

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

09/11/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	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	26.47	22.86	21.25	21.04	23.58	30.43	33.76	32.85	34.36	35.34	35.66	43.19	36.51	40.06	50.36	51.23	45.65	41.69	38.91	40.61	41.02	35.79	33.10	31.60
24138	0.99	0.99	0.99	0.93	1.09	1.36	1.76	1.91	1.97	2.28	2.45	3.00	2.74	2.97	3.42	4.00	3.56	3.35	3.01	2.62	2.46	2.39	2.14	2.10
	-3.42	0.00	0.00	0.00	0.00	-0.20	-0.34	-0.07	0.00	0.00	0.00	-0.87	-0.21	-0.06	-5.30	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	-0.13	0.00
74TH STREET_GT_1	26.53	22.94	21.31	21.09	23.63	30.48	33.78	32.84	34.35	35.34	35.64	43.14	36.50	40.03	50.35	51.19	45.60	41.64	38.87	40.58	41.02	35.77	33.08	31.59
24260	1.06	1.06	1.05	0.99	1.14	1.41	1.78	1.90	1.95	2.28	2.44	2.95	2.72	2.94	3.40	3.95	3.50	3.29	2.96	2.59	2.46	2.37	2.12	2.08
	-3.42	0.00	0.00	0.00	0.00	-0.20	-0.34	-0.07	0.00	0.00	0.00	-0.87	-0.21	-0.06	-5.30	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	-0.13	0.00
74TH STREET_GT_2	26.53	22.94	21.31	21.09	23.63	30.48	33.78	32.84	34.35	35.34	35.64	43.14	36.50	40.03	50.35	51.19	45.60	41.64	38.87	40.58	41.02	35.77	33.08	31.59
24261	1.06	1.06	1.05	0.99	1.14	1.41	1.78	1.90	1.95	2.28	2.44	2.95	2.72	2.94	3.40	3.95	3.50	3.29	2.96	2.59	2.46	2.37	2.12	2.08
	-3.42	0.00	0.00	0.00	0.00	-0.20	-0.34	-0.07	0.00	0.00	0.00	-0.87	-0.21	-0.06	-5.30	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	-0.13	0.00
ADK HUDSON___FALLS	18.54	22.60	20.97	20.81	23.31	29.76	32.89	33.63	45.60	47.10	35.50	40.69	35.36	39.29	51.21	50.01	44.71	40.85	38.14	40.27	40.80	34.82	32.00	31.01
24011	0.78	0.72	0.70	0.70	0.82	1.14	1.68	2.07	2.26	2.44	2.30	2.59	2.08	2.35	2.66	2.78	2.62	2.50	2.24	2.29	2.24	1.64	1.35	1.50
	4.29	0.00	0.00	0.00	0.00	0.24	0.44	-0.70	-10.94	-11.60	0.00	1.22	0.29	0.09	-6.90	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.19	0.00
ADK RESOURCE___RCVRY	18.65	22.64	21.00	20.85	23.36	29.88	33.13	33.87	45.34	46.80	35.81	41.00	35.66	39.61	51.57	50.41	45.08	41.18	38.40	40.51	41.08	34.97	32.10	31.12
23798	0.85	0.76	0.73	0.75	0.87	1.25	1.92	2.35	2.58	2.75	2.60	2.89	2.38	2.67	3.02	3.17	2.98	2.83	2.50	2.53	2.52	1.79	1.46	1.61
	4.24	0.00	0.00	0.00	0.00	0.24	0.44	-0.65	-10.36	-10.98	0.00	1.20	0.28	0.08	-6.90	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.18	0.00
ADK S GLENS___FALLS	18.54	22.60	20.97	20.81	23.31	29.76	32.89	33.63	45.60	47.10	35.50	40.69	35.36	39.29	51.21	50.01	44.71	40.85	38.14	40.27	40.80	34.82	32.00	31.01
24028	0.78	0.72	0.70	0.70	0.82	1.14	1.68	2.07	2.26	2.44	2.30	2.59	2.08	2.35	2.66	2.78	2.62	2.50	2.24	2.29	2.24	1.64	1.35	1.50
	4.29	0.00	0.00	0.00	0.00	0.24	0.44	-0.70	-10.94	-11.60	0.00	1.22	0.29	0.09	-6.90	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.19	0.00
ADK_NYS___DAM	14.20	22.53	20.94	20.76	23.20	29.16	31.77	33.59	55.13	57.20	34.72	38.66	34.44	38.62	50.77	49.61	44.38	40.35	37.62	40.07	40.58	34.38	31.67	30.80
23527	0.68	0.65	0.67	0.66	0.71	0.78	0.99	1.38	1.57	1.71	1.50	1.71	1.43	1.75	2.40	2.38	2.29	2.00	1.72	2.08	2.02	1.31	1.21	1.30
	8.53	0.00	0.00	0.00	0.00	0.49	0.87	-1.34	-21.16	-22.42	0.00	2.36	0.56	0.17	-6.72	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.36	0.00
AIR_PRODUCTS___DRP	18.38	21.84	20.30	20.12	22.51	28.66	31.42	30.19	19.77	19.82	33.73	38.91	33.90	37.70	49.51	48.31	43.11	39.31	36.72	38.83	39.27	33.60	30.98	29.89
24190	-0.03	-0.03	0.04	0.02	0.02	0.00	0.14	0.34	0.40	0.56	0.52	0.65	0.58	0.75	1.07	1.08	1.02	0.96	0.82	0.85	0.71	0.39	0.31	0.38
	3.64	0.00	0.00	0.00	0.00	0.21	0.37	1.02	13.02	13.80	0.00	1.05	0.25	0.07	-6.79	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.16	0.00
AKWESSNE_115KV_BK	21.85	21.68	20.05	19.91	22.23	28.51	31.18	30.39	32.09	32.70	32.76	38.75	33.04	36.43	40.99	46.56	41.43	37.41	35.13	37.42	38.13	33.05	30.64	29.32
355683	-0.20	-0.19	-0.21	-0.19	-0.26	-0.36	-0.47	-0.48	-0.31	-0.36	-0.45	-0.56	-0.52	-0.60	-0.67	-0.68	-0.66	-0.94	-0.77	-0.57	-0.43	-0.26	-0.19	-0.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	18.38	21.84	20.30	20.12	22.51	28.66	31.42	30.19	19.77	19.82	33.73	38.91	33.90	37.70	49.51	48.31	43.11	39.31	36.72	38.83	39.27	33.60	30.98	29.89
23571	-0.03	-0.03	0.04	0.02	0.02	0.00	0.14	0.34	0.40	0.56	0.52	0.65	0.58	0.75	1.07	1.08	1.02	0.96	0.82	0.85	0.71	0.39	0.31	0.38
	3.64	0.00	0.00	0.00	0.00	0.21	0.37	1.02	13.02	13.80	0.00	1.05	0.25	0.07	-6.79	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.16	0.00
ALBANY___2	18.38	21.84	20.30	20.12	22.51	28.66	31.42	30.19	19.77	19.82	33.73	38.91	33.90	37.70	49.51	48.31	43.11	39.31	36.72	38.83	39.27	33.60	30.98	29.89
23572	-0.03	-0.03	0.04	0.02	0.02	0.00	0.14	0.34	0.40	0.56	0.52	0.65	0.58	0.75	1.07	1.08	1.02	0.96	0.82	0.85	0.71	0.39	0.31	0.38
	3.64	0.00	0.00	0.00	0.00	0.21	0.37	1.02	13.02	13.80	0.00	1.05	0.25	0.07	-6.79	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.16	0.00
ALBANY___3	18.38	21.84	20.30	20.12	22.51	28.66	31.42	30.19	19.77	19.82	33.73	38.91	33.90	37.70	49.51	48.31	43.11	39.31	36.72	38.83	39.27	33.60	30.98	29.89
23573	-0.03	-0.03	0.04	0.02	0.02	0.00	0.14	0.34	0.40	0.56	0.52	0.65	0.58	0.75	1.07	1.08	1.02	0.96	0.82	0.85	0.71	0.39	0.31	0.38
	3.64	0.00	0.00	0.00	0.00	0.21	0.37	1.02	13.02	13.80	0.00	1.05	0.25	0.07	-6.79	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.16	0.00

ALBANY___4 23574	18.38 -0.03 3.64	21.84 -0.03 0.00	20.30 0.04 0.00	20.12 0.02 0.00	22.51 0.02 0.00	28.66 0.00 0.21	31.42 0.14 0.37	30.19 0.34 1.02	19.77 0.40 13.02	19.82 0.56 13.80	33.73 0.52 0.00	38.91 0.65 1.05	33.90 0.58 0.25	37.70 0.75 0.07	49.51 1.07 -6.79	48.31 1.08 0.00	43.11 1.02 0.00	39.31 0.96 0.00	36.72 0.82 0.00	38.83 0.85 0.00	39.27 0.71 0.00	33.60 0.39 0.11	30.98 0.31 0.16	29.89 0.38 0.00
ALBANY___LFGE 323615	18.33 0.22 3.94	22.09 0.21 0.00	20.53 0.27 0.00	20.35 0.24 0.00	22.77 0.28 0.00	28.98 0.33 0.22	31.76 0.52 0.40	30.61 0.72 0.99	20.72 0.80 12.47	20.81 0.97 13.22	34.15 0.94 0.00	39.34 1.15 1.12	34.30 1.00 0.27	38.15 1.21 0.08	50.05 1.59 -6.81	48.89 1.66 0.00	43.65 1.55 0.00	39.81 1.46 0.00	37.18 1.28 0.00	39.30 1.32 0.00	39.73 1.17 0.00	33.97 0.78 0.12	31.31 0.65 0.17	30.21 0.70 0.00
ALCOA_PA_115KV_PL-6C 55860	22.00 -0.04 0.00	21.83 -0.04 0.00	20.19 -0.07 0.00	20.05 -0.05 0.00	22.38 -0.11 0.00	28.69 -0.18 0.00	31.35 -0.30 0.00	30.55 -0.32 0.00	32.25 -0.14 0.00	32.84 -0.22 0.00	32.88 -0.34 0.00	38.88 -0.44 0.00	33.13 -0.43 0.00	36.52 -0.51 0.00	41.09 -0.56 0.00	46.66 -0.57 0.00	41.52 -0.57 0.00	37.51 -0.83 0.00	35.27 -0.63 0.00	37.60 -0.39 0.00	38.30 -0.26 0.00	33.19 -0.12 0.00	30.79 -0.04 0.00	29.50 -0.01 0.00
ALCOA_RYNLDS___DRP 24188	22.00 -0.04 0.00	21.83 -0.04 0.00	20.19 -0.07 0.00	20.05 -0.05 0.00	22.38 -0.11 0.00	28.69 -0.18 0.00	31.35 -0.30 0.00	30.55 -0.32 0.00	32.25 -0.14 0.00	32.84 -0.22 0.00	32.88 -0.34 0.00	38.88 -0.44 0.00	33.13 -0.43 0.00	36.52 -0.51 0.00	41.09 -0.56 0.00	46.66 -0.57 0.00	41.52 -0.57 0.00	37.51 -0.83 0.00	35.27 -0.63 0.00	37.60 -0.39 0.00	38.30 -0.26 0.00	33.19 -0.12 0.00	30.79 -0.04 0.00	29.50 -0.01 0.00
ALCOA___DSASP 323711	22.00 -0.04 0.00	21.83 -0.04 0.00	20.19 -0.07 0.00	20.05 -0.05 0.00	22.38 -0.11 0.00	28.70 -0.18 0.00	31.35 -0.30 0.00	30.55 -0.32 0.00	32.25 -0.14 0.00	32.84 -0.22 0.00	32.88 -0.34 0.00	38.88 -0.43 0.00	33.14 -0.43 0.00	36.52 -0.51 0.00	41.09 -0.56 0.00	46.66 -0.57 0.00	41.52 -0.57 0.00	37.51 -0.83 0.00	35.27 -0.63 0.00	37.60 -0.39 0.00	38.30 -0.26 0.00	33.19 -0.12 0.00	30.79 -0.04 0.00	29.50 -0.01 0.00
ALLEGHENY___COGEN 23514	23.92 1.87 0.00	23.67 1.79 0.00	21.71 1.45 0.00	21.54 1.44 0.00	24.26 1.76 0.00	31.39 2.52 0.00	34.50 2.85 0.00	33.39 2.52 0.00	34.27 1.88 0.00	33.94 0.88 0.00	34.28 1.07 0.00	40.48 1.17 0.00	34.58 1.01 0.00	37.84 0.80 0.00	41.86 -0.28 -0.49	46.82 -0.41 0.00	41.77 -0.33 0.00	38.52 0.18 0.00	36.69 0.78 0.00	39.03 1.04 0.00	39.86 1.30 0.00	35.17 1.86 0.00	32.93 2.10 0.00	31.14 1.63 0.00
ALTAMONT_115KV_TB 2 55880	19.77 0.33 2.60	22.20 0.33 0.00	20.64 0.37 0.00	20.45 0.35 0.00	22.89 0.39 0.00	29.20 0.48 0.15	32.03 0.65 0.27	31.19 0.82 0.51	27.07 0.87 6.20	27.51 1.02 6.57	34.21 1.00 0.00	39.75 1.20 0.76	34.44 1.05 0.18	38.20 1.23 0.05	50.03 1.56 -6.82	48.89 1.66 0.00	43.63 1.53 0.00	39.81 1.46 0.00	37.22 1.31 0.00	39.32 1.33 0.00	39.78 1.22 0.00	34.14 0.91 0.08	31.51 0.80 0.12	30.33 0.83 0.00
ALTONA_WT_PWR 323606	22.60 0.55 0.00	22.45 0.57 0.00	20.74 0.48 0.00	20.56 0.46 0.00	22.89 0.39 0.00	29.35 0.48 0.00	32.27 0.62 0.00	31.93 1.05 0.00	33.62 1.23 0.00	34.06 1.00 0.00	34.06 0.85 0.00	40.02 0.71 0.00	34.09 0.52 0.00	37.58 0.55 0.00	42.34 0.69 0.00	47.93 0.69 0.00	42.79 0.69 0.00	38.71 0.37 0.00	36.33 0.42 0.00	38.93 0.95 0.00	39.69 1.13 0.00	34.15 0.84 0.00	31.67 0.85 0.00	30.36 0.86 0.00
AMERICAN_REF_FUEL 24010	22.70 0.65 0.00	22.42 0.55 0.00	20.45 0.19 0.00	20.34 0.24 0.00	22.97 0.47 0.00	29.72 0.85 0.00	32.22 0.58 0.00	30.78 -0.10 0.00	31.79 -0.60 0.00	31.90 -1.16 0.00	32.24 -0.97 0.00	38.23 -1.09 0.00	32.45 -1.12 0.00	35.73 -1.30 0.00	39.97 -2.12 -0.44	45.18 -2.06 0.00	40.34 -1.76 0.00	37.70 -0.65 0.00	35.23 -0.67 0.00	36.78 -1.21 0.00	37.52 -1.04 0.00	32.75 -0.56 0.00	30.71 -0.12 0.00	29.13 -0.37 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	23.37 1.32 0.00	23.14 1.26 0.00	21.10 0.84 0.00	20.94 0.84 0.00	23.62 1.13 0.00	30.57 1.70 0.00	33.47 1.83 0.00	32.31 1.44 0.00	33.42 1.02 0.00	33.66 0.60 0.00	33.97 0.76 0.00	40.36 1.05 0.00	34.33 0.76 0.00	37.85 0.82 0.00	42.43 0.29 -0.48	47.97 0.74 0.00	42.78 0.68 0.00	39.95 1.60 0.00	37.20 1.29 0.00	38.75 0.76 0.00	39.54 0.98 0.00	34.32 1.01 0.00	32.01 1.19 0.00	30.29 0.78 0.00
ARTHUR_KILL_GT_1 23520	26.33 0.85 -3.42	22.71 0.84 0.00	21.13 0.86 0.00	20.91 0.80 0.00	23.38 0.89 0.00	30.18 1.11 -0.20	33.48 1.49 -0.34	21.51 1.46 10.82	28.10 1.47 5.76	17.40 1.76 17.42	26.30 1.92 8.83	37.69 2.38 4.00	36.11 2.27 -0.27	39.55 2.46 -0.06	50.12 2.81 -5.66	96.82 3.30 -46.28	401.14 3.01 -356.04	42.76 2.84 -1.58	38.54 2.63 0.00	40.17 2.18 0.00	40.65 2.08 -0.01	35.44 2.02 -0.10	32.79 1.82 -0.14	31.30 1.79 0.00
ARTHUR_KILL_2 23512	26.25 0.78 -3.42	22.64 0.76 0.00	21.06 0.79 0.00	20.84 0.74 0.00	23.31 0.82 0.00	30.08 1.01 -0.20	33.37 1.38 -0.34	21.40 1.35 10.82	27.98 1.35 5.76	17.29 1.65 17.42	26.18 1.80 8.83	37.53 2.22 4.00	35.97 2.13 -0.27	39.40 2.31 -0.06	49.95 2.64 -5.66	96.62 3.10 -46.28	400.94 2.81 -356.04	42.59 2.66 -1.58	38.38 2.47 0.00	40.00 2.01 0.00	40.48 1.91 -0.01	35.30 1.88 -0.10	32.66 1.70 -0.14	31.19 1.68 0.00
ARTHUR_KILL_3 23513	26.23 0.76 -3.42	22.63 0.76 0.00	21.03 0.77 0.00	20.81 0.71 0.00	23.33 0.84 0.00	30.10 1.03 -0.20	33.33 1.34 -0.34	18.95 1.44 13.36	28.07 1.45 5.77	17.38 1.75 17.43	26.26 1.89 8.84	37.65 2.34 4.01	36.02 2.20 -0.26	39.44 2.35 -0.06	50.03 2.81 -5.57	85.50 3.29 -34.98	241.42 2.89 -196.44	41.87 2.71 -0.81	38.34 2.44 0.00	40.01 2.02 0.00	40.47 1.90 0.00	35.20 1.90 0.01	32.35 1.69 0.16	31.21 1.71 0.00
ARTHUR_KILL_COGEN 323718	26.33 0.85 -3.42	22.71 0.84 0.00	21.13 0.86 0.00	20.91 0.80 0.00	23.38 0.89 0.00	30.18 1.11 -0.20	33.48 1.49 -0.34	21.51 1.46 10.82	28.10 1.47 5.76	17.40 1.76 17.42	26.30 1.92 8.83	37.69 2.38 4.00	36.11 2.27 -0.27	39.55 2.46 -0.06	50.12 2.81 -5.66	96.82 3.30 -46.28	401.14 3.01 -356.04	42.76 2.84 -1.58	38.54 2.63 0.00	40.17 2.18 0.00	40.65 2.08 -0.01	35.44 2.02 -0.10	32.79 1.82 -0.14	31.30 1.79 0.00
ASHOKAN____ 23654	22.71 0.66 0.00	22.40 0.52 0.00	20.82 0.55 0.00	20.62 0.52 0.00	23.08 0.59 0.00	29.88 1.01 0.00	32.97 1.34 0.02	32.19 1.75 0.43	28.81 2.22 5.80	29.20 2.30 6.16	35.14 1.93 0.00	41.63 2.54 0.22	35.51 1.99 0.05	39.68 2.67 0.02	50.76 3.12 -5.99	50.62 3.39 0.00	45.02 2.92 0.00	41.30 2.95 0.00	38.70 2.79 0.00	40.96 2.97 0.00	41.33 2.77 0.00	35.40 2.11 0.02	32.58 1.79 0.03	31.10 1.60 0.00

ASTORIA_EAST_ENERGY_CC1 323581	26.27 0.80 -3.42	22.67 0.79 0.00	21.09 0.82 0.00	20.87 0.77 0.00	23.37 0.88 0.00	30.13 1.06 -0.20	33.40 1.41 -0.34	32.42 1.49 -0.07	33.90 1.50 0.00	34.83 1.77 0.00	35.10 1.89 0.00	42.48 2.29 -0.87	35.97 2.19 -0.21	39.41 2.32 -0.06	49.71 2.76 -5.30	50.46 3.23 0.00	45.00 2.90 0.00	41.07 2.72 0.00	38.36 2.46 0.00	40.02 2.03 0.00	40.49 1.93 0.00	35.29 1.89 -0.09	32.65 1.69 -0.13	31.20 1.70 0.00
ASTORIA_EAST_ENERGY_CC2 323582	26.27 0.80 -3.42	22.67 0.79 0.00	21.09 0.82 0.00	20.87 0.77 0.00	23.37 0.88 0.00	30.13 1.06 -0.20	33.40 1.41 -0.34	32.42 1.49 -0.07	33.90 1.50 0.00	34.83 1.77 0.00	35.10 1.89 0.00	42.48 2.29 -0.87	35.97 2.19 -0.21	39.41 2.32 -0.06	49.71 2.76 -5.30	50.46 3.23 0.00	45.00 2.90 0.00	41.07 2.72 0.00	38.36 2.46 0.00	40.02 2.03 0.00	40.49 1.93 0.00	35.29 1.89 -0.09	32.65 1.69 -0.13	31.20 1.70 0.00
ASTORIA_GT2_1 24094	26.28 0.80 -3.42	22.68 0.80 0.00	21.10 0.83 0.00	20.88 0.78 0.00	23.36 0.87 0.00	30.14 1.08 -0.20	33.42 1.43 -0.34	32.44 1.50 -0.07	33.91 1.52 0.00	34.84 1.78 0.00	35.12 1.91 0.00	42.50 2.31 -0.87	35.99 2.21 -0.21	39.42 2.34 -0.06	49.73 2.79 -5.30	50.49 3.26 0.00	45.02 2.93 0.00	41.10 2.75 0.00	38.38 2.48 0.00	40.04 2.06 0.00	40.51 1.96 0.00	35.31 1.91 -0.09	32.66 1.70 -0.13	31.22 1.72 0.00
ASTORIA_GT2_2 24095	26.28 0.80 -3.42	22.68 0.80 0.00	21.10 0.83 0.00	20.88 0.78 0.00	23.36 0.87 0.00	30.14 1.08 -0.20	33.42 1.43 -0.34	32.44 1.50 -0.07	33.91 1.52 0.00	34.84 1.78 0.00	35.12 1.91 0.00	42.50 2.31 -0.87	35.99 2.21 -0.21	39.42 2.34 -0.06	49.73 2.79 -5.30	50.49 3.26 0.00	45.02 2.93 0.00	41.10 2.75 0.00	38.38 2.48 0.00	40.04 2.06 0.00	40.51 1.96 0.00	35.31 1.91 -0.09	32.66 1.70 -0.13	31.22 1.72 0.00
ASTORIA_GT2_3 24096	26.28 0.80 -3.42	22.68 0.80 0.00	21.10 0.83 0.00	20.88 0.78 0.00	23.36 0.87 0.00	30.14 1.08 -0.20	33.42 1.43 -0.34	32.44 1.50 -0.07	33.91 1.52 0.00	34.84 1.78 0.00	35.12 1.91 0.00	42.50 2.31 -0.87	35.99 2.21 -0.21	39.42 2.34 -0.06	49.73 2.79 -5.30	50.49 3.26 0.00	45.02 2.93 0.00	41.10 2.75 0.00	38.38 2.48 0.00	40.04 2.06 0.00	40.51 1.96 0.00	35.31 1.91 -0.09	32.66 1.70 -0.13	31.22 1.72 0.00
ASTORIA_GT2_4 24097	26.28 0.80 -3.42	22.68 0.80 0.00	21.10 0.83 0.00	20.88 0.78 0.00	23.36 0.87 0.00	30.14 1.08 -0.20	33.42 1.43 -0.34	32.44 1.50 -0.07	33.91 1.52 0.00	34.84 1.78 0.00	35.12 1.91 0.00	42.50 2.31 -0.87	35.99 2.21 -0.21	39.42 2.34 -0.06	49.73 2.79 -5.30	50.49 3.26 0.00	45.02 2.93 0.00	41.10 2.75 0.00	38.38 2.48 0.00	40.04 2.06 0.00	40.51 1.96 0.00	35.31 1.91 -0.09	32.66 1.70 -0.13	31.22 1.72 0.00
ASTORIA_GT3_1 24098	26.28 0.80 -3.42	22.68 0.80 0.00	21.10 0.83 0.00	20.88 0.78 0.00	23.36 0.87 0.00	30.14 1.08 -0.20	33.42 1.43 -0.34	32.44 1.50 -0.07	33.91 1.52 0.00	34.84 1.78 0.00	35.12 1.91 0.00	42.50 2.31 -0.87	35.99 2.21 -0.21	39.42 2.34 -0.06	49.73 2.79 -5.30	50.49 3.26 0.00	45.02 2.93 0.00	41.10 2.75 0.00	38.38 2.48 0.00	40.04 2.06 0.00	40.51 1.96 0.00	35.31 1.91 -0.09	32.66 1.70 -0.13	31.22 1.72 0.00
ASTORIA_GT3_2 24099	26.28 0.80 -3.42	22.68 0.80 0.00	21.10 0.83 0.00	20.88 0.78 0.00	23.36 0.87 0.00	30.14 1.08 -0.20	33.42 1.43 -0.34	32.44 1.50 -0.07	33.91 1.52 0.00	34.84 1.78 0.00	35.12 1.91 0.00	42.50 2.31 -0.87	35.99 2.21 -0.21	39.42 2.34 -0.06	49.73 2.79 -5.30	50.49 3.26 0.00	45.02 2.93 0.00	41.10 2.75 0.00	38.38 2.48 0.00	40.04 2.06 0.00	40.51 1.96 0.00	35.31 1.91 -0.09	32.66 1.70 -0.13	31.22 1.72 0.00
ASTORIA_GT3_3 24100	26.28 0.80 -3.42	22.68 0.80 0.00	21.10 0.83 0.00	20.88 0.78 0.00	23.36 0.87 0.00	30.14 1.08 -0.20	33.42 1.43 -0.34	32.44 1.50 -0.07	33.91 1.52 0.00	34.84 1.78 0.00	35.12 1.91 0.00	42.50 2.31 -0.87	35.99 2.21 -0.21	39.42 2.34 -0.06	49.73 2.79 -5.30	50.49 3.26 0.00	45.02 2.93 0.00	41.10 2.75 0.00	38.38 2.48 0.00	40.04 2.06 0.00	40.51 1.96 0.00	35.31 1.91 -0.09	32.66 1.70 -0.13	31.22 1.72 0.00
ASTORIA_GT3_4 24101	26.28 0.80 -3.42	22.68 0.80 0.00	21.10 0.83 0.00	20.88 0.78 0.00	23.36 0.87 0.00	30.14 1.08 -0.20	33.42 1.43 -0.34	32.44 1.50 -0.07	33.91 1.52 0.00	34.84 1.78 0.00	35.12 1.91 0.00	42.50 2.31 -0.87	35.99 2.21 -0.21	39.42 2.34 -0.06	49.73 2.79 -5.30	50.49 3.26 0.00	45.02 2.93 0.00	41.10 2.75 0.00	38.38 2.48 0.00	40.04 2.06 0.00	40.51 1.96 0.00	35.31 1.91 -0.09	32.66 1.70 -0.13	31.22 1.72 0.00
ASTORIA_GT4_1 24102	26.28 0.80 -3.42	22.68 0.80 0.00	21.10 0.83 0.00	20.88 0.78 0.00	23.36 0.87 0.00	30.14 1.08 -0.20	33.42 1.43 -0.34	32.44 1.50 -0.07	33.91 1.52 0.00	34.84 1.78 0.00	35.12 1.91 0.00	42.50 2.31 -0.87	35.99 2.21 -0.21	39.42 2.34 -0.06	49.73 2.79 -5.30	50.49 3.26 0.00	45.02 2.93 0.00	41.10 2.75 0.00	38.38 2.48 0.00	40.04 2.06 0.00	40.51 1.96 0.00	35.31 1.91 -0.09	32.66 1.70 -0.13	31.22 1.72 0.00
ASTORIA_GT4_2 24103	26.28 0.80 -3.42	22.68 0.80 0.00	21.10 0.83 0.00	20.88 0.78 0.00	23.36 0.87 0.00	30.14 1.08 -0.20	33.42 1.43 -0.34	32.44 1.50 -0.07	33.91 1.52 0.00	34.84 1.78 0.00	35.12 1.91 0.00	42.50 2.31 -0.87	35.99 2.21 -0.21	39.42 2.34 -0.06	49.73 2.79 -5.30	50.49 3.26 0.00	45.02 2.93 0.00	41.10 2.75 0.00	38.38 2.48 0.00	40.04 2.06 0.00	40.51 1.96 0.00	35.31 1.91 -0.09	32.66 1.70 -0.13	31.22 1.72 0.00
ASTORIA_GT4_3 24104	26.28 0.80 -3.42	22.68 0.80 0.00	21.10 0.83 0.00	20.88 0.78 0.00	23.36 0.87 0.00	30.14 1.08 -0.20	33.42 1.43 -0.34	32.44 1.50 -0.07	33.91 1.52 0.00	34.84 1.78 0.00	35.12 1.91 0.00	42.50 2.31 -0.87	35.99 2.21 -0.21	39.42 2.34 -0.06	49.73 2.79 -5.30	50.49 3.26 0.00	45.02 2.93 0.00	41.10 2.75 0.00	38.38 2.48 0.00	40.04 2.06 0.00	40.51 1.96 0.00	35.31 1.91 -0.09	32.66 1.70 -0.13	31.22 1.72 0.00
ASTORIA_GT4_4 24105	26.28 0.80 -3.42	22.68 0.80 0.00	21.10 0.83 0.00	20.88 0.78 0.00	23.36 0.87 0.00	30.14 1.08 -0.20	33.42 1.43 -0.34	32.44 1.50 -0.07	33.91 1.52 0.00	34.84 1.78 0.00	35.12 1.91 0.00	42.50 2.31 -0.87	35.99 2.21 -0.21	39.42 2.34 -0.06	49.73 2.79 -5.30	50.49 3.26 0.00	45.02 2.93 0.00	41.10 2.75 0.00	38.38 2.48 0.00	40.04 2.06 0.00	40.51 1.96 0.00	35.31 1.91 -0.09	32.66 1.70 -0.13	31.22 1.72 0.00
ASTORIA_GT_1 23523	26.33 0.86 -3.42	22.72 0.85 0.00	21.14 0.87 0.00	20.92 0.82 0.00	23.43 0.94 0.00	30.21 1.14 -0.20	33.50 1.51 -0.34	32.52 1.58 -0.07	34.00 1.61 0.00	34.93 1.87 0.00	35.21 2.00 0.00	42.62 2.43 -0.87	36.07 2.30 -0.21	39.53 2.44 -0.06	49.85 2.90 -5.30	50.62 3.39 0.00	45.14 3.05 0.00	41.20 2.85 0.00	38.48 2.58 0.00	40.13 2.15 0.00	40.60 2.05 0.00	35.40 1.99 -0.09	32.75 1.78 -0.13	31.29 1.79 0.00

ASTORIA_GT_10 24110	26.34 0.86 -3.42	22.74 0.87 0.00	21.13 0.87 0.00	20.92 0.81 0.00	23.43 0.94 0.00	30.22 1.15 -0.20	33.49 1.50 -0.34	32.55 1.61 -0.07	33.99 1.60 0.00	34.93 1.87 0.00	35.20 1.99 0.00	42.58 2.39 -0.87	36.05 2.27 -0.21	39.49 2.40 -0.06	49.71 2.77 -5.30	50.46 3.23 0.00	44.97 2.88 0.00	41.08 2.73 0.00	38.42 2.51 0.00	40.07 2.08 0.00	40.54 1.98 0.00	35.40 2.00 -0.09	32.74 1.77 -0.13	31.28 1.78 0.00
ASTORIA_GT_11 24225	26.34 0.86 -3.42	22.74 0.87 0.00	21.13 0.87 0.00	20.92 0.81 0.00	23.43 0.94 0.00	30.22 1.15 -0.20	33.49 1.50 -0.34	32.55 1.61 -0.07	33.99 1.60 0.00	34.93 1.87 0.00	35.20 1.99 0.00	42.58 2.39 -0.87	36.05 2.27 -0.21	39.49 2.40 -0.06	49.71 2.77 -5.30	50.46 3.23 0.00	44.97 2.88 0.00	41.08 2.73 0.00	38.42 2.51 0.00	40.07 2.08 0.00	40.54 1.98 0.00	35.40 2.00 -0.09	32.74 1.77 -0.13	31.28 1.78 0.00
ASTORIA_GT_12 24226	26.34 0.86 -3.42	22.74 0.87 0.00	21.13 0.87 0.00	20.92 0.81 0.00	23.43 0.94 0.00	30.22 1.15 -0.20	33.49 1.50 -0.34	32.55 1.61 -0.07	33.99 1.60 0.00	34.93 1.87 0.00	35.20 1.99 0.00	42.58 2.39 -0.87	36.05 2.27 -0.21	39.49 2.40 -0.06	49.71 2.77 -5.30	50.46 3.23 0.00	44.97 2.88 0.00	41.08 2.73 0.00	38.42 2.51 0.00	40.07 2.08 0.00	40.54 1.98 0.00	35.40 2.00 -0.09	32.74 1.77 -0.13	31.28 1.78 0.00
ASTORIA_GT_13 24227	26.34 0.86 -3.42	22.74 0.87 0.00	21.13 0.87 0.00	20.92 0.81 0.00	23.43 0.94 0.00	30.22 1.15 -0.20	33.49 1.50 -0.34	32.55 1.61 -0.07	33.99 1.60 0.00	34.93 1.87 0.00	35.20 1.99 0.00	42.58 2.39 -0.87	36.05 2.27 -0.21	39.49 2.40 -0.06	49.71 2.77 -5.30	50.46 3.23 0.00	44.97 2.88 0.00	41.08 2.73 0.00	38.42 2.51 0.00	40.07 2.08 0.00	40.54 1.98 0.00	35.40 2.00 -0.09	32.74 1.77 -0.13	31.28 1.78 0.00
ASTORIA_GT_5 24106	26.33 0.86 -3.42	22.72 0.85 0.00	21.14 0.87 0.00	20.92 0.82 0.00	23.43 0.94 0.00	30.21 1.14 -0.20	33.50 1.51 -0.34	32.52 1.58 -0.07	34.00 1.61 0.00	34.93 1.87 0.00	35.21 2.00 0.00	42.62 2.43 -0.87	36.07 2.30 -0.21	39.53 2.44 -0.06	49.85 2.90 -5.30	50.62 3.39 0.00	45.14 3.05 0.00	41.20 2.85 0.00	38.48 2.58 0.00	40.13 2.15 0.00	40.60 2.05 0.00	35.40 1.99 -0.09	32.75 1.78 -0.13	31.29 1.79 0.00
ASTORIA_GT_7 24107	26.33 0.86 -3.42	22.72 0.85 0.00	21.14 0.87 0.00	20.92 0.82 0.00	23.43 0.94 0.00	30.21 1.14 -0.20	33.50 1.51 -0.34	32.52 1.58 -0.07	34.00 1.61 0.00	34.93 1.87 0.00	35.21 2.00 0.00	42.62 2.43 -0.87	36.07 2.30 -0.21	39.53 2.44 -0.06	49.85 2.90 -5.30	50.62 3.39 0.00	45.14 3.05 0.00	41.20 2.85 0.00	38.48 2.58 0.00	40.13 2.15 0.00	40.60 2.05 0.00	35.40 1.99 -0.09	32.75 1.78 -0.13	31.29 1.79 0.00
ASTORIA_GT_8 24108	26.32 0.85 -3.42	22.73 0.85 0.00	21.14 0.87 0.00	20.92 0.82 0.00	23.41 0.92 0.00	30.21 1.14 -0.20	33.49 1.50 -0.34	32.52 1.58 -0.07	33.99 1.60 0.00	34.93 1.86 0.00	35.21 2.00 0.00	42.61 2.42 -0.87	36.08 2.30 -0.21	39.53 2.44 -0.06	49.85 2.90 -5.30	50.62 3.39 0.00	45.14 3.05 0.00	41.21 2.86 0.00	38.48 2.58 0.00	40.14 2.15 0.00	40.62 2.06 0.00	35.40 1.99 -0.09	32.74 1.78 -0.13	31.29 1.79 0.00
ASTORIA___2 24149	26.28 0.81 -3.42	22.68 0.80 0.00	21.10 0.83 0.00	20.88 0.78 0.00	23.38 0.89 0.00	30.14 1.08 -0.20	33.43 1.43 -0.34	32.44 1.50 -0.07	33.92 1.52 0.00	34.85 1.79 0.00	35.12 1.91 0.00	42.50 2.32 -0.87	35.98 2.21 -0.21	39.43 2.34 -0.06	49.73 2.79 -5.30	50.49 3.25 0.00	45.02 2.92 0.00	41.09 2.75 0.00	38.38 2.48 0.00	40.04 2.05 0.00	40.51 1.95 0.00	35.31 1.91 -0.09	32.67 1.71 -0.13	31.22 1.72 0.00
ASTORIA___3 23516	26.34 0.87 -3.42	22.73 0.86 0.00	21.13 0.87 0.00	20.92 0.82 0.00	23.44 0.94 0.00	30.22 1.15 -0.20	33.50 1.50 -0.34	32.55 1.61 -0.07	34.00 1.60 0.00	34.93 1.87 0.00	35.20 1.99 0.00	42.59 2.40 -0.87	36.05 2.27 -0.21	39.49 2.40 -0.06	49.72 2.77 -5.30	50.46 3.23 0.00	44.97 2.88 0.00	41.06 2.72 0.00	38.42 2.51 0.00	40.06 2.08 0.00	40.54 1.98 0.00	35.40 2.00 -0.09	32.74 1.78 -0.13	31.28 1.78 0.00
ASTORIA___4 23517	26.34 0.86 -3.42	22.74 0.87 0.00	21.13 0.87 0.00	20.92 0.81 0.00	23.43 0.94 0.00	30.22 1.15 -0.20	33.49 1.50 -0.34	32.55 1.61 -0.07	33.99 1.60 0.00	34.93 1.87 0.00	35.20 1.99 0.00	42.58 2.39 -0.87	36.05 2.27 -0.21	39.49 2.40 -0.06	49.71 2.77 -5.30	50.46 3.23 0.00	44.97 2.88 0.00	41.08 2.73 0.00	38.42 2.51 0.00	40.07 2.08 0.00	40.54 1.98 0.00	35.40 2.00 -0.09	32.74 1.77 -0.13	31.28 1.78 0.00
ASTORIA___5 23518	26.34 0.87 -3.42	22.73 0.86 0.00	21.13 0.87 0.00	20.92 0.82 0.00	23.44 0.94 0.00	30.22 1.15 -0.20	33.50 1.50 -0.34	32.55 1.61 -0.07	34.00 1.60 0.00	34.93 1.87 0.00	35.20 1.99 0.00	42.59 2.40 -0.87	36.05 2.27 -0.21	39.49 2.40 -0.06	49.72 2.77 -5.30	50.46 3.23 0.00	44.97 2.88 0.00	41.06 2.72 0.00	38.42 2.51 0.00	40.06 2.08 0.00	40.54 1.98 0.00	35.40 2.00 -0.09	32.74 1.78 -0.13	31.28 1.78 0.00
AST_ENERGY_2_CC3 323677	26.32 0.84 -3.42	22.71 0.83 0.00	21.11 0.84 0.00	20.89 0.79 0.00	23.42 0.92 0.00	30.19 1.12 -0.20	33.44 1.45 -0.34	32.51 1.58 -0.07	33.99 1.59 0.00	34.96 1.90 0.00	35.25 2.04 0.00	42.68 2.49 -0.87	36.10 2.33 -0.21	39.59 2.50 -0.06	49.87 2.92 -5.30	50.67 3.43 0.00	45.13 3.04 0.00	41.20 2.85 0.00	38.47 2.56 0.00	40.16 2.17 0.00	40.60 2.04 0.00	35.41 2.00 -0.09	32.76 1.80 -0.13	31.29 1.79 0.00
AST_ENERGY_2_CC4 323678	26.32 0.84 -3.42	22.71 0.83 0.00	21.11 0.84 0.00	20.89 0.79 0.00	23.42 0.92 0.00	30.19 1.12 -0.20	33.44 1.45 -0.34	32.51 1.58 -0.07	33.99 1.59 0.00	34.96 1.90 0.00	35.25 2.04 0.00	42.68 2.49 -0.87	36.10 2.33 -0.21	39.59 2.50 -0.06	49.87 2.92 -5.30	50.67 3.43 0.00	45.13 3.04 0.00	41.20 2.85 0.00	38.47 2.56 0.00	40.16 2.17 0.00	40.60 2.04 0.00	35.41 2.00 -0.09	32.76 1.80 -0.13	31.29 1.79 0.00
ATHENS_STG_1 23668	23.48 0.40 -1.04	22.28 0.40 0.00	20.72 0.46 0.00	20.53 0.43 0.00	22.97 0.48 0.00	29.51 0.58 -0.06	32.50 0.75 -0.10	31.80 0.91 -0.02	33.35 0.95 0.00	34.19 1.13 0.00	34.37 1.16 0.00	40.93 1.41 -0.21	34.91 1.30 -0.05	38.51 1.47 -0.02	49.76 1.83 -6.28	49.24 2.01 0.00	43.91 1.82 0.00	40.06 1.72 0.00	37.43 1.53 0.00	39.44 1.45 0.00	39.89 1.33 0.00	34.42 1.08 -0.02	31.81 0.95 -0.03	30.50 0.99 0.00
ATHENS_STG_2 23670	23.48 0.40 -1.04	22.28 0.40 0.00	20.72 0.46 0.00	20.53 0.43 0.00	22.97 0.48 0.00	29.51 0.58 -0.06	32.50 0.75 -0.10	31.80 0.91 -0.02	33.35 0.95 0.00	34.19 1.13 0.00	34.37 1.16 0.00	40.93 1.41 -0.21	34.91 1.30 -0.05	38.51 1.47 -0.02	49.76 1.83 -6.28	49.24 2.01 0.00	43.91 1.82 0.00	40.06 1.72 0.00	37.43 1.53 0.00	39.44 1.45 0.00	39.89 1.33 0.00	34.42 1.08 -0.02	31.81 0.95 -0.03	30.50 0.99 0.00

