___CC1 323769	38.01 -0.64 0.00	32.05 -0.34 0.00	30.59 -0.37 0.00	32.19 -0.32 0.00	30.12 -0.50 0.00	34.18 -0.67 0.00	30.70 -1.22 0.00	36.36 -1.86 0.00	32.49 -0.88 0.00	29.72 -0.31 0.00	29.05 -0.29 0.00	27.60 -0.03 0.00	28.90 -0.04 0.00	29.70 -0.06 0.00	33.58 -0.41 0.00	39.65 -0.55 0.00	49.22 -1.34 0.00	79.96 -3.03 0.00	80.00 -1.43 0.00	83.08 -1.78 0.00	47.55 -1.39 0.00	37.28 -1.37 0.00	35.47 -1.06 0.00	34.19 -0.81 0.00
LOCKPORT___CC2 323770	38.01 -0.64 0.00	32.05 -0.34 0.00	30.59 -0.37 0.00	32.19 -0.32 0.00	30.12 -0.50 0.00	34.18 -0.67 0.00	30.70 -1.22 0.00	36.36 -1.86 0.00	32.49 -0.88 0.00	29.72 -0.31 0.00	29.05 -0.29 0.00	27.60 -0.03 0.00	28.90 -0.04 0.00	29.70 -0.06 0.00	33.58 -0.41 0.00	39.65 -0.55 0.00	49.22 -1.34 0.00	79.96 -3.03 0.00	80.00 -1.43 0.00	83.08 -1.78 0.00	47.55 -1.39 0.00	37.28 -1.37 0.00	35.47 -1.06 0.00	34.19 -0.81 0.00
LOCKPORT___CC3 323771	38.01 -0.64 0.00	32.05 -0.34 0.00	30.59 -0.37 0.00	32.19 -0.32 0.00	30.12 -0.50 0.00	34.18 -0.67 0.00	30.70 -1.22 0.00	36.36 -1.86 0.00	32.49 -0.88 0.00	29.72 -0.31 0.00	29.05 -0.29 0.00	27.60 -0.03 0.00	28.90 -0.04 0.00	29.70 -0.06 0.00	33.58 -0.41 0.00	39.65 -0.55 0.00	49.22 -1.34 0.00	79.96 -3.03 0.00	80.00 -1.43 0.00	83.08 -1.78 0.00	47.55 -1.39 0.00	37.28 -1.37 0.00	35.47 -1.06 0.00	34.19 -0.81 0.00
LOCUSVLY_69_KV_BK2 55797	39.49 0.83 0.00	33.14 0.75 0.00	31.51 0.55 0.00	32.98 0.47 0.00	31.10 0.48 0.00	35.47 0.63 0.00	32.66 0.74 0.00	39.12 0.90 0.00	34.10 0.74 0.00	30.89 0.85 0.00	30.50 1.16 0.00	28.77 1.14 0.00	30.23 1.29 0.00	49.03 1.40 -17.87	41.39 1.63 -5.77	41.98 1.78 0.00	52.17 1.61 0.00	72.92 2.20 12.27	62.56 1.37 20.23	67.22 1.31 18.95	48.82 0.74 0.87	39.65 1.01 0.00	37.69 1.16 0.00	36.33 1.32 0.00
LONG_LAKE_PHOENIX 24014	38.14 -0.51 0.00	31.95 -0.44 0.00	30.52 -0.43 0.00	32.06 -0.45 0.00	30.15 -0.47 0.00	34.26 -0.59 0.00	31.36 -0.56 0.00	37.56 -0.65 0.00	32.77 -0.59 0.00	29.45 -0.58 0.00	28.75 -0.60 0.00	27.08 -0.55 0.00	28.35 -0.57 0.00	29.18 -0.58 0.00	33.33 -0.67 0.00	39.43 -0.77 0.00	49.65 -0.91 0.00	81.74 -1.25 0.00	80.44 -0.99 0.00	83.75 -1.11 0.00	48.21 -0.73 0.00	38.03 -0.62 0.00	35.95 -0.58 0.00	34.47 -0.54 0.00
LOVETT___3 23632	39.23 0.57 0.00	32.93 0.54 0.00	31.34 0.37 0.00	32.83 0.31 0.00	30.97 0.35 0.00	35.31 0.46 0.00	32.49 0.57 0.00	38.94 0.72 0.00	33.93 0.57 0.00	30.63 0.60 0.00	30.10 0.76 0.00	28.36 0.73 0.00	29.76 0.83 0.00	30.78 0.94 -0.08	35.13 1.13 0.00	41.55 1.36 0.00	51.96 1.40 0.00	85.07 2.08 0.00	82.77 1.34 0.00	86.13 1.27 0.00	49.57 0.62 0.00	39.36 0.71 0.00	37.38 0.86 0.00	35.99 0.99 0.00
LOVETT___4 23642	39.23 0.57 0.00	32.93 0.54 0.00	31.34 0.37 0.00	32.83 0.31 0.00	30.97 0.35 0.00	35.31 0.46 0.00	32.49 0.57 0.00	38.94 0.72 0.00	33.93 0.57 0.00	30.63 0.60 0.00	30.10 0.76 0.00	28.36 0.73 0.00	29.76 0.83 0.00	30.78 0.94 -0.08	35.13 1.13 0.00	41.55 1.36 0.00	51.96 1.40 0.00	85.07 2.08 0.00	82.77 1.34 0.00	86.13 1.27 0.00	49.57 0.62 0.00	39.36 0.71 0.00	37.38 0.86 0.00	35.99 0.99 0.00
LOVETT___5 23593	39.23 0.57 0.00	32.93 0.54 0.00	31.34 0.37 0.00	32.83 0.31 0.00	30.97 0.35 0.00	35.31 0.46 0.00	32.49 0.57 0.00	38.94 0.72 0.00	33.93 0.57 0.00	30.63 0.60 0.00	30.10 0.76 0.00	28.36 0.73 0.00	29.76 0.83 0.00	30.78 0.94 -0.08	35.13 1.13 0.00	41.55 1.36 0.00	51.96 1.40 0.00	85.07 2.08 0.00	82.77 1.34 0.00	86.13 1.27 0.00	49.57 0.62 0.00	39.36 0.71 0.00	37.38 0.86 0.00	35.99 0.99 0.00
LOWER RAQUET___HYD 24057	39.64 0.98 0.00	33.16 0.77 0.00	31.71 0.75 0.00	33.34 0.83 0.00	31.40 0.78 0.00	35.83 0.98 0.00	32.78 0.86 0.00	39.28 1.06 0.00	34.49 1.13 0.00	31.10 1.07 0.00	30.24 0.90 0.00	28.43 0.79 0.00	29.69 0.76 0.00	30.49 0.73 0.00	34.80 0.80 0.00	41.13 0.93 0.00	51.94 1.38 0.00	85.87 2.88 0.00	85.11 3.69 0.00	88.93 4.07 0.00	51.18 2.24 0.00	40.18 1.53 0.00	37.86 1.33 0.00	36.10 1.09 0.00
LOWER___HUDSON 24059	39.25 0.59 0.00	32.85 0.46 0.00	31.40 0.44 0.00	32.93 0.41 0.00	31.08 0.46 0.00	35.42 0.58 0.00	32.55 0.63 0.00	39.03 0.81 0.00	33.79 0.43 0.00	30.28 0.25 0.00	29.57 0.23 0.00	27.74 0.11 0.00	29.03 0.10 0.00	29.81 0.12 0.07	34.18 0.18 0.00	40.44 0.25 0.00	51.02 0.46 0.00	83.85 0.86 0.00	81.69 0.27 0.00	85.32 0.46 0.00	49.47 0.53 0.00	39.14 0.50 0.00	36.98 0.45 0.00	35.52 0.51 0.00
LOWVILLE_115KV_TB2 356335	39.33 0.67 0.00	32.88 0.49 0.00	31.51 0.55 0.00	33.14 0.62 0.00	31.12 0.50 0.00	35.67 0.82 0.00	32.73 0.81 0.00	39.41 1.19 0.00	34.27 0.91 0.00	30.60 0.56 0.00	29.71 0.37 0.00	27.93 0.30 0.00	29.15 0.22 0.00	29.88 0.12 0.00	33.97 -0.03 0.00	40.14 -0.06 0.00	51.13 0.58 0.00	85.66 2.67 0.00	85.20 3.78 0.00	88.63 3.77 0.00	50.63 1.68 0.00	39.69 1.04 0.00	37.71 1.18 0.00	36.14 1.13 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	39.75 1.09 0.00	33.29 0.90 0.00	31.79 0.83 0.00	33.36 0.85 0.00	31.47 0.85 0.00	35.92 1.08 0.00	32.96 1.04 0.00	39.50 1.28 0.00	34.19 0.82 0.00	30.55 0.52 0.00	29.75 0.41 0.00	27.91 0.28 0.00	29.23 0.30 0.00	30.04 0.33 0.05	34.47 0.48 0.00	40.90 0.70 0.00	51.79 1.23 0.00	85.42 2.43 0.00	83.45 2.02 0.00	87.00 2.14 0.00	50.37 1.43 0.00	39.80 1.15 0.00	37.58 1.05 0.00	36.02 1.02 0.00

LUTHERNY_35_KV_BK2 355980	39.77 1.11 0.00	33.34 0.95 0.00	31.79 0.84 0.00	33.36 0.84 0.00	31.46 0.84 0.00	35.97 1.12 0.00	32.98 1.06 0.00	39.52 1.30 0.00	34.21 0.84 0.00	30.58 0.55 0.00	29.76 0.42 0.00	27.91 0.28 0.00	29.24 0.31 0.00	30.02 0.31 0.05	34.46 0.47 0.00	40.92 0.72 0.00	51.82 1.27 0.00	85.54 2.55 0.00	83.52 2.09 0.00	87.04 2.18 0.00	50.39 1.44 0.00	39.79 1.15 0.00	37.59 1.06 0.00	36.02 1.01 0.00
LWR___OSWEGATCHIE_HYD 23850	39.49 0.84 0.00	33.03 0.64 0.00	31.61 0.65 0.00	33.24 0.72 0.00	31.24 0.63 0.00	35.74 0.89 0.00	32.75 0.83 0.00	39.34 1.12 0.00	34.39 1.02 0.00	30.83 0.80 0.00	29.94 0.60 0.00	28.15 0.52 0.00	29.37 0.44 0.00	30.13 0.37 0.00	34.32 0.32 0.00	40.48 0.29 0.00	51.35 0.79 0.00	85.57 2.57 0.00	85.07 3.65 0.00	88.76 3.90 0.00	50.89 1.95 0.00	39.97 1.33 0.00	37.80 1.28 0.00	36.14 1.13 0.00
LYONS_FALL_HYD 23570	39.35 0.70 0.00	32.92 0.53 0.00	31.51 0.55 0.00	33.12 0.60 0.00	31.14 0.52 0.00	35.60 0.75 0.00	32.65 0.73 0.00	39.27 1.05 0.00	34.15 0.78 0.00	30.53 0.49 0.00	29.68 0.34 0.00	27.91 0.28 0.00	29.16 0.23 0.00	29.94 0.17 0.00	34.10 0.11 0.00	40.35 0.15 0.00	51.22 0.66 0.00	85.37 2.38 0.00	84.55 3.12 0.00	87.97 3.11 0.00	50.39 1.45 0.00	39.59 0.95 0.00	37.53 1.01 0.00	35.95 0.95 0.00
MADISON___COUNTY_LFGE 323628	39.53 0.87 0.00	33.08 0.69 0.00	31.62 0.66 0.00	33.24 0.72 0.00	31.27 0.65 0.00	35.63 0.78 0.00	32.64 0.71 0.00	39.17 0.95 0.00	34.04 0.67 0.00	30.41 0.37 0.00	29.62 0.28 0.00	27.88 0.24 0.00	29.18 0.25 0.00	30.03 0.27 0.00	34.30 0.31 0.00	40.67 0.47 0.00	51.41 0.85 0.00	85.22 2.23 0.00	84.07 2.65 0.00	87.49 2.63 0.00	50.28 1.34 0.00	39.59 0.95 0.00	37.41 0.88 0.00	35.78 0.78 0.00
MALONE___115KV_TB1 356076	39.53 0.88 0.00	33.01 0.62 0.00	31.48 0.53 0.00	33.16 0.64 0.00	31.26 0.64 0.00	35.77 0.93 0.00	32.89 0.97 0.00	39.40 1.18 0.00	34.79 1.43 0.00	31.42 1.39 0.00	30.57 1.22 0.00	28.77 1.13 0.00	30.02 1.09 0.00	30.86 1.10 0.00	35.29 1.30 0.00	41.81 1.62 0.00	52.91 2.35 0.00	87.47 4.48 0.00	86.28 4.86 0.00	90.26 5.40 0.00	51.93 2.99 0.00	40.75 2.11 0.00	38.29 1.76 0.00	36.34 1.33 0.00
MAPLEWOD_115KV_TB3 80458	39.03 0.37 0.00	32.68 0.29 0.00	31.25 0.29 0.00	32.76 0.24 0.00	30.94 0.32 0.00	35.19 0.35 0.00	32.38 0.46 0.00	38.82 0.60 0.00	33.66 0.29 0.00	30.17 0.13 0.00	29.50 0.15 0.00	27.71 0.08 0.00	29.00 0.07 0.00	29.79 0.09 0.05	34.10 0.11 0.00	40.30 0.10 0.00	50.76 0.20 0.00	83.36 0.37 0.00	81.28 -0.15 0.00	84.84 -0.02 0.00	49.13 0.19 0.00	38.91 0.26 0.00	36.76 0.23 0.00	35.31 0.30 0.00
MAPLE_RIDGE_WT_1 323574	38.17 -0.48 0.00	32.08 -0.31 0.00	30.75 -0.21 0.00	32.35 -0.17 0.00	30.41 -0.20 0.00	34.67 -0.17 0.00	31.84 -0.08 0.00	38.15 -0.07 0.00	33.37 0.00 0.00	30.12 0.08 0.00	29.46 0.12 0.00	27.74 0.11 0.00	29.03 0.10 0.00	29.85 0.09 0.00	34.07 0.08 0.00	40.25 0.06 0.00	50.66 0.10 0.00	83.25 0.26 0.00	81.75 0.32 0.00	85.04 0.18 0.00	48.95 0.01 0.00	38.59 -0.06 0.00	36.54 0.02 0.00	35.01 0.00 0.00
MAPLE_RIDGE_WT_2 323611	38.17 -0.48 0.00	32.08 -0.31 0.00	30.75 -0.21 0.00	32.35 -0.17 0.00	30.41 -0.20 0.00	34.67 -0.17 0.00	31.84 -0.08 0.00	38.15 -0.07 0.00	33.37 0.00 0.00	30.12 0.08 0.00	29.46 0.12 0.00	27.74 0.11 0.00	29.03 0.10 0.00	29.85 0.09 0.00	34.07 0.08 0.00	40.25 0.06 0.00	50.66 0.10 0.00	83.25 0.26 0.00	81.75 0.32 0.00	85.04 0.18 0.00	48.95 0.01 0.00	38.59 -0.06 0.00	36.54 0.02 0.00	35.01 0.00 0.00
MARBLE_RIVER_WT_PWR 323696	38.82 0.17 0.00	32.32 -0.06 0.00	30.69 -0.27 0.00	32.40 -0.11 0.00	30.69 0.06 0.00	35.33 0.48 0.00	32.66 0.74 0.00	39.12 0.90 0.00	34.62 1.25 0.00	31.38 1.34 0.00	30.70 1.36 0.00	28.94 1.31 0.00	30.20 1.27 0.00	31.06 1.30 0.00	35.58 1.59 0.00	42.32 2.13 0.00	53.82 3.27 0.00	88.95 5.96 0.00	86.87 5.44 0.00	90.95 6.09 0.00	52.31 3.37 0.00	41.07 2.42 0.00	38.55 2.02 0.00	36.44 1.43 0.00
MARSHVLE_115KV_TB1 80742	38.99 0.33 0.00	32.68 0.29 0.00	31.20 0.25 0.00	32.75 0.24 0.00	30.86 0.24 0.00	35.16 0.32 0.00	32.26 0.33 0.00	38.61 0.39 0.00	33.30 -0.07 0.00	29.73 -0.31 0.00	29.01 -0.34 0.00	27.34 -0.30 0.00	28.68 -0.25 0.00	29.49 -0.25 0.03	33.73 -0.27 0.00	39.97 -0.22 0.00	50.50 -0.05 0.00	83.92 0.93 0.00	83.24 1.81 0.00	86.82 1.96 0.00	49.90 0.96 0.00	39.29 0.64 0.00	37.12 0.59 0.00	35.49 0.48 0.00
MARSH_HILL_WT_PWR 323713	38.59 -0.07 0.00	32.41 0.02 0.00	30.94 -0.02 0.00	32.62 0.10 0.00	30.54 -0.09 0.00	34.75 -0.10 0.00	31.46 -0.46 0.00	37.41 -0.81 0.00	32.84 -0.53 0.00	29.69 -0.35 0.00	28.93 -0.42 0.00	27.47 -0.17 0.00	28.73 -0.20 0.00	29.51 -0.25 0.00	33.57 -0.42 0.00	39.77 -0.43 0.00	49.96 -0.60 0.00	82.15 -0.84 0.00	82.52 1.09 0.00	85.85 0.99 0.00	49.03 0.08 0.00	38.18 -0.47 0.00	36.08 -0.45 0.00	34.31 -0.69 0.00
MCINTYRE_115KV_TB2 80467	40.28 1.62 0.00	33.71 1.32 0.00	32.23 1.27 0.00	33.88 1.37 0.00	31.91 1.29 0.00	36.38 1.54 0.00	33.25 1.33 0.00	39.86 1.64 0.00	34.93 1.56 0.00	31.39 1.36 0.00	30.45 1.11 0.00	28.54 0.91 0.00	29.82 0.89 0.00	30.62 0.86 0.00	34.97 0.97 0.00	41.34 1.15 0.00	52.14 1.59 0.00	86.44 3.45 0.00	86.37 4.95 0.00	90.43 5.56 0.00	52.06 3.11 0.00	40.84 2.19 0.00	38.44 1.91 0.00	36.64 1.63 0.00
MECO_____69_KV_BK1 80468	39.74 1.09 0.00	33.28 0.88 0.00	31.76 0.81 0.00	33.31 0.80 0.00	31.43 0.81 0.00	35.82 0.97 0.00	32.90 0.98 0.00	39.43 1.22 0.00	33.79 0.42 0.00	29.80 -0.24 0.00	28.95 -0.40 0.00	27.22 -0.41 0.00	28.53 -0.40 0.00	29.34 -0.39 0.03	33.58 -0.42 0.00	39.81 -0.39 0.00	50.56 0.00 0.00	84.76 1.77 0.00	84.64 3.22 0.00	88.40 3.54 0.00	50.88 1.94 0.00	40.07 1.42 0.00	37.81 1.28 0.00	36.14 1.13 0.00
MENANDS___115KV_TB5 355628	38.79 0.13 0.00	32.49 0.10 0.00	31.08 0.12 0.00	32.58 0.06 0.00	30.77 0.15 0.00	34.99 0.14 0.00	32.21 0.29 0.00	38.61 0.39 0.00	33.48 0.11 0.00	30.03 0.00 0.00	29.39 0.04 0.00	27.60 -0.03 0.00	28.89 -0.04 0.00	29.67 -0.03 0.05	33.95 -0.05 0.00	40.09 -0.11 0.00	50.42 -0.14 0.00	82.71 -0.29 0.00	80.55 -0.87 0.00	84.10 -0.76 0.00	48.73 -0.21 0.00	38.60 -0.05 0.00	36.48 -0.05 0.00	35.05 0.05 0.00
MG INDUSTRY___DRP 24185	38.97 0.32 0.00	32.64 0.25 0.00	31.23 0.27 0.00	32.77 0.26 0.00	30.92 0.30 0.00	35.17 0.33 0.00	32.32 0.40 0.00	38.71 0.49 0.00	33.55 0.19 0.00	30.01 -0.03 0.00	29.31 -0.04 0.00	27.55 -0.09 0.00	28.81 -0.12 0.00	29.58 -0.15 0.03	33.72 -0.27 0.00	39.31 -0.89 0.00	49.24 -1.31 0.00	81.01 -1.98 0.00	78.99 -2.43 0.00	82.41 -2.45 0.00	47.74 -1.21 0.00	37.85 -0.79 0.00	35.77 -0.76 0.00	34.36 -0.65 0.00

MID___OSWEGATCHIE_HYD 23849	39.49 0.84 0.00	33.03 0.64 0.00	31.61 0.65 0.00	33.24 0.72 0.00	31.24 0.63 0.00	35.74 0.89 0.00	32.75 0.83 0.00	39.34 1.12 0.00	34.39 1.02 0.00	30.83 0.80 0.00	29.94 0.60 0.00	28.15 0.52 0.00	29.37 0.44 0.00	30.13 0.37 0.00	34.32 0.32 0.00	40.48 0.29 0.00	51.35 0.79 0.00	85.57 2.57 0.00	85.07 3.65 0.00	88.76 3.90 0.00	50.89 1.95 0.00	39.97 1.33 0.00	37.80 1.28 0.00	36.14 1.13 0.00
MID___RAQUETTE_HYD 23851	39.64 0.98 0.00	33.16 0.77 0.00	31.71 0.75 0.00	33.34 0.83 0.00	31.40 0.78 0.00	35.82 0.98 0.00	32.78 0.86 0.00	39.28 1.06 0.00	34.49 1.13 0.00	31.10 1.07 0.00	30.24 0.90 0.00	28.43 0.79 0.00	29.69 0.77 0.00	30.49 0.73 0.00	34.80 0.80 0.00	41.13 0.93 0.00	51.94 1.38 0.00	85.87 2.88 0.00	85.11 3.69 0.00	88.93 4.07 0.00	51.18 2.24 0.00	40.18 1.53 0.00	37.86 1.33 0.00	36.10 1.09 0.00
MILLIKEN___1 23584	39.12 0.46 0.00	32.81 0.42 0.00	31.29 0.33 0.00	32.92 0.40 0.00	30.92 0.30 0.00	35.25 0.41 0.00	32.26 0.34 0.00	38.61 0.39 0.00	33.63 0.27 0.00	30.10 0.06 0.00	29.25 -0.10 0.00	27.60 -0.04 0.00	28.89 -0.04 0.00	29.73 -0.04 0.00	33.97 -0.03 0.00	40.24 0.04 0.00	50.86 0.30 0.00	84.00 1.01 0.00	83.09 1.67 0.00	86.47 1.60 0.00	49.78 0.84 0.00	39.19 0.55 0.00	37.03 0.50 0.00	35.44 0.43 0.00
MILLIKEN___2 23585	39.12 0.46 0.00	32.81 0.42 0.00	31.29 0.33 0.00	32.92 0.40 0.00	30.92 0.30 0.00	35.25 0.41 0.00	32.26 0.34 0.00	38.61 0.39 0.00	33.63 0.27 0.00	30.10 0.06 0.00	29.25 -0.10 0.00	27.60 -0.04 0.00	28.89 -0.04 0.00	29.73 -0.04 0.00	33.97 -0.03 0.00	40.24 0.04 0.00	50.86 0.30 0.00	84.00 1.01 0.00	83.09 1.67 0.00	86.47 1.60 0.00	49.78 0.84 0.00	39.19 0.55 0.00	37.03 0.50 0.00	35.44 0.43 0.00
MILLIKEN___DIESEL 23629	39.12 0.46 0.00	32.81 0.42 0.00	31.29 0.33 0.00	32.92 0.40 0.00	30.92 0.30 0.00	35.25 0.41 0.00	32.26 0.34 0.00	38.61 0.39 0.00	33.63 0.27 0.00	30.10 0.06 0.00	29.25 -0.10 0.00	27.60 -0.04 0.00	28.89 -0.04 0.00	29.73 -0.04 0.00	33.97 -0.03 0.00	40.24 0.04 0.00	50.86 0.30 0.00	84.00 1.01 0.00	83.09 1.67 0.00	86.47 1.60 0.00	49.78 0.84 0.00	39.19 0.55 0.00	37.03 0.50 0.00	35.44 0.43 0.00
MILLSEAT___LFGE 323607	38.67 0.02 0.00	32.56 0.17 0.00	31.06 0.10 0.00	32.66 0.14 0.00	30.59 -0.03 0.00	34.74 -0.10 0.00	31.30 -0.62 0.00	37.15 -1.07 0.00	33.04 -0.33 0.00	30.02 -0.01 0.00	29.25 -0.09 0.00	27.73 0.10 0.00	29.04 0.11 0.00	29.86 0.10 0.00	33.84 -0.15 0.00	40.00 -0.20 0.00	49.86 -0.70 0.00	81.63 -1.37 0.00	81.98 0.55 0.00	85.15 0.29 0.00	48.73 -0.21 0.00	38.18 -0.47 0.00	36.24 -0.29 0.00	34.85 -0.16 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	39.31 0.66 0.00	33.00 0.61 0.00	31.41 0.45 0.00	32.90 0.39 0.00	31.05 0.43 0.00	35.41 0.57 0.00	32.60 0.68 0.00	39.07 0.85 0.00	34.02 0.66 0.00	30.71 0.67 0.00	30.17 0.83 0.00	28.42 0.79 0.00	29.82 0.89 0.00	30.85 1.01 -0.08	35.20 1.21 0.00	41.63 1.43 0.00	52.01 1.46 0.00	85.14 2.14 0.00	82.84 1.41 0.00	86.24 1.38 0.00	49.66 0.71 0.00	39.43 0.79 0.00	37.46 0.93 0.00	36.06 1.05 0.00
MILLWOOD_13_KV_LOAD 356217	39.39 0.74 0.00	33.07 0.68 0.00	31.47 0.51 0.00	32.97 0.45 0.00	31.10 0.49 0.00	35.48 0.63 0.00	32.67 0.75 0.00	39.15 0.93 0.00	34.09 0.73 0.00	30.77 0.74 0.00	30.23 0.89 0.00	28.47 0.84 0.00	29.87 0.94 0.00	30.91 1.07 -0.08	35.28 1.28 0.00	41.72 1.52 0.00	52.15 1.60 0.00	85.36 2.36 0.00	83.06 1.63 0.00	86.49 1.63 0.00	49.79 0.85 0.00	39.53 0.88 0.00	37.55 1.02 0.00	36.13 1.12 0.00
MODEL_CITY_ENERGY 24167	37.74 -0.92 0.00	31.83 -0.56 0.00	30.39 -0.57 0.00	31.97 -0.55 0.00	29.92 -0.70 0.00	33.95 -0.90 0.00	30.48 -1.45 0.00	36.01 -2.21 0.00	32.20 -1.16 0.00	29.50 -0.53 0.00	28.89 -0.46 0.00	27.45 -0.19 0.00	28.72 -0.21 0.00	29.52 -0.24 0.00	33.37 -0.62 0.00	39.39 -0.80 0.00	48.84 -1.72 0.00	79.25 -3.74 0.00	79.25 -2.18 0.00	82.19 -2.67 0.00	47.07 -1.88 0.00	36.96 -1.68 0.00	35.20 -1.33 0.00	33.98 -1.03 0.00
MODERN_LFGE___ 323580	37.74 -0.92 0.00	31.83 -0.56 0.00	30.39 -0.57 0.00	31.97 -0.55 0.00	29.92 -0.70 0.00	33.95 -0.90 0.00	30.48 -1.45 0.00	36.01 -2.21 0.00	32.20 -1.16 0.00	29.50 -0.53 0.00	28.89 -0.46 0.00	27.45 -0.19 0.00	28.72 -0.21 0.00	29.52 -0.24 0.00	33.37 -0.62 0.00	39.39 -0.80 0.00	48.84 -1.72 0.00	79.25 -3.74 0.00	79.25 -2.18 0.00	82.19 -2.67 0.00	47.07 -1.88 0.00	36.96 -1.68 0.00	35.20 -1.33 0.00	33.98 -1.03 0.00
MOHAWK_PAPER___DRP 24187	39.03 0.37 0.00	32.68 0.29 0.00	31.25 0.29 0.00	32.76 0.24 0.00	30.94 0.32 0.00	35.19 0.35 0.00	32.38 0.46 0.00	38.82 0.60 0.00	33.66 0.29 0.00	30.17 0.13 0.00	29.50 0.15 0.00	27.71 0.08 0.00	29.00 0.07 0.00	29.79 0.09 0.05	34.10 0.11 0.00	40.30 0.10 0.00	50.76 0.20 0.00	83.36 0.37 0.00	81.28 -0.15 0.00	84.84 -0.02 0.00	49.13 0.19 0.00	38.91 0.26 0.00	36.76 0.23 0.00	35.31 0.30 0.00
MOHICAN___35_KV_115KV_LD 80490	39.92 1.26 0.00	33.42 1.03 0.00	31.95 0.99 0.00	33.54 1.02 0.00	31.65 1.03 0.00	36.16 1.31 0.00	33.21 1.29 0.00	39.77 1.55 0.00	34.29 0.92 0.00	30.55 0.52 0.00	29.65 0.31 0.00	27.81 0.17 0.00	29.08 0.15 0.00	29.93 0.22 0.05	34.36 0.36 0.00	40.86 0.66 0.00	52.03 1.48 0.00	86.14 3.15 0.00	84.13 2.71 0.00	87.68 2.82 0.00	50.92 1.98 0.00	40.17 1.52 0.00	37.89 1.36 0.00	36.20 1.20 0.00
MONGAUP___HYD 23641	39.54 0.89 0.00	33.15 0.76 0.00	31.57 0.61 0.00	33.07 0.56 0.00	31.22 0.60 0.00	35.59 0.74 0.00	32.75 0.83 0.00	39.27 1.05 0.00	34.06 0.70 0.00	30.50 0.47 0.00	29.78 0.44 0.00	28.03 0.39 0.00	29.39 0.46 0.00	30.37 0.53 -0.07	34.66 0.67 0.00	41.06 0.86 0.00	51.60 1.04 0.00	85.11 2.12 0.00	83.55 2.12 0.00	87.11 2.25 0.00	50.18 1.24 0.00	39.76 1.11 0.00	37.68 1.15 0.00	36.18 1.17 0.00
MONTAUK___DIESEL 23721	35.09 -0.86 2.71	3.90 -0.51 27.98	24.90 -0.65 5.40	24.63 -0.73 7.16	25.05 -0.47 5.10	32.19 0.04 2.69	32.44 0.52 0.00	39.06 0.85 0.00	34.00 0.64 0.00	30.94 0.90 0.00	26.95 1.44 3.83	25.81 1.48 3.30	26.14 1.66 4.45	32.69 1.72 -1.20	39.55 1.81 -3.74	42.12 1.92 0.00	52.51 1.96 0.00	62.24 2.73 23.49	44.27 1.71 38.87	47.12 0.87 38.61	47.95 0.78 1.78	39.88 1.23 0.00	38.00 1.47 0.00	36.59 1.59 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	38.70 0.04 0.00	32.47 0.08 0.00	30.82 -0.13 0.00	32.49 -0.03 0.00	30.36 -0.26 0.00	34.70 -0.15 0.00	31.43 -0.49 0.00	37.53 -0.69 0.00	33.45 0.09 0.00	30.53 0.50 0.00	29.77 0.43 0.00	28.35 0.71 0.00	29.68 0.75 0.00	30.45 0.69 0.00	34.51 0.52 0.00	41.05 0.85 0.00	51.28 0.73 0.00	83.17 0.18 0.00	83.23 1.81 0.00	86.41 1.54 0.00	49.46 0.52 0.00	38.59 -0.06 0.00	36.64 0.11 0.00	34.99 -0.01 0.00

MORRIS_RIDGE___SOLAR 323848	38.20 -0.45 0.00	32.17 -0.22 0.00	30.71 -0.24 0.00	32.39 -0.12 0.00	30.35 -0.27 0.00	34.56 -0.29 0.00	31.25 -0.67 0.00	37.19 -1.03 0.00	32.70 -0.67 0.00	29.55 -0.48 0.00	28.71 -0.64 0.00	27.27 -0.36 0.00	28.51 -0.41 0.00	29.28 -0.48 0.00	33.28 -0.72 0.00	39.41 -0.78 0.00	49.39 -1.17 0.00	81.10 -1.89 0.00	81.40 -0.02 0.00	84.62 -0.24 0.00	48.45 -0.50 0.00	37.84 -0.81 0.00	35.86 -0.67 0.00	34.37 -0.63 0.00
MORTIMER_115KV_TB3 55949	38.62 -0.04 0.00	32.41 0.02 0.00	30.94 -0.02 0.00	32.51 -0.01 0.00	30.50 -0.12 0.00	34.66 -0.18 0.00	31.53 -0.39 0.00	37.63 -0.59 0.00	33.16 -0.21 0.00	29.99 -0.05 0.00	29.28 -0.07 0.00	27.72 0.09 0.00	29.07 0.14 0.00	29.92 0.16 0.00	34.08 0.09 0.00	40.23 0.04 0.00	50.46 -0.10 0.00	82.78 -0.21 0.00	81.97 0.54 0.00	85.22 0.36 0.00	48.85 -0.10 0.00	38.35 -0.30 0.00	36.28 -0.25 0.00	34.80 -0.21 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	39.50 0.85 0.00	33.19 0.80 0.00	31.58 0.63 0.00	33.08 0.56 0.00	31.21 0.60 0.00	35.59 0.74 0.00	32.79 0.87 0.00	39.29 1.07 0.00	34.25 0.89 0.00	30.94 0.90 0.00	30.43 1.08 0.00	28.67 1.03 0.00	30.10 1.17 0.00	31.14 1.29 -0.08	35.53 1.54 0.00	41.97 1.78 0.00	52.36 1.80 0.00	85.66 2.67 0.00	83.32 1.89 0.00	86.72 1.85 0.00	49.91 0.97 0.00	39.67 1.02 0.00	37.72 1.19 0.00	36.30 1.30 0.00
MUNSVILLE_WIND_PWR 323609	40.63 1.97 0.00	34.06 1.67 0.00	32.50 1.54 0.00	34.24 1.72 0.00	32.20 1.57 0.00	36.78 1.93 0.00	33.67 1.75 0.00	40.42 2.20 0.00	35.08 1.71 0.00	31.15 1.11 0.00	30.13 0.79 0.00	28.34 0.71 0.00	29.67 0.74 0.00	30.56 0.78 -0.01	34.90 0.90 0.00	41.63 1.43 0.00	52.90 2.35 0.00	88.01 5.01 0.00	87.48 6.05 0.00	91.12 6.25 0.00	52.32 3.37 0.00	41.12 2.48 0.00	38.80 2.27 0.00	37.07 2.06 0.00
N SALMON___HYD 24042	39.53 0.88 0.00	33.01 0.61 0.00	31.49 0.53 0.00	33.16 0.64 0.00	31.26 0.64 0.00	35.77 0.93 0.00	32.89 0.97 0.00	39.40 1.18 0.00	34.79 1.43 0.00	31.42 1.39 0.00	30.57 1.22 0.00	28.76 1.13 0.00	30.02 1.09 0.00	30.86 1.10 0.00	35.29 1.30 0.00	41.81 1.62 0.00	52.91 2.35 0.00	87.47 4.48 0.00	86.28 4.86 0.00	90.27 5.41 0.00	51.94 2.99 0.00	40.75 2.11 0.00	38.29 1.75 0.00	36.34 1.33 0.00
N.AKRON__115KV_KNAPP 355671	38.53 -0.13 0.00	32.44 0.05 0.00	30.96 0.00 0.00	32.57 0.05 0.00	30.49 -0.13 0.00	34.62 -0.23 0.00	31.14 -0.78 0.00	36.94 -1.28 0.00	32.90 -0.47 0.00	29.98 -0.05 0.00	29.24 -0.10 0.00	27.74 0.11 0.00	29.05 0.12 0.00	29.86 0.10 0.00	33.81 -0.18 0.00	39.96 -0.23 0.00	49.75 -0.80 0.00	81.22 -1.77 0.00	81.44 0.02 0.00	84.59 -0.27 0.00	48.41 -0.53 0.00	37.94 -0.71 0.00	36.05 -0.48 0.00	34.71 -0.30 0.00
N.E_GEN_SANDY PD 24062	39.02 0.37 0.00	32.65 0.26 0.00	31.18 0.22 0.00	32.69 0.17 0.00	30.85 0.23 0.00	35.17 0.33 0.01	32.80 0.45 -0.43	38.93 0.59 -0.12	33.53 0.25 0.08	30.21 0.17 0.00	29.61 0.26 0.00	27.79 0.15 0.00	29.09 0.16 0.00	29.54 0.18 0.40	34.25 0.26 0.00	40.49 0.29 0.00	50.85 0.29 0.00	83.27 0.28 0.00	80.89 -0.53 0.00	106.31 -0.38 -21.83	51.26 0.09 -2.23	38.79 0.23 0.09	36.76 0.23 0.00	34.23 0.36 1.14
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	39.28 0.63 0.00	32.97 0.58 0.00	31.37 0.41 0.00	32.87 0.35 0.00	31.01 0.39 0.00	35.38 0.53 0.00	32.56 0.64 0.00	39.03 0.81 0.00	33.99 0.62 0.00	30.66 0.63 0.00	30.13 0.79 0.00	28.40 0.76 0.00	29.80 0.87 0.00	30.82 0.99 -0.08	35.19 1.19 0.00	41.64 1.45 0.00	52.10 1.54 0.00	85.29 2.30 0.00	82.97 1.54 0.00	86.34 1.48 0.00	49.66 0.72 0.00	39.43 0.78 0.00	37.45 0.91 0.00	36.06 1.05 0.00
N.QUEENS_27_KV_LOAD 356247	39.75 1.09 0.00	33.47 1.08 0.00	31.82 0.86 0.00	33.32 0.81 0.00	31.43 0.81 0.00	35.86 1.01 0.00	33.04 1.11 -0.01	39.59 1.37 0.00	34.52 1.15 -0.01	31.12 1.08 -0.01	30.62 1.27 0.00	28.85 1.22 0.00	30.29 1.36 0.00	31.35 1.50 -0.08	35.78 1.78 0.00	42.19 2.00 0.00	52.60 2.04 0.00	86.11 3.11 0.00	83.77 2.35 0.00	87.16 2.29 0.00	50.15 1.21 0.00	39.87 1.22 0.00	38.00 1.47 0.00	36.56 1.55 0.00
N.TROY___115KV_TB1 355778	39.25 0.59 0.00	32.85 0.46 0.00	31.40 0.44 0.00	32.93 0.41 0.00	31.08 0.46 0.00	35.42 0.58 0.00	32.55 0.63 0.00	39.03 0.81 0.00	33.79 0.43 0.00	30.28 0.25 0.00	29.57 0.23 0.00	27.74 0.11 0.00	29.03 0.10 0.00	29.81 0.12 0.07	34.18 0.18 0.00	40.44 0.24 0.00	51.02 0.46 0.00	83.85 0.86 0.00	81.70 0.27 0.00	85.32 0.45 0.00	49.47 0.53 0.00	39.14 0.50 0.00	36.98 0.45 0.00	35.52 0.51 0.00
NARROWS_GT1_1 24228	39.64 0.99 0.00	33.32 0.93 0.00	31.67 0.71 0.00	33.17 0.65 0.00	31.30 0.68 0.00	35.70 0.86 0.00	32.89 0.97 -0.01	39.39 1.17 0.00	34.38 1.01 -0.01	31.05 1.01 -0.01	30.55 1.20 0.00	28.78 1.14 0.00	30.22 1.29 0.00	31.26 1.42 -0.08	35.67 1.67 0.00	42.08 1.88 0.00	52.43 1.88 0.00	85.94 2.95 0.00	83.62 2.19 0.00	87.01 2.15 0.00	50.02 1.08 0.00	39.79 1.15 0.00	37.86 1.33 0.00	36.49 1.48 0.00
NARROWS_GT1_2 24229	39.64 0.99 0.00	33.32 0.93 0.00	31.67 0.71 0.00	33.17 0.65 0.00	31.30 0.68 0.00	35.70 0.86 0.00	32.89 0.97 -0.01	39.39 1.17 0.00	34.38 1.01 -0.01	31.05 1.01 -0.01	30.55 1.20 0.00	28.78 1.14 0.00	30.22 1.29 0.00	31.26 1.42 -0.08	35.67 1.67 0.00	42.08 1.88 0.00	52.43 1.88 0.00	85.94 2.95 0.00	83.62 2.19 0.00	87.01 2.15 0.00	50.02 1.08 0.00	39.79 1.15 0.00	37.86 1.33 0.00	36.49 1.48 0.00
NARROWS_GT1_3 24230	39.64 0.99 0.00	33.32 0.93 0.00	31.67 0.71 0.00	33.17 0.65 0.00	31.30 0.68 0.00	35.70 0.86 0.00	32.89 0.97 -0.01	39.39 1.17 0.00	34.38 1.01 -0.01	31.05 1.01 -0.01	30.55 1.20 0.00	28.78 1.14 0.00	30.22 1.29 0.00	31.26 1.42 -0.08	35.67 1.67 0.00	42.08 1.88 0.00	52.43 1.88 0.00	85.94 2.95 0.00	83.62 2.19 0.00	87.01 2.15 0.00	50.02 1.08 0.00	39.79 1.15 0.00	37.86 1.33 0.00	36.49 1.48 0.00
NARROWS_GT1_4 24231	39.64 0.99 0.00	33.32 0.93 0.00	31.67 0.71 0.00	33.17 0.65 0.00	31.30 0.68 0.00	35.70 0.86 0.00	32.89 0.97 -0.01	39.39 1.17 0.00	34.38 1.01 -0.01	31.05 1.01 -0.01	30.55 1.20 0.00	28.78 1.14 0.00	30.22 1.29 0.00	31.26 1.42 -0.08	35.67 1.67 0.00	42.08 1.88 0.00	52.43 1.88 0.00	85.94 2.95 0.00	83.62 2.19 0.00	87.01 2.15 0.00	50.02 1.08 0.00	39.79 1.15 0.00	37.86 1.33 0.00	36.49 1.48 0.00
NARROWS_GT1_5 24232	39.64 0.99 0.00	33.32 0.93 0.00	31.67 0.71 0.00	33.17 0.65 0.00	31.30 0.68 0.00	35.70 0.86 0.00	32.89 0.97 -0.01	39.39 1.17 0.00	34.38 1.01 -0.01	31.05 1.01 -0.01	30.55 1.20 0.00	28.78 1.14 0.00	30.22 1.29 0.00	31.26 1.42 -0.08	35.67 1.67 0.00	42.08 1.88 0.00	52.43 1.88 0.00	85.94 2.95 0.00	83.62 2.19 0.00	87.01 2.15 0.00	50.02 1.08 0.00	39.79 1.15 0.00	37.86 1.33 0.00	36.49 1.48 0.00

NARROWS_GT1_6 24233	39.64 0.99 0.00	33.32 0.93 0.00	31.67 0.71 0.00	33.17 0.65 0.00	31.30 0.68 0.00	35.70 0.86 0.00	32.89 0.97 -0.01	39.39 1.17 0.00	34.38 1.01 -0.01	31.05 1.01 -0.01	30.55 1.20 0.00	28.78 1.14 0.00	30.22 1.29 0.00	31.26 1.42 -0.08	35.67 1.67 0.00	42.08 1.88 0.00	52.43 1.88 0.00	85.94 2.95 0.00	83.62 2.19 0.00	87.01 2.15 0.00	50.02 1.08 0.00	39.79 1.15 0.00	37.86 1.33 0.00	36.49 1.48 0.00
NARROWS_GT1_7 24234	39.64 0.99 0.00	33.32 0.93 0.00	31.67 0.71 0.00	33.17 0.65 0.00	31.30 0.68 0.00	35.70 0.86 0.00	32.89 0.97 -0.01	39.39 1.17 0.00	34.38 1.01 -0.01	31.05 1.01 -0.01	30.55 1.20 0.00	28.78 1.14 0.00	30.22 1.29 0.00	31.26 1.42 -0.08	35.67 1.67 0.00	42.08 1.88 0.00	52.43 1.88 0.00	85.94 2.95 0.00	83.62 2.19 0.00	87.01 2.15 0.00	50.02 1.08 0.00	39.79 1.15 0.00	37.86 1.33 0.00	36.49 1.48 0.00
NARROWS_GT1_8 24235	39.64 0.99 0.00	33.32 0.93 0.00	31.67 0.71 0.00	33.17 0.65 0.00	31.30 0.68 0.00	35.70 0.86 0.00	32.89 0.97 -0.01	39.39 1.17 0.00	34.38 1.01 -0.01	31.05 1.01 -0.01	30.55 1.20 0.00	28.78 1.14 0.00	30.22 1.29 0.00	31.26 1.42 -0.08	35.67 1.67 0.00	42.08 1.88 0.00	52.43 1.88 0.00	85.94 2.95 0.00	83.62 2.19 0.00	87.01 2.15 0.00	50.02 1.08 0.00	39.79 1.15 0.00	37.86 1.33 0.00	36.49 1.48 0.00
NARROWS_GT2_1 24236	39.64 0.99 0.00	33.32 0.93 0.00	31.67 0.71 0.00	33.17 0.65 0.00	31.30 0.68 0.00	35.70 0.86 0.00	32.89 0.97 -0.01	39.39 1.17 0.00	34.38 1.01 -0.01	31.05 1.01 -0.01	30.55 1.20 0.00	28.78 1.14 0.00	30.22 1.29 0.00	31.26 1.42 -0.08	35.67 1.67 0.00	42.08 1.88 0.00	52.43 1.88 0.00	85.94 2.95 0.00	83.62 2.19 0.00	87.01 2.15 0.00	50.02 1.08 0.00	39.79 1.15 0.00	37.86 1.33 0.00	36.49 1.48 0.00
NARROWS_GT2_2 24237	39.64 0.99 0.00	33.32 0.93 0.00	31.67 0.71 0.00	33.17 0.65 0.00	31.30 0.68 0.00	35.70 0.86 0.00	32.89 0.97 -0.01	39.39 1.17 0.00	34.38 1.01 -0.01	31.05 1.01 -0.01	30.55 1.20 0.00	28.78 1.14 0.00	30.22 1.29 0.00	31.26 1.42 -0.08	35.67 1.67 0.00	42.08 1.88 0.00	52.43 1.88 0.00	85.94 2.95 0.00	83.62 2.19 0.00	87.01 2.15 0.00	50.02 1.08 0.00	39.79 1.15 0.00	37.86 1.33 0.00	36.49 1.48 0.00
NARROWS_GT2_3 24238	39.64 0.99 0.00	33.32 0.93 0.00	31.67 0.71 0.00	33.17 0.65 0.00	31.30 0.68 0.00	35.70 0.86 0.00	32.89 0.97 -0.01	39.39 1.17 0.00	34.38 1.01 -0.01	31.05 1.01 -0.01	30.55 1.20 0.00	28.78 1.14 0.00	30.22 1.29 0.00	31.26 1.42 -0.08	35.67 1.67 0.00	42.08 1.88 0.00	52.43 1.88 0.00	85.94 2.95 0.00	83.62 2.19 0.00	87.01 2.15 0.00	50.02 1.08 0.00	39.79 1.15 0.00	37.86 1.33 0.00	36.49 1.48 0.00
NARROWS_GT2_4 24239	39.64 0.99 0.00	33.32 0.93 0.00	31.67 0.71 0.00	33.17 0.65 0.00	31.30 0.68 0.00	35.70 0.86 0.00	32.89 0.97 -0.01	39.39 1.17 0.00	34.38 1.01 -0.01	31.05 1.01 -0.01	30.55 1.20 0.00	28.78 1.14 0.00	30.22 1.29 0.00	31.26 1.42 -0.08	35.67 1.67 0.00	42.08 1.88 0.00	52.43 1.88 0.00	85.94 2.95 0.00	83.62 2.19 0.00	87.01 2.15 0.00	50.02 1.08 0.00	39.79 1.15 0.00	37.86 1.33 0.00	36.49 1.48 0.00
NARROWS_GT2_5 24240	39.64 0.99 0.00	33.32 0.93 0.00	31.67 0.71 0.00	33.17 0.65 0.00	31.30 0.68 0.00	35.70 0.86 0.00	32.89 0.97 -0.01	39.39 1.17 0.00	34.38 1.01 -0.01	31.05 1.01 -0.01	30.55 1.20 0.00	28.78 1.14 0.00	30.22 1.29 0.00	31.26 1.42 -0.08	35.67 1.67 0.00	42.08 1.88 0.00	52.43 1.88 0.00	85.94 2.95 0.00	83.62 2.19 0.00	87.01 2.15 0.00	50.02 1.08 0.00	39.79 1.15 0.00	37.86 1.33 0.00	36.49 1.48 0.00
NARROWS_GT2_6 24241	39.64 0.99 0.00	33.32 0.93 0.00	31.67 0.71 0.00	33.17 0.65 0.00	31.30 0.68 0.00	35.70 0.86 0.00	32.89 0.97 -0.01	39.39 1.17 0.00	34.38 1.01 -0.01	31.05 1.01 -0.01	30.55 1.20 0.00	28.78 1.14 0.00	30.22 1.29 0.00	31.26 1.42 -0.08	35.67 1.67 0.00	42.08 1.88 0.00	52.43 1.88 0.00	85.94 2.95 0.00	83.62 2.19 0.00	87.01 2.15 0.00	50.02 1.08 0.00	39.79 1.15 0.00	37.86 1.33 0.00	36.49 1.48 0.00
NARROWS_GT2_7 24242	39.64 0.99 0.00	33.32 0.93 0.00	31.67 0.71 0.00	33.17 0.65 0.00	31.30 0.68 0.00	35.70 0.86 0.00	32.89 0.97 -0.01	39.39 1.17 0.00	34.38 1.01 -0.01	31.05 1.01 -0.01	30.55 1.20 0.00	28.78 1.14 0.00	30.22 1.29 0.00	31.26 1.42 -0.08	35.67 1.67 0.00	42.08 1.88 0.00	52.43 1.88 0.00	85.94 2.95 0.00	83.62 2.19 0.00	87.01 2.15 0.00	50.02 1.08 0.00	39.79 1.15 0.00	37.86 1.33 0.00	36.49 1.48 0.00
NARROWS_GT2_8 24243	39.64 0.99 0.00	33.32 0.93 0.00	31.67 0.71 0.00	33.17 0.65 0.00	31.30 0.68 0.00	35.70 0.86 0.00	32.89 0.97 -0.01	39.39 1.17 0.00	34.38 1.01 -0.01	31.05 1.01 -0.01	30.55 1.20 0.00	28.78 1.14 0.00	30.22 1.29 0.00	31.26 1.42 -0.08	35.67 1.67 0.00	42.08 1.88 0.00	52.43 1.88 0.00	85.94 2.95 0.00	83.62 2.19 0.00	87.01 2.15 0.00	50.02 1.08 0.00	39.79 1.15 0.00	37.86 1.33 0.00	36.49 1.48 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	39.33 0.68 0.00	32.93 0.54 0.00	31.51 0.56 0.00	33.05 0.54 0.00	31.21 0.59 0.00	35.49 0.65 0.00	32.65 0.73 0.00	39.21 0.98 0.00	33.94 0.57 0.00	30.22 0.18 0.00	29.41 0.07 0.00	27.59 -0.04 0.00	28.82 -0.11 0.00	29.62 -0.13 0.01	33.74 -0.26 0.00	39.77 -0.43 0.00	50.16 -0.40 0.00	82.90 -0.09 0.00	81.39 -0.04 0.00	85.01 0.15 0.00	49.22 0.27 0.00	38.95 0.30 0.00	36.71 0.18 0.00	35.19 0.18 0.00
NCHELSEA_115KV_TR2 355582	39.54 0.88 0.00	33.16 0.77 0.00	31.59 0.63 0.00	33.10 0.59 0.00	31.23 0.61 0.00	35.61 0.76 0.00	32.77 0.85 0.00	39.29 1.07 0.00	34.19 0.82 0.00	30.82 0.78 0.00	30.23 0.89 0.00	28.46 0.82 0.00	29.84 0.91 0.00	30.85 1.02 -0.07	35.25 1.25 0.00	41.77 1.57 0.00	52.34 1.79 0.00	85.80 2.81 0.00	83.52 2.09 0.00	86.94 2.08 0.00	50.08 1.14 0.00	39.73 1.08 0.00	37.66 1.13 0.00	36.18 1.18 0.00
NEG CAPITAL____MECHNVIL 23645	39.79 1.14 0.00	33.32 0.93 0.00	31.82 0.87 0.00	33.38 0.87 0.00	31.49 0.87 0.00	35.94 1.09 0.00	32.99 1.07 0.00	39.55 1.33 0.00	34.23 0.86 0.00	30.60 0.57 0.00	29.83 0.48 0.00	27.97 0.33 0.00	29.29 0.36 0.00	30.10 0.40 0.06	34.54 0.55 0.00	40.98 0.78 0.00	51.88 1.32 0.00	85.54 2.55 0.00	83.53 2.11 0.00	87.10 2.24 0.00	50.44 1.49 0.00	39.85 1.20 0.00	37.62 1.09 0.00	36.06 1.06 0.00
NEG CENTRAL_HIGH_ACRES 23767	37.85 -0.81 0.00	31.77 -0.63 0.00	30.33 -0.63 0.00	31.86 -0.65 0.00	29.92 -0.71 0.00	34.01 -0.84 0.00	30.98 -0.94 0.00	37.01 -1.21 0.00	32.54 -0.83 0.00	29.35 -0.68 0.00	28.63 -0.71 0.00	27.09 -0.55 0.00	28.39 -0.53 0.00	29.22 -0.53 0.00	33.33 -0.67 0.00	39.39 -0.81 0.00	49.48 -1.08 0.00	81.37 -1.62 0.00	80.47 -0.95 0.00	83.67 -1.19 0.00	47.99 -0.96 0.00	37.67 -0.98 0.00	35.61 -0.92 0.00	34.14 -0.87 0.00

NEG CENTRAL___DRP 24199	38.75 0.10 0.00	32.55 0.16 0.00	31.06 0.10 0.00	32.68 0.17 0.00	30.69 0.07 0.00	34.96 0.11 0.00	31.94 0.02 0.00	38.10 -0.12 0.00	33.33 -0.03 0.00	29.92 -0.11 0.00	29.10 -0.24 0.00	27.50 -0.13 0.00	28.80 -0.13 0.00	29.64 -0.12 0.00	33.85 -0.14 0.00	40.01 -0.19 0.00	50.46 -0.10 0.00	83.19 0.20 0.00	82.41 0.98 0.00	85.68 0.82 0.00	49.27 0.32 0.00	38.73 0.09 0.00	36.63 0.10 0.00	35.07 0.06 0.00
NEG CENTRAL___INDECK 23768	39.67 1.01 0.00	33.30 0.91 0.00	31.78 0.82 0.00	33.44 0.92 0.00	31.35 0.73 0.00	35.69 0.84 0.00	32.45 0.53 0.00	38.76 0.54 0.00	33.99 0.63 0.00	30.42 0.38 0.00	29.60 0.25 0.00	28.06 0.43 0.00	29.38 0.45 0.00	30.23 0.47 0.00	34.42 0.42 0.00	40.75 0.55 0.00	51.26 0.70 0.00	84.13 1.13 0.00	84.83 3.41 0.00	88.58 3.72 0.00	50.63 1.69 0.00	39.54 0.90 0.00	37.35 0.82 0.00	35.71 0.70 0.00
NEG CENTRAL___SENECA 23627	38.77 0.12 0.00	32.61 0.22 0.00	31.12 0.17 0.00	32.75 0.23 0.00	30.75 0.13 0.00	35.03 0.19 0.00	31.97 0.05 0.00	38.06 -0.16 0.00	33.37 0.01 0.00	29.99 -0.04 0.00	29.16 -0.19 0.00	27.57 -0.07 0.00	28.86 -0.07 0.00	29.69 -0.07 0.00	33.89 -0.10 0.00	40.05 -0.14 0.00	50.47 -0.09 0.00	83.18 0.19 0.00	82.66 1.23 0.00	85.92 1.05 0.00	49.36 0.42 0.00	38.72 0.08 0.00	36.68 0.15 0.00	35.12 0.11 0.00
NEG CENTRAL___STATE_STREET 24147	38.92 0.26 0.00	32.67 0.28 0.00	31.10 0.14 0.00	32.75 0.24 0.00	30.73 0.11 0.00	35.07 0.22 0.00	32.09 0.17 0.00	38.38 0.16 0.00	33.45 0.08 0.00	29.95 -0.08 0.00	29.13 -0.21 0.00	27.55 -0.09 0.00	28.87 -0.07 0.00	29.71 -0.06 0.00	33.95 -0.05 0.00	40.07 -0.12 0.00	50.69 0.13 0.00	83.62 0.63 0.00	82.54 1.11 0.00	85.64 0.78 0.00	49.35 0.41 0.00	38.92 0.27 0.00	36.76 0.23 0.00	35.17 0.17 0.00
NEG MILLWOOD___DRP 24198	39.61 0.96 0.00	33.24 0.85 0.00	31.65 0.69 0.00	33.16 0.64 0.00	31.29 0.67 0.00	35.68 0.83 0.00	32.83 0.91 0.00	39.38 1.16 0.00	34.31 0.94 0.00	30.94 0.91 0.00	30.38 1.04 0.00	28.60 0.97 0.00	29.99 1.06 0.00	31.02 1.19 -0.07	35.43 1.44 0.00	41.95 1.76 0.00	52.51 1.95 0.00	85.99 2.99 0.00	83.70 2.27 0.00	87.15 2.29 0.00	50.20 1.26 0.00	39.82 1.17 0.00	37.76 1.23 0.00	36.29 1.29 0.00
NEG NORTH_FLCN_SEA 23793	39.27 0.62 0.00	32.71 0.32 0.00	31.14 0.18 0.00	32.82 0.31 0.00	31.02 0.40 0.00	35.64 0.80 0.00	32.89 0.97 0.00	39.37 1.15 0.00	34.79 1.42 0.00	31.49 1.46 0.00	30.76 1.42 0.00	29.01 1.37 0.00	30.27 1.33 0.00	31.13 1.36 0.00	35.63 1.64 0.00	42.38 2.18 0.00	53.88 3.32 0.00	89.01 6.02 0.00	86.94 5.52 0.00	91.10 6.23 0.00	52.41 3.47 0.00	41.14 2.50 0.00	38.64 2.11 0.00	36.60 1.59 0.00
NEG NORTH_KES_CHATEGAY 23792	39.01 0.35 0.00	32.57 0.18 0.00	31.05 0.09 0.00	32.72 0.20 0.00	30.85 0.23 0.00	35.34 0.50 0.00	32.54 0.61 0.00	38.93 0.71 0.00	34.36 1.00 0.00	31.05 1.01 0.00	30.29 0.95 0.00	28.55 0.91 0.00	29.81 0.88 0.00	30.64 0.88 0.00	35.07 1.07 0.00	41.57 1.38 0.00	52.58 2.03 0.00	86.79 3.79 0.00	85.34 3.91 0.00	89.33 4.47 0.00	51.41 2.47 0.00	40.39 1.74 0.00	37.95 1.42 0.00	35.98 0.97 0.00
NEG NORTH___ALICE_FALLS 23915	39.37 0.72 0.00	32.81 0.42 0.00	31.24 0.29 0.00	32.92 0.40 0.00	31.10 0.48 0.00	35.70 0.85 0.00	32.93 1.01 0.00	39.43 1.21 0.00	34.80 1.44 0.00	31.45 1.41 0.00	30.69 1.35 0.00	28.92 1.29 0.00	30.19 1.26 0.00	31.04 1.28 0.00	35.52 1.53 0.00	42.21 2.02 0.00	53.64 3.08 0.00	88.77 5.78 0.00	86.97 5.55 0.00	91.11 6.25 0.00	52.43 3.49 0.00	41.13 2.49 0.00	38.62 2.09 0.00	36.60 1.59 0.00
NEG NORTH___LWR_SARANAC 23913	39.37 0.72 0.00	32.81 0.42 0.00	31.24 0.29 0.00	32.92 0.40 0.00	31.10 0.48 0.00	35.70 0.85 0.00	32.93 1.01 0.00	39.43 1.21 0.00	34.80 1.44 0.00	31.45 1.41 0.00	30.69 1.35 0.00	28.92 1.29 0.00	30.19 1.26 0.00	31.04 1.28 0.00	35.52 1.53 0.00	42.21 2.02 0.00	53.64 3.08 0.00	88.77 5.78 0.00	86.97 5.55 0.00	91.11 6.25 0.00	52.43 3.49 0.00	41.13 2.49 0.00	38.62 2.09 0.00	36.60 1.59 0.00
NEG NORTH___PLATTSBURG 23628	39.37 0.72 0.00	32.81 0.42 0.00	31.24 0.29 0.00	32.92 0.40 0.00	31.10 0.48 0.00	35.70 0.85 0.00	32.93 1.01 0.00	39.43 1.21 0.00	34.80 1.44 0.00	31.45 1.41 0.00	30.69 1.35 0.00	28.92 1.29 0.00	30.19 1.26 0.00	31.04 1.28 0.00	35.52 1.53 0.00	42.21 2.02 0.00	53.64 3.08 0.00	88.77 5.78 0.00	86.98 5.55 0.00	91.12 6.25 0.00	52.43 3.49 0.00	41.13 2.49 0.00	38.62 2.09 0.00	36.60 1.59 0.00
NEG WEST_LEA_LOCKPORT 23791	38.01 -0.64 0.00	32.05 -0.33 0.00	30.59 -0.37 0.00	32.19 -0.32 0.00	30.12 -0.50 0.00	34.18 -0.67 0.00	30.70 -1.22 0.00	36.36 -1.86 0.00	32.48 -0.89 0.00	29.72 -0.32 0.00	29.05 -0.29 0.00	27.59 -0.04 0.00	28.90 -0.03 0.00	29.70 -0.06 0.00	33.58 -0.41 0.00	39.65 -0.55 0.00	49.22 -1.34 0.00	79.96 -3.04 0.00	79.97 -1.45 0.00	83.06 -1.80 0.00	47.55 -1.39 0.00	37.28 -1.36 0.00	35.47 -1.06 0.00	34.19 -0.81 0.00
NEG WEST___LANCASTR 23811	37.90 -0.75 0.00	31.98 -0.42 0.00	30.49 -0.46 0.00	32.12 -0.39 0.00	30.04 -0.58 0.00	34.17 -0.67 0.00	30.82 -1.10 0.00	36.70 -1.52 0.00	32.66 -0.70 0.00	29.81 -0.22 0.00	29.08 -0.26 0.00	27.64 0.01 0.00	28.94 0.01 0.00	29.72 -0.04 0.00	33.63 -0.36 0.00	39.89 -0.30 0.00	49.70 -0.86 0.00	80.65 -2.35 0.00	80.49 -0.93 0.00	83.62 -1.24 0.00	47.85 -1.10 0.00	37.41 -1.24 0.00	35.55 -0.98 0.00	34.13 -0.87 0.00
NEG_PENN_ALLEGHNY 23528	38.70 0.05 0.00	32.50 0.11 0.00	31.03 0.07 0.00	32.65 0.13 0.00	30.68 0.05 0.00	34.98 0.13 0.00	31.97 0.05 0.00	38.25 0.03 0.00	33.40 0.04 0.00	30.09 0.05 0.00	29.35 0.01 0.00	27.74 0.10 0.00	29.04 0.11 0.00	29.88 0.11 -0.01	34.13 0.13 0.00	40.46 0.26 0.00	50.91 0.35 0.00	83.36 0.37 0.00	82.07 0.64 0.00	85.31 0.44 0.00	49.10 0.16 0.00	38.69 0.04 0.00	36.64 0.11 0.00	35.10 0.10 0.00
NEG___GEN_MONROE 24207	38.87 0.21 0.00	32.62 0.23 0.00	31.18 0.22 0.00	32.77 0.25 0.00	30.81 0.19 0.00	34.95 0.10 0.00	31.81 -0.11 0.00	37.77 -0.44 0.00	33.30 -0.07 0.00	30.10 0.07 0.00	29.37 0.03 0.00	27.84 0.20 0.00	29.20 0.27 0.00	30.02 0.26 0.00	34.26 0.27 0.00	40.43 0.23 0.00	50.57 0.01 0.00	83.04 0.04 0.00	82.51 1.09 0.00	85.81 0.95 0.00	49.16 0.22 0.00	38.56 -0.08 0.00	36.50 -0.03 0.00	35.01 0.00 0.00
NEPA___ENERGY 23901	37.97 -0.69 0.00	32.03 -0.36 0.00	30.47 -0.49 0.00	32.19 -0.33 0.00	30.06 -0.57 0.00	34.34 -0.51 0.00	31.02 -0.90 0.00	36.99 -1.23 0.00	32.79 -0.57 0.00	29.91 -0.13 0.00	29.15 -0.19 0.00	27.80 0.16 0.00	29.08 0.15 0.00	29.83 0.07 0.00	33.90 -0.09 0.00	40.28 0.08 0.00	50.38 -0.18 0.00	81.35 -1.65 0.00	81.19 -0.24 0.00	84.13 -0.73 0.00	48.27 -0.68 0.00	37.69 -0.96 0.00	35.84 -0.69 0.00	34.35 -0.66 0.00