ATHENS_STG_3 23677	23.48 0.40 -1.04	22.28 0.40 0.00	20.72 0.46 0.00	20.53 0.43 0.00	22.97 0.48 0.00	29.51 0.58 -0.06	32.50 0.75 -0.10	31.80 0.91 -0.02	33.35 0.95 0.00	34.19 1.13 0.00	34.37 1.16 0.00	40.93 1.41 -0.21	34.91 1.30 -0.05	38.51 1.47 -0.02	49.76 1.83 -6.28	49.24 2.01 0.00	43.91 1.82 0.00	40.06 1.72 0.00	37.43 1.53 0.00	39.44 1.45 0.00	39.89 1.33 0.00	34.42 1.08 -0.02	31.81 0.95 -0.03	30.50 0.99 0.00
AUBURN____LFGE 323710	22.66 0.61 0.00	22.50 0.62 0.00	20.75 0.48 0.00	20.60 0.49 0.00	23.02 0.53 0.00	29.72 0.85 0.00	32.65 1.00 0.00	32.05 0.85 -0.33	35.13 0.67 -2.06	35.77 0.56 -2.14	35.93 0.60 -2.11	42.93 0.62 -2.99	36.36 0.60 -2.19	40.33 0.61 -2.69	46.06 0.63 -3.78	52.24 0.80 -4.21	46.23 0.70 -3.44	42.16 0.93 -2.89	39.28 0.82 -2.54	41.51 0.68 -2.83	42.09 0.61 -2.93	35.87 0.45 -2.11	32.81 0.40 -1.58	30.62 0.28 -0.83
BABYLON_RES_REC 323704	26.72 1.24 -3.42	23.11 1.24 0.00	21.50 1.24 0.00	21.29 1.19 0.00	23.87 1.38 0.00	30.65 1.59 -0.20	33.74 1.75 -0.34	32.83 1.89 -0.07	34.24 1.84 0.00	35.16 2.10 0.00	35.57 2.32 -0.04	42.75 2.56 -0.87	36.35 2.58 -0.21	61.40 2.95 -21.43	52.74 3.30 -7.80	51.16 3.92 0.00	45.38 3.24 -0.04	41.71 3.36 0.00	39.01 3.09 -0.01	40.63 2.64 0.00	41.16 2.59 0.00	36.12 2.72 -0.09	33.29 2.32 -0.13	31.69 2.18 0.00
BABYLON__69_KV_BK2 356345	27.01 1.54 -3.42	23.40 1.53 0.00	21.78 1.51 0.00	21.56 1.46 0.00	24.17 1.68 0.00	31.21 2.15 -0.20	34.47 2.48 -0.34	33.58 2.64 -0.07	35.09 2.69 0.00	36.02 2.95 0.00	36.54 3.19 -0.13	43.75 3.56 -0.87	37.26 3.48 -0.21	102.50 3.90 -61.57	59.20 4.35 -13.20	52.31 5.08 0.00	46.60 4.38 -0.13	42.77 4.40 -0.01	39.91 3.95 -0.05	41.51 3.53 0.00	42.03 3.47 0.00	36.68 3.28 -0.09	33.74 2.78 -0.13	32.09 2.59 0.00
BALL_HILL_WT_PWR 323825	23.06 1.02 0.00	22.83 0.96 0.00	20.85 0.58 0.00	20.70 0.60 0.00	23.34 0.85 0.00	30.18 1.31 0.00	32.99 1.34 0.00	31.75 0.88 0.00	32.85 0.45 0.00	33.08 0.02 0.00	33.39 0.17 0.00	39.62 0.31 0.00	33.68 0.11 0.00	37.13 0.10 0.00	41.66 -0.47 -0.47	47.05 -0.19 0.00	41.94 -0.16 0.00	39.13 0.78 0.00	36.45 0.55 0.00	38.01 0.02 0.00	38.77 0.20 0.00	33.72 0.41 0.00	31.50 0.68 0.00	29.85 0.34 0.00
BARON_WINDS____WT_PWR 323822	22.85 0.80 0.00	22.66 0.79 0.00	20.79 0.52 0.00	20.64 0.54 0.00	23.20 0.71 0.00	29.93 1.06 0.00	32.86 1.21 0.00	31.87 1.00 0.00	33.05 0.65 0.00	33.39 0.32 0.00	33.66 0.45 0.00	39.89 0.58 0.00	33.99 0.42 0.00	37.50 0.47 0.00	42.33 0.07 -0.61	47.51 0.28 0.00	42.28 0.18 0.00	39.15 0.80 0.00	36.51 0.61 0.00	38.27 0.28 0.00	39.00 0.44 0.00	33.83 0.52 0.00	31.48 0.65 0.00	29.88 0.38 0.00
BARRETT_IC_1 23704	26.49 1.02 -3.42	22.92 1.05 0.00	21.31 1.04 0.00	21.10 1.00 0.00	23.66 1.17 0.00	30.55 1.48 -0.20	33.57 1.58 -0.34	32.57 1.63 -0.07	34.02 1.63 0.00	34.95 1.89 0.00	35.48 2.27 0.00	42.63 2.44 -0.87	36.19 2.41 -0.21	39.72 2.63 -0.06	49.99 3.04 -5.30	50.85 3.61 0.00	45.11 3.02 0.00	41.40 3.05 0.00	38.53 2.62 0.00	40.17 2.18 0.00	40.58 2.02 0.00	35.51 2.11 -0.09	32.97 2.01 -0.14	31.45 1.94 0.00
BARRETT_IC_10 23701	26.49 1.02 -3.42	22.92 1.05 0.00	21.31 1.04 0.00	21.10 1.00 0.00	23.66 1.17 0.00	30.55 1.48 -0.20	33.57 1.58 -0.34	32.57 1.63 -0.07	34.02 1.63 0.00	34.95 1.89 0.00	35.48 2.27 0.00	42.63 2.44 -0.87	36.19 2.41 -0.21	39.72 2.63 -0.06	49.99 3.04 -5.30	50.85 3.61 0.00	45.11 3.02 0.00	41.40 3.05 0.00	38.53 2.62 0.00	40.17 2.18 0.00	40.58 2.02 0.00	35.51 2.11 -0.09	32.97 2.01 -0.14	31.45 1.94 0.00
BARRETT_IC_11 23702	26.49 1.02 -3.42	22.92 1.05 0.00	21.31 1.04 0.00	21.10 1.00 0.00	23.66 1.17 0.00	30.55 1.48 -0.20	33.57 1.58 -0.34	32.57 1.63 -0.07	34.02 1.63 0.00	34.95 1.89 0.00	35.48 2.27 0.00	42.63 2.44 -0.87	36.19 2.41 -0.21	39.72 2.63 -0.06	49.99 3.04 -5.30	50.85 3.61 0.00	45.11 3.02 0.00	41.40 3.05 0.00	38.53 2.62 0.00	40.17 2.18 0.00	40.58 2.02 0.00	35.51 2.11 -0.09	32.97 2.01 -0.14	31.45 1.94 0.00
BARRETT_IC_12 23703	26.49 1.02 -3.42	22.92 1.05 0.00	21.31 1.04 0.00	21.10 1.00 0.00	23.66 1.17 0.00	30.55 1.48 -0.20	33.57 1.58 -0.34	32.57 1.63 -0.07	34.02 1.63 0.00	34.95 1.89 0.00	35.48 2.27 0.00	42.63 2.44 -0.87	36.19 2.41 -0.21	39.72 2.63 -0.06	49.99 3.04 -5.30	50.85 3.61 0.00	45.11 3.02 0.00	41.40 3.05 0.00	38.53 2.62 0.00	40.17 2.18 0.00	40.58 2.02 0.00	35.51 2.11 -0.09	32.97 2.01 -0.14	31.45 1.94 0.00
BARRETT_IC_2 23705	26.49 1.02 -3.42	22.92 1.05 0.00	21.31 1.04 0.00	21.10 1.00 0.00	23.66 1.17 0.00	30.55 1.48 -0.20	33.57 1.58 -0.34	32.57 1.63 -0.07	34.02 1.63 0.00	34.95 1.89 0.00	35.48 2.27 0.00	42.63 2.44 -0.87	36.19 2.41 -0.21	39.72 2.63 -0.06	49.99 3.04 -5.30	50.85 3.61 0.00	45.11 3.02 0.00	41.40 3.05 0.00	38.53 2.62 0.00	40.17 2.18 0.00	40.58 2.02 0.00	35.51 2.11 -0.09	32.97 2.01 -0.14	31.45 1.94 0.00
BARRETT_IC_3 23706	26.49 1.02 -3.42	22.92 1.05 0.00	21.31 1.04 0.00	21.10 1.00 0.00	23.66 1.17 0.00	30.55 1.48 -0.20	33.57 1.58 -0.34	32.57 1.63 -0.07	34.02 1.63 0.00	34.95 1.89 0.00	35.48 2.27 0.00	42.63 2.44 -0.87	36.19 2.41 -0.21	39.72 2.63 -0.06	49.99 3.04 -5.30	50.85 3.61 0.00	45.11 3.02 0.00	41.40 3.05 0.00	38.53 2.62 0.00	40.17 2.18 0.00	40.58 2.02 0.00	35.51 2.11 -0.09	32.97 2.01 -0.14	31.45 1.94 0.00
BARRETT_IC_4 23707	26.49 1.02 -3.42	22.92 1.05 0.00	21.31 1.04 0.00	21.10 1.00 0.00	23.66 1.17 0.00	30.55 1.48 -0.20	33.57 1.58 -0.34	32.57 1.63 -0.07	34.02 1.63 0.00	34.95 1.89 0.00	35.48 2.27 0.00	42.63 2.44 -0.87	36.19 2.41 -0.21	39.72 2.63 -0.06	49.99 3.04 -5.30	50.85 3.61 0.00	45.11 3.02 0.00	41.40 3.05 0.00	38.53 2.62 0.00	40.17 2.18 0.00	40.58 2.02 0.00	35.51 2.11 -0.09	32.97 2.01 -0.14	31.45 1.94 0.00
BARRETT_IC_5 23708	26.49 1.02 -3.42	22.92 1.05 0.00	21.31 1.04 0.00	21.10 1.00 0.00	23.66 1.17 0.00	30.55 1.48 -0.20	33.57 1.58 -0.34	32.57 1.63 -0.07	34.02 1.63 0.00	34.95 1.89 0.00	35.48 2.27 0.00	42.63 2.44 -0.87	36.19 2.41 -0.21	39.72 2.63 -0.06	49.99 3.04 -5.30	50.85 3.61 0.00	45.11 3.02 0.00	41.40 3.05 0.00	38.53 2.62 0.00	40.17 2.18 0.00	40.58 2.02 0.00	35.51 2.11 -0.09	32.97 2.01 -0.14	31.45 1.94 0.00
BARRETT_IC_6 23709	26.49 1.02 -3.42	22.92 1.05 0.00	21.31 1.04 0.00	21.10 1.00 0.00	23.66 1.17 0.00	30.55 1.48 -0.20	33.57 1.58 -0.34	32.57 1.63 -0.07	34.02 1.63 0.00	34.95 1.89 0.00	35.48 2.27 0.00	42.63 2.44 -0.87	36.19 2.41 -0.21	39.72 2.63 -0.06	49.99 3.04 -5.30	50.85 3.61 0.00	45.11 3.02 0.00	41.40 3.05 0.00	38.53 2.62 0.00	40.17 2.18 0.00	40.58 2.02 0.00	35.51 2.11 -0.09	32.97 2.01 -0.14	31.45 1.94 0.00

BARRETT_IC_7 23710	26.49 1.01 -3.42	22.92 1.05 0.00	21.31 1.05 0.00	21.10 1.00 0.00	23.65 1.16 0.00	30.55 1.48 -0.20	33.58 1.59 -0.34	32.57 1.63 -0.07	34.03 1.63 0.00	34.94 1.88 0.00	35.48 2.27 0.00	42.61 2.42 -0.87	36.19 2.41 -0.21	39.71 2.62 -0.06	49.99 3.04 -5.30	50.85 3.61 0.00	45.11 3.02 0.00	41.41 3.06 0.00	38.53 2.63 0.00	40.16 2.17 0.00	40.59 2.03 0.00	35.51 2.11 -0.09	32.97 2.00 -0.13	31.45 1.94 0.00
BARRETT_IC_8 23711	26.49 1.02 -3.42	22.92 1.05 0.00	21.31 1.04 0.00	21.10 1.00 0.00	23.66 1.17 0.00	30.55 1.48 -0.20	33.57 1.58 -0.34	32.57 1.63 -0.07	34.02 1.63 0.00	34.95 1.89 0.00	35.48 2.27 0.00	42.63 2.44 -0.87	36.19 2.41 -0.21	39.72 2.63 -0.06	49.99 3.04 -5.30	50.85 3.61 0.00	45.11 3.02 0.00	41.40 3.05 0.00	38.53 2.62 0.00	40.17 2.18 0.00	40.58 2.02 0.00	35.51 2.11 -0.09	32.97 2.01 -0.14	31.45 1.94 0.00
BARRETT_IC_9 23700	26.49 1.02 -3.42	22.92 1.05 0.00	21.31 1.04 0.00	21.10 1.00 0.00	23.66 1.17 0.00	30.55 1.48 -0.20	33.57 1.58 -0.34	32.57 1.63 -0.07	34.02 1.63 0.00	34.95 1.89 0.00	35.48 2.27 0.00	42.63 2.44 -0.87	36.19 2.41 -0.21	39.72 2.63 -0.06	49.99 3.04 -5.30	50.85 3.61 0.00	45.11 3.02 0.00	41.40 3.05 0.00	38.53 2.62 0.00	40.17 2.18 0.00	40.58 2.02 0.00	35.51 2.11 -0.09	32.97 2.01 -0.14	31.45 1.94 0.00
BARRETT___1 23545	26.49 1.02 -3.42	22.92 1.05 0.00	21.31 1.04 0.00	21.10 1.00 0.00	23.66 1.17 0.00	30.55 1.48 -0.20	33.57 1.58 -0.34	32.57 1.63 -0.07	34.02 1.63 0.00	34.95 1.89 0.00	35.48 2.27 0.00	42.63 2.44 -0.87	36.19 2.41 -0.21	39.72 2.63 -0.06	49.99 3.04 -5.30	50.85 3.61 0.00	45.11 3.02 0.00	41.40 3.05 0.00	38.53 2.62 0.00	40.17 2.18 0.00	40.58 2.02 0.00	35.51 2.11 -0.09	32.97 2.01 -0.14	31.45 1.94 0.00
BARRETT___2 23546	26.49 1.02 -3.42	22.92 1.05 0.00	21.31 1.04 0.00	21.10 1.00 0.00	23.66 1.17 0.00	30.55 1.48 -0.20	33.57 1.58 -0.34	32.57 1.63 -0.07	34.02 1.63 0.00	34.95 1.89 0.00	35.48 2.27 0.00	42.63 2.44 -0.87	36.19 2.41 -0.21	39.72 2.63 -0.06	49.99 3.04 -5.30	50.85 3.61 0.00	45.11 3.02 0.00	41.40 3.05 0.00	38.53 2.62 0.00	40.17 2.18 0.00	40.58 2.02 0.00	35.51 2.11 -0.09	32.97 2.01 -0.14	31.45 1.94 0.00
BATAVIA___115KV_TB1 55881	23.52 1.47 0.00	23.22 1.35 0.00	21.22 0.95 0.00	21.09 0.98 0.00	23.79 1.30 0.00	30.82 1.95 0.00	33.63 1.98 0.00	32.29 1.42 0.00	33.39 0.99 0.00	33.55 0.49 0.00	33.82 0.61 0.00	40.19 0.88 0.00	34.03 0.46 0.00	37.57 0.54 0.00	42.04 -0.02 -0.41	47.57 0.33 0.00	42.31 0.22 0.00	39.59 1.24 0.00	37.21 1.31 0.00	38.94 0.96 0.00	39.63 1.07 0.00	34.40 1.09 0.00	32.08 1.25 0.00	30.37 0.87 0.00
BAYONEEC___CTG1 323682	26.33 0.86 -3.42	22.72 0.85 0.00	21.13 0.86 0.00	20.91 0.81 0.00	23.43 0.94 0.00	30.22 1.15 -0.20	33.47 1.48 -0.34	32.53 1.59 -0.07	34.00 1.60 0.00	34.97 1.91 0.00	35.26 2.05 0.00	42.70 2.51 -0.87	36.10 2.33 -0.21	39.60 2.51 -0.06	49.89 2.94 -5.30	50.67 3.44 0.00	45.13 3.04 0.00	41.20 2.85 0.00	38.48 2.57 0.00	40.16 2.17 0.00	40.61 2.05 0.00	35.43 2.02 -0.09	32.79 1.82 -0.13	31.33 1.83 0.00
BAYONEEC___CTG10 323750	26.33 0.86 -3.42	22.72 0.85 0.00	21.13 0.86 0.00	20.91 0.81 0.00	23.43 0.94 0.00	30.22 1.15 -0.20	33.47 1.48 -0.34	32.53 1.59 -0.07	34.00 1.60 0.00	34.97 1.91 0.00	35.26 2.05 0.00	42.70 2.51 -0.87	36.10 2.33 -0.21	39.60 2.51 -0.06	49.89 2.94 -5.30	50.67 3.44 0.00	45.13 3.04 0.00	41.20 2.85 0.00	38.48 2.57 0.00	40.16 2.17 0.00	40.61 2.05 0.00	35.43 2.02 -0.09	32.79 1.82 -0.13	31.33 1.83 0.00
BAYONEEC___CTG2 323683	26.33 0.86 -3.42	22.72 0.85 0.00	21.13 0.86 0.00	20.91 0.81 0.00	23.43 0.94 0.00	30.22 1.15 -0.20	33.47 1.48 -0.34	32.53 1.59 -0.07	34.00 1.60 0.00	34.97 1.91 0.00	35.26 2.05 0.00	42.70 2.51 -0.87	36.10 2.33 -0.21	39.60 2.51 -0.06	49.89 2.94 -5.30	50.67 3.44 0.00	45.13 3.04 0.00	41.20 2.85 0.00	38.48 2.57 0.00	40.16 2.17 0.00	40.61 2.05 0.00	35.43 2.02 -0.09	32.79 1.82 -0.13	31.33 1.83 0.00
BAYONEEC___CTG3 323684	26.33 0.86 -3.42	22.72 0.85 0.00	21.13 0.86 0.00	20.91 0.81 0.00	23.43 0.94 0.00	30.22 1.15 -0.20	33.47 1.48 -0.34	32.53 1.59 -0.07	34.00 1.60 0.00	34.97 1.91 0.00	35.26 2.05 0.00	42.70 2.51 -0.87	36.10 2.33 -0.21	39.60 2.51 -0.06	49.89 2.94 -5.30	50.67 3.44 0.00	45.13 3.04 0.00	41.20 2.85 0.00	38.48 2.57 0.00	40.16 2.17 0.00	40.61 2.05 0.00	35.43 2.02 -0.09	32.79 1.82 -0.13	31.33 1.83 0.00
BAYONEEC___CTG4 323685	26.33 0.86 -3.42	22.72 0.85 0.00	21.13 0.86 0.00	20.91 0.81 0.00	23.43 0.94 0.00	30.22 1.15 -0.20	33.47 1.48 -0.34	32.53 1.59 -0.07	34.00 1.60 0.00	34.97 1.91 0.00	35.26 2.05 0.00	42.70 2.51 -0.87	36.10 2.33 -0.21	39.60 2.51 -0.06	49.89 2.94 -5.30	50.67 3.44 0.00	45.13 3.04 0.00	41.20 2.85 0.00	38.48 2.57 0.00	40.16 2.17 0.00	40.61 2.05 0.00	35.43 2.02 -0.09	32.79 1.82 -0.13	31.33 1.83 0.00
BAYONEEC___CTG5 323686	26.33 0.86 -3.42	22.72 0.85 0.00	21.13 0.86 0.00	20.91 0.81 0.00	23.43 0.94 0.00	30.22 1.15 -0.20	33.47 1.48 -0.34	32.53 1.59 -0.07	34.00 1.60 0.00	34.97 1.91 0.00	35.26 2.05 0.00	42.70 2.51 -0.87	36.10 2.33 -0.21	39.60 2.51 -0.06	49.89 2.94 -5.30	50.67 3.44 0.00	45.13 3.04 0.00	41.20 2.85 0.00	38.48 2.57 0.00	40.16 2.17 0.00	40.61 2.05 0.00	35.43 2.02 -0.09	32.79 1.82 -0.13	31.33 1.83 0.00
BAYONEEC___CTG6 323687	26.33 0.86 -3.42	22.72 0.85 0.00	21.13 0.86 0.00	20.91 0.81 0.00	23.43 0.94 0.00	30.22 1.15 -0.20	33.47 1.48 -0.34	32.53 1.59 -0.07	34.00 1.60 0.00	34.97 1.91 0.00	35.26 2.05 0.00	42.70 2.51 -0.87	36.10 2.33 -0.21	39.60 2.51 -0.06	49.89 2.94 -5.30	50.67 3.44 0.00	45.13 3.04 0.00	41.20 2.85 0.00	38.48 2.57 0.00	40.16 2.17 0.00	40.61 2.05 0.00	35.43 2.02 -0.09	32.79 1.82 -0.13	31.33 1.83 0.00
BAYONEEC___CTG7 323688	26.33 0.86 -3.42	22.72 0.85 0.00	21.13 0.86 0.00	20.91 0.81 0.00	23.43 0.94 0.00	30.22 1.15 -0.20	33.47 1.48 -0.34	32.53 1.59 -0.07	34.00 1.60 0.00	34.97 1.91 0.00	35.26 2.05 0.00	42.70 2.51 -0.87	36.10 2.33 -0.21	39.60 2.51 -0.06	49.89 2.94 -5.30	50.67 3.44 0.00	45.13 3.04 0.00	41.20 2.85 0.00	38.48 2.57 0.00	40.16 2.17 0.00	40.61 2.05 0.00	35.43 2.02 -0.09	32.79 1.82 -0.13	31.33 1.83 0.00
BAYONEEC___CTG8 323689	26.33 0.86 -3.42	22.72 0.85 0.00	21.13 0.86 0.00	20.91 0.81 0.00	23.43 0.94 0.00	30.22 1.15 -0.20	33.47 1.48 -0.34	32.53 1.59 -0.07	34.00 1.60 0.00	34.97 1.91 0.00	35.26 2.05 0.00	42.70 2.51 -0.87	36.10 2.33 -0.21	39.60 2.51 -0.06	49.89 2.94 -5.30	50.67 3.44 0.00	45.13 3.04 0.00	41.20 2.85 0.00	38.48 2.57 0.00	40.16 2.17 0.00	40.61 2.05 0.00	35.43 2.02 -0.09	32.79 1.82 -0.13	31.33 1.83 0.00

BAYONEEC___CTG9 323749	26.33 0.86 -3.42	22.72 0.85 0.00	21.13 0.86 0.00	20.91 0.81 0.00	23.43 0.94 0.00	30.22 1.15 -0.20	33.47 1.48 -0.34	32.53 1.59 -0.07	34.00 1.60 0.00	34.97 1.91 0.00	35.26 2.05 0.00	42.70 2.51 -0.87	36.10 2.33 -0.21	39.60 2.51 -0.06	49.89 2.94 -5.30	50.67 3.44 0.00	45.13 3.04 0.00	41.20 2.85 0.00	38.48 2.57 0.00	40.16 2.17 0.00	40.61 2.05 0.00	35.43 2.02 -0.09	32.79 1.82 -0.13	31.33 1.83 0.00
BEACON___LESR 323632	18.51 0.29 3.83	22.23 0.36 0.00	20.63 0.37 0.00	20.41 0.31 0.00	22.88 0.38 0.00	29.15 0.50 0.22	32.01 0.76 0.39	30.67 0.93 1.13	18.88 0.99 14.51	18.82 1.13 15.37	34.33 1.12 0.00	39.61 1.39 1.10	34.53 1.23 0.26	38.45 1.50 0.08	50.37 1.94 -6.78	49.13 1.90 0.00	43.95 1.85 0.00	40.18 1.84 0.00	37.45 1.54 0.00	39.64 1.65 0.00	39.97 1.41 0.00	34.14 0.94 0.11	31.49 0.83 0.17	30.37 0.86 0.00
BEAVER RIVER___HYD 24048	22.50 0.45 0.00	22.29 0.42 0.00	20.61 0.34 0.00	20.44 0.34 0.00	22.87 0.37 0.00	29.44 0.57 0.00	32.40 0.76 0.00	31.74 0.69 -0.18	34.31 0.75 -1.17	34.89 0.61 -1.21	34.86 0.45 -1.20	41.19 0.18 -1.69	34.71 -0.10 -1.24	38.34 -0.21 -1.52	43.20 -0.50 -2.04	48.92 -0.70 -2.38	43.47 -0.57 -1.94	39.82 -0.16 -1.63	37.72 0.37 -1.44	40.38 0.79 -1.60	41.18 0.96 -1.66	35.37 0.87 -1.19	32.51 0.79 -0.89	30.66 0.69 -0.47
BEEBEE_GT_13 23619	23.13 1.08 0.00	22.88 1.01 0.00	20.99 0.72 0.00	20.84 0.74 0.00	23.45 0.96 0.00	30.29 1.42 0.00	33.07 1.42 0.00	31.80 1.00 0.07	32.62 0.69 0.47	32.97 0.39 0.49	33.26 0.53 0.48	39.29 0.64 0.67	33.53 0.45 0.49	36.90 0.47 0.60	41.38 0.12 0.39	46.62 0.32 0.93	41.71 0.38 0.76	38.76 1.05 0.64	36.33 0.99 0.57	38.01 0.65 0.63	38.54 0.63 0.65	33.51 0.67 0.47	31.23 0.75 0.35	29.80 0.47 0.18
BENSHRST_27_KV_BENSHRST_1 355998	26.61 1.13 -3.42	23.00 1.12 0.00	21.37 1.11 0.00	21.15 1.05 0.00	23.67 1.18 0.00	30.55 1.48 -0.20	33.89 1.90 -0.34	32.86 1.92 -0.07	34.33 1.93 0.00	35.32 2.25 0.00	35.64 2.43 0.00	43.14 2.96 -0.87	36.61 2.77 -0.27	40.07 2.98 -0.06	50.71 3.39 -5.66	97.48 3.96 -46.28	401.70 3.57 -356.04	43.27 3.35 -1.58	38.99 3.08 0.00	40.64 2.65 0.00	41.11 2.54 -0.01	35.89 2.48 -0.10	33.19 2.23 -0.14	31.68 2.18 0.00
BETHLEHEM___GRP 23843	18.38 -0.03 3.64	21.84 -0.03 0.00	20.30 0.04 0.00	20.12 0.02 0.00	22.51 0.02 0.00	28.66 0.00 0.21	31.42 0.14 0.37	30.19 0.34 1.02	19.77 0.40 13.02	19.82 0.56 13.80	33.73 0.52 0.00	38.91 0.65 1.05	33.90 0.58 0.25	37.70 0.75 0.07	49.51 1.07 -6.79	48.31 1.08 0.00	43.11 1.02 0.00	39.31 0.96 0.00	36.72 0.82 0.00	38.83 0.85 0.00	39.27 0.71 0.00	33.60 0.39 0.11	30.98 0.31 0.16	29.89 0.38 0.00
BETHLEHEM___GS1 323560	18.38 -0.03 3.64	21.84 -0.03 0.00	20.30 0.04 0.00	20.12 0.02 0.00	22.51 0.02 0.00	28.66 0.00 0.21	31.42 0.15 0.37	30.20 0.34 1.02	19.77 0.39 13.02	19.83 0.56 13.80	33.73 0.52 0.00	38.91 0.64 1.05	33.90 0.58 0.25	37.70 0.75 0.07	49.51 1.07 -6.79	48.31 1.08 0.00	43.11 1.02 0.00	39.31 0.96 0.00	36.72 0.82 0.00	38.83 0.85 0.00	39.26 0.70 0.00	33.60 0.40 0.11	30.98 0.32 0.16	29.89 0.38 0.00
BETHLEHEM___GS2 323561	18.38 -0.03 3.64	21.84 -0.03 0.00	20.30 0.04 0.00	20.12 0.02 0.00	22.51 0.02 0.00	28.66 0.00 0.21	31.42 0.15 0.37	30.20 0.34 1.02	19.77 0.39 13.02	19.83 0.56 13.80	33.73 0.52 0.00	38.91 0.64 1.05	33.90 0.58 0.25	37.70 0.75 0.07	49.51 1.07 -6.79	48.31 1.08 0.00	43.11 1.02 0.00	39.31 0.96 0.00	36.72 0.82 0.00	38.83 0.85 0.00	39.26 0.70 0.00	33.60 0.40 0.11	30.98 0.32 0.16	29.89 0.38 0.00
BETHLEHEM___GS3 323562	18.38 -0.03 3.64	21.84 -0.03 0.00	20.30 0.04 0.00	20.12 0.02 0.00	22.51 0.02 0.00	28.66 0.00 0.21	31.42 0.15 0.37	30.20 0.34 1.02	19.77 0.39 13.02	19.83 0.56 13.80	33.73 0.52 0.00	38.91 0.64 1.05	33.90 0.58 0.25	37.70 0.75 0.07	49.51 1.07 -6.79	48.31 1.08 0.00	43.11 1.02 0.00	39.31 0.96 0.00	36.72 0.82 0.00	38.83 0.85 0.00	39.26 0.70 0.00	33.60 0.40 0.11	30.98 0.32 0.16	29.89 0.38 0.00
BETHLEHEM___STEEL 23779	23.12 1.07 0.00	22.87 0.99 0.00	20.87 0.60 0.00	20.73 0.63 0.00	23.38 0.89 0.00	30.25 1.38 0.00	32.95 1.30 0.00	31.63 0.76 0.00	32.72 0.32 0.00	32.93 -0.13 0.00	33.27 0.06 0.00	39.47 0.16 0.00	33.55 -0.02 0.00	36.95 -0.08 0.00	41.43 -0.69 -0.43	46.80 -0.43 0.00	41.76 -0.34 0.00	38.96 0.61 0.00	36.34 0.43 0.00	37.92 -0.07 0.00	38.64 0.08 0.00	33.65 0.34 0.00	31.47 0.65 0.00	29.83 0.32 0.00
BETHLHEM_115KV_TB1 79974	18.63 0.05 3.47	21.92 0.04 0.00	20.38 0.12 0.00	20.20 0.10 0.00	22.60 0.10 0.00	28.78 0.11 0.20	31.55 0.25 0.36	30.37 0.44 0.95	20.81 0.49 12.07	20.92 0.66 12.79	33.84 0.62 0.00	39.08 0.76 1.00	34.03 0.69 0.24	37.82 0.87 0.07	49.63 1.19 -6.79	48.45 1.22 0.00	43.24 1.15 0.00	39.43 1.08 0.00	36.84 0.93 0.00	38.95 0.96 0.00	39.38 0.82 0.00	33.72 0.51 0.10	31.09 0.42 0.15	29.98 0.48 0.00
BETHPAGE_CC_5 323564	26.57 1.10 -3.42	22.96 1.09 0.00	21.36 1.09 0.00	21.15 1.05 0.00	23.72 1.23 0.00	30.62 1.55 -0.20	33.79 1.80 -0.34	32.91 1.97 -0.07	34.37 1.98 0.00	35.29 2.23 0.00	35.67 2.45 -0.01	42.94 2.75 -0.87	36.50 2.72 -0.21	49.61 2.97 -9.61	51.01 3.39 -5.97	51.29 4.06 0.00	45.61 3.51 -0.01	41.88 3.54 0.00	39.02 3.11 0.00	40.67 2.69 0.00	41.11 2.55 0.00	35.83 2.42 -0.09	33.08 2.12 -0.13	31.52 2.01 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	23.15 1.10 0.00	22.90 1.03 0.00	20.90 0.63 0.00	20.76 0.66 0.00	23.41 0.92 0.00	30.30 1.43 0.00	33.02 1.37 0.00	31.71 0.83 0.00	32.81 0.41 0.00	33.04 -0.02 0.00	33.38 0.17 0.00	39.60 0.29 0.00	33.67 0.10 0.00	37.09 0.07 0.00	41.58 -0.54 -0.47	46.99 -0.25 0.00	41.93 -0.17 0.00	39.10 0.75 0.00	36.47 0.56 0.00	38.05 0.06 0.00	38.77 0.21 0.00	33.75 0.44 0.00	31.56 0.73 0.00	29.90 0.40 0.00
BINGHAMTON___COGEN 23790	22.49 0.44 0.00	22.32 0.44 0.00	20.60 0.34 0.00	20.43 0.33 0.00	22.91 0.42 0.00	29.46 0.59 0.00	32.39 0.74 0.00	31.66 0.66 -0.13	33.74 0.51 -0.84	34.34 0.41 -0.87	34.53 0.45 -0.86	41.16 0.60 -1.24	34.97 0.49 -0.91	38.64 0.49 -1.12	44.33 0.40 -2.28	49.55 0.57 -1.75	44.03 0.50 -1.43	40.37 0.83 -1.20	37.62 0.66 -1.06	39.60 0.43 -1.18	40.27 0.50 -1.22	34.60 0.42 -0.87	31.90 0.41 -0.66	30.11 0.26 -0.34
BIXINCNT_115KV_LOAD 355685	23.23 1.18 0.00	23.04 1.17 0.00	21.06 0.79 0.00	20.90 0.80 0.00	23.58 1.09 0.00	30.50 1.63 0.00	33.38 1.73 0.00	32.17 1.29 0.00	33.36 0.97 0.00	33.61 0.55 0.00	33.93 0.71 0.00	40.17 0.85 0.00	34.14 0.57 0.00	37.61 0.58 0.00	42.24 0.10 -0.49	47.65 0.41 0.00	42.49 0.39 0.00	39.59 1.24 0.00	36.85 0.94 0.00	38.44 0.46 0.00	39.17 0.61 0.00	34.10 0.79 0.00	31.85 1.02 0.00	30.25 0.74 0.00

BLACK RIVER___HYD 24047	22.79 0.74 0.00	22.56 0.69 0.00	20.83 0.57 0.00	20.67 0.57 0.00	23.15 0.66 0.00	29.86 0.99 0.00	32.92 1.27 0.00	32.34 1.16 -0.31	35.54 1.18 -1.97	36.06 0.95 -2.04	35.97 0.75 -2.01	42.52 0.36 -2.85	35.64 -0.01 -2.08	39.42 -0.17 -2.56	44.54 -0.51 -3.40	50.52 -0.72 -4.00	44.75 -0.62 -3.27	41.08 -0.01 -2.74	38.93 0.60 -2.42	41.98 1.30 -2.69	42.93 1.58 -2.78	36.69 1.38 -2.00	33.57 1.24 -1.50	31.31 1.02 -0.79
BLACKRVR_115KV_TB2 79977	22.79 0.74 0.00	22.56 0.68 0.00	20.83 0.57 0.00	20.67 0.57 0.00	23.15 0.66 0.00	29.86 0.99 0.00	32.92 1.27 0.00	32.34 1.16 -0.31	35.54 1.18 -1.97	36.06 0.96 -2.04	35.97 0.75 -2.01	42.52 0.36 -2.85	35.64 -0.01 -2.08	39.42 -0.17 -2.56	44.54 -0.51 -3.40	50.52 -0.72 -4.00	44.75 -0.62 -3.27	41.07 -0.02 -2.74	38.93 0.60 -2.42	41.98 1.30 -2.69	42.92 1.58 -2.78	36.69 1.38 -2.00	33.57 1.24 -1.50	31.31 1.02 -0.79
BLISS_WT_PWR 323608	23.23 1.18 0.00	23.05 1.18 0.00	21.07 0.80 0.00	20.91 0.81 0.00	23.60 1.11 0.00	30.51 1.64 0.00	33.42 1.77 0.00	32.20 1.33 0.00	33.40 1.00 0.00	33.64 0.58 0.00	33.96 0.75 0.00	40.22 0.91 0.00	34.18 0.61 0.00	37.66 0.63 0.00	42.30 0.15 -0.49	47.71 0.47 0.00	42.53 0.44 0.00	39.64 1.30 0.00	36.89 0.98 0.00	38.49 0.50 0.00	39.23 0.67 0.00	34.13 0.82 0.00	31.86 1.04 0.00	30.27 0.77 0.00
BLUESTONE___WT_PWR 323821	23.37 1.32 0.00	23.16 1.29 0.00	21.40 1.14 0.00	21.23 1.13 0.00	23.81 1.32 0.00	30.72 1.85 0.00	33.93 2.26 -0.02	32.88 1.90 -0.11	34.85 1.85 -0.60	35.56 1.87 -0.62	35.89 2.02 -0.66	43.07 2.62 -1.14	36.55 2.15 -0.83	40.32 2.27 -1.02	46.15 2.22 -2.27	51.42 2.60 -1.59	45.89 2.49 -1.30	42.40 2.96 -1.09	39.78 2.91 -0.96	41.85 2.79 -1.07	42.45 2.78 -1.11	36.35 2.25 -0.80	33.42 1.99 -0.60	31.53 1.72 -0.31
BLUE_CIRC_CHEM_DRP 24182	19.86 0.38 2.57	22.25 0.37 0.00	20.68 0.42 0.00	20.50 0.40 0.00	22.95 0.45 0.00	29.29 0.57 0.15	32.14 0.75 0.27	31.11 0.92 0.68	24.76 0.97 8.60	25.05 1.11 9.12	34.26 1.05 0.00	39.79 1.24 0.76	34.47 1.08 0.18	38.29 1.31 0.05	49.97 1.63 -6.68	48.90 1.67 0.00	43.63 1.53 0.00	39.87 1.52 0.00	37.27 1.37 0.00	39.43 1.45 0.00	39.88 1.32 0.00	34.19 0.96 0.08	31.55 0.84 0.12	30.38 0.87 0.00
BOC_GAS_DRP 24189	19.75 0.23 2.53	22.10 0.23 0.00	20.55 0.29 0.00	20.37 0.27 0.00	22.79 0.30 0.00	29.08 0.35 0.14	31.88 0.49 0.26	30.97 0.64 0.55	26.27 0.70 6.82	26.67 0.83 7.23	34.04 0.83 0.00	39.58 1.01 0.74	34.30 0.90 0.18	38.05 1.08 0.05	49.86 1.40 -6.81	48.70 1.47 0.00	43.45 1.36 0.00	39.63 1.28 0.00	37.03 1.13 0.00	39.12 1.13 0.00	39.58 1.02 0.00	33.97 0.74 0.08	31.36 0.65 0.11	30.20 0.70 0.00
BOONVILLE_115KV_TB1 79983	22.64 0.59 0.00	22.44 0.56 0.00	20.77 0.50 0.00	20.60 0.50 0.00	23.06 0.57 0.00	29.69 0.81 0.00	32.69 1.04 0.00	31.98 1.02 -0.08	34.08 1.11 -0.57	34.76 1.10 -0.59	34.87 1.08 -0.59	41.25 1.11 -0.83	34.96 0.78 -0.60	38.60 0.83 -0.74	43.42 0.72 -1.04	49.10 0.70 -1.17	43.75 0.71 -0.95	40.19 1.05 -0.80	37.88 1.28 -0.70	40.21 1.44 -0.78	40.83 1.46 -0.81	35.13 1.24 -0.58	32.36 1.09 -0.44	30.70 0.96 -0.23
BORALEX_4TH_BRANCH 23824	14.20 0.68 8.53	22.53 0.65 0.00	20.94 0.67 0.00	20.76 0.66 0.00	23.20 0.71 0.00	29.16 0.78 0.49	31.77 0.99 0.87	33.59 1.38 -1.34	55.13 1.57 -21.16	57.20 1.71 -22.42	34.72 1.50 0.00	38.66 1.71 2.36	34.44 1.43 0.56	38.62 1.75 0.17	50.77 2.40 -6.72	49.61 2.38 0.00	44.38 2.29 0.00	40.35 2.00 0.00	37.62 1.72 0.00	40.07 2.08 0.00	40.58 2.02 0.00	34.38 1.31 0.25	31.67 1.21 0.36	30.80 1.30 0.00
BOWLINE___1 23526	25.85 0.64 -3.16	22.51 0.64 0.00	20.92 0.66 0.00	20.71 0.61 0.00	23.21 0.72 0.00	29.94 0.88 -0.18	33.17 1.20 -0.32	32.24 1.31 -0.06	33.68 1.29 0.00	34.55 1.49 0.00	34.84 1.63 0.00	42.17 2.05 -0.81	35.65 1.89 -0.19	39.17 2.08 -0.06	49.17 2.49 -5.03	50.17 2.93 0.00	44.71 2.62 0.00	40.85 2.50 0.00	38.15 2.24 0.00	39.89 1.91 0.00	40.29 1.74 0.00	35.00 1.60 -0.08	32.35 1.40 -0.12	30.93 1.42 0.00
BOWLINE___2 23595	25.85 0.64 -3.16	22.51 0.64 0.00	20.92 0.66 0.00	20.71 0.61 0.00	23.21 0.72 0.00	29.94 0.88 -0.18	33.17 1.20 -0.32	32.24 1.31 -0.06	33.68 1.29 0.00	34.55 1.49 0.00	34.84 1.63 0.00	42.17 2.04 -0.81	35.65 1.89 -0.19	39.16 2.08 -0.06	49.17 2.49 -5.03	50.16 2.93 0.00	44.71 2.62 0.00	40.85 2.50 0.00	38.15 2.24 0.00	39.90 1.91 0.00	40.29 1.74 0.00	35.00 1.60 -0.08	32.35 1.40 -0.12	30.93 1.42 0.00
BRADY___115KV_TB2 356060	22.20 0.15 0.00	22.02 0.15 0.00	20.36 0.09 0.00	20.22 0.12 0.00	22.56 0.07 0.00	28.93 0.06 0.00	31.62 -0.03 0.00	30.82 -0.05 0.00	32.52 0.12 0.00	33.03 -0.03 0.00	32.91 -0.31 0.00	38.91 -0.40 0.00	33.09 -0.48 0.00	36.47 -0.55 0.00	41.02 -0.63 0.00	46.58 -0.65 0.00	41.46 -0.64 0.00	37.50 -0.85 0.00	35.46 -0.45 0.00	37.97 -0.02 0.00	38.69 0.14 0.00	33.50 0.19 0.00	31.05 0.23 0.00	29.77 0.27 0.00
BRANSCOMB___SOLAR 323811	18.08 0.72 4.69	22.56 0.69 0.00	20.95 0.69 0.00	20.78 0.68 0.00	23.26 0.76 0.00	29.61 1.01 0.27	32.55 1.38 0.48	33.61 1.71 -1.04	50.08 1.85 -15.83	51.86 2.02 -16.78	35.08 1.87 0.00	40.13 2.14 1.32	35.02 1.77 0.31	38.95 2.01 0.09	50.92 2.39 -6.88	49.75 2.52 0.00	44.48 2.38 0.00	40.61 2.26 0.00	37.94 2.03 0.00	40.11 2.12 0.00	40.61 2.05 0.00	34.66 1.48 0.14	31.91 1.28 0.20	30.87 1.36 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	26.85 1.38 -3.42	23.25 1.37 0.00	21.65 1.39 0.00	21.44 1.34 0.00	24.06 1.56 0.00	31.06 1.99 -0.20	34.29 2.29 -0.34	33.41 2.47 -0.07	34.88 2.49 0.00	35.82 2.75 0.00	36.33 2.99 -0.14	43.51 3.32 -0.87	37.01 3.24 -0.21	152.96 3.52 -112.41	58.87 3.91 -13.31	51.73 4.50 0.00	46.01 3.78 -0.13	42.19 3.82 -0.01	39.35 3.39 -0.05	40.94 2.95 0.00	41.54 2.98 0.00	36.34 2.94 -0.09	33.45 2.49 -0.13	31.84 2.33 0.00
BRISTLHL_115KV_TB1 79998	22.07 0.02 0.00	21.89 0.01 0.00	20.24 -0.03 0.00	20.07 -0.04 0.00	22.50 0.01 0.00	28.91 0.04 0.00	31.64 -0.01 0.00	31.38 -0.18 -0.69	36.41 -0.33 -4.35	37.14 -0.44 -4.51	37.24 -0.43 -4.46	45.08 -0.52 -6.29	37.75 -0.43 -4.60	42.18 -0.50 -5.65	48.36 -0.68 -7.40	55.37 -0.71 -8.85	48.71 -0.60 -7.22	44.05 -0.36 -6.06	40.87 -0.38 -5.35	43.41 -0.53 -5.95	44.14 -0.57 -6.15	37.21 -0.52 -4.42	33.70 -0.45 -3.33	30.78 -0.47 -1.74
BROOKHAVEN___DRP 24191	26.90 1.42 -3.42	23.29 1.41 0.00	21.69 1.43 0.00	21.48 1.38 0.00	24.08 1.59 0.00	31.12 2.05 -0.20	34.39 2.40 -0.34	33.53 2.59 -0.07	34.98 2.58 0.00	35.95 2.89 0.00	37.06 3.20 -0.64	43.73 3.54 -0.88	37.17 3.38 -0.22	210.44 3.72 -169.70	89.36 4.24 -43.46	52.26 5.01 -0.02	47.02 4.30 -0.62	42.72 4.30 -0.07	39.98 3.83 -0.25	41.39 3.40 0.00	41.85 3.29 0.00	36.37 2.97 -0.09	33.43 2.47 -0.13	31.83 2.32 0.00

BROOKLYN_NAVY_YARD 23515	26.31 0.84 -3.42	22.70 0.83 0.00	21.10 0.83 0.00	20.88 0.78 0.00	23.39 0.90 0.00	30.16 1.09 -0.20	33.43 1.44 -0.34	32.52 1.58 -0.07	34.00 1.60 0.00	34.98 1.92 0.00	35.21 2.00 0.00	42.67 2.48 -0.87	36.07 2.30 -0.21	39.56 2.47 -0.06	49.85 2.90 -5.30	50.63 3.39 0.00	45.13 3.04 0.00	41.19 2.84 0.00	38.48 2.57 0.00	40.16 2.17 0.00	40.59 2.03 0.00	35.40 2.00 -0.09	32.77 1.81 -0.13	31.28 1.78 0.00
BROOKLYN___ARMY_DRP 323595	26.45 0.97 -3.42	22.84 0.97 0.00	21.23 0.97 0.00	21.01 0.91 0.00	23.52 1.03 0.00	30.35 1.28 -0.20	33.66 1.67 -0.34	32.63 1.69 -0.07	34.08 1.69 0.00	35.05 1.99 0.00	35.36 2.15 0.00	42.80 2.62 -0.87	36.31 2.47 -0.27	39.74 2.65 -0.06	50.33 3.02 -5.66	97.05 3.53 -46.28	401.30 3.17 -356.04	42.91 2.99 -1.58	38.66 2.75 0.00	40.30 2.31 0.00	40.78 2.21 -0.01	35.60 2.18 -0.10	32.94 1.97 -0.14	31.45 1.95 0.00
BROOKVLE_69_KV_TB1 55790	26.61 1.14 -3.42	23.02 1.14 0.00	21.39 1.13 0.00	21.18 1.08 0.00	23.74 1.25 0.00	30.66 1.59 -0.20	33.91 1.92 -0.34	32.99 2.05 -0.07	34.39 2.00 0.00	35.32 2.27 0.00	35.76 2.55 0.00	43.14 2.96 -0.87	36.62 2.84 -0.21	40.24 3.15 -0.06	50.62 3.66 -5.30	51.56 4.32 0.00	45.81 3.72 0.00	41.98 3.64 0.00	39.11 3.20 0.00	40.80 2.81 0.00	41.21 2.65 0.00	35.84 2.44 -0.09	33.09 2.13 -0.13	31.63 2.12 0.00
BROOME_2_LFGE 323671	22.48 0.43 0.00	22.32 0.44 0.00	20.60 0.34 0.00	20.43 0.33 0.00	22.91 0.42 0.00	29.46 0.59 0.00	32.39 0.74 0.00	31.66 0.65 -0.13	33.74 0.51 -0.84	34.34 0.41 -0.87	34.53 0.46 -0.87	41.15 0.60 -1.24	34.97 0.49 -0.91	38.64 0.49 -1.12	44.33 0.40 -2.28	49.54 0.56 -1.75	44.03 0.50 -1.43	40.38 0.83 -1.20	37.62 0.66 -1.06	39.60 0.43 -1.18	40.28 0.50 -1.22	34.60 0.42 -0.87	31.90 0.41 -0.66	30.11 0.26 -0.34
BROOME___LFGE 323600	22.48 0.43 0.00	22.32 0.44 0.00	20.60 0.34 0.00	20.43 0.33 0.00	22.91 0.42 0.00	29.46 0.59 0.00	32.39 0.74 0.00	31.66 0.65 -0.13	33.74 0.51 -0.84	34.34 0.41 -0.87	34.53 0.46 -0.87	41.15 0.60 -1.24	34.97 0.49 -0.91	38.64 0.49 -1.12	44.33 0.40 -2.28	49.54 0.56 -1.75	44.03 0.50 -1.43	40.38 0.83 -1.20	37.62 0.66 -1.06	39.60 0.43 -1.18	40.28 0.50 -1.22	34.60 0.42 -0.87	31.90 0.41 -0.66	30.11 0.26 -0.34
BROWNFLS_115KV_TB_3_5 80003	22.27 0.22 0.00	22.07 0.20 0.00	20.41 0.14 0.00	20.26 0.16 0.00	22.60 0.11 0.00	29.00 0.13 0.00	31.76 0.11 0.00	31.06 0.06 -0.13	33.36 0.16 -0.81	33.87 -0.03 -0.84	33.83 -0.21 -0.83	39.99 -0.49 -1.17	33.81 -0.61 -0.85	37.33 -1.00 -1.05	41.98 -1.00 -1.33	47.68 -1.19 -1.64	42.38 -1.05 -1.34	38.61 -0.86 -1.12	36.51 -0.38 -0.99	39.08 -0.01 -1.10	39.83 0.13 -1.14	34.32 0.18 -0.82	31.67 0.23 -0.62	30.12 0.29 -0.32
BROWNSV1_27_KV_LOAD 356125	26.64 1.16 -3.42	23.03 1.16 0.00	21.40 1.13 0.00	21.17 1.07 0.00	23.72 1.23 0.00	30.60 1.53 -0.20	33.94 1.94 -0.34	33.00 2.06 -0.07	34.50 2.11 0.00	35.49 2.43 0.00	35.80 2.59 0.00	43.35 3.16 -0.87	36.68 2.90 -0.21	40.24 3.15 -0.06	50.57 3.62 -5.30	51.48 4.24 0.00	45.86 3.77 0.00	41.89 3.54 0.00	39.09 3.18 0.00	40.80 2.82 0.00	41.27 2.71 0.00	35.97 2.57 -0.09	33.26 2.30 -0.13	31.76 2.25 0.00
BURROWS___LYONSDAL 23803	22.62 0.57 0.00	22.42 0.54 0.00	20.73 0.47 0.00	20.57 0.47 0.00	23.03 0.53 0.00	29.65 0.78 0.00	32.65 1.00 0.00	31.95 0.97 -0.10	34.13 1.05 -0.69	34.79 1.02 -0.71	34.89 0.97 -0.70	41.25 0.94 -1.00	34.92 0.62 -0.73	38.56 0.64 -0.90	43.38 0.49 -1.24	49.06 0.42 -1.40	43.70 0.46 -1.15	40.12 0.81 -0.96	37.86 1.11 -0.85	40.24 1.31 -0.94	40.90 1.37 -0.97	35.19 1.18 -0.70	32.41 1.05 -0.53	30.70 0.92 -0.27
CAITHNESS_CC_1 323624	26.81 1.34 -3.42	23.20 1.32 0.00	21.61 1.35 0.00	21.40 1.30 0.00	23.99 1.50 0.00	30.99 1.93 -0.20	34.24 2.25 -0.34	33.38 2.44 -0.07	34.82 2.42 0.00	35.80 2.74 0.00	36.87 3.02 -0.64	43.55 3.35 -0.88	37.00 3.21 -0.22	209.99 3.52 -169.45	88.90 3.99 -43.25	51.98 4.73 -0.02	46.76 4.05 -0.62	42.49 4.07 -0.07	39.76 3.61 -0.25	41.16 3.18 0.00	41.62 3.05 0.00	36.19 2.79 -0.09	33.28 2.32 -0.13	31.70 2.20 0.00
CALPINE BETH_PAGE_GT4 24209	26.54 1.06 -3.42	22.94 1.07 0.00	21.34 1.07 0.00	21.13 1.03 0.00	23.69 1.20 0.00	30.59 1.52 -0.20	33.77 1.78 -0.34	32.87 1.94 -0.07	34.35 1.96 0.00	35.26 2.19 0.00	35.68 2.46 -0.01	42.93 2.74 -0.87	36.50 2.72 -0.21	47.06 3.00 -7.03	50.87 3.42 -5.80	51.32 4.09 0.00	45.63 3.53 -0.01	41.91 3.56 0.00	39.05 3.14 0.00	40.69 2.71 0.00	41.12 2.56 0.00	35.80 2.40 -0.09	33.05 2.09 -0.13	31.50 2.00 0.00
CALPINE_BETH_PAGE_GT_4 323586	26.55 1.08 -3.42	22.94 1.07 0.00	21.34 1.07 0.00	21.13 1.02 0.00	23.69 1.20 0.00	30.59 1.52 -0.20	33.76 1.77 -0.34	32.87 1.93 -0.07	34.34 1.95 0.00	35.26 2.20 0.00	35.68 2.46 -0.01	42.94 2.75 -0.87	36.50 2.72 -0.21	47.06 2.99 -7.03	50.87 3.42 -5.80	51.32 4.09 0.00	45.63 3.53 -0.01	41.91 3.55 0.00	39.05 3.14 0.00	40.69 2.71 0.00	41.11 2.55 0.00	35.80 2.40 -0.09	33.06 2.09 -0.13	31.50 2.00 0.00
CALPINE_BP_GT1 23823	26.55 1.08 -3.42	22.94 1.07 0.00	21.34 1.07 0.00	21.13 1.02 0.00	23.69 1.20 0.00	30.59 1.52 -0.20	33.76 1.77 -0.34	32.87 1.93 -0.07	34.34 1.95 0.00	35.26 2.20 0.00	35.68 2.46 -0.01	42.94 2.75 -0.87	36.50 2.72 -0.21	47.06 2.99 -7.03	50.87 3.42 -5.80	51.32 4.09 0.00	45.63 3.53 -0.01	41.91 3.55 0.00	39.05 3.14 0.00	40.69 2.71 0.00	41.11 2.55 0.00	35.80 2.40 -0.09	33.06 2.09 -0.13	31.50 2.00 0.00
CALSPAN___DRP 24200	23.12 1.07 0.00	22.87 0.99 0.00	20.87 0.60 0.00	20.73 0.63 0.00	23.38 0.89 0.00	30.25 1.38 0.00	32.95 1.30 0.00	31.63 0.76 0.00	32.72 0.32 0.00	32.93 -0.13 0.00	33.27 0.06 0.00	39.47 0.16 0.00	33.55 -0.02 0.00	36.95 -0.08 0.00	41.43 -0.69 -0.47	46.80 -0.43 0.00	41.76 -0.34 0.00	38.96 0.61 0.00	36.34 0.43 0.00	37.92 -0.07 0.00	38.64 0.08 0.00	33.65 0.34 0.00	31.47 0.65 0.00	29.83 0.32 0.00
CALVERTON___SOLAR 323806	27.29 1.82 -3.42	23.65 1.78 0.00	22.03 1.76 0.00	21.81 1.71 0.00	24.46 1.97 0.00	31.64 2.58 -0.20	35.00 3.01 -0.34	34.13 3.19 -0.07	35.62 3.23 0.00	36.67 3.61 0.00	37.83 3.97 -0.65	44.70 4.51 -0.88	37.94 4.15 -0.22	211.72 4.57 -170.12	90.70 5.29 -43.75	53.52 6.27 -0.02	48.10 5.38 -0.62	43.68 5.26 -0.07	40.88 4.72 -0.25	42.32 4.34 0.00	42.77 4.21 0.00	37.10 3.70 -0.09	34.06 3.10 -0.13	32.37 2.87 0.00
CANDIGU_WT_PWR 323617	22.85 0.80 0.00	22.66 0.79 0.00	20.79 0.52 0.00	20.64 0.54 0.00	23.20 0.71 0.00	29.93 1.06 0.00	32.86 1.21 0.00	31.87 1.00 0.00	33.05 0.65 0.00	33.39 0.32 0.00	33.66 0.45 0.00	39.89 0.58 0.00	33.99 0.42 0.00	37.50 0.47 0.00	42.33 0.07 -0.61	47.51 0.28 0.00	42.28 0.18 0.00	39.15 0.80 0.00	36.51 0.61 0.00	38.27 0.28 0.00	39.00 0.44 0.00	33.83 0.52 0.00	31.48 0.65 0.00	29.88 0.38 0.00

CARR STREET_E_SYR 24060	22.20 0.15 0.00	22.01 0.13 0.00	20.34 0.08 0.00	20.18 0.08 0.00	22.62 0.12 0.00	29.08 0.20 0.00	31.85 0.20 0.00	31.08 0.03 -0.18	33.39 -0.12 -1.12	33.92 -0.30 -1.16	34.01 -0.35 -1.15	40.55 -0.39 -1.62	34.42 -0.34 -1.19	38.09 -0.40 -1.46	43.23 -0.55 -2.13	48.98 -0.54 -2.28	43.60 -0.36 -1.86	39.82 -0.10 -1.56	37.12 -0.16 -1.38	39.19 -0.33 -1.53	39.78 -0.37 -1.59	34.09 -0.36 -1.14	31.36 -0.33 -0.86	29.65 -0.31 -0.45
CARTHAGE___PAPER 23857	22.74 0.69 0.00	22.52 0.65 0.00	20.81 0.54 0.00	20.64 0.54 0.00	23.10 0.61 0.00	29.77 0.90 0.00	32.82 1.18 0.00	32.22 1.09 -0.26	35.21 1.16 -1.66	35.76 0.98 -1.72	35.68 0.77 -1.70	42.19 0.47 -2.40	35.42 0.10 -1.76	39.14 -0.04 -2.16	44.15 -0.37 -2.87	50.06 -0.55 -3.38	44.41 -0.44 -2.76	40.75 0.09 -2.31	38.67 0.73 -2.04	41.59 1.33 -2.27	42.46 1.55 -2.35	36.35 1.35 -1.69	33.31 1.21 -1.27	31.21 1.04 -0.66
CASSADAGA_WT_PWR 323784	23.50 1.45 0.00	23.28 1.40 0.00	21.24 0.98 0.00	21.08 0.98 0.00	23.78 1.29 0.00	30.79 1.92 0.00	33.77 2.12 0.00	32.63 1.76 0.00	33.78 1.39 0.00	34.06 0.99 0.00	34.37 1.15 0.00	40.79 1.48 0.00	34.70 1.13 0.00	38.26 1.24 0.00	42.91 0.77 -0.49	48.48 1.24 0.00	43.25 1.15 0.00	40.36 2.01 0.00	37.54 1.64 0.00	39.11 1.13 0.00	39.89 1.33 0.00	34.62 1.31 0.00	32.27 1.44 0.00	30.54 1.04 0.00
CE_DUNWOOD___DRP 24194	26.23 0.77 -3.41	22.65 0.77 0.00	21.04 0.78 0.00	20.83 0.73 0.00	23.34 0.85 0.00	30.11 1.05 -0.20	33.36 1.37 -0.34	32.44 1.50 -0.07	33.91 1.51 0.00	34.81 1.75 0.00	35.11 1.89 0.00	42.50 2.32 -0.87	35.93 2.16 -0.20	39.45 2.36 -0.06	49.72 2.79 -5.28	50.49 3.26 0.00	45.01 2.91 0.00	41.11 2.77 0.00	38.38 2.47 0.00	40.14 2.15 0.00	40.55 1.99 0.00	35.24 1.84 -0.09	32.59 1.63 -0.13	31.13 1.63 0.00
CE_MILLWOOD___DRP 24193	26.16 0.72 -3.39	22.60 0.72 0.00	21.00 0.74 0.00	20.79 0.69 0.00	23.29 0.80 0.00	30.05 0.99 -0.19	33.29 1.31 -0.34	32.37 1.43 -0.07	33.83 1.44 0.00	34.73 1.67 0.00	35.01 1.80 0.00	42.38 2.20 -0.86	35.83 2.06 -0.20	39.35 2.26 -0.06	49.59 2.69 -5.24	50.38 3.14 0.00	44.91 2.81 0.00	41.03 2.68 0.00	38.29 2.39 0.00	40.06 2.07 0.00	40.47 1.91 0.00	35.16 1.76 -0.09	32.51 1.55 -0.13	31.07 1.56 0.00
CE_NYC2_DRP 24202	26.36 0.89 -3.42	22.76 0.89 0.00	21.16 0.89 0.00	20.94 0.84 0.00	23.45 0.96 0.00	30.25 1.18 -0.20	33.53 1.54 -0.34	32.58 1.64 -0.07	34.02 1.63 0.00	34.96 1.90 0.00	35.23 2.02 0.00	42.63 2.44 -0.87	36.08 2.31 -0.21	39.53 2.44 -0.06	49.77 2.82 -5.30	50.54 3.30 0.00	45.04 2.94 0.00	41.13 2.78 0.00	38.47 2.56 0.00	40.12 2.13 0.00	40.59 2.03 0.00	35.44 2.04 -0.09	32.78 1.81 -0.13	31.31 1.81 0.00
CE_NYC_DRP 24195	26.35 0.88 -3.42	22.75 0.88 0.00	21.16 0.89 0.00	20.94 0.84 0.00	23.47 0.97 0.00	30.26 1.20 -0.20	33.53 1.54 -0.34	32.61 1.67 -0.07	34.09 1.70 0.00	35.07 2.01 0.00	35.37 2.16 0.00	42.83 2.64 -0.87	36.22 2.45 -0.21	39.73 2.64 -0.06	50.02 3.07 -5.30	50.82 3.59 0.00	45.28 3.18 0.00	41.34 2.99 0.00	38.59 2.68 0.00	40.28 2.30 0.00	40.73 2.17 0.00	35.52 2.11 -0.09	32.85 1.89 -0.13	31.37 1.87 0.00
CHAFFEE___LFGE 323603	23.05 1.00 0.00	22.81 0.93 0.00	20.81 0.55 0.00	20.68 0.57 0.00	23.32 0.83 0.00	30.17 1.30 0.00	32.87 1.22 0.00	31.58 0.71 0.00	32.69 0.30 0.00	32.91 -0.16 0.00	33.23 0.02 0.00	39.44 0.13 0.00	33.53 -0.04 0.00	36.95 -0.08 0.00	41.41 -0.71 -0.48	46.79 -0.44 0.00	41.79 -0.31 0.00	38.99 0.64 0.00	36.36 0.46 0.00	37.94 -0.05 0.00	38.70 0.14 0.00	33.64 0.33 0.00	31.44 0.61 0.00	29.79 0.28 0.00
CHATEAUG_35_KV_LOAD 355732	22.49 0.44 0.00	22.33 0.46 0.00	20.63 0.37 0.00	20.46 0.36 0.00	22.79 0.30 0.00	29.24 0.36 0.00	32.10 0.46 0.00	31.68 0.81 0.00	33.40 1.00 0.00	33.88 0.82 0.00	33.90 0.69 0.00	39.90 0.59 0.00	33.98 0.42 0.00	37.44 0.41 0.00	42.15 0.50 0.00	47.76 0.52 0.00	42.61 0.52 0.00	38.50 0.15 0.00	36.20 0.29 0.00	38.80 0.81 0.00	39.53 0.97 0.00	34.03 0.72 0.00	31.55 0.72 0.00	30.20 0.70 0.00
CHATEAUG_WT_PWR 323614	22.49 0.44 0.00	22.34 0.46 0.00	20.64 0.38 0.00	20.46 0.36 0.00	22.79 0.30 0.00	29.24 0.36 0.00	32.10 0.46 0.00	31.70 0.83 0.00	33.40 1.01 0.00	33.87 0.81 0.00	33.87 0.66 0.00	39.84 0.53 0.00	33.94 0.37 0.00	37.41 0.38 0.00	42.14 0.49 0.00	47.73 0.49 0.00	42.58 0.49 0.00	38.53 0.18 0.00	36.16 0.26 0.00	38.72 0.74 0.00	39.46 0.90 0.00	33.95 0.64 0.00	31.49 0.66 0.00	30.18 0.67 0.00
CHAT_HIGH_FALL_HYD 323578	22.49 0.44 0.00	22.33 0.46 0.00	20.63 0.37 0.00	20.46 0.36 0.00	22.79 0.30 0.00	29.24 0.36 0.00	32.10 0.46 0.00	31.69 0.81 0.00	33.40 1.00 0.00	33.88 0.82 0.00	33.90 0.69 0.00	39.90 0.59 0.00	33.99 0.42 0.00	37.44 0.41 0.00	42.15 0.50 0.00	47.76 0.52 0.00	42.61 0.52 0.00	38.50 0.15 0.00	36.20 0.29 0.00	38.79 0.81 0.00	39.53 0.97 0.00	34.03 0.72 0.00	31.55 0.72 0.00	30.20 0.70 0.00
CHAUTAUQUA___LFGE 323629	23.24 1.19 0.00	23.02 1.14 0.00	21.00 0.74 0.00	20.85 0.75 0.00	23.51 1.02 0.00	30.42 1.55 0.00	33.28 1.63 0.00	32.08 1.21 0.00	33.17 0.78 0.00	33.40 0.34 0.00	33.71 0.50 0.00	40.05 0.73 0.00	34.06 0.49 0.00	37.54 0.51 0.00	42.12 -0.01 -0.48	47.60 0.36 0.00	42.44 0.34 0.00	39.62 1.28 0.00	36.90 0.99 0.00	38.45 0.46 0.00	39.24 0.69 0.00	34.08 0.77 0.00	31.80 0.97 0.00	30.11 0.61 0.00
CHERRYST_13_KV_LD 356241	26.44 0.96 -3.42	22.84 0.96 0.00	21.23 0.96 0.00	21.02 0.92 0.00	23.55 1.06 0.00	30.38 1.32 -0.20	33.68 1.69 -0.34	32.76 1.82 -0.07	34.26 1.87 0.00	35.25 2.19 0.00	35.56 2.35 0.00	43.04 2.85 -0.87	36.41 2.63 -0.21	39.93 2.84 -0.06	50.24 3.29 -5.30	51.09 3.86 0.00	45.51 3.42 0.00	41.55 3.20 0.00	38.76 2.86 0.00	40.44 2.45 0.00	40.89 2.33 0.00	35.65 2.25 -0.09	32.96 2.00 -0.13	31.48 1.97 0.00
CHESTROR_138KV_BK263 355645	25.41 0.57 -2.80	22.45 0.57 0.00	20.85 0.59 0.00	20.65 0.55 0.00	23.13 0.64 0.00	29.81 0.78 -0.16	32.99 1.06 -0.28	32.09 1.17 -0.05	33.55 1.15 0.00	34.38 1.31 0.00	34.64 1.43 0.00	41.82 1.79 -0.72	35.39 1.65 -0.17	38.89 1.82 -0.05	48.50 2.18 -4.67	49.83 2.60 0.00	44.43 2.34 0.00	40.60 2.25 0.00	37.90 2.00 0.00	39.73 1.75 0.00	40.16 1.60 0.00	34.81 1.43 -0.07	32.17 1.23 -0.11	30.74 1.24 0.00
CH_MIDHUDSON___DRP 24192	25.04 0.71 -2.28	22.60 0.72 0.00	20.99 0.73 0.00	20.79 0.69 0.00	23.27 0.78 0.00	29.97 0.97 -0.13	33.15 1.27 -0.23	32.34 1.42 -0.04	33.87 1.48 0.00	34.75 1.69 0.00	34.99 1.78 0.00	42.06 2.18 -0.57	35.73 2.03 -0.13	39.33 2.26 -0.04	49.86 2.75 -5.46	50.44 3.20 0.00	44.97 2.87 0.00	41.07 2.72 0.00	38.33 2.42 0.00	40.19 2.21 0.00	40.62 2.06 0.00	35.13 1.76 -0.06	32.45 1.54 -0.09	31.03 1.52 0.00

CH_MISC_IPPS 23765	25.47 0.88 -2.54	22.75 0.88 0.00	21.13 0.86 0.00	20.92 0.82 0.00	23.43 0.94 0.00	30.20 1.18 -0.15	33.43 1.53 -0.25	32.58 1.67 -0.05	34.10 1.71 0.00	34.98 1.92 0.00	35.24 2.03 0.00	42.47 2.51 -0.64	36.02 2.30 -0.15	39.64 2.56 -0.05	50.05 3.10 -5.30	50.86 3.63 0.00	45.34 3.25 0.00	41.41 3.06 0.00	38.65 2.74 0.00	40.51 2.52 0.00	40.92 2.36 0.00	35.43 2.05 -0.07	32.70 1.77 -0.10	31.23 1.73 0.00
CH_RES_BVR_FALLS 23983	21.88 -0.17 0.00	21.71 -0.16 0.00	20.09 -0.17 0.00	19.94 -0.16 0.00	22.29 -0.20 0.00	28.60 -0.27 0.00	31.30 -0.35 0.00	30.54 -0.34 0.00	32.17 -0.23 0.00	32.80 -0.26 0.00	32.91 -0.30 0.00	38.94 -0.37 0.00	33.22 -0.34 0.00	36.63 -0.40 0.00	41.21 -0.44 0.00	46.78 -0.45 0.00	41.65 -0.45 0.00	37.76 -0.59 0.00	35.42 -0.49 0.00	37.61 -0.38 0.00	38.25 -0.31 0.00	33.10 -0.21 0.00	30.67 -0.15 0.00	29.35 -0.16 0.00
CH_RES_NIAGARA 23895	22.62 0.58 0.00	22.36 0.49 0.00	20.40 0.13 0.00	20.29 0.19 0.00	22.91 0.41 0.00	29.63 0.76 0.00	32.11 0.46 0.00	30.63 -0.25 0.00	31.48 -0.92 0.00	31.56 -1.50 0.00	31.90 -1.31 0.00	37.81 -1.50 0.00	32.10 -1.46 0.01	35.35 -1.68 0.00	39.53 -2.54 -0.41	44.68 -2.54 0.02	39.90 -2.19 0.01	37.30 -1.05 0.00	34.85 -1.06 0.00	36.36 -1.63 0.00	37.11 -1.45 0.00	32.42 -0.89 0.00	30.43 -0.40 0.00	28.99 -0.51 0.00
CH_RES_SYRACUSE 23985	22.31 0.26 0.00	22.14 0.26 0.00	20.47 0.20 0.00	20.29 0.18 0.00	22.72 0.23 0.00	29.25 0.38 0.00	32.06 0.41 0.00	31.48 0.25 -0.36	34.78 0.12 -2.27	35.43 0.02 -2.35	35.57 0.04 -2.32	42.63 0.03 -3.29	36.01 0.04 -2.40	40.01 0.03 -2.95	45.61 -0.08 -4.04	51.86 0.01 -4.62	45.90 0.03 -3.77	41.77 0.25 -3.17	38.86 0.16 -2.80	41.11 0.01 -3.11	41.76 -0.01 -3.21	35.55 -0.07 -2.31	32.49 -0.07 -1.74	30.29 -0.12 -0.91
CLINTON_WT_PWR 323605	22.49 0.44 0.00	22.34 0.46 0.00	20.64 0.38 0.00	20.46 0.36 0.00	22.79 0.30 0.00	29.24 0.36 0.00	32.10 0.46 0.00	31.70 0.83 0.00	33.40 1.01 0.00	33.87 0.81 0.00	33.87 0.66 0.00	39.84 0.53 0.00	33.94 0.37 0.00	37.41 0.38 0.00	42.14 0.49 0.00	47.73 0.49 0.00	42.58 0.49 0.00	38.53 0.18 0.00	36.16 0.26 0.00	38.72 0.74 0.00	39.46 0.90 0.00	33.95 0.64 0.00	31.49 0.66 0.00	30.18 0.67 0.00
CLINTON__LFGE 323618	22.74 0.69 0.00	22.57 0.70 0.00	20.86 0.59 0.00	20.67 0.57 0.00	23.00 0.51 0.00	29.52 0.64 0.00	32.48 0.83 0.00	32.20 1.33 0.00	33.91 1.52 0.00	34.35 1.28 0.00	34.33 1.12 0.00	40.32 1.01 0.00	34.34 0.77 0.00	37.84 0.81 0.00	42.64 0.99 0.00	48.26 1.03 0.00	43.10 1.01 0.00	39.01 0.66 0.00	36.62 0.71 0.00	39.26 1.28 0.00	40.04 1.48 0.00	34.42 1.11 0.00	31.90 1.07 0.00	30.56 1.06 0.00
COBBLENY_34_KV_TB1 80064	23.06 1.02 0.00	22.81 0.93 0.00	20.82 0.55 0.00	20.68 0.57 0.00	23.32 0.83 0.00	30.17 1.30 0.00	32.86 1.21 0.00	31.58 0.71 0.00	32.69 0.30 0.00	32.92 -0.15 0.00	33.24 0.02 0.00	39.45 0.13 0.00	33.52 -0.05 0.00	36.95 -0.08 0.00	41.41 -0.72 -0.48	46.79 -0.44 0.00	41.78 -0.32 0.00	38.97 0.62 0.00	36.36 0.45 0.00	37.93 -0.06 0.00	38.67 0.11 0.00	33.64 0.33 0.00	31.45 0.62 0.00	29.79 0.28 0.00
COFFEEN__115KV_TB3 355620	22.94 0.89 0.00	22.70 0.83 0.00	20.97 0.70 0.00	20.79 0.69 0.00	23.30 0.80 0.00	30.07 1.20 0.00	33.19 1.54 0.00	32.60 1.42 -0.32	35.85 1.44 -2.02	36.34 1.18 -2.10	36.23 0.95 -2.07	42.75 0.51 -2.93	35.79 0.08 -2.14	39.56 -0.09 -2.63	44.69 -0.45 -3.49	50.69 -0.66 -4.11	44.91 -0.54 -3.36	41.27 0.10 -2.82	39.17 0.78 -2.49	42.44 1.68 -2.77	43.43 2.01 -2.86	37.07 1.71 -2.06	33.89 1.51 -1.55	31.56 1.25 -0.81
COLDSPRG_115KV_BK1 355956	23.53 1.48 0.00	23.34 1.47 0.00	21.34 1.08 0.00	21.17 1.07 0.00	23.88 1.39 0.00	30.91 2.04 0.00	33.98 2.34 0.00	32.86 1.99 0.00	34.09 1.70 0.00	34.40 1.33 0.00	34.70 1.49 0.00	41.08 1.76 0.00	34.93 1.36 0.00	38.53 1.50 0.00	43.27 1.12 -0.50	48.81 1.58 0.00	43.52 1.42 0.00	40.56 2.21 0.00	37.70 1.80 0.00	39.27 1.28 0.00	40.01 1.45 0.00	34.76 1.45 0.00	32.41 1.58 0.00	30.75 1.24 0.00
COLONIE_LFGE__ 323577	17.16 0.47 5.36	22.33 0.45 0.00	20.75 0.48 0.00	20.58 0.48 0.00	23.02 0.53 0.00	29.19 0.63 0.31	31.96 0.86 0.55	33.93 1.20 -1.86	61.23 1.35 -27.48	63.67 1.49 -29.12	34.53 1.33 0.00	39.33 1.52 1.50	34.48 1.27 0.36	38.44 1.51 0.11	50.46 1.97 -6.83	49.28 2.05 0.00	44.01 1.92 0.00	40.12 1.77 0.00	37.47 1.56 0.00	39.67 1.69 0.00	40.15 1.58 0.00	34.24 1.08 0.16	31.55 0.96 0.23	30.55 1.04 0.00
COOPERNY_115KV_TB1 80082	24.11 0.41 -1.64	22.30 0.43 0.00	20.71 0.44 0.00	20.51 0.41 0.00	22.97 0.48 0.00	29.55 0.58 -0.09	32.61 0.79 -0.17	31.79 0.89 -0.03	33.25 0.86 0.00	34.04 0.98 0.00	34.27 1.06 0.00	41.02 1.26 -0.44	34.84 1.17 -0.10	38.33 1.27 -0.03	46.24 1.50 -3.10	49.04 1.80 0.00	43.73 1.63 0.00	39.98 1.63 0.00	37.35 1.45 0.00	39.21 1.23 0.00	39.69 1.13 0.00	34.38 1.02 -0.05	31.77 0.88 -0.07	30.39 0.88 0.00
COPENHAGEN_WT_PWR 323753	22.71 0.66 0.00	22.48 0.61 0.00	20.77 0.50 0.00	20.60 0.50 0.00	23.08 0.59 0.00	29.75 0.88 0.00	32.79 1.14 0.00	32.22 1.01 -0.33	35.53 1.01 -2.12	36.06 0.80 -2.20	36.00 0.62 -2.17	42.62 0.24 -3.06	35.73 -0.08 -2.24	39.55 -0.23 -2.75	44.74 -0.56 -3.65	50.75 -0.80 -4.31	44.90 -0.72 -3.52	41.14 -0.16 -2.95	38.92 0.41 -2.60	41.85 0.96 -2.90	42.83 1.28 -3.00	36.63 1.17 -2.15	33.51 1.06 -1.62	31.22 0.86 -0.85
CORNELL____ 23752	22.81 0.76 0.00	22.60 0.73 0.00	20.87 0.61 0.00	20.71 0.60 0.00	23.21 0.72 0.00	29.89 1.02 0.00	32.86 1.21 0.00	32.18 1.12 -0.19	34.59 1.00 -1.20	35.19 0.88 -1.25	35.40 0.95 -1.23	42.24 1.16 -1.76	35.85 0.99 -1.29	39.65 1.03 -1.58	45.25 0.98 -2.62	50.90 1.19 -2.48	45.23 1.11 -2.03	41.44 1.39 -1.70	38.65 1.24 -1.50	40.80 1.14 -1.67	41.43 1.15 -1.72	35.46 0.91 -1.24	32.56 0.80 -0.93	30.62 0.62 -0.49
CORONAAV_69_KV_TB1 355595	26.64 1.17 -3.42	23.05 1.17 0.00	21.43 1.17 0.00	21.21 1.11 0.00	23.78 1.29 0.00	30.70 1.64 -0.20	33.87 1.87 -0.34	32.88 1.94 -0.07	34.36 1.97 0.00	35.28 2.22 0.00	35.76 2.55 0.00	43.06 2.87 -0.87	36.58 2.80 -0.21	40.14 3.05 -0.06	50.51 3.56 -5.30	51.45 4.21 0.00	45.72 3.62 0.00	41.97 3.62 0.00	39.07 3.16 0.00	40.76 2.77 0.00	41.18 2.62 0.00	35.89 2.49 -0.09	33.19 2.22 -0.13	31.67 2.16 0.00
CORTLAND_115KV_TB3 80093	22.57 0.52 0.00	22.37 0.50 0.00	20.68 0.41 0.00	20.51 0.40 0.00	22.99 0.50 0.00	29.57 0.70 0.00	32.50 0.85 0.00	31.83 0.76 -0.20	34.31 0.66 -1.25	34.93 0.57 -1.30	35.12 0.62 -1.29	41.91 0.77 -1.83	35.54 0.64 -1.34	39.34 0.67 -1.64	44.82 0.59 -2.58	50.52 0.72 -2.57	44.88 0.68 -2.10	41.07 0.96 -1.76	38.30 0.84 -1.56	40.42 0.70 -1.73	41.06 0.72 -1.79	35.16 0.56 -1.29	32.29 0.49 -0.97	30.38 0.37 -0.51

COXSACKIE___GT 23611	21.41 1.21 1.86	23.00 1.12 0.00	21.35 1.08 0.00	21.18 1.07 0.00	23.71 1.22 0.00	30.43 1.66 0.11	33.59 2.14 0.19	32.73 2.51 0.65	26.64 2.61 8.37	26.82 2.64 8.88	35.40 2.19 0.00	41.41 2.65 0.57	35.57 2.14 0.13	39.92 2.93 0.04	51.44 3.42 -6.37	50.49 3.26 0.00	44.96 2.87 0.00	41.68 3.33 0.00	39.17 3.27 0.00	41.58 3.60 0.00	41.99 3.43 0.00	35.79 2.54 0.06	32.90 2.16 0.09	31.49 1.99 0.00
CPV_VALLEY___CC1 323721	24.86 0.41 -2.40	22.31 0.43 0.00	20.72 0.46 0.00	20.52 0.41 0.00	22.98 0.48 0.00	29.58 0.57 -0.14	32.71 0.82 -0.24	31.84 0.92 -0.05	33.29 0.89 0.00	34.12 1.05 0.00	34.36 1.16 0.00	41.39 1.45 -0.62	35.08 1.36 -0.15	38.57 1.49 -0.04	47.57 1.81 -4.11	49.38 2.15 0.00	44.03 1.93 0.00	40.22 1.87 0.00	37.57 1.66 0.00	39.39 1.40 0.00	39.81 1.25 0.00	34.52 1.14 -0.06	31.90 0.98 -0.10	30.50 1.00 0.00
CPV_VALLEY___CC2 323722	24.86 0.41 -2.40	22.31 0.43 0.00	20.72 0.46 0.00	20.52 0.41 0.00	22.98 0.48 0.00	29.58 0.57 -0.14	32.71 0.82 -0.24	31.84 0.92 -0.05	33.29 0.89 0.00	34.12 1.05 0.00	34.36 1.16 0.00	41.39 1.45 -0.62	35.08 1.36 -0.15	38.57 1.49 -0.04	47.57 1.81 -4.11	49.38 2.15 0.00	44.03 1.93 0.00	40.22 1.87 0.00	37.57 1.66 0.00	39.39 1.40 0.00	39.81 1.25 0.00	34.52 1.14 -0.06	31.90 0.98 -0.10	30.50 1.00 0.00
CRESCENT___HYD 24018	17.16 0.47 5.36	22.33 0.45 0.00	20.75 0.48 0.00	20.58 0.48 0.00	23.02 0.53 0.00	29.19 0.63 0.31	31.96 0.86 0.55	33.93 1.20 -1.86	61.23 1.35 -27.48	63.67 1.49 -29.12	34.53 1.33 0.00	39.33 1.52 1.50	34.48 1.27 0.36	38.44 1.51 0.11	50.46 1.97 -6.83	49.28 2.05 0.00	44.01 1.92 0.00	40.12 1.77 0.00	37.47 1.56 0.00	39.67 1.69 0.00	40.15 1.58 0.00	34.24 1.08 0.16	31.55 0.96 0.23	30.55 1.04 0.00
CRICKET___VALLEY_CC1 323756	-30.12 0.33 52.50	22.23 0.36 0.00	20.67 0.40 0.00	20.49 0.39 0.00	22.91 0.41 0.00	26.32 0.46 3.01	27.03 0.70 5.32	30.66 0.87 1.08	33.31 0.92 0.00	34.21 1.15 0.00	34.40 1.19 0.00	26.59 1.44 14.16	31.59 1.37 3.35	37.59 1.56 1.00	49.43 2.05 -5.73	49.59 2.36 0.00	44.27 2.17 0.00	40.38 2.04 0.00	37.68 1.78 0.00	39.57 1.58 0.00	40.01 1.45 0.00	32.97 1.14 1.48	29.61 0.96 2.18	30.53 1.02 0.00
CRICKET___VALLEY_CC2 323757	-30.12 0.33 52.50	22.23 0.36 0.00	20.67 0.40 0.00	20.49 0.39 0.00	22.91 0.41 0.00	26.32 0.46 3.01	27.03 0.70 5.32	30.66 0.87 1.08	33.31 0.92 0.00	34.21 1.15 0.00	34.40 1.19 0.00	26.59 1.44 14.16	31.59 1.37 3.35	37.59 1.56 1.00	49.43 2.05 -5.73	49.59 2.36 0.00	44.27 2.17 0.00	40.38 2.04 0.00	37.68 1.78 0.00	39.57 1.58 0.00	40.01 1.45 0.00	32.97 1.14 1.48	29.61 0.96 2.18	30.53 1.02 0.00
CRICKET___VALLEY_CC3 323758	-30.12 0.33 52.50	22.23 0.36 0.00	20.67 0.40 0.00	20.49 0.39 0.00	22.91 0.41 0.00	26.32 0.46 3.01	27.03 0.70 5.32	30.66 0.87 1.08	33.31 0.92 0.00	34.21 1.15 0.00	34.40 1.19 0.00	26.59 1.44 14.16	31.59 1.37 3.35	37.59 1.56 1.00	49.43 2.05 -5.73	49.59 2.36 0.00	44.27 2.17 0.00	40.38 2.04 0.00	37.68 1.78 0.00	39.57 1.58 0.00	40.01 1.45 0.00	32.97 1.14 1.48	29.61 0.96 2.18	30.53 1.02 0.00
CRUCIBLE_METL_DRP 24180	22.31 0.26 0.00	22.13 0.26 0.00	20.47 0.20 0.00	20.29 0.19 0.00	22.72 0.23 0.00	29.25 0.38 0.00	32.06 0.41 0.00	31.48 0.25 -0.36	34.78 0.12 -2.27	35.43 0.01 -2.35	35.57 0.04 -2.32	42.63 0.03 -3.29	36.01 0.04 -2.40	40.01 0.03 -2.95	45.61 -0.08 -4.04	51.86 0.01 -4.62	45.90 0.03 -3.77	41.76 0.24 -3.17	38.86 0.16 -2.80	41.11 0.01 -3.11	41.76 -0.02 -3.21	35.55 -0.07 -2.31	32.49 -0.07 -1.74	30.29 -0.12 -0.91
DAHOWA___HYDRO 323763	18.28 0.76 4.54	22.59 0.72 0.00	20.98 0.72 0.00	20.81 0.71 0.00	23.30 0.81 0.00	29.69 1.08 0.26	32.70 1.51 0.46	33.63 1.85 -0.91	48.37 2.01 -13.97	50.05 2.18 -14.80	35.24 2.03 0.00	40.34 2.31 1.28	35.16 1.90 0.30	39.08 2.15 0.09	51.06 2.52 -6.89	49.89 2.65 0.00	44.59 2.49 0.00	40.73 2.38 0.00	38.04 2.14 0.00	40.22 2.23 0.00	40.73 2.16 0.00	34.76 1.58 0.13	31.97 1.34 0.20	30.94 1.44 0.00
DANC___LFGE 323619	22.43 0.38 0.00	22.21 0.34 0.00	20.53 0.27 0.00	20.37 0.26 0.00	22.82 0.33 0.00	29.39 0.52 0.00	32.31 0.66 0.00	31.81 0.52 -0.42	35.51 0.46 -2.65	36.09 0.28 -2.75	36.09 0.17 -2.71	42.99 -0.16 -3.84	36.05 -0.32 -2.81	40.02 -0.45 -3.44	45.46 -0.75 -4.56	51.70 -0.93 -5.39	45.60 -0.90 -4.40	41.64 -0.40 -3.69	39.13 -0.04 -3.26	41.88 0.26 -3.63	42.76 0.45 -3.75	36.45 0.45 -2.70	33.32 0.46 -2.03	30.89 0.32 -1.06
DANSKAMMER___1 23586	25.47 0.88 -2.54	22.75 0.88 0.00	21.13 0.86 0.00	20.92 0.82 0.00	23.43 0.94 0.00	30.20 1.18 -0.15	33.43 1.53 -0.25	32.58 1.67 -0.05	34.10 1.71 0.00	34.98 1.92 0.00	35.24 2.03 0.00	42.47 2.51 -0.64	36.02 2.30 -0.15	39.64 2.56 -0.05	50.05 3.10 -5.30	50.86 3.63 0.00	45.34 3.25 0.00	41.41 3.06 0.00	38.65 2.74 0.00	40.51 2.52 0.00	40.92 2.36 0.00	35.43 2.05 -0.07	32.70 1.77 -0.10	31.23 1.73 0.00
DANSKAMMER___2 23589	25.47 0.88 -2.54	22.75 0.88 0.00	21.13 0.86 0.00	20.92 0.82 0.00	23.43 0.94 0.00	30.20 1.18 -0.15	33.43 1.53 -0.25	32.58 1.67 -0.05	34.10 1.71 0.00	34.98 1.92 0.00	35.24 2.03 0.00	42.47 2.51 -0.64	36.02 2.30 -0.15	39.64 2.56 -0.05	50.05 3.10 -5.30	50.86 3.63 0.00	45.34 3.25 0.00	41.41 3.06 0.00	38.65 2.74 0.00	40.51 2.52 0.00	40.92 2.36 0.00	35.43 2.05 -0.07	32.70 1.77 -0.10	31.23 1.73 0.00
DANSKAMMER___3 23590	25.47 0.88 -2.54	22.75 0.88 0.00	21.13 0.86 0.00	20.92 0.82 0.00	23.43 0.94 0.00	30.20 1.18 -0.15	33.43 1.53 -0.25	32.58 1.67 -0.05	34.10 1.71 0.00	34.98 1.92 0.00	35.24 2.03 0.00	42.47 2.51 -0.64	36.02 2.30 -0.15	39.64 2.56 -0.05	50.05 3.10 -5.30	50.86 3.63 0.00	45.34 3.25 0.00	41.41 3.06 0.00	38.65 2.74 0.00	40.51 2.52 0.00	40.92 2.36 0.00	35.43 2.05 -0.07	32.70 1.77 -0.10	31.23 1.73 0.00
DANSKAMMER___4 23591	25.47 0.88 -2.54	22.75 0.88 0.00	21.13 0.86 0.00	20.92 0.82 0.00	23.43 0.94 0.00	30.20 1.18 -0.15	33.43 1.53 -0.25	32.58 1.67 -0.05	34.10 1.71 0.00	34.98 1.92 0.00	35.24 2.03 0.00	42.47 2.51 -0.64	36.02 2.30 -0.15	39.64 2.56 -0.05	50.05 3.10 -5.30	50.86 3.63 0.00	45.34 3.25 0.00	41.41 3.06 0.00	38.65 2.74 0.00	40.51 2.52 0.00	40.92 2.36 0.00	35.43 2.05 -0.07	32.70 1.77 -0.10	31.23 1.73 0.00
DANSKAMMER___DIESEL 23592	25.47 0.88 -2.54	22.75 0.88 0.00	21.13 0.86 0.00	20.92 0.82 0.00	23.43 0.94 0.00	30.20 1.18 -0.15	33.43 1.53 -0.25	32.58 1.66 -0.05	34.11 1.71 0.00	34.98 1.92 0.00	35.24 2.03 0.00	42.46 2.51 -0.64	36.03 2.30 -0.15	39.64 2.56 -0.05	50.05 3.10 -5.30	50.86 3.63 0.00	45.34 3.25 0.00	41.41 3.06 0.00	38.65 2.75 0.00	40.51 2.53 0.00	40.93 2.37 0.00	35.43 2.05 -0.07	32.70 1.77 -0.10	31.23 1.73 0.00

DARBY___SOLAR 323810	18.08 0.71 4.68	22.55 0.68 0.00	20.95 0.68 0.00	20.77 0.67 0.00	23.25 0.76 0.00	29.61 1.00 0.27	32.57 1.40 0.48	33.62 1.72 -1.03	50.01 1.87 -15.74	51.77 2.03 -16.68	35.08 1.87 0.00	40.12 2.13 1.32	35.02 1.76 0.31	38.94 2.01 0.09	50.87 2.34 -6.88	49.69 2.45 0.00	44.44 2.35 0.00	40.59 2.24 0.00	37.93 2.03 0.00	40.10 2.11 0.00	40.60 2.04 0.00	34.65 1.48 0.14	31.90 1.27 0.20	30.87 1.36 0.00
DASHVILLE___HYD 23610	23.78 0.59 -1.14	22.45 0.57 0.00	20.86 0.60 0.00	20.65 0.55 0.00	23.12 0.63 0.00	29.80 0.86 -0.07	32.89 1.13 -0.11	32.04 1.30 0.14	31.65 1.47 2.22	32.33 1.65 2.38	34.90 1.69 0.00	41.75 2.18 -0.25	35.63 2.00 -0.06	39.27 2.22 -0.02	49.77 2.65 -5.47	50.43 3.20 0.00	44.95 2.85 0.00	41.00 2.65 0.00	38.28 2.38 0.00	40.11 2.12 0.00	40.53 1.97 0.00	35.08 1.74 -0.03	32.38 1.51 -0.04	30.97 1.47 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	27.73 2.26 -3.42	24.10 2.23 0.00	22.44 2.17 0.00	22.21 2.11 0.00	24.92 2.43 0.00	32.27 3.20 -0.20	35.73 3.74 -0.34	34.84 3.90 -0.07	36.42 4.03 0.00	37.52 4.46 0.00	38.80 4.94 -0.65	45.85 5.66 -0.88	39.02 5.23 -0.22	212.91 5.75 -170.13	91.99 6.54 -43.80	54.96 7.70 -0.02	49.40 6.68 -0.63	44.87 6.45 -0.07	41.93 5.77 -0.25	43.42 5.44 0.00	43.81 5.25 0.00	37.93 4.53 -0.09	34.77 3.81 -0.13	32.99 3.49 0.00
DELAWARE___LFGE 323621	22.56 0.51 0.00	22.38 0.51 0.00	20.78 0.51 0.00	20.60 0.49 0.00	23.07 0.58 0.00	29.63 0.75 0.00	32.56 0.90 -0.02	31.81 0.85 -0.09	33.65 0.81 -0.45	34.37 0.84 -0.47	34.59 0.91 -0.47	41.36 1.15 -0.89	35.12 0.99 -0.56	38.74 1.08 -0.64	44.88 1.16 -2.07	49.59 1.37 -0.98	44.16 1.27 -0.80	40.45 1.43 -0.67	37.82 1.33 -0.59	39.83 1.18 -0.66	40.37 1.13 -0.68	34.77 0.95 -0.51	32.06 0.84 -0.40	30.46 0.76 -0.19
DERFIELD_115KV_TB7 355931	22.08 0.03 0.00	21.90 0.02 0.00	20.30 0.04 0.00	20.14 0.04 0.00	22.54 0.05 0.00	28.93 0.06 0.00	31.73 0.08 0.00	31.00 0.13 0.00	32.58 0.18 0.00	33.28 0.21 0.00	33.44 0.23 0.00	39.59 0.27 0.00	33.81 0.24 0.00	37.28 0.25 0.00	41.92 0.26 0.00	47.50 0.26 0.00	42.35 0.26 0.00	38.67 0.33 0.00	36.22 0.32 0.00	38.29 0.30 0.00	38.83 0.27 0.00	33.55 0.24 0.00	31.02 0.19 0.00	29.68 0.18 0.00
DOGLEVILLE___HYD 23807	21.86 -0.19 0.00	21.64 -0.23 0.00	20.12 -0.15 0.00	19.93 -0.17 0.00	22.32 -0.17 0.00	28.65 -0.22 0.00	31.70 0.05 0.00	31.23 0.36 0.00	32.96 0.57 0.00	33.86 0.79 0.00	34.05 0.84 0.00	40.23 0.92 0.00	34.34 0.77 0.00	37.86 0.83 0.00	42.85 1.19 0.00	48.24 1.01 0.00	43.18 1.08 0.00	39.59 1.24 0.00	37.05 1.14 0.00	39.22 1.23 0.00	39.65 1.09 0.00	33.95 0.64 0.00	31.24 0.41 0.00	29.91 0.41 0.00
DUNKIRK___115KV_TB_200 55889	23.21 1.16 0.00	22.98 1.10 0.00	20.96 0.69 0.00	20.81 0.71 0.00	23.46 0.97 0.00	30.36 1.49 0.00	33.20 1.55 0.00	32.00 1.13 0.00	33.09 0.69 0.00	33.32 0.26 0.00	33.62 0.41 0.00	39.93 0.62 0.00	33.96 0.39 0.00	37.43 0.40 0.00	41.99 -0.14 -0.48	47.46 0.22 0.00	42.30 0.20 0.00	39.49 1.14 0.00	36.78 0.88 0.00	38.34 0.35 0.00	39.12 0.56 0.00	33.99 0.68 0.00	31.74 0.91 0.00	30.04 0.54 0.00
DUNKIRK___1 23563	23.21 1.16 0.00	22.98 1.10 0.00	20.96 0.69 0.00	20.81 0.71 0.00	23.46 0.97 0.00	30.36 1.49 0.00	33.20 1.55 0.00	32.00 1.13 0.00	33.09 0.69 0.00	33.32 0.26 0.00	33.62 0.41 0.00	39.93 0.62 0.00	33.96 0.39 0.00	37.43 0.40 0.00	41.99 -0.14 -0.48	47.46 0.22 0.00	42.30 0.20 0.00	39.49 1.14 0.00	36.78 0.88 0.00	38.34 0.35 0.00	39.12 0.56 0.00	33.99 0.68 0.00	31.74 0.91 0.00	30.04 0.54 0.00
DUNKIRK___2 23564	23.21 1.16 0.00	22.98 1.10 0.00	20.96 0.69 0.00	20.81 0.71 0.00	23.46 0.97 0.00	30.36 1.49 0.00	33.20 1.55 0.00	32.00 1.13 0.00	33.09 0.69 0.00	33.32 0.26 0.00	33.62 0.41 0.00	39.93 0.62 0.00	33.96 0.39 0.00	37.43 0.40 0.00	41.99 -0.14 -0.48	47.46 0.22 0.00	42.30 0.20 0.00	39.49 1.14 0.00	36.78 0.88 0.00	38.34 0.35 0.00	39.12 0.56 0.00	33.99 0.68 0.00	31.74 0.91 0.00	30.04 0.54 0.00
DUNKIRK___3 23565	23.06 1.02 0.00	22.84 0.97 0.00	20.85 0.59 0.00	20.71 0.61 0.00	23.34 0.85 0.00	30.18 1.31 0.00	33.03 1.38 0.00	31.83 0.96 0.00	32.92 0.52 0.00	33.17 0.11 0.00	33.45 0.25 0.00	39.72 0.41 0.00	33.76 0.19 0.00	37.23 0.20 0.00	41.79 -0.34 -0.48	47.20 -0.03 0.00	42.06 -0.04 0.00	39.24 0.89 0.00	36.54 0.64 0.00	38.09 0.10 0.00	38.86 0.30 0.00	33.78 0.47 0.00	31.54 0.71 0.00	29.89 0.38 0.00
DUNKIRK___4 23566	23.18 1.14 0.00	22.94 1.07 0.00	20.94 0.67 0.00	20.79 0.69 0.00	23.45 0.95 0.00	30.33 1.46 0.00	33.14 1.49 0.00	31.90 1.03 0.00	32.99 0.60 0.00	33.22 0.16 0.00	33.53 0.32 0.00	39.81 0.50 0.00	33.85 0.28 0.00	37.30 0.27 0.00	41.83 -0.29 -0.47	47.28 0.04 0.00	42.15 0.05 0.00	39.34 0.99 0.00	36.66 0.75 0.00	38.22 0.23 0.00	38.98 0.42 0.00	33.90 0.58 0.00	31.66 0.83 0.00	29.99 0.49 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	26.29 0.82 -3.42	22.70 0.82 0.00	21.09 0.82 0.00	20.87 0.77 0.00	23.39 0.89 0.00	30.17 1.10 -0.20	33.42 1.43 -0.34	32.50 1.56 -0.07	33.97 1.58 0.00	34.90 1.83 0.00	35.19 1.98 0.00	42.59 2.40 -0.87	36.01 2.23 -0.21	39.54 2.45 -0.06	49.83 2.88 -5.30	50.59 3.36 0.00	45.09 3.00 0.00	41.19 2.84 0.00	38.44 2.53 0.00	40.20 2.21 0.00	40.62 2.06 0.00	35.32 1.92 -0.09	32.67 1.71 -0.13	31.21 1.71 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	25.28 0.69 -2.54	22.57 0.70 0.00	20.97 0.70 0.00	20.76 0.66 0.00	23.25 0.76 0.00	29.97 0.95 -0.15	33.17 1.27 -0.25	32.30 1.38 -0.05	33.79 1.39 0.00	34.63 1.57 0.00	34.90 1.69 0.00	42.05 2.10 -0.64	35.65 1.93 -0.15	39.21 2.14 -0.05	49.26 2.58 -5.03	50.30 3.06 0.00	44.84 2.75 0.00	40.96 2.61 0.00	38.25 2.34 0.00	40.08 2.09 0.00	40.50 1.93 0.00	35.08 1.71 -0.07	32.40 1.47 -0.10	30.96 1.46 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	26.32 0.85 -3.42	22.72 0.85 0.00	21.13 0.86 0.00	20.91 0.81 0.00	23.40 0.90 0.00	30.20 1.13 -0.20	33.49 1.49 -0.34	32.50 1.57 -0.07	33.97 1.58 0.00	34.88 1.82 0.00	35.16 1.95 0.00	42.55 2.37 -0.87	36.02 2.25 -0.21	39.47 2.38 -0.06	49.79 2.85 -5.30	50.57 3.33 0.00	45.10 3.00 0.00	41.17 2.82 0.00	38.48 2.57 0.00	40.16 2.17 0.00	40.65 2.09 0.00	35.39 1.99 -0.09	32.69 1.73 -0.13	31.24 1.73 0.00
E179THST_13_KV_LOAD 356214	26.45 0.98 -3.42	22.85 0.98 0.00	21.24 0.97 0.00	21.02 0.91 0.00	23.52 1.03 0.00	30.36 1.29 -0.20	33.67 1.68 -0.34	32.70 1.76 -0.07	34.17 1.78 0.00	35.09 2.02 0.00	35.38 2.17 0.00	42.81 2.63 -0.87	36.24 2.46 -0.21	39.72 2.63 -0.06	50.08 3.13 -5.30	50.89 3.65 0.00	45.39 3.30 0.00	41.42 3.08 0.00	38.72 2.82 0.00	40.40 2.41 0.00	40.89 2.33 0.00	35.60 2.20 -0.09	32.88 1.92 -0.13	31.41 1.91 0.00