NEVERSINK___HYD 23608	38.77 0.11 0.00	32.51 0.12 0.00	30.96 0.00 0.00	32.43 -0.08 0.00	30.62 0.00 0.00	34.92 0.07 0.00	32.14 0.22 0.00	38.53 0.31 0.00	33.53 0.16 0.00	30.14 0.11 0.00	29.51 0.17 0.00	27.74 0.10 0.00	29.08 0.15 0.00	30.04 0.22 -0.06	34.32 0.33 0.00	40.79 0.60 0.00	51.25 0.69 0.00	84.20 1.21 0.00	82.21 0.79 0.00	85.63 0.77 0.00	49.28 0.34 0.00	39.08 0.43 0.00	37.05 0.52 0.00	35.58 0.57 0.00
NEWKRMKL_115KV_TB1 55635	38.60 -0.05 0.00	32.35 -0.04 0.00	30.96 0.00 0.00	32.45 -0.07 0.00	30.66 0.04 0.00	34.81 -0.03 0.00	32.06 0.14 0.00	38.44 0.22 0.00	33.36 -0.01 0.00	29.91 -0.12 0.00	29.26 -0.08 0.00	27.50 -0.14 0.00	28.79 -0.14 0.00	29.57 -0.15 0.05	33.81 -0.18 0.00	39.92 -0.27 0.00	50.20 -0.35 0.00	82.37 -0.62 0.00	80.29 -1.14 0.00	83.77 -1.09 0.00	48.50 -0.44 0.00	38.44 -0.21 0.00	36.31 -0.22 0.00	34.88 -0.13 0.00
NEWTON___FALLS_HYD 23847	39.49 0.84 0.00	33.03 0.64 0.00	31.61 0.65 0.00	33.24 0.72 0.00	31.24 0.63 0.00	35.74 0.89 0.00	32.75 0.83 0.00	39.34 1.12 0.00	34.39 1.02 0.00	30.83 0.80 0.00	29.94 0.60 0.00	28.15 0.52 0.00	29.37 0.44 0.00	30.13 0.37 0.00	34.32 0.32 0.00	40.48 0.29 0.00	51.35 0.79 0.00	85.57 2.57 0.00	85.07 3.65 0.00	88.76 3.90 0.00	50.89 1.95 0.00	39.97 1.33 0.00	37.80 1.28 0.00	36.14 1.13 0.00
NGRID_A1_DSASP 323792	37.70 -0.95 0.00	31.79 -0.60 0.00	30.37 -0.59 0.00	31.95 -0.57 0.00	29.88 -0.74 0.00	33.88 -0.97 0.00	30.30 -1.62 0.00	35.88 -2.34 0.00	32.12 -1.24 0.00	29.43 -0.60 0.00	28.76 -0.58 0.00	27.34 -0.29 0.00	28.62 -0.31 0.00	29.42 -0.34 0.00	33.24 -0.76 0.00	39.17 -1.03 0.00	48.54 -2.02 0.00	78.61 -4.38 0.00	78.50 -2.93 0.00	81.73 -3.13 0.00	46.78 -2.16 0.00	36.65 -2.00 0.00	34.89 -1.64 0.00	33.58 -1.43 0.00
NGRID_A2_DSASP 323793	37.70 -0.95 0.00	31.79 -0.60 0.00	30.37 -0.59 0.00	31.95 -0.57 0.00	29.88 -0.74 0.00	33.88 -0.97 0.00	30.30 -1.62 0.00	35.88 -2.34 0.00	32.12 -1.24 0.00	29.43 -0.60 0.00	28.76 -0.58 0.00	27.34 -0.29 0.00	28.62 -0.31 0.00	29.42 -0.34 0.00	33.24 -0.76 0.00	39.17 -1.03 0.00	48.54 -2.02 0.00	78.61 -4.38 0.00	78.50 -2.93 0.00	81.73 -3.13 0.00	46.78 -2.16 0.00	36.65 -2.00 0.00	34.89 -1.64 0.00	33.58 -1.43 0.00
NGRID_A4_DSASP 323807	37.70 -0.95 0.00	31.79 -0.60 0.00	30.37 -0.59 0.00	31.95 -0.57 0.00	29.88 -0.74 0.00	33.88 -0.97 0.00	30.30 -1.62 0.00	35.88 -2.34 0.00	32.12 -1.24 0.00	29.43 -0.60 0.00	28.76 -0.58 0.00	27.34 -0.29 0.00	28.62 -0.31 0.00	29.42 -0.34 0.00	33.24 -0.76 0.00	39.17 -1.03 0.00	48.54 -2.02 0.00	78.61 -4.38 0.00	78.50 -2.93 0.00	81.73 -3.13 0.00	46.78 -2.16 0.00	36.65 -2.00 0.00	34.89 -1.64 0.00	33.58 -1.43 0.00
NIAGARA_115E_LBMP 323715	37.58 -1.08 0.00	31.70 -0.69 0.00	30.27 -0.69 0.00	31.84 -0.67 0.00	29.80 -0.82 0.00	33.81 -1.04 0.00	30.34 -1.58 0.00	35.82 -2.40 0.00	32.05 -1.31 0.00	29.39 -0.64 0.00	28.80 -0.55 0.00	27.37 -0.27 0.00	28.64 -0.29 0.00	29.43 -0.33 0.00	33.25 -0.74 0.00	39.24 -0.95 0.00	48.62 -1.94 0.00	78.82 -4.18 0.00	78.78 -2.65 0.00	81.66 -3.20 0.00	46.77 -2.17 0.00	36.76 -1.89 0.00	35.03 -1.50 0.00	33.84 -1.17 0.00
NIAGARA_115W_LBMP 323714	37.66 -1.00 0.00	31.76 -0.63 0.00	30.33 -0.63 0.00	31.91 -0.61 0.00	29.83 -0.79 0.00	33.84 -1.01 0.00	30.25 -1.67 0.00	35.81 -2.41 0.00	32.07 -1.30 0.00	29.38 -0.66 0.00	28.71 -0.64 0.00	27.30 -0.34 0.00	28.57 -0.36 0.00	29.36 -0.40 0.00	33.17 -0.82 0.00	39.09 -1.11 0.00	48.43 -2.13 0.00	78.44 -4.55 0.00	78.33 -3.10 0.00	81.57 -3.30 0.00	46.69 -2.26 0.00	36.57 -2.07 0.00	34.82 -1.72 0.00	33.52 -1.49 0.00
NIAGARA_230_LBMP 323716	37.74 -0.92 0.00	31.82 -0.57 0.00	30.38 -0.58 0.00	31.96 -0.55 0.00	29.89 -0.73 0.00	33.92 -0.93 0.00	30.47 -1.45 0.00	36.14 -2.08 0.00	32.31 -1.05 0.00	29.58 -0.45 0.00	28.91 -0.43 0.00	27.48 -0.16 0.00	28.76 -0.17 0.00	29.55 -0.21 0.00	33.43 -0.57 0.00	39.37 -0.83 0.00	48.82 -1.74 0.00	79.13 -3.87 0.00	78.99 -2.43 0.00	82.20 -2.66 0.00	47.05 -1.90 0.00	36.85 -1.79 0.00	35.07 -1.46 0.00	33.78 -1.23 0.00
NIAGARA___115KV_198_GIBSON 55903	37.66 -1.00 0.00	31.76 -0.63 0.00	30.33 -0.63 0.00	31.91 -0.61 0.00	29.84 -0.79 0.00	33.84 -1.01 0.00	30.25 -1.67 0.00	35.81 -2.41 0.00	32.06 -1.31 0.00	29.38 -0.66 0.00	28.71 -0.63 0.00	27.29 -0.34 0.00	28.57 -0.36 0.00	29.36 -0.40 0.00	33.17 -0.82 0.00	39.09 -1.11 0.00	48.43 -2.12 0.00	78.44 -4.56 0.00	78.31 -3.12 0.00	81.52 -3.34 0.00	46.69 -2.25 0.00	36.57 -2.07 0.00	34.82 -1.72 0.00	33.52 -1.49 0.00
NIAGARA____ 23760	37.74 -0.92 0.00	31.82 -0.57 0.00	30.38 -0.58 0.00	31.96 -0.55 0.00	29.89 -0.73 0.00	33.92 -0.93 0.00	30.47 -1.45 0.00	36.14 -2.08 0.00	32.31 -1.05 0.00	29.58 -0.45 0.00	28.91 -0.43 0.00	27.48 -0.16 0.00	28.76 -0.17 0.00	29.55 -0.21 0.00	33.43 -0.57 0.00	39.37 -0.83 0.00	48.82 -1.74 0.00	79.13 -3.87 0.00	78.99 -2.43 0.00	82.20 -2.66 0.00	47.05 -1.90 0.00	36.85 -1.79 0.00	35.07 -1.46 0.00	33.78 -1.23 0.00
NINE_MILE_1 23575	37.75 -0.91 0.00	31.62 -0.77 0.00	30.22 -0.73 0.00	31.75 -0.76 0.00	29.85 -0.77 0.00	33.91 -0.93 0.00	31.05 -0.87 0.00	37.16 -1.06 0.00	32.45 -0.91 0.00	29.19 -0.84 0.00	28.50 -0.84 0.00	26.86 -0.77 0.00	28.14 -0.79 0.00	28.96 -0.81 0.00	33.07 -0.93 0.00	39.11 -1.09 0.00	49.20 -1.36 0.00	80.86 -2.14 0.00	79.45 -1.97 0.00	82.73 -2.14 0.00	47.66 -1.28 0.00	37.61 -1.04 0.00	35.57 -0.96 0.00	34.08 -0.92 0.00
NINE_MILE_2 23744	37.75 -0.90 0.00	31.63 -0.76 0.00	30.23 -0.73 0.00	31.75 -0.76 0.00	29.86 -0.76 0.00	33.91 -0.93 0.00	31.05 -0.87 0.00	37.16 -1.06 0.00	32.45 -0.91 0.00	29.19 -0.84 0.00	28.50 -0.84 0.00	26.86 -0.77 0.00	28.14 -0.79 0.00	28.96 -0.81 0.00	33.07 -0.93 0.00	39.11 -1.09 0.00	49.20 -1.36 0.00	80.86 -2.14 0.00	79.46 -1.97 0.00	82.73 -2.14 0.00	47.66 -1.28 0.00	37.61 -1.03 0.00	35.57 -0.96 0.00	34.08 -0.92 0.00
NM_CAPITAL___DRP 24208	38.68 0.03 0.00	32.42 0.03 0.00	31.01 0.05 0.00	32.50 -0.02 0.00	30.71 0.09 0.00	34.91 0.06 0.00	32.13 0.20 0.00	38.53 0.31 0.00	33.41 0.05 0.00	29.97 -0.06 0.00	29.33 -0.02 0.00	27.55 -0.09 0.00	28.84 -0.09 0.00	29.62 -0.09 0.05	33.88 -0.12 0.00	39.99 -0.20 0.00	50.30 -0.26 0.00	82.49 -0.50 0.00	80.33 -1.09 0.00	83.87 -0.99 0.00	48.59 -0.35 0.00	38.51 -0.13 0.00	36.38 -0.15 0.00	34.97 -0.04 0.00
NM_CENTRAL___DRP 24181	38.46 -0.19 0.00	32.23 -0.16 0.00	30.78 -0.17 0.00	32.34 -0.18 0.00	30.41 -0.21 0.00	34.58 -0.27 0.00	31.64 -0.28 0.00	37.88 -0.34 0.00	33.06 -0.30 0.00	29.71 -0.33 0.00	29.01 -0.34 0.00	27.36 -0.28 0.00	28.65 -0.28 0.00	29.50 -0.26 0.00	33.70 -0.30 0.00	39.85 -0.34 0.00	50.19 -0.37 0.00	82.59 -0.41 0.00	81.22 -0.21 0.00	84.55 -0.32 0.00	48.65 -0.30 0.00	38.36 -0.28 0.00	36.25 -0.28 0.00	34.73 -0.28 0.00

NM_FRONTIER___DRP 24179	37.66 -1.00 0.00	31.76 -0.63 0.00	30.33 -0.63 0.00	31.91 -0.61 0.00	29.84 -0.79 0.00	33.84 -1.01 0.00	30.25 -1.67 0.00	35.81 -2.41 0.00	32.06 -1.31 0.00	29.38 -0.66 0.00	28.71 -0.63 0.00	27.29 -0.34 0.00	28.57 -0.36 0.00	29.36 -0.40 0.00	33.17 -0.82 0.00	39.09 -1.11 0.00	48.43 -2.12 0.00	78.44 -4.56 0.00	78.31 -3.12 0.00	81.52 -3.34 0.00	46.69 -2.25 0.00	36.57 -2.07 0.00	34.82 -1.72 0.00	33.52 -1.49 0.00
NM_ST_REGIS___HYD 24053	39.64 0.98 0.00	33.14 0.75 0.00	31.67 0.71 0.00	33.31 0.80 0.00	31.38 0.76 0.00	35.83 0.99 0.00	32.83 0.91 0.00	39.35 1.13 0.00	34.60 1.24 0.00	31.21 1.17 0.00	30.35 1.00 0.00	28.52 0.89 0.00	29.79 0.87 0.00	30.60 0.84 0.00	34.95 0.95 0.00	41.33 1.13 0.00	52.21 1.66 0.00	86.36 3.37 0.00	85.50 4.08 0.00	89.38 4.52 0.00	51.44 2.50 0.00	40.38 1.73 0.00	38.01 1.48 0.00	36.20 1.19 0.00
NORTHPORT___1 23551	39.05 0.39 0.00	32.88 0.48 0.00	31.25 0.29 0.00	32.70 0.18 0.00	30.83 0.21 0.00	35.09 0.25 0.00	32.23 0.31 0.00	38.57 0.35 0.00	33.60 0.24 0.00	30.50 0.46 0.00	30.35 1.00 0.00	28.66 1.02 0.00	30.10 1.16 0.00	42.45 1.19 -11.49	38.89 1.20 -3.70	41.22 1.02 0.00	51.16 0.60 0.00	59.74 0.55 23.81	41.67 -0.36 39.40	45.20 -0.53 39.13	46.98 -0.16 1.80	38.98 0.33 0.00	37.19 0.66 0.00	35.98 0.97 0.00
NORTHPORT___2 23552	39.05 0.39 0.00	32.88 0.48 0.00	31.25 0.29 0.00	32.70 0.18 0.00	30.83 0.21 0.00	35.09 0.25 0.00	32.23 0.31 0.00	38.57 0.35 0.00	33.60 0.24 0.00	30.50 0.46 0.00	30.35 1.00 0.00	28.66 1.02 0.00	30.10 1.16 0.00	42.45 1.19 -11.49	38.89 1.20 -3.70	41.22 1.02 0.00	51.16 0.60 0.00	59.74 0.55 23.81	41.67 -0.36 39.40	45.20 -0.53 39.13	46.98 -0.16 1.80	38.98 0.33 0.00	37.19 0.66 0.00	35.98 0.97 0.00
NORTHPORT___3 23553	39.00 0.21 -0.14	34.00 0.14 -1.46	31.20 -0.04 -0.28	32.72 -0.16 -0.37	30.78 -0.11 -0.27	34.98 -0.01 -0.14	32.11 0.18 0.00	38.44 0.22 0.00	33.48 0.12 0.00	30.40 0.36 0.00	30.21 0.66 -0.20	28.48 0.67 -0.17	29.97 0.81 -0.23	42.81 0.90 -12.15	38.82 1.09 -3.74	41.08 0.88 0.00	50.96 0.40 0.00	59.41 0.08 23.67	41.47 -0.79 39.17	45.02 -0.94 38.90	46.74 -0.42 1.79	38.77 0.12 0.00	36.98 0.46 0.00	35.76 0.76 0.00
NORTHPORT___4 23650	39.00 0.21 -0.14	34.00 0.14 -1.46	31.20 -0.04 -0.28	32.72 -0.16 -0.37	30.78 -0.11 -0.27	34.98 -0.01 -0.14	32.11 0.18 0.00	38.44 0.22 0.00	33.48 0.12 0.00	30.40 0.36 0.00	30.21 0.66 -0.20	28.48 0.67 -0.17	29.97 0.81 -0.23	42.81 0.90 -12.15	38.82 1.09 -3.74	41.08 0.88 0.00	50.96 0.40 0.00	59.41 0.08 23.67	41.47 -0.79 39.17	45.02 -0.94 38.90	46.74 -0.42 1.79	38.77 0.12 0.00	36.98 0.46 0.00	35.76 0.76 0.00
NORTHPORT___IC 23718	39.04 0.39 0.00	32.88 0.48 0.00	31.25 0.29 0.00	32.70 0.18 0.00	30.83 0.21 0.00	35.09 0.24 0.00	32.23 0.31 0.00	38.57 0.35 0.00	33.61 0.24 0.00	30.50 0.46 0.00	30.35 1.00 0.00	28.66 1.02 0.00	30.09 1.16 0.00	42.45 1.19 -11.49	38.89 1.20 -3.70	41.22 1.02 0.00	51.16 0.60 0.00	59.73 0.55 23.81	41.72 -0.30 39.40	45.28 -0.45 39.13	46.96 -0.18 1.80	38.98 0.33 0.00	37.19 0.66 0.00	35.99 0.98 0.00
NORTH___COUNTRY_ESR 323785	38.92 0.26 0.00	32.51 0.11 0.00	30.99 0.03 0.00	32.66 0.14 0.00	30.80 0.18 0.00	35.27 0.43 0.00	32.46 0.53 0.00	38.86 0.64 0.00	34.30 0.94 0.00	31.04 1.00 0.00	30.29 0.94 0.00	28.55 0.91 0.00	29.81 0.88 0.00	30.64 0.88 0.00	35.06 1.07 0.00	41.57 1.37 0.00	52.57 2.02 0.00	86.67 3.68 0.00	85.11 3.68 0.00	88.99 4.13 0.00	51.24 2.30 0.00	40.24 1.59 0.00	37.81 1.28 0.00	35.90 0.89 0.00
NPX_GEN_1385_PROXY 323591	39.05 0.39 0.00	32.88 0.48 0.00	31.25 0.29 0.00	32.70 0.18 0.00	30.83 0.21 0.00	35.09 0.25 0.00	30.75 0.31 1.48	38.57 0.35 0.00	33.60 0.24 0.00	30.50 0.46 0.00	30.35 1.00 0.00	28.66 1.02 0.00	30.10 1.16 0.00	42.45 1.19 -11.49	38.89 1.20 -3.70	41.22 1.02 0.00	51.16 0.60 0.00	59.74 0.55 23.81	41.67 -0.36 39.40	45.20 -0.53 39.13	46.98 -0.16 1.80	38.98 0.33 0.00	37.19 0.66 0.00	35.98 0.97 0.00
NPX_GEN_CSC 323557	35.63 -0.31 2.71	4.22 -0.11 28.06	25.26 -0.28 5.42	24.91 -0.42 7.18	25.16 -0.35 5.12	31.82 -0.33 2.70	30.34 -0.10 1.48	38.14 -0.08 0.00	33.20 -0.17 0.00	30.08 0.04 0.00	25.99 0.50 3.85	24.87 0.55 3.31	25.13 0.67 4.47	31.63 0.70 -1.17	38.48 0.74 -3.74	40.84 0.64 0.00	50.78 0.22 0.00	59.48 -0.01 23.49	41.80 -0.74 38.88	45.11 -1.13 38.62	46.69 -0.48 1.78	38.69 0.05 0.00	36.86 0.33 0.00	35.55 0.54 0.00
NSINS_S_GLNS_FALLS 23858	39.84 1.18 0.00	33.35 0.96 0.00	31.88 0.93 0.00	33.47 0.95 0.00	31.59 0.96 0.00	36.07 1.23 0.00	33.13 1.21 0.00	39.67 1.45 0.00	34.22 0.86 0.00	30.50 0.47 0.00	29.61 0.26 0.00	27.77 0.13 0.00	29.05 0.12 0.00	29.89 0.18 0.05	34.32 0.32 0.00	40.79 0.59 0.00	51.93 1.38 0.00	85.97 2.98 0.00	83.96 2.54 0.00	87.48 2.62 0.00	50.78 1.84 0.00	40.06 1.42 0.00	37.81 1.28 0.00	36.11 1.11 0.00
NUCOR_STEEL___DRP 24197	38.89 0.23 0.00	32.64 0.25 0.00	31.06 0.10 0.00	32.72 0.21 0.00	30.69 0.07 0.00	35.03 0.18 0.00	32.07 0.15 0.00	38.37 0.15 0.00	33.43 0.06 0.00	29.92 -0.11 0.00	29.11 -0.23 0.00	27.54 -0.10 0.00	28.86 -0.08 0.00	29.70 -0.07 0.00	33.95 -0.05 0.00	40.05 -0.14 0.00	50.67 0.12 0.00	83.59 0.60 0.00	82.43 1.00 0.00	85.53 0.67 0.00	49.29 0.35 0.00	38.89 0.24 0.00	36.73 0.20 0.00	35.14 0.13 0.00
NUMBER_THREE_WT_PWR 323818	39.29 0.63 0.00	32.85 0.45 0.00	31.48 0.52 0.00	33.11 0.59 0.00	31.09 0.47 0.00	35.63 0.79 0.00	32.71 0.79 0.00	39.40 1.18 0.00	34.25 0.89 0.00	30.59 0.56 0.00	29.71 0.37 0.00	27.93 0.30 0.00	29.14 0.21 0.00	29.87 0.11 0.00	33.96 -0.03 0.00	40.11 -0.09 0.00	51.10 0.55 0.00	85.62 2.63 0.00	85.17 3.75 0.00	88.61 3.75 0.00	50.59 1.65 0.00	39.65 1.00 0.00	37.68 1.16 0.00	36.11 1.11 0.00
NYISO_LBMP_REFERENCE 24008	38.65 0.00 0.00	32.39 0.00 0.00	30.96 0.00 0.00	32.52 0.00 0.00	30.62 0.00 0.00	34.84 0.00 0.00	31.92 0.00 0.00	38.22 0.00 0.00	33.36 0.00 0.00	30.03 0.00 0.00	29.34 0.00 0.00	27.63 0.00 0.00	28.93 0.00 0.00	29.76 0.00 0.00	33.99 0.00 0.00	40.20 0.00 0.00	50.56 0.00 0.00	82.99 0.00 0.00	81.43 0.00 0.00	84.86 0.00 0.00	48.94 0.00 0.00	38.64 0.00 0.00	36.53 0.00 0.00	35.01 0.00 0.00
NYPA_BRENTWD____GT 24164	39.14 0.75 0.27	30.36 0.76 2.80	30.97 0.55 0.54	32.25 0.45 0.71	30.57 0.46 0.51	35.09 0.51 0.27	32.46 0.54 0.00	38.88 0.66 0.00	33.86 0.50 0.00	30.69 0.66 0.00	30.15 1.19 0.38	28.52 1.21 0.33	29.85 1.37 0.44	42.05 1.43 -10.86	39.32 1.49 -3.83	41.68 1.48 0.00	51.86 1.31 0.00	61.77 1.61 22.83	43.81 0.18 37.79	47.46 0.13 37.53	47.61 0.39 1.73	39.46 0.81 0.00	37.59 1.06 0.00	36.28 1.28 0.00

NYPA_GOWANUS____GT5 24156	39.64 0.99 0.00	33.32 0.93 0.00	31.67 0.71 0.00	33.17 0.65 0.00	31.30 0.68 0.00	35.70 0.86 0.00	32.89 0.97 -0.01	39.39 1.17 0.00	34.38 1.01 -0.01	31.05 1.01 -0.01	30.55 1.20 0.00	28.78 1.14 0.00	30.22 1.29 0.00	31.26 1.42 -0.08	35.67 1.67 0.00	42.08 1.88 0.00	52.43 1.88 0.00	85.94 2.95 0.00	83.62 2.19 0.00	87.01 2.15 0.00	50.02 1.08 0.00	39.79 1.15 0.00	37.86 1.33 0.00	36.49 1.48 0.00
NYPA_GOWANUS____GT6 24157	39.64 0.99 0.00	33.32 0.93 0.00	31.67 0.71 0.00	33.17 0.65 0.00	31.30 0.68 0.00	35.70 0.86 0.00	32.89 0.97 -0.01	39.39 1.17 0.00	34.38 1.01 -0.01	31.05 1.01 -0.01	30.55 1.20 0.00	28.78 1.14 0.00	30.22 1.29 0.00	31.26 1.42 -0.08	35.67 1.67 0.00	42.08 1.88 0.00	52.43 1.88 0.00	85.94 2.95 0.00	83.62 2.19 0.00	87.01 2.15 0.00	50.02 1.08 0.00	39.79 1.15 0.00	37.86 1.33 0.00	36.49 1.48 0.00
NYPA_HARLEM__RVR__GT1 24160	39.65 1.00 0.00	33.39 1.00 0.00	31.75 0.79 0.00	33.24 0.73 0.00	31.37 0.75 0.00	35.79 0.94 0.00	32.97 1.04 -0.01	39.50 1.28 0.00	34.44 1.07 -0.01	31.04 1.00 -0.01	30.53 1.19 0.00	28.76 1.13 0.00	30.21 1.28 0.00	31.26 1.41 -0.08	35.67 1.67 0.00	42.06 1.87 0.00	52.42 1.86 0.00	85.84 2.84 0.00	83.49 2.07 0.00	86.87 2.01 0.00	49.99 1.05 0.00	39.75 1.10 0.00	37.88 1.35 0.00	36.46 1.45 0.00
NYPA_HARLEM__RVR__GT2 24161	39.65 1.00 0.00	33.39 1.00 0.00	31.75 0.79 0.00	33.24 0.73 0.00	31.37 0.75 0.00	35.79 0.94 0.00	32.97 1.04 -0.01	39.50 1.28 0.00	34.44 1.07 -0.01	31.04 1.00 -0.01	30.53 1.19 0.00	28.76 1.13 0.00	30.21 1.28 0.00	31.26 1.41 -0.08	35.67 1.67 0.00	42.06 1.87 0.00	52.42 1.86 0.00	85.84 2.84 0.00	83.49 2.07 0.00	86.87 2.01 0.00	49.99 1.05 0.00	39.75 1.10 0.00	37.88 1.35 0.00	36.46 1.45 0.00
NYPA_KENT____GT 24152	39.61 0.96 0.00	33.34 0.94 0.00	31.70 0.73 0.00	33.18 0.66 0.00	31.31 0.69 0.00	35.72 0.87 0.00	32.91 0.98 -0.01	39.42 1.20 0.00	34.39 1.02 -0.01	31.07 1.03 -0.01	30.56 1.21 0.00	28.79 1.16 0.00	30.24 1.31 0.00	31.28 1.44 -0.08	35.69 1.70 0.00	42.10 1.91 0.00	52.44 1.88 0.00	85.90 2.91 0.00	83.56 2.14 0.00	86.95 2.09 0.00	50.00 1.06 0.00	39.77 1.13 0.00	37.85 1.32 0.00	36.47 1.46 0.00
NYPA_POUCH1____GT 24155	39.54 0.88 0.00	33.25 0.86 0.00	31.59 0.63 0.00	33.08 0.56 0.00	31.21 0.59 0.00	35.61 0.76 0.00	32.80 0.87 -0.01	39.28 1.06 0.00	34.27 0.90 -0.01	30.96 0.91 -0.01	30.44 1.10 0.00	28.67 1.04 0.00	30.10 1.17 0.00	31.14 1.30 -0.08	35.54 1.54 0.00	41.91 1.72 0.00	52.20 1.64 0.00	85.65 2.66 0.00	83.39 1.97 0.00	86.79 1.93 0.00	49.87 0.93 0.00	39.70 1.06 0.00	37.77 1.24 0.00	36.42 1.41 0.00
NYPA_VERNON____GT2 24162	39.57 0.92 0.00	33.34 0.94 0.00	31.71 0.75 0.00	33.21 0.69 0.00	31.33 0.71 0.00	35.73 0.89 0.00	32.93 1.00 -0.01	39.43 1.21 0.00	34.41 1.03 -0.01	31.08 1.04 -0.01	30.58 1.23 0.00	28.80 1.17 0.00	30.26 1.33 0.00	31.31 1.47 -0.08	35.71 1.72 0.00	42.12 1.93 0.00	52.46 1.90 0.00	85.83 2.84 0.00	83.49 2.07 0.00	86.88 2.02 0.00	49.99 1.05 0.00	39.75 1.11 0.00	37.84 1.31 0.00	36.45 1.44 0.00
NYPA_VERNON____GT3 24163	39.57 0.92 0.00	33.34 0.94 0.00	31.71 0.75 0.00	33.21 0.69 0.00	31.33 0.71 0.00	35.73 0.89 0.00	32.93 1.00 -0.01	39.43 1.21 0.00	34.41 1.03 -0.01	31.08 1.04 -0.01	30.58 1.23 0.00	28.80 1.17 0.00	30.26 1.33 0.00	31.31 1.47 -0.08	35.71 1.72 0.00	42.12 1.93 0.00	52.46 1.90 0.00	85.83 2.84 0.00	83.49 2.07 0.00	86.88 2.02 0.00	49.99 1.05 0.00	39.75 1.11 0.00	37.84 1.31 0.00	36.45 1.44 0.00
NYPA____ASTORIA_CC1 323568	39.55 0.89 0.00	33.34 0.94 0.00	31.71 0.75 0.00	33.21 0.69 0.00	31.33 0.71 0.00	35.73 0.89 0.00	32.93 1.01 -0.01	39.43 1.21 0.00	34.41 1.03 -0.01	31.08 1.03 -0.01	30.57 1.22 0.00	28.80 1.17 0.00	30.25 1.32 0.00	31.30 1.46 -0.08	35.71 1.71 0.00	42.10 1.91 0.00	52.43 1.87 0.00	85.79 2.80 0.00	83.46 2.03 0.00	86.85 1.99 0.00	49.96 1.02 0.00	39.74 1.09 0.00	37.83 1.30 0.00	36.43 1.42 0.00
NYPA____ASTORIA_CC2 323569	39.55 0.89 0.00	33.34 0.94 0.00	31.71 0.75 0.00	33.21 0.69 0.00	31.33 0.71 0.00	35.73 0.89 0.00	32.93 1.01 -0.01	39.43 1.21 0.00	34.41 1.03 -0.01	31.08 1.03 -0.01	30.57 1.22 0.00	28.80 1.17 0.00	30.25 1.32 0.00	31.30 1.46 -0.08	35.71 1.71 0.00	42.10 1.91 0.00	52.43 1.87 0.00	85.79 2.80 0.00	83.46 2.03 0.00	86.85 1.99 0.00	49.96 1.02 0.00	39.74 1.09 0.00	37.83 1.30 0.00	36.43 1.42 0.00
NYPA____HOLTSVILL 23794	36.05 0.12 2.72	4.53 0.23 28.10	25.57 0.04 5.42	25.25 -0.08 7.19	25.46 -0.04 5.12	32.15 0.01 2.70	32.09 0.17 0.00	38.45 0.24 0.00	33.48 0.11 0.00	30.34 0.31 0.00	26.25 0.75 3.85	25.11 0.79 3.32	25.38 0.92 4.47	31.86 0.97 -1.14	38.77 1.04 -3.73	41.13 0.94 0.00	51.13 0.57 0.00	59.88 0.43 23.54	42.14 -0.32 38.96	45.52 -0.64 38.70	46.99 -0.18 1.78	38.93 0.29 0.00	37.09 0.56 0.00	35.79 0.78 0.00
NYPA____HELLGATE_GT1 24158	39.65 1.00 0.00	33.39 1.00 0.00	31.75 0.79 0.00	33.24 0.73 0.00	31.37 0.75 0.00	35.79 0.94 0.00	32.97 1.04 -0.01	39.50 1.28 0.00	34.44 1.07 -0.01	31.04 1.00 -0.01	30.53 1.19 0.00	28.76 1.13 0.00	30.21 1.28 0.00	31.26 1.41 -0.08	35.67 1.67 0.00	42.06 1.87 0.00	52.45 1.89 0.00	85.84 2.84 0.00	83.49 2.07 0.00	86.87 2.01 0.00	49.99 1.05 0.00	39.75 1.10 0.00	37.89 1.36 0.00	36.46 1.45 0.00
NYPA____HELLGATE_GT2 24159	39.65 1.00 0.00	33.39 1.00 0.00	31.75 0.79 0.00	33.24 0.73 0.00	31.37 0.75 0.00	35.79 0.94 0.00	32.97 1.04 -0.01	39.50 1.28 0.00	34.44 1.07 -0.01	31.04 1.00 -0.01	30.53 1.19 0.00	28.76 1.13 0.00	30.21 1.28 0.00	31.26 1.41 -0.08	35.67 1.67 0.00	42.06 1.87 0.00	52.45 1.89 0.00	85.84 2.84 0.00	83.49 2.07 0.00	86.87 2.01 0.00	49.99 1.05 0.00	39.75 1.10 0.00	37.89 1.36 0.00	36.46 1.45 0.00
NYS_BARGE____HYD 23848	38.04 -0.61 0.00	32.07 -0.32 0.00	30.61 -0.35 0.00	32.21 -0.31 0.00	30.13 -0.49 0.00	34.20 -0.65 0.00	30.71 -1.21 0.00	36.36 -1.86 0.00	32.49 -0.88 0.00	29.72 -0.32 0.00	29.05 -0.29 0.00	27.60 -0.04 0.00	28.89 -0.04 0.00	29.70 -0.07 0.00	33.58 -0.42 0.00	39.67 -0.53 0.00	49.25 -1.31 0.00	80.03 -2.96 0.00	80.09 -1.34 0.00	83.13 -1.73 0.00	47.58 -1.37 0.00	37.32 -1.33 0.00	35.52 -1.02 0.00	34.24 -0.76 0.00
OAK ORCHARD____HYD 24046	38.62 -0.04 0.00	32.41 0.02 0.00	30.94 -0.02 0.00	32.51 -0.01 0.00	30.50 -0.12 0.00	34.66 -0.18 0.00	31.53 -0.39 0.00	37.63 -0.60 0.00	33.16 -0.21 0.00	29.99 -0.05 0.00	29.28 -0.07 0.00	27.73 0.09 0.00	29.07 0.14 0.00	29.92 0.16 0.00	34.08 0.09 0.00	40.24 0.04 0.00	50.46 -0.10 0.00	82.77 -0.22 0.00	81.97 0.55 0.00	85.24 0.38 0.00	48.85 -0.09 0.00	38.35 -0.30 0.00	36.28 -0.25 0.00	34.80 -0.21 0.00