EAST HAMPTON___GT 23717	28.08 2.61 -3.42	24.45 2.57 0.00	22.75 2.49 0.00	22.54 2.44 0.00	25.29 2.80 0.00	32.76 3.70 -0.20	36.31 4.31 -0.34	35.38 4.44 -0.07	37.02 4.62 0.00	38.18 5.12 0.00	39.50 5.64 -0.65	46.73 6.53 -0.88	39.77 5.98 -0.22	213.69 6.54 -170.13	92.77 7.32 -43.81	55.86 8.61 -0.02	50.21 7.49 -0.63	45.60 7.18 -0.07	42.63 6.48 -0.25	44.23 6.24 0.00	44.56 6.00 0.00	38.54 5.14 -0.09	35.29 4.33 -0.13	33.45 3.94 0.00
EAST RIVER___6 23660	26.38 0.90 -3.42	22.73 0.86 0.00	21.16 0.89 0.00	20.96 0.86 0.00	23.47 0.98 0.00	30.29 1.22 -0.20	33.55 1.56 -0.34	32.63 1.69 -0.07	34.15 1.75 0.00	35.14 2.08 0.00	35.44 2.23 0.00	42.93 2.74 -0.87	36.31 2.53 -0.21	39.82 2.73 -0.06	50.13 3.18 -5.30	50.96 3.72 0.00	45.39 3.29 0.00	41.43 3.08 0.00	38.66 2.76 0.00	40.33 2.35 0.00	40.83 2.27 0.00	35.59 2.18 -0.09	32.86 1.91 -0.13	31.39 1.88 0.00
EAST RIVER___7 23524	26.38 0.90 -3.42	22.73 0.86 0.00	21.16 0.89 0.00	20.96 0.86 0.00	23.47 0.98 0.00	30.29 1.22 -0.20	33.55 1.56 -0.34	32.63 1.69 -0.07	34.15 1.75 0.00	35.14 2.08 0.00	35.44 2.23 0.00	42.93 2.74 -0.87	36.31 2.53 -0.21	39.82 2.73 -0.06	50.13 3.18 -5.30	50.96 3.72 0.00	45.39 3.29 0.00	41.43 3.08 0.00	38.66 2.76 0.00	40.33 2.35 0.00	40.83 2.27 0.00	35.59 2.18 -0.09	32.86 1.91 -0.13	31.39 1.88 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	26.23 0.77 -3.41	22.65 0.77 0.00	21.04 0.78 0.00	20.83 0.73 0.00	23.34 0.85 0.00	30.11 1.05 -0.20	33.36 1.37 -0.34	32.44 1.50 -0.07	33.91 1.51 0.00	34.81 1.75 0.00	35.11 1.89 0.00	42.50 2.32 -0.87	35.93 2.16 -0.20	39.45 2.36 -0.06	49.72 2.79 -5.28	50.49 3.26 0.00	45.01 2.91 0.00	41.11 2.77 0.00	38.38 2.47 0.00	40.14 2.15 0.00	40.55 1.99 0.00	35.24 1.84 -0.09	32.59 1.63 -0.13	31.13 1.63 0.00
EAST_HAMPTON___DIESEL 23722	28.08 2.61 -3.42	24.45 2.57 0.00	22.75 2.49 0.00	22.54 2.44 0.00	25.29 2.80 0.00	32.76 3.70 -0.20	36.31 4.31 -0.34	35.38 4.45 -0.07	37.02 4.62 0.00	38.19 5.13 0.00	39.50 5.64 -0.65	46.73 6.54 -0.88	39.78 5.99 -0.22	213.70 6.55 -170.13	92.80 7.34 -43.80	55.87 8.62 -0.02	50.23 7.50 -0.63	45.62 7.20 -0.07	42.64 6.49 -0.25	44.23 6.24 0.00	44.57 6.01 0.00	38.54 5.14 -0.09	35.29 4.33 -0.13	33.45 3.95 0.00
EAST_PULASKI___ESR 323781	22.20 0.15 0.00	22.00 0.12 0.00	20.34 0.07 0.00	20.17 0.07 0.00	22.61 0.11 0.00	29.08 0.20 0.00	31.90 0.25 0.00	31.56 0.09 -0.60	36.19 -0.03 -3.82	36.88 -0.15 -3.97	36.91 -0.22 -3.92	44.35 -0.50 -5.54	37.08 -0.54 -4.05	41.35 -0.65 -4.97	47.26 -0.90 -6.52	53.98 -1.04 -7.78	47.43 -1.02 -6.35	43.07 -0.61 -5.33	40.17 -0.44 -4.70	42.86 -0.37 -5.24	43.66 -0.31 -5.41	36.96 -0.24 -3.89	33.64 -0.11 -2.93	30.87 -0.17 -1.53
EAST_RIVER___1 323558	26.36 0.89 -3.42	22.75 0.88 0.00	21.15 0.89 0.00	20.94 0.84 0.00	23.47 0.98 0.00	30.27 1.20 -0.20	33.53 1.54 -0.34	32.61 1.67 -0.07	34.09 1.70 0.00	35.08 2.02 0.00	35.37 2.16 0.00	42.84 2.65 -0.87	36.22 2.45 -0.21	39.73 2.64 -0.06	50.02 3.07 -5.30	50.82 3.59 0.00	45.28 3.18 0.00	41.34 2.99 0.00	38.59 2.68 0.00	40.28 2.30 0.00	40.73 2.17 0.00	35.52 2.11 -0.09	32.85 1.89 -0.13	31.37 1.87 0.00
EAST_RIVER___2 323559	26.38 0.90 -3.42	22.73 0.86 0.00	21.16 0.89 0.00	20.96 0.86 0.00	23.47 0.98 0.00	30.29 1.22 -0.20	33.55 1.56 -0.34	32.63 1.69 -0.07	34.15 1.75 0.00	35.14 2.08 0.00	35.44 2.23 0.00	42.93 2.74 -0.87	36.31 2.53 -0.21	39.82 2.73 -0.06	50.13 3.18 -5.30	50.96 3.72 0.00	45.39 3.29 0.00	41.43 3.08 0.00	38.66 2.76 0.00	40.33 2.35 0.00	40.83 2.27 0.00	35.59 2.18 -0.09	32.86 1.91 -0.13	31.39 1.88 0.00
EAST___DELAWARE_HYD 23607	24.11 0.42 -1.64	22.29 0.41 0.00	20.70 0.43 0.00	20.48 0.38 0.00	22.95 0.45 0.00	29.54 0.57 -0.09	32.68 0.87 -0.16	31.95 1.05 -0.03	33.46 1.07 0.00	34.28 1.22 0.00	34.53 1.31 0.00	41.23 1.50 -0.41	35.17 1.50 -0.10	38.59 1.53 -0.03	47.96 1.94 -4.37	49.81 2.57 0.00	44.37 2.28 0.00	40.57 2.22 0.00	37.88 1.98 0.00	39.76 1.77 0.00	40.18 1.62 0.00	34.77 1.41 -0.04	32.05 1.16 -0.06	30.62 1.11 0.00
EIGHT_POINT___WT_PWR 323820	23.20 1.15 0.00	22.98 1.10 0.00	21.07 0.80 0.00	20.92 0.81 0.00	23.55 1.06 0.00	30.40 1.53 0.00	33.36 1.71 0.00	32.37 1.50 0.00	33.54 1.15 0.00	33.80 0.74 0.00	34.11 0.90 0.00	40.39 1.07 0.00	34.43 0.87 0.00	37.95 0.92 0.00	42.68 0.46 -0.57	48.01 0.77 0.00	42.68 0.59 0.00	39.52 1.17 0.00	36.92 1.01 0.00	38.75 0.76 0.00	39.51 0.95 0.00	34.29 0.97 0.00	31.92 1.09 0.00	30.25 0.75 0.00
ELBRIDGE_115KV_TB2 80188	22.24 0.19 0.00	22.07 0.19 0.00	20.39 0.12 0.00	20.22 0.12 0.00	22.63 0.14 0.00	29.14 0.27 0.00	31.94 0.29 0.00	31.41 0.14 -0.40	34.88 -0.02 -2.51	35.54 -0.12 -2.60	35.69 -0.09 -2.57	42.80 -0.14 -3.63	36.13 -0.10 -2.66	40.17 -0.12 -3.26	45.86 -0.24 -4.45	52.15 -0.19 -5.10	46.11 -0.15 -4.17	41.95 0.11 -3.50	39.04 0.04 -3.09	41.30 -0.12 -3.43	41.94 -0.17 -3.55	35.67 -0.19 -2.55	32.58 -0.17 -1.92	30.28 -0.23 -1.00
ELEC_TRO_TEK 24086	26.47 0.99 -3.42	22.88 1.00 0.00	21.26 0.99 0.00	21.05 0.95 0.00	23.60 1.11 0.00	30.48 1.41 -0.20	33.64 1.65 -0.34	32.71 1.78 -0.07	34.19 1.80 0.00	35.10 2.04 0.00	35.53 2.32 0.00	42.79 2.61 -0.87	36.33 2.56 -0.21	39.87 2.78 -0.06	50.17 3.22 -5.30	51.06 3.82 0.00	45.38 3.28 0.00	41.64 3.29 0.00	38.78 2.87 0.00	40.47 2.48 0.00	40.90 2.34 0.00	35.62 2.22 -0.09	32.91 1.95 -0.13	31.40 1.89 0.00
ELLENBURG_WT_PWR 323604	22.49 0.44 0.00	22.34 0.46 0.00	20.64 0.38 0.00	20.46 0.36 0.00	22.79 0.30 0.00	29.24 0.36 0.00	32.10 0.46 0.00	31.70 0.83 0.00	33.40 1.01 0.00	33.87 0.81 0.00	33.87 0.66 0.00	39.84 0.53 0.00	33.94 0.37 0.00	37.41 0.38 0.00	42.14 0.49 0.00	47.73 0.49 0.00	42.58 0.49 0.00	38.53 0.18 0.00	36.16 0.26 0.00	38.72 0.74 0.00	39.46 0.90 0.00	33.95 0.64 0.00	31.49 0.66 0.00	30.18 0.67 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	23.04 0.99 0.00	22.78 0.91 0.00	20.79 0.53 0.00	20.66 0.56 0.00	23.31 0.81 0.00	30.16 1.28 0.00	32.82 1.17 0.00	31.47 0.60 0.00	32.53 0.13 0.00	32.74 -0.32 0.00	33.07 -0.14 0.00	39.22 -0.09 0.00	33.33 -0.24 0.00	36.70 -0.33 0.00	41.12 -0.99 -0.45	46.46 -0.77 0.00	41.46 -0.63 0.00	38.68 0.33 0.00	36.10 0.20 0.00	37.66 -0.33 0.00	38.38 -0.18 0.00	33.44 0.13 0.00	31.30 0.48 0.00	29.68 0.18 0.00
EMPIRE_CC_1 323656	15.18 0.06 6.93	21.94 0.06 0.00	20.40 0.14 0.00	20.22 0.12 0.00	22.61 0.11 0.00	28.57 0.10 0.40	31.19 0.24 0.71	29.85 0.47 1.49	14.24 0.54 18.69	13.95 0.70 19.81	33.85 0.64 0.00	38.17 0.78 1.93	33.78 0.67 0.46	37.75 0.86 0.14	49.50 1.27 -6.57	48.48 1.24 0.00	43.32 1.22 0.00	39.44 1.09 0.00	36.81 0.91 0.00	38.99 1.00 0.00	39.43 0.87 0.00	33.61 0.49 0.20	30.97 0.44 0.30	30.10 0.59 0.00

EMPIRE_CC_2 323658	15.18 0.06 6.93	21.94 0.06 0.00	20.40 0.14 0.00	20.22 0.12 0.00	22.61 0.11 0.00	28.57 0.10 0.40	31.19 0.24 0.71	29.85 0.47 1.49	14.24 0.54 18.69	13.95 0.70 19.81	33.85 0.64 0.00	38.17 0.78 1.93	33.78 0.67 0.46	37.75 0.86 0.14	49.50 1.27 -6.57	48.48 1.24 0.00	43.32 1.22 0.00	39.44 1.09 0.00	36.81 0.91 0.00	38.99 1.00 0.00	39.43 0.87 0.00	33.61 0.49 0.20	30.97 0.44 0.30	30.10 0.59 0.00
ENORWICH_115KV_TB1 80156	23.81 1.76 0.00	23.58 1.70 0.00	21.77 1.50 0.00	21.59 1.50 0.00	24.23 1.74 0.00	31.31 2.44 0.00	34.66 3.01 0.00	33.83 2.83 -0.13	36.06 2.81 -0.85	36.71 2.76 -0.89	37.02 2.91 -0.90	44.24 3.57 -1.35	37.42 2.86 -0.99	41.31 3.06 -1.22	46.96 2.90 -2.41	52.57 3.43 -1.90	46.94 3.29 -1.55	43.51 3.86 -1.30	40.88 3.82 -1.15	43.07 3.80 -1.28	43.68 3.80 -1.32	37.28 3.02 -0.95	34.20 2.66 -0.71	32.17 2.29 -0.38
ERIE_ST__34_KV_TB1-2 80199	23.13 1.08 0.00	22.89 1.01 0.00	20.89 0.62 0.00	20.75 0.64 0.00	23.40 0.91 0.00	30.28 1.41 0.00	33.03 1.38 0.00	31.76 0.88 0.00	32.90 0.50 0.00	33.16 0.10 0.00	33.51 0.29 0.00	39.73 0.41 0.00	33.78 0.21 0.00	37.24 0.21 0.00	41.75 -0.37 -0.47	47.18 -0.06 0.00	42.11 0.02 0.00	39.24 0.89 0.00	36.60 0.69 0.00	38.17 0.18 0.00	38.88 0.32 0.00	33.82 0.51 0.00	31.60 0.77 0.00	29.94 0.43 0.00
ERIE_WT_PWR 323693	23.12 1.07 0.00	22.89 1.01 0.00	20.88 0.62 0.00	20.75 0.65 0.00	23.40 0.91 0.00	30.27 1.40 0.00	33.00 1.35 0.00	31.67 0.80 0.00	32.75 0.36 0.00	32.95 -0.11 0.00	33.29 0.08 0.00	39.50 0.19 0.00	33.60 0.03 0.00	37.00 -0.03 0.00	41.47 -0.65 -0.46	46.85 -0.38 0.00	41.81 -0.28 0.00	39.01 0.66 0.00	36.39 0.48 0.00	37.97 -0.02 0.00	38.71 0.15 0.00	33.69 0.38 0.00	31.50 0.67 0.00	29.86 0.35 0.00
ESPRGFLD_115KV_TB1 80157	22.94 0.89 0.00	22.75 0.88 0.00	21.11 0.84 0.00	20.92 0.81 0.00	23.43 0.94 0.00	30.15 1.28 0.00	33.21 1.55 -0.02	32.48 1.52 -0.09	34.31 1.47 -0.44	35.05 1.54 -0.45	35.27 1.61 -0.45	42.15 1.96 -0.87	35.74 1.63 -0.54	39.41 1.76 -0.62	45.55 1.85 -2.06	50.31 2.12 -0.95	44.88 2.01 -0.78	41.29 2.29 -0.65	38.68 2.20 -0.57	40.74 2.11 -0.64	41.26 2.04 -0.66	35.48 1.68 -0.49	32.68 1.46 -0.39	31.00 1.32 -0.19
ETNA_115_KV_TB1_REV_LBMP_C 345029	22.76 0.72 0.00	22.57 0.69 0.00	20.84 0.57 0.00	20.67 0.57 0.00	23.18 0.69 0.00	29.83 0.96 0.00	32.81 1.16 0.00	32.13 1.06 -0.20	34.59 0.94 -1.25	35.19 0.82 -1.30	35.39 0.89 -1.29	42.26 1.10 -1.84	35.85 0.93 -1.35	39.65 0.97 -1.66	45.27 0.91 -2.71	50.93 1.11 -2.59	45.24 1.03 -2.11	41.44 1.32 -1.77	38.65 1.18 -1.57	40.80 1.07 -1.74	41.44 1.08 -1.80	35.46 0.86 -1.30	32.55 0.75 -0.97	30.60 0.58 -0.51
ETNA_____115KV_TB2 80207	22.76 0.72 0.00	22.57 0.69 0.00	20.84 0.57 0.00	20.67 0.57 0.00	23.18 0.69 0.00	29.83 0.96 0.00	32.81 1.16 0.00	32.13 1.06 -0.20	34.59 0.94 -1.25	35.19 0.82 -1.30	35.39 0.89 -1.29	42.26 1.10 -1.84	35.85 0.93 -1.35	39.65 0.97 -1.66	45.27 0.91 -2.71	50.93 1.11 -2.59	45.24 1.03 -2.11	41.44 1.32 -1.77	38.65 1.18 -1.57	40.80 1.07 -1.74	41.44 1.08 -1.80	35.46 0.86 -1.30	32.55 0.75 -0.97	30.60 0.58 -0.51
EUCLID___115KV_TB2 356179	22.09 0.04 0.00	21.89 0.01 0.00	20.24 -0.02 0.00	20.08 -0.02 0.00	22.50 0.01 0.00	28.93 0.05 0.00	31.66 0.01 0.00	30.84 -0.18 -0.14	32.99 -0.31 -0.91	33.57 -0.44 -0.95	33.72 -0.43 -0.93	40.14 -0.50 -1.33	34.11 -0.43 -0.97	37.73 -0.49 -1.19	42.76 -0.67 -1.78	48.41 -0.68 -1.86	43.05 -0.56 -1.52	39.35 -0.28 -1.28	36.72 -0.31 -1.13	38.75 -0.49 -1.25	39.33 -0.52 -1.30	33.76 -0.48 -0.93	31.10 -0.43 -0.70	29.41 -0.46 -0.36
E_CANADA_CAP_HY 24051	20.73 2.14 3.46	24.04 2.17 0.00	22.19 1.92 0.00	22.01 1.91 0.00	24.68 2.19 0.00	31.63 2.96 0.20	34.49 3.20 0.35	33.91 3.12 0.08	35.39 2.99 0.00	35.85 2.79 0.00	35.98 2.77 0.00	41.72 3.40 0.99	35.88 2.54 0.23	39.69 2.74 0.07	51.05 2.45 -6.95	50.79 3.55 0.00	45.10 3.01 0.00	41.42 3.07 0.00	38.98 3.08 0.00	41.11 3.12 0.00	41.83 3.27 0.00	36.33 3.13 0.10	33.51 2.84 0.15	32.06 2.56 0.00
E_CANADA_MHWK_HY 24050	21.86 -0.19 0.00	21.64 -0.23 0.00	20.12 -0.15 0.00	19.93 -0.17 0.00	22.32 -0.17 0.00	28.65 -0.22 0.00	31.70 0.05 0.00	31.23 0.36 0.00	32.96 0.57 0.00	33.86 0.79 0.00	34.05 0.84 0.00	40.23 0.92 0.00	34.34 0.77 0.00	37.86 0.83 0.00	42.85 1.19 0.00	48.24 1.01 0.00	43.18 1.08 0.00	39.59 1.24 0.00	37.05 1.14 0.00	39.22 1.23 0.00	39.65 1.09 0.00	33.95 0.64 0.00	31.24 0.41 0.00	29.91 0.41 0.00
E_FISHKILL___LBMP 23776	26.18 0.60 -3.53	22.49 0.61 0.00	20.90 0.63 0.00	20.69 0.59 0.00	23.17 0.68 0.00	29.90 0.83 -0.20	33.10 1.10 -0.35	32.18 1.24 -0.07	33.65 1.26 0.00	34.55 1.49 0.00	34.79 1.58 0.00	42.15 1.93 -0.90	35.58 1.80 -0.21	39.09 2.00 -0.06	49.56 2.43 -5.49	50.04 2.81 0.00	44.61 2.52 0.00	40.74 2.39 0.00	38.03 2.13 0.00	39.87 1.88 0.00	40.30 1.74 0.00	34.94 1.54 -0.09	32.31 1.34 -0.14	30.87 1.36 0.00
FALCON___SEABRD_CC1 323796	22.72 0.67 0.00	22.56 0.69 0.00	20.86 0.59 0.00	20.66 0.56 0.00	22.97 0.48 0.00	29.44 0.57 0.00	32.40 0.75 0.00	32.15 1.28 0.00	33.87 1.47 0.00	34.24 1.18 0.00	34.22 1.01 0.00	40.14 0.82 0.00	34.19 0.63 0.00	37.68 0.66 0.00	42.47 0.82 0.00	48.06 0.83 0.00	42.92 0.82 0.00	38.84 0.49 0.00	36.44 0.54 0.00	39.14 1.16 0.00	39.95 1.39 0.00	34.35 1.05 0.00	31.86 1.03 0.00	30.55 1.04 0.00
FALCON___SEABRD_CC2 323797	22.72 0.67 0.00	22.56 0.69 0.00	20.86 0.59 0.00	20.66 0.56 0.00	22.97 0.48 0.00	29.44 0.57 0.00	32.40 0.75 0.00	32.15 1.28 0.00	33.87 1.47 0.00	34.24 1.18 0.00	34.22 1.01 0.00	40.14 0.82 0.00	34.19 0.63 0.00	37.68 0.66 0.00	42.47 0.82 0.00	48.06 0.83 0.00	42.92 0.82 0.00	38.84 0.49 0.00	36.44 0.54 0.00	39.14 1.16 0.00	39.95 1.39 0.00	34.35 1.05 0.00	31.86 1.03 0.00	30.55 1.04 0.00
FAR ROCKAWAY___4 23548	26.88 1.40 -3.42	23.27 1.39 0.00	21.62 1.36 0.00	21.41 1.31 0.00	24.01 1.52 0.00	31.01 1.94 -0.20	34.20 2.21 -0.34	33.11 2.18 -0.07	34.62 2.23 0.00	35.56 2.50 0.00	36.06 2.85 0.00	43.42 3.23 -0.87	36.92 3.15 -0.21	40.52 3.43 -0.06	50.92 3.97 -5.30	51.94 4.71 0.00	46.18 4.09 0.00	42.43 4.09 0.00	39.47 3.56 0.00	41.17 3.18 0.00	41.57 3.00 0.00	36.21 2.80 -0.09	33.46 2.50 -0.13	31.99 2.48 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	26.38 0.90 -3.42	22.78 0.90 0.00	21.17 0.90 0.00	20.95 0.85 0.00	23.48 0.98 0.00	30.28 1.21 -0.20	33.55 1.56 -0.34	32.62 1.68 -0.07	34.11 1.72 0.00	35.08 2.02 0.00	35.37 2.16 0.00	42.84 2.65 -0.87	36.23 2.45 -0.21	39.73 2.64 -0.06	50.03 3.08 -5.30	50.83 3.59 0.00	45.28 3.18 0.00	41.36 3.01 0.00	38.60 2.69 0.00	40.29 2.30 0.00	40.74 2.18 0.00	35.53 2.13 -0.09	32.86 1.90 -0.13	31.39 1.88 0.00

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	26.40 0.92 -3.42	22.80 0.93 0.00	21.19 0.92 0.00	20.97 0.87 0.00	23.50 1.00 0.00	30.31 1.24 -0.20	33.58 1.59 -0.34	32.64 1.71 -0.07	34.13 1.73 0.00	35.10 2.04 0.00	35.40 2.19 0.00	42.86 2.67 -0.87	36.25 2.47 -0.21	39.76 2.67 -0.06	50.06 3.11 -5.30	50.86 3.63 0.00	45.32 3.23 0.00	41.38 3.03 0.00	38.62 2.72 0.00	40.33 2.34 0.00	40.78 2.22 0.00	35.56 2.16 -0.09	32.90 1.94 -0.13	31.42 1.91 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	26.36 0.88 -3.42	22.77 0.89 0.00	21.17 0.90 0.00	20.95 0.85 0.00	23.47 0.97 0.00	30.27 1.20 -0.20	33.54 1.55 -0.34	32.61 1.67 -0.07	34.09 1.70 0.00	35.06 2.00 0.00	35.37 2.16 0.00	42.81 2.62 -0.87	36.21 2.43 -0.21	39.71 2.62 -0.06	49.99 3.04 -5.30	50.80 3.57 0.00	45.26 3.16 0.00	41.32 2.97 0.00	38.57 2.67 0.00	40.27 2.28 0.00	40.71 2.15 0.00	35.50 2.10 -0.09	32.84 1.88 -0.13	31.37 1.87 0.00
FARRAGUT___LBMP 323566	26.34 0.86 -3.42	22.75 0.87 0.00	21.15 0.88 0.00	20.93 0.83 0.00	23.44 0.95 0.00	30.23 1.17 -0.20	33.50 1.51 -0.34	32.57 1.63 -0.07	34.05 1.66 0.00	35.02 1.96 0.00	35.30 2.10 0.00	42.75 2.57 -0.87	36.16 2.38 -0.21	39.65 2.57 -0.06	49.94 2.99 -5.30	50.72 3.49 0.00	45.19 3.10 0.00	41.26 2.91 0.00	38.53 2.62 0.00	40.22 2.23 0.00	40.67 2.11 0.00	35.47 2.06 -0.09	32.81 1.84 -0.13	31.35 1.84 0.00
FENNER___WINDPWR 24204	22.64 0.59 0.00	22.44 0.56 0.00	20.76 0.49 0.00	20.58 0.48 0.00	23.06 0.57 0.00	29.68 0.80 0.00	32.65 1.00 0.00	31.96 0.94 -0.15	34.31 0.95 -0.96	34.97 0.91 -1.00	35.15 0.95 -0.99	41.81 1.09 -1.41	35.46 0.87 -1.03	39.20 0.92 -1.26	44.43 0.84 -1.94	50.11 0.90 -1.98	44.59 0.88 -1.61	40.90 1.19 -1.35	38.30 1.21 -1.19	40.51 1.19 -1.33	41.11 1.18 -1.37	35.26 0.96 -0.99	32.40 0.83 -0.74	30.60 0.70 -0.39
FIBERTEK___ENERGY 23856	22.31 0.26 0.00	22.13 0.26 0.00	20.47 0.20 0.00	20.29 0.19 0.00	22.72 0.23 0.00	29.25 0.38 0.00	32.06 0.41 0.00	31.48 0.25 -0.36	34.78 0.12 -2.27	35.43 0.01 -2.35	35.57 0.04 -2.32	42.63 0.03 -3.29	36.01 0.04 -2.40	40.01 0.03 -2.95	45.61 -0.08 -4.04	51.86 0.01 -4.62	45.90 0.03 -3.77	41.76 0.24 -3.17	38.86 0.16 -2.80	41.11 0.01 -3.11	41.76 -0.02 -3.21	35.55 -0.07 -2.31	32.49 -0.07 -1.74	30.29 -0.12 -0.91
FITZPATRICK____ 23598	21.73 -0.32 0.00	21.56 -0.32 0.00	19.94 -0.33 0.00	19.78 -0.32 0.00	22.15 -0.34 0.00	28.45 -0.42 0.00	31.10 -0.54 0.00	27.91 -0.69 0.00	17.25 -0.83 0.00	17.27 -0.93 0.00	17.63 -0.92 0.00	17.52 -1.10 0.00	17.48 -0.94 0.00	17.39 -1.06 0.00	17.09 -1.28 0.00	16.74 -1.41 0.00	17.12 -1.23 0.00	17.49 -0.93 0.00	17.42 -0.90 0.00	17.35 -1.06 0.00	17.24 -1.10 0.00	17.81 -0.96 0.00	19.01 -0.88 0.00	22.93 -0.86 0.00
FLOWRFLD_69_KV_BK1 356044	26.86 1.39 -3.42	23.25 1.38 0.00	21.64 1.38 0.00	21.43 1.33 0.00	24.04 1.55 0.00	31.07 2.00 -0.20	34.31 2.32 -0.34	33.46 2.52 -0.07	34.96 2.57 0.00	35.91 2.85 0.00	37.26 3.14 -0.91	43.64 3.44 -0.88	37.13 3.33 -0.23	242.16 3.68 -201.45	105.29 4.14 -59.50	52.13 4.87 -0.03	47.16 4.18 -0.88	42.67 4.21 -0.10	39.97 3.70 -0.36	41.21 3.22 0.00	41.63 3.07 0.00	36.23 2.83 -0.09	33.32 2.36 -0.13	31.78 2.27 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	25.57 0.92 -2.60	22.80 0.92 0.00	21.17 0.90 0.00	20.96 0.86 0.00	23.47 0.98 0.00	30.26 1.24 -0.15	33.50 1.59 -0.26	32.65 1.73 -0.05	34.18 1.78 0.00	35.05 1.99 0.00	35.32 2.11 0.00	42.58 2.61 -0.65	36.11 2.39 -0.16	39.74 2.67 -0.05	50.19 3.21 -5.33	50.99 3.75 0.00	45.45 3.36 0.00	41.52 3.17 0.00	38.74 2.84 0.00	40.61 2.62 0.00	41.03 2.47 0.00	35.50 2.12 -0.07	32.77 1.84 -0.10	31.30 1.79 0.00
FORT ORANGE____ 23900	18.65 0.23 3.62	22.09 0.21 0.00	20.52 0.26 0.00	20.34 0.24 0.00	22.76 0.27 0.00	29.00 0.34 0.21	31.81 0.54 0.37	30.54 0.74 1.07	19.45 0.81 13.76	19.44 0.96 14.59	34.09 0.88 0.00	39.34 1.07 1.04	34.25 0.92 0.25	38.11 1.16 0.07	49.95 1.56 -6.74	48.81 1.58 0.00	43.54 1.45 0.00	39.78 1.43 0.00	37.19 1.29 0.00	39.36 1.37 0.00	39.78 1.23 0.00	34.03 0.83 0.11	31.36 0.69 0.16	30.23 0.72 0.00
FORT_DRUM_COGEN 23780	22.77 0.72 0.00	22.54 0.67 0.00	20.82 0.56 0.00	20.65 0.55 0.00	23.13 0.64 0.00	29.83 0.96 0.00	32.89 1.24 0.00	32.30 1.13 -0.30	35.45 1.15 -1.91	35.97 0.93 -1.98	35.89 0.73 -1.96	42.42 0.34 -2.76	35.57 -0.02 -2.02	39.34 -0.17 -2.48	44.44 -0.51 -3.30	50.40 -0.72 -3.88	44.65 -0.61 -3.17	40.97 -0.04 -2.66	38.84 0.59 -2.35	41.86 1.26 -2.61	42.80 1.54 -2.70	36.60 1.34 -1.94	33.49 1.20 -1.46	31.27 1.00 -0.76
FPL_FAR_ROCK_GT1 24212	26.89 1.41 -3.42	23.27 1.39 0.00	21.62 1.36 0.00	21.41 1.31 0.00	24.01 1.52 0.00	31.01 1.94 -0.20	34.19 2.20 -0.34	33.12 2.18 -0.07	34.61 2.22 0.00	35.56 2.50 0.00	36.06 2.85 0.00	43.44 3.25 -0.87	36.92 3.15 -0.21	40.52 3.42 -0.06	50.92 3.97 -5.30	51.94 4.71 0.00	46.18 4.09 0.00	42.43 4.08 0.00	39.46 3.56 0.00	41.17 3.18 0.00	41.56 3.00 0.00	36.21 2.80 -0.09	33.47 2.51 -0.14	31.99 2.48 0.00
FPL_FAR_ROCK_GT2 23815	26.89 1.41 -3.42	23.27 1.39 0.00	21.62 1.36 0.00	21.41 1.31 0.00	24.01 1.52 0.00	31.01 1.94 -0.20	34.19 2.20 -0.34	33.12 2.18 -0.07	34.61 2.22 0.00	35.56 2.50 0.00	36.06 2.85 0.00	43.44 3.25 -0.87	36.92 3.15 -0.21	40.52 3.42 -0.06	50.92 3.97 -5.30	51.94 4.71 0.00	46.18 4.09 0.00	42.43 4.08 0.00	39.46 3.56 0.00	41.17 3.18 0.00	41.56 3.00 0.00	36.21 2.80 -0.09	33.47 2.51 -0.14	31.99 2.48 0.00
FRANKLIN_FALL_HYD 24054	22.53 0.48 0.00	22.34 0.47 0.00	20.65 0.38 0.00	20.48 0.37 0.00	22.80 0.31 0.00	29.25 0.37 0.00	32.07 0.43 0.00	40.01 0.75 -8.38	36.96 0.95 -3.62	44.68 0.77 -10.84	39.34 0.63 -5.50	42.88 0.54 -3.04	33.93 0.36 0.00	37.36 0.33 0.00	42.03 0.38 0.00	47.64 0.40 0.00	42.48 0.39 0.00	38.47 0.12 0.00	36.20 0.29 0.00	38.79 0.80 0.00	39.45 0.89 0.00	34.08 0.71 -0.07	31.70 0.68 -0.19	30.21 0.70 0.00
FREEPORT_EQUS_GT1 23764	26.68 1.20 -3.42	23.07 1.20 0.00	21.44 1.18 0.00	21.23 1.13 0.00	23.81 1.31 0.00	30.74 1.67 -0.20	33.92 1.93 -0.34	33.01 2.07 -0.07	34.51 2.12 0.00	35.42 2.36 0.00	35.85 2.64 0.00	43.18 3.00 -0.87	36.71 2.93 -0.21	40.30 3.21 -0.06	50.51 3.56 -5.30	51.47 4.24 0.00	45.75 3.66 0.00	42.09 3.74 0.00	39.29 3.38 0.00	40.95 2.96 0.00	41.36 2.80 0.00	36.01 2.61 -0.09	33.27 2.31 -0.13	31.69 2.18 0.00
FREEPORT___CT2 23818	26.68 1.20 -3.42	23.07 1.20 0.00	21.44 1.18 0.00	21.23 1.13 0.00	23.81 1.31 0.00	30.74 1.67 -0.20	33.92 1.93 -0.34	33.01 2.07 -0.07	34.51 2.12 0.00	35.42 2.36 0.00	35.85 2.64 0.00	43.18 3.00 -0.87	36.71 2.93 -0.21	40.30 3.21 -0.06	50.51 3.56 -5.30	51.47 4.24 0.00	45.75 3.66 0.00	42.09 3.74 0.00	39.29 3.38 0.00	40.95 2.96 0.00	41.36 2.80 0.00	36.01 2.61 -0.09	33.27 2.31 -0.13	31.69 2.18 0.00

FRESHKLS_33_KV_LOAD 356253	26.32 0.84 -3.42	22.71 0.84 0.00	21.13 0.86 0.00	20.91 0.80 0.00	23.37 0.88 0.00	30.17 1.11 -0.20	33.48 1.49 -0.34	21.51 1.46 10.82	28.09 1.45 5.76	17.39 1.75 17.42	26.30 1.92 8.83	37.69 2.38 4.00	36.11 2.27 -0.27	39.55 2.46 -0.06	50.12 2.80 -5.66	96.82 3.30 -46.28	401.14 3.01 -356.04	42.77 2.84 -1.58	38.55 2.64 0.00	40.17 2.18 0.00	40.66 2.09 -0.01	35.44 2.02 -0.10	32.78 1.82 -0.14	31.30 1.79 0.00
FULTON COGEN____ 23766	22.07 0.02 0.00	21.89 0.01 0.00	20.24 -0.03 0.00	20.07 -0.04 0.00	22.50 0.01 0.00	28.91 0.04 0.00	31.64 -0.01 0.00	31.38 -0.18 -0.69	36.41 -0.33 -4.35	37.14 -0.44 -4.51	37.24 -0.43 -4.46	45.08 -0.52 -6.29	37.75 -0.43 -4.60	42.18 -0.50 -5.65	48.36 -0.68 -7.40	55.37 -0.71 -8.85	48.71 -0.60 -7.22	44.05 -0.36 -6.06	40.87 -0.38 -5.35	43.41 -0.53 -5.95	44.14 -0.57 -6.15	37.21 -0.52 -4.42	33.70 -0.45 -3.33	30.78 -0.47 -1.74
FULTON____LFGE 323630	21.19 2.60 3.46	24.44 2.56 0.00	22.57 2.31 0.00	22.39 2.29 0.00	25.14 2.64 0.00	32.26 3.58 0.20	35.45 4.16 0.35	34.99 4.19 0.08	36.36 3.96 0.00	36.89 3.83 0.00	37.06 3.85 0.00	42.54 4.22 0.99	36.05 2.72 0.23	39.83 2.87 0.07	52.18 3.58 -6.95	50.97 3.74 0.00	46.63 4.53 0.00	43.15 4.80 0.00	40.80 4.90 0.00	43.03 5.04 0.00	43.60 5.03 0.00	37.58 4.37 0.10	34.46 3.78 0.15	32.95 3.45 0.00
G.F.CEMENT____DRP 24184	18.54 0.78 4.29	22.60 0.72 0.00	20.97 0.70 0.00	20.81 0.70 0.00	23.31 0.82 0.00	29.76 1.14 0.24	32.89 1.68 0.44	33.63 2.07 -0.70	45.60 2.26 -10.94	47.10 2.44 -11.60	35.50 2.30 0.00	40.69 2.59 1.22	35.36 2.08 0.29	39.29 2.35 0.09	51.21 2.66 -6.90	50.01 2.78 0.00	44.71 2.62 0.00	40.85 2.50 0.00	38.14 2.24 0.00	40.27 2.29 0.00	40.80 2.24 0.00	34.82 1.64 0.13	32.00 1.35 0.19	31.01 1.50 0.00
GARDENVILLE____LBMP 24039	23.07 1.02 0.00	22.82 0.94 0.00	20.82 0.56 0.00	20.69 0.59 0.00	23.34 0.85 0.00	30.19 1.32 0.00	32.89 1.24 0.00	31.57 0.69 0.00	32.64 0.24 0.00	32.85 -0.21 0.00	33.19 -0.02 0.00	39.36 0.05 0.00	33.45 -0.11 0.00	36.85 -0.18 0.00	41.30 -0.82 -0.46	46.66 -0.58 0.00	41.63 -0.46 0.00	38.84 0.49 0.00	36.23 0.33 0.00	37.81 -0.18 0.00	38.53 -0.03 0.00	33.56 0.25 0.00	31.40 0.57 0.00	29.77 0.26 0.00
GARDNVLA_35_KV_LD 355827	23.16 1.11 0.00	22.91 1.04 0.00	20.90 0.63 0.00	20.76 0.66 0.00	23.42 0.92 0.00	30.30 1.43 0.00	33.00 1.35 0.00	31.69 0.82 0.00	32.78 0.38 0.00	33.00 -0.06 0.00	33.34 0.13 0.00	39.57 0.26 0.00	33.64 0.07 0.00	37.05 0.02 0.00	41.52 -0.60 -0.47	46.93 -0.31 0.00	41.88 -0.21 0.00	39.07 0.72 0.00	36.44 0.53 0.00	38.01 0.02 0.00	38.76 0.19 0.00	33.72 0.41 0.00	31.54 0.72 0.00	29.88 0.37 0.00
GELCKHM__115KV_LOAD 80723	22.17 0.12 0.00	21.98 0.10 0.00	20.32 0.06 0.00	20.15 0.05 0.00	22.58 0.09 0.00	29.04 0.17 0.00	31.80 0.15 0.00	31.07 -0.02 -0.22	33.64 -0.16 -1.40	34.26 -0.26 -1.45	34.39 -0.25 -1.44	41.05 -0.30 -2.03	34.80 -0.25 -1.49	38.56 -0.29 -1.83	43.81 -0.43 -2.59	49.68 -0.41 -2.86	44.09 -0.34 -2.33	40.23 -0.08 -1.96	37.50 -0.13 -1.73	39.61 -0.31 -1.92	40.21 -0.34 -1.99	34.40 -0.34 -1.43	31.60 -0.30 -1.08	29.72 -0.35 -0.56
GENERAL____MILLS 23808	23.12 1.07 0.00	22.87 0.99 0.00	20.87 0.60 0.00	20.73 0.63 0.00	23.38 0.89 0.00	30.25 1.38 0.00	32.95 1.30 0.00	31.63 0.76 0.00	32.72 0.32 0.00	32.93 -0.13 0.00	33.27 0.06 0.00	39.47 0.16 0.00	33.55 -0.02 0.00	36.95 -0.08 0.00	41.43 -0.69 -0.47	46.80 -0.43 0.00	41.76 -0.34 0.00	38.96 0.61 0.00	36.34 0.43 0.00	37.92 -0.07 0.00	38.64 0.08 0.00	33.65 0.34 0.00	31.47 0.65 0.00	29.83 0.32 0.00
GE_PLASTICS____DRP 24183	19.30 0.21 2.96	22.09 0.21 0.00	20.53 0.27 0.00	20.35 0.25 0.00	22.77 0.28 0.00	29.04 0.33 0.17	31.83 0.49 0.31	30.76 0.67 0.78	23.15 0.72 9.95	23.38 0.87 10.55	34.04 0.83 0.00	39.46 1.02 0.88	34.26 0.89 0.21	38.06 1.09 0.06	49.87 1.44 -6.77	48.72 1.49 0.00	43.46 1.36 0.00	39.66 1.31 0.00	37.07 1.16 0.00	39.19 1.20 0.00	39.63 1.06 0.00	33.96 0.74 0.09	31.33 0.64 0.13	30.19 0.69 0.00
GILBOA____1 23756	22.40 0.35 0.00	22.24 0.36 0.00	20.72 0.46 0.00	20.53 0.43 0.00	22.98 0.49 0.00	29.47 0.60 0.00	32.32 0.67 0.00	31.73 0.86 0.00	33.30 0.90 0.00	34.12 1.06 0.00	34.29 1.08 0.00	40.62 1.31 0.00	34.74 1.18 0.00	38.38 1.35 0.00	49.89 1.67 -6.57	48.97 1.73 0.00	43.61 1.52 0.00	39.80 1.45 0.00	37.22 1.31 0.00	39.35 1.36 0.00	39.82 1.26 0.00	34.31 1.00 0.00	31.70 0.87 0.00	30.41 0.91 0.00
GILBOA____2 23757	22.40 0.35 0.00	22.24 0.36 0.00	20.72 0.46 0.00	20.53 0.43 0.00	22.98 0.49 0.00	29.47 0.60 0.00	32.32 0.67 0.00	31.73 0.86 0.00	33.30 0.90 0.00	34.12 1.06 0.00	34.29 1.08 0.00	40.62 1.31 0.00	34.74 1.18 0.00	38.38 1.35 0.00	49.89 1.67 -6.57	48.97 1.73 0.00	43.61 1.52 0.00	39.80 1.45 0.00	37.22 1.31 0.00	39.35 1.36 0.00	39.82 1.26 0.00	34.31 1.00 0.00	31.70 0.87 0.00	30.41 0.91 0.00
GILBOA____3 23758	22.40 0.35 0.00	22.24 0.36 0.00	20.72 0.46 0.00	20.53 0.43 0.00	22.98 0.49 0.00	29.47 0.60 0.00	32.32 0.67 0.00	31.73 0.86 0.00	33.30 0.90 0.00	34.12 1.06 0.00	34.29 1.08 0.00	40.62 1.31 0.00	34.74 1.18 0.00	38.38 1.35 0.00	49.89 1.67 -6.57	48.97 1.73 0.00	43.61 1.52 0.00	39.80 1.45 0.00	37.22 1.31 0.00	39.35 1.36 0.00	39.82 1.26 0.00	34.31 1.00 0.00	31.70 0.87 0.00	30.41 0.91 0.00
GILBOA____4 23759	22.40 0.35 0.00	22.24 0.36 0.00	20.72 0.46 0.00	20.53 0.43 0.00	22.98 0.49 0.00	29.47 0.60 0.00	32.32 0.67 0.00	31.73 0.86 0.00	33.30 0.90 0.00	34.12 1.06 0.00	34.29 1.08 0.00	40.62 1.31 0.00	34.74 1.18 0.00	38.38 1.35 0.00	49.89 1.67 -6.57	48.97 1.73 0.00	43.61 1.52 0.00	39.80 1.45 0.00	37.22 1.31 0.00	39.35 1.36 0.00	39.82 1.26 0.00	34.31 1.00 0.00	31.70 0.87 0.00	30.41 0.91 0.00
GILBOA____ 23599	22.40 0.35 0.00	22.24 0.36 0.00	20.72 0.46 0.00	20.53 0.43 0.00	22.98 0.49 0.00	29.47 0.60 0.00	32.32 0.67 0.00	31.73 0.86 0.00	33.30 0.90 0.00	34.12 1.06 0.00	34.29 1.08 0.00	40.62 1.30 0.00	34.74 1.18 0.00	38.38 1.35 0.00	49.89 1.67 -6.57	48.97 1.73 0.00	43.61 1.52 0.00	39.80 1.45 0.00	37.22 1.31 0.00	39.35 1.36 0.00	39.83 1.27 0.00	34.31 1.00 0.00	31.70 0.87 0.00	30.41 0.91 0.00
GINNA____ 23603	23.00 0.94 0.00	22.76 0.89 0.00	20.92 0.65 0.00	20.76 0.66 0.00	23.34 0.85 0.00	30.14 1.27 0.00	32.93 1.28 0.00	31.73 0.93 0.07	32.61 0.68 0.46	33.00 0.42 0.48	33.27 0.54 0.47	39.28 0.63 0.67	33.57 0.48 0.49	36.92 0.49 0.60	41.47 0.22 0.40	46.71 0.41 0.93	41.77 0.44 0.76	38.74 1.03 0.64	36.32 0.98 0.57	38.01 0.65 0.63	38.33 0.42 0.65	33.16 0.32 0.47	30.67 0.19 0.35	29.22 -0.10 0.18

GLEN PARK____ 23778	22.90 0.85 0.00	22.66 0.79 0.00	20.93 0.66 0.00	20.76 0.66 0.00	23.26 0.77 0.00	30.01 1.14 0.00	33.12 1.47 0.00	32.54 1.35 -0.31	35.77 1.37 -2.01	36.26 1.11 -2.08	36.16 0.90 -2.05	42.69 0.46 -2.91	35.74 0.05 -2.13	39.52 -0.12 -2.61	44.66 -0.46 -3.47	50.65 -0.67 -4.09	44.87 -0.56 -3.34	41.22 0.07 -2.80	39.11 0.73 -2.47	42.32 1.58 -2.75	43.30 1.90 -2.84	36.97 1.62 -2.04	33.80 1.44 -1.54	31.49 1.19 -0.80
GLENDALDE_27_KV_LOAD 356172	26.49 1.01 -3.42	22.88 1.01 0.00	21.26 1.00 0.00	21.04 0.94 0.00	23.57 1.08 0.00	30.40 1.33 -0.20	33.71 1.72 -0.34	32.77 1.83 -0.07	34.23 1.83 0.00	35.17 2.11 0.00	35.45 2.24 0.00	42.90 2.71 -0.87	36.31 2.54 -0.21	39.81 2.72 -0.06	50.07 3.12 -5.30	50.88 3.65 0.00	45.35 3.26 0.00	41.42 3.07 0.00	38.74 2.83 0.00	40.38 2.40 0.00	40.86 2.30 0.00	35.66 2.26 -0.09	32.97 2.01 -0.13	31.48 1.98 0.00
GLENWOOD_IC_1_G5 23712	26.50 1.03 -3.42	22.92 1.04 0.00	21.29 1.03 0.00	21.08 0.98 0.00	23.63 1.14 0.00	30.51 1.44 -0.20	33.74 1.75 -0.34	32.80 1.86 -0.07	34.09 1.69 0.00	35.01 1.95 0.00	35.44 2.23 0.00	42.77 2.58 -0.87	36.28 2.50 -0.21	39.85 2.76 -0.06	50.18 3.23 -5.30	51.05 3.81 0.00	45.40 3.30 0.00	41.57 3.22 0.00	38.73 2.82 0.00	40.42 2.43 0.00	40.83 2.27 0.00	35.52 2.11 -0.09	32.81 1.85 -0.13	31.48 1.98 0.00
GLENWOOD_IC_2_G1 23688	26.40 0.93 -3.42	22.80 0.93 0.00	21.19 0.93 0.00	20.98 0.88 0.00	23.51 1.02 0.00	30.34 1.27 -0.20	33.57 1.58 -0.34	32.64 1.70 -0.07	34.09 1.70 0.00	35.02 1.96 0.00	35.40 2.19 0.00	42.77 2.58 -0.87	36.22 2.44 -0.21	39.78 2.69 -0.06	50.09 3.14 -5.30	50.92 3.68 0.00	45.31 3.22 0.00	41.47 3.12 0.00	38.67 2.76 0.00	40.39 2.41 0.00	40.81 2.26 0.00	35.52 2.12 -0.09	32.80 1.84 -0.13	31.34 1.83 0.00
GLENWOOD_IC_3_G1 23689	26.40 0.93 -3.42	22.80 0.93 0.00	21.19 0.93 0.00	20.98 0.88 0.00	23.51 1.02 0.00	30.34 1.27 -0.20	33.57 1.58 -0.34	32.64 1.70 -0.07	34.09 1.70 0.00	35.02 1.96 0.00	35.40 2.19 0.00	42.77 2.58 -0.87	36.22 2.44 -0.21	39.78 2.69 -0.06	50.09 3.14 -5.30	50.92 3.68 0.00	45.31 3.22 0.00	41.47 3.12 0.00	38.67 2.76 0.00	40.39 2.41 0.00	40.81 2.26 0.00	35.52 2.12 -0.09	32.80 1.84 -0.13	31.34 1.83 0.00
GLENWOOD____4 23550	26.50 1.03 -3.42	22.92 1.04 0.00	21.29 1.03 0.00	21.08 0.98 0.00	23.63 1.14 0.00	30.51 1.44 -0.20	33.74 1.75 -0.34	32.81 1.87 -0.07	34.17 1.78 0.00	35.10 2.04 0.00	35.52 2.31 0.00	42.87 2.68 -0.87	36.36 2.59 -0.21	39.95 2.86 -0.06	50.29 3.34 -5.30	51.17 3.94 0.00	45.51 3.42 0.00	41.66 3.32 0.00	38.82 2.92 0.00	40.52 2.54 0.00	40.94 2.38 0.00	35.61 2.20 -0.09	32.88 1.91 -0.13	31.48 1.98 0.00
GLENWOOD____5 23614	26.50 1.03 -3.42	22.92 1.04 0.00	21.29 1.03 0.00	21.08 0.98 0.00	23.63 1.14 0.00	30.51 1.44 -0.20	33.74 1.75 -0.34	32.81 1.87 -0.07	34.17 1.78 0.00	35.10 2.04 0.00	35.52 2.31 0.00	42.87 2.68 -0.87	36.36 2.59 -0.21	39.95 2.86 -0.06	50.29 3.34 -5.30	51.17 3.94 0.00	45.51 3.42 0.00	41.66 3.32 0.00	38.82 2.92 0.00	40.52 2.54 0.00	40.94 2.38 0.00	35.61 2.20 -0.09	32.88 1.91 -0.13	31.48 1.98 0.00
GLOBAL GREEN_PORT_GT1 23814	28.01 2.53 -3.42	24.37 2.49 0.00	22.67 2.41 0.00	22.46 2.36 0.00	25.21 2.72 0.00	32.65 3.58 -0.20	36.16 4.17 -0.34	35.26 4.32 -0.07	36.88 4.49 0.00	38.02 4.96 0.00	39.33 5.46 -0.65	46.52 6.32 -0.88	39.60 5.81 -0.22	213.51 6.36 -170.13	92.63 7.17 -43.81	55.69 8.44 -0.02	50.03 7.31 -0.63	45.45 7.03 -0.07	42.49 6.33 -0.25	44.05 6.06 0.00	44.40 5.84 0.00	38.41 5.01 -0.09	35.16 4.20 -0.13	33.34 3.83 0.00
GLOBE____DSASP 323697	22.60 0.55 0.00	22.32 0.44 0.00	20.35 0.09 0.00	20.25 0.15 0.00	22.86 0.37 0.00	29.58 0.70 0.00	32.04 0.39 0.00	30.56 -0.31 0.00	31.39 -1.01 0.00	31.49 -1.57 0.00	31.82 -1.39 0.00	37.70 -1.61 0.00	32.00 -1.57 0.00	35.24 -1.79 0.00	39.42 -2.65 -0.42	44.53 -2.69 0.01	39.78 -2.31 0.00	37.17 -1.18 0.00	34.74 -1.16 0.00	36.25 -1.73 0.00	36.98 -1.58 0.00	32.33 -0.98 0.00	30.35 -0.48 0.00	28.93 -0.58 0.00
GOETHSLN____LBMP 323567	26.21 0.74 -3.42	22.63 0.76 0.00	21.03 0.76 0.00	20.81 0.71 0.00	23.33 0.84 0.00	30.09 1.02 -0.20	33.32 1.33 -0.34	18.85 1.43 13.45	28.02 1.43 5.81	17.25 1.73 17.55	26.19 1.87 8.90	37.60 2.33 4.04	35.96 2.18 -0.21	39.44 2.35 -0.06	49.74 2.79 -5.30	50.51 3.28 0.00	44.97 2.87 0.00	41.05 2.70 0.00	38.33 2.43 0.00	40.01 2.02 0.00	40.46 1.90 0.00	35.18 1.89 0.02	32.33 1.67 0.17	31.20 1.69 0.00
GOLAH____69_KV_TB 1_2 80279	23.31 1.26 0.00	23.05 1.17 0.00	21.09 0.83 0.00	20.94 0.83 0.00	23.57 1.08 0.00	30.50 1.63 0.00	33.31 1.66 0.00	31.98 1.18 0.07	32.81 0.84 0.42	33.11 0.49 0.44	33.36 0.59 0.43	39.46 0.75 0.60	33.62 0.49 0.44	37.02 0.53 0.54	41.49 0.16 0.32	46.76 0.37 0.85	41.78 0.38 0.69	38.89 1.13 0.58	36.54 1.15 0.51	38.24 0.82 0.57	38.82 0.85 0.59	33.72 0.84 0.43	31.45 0.95 0.32	29.97 0.64 0.17
GOODYEAR_LAKE_HYD 323669	22.79 0.74 0.00	22.61 0.73 0.00	20.98 0.71 0.00	20.78 0.68 0.00	23.29 0.80 0.00	29.94 1.07 0.00	32.95 1.29 -0.02	32.21 1.25 -0.09	34.04 1.21 -0.44	34.78 1.27 -0.45	34.99 1.32 -0.45	41.84 1.65 -0.87	35.50 1.38 -0.54	39.15 1.50 -0.62	45.30 1.58 -2.06	50.02 1.83 -0.95	44.60 1.73 -0.78	40.96 1.96 -0.65	38.34 1.86 -0.57	40.37 1.74 -0.64	40.90 1.68 -0.66	35.19 1.39 -0.49	32.43 1.21 -0.39	30.79 1.10 -0.19
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	22.49 0.44 0.00	22.34 0.46 0.00	20.61 0.35 0.00	20.44 0.34 0.00	22.92 0.43 0.00	29.47 0.60 0.00	32.41 0.77 0.00	31.68 0.68 -0.13	33.75 0.53 -0.83	34.34 0.41 -0.86	34.52 0.45 -0.85	41.14 0.59 -1.23	34.95 0.48 -0.90	38.65 0.52 -1.10	44.32 0.41 -2.25	49.55 0.59 -1.73	44.01 0.51 -1.41	40.39 0.85 -1.18	37.60 0.65 -1.04	39.56 0.41 -1.16	40.24 0.48 -1.20	34.59 0.42 -0.86	31.89 0.41 -0.65	30.11 0.27 -0.34
GOUDEY____7 23579	22.51 0.47 0.00	22.35 0.48 0.00	20.63 0.37 0.00	20.46 0.36 0.00	22.94 0.44 0.00	29.50 0.63 0.00	32.45 0.80 0.00	31.71 0.71 -0.13	33.79 0.56 -0.83	34.37 0.45 -0.86	34.56 0.49 -0.85	41.20 0.65 -1.23	35.00 0.53 -0.90	38.69 0.56 -1.10	44.37 0.46 -2.25	49.61 0.65 -1.73	44.06 0.56 -1.41	40.43 0.90 -1.18	37.64 0.70 -1.04	39.61 0.46 -1.16	40.28 0.52 -1.20	34.62 0.45 -0.86	31.92 0.44 -0.65	30.14 0.29 -0.34
GOUDEY____8 23580	22.49 0.44 0.00	22.34 0.46 0.00	20.61 0.35 0.00	20.44 0.34 0.00	22.92 0.43 0.00	29.47 0.60 0.00	32.41 0.77 0.00	31.68 0.68 -0.13	33.75 0.53 -0.83	34.34 0.41 -0.86	34.52 0.45 -0.85	41.14 0.59 -1.23	34.95 0.48 -0.90	38.65 0.52 -1.10	44.32 0.41 -2.25	49.55 0.59 -1.73	44.01 0.51 -1.41	40.39 0.85 -1.18	37.60 0.65 -1.04	39.56 0.41 -1.16	40.24 0.48 -1.20	34.59 0.42 -0.86	31.89 0.41 -0.65	30.11 0.27 -0.34

GOWANUS_GT1_1 24077	26.45 0.97 -3.42	22.84 0.97 0.00	21.23 0.97 0.00	21.01 0.91 0.00	23.52 1.03 0.00	30.35 1.28 -0.20	33.66 1.67 -0.34	32.63 1.69 -0.07	34.08 1.69 0.00	35.05 1.99 0.00	35.36 2.15 0.00	42.80 2.62 -0.87	36.31 2.47 -0.27	39.74 2.65 -0.06	50.33 3.02 -5.66	97.05 3.53 -46.28	401.30 3.17 -356.04	42.91 2.99 -1.58	38.66 2.75 0.00	40.30 2.31 0.00	40.78 2.21 -0.01	35.60 2.18 -0.10	32.94 1.97 -0.14	31.45 1.95 0.00
GOWANUS_GT1_2 24078	26.45 0.97 -3.42	22.84 0.97 0.00	21.23 0.97 0.00	21.01 0.91 0.00	23.52 1.03 0.00	30.35 1.28 -0.20	33.66 1.67 -0.34	32.63 1.69 -0.07	34.08 1.69 0.00	35.05 1.99 0.00	35.36 2.15 0.00	42.80 2.62 -0.87	36.31 2.47 -0.27	39.74 2.65 -0.06	50.33 3.02 -5.66	97.05 3.53 -46.28	401.30 3.17 -356.04	42.91 2.99 -1.58	38.66 2.75 0.00	40.30 2.31 0.00	40.78 2.21 -0.01	35.60 2.18 -0.10	32.94 1.97 -0.14	31.45 1.95 0.00
GOWANUS_GT1_3 24079	26.45 0.97 -3.42	22.84 0.97 0.00	21.23 0.97 0.00	21.01 0.91 0.00	23.52 1.03 0.00	30.35 1.28 -0.20	33.66 1.67 -0.34	32.63 1.69 -0.07	34.08 1.69 0.00	35.05 1.99 0.00	35.36 2.15 0.00	42.80 2.62 -0.87	36.31 2.47 -0.27	39.74 2.65 -0.06	50.33 3.02 -5.66	97.05 3.53 -46.28	401.30 3.17 -356.04	42.91 2.99 -1.58	38.66 2.75 0.00	40.30 2.31 0.00	40.78 2.21 -0.01	35.60 2.18 -0.10	32.94 1.97 -0.14	31.45 1.95 0.00
GOWANUS_GT1_4 24080	26.45 0.97 -3.42	22.84 0.97 0.00	21.23 0.97 0.00	21.01 0.91 0.00	23.52 1.03 0.00	30.35 1.28 -0.20	33.66 1.67 -0.34	32.63 1.69 -0.07	34.08 1.69 0.00	35.05 1.99 0.00	35.36 2.15 0.00	42.80 2.62 -0.87	36.31 2.47 -0.27	39.74 2.65 -0.06	50.33 3.02 -5.66	97.05 3.53 -46.28	401.30 3.17 -356.04	42.91 2.99 -1.58	38.66 2.75 0.00	40.30 2.31 0.00	40.78 2.21 -0.01	35.60 2.18 -0.10	32.94 1.97 -0.14	31.45 1.95 0.00
GOWANUS_GT1_5 24084	26.45 0.97 -3.42	22.84 0.97 0.00	21.23 0.97 0.00	21.01 0.91 0.00	23.52 1.03 0.00	30.35 1.28 -0.20	33.66 1.67 -0.34	32.63 1.69 -0.07	34.08 1.69 0.00	35.05 1.99 0.00	35.36 2.15 0.00	42.80 2.62 -0.87	36.31 2.47 -0.27	39.74 2.65 -0.06	50.33 3.02 -5.66	97.05 3.53 -46.28	401.30 3.17 -356.04	42.91 2.99 -1.58	38.66 2.75 0.00	40.30 2.31 0.00	40.78 2.21 -0.01	35.60 2.18 -0.10	32.94 1.97 -0.14	31.45 1.95 0.00
GOWANUS_GT1_6 24111	26.45 0.97 -3.42	22.84 0.97 0.00	21.23 0.97 0.00	21.01 0.91 0.00	23.52 1.03 0.00	30.35 1.28 -0.20	33.66 1.67 -0.34	32.63 1.69 -0.07	34.08 1.69 0.00	35.05 1.99 0.00	35.36 2.15 0.00	42.80 2.62 -0.87	36.31 2.47 -0.27	39.74 2.65 -0.06	50.33 3.02 -5.66	97.05 3.53 -46.28	401.30 3.17 -356.04	42.91 2.99 -1.58	38.66 2.75 0.00	40.30 2.31 0.00	40.78 2.21 -0.01	35.60 2.18 -0.10	32.94 1.97 -0.14	31.45 1.95 0.00
GOWANUS_GT1_7 24112	26.45 0.97 -3.42	22.84 0.97 0.00	21.23 0.97 0.00	21.01 0.91 0.00	23.52 1.03 0.00	30.35 1.28 -0.20	33.66 1.67 -0.34	32.63 1.69 -0.07	34.08 1.69 0.00	35.05 1.99 0.00	35.36 2.15 0.00	42.80 2.62 -0.87	36.31 2.47 -0.27	39.74 2.65 -0.06	50.33 3.02 -5.66	97.05 3.53 -46.28	401.30 3.17 -356.04	42.91 2.99 -1.58	38.66 2.75 0.00	40.30 2.31 0.00	40.78 2.21 -0.01	35.60 2.18 -0.10	32.94 1.97 -0.14	31.45 1.95 0.00
GOWANUS_GT1_8 24113	26.45 0.97 -3.42	22.84 0.97 0.00	21.23 0.97 0.00	21.01 0.91 0.00																				

GOWANUS_GT2_8 24121	26.45 0.98 -3.42	22.84 0.97 0.00	21.23 0.97 0.00	21.01 0.91 0.00	23.53 1.04 0.00	30.35 1.28 -0.20	33.66 1.67 -0.34	32.63 1.69 -0.07	34.09 1.69 0.00	35.06 2.00 0.00	35.37 2.16 0.00	42.81 2.62 -0.87	36.31 2.47 -0.27	39.75 2.66 -0.06	50.33 3.02 -5.66	97.04 3.52 -46.28	401.30 3.17 -356.04	42.91 2.99 -1.58	38.66 2.75 0.00	40.30 2.31 0.00	40.77 2.20 -0.01	35.60 2.18 -0.10	32.94 1.98 -0.14	31.45 1.95 0.00
GOWANUS_GT3_1 24122	26.45 0.98 -3.42	22.84 0.97 0.00	21.23 0.97 0.00	21.01 0.91 0.00	23.53 1.04 0.00	30.35 1.28 -0.20	33.66 1.67 -0.34	32.63 1.69 -0.07	34.09 1.69 0.00	35.06 2.00 0.00	35.37 2.16 0.00	42.81 2.62 -0.87	36.31 2.47 -0.27	39.75 2.66 -0.06	50.33 3.02 -5.66	97.04 3.52 -46.28	401.30 3.17 -356.04	42.91 2.99 -1.58	38.66 2.75 0.00	40.30 2.31 0.00	40.77 2.20 -0.01	35.60 2.18 -0.10	32.94 1.98 -0.14	31.45 1.95 0.00
GOWANUS_GT3_2 24123	26.45 0.98 -3.42	22.84 0.97 0.00	21.23 0.97 0.00	21.01 0.91 0.00	23.53 1.04 0.00	30.35 1.28 -0.20	33.66 1.67 -0.34	32.63 1.69 -0.07	34.09 1.69 0.00	35.06 2.00 0.00	35.37 2.16 0.00	42.81 2.62 -0.87	36.31 2.47 -0.27	39.75 2.66 -0.06	50.33 3.02 -5.66	97.04 3.52 -46.28	401.30 3.17 -356.04	42.91 2.99 -1.58	38.66 2.75 0.00	40.30 2.31 0.00	40.77 2.20 -0.01	35.60 2.18 -0.10	32.94 1.98 -0.14	31.45 1.95 0.00
GOWANUS_GT3_3 24124	26.45 0.98 -3.42	22.84 0.97 0.00	21.23 0.97 0.00	21.01 0.91 0.00	23.53 1.04 0.00	30.35 1.28 -0.20	33.66 1.67 -0.34	32.63 1.69 -0.07	34.09 1.69 0.00	35.06 2.00 0.00	35.37 2.16 0.00	42.81 2.62 -0.87	36.31 2.47 -0.27	39.75 2.66 -0.06	50.33 3.02 -5.66	97.04 3.52 -46.28	401.30 3.17 -356.04	42.91 2.99 -1.58	38.66 2.75 0.00	40.30 2.31 0.00	40.77 2.20 -0.01	35.60 2.18 -0.10	32.94 1.98 -0.14	31.45 1.95 0.00
GOWANUS_GT3_4 24125	26.45 0.98 -3.42	22.84 0.97 0.00	21.23 0.97 0.00	21.01 0.91 0.00	23.53 1.04 0.00	30.35 1.28 -0.20	33.66 1.67 -0.34	32.63 1.69 -0.07	34.09 1.69 0.00	35.06 2.00 0.00	35.37 2.16 0.00	42.81 2.62 -0.87	36.31 2.47 -0.27	39.75 2.66 -0.06	50.33 3.02 -5.66	97.04 3.52 -46.28	401.30 3.17 -356.04	42.91 2.99 -1.58	38.66 2.75 0.00	40.30 2.31 0.00	40.77 2.20 -0.01	35.60 2.18 -0.10	32.94 1.98 -0.14	31.45 1.95 0.00
GOWANUS_GT3_5 24126	26.45 0.98 -3.42	22.84 0.97 0.00	21.23 0.97 0.00	21.01 0.91 0.00	23.53 1.04 0.00	30.35 1.28 -0.20	33.66 1.67 -0.34	32.63 1.69 -0.07	34.09 1.69 0.00	35.06 2.00 0.00	35.37 2.16 0.00	42.81 2.62 -0.87	36.31 2.47 -0.27	39.75 2.66 -0.06	50.33 3.02 -5.66	97.04 3.52 -46.28	401.30 3.17 -356.04	42.91 2.99 -1.58	38.66 2.75 0.00	40.30 2.31 0.00	40.77 2.20 -0.01	35.60 2.18 -0.10	32.94 1.98 -0.14	31.45 1.95 0.00
GOWANUS_GT3_6 24127	26.45 0.98 -3.42	22.84 0.97 0.00	21.23 0.97 0.00	21.01 0.91 0.00	23.53 1.04 0.00	30.35 1.28 -0.20	33.66 1.67 -0.34	32.63 1.69 -0.07	34.09 1.69 0.00	35.06 2.00 0.00	35.37 2.16 0.00	42.81 2.62 -0.87	36.31 2.47 -0.27	39.75 2.66 -0.06	50.33 3.02 -5.66	97.04 3.52 -46.28	401.30 3.17 -356.04	42.91 2.99 -1.58	38.66 2.75 0.00	40.30 2.31 0.00	40.77 2.20 -0.01	35.60 2.18 -0.10	32.94 1.98 -0.14	31.45 1.95 0.00
GOWANUS_GT3_7 24128	26.45 0.98 -3.42	22.84 0.97 0.00	21.23 0.97 0.00	21.01 0.91 0.00																				

GOWANUS_GT4_7 24136	26.45 0.97 -3.42	22.84 0.97 0.00	21.23 0.97 0.00	21.01 0.91 0.00	23.52 1.03 0.00	30.35 1.28 -0.20	33.66 1.67 -0.34	32.63 1.69 -0.07	34.08 1.69 0.00	35.05 1.99 0.00	35.36 2.15 0.00	42.80 2.62 -0.87	36.31 2.47 -0.27	39.74 2.65 -0.06	50.33 3.02 -5.66	97.05 3.53 -46.28	401.30 3.17 -356.04	42.91 2.99 -1.58	38.66 2.75 0.00	40.30 2.31 0.00	40.78 2.21 -0.01	35.60 2.18 -0.10	32.94 1.97 -0.14	31.45 1.95 0.00
GOWANUS_GT4_8 24137	26.45 0.97 -3.42	22.84 0.97 0.00	21.23 0.97 0.00	21.01 0.91 0.00	23.52 1.03 0.00	30.35 1.28 -0.20	33.66 1.67 -0.34	32.63 1.69 -0.07	34.08 1.69 0.00	35.05 1.99 0.00	35.36 2.15 0.00	42.80 2.62 -0.87	36.31 2.47 -0.27	39.74 2.65 -0.06	50.33 3.02 -5.66	97.05 3.53 -46.28	401.30 3.17 -356.04	42.91 2.99 -1.58	38.66 2.75 0.00	40.30 2.31 0.00	40.78 2.21 -0.01	35.60 2.18 -0.10	32.94 1.97 -0.14	31.45 1.95 0.00
GREENBSH_115KV_TB3 55895	18.30 0.08 3.83	21.95 0.07 0.00	20.40 0.14 0.00	20.22 0.12 0.00	22.62 0.13 0.00	28.80 0.15 0.22	31.56 0.31 0.39	30.23 0.49 1.13	18.44 0.56 14.51	18.39 0.71 15.37	33.89 0.68 0.00	39.05 0.83 1.10	34.05 0.74 0.26	37.87 0.92 0.08	49.70 1.28 -6.78	48.52 1.28 0.00	43.32 1.22 0.00	39.51 1.16 0.00	36.90 0.99 0.00	39.03 1.05 0.00	39.46 0.90 0.00	33.76 0.56 0.11	31.13 0.47 0.17	30.03 0.53 0.00
GREENDGE_115KV_TB5 80291	22.98 0.93 0.00	22.76 0.89 0.00	20.93 0.67 0.00	20.77 0.67 0.00	23.35 0.86 0.00	30.08 1.21 0.00	32.95 1.30 0.00	32.29 1.33 -0.09	33.99 1.03 -0.57	34.24 0.59 -0.59	34.60 0.81 -0.58	40.99 0.84 -0.84	34.89 0.70 -0.61	38.51 0.74 -0.75	43.66 0.51 -1.50	49.18 0.77 -1.18	43.69 0.64 -0.96	40.23 1.08 -0.80	37.58 0.96 -0.71	39.53 0.76 -0.79	40.14 0.76 -0.82	34.61 0.72 -0.59	32.10 0.83 -0.44	30.29 0.55 -0.23
GREENIDGE___3 23582	22.98 0.93 0.00	22.76 0.89 0.00	20.93 0.67 0.00	20.77 0.67 0.00	23.35 0.86 0.00	30.08 1.21 0.00	32.95 1.30 0.00	32.29 1.33 -0.09	33.99 1.03 -0.57	34.24 0.59 -0.59	34.60 0.81 -0.58	40.99 0.84 -0.84	34.89 0.70 -0.61	38.51 0.74 -0.75	43.66 0.51 -1.50	49.18 0.77 -1.18	43.69 0.64 -0.96	40.23 1.08 -0.80	37.58 0.96 -0.71	39.53 0.76 -0.79	40.14 0.76 -0.82	34.61 0.72 -0.59	32.10 0.83 -0.44	30.29 0.55 -0.23
GREENIDGE___4 23583	22.98 0.93 0.00	22.76 0.88 0.00	20.93 0.66 0.00	20.78 0.67 0.00	23.35 0.86 0.00	30.07 1.20 0.00	32.95 1.30 0.00	32.29 1.33 -0.09	33.99 1.03 -0.57	34.24 0.59 -0.59	34.60 0.80 -0.58	40.98 0.83 -0.84	34.88 0.70 -0.61	38.51 0.74 -0.75	43.66 0.51 -1.50	49.18 0.77 -1.18	43.69 0.63 -0.96	40.24 1.09 -0.80	37.58 0.97 -0.71	39.54 0.76 -0.79	40.15 0.77 -0.82	34.61 0.72 -0.59	32.10 0.83 -0.44	30.29 0.55 -0.23
GREENLWN_69_KV_BK 3 55738	26.52 1.04 -3.42	22.93 1.05 0.00	21.34 1.08 0.00	21.13 1.03 0.00	23.70 1.21 0.00	30.61 1.54 -0.20	33.71 1.72 -0.34	32.84 1.90 -0.07	34.27 1.87 0.00	35.15 2.08 0.00	35.46 2.39 0.14	42.69 2.51 -0.87	36.30 2.53 -0.20	17.64 0.74 22.26	41.73 3.30 3.22	51.14 3.91 0.00	45.33 3.38 0.14	41.80 3.46 0.02	38.82 2.98 0.06	40.47 2.48 0.00	40.88 2.32 0.00	35.59 2.19 -0.09	32.85 1.88 -0.13	31.32 1.82 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	26.45 0.97 -3.42	22.84 0.97 0.00	21.23 0.97 0.00	21.01 0.91 0.00	23.52 1.03 0.00	30.35 1.28 -0.20	33.66 1.67 -0.34	32.63 1.69 -0.07	34.08 1.69 0.00	35.05 1.99 0.00	35.36 2.15 0.00	42.80 2.62 -0.87	36.31 2.47 -0.27	39.74 2.65 -0.06	50.33 3.02 -5.66	97.05 3.53 -46.28	401.30 3.17 -356.04	42.91 2.99 -1.58	38.66 2.75 0.00	40.30 2.31 0.00	40.78 2.21 -0.01	35.60 2.18 -0.10	32.94 1.97 -0.14	31.45 1.95 0.00
GRISSOM___SOLAR 323813	21.19 2.60 3.46	24.44 2.56 0.00	22.57 2.31 0.00	22.39 2.29 0.00	25.14 2.64 0.00	32.26 3.58 0.20	35.45 4.16 0.35	34.99 4.19 0.08	36.36 3.96 0.00	36.89 3.83 0.00	37.06 3.85 0.00	42.54 4.22 0.99	36.05 2.72 0.23	39.83 2.87 0.07	52.18 3.58 -6.95	50.97 3.74 0.00	46.63 4.53 0.00	43.15 4.80 0.00	40.80 4.90 0.00	43.03 5.04 0.00	43.60 5.03 0.00	37.58 4.37 0.10	34.46 3.78 0.15	32.95 3.45 0.00
GROVEVILLE___HYD 323602	25.57 0.92 -2.60	22.80 0.92 0.00	21.17 0.90 0.00	20.96 0.86 0.00	23.47 0.98 0.00	30.26 1.24 -0.15	33.50 1.59 -0.26	32.65 1.73 -0.05	34.18 1.78 0.00	35.05 1.99 0.00	35.32 2.11 0.00	42.58 2.61 -0.65	36.11 2.39 -0.16	39.74 2.67 -0.05	50.19 3.21 -5.33	50.99 3.75 0.00	45.45 3.36 0.00	41.52 3.17 0.00	38.74 2.84 0.00	40.61 2.62 0.00	41.03 2.47 0.00	35.50 2.12 -0.07	32.77 1.84 -0.10	31.30 1.79 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	22.31 0.26 0.00	22.13 0.26 0.00	20.47 0.20 0.00	20.29 0.19 0.00	22.72 0.23 0.00	29.25 0.38 0.00	32.06 0.41 0.00	31.48 0.25 -0.36	34.78 0.12 -2.27	35.43 0.01 -2.35	35.57 0.04 -2.32	42.63 0.03 -3.29	36.01 0.04 -2.40	40.01 0.03 -2.95	45.61 -0.08 -4.04	51.86 0.01 -4.62	45.90 0.03 -3.77	41.76 0.24 -3.17	38.86 0.16 -2.80	41.11 0.01 -3.11	41.76 -0.02 -3.21	35.55 -0.07 -2.31	32.49 -0.07 -1.74	30.29 -0.12 -0.91
HAMLTNNY_34_KV_TB 80303	22.40 0.36 0.00	22.22 0.35 0.00	20.52 0.26 0.00	20.36 0.26 0.00	22.80 0.31 0.00	29.37 0.50 0.00	32.18 0.54 0.00	31.63 0.38 -0.38	35.04 0.23 -2.41	35.68 0.11 -2.51	35.86 0.17 -2.47	42.98 0.17 -3.50	36.31 0.18 -2.56	40.35 0.18 -3.14	46.06 0.11 -4.30	52.40 0.25 -4.92	46.30 0.19 -4.01	42.16 0.44 -3.37	39.21 0.34 -2.97	41.48 0.18 -3.31	42.11 0.13 -3.42	35.83 0.06 -2.46	32.72 0.05 -1.85	30.43 -0.04 -0.97
HAMPSHIRE___PAPER_HYD 323593	22.27 0.22 0.00	22.07 0.20 0.00	20.41 0.14 0.00	20.26 0.16 0.00	22.60 0.11 0.00	29.00 0.13 0.00	31.76 0.11 0.00	31.06 0.06 -0.13	33.36 0.17 -0.81	33.87 -0.03 -0.84	33.83 -0.20 -0.83	39.99 -0.49 -1.17	33.81 -0.61 -0.85	37.33 -0.75 -1.05	41.98 -1.00 -1.33	47.68 -1.19 -1.64	42.38 -1.05 -1.34	38.61 -0.86 -1.12	36.51 -0.38 -0.99	39.08 -0.01 -1.10	39.83 0.13 -1.14	34.32 0.18 -0.82	31.67 0.23 -0.62	30.12 0.29 -0.32
HARDSCRABBLE_WT_PWR 323673	21.98 -0.07 0.00	21.76 -0.12 0.00	20.22 -0.05 0.00	20.03 -0.07 0.00	22.43 -0.06 0.00	28.80 -0.07 0.00	31.81 0.16 0.00	31.28 0.41 0.00	32.98 0.59 0.00	33.84 0.77 0.00	34.02 0.81 0.00	40.23 0.91 0.00	34.32 0.75 0.00	37.83 0.80 0.00	42.73 1.08 0.00	48.18 0.94 0.00	43.08 0.98 0.00	39.46 1.11 0.00	36.92 1.01 0.00	39.10 1.11 0.00	39.57 1.01 0.00	33.97 0.66 0.00	31.30 0.47 0.00	29.95 0.45 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	25.70 0.77 -2.88	22.64 0.77 0.00	21.03 0.76 0.00	20.81 0.71 0.00	23.33 0.84 0.00	30.08 1.05 -0.16	33.34 1.40 -0.29	32.44 1.51 -0.06	33.91 1.51 0.00	34.77 1.70 0.00	35.08 1.86 0.00	42.41 2.35 -0.74	35.89 2.15 -0.17	39.46 2.38 -0.05	49.28 2.87 -4.76	50.59 3.36 0.00	45.09 2.99 0.00	41.20 2.86 0.00	38.46 2.55 0.00	40.25 2.26 0.00	40.65 2.09 0.00	35.24 1.85 -0.08	32.54 1.60 -0.11	31.08 1.58 0.00

HARSNRAD_115KV_TB1 81005	22.98 0.93 0.00	22.69 0.82 0.00	20.70 0.44 0.00	20.58 0.48 0.00	23.23 0.74 0.00	30.07 1.20 0.00	32.65 1.01 0.00	31.24 0.37 0.00	32.27 -0.12 0.00	32.41 -0.65 0.00	32.75 -0.46 0.00	38.87 -0.45 0.00	33.00 -0.57 0.00	36.30 -0.73 0.00	40.62 -1.46 -0.43	45.94 -1.30 0.00	40.98 -1.11 0.00	38.29 -0.05 0.00	35.82 -0.08 0.00	37.38 -0.61 0.00	38.10 -0.46 0.00	33.24 -0.07 0.00	31.14 0.31 0.00	29.53 0.02 0.00
HARZA MOOSE__RIVER 24016	22.62 0.57 0.00	22.42 0.54 0.00	20.73 0.47 0.00	20.57 0.47 0.00	23.03 0.53 0.00	29.65 0.78 0.00	32.65 1.00 0.00	31.95 0.97 -0.10	34.13 1.05 -0.69	34.79 1.02 -0.71	34.89 0.97 -0.70	41.25 0.94 -1.00	34.92 0.62 -0.73	38.56 0.64 -0.90	43.38 0.49 -1.24	49.06 0.42 -1.40	43.70 0.46 -1.15	40.12 0.81 -0.96	37.86 1.11 -0.85	40.24 1.31 -0.94	40.90 1.37 -0.97	35.19 1.18 -0.70	32.41 1.05 -0.53	30.70 0.92 -0.27
HDSNBRDG_115KV_BRDG_TB1 355580	22.19 0.14 0.00	22.00 0.12 0.00	20.33 0.07 0.00	20.17 0.06 0.00	22.61 0.11 0.00	29.07 0.20 0.00	31.83 0.18 0.00	31.06 0.01 -0.18	33.37 -0.14 -1.11	33.95 -0.27 -1.16	34.09 -0.26 -1.15	40.63 -0.30 -1.62	34.50 -0.26 -1.19	38.18 -0.31 -1.45	43.33 -0.45 -2.13	49.08 -0.43 -2.28	43.63 -0.32 -1.86	39.85 -0.06 -1.56	37.16 -0.13 -1.38	39.22 -0.30 -1.53	39.81 -0.33 -1.58	34.12 -0.33 -1.14	31.39 -0.30 -0.86	29.63 -0.33 -0.45
HELLGATE_13_KV_LD 55870	26.35 0.88 -3.42	22.76 0.88 0.00	21.15 0.88 0.00	20.93 0.83 0.00	23.44 0.94 0.00	30.23 1.16 -0.20	33.52 1.53 -0.34	32.57 1.63 -0.07	34.02 1.63 0.00	34.94 1.88 0.00	35.22 2.01 0.00	42.61 2.42 -0.87	36.07 2.30 -0.21	39.53 2.43 -0.06	49.75 2.80 -5.30	50.51 3.27 0.00	45.02 2.92 0.00	41.11 2.76 0.00	38.45 2.54 0.00	40.11 2.12 0.00	40.59 2.03 0.00	35.43 2.02 -0.09	32.76 1.80 -0.13	31.29 1.79 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	26.35 0.88 -3.42	22.76 0.88 0.00	21.15 0.88 0.00	20.93 0.83 0.00	23.44 0.94 0.00	30.23 1.16 -0.20	33.52 1.53 -0.34	32.57 1.63 -0.07	34.02 1.63 0.00	34.94 1.88 0.00	35.22 2.01 0.00	42.61 2.42 -0.87	36.07 2.30 -0.21	39.53 2.43 -0.06	49.75 2.80 -5.30	50.51 3.27 0.00	45.02 2.92 0.00	41.11 2.76 0.00	38.45 2.54 0.00	40.11 2.12 0.00	40.59 2.03 0.00	35.43 2.02 -0.09	32.76 1.80 -0.13	31.29 1.79 0.00
HEMPSTEAD____ 23647	26.46 0.99 -3.42	22.86 0.99 0.00	21.26 0.99 0.00	21.05 0.94 0.00	23.60 1.11 0.00	30.47 1.40 -0.20	33.65 1.66 -0.34	32.74 1.81 -0.07	34.19 1.79 0.00	35.12 2.06 0.00	35.55 2.34 0.00	42.83 2.65 -0.87	36.36 2.58 -0.21	39.93 2.84 -0.06	50.22 3.27 -5.30	51.12 3.89 0.00	45.44 3.34 0.00	41.71 3.36 0.00	38.87 2.97 0.00	40.52 2.53 0.00	40.93 2.37 0.00	35.62 2.22 -0.09	32.91 1.95 -0.13	31.40 1.90 0.00
HEWLETT__69_KV_BK3 55828	26.75 1.27 -3.42	23.14 1.26 0.00	21.51 1.25 0.00	21.30 1.20 0.00	23.88 1.38 0.00	30.84 1.77 -0.20	34.00 2.01 -0.34	32.98 2.04 -0.07	34.47 2.07 0.00	35.40 2.34 0.00	35.90 2.69 0.00	43.22 3.04 -0.87	36.73 2.96 -0.21	40.31 3.22 -0.06	50.69 3.74 -5.30	51.66 4.43 0.00	45.93 3.84 0.00	42.18 3.83 0.00	39.23 3.33 0.00	40.94 2.95 0.00	41.34 2.78 0.00	36.02 2.62 -0.09	33.31 2.35 -0.13	31.80 2.30 0.00
HICKLING__1 23621	22.85 0.80 0.00	22.68 0.81 0.00	20.84 0.57 0.00	20.68 0.57 0.00	23.23 0.74 0.00	29.93 1.06 0.00	32.97 1.32 0.00	32.19 1.22 -0.09	33.95 0.96 -0.60	34.37 0.68 -0.63	34.62 0.79 -0.62	41.19 0.98 -0.89	35.03 0.81 -0.65	38.76 0.93 -0.80	44.06 0.71 -1.70	49.48 0.99 -1.25	43.90 0.79 -1.02	40.48 1.27 -0.86	37.63 0.97 -0.76	39.48 0.64 -0.84	40.24 0.81 -0.87	34.68 0.74 -0.63	32.08 0.78 -0.47	30.25 0.49 -0.25
HICKLING__2 23622	22.85 0.80 0.00	22.68 0.81 0.00	20.84 0.57 0.00	20.68 0.57 0.00	23.23 0.74 0.00	29.93 1.06 0.00	32.97 1.32 0.00	32.19 1.22 -0.09	33.95 0.96 -0.60	34.37 0.68 -0.63	34.62 0.79 -0.62	41.19 0.98 -0.89	35.03 0.81 -0.65	38.76 0.93 -0.80	44.06 0.71 -1.70	49.48 0.99 -1.25	43.90 0.79 -1.02	40.48 1.27 -0.86	37.63 0.97 -0.76	39.48 0.64 -0.84	40.24 0.81 -0.87	34.68 0.74 -0.63	32.08 0.78 -0.47	30.25 0.49 -0.25
HIGH FALLS__HY 23754	24.30 0.86 -1.39	22.73 0.85 0.00	21.11 0.84 0.00	20.89 0.79 0.00	23.40 0.91 0.00	30.10 1.15 -0.08	33.28 1.49 -0.14	32.38 1.60 0.09	32.41 1.64 1.62	33.12 1.79 1.74	35.15 1.94 0.00	41.89 2.24 -0.33	35.82 2.18 -0.08	39.32 2.27 -0.02	49.56 2.74 -5.17	50.85 3.62 0.00	45.30 3.20 0.00	41.36 3.02 0.00	38.62 2.71 0.00	40.47 2.49 0.00	40.90 2.34 0.00	35.44 2.09 -0.03	32.67 1.79 -0.05	31.21 1.71 0.00
HILLBURN__GT 23639	25.74 0.69 -3.00	22.56 0.68 0.00	20.97 0.70 0.00	20.75 0.65 0.00	23.26 0.77 0.00	30.00 0.96 -0.17	33.26 1.31 -0.30	32.34 1.41 -0.06	33.79 1.40 0.00	34.65 1.59 0.00	34.96 1.75 0.00	42.28 2.20 -0.77	35.77 2.02 -0.18	39.31 2.23 -0.05	49.18 2.66 -4.88	50.36 3.13 0.00	44.89 2.80 0.00	41.03 2.69 0.00	38.31 2.40 0.00	40.05 2.06 0.00	40.43 1.87 0.00	35.10 1.71 -0.08	32.43 1.49 -0.12	31.01 1.51 0.00
HILLSIDE_115KV_TB1 80332	22.44 0.40 0.00	22.30 0.42 0.00	20.50 0.23 0.00	20.33 0.23 0.00	22.81 0.32 0.00	29.36 0.48 0.00	32.35 0.70 0.00	31.64 0.67 -0.10	33.45 0.41 -0.64	33.93 0.19 -0.67	34.12 0.25 -0.66	40.62 0.36 -0.95	34.53 0.27 -0.69	38.21 0.33 -0.85	43.51 0.08 -1.78	48.84 0.27 -1.33	43.29 0.11 -1.09	39.93 0.66 -0.91	37.09 0.38 -0.81	38.89 0.00 -0.90	39.67 0.19 -0.93	34.17 0.20 -0.66	31.61 0.28 -0.50	29.80 0.03 -0.26
HISHELDN_WT_PWR 323625	22.97 0.92 0.00	22.75 0.88 0.00	20.80 0.53 0.00	20.66 0.55 0.00	23.28 0.79 0.00	30.10 1.23 0.00	32.85 1.20 0.00	31.59 0.72 0.00	32.68 0.29 0.00	32.91 -0.15 0.00	33.23 0.02 0.00	39.38 0.07 0.00	33.54 -0.03 0.00	36.93 -0.10 0.00	41.46 -0.69 -0.50	46.76 -0.47 0.00	41.69 -0.41 0.00	38.81 0.47 0.00	36.21 0.30 0.00	37.84 -0.15 0.00	38.58 0.02 0.00	33.57 0.26 0.00	31.36 0.53 0.00	29.74 0.24 0.00
HOLTSVILLE_IC_1 23690	26.75 1.28 -3.42	23.14 1.27 0.00	21.56 1.29 0.00	21.34 1.25 0.00	23.93 1.45 0.00	30.92 1.85 -0.20	34.14 2.14 -0.34	33.27 2.34 -0.07	34.71 2.32 0.00	35.68 2.62 0.00	36.73 2.88 -0.64	43.39 3.19 -0.88	36.87 3.08 -0.22	209.50 3.35 -169.12	88.39 3.80 -42.94	51.74 4.49 -0.02	46.56 3.85 -0.61	42.30 3.87 -0.07	39.59 3.44 -0.25	40.98 2.99 0.00	41.43 2.87 0.00	36.06 2.66 -0.09	33.18 2.22 -0.13	31.62 2.11 0.00
HOLTSVILLE_IC_10 23699	26.91 1.44 -3.42	23.30 1.42 0.00	21.69 1.43 0.00	21.47 1.37 0.00	24.09 1.60 0.00	31.13 2.06 -0.20	34.39 2.40 -0.34	33.53 2.59 -0.07	35.00 2.61 0.00	36.00 2.93 0.00	37.11 3.22 -0.68	43.75 3.56 -0.88	37.20 3.41 -0.22	212.10 3.76 -171.31	91.74 4.25 -45.84	52.23 4.97 -0.02	47.05 4.29 -0.66	42.75 4.32 -0.08	40.02 3.85 -0.27	41.39 3.40 0.00	41.82 3.26 0.00	36.37 2.97 -0.09	33.43 2.47 -0.13	31.84 2.34 0.00