OAKDALE___35_KV_LOAD 356122	38.55 -0.11 0.00	32.37 -0.02 0.00	30.91 -0.05 0.00	32.52 0.01 0.00	30.56 -0.06 0.00	34.84 -0.01 0.00	31.84 -0.08 0.00	38.09 -0.13 0.00	33.27 -0.09 0.00	29.98 -0.06 0.00	29.25 -0.10 0.00	27.64 0.01 0.00	28.94 0.01 0.00	29.77 -0.01 -0.01	34.00 0.01 0.00	40.30 0.11 0.00	50.69 0.13 0.00	82.94 -0.06 0.00	81.63 0.20 0.00	84.85 -0.01 0.00	48.86 -0.08 0.00	38.51 -0.13 0.00	36.48 -0.05 0.00	34.96 -0.05 0.00
OCC_CHEM___DRP 24175	37.70 -0.95 0.00	31.79 -0.60 0.00	30.37 -0.59 0.00	31.95 -0.57 0.00	29.88 -0.74 0.00	33.88 -0.97 0.00	30.30 -1.62 0.00	35.88 -2.34 0.00	32.12 -1.25 0.00	29.43 -0.60 0.00	28.76 -0.58 0.00	27.33 -0.30 0.00	28.62 -0.31 0.00	29.42 -0.34 0.00	33.24 -0.76 0.00	39.17 -1.03 0.00	48.54 -2.02 0.00	78.62 -4.37 0.00	78.47 -2.96 0.00	81.71 -3.15 0.00	46.79 -2.15 0.00	36.65 -1.99 0.00	34.89 -1.64 0.00	33.58 -1.43 0.00
OH_GEN_PROXY 24063	37.72 -0.94 0.00	31.80 -0.59 0.00	30.36 -0.60 0.00	31.95 -0.57 0.00	29.88 -0.74 0.00	33.92 -0.93 0.00	29.02 -1.42 1.48	36.21 -2.01 0.00	32.36 -1.01 0.00	29.60 -0.43 0.00	28.93 -0.42 0.00	27.50 -0.14 0.00	28.78 -0.15 0.00	29.57 -0.19 0.00	33.46 -0.54 0.00	39.41 -0.78 0.00	48.91 -1.65 0.00	79.32 -3.67 0.00	79.13 -2.29 0.00	82.36 -2.51 0.00	47.13 -1.82 0.00	36.90 -1.75 0.00	35.10 -1.43 0.00	33.78 -1.23 0.00
OLIN_CORP_DRP 24177	37.63 -1.03 0.00	31.74 -0.65 0.00	30.31 -0.65 0.00	31.89 -0.63 0.00	29.84 -0.78 0.00	33.85 -0.99 0.00	30.38 -1.54 0.00	35.89 -2.33 0.00	32.10 -1.27 0.00	29.44 -0.59 0.00	28.83 -0.51 0.00	27.39 -0.25 0.00	28.67 -0.26 0.00	29.47 -0.29 0.00	33.31 -0.68 0.00	39.30 -0.90 0.00	48.70 -1.85 0.00	78.95 -4.04 0.00	78.87 -2.56 0.00	81.79 -3.07 0.00	46.86 -2.08 0.00	36.81 -1.83 0.00	35.07 -1.46 0.00	33.87 -1.14 0.00
OLIN_CORP_DSASP 323712	37.70 -0.95 0.00	31.79 -0.60 0.00	30.37 -0.59 0.00	31.95 -0.57 0.00	29.88 -0.74 0.00	33.88 -0.97 0.00	30.30 -1.62 0.00	35.88 -2.34 0.00	32.12 -1.24 0.00	29.43 -0.60 0.00	28.76 -0.58 0.00	27.34 -0.29 0.00	28.62 -0.31 0.00	29.42 -0.34 0.00	33.24 -0.76 0.00	39.17 -1.03 0.00	48.54 -2.02 0.00	78.61 -4.38 0.00	78.50 -2.93 0.00	81.73 -3.13 0.00	46.78 -2.16 0.00	36.65 -2.00 0.00	34.89 -1.64 0.00	33.58 -1.43 0.00
ONEIDA_HERK_LFGE 323681	39.37 0.71 0.00	32.94 0.54 0.00	31.51 0.56 0.00	33.12 0.60 0.00	31.15 0.53 0.00	35.57 0.72 0.00	32.63 0.70 0.00	39.19 0.97 0.00	34.08 0.72 0.00	30.49 0.46 0.00	29.68 0.34 0.00	27.91 0.27 0.00	29.18 0.25 0.00	29.97 0.21 0.00	34.18 0.18 0.00	40.46 0.26 0.00	51.28 0.72 0.00	85.23 2.23 0.00	84.17 2.72 0.00	87.58 2.72 0.00	50.26 1.32 0.00	39.54 0.89 0.00	37.44 0.91 0.00	35.86 0.85 0.00
ONEIDA___115KV_TB4 55905	39.53 0.87 0.00	33.08 0.69 0.00	31.62 0.66 0.00	33.24 0.72 0.00	31.27 0.65 0.00	35.63 0.78 0.00	32.64 0.71 0.00	39.17 0.95 0.00	34.04 0.67 0.00	30.41 0.37 0.00	29.62 0.28 0.00	27.88 0.24 0.00	29.18 0.25 0.00	30.03 0.27 0.00	34.30 0.31 0.00	40.67 0.47 0.00	51.41 0.85 0.00	85.22 2.23 0.00	84.07 2.65 0.00	87.49 2.63 0.00	50.28 1.34 0.00	39.59 0.95 0.00	37.41 0.88 0.00	35.78 0.78 0.00
ONONDAGA_REF_OCCRA 23987	38.75 0.10 0.00	32.46 0.07 0.00	31.00 0.04 0.00	32.57 0.06 0.00	30.64 0.02 0.00	34.84 0.00 0.00	31.89 -0.03 0.00	38.19 -0.03 0.00	33.30 -0.06 0.00	29.89 -0.15 0.00	29.16 -0.18 0.00	27.50 -0.13 0.00	28.80 -0.13 0.00	29.65 -0.11 0.00	33.88 -0.12 0.00	40.11 -0.08 0.00	50.54 -0.01 0.00	83.30 0.31 0.00	82.03 0.60 0.00	85.39 0.53 0.00	49.12 0.18 0.00	38.71 0.07 0.00	36.58 0.05 0.00	35.04 0.03 0.00
ONONDAGA___COGEN 23986	38.64 -0.01 0.00	32.38 -0.01 0.00	30.91 -0.05 0.00	32.50 -0.02 0.00	30.55 -0.07 0.00	34.76 -0.09 0.00	31.81 -0.11 0.00	38.08 -0.14 0.00	33.21 -0.16 0.00	29.81 -0.23 0.00	29.07 -0.27 0.00	27.43 -0.20 0.00	28.72 -0.21 0.00	29.57 -0.20 0.00	33.78 -0.22 0.00	39.99 -0.20 0.00	50.43 -0.12 0.00	83.06 0.07 0.00	81.71 0.29 0.00	85.03 0.17 0.00	48.93 -0.01 0.00	38.59 -0.05 0.00	36.47 -0.07 0.00	34.93 -0.08 0.00
ONTARIO___LFGE 23819	38.77 0.11 0.00	32.61 0.22 0.00	31.13 0.17 0.00	32.74 0.23 0.00	30.75 0.13 0.00	35.03 0.19 0.00	31.97 0.05 0.00	38.06 -0.15 0.00	33.38 0.02 0.00	29.99 -0.04 0.00	29.16 -0.19 0.00	27.57 -0.07 0.00	28.86 -0.07 0.00	29.69 -0.07 0.00	33.90 -0.10 0.00	40.05 -0.14 0.00	50.47 -0.09 0.00	83.19 0.20 0.00	82.66 1.24 0.00	85.93 1.07 0.00	49.36 0.42 0.00	38.73 0.08 0.00	36.67 0.14 0.00	35.12 0.11 0.00
ORANGEVILLE_WT_PWR 323706	38.07 -0.58 0.00	32.12 -0.27 0.00	30.66 -0.30 0.00	32.32 -0.19 0.00	30.26 -0.36 0.00	34.42 -0.42 0.00	31.07 -0.85 0.00	36.94 -1.28 0.00	32.68 -0.69 0.00	29.67 -0.37 0.00	28.89 -0.46 0.00	27.45 -0.18 0.00	28.71 -0.22 0.00	29.50 -0.26 0.00	33.46 -0.54 0.00	39.60 -0.60 0.00	49.48 -1.08 0.00	80.87 -2.12 0.00	80.98 -0.44 0.00	84.17 -0.69 0.00	48.22 -0.73 0.00	37.68 -0.96 0.00	35.76 -0.77 0.00	34.32 -0.69 0.00
ORANGEVILLE___ESR 323794	38.07 -0.58 0.00	32.12 -0.27 0.00	30.66 -0.30 0.00	32.32 -0.19 0.00	30.26 -0.36 0.00	34.42 -0.42 0.00	31.07 -0.85 0.00	36.94 -1.28 0.00	32.68 -0.69 0.00	29.67 -0.37 0.00	28.89 -0.46 0.00	27.45 -0.18 0.00	28.71 -0.22 0.00	29.50 -0.26 0.00	33.46 -0.54 0.00	39.60 -0.60 0.00	49.48 -1.08 0.00	80.87 -2.12 0.00	80.98 -0.44 0.00	84.17 -0.69 0.00	48.22 -0.73 0.00	37.68 -0.96 0.00	35.76 -0.77 0.00	34.32 -0.69 0.00
OSWEGATCHIE___HYD 24044	39.49 0.84 0.00	33.03 0.64 0.00	31.61 0.65 0.00	33.24 0.72 0.00	31.24 0.63 0.00	35.74 0.89 0.00	32.75 0.83 0.00	39.34 1.12 0.00	34.39 1.02 0.00	30.84 0.80 0.00	29.94 0.60 0.00	28.15 0.52 0.00	29.37 0.44 0.00	30.13 0.37 0.00	34.31 0.32 0.00	40.49 0.29 0.00	51.35 0.79 0.00	85.57 2.57 0.00	85.07 3.65 0.00	88.76 3.90 0.00	50.89 1.95 0.00	39.97 1.33 0.00	37.80 1.27 0.00	36.14 1.13 0.00
OSWEGO___5 23606	38.00 -0.65 0.00	31.84 -0.55 0.00	30.42 -0.54 0.00	31.96 -0.55 0.00	30.06 -0.56 0.00	34.16 -0.68 0.00	31.27 -0.65 0.00	37.43 -0.79 0.00	32.68 -0.68 0.00	29.40 -0.64 0.00	28.69 -0.65 0.00	27.06 -0.58 0.00	28.32 -0.60 0.00	29.15 -0.61 0.00	33.30 -0.70 0.00	39.37 -0.82 0.00	49.55 -1.00 0.00	81.45 -1.54 0.00	80.08 -1.35 0.00	83.37 -1.49 0.00	48.02 -0.92 0.00	37.88 -0.76 0.00	35.82 -0.71 0.00	34.33 -0.68 0.00
OSWEGO___6 23613	38.00 -0.65 0.00	31.84 -0.55 0.00	30.42 -0.54 0.00	31.96 -0.55 0.00	30.06 -0.56 0.00	34.16 -0.68 0.00	31.27 -0.65 0.00	37.43 -0.79 0.00	32.68 -0.68 0.00	29.40 -0.64 0.00	28.69 -0.65 0.00	27.06 -0.58 0.00	28.32 -0.60 0.00	29.15 -0.61 0.00	33.30 -0.70 0.00	39.37 -0.82 0.00	49.55 -1.00 0.00	81.45 -1.54 0.00	80.08 -1.35 0.00	83.37 -1.49 0.00	48.02 -0.92 0.00	37.88 -0.76 0.00	35.82 -0.71 0.00	34.33 -0.68 0.00

OUTOKUMPU-AB___DRP 24206	38.29 -0.37 0.00	32.28 -0.11 0.00	30.80 -0.15 0.00	32.41 -0.10 0.00	30.32 -0.30 0.00	34.41 -0.43 0.00	30.87 -1.05 0.00	36.61 -1.61 0.00	32.70 -0.67 0.00	29.93 -0.10 0.00	29.26 -0.08 0.00	27.80 0.17 0.00	29.12 0.18 0.00	29.93 0.17 0.00	33.85 -0.15 0.00	40.04 -0.15 0.00	49.74 -0.82 0.00	80.74 -2.25 0.00	80.68 -0.75 0.00	83.80 -1.06 0.00	47.97 -0.98 0.00	37.55 -1.09 0.00	35.72 -0.81 0.00	34.35 -0.65 0.00
OXBOW___BTM 323836	38.06 -0.60 0.00	32.09 -0.30 0.00	30.64 -0.32 0.00	32.23 -0.29 0.00	30.14 -0.48 0.00	34.20 -0.65 0.00	30.63 -1.29 0.00	36.30 -1.92 0.00	32.47 -0.89 0.00	29.74 -0.30 0.00	29.06 -0.28 0.00	27.63 -0.01 0.00	28.92 -0.01 0.00	29.73 -0.03 0.00	33.61 -0.38 0.00	39.70 -0.50 0.00	49.26 -1.29 0.00	79.89 -3.10 0.00	79.81 -1.61 0.00	83.00 -1.86 0.00	47.50 -1.45 0.00	37.19 -1.46 0.00	35.39 -1.15 0.00	34.04 -0.97 0.00
OXBOW___ 24026	38.06 -0.59 0.00	32.09 -0.30 0.00	30.64 -0.32 0.00	32.23 -0.29 0.00	30.14 -0.48 0.00	34.20 -0.65 0.00	30.64 -1.29 0.00	36.30 -1.92 0.00	32.46 -0.90 0.00	29.74 -0.30 0.00	29.06 -0.28 0.00	27.62 -0.02 0.00	28.93 0.00 0.00	29.73 -0.03 0.00	33.61 -0.38 0.00	39.70 -0.50 0.00	49.26 -1.30 0.00	79.89 -3.11 0.00	79.79 -1.63 0.00	82.96 -1.90 0.00	47.49 -1.45 0.00	37.19 -1.46 0.00	35.39 -1.15 0.00	34.04 -0.97 0.00
OXY_CHEM_DSASP 323612	37.70 -0.95 0.00	31.79 -0.60 0.00	30.37 -0.59 0.00	31.95 -0.57 0.00	29.88 -0.74 0.00	33.88 -0.97 0.00	30.30 -1.62 0.00	35.88 -2.34 0.00	32.12 -1.25 0.00	29.43 -0.60 0.00	28.76 -0.58 0.00	27.33 -0.30 0.00	28.62 -0.31 0.00	29.42 -0.34 0.00	33.24 -0.76 0.00	39.17 -1.03 0.00	48.54 -2.02 0.00	78.62 -4.37 0.00	78.47 -2.96 0.00	81.71 -3.15 0.00	46.79 -2.15 0.00	36.65 -1.99 0.00	34.89 -1.64 0.00	33.58 -1.43 0.00
OZONE_PARK_ESR 323760	39.84 1.19 0.00	33.49 1.10 0.00	31.84 0.89 0.00	33.34 0.83 0.00	31.46 0.84 0.00	35.87 1.03 0.00	33.06 1.14 0.00	39.62 1.40 0.00	34.56 1.20 0.00	31.22 1.19 0.00	30.71 1.37 0.00	28.95 1.31 0.00	30.40 1.46 0.00	31.46 1.62 -0.08	35.92 1.93 0.00	42.43 2.24 0.00	52.93 2.38 0.00	86.62 3.62 0.00	84.27 2.84 0.00	87.74 2.87 0.00	50.49 1.54 0.00	40.09 1.45 0.00	38.14 1.61 0.00	36.70 1.69 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	37.70 -0.95 0.00	31.79 -0.60 0.00	30.37 -0.59 0.00	31.95 -0.57 0.00	29.88 -0.74 0.00	33.88 -0.97 0.00	30.30 -1.62 0.00	35.88 -2.34 0.00	32.12 -1.25 0.00	29.43 -0.60 0.00	28.76 -0.58 0.00	27.33 -0.30 0.00	28.62 -0.31 0.00	29.42 -0.34 0.00	33.24 -0.76 0.00	39.17 -1.03 0.00	48.54 -2.02 0.00	78.62 -4.37 0.00	78.47 -2.96 0.00	81.71 -3.15 0.00	46.79 -2.15 0.00	36.65 -1.99 0.00	34.89 -1.64 0.00	33.58 -1.43 0.00
PACKARD___115KV_DUPONT_184 80571	37.70 -0.95 0.00	31.79 -0.60 0.00	30.37 -0.59 0.00	31.95 -0.57 0.00	29.88 -0.74 0.00	33.88 -0.97 0.00	30.30 -1.62 0.00	35.88 -2.34 0.00	32.12 -1.25 0.00	29.43 -0.60 0.00	28.76 -0.58 0.00	27.33 -0.30 0.00	28.62 -0.31 0.00	29.42 -0.34 0.00	33.24 -0.76 0.00	39.17 -1.03 0.00	48.54 -2.02 0.00	78.62 -4.37 0.00	78.47 -2.96 0.00	81.71 -3.15 0.00	46.79 -2.15 0.00	36.65 -1.99 0.00	34.89 -1.64 0.00	33.58 -1.43 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	39.55 0.90 0.00	33.31 0.91 0.00	31.68 0.71 0.00	33.18 0.66 0.00	31.30 0.68 0.00	35.70 0.85 0.00	32.90 0.97 -0.01	39.41 1.19 0.00	34.37 1.00 -0.01	30.97 0.93 -0.01	30.46 1.12 0.00	28.70 1.06 0.00	30.14 1.21 0.00	31.18 1.34 -0.08	35.57 1.58 0.00	41.98 1.78 0.00	52.36 1.80 0.00	85.75 2.76 0.00	83.41 1.99 0.00	86.80 1.94 0.00	49.95 1.00 0.00	39.71 1.06 0.00	37.81 1.28 0.00	36.36 1.35 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	40.26 1.61 0.00	33.87 1.48 0.00	32.24 1.28 0.00	33.77 1.25 0.00	31.87 1.25 0.00	36.38 1.53 0.00	33.53 1.60 -0.01	40.16 1.94 0.00	35.03 1.66 -0.01	31.58 1.53 -0.01	31.05 1.70 0.00	29.24 1.61 0.00	30.72 1.79 0.00	31.77 1.93 -0.08	36.25 2.26 0.00	42.81 2.61 0.00	53.41 2.86 0.00	87.43 4.44 0.00	85.07 3.65 0.00	88.53 3.67 0.00	50.91 1.97 0.00	40.48 1.83 0.00	38.55 2.02 0.00	37.08 2.07 0.00
PATROON___115KV_TB1 80586	38.72 0.06 0.00	32.46 0.06 0.00	31.05 0.09 0.00	32.55 0.03 0.00	30.75 0.12 0.00	34.92 0.08 0.00	32.16 0.23 0.00	38.55 0.33 0.00	33.45 0.08 0.00	29.99 -0.04 0.00	29.35 0.01 0.00	27.57 -0.06 0.00	28.86 -0.07 0.00	29.65 -0.06 0.05	33.92 -0.07 0.00	40.06 -0.14 0.00	50.39 -0.16 0.00	82.70 -0.29 0.00	80.61 -0.81 0.00	84.11 -0.75 0.00	48.69 -0.25 0.00	38.56 -0.08 0.00	36.44 -0.09 0.00	35.00 -0.01 0.00
PATTRSNVILLE___SOLAR 323815	39.29 0.63 0.00	32.92 0.52 0.00	31.44 0.48 0.00	32.99 0.48 0.00	31.11 0.49 0.00	35.44 0.60 0.00	32.52 0.60 0.00	38.94 0.72 0.00	33.60 0.24 0.00	29.98 -0.06 0.00	29.25 -0.09 0.00	27.51 -0.13 0.00	28.82 -0.11 0.00	29.64 -0.09 0.04	33.93 -0.07 0.00	40.18 -0.01 0.00	50.74 0.18 0.00	83.95 0.96 0.00	82.83 1.41 0.00	86.44 1.58 0.00	49.87 0.92 0.00	39.39 0.74 0.00	37.23 0.70 0.00	35.67 0.66 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	38.11 -0.55 0.00	32.13 -0.26 0.00	30.65 -0.31 0.00	32.27 -0.25 0.00	30.19 -0.44 0.00	34.32 -0.52 0.00	30.93 -0.99 0.00	36.80 -1.42 0.00	32.78 -0.58 0.00	29.94 -0.09 0.00	29.23 -0.12 0.00	27.78 0.15 0.00	29.09 0.16 0.00	29.88 0.12 0.00	33.82 -0.17 0.00	40.13 -0.07 0.00	49.98 -0.58 0.00	81.16 -1.84 0.00	81.05 -0.38 0.00	84.16 -0.71 0.00	48.14 -0.81 0.00	37.64 -1.00 0.00	35.76 -0.78 0.00	34.34 -0.67 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	39.61 0.96 0.00	33.24 0.85 0.00	31.65 0.69 0.00	33.16 0.64 0.00	31.29 0.67 0.00	35.68 0.83 0.00	32.83 0.91 0.00	39.38 1.16 0.00	34.31 0.94 0.00	30.94 0.91 0.00	30.38 1.04 0.00	28.60 0.97 0.00	29.99 1.06 0.00	31.02 1.19 -0.07	35.43 1.44 0.00	41.95 1.76 0.00	52.51 1.95 0.00	85.99 2.99 0.00	83.70 2.27 0.00	87.15 2.29 0.00	50.20 1.26 0.00	39.82 1.17 0.00	37.76 1.23 0.00	36.29 1.29 0.00
PEEKSKILL___ 23653	39.28 0.62 0.00	32.97 0.57 0.00	31.38 0.42 0.00	32.87 0.35 0.00	31.02 0.39 0.00	35.37 0.53 0.00	32.57 0.64 0.00	39.03 0.81 0.00	33.99 0.62 0.00	30.67 0.64 0.00	30.14 0.80 0.00	28.39 0.75 0.00	29.79 0.86 0.00	30.82 0.98 -0.08	35.17 1.18 0.00	41.59 1.39 0.00	51.99 1.43 0.00	85.10 2.11 0.00	82.80 1.37 0.00	86.18 1.32 0.00	49.62 0.67 0.00	39.40 0.76 0.00	37.43 0.90 0.00	36.03 1.02 0.00
PGE MADISON___WINDPWR 24146	40.63 1.98 0.00	34.06 1.67 0.00	32.50 1.54 0.00	34.24 1.72 0.00	32.20 1.57 0.00	36.78 1.93 0.00	33.67 1.75 0.00	40.42 2.20 0.00	35.08 1.71 0.00	31.15 1.11 0.00	30.13 0.79 0.00	28.34 0.71 0.00	29.67 0.75 0.00	30.56 0.79 -0.01	34.90 0.90 0.00	41.63 1.43 0.00	52.90 2.35 0.00	88.01 5.02 0.00	87.48 6.05 0.00	91.11 6.25 0.00	52.32 3.38 0.00	41.12 2.48 0.00	38.80 2.27 0.00	37.07 2.06 0.00

PIERCEFIELD___HYD 23852	39.64 0.98 0.00	33.16 0.77 0.00	31.71 0.75 0.00	33.34 0.83 0.00	31.40 0.78 0.00	35.82 0.98 0.00	32.78 0.86 0.00	39.28 1.06 0.00	34.49 1.13 0.00	31.10 1.07 0.00	30.24 0.90 0.00	28.43 0.79 0.00	29.69 0.77 0.00	30.49 0.73 0.00	34.80 0.80 0.00	41.13 0.93 0.00	51.94 1.38 0.00	85.87 2.88 0.00	85.11 3.69 0.00	88.93 4.07 0.00	51.18 2.24 0.00	40.18 1.53 0.00	37.86 1.33 0.00	36.10 1.09 0.00
PINELAWN_CC_1 323563	39.18 0.64 0.12	31.80 0.60 1.20	31.12 0.40 0.23	32.49 0.29 0.31	30.71 0.31 0.22	35.12 0.39 0.12	32.43 0.50 0.00	38.84 0.62 0.00	33.82 0.45 0.00	30.64 0.61 0.00	30.17 0.99 0.17	28.49 1.00 0.14	29.88 1.14 0.19	43.39 1.22 -12.41	39.48 1.34 -4.14	41.57 1.37 0.00	51.74 1.18 0.00	63.26 1.51 21.25	46.96 0.63 35.10	51.53 0.56 33.89	47.82 0.44 1.55	39.39 0.74 0.00	37.48 0.95 0.00	36.15 1.14 0.00
PJM_GEN_HTTP_PROXY 323702	39.47 0.81 0.00	33.19 0.80 0.00	31.57 0.61 0.00	33.07 0.55 0.00	31.21 0.59 0.00	35.59 0.75 0.00	32.79 0.87 0.00	39.29 1.07 0.00	34.25 0.88 0.00	30.93 0.89 0.00	30.42 1.08 0.00	28.65 1.01 0.00	30.08 1.15 0.00	31.13 1.29 -0.08	35.52 1.53 0.00	41.94 1.74 0.00	52.32 1.76 0.00	85.60 2.60 0.00	83.25 1.82 0.00	86.63 1.77 0.00	49.87 0.93 0.00	39.54 0.99 0.09	37.69 1.16 0.00	36.28 1.27 0.00
PJM_GEN_KEystone 24065	27.44 -0.30 10.91	31.79 -0.10 0.50	26.30 -0.20 4.45	33.81 -0.20 -1.49	30.38 -0.24 0.00	34.66 -0.19 0.00	31.63 -0.29 0.00	37.83 -0.39 0.00	33.20 -0.17 0.00	30.07 0.04 0.00	29.45 0.11 0.00	27.86 0.23 0.00	29.22 0.29 0.00	30.09 0.29 -0.04	29.04 0.26 5.21	40.54 0.35 0.00	51.48 0.09 -0.83	82.59 -0.40 0.00	81.15 -0.27 0.00	84.04 -0.51 0.31	44.92 -0.56 3.47	36.48 -0.47 1.69	36.30 -0.23 0.00	34.95 -0.05 0.00
PJM_GEN_NEPTUNE_PROXY 323594	39.09 0.44 0.00	32.81 0.42 0.00	31.20 0.24 0.00	32.66 0.15 0.00	30.80 0.18 0.00	35.11 0.26 0.00	32.32 0.39 0.00	38.70 0.48 0.00	33.72 0.35 0.00	30.55 0.52 0.00	30.22 0.87 0.00	28.51 0.87 0.00	29.93 1.00 0.00	41.68 1.07 -10.85	38.69 1.21 -3.49	41.44 1.24 0.00	51.55 0.99 0.00	58.80 1.16 25.35	39.76 0.29 41.95	43.45 0.26 41.67	47.26 0.23 1.92	39.12 0.56 0.09	37.27 0.74 0.00	35.95 0.95 0.00
PJM_GEN_VFT_PROXY 323633	39.23 0.58 0.00	33.01 0.62 0.00	31.39 0.43 0.00	32.87 0.35 0.00	31.03 0.41 0.00	35.38 0.53 0.00	32.60 0.68 0.00	39.07 0.85 0.00	34.06 0.69 0.00	30.77 0.74 0.00	30.26 0.92 0.00	28.51 0.87 0.00	29.92 1.00 0.00	30.97 1.13 -0.08	35.33 1.34 0.00	41.74 1.54 0.00	52.07 1.52 0.00	85.22 2.23 0.00	82.90 1.48 0.00	86.28 1.42 0.00	49.63 0.68 0.00	39.35 0.79 0.09	37.52 0.99 0.00	36.11 1.10 0.00
PLATSBURG_115KV_PMLD1 355749	39.26 0.60 0.00	32.70 0.31 0.00	31.12 0.16 0.00	32.80 0.28 0.00	31.01 0.38 0.00	35.62 0.77 0.00	32.88 0.96 0.00	39.34 1.12 0.00	34.76 1.40 0.00	31.48 1.44 0.00	30.75 1.41 0.00	28.99 1.35 0.00	30.25 1.32 0.00	31.11 1.35 0.00	35.62 1.62 0.00	42.34 2.15 0.00	53.84 3.29 0.00	88.95 5.96 0.00	86.87 5.45 0.00	91.02 6.16 0.00	52.37 3.43 0.00	41.12 2.47 0.00	38.62 2.09 0.00	36.58 1.57 0.00
PLEASANTVLY___LBMP 24000	39.13 0.48 0.00	32.83 0.44 0.00	31.28 0.32 0.00	32.79 0.27 0.00	30.93 0.30 0.00	35.26 0.41 0.00	32.45 0.53 0.00	38.88 0.66 0.00	33.83 0.46 0.00	30.51 0.47 0.00	29.94 0.60 0.00	28.18 0.55 0.00	29.55 0.61 0.00	30.54 0.69 -0.09	34.84 0.84 0.00	41.23 1.03 0.00	51.59 1.03 0.00	84.43 1.44 0.00	82.11 0.69 0.00	85.53 0.67 0.00	49.36 0.41 0.00	39.17 0.53 0.00	37.16 0.63 0.00	35.74 0.73 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	39.43 0.78 0.00	33.13 0.74 0.00	31.53 0.57 0.00	33.02 0.51 0.00	31.15 0.54 0.00	35.53 0.68 0.00	32.72 0.80 0.00	39.21 0.99 0.00	34.16 0.79 0.00	30.84 0.80 0.00	30.31 0.97 0.00	28.55 0.92 0.00	29.96 1.03 0.00	31.00 1.15 -0.08	35.38 1.38 0.00	41.81 1.61 0.00	52.22 1.66 0.00	85.43 2.44 0.00	83.12 1.70 0.00	86.55 1.69 0.00	49.84 0.90 0.00	39.58 0.93 0.00	37.61 1.08 0.00	36.20 1.19 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	39.43 0.78 0.00	33.13 0.74 0.00	31.53 0.57 0.00	33.02 0.51 0.00	31.15 0.54 0.00	35.53 0.68 0.00	32.72 0.80 0.00	39.21 0.99 0.00	34.16 0.79 0.00	30.84 0.80 0.00	30.31 0.97 0.00	28.55 0.92 0.00	29.96 1.03 0.00	31.00 1.15 -0.08	35.38 1.38 0.00	41.81 1.61 0.00	52.22 1.66 0.00	85.43 2.44 0.00	83.12 1.70 0.00	86.55 1.69 0.00	49.84 0.90 0.00	39.58 0.93 0.00	37.61 1.08 0.00	36.20 1.19 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	39.46 0.80 0.00	33.08 0.69 0.00	31.52 0.56 0.00	33.02 0.51 0.00	31.16 0.54 0.00	35.53 0.68 0.00	32.69 0.77 0.00	39.19 0.96 0.00	34.10 0.74 0.00	30.73 0.69 0.00	30.13 0.79 0.00	28.35 0.71 0.00	29.71 0.78 0.00	30.64 0.87 -0.01	35.08 1.08 0.00	41.57 1.37 0.00	52.10 1.54 0.00	85.43 2.43 0.00	83.17 1.74 0.00	86.58 1.72 0.00	49.91 0.97 0.00	39.59 0.94 0.00	37.52 0.99 0.00	36.04 1.03 0.00
POLETTI____ 23519	34.05 0.62 5.22	33.07 0.68 0.00	31.44 0.48 0.00	32.92 0.40 0.00	31.06 0.44 0.00	35.44 0.59 0.00	32.65 0.73 -0.01	39.12 0.90 0.00	34.11 0.74 -0.01	30.25 0.70 0.49	30.24 0.90 0.00	28.49 0.86 0.00	29.92 0.99 0.00	30.96 1.12 -0.08	35.34 1.34 0.00	39.59 1.47 2.08	51.96 1.40 0.00	85.06 2.07 0.00	82.72 1.30 0.00	84.95 1.24 1.15	49.54 0.59 0.00	36.96 0.74 2.43	37.55 1.03 0.00	36.11 1.10 0.00
POMONA___ESR 323819	39.28 0.63 0.00	32.97 0.58 0.00	31.38 0.42 0.00	32.87 0.35 0.00	31.01 0.39 0.00	35.38 0.53 0.00	32.56 0.64 0.00	39.03 0.81 0.00	33.98 0.62 0.00	30.66 0.63 0.00	30.13 0.79 0.00	28.39 0.76 0.00	29.80 0.87 0.00	30.82 0.99 -0.08	35.19 1.19 0.00	41.64 1.44 0.00	52.10 1.54 0.00	85.29 2.30 0.00	82.96 1.53 0.00	86.33 1.47 0.00	49.66 0.72 0.00	39.43 0.78 0.00	37.45 0.91 0.00	36.06 1.05 0.00
PORT_JEFF_3 23555	36.09 0.19 2.76	4.17 0.28 28.50	25.54 0.08 5.50	25.19 -0.04 7.29	25.44 0.01 5.20	32.16 0.06 2.74	32.14 0.22 0.00	38.52 0.30 0.00	33.54 0.18 0.00	30.39 0.36 0.00	26.23 0.80 3.91	25.11 0.83 3.37	25.37 0.97 4.53	31.78 1.02 -1.00	38.85 1.11 -3.74	41.24 1.04 0.00	51.27 0.72 0.00	60.04 0.55 23.50	42.31 -0.21 38.90	45.70 -0.52 38.63	47.15 -0.03 1.78	39.04 0.40 0.00	37.19 0.66 0.00	35.88 0.87 0.00
PORT_JEFF_4 23616	36.09 0.19 2.76	4.17 0.28 28.50	25.54 0.08 5.50	25.19 -0.04 7.29	25.44 0.01 5.20	32.16 0.06 2.74	32.14 0.22 0.00	38.52 0.30 0.00	33.54 0.18 0.00	30.39 0.36 0.00	26.23 0.80 3.91	25.11 0.83 3.37	25.37 0.97 4.53	31.78 1.02 -1.00	38.85 1.11 -3.74	41.24 1.04 0.00	51.27 0.72 0.00	60.04 0.55 23.50	42.31 -0.21 38.90	45.70 -0.52 38.63	47.15 -0.03 1.78	39.04 0.40 0.00	37.19 0.66 0.00	35.88 0.87 0.00