HOLTSVILLE_IC_2 23691	26.75 1.28 -3.42	23.14 1.27 0.00	21.56 1.29 0.00	21.34 1.25 0.00	23.93 1.45 0.00	30.92 1.85 -0.20	34.14 2.14 -0.34	33.27 2.34 -0.07	34.71 2.32 0.00	35.68 2.62 0.00	36.73 2.88 -0.64	43.39 3.19 -0.88	36.87 3.08 -0.22	209.50 3.35 -169.12	88.39 3.80 -42.94	51.74 4.49 -0.02	46.56 3.85 -0.61	42.30 3.87 -0.07	39.59 3.44 -0.25	40.98 2.99 0.00	41.43 2.87 0.00	36.06 2.66 -0.09	33.18 2.22 -0.13	31.62 2.11 0.00
HOLTSVILLE_IC_3 23692	26.75 1.28 -3.42	23.14 1.27 0.00	21.56 1.29 0.00	21.34 1.25 0.00	23.93 1.45 0.00	30.92 1.85 -0.20	34.14 2.14 -0.34	33.27 2.34 -0.07	34.71 2.32 0.00	35.68 2.62 0.00	36.73 2.88 -0.64	43.39 3.19 -0.88	36.87 3.08 -0.22	209.50 3.35 -169.12	88.39 3.80 -42.94	51.74 4.49 -0.02	46.56 3.85 -0.61	42.30 3.87 -0.07	39.59 3.44 -0.25	40.98 2.99 0.00	41.43 2.87 0.00	36.06 2.66 -0.09	33.18 2.22 -0.13	31.62 2.11 0.00
HOLTSVILLE_IC_4 23693	26.75 1.28 -3.42	23.14 1.27 0.00	21.56 1.29 0.00	21.34 1.25 0.00	23.93 1.45 0.00	30.92 1.85 -0.20	34.14 2.14 -0.34	33.27 2.34 -0.07	34.71 2.32 0.00	35.68 2.62 0.00	36.73 2.88 -0.64	43.39 3.19 -0.88	36.87 3.08 -0.22	209.50 3.35 -169.12	88.39 3.80 -42.94	51.74 4.49 -0.02	46.56 3.85 -0.61	42.30 3.87 -0.07	39.59 3.44 -0.25	40.98 2.99 0.00	41.43 2.87 0.00	36.06 2.66 -0.09	33.18 2.22 -0.13	31.62 2.11 0.00
HOLTSVILLE_IC_5 23694	26.75 1.28 -3.42	23.14 1.27 0.00	21.56 1.29 0.00	21.34 1.25 0.00	23.93 1.45 0.00	30.92 1.85 -0.20	34.14 2.14 -0.34	33.27 2.34 -0.07	34.71 2.32 0.00	35.68 2.62 0.00	36.73 2.88 -0.64	43.39 3.19 -0.88	36.87 3.08 -0.22	209.50 3.35 -169.12	88.39 3.80 -42.94	51.74 4.49 -0.02	46.56 3.85 -0.61	42.30 3.87 -0.07	39.59 3.44 -0.25	40.98 2.99 0.00	41.43 2.87 0.00	36.06 2.66 -0.09	33.18 2.22 -0.13	31.62 2.11 0.00
HOLTSVILLE_IC_6 23695	26.91 1.44 -3.42	23.30 1.42 0.00	21.69 1.43 0.00	21.47 1.37 0.00	24.09 1.60 0.00	31.13 2.06 -0.20	34.39 2.40 -0.34	33.53 2.59 -0.07	35.00 2.61 0.00	36.00 2.93 0.00	37.11 3.22 -0.68	43.75 3.56 -0.88	37.20 3.41 -0.22	212.10 3.76 -171.31	91.74 4.25 -45.84	52.23 4.97 -0.02	47.05 4.29 -0.66	42.75 4.32 -0.08	40.02 3.85 -0.27	41.39 3.40 0.00	41.82 3.26 0.00	36.37 2.97 -0.09	33.43 2.47 -0.13	31.84 2.34 0.00
HOLTSVILLE_IC_7 23696	26.91 1.44 -3.42	23.30 1.42 0.00	21.69 1.43 0.00	21.47 1.37 0.00	24.09 1.60 0.00	31.13 2.06 -0.20	34.39 2.40 -0.34	33.53 2.59 -0.07	35.00 2.61 0.00	36.00 2.93 0.00	37.11 3.22 -0.68	43.75 3.56 -0.88	37.20 3.41 -0.22	212.10 3.76 -171.31	91.74 4.25 -45.84	52.23 4.97 -0.02	47.05 4.29 -0.66	42.75 4.32 -0.08	40.02 3.85 -0.27	41.39 3.40 0.00	41.82 3.26 0.00	36.37 2.97 -0.09	33.43 2.47 -0.13	31.84 2.34 0.00
HOLTSVILLE_IC_8 23697	26.91 1.44 -3.42	23.30 1.42 0.00	21.69 1.43 0.00	21.47 1.37 0.00	24.09 1.60 0.00	31.13 2.06 -0.20	34.39 2.40 -0.34	33.53 2.59 -0.07	35.00 2.61 0.00	36.00 2.93 0.00	37.11 3.22 -0.68	43.75 3.56 -0.88	37.20 3.41 -0.22	212.10 3.76 -171.31	91.74 4.25 -45.84	52.23 4.97 -0.02	47.05 4.29 -0.66	42.75 4.32 -0.08	40.02 3.85 -0.27	41.39 3.40 0.00	41.82 3.26 0.00	36.37 2.97 -0.09	33.43 2.47 -0.13	31.84 2.34 0.00
HOLTSVILLE_IC_9 23698	26.91 1.44 -3.42	23.30 1.42 0.00	21.69 1.43 0.00	21.47 1.37 0.00	24.09 1.60 0.00	31.13 2.06 -0.20	34.39 2.40 -0.34	33.53 2.59 -0.07	35.00 2.61 0.00	36.00 2.93 0.00	37.11 3.22 -0.68	43.75 3.56 -0.88	37.20 3.41 -0.22	212.10 3.76 -171.31	91.74 4.25 -45.84	52.23 4.97 -0.02	47.05 4.29 -0.66	42.75 4.32 -0.08	40.02 3.85 -0.27	41.39 3.40 0.00	41.82 3.26 0.00	36.37 2.97 -0.09	33.43 2.47 -0.13	31.84 2.34 0.00
HOMER_HL_115KV_TB2 355744	22.95 0.90 0.00	22.84 0.96 0.00	20.94 0.68 0.00	20.77 0.67 0.00	23.42 0.93 0.00	30.26 1.39 0.00	33.22 1.58 0.00	32.06 1.19 0.00	33.33 0.93 0.00	33.62 0.55 0.00	33.87 0.66 0.00	39.95 0.63 0.00	33.92 0.35 0.00	37.41 0.38 0.00	42.13 -0.04 -0.51	47.41 0.18 0.00	42.28 0.18 0.00	39.36 1.01 0.00	36.57 0.66 0.00	38.11 0.13 0.00	38.81 0.25 0.00	33.84 0.52 0.00	31.61 0.78 0.00	30.17 0.66 0.00
HOWARD_WT_PWR 323690	23.23 1.18 0.00	23.01 1.14 0.00	21.10 0.83 0.00	20.95 0.84 0.00	23.58 1.09 0.00	30.45 1.58 0.00	33.43 1.78 0.00	32.43 1.56 0.00	33.61 1.21 0.00	33.86 0.80 0.00	34.17 0.96 0.00	40.46 1.15 0.00	34.49 0.92 0.00	38.00 0.97 0.00	42.76 0.53 -0.58	48.09 0.86 0.00	42.75 0.65 0.00	39.59 1.24 0.00	36.98 1.08 0.00	38.81 0.82 0.00	39.57 1.01 0.00	34.34 1.03 0.00	31.96 1.14 0.00	30.31 0.80 0.00
HQ_GEN_CEDARS 23644	22.00 -0.05 0.00	21.83 -0.05 0.00	20.18 -0.08 0.00	20.04 -0.06 0.00	22.36 -0.13 0.00	28.66 -0.21 0.00	31.30 -0.34 0.00	30.51 -0.37 0.00	32.21 -0.19 0.00	32.77 -0.29 0.00	32.80 -0.41 0.00	38.77 -0.54 0.00	33.04 -0.53 0.00	36.41 -0.62 0.00	40.96 -0.69 0.00	46.52 -0.71 0.00	41.40 -0.70 0.00	37.40 -0.95 0.00	35.19 -0.72 0.00	37.53 -0.46 0.00	38.23 -0.33 0.00	33.13 -0.17 0.00	30.74 -0.09 0.00	29.48 -0.03 0.00
HQ_GEN_CEDARS_PROXY 323590	22.00 -0.05 0.00	21.83 -0.05 0.00	20.18 -0.08 0.00	20.04 -0.06 0.00	22.36 -0.13 0.00	28.66 -0.21 0.00	31.30 -0.35 0.00	30.51 -0.36 0.00	32.21 -0.19 0.00	32.77 -0.29 0.00	32.80 -0.41 0.00	38.77 -0.54 0.00	32.31 -0.53 0.73	36.41 -0.62 0.00	40.96 -0.69 0.00	46.52 -0.72 0.00	41.39 -0.70 0.00	37.40 -0.95 0.00	35.19 -0.72 0.00	37.52 -0.46 0.00	38.23 -0.33 0.00	33.14 -0.17 0.00	30.74 -0.09 0.00	29.48 -0.03 0.00
HQ_GEN_IMPORT 323601	21.86 -0.19 0.00	21.70 -0.18 0.00	20.08 -0.18 0.00	19.94 -0.16 0.00	22.27 -0.22 0.00	28.58 -0.29 0.00	30.79 -0.37 0.49	30.51 -0.36 0.00	32.12 -0.27 0.00	32.76 -0.30 0.00	31.79 -0.34 1.08	40.80 -0.43 -1.91	34.60 -0.39 -1.42	36.59 -0.44 0.00	41.16 -0.49 0.00	46.68 -0.55 0.00	41.55 -0.55 0.00	37.60 -0.75 0.00	35.27 -0.64 0.00	37.52 -0.47 0.00	38.20 -0.36 0.00	32.70 -0.25 0.36	30.62 -0.21 0.00	29.30 -0.20 0.00
HQ_GEN_WHEEL 23651	21.86 -0.19 0.00	21.70 -0.18 0.00	20.08 -0.18 0.00	19.94 -0.16 0.00	22.27 -0.22 0.00	28.58 -0.29 0.00	30.79 -0.37 0.49	30.51 -0.36 0.00	32.12 -0.27 0.00	32.76 -0.30 0.00	31.79 -0.34 1.08	40.80 -0.43 -1.91	34.60 -0.39 -1.42	36.59 -0.44 0.00	41.16 -0.49 0.00	46.68 -0.55 0.00	41.55 -0.55 0.00	37.60 -0.75 0.00	35.27 -0.64 0.00	37.52 -0.47 0.00	38.20 -0.36 0.00	32.70 -0.25 0.36	30.62 -0.21 0.00	29.30 -0.20 0.00
HUDSON_AVE_GT_3 23810	26.40 0.93 -3.42	22.80 0.93 0.00	21.20 0.93 0.00	20.98 0.87 0.00	23.51 1.02 0.00	30.31 1.24 -0.20	33.59 1.60 -0.34	32.67 1.73 -0.07	34.15 1.75 0.00	35.12 2.06 0.00	35.43 2.22 0.00	42.88 2.69 -0.87	36.27 2.50 -0.21	39.78 2.69 -0.06	50.09 3.14 -5.30	50.91 3.67 0.00	45.35 3.26 0.00	41.41 3.06 0.00	38.66 2.75 0.00	40.35 2.37 0.00	40.81 2.25 0.00	35.59 2.19 -0.09	32.92 1.95 -0.13	31.44 1.94 0.00

HUDSON AVE_GT_4 23540	26.40 0.93 -3.42	22.80 0.93 0.00	21.20 0.93 0.00	20.98 0.87 0.00	23.51 1.02 0.00	30.31 1.24 -0.20	33.59 1.60 -0.34	32.67 1.73 -0.07	34.15 1.75 0.00	35.12 2.06 0.00	35.43 2.22 0.00	42.88 2.69 -0.87	36.27 2.50 -0.21	39.78 2.69 -0.06	50.09 3.14 -5.30	50.91 3.67 0.00	45.35 3.26 0.00	41.41 3.06 0.00	38.66 2.75 0.00	40.35 2.37 0.00	40.81 2.25 0.00	35.59 2.19 -0.09	32.92 1.95 -0.13	31.44 1.94 0.00
HUDSON AVE_GT_5 23657	26.40 0.93 -3.42	22.80 0.93 0.00	21.20 0.93 0.00	20.98 0.87 0.00	23.51 1.02 0.00	30.31 1.24 -0.20	33.59 1.60 -0.34	32.67 1.73 -0.07	34.15 1.75 0.00	35.12 2.06 0.00	35.43 2.22 0.00	42.88 2.69 -0.87	36.27 2.50 -0.21	39.78 2.69 -0.06	50.09 3.14 -5.30	50.91 3.67 0.00	45.35 3.26 0.00	41.41 3.06 0.00	38.66 2.75 0.00	40.35 2.37 0.00	40.81 2.25 0.00	35.59 2.19 -0.09	32.92 1.95 -0.13	31.44 1.94 0.00
HUDSON_AVE_10 24168	26.30 0.83 -3.42	22.70 0.83 0.00	21.10 0.83 0.00	20.88 0.78 0.00	23.39 0.89 0.00	30.16 1.09 -0.20	33.43 1.44 -0.34	32.51 1.58 -0.07	33.99 1.60 0.00	34.97 1.91 0.00	35.21 2.00 0.00	42.66 2.48 -0.87	36.07 2.30 -0.21	39.56 2.47 -0.06	49.85 2.90 -5.30	50.63 3.39 0.00	45.13 3.04 0.00	41.20 2.85 0.00	38.48 2.57 0.00	40.16 2.17 0.00	40.60 2.04 0.00	35.41 2.00 -0.09	32.77 1.80 -0.13	31.28 1.78 0.00
HUDSON___115KV_TB 4 355613	19.91 0.60 2.74	22.43 0.55 0.00	20.83 0.56 0.00	20.65 0.55 0.00	23.12 0.62 0.00	29.55 0.83 0.16	32.49 1.13 0.28	31.43 1.39 0.83	23.24 1.52 10.67	23.38 1.63 11.32	34.66 1.45 0.00	40.26 1.75 0.80	34.84 1.46 0.19	38.81 1.84 0.06	50.56 2.33 -6.59	49.63 2.39 0.00	44.22 2.13 0.00	40.55 2.21 0.00	37.97 2.07 0.00	40.22 2.23 0.00	40.64 2.08 0.00	34.72 1.49 0.08	31.97 1.27 0.12	30.73 1.22 0.00
HUNTER MOUNT___DRP 323613	20.93 0.74 1.86	22.55 0.67 0.00	20.94 0.67 0.00	20.77 0.67 0.00	23.24 0.75 0.00	29.81 1.04 0.11	32.83 1.38 0.19	31.92 1.69 0.65	25.87 1.85 8.37	26.12 1.94 8.88	34.88 1.67 0.00	40.78 2.03 0.57	35.06 1.62 0.13	39.13 2.14 0.04	50.63 2.61 -6.37	49.83 2.60 0.00	44.39 2.29 0.00	40.81 2.46 0.00	38.24 2.34 0.00	40.59 2.60 0.00	41.00 2.44 0.00	34.98 1.73 0.06	32.22 1.48 0.09	30.90 1.39 0.00
HUNTINGTON_RES_REC 323705	26.70 1.22 -3.42	23.08 1.20 0.00	21.49 1.23 0.00	21.28 1.18 0.00	23.87 1.38 0.00	30.84 1.77 -0.20	34.00 2.01 -0.34	33.16 2.22 -0.07	34.61 2.22 0.00	35.54 2.48 0.00	36.74 2.78 -0.75	43.21 3.00 -0.89	36.71 2.92 -0.22	270.04 3.28 -229.74	148.35 3.74 -102.96	51.74 4.45 -0.05	47.57 3.88 -1.60	42.44 3.89 -0.20	39.96 3.40 -0.65	40.89 2.90 0.00	41.29 2.73 0.00	35.94 2.54 -0.09	33.10 2.14 -0.13	31.54 2.04 0.00
HUNTLEY___63 23557	23.17 1.12 0.00	22.87 1.00 0.00	20.87 0.60 0.00	20.75 0.65 0.00	23.42 0.92 0.00	30.31 1.44 0.00	32.95 1.30 0.00	31.52 0.65 0.00	32.52 0.13 0.00	32.70 -0.37 0.00	33.04 -0.17 0.00	39.22 -0.10 0.00	33.32 -0.26 -0.01	36.71 -0.32 0.00	41.11 -1.00 -0.46	46.44 -0.81 -0.02	41.47 -0.63 -0.01	38.72 0.37 0.00	36.19 0.28 0.00	37.72 -0.26 0.00	38.45 -0.10 0.00	33.53 0.22 0.00	31.39 0.56 0.00	29.78 0.28 0.00
HUNTLEY___64 23558	23.17 1.12 0.00	22.87 1.00 0.00	20.87 0.60 0.00	20.75 0.65 0.00	23.42 0.92 0.00	30.31 1.44 0.00	32.95 1.30 0.00	31.52 0.65 0.00	32.52 0.13 0.00	32.70 -0.37 0.00	33.04 -0.17 0.00	39.22 -0.10 0.00	33.32 -0.26 -0.01	36.71 -0.32 0.00	41.11 -1.00 -0.46	46.44 -0.81 -0.02	41.47 -0.63 -0.01	38.72 0.37 0.00	36.19 0.28 0.00	37.72 -0.26 0.00	38.45 -0.10 0.00	33.53 0.22 0.00	31.39 0.56 0.00	29.78 0.28 0.00
HUNTLEY___65 23559	23.17 1.12 0.00	22.87 1.00 0.00	20.87 0.60 0.00	20.75 0.65 0.00	23.42 0.92 0.00	30.31 1.44 0.00	32.95 1.30 0.00	31.52 0.65 0.00	32.52 0.13 0.00	32.70 -0.37 0.00	33.04 -0.17 0.00	39.22 -0.10 0.00	33.32 -0.26 -0.01	36.71 -0.32 0.00	41.11 -1.00 -0.46	46.44 -0.81 -0.02	41.47 -0.63 -0.01	38.72 0.37 0.00	36.19 0.28 0.00	37.72 -0.26 0.00	38.45 -0.10 0.00	33.53 0.22 0.00	31.39 0.56 0.00	29.78 0.28 0.00
HUNTLEY___66 23560	23.17 1.12 0.00	22.87 1.00 0.00	20.87 0.60 0.00	20.75 0.65 0.00	23.42 0.92 0.00	30.31 1.44 0.00	32.95 1.30 0.00	31.52 0.65 0.00	32.52 0.13 0.00	32.70 -0.37 0.00	33.04 -0.17 0.00	39.22 -0.10 0.00	33.32 -0.26 -0.01	36.71 -0.32 0.00	41.11 -1.00 -0.46	46.44 -0.81 -0.02	41.47 -0.63 -0.01	38.72 0.37 0.00	36.19 0.28 0.00	37.72 -0.26 0.00	38.45 -0.10 0.00	33.53 0.22 0.00	31.39 0.56 0.00	29.78 0.28 0.00
HUNTLEY___67 23561	22.93 0.87 0.00	22.67 0.80 0.00	20.69 0.42 0.00	20.56 0.46 0.00	23.20 0.71 0.00	30.01 1.14 0.00	32.61 0.96 0.00	31.23 0.36 0.00	32.27 -0.13 0.00	32.46 -0.60 0.00	32.79 -0.43 0.00	38.89 -0.43 0.00	33.02 -0.55 0.00	36.36 -0.67 0.00	40.72 -1.38 -0.45	46.01 -1.22 0.00	41.07 -1.03 0.00	38.32 -0.03 0.00	35.78 -0.12 0.00	37.34 -0.64 0.00	38.07 -0.50 0.00	33.20 -0.11 0.00	31.10 0.27 0.00	29.49 -0.01 0.00
HUNTLEY___68 23562	22.93 0.87 0.00	22.67 0.80 0.00	20.69 0.42 0.00	20.56 0.46 0.00	23.20 0.71 0.00	30.01 1.14 0.00	32.61 0.96 0.00	31.23 0.36 0.00	32.27 -0.13 0.00	32.46 -0.60 0.00	32.79 -0.43 0.00	38.89 -0.43 0.00	33.02 -0.55 0.00	36.36 -0.67 0.00	40.72 -1.38 -0.45	46.01 -1.22 0.00	41.07 -1.03 0.00	38.32 -0.03 0.00	35.78 -0.12 0.00	37.34 -0.64 0.00	38.07 -0.50 0.00	33.20 -0.11 0.00	31.10 0.27 0.00	29.49 -0.01 0.00
HYLAND___LFGE 323620	24.00 1.95 0.00	23.74 1.87 0.00	21.78 1.51 0.00	21.60 1.50 0.00	24.33 1.84 0.00	31.49 2.62 0.00	34.64 2.99 0.00	33.54 2.67 0.00	34.36 1.97 0.00	33.93 0.86 0.00	34.23 1.02 0.00	40.42 1.10 0.00	34.52 0.95 0.00	37.77 0.74 0.00	41.78 -0.36 -0.49	46.74 -0.50 0.00	41.69 -0.41 0.00	38.46 0.11 0.00	36.74 0.84 0.00	39.20 1.22 0.00	40.07 1.51 0.00	35.34 2.03 0.00	33.07 2.25 0.00	31.26 1.76 0.00
INDECK___CORINTH 23802	18.37 0.48 4.16	22.31 0.43 0.00	20.71 0.44 0.00	20.54 0.44 0.00	23.01 0.52 0.00	29.38 0.75 0.24	32.47 1.25 0.43	33.09 1.63 -0.58	43.55 1.78 -9.37	44.97 1.98 -9.93	35.06 1.85 0.00	40.20 2.06 1.18	34.88 1.59 0.28	38.74 1.80 0.08	50.55 1.99 -6.91	49.24 2.01 0.00	44.02 1.93 0.00	40.20 1.85 0.00	37.55 1.64 0.00	39.65 1.66 0.00	40.15 1.60 0.00	34.34 1.16 0.12	31.57 0.92 0.18	30.65 1.15 0.00
INDECK___ILION 23567	22.04 -0.01 0.00	21.84 -0.03 0.00	20.27 0.00 0.00	20.09 -0.01 0.00	22.49 0.00 0.00	28.88 0.01 0.00	31.79 0.14 0.00	31.15 0.28 0.00	32.79 0.39 0.00	33.57 0.51 0.00	33.75 0.54 0.00	39.92 0.61 0.00	34.08 0.51 0.00	37.58 0.55 0.00	42.37 0.72 0.00	47.87 0.64 0.00	42.77 0.67 0.00	39.14 0.79 0.00	36.65 0.75 0.00	38.78 0.79 0.00	39.26 0.70 0.00	33.79 0.47 0.00	31.17 0.35 0.00	29.84 0.33 0.00

INDECK___OLEAN 23982	22.94 0.89 0.00	22.84 0.97 0.00	20.94 0.67 0.00	20.77 0.67 0.00	23.42 0.93 0.00	30.26 1.39 0.00	33.23 1.58 0.00	32.06 1.19 0.00	33.32 0.93 0.00	33.61 0.55 0.00	33.87 0.66 0.00	39.94 0.62 0.00	33.93 0.36 0.00	37.42 0.39 0.00	42.13 -0.04 -0.51	47.43 0.19 0.00	42.28 0.19 0.00	39.38 1.03 0.00	36.57 0.66 0.00	38.12 0.14 0.00	38.84 0.28 0.00	33.84 0.53 0.00	31.60 0.78 0.00	30.17 0.66 0.00
INDECK___OSWEGO 23783	21.90 -0.15 0.00	21.72 -0.16 0.00	20.08 -0.18 0.00	19.92 -0.18 0.00	22.32 -0.17 0.00	28.68 -0.19 0.00	31.39 -0.26 0.00	31.37 -0.42 -0.92	37.65 -0.57 -5.83	38.44 -0.67 -6.05	38.48 -0.70 -5.97	46.71 -1.04 -8.43	38.76 -0.98 -6.17	43.48 -1.12 -7.57	50.08 -1.39 -9.81	57.55 -1.54 -11.86	50.38 -1.39 -9.68	45.43 -1.04 -8.12	42.09 -0.98 -7.16	44.85 -1.11 -7.98	45.66 -1.14 -8.24	38.27 -0.97 -5.92	34.58 -0.70 -4.46	31.19 -0.65 -2.33
INDECK___YERKES 23781	23.19 1.14 0.00	22.90 1.02 0.00	20.90 0.63 0.00	20.78 0.68 0.00	23.45 0.96 0.00	30.36 1.49 0.00	33.00 1.35 0.00	31.57 0.69 0.00	32.56 0.17 0.00	32.74 -0.33 0.00	33.10 -0.11 0.00	39.29 -0.03 0.00	33.38 -0.19 -0.01	36.78 -0.25 0.00	41.17 -0.93 -0.46	46.51 -0.73 -0.02	41.55 -0.55 -0.01	38.80 0.45 0.00	36.25 0.34 0.00	37.79 -0.20 0.00	38.54 -0.02 0.00	33.57 0.26 0.00	31.42 0.59 0.00	29.82 0.32 0.00
INDIAN POINT_GT_1 24139	26.10 0.70 -3.34	22.58 0.70 0.00	20.98 0.72 0.00	20.77 0.67 0.00	23.27 0.78 0.00	30.02 0.96 -0.19	33.26 1.28 -0.33	32.33 1.40 -0.06	33.79 1.39 0.00	34.68 1.62 0.00	34.97 1.76 0.00	42.34 2.17 -0.85	35.79 2.02 -0.20	39.30 2.21 -0.06	49.49 2.63 -5.21	50.33 3.10 0.00	44.87 2.77 0.00	40.99 2.64 0.00	38.26 2.36 0.00	40.02 2.04 0.00	40.43 1.87 0.00	35.13 1.73 -0.09	32.47 1.52 -0.13	31.03 1.53 0.00
INDIAN POINT_GT_2 23659	26.10 0.70 -3.34	22.58 0.70 0.00	20.98 0.72 0.00	20.77 0.67 0.00	23.27 0.78 0.00	30.02 0.96 -0.19	33.26 1.28 -0.33	32.33 1.40 -0.06	33.79 1.39 0.00	34.68 1.62 0.00	34.97 1.76 0.00	42.34 2.17 -0.85	35.79 2.02 -0.20	39.30 2.21 -0.06	49.49 2.63 -5.21	50.33 3.10 0.00	44.87 2.77 0.00	40.99 2.64 0.00	38.26 2.36 0.00	40.02 2.04 0.00	40.43 1.87 0.00	35.13 1.73 -0.09	32.47 1.52 -0.13	31.03 1.53 0.00
INDIAN POINT_GT_3 24019	26.10 0.70 -3.34	22.58 0.70 0.00	20.98 0.72 0.00	20.77 0.67 0.00	23.27 0.78 0.00	30.02 0.96 -0.19	33.26 1.28 -0.33	32.33 1.40 -0.06	33.79 1.39 0.00	34.68 1.62 0.00	34.97 1.76 0.00	42.34 2.17 -0.85	35.79 2.02 -0.20	39.30 2.21 -0.06	49.49 2.63 -5.21	50.33 3.10 0.00	44.87 2.77 0.00	40.99 2.64 0.00	38.26 2.36 0.00	40.02 2.04 0.00	40.43 1.87 0.00	35.13 1.73 -0.09	32.47 1.52 -0.13	31.03 1.53 0.00
INDIAN POINT___2 23530	25.94 0.68 -3.22	22.55 0.68 0.00	20.96 0.69 0.00	20.75 0.65 0.00	23.25 0.75 0.00	29.99 0.93 -0.18	33.22 1.25 -0.32	32.30 1.36 -0.06	33.74 1.35 0.00	34.63 1.57 0.00	34.92 1.71 0.00	42.26 2.12 -0.82	35.72 1.96 -0.19	39.24 2.16 -0.06	49.31 2.57 -5.09	50.25 3.01 0.00	44.80 2.70 0.00	40.92 2.58 0.00	38.21 2.30 0.00	39.96 1.97 0.00	40.36 1.80 0.00	35.06 1.67 -0.09	32.42 1.46 -0.13	30.99 1.48 0.00
INDIAN POINT___3 23531	26.07 0.67 -3.35	22.56 0.68 0.00	20.96 0.70 0.00	20.75 0.65 0.00	23.25 0.75 0.00	30.00 0.93 -0.19	33.23 1.24 -0.34	32.30 1.37 -0.07	33.75 1.35 0.00	34.64 1.58 0.00	34.92 1.71 0.00	42.29 2.12 -0.86	35.74 1.97 -0.20	39.25 2.16 -0.06	49.44 2.58 -5.21	50.26 3.02 0.00	44.80 2.70 0.00	40.93 2.58 0.00	38.21 2.30 0.00	39.97 1.99 0.00	40.39 1.83 0.00	35.07 1.68 -0.09	32.43 1.47 -0.13	30.99 1.48 0.00
INGHAM_C_115KV_TB7 356103	21.86 -0.19 0.00	21.64 -0.24 0.00	20.12 -0.15 0.00	19.93 -0.17 0.00	22.31 -0.18 0.00	28.65 -0.22 0.00	31.70 0.05 0.00	31.23 0.36 0.00	32.96 0.57 0.00	33.86 0.79 0.00	34.05 0.84 0.00	40.23 0.92 0.00	34.34 0.77 0.00	37.86 0.83 0.00	42.85 1.19 0.00	48.24 1.01 0.00	43.18 1.09 0.00	39.59 1.24 0.00	37.05 1.14 0.00	39.22 1.24 0.00	39.65 1.09 0.00	33.95 0.64 0.00	31.24 0.41 0.00	29.91 0.41 0.00
IP CORINTH___1 23988	18.50 0.61 4.16	22.43 0.56 0.00	20.82 0.55 0.00	20.65 0.55 0.00	23.13 0.64 0.00	29.54 0.91 0.24	32.66 1.43 0.43	33.27 1.82 -0.58	43.74 1.98 -9.37	45.16 2.17 -9.93	35.25 2.03 0.00	40.42 2.29 1.18	35.08 1.79 0.28	38.95 2.01 0.08	50.79 2.23 -6.91	49.51 2.28 0.00	44.26 2.16 0.00	40.43 2.08 0.00	37.76 1.85 0.00	39.87 1.88 0.00	40.38 1.82 0.00	34.54 1.35 0.12	31.74 1.10 0.18	30.81 1.31 0.00
IP___TICONDEROGA 23804	19.06 1.25 4.24	23.05 1.17 0.00	21.36 1.09 0.00	21.26 1.16 0.00	23.85 1.36 0.00	30.66 2.04 0.24	34.24 3.02 0.44	35.07 3.55 -0.65	46.70 3.95 -10.36	48.24 4.20 -10.98	37.29 4.08 0.00	42.53 4.42 1.20	37.01 3.72 0.28	41.11 4.16 0.08	53.26 4.70 -6.90	52.33 5.09 0.00	46.82 4.72 0.00	42.76 4.41 0.00	39.75 3.85 0.00	41.84 3.85 0.00	42.52 3.96 0.00	35.85 2.66 0.13	32.84 2.20 0.18	31.78 2.27 0.00
ISLIP_RES_REC 323679	27.04 1.56 -3.42	23.41 1.53 0.00	21.80 1.53 0.00	21.58 1.48 0.00	24.21 1.72 0.00	31.30 2.23 -0.20	34.60 2.61 -0.34	33.75 2.81 -0.07	35.25 2.86 0.00	36.28 3.22 0.00	37.34 3.51 -0.62	44.08 3.88 -0.88	37.49 3.70 -0.22	203.03 4.11 -161.89	88.53 4.66 -42.22	52.69 5.43 -0.02	47.40 4.71 -0.60	43.13 4.71 -0.07	40.34 4.20 -0.25	41.73 3.75 0.00	42.15 3.59 0.00	36.66 3.25 -0.09	33.65 2.69 -0.13	32.03 2.53 0.00
JAMAICA__27_KV_LOAD 355505	26.47 0.99 -3.42	22.86 0.98 0.00	21.23 0.96 0.00	21.01 0.91 0.00	23.52 1.03 0.00	30.33 1.26 -0.20	33.66 1.67 -0.34	32.78 1.84 -0.07	34.26 1.87 0.00	35.22 2.16 0.00	35.31 2.10 0.00	42.85 2.67 -0.87	36.21 2.44 -0.21	39.71 2.62 -0.06	50.06 3.11 -5.30	50.90 3.67 0.00	45.41 3.31 0.00	41.44 3.09 0.00	38.75 2.85 0.00	40.45 2.46 0.00	40.92 2.37 0.00	35.65 2.25 -0.09	33.00 2.04 -0.13	31.46 1.96 0.00
JANIS___SOLAR 323808	23.31 1.26 0.00	23.09 1.22 0.00	21.32 1.05 0.00	21.15 1.04 0.00	23.72 1.23 0.00	30.60 1.73 0.00	33.77 2.12 0.00	33.02 1.99 -0.16	35.31 1.89 -1.04	35.89 1.75 -1.07	36.21 1.93 -1.07	43.30 2.42 -1.57	36.64 1.93 -1.15	40.43 1.99 -1.41	46.01 1.82 -2.54	51.67 2.22 -2.21	46.06 2.17 -1.80	42.48 2.61 -1.51	39.78 2.54 -1.34	41.99 2.51 -1.49	42.63 2.53 -1.54	36.43 2.01 -1.10	33.41 1.75 -0.83	31.41 1.47 -0.43
JARVIS____ 23743	22.08 0.03 0.00	21.90 0.02 0.00	20.30 0.04 0.00	20.14 0.04 0.00	22.54 0.05 0.00	28.93 0.06 0.00	31.73 0.08 0.00	31.00 0.13 0.00	32.58 0.18 0.00	33.28 0.21 0.00	33.45 0.23 0.00	39.59 0.28 0.00	33.81 0.24 0.00	37.29 0.26 0.00	41.92 0.27 0.00	47.50 0.26 0.00	42.35 0.26 0.00	38.67 0.33 0.00	36.22 0.32 0.00	38.29 0.30 0.00	38.83 0.28 0.00	33.55 0.24 0.00	31.02 0.19 0.00	29.68 0.18 0.00

JENNISON___1 23625	23.27 1.22 0.00	23.06 1.18 0.00	21.31 1.05 0.00	21.14 1.04 0.00	23.71 1.22 0.00	30.57 1.70 0.00	33.75 2.08 -0.01	32.86 1.86 -0.12	34.87 1.81 -0.67	35.57 1.81 -0.70	35.83 1.90 -0.72	42.84 2.39 -1.14	36.34 1.94 -0.83	40.11 2.06 -1.02	45.95 2.03 -2.27	51.20 2.37 -1.59	45.66 2.27 -1.30	42.16 2.72 -1.09	39.53 2.66 -0.96	41.59 2.53 -1.07	42.20 2.53 -1.11	36.15 2.04 -0.80	33.24 1.81 -0.60	31.37 1.55 -0.31
JENNISON___2 23626	23.27 1.22 0.00	23.06 1.18 0.00	21.31 1.05 0.00	21.14 1.04 0.00	23.71 1.22 0.00	30.57 1.70 0.00	33.75 2.08 -0.01	32.86 1.86 -0.12	34.87 1.81 -0.67	35.57 1.81 -0.70	35.83 1.90 -0.72	42.84 2.39 -1.14	36.34 1.94 -0.83	40.11 2.06 -1.02	45.95 2.03 -2.27	51.20 2.37 -1.59	45.66 2.27 -1.30	42.16 2.72 -1.09	39.53 2.66 -0.96	41.59 2.53 -1.07	42.20 2.53 -1.11	36.15 2.04 -0.80	33.24 1.81 -0.60	31.37 1.55 -0.31
JERICHO_RISE_WT_PWR 323719	22.42 0.37 0.00	22.26 0.38 0.00	20.57 0.30 0.00	20.40 0.30 0.00	22.72 0.23 0.00	29.15 0.27 0.00	32.00 0.35 0.00	31.56 0.69 0.00	33.27 0.88 0.00	33.77 0.70 0.00	33.78 0.56 0.00	39.76 0.44 0.00	33.88 0.31 0.00	37.33 0.30 0.00	42.03 0.38 0.00	47.63 0.39 0.00	42.49 0.39 0.00	38.41 0.06 0.00	36.06 0.16 0.00	38.61 0.62 0.00	39.33 0.77 0.00	33.86 0.55 0.00	31.40 0.57 0.00	30.08 0.58 0.00
KATONAH___115KV_46KV_TB4 355592	26.28 0.85 -3.39	22.73 0.85 0.00	21.11 0.84 0.00	20.89 0.79 0.00	23.40 0.91 0.00	30.21 1.14 -0.19	33.48 1.49 -0.34	32.56 1.63 -0.07	34.06 1.67 0.00	34.99 1.93 0.00	35.27 2.07 0.00	42.69 2.52 -0.86	36.11 2.33 -0.20	39.68 2.59 -0.06	50.15 3.08 -5.41	50.83 3.59 0.00	45.30 3.21 0.00	41.39 3.04 0.00	38.61 2.71 0.00	40.41 2.42 0.00	40.83 2.27 0.00	35.43 2.02 -0.09	32.73 1.77 -0.13	31.24 1.73 0.00
KCE_NY_1 323755	18.52 0.82 4.36	22.68 0.81 0.00	21.09 0.82 0.00	20.88 0.78 0.00	23.38 0.89 0.00	29.76 1.14 0.25	32.73 1.53 0.45	33.43 1.81 -0.75	46.10 1.95 -11.76	47.62 2.09 -12.46	35.19 1.98 0.00	40.39 2.31 1.23	35.21 1.93 0.29	39.10 2.16 0.09	51.12 2.57 -6.90	50.01 2.78 0.00	44.72 2.63 0.00	40.84 2.50 0.00	38.16 2.25 0.00	40.28 2.30 0.00	40.79 2.23 0.00	34.79 1.61 0.13	32.04 1.41 0.19	30.96 1.45 0.00
KCE_NY_6_ESR 323823	23.12 1.07 0.00	22.89 1.01 0.00	20.88 0.62 0.00	20.75 0.65 0.00	23.40 0.91 0.00	30.27 1.40 0.00	33.00 1.35 0.00	31.67 0.80 0.00	32.75 0.36 0.00	32.95 -0.11 0.00	33.29 0.08 0.00	39.50 0.19 0.00	33.60 0.03 0.00	37.00 -0.03 0.00	41.47 -0.65 -0.46	46.85 -0.38 0.00	41.81 -0.28 0.00	39.01 0.66 0.00	36.39 0.48 0.00	37.97 -0.02 0.00	38.71 0.15 0.00	33.69 0.38 0.00	31.50 0.67 0.00	29.86 0.35 0.00
KEDC_PORT_JEFF_GT2 24210	26.83 1.36 -3.42	23.21 1.34 0.00	21.62 1.35 0.00	21.41 1.31 0.00	24.00 1.51 0.00	31.02 1.96 -0.20	34.26 2.27 -0.34	33.40 2.47 -0.07	34.87 2.47 0.00	35.85 2.79 0.00	37.04 3.07 -0.76	43.58 3.39 -0.88	37.05 3.26 -0.22	223.91 3.54 -183.34	96.26 3.90 -50.71	51.78 4.52 -0.02	46.61 3.78 -0.74	42.30 3.86 -0.09	39.63 3.42 -0.30	40.93 2.94 0.00	41.37 2.81 0.00	36.04 2.64 -0.09	33.15 2.19 -0.13	31.68 2.18 0.00
KEDC_PORT_JEFF_GT3 24211	26.83 1.36 -3.42	23.21 1.34 0.00	21.62 1.35 0.00	21.41 1.31 0.00	24.00 1.51 0.00	31.02 1.96 -0.20	34.26 2.27 -0.34	33.40 2.47 -0.07	34.87 2.47 0.00	35.85 2.79 0.00	37.04 3.07 -0.76	43.58 3.39 -0.88	37.05 3.26 -0.22	223.91 3.54 -183.34	96.26 3.90 -50.71	51.78 4.52 -0.02	46.61 3.78 -0.74	42.30 3.86 -0.09	39.63 3.42 -0.30	40.93 2.94 0.00	41.37 2.81 0.00	36.04 2.64 -0.09	33.15 2.19 -0.13	31.68 2.18 0.00
KEDC_GLWD_GT4 24219	26.51 1.04 -3.42	22.91 1.04 0.00	21.29 1.03 0.00	21.08 0.98 0.00	23.63 1.14 0.00	30.51 1.44 -0.20	33.73 1.74 -0.34	32.80 1.86 -0.07	34.08 1.69 0.00	35.01 1.95 0.00	35.44 2.23 0.00	42.78 2.59 -0.87	36.28 2.50 -0.21	39.85 2.76 -0.06	50.18 3.23 -5.30	51.05 3.81 0.00	45.40 3.30 0.00	41.56 3.21 0.00	38.73 2.82 0.00	40.42 2.43 0.00	40.82 2.26 0.00	35.52 2.11 -0.09	32.81 1.85 -0.13	31.48 1.98 0.00
KEDC_GLWD_GT5 24220	26.51 1.04 -3.42	22.91 1.04 0.00	21.29 1.03 0.00	21.08 0.98 0.00	23.63 1.14 0.00	30.51 1.44 -0.20	33.73 1.74 -0.34	32.80 1.86 -0.07	34.08 1.69 0.00	35.01 1.95 0.00	35.44 2.23 0.00	42.78 2.59 -0.87	36.28 2.50 -0.21	39.85 2.76 -0.06	50.18 3.23 -5.30	51.05 3.81 0.00	45.40 3.30 0.00	41.56 3.21 0.00	38.73 2.82 0.00	40.42 2.43 0.00	40.82 2.26 0.00	35.52 2.11 -0.09	32.81 1.85 -0.13	31.48 1.98 0.00
KENSICO____ 23655	26.23 0.77 -3.41	22.65 0.77 0.00	21.04 0.78 0.00	20.83 0.73 0.00	23.34 0.85 0.00	30.11 1.05 -0.20	33.36 1.37 -0.34	32.44 1.50 -0.07	33.91 1.51 0.00	34.81 1.75 0.00	35.11 1.89 0.00	42.50 2.32 -0.87	35.93 2.16 -0.20	39.45 2.36 -0.06	49.72 2.79 -5.28	50.49 3.26 0.00	45.01 2.91 0.00	41.11 2.77 0.00	38.38 2.47 0.00	40.14 2.15 0.00	40.55 1.99 0.00	35.24 1.84 -0.09	32.59 1.63 -0.13	31.13 1.63 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	24.55 0.86 -1.64	22.73 0.86 0.00	21.11 0.84 0.00	20.89 0.79 0.00	23.41 0.92 0.00	30.13 1.17 -0.09	33.33 1.52 -0.16	32.51 1.68 0.04	33.11 1.72 1.00	33.87 1.88 1.07	35.22 2.01 0.00	42.03 2.31 -0.41	35.89 2.23 -0.09	39.36 2.31 -0.03	49.21 2.83 -4.73	50.91 3.67 0.00	45.34 3.25 0.00	41.44 3.09 0.00	38.67 2.77 0.00	40.57 2.58 0.00	40.99 2.43 0.00	35.48 2.13 -0.04	32.71 1.82 -0.06	31.25 1.74 0.00
KIAC_JFK_GT1 23816	26.31 0.84 -3.42	22.70 0.83 0.00	21.09 0.82 0.00	20.86 0.76 0.00	23.36 0.87 0.00	30.12 1.05 -0.20	33.43 1.44 -0.34	32.55 1.61 -0.07	34.02 1.62 0.00	34.99 1.93 0.00	35.05 1.84 0.00	42.52 2.33 -0.87	35.94 2.16 -0.21	39.41 2.32 -0.06	49.71 2.76 -5.30	50.49 3.26 0.00	45.04 2.95 0.00	41.10 2.75 0.00	38.43 2.53 0.00	40.11 2.12 0.00	40.58 2.02 0.00	35.37 1.97 -0.09	32.77 1.81 -0.13	31.25 1.75 0.00
KIAC_JFK_GT2 23817	26.31 0.84 -3.42	22.70 0.83 0.00	21.09 0.82 0.00	20.86 0.76 0.00	23.36 0.87 0.00	30.12 1.05 -0.20	33.43 1.44 -0.34	32.55 1.61 -0.07	34.02 1.62 0.00	34.99 1.93 0.00	35.05 1.84 0.00	42.52 2.33 -0.87	35.94 2.16 -0.21	39.41 2.32 -0.06	49.71 2.76 -5.30	50.49 3.26 0.00	45.04 2.95 0.00	41.10 2.75 0.00	38.43 2.53 0.00	40.11 2.12 0.00	40.58 2.02 0.00	35.37 1.97 -0.09	32.77 1.81 -0.13	31.25 1.75 0.00
KIAC_JFK____ 323774	26.32 0.84 -3.42	22.70 0.83 0.00	21.09 0.82 0.00	20.87 0.76 0.00	23.37 0.87 0.00	30.12 1.05 -0.20	33.43 1.44 -0.34	32.55 1.61 -0.07	34.02 1.63 0.00	34.99 1.93 0.00	35.05 1.84 0.00	42.52 2.34 -0.87	35.94 2.16 -0.21	39.41 2.32 -0.06	49.71 2.76 -5.30	50.49 3.26 0.00	45.04 2.95 0.00	41.10 2.75 0.00	38.43 2.53 0.00	40.11 2.12 0.00	40.57 2.01 0.00	35.36 1.96 -0.09	32.77 1.81 -0.13	31.25 1.75 0.00