PORT_JEFF_IC 23713	35.99 0.23 2.90	2.72 0.31 29.97	25.28 0.11 5.79	24.84 -0.01 7.67	25.19 0.03 5.47	32.05 0.08 2.88	32.17 0.25 0.00	38.55 0.34 0.00	33.58 0.22 0.00	30.43 0.39 0.00	26.06 0.82 4.11	24.95 0.86 3.54	25.15 1.00 4.77	31.32 1.05 -0.50	38.91 1.16 -3.76	41.32 1.12 0.00	51.35 0.79 0.00	59.99 0.38 23.38	42.40 -0.33 38.70	45.82 -0.60 38.44	47.22 0.04 1.77	39.10 0.46 0.00	37.24 0.71 0.00	35.92 0.91 0.00
PPL PILGRIM_ST_GT1 24216	39.14 0.75 0.27	30.36 0.76 2.80	30.97 0.55 0.54	32.25 0.45 0.71	30.57 0.46 0.51	35.09 0.51 0.27	32.46 0.54 0.00	38.88 0.66 0.00	33.86 0.50 0.00	30.69 0.66 0.00	30.15 1.19 0.38	28.52 1.21 0.33	29.85 1.37 0.44	42.05 1.43 -10.86	39.32 1.49 -3.83	41.68 1.48 0.00	51.86 1.31 0.00	61.77 1.61 22.83	43.81 0.18 37.79	47.46 0.13 37.53	47.61 0.39 1.73	39.46 0.81 0.00	37.59 1.06 0.00	36.28 1.28 0.00
PPL PILGRIM_ST_GT2 24217	39.14 0.75 0.27	30.36 0.76 2.80	30.97 0.55 0.54	32.25 0.45 0.71	30.57 0.46 0.51	35.09 0.51 0.27	32.46 0.54 0.00	38.88 0.66 0.00	33.86 0.50 0.00	30.69 0.66 0.00	30.15 1.19 0.38	28.52 1.21 0.33	29.85 1.37 0.44	42.05 1.43 -10.86	39.32 1.49 -3.83	41.68 1.48 0.00	51.86 1.31 0.00	61.77 1.61 22.83	43.81 0.18 37.79	47.46 0.13 37.53	47.61 0.39 1.73	39.46 0.81 0.00	37.59 1.06 0.00	36.28 1.28 0.00
PPL_SHRM_GT3 24213	35.54 -0.38 2.74	3.93 -0.17 28.30	25.17 -0.32 5.47	24.80 -0.48 7.24	25.06 -0.41 5.16	31.73 -0.39 2.72	31.76 -0.16 0.00	38.09 -0.13 0.00	33.14 -0.22 0.00	30.02 -0.01 0.00	25.90 0.44 3.88	24.78 0.49 3.34	25.03 0.60 4.50	31.50 0.63 -1.10	38.40 0.66 -3.75	40.76 0.56 0.00	50.71 0.15 0.00	59.51 -0.04 23.44	41.90 -0.73 38.80	45.18 -1.15 38.54	46.65 -0.52 1.77	38.66 0.01 0.00	36.82 0.29 0.00	35.50 0.50 0.00
PPL_SHRM_GT4 24214	35.54 -0.38 2.74	3.93 -0.17 28.30	25.17 -0.32 5.47	24.80 -0.48 7.24	25.06 -0.41 5.16	31.73 -0.39 2.72	31.76 -0.16 0.00	38.09 -0.13 0.00	33.14 -0.22 0.00	30.02 -0.01 0.00	25.90 0.44 3.88	24.78 0.49 3.34	25.03 0.60 4.50	31.50 0.63 -1.10	38.40 0.66 -3.75	40.76 0.56 0.00	50.71 0.15 0.00	59.51 -0.04 23.44	41.90 -0.73 38.80	45.18 -1.15 38.54	46.65 -0.52 1.77	38.66 0.01 0.00	36.82 0.29 0.00	35.50 0.50 0.00
PROJECT___ORANGE 1 24174	38.48 -0.17 0.00	32.24 -0.15 0.00	30.80 -0.16 0.00	32.35 -0.17 0.00	30.42 -0.20 0.00	34.60 -0.25 0.00	31.65 -0.27 0.00	37.90 -0.32 0.00	33.07 -0.30 0.00	29.72 -0.31 0.00	29.02 -0.33 0.00	27.37 -0.26 0.00	28.67 -0.26 0.00	29.52 -0.25 0.00	33.72 -0.28 0.00	39.89 -0.30 0.00	50.23 -0.33 0.00	82.65 -0.34 0.00	81.29 -0.14 0.00	84.60 -0.26 0.00	48.67 -0.27 0.00	38.38 -0.26 0.00	36.28 -0.25 0.00	34.76 -0.25 0.00
PROJECT___ORANGE 2 24166	38.48 -0.17 0.00	32.24 -0.15 0.00	30.80 -0.16 0.00	32.35 -0.17 0.00	30.42 -0.20 0.00	34.60 -0.25 0.00	31.65 -0.27 0.00	37.90 -0.32 0.00	33.07 -0.30 0.00	29.72 -0.31 0.00	29.02 -0.33 0.00	27.37 -0.26 0.00	28.67 -0.26 0.00	29.52 -0.25 0.00	33.72 -0.28 0.00	39.89 -0.30 0.00	50.23 -0.33 0.00	82.65 -0.34 0.00	81.29 -0.14 0.00	84.60 -0.26 0.00	48.67 -0.27 0.00	38.38 -0.26 0.00	36.28 -0.25 0.00	34.76 -0.25 0.00
PUCKETT___SOLAR 323809	39.05 0.39 0.00	32.76 0.37 0.00	31.27 0.31 0.00	32.93 0.41 0.00	30.94 0.32 0.00	35.29 0.44 0.00	32.28 0.35 0.00	38.63 0.41 0.00	33.65 0.29 0.00	30.15 0.12 0.00	29.29 -0.05 0.00	27.61 -0.03 0.00	28.91 -0.02 0.00	29.74 -0.03 -0.01	33.98 -0.02 0.00	40.36 0.17 0.00	51.00 0.44 0.00	83.97 0.98 0.00	82.94 1.52 0.00	86.28 1.42 0.00	49.65 0.71 0.00	39.12 0.47 0.00	37.01 0.49 0.00	35.45 0.44 0.00
PYRITES___HYD 24023	40.27 1.62 0.00	33.70 1.31 0.00	32.21 1.26 0.00	33.87 1.35 0.00	31.90 1.27 0.00	36.38 1.54 0.00	33.26 1.34 0.00	39.88 1.66 0.00	34.95 1.59 0.00	31.41 1.37 0.00	30.46 1.11 0.00	28.53 0.90 0.00	29.81 0.88 0.00	30.60 0.84 0.00	34.93 0.94 0.00	41.33 1.13 0.00	52.15 1.59 0.00	86.59 3.60 0.00	86.46 5.03 0.00	90.51 5.65 0.00	52.09 3.15 0.00	40.85 2.21 0.00	38.46 1.93 0.00	36.66 1.65 0.00
QUAKERRD_115KV_BK1 80622	37.77 -0.89 0.00	31.68 -0.71 0.00	30.26 -0.70 0.00	31.79 -0.73 0.00	29.85 -0.78 0.00	33.92 -0.92 0.00	30.90 -1.03 0.00	36.90 -1.32 0.00	32.45 -0.92 0.00	29.31 -0.73 0.00	28.61 -0.74 0.00	27.06 -0.58 0.00	28.36 -0.57 0.00	29.19 -0.57 0.00	33.28 -0.72 0.00	39.29 -0.90 0.00	49.33 -1.23 0.00	81.05 -1.95 0.00	80.09 -1.33 0.00	83.31 -1.56 0.00	47.79 -1.15 0.00	37.55 -1.09 0.00	35.52 -1.02 0.00	34.04 -0.96 0.00
QUENSBRY_115KV_TB8 356137	39.85 1.19 0.00	33.35 0.96 0.00	31.89 0.94 0.00	33.47 0.96 0.00	31.60 0.98 0.00	36.11 1.26 0.00	33.16 1.24 0.00	39.72 1.50 0.00	34.23 0.87 0.00	30.50 0.46 0.00	29.57 0.23 0.00	27.75 0.12 0.00	29.02 0.09 0.00	29.87 0.17 0.05	34.31 0.31 0.00	40.80 0.60 0.00	52.01 1.45 0.00	86.14 3.14 0.00	84.10 2.67 0.00	87.63 2.77 0.00	50.91 1.97 0.00	40.14 1.49 0.00	37.88 1.35 0.00	36.14 1.14 0.00
RAMAPO___LBMP 323565	39.13 0.47 0.00	32.83 0.44 0.00	31.24 0.28 0.00	32.73 0.21 0.00	30.89 0.27 0.00	35.23 0.38 0.00	32.42 0.50 0.00	38.86 0.64 0.00	33.84 0.48 0.00	30.53 0.49 0.00	29.99 0.65 0.00	28.25 0.62 0.00	29.64 0.71 0.00	30.65 0.82 -0.08	34.99 0.99 0.00	41.40 1.21 0.00	51.80 1.25 0.00	84.83 1.84 0.00	82.58 1.15 0.00	85.93 1.07 0.00	49.43 0.49 0.00	39.24 0.59 0.00	37.28 0.75 0.00	35.89 0.89 0.00
RANKINE____ 23646	38.29 -0.36 0.00	32.29 -0.11 0.00	30.80 -0.16 0.00	32.42 -0.10 0.00	30.33 -0.29 0.00	34.45 -0.39 0.00	31.02 -0.90 0.00	36.86 -1.36 0.00	32.86 -0.51 0.00	30.03 -0.01 0.00	29.32 -0.02 0.00	27.88 0.25 0.00	29.20 0.27 0.00	30.00 0.24 0.00	33.95 -0.05 0.00	40.22 0.02 0.00	50.06 -0.50 0.00	81.26 -1.73 0.00	81.20 -0.22 0.00	84.36 -0.50 0.00	48.27 -0.67 0.00	37.78 -0.87 0.00	35.89 -0.64 0.00	34.47 -0.53 0.00
RAVENSWOOD_GT2_1 24244	39.50 0.84 0.00	33.21 0.81 0.00	31.59 0.64 0.00	33.09 0.57 0.00	31.22 0.60 0.00	35.60 0.75 0.00	32.80 0.88 0.00	39.30 1.08 0.00	34.28 0.91 0.00	30.95 0.92 0.00	30.45 1.11 0.00	28.69 1.05 0.00	30.11 1.18 0.00	31.17 1.32 -0.08	35.56 1.56 0.00	41.99 1.80 0.00	52.37 1.81 0.00	85.68 2.69 0.00	83.35 1.93 0.00	86.75 1.89 0.00	49.92 0.97 0.00	39.67 1.03 0.00	37.74 1.21 0.00	36.32 1.31 0.00
RAVENSWOOD_GT2_2 24245	39.50 0.84 0.00	33.21 0.81 0.00	31.59 0.64 0.00	33.09 0.57 0.00	31.22 0.60 0.00	35.60 0.75 0.00	32.80 0.88 0.00	39.30 1.08 0.00	34.28 0.91 0.00	30.95 0.92 0.00	30.45 1.11 0.00	28.69 1.05 0.00	30.11 1.18 0.00	31.17 1.32 -0.08	35.56 1.56 0.00	41.99 1.80 0.00	52.37 1.81 0.00	85.68 2.69 0.00	83.35 1.93 0.00	86.75 1.89 0.00	49.92 0.97 0.00	39.67 1.03 0.00	37.74 1.21 0.00	36.32 1.31 0.00

RAVENSWOOD_GT2_3 24246	39.51 0.86 0.00	33.23 0.83 0.00	31.60 0.65 0.00	33.11 0.59 0.00	31.24 0.62 0.00	35.63 0.78 0.00	32.82 0.90 0.00	39.32 1.11 0.00	34.28 0.92 0.00	30.97 0.94 0.00	30.46 1.12 0.00	28.70 1.07 0.00	30.13 1.20 0.00	31.18 1.34 -0.08	35.58 1.59 0.00	42.01 1.82 0.00	52.39 1.83 0.00	85.73 2.74 0.00	83.38 1.95 0.00	86.80 1.94 0.00	49.95 1.01 0.00	39.70 1.05 0.00	37.76 1.23 0.00	36.34 1.34 0.00
RAVENSWOOD_GT2_4 24247	39.51 0.86 0.00	33.23 0.83 0.00	31.60 0.65 0.00	33.11 0.59 0.00	31.24 0.62 0.00	35.63 0.78 0.00	32.82 0.90 0.00	39.32 1.11 0.00	34.28 0.92 0.00	30.97 0.94 0.00	30.46 1.12 0.00	28.70 1.07 0.00	30.13 1.20 0.00	31.18 1.34 -0.08	35.58 1.59 0.00	42.01 1.82 0.00	52.39 1.83 0.00	85.73 2.74 0.00	83.38 1.95 0.00	86.80 1.94 0.00	49.95 1.01 0.00	39.70 1.05 0.00	37.76 1.23 0.00	36.34 1.34 0.00
RAVENSWOOD_GT3_1 24248	39.50 0.85 0.00	33.21 0.81 0.00	31.59 0.64 0.00	33.09 0.57 0.00	31.22 0.60 0.00	35.60 0.75 0.00	32.80 0.88 0.00	39.30 1.08 0.00	34.28 0.91 0.00	30.96 0.92 0.00	30.45 1.11 0.00	28.69 1.05 0.00	30.11 1.18 0.00	31.17 1.32 -0.08	35.56 1.56 0.00	42.00 1.80 0.00	52.37 1.81 0.00	85.68 2.69 0.00	83.36 1.93 0.00	86.75 1.89 0.00	49.92 0.97 0.00	39.68 1.03 0.00	37.74 1.21 0.00	36.32 1.31 0.00
RAVENSWOOD_GT3_2 24249	39.50 0.85 0.00	33.21 0.81 0.00	31.59 0.64 0.00	33.09 0.57 0.00	31.22 0.60 0.00	35.60 0.75 0.00	32.80 0.88 0.00	39.30 1.08 0.00	34.28 0.91 0.00	30.96 0.92 0.00	30.45 1.11 0.00	28.69 1.05 0.00	30.11 1.18 0.00	31.17 1.32 -0.08	35.56 1.56 0.00	42.00 1.80 0.00	52.37 1.81 0.00	85.68 2.69 0.00	83.36 1.93 0.00	86.75 1.89 0.00	49.92 0.97 0.00	39.68 1.03 0.00	37.74 1.21 0.00	36.32 1.31 0.00
RAVENSWOOD_GT3_3 24250	39.52 0.87 0.00	33.24 0.85 0.00	31.62 0.66 0.00	33.12 0.60 0.00	31.25 0.63 0.00	35.63 0.78 0.00	32.83 0.91 0.00	39.34 1.12 0.00	34.31 0.95 0.00	31.00 0.97 0.00	30.49 1.15 0.00	28.73 1.10 0.00	30.17 1.23 0.00	31.22 1.38 -0.08	35.62 1.63 0.00	42.07 1.87 0.00	52.47 1.91 0.00	85.84 2.84 0.00	83.51 2.08 0.00	86.90 2.04 0.00	50.01 1.07 0.00	39.75 1.10 0.00	37.80 1.27 0.00	36.38 1.37 0.00
RAVENSWOOD_GT3_4 24251	39.52 0.87 0.00	33.24 0.85 0.00	31.62 0.66 0.00	33.12 0.60 0.00	31.25 0.63 0.00	35.63 0.78 0.00	32.83 0.91 0.00	39.34 1.12 0.00	34.31 0.95 0.00	31.00 0.97 0.00	30.49 1.15 0.00	28.73 1.10 0.00	30.17 1.23 0.00	31.22 1.38 -0.08	35.62 1.63 0.00	42.07 1.87 0.00	52.47 1.91 0.00	85.84 2.84 0.00	83.51 2.08 0.00	86.90 2.04 0.00	50.01 1.07 0.00	39.75 1.10 0.00	37.80 1.27 0.00	36.38 1.37 0.00
RAVENSWOOD_GT_1 23729	39.57 0.92 0.00	33.34 0.94 0.00	31.71 0.75 0.00	33.21 0.69 0.00	31.34 0.71 0.00	35.73 0.89 0.00	32.93 1.00 -0.01	39.43 1.21 0.00	34.41 1.04 -0.01	31.08 1.04 -0.01	30.58 1.23 0.00	28.80 1.17 0.00	30.25 1.32 0.00	31.30 1.46 -0.08	35.71 1.72 0.00	42.12 1.93 0.00	52.46 1.90 0.00	85.84 2.84 0.00	83.50 2.08 0.00	86.90 2.04 0.00	49.99 1.05 0.00	39.75 1.11 0.00	37.84 1.31 0.00	36.45 1.44 0.00
RAVENSWOOD_GT_10 24258	39.50 0.84 0.00	33.20 0.81 0.00	31.59 0.63 0.00	33.08 0.56 0.00	31.21 0.60 0.00	35.60 0.75 0.00	32.79 0.87 0.00	39.30 1.08 0.00	34.27 0.91 0.00	30.95 0.91 0.00	30.44 1.10 0.00	28.69 1.05 0.00	30.11 1.18 0.00	31.16 1.32 -0.08	35.56 1.56 0.00	41.99 1.80 0.00	52.37 1.81 0.00	85.68 2.69 0.00	83.36 1.93 0.00	86.76 1.90 0.00	49.92 0.97 0.00	39.67 1.03 0.00	37.74 1.21 0.00	36.32 1.31 0.00
RAVENSWOOD_GT_11 24259	39.50 0.84 0.00	33.20 0.81 0.00	31.59 0.63 0.00	33.08 0.56 0.00	31.21 0.60 0.00	35.60 0.75 0.00	32.79 0.87 0.00	39.30 1.08 0.00	34.27 0.91 0.00	30.95 0.91 0.00	30.44 1.10 0.00	28.69 1.05 0.00	30.11 1.18 0.00	31.16 1.32 -0.08	35.56 1.56 0.00	41.99 1.80 0.00	52.37 1.81 0.00	85.68 2.69 0.00	83.36 1.93 0.00	86.76 1.90 0.00	49.92 0.97 0.00	39.67 1.03 0.00	37.74 1.21 0.00	36.32 1.31 0.00
RAVENSWOOD_GT_4 24252	39.49 0.84 0.00	33.19 0.80 0.00	31.57 0.61 0.00	33.07 0.55 0.00	31.21 0.59 0.00	35.59 0.74 0.00	32.77 0.85 0.01	39.29 1.07 0.00	34.25 0.89 0.01	30.93 0.90 0.01	30.42 1.08 0.00	28.67 1.03 0.00	30.10 1.17 0.00	31.14 1.29 -0.08	35.54 1.55 0.00	41.98 1.78 0.00	52.38 1.82 0.00	85.68 2.69 0.00	83.36 1.93 0.00	86.76 1.90 0.00	49.92 0.97 0.00	39.67 1.02 0.00	37.73 1.20 0.00	36.31 1.31 0.00
RAVENSWOOD_GT_5 24254	39.49 0.84 0.00	33.19 0.80 0.00	31.57 0.61 0.00	33.07 0.55 0.00	31.21 0.59 0.00	35.59 0.74 0.00	32.77 0.85 0.01	39.29 1.07 0.00	34.25 0.89 0.01	30.93 0.90 0.01	30.42 1.08 0.00	28.67 1.03 0.00	30.10 1.17 0.00	31.14 1.29 -0.08	35.54 1.55 0.00	41.98 1.78 0.00	52.38 1.82 0.00	85.68 2.69 0.00	83.36 1.93 0.00	86.76 1.90 0.00	49.92 0.97 0.00	39.67 1.02 0.00	37.73 1.20 0.00	36.31 1.31 0.00
RAVENSWOOD_GT_6 24253	39.49 0.84 0.00	33.19 0.80 0.00	31.57 0.61 0.00	33.07 0.55 0.00	31.21 0.59 0.00	35.59 0.74 0.00	32.77 0.85 0.01	39.29 1.07 0.00	34.25 0.89 0.01	30.93 0.90 0.01	30.42 1.08 0.00	28.67 1.03 0.00	30.10 1.17 0.00	31.14 1.29 -0.08	35.54 1.55 0.00	41.98 1.78 0.00	52.38 1.82 0.00	85.68 2.69 0.00	83.36 1.93 0.00	86.76 1.90 0.00	49.92 0.97 0.00	39.67 1.02 0.00	37.73 1.20 0.00	36.31 1.31 0.00
RAVENSWOOD_GT_7 24255	39.49 0.84 0.00	33.19 0.80 0.00	31.57 0.61 0.00	33.07 0.55 0.00	31.21 0.59 0.00	35.59 0.74 0.00	32.77 0.85 0.01	39.29 1.07 0.00	34.25 0.89 0.01	30.93 0.90 0.01	30.42 1.08 0.00	28.67 1.03 0.00	30.10 1.17 0.00	31.14 1.29 -0.08	35.54 1.55 0.00	41.98 1.78 0.00	52.38 1.82 0.00	85.68 2.69 0.00	83.36 1.93 0.00	86.76 1.90 0.00	49.92 0.97 0.00	39.67 1.02 0.00	37.73 1.20 0.00	36.31 1.31 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	39.50 0.84 0.00	33.20 0.81 0.00	31.59 0.63 0.00	33.08 0.56 0.00	31.21 0.60 0.00	35.60 0.75 0.00	32.79 0.87 0.00	39.30 1.08 0.00	34.27 0.91 0.00	30.95 0.91 0.00	30.44 1.10 0.00	28.69 1.05 0.00	30.11 1.18 0.00	31.16 1.32 -0.08	35.56 1.56 0.00	41.99 1.80 0.00	52.37 1.81 0.00	85.68 2.69 0.00	83.36 1.93 0.00	86.76 1.90 0.00	49.92 0.97 0.00	39.67 1.03 0.00	37.74 1.21 0.00	36.32 1.31 0.00
RAVENSWOOD_GT_9 24257	39.50 0.84 0.00	33.20 0.81 0.00	31.59 0.63 0.00	33.08 0.56 0.00	31.21 0.60 0.00	35.60 0.75 0.00	32.79 0.87 0.00	39.30 1.08 0.00	34.27 0.91 0.00	30.95 0.91 0.00	30.44 1.10 0.00	28.69 1.05 0.00	30.11 1.18 0.00	31.16 1.32 -0.08	35.56 1.56 0.00	41.99 1.80 0.00	52.37 1.81 0.00	85.68 2.69 0.00	83.36 1.93 0.00	86.76 1.90 0.00	49.92 0.97 0.00	39.67 1.03 0.00	37.74 1.21 0.00	36.32 1.31 0.00