KINTIGH____ 23543	22.85 0.80 0.00	22.61 0.73 0.00	20.69 0.42 0.00	20.55 0.45 0.00	23.17 0.68 0.00	29.95 1.07 0.00	32.56 0.92 0.00	31.16 0.37 0.08	31.86 -0.05 0.49	32.09 -0.47 0.50	32.40 -0.32 0.49	38.27 -0.36 0.69	32.61 -0.45 0.51	35.84 -0.57 0.62	40.08 -1.18 0.39	45.19 -1.07 0.97	40.42 -0.89 0.79	37.68 0.00 0.66	35.26 -0.06 0.59	36.80 -0.53 0.65	37.44 -0.45 0.67	32.71 -0.12 0.48	30.67 0.20 0.36	29.30 -0.02 0.19
KNTFSRNC_46_KV_46KV_LOAD 80397	22.74 0.69 0.00	22.57 0.70 0.00	20.86 0.59 0.00	20.67 0.57 0.00	23.00 0.51 0.00	29.52 0.64 0.00	32.48 0.83 0.00	32.20 1.33 0.00	33.91 1.52 0.00	34.35 1.28 0.00	34.33 1.12 0.00	40.32 1.01 0.00	34.34 0.77 0.00	37.84 0.81 0.00	42.64 0.99 0.00	48.26 1.03 0.00	43.10 1.01 0.00	39.01 0.66 0.00	36.62 0.71 0.00	39.26 1.28 0.00	40.04 1.48 0.00	34.42 1.11 0.00	31.90 1.07 0.00	30.56 1.06 0.00
LACHUTE__HYDRO 323717	19.06 1.25 4.24	23.05 1.17 0.00	21.36 1.09 0.00	21.26 1.16 0.00	23.85 1.36 0.00	30.66 2.04 0.24	34.23 3.02 0.44	35.07 3.55 -0.65	46.70 3.94 -10.36	48.25 4.21 -10.98	37.29 4.07 0.00	42.52 4.41 1.20	37.01 3.72 0.28	41.11 4.16 0.08	53.25 4.70 -6.90	52.33 5.09 0.00	46.82 4.73 0.00	42.76 4.41 0.00	39.76 3.85 0.00	41.84 3.85 0.00	42.51 3.95 0.00	35.85 2.66 0.13	32.84 2.20 0.18	31.78 2.27 0.00
LAWRNCV_115KV_TB1 80681	22.04 -0.01 0.00	21.86 -0.02 0.00	20.21 -0.06 0.00	20.07 -0.03 0.00	22.34 -0.15 0.00	28.57 -0.30 0.00	31.12 -0.53 0.00	30.31 -0.57 0.00	32.00 -0.40 0.00	32.46 -0.60 0.00	32.42 -0.80 0.00	38.25 -1.06 0.00	32.55 -1.02 0.00	35.87 -1.16 0.00	40.33 -1.32 0.00	45.77 -1.47 0.00	40.75 -1.34 0.00	36.86 -1.49 0.00	34.79 -1.12 0.00	37.20 -0.79 0.00	37.90 -0.66 0.00	32.85 -0.46 0.00	30.53 -0.30 0.00	29.41 -0.09 0.00
LEDERLE____ 23769	25.91 0.76 -3.10	22.64 0.77 0.00	21.04 0.77 0.00	20.82 0.72 0.00	23.33 0.84 0.00	30.10 1.06 -0.18	33.37 1.42 -0.31	32.46 1.53 -0.06	33.91 1.52 0.00	34.79 1.72 0.00	35.10 1.89 0.00	42.47 2.36 -0.79	35.93 2.18 -0.19	39.48 2.39 -0.06	49.46 2.84 -4.97	50.58 3.35 0.00	45.09 3.00 0.00	41.20 2.85 0.00	38.46 2.56 0.00	40.21 2.22 0.00	40.60 2.04 0.00	35.25 1.85 -0.08	32.56 1.61 -0.12	31.13 1.62 0.00
LIGHTHSE_115KV_TB6 355974	22.27 0.22 0.00	22.06 0.19 0.00	20.40 0.13 0.00	20.23 0.13 0.00	22.67 0.18 0.00	29.17 0.29 0.00	32.01 0.36 0.00	31.56 0.20 -0.48	35.56 0.10 -3.06	36.20 -0.05 -3.18	36.23 -0.12 -3.14	43.36 -0.39 -4.44	36.37 -0.45 -3.25	40.45 -0.56 -3.98	46.10 -0.81 -5.26	52.53 -0.95 -6.24	46.25 -0.94 -5.09	42.12 -0.50 -4.27	39.37 -0.31 -3.77	41.99 -0.19 -4.20	42.78 -0.11 -4.33	36.37 -0.06 -3.12	33.22 0.05 -2.35	30.68 -0.05 -1.22
LINDEN COGEN____ 23786	26.22 0.74 -3.42	22.61 0.74 0.00	21.02 0.76 0.00	20.80 0.70 0.00	23.32 0.83 0.00	30.08 1.01 -0.20	33.30 1.31 -0.34	18.82 1.40 13.45	28.00 1.41 5.81	17.23 1.72 17.55	26.17 1.86 8.90	37.58 2.31 4.04	35.94 2.16 -0.21	39.41 2.32 -0.06	49.72 2.77 -5.30	50.49 3.25 0.00	44.95 2.86 0.00	41.03 2.68 0.00	38.31 2.41 0.00	39.98 2.00 0.00	40.43 1.87 0.00	35.16 1.87 0.02	32.32 1.66 0.17	31.18 1.68 0.00
LINDHRST_69_KV_BK1 356055	26.87 1.40 -3.42	23.27 1.39 0.00	21.64 1.38 0.00	21.42 1.32 0.00	24.02 1.53 0.00	31.01 1.95 -0.20	34.24 2.24 -0.34	33.35 2.41 -0.07	34.85 2.45 0.00	35.76 2.70 0.00	36.21 2.95 -0.06	43.49 3.30 -0.87	37.02 3.25 -0.21	67.21 3.61 -26.56	54.33 4.04 -8.63	52.03 4.79 0.00	46.31 4.16 -0.05	42.55 4.19 0.00	39.67 3.74 -0.02	41.32 3.33 0.00	41.80 3.24 0.00	36.43 3.03 -0.09	33.54 2.58 -0.13	31.94 2.43 0.00
LIPA_MISC_IPP 23656	26.90 1.42 -3.42	23.29 1.41 0.00	21.69 1.43 0.00	21.48 1.38 0.00	24.08 1.59 0.00	31.12 2.05 -0.20	34.39 2.40 -0.34	33.53 2.59 -0.07	34.98 2.58 0.00	35.95 2.89 0.00	37.06 3.20 -0.64	43.73 3.54 -0.88	37.17 3.38 -0.22	210.44 3.72 -169.70	89.36 4.24 -43.46	52.26 5.01 -0.02	47.02 4.30 -0.62	42.72 4.30 -0.07	39.98 3.83 -0.25	41.39 3.40 0.00	41.85 3.29 0.00	36.37 2.97 -0.09	33.43 2.47 -0.13	31.83 2.32 0.00
LISF__SOLAR 323691	26.98 1.50 -3.42	23.35 1.47 0.00	21.75 1.49 0.00	21.54 1.44 0.00	24.15 1.65 0.00	31.21 2.14 -0.20	34.50 2.51 -0.34	33.63 2.70 -0.07	35.08 2.68 0.00	36.08 3.02 0.00	37.19 3.33 -0.65	43.91 3.71 -0.88	37.26 3.47 -0.22	211.03 3.85 -170.15	90.09 4.40 -44.03	52.46 5.21 -0.02	47.21 4.49 -0.63	42.90 4.47 -0.07	40.16 4.00 -0.26	41.57 3.58 0.00	42.02 3.45 0.00	36.51 3.11 -0.09	33.54 2.58 -0.13	31.92 2.41 0.00
LITTLE FALLS__HYD 24013	21.86 -0.19 0.00	21.64 -0.24 0.00	20.12 -0.15 0.00	19.93 -0.17 0.00	22.31 -0.18 0.00	28.65 -0.22 0.00	31.70 0.05 0.00	31.23 0.36 0.00	32.96 0.57 0.00	33.86 0.79 0.00	34.05 0.84 0.00	40.23 0.92 0.00	34.34 0.77 0.00	37.86 0.83 0.00	42.85 1.19 0.00	48.24 1.01 0.00	43.18 1.09 0.00	39.59 1.24 0.00	37.05 1.14 0.00	39.22 1.24 0.00	39.65 1.09 0.00	33.95 0.64 0.00	31.24 0.41 0.00	29.91 0.41 0.00
LITTLRIV_115KV_TB1 356100	22.25 0.20 0.00	22.07 0.19 0.00	20.39 0.13 0.00	20.26 0.16 0.00	22.57 0.08 0.00	28.90 0.03 0.00	31.52 -0.13 0.00	30.75 -0.16 -0.03	32.82 0.04 -0.39	33.27 -0.20 -0.41	33.10 -0.51 -0.40	39.18 -0.70 -0.57	33.21 -0.77 -0.42	36.65 -0.89 -0.51	41.29 -1.01 -0.64	46.90 -1.13 -0.80	41.71 -1.04 -0.65	37.74 -1.15 -0.55	35.73 -0.66 -0.48	38.32 -0.20 -0.54	39.08 -0.04 -0.55	33.75 0.04 -0.40	31.25 0.12 -0.30	29.93 0.26 -0.16
LI_NEWBRDGE__DRP 323616	26.40 0.92 -3.42	22.81 0.93 0.00	21.22 0.95 0.00	21.01 0.91 0.00	23.56 1.07 0.00	30.41 1.35 -0.20	33.55 1.56 -0.34	32.63 1.69 -0.07	34.09 1.69 0.00	35.00 1.94 0.00	35.42 2.21 0.00	42.63 2.44 -0.87	36.21 2.43 -0.21	39.75 2.66 -0.06	50.03 3.08 -5.30	50.90 3.67 0.00	45.24 3.14 0.00	41.52 3.17 0.00	38.66 2.75 0.00	40.31 2.33 0.00	40.75 2.19 0.00	35.51 2.10 -0.09	32.80 1.84 -0.13	31.28 1.78 0.00
LOCKPORT_115KV_TB60_63_64 80432	23.00 0.95 0.00	22.71 0.83 0.00	20.72 0.45 0.00	20.60 0.49 0.00	23.25 0.76 0.00	30.10 1.23 0.00	32.68 1.03 0.00	31.26 0.39 0.00	32.30 -0.10 0.00	32.44 -0.62 0.00	32.78 -0.44 0.00	38.89 -0.42 0.00	33.02 -0.55 0.00	36.34 -0.69 0.00	40.66 -1.42 -0.43	45.99 -1.25 0.00	41.03 -1.07 0.00	38.34 -0.01 0.00	35.88 -0.03 0.00	37.45 -0.54 0.00	38.16 -0.40 0.00	33.28 -0.03 0.00	31.17 0.34 0.00	29.56 0.05 0.00
LOCKPORT__CC1 323769	22.96 0.91 0.00	22.69 0.82 0.00	20.70 0.44 0.00	20.58 0.48 0.00	23.23 0.74 0.00	30.08 1.21 0.00	32.65 1.01 0.00	31.24 0.36 0.00	32.27 -0.12 0.00	32.40 -0.66 0.00	32.75 -0.46 0.00	38.86 -0.46 0.00	33.01 -0.56 0.00	36.31 -0.72 0.00	40.63 -1.46 -0.43	45.94 -1.30 0.00	40.99 -1.10 0.00	38.32 -0.03 0.00	35.83 -0.08 0.00	37.39 -0.60 0.00	38.13 -0.43 0.00	33.24 -0.07 0.00	31.13 0.31 0.00	29.53 0.03 0.00

LOCKPORT___CC2 323770	22.96 0.91 0.00	22.69 0.82 0.00	20.70 0.44 0.00	20.58 0.48 0.00	23.23 0.74 0.00	30.08 1.21 0.00	32.65 1.01 0.00	31.24 0.36 0.00	32.27 -0.12 0.00	32.40 -0.66 0.00	32.75 -0.46 0.00	38.86 -0.46 0.00	33.01 -0.56 0.00	36.31 -0.72 0.00	40.63 -1.46 -0.43	45.94 -1.30 0.00	40.99 -1.10 0.00	38.32 -0.03 0.00	35.83 -0.08 0.00	37.39 -0.60 0.00	38.13 -0.43 0.00	33.24 -0.07 0.00	31.13 0.31 0.00	29.53 0.03 0.00
LOCKPORT___CC3 323771	22.96 0.91 0.00	22.69 0.82 0.00	20.70 0.44 0.00	20.58 0.48 0.00	23.23 0.74 0.00	30.08 1.21 0.00	32.65 1.01 0.00	31.24 0.36 0.00	32.27 -0.12 0.00	32.40 -0.66 0.00	32.75 -0.46 0.00	38.86 -0.46 0.00	33.01 -0.56 0.00	36.31 -0.72 0.00	40.63 -1.46 -0.43	45.94 -1.30 0.00	40.99 -1.10 0.00	38.32 -0.03 0.00	35.83 -0.08 0.00	37.39 -0.60 0.00	38.13 -0.43 0.00	33.24 -0.07 0.00	31.13 0.31 0.00	29.53 0.03 0.00
LONG_LAKE_PHOENIX 24014	22.07 0.02 0.00	21.89 0.01 0.00	20.24 -0.03 0.00	20.07 -0.04 0.00	22.50 0.01 0.00	28.91 0.04 0.00	31.64 -0.01 0.00	31.38 -0.18 -0.69	36.41 -0.33 -4.35	37.14 -0.44 -4.51	37.24 -0.43 -4.46	45.08 -0.52 -6.29	37.75 -0.43 -4.60	42.18 -0.50 -5.65	48.36 -0.68 -7.40	55.37 -0.71 -8.85	48.71 -0.60 -7.22	44.05 -0.36 -6.06	40.87 -0.38 -5.35	43.41 -0.53 -5.95	44.14 -0.57 -6.15	37.21 -0.52 -4.42	33.70 -0.45 -3.33	30.78 -0.47 -1.74
LOVETT___3 23632	25.82 0.65 -3.13	22.53 0.65 0.00	20.94 0.67 0.00	20.73 0.62 0.00	23.22 0.73 0.00	29.96 0.90 -0.18	33.19 1.23 -0.31	32.26 1.33 -0.06	33.72 1.32 0.00	34.59 1.53 0.00	34.89 1.68 0.00	42.21 2.10 -0.80	35.71 1.96 -0.19	39.24 2.15 -0.06	49.21 2.57 -4.99	50.25 3.01 0.00	44.79 2.70 0.00	40.90 2.55 0.00	38.19 2.28 0.00	39.94 1.95 0.00	40.33 1.77 0.00	35.03 1.63 -0.08	32.38 1.43 -0.12	30.96 1.45 0.00
LOVETT___4 23642	25.82 0.65 -3.13	22.53 0.65 0.00	20.94 0.67 0.00	20.73 0.62 0.00	23.22 0.73 0.00	29.96 0.90 -0.18	33.19 1.23 -0.31	32.26 1.33 -0.06	33.72 1.32 0.00	34.59 1.53 0.00	34.89 1.68 0.00	42.21 2.10 -0.80	35.71 1.96 -0.19	39.24 2.15 -0.06	49.21 2.57 -4.99	50.25 3.01 0.00	44.79 2.70 0.00	40.90 2.55 0.00	38.19 2.28 0.00	39.94 1.95 0.00	40.33 1.77 0.00	35.03 1.63 -0.08	32.38 1.43 -0.12	30.96 1.45 0.00
LOVETT___5 23593	25.82 0.65 -3.13	22.53 0.65 0.00	20.94 0.67 0.00	20.73 0.62 0.00	23.22 0.73 0.00	29.96 0.90 -0.18	33.19 1.23 -0.31	32.26 1.33 -0.06	33.72 1.32 0.00	34.59 1.53 0.00	34.89 1.68 0.00	42.21 2.10 -0.80	35.71 1.96 -0.19	39.24 2.15 -0.06	49.21 2.57 -4.99	50.25 3.01 0.00	44.79 2.70 0.00	40.90 2.55 0.00	38.19 2.28 0.00	39.94 1.95 0.00	40.33 1.77 0.00	35.03 1.63 -0.08	32.38 1.43 -0.12	30.96 1.45 0.00
LOWER RAQUET___HYD 24057	22.05 0.00 0.00	21.87 0.00 0.00	20.22 -0.05 0.00	20.07 -0.03 0.00	22.34 -0.16 0.00	28.54 -0.33 0.00	31.05 -0.60 0.00	30.31 -0.62 -0.06	32.35 -0.46 -0.42	32.80 -0.70 -0.43	32.72 -0.92 -0.43	38.69 -1.22 -0.61	32.84 -1.18 -0.44	36.24 -1.33 -0.54	40.81 -1.52 -0.69	46.38 -1.70 -0.85	41.24 -1.55 -0.69	37.28 -1.65 -0.58	35.17 -1.25 -0.51	37.66 -0.77 -0.57	38.39 -0.77 -0.59	33.19 -0.55 -0.43	30.79 -0.36 -0.32	29.56 -0.11 -0.17
LOWER___HUDSON 24059	17.16 0.47 5.36	22.33 0.45 0.00	20.75 0.48 0.00	20.58 0.48 0.00	23.02 0.53 0.00	29.19 0.63 0.31	31.96 0.86 0.55	33.93 1.20 -1.86	61.23 1.35 -27.48	63.67 1.49 -29.12	34.53 1.33 0.00	39.33 1.52 1.50	34.48 1.27 0.36	38.44 1.51 0.11	50.46 1.97 -6.83	49.28 2.05 0.00	44.01 1.92 0.00	40.12 1.77 0.00	37.47 1.56 0.00	39.67 1.69 0.00	40.15 1.58 0.00	34.24 1.08 0.16	31.55 0.96 0.23	30.55 1.04 0.00
LOWVILLE_115KV_TB2 356335	22.62 0.57 0.00	22.41 0.54 0.00	20.72 0.45 0.00	20.56 0.46 0.00	23.00 0.51 0.00	29.62 0.75 0.00	32.62 0.97 0.00	31.94 0.92 -0.14	34.32 1.00 -0.93	34.95 0.92 -0.97	34.98 0.81 -0.96	41.32 0.66 -1.35	34.88 0.33 -0.99	38.53 0.29 -1.22	43.38 0.07 -1.65	49.05 -0.09 -1.90	43.63 -0.02 -1.55	40.00 0.35 -1.30	37.86 0.81 -1.15	40.40 1.13 -1.28	41.12 1.24 -1.32	35.38 1.12 -0.95	32.56 1.02 -0.71	30.78 0.90 -0.38
LUTHERFT_115KV_GLOB_FND_222 355753	18.51 0.82 4.36	22.67 0.80 0.00	21.06 0.80 0.00	20.87 0.77 0.00	23.37 0.88 0.00	29.76 1.14 0.25	32.71 1.50 0.45	33.40 1.78 -0.75	46.07 1.92 -11.76	47.59 2.07 -12.46	35.17 1.96 0.00	40.35 2.27 1.23	35.17 1.90 0.29	39.08 2.14 0.09	51.09 2.54 -6.90	49.98 2.74 0.00	44.66 2.56 0.00	40.79 2.44 0.00	38.11 2.20 0.00	40.26 2.27 0.00	40.75 2.19 0.00	34.80 1.61 0.13	32.05 1.41 0.19	30.97 1.46 0.00
LUTHERNY_35_KV_BK2 355980	18.52 0.82 4.36	22.68 0.81 0.00	21.09 0.82 0.00	20.88 0.78 0.00	23.38 0.89 0.00	29.76 1.14 0.25	32.74 1.53 0.45	33.43 1.81 -0.75	46.10 1.95 -11.76	47.61 2.09 -12.46	35.18 1.97 0.00	40.38 2.30 1.23	35.21 1.93 0.29	39.10 2.16 0.09	51.12 2.57 -6.90	50.01 2.78 0.00	44.72 2.63 0.00	40.85 2.50 0.00	38.15 2.25 0.00	40.28 2.30 0.00	40.80 2.24 0.00	34.79 1.61 0.13	32.04 1.40 0.19	30.96 1.45 0.00
LWR___OSWEGATCHIE_HYD 23850	22.27 0.22 0.00	22.07 0.20 0.00	20.41 0.14 0.00	20.26 0.16 0.00	22.60 0.11 0.00	29.00 0.13 0.00	31.76 0.11 0.00	31.06 0.06 -0.13	33.36 0.16 -0.81	33.87 -0.03 -0.84	33.83 -0.21 -0.83	39.99 -0.49 -1.17	33.81 -0.61 -0.85	37.33 -0.75 -1.05	41.98 -1.00 -1.33	47.68 -1.19 -1.64	42.38 -1.05 -1.34	38.61 -0.86 -1.12	36.51 -0.38 -0.99	39.08 -0.01 -1.10	39.83 0.13 -1.14	34.32 0.18 -0.82	31.67 0.23 -0.62	30.12 0.29 -0.32
LYONS_FALL_HYD 23570	22.62 0.57 0.00	22.42 0.54 0.00	20.73 0.47 0.00	20.57 0.47 0.00	23.03 0.54 0.00	29.65 0.78 0.00	32.65 1.00 0.00	31.95 0.97 -0.10	34.13 1.04 -0.69	34.79 1.02 -0.71	34.89 0.98 -0.70	41.25 0.94 -1.00	34.92 0.62 -0.73	38.56 0.64 -0.90	43.38 0.49 -1.24	49.06 0.43 -1.40	43.70 0.46 -1.15	40.12 0.81 -0.96	37.86 1.11 -0.85	40.24 1.31 -0.94	40.90 1.36 -0.97	35.19 1.18 -0.70	32.41 1.05 -0.53	30.70 0.92 -0.27
MADISON___COUNTY_LFGE 323628	22.76 0.71 0.00	22.55 0.68 0.00	20.87 0.61 0.00	20.70 0.59 0.00	23.19 0.70 0.00	29.86 0.99 0.00	32.87 1.22 0.00	32.15 1.18 -0.10	34.29 1.23 -0.67	34.96 1.21 -0.69	35.14 1.25 -0.68	41.70 1.42 -0.97	35.40 1.12 -0.71	39.09 1.19 -0.87	44.06 1.13 -1.28	49.77 1.17 -1.36	44.35 1.14 -1.11	40.81 1.52 -0.93	38.31 1.58 -0.82	40.52 1.61 -0.92	41.09 1.58 -0.95	35.27 1.28 -0.68	32.46 1.13 -0.51	30.74 0.97 -0.27
MALONE___115KV_TB1 356076	22.53 0.48 0.00	22.34 0.47 0.00	20.65 0.38 0.00	20.48 0.37 0.00	22.80 0.31 0.00	29.25 0.37 0.00	32.07 0.43 0.00	31.62 0.75 0.00	33.34 0.95 0.00	33.84 0.77 0.00	33.84 0.63 0.00	39.85 0.54 0.00	33.93 0.36 0.00	37.36 0.33 0.00	42.03 0.38 0.00	47.64 0.40 0.00	42.48 0.39 0.00	38.47 0.12 0.00	36.20 0.29 0.00	38.79 0.80 0.00	39.45 0.89 0.00	34.02 0.71 0.00	31.51 0.68 0.00	30.21 0.70 0.00

MAPLEWOD_115KV_TB3 80458	18.18 0.37 4.24	22.23 0.35 0.00	20.66 0.39 0.00	20.47 0.37 0.00	22.91 0.41 0.00	29.14 0.51 0.24	31.93 0.72 0.43	30.63 0.93 1.17	18.49 1.00 14.91	18.43 1.17 15.80	34.36 1.15 0.00	39.48 1.37 1.20	34.46 1.17 0.28	38.35 1.41 0.08	50.27 1.82 -6.80	49.13 1.90 0.00	43.89 1.80 0.00	40.02 1.67 0.00	37.40 1.50 0.00	39.55 1.57 0.00	40.00 1.44 0.00	34.18 1.00 0.13	31.51 0.86 0.18	30.40 0.90 0.00
MAPLE_RIDGE_WT_1 323574	22.09 0.04 0.00	21.92 0.04 0.00	20.30 0.04 0.00	20.14 0.04 0.00	22.54 0.05 0.00	28.95 0.07 0.00	31.74 0.09 0.00	30.99 0.12 0.00	32.52 0.13 0.00	33.21 0.14 0.00	33.38 0.17 0.00	39.51 0.20 0.00	33.73 0.16 0.00	37.21 0.19 0.00	41.84 0.18 0.00	47.41 0.18 0.00	42.25 0.16 0.00	38.54 0.19 0.00	36.12 0.22 0.00	38.10 0.11 0.00	38.56 0.00 0.00	33.40 0.08 0.00	30.95 0.12 0.00	29.62 0.11 0.00
MAPLE_RIDGE_WT_2 323611	22.09 0.04 0.00	21.92 0.04 0.00	20.30 0.04 0.00	20.14 0.04 0.00	22.54 0.05 0.00	28.95 0.07 0.00	31.74 0.09 0.00	30.99 0.12 0.00	32.52 0.13 0.00	33.21 0.14 0.00	33.38 0.17 0.00	39.51 0.20 0.00	33.73 0.16 0.00	37.21 0.19 0.00	41.84 0.18 0.00	47.41 0.18 0.00	42.25 0.16 0.00	38.54 0.19 0.00	36.12 0.22 0.00	38.10 0.11 0.00	38.56 0.00 0.00	33.40 0.08 0.00	30.95 0.12 0.00	29.62 0.11 0.00
MARBLE_RIVER_WT_PWR 323696	22.49 0.44 0.00	22.33 0.45 0.00	20.64 0.37 0.00	20.46 0.36 0.00	22.79 0.30 0.00	29.23 0.36 0.00	32.10 0.45 0.00	31.70 0.83 0.00	33.40 1.00 0.00	33.87 0.81 0.00	33.87 0.66 0.00	39.84 0.52 0.00	33.94 0.37 0.00	37.41 0.38 0.00	42.13 0.48 0.00	47.72 0.49 0.00	42.58 0.49 0.00	38.53 0.17 0.00	36.16 0.26 0.00	38.72 0.74 0.00	39.46 0.90 0.00	33.95 0.64 0.00	31.49 0.66 0.00	30.18 0.67 0.00
MARSHVLE_115KV_TB1 80742	20.71 2.12 3.46	24.02 2.14 0.00	22.17 1.91 0.00	21.99 1.89 0.00	24.66 2.17 0.00	31.61 2.93 0.20	34.49 3.20 0.35	33.94 3.15 0.08	35.42 3.03 0.00	35.90 2.84 0.00	36.03 2.82 0.00	41.78 3.46 0.99	35.93 2.59 0.23	39.76 2.80 0.07	51.14 2.54 -6.95	50.90 3.67 0.00	45.22 3.12 0.00	41.54 3.19 0.00	39.09 3.19 0.00	41.22 3.23 0.00	41.93 3.37 0.00	36.39 3.18 0.10	33.53 2.85 0.15	32.07 2.57 0.00
MARSH_HILL_WT_PWR 323713	23.20 1.15 0.00	22.98 1.10 0.00	21.07 0.80 0.00	20.92 0.81 0.00	23.55 1.06 0.00	30.40 1.53 0.00	33.36 1.71 0.00	32.37 1.50 0.00	33.54 1.15 0.00	33.80 0.74 0.00	34.11 0.90 0.00	40.39 1.07 0.00	34.43 0.87 0.00	37.95 0.92 0.00	42.68 0.46 -0.57	48.01 0.77 0.00	42.68 0.59 0.00	39.52 1.17 0.00	36.92 1.01 0.00	38.75 0.76 0.00	39.51 0.95 0.00	34.29 0.97 0.00	31.92 1.09 0.00	30.25 0.75 0.00
MCINTYRE_115KV_TB2 80467	22.34 0.29 0.00	22.14 0.27 0.00	20.46 0.20 0.00	20.34 0.24 0.00	22.68 0.18 0.00	29.08 0.20 0.00	31.77 0.12 0.00	30.97 0.10 0.00	32.68 0.29 0.00	33.14 0.08 0.00	32.92 -0.29 0.00	38.92 -0.40 0.00	33.05 -0.52 0.00	36.42 -0.61 0.00	40.95 -0.70 0.00	46.47 -0.76 0.00	41.37 -0.73 0.00	37.45 -0.91 0.00	35.55 -0.36 0.00	38.19 0.20 0.00	38.95 0.38 0.00	33.71 0.40 0.00	31.23 0.40 0.00	29.97 0.47 0.00
MECO____69_KV_BK1 80468	21.19 2.60 3.46	24.44 2.57 0.00	22.57 2.31 0.00	22.39 2.29 0.00	25.14 2.64 0.00	32.26 3.58 0.20	35.46 4.16 0.35	34.99 4.19 0.08	36.36 3.96 0.00	36.89 3.83 0.00	37.06 3.85 0.00	42.54 4.22 0.99	36.05 2.72 0.23	39.83 2.87 0.07	52.18 3.58 -6.95	50.97 3.74 0.00	46.63 4.53 0.00	43.15 4.80 0.00	40.80 4.90 0.00	43.03 5.04 0.00	43.60 5.04 0.00	37.58 4.37 0.10	34.46 3.78 0.15	32.95 3.45 0.00
MENANDS_115KV_TB5 355628	18.05 0.22 4.22	22.08 0.21 0.00	20.52 0.26 0.00	20.35 0.24 0.00	22.76 0.27 0.00	28.94 0.32 0.24	31.71 0.49 0.43	30.36 0.69 1.20	17.77 0.75 15.37	17.70 0.93 16.29	34.11 0.90 0.00	39.21 1.10 1.20	34.24 0.96 0.28	38.11 1.17 0.08	50.01 1.56 -6.79	48.84 1.61 0.00	43.62 1.52 0.00	39.76 1.41 0.00	37.13 1.23 0.00	39.28 1.30 0.00	39.71 1.16 0.00	33.94 0.76 0.12	31.29 0.65 0.18	30.22 0.72 0.00
MG INDUSTRY__DRP 24185	19.86 0.38 2.57	22.25 0.37 0.00	20.68 0.42 0.00	20.50 0.40 0.00	22.95 0.45 0.00	29.29 0.57 0.15	32.14 0.75 0.27	31.11 0.92 0.68	24.76 0.97 8.60	25.05 1.11 9.12	34.26 1.05 0.00	39.79 1.24 0.76	34.47 1.08 0.18	38.29 1.31 0.05	49.97 1.63 -6.68	48.90 1.67 0.00	43.63 1.53 0.00	39.87 1.52 0.00	37.27 1.37 0.00	39.43 1.45 0.00	39.88 1.32 0.00	34.19 0.96 0.08	31.55 0.84 0.12	30.38 0.87 0.00
MID__OSWEGATCHIE_HYD 23849	22.27 0.22 0.00	22.07 0.20 0.00	20.41 0.14 0.00	20.26 0.16 0.00	22.60 0.11 0.00	29.00 0.13 0.00	31.76 0.11 0.00	31.06 0.06 -0.13	33.36 0.16 -0.81	33.87 -0.03 -0.84	33.83 -0.21 -0.83	39.99 -0.49 -1.17	33.81 -0.61 -0.85	37.33 -0.75 -1.05	41.98 -1.00 -1.33	47.68 -1.19 -1.64	42.38 -1.05 -1.34	38.61 -0.86 -1.12	36.51 -0.38 -0.99	39.08 -0.01 -1.10	39.83 0.13 -1.14	34.32 0.18 -0.82	31.67 0.23 -0.62	30.12 0.29 -0.32
MID__RAQUETTE_HYD 23851	22.05 0.00 0.00	21.87 0.00 0.00	20.22 -0.05 0.00	20.07 -0.03 0.00	22.33 -0.16 0.00	28.54 -0.33 0.00	31.05 -0.60 0.00	30.31 -0.62 -0.06	32.35 -0.46 -0.42	32.80 -0.70 -0.43	32.72 -0.92 -0.43	38.69 -1.22 -0.61	32.83 -1.18 -0.44	36.24 -1.34 -0.54	40.81 -1.52 -0.69	46.38 -1.70 -0.85	41.24 -1.55 -0.69	37.28 -1.65 -0.58	35.17 -1.25 -0.51	37.66 -0.90 -0.57	38.39 -0.76 -0.59	33.19 -0.55 -0.43	30.79 -0.36 -0.32	29.56 -0.11 -0.17
MILLIKEN__1 23584	22.80 0.75 0.00	22.61 0.73 0.00	20.88 0.61 0.00	20.71 0.61 0.00	23.20 0.71 0.00	29.89 1.01 0.00	32.86 1.21 0.00	32.20 1.10 -0.23	34.84 0.98 -1.47	35.44 0.86 -1.52	35.64 0.92 -1.51	42.56 1.10 -2.15	36.10 0.96 -1.57	39.96 1.00 -1.93	45.63 0.97 -3.00	51.41 1.16 -3.02	45.63 1.07 -2.46	41.76 1.35 -2.07	38.93 1.20 -1.82	41.12 1.10 -2.03	41.75 1.09 -2.10	35.68 0.86 -1.51	32.71 0.75 -1.14	30.69 0.59 -0.59
MILLIKEN__2 23585	22.80 0.75 0.00	22.61 0.73 0.00	20.88 0.61 0.00	20.71 0.61 0.00	23.20 0.71 0.00	29.89 1.01 0.00	32.86 1.21 0.00	32.20 1.10 -0.23	34.84 0.98 -1.47	35.44 0.86 -1.52	35.64 0.92 -1.51	42.56 1.10 -2.15	36.10 0.96 -1.57	39.96 1.00 -1.93	45.63 0.97 -3.00	51.41 1.16 -3.02	45.63 1.07 -2.46	41.76 1.35 -2.07	38.93 1.20 -1.82	41.12 1.10 -2.03	41.75 1.09 -2.10	35.68 0.86 -1.51	32.71 0.75 -1.14	30.69 0.59 -0.59
MILLIKEN__DIESEL 23629	22.80 0.75 0.00	22.61 0.73 0.00	20.88 0.61 0.00	20.71 0.61 0.00	23.20 0.71 0.00	29.89 1.01 0.00	32.86 1.21 0.00	32.20 1.10 -0.23	34.84 0.98 -1.47	35.44 0.86 -1.52	35.64 0.92 -1.51	42.56 1.10 -2.15	36.10 0.96 -1.57	39.96 1.00 -1.93	45.63 0.97 -3.00	51.41 1.16 -3.02	45.63 1.07 -2.46	41.76 1.35 -2.07	38.93 1.20 -1.82	41.12 1.10 -2.03	41.75 1.09 -2.10	35.68 0.86 -1.51	32.71 0.75 -1.14	30.69 0.59 -0.59

MILLSEAT___LFGE 323607	23.33 1.28 0.00	23.04 1.17 0.00	21.04 0.78 0.00	20.92 0.82 0.00	23.60 1.11 0.00	30.58 1.71 0.00	33.31 1.66 0.00	31.95 1.08 0.00	33.03 0.63 0.00	33.17 0.11 0.00	33.47 0.26 0.00	39.76 0.44 0.00	33.70 0.13 0.00	37.17 0.14 0.00	41.60 -0.47 -0.42	47.05 -0.19 0.00	41.91 -0.19 0.00	39.21 0.86 0.00	36.79 0.88 0.00	38.46 0.47 0.00	39.17 0.61 0.00	34.04 0.73 0.00	31.77 0.95 0.00	30.10 0.60 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	26.16 0.72 -3.39	22.60 0.72 0.00	21.00 0.74 0.00	20.79 0.69 0.00	23.29 0.80 0.00	30.05 0.99 -0.19	33.29 1.31 -0.34	32.37 1.43 -0.07	33.83 1.44 0.00	34.73 1.67 0.00	35.01 1.80 0.00	42.38 2.20 -0.86	35.83 2.06 -0.20	39.35 2.26 -0.06	49.59 2.69 -5.24	50.38 3.14 0.00	44.91 2.81 0.00	41.03 2.68 0.00	38.29 2.39 0.00	40.06 2.07 0.00	40.47 1.91 0.00	35.16 1.76 -0.09	32.51 1.55 -0.13	31.07 1.56 0.00
MILLWOOD_13_KV_LOAD 356217	26.22 0.78 -3.39	22.66 0.79 0.00	21.06 0.80 0.00	20.85 0.75 0.00	23.36 0.87 0.00	30.14 1.07 -0.19	33.39 1.40 -0.34	32.47 1.53 -0.07	33.94 1.54 0.00	34.86 1.79 0.00	35.14 1.93 0.00	42.54 2.36 -0.86	35.96 2.19 -0.20	39.51 2.42 -0.06	49.77 2.87 -5.24	50.59 3.35 0.00	45.10 3.00 0.00	41.19 2.85 0.00	38.46 2.55 0.00	40.21 2.22 0.00	40.63 2.07 0.00	35.30 1.90 -0.09	32.62 1.66 -0.13	31.16 1.65 0.00
MODEL_CITY_ENERGY 24167	22.78 0.73 0.00	22.51 0.63 0.00	20.52 0.26 0.00	20.41 0.31 0.00	23.05 0.55 0.00	29.84 0.97 0.00	32.36 0.71 0.00	30.92 0.05 0.00	31.95 -0.45 0.00	32.06 -1.00 0.00	32.40 -0.81 0.00	38.43 -0.88 0.00	32.63 -0.94 0.00	35.92 -1.11 0.00	40.18 -1.90 -0.43	45.42 -1.82 0.00	40.55 -1.55 0.00	37.90 -0.45 0.00	35.44 -0.47 0.00	36.99 -1.00 0.00	37.72 -0.84 0.00	32.91 -0.40 0.00	30.85 0.02 0.00	29.26 -0.24 0.00
MODERN_LFGE___ 323580	22.78 0.73 0.00	22.51 0.63 0.00	20.52 0.26 0.00	20.41 0.31 0.00	23.05 0.55 0.00	29.84 0.97 0.00	32.36 0.71 0.00	30.92 0.05 0.00	31.95 -0.45 0.00	32.06 -1.00 0.00	32.40 -0.81 0.00	38.43 -0.88 0.00	32.63 -0.94 0.00	35.92 -1.11 0.00	40.18 -1.90 -0.43	45.42 -1.82 0.00	40.55 -1.55 0.00	37.90 -0.45 0.00	35.44 -0.47 0.00	36.99 -1.00 0.00	37.72 -0.84 0.00	32.91 -0.40 0.00	30.85 0.02 0.00	29.26 -0.24 0.00
MOHAWK_PAPER___DRP 24187	18.18 0.37 4.24	22.23 0.35 0.00	20.66 0.39 0.00	20.47 0.37 0.00	22.91 0.41 0.00	29.14 0.51 0.24	31.93 0.72 0.43	30.63 0.93 1.17	18.49 1.00 14.91	18.43 1.17 15.80	34.36 1.15 0.00	39.48 1.37 1.20	34.46 1.17 0.28	38.35 1.41 0.08	50.27 1.82 -6.80	49.13 1.90 0.00	43.89 1.80 0.00	40.02 1.67 0.00	37.40 1.50 0.00	39.55 1.57 0.00	40.00 1.44 0.00	34.18 1.00 0.13	31.51 0.86 0.18	30.40 0.90 0.00
MOHICAN___35_KV_115KV_LD 80490	18.54 0.78 4.29	22.60 0.72 0.00	20.97 0.70 0.00	20.81 0.70 0.00	23.31 0.82 0.00	29.76 1.14 0.24	32.89 1.68 0.44	33.63 2.07 -0.70	45.60 2.26 -10.94	47.10 2.44 -11.60	35.50 2.30 0.00	40.69 2.59 1.22	35.36 2.08 0.29	39.29 2.35 0.09	51.21 2.66 -6.90	50.01 2.78 0.00	44.71 2.62 0.00	40.85 2.50 0.00	38.14 2.24 0.00	40.27 2.29 0.00	40.80 2.24 0.00	34.82 1.64 0.13	32.00 1.35 0.19	31.01 1.50 0.00
MONGAUP___HYD 23641	25.53 0.78 -2.70	22.64 0.77 0.00	21.02 0.76 0.00	20.81 0.71 0.00	23.31 0.82 0.00	30.07 1.04 -0.15	33.29 1.37 -0.27	32.40 1.47 -0.05	33.90 1.50 0.00	34.64 1.58 0.00	34.86 1.65 0.00	42.04 2.04 -0.70	35.56 1.83 -0.16	38.99 1.91 -0.05	48.57 2.39 -4.53	50.26 3.02 0.00	44.81 2.71 0.00	40.97 2.62 0.00	38.28 2.37 0.00	40.25 2.27 0.00	40.71 2.15 0.00	35.23 1.85 -0.07	32.53 1.59 -0.11	31.02 1.51 0.00
MONTAUK___DIESEL 23721	28.08 2.60 -3.42	24.45 2.58 0.00	22.75 2.49 0.00	22.54 2.44 0.00	25.29 2.80 0.00	32.76 3.69 -0.20	36.31 4.32 -0.34	35.38 4.44 -0.07	37.02 4.62 0.00	38.17 5.11 0.00	39.50 5.64 -0.65	46.70 6.50 -0.88	39.77 5.98 -0.22	213.69 6.54 -170.13	92.77 7.32 -43.81	55.86 8.61 -0.02	50.21 7.49 -0.63	45.61 7.19 -0.07	42.64 6.48 -0.25	44.23 6.24 0.00	44.57 6.01 0.00	38.55 5.14 -0.09	35.29 4.33 -0.13	33.45 3.94 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	23.51 1.46 0.00	23.28 1.40 0.00	21.25 0.98 0.00	21.08 0.97 0.00	23.78 1.29 0.00	30.79 1.92 0.00	33.77 2.12 0.00	32.63 1.76 0.00	33.78 1.39 0.00	34.07 1.00 0.00	34.37 1.16 0.00	40.80 1.49 0.00	34.70 1.13 0.00	38.27 1.24 0.00	42.90 0.76 -0.49	48.48 1.25 0.00	43.24 1.14 0.00	40.34 1.99 0.00	37.55 1.64 0.00	39.11 1.12 0.00	39.87 1.31 0.00	34.62 1.31 0.00	32.27 1.44 0.00	30.55 1.04 0.00
MORTIMER_115KV_TB3 55949	23.09 1.04 0.00	22.85 0.97 0.00	20.96 0.69 0.00	20.81 0.71 0.00	23.41 0.92 0.00	30.25 1.38 0.00	33.01 1.36 0.00	31.75 0.95 0.07	32.59 0.63 0.43	32.94 0.32 0.45	33.22 0.45 0.44	39.26 0.56 0.61	33.49 0.37 0.45	36.86 0.38 0.55	41.35 0.02 0.33	46.59 0.22 0.86	41.67 0.28 0.70	38.70 0.94 0.59	36.28 0.89 0.52	37.97 0.56 0.58	38.52 0.55 0.60	33.48 0.60 0.43	31.20 0.69 0.32	29.76 0.43 0.17
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	26.34 0.86 -3.42	22.75 0.87 0.00	21.14 0.87 0.00	20.92 0.82 0.00	23.44 0.94 0.00	30.22 1.15 -0.20	33.47 1.48 -0.34	32.53 1.60 -0.07	34.01 1.62 0.00	34.98 1.91 0.00	35.27 2.06 0.00	42.68 2.50 -0.87	36.11 2.33 -0.21	39.60 2.51 -0.06	49.87 2.92 -5.30	50.66 3.42 0.00	45.13 3.04 0.00	41.22 2.87 0.00	38.49 2.58 0.00	40.21 2.22 0.00	40.65 2.09 0.00	35.43 2.02 -0.09	32.77 1.81 -0.13	31.31 1.80 0.00
MUNSVILLE_WIND_PWR 323609	23.93 1.88 0.00	23.69 1.81 0.00	21.87 1.60 0.00	21.70 1.59 0.00	24.35 1.86 0.00	31.47 2.60 0.00	34.86 3.21 0.00	34.05 3.04 -0.13	36.28 3.03 -0.85	36.94 2.99 -0.89	37.27 3.16 -0.90	44.53 3.86 -1.35	37.66 3.10 -0.99	41.56 3.31 -1.22	47.21 3.15 -2.41	52.86 3.73 -1.90	47.21 3.56 -1.55	43.81 4.16 -1.30	41.17 4.12 -1.15	43.38 4.11 -1.28	43.99 4.11 -1.32	37.52 3.26 -0.95	34.39 2.85 -0.71	32.36 2.48 -0.38
N SALMON___HYD 24042	22.53 0.48 0.00	22.35 0.47 0.00	20.65 0.38 0.00	20.48 0.37 0.00	22.80 0.31 0.00	29.24 0.37 0.00	32.07 0.43 0.00	31.62 0.75 0.00	33.35 0.95 0.00	33.84 0.77 0.00	33.84 0.63 0.00	39.85 0.54 0.00	33.93 0.36 0.00	37.36 0.33 0.00	42.03 0.38 0.00	47.63 0.40 0.00	42.48 0.39 0.00	38.47 0.12 0.00	36.20 0.30 0.00	38.79 0.80 0.00	39.45 0.89 0.00	34.01 0.70 0.00	31.51 0.68 0.00	30.21 0.70 0.00
N.AKRON___115KV_KNAPP 355671	23.28 1.23 0.00	22.98 1.11 0.00	20.98 0.71 0.00	20.85 0.75 0.00	23.54 1.05 0.00	30.49 1.62 0.00	33.18 1.54 0.00	31.81 0.94 0.00	32.87 0.48 0.00	33.02 -0.04 0.00	33.34 0.12 0.00	39.66 0.34 0.00	33.56 -0.01 0.00	36.99 -0.04 0.00	41.40 -0.67 -0.42	46.91 -0.33 0.00	41.74 -0.36 0.00	39.02 0.67 0.00	36.58 0.67 0.00	38.22 0.23 0.00	38.92 0.36 0.00	33.88 0.57 0.00	31.66 0.83 0.00	30.00 0.49 0.00