RAVENSWOOD___1 23533	39.55 0.89 0.00	33.31 0.91 0.00	31.69 0.73 0.00	33.18 0.66 0.00	31.31 0.69 0.00	35.71 0.86 0.00	32.90 0.98 -0.01	39.40 1.18 0.00	34.37 1.00 -0.01	31.07 1.02 -0.01	30.55 1.20 0.00	28.78 1.15 0.00	30.23 1.30 0.00	31.28 1.44 -0.08	35.68 1.68 0.00	42.08 1.88 0.00	52.42 1.86 0.00	85.78 2.79 0.00	83.44 2.02 0.00	86.84 1.98 0.00	49.96 1.02 0.00	39.73 1.09 0.00	37.81 1.28 0.00	36.41 1.40 0.00
RAVENSWOOD___2 23534	39.28 0.63 0.00	33.20 0.81 0.00	31.64 0.68 0.00	33.13 0.61 0.00	31.27 0.65 0.00	35.64 0.79 0.00	32.85 0.92 -0.01	39.25 1.03 0.00	34.23 0.87 -0.01	31.01 0.97 -0.01	30.50 1.16 0.00	28.74 1.10 0.00	30.18 1.25 0.00	31.23 1.38 -0.08	35.60 1.60 0.00	41.85 1.65 0.00	52.01 1.45 0.00	85.12 2.13 0.00	82.78 1.35 0.00	86.14 1.28 0.00	49.57 0.63 0.00	39.44 0.80 0.00	37.55 1.02 0.00	36.17 1.16 0.00
RAVENSWOOD___3 23535	39.50 0.85 0.00	33.21 0.82 0.00	31.59 0.64 0.00	33.09 0.57 0.00	31.22 0.61 0.00	35.60 0.75 0.00	32.80 0.88 0.00	39.31 1.09 0.00	34.27 0.91 0.00	30.96 0.92 0.00	30.45 1.11 0.00	28.69 1.05 0.00	30.12 1.19 0.00	31.16 1.32 -0.08	35.56 1.57 0.00	42.00 1.80 0.00	52.37 1.81 0.00	85.68 2.68 0.00	83.35 1.93 0.00	86.74 1.87 0.00	49.92 0.98 0.00	39.68 1.03 0.00	37.74 1.21 0.00	36.33 1.32 0.00
RAVENSWOOD___4 23820	39.55 0.89 0.00	33.31 0.91 0.00	31.69 0.73 0.00	33.18 0.66 0.00	31.31 0.69 0.00	35.71 0.86 0.00	32.90 0.98 -0.01	39.40 1.18 0.00	34.37 1.00 -0.01	31.07 1.02 -0.01	30.55 1.20 0.00	28.78 1.15 0.00	30.23 1.30 0.00	31.28 1.44 -0.08	35.68 1.68 0.00	42.08 1.88 0.00	52.42 1.86 0.00	85.78 2.79 0.00	83.44 2.02 0.00	86.84 1.98 0.00	49.96 1.02 0.00	39.73 1.09 0.00	37.81 1.28 0.00	36.41 1.40 0.00
RCPL_TRUST___DRP 24196	39.52 0.86 0.00	33.25 0.86 0.00	31.63 0.67 0.00	33.14 0.62 0.00	31.27 0.65 0.00	35.66 0.81 0.00	32.85 0.93 0.00	39.37 1.15 0.00	34.32 0.96 0.00	31.00 0.96 0.00	30.49 1.15 0.00	28.72 1.08 0.00	30.16 1.23 0.00	31.20 1.36 -0.08	35.62 1.62 0.00	42.05 1.86 0.00	52.42 1.87 0.00	85.76 2.77 0.00	83.44 2.02 0.00	86.82 1.96 0.00	49.96 1.02 0.00	39.71 1.06 0.00	37.77 1.23 0.00	36.35 1.34 0.00
RED___ROCHESTER 323720	38.82 0.17 0.00	32.58 0.19 0.00	31.08 0.12 0.00	32.65 0.14 0.00	30.63 0.01 0.00	34.81 -0.04 0.00	31.68 -0.24 0.00	37.80 -0.42 0.00	33.32 -0.04 0.00	30.14 0.11 0.00	29.43 0.09 0.00	27.88 0.25 0.00	29.25 0.32 0.00	30.11 0.35 0.00	34.32 0.32 0.00	40.54 0.34 0.00	50.86 0.30 0.00	83.46 0.47 0.00	82.57 1.14 0.00	85.76 0.89 0.00	49.13 0.19 0.00	38.56 -0.08 0.00	36.49 -0.04 0.00	34.99 -0.02 0.00
REGAN___SOLAR 323812	39.68 1.03 0.00	33.23 0.84 0.00	31.72 0.76 0.00	33.28 0.76 0.00	31.38 0.76 0.00	35.76 0.91 0.00	32.84 0.93 0.00	39.36 1.14 0.00	33.62 0.26 0.00	29.46 -0.57 0.00	28.59 -0.75 0.00	26.89 -0.74 0.00	28.21 -0.72 0.00	29.00 -0.72 0.03	33.19 -0.80 0.00	39.35 -0.85 0.00	50.06 -0.49 0.00	84.31 1.32 0.00	84.29 2.86 0.00	88.04 3.18 0.00	50.72 1.78 0.00	39.96 1.31 0.00	37.72 1.19 0.00	36.06 1.06 0.00
RENSSELAER___COGEN 23796	38.52 -0.14 0.00	32.28 -0.11 0.00	30.89 -0.07 0.00	32.37 -0.14 0.00	30.59 -0.03 0.00	34.75 -0.10 0.00	32.00 0.07 0.00	38.36 0.14 0.00	33.29 -0.08 0.00	29.85 -0.18 0.00	29.21 -0.14 0.00	27.45 -0.18 0.00	28.72 -0.21 0.00	29.48 -0.23 0.05	33.69 -0.30 0.00	39.75 -0.45 0.00	49.94 -0.61 0.00	81.92 -1.07 0.00	79.81 -1.62 0.00	83.30 -1.56 0.00	48.24 -0.70 0.00	38.25 -0.40 0.00	36.15 -0.38 0.00	34.73 -0.27 0.00
REPUBLIC_115KV_BARTNBRK 55605	41.87 3.21 0.00	34.99 2.60 0.00	33.57 2.61 0.00	35.28 2.76 0.00	33.33 2.71 0.00	38.24 3.39 0.00	35.27 3.35 0.00	42.18 3.96 0.00	35.81 2.45 0.00	31.70 1.66 0.00	30.65 1.31 0.00	28.71 1.08 0.00	29.99 1.06 0.00	30.97 1.26 0.05	35.65 1.65 0.00	42.76 2.56 0.00	55.04 4.48 0.00	91.64 8.64 0.00	89.49 8.07 0.00	93.00 8.14 0.00	54.58 5.63 0.00	42.85 4.20 0.00	40.36 3.82 0.00	38.27 3.27 0.00
REVERE_CPPR_DRP 24186	39.80 1.14 0.00	33.30 0.90 0.00	31.82 0.86 0.00	33.46 0.94 0.00	31.47 0.85 0.00	35.89 1.04 0.00	32.88 0.96 0.00	39.49 1.28 0.00	34.30 0.94 0.00	30.61 0.58 0.00	29.78 0.44 0.00	28.00 0.37 0.00	29.30 0.37 0.00	30.12 0.36 0.00	34.40 0.40 0.00	40.79 0.59 0.00	51.68 1.13 0.00	85.95 2.95 0.00	84.91 3.48 0.00	88.36 3.50 0.00	50.72 1.77 0.00	39.90 1.26 0.00	37.72 1.20 0.00	36.08 1.08 0.00
REYNLDPA_13_KV_LD 356490	39.34 0.68 0.00	32.95 0.56 0.00	31.51 0.55 0.00	33.12 0.60 0.00	31.19 0.57 0.00	35.51 0.66 0.00	32.47 0.55 0.00	38.85 0.63 0.00	34.11 0.75 0.00	30.85 0.81 0.00	30.09 0.75 0.00	28.34 0.71 0.00	29.65 0.72 0.00	30.47 0.70 0.00	34.79 0.80 0.00	41.12 0.92 0.00	51.76 1.20 0.00	84.96 1.96 0.00	83.67 2.24 0.00	87.34 2.48 0.00	50.36 1.41 0.00	39.61 0.96 0.00	37.34 0.81 0.00	35.67 0.66 0.00
REYNOLDS_115KV_TB3 80639	38.82 0.17 0.00	32.52 0.12 0.00	31.10 0.14 0.00	32.60 0.08 0.00	30.79 0.17 0.00	35.03 0.18 0.00	32.24 0.31 0.00	38.64 0.42 0.00	33.50 0.14 0.00	30.05 0.02 0.00	29.41 0.07 0.00	27.62 -0.01 0.00	28.91 -0.02 0.00	29.68 -0.02 0.06	33.97 -0.02 0.00	40.11 -0.09 0.00	50.44 -0.11 0.00	82.71 -0.29 0.00	80.53 -0.89 0.00	84.10 -0.76 0.00	48.75 -0.19 0.00	38.64 -0.01 0.00	36.50 -0.03 0.00	35.09 0.08 0.00
RIVERBAY____ 323610	40.26 1.61 0.00	33.87 1.48 0.00	32.24 1.28 0.00	33.77 1.25 0.00	31.87 1.25 0.00	36.38 1.53 0.00	33.53 1.60 -0.01	40.16 1.94 0.00	35.03 1.66 -0.01	31.58 1.53 -0.01	31.05 1.70 0.00	29.24 1.61 0.00	30.72 1.79 0.00	31.77 1.93 -0.08	36.25 2.26 0.00	42.81 2.61 0.00	53.41 2.86 0.00	87.43 4.44 0.00	85.07 3.65 0.00	88.53 3.67 0.00	50.91 1.97 0.00	40.48 1.83 0.00	38.55 2.02 0.00	37.08 2.07 0.00
RIVERSDE_115KV_TB3 55908	38.68 0.03 0.00	32.42 0.03 0.00	31.01 0.05 0.00	32.50 -0.02 0.00	30.71 0.09 0.00	34.91 0.06 0.00	32.13 0.20 0.00	38.53 0.31 0.00	33.41 0.05 0.00	29.97 -0.06 0.00	29.33 -0.02 0.00	27.55 -0.09 0.00	28.84 -0.09 0.00	29.62 -0.09 0.05	33.88 -0.12 0.00	39.99 -0.20 0.00	50.30 -0.26 0.00	82.49 -0.50 0.00	80.33 -1.09 0.00	83.87 -0.99 0.00	48.59 -0.35 0.00	38.51 -0.13 0.00	36.38 -0.15 0.00	34.97 -0.04 0.00
ROARING___BROOK_WT_PWR 323790	38.17 -0.48 0.00	32.08 -0.31 0.00	30.75 -0.21 0.00	32.35 -0.17 0.00	30.41 -0.20 0.00	34.67 -0.17 0.00	31.84 -0.08 0.00	38.15 -0.07 0.00	33.37 0.00 0.00	30.12 0.08 0.00	29.46 0.12 0.00	27.74 0.11 0.00	29.03 0.10 0.00	29.85 0.09 0.00	34.07 0.08 0.00	40.25 0.06 0.00	50.66 0.10 0.00	83.25 0.26 0.00	81.75 0.32 0.00	85.04 0.18 0.00	48.95 0.01 0.00	38.59 -0.06 0.00	36.54 0.02 0.00	35.01 0.00 0.00

ROCHESRG_115KV_T4 355643	38.48 -0.17 0.00	32.31 -0.08 0.00	30.83 -0.12 0.00	32.40 -0.11 0.00	30.40 -0.22 0.00	34.55 -0.29 0.00	31.42 -0.50 0.00	37.50 -0.72 0.00	33.04 -0.32 0.00	29.90 -0.13 0.00	29.19 -0.15 0.00	27.63 0.00 0.00	28.98 0.05 0.00	29.82 0.06 0.00	33.96 -0.04 0.00	40.08 -0.12 0.00	50.24 -0.32 0.00	82.39 -0.61 0.00	81.55 0.12 0.00	84.80 -0.07 0.00	48.63 -0.31 0.00	38.17 -0.47 0.00	36.13 -0.40 0.00	34.67 -0.34 0.00
ROCHESTER_9_IC 23652	38.67 0.02 0.00	32.45 0.06 0.00	30.98 0.02 0.00	32.55 0.03 0.00	30.54 -0.09 0.00	34.70 -0.14 0.00	31.57 -0.35 0.00	37.67 -0.55 0.00	33.19 -0.18 0.00	30.03 -0.01 0.00	29.32 -0.02 0.00	27.77 0.13 0.00	29.12 0.19 0.00	29.98 0.22 0.00	34.15 0.15 0.00	40.32 0.12 0.00	50.56 0.00 0.00	82.95 -0.04 0.00	82.09 0.67 0.00	85.32 0.46 0.00	48.91 -0.03 0.00	38.39 -0.25 0.00	36.32 -0.21 0.00	34.85 -0.16 0.00
ROCKVIEW_13_KV_LD 356306	39.56 0.91 0.00	33.23 0.83 0.00	31.62 0.66 0.00	33.12 0.60 0.00	31.25 0.63 0.00	35.63 0.78 0.00	32.81 0.89 0.00	39.33 1.11 0.00	34.27 0.91 0.00	30.94 0.90 0.00	30.45 1.10 0.00	28.67 1.03 0.00	30.09 1.16 0.00	31.14 1.29 -0.08	35.53 1.53 0.00	41.99 1.80 0.00	52.42 1.87 0.00	85.77 2.78 0.00	83.45 2.03 0.00	86.87 2.01 0.00	50.01 1.07 0.00	39.72 1.07 0.00	37.77 1.23 0.00	36.34 1.33 0.00
ROME____115KV_TB2 80656	39.80 1.14 0.00	33.30 0.90 0.00	31.82 0.86 0.00	33.46 0.94 0.00	31.47 0.85 0.00	35.89 1.04 0.00	32.88 0.96 0.00	39.49 1.28 0.00	34.30 0.94 0.00	30.61 0.58 0.00	29.78 0.44 0.00	28.00 0.37 0.00	29.30 0.37 0.00	30.12 0.36 0.00	34.40 0.40 0.00	40.79 0.59 0.00	51.68 1.13 0.00	85.95 2.95 0.00	84.91 3.48 0.00	88.36 3.50 0.00	50.72 1.77 0.00	39.90 1.26 0.00	37.72 1.20 0.00	36.08 1.08 0.00
ROSETON___1 23587	39.11 0.46 0.00	32.82 0.42 0.00	31.27 0.31 0.00	32.77 0.25 0.00	30.92 0.30 0.00	35.24 0.40 0.00	32.43 0.51 0.00	38.86 0.65 0.00	33.82 0.45 0.00	30.49 0.45 0.00	29.93 0.59 0.00	28.18 0.54 0.00	29.55 0.62 0.00	30.53 0.69 -0.08	34.84 0.84 0.00	41.23 1.03 0.00	51.59 1.03 0.00	84.45 1.46 0.00	82.17 0.74 0.00	85.57 0.70 0.00	49.34 0.40 0.00	39.16 0.52 0.00	37.17 0.64 0.00	35.75 0.74 0.00
ROSETON___2 23588	39.11 0.46 0.00	32.82 0.42 0.00	31.27 0.31 0.00	32.77 0.25 0.00	30.92 0.30 0.00	35.24 0.40 0.00	32.43 0.51 0.00	38.86 0.65 0.00	33.82 0.45 0.00	30.49 0.45 0.00	29.93 0.59 0.00	28.18 0.54 0.00	29.55 0.62 0.00	30.53 0.69 -0.08	34.84 0.84 0.00	41.23 1.03 0.00	51.59 1.03 0.00	84.45 1.46 0.00	82.17 0.74 0.00	85.57 0.70 0.00	49.34 0.40 0.00	39.16 0.52 0.00	37.17 0.64 0.00	35.75 0.74 0.00
ROTRRDAM_115KV_TB3 80664	39.17 0.52 0.00	32.82 0.43 0.00	31.36 0.40 0.00	32.91 0.39 0.00	31.03 0.41 0.00	35.36 0.51 0.00	32.43 0.51 0.00	38.85 0.63 0.00	33.73 0.36 0.00	30.24 0.20 0.00	29.53 0.19 0.00	27.77 0.13 0.00	29.08 0.14 0.00	29.90 0.18 0.04	34.24 0.24 0.00	40.54 0.34 0.00	51.07 0.51 0.00	84.01 1.01 0.00	82.16 0.74 0.00	85.68 0.82 0.00	49.52 0.58 0.00	39.18 0.53 0.00	37.05 0.51 0.00	35.52 0.51 0.00
RUSSELL___1 23602	38.82 0.17 0.00	32.58 0.18 0.00	31.08 0.12 0.00	32.65 0.14 0.00	30.63 0.01 0.00	34.81 -0.03 0.00	31.67 -0.24 0.00	37.81 -0.41 0.00	33.32 -0.05 0.00	30.14 0.11 0.00	29.43 0.09 0.00	27.88 0.24 0.00	29.25 0.32 0.00	30.12 0.35 0.00	34.32 0.32 0.00	40.53 0.34 0.00	50.86 0.30 0.00	83.45 0.46 0.00	82.56 1.13 0.00	85.75 0.88 0.00	49.13 0.19 0.00	38.56 -0.08 0.00	36.49 -0.04 0.00	34.99 -0.02 0.00
RUSSELL___2 23532	38.82 0.17 0.00	32.58 0.18 0.00	31.08 0.12 0.00	32.65 0.14 0.00	30.63 0.01 0.00	34.81 -0.03 0.00	31.67 -0.24 0.00	37.81 -0.41 0.00	33.32 -0.05 0.00	30.14 0.11 0.00	29.43 0.09 0.00	27.88 0.24 0.00	29.25 0.32 0.00	30.12 0.35 0.00	34.32 0.32 0.00	40.53 0.34 0.00	50.86 0.30 0.00	83.45 0.46 0.00	82.56 1.13 0.00	85.75 0.88 0.00	49.13 0.19 0.00	38.56 -0.08 0.00	36.49 -0.04 0.00	34.99 -0.02 0.00
RUSSELL___3 23549	38.82 0.17 0.00	32.58 0.18 0.00	31.08 0.12 0.00	32.65 0.14 0.00	30.63 0.01 0.00	34.81 -0.03 0.00	31.67 -0.24 0.00	37.81 -0.41 0.00	33.32 -0.05 0.00	30.14 0.11 0.00	29.43 0.09 0.00	27.88 0.24 0.00	29.25 0.32 0.00	30.12 0.35 0.00	34.32 0.32 0.00	40.53 0.34 0.00	50.86 0.30 0.00	83.45 0.46 0.00	82.56 1.13 0.00	85.75 0.88 0.00	49.13 0.19 0.00	38.56 -0.08 0.00	36.49 -0.04 0.00	34.99 -0.02 0.00
RUSSELL___4 23556	38.82 0.17 0.00	32.58 0.18 0.00	31.08 0.12 0.00	32.65 0.14 0.00	30.63 0.01 0.00	34.81 -0.03 0.00	31.67 -0.24 0.00	37.81 -0.41 0.00	33.32 -0.05 0.00	30.14 0.11 0.00	29.43 0.09 0.00	27.88 0.24 0.00	29.25 0.32 0.00	30.12 0.35 0.00	34.32 0.32 0.00	40.53 0.34 0.00	50.86 0.30 0.00	83.45 0.46 0.00	82.56 1.13 0.00	85.75 0.88 0.00	49.13 0.19 0.00	38.56 -0.08 0.00	36.49 -0.04 0.00	34.99 -0.02 0.00
RUSSELL___STATION 23914	38.82 0.17 0.00	32.58 0.18 0.00	31.08 0.12 0.00	32.65 0.14 0.00	30.63 0.01 0.00	34.81 -0.03 0.00	31.67 -0.24 0.00	37.81 -0.41 0.00	33.32 -0.05 0.00	30.14 0.11 0.00	29.43 0.09 0.00	27.88 0.24 0.00	29.25 0.32 0.00	30.12 0.35 0.00	34.32 0.32 0.00	40.53 0.34 0.00	50.86 0.30 0.00	83.45 0.46 0.00	82.56 1.13 0.00	85.75 0.88 0.00	49.13 0.19 0.00	38.56 -0.08 0.00	36.49 -0.04 0.00	34.99 -0.02 0.00
S SALMON___HYD 24043	38.63 -0.02 0.00	32.35 -0.04 0.00	30.92 -0.03 0.00	32.49 -0.03 0.00	30.53 -0.09 0.00	34.81 -0.04 0.00	31.89 -0.03 0.00	38.26 0.04 0.00	33.36 -0.01 0.00	29.90 -0.13 0.00	29.06 -0.28 0.00	27.38 -0.26 0.00	28.59 -0.34 0.00	29.36 -0.40 0.00	33.45 -0.55 0.00	39.49 -0.71 0.00	49.89 -0.67 0.00	82.88 -0.11 0.00	82.13 0.71 0.00	85.56 0.70 0.00	49.19 0.25 0.00	38.74 0.10 0.00	36.67 0.14 0.00	35.14 0.13 0.00
S.PERRY__115KV_TB1 80734	39.67 1.01 0.00	33.30 0.91 0.00	31.78 0.82 0.00	33.44 0.92 0.00	31.35 0.73 0.00	35.69 0.84 0.00	32.45 0.53 0.00	38.76 0.54 0.00	33.99 0.62 0.00	30.42 0.38 0.00	29.60 0.26 0.00	28.06 0.42 0.00	29.38 0.45 0.00	30.23 0.47 0.00	34.42 0.42 0.00	40.75 0.56 0.00	51.26 0.70 0.00	84.14 1.15 0.00	84.81 3.39 0.00	88.58 3.72 0.00	50.63 1.69 0.00	39.54 0.90 0.00	37.35 0.82 0.00	35.71 0.70 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	38.10 -0.55 0.00	32.11 -0.28 0.00	30.64 -0.32 0.00	32.25 -0.27 0.00	30.16 -0.46 0.00	34.24 -0.60 0.00	30.79 -1.13 0.00	36.57 -1.65 0.00	32.65 -0.72 0.00	29.87 -0.16 0.00	29.19 -0.15 0.00	27.75 0.12 0.00	29.06 0.13 0.00	29.86 0.10 0.00	33.78 -0.21 0.00	39.92 -0.28 0.00	49.60 -0.96 0.00	80.44 -2.55 0.00	80.33 -1.09 0.00	83.52 -1.34 0.00	47.81 -1.13 0.00	37.43 -1.22 0.00	35.58 -0.95 0.00	34.21 -0.80 0.00

SAWYER___23_KV_LOAD 55526	38.10 -0.55 0.00	32.11 -0.28 0.00	30.64 -0.32 0.00	32.25 -0.27 0.00	30.16 -0.46 0.00	34.24 -0.60 0.00	30.79 -1.13 0.00	36.57 -1.65 0.00	32.65 -0.72 0.00	29.87 -0.16 0.00	29.19 -0.15 0.00	27.75 0.12 0.00	29.06 0.13 0.00	29.86 0.10 0.00	33.78 -0.21 0.00	39.92 -0.28 0.00	49.60 -0.96 0.00	80.44 -2.55 0.00	80.33 -1.09 0.00	83.52 -1.34 0.00	47.81 -1.13 0.00	37.43 -1.22 0.00	35.58 -0.95 0.00	34.21 -0.80 0.00
SELKIRK___I 23801	38.97 0.32 0.00	32.64 0.25 0.00	31.23 0.27 0.00	32.77 0.26 0.00	30.92 0.30 0.00	35.17 0.33 0.00	32.32 0.40 0.00	38.71 0.49 0.00	33.56 0.19 0.00	30.01 -0.03 0.00	29.31 -0.04 0.00	27.55 -0.09 0.00	28.82 -0.11 0.00	29.58 -0.15 0.03	33.72 -0.27 0.00	39.31 -0.89 0.00	49.24 -1.32 0.00	81.01 -1.98 0.00	78.98 -2.44 0.00	82.41 -2.45 0.00	47.74 -1.21 0.00	37.85 -0.79 0.00	35.77 -0.76 0.00	34.36 -0.65 0.00
SELKIRK___II 23799	38.70 0.05 0.00	32.44 0.05 0.00	31.03 0.07 0.00	32.53 0.02 0.00	30.71 0.09 0.00	34.93 0.08 0.00	32.10 0.18 0.00	38.48 0.26 0.00	33.42 0.05 0.00	29.99 -0.04 0.00	29.35 0.01 0.00	27.58 -0.05 0.00	28.83 -0.11 0.00	29.54 -0.19 0.03	33.67 -0.32 0.00	39.67 -0.53 0.00	49.79 -0.77 0.00	81.56 -1.44 0.00	79.47 -1.95 0.00	82.92 -1.94 0.00	48.05 -0.89 0.00	38.14 -0.51 0.00	36.06 -0.47 0.00	34.64 -0.37 0.00
SENECA OSWGO___HYD 24041	38.14 -0.51 0.00	31.95 -0.44 0.00	30.52 -0.43 0.00	32.06 -0.45 0.00	30.15 -0.47 0.00	34.26 -0.59 0.00	31.36 -0.56 0.00	37.56 -0.65 0.00	32.77 -0.59 0.00	29.45 -0.58 0.00	28.75 -0.60 0.00	27.08 -0.55 0.00	28.35 -0.58 0.00	29.18 -0.58 0.00	33.33 -0.67 0.00	39.43 -0.77 0.00	49.65 -0.91 0.00	81.74 -1.25 0.00	80.43 -1.00 0.00	83.75 -1.11 0.00	48.21 -0.73 0.00	38.03 -0.62 0.00	35.96 -0.58 0.00	34.47 -0.54 0.00
SENECA___115KV_TB3 355854	38.35 -0.30 0.00	32.32 -0.07 0.00	30.83 -0.13 0.00	32.46 -0.06 0.00	30.35 -0.27 0.00	34.50 -0.35 0.00	31.06 -0.86 0.00	36.91 -1.31 0.00	32.90 -0.46 0.00	30.06 0.03 0.00	29.37 0.03 0.00	27.93 0.29 0.00	29.23 0.30 0.00	30.05 0.29 0.00	34.00 0.00 0.00	40.29 0.10 0.00	50.14 -0.41 0.00	81.41 -1.58 0.00	81.35 -0.08 0.00	84.50 -0.36 0.00	48.36 -0.59 0.00	37.84 -0.81 0.00	35.94 -0.59 0.00	34.53 -0.48 0.00
SENECA___ENERGY 23797	38.62 -0.04 0.00	32.43 0.04 0.00	30.95 -0.01 0.00	32.54 0.02 0.00	30.57 -0.05 0.00	34.81 -0.03 0.00	31.81 -0.11 0.00	37.98 -0.24 0.00	33.22 -0.15 0.00	29.83 -0.21 0.00	29.02 -0.32 0.00	27.43 -0.20 0.00	28.74 -0.19 0.00	29.57 -0.19 0.00	33.77 -0.22 0.00	39.91 -0.29 0.00	50.32 -0.24 0.00	83.00 0.01 0.00	82.13 0.71 0.00	85.42 0.56 0.00	49.11 0.17 0.00	38.61 -0.04 0.00	36.50 -0.03 0.00	34.94 -0.07 0.00
SHOEMAKER___GT 23640	39.07 0.42 0.00	32.78 0.39 0.00	31.24 0.28 0.00	32.73 0.21 0.00	30.89 0.27 0.00	35.21 0.36 0.00	32.38 0.46 0.00	38.80 0.58 0.00	33.75 0.38 0.00	30.38 0.35 0.00	29.77 0.43 0.00	28.03 0.39 0.00	29.39 0.46 0.00	30.37 0.53 -0.07	34.66 0.67 0.00	41.06 0.86 0.00	51.47 0.91 0.00	84.45 1.45 0.00	82.38 0.96 0.00	85.76 0.90 0.00	49.40 0.46 0.00	39.19 0.55 0.00	37.17 0.64 0.00	35.74 0.73 0.00
SHOEMAKR_138KV_BK 111 55601	39.07 0.41 0.00	32.77 0.38 0.00	31.21 0.26 0.00	32.72 0.21 0.00	30.87 0.25 0.00	35.19 0.34 0.00	32.37 0.44 0.00	38.79 0.57 0.00	33.74 0.37 0.00	30.39 0.35 0.00	29.80 0.46 0.00	28.05 0.42 0.00	29.42 0.49 0.00	30.40 0.57 -0.07	34.70 0.71 0.00	41.10 0.90 0.00	51.51 0.95 0.00	84.46 1.47 0.00	82.35 0.92 0.00	85.73 0.87 0.00	49.38 0.43 0.00	39.16 0.52 0.00	37.17 0.64 0.00	35.73 0.72 0.00
SHOREHAM_IC_1 23715	35.54 -0.38 2.74	3.93 -0.17 28.30	25.17 -0.32 5.47	24.80 -0.48 7.24	25.06 -0.41 5.16	31.73 -0.39 2.72	31.76 -0.16 0.00	38.09 -0.13 0.00	33.14 -0.22 0.00	30.02 -0.01 0.00	25.90 0.44 3.88	24.78 0.49 3.34	25.03 0.60 4.50	31.50 0.63 -1.10	38.40 0.66 -3.75	40.76 0.56 0.00	50.71 0.15 0.00	59.51 -0.04 23.44	41.90 -0.73 38.80	45.18 -1.15 38.54	46.65 -0.52 1.77	38.66 0.01 0.00	36.82 0.29 0.00	35.50 0.50 0.00
SHOREHAM_IC_2 23716	35.54 -0.38 2.74	3.93 -0.17 28.30	25.17 -0.32 5.47	24.80 -0.48 7.24	25.06 -0.41 5.16	31.73 -0.39 2.72	31.76 -0.16 0.00	38.09 -0.13 0.00	33.15 -0.22 0.00	30.02 -0.01 0.00	25.90 0.44 3.88	24.78 0.49 3.34	25.03 0.60 4.50	31.50 0.63 -1.10	38.40 0.66 -3.75	40.76 0.56 0.00	50.71 0.15 0.00	59.50 -0.05 23.44	41.98 -0.65 38.80	45.27 -1.06 38.54	46.64 -0.53 1.77	38.66 0.01 0.00	36.82 0.29 0.00	35.50 0.50 0.00
SISSONVILLE____ 23735	39.64 0.98 0.00	33.16 0.77 0.00	31.71 0.75 0.00	33.34 0.83 0.00	31.40 0.78 0.00	35.82 0.98 0.00	32.78 0.86 0.00	39.28 1.06 0.00	34.49 1.13 0.00	31.10 1.07 0.00	30.24 0.90 0.00	28.43 0.79 0.00	29.69 0.77 0.00	30.49 0.73 0.00	34.80 0.80 0.00	41.13 0.93 0.00	51.94 1.38 0.00	85.87 2.88 0.00	85.11 3.69 0.00	88.93 4.07 0.00	51.18 2.24 0.00	40.18 1.53 0.00	37.86 1.33 0.00	36.10 1.09 0.00
SITHE_IND_GS1 24169	37.73 -0.92 0.00	31.62 -0.77 0.00	30.21 -0.75 0.00	31.74 -0.77 0.00	29.84 -0.78 0.00	33.88 -0.97 0.00	31.01 -0.91 0.00	37.13 -1.08 0.00	32.42 -0.95 0.00	29.16 -0.87 0.00	28.48 -0.87 0.00	26.85 -0.79 0.00	28.11 -0.82 0.00	28.93 -0.83 0.00	33.03 -0.96 0.00	39.07 -1.13 0.00	49.15 -1.41 0.00	80.77 -2.22 0.00	79.38 -2.05 0.00	82.64 -2.22 0.00	47.62 -1.33 0.00	37.58 -1.07 0.00	35.53 -1.00 0.00	34.05 -0.96 0.00
SITHE_IND_GS2 24170	37.73 -0.92 0.00	31.62 -0.77 0.00	30.21 -0.75 0.00	31.74 -0.77 0.00	29.84 -0.78 0.00	33.88 -0.97 0.00	31.01 -0.91 0.00	37.13 -1.08 0.00	32.42 -0.95 0.00	29.16 -0.87 0.00	28.48 -0.87 0.00	26.85 -0.79 0.00	28.11 -0.82 0.00	28.93 -0.83 0.00	33.03 -0.96 0.00	39.07 -1.13 0.00	49.15 -1.41 0.00	80.77 -2.22 0.00	79.38 -2.05 0.00	82.64 -2.22 0.00	47.62 -1.33 0.00	37.58 -1.07 0.00	35.53 -1.00 0.00	34.05 -0.96 0.00
SITHE_IND_GS3 24171	37.73 -0.92 0.00	31.62 -0.77 0.00	30.21 -0.75 0.00	31.74 -0.77 0.00	29.84 -0.78 0.00	33.88 -0.97 0.00	31.01 -0.91 0.00	37.13 -1.08 0.00	32.42 -0.95 0.00	29.16 -0.87 0.00	28.48 -0.87 0.00	26.85 -0.79 0.00	28.11 -0.82 0.00	28.93 -0.83 0.00	33.03 -0.96 0.00	39.07 -1.13 0.00	49.15 -1.41 0.00	80.77 -2.22 0.00	79.38 -2.05 0.00	82.64 -2.22 0.00	47.62 -1.33 0.00	37.58 -1.07 0.00	35.53 -1.00 0.00	34.05 -0.96 0.00
SITHE_IND_GS4 24172	37.73 -0.92 0.00	31.62 -0.77 0.00	30.21 -0.75 0.00	31.74 -0.77 0.00	29.84 -0.78 0.00	33.88 -0.97 0.00	31.01 -0.91 0.00	37.13 -1.08 0.00	32.42 -0.95 0.00	29.16 -0.87 0.00	28.48 -0.87 0.00	26.85 -0.79 0.00	28.11 -0.82 0.00	28.93 -0.83 0.00	33.03 -0.96 0.00	39.07 -1.13 0.00	49.15 -1.41 0.00	80.77 -2.22 0.00	79.38 -2.05 0.00	82.64 -2.22 0.00	47.62 -1.33 0.00	37.58 -1.07 0.00	35.53 -1.00 0.00	34.05 -0.96 0.00

SITHE___BATAVIA 24024	39.04 0.39 0.00	32.83 0.44 0.00	31.32 0.36 0.00	32.92 0.41 0.00	30.86 0.23 0.00	35.05 0.21 0.00	31.63 -0.29 0.00	37.62 -0.60 0.00	33.35 -0.01 0.00	30.24 0.20 0.00	29.42 0.08 0.00	27.86 0.22 0.00	29.17 0.24 0.00	30.01 0.24 0.00	34.05 0.05 0.00	40.25 0.06 0.00	50.29 -0.27 0.00	82.58 -0.41 0.00	82.94 1.52 0.00	86.23 1.37 0.00	49.33 0.39 0.00	38.64 0.00 0.00	36.63 0.10 0.00	35.19 0.18 0.00
SITHE___INDEPEND 23800	37.73 -0.92 0.00	31.62 -0.77 0.00	30.21 -0.75 0.00	31.74 -0.78 0.00	29.84 -0.78 0.00	33.88 -0.97 0.00	31.01 -0.91 0.00	37.13 -1.08 0.00	32.42 -0.94 0.00	29.16 -0.87 0.00	28.48 -0.87 0.00	26.85 -0.79 0.00	28.11 -0.82 0.00	28.93 -0.83 0.00	33.03 -0.96 0.00	39.07 -1.13 0.00	49.15 -1.41 0.00	80.77 -2.22 0.00	79.37 -2.06 0.00	82.64 -2.22 0.00	47.62 -1.33 0.00	37.58 -1.07 0.00	35.53 -1.00 0.00	34.05 -0.96 0.00
SITHE___MASSENA 23902	39.37 0.71 0.00	32.97 0.57 0.00	31.51 0.56 0.00	33.13 0.61 0.00	31.21 0.59 0.00	35.53 0.69 0.00	32.50 0.58 0.00	38.89 0.67 0.00	34.15 0.79 0.00	30.85 0.82 0.00	30.09 0.74 0.00	28.33 0.69 0.00	29.62 0.70 0.00	30.43 0.67 0.00	34.76 0.76 0.00	41.08 0.88 0.00	51.73 1.17 0.00	85.02 2.03 0.00	83.88 2.45 0.00	87.57 2.70 0.00	50.47 1.53 0.00	39.68 1.03 0.00	37.40 0.87 0.00	35.71 0.71 0.00
SITHE___OGDNSBRG 24021	40.15 1.50 0.00	33.61 1.22 0.00	32.13 1.17 0.00	33.77 1.26 0.00	31.81 1.19 0.00	36.27 1.42 0.00	33.15 1.23 0.00	39.72 1.50 0.00	34.82 1.46 0.00	31.30 1.27 0.00	30.39 1.05 0.00	28.50 0.87 0.00	29.79 0.86 0.00	30.58 0.82 0.00	34.93 0.94 0.00	41.31 1.11 0.00	52.07 1.52 0.00	86.23 3.23 0.00	86.03 4.61 0.00	90.01 5.15 0.00	51.83 2.89 0.00	40.68 2.03 0.00	38.30 1.77 0.00	36.51 1.51 0.00
SITHE___STERLING 23777	39.53 0.87 0.00	33.08 0.69 0.00	31.62 0.66 0.00	33.24 0.72 0.00	31.27 0.65 0.00	35.63 0.78 0.00	32.63 0.71 0.00	39.17 0.95 0.00	34.04 0.67 0.00	30.41 0.37 0.00	29.62 0.28 0.00	27.88 0.24 0.00	29.18 0.25 0.00	30.03 0.27 0.00	34.30 0.31 0.00	40.67 0.47 0.00	51.41 0.85 0.00	85.22 2.23 0.00	84.06 2.64 0.00	87.49 2.63 0.00	50.29 1.34 0.00	39.59 0.95 0.00	37.41 0.88 0.00	35.78 0.78 0.00
SLEIGHT__34_KV_TB1 80719	38.39 -0.26 0.00	32.21 -0.18 0.00	30.72 -0.24 0.00	32.29 -0.22 0.00	30.31 -0.31 0.00	34.50 -0.35 0.00	31.49 -0.43 0.00	37.64 -0.58 0.00	32.99 -0.38 0.00	29.70 -0.33 0.00	28.92 -0.43 0.00	27.33 -0.30 0.00	28.65 -0.28 0.00	29.51 -0.26 0.00	33.66 -0.33 0.00	39.78 -0.42 0.00	50.07 -0.49 0.00	82.55 -0.44 0.00	81.71 0.28 0.00	84.92 0.06 0.00	48.76 -0.18 0.00	38.30 -0.34 0.00	36.19 -0.34 0.00	34.66 -0.35 0.00
SMITHTWN_69_KV_BK 1 55830	35.48 0.36 3.54	-3.84 0.38 36.61	24.06 0.18 7.07	23.21 0.06 9.37	24.05 0.10 6.67	31.50 0.18 3.52	32.26 0.34 0.00	38.65 0.43 0.00	33.68 0.31 0.00	30.52 0.49 0.00	25.21 0.89 5.02	24.23 0.92 4.32	24.16 1.06 5.83	28.97 1.13 1.93	39.06 1.30 -3.77	41.48 1.28 0.00	51.59 1.04 0.00	60.77 1.06 23.29	43.19 0.30 38.53	46.65 0.06 38.28	47.42 0.23 1.76	39.25 0.60 0.00	37.37 0.84 0.00	36.05 1.04 0.00
SOUTH CAIRO___GT 23612	39.68 1.02 0.00	33.20 0.81 0.00	31.76 0.80 0.00	33.31 0.80 0.00	31.46 0.84 0.00	35.79 0.94 0.00	32.92 1.00 0.00	39.57 1.35 0.00	34.25 0.89 0.00	30.41 0.38 0.00	29.53 0.19 0.00	27.69 0.05 0.00	28.90 -0.03 0.00	29.70 -0.04 0.01	33.85 -0.14 0.00	39.94 -0.25 0.00	50.46 -0.09 0.00	83.58 0.59 0.00	82.37 0.95 0.00	86.06 1.20 0.00	49.79 0.85 0.00	39.37 0.73 0.00	37.08 0.55 0.00	35.52 0.51 0.00
SOUTH HAMPTN___IC 23720	35.74 -0.20 2.71	4.39 -0.01 27.98	25.36 -0.19 5.40	25.05 -0.31 7.16	25.32 -0.20 5.10	32.12 -0.03 2.69	32.16 0.23 0.00	38.60 0.38 0.00	33.61 0.24 0.00	30.48 0.44 0.00	26.42 0.91 3.84	25.28 0.95 3.30	25.58 1.10 4.46	32.11 1.15 -1.20	38.98 1.25 -3.74	41.45 1.25 0.00	51.62 1.06 0.00	60.84 1.33 23.49	43.10 0.54 38.87	46.28 0.03 38.61	47.37 0.20 1.78	39.25 0.60 0.00	37.40 0.87 0.00	36.03 1.03 0.00
SOUTHDOW_115KV_TB1 355954	38.96 0.30 0.00	32.78 0.39 0.00	31.14 0.19 0.00	32.85 0.33 0.00	30.70 0.08 0.00	35.06 0.21 0.00	31.73 -0.18 0.00	37.89 -0.33 0.00	33.72 0.36 0.00	30.77 0.73 0.00	29.99 0.65 0.00	28.55 0.92 0.00	29.91 0.98 0.00	30.67 0.91 0.00	34.74 0.75 0.00	41.41 1.21 0.00	51.71 1.16 0.00	83.92 0.92 0.00	83.93 2.50 0.00	87.09 2.23 0.00	49.79 0.84 0.00	38.83 0.19 0.00	36.87 0.34 0.00	35.29 0.28 0.00
SOUTHOLD_69_KV_BK 2 55809	35.50 -0.45 2.71	4.23 -0.19 27.97	25.21 -0.35 5.40	24.93 -0.43 7.16	25.28 -0.24 5.10	32.33 0.17 2.69	32.48 0.56 0.00	39.08 0.86 0.00	34.03 0.66 0.00	30.92 0.88 0.00	26.89 1.39 3.83	25.75 1.42 3.30	26.08 1.60 4.45	32.64 1.67 -1.21	39.53 1.79 -3.74	42.12 1.92 0.00	52.51 1.95 0.00	62.29 2.78 23.49	44.41 1.85 38.87	47.42 1.16 38.61	48.04 0.87 1.78	39.87 1.23 0.00	37.98 1.45 0.00	36.57 1.56 0.00
SOUTHOLD___IC 23719	35.49 -0.45 2.71	4.23 -0.19 27.97	25.21 -0.35 5.40	24.93 -0.43 7.16	25.28 -0.24 5.10	32.33 0.17 2.69	32.48 0.56 0.00	39.08 0.86 0.00	34.03 0.66 0.00	30.92 0.88 0.00	26.89 1.39 3.83	25.75 1.42 3.30	26.08 1.60 4.45	32.64 1.68 -1.21	39.53 1.79 -3.74	42.12 1.92 0.00	52.51 1.95 0.00	62.28 2.78 23.49	44.34 1.78 38.87	47.31 1.06 38.61	48.06 0.89 1.78	39.87 1.23 0.00	37.98 1.45 0.00	36.57 1.56 0.00
SOUTH_FORK_WT_PWR 323839	34.97 -0.97 2.71	3.81 -0.60 27.98	24.82 -0.74 5.40	24.56 -0.80 7.16	24.99 -0.54 5.10	32.16 0.00 2.69	32.42 0.50 0.00	39.05 0.83 0.00	33.99 0.62 0.00	30.93 0.89 0.00	26.95 1.44 3.83	25.81 1.48 3.30	26.14 1.67 4.45	32.69 1.73 -1.20	39.54 1.81 -3.74	42.10 1.90 0.00	52.50 1.94 0.00	62.19 2.68 23.49	44.12 1.56 38.87	46.94 0.69 38.61	47.91 0.74 1.78	39.86 1.21 0.00	38.00 1.47 0.00	36.59 1.58 0.00
SPIERFLS_115KV_TB 1 80737	39.62 0.97 0.00	33.17 0.78 0.00	31.70 0.74 0.00	33.28 0.76 0.00	31.40 0.78 0.00	35.86 1.02 0.00	32.91 0.99 0.00	39.42 1.20 0.00	34.04 0.68 0.00	30.36 0.32 0.00	29.46 0.12 0.00	27.64 0.01 0.00	28.92 -0.02 0.00	29.76 0.05 0.05	34.16 0.17 0.00	40.57 0.38 0.00	51.63 1.08 0.00	85.45 2.46 0.00	83.46 2.04 0.00	86.97 2.11 0.00	50.47 1.52 0.00	39.81 1.17 0.00	37.59 1.06 0.00	35.90 0.89 0.00
ST LAWRENCE____ 23600	38.88 0.22 0.00	32.57 0.18 0.00	31.14 0.18 0.00	32.72 0.21 0.00	30.82 0.19 0.00	35.10 0.25 0.00	32.11 0.19 0.00	38.41 0.19 0.00	33.72 0.36 0.00	30.48 0.44 0.00	29.74 0.40 0.00	28.01 0.37 0.00	29.31 0.37 0.00	30.12 0.35 0.00	34.40 0.40 0.00	40.65 0.46 0.00	51.16 0.60 0.00	83.98 0.99 0.00	82.66 1.23 0.00	86.25 1.39 0.00	49.74 0.80 0.00	39.14 0.49 0.00	36.91 0.38 0.00	35.27 0.26 0.00

STATE_CA_115KV_115_LB 55624	38.72 0.07 0.00	32.46 0.06 0.00	31.05 0.09 0.00	32.55 0.03 0.00	30.75 0.12 0.00	34.92 0.08 0.00	32.16 0.23 0.00	38.55 0.33 0.00	33.45 0.08 0.00	30.00 -0.04 0.00	29.35 0.01 0.00	27.57 -0.06 0.00	28.86 -0.07 0.00	29.66 -0.06 0.05	33.93 -0.07 0.00	40.06 -0.14 0.00	50.40 -0.15 0.00	82.71 -0.28 0.00	80.62 -0.80 0.00	84.11 -0.75 0.00	48.69 -0.25 0.00	38.56 -0.08 0.00	36.44 -0.09 0.00	35.00 -0.01 0.00
STATE_ST_34_KV_LOAD 55959	38.92 0.26 0.00	32.67 0.28 0.00	31.10 0.14 0.00	32.75 0.24 0.00	30.73 0.11 0.00	35.07 0.22 0.00	32.09 0.17 0.00	38.38 0.16 0.00	33.45 0.08 0.00	29.95 -0.08 0.00	29.13 -0.21 0.00	27.55 -0.09 0.00	28.87 -0.07 0.00	29.71 -0.06 0.00	33.95 -0.05 0.00	40.07 -0.12 0.00	50.69 0.13 0.00	83.62 0.63 0.00	82.54 1.11 0.00	85.64 0.78 0.00	49.35 0.41 0.00	38.92 0.27 0.00	36.76 0.23 0.00	35.17 0.17 0.00
STATION_5_MISC_HYD 23604	38.67 0.02 0.00	32.45 0.06 0.00	30.97 0.01 0.00	32.55 0.03 0.00	30.54 -0.08 0.00	34.70 -0.14 0.00	31.57 -0.35 0.00	37.68 -0.54 0.00	33.19 -0.17 0.00	30.03 -0.01 0.00	29.32 -0.02 0.00	27.77 0.14 0.00	29.12 0.19 0.00	29.98 0.22 0.00	34.15 0.15 0.00	40.32 0.12 0.00	50.56 0.00 0.00	82.96 -0.03 0.00	82.11 0.68 0.00	85.34 0.48 0.00	48.91 -0.03 0.00	38.39 -0.25 0.00	36.32 -0.21 0.00	34.85 -0.16 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	38.64 -0.01 0.00	32.44 0.04 0.00	30.95 -0.01 0.00	32.53 0.02 0.00	30.55 -0.07 0.00	34.75 -0.10 0.00	31.68 -0.24 0.00	37.82 -0.40 0.00	33.22 -0.14 0.00	29.94 -0.09 0.00	29.19 -0.15 0.00	27.60 -0.03 0.00	28.94 0.01 0.00	29.80 0.04 0.00	33.98 -0.01 0.00	40.17 -0.03 0.00	50.53 -0.02 0.00	83.16 0.17 0.00	82.28 0.86 0.00	85.52 0.66 0.00	49.08 0.13 0.00	38.53 -0.11 0.00	36.43 -0.10 0.00	34.90 -0.10 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	38.43 -0.22 0.00	32.26 -0.13 0.00	30.79 -0.16 0.00	32.35 -0.17 0.00	30.35 -0.27 0.00	34.50 -0.35 0.00	31.41 -0.51 0.00	37.48 -0.73 0.00	33.01 -0.36 0.00	29.84 -0.19 0.00	29.13 -0.21 0.00	27.59 -0.04 0.00	28.93 0.00 0.00	29.79 0.03 0.00	33.94 -0.06 0.00	40.07 -0.12 0.00	50.27 -0.28 0.00	82.55 -0.44 0.00	81.65 0.23 0.00	84.89 0.03 0.00	48.67 -0.27 0.00	38.20 -0.44 0.00	36.13 -0.39 0.00	34.64 -0.36 0.00
STA_56___34_KV_BUS2 355983	38.43 -0.22 0.00	32.26 -0.13 0.00	30.79 -0.16 0.00	32.35 -0.17 0.00	30.35 -0.27 0.00	34.50 -0.35 0.00	31.41 -0.51 0.00	37.48 -0.73 0.00	33.01 -0.36 0.00	29.84 -0.19 0.00	29.13 -0.21 0.00	27.59 -0.04 0.00	28.93 0.00 0.00	29.79 0.03 0.00	33.94 -0.06 0.00	40.07 -0.12 0.00	50.27 -0.28 0.00	82.55 -0.44 0.00	81.65 0.23 0.00	84.89 0.03 0.00	48.67 -0.27 0.00	38.20 -0.44 0.00	36.13 -0.39 0.00	34.64 -0.36 0.00
STA_67___115KV_BK2 355882	38.60 -0.05 0.00	32.39 0.00 0.00	30.92 -0.03 0.00	32.49 -0.02 0.00	30.48 -0.14 0.00	34.64 -0.21 0.00	31.51 -0.41 0.00	37.60 -0.62 0.00	33.14 -0.23 0.00	29.97 -0.06 0.00	29.27 -0.07 0.00	27.71 0.08 0.00	29.07 0.13 0.00	29.92 0.16 0.00	34.07 0.07 0.00	40.23 0.03 0.00	50.43 -0.13 0.00	82.71 -0.28 0.00	81.89 0.46 0.00	85.14 0.27 0.00	48.81 -0.13 0.00	38.31 -0.34 0.00	36.25 -0.28 0.00	34.78 -0.23 0.00
STA_7___115KV_9TRANS 80674	38.82 0.17 0.00	32.58 0.18 0.00	31.08 0.12 0.00	32.65 0.14 0.00	30.63 0.01 0.00	34.81 -0.03 0.00	31.67 -0.24 0.00	37.81 -0.41 0.00	33.32 -0.05 0.00	30.14 0.11 0.00	29.43 0.09 0.00	27.88 0.24 0.00	29.25 0.32 0.00	30.12 0.35 0.00	34.32 0.32 0.00	40.53 0.34 0.00	50.86 0.30 0.00	83.45 0.46 0.00	82.56 1.13 0.00	85.75 0.88 0.00	49.13 0.19 0.00	38.56 -0.08 0.00	36.49 -0.04 0.00	34.99 -0.02 0.00
STA_82___115KV_TB1 80780	38.60 -0.05 0.00	32.41 0.02 0.00	30.93 -0.03 0.00	32.50 -0.01 0.00	30.49 -0.13 0.00	34.65 -0.19 0.00	31.52 -0.40 0.00	37.62 -0.60 0.00	33.15 -0.22 0.00	29.99 -0.05 0.00	29.28 -0.07 0.00	27.72 0.09 0.00	29.07 0.14 0.00	29.92 0.16 0.00	34.07 0.08 0.00	40.23 0.03 0.00	50.43 -0.12 0.00	82.76 -0.24 0.00	81.93 0.51 0.00	85.20 0.34 0.00	48.83 -0.11 0.00	38.33 -0.32 0.00	36.27 -0.26 0.00	34.78 -0.23 0.00
STEEL___WIND 323596	38.32 -0.33 0.00	32.29 -0.10 0.00	30.80 -0.15 0.00	32.44 -0.08 0.00	30.33 -0.29 0.00	34.47 -0.38 0.00	31.03 -0.89 0.00	36.88 -1.34 0.00	32.88 -0.49 0.00	30.03 0.00 0.00	29.34 0.00 0.00	27.90 0.27 0.00	29.20 0.27 0.00	30.01 0.25 0.00	33.95 -0.04 0.00	40.23 0.04 0.00	50.08 -0.47 0.00	81.32 -1.68 0.00	81.32 -0.11 0.00	84.44 -0.42 0.00	48.27 -0.68 0.00	37.81 -0.83 0.00	35.91 -0.62 0.00	34.50 -0.51 0.00
STEPHTWN_115KV_BK_2 55603	38.89 0.23 0.00	32.52 0.12 0.00	31.13 0.17 0.00	32.62 0.11 0.00	30.82 0.20 0.00	35.15 0.30 0.00	32.33 0.41 0.00	38.80 0.58 0.00	33.61 0.24 0.00	30.06 0.03 0.00	29.42 0.08 0.00	27.57 -0.06 0.00	28.92 -0.01 0.00	29.67 -0.05 0.05	33.96 -0.03 0.00	40.14 -0.06 0.00	50.46 -0.09 0.00	82.85 -0.13 0.00	80.76 -0.67 0.00	84.29 -0.57 0.00	48.69 -0.26 0.00	38.51 -0.14 0.00	36.43 -0.10 0.00	35.01 0.00 0.00
STEBEN_REC_LFGE 323667	38.53 -0.13 0.00	32.38 -0.01 0.00	30.89 -0.07 0.00	32.57 0.06 0.00	30.49 -0.13 0.00	34.71 -0.14 0.00	31.42 -0.50 0.00	37.37 -0.85 0.00	32.85 -0.51 0.00	29.73 -0.30 0.00	28.96 -0.38 0.00	27.49 -0.14 0.00	28.77 -0.16 0.00	29.54 -0.22 0.00	33.60 -0.40 0.00	39.81 -0.39 0.00	49.97 -0.59 0.00	82.12 -0.87 0.00	82.38 0.96 0.00	85.67 0.80 0.00	48.92 -0.03 0.00	38.10 -0.54 0.00	36.05 -0.48 0.00	34.34 -0.67 0.00
STILLWATER___SOLAR 323814	39.70 1.05 0.00	33.24 0.85 0.00	31.76 0.80 0.00	33.32 0.80 0.00	31.44 0.82 0.00	35.88 1.03 0.00	32.93 1.01 0.00	39.47 1.25 0.00	34.14 0.77 0.00	30.49 0.45 0.00	29.68 0.34 0.00	27.84 0.21 0.00	29.15 0.21 0.00	29.95 0.25 0.06	34.37 0.38 0.00	40.78 0.58 0.00	51.67 1.11 0.00	85.26 2.27 0.00	83.29 1.86 0.00	86.84 1.97 0.00	50.30 1.36 0.00	39.75 1.11 0.00	37.55 1.01 0.00	35.97 0.96 0.00
STONY___BROOK 24151	35.89 0.28 3.04	1.28 0.34 31.45	25.03 0.14 6.07	24.49 0.02 8.04	24.95 0.06 5.73	31.94 0.12 3.02	32.21 0.29 0.00	38.60 0.38 0.00	33.61 0.25 0.00	30.47 0.43 0.00	25.89 0.86 4.31	24.81 0.88 3.71	24.96 1.04 5.00	30.83 1.10 0.03	38.99 1.23 -3.76	41.39 1.19 0.00	51.47 0.91 0.00	60.36 0.72 23.35	42.70 -0.08 38.64	46.12 -0.36 38.38	47.33 0.15 1.77	39.17 0.52 0.00	37.30 0.77 0.00	35.97 0.96 0.00
STURGEON_POOL_HYD 23609	39.28 0.62 0.00	32.95 0.56 0.00	31.39 0.44 0.00	32.89 0.37 0.00	31.04 0.42 0.00	35.39 0.55 0.00	32.55 0.63 0.00	39.02 0.80 0.00	33.98 0.61 0.00	30.65 0.62 0.00	30.08 0.73 0.00	28.31 0.68 0.00	29.68 0.76 0.00	30.69 0.88 -0.05	35.07 1.07 0.00	41.59 1.39 0.00	52.07 1.51 0.00	85.25 2.26 0.00	82.98 1.56 0.00	86.41 1.55 0.00	49.76 0.82 0.00	39.50 0.85 0.00	37.47 0.94 0.00	36.01 1.01 0.00

ST_LAW_115_BK7_LBMP 345037	38.91 0.26 0.00	32.60 0.21 0.00	31.17 0.21 0.00	32.75 0.24 0.00	30.85 0.23 0.00	35.13 0.29 0.00	32.14 0.21 0.00	38.44 0.22 0.00	33.76 0.39 0.00	30.52 0.48 0.00	29.77 0.43 0.00	28.04 0.40 0.00	29.33 0.40 0.00	30.13 0.37 0.00	34.42 0.42 0.00	40.68 0.48 0.00	51.20 0.64 0.00	84.04 1.05 0.00	82.76 1.33 0.00	86.38 1.52 0.00	49.81 0.87 0.00	39.18 0.54 0.00	36.95 0.42 0.00	35.30 0.29 0.00
ST_LAW_115_BK8_LBMP 345038	38.91 0.26 0.00	32.60 0.21 0.00	31.17 0.21 0.00	32.75 0.24 0.00	30.85 0.23 0.00	35.13 0.29 0.00	32.14 0.21 0.00	38.44 0.22 0.00	33.76 0.39 0.00	30.52 0.48 0.00	29.77 0.43 0.00	28.04 0.40 0.00	29.33 0.40 0.00	30.13 0.37 0.00	34.42 0.42 0.00	40.68 0.48 0.00	51.20 0.64 0.00	84.04 1.05 0.00	82.76 1.33 0.00	86.38 1.52 0.00	49.81 0.87 0.00	39.18 0.54 0.00	36.95 0.42 0.00	35.30 0.29 0.00
ST_LAW_230_BK5_LBMP 345035	38.88 0.22 0.00	32.57 0.18 0.00	31.14 0.18 0.00	32.72 0.21 0.00	30.82 0.19 0.00	35.10 0.25 0.00	32.11 0.19 0.00	38.41 0.19 0.00	33.72 0.36 0.00	30.48 0.44 0.00	29.74 0.40 0.00	28.01 0.37 0.00	29.31 0.37 0.00	30.12 0.35 0.00	34.40 0.40 0.00	40.65 0.46 0.00	51.16 0.60 0.00	83.98 0.99 0.00	82.66 1.23 0.00	86.25 1.39 0.00	49.74 0.80 0.00	39.14 0.49 0.00	36.91 0.38 0.00	35.27 0.26 0.00
ST_LAW_230_BK6_LBMP 345036	38.88 0.22 0.00	32.57 0.18 0.00	31.14 0.18 0.00	32.72 0.21 0.00	30.82 0.19 0.00	35.10 0.25 0.00	32.11 0.19 0.00	38.41 0.19 0.00	33.72 0.36 0.00	30.48 0.44 0.00	29.74 0.40 0.00	28.01 0.37 0.00	29.31 0.37 0.00	30.12 0.35 0.00	34.40 0.40 0.00	40.65 0.46 0.00	51.16 0.60 0.00	83.98 0.99 0.00	82.66 1.23 0.00	86.25 1.39 0.00	49.74 0.80 0.00	39.14 0.49 0.00	36.91 0.38 0.00	35.27 0.26 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	39.13 0.48 0.00	32.83 0.44 0.00	31.26 0.30 0.00	32.76 0.24 0.00	30.92 0.29 0.00	35.24 0.39 0.00	32.42 0.50 0.00	38.87 0.65 0.00	33.82 0.46 0.00	30.50 0.47 0.00	29.94 0.60 0.00	28.20 0.57 0.00	29.58 0.65 0.00	30.58 0.75 -0.07	34.91 0.91 0.00	41.34 1.14 0.00	51.77 1.21 0.00	84.80 1.81 0.00	82.58 1.16 0.00	85.94 1.08 0.00	49.46 0.52 0.00	39.26 0.61 0.00	37.26 0.73 0.00	35.84 0.83 0.00
SWANROAD_115KV_TB1 355699	37.67 -0.99 0.00	31.78 -0.61 0.00	30.34 -0.62 0.00	31.93 -0.59 0.00	29.88 -0.75 0.00	33.90 -0.95 0.00	30.42 -1.51 0.00	35.92 -2.30 0.00	32.13 -1.24 0.00	29.47 -0.57 0.00	28.84 -0.50 0.00	27.41 -0.23 0.00	28.69 -0.24 0.00	29.49 -0.28 0.00	33.31 -0.68 0.00	39.33 -0.87 0.00	48.75 -1.80 0.00	79.05 -3.94 0.00	79.02 -2.93 0.00	81.94 -2.00 0.00	46.95 -2.00 0.00	36.88 -1.77 0.00	35.14 -1.40 0.00	33.93 -1.07 0.00
SYNERGY___BIOGAS 323694	39.04 0.39 0.00	32.83 0.44 0.00	31.32 0.36 0.00	32.93 0.41 0.00	30.86 0.24 0.00	35.05 0.20 0.00	31.63 -0.29 0.00	37.62 -0.60 0.00	33.34 -0.02 0.00	30.24 0.20 0.00	29.42 0.08 0.00	27.86 0.22 0.00	29.18 0.25 0.00	30.01 0.25 0.00	34.05 0.05 0.00	40.25 0.06 0.00	50.29 -0.27 0.00	82.58 -0.41 0.00	82.93 1.50 0.00	86.21 1.34 0.00	49.34 0.39 0.00	38.64 0.00 0.00	36.63 0.10 0.00	35.19 0.18 0.00
SYRACUSE___ENERGY_ST1 323597	38.64 -0.01 0.00	32.38 -0.01 0.00	30.91 -0.05 0.00	32.50 -0.02 0.00	30.55 -0.07 0.00	34.76 -0.09 0.00	31.81 -0.11 0.00	38.08 -0.14 0.00	33.21 -0.16 0.00	29.81 -0.23 0.00	29.07 -0.27 0.00	27.43 -0.20 0.00	28.72 -0.21 0.00	29.57 -0.20 0.00	33.78 -0.22 0.00	39.99 -0.20 0.00	50.43 -0.12 0.00	83.06 0.07 0.00	81.71 0.29 0.00	85.03 0.17 0.00	48.93 -0.01 0.00	38.59 -0.05 0.00	36.47 -0.07 0.00	34.93 -0.08 0.00
SYRACUSE___ENERGY_ST2 323598	38.64 -0.01 0.00	32.38 -0.01 0.00	30.91 -0.05 0.00	32.50 -0.02 0.00	30.55 -0.07 0.00	34.76 -0.09 0.00	31.81 -0.11 0.00	38.08 -0.14 0.00	33.21 -0.16 0.00	29.81 -0.23 0.00	29.07 -0.27 0.00	27.43 -0.20 0.00	28.72 -0.21 0.00	29.57 -0.20 0.00	33.78 -0.22 0.00	39.99 -0.20 0.00	50.43 -0.12 0.00	83.06 0.07 0.00	81.71 0.29 0.00	85.03 0.17 0.00	48.93 -0.01 0.00	38.59 -0.05 0.00	36.47 -0.07 0.00	34.93 -0.08 0.00
SYRACUSE___POWER 24017	38.69 0.04 0.00	32.42 0.03 0.00	30.97 0.01 0.00	32.53 0.02 0.00	30.60 -0.03 0.00	34.79 -0.05 0.00	31.85 -0.07 0.00	38.14 -0.08 0.00	33.26 -0.10 0.00	29.86 -0.18 0.00	29.13 -0.21 0.00	27.47 -0.16 0.00	28.77 -0.16 0.00	29.62 -0.14 0.00	33.84 -0.15 0.00	40.07 -0.13 0.00	50.48 -0.08 0.00	83.17 0.17 0.00	81.86 0.44 0.00	85.22 0.36 0.00	49.02 0.08 0.00	38.65 0.00 0.00	36.51 -0.02 0.00	34.97 -0.03 0.00
TALLMAN_138KV_BK151 55660	39.22 0.57 0.00	32.92 0.52 0.00	31.32 0.36 0.00	32.81 0.29 0.00	30.96 0.34 0.00	35.32 0.48 0.00	32.51 0.59 0.00	38.97 0.75 0.00	33.93 0.57 0.00	30.62 0.58 0.00	30.09 0.74 0.00	28.35 0.72 0.00	29.75 0.82 0.00	30.78 0.94 -0.08	35.13 1.14 0.00	41.58 1.39 0.00	52.02 1.46 0.00	85.17 2.17 0.00	82.86 1.43 0.00	86.22 1.35 0.00	49.58 0.64 0.00	39.36 0.71 0.00	37.40 0.87 0.00	36.00 0.99 0.00
TEALLAVE_115KV_TB7 355573	38.46 -0.19 0.00	32.23 -0.16 0.00	30.78 -0.17 0.00	32.34 -0.18 0.00	30.41 -0.21 0.00	34.58 -0.27 0.00	31.64 -0.28 0.00	37.88 -0.34 0.00	33.06 -0.30 0.00	29.71 -0.33 0.00	29.01 -0.34 0.00	27.36 -0.28 0.00	28.65 -0.28 0.00	29.50 -0.26 0.00	33.70 -0.30 0.00	39.85 -0.34 0.00	50.19 -0.37 0.00	82.59 -0.41 0.00	81.22 -0.21 0.00	84.55 -0.32 0.00	48.65 -0.30 0.00	38.36 -0.28 0.00	36.25 -0.28 0.00	34.73 -0.28 0.00
TELGRAPH_34_KV_EAST 80808	38.38 -0.28 0.00	32.33 -0.06 0.00	30.85 -0.10 0.00	32.46 -0.06 0.00	30.38 -0.24 0.00	34.49 -0.35 0.00	31.03 -0.89 0.00	36.79 -1.42 0.00	32.79 -0.57 0.00	29.91 -0.12 0.00	29.20 -0.14 0.00	27.71 0.08 0.00	29.02 0.09 0.00	29.83 0.07 0.00	33.78 -0.21 0.00	39.92 -0.27 0.00	49.66 -0.90 0.00	80.99 -2.00 0.00	81.07 -0.36 0.00	84.17 -0.69 0.00	48.19 -0.76 0.00	37.77 -0.87 0.00	35.91 -0.62 0.00	34.58 -0.43 0.00
TEMPLE___115KV_TB 2 55572	38.48 -0.17 0.00	32.24 -0.15 0.00	30.80 -0.16 0.00	32.35 -0.17 0.00	30.42 -0.20 0.00	34.60 -0.25 0.00	31.65 -0.27 0.00	37.90 -0.32 0.00	33.07 -0.30 0.00	29.72 -0.31 0.00	29.02 -0.33 0.00	27.37 -0.26 0.00	28.67 -0.26 0.00	29.52 -0.25 0.00	33.72 -0.28 0.00	39.89 -0.30 0.00	50.23 -0.33 0.00	82.65 -0.34 0.00	81.29 -0.14 0.00	84.60 -0.26 0.00	48.67 -0.27 0.00	38.38 -0.26 0.00	36.28 -0.25 0.00	34.76 -0.25 0.00
TIANA___69_KV_BK 1 55817	35.81 -0.13 2.71	4.45 0.03 27.97	25.41 -0.14 5.40	25.10 -0.26 7.16	25.34 -0.18 5.10	32.09 -0.07 2.69	32.10 0.18 0.00	38.51 0.29 0.00	33.53 0.16 0.00	30.39 0.36 0.00	26.32 0.81 3.83	25.19 0.85 3.30	25.47 0.99 4.45	32.01 1.04 -1.21	38.87 1.13 -3.74	41.33 1.13 0.00	51.43 0.88 0.00	60.61 1.10 23.49	42.95 0.39 38.87	46.23 -0.02 38.61	47.25 0.08 1.78	39.15 0.50 0.00	37.29 0.76 0.00	35.94 0.93 0.00

TILDEN___115KV_TB1 80814	38.69 0.04 0.00	32.42 0.03 0.00	30.97 0.01 0.00	32.53 0.02 0.00	30.60 -0.03 0.00	34.79 -0.05 0.00	31.85 -0.07 0.00	38.14 -0.08 0.00	33.26 -0.10 0.00	29.86 -0.18 0.00	29.13 -0.21 0.00	27.47 -0.16 0.00	28.77 -0.16 0.00	29.62 -0.14 0.00	33.84 -0.15 0.00	40.07 -0.13 0.00	50.48 -0.08 0.00	83.17 0.17 0.00	81.86 0.44 0.00	85.22 0.36 0.00	49.02 0.08 0.00	38.65 0.00 0.00	36.51 -0.02 0.00	34.97 -0.03 0.00
TRIGEN___CC 323695	39.35 0.70 0.00	33.03 0.64 0.00	31.42 0.46 0.00	32.89 0.37 0.00	31.01 0.39 0.00	35.35 0.50 0.00	32.54 0.62 0.00	38.98 0.76 0.00	33.97 0.60 0.00	30.76 0.73 0.00	30.40 1.05 0.00	28.68 1.05 0.00	30.11 1.18 -0.01	51.57 1.25 -20.55	42.06 1.42 -6.64	41.75 1.55 0.00	51.97 1.41 0.00	80.57 1.84 4.26	75.45 1.03 7.01	79.62 1.03 6.27	49.28 0.62 0.29	39.50 0.85 0.00	37.52 0.99 0.00	36.17 1.16 0.00
TRINITY___115KV___4 BK 55933	38.57 -0.08 0.00	32.33 -0.06 0.00	30.93 -0.03 0.00	32.42 -0.10 0.00	30.63 0.01 0.00	34.80 -0.04 0.00	32.04 0.12 0.00	38.42 0.20 0.00	33.33 -0.04 0.00	29.89 -0.15 0.00	29.26 -0.09 0.00	27.49 -0.15 0.00	28.77 -0.16 0.00	29.54 -0.17 0.05	33.78 -0.21 0.00	39.87 -0.32 0.00	50.12 -0.43 0.00	82.21 -0.79 0.00	80.08 -1.35 0.00	83.60 -1.26 0.00	48.43 -0.51 0.00	38.37 -0.28 0.00	36.26 -0.27 0.00	34.84 -0.17 0.00
UNION___PROCESSING_DRP 323587	38.62 -0.04 0.00	32.41 0.02 0.00	30.94 -0.02 0.00	32.51 -0.01 0.00	30.50 -0.12 0.00	34.66 -0.18 0.00	31.53 -0.39 0.00	37.63 -0.59 0.00	33.16 -0.21 0.00	29.99 -0.05 0.00	29.28 -0.07 0.00	27.72 0.09 0.00	29.07 0.14 0.00	29.92 0.16 0.00	34.08 0.09 0.00	40.23 0.04 0.00	50.46 -0.10 0.00	82.78 -0.21 0.00	81.97 0.54 0.00	85.22 0.36 0.00	48.85 -0.10 0.00	38.35 -0.30 0.00	36.28 -0.25 0.00	34.80 -0.21 0.00
UPPER HUDSON___HYD 24058	39.62 0.97 0.00	33.17 0.78 0.00	31.70 0.74 0.00	33.28 0.76 0.00	31.41 0.79 0.00	35.86 1.02 0.00	32.91 0.99 0.00	39.42 1.20 0.00	34.04 0.68 0.00	30.35 0.32 0.00	29.46 0.12 0.00	27.64 0.01 0.00	28.92 -0.02 0.00	29.76 0.05 0.00	34.16 0.17 0.00	40.57 0.38 0.00	51.63 1.08 0.00	85.45 2.46 0.00	83.46 2.03 0.00	86.97 2.11 0.00	50.47 1.52 0.00	39.81 1.17 0.00	37.58 1.05 0.00	35.90 0.90 0.00
UPPER RAQUET___HYD 24056	39.64 0.98 0.00	33.16 0.77 0.00	31.71 0.75 0.00	33.34 0.83 0.00	31.40 0.78 0.00	35.83 0.98 0.00	32.78 0.86 0.00	39.28 1.06 0.00	34.49 1.13 0.00	31.10 1.07 0.00	30.24 0.90 0.00	28.43 0.79 0.00	29.69 0.76 0.00	30.49 0.73 0.00	34.80 0.80 0.00	41.13 0.93 0.00	51.94 1.38 0.00	85.87 2.88 0.00	85.11 3.69 0.00	88.93 4.07 0.00	51.18 2.24 0.00	40.18 1.53 0.00	37.86 1.33 0.00	36.10 1.09 0.00
VALLEY44_115KV_TB2 355964	37.96 -0.69 0.00	32.13 -0.25 0.00	30.63 -0.33 0.00	32.31 -0.21 0.00	30.24 -0.38 0.00	34.50 -0.35 0.00	31.18 -0.74 0.00	37.22 -1.00 0.00	33.00 -0.36 0.00	30.03 -0.01 0.00	29.25 -0.10 0.00	27.79 0.16 0.00	29.13 0.20 0.00	29.80 0.04 0.00	33.76 -0.23 0.00	40.11 -0.09 0.00	50.00 -0.56 0.00	81.25 -1.74 0.00	80.98 -0.45 0.00	84.09 -0.77 0.00	47.96 -0.98 0.00	37.50 -1.15 0.00	35.65 -0.88 0.00	34.35 -0.66 0.00
VALLEY___115KV_TB 1-4 80826	39.89 1.24 0.00	33.42 1.03 0.00	31.89 0.93 0.00	33.49 0.97 0.00	31.59 0.96 0.00	35.99 1.14 0.00	33.06 1.14 0.00	39.61 1.39 0.00	34.05 0.68 0.00	30.24 0.20 0.00	29.46 0.12 0.00	27.71 0.07 0.00	29.02 0.09 0.00	29.88 0.12 0.00	34.15 0.15 0.00	40.48 0.28 0.00	51.18 0.62 0.00	85.01 2.01 0.00	83.89 2.47 0.00	87.49 2.63 0.00	50.54 1.60 0.00	39.98 1.33 0.00	37.75 1.23 0.00	36.17 1.16 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	39.57 0.91 0.00	33.19 0.80 0.00	31.69 0.73 0.00	33.27 0.75 0.00	31.33 0.71 0.00	35.73 0.89 0.00	32.87 0.95 0.00	39.29 1.07 0.00	34.24 0.88 0.00	30.83 0.79 0.00	30.15 0.81 0.00	28.36 0.72 0.00	29.70 0.77 0.00	30.59 0.81 -0.01	34.92 0.92 0.00	41.45 1.25 0.00	52.22 1.66 0.00	85.72 2.72 0.00	83.71 2.29 0.00	87.06 2.20 0.00	50.14 1.20 0.00	39.68 1.03 0.00	37.56 1.03 0.00	35.99 0.99 0.00
VISCHER___FERRY HYD 24020	39.25 0.59 0.00	32.85 0.46 0.00	31.40 0.44 0.00	32.93 0.41 0.00	31.08 0.46 0.00	35.42 0.58 0.00	32.55 0.63 0.00	39.03 0.81 0.00	33.79 0.43 0.00	30.28 0.25 0.00	29.57 0.23 0.00	27.74 0.11 0.00	29.03 0.10 0.00	29.81 0.12 0.07	34.18 0.18 0.00	40.44 0.25 0.00	51.02 0.46 0.00	83.85 0.86 0.00	81.69 0.27 0.00	85.32 0.46 0.00	49.47 0.53 0.00	39.14 0.50 0.00	36.98 0.45 0.00	35.52 0.51 0.00
V_A_10_SYNC_DSASP 323832	38.02 -0.63 0.00	32.04 -0.35 0.00	30.60 -0.36 0.00	32.19 -0.33 0.00	30.13 -0.49 0.00	34.22 -0.63 0.00	30.84 -1.08 0.00	36.66 -1.56 0.00	32.64 -0.73 0.00	29.79 -0.25 0.00	29.11 -0.23 0.00	27.64 0.01 0.00	28.96 0.03 0.00	29.74 -0.02 0.00	33.70 -0.29 0.00	39.55 -0.64 0.00	49.18 -1.38 0.00	79.96 -3.04 0.00	79.60 -1.83 0.00	82.80 -2.06 0.00	47.40 -1.54 0.00	37.14 -1.51 0.00	35.31 -1.22 0.00	34.04 -0.97 0.00
V_CMM_10_SYNC_DSASP 323787	39.13 0.48 0.00	32.77 0.38 0.00	31.33 0.36 0.00	32.93 0.42 0.00	31.01 0.39 0.00	35.31 0.47 0.00	32.30 0.37 0.00	38.63 0.41 0.00	33.94 0.57 0.00	30.67 0.64 0.00	29.93 0.59 0.00	28.19 0.56 0.00	29.49 0.56 0.00	30.30 0.54 0.00	34.60 0.61 0.00	40.89 0.70 0.00	51.47 0.91 0.00	84.50 1.51 0.00	83.24 1.81 0.00	86.86 2.00 0.00	50.09 1.15 0.00	39.40 0.75 0.00	37.14 0.62 0.00	35.48 0.47 0.00
V_CMP_10_SYNC_DSASP 323788	39.26 0.60 0.00	32.70 0.31 0.00	31.12 0.17 0.00	32.80 0.28 0.00	31.01 0.38 0.00	35.62 0.77 0.00	32.88 0.96 0.00	39.34 1.12 0.00	34.76 1.40 0.00	31.47 1.44 0.00	30.75 1.41 0.00	28.99 1.35 0.00	30.25 1.32 0.00	31.11 1.35 0.00	35.62 1.62 0.00	42.34 2.15 0.00	53.84 3.28 0.00	88.95 5.96 0.00	86.88 5.46 0.00	91.02 6.16 0.00	52.37 3.43 0.00	41.12 2.47 0.00	38.62 2.09 0.00	36.58 1.57 0.00
V_D_10_SYNC_DSASP 323841	39.36 0.71 0.00	32.96 0.57 0.00	31.51 0.55 0.00	33.13 0.61 0.00	31.19 0.57 0.00	35.53 0.68 0.00	32.49 0.57 0.00	38.89 0.67 0.00	34.14 0.78 0.00	30.85 0.82 0.00	30.08 0.74 0.00	28.32 0.68 0.00	29.62 0.70 0.00	30.43 0.66 0.00	34.75 0.76 0.00	41.07 0.88 0.00	51.72 1.17 0.00	85.01 2.02 0.00	83.86 2.43 0.00	87.53 2.67 0.00	50.46 1.52 0.00	39.67 1.03 0.00	37.39 0.87 0.00	35.71 0.71 0.00
V_E_10_SYNC_DSASP 323830	40.63 1.97 0.00	34.06 1.67 0.00	32.50 1.54 0.00	34.24 1.72 0.00	32.20 1.57 0.00	36.78 1.93 0.00	33.67 1.75 0.00	40.42 2.20 0.00	35.08 1.71 0.00	31.15 1.11 0.00	30.13 0.79 0.00	28.34 0.71 0.00	29.67 0.74 0.00	30.56 0.78 -0.01	34.90 0.90 0.00	41.63 1.43 0.00	52.90 2.35 0.00	88.01 5.01 0.00	87.48 6.05 0.00	91.12 6.25 0.00	52.32 3.37 0.00	41.12 2.48 0.00	38.80 2.27 0.00	37.07 2.06 0.00

V_F_30_NSYNC___DSASP 323816	39.75 1.09 0.00	33.29 0.90 0.00	31.79 0.84 0.00	33.36 0.85 0.00	31.47 0.85 0.00	35.92 1.08 0.00	32.96 1.04 0.00	39.50 1.28 0.00	34.19 0.82 0.00	30.55 0.51 0.00	29.75 0.41 0.00	27.91 0.28 0.00	29.23 0.30 0.00	30.04 0.33 0.05	34.47 0.48 0.00	40.90 0.70 0.00	51.79 1.23 0.00	85.42 2.43 0.00	83.45 2.03 0.00	86.99 2.13 0.00	50.37 1.43 0.00	39.80 1.15 0.00	37.58 1.05 0.00	36.02 1.02 0.00
V_F_30_SYNC_DSASP 323786	38.72 0.06 0.00	32.46 0.06 0.00	31.05 0.09 0.00	32.55 0.03 0.00	30.75 0.12 0.00	34.92 0.08 0.00	32.16 0.23 0.00	38.55 0.33 0.00	33.45 0.08 0.00	29.99 -0.04 0.00	29.35 0.01 0.00	27.57 -0.06 0.00	28.86 -0.07 0.00	29.65 -0.06 0.05	33.92 -0.07 0.00	40.06 -0.14 0.00	50.39 -0.16 0.00	82.70 -0.29 0.00	80.61 -0.81 0.00	84.11 -0.75 0.00	48.69 -0.25 0.00	38.56 -0.08 0.00	36.44 -0.09 0.00	35.00 -0.01 0.00
V_XM_10_SYNC_DSASP 323789	39.26 0.60 0.00	32.70 0.31 0.00	31.12 0.17 0.00	32.80 0.28 0.00	31.01 0.38 0.00	35.62 0.77 0.00	32.88 0.96 0.00	39.34 1.12 0.00	34.76 1.40 0.00	31.47 1.44 0.00	30.75 1.41 0.00	28.99 1.35 0.00	30.25 1.32 0.00	31.11 1.35 0.00	35.62 1.62 0.00	42.34 2.15 0.00	53.84 3.28 0.00	88.95 5.96 0.00	86.88 5.46 0.00	91.02 6.16 0.00	52.37 3.43 0.00	41.12 2.47 0.00	38.62 2.09 0.00	36.58 1.57 0.00
W.BABYLN_69_KV_BK1 56697	39.34 0.90 0.21	31.02 0.83 2.21	31.14 0.61 0.43	32.47 0.52 0.56	30.74 0.52 0.40	35.24 0.61 0.21	32.60 0.68 0.00	39.04 0.82 0.00	34.02 0.65 0.00	30.82 0.79 0.00	30.27 1.23 0.30	28.61 1.24 0.26	29.98 1.40 0.35	43.31 1.50 -12.06	39.77 1.63 -4.15	41.90 1.70 0.00	52.16 1.61 0.00	63.97 2.18 21.20	47.60 1.20 35.02	52.28 1.13 33.72	48.17 0.77 1.55	39.68 1.03 0.00	37.75 1.22 0.00	36.42 1.41 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	39.43 0.78 0.00	33.09 0.70 0.00	31.48 0.52 0.00	32.98 0.46 0.00	31.12 0.51 0.00	35.63 0.78 0.00	32.80 0.88 0.00	39.32 1.10 0.00	34.18 0.81 0.00	30.79 0.75 0.00	30.25 0.91 0.00	28.50 0.87 0.00	29.91 0.99 0.00	30.95 1.11 -0.08	35.33 1.33 0.00	41.82 1.63 0.00	52.33 1.78 0.00	85.68 2.69 0.00	83.36 1.94 0.00	86.74 1.88 0.00	49.89 0.94 0.00	39.59 0.95 0.00	37.60 1.07 0.00	36.19 1.19 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	39.52 0.86 0.00	33.25 0.86 0.00	31.63 0.67 0.00	33.14 0.62 0.00	31.27 0.65 0.00	35.66 0.81 0.00	32.85 0.93 0.00	39.37 1.15 0.00	34.32 0.96 0.00	31.00 0.96 0.00	30.49 1.15 0.00	28.72 1.08 0.00	30.16 1.23 0.00	31.20 1.36 -0.08	35.62 1.62 0.00	42.05 1.86 0.00	52.42 1.87 0.00	85.76 2.77 0.00	83.44 2.02 0.00	86.83 1.97 0.00	49.96 1.02 0.00	39.71 1.06 0.00	37.77 1.23 0.00	36.35 1.34 0.00
W50THST__13_KV_LOAD 356117	39.69 1.03 0.00	33.43 1.04 0.00	31.81 0.85 0.00	33.31 0.79 0.00	31.44 0.81 0.00	35.84 1.00 0.00	33.03 1.11 0.00	39.59 1.37 0.00	34.53 1.17 0.00	31.21 1.17 0.00	30.69 1.35 0.00	28.93 1.30 0.00	30.39 1.46 0.00	31.44 1.60 -0.08	35.89 1.89 0.00	42.36 2.16 0.00	52.78 2.22 0.00	86.28 3.29 0.00	83.94 2.51 0.00	87.35 2.49 0.00	50.25 1.31 0.00	39.92 1.28 0.00	37.99 1.45 0.00	36.56 1.55 0.00
WADING RIVER_IC_1 23522	35.63 -0.31 2.71	4.22 -0.11 28.06	25.26 -0.28 5.42	24.91 -0.42 7.18	25.16 -0.35 5.12	31.82 -0.33 2.70	31.82 -0.10 0.00	38.14 -0.08 0.00	33.20 -0.17 0.00	30.08 0.04 0.00	25.99 0.50 3.85	24.87 0.55 3.31	25.13 0.67 4.47	31.63 0.70 -1.17	38.48 0.74 -3.74	40.84 0.64 0.00	50.78 0.22 0.00	59.48 -0.01 23.49	41.80 -0.74 38.88	45.11 -1.13 38.62	46.69 -0.48 1.78	38.69 0.05 0.00	36.86 0.33 0.00	35.55 0.54 0.00
WADING RIVER_IC_2 23547	35.63 -0.31 2.71	4.22 -0.11 28.06	25.26 -0.28 5.42	24.91 -0.42 7.18	25.16 -0.35 5.12	31.82 -0.33 2.70	31.82 -0.10 0.00	38.14 -0.08 0.00	33.20 -0.17 0.00	30.08 0.04 0.00	25.99 0.50 3.85	24.87 0.55 3.31	25.13 0.67 4.47	31.63 0.70 -1.17	38.48 0.74 -3.74	40.84 0.64 0.00	50.78 0.22 0.00	59.48 -0.01 23.49	41.80 -0.74 38.88	45.11 -1.13 38.62	46.69 -0.48 1.78	38.69 0.05 0.00	36.86 0.33 0.00	35.55 0.54 0.00
WADING RIVER_IC_3 23601	35.63 -0.31 2.71	4.22 -0.11 28.06	25.26 -0.28 5.42	24.91 -0.42 7.18	25.16 -0.35 5.12	31.82 -0.33 2.70	31.82 -0.10 0.00	38.14 -0.08 0.00	33.20 -0.17 0.00	30.08 0.04 0.00	25.99 0.50 3.85	24.87 0.55 3.31	25.13 0.67 4.47	31.63 0.70 -1.17	38.48 0.74 -3.74	40.84 0.64 0.00	50.78 0.22 0.00	59.48 -0.01 23.49	41.80 -0.74 38.88	45.11 -1.13 38.62	46.69 -0.48 1.78	38.69 0.05 0.00	36.86 0.33 0.00	35.55 0.54 0.00
WALDENNY_12_KV_BK2 80841	38.36 -0.30 0.00	32.32 -0.07 0.00	30.83 -0.13 0.00	32.46 -0.06 0.00	30.35 -0.27 0.00	34.49 -0.36 0.00	31.05 -0.87 0.00	36.87 -1.35 0.00	32.89 -0.48 0.00	30.07 0.03 0.00	29.38 0.04 0.00	27.94 0.31 0.00	29.26 0.33 0.00	30.08 0.32 0.00	34.02 0.03 0.00	40.32 0.13 0.00	50.18 -0.37 0.00	81.46 -1.53 0.00	81.41 -0.02 0.00	84.52 -0.34 0.00	48.35 -0.59 0.00	37.84 -0.80 0.00	35.96 -0.57 0.00	34.55 -0.45 0.00
WALDEN__HYDRO 24148	39.31 0.66 0.00	32.97 0.58 0.00	31.39 0.44 0.00	32.89 0.37 0.00	31.04 0.42 0.00	35.39 0.55 0.00	32.57 0.65 0.00	39.03 0.81 0.00	33.98 0.61 0.00	30.62 0.58 0.00	30.04 0.70 0.00	28.28 0.64 0.00	29.66 0.73 0.00	30.66 0.83 -0.07	35.01 1.01 0.00	41.49 1.29 0.00	51.98 1.43 0.00	85.24 2.24 0.00	83.02 1.60 0.00	86.42 1.56 0.00	49.75 0.81 0.00	39.47 0.82 0.00	37.44 0.91 0.00	36.00 0.99 0.00
WARRENSBURG____ 23737	39.62 0.97 0.00	33.17 0.78 0.00	31.70 0.74 0.00	33.28 0.76 0.00	31.40 0.78 0.00	35.86 1.02 0.00	32.91 0.99 0.00	39.42 1.20 0.00	34.04 0.68 0.00	30.36 0.32 0.00	29.46 0.12 0.00	27.64 0.01 0.00	28.92 -0.02 0.00	29.76 0.05 0.05	34.16 0.17 0.00	40.57 0.38 0.00	51.63 1.08 0.00	85.45 2.46 0.00	83.46 2.04 0.00	86.97 2.11 0.00	50.47 1.52 0.00	39.81 1.17 0.00	37.59 1.06 0.00	35.90 0.89 0.00
WATERSIDE____6 8 9 23538	39.54 0.89 0.00	33.31 0.91 0.00	31.69 0.73 0.00	33.18 0.66 0.00	31.31 0.69 0.00	35.71 0.86 0.00	32.90 0.98 -0.01	39.40 1.18 0.00	34.38 1.01 -0.01	31.07 1.02 -0.01	30.55 1.21 0.00	28.79 1.15 0.00	30.23 1.30 0.00	31.28 1.44 -0.08	35.68 1.68 0.00	42.07 1.88 0.00	52.42 1.86 0.00	85.78 2.79 0.00	83.45 2.02 0.00	86.85 1.99 0.00	49.96 1.02 0.00	39.74 1.09 0.00	37.81 1.28 0.00	36.41 1.40 0.00
WATKINRD_115KV_LN8_ILLION 55919	39.46 0.81 0.00	33.06 0.67 0.00	31.57 0.61 0.00	33.16 0.64 0.00	31.26 0.64 0.00	35.60 0.75 0.00	32.68 0.76 0.00	39.16 0.94 0.00	33.79 0.43 0.00	30.13 0.10 0.00	29.38 0.04 0.00	27.64 0.01 0.00	28.94 0.01 0.00	29.80 0.04 0.00	34.05 0.05 0.00	40.33 0.14 0.00	50.91 0.35 0.00	84.23 1.24 0.00	82.97 1.54 0.00	86.51 1.65 0.00	49.95 1.01 0.00	39.50 0.86 0.00	37.33 0.79 0.00	35.78 0.77 0.00

WDELAWARE___HYD 323627	38.46 -0.20 0.00	32.24 -0.15 0.00	30.70 -0.25 0.00	32.17 -0.34 0.00	30.37 -0.25 0.00	34.63 -0.22 0.00	31.89 -0.03 0.00	38.23 0.01 0.00	33.25 -0.11 0.00	29.89 -0.14 0.00	29.27 -0.08 0.00	27.51 -0.13 0.00	28.84 -0.10 0.00	29.79 -0.03 -0.06	34.05 0.05 0.00	40.45 0.25 0.00	50.83 0.28 0.00	83.53 0.54 0.00	81.55 0.12 0.00	84.92 0.06 0.00	48.89 -0.05 0.00	38.76 0.12 0.00	36.76 0.22 0.00	35.29 0.29 0.00
WEST BABYLON___IC 23714	39.34 0.90 0.21	31.02 0.83 2.21	31.14 0.61 0.43	32.47 0.52 0.56	30.74 0.52 0.40	35.24 0.61 0.21	32.60 0.68 0.00	39.04 0.82 0.00	34.02 0.65 0.00	30.82 0.79 0.00	30.27 1.23 0.30	28.61 1.24 0.26	29.98 1.40 0.35	43.31 1.50 -12.06	39.77 1.63 -4.15	41.90 1.70 0.00	52.16 1.61 0.00	63.97 2.18 21.20	47.60 1.20 35.02	52.28 1.13 33.72	48.17 0.77 1.55	39.68 1.03 0.00	37.75 1.22 0.00	36.42 1.41 0.00
WEST CANADA___HYD 24049	38.67 0.01 0.00	32.40 0.01 0.00	30.98 0.02 0.00	32.52 0.01 0.00	30.64 0.02 0.00	34.88 0.04 0.00	31.96 0.04 0.00	38.29 0.07 0.00	33.34 -0.02 0.00	29.97 -0.06 0.00	29.29 -0.05 0.00	27.57 -0.06 0.00	28.87 -0.06 0.00	29.70 -0.06 0.00	33.93 -0.07 0.00	40.15 -0.05 0.00	50.51 -0.05 0.00	82.98 -0.01 0.00	81.29 -0.14 0.00	84.68 -0.18 0.00	48.87 -0.07 0.00	38.63 -0.01 0.00	36.54 0.01 0.00	35.04 0.03 0.00
WESTERN_NY_WIND 24143	39.01 0.35 0.00	32.81 0.42 0.00	31.30 0.34 0.00	32.90 0.38 0.00	30.83 0.21 0.00	35.01 0.17 0.00	31.59 -0.33 0.00	37.55 -0.67 0.00	33.31 -0.05 0.00	30.22 0.18 0.00	29.40 0.05 0.00	27.84 0.20 0.00	29.16 0.23 0.00	29.98 0.22 0.00	34.02 0.02 0.00	40.21 0.02 0.00	50.23 -0.33 0.00	82.45 -0.54 0.00	82.82 1.40 0.00	86.08 1.22 0.00	49.26 0.31 0.00	38.59 -0.06 0.00	36.58 0.05 0.00	35.15 0.14 0.00
WESTOVER___LESR 323668	38.59 -0.06 0.00	32.42 0.03 0.00	30.95 -0.01 0.00	32.57 0.05 0.00	30.59 -0.03 0.00	34.89 0.05 0.00	31.88 -0.05 0.00	38.14 -0.08 0.00	33.31 -0.06 0.00	30.01 -0.02 0.00	29.27 -0.07 0.00	27.68 0.04 0.00	28.98 0.04 0.00	29.80 0.03 -0.01	34.04 0.05 0.00	40.35 0.15 0.00	50.75 0.19 0.00	83.02 0.03 0.00	81.77 0.35 0.00	84.99 0.13 0.00	48.95 0.01 0.00	38.57 -0.08 0.00	36.53 0.00 0.00	35.00 -0.01 0.00
WETHRSFD_WT_PWR 323626	38.08 -0.58 0.00	32.12 -0.27 0.00	30.66 -0.29 0.00	32.34 -0.18 0.00	30.27 -0.35 0.00	34.43 -0.42 0.00	31.08 -0.84 0.00	36.96 -1.26 0.00	32.68 -0.69 0.00	29.66 -0.38 0.00	28.87 -0.47 0.00	27.43 -0.20 0.00	28.70 -0.23 0.00	29.47 -0.29 0.00	33.44 -0.55 0.00	39.58 -0.61 0.00	49.47 -1.10 0.00	80.89 -2.10 0.00	81.05 -0.38 0.00	84.21 -0.65 0.00	48.24 -0.71 0.00	37.70 -0.94 0.00	35.78 -0.75 0.00	34.33 -0.68 0.00
WHAVSTOR_138KV_BK127 55557	39.21 0.55 0.00	32.91 0.52 0.00	31.32 0.36 0.00	32.80 0.29 0.00	30.96 0.34 0.00	35.31 0.46 0.00	32.49 0.57 0.00	38.94 0.72 0.00	33.92 0.55 0.00	30.61 0.58 0.00	30.08 0.74 0.00	28.34 0.71 0.00	29.74 0.81 0.00	30.76 0.92 -0.08	35.11 1.11 0.00	41.54 1.34 0.00	51.95 1.39 0.00	85.03 2.04 0.00	82.74 1.32 0.00	86.12 1.26 0.00	49.54 0.59 0.00	39.34 0.69 0.00	37.37 0.84 0.00	35.98 0.97 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	39.21 0.55 0.00	32.91 0.52 0.00	31.32 0.36 0.00	32.80 0.29 0.00	30.96 0.34 0.00	35.31 0.46 0.00	32.49 0.57 0.00	38.94 0.72 0.00	33.92 0.55 0.00	30.61 0.58 0.00	30.08 0.74 0.00	28.34 0.71 0.00	29.74 0.81 0.00	30.76 0.92 -0.08	35.11 1.11 0.00	41.54 1.34 0.00	51.95 1.39 0.00	85.03 2.04 0.00	82.74 1.32 0.00	86.12 1.26 0.00	49.54 0.59 0.00	39.34 0.69 0.00	37.37 0.84 0.00	35.98 0.97 0.00
WHITEHAL_115KV_TB1 80871	40.38 1.73 0.00	33.82 1.43 0.00	32.46 1.51 0.00	34.11 1.59 0.00	32.22 1.59 0.00	36.94 2.09 0.00	34.07 2.15 0.00	40.70 2.48 0.00	34.59 1.23 0.00	30.72 0.69 0.00	29.73 0.39 0.00	27.88 0.25 0.00	29.13 0.19 0.00	30.08 0.37 0.05	34.60 0.60 0.00	41.40 1.20 0.00	53.21 2.65 0.00	88.26 5.26 0.00	85.84 4.42 0.00	89.21 4.35 0.00	52.47 3.53 0.00	41.25 2.60 0.00	38.87 2.34 0.00	36.89 1.88 0.00
WHITEPLN_13_KV_LOAD 356215	39.68 1.03 0.00	33.31 0.91 0.00	31.69 0.73 0.00	33.19 0.67 0.00	31.31 0.69 0.00	35.70 0.86 0.00	32.89 0.97 0.00	39.42 1.20 0.00	34.35 0.99 0.00	31.02 0.98 0.00	30.50 1.16 0.00	28.73 1.10 0.00	30.16 1.23 0.00	31.20 1.36 -0.08	35.61 1.62 0.00	42.11 1.92 0.00	52.65 2.09 0.00	86.17 3.18 0.00	83.86 2.43 0.00	87.29 2.43 0.00	50.24 1.30 0.00	39.87 1.23 0.00	37.88 1.35 0.00	36.44 1.43 0.00
WM_FLOYD_69_KV_BK2 356380	35.98 0.00 2.68	4.87 0.15 27.67	25.57 -0.04 5.34	25.27 -0.17 7.08	25.46 -0.11 5.04	32.11 -0.07 2.66	32.04 0.12 0.00	38.42 0.19 0.00	33.43 0.07 0.00	30.27 0.23 0.00	26.23 0.68 3.79	25.08 0.71 3.27	25.36 0.84 4.41	31.99 0.88 -1.34	38.70 0.95 -3.75	41.11 0.91 0.00	51.12 0.57 0.00	60.19 0.63 23.43	42.66 0.01 38.77	46.03 -0.32 38.51	47.07 -0.10 1.77	38.99 0.34 0.00	37.15 0.62 0.00	35.82 0.81 0.00
WOODARD__115KV_TB2 355635	38.41 -0.25 0.00	32.18 -0.22 0.00	30.74 -0.22 0.00	32.29 -0.22 0.00	30.36 -0.26 0.00	34.53 -0.32 0.00	31.60 -0.32 0.00	37.84 -0.39 0.00	33.01 -0.35 0.00	29.67 -0.37 0.00	28.96 -0.39 0.00	27.31 -0.32 0.00	28.61 -0.32 0.00	29.45 -0.32 0.00	33.63 -0.36 0.00	39.80 -0.40 0.00	50.11 -0.44 0.00	82.47 -0.52 0.00	81.10 -0.32 0.00	84.43 -0.43 0.00	48.58 -0.36 0.00	38.32 -0.32 0.00	36.21 -0.32 0.00	34.70 -0.31 0.00
WOODMERE_69_KV_BK1 55827	39.72 1.06 0.00	33.32 0.93 0.00	31.69 0.73 0.00	33.17 0.65 0.00	31.28 0.66 0.00	35.63 0.79 0.00	32.81 0.89 0.00	39.27 1.05 0.00	34.24 0.88 0.00	31.02 0.98 0.00	30.69 1.35 0.00	28.98 1.35 0.00	30.45 1.51 0.00	50.20 1.60 -18.83	41.93 1.85 -6.08	42.29 2.10 0.00	52.68 2.12 0.00	86.28 2.93 -0.35	83.91 1.93 -0.55	86.91 2.00 -0.05	50.23 1.29 0.00	40.02 1.37 0.00	37.97 1.44 0.00	36.58 1.57 0.00
YORK___WARBASSE 23770	39.64 0.98 0.00	33.32 0.93 0.00	31.67 0.71 0.00	33.17 0.65 0.00	31.30 0.68 0.00	35.71 0.86 0.00	32.89 0.97 -0.01	39.39 1.17 0.00	34.38 1.01 -0.01	31.05 1.01 -0.01	30.55 1.20 0.00	28.78 1.14 0.00	30.22 1.29 0.00	31.26 1.42 -0.08	35.67 1.67 0.00	42.08 1.88 0.00	52.43 1.88 0.00	85.93 2.94 0.00	83.64 2.21 0.00	87.05 2.19 0.00	50.01 1.07 0.00	39.79 1.15 0.00	37.86 1.33 0.00	36.49 1.48 0.00