N.BELMOR_69_KV_BK1 55787	26.62 1.14 -3.42	23.02 1.15 0.00	21.40 1.13 0.00	21.19 1.09 0.00	23.75 1.26 0.00	30.67 1.61 -0.20	33.86 1.87 -0.34	32.95 2.01 -0.07	34.45 2.05 0.00	35.34 2.28 0.00	35.78 2.57 0.00	43.08 2.89 -0.87	36.62 2.85 -0.21	40.20 3.11 -0.06	50.47 3.52 -5.30	51.43 4.20 0.00	45.72 3.63 0.00	42.03 3.68 0.00	39.20 3.29 0.00	40.87 2.88 0.00	41.28 2.72 0.00	35.93 2.53 -0.09	33.18 2.22 -0.13	31.63 2.12 0.00
N.E_GEN_SANDY PD 24062	-5.77 0.35 28.17	22.25 0.37 0.00	20.68 0.42 0.00	20.50 0.40 0.00	22.92 0.42 0.00	27.74 0.48 1.62	28.99 0.69 3.35	31.53 0.90 0.25	38.04 0.98 -4.66	39.19 1.19 -4.94	33.28 1.14 1.08	34.98 1.38 5.72	34.40 1.22 0.39	37.95 1.46 0.54	49.82 1.98 -6.19	48.31 2.11 1.04	45.11 2.00 -1.02	40.17 1.82 0.00	37.47 1.57 0.00	39.57 1.58 0.00	40.02 1.46 0.00	33.18 1.02 1.15	30.67 0.93 1.08	28.53 0.99 1.97
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	25.85 0.69 -3.11	22.57 0.70 0.00	20.97 0.70 0.00	20.76 0.66 0.00	23.26 0.77 0.00	30.01 0.96 -0.18	33.26 1.30 -0.31	32.33 1.40 -0.06	33.78 1.38 0.00	34.66 1.60 0.00	34.96 1.76 0.00	42.30 2.19 -0.79	35.79 2.03 -0.19	39.32 2.24 -0.06	49.30 2.67 -4.97	50.38 3.14 0.00	44.91 2.82 0.00	41.02 2.67 0.00	38.29 2.39 0.00	40.05 2.06 0.00	40.44 1.88 0.00	35.12 1.72 -0.08	32.45 1.50 -0.12	31.02 1.52 0.00
N.QUEENS_27_KV_LOAD 356247	26.32 0.85 -3.42	22.73 0.85 0.00	21.14 0.87 0.00	20.92 0.82 0.00	23.41 0.92 0.00	30.21 1.14 -0.20	33.49 1.50 -0.34	32.52 1.58 -0.07	33.99 1.60 0.00	34.93 1.86 0.00	35.21 2.00 0.00	42.61 2.42 -0.87	36.08 2.30 -0.21	39.53 2.44 -0.06	49.85 2.90 -5.30	50.62 3.39 0.00	45.14 3.05 0.00	41.21 2.86 0.00	38.48 2.58 0.00	40.14 2.15 0.00	40.62 2.06 0.00	35.40 1.99 -0.09	32.74 1.78 -0.13	31.29 1.79 0.00
N.TROY___115KV_TB1 355778	17.16 0.47 5.36	22.33 0.45 0.00	20.75 0.48 0.00	20.58 0.48 0.00	23.02 0.53 0.00	29.19 0.63 0.31	31.96 0.86 0.55	33.93 1.20 -1.86	61.23 1.35 -27.48	63.67 1.49 -29.12	34.53 1.32 0.00	39.33 1.52 1.50	34.48 1.27 0.36	38.43 1.51 0.11	50.45 1.97 -6.83	49.28 2.05 0.00	44.01 1.92 0.00	40.12 1.77 0.00	37.47 1.56 0.00	39.67 1.69 0.00	40.15 1.59 0.00	34.24 1.09 0.16	31.55 0.96 0.23	30.55 1.05 0.00
NARROWS_GT1_1 24228	26.45 0.98 -3.42	22.84 0.97 0.00	21.23 0.97 0.00	21.01 0.91 0.00	23.53 1.04 0.00	30.35 1.28 -0.20	33.66 1.67 -0.34	32.63 1.69 -0.07	34.09 1.69 0.00	35.06 2.00 0.00	35.37 2.16 0.00	42.81 2.62 -0.87	36.31 2.47 -0.27	39.75 2.66 -0.06	50.33 3.02 -5.66	97.04 3.52 -46.28	401.30 3.17 -356.04	42.91 2.99 -1.58	38.66 2.75 0.00	40.30 2.31 0.00	40.77 2.20 -0.01	35.60 2.18 -0.10	32.94 1.98 -0.14	31.45 1.95 0.00
NARROWS_GT1_2 24229	26.45 0.98 -3.42	22.84 0.97 0.00	21.23 0.97 0.00	21.01 0.91 0.00	23.53 1.04 0.00	30.35 1.28 -0.20	33.66 1.67 -0.34	32.63 1.69 -0.07	34.09 1.69 0.00	35.06 2.00 0.00	35.37 2.16 0.00	42.81 2.62 -0.87	36.31 2.47 -0.27	39.75 2.66 -0.06	50.33 3.02 -5.66	97.04 3.52 -46.28	401.30 3.17 -356.04	42.91 2.99 -1.58	38.66 2.75 0.00	40.30 2.31 0.00	40.77 2.20 -0.01	35.60 2.18 -0.10	32.94 1.98 -0.14	31.45 1.95 0.00
NARROWS_GT1_3 24230	26.45 0.98 -3.42	22.84 0.97 0.00	21.23 0.97 0.00	21.01 0.91 0.00	23.53 1.04 0.00	30.35 1.28 -0.20	33.66 1.67 -0.34	32.63 1.69 -0.07	34.09 1.69 0.00	35.06 2.00 0.00	35.37 2.16 0.00	42.81 2.62 -0.87	36.31 2.47 -0.27	39.75 2.66 -0.06	50.33 3.02 -5.66	97.04 3.52 -46.28	401.30 3.17 -356.04	42.91 2.99 -1.58	38.66 2.75 0.00	40.30 2.31 0.00	40.77 2.20 -0.01	35.60 2.18 -0.10	32.94 1.98 -0.14	31.45 1.95 0.00
NARROWS_GT1_4 24231	26.45 0.98 -3.42	22.84 0.97 0.00	21.23 0.97 0.00	21.01 0.91 0.00	23.53 1.04 0.00	30.35 1.28 -0.20	33.66 1.67 -0.34	32.63 1.69 -0.07	34.09 1.69 0.00	35.06 2.00 0.00	35.37 2.16 0.00	42.81 2.62 -0.87	36.31 2.47 -0.27	39.75 2.66 -0.06	50.33 3.02 -5.66	97.04 3.52 -46.28	401.30 3.17 -356.04	42.91 2.99 -1.58	38.66 2.75 0.00	40.30 2.31 0.00	40.77 2.20 -0.01	35.60 2.18 -0.10	32.94 1.98 -0.14	31.45 1.95 0.00
NARROWS_GT1_5 24232	26.45 0.98 -3.42	22.84 0.97 0.00	21.23 0.97 0.00	21.01 0.91 0.00	23.53 1.04 0.00	30.35 1.28 -0.20	33.66 1.67 -0.34	32.63 1.69 -0.07	34.09 1.69 0.00	35.06 2.00 0.00	35.37 2.16 0.00	42.81 2.62 -0.87	36.31 2.47 -0.27	39.75 2.66 -0.06	50.33 3.02 -5.66	97.04 3.52 -46.28	401.30 3.17 -356.04	42.91 2.99 -1.58	38.66 2.75 0.00	40.30 2.31 0.00	40.77 2.20 -0.01	35.60 2.18 -0.10	32.94 1.98 -0.14	31.45 1.95 0.00
NARROWS_GT1_6 24233	26.45 0.98 -3.42	22.84 0.97 0.00	21.23 0.97 0.00	21.01 0.91 0.00	23.53 1.04 0.00	30.35 1.28 -0.20	33.66 1.67 -0.34	32.63 1.69 -0.07	34.09 1.69 0.00	35.06 2.00 0.00	35.37 2.16 0.00	42.81 2.62 -0.87	36.31 2.47 -0.27	39.75 2.66 -0.06	50.33 3.02 -5.66	97.04 3.52 -46.28	401.30 3.17 -356.04	42.91 2.99 -1.58	38.66 2.75 0.00	40.30 2.31 0.00	40.77 2.20 -0.01	35.60 2.18 -0.10	32.94 1.98 -0.14	31.45 1.95 0.00
NARROWS_GT1_7 24234	26.45 0.98 -3.42	22.84 0.97 0.00	21.23 0.97 0.00	21.01 0.91 0.00	23.53 1.04 0.00	30.35 1.28 -0.20	33.66 1.67 -0.34	32.63 1.69 -0.07	34.09 1.69 0.00	35.06 2.00 0.00	35.37 2.16 0.00	42.81 2.62 -0.87	36.31 2.47 -0.27	39.75 2.66 -0.06	50.33 3.02 -5.66	97.04 3.52 -46.28	401.30 3.17 -356.04	42.91 2.99 -1.58	38.66 2.75 0.00	40.30 2.31 0.00	40.77 2.20 -0.01	35.60 2.18 -0.10	32.94 1.98 -0.14	31.45 1.95 0.00
NARROWS_GT1_8 24235	26.45 0.98 -3.42	22.84 0.97 0.00	21.23 0.97 0.00	21.01 0.91 0.00	23.53 1.04 0.00	30.35 1.28 -0.20	33.66 1.67 -0.34	32.63 1.69 -0.07	34.09 1.69 0.00	35.06 2.00 0.00	35.37 2.16 0.00	42.81 2.62 -0.87	36.31 2.47 -0.27	39.75 2.66 -0.06	50.33 3.02 -5.66	97.04 3.52 -46.28	401.30 3.17 -356.04	42.91 2.99 -1.58	38.66 2.75 0.00	40.30 2.31 0.00	40.77 2.20 -0.01	35.60 2.18 -0.10	32.94 1.98 -0.14	31.45 1.95 0.00
NARROWS_GT2_1 24236	26.45 0.98 -3.42	22.84 0.97 0.00	21.23 0.97 0.00	21.01 0.91 0.00	23.53 1.04 0.00	30.35 1.28 -0.20	33.66 1.67 -0.34	32.63 1.69 -0.07	34.09 1.69 0.00	35.06 2.00 0.00	35.37 2.16 0.00	42.81 2.62 -0.87	36.31 2.47 -0.27	39.75 2.66 -0.06	50.33 3.02 -5.66	97.04 3.52 -46.28	401.30 3.17 -356.04	42.91 2.99 -1.58	38.66 2.75 0.00	40.30 2.31 0.00	40.77 2.20 -0.01	35.60 2.18 -0.10	32.94 1.98 -0.14	31.45 1.95 0.00
NARROWS_GT2_2 24237	26.45 0.98 -3.42	22.84 0.97 0.00	21.23 0.97 0.00	21.01 0.91 0.00	23.53 1.04 0.00	30.35 1.28 -0.20	33.66 1.67 -0.34	32.63 1.69 -0.07	34.09 1.69 0.00	35.06 2.00 0.00	35.37 2.16 0.00	42.81 2.62 -0.87	36.31 2.47 -0.27	39.75 2.66 -0.06	50.33 3.02 -5.66	97.04 3.52 -46.28	401.30 3.17 -356.04	42.91 2.99 -1.58	38.66 2.75 0.00	40.30 2.31 0.00	40.77 2.20 -0.01	35.60 2.18 -0.10	32.94 1.98 -0.14	31.45 1.95 0.00

NARROWS_GT2_3 24238	26.45 0.98 -3.42	22.84 0.97 0.00	21.23 0.97 0.00	21.01 0.91 0.00	23.53 1.04 0.00	30.35 1.28 -0.20	33.66 1.67 -0.34	32.63 1.69 -0.07	34.09 1.69 0.00	35.06 2.00 0.00	35.37 2.16 0.00	42.81 2.62 -0.87	36.31 2.47 -0.27	39.75 2.66 -0.06	50.33 3.02 -5.66	97.04 3.52 -46.28	401.30 3.17 -356.04	42.91 2.99 -1.58	38.66 2.75 0.00	40.30 2.31 0.00	40.77 2.20 -0.01	35.60 2.18 -0.10	32.94 1.98 -0.14	31.45 1.95 0.00
NARROWS_GT2_4 24239	26.45 0.98 -3.42	22.84 0.97 0.00	21.23 0.97 0.00	21.01 0.91 0.00	23.53 1.04 0.00	30.35 1.28 -0.20	33.66 1.67 -0.34	32.63 1.69 -0.07	34.09 1.69 0.00	35.06 2.00 0.00	35.37 2.16 0.00	42.81 2.62 -0.87	36.31 2.47 -0.27	39.75 2.66 -0.06	50.33 3.02 -5.66	97.04 3.52 -46.28	401.30 3.17 -356.04	42.91 2.99 -1.58	38.66 2.75 0.00	40.30 2.31 0.00	40.77 2.20 -0.01	35.60 2.18 -0.10	32.94 1.98 -0.14	31.45 1.95 0.00
NARROWS_GT2_5 24240	26.45 0.98 -3.42	22.84 0.97 0.00	21.23 0.97 0.00	21.01 0.91 0.00	23.53 1.04 0.00	30.35 1.28 -0.20	33.66 1.67 -0.34	32.63 1.69 -0.07	34.09 1.69 0.00	35.06 2.00 0.00	35.37 2.16 0.00	42.81 2.62 -0.87	36.31 2.47 -0.27	39.75 2.66 -0.06	50.33 3.02 -5.66	97.04 3.52 -46.28	401.30 3.17 -356.04	42.91 2.99 -1.58	38.66 2.75 0.00	40.30 2.31 0.00	40.77 2.20 -0.01	35.60 2.18 -0.10	32.94 1.98 -0.14	31.45 1.95 0.00
NARROWS_GT2_6 24241	26.45 0.98 -3.42	22.84 0.97 0.00	21.23 0.97 0.00	21.01 0.91 0.00	23.53 1.04 0.00	30.35 1.28 -0.20	33.66 1.67 -0.34	32.63 1.69 -0.07	34.09 1.69 0.00	35.06 2.00 0.00	35.37 2.16 0.00	42.81 2.62 -0.87	36.31 2.47 -0.27	39.75 2.66 -0.06	50.33 3.02 -5.66	97.04 3.52 -46.28	401.30 3.17 -356.04	42.91 2.99 -1.58	38.66 2.75 0.00	40.30 2.31 0.00	40.77 2.20 -0.01	35.60 2.18 -0.10	32.94 1.98 -0.14	31.45 1.95 0.00
NARROWS_GT2_7 24242	26.45 0.98 -3.42	22.84 0.97 0.00	21.23 0.97 0.00	21.01 0.91 0.00	23.53 1.04 0.00	30.35 1.28 -0.20	33.66 1.67 -0.34	32.63 1.69 -0.07	34.09 1.69 0.00	35.06 2.00 0.00	35.37 2.16 0.00	42.81 2.62 -0.87	36.31 2.47 -0.27	39.75 2.66 -0.06	50.33 3.02 -5.66	97.04 3.52 -46.28	401.30 3.17 -356.04	42.91 2.99 -1.58	38.66 2.75 0.00	40.30 2.31 0.00	40.77 2.20 -0.01	35.60 2.18 -0.10	32.94 1.98 -0.14	31.45 1.95 0.00
NARROWS_GT2_8 24243	26.45 0.98 -3.42	22.84 0.97 0.00	21.23 0.97 0.00	21.01 0.91 0.00	23.53 1.04 0.00	30.35 1.28 -0.20	33.66 1.67 -0.34	32.63 1.69 -0.07	34.09 1.69 0.00	35.06 2.00 0.00	35.37 2.16 0.00	42.81 2.62 -0.87	36.31 2.47 -0.27	39.75 2.66 -0.06	50.33 3.02 -5.66	97.04 3.52 -46.28	401.30 3.17 -356.04	42.91 2.99 -1.58	38.66 2.75 0.00	40.30 2.31 0.00	40.77 2.20 -0.01	35.60 2.18 -0.10	32.94 1.98 -0.14	31.45 1.95 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	20.93 0.74 1.86	22.55 0.67 0.00	20.94 0.67 0.00	20.77 0.67 0.00	23.24 0.75 0.00	29.81 1.04 0.11	32.83 1.38 0.19	31.92 1.69 0.65	25.87 1.85 8.37	26.12 1.94 8.88	34.88 1.67 0.00	40.78 2.03 0.57	35.06 1.62 0.13	39.13 2.14 0.04	50.63 2.61 -6.37	49.83 2.60 0.00	44.39 2.29 0.00	40.81 2.46 0.00	38.24 2.34 0.00	40.59 2.60 0.00	41.00 2.44 0.00	34.98 1.73 0.06	32.22 1.48 0.09	30.90 1.39 0.00
NCHELSEA_115KV_TR2 355582	25.48 0.88 -2.55	22.75 0.88 0.00	21.14 0.87 0.00	20.93 0.83 0.00	23.44 0.94 0.00	30.21 1.19 -0.15	33.44 1.54 -0.26	32.60 1.68 -0.05	34.13 1.73 0.00	35.00 1.93 0.00	35.25 2.04 0.00	42.48 2.52 -0.64	36.04 2.32 -0.15	39.66 2.59 -0.05	50.08 3.12 -5.31	50.88 3.64 0.00	45.37 3.28 0.00	41.44 3.09 0.00	38.67 2.77 0.00	40.53 2.55 0.00	40.95 2.39 0.00	35.44 2.06 -0.07	32.71 1.79 -0.10	31.24 1.74 0.00
NEG CAPITAL___MECHNVIL 23645	18.16 0.83 4.72	22.67 0.79 0.00	21.06 0.79 0.00	20.87 0.77 0.00	23.36 0.87 0.00	29.73 1.13 0.27	32.63 1.47 0.48	33.71 1.77 -1.07	50.56 1.91 -16.26	52.36 2.07 -17.23	35.16 1.95 0.00	40.25 2.26 1.33	35.14 1.89 0.32	39.09 2.16 0.09	51.11 2.58 -6.88	50.01 2.78 0.00	44.71 2.61 0.00	40.84 2.49 0.00	38.16 2.25 0.00	40.32 2.33 0.00	40.79 2.23 0.00	34.80 1.63 0.14	32.04 1.42 0.20	30.96 1.46 0.00
NEG CENTRAL_HIGH_ACRES 23767	22.96 0.91 0.00	22.73 0.86 0.00	20.90 0.63 0.00	20.74 0.64 0.00	23.32 0.82 0.00	30.12 1.25 0.00	32.93 1.28 0.00	31.82 0.95 0.00	33.10 0.70 0.00	33.50 0.44 0.00	33.80 0.59 0.00	40.00 0.68 0.00	34.09 0.52 0.00	37.56 0.53 0.00	42.29 0.29 -0.36	47.71 0.48 0.00	42.58 0.49 0.00	39.39 1.04 0.00	36.87 0.96 0.00	38.64 0.65 0.00	39.09 0.53 0.00	33.76 0.45 0.00	31.24 0.42 0.00	29.67 0.16 0.00
NEG CENTRAL___DRP 24199	22.75 0.70 0.00	22.53 0.66 0.00	20.76 0.49 0.00	20.61 0.50 0.00	23.12 0.63 0.00	29.80 0.93 0.00	32.72 1.07 0.00	32.06 0.97 -0.21	34.49 0.73 -1.36	34.97 0.49 -1.41	35.24 0.64 -1.39	41.97 0.68 -1.98	35.61 0.60 -1.45	39.40 0.60 -1.78	44.74 0.46 -2.63	50.66 0.65 -2.78	44.93 0.56 -2.27	41.15 0.90 -1.90	38.38 0.79 -1.68	40.47 0.61 -1.87	41.07 0.58 -1.93	35.18 0.48 -1.39	32.36 0.49 -1.04	30.34 0.29 -0.55
NEG CENTRAL___INDECK 23768	23.78 1.73 0.00	23.54 1.66 0.00	21.58 1.31 0.00	21.42 1.32 0.00	24.11 1.62 0.00	31.19 2.32 0.00	34.24 2.59 0.00	33.12 2.24 0.00	34.11 1.72 0.00	33.98 0.92 0.00	34.38 1.17 0.00	40.60 1.29 0.00	34.68 1.11 0.00	37.95 0.92 0.00	41.98 -0.16 -0.49	46.96 -0.28 0.00	41.89 -0.21 0.00	38.64 0.29 0.00	36.57 0.67 0.00	38.70 0.71 0.00	39.45 0.90 0.00	34.83 1.52 0.00	32.66 1.83 0.00	30.90 1.40 0.00
NEG CENTRAL___SENECA 23627	22.99 0.94 0.00	22.76 0.88 0.00	20.94 0.67 0.00	20.79 0.69 0.00	23.35 0.86 0.00	30.10 1.23 0.00	33.04 1.39 0.00	32.32 1.36 -0.09	34.04 1.08 -0.56	34.41 0.76 -0.58	34.74 0.95 -0.58	41.18 1.04 -0.82	35.06 0.89 -0.60	38.69 0.92 -0.74	43.75 0.74 -1.35	49.41 1.02 -1.16	43.90 0.86 -0.95	40.41 1.27 -0.79	37.74 1.13 -0.70	39.69 0.92 -0.78	40.28 0.92 -0.80	34.70 0.81 -0.58	32.09 0.83 -0.44	30.27 0.54 -0.23
NEG CENTRAL___STATE_STREET 24147	22.66 0.61 0.00	22.50 0.62 0.00	20.75 0.48 0.00	20.60 0.49 0.00	23.02 0.53 0.00	29.72 0.85 0.00	32.65 1.00 0.00	32.05 0.85 -0.33	35.13 0.67 -2.06	35.77 0.56 -2.14	35.93 0.60 -2.11	42.93 0.62 -2.99	36.36 0.60 -2.19	40.33 0.61 -2.69	46.06 0.63 -3.78	52.24 0.80 -4.21	46.23 0.70 -3.44	42.16 0.93 -2.89	39.28 0.82 -2.54	41.51 0.68 -2.83	42.09 0.61 -2.93	35.87 0.45 -2.11	32.81 0.40 -1.58	30.62 0.28 -0.83
NEG MILLWOOD___DRP 24198	25.92 0.94 -2.93	22.82 0.94 0.00	21.19 0.92 0.00	20.98 0.87 0.00	23.49 1.00 0.00	30.30 1.26 -0.17	33.57 1.63 -0.29	32.69 1.76 -0.06	34.22 1.83 0.00	35.14 2.07 0.00	35.41 2.20 0.00	42.75 2.70 -0.74	36.22 2.48 -0.17	39.85 2.77 -0.05	50.36 3.31 -5.40	51.10 3.87 0.00	45.55 3.45 0.00	41.62 3.27 0.00	38.84 2.93 0.00	40.67 2.68 0.00	41.08 2.52 0.00	35.59 2.20 -0.08	32.85 1.91 -0.11	31.36 1.85 0.00

NEG NORTH_FLCN_SEA 23793	22.72 0.67 0.00	22.56 0.69 0.00	20.86 0.59 0.00	20.66 0.56 0.00	22.97 0.48 0.00	29.44 0.57 0.00	32.39 0.75 0.00	32.15 1.28 0.00	33.87 1.47 0.00	34.24 1.18 0.00	34.22 1.01 0.00	40.14 0.82 0.00	34.19 0.63 0.00	37.68 0.66 0.00	42.47 0.82 0.00	48.06 0.83 0.00	42.92 0.82 0.00	38.84 0.49 0.00	36.44 0.54 0.00	39.14 1.16 0.00	39.95 1.39 0.00	34.35 1.05 0.00	31.86 1.03 0.00	30.55 1.04 0.00
NEG NORTH_KES_CHATEGAY 23792	22.49 0.44 0.00	22.33 0.46 0.00	20.63 0.37 0.00	20.46 0.36 0.00	22.79 0.30 0.00	29.24 0.36 0.00	32.10 0.46 0.00	31.68 0.81 0.00	33.40 1.00 0.00	33.88 0.82 0.00	33.90 0.69 0.00	39.90 0.59 0.00	33.98 0.42 0.00	37.44 0.41 0.00	42.15 0.50 0.00	47.76 0.52 0.00	42.61 0.52 0.00	38.50 0.15 0.00	36.20 0.29 0.00	38.80 0.81 0.00	39.53 0.97 0.00	34.03 0.72 0.00	31.55 0.72 0.00	30.20 0.70 0.00
NEG NORTH___ALICE_FALLS 23915	22.74 0.69 0.00	22.57 0.70 0.00	20.86 0.59 0.00	20.67 0.57 0.00	23.00 0.51 0.00	29.52 0.64 0.00	32.48 0.83 0.00	32.20 1.33 0.00	33.91 1.52 0.00	34.35 1.28 0.00	34.33 1.12 0.00	40.32 1.01 0.00	34.34 0.77 0.00	37.84 0.81 0.00	42.64 0.99 0.00	48.26 1.03 0.00	43.10 1.01 0.00	39.01 0.66 0.00	36.62 0.71 0.00	39.26 1.28 0.00	40.04 1.48 0.00	34.42 1.11 0.00	31.90 1.07 0.00	30.56 1.06 0.00
NEG NORTH___LWR_SARANAC 23913	22.74 0.69 0.00	22.57 0.70 0.00	20.86 0.59 0.00	20.67 0.57 0.00	23.00 0.51 0.00	29.52 0.64 0.00	32.48 0.83 0.00	32.20 1.33 0.00	33.91 1.52 0.00	34.35 1.28 0.00	34.33 1.12 0.00	40.32 1.01 0.00	34.34 0.77 0.00	37.84 0.81 0.00	42.64 0.99 0.00	48.26 1.03 0.00	43.10 1.01 0.00	39.01 0.66 0.00	36.62 0.71 0.00	39.26 1.28 0.00	40.04 1.48 0.00	34.42 1.11 0.00	31.90 1.07 0.00	30.56 1.06 0.00
NEG NORTH___PLATTSBURG 23628	22.74 0.69 0.00	22.57 0.70 0.00	20.86 0.59 0.00	20.67 0.57 0.00	23.00 0.51 0.00	29.52 0.64 0.00	32.48 0.83 0.00	32.20 1.33 0.00	33.91 1.52 0.00	34.35 1.28 0.00	34.33 1.12 0.00	40.32 1.01 0.00	34.34 0.77 0.00	37.84 0.81 0.00	42.64 0.99 0.00	48.26 1.03 0.00	43.10 1.01 0.00	39.01 0.66 0.00	36.62 0.71 0.00	39.26 1.28 0.00	40.04 1.48 0.00	34.42 1.11 0.00	31.90 1.07 0.00	30.56 1.06 0.00
NEG WEST_LEA_LOCKPORT 23791	22.98 0.93 0.00	22.69 0.82 0.00	20.70 0.44 0.00	20.58 0.48 0.00	23.23 0.74 0.00	30.07 1.20 0.00	32.65 1.01 0.00	31.24 0.37 0.00	32.27 -0.12 0.00	32.41 -0.65 0.00	32.75 -0.46 0.00	38.87 -0.45 0.00	33.00 -0.57 0.00	36.30 -0.73 0.00	40.62 -1.46 -0.43	45.94 -1.30 0.00	40.98 -1.11 0.00	38.29 -0.05 0.00	35.82 -0.08 0.00	37.38 -0.61 0.00	38.10 -0.46 0.00	33.24 -0.07 0.00	31.14 0.31 0.00	29.53 0.02 0.00
NEG WEST___LANCASTR 23811	22.89 0.84 0.00	22.68 0.81 0.00	20.73 0.46 0.00	20.58 0.48 0.00	23.20 0.71 0.00	30.00 1.13 0.00	32.74 1.10 0.00	31.50 0.62 0.00	32.62 0.23 0.00	32.89 -0.17 0.00	33.20 0.00 0.00	39.34 0.02 0.00	33.43 -0.14 0.00	36.84 -0.18 0.00	41.36 -0.78 -0.48	46.68 -0.55 0.00	41.65 -0.44 0.00	38.79 0.44 0.00	36.15 0.25 0.00	37.72 -0.26 0.00	38.44 -0.11 0.00	33.45 0.14 0.00	31.27 0.44 0.00	29.65 0.15 0.00
NEG_PENN_ALLEGHNY 23528	22.53 0.48 0.00	22.35 0.48 0.00	20.64 0.38 0.00	20.47 0.37 0.00	22.95 0.46 0.00	29.52 0.65 0.00	32.47 0.82 0.00	31.74 0.73 -0.13	33.83 0.59 -0.84	34.42 0.49 -0.87	34.60 0.53 -0.86	41.24 0.69 -1.24	35.04 0.56 -0.91	38.74 0.60 -1.11	44.44 0.52 -2.27	49.68 0.70 -1.74	44.12 0.61 -1.42	40.49 0.94 -1.20	37.70 0.74 -1.06	39.67 0.51 -1.17	40.34 0.57 -1.21	34.66 0.48 -0.87	31.95 0.46 -0.66	30.17 0.32 -0.34
NEG___GEN_MONROE 24207	23.31 1.26 0.00	23.05 1.17 0.00	21.09 0.83 0.00	20.94 0.83 0.00	23.57 1.08 0.00	30.50 1.63 0.00	33.31 1.66 0.00	31.98 1.18 0.07	32.81 0.84 0.42	33.11 0.49 0.44	33.36 0.59 0.43	39.46 0.75 0.60	33.62 0.49 0.44	37.02 0.53 0.54	41.49 0.16 0.32	46.76 0.37 0.85	41.78 0.38 0.69	38.89 1.13 0.58	36.54 1.15 0.51	38.24 0.82 0.57	38.82 0.85 0.59	33.72 0.84 0.43	31.45 0.95 0.32	29.97 0.64 0.17
NEPA___ENERGY 23901	22.83 0.78 0.00	22.65 0.78 0.00	20.68 0.42 0.00	20.53 0.43 0.00	23.12 0.63 0.00	29.87 1.00 0.00	32.81 1.16 0.00	31.73 0.86 0.00	32.80 0.41 0.00	33.06 0.00 0.00	33.31 0.10 0.00	39.58 0.27 0.00	33.65 0.08 0.00	37.15 0.12 0.00	41.74 -0.40 -0.49	47.12 -0.12 0.00	41.89 -0.20 0.00	39.11 0.76 0.00	36.35 0.44 0.00	37.84 -0.15 0.00	38.65 0.09 0.00	33.58 0.26 0.00	31.31 0.49 0.00	29.69 0.18 0.00
NEVERSINK___HYD 23608	24.28 0.59 -1.64	22.46 0.58 0.00	20.85 0.59 0.00	20.64 0.54 0.00	23.12 0.63 0.00	29.76 0.79 -0.09	32.93 1.12 -0.16	32.19 1.29 -0.03	33.71 1.31 0.00	34.53 1.47 0.00	34.77 1.56 0.00	41.52 1.79 -0.41	35.42 1.75 -0.10	38.86 1.80 -0.03	48.22 2.24 -4.33	50.13 2.89 0.00	44.67 2.58 0.00	40.85 2.50 0.00	38.14 2.24 0.00	40.03 2.04 0.00	40.46 1.90 0.00	35.01 1.66 -0.04	32.29 1.40 -0.06	30.84 1.33 0.00
NEWKRMKL_115KV_TB1 55635	18.36 0.15 3.83	22.02 0.14 0.00	20.46 0.20 0.00	20.28 0.18 0.00	22.69 0.20 0.00	28.88 0.23 0.22	31.67 0.41 0.39	30.49 0.61 1.00	20.41 0.68 12.66	20.48 0.84 13.42	34.03 0.82 0.00	39.21 0.99 1.10	34.19 0.88 0.26	38.03 1.08 0.08	49.89 1.43 -6.80	48.72 1.49 0.00	43.50 1.40 0.00	39.66 1.31 0.00	37.05 1.14 0.00	39.18 1.19 0.00	39.59 1.03 0.00	33.86 0.67 0.11	31.22 0.56 0.17	30.11 0.61 0.00
NEWTON___FALLS_HYD 23847	22.27 0.22 0.00	22.07 0.20 0.00	20.41 0.14 0.00	20.26 0.16 0.00	22.60 0.11 0.00	29.00 0.13 0.00	31.76 0.11 0.00	31.06 0.06 -0.13	33.36 0.16 -0.81	33.87 -0.03 -0.84	33.83 -0.21 -0.83	39.99 -0.49 -1.17	33.81 -0.61 -0.85	37.33 -0.75 -1.05	41.98 -1.00 -1.33	47.68 -1.19 -1.64	42.38 -1.05 -1.34	38.61 -0.86 -1.12	36.51 -0.38 -0.99	39.08 -0.01 -1.10	39.83 0.13 -1.14	34.32 0.18 -0.82	31.67 0.23 -0.62	30.12 0.29 -0.32
NGRID_A1_DSASP 323792	22.62 0.58 0.00	22.36 0.49 0.00	20.40 0.13 0.00	20.29 0.19 0.00	22.91 0.41 0.00	29.63 0.76 0.00	32.11 0.46 0.00	30.63 -0.25 0.00	31.48 -0.92 0.00	31.56 -1.50 0.00	31.90 -1.31 0.00	37.81 -1.50 0.00	32.10 -1.46 0.01	35.35 -1.68 0.00	39.53 -2.54 -0.41	44.68 -2.54 0.02	39.90 -2.19 0.01	37.30 -1.05 0.00	34.85 -1.06 0.00	36.36 -1.63 0.00	37.11 -1.45 0.00	32.42 -0.89 0.00	30.43 -0.40 0.00	28.99 -0.51 0.00
NGRID_A2_DSASP 323793	22.62 0.58 0.00	22.36 0.49 0.00	20.40 0.13 0.00	20.29 0.19 0.00	22.91 0.41 0.00	29.63 0.76 0.00	32.11 0.46 0.00	30.63 -0.25 0.00	31.48 -0.92 0.00	31.56 -1.50 0.00	31.90 -1.31 0.00	37.81 -1.50 0.00	32.10 -1.46 0.01	35.35 -1.68 0.00	39.53 -2.54 -0.41	44.68 -2.54 0.02	39.90 -2.19 0.01	37.30 -1.05 0.00	34.85 -1.06 0.00	36.36 -1.63 0.00	37.11 -1.45 0.00	32.42 -0.89 0.00	30.43 -0.40 0.00	28.99 -0.51 0.00

NGRID_A4_DSASP 323807	22.64 0.59 0.00	22.36 0.49 0.00	20.40 0.13 0.00	20.29 0.19 0.00	22.91 0.41 0.00	29.64 0.76 0.00	32.11 0.46 0.00	30.63 -0.24 0.00	31.47 -0.92 0.00	31.57 -1.49 0.00	31.90 -1.31 0.00	37.81 -1.50 0.00	32.09 -1.47 0.01	35.34 -1.68 0.00	39.52 -2.54 -0.41	44.67 -2.55 0.02	39.89 -2.20 0.01	37.27 -1.08 0.00	34.84 -1.06 0.00	36.35 -1.63 0.00	37.08 -1.48 0.00	32.42 -0.89 0.00	30.43 -0.40 0.00	28.99 -0.52 0.00
NIAGARA_115E_LBMP 323715	22.68 0.63 0.00	22.40 0.53 0.00	20.43 0.16 0.00	20.32 0.22 0.00	22.94 0.45 0.00	29.69 0.82 0.00	32.19 0.54 0.00	30.74 -0.13 0.00	31.75 -0.64 0.00	31.86 -1.20 0.00	32.19 -1.02 0.00	38.17 -1.14 0.00	32.40 -1.16 0.00	35.67 -1.36 0.00	39.91 -2.18 -0.43	45.11 -2.12 0.00	40.27 -1.83 0.00	37.64 -0.70 0.00	35.19 -0.71 0.00	36.73 -1.26 0.00	37.47 -1.09 0.00	32.71 -0.60 0.00	30.68 -0.15 0.00	29.11 -0.40 0.00
NIAGARA_115W_LBMP 323714	22.58 0.53 0.00	22.32 0.44 0.00	20.35 0.09 0.00	20.25 0.15 0.00	22.86 0.37 0.00	29.57 0.70 0.00	32.04 0.40 0.00	30.56 -0.31 0.00	31.40 -0.99 0.00	31.49 -1.57 0.00	31.82 -1.39 0.00	37.70 -1.61 0.00	32.01 -1.55 0.00	35.25 -1.77 0.00	39.42 -2.65 -0.42	44.54 -2.68 0.01	39.78 -2.30 0.00	37.19 -1.16 0.00	34.76 -1.14 0.00	36.27 -1.72 0.00	37.01 -1.55 0.00	32.34 -0.97 0.00	30.34 -0.48 0.00	28.93 -0.58 0.00
NIAGARA_230_LBMP 323716	22.72 0.67 0.00	22.47 0.60 0.00	20.51 0.24 0.00	20.40 0.29 0.00	23.01 0.52 0.00	29.77 0.90 0.00	32.27 0.62 0.00	30.85 -0.02 0.00	31.85 -0.55 0.00	32.00 -1.06 0.00	32.33 -0.88 0.00	38.31 -1.00 0.00	32.53 -1.03 0.00	35.80 -1.23 0.00	40.07 -2.01 -0.43	45.28 -1.95 0.00	40.42 -1.68 0.00	37.75 -0.60 0.00	35.26 -0.64 0.00	36.80 -1.18 0.00	37.54 -1.02 0.00	32.75 -0.56 0.00	30.71 -0.11 0.00	29.17 -0.33 0.00
NIAGARA__115KV_198_GIBSON 55903	22.60 0.55 0.00	22.32 0.44 0.00	20.35 0.09 0.00	20.25 0.15 0.00	22.86 0.37 0.00	29.58 0.70 0.00	32.04 0.39 0.00	30.56 -0.31 0.00	31.39 -1.01 0.00	31.49 -1.57 0.00	31.82 -1.39 0.00	37.70 -1.61 0.00	32.00 -1.57 0.00	35.24 -1.79 0.00	39.42 -2.65 -0.42	44.53 -2.69 0.01	39.78 -2.31 0.00	37.17 -1.18 0.00	34.74 -1.16 0.00	36.25 -1.73 0.00	36.98 -1.58 0.00	32.33 -0.98 0.00	30.35 -0.48 0.00	28.93 -0.58 0.00
NIAGARA____ 23760	22.72 0.67 0.00	22.47 0.60 0.00	20.51 0.24 0.00	20.40 0.29 0.00	23.01 0.52 0.00	29.77 0.90 0.00	32.27 0.62 0.00	30.85 -0.02 0.00	31.85 -0.55 0.00	32.00 -1.06 0.00	32.33 -0.88 0.00	38.31 -1.00 0.00	32.53 -1.03 0.00	35.80 -1.23 0.00	40.07 -2.01 -0.42	45.28 -1.95 0.00	40.42 -1.68 0.00	37.75 -0.60 0.00	35.26 -0.64 0.00	36.80 -1.18 0.00	37.54 -1.02 0.00	32.75 -0.56 0.00	30.71 -0.11 0.00	29.17 -0.33 0.00
NINE_MILE_1 23575	21.73 -0.32 0.00	21.56 -0.31 0.00	19.94 -0.33 0.00	19.78 -0.32 0.00	22.15 -0.34 0.00	28.46 -0.41 0.00	31.11 -0.54 0.00	27.89 -0.69 2.29	17.07 -0.83 14.49	17.08 -0.93 15.05	17.45 -0.91 14.84	17.26 -1.10 20.95	17.29 -0.94 15.34	17.15 -1.06 18.81	16.80 -1.28 23.57	16.37 -1.41 29.46	16.82 -1.23 24.05	17.24 -0.93 20.17	17.21 -0.89 17.80	17.10 -1.06 19.82	17.00 -1.10 20.47	17.63 -0.96 14.72	18.87 -0.88 11.07	22.86 -0.86 5.78
NINE_MILE_2 23744	21.73 -0.32 0.00	21.56 -0.31 0.00	19.94 -0.33 0.00	19.78 -0.32 0.00	22.15 -0.34 0.00	28.46 -0.41 0.00	31.11 -0.54 0.00	27.86 -0.69 2.33	16.86 -0.83 14.70	16.87 -0.93 15.27	17.23 -0.91 15.06	16.95 -1.10 21.26	17.06 -0.94 15.56	16.87 -1.06 19.09	16.46 -1.28 23.92	15.94 -1.41 29.89	16.46 -1.23 24.40	16.94 -0.93 20.47	16.95 -0.89 18.06	16.81 -1.06 20.12	16.69 -1.10 20.77	17.41 -0.96 14.94	18.71 -0.88 11.24	22.77 -0.86 5.87
NM_CAPITAL____DRP 24208	18.03 0.16 4.18	22.03 0.15 0.00	20.48 0.22 0.00	20.30 0.20 0.00	22.71 0.22 0.00	28.89 0.25 0.24	31.63 0.41 0.43	30.25 0.61 1.23	17.25 0.68 15.83	17.14 0.85 16.77	34.04 0.83 0.00	39.12 1.00 1.19	34.16 0.87 0.28	38.03 1.08 0.08	49.90 1.47 -6.79	48.74 1.50 0.00	43.50 1.40 0.00	39.66 1.31 0.00	37.05 1.14 0.00	39.19 1.20 0.00	39.62 1.06 0.00	33.85 0.67 0.12	31.22 0.57 0.18	30.15 0.64 0.00
NM_CENTRAL____DRP 24181	22.22 0.17 0.00	22.02 0.15 0.00	20.36 0.10 0.00	20.19 0.09 0.00	22.64 0.14 0.00	29.10 0.23 0.00	31.88 0.23 0.00	31.11 0.06 -0.18	33.44 -0.08 -1.12	34.02 -0.21 -1.17	34.14 -0.22 -1.15	40.70 -0.25 -1.63	34.55 -0.22 -1.20	38.24 -0.26 -1.47	43.39 -0.39 -2.13	49.14 -0.38 -2.30	43.69 -0.28 -1.88	39.91 -0.01 -1.57	37.22 -0.07 -1.39	39.29 -0.24 -1.54	39.88 -0.28 -1.60	34.18 -0.28 -1.15	31.43 -0.26 -0.86	29.67 -0.29 -0.45
NM_FRONTIER____DRP 24179	22.60 0.55 0.00	22.32 0.44 0.00	20.35 0.09 0.00	20.25 0.15 0.00	22.86 0.37 0.00	29.58 0.70 0.00	32.04 0.39 0.00	30.56 -0.31 0.00	31.39 -1.01 0.00	31.49 -1.57 0.00	31.82 -1.39 0.00	37.70 -1.61 0.00	32.00 -1.57 0.00	35.24 -1.79 0.00	39.42 -2.65 -0.42	44.53 -2.69 0.01	39.78 -2.31 0.00	37.17 -1.18 0.00	34.74 -1.16 0.00	36.25 -1.73 0.00	36.98 -1.58 0.00	32.33 -0.98 0.00	30.35 -0.48 0.00	28.93 -0.58 0.00
NM_ST_REGIS____HYD 24053	22.20 0.15 0.00	22.01 0.13 0.00	20.34 0.08 0.00	20.19 0.09 0.00	22.47 -0.02 0.00	28.74 -0.13 0.00	31.34 -0.31 0.00	30.63 -0.24 0.00	32.33 -0.06 0.00	32.78 -0.27 0.00	32.73 -0.48 0.00	38.58 -0.73 0.00	32.82 -0.74 0.00	36.16 -0.87 0.00	40.67 -0.98 0.00	46.12 -1.11 0.00	41.10 -1.00 0.00	37.20 -1.15 0.00	35.10 -0.81 0.00	37.58 -0.41 0.00	38.28 -0.29 0.00	33.13 -0.18 0.00	30.77 -0.05 0.00	29.64 0.13 0.00
NORTHPORT____1 23551	26.49 1.02 -3.42	22.92 1.04 0.00	21.36 1.09 0.00	21.15 1.05 0.00	23.73 1.24 0.00	30.63 1.56 -0.20	33.74 1.75 -0.34	32.85 1.91 -0.07	34.24 1.84 0.00	35.15 2.09 0.00	35.49 2.26 -0.02	42.72 2.53 -0.87	36.29 2.52 -0.21	34.14 2.58 5.47	50.99 3.02 -6.32	50.95 3.71 0.00	45.30 3.19 -0.02	41.57 3.21 0.00	38.72 2.81 -0.01	40.35 2.36 0.00	40.82 2.26 0.00	35.60 2.19 -0.09	32.80 1.84 -0.13	31.26 1.75 0.00
NORTHPORT____2 23552	26.49 1.02 -3.42	22.92 1.04 0.00	21.36 1.09 0.00	21.15 1.05 0.00	23.73 1.24 0.00	30.63 1.56 -0.20	33.74 1.75 -0.34	32.85 1.91 -0.07	34.24 1.84 0.00	35.15 2.09 0.00	35.49 2.26 -0.02	42.72 2.53 -0.87	36.29 2.52 -0.21	34.14 2.58 5.47	50.99 3.02 -6.32	50.95 3.71 0.00	45.30 3.19 -0.02	41.57 3.21 0.00	38.72 2.81 -0.01	40.35 2.36 0.00	40.82 2.26 0.00	35.60 2.19 -0.09	32.80 1.84 -0.13	31.26 1.75 0.00
NORTHPORT____3 23553	26.48 1.01 -3.42	22.88 1.01 0.00	21.31 1.05 0.00	21.10 1.00 0.00	23.67 1.18 0.00	30.55 1.48 -0.20	33.63 1.64 -0.34	32.77 1.83 -0.07	34.16 1.76 0.00	35.03 1.97 0.00	35.44 2.29 0.06	42.55 2.36 -0.87	36.17 2.39 -0.21	32.87 2.76 6.91	46.66 3.12 -1.89	50.88 3.64 0.00	45.17 3.13 0.06	41.58 3.24 0.01	38.67 2.79 0.03	40.25 2.26 0.00	40.67 2.11 0.00	35.43 2.03 -0.09	32.72 1.76 -0.13	31.21 1.71 0.00

NORTHPORT___4 23650	26.48 1.01 -3.42	22.88 1.01 0.00	21.31 1.05 0.00	21.10 1.00 0.00	23.67 1.18 0.00	30.55 1.48 -0.20	33.63 1.64 -0.34	32.77 1.83 -0.07	34.16 1.76 0.00	35.03 1.97 0.00	35.44 2.29 0.06	42.55 2.36 -0.87	36.17 2.39 -0.21	32.87 2.76 6.91	46.66 3.12 -1.89	50.88 3.64 0.00	45.17 3.13 0.06	41.58 3.24 0.01	38.67 2.79 0.03	40.25 2.26 0.00	40.67 2.11 0.00	35.43 2.03 -0.09	32.72 1.76 -0.13	31.21 1.71 0.00
NORTHPORT___IC 23718	26.49 1.02 -3.42	22.92 1.04 0.00	21.36 1.09 0.00	21.15 1.05 0.00	23.73 1.24 0.00	30.63 1.56 -0.20	33.74 1.75 -0.34	32.85 1.91 -0.07	34.24 1.84 0.00	35.15 2.09 0.00	35.49 2.26 -0.02	42.72 2.53 -0.87	36.29 2.52 -0.21	34.14 2.58 5.47	50.99 3.02 -6.32	50.95 3.71 0.00	45.30 3.19 -0.02	41.57 3.21 0.00	38.72 2.81 -0.01	40.35 2.36 0.00	40.82 2.26 0.00	35.60 2.19 -0.09	32.80 1.84 -0.13	31.26 1.75 0.00
NORTH___COUNTRY_ESR 323785	22.42 0.37 0.00	22.26 0.38 0.00	20.57 0.30 0.00	20.40 0.30 0.00	22.72 0.23 0.00	29.15 0.27 0.00	32.00 0.35 0.00	31.56 0.69 0.00	33.27 0.88 0.00	33.77 0.70 0.00	33.78 0.56 0.00	39.76 0.44 0.00	33.88 0.31 0.00	37.33 0.30 0.00	42.03 0.38 0.00	47.63 0.39 0.00	42.49 0.39 0.00	38.41 0.06 0.00	36.06 0.16 0.00	38.61 0.62 0.00	39.33 0.77 0.00	33.86 0.55 0.00	31.40 0.57 0.00	30.08 0.58 0.00
NPX_GEN_1385_PROXY 323591	25.96 0.48 -3.42	22.42 0.55 0.00	21.13 0.86 0.00	20.92 0.82 0.00	23.60 1.10 0.00	30.46 1.39 -0.20	33.54 1.55 -0.34	32.49 1.56 -0.07	33.80 1.41 0.00	34.80 1.73 0.00	35.42 2.20 -0.02	42.41 2.23 -0.87	35.31 2.27 0.52	33.34 1.78 5.47	50.05 2.08 -6.32	50.34 3.11 0.00	44.94 2.83 -0.02	41.34 2.98 0.00	38.44 2.53 -0.01	39.84 1.85 0.00	40.48 1.92 0.00	35.52 2.11 -0.09	32.49 1.53 -0.13	30.72 1.22 0.00
NPX_GEN_CSC 323557	27.11 1.63 -3.42	23.47 1.60 0.00	21.87 1.60 0.00	21.65 1.55 0.00	24.27 1.78 0.00	31.38 2.32 -0.20	34.70 2.71 -0.34	33.84 2.90 -0.07	35.31 2.91 0.00	36.33 3.27 0.00	37.46 3.60 -0.65	44.24 4.05 -0.88	36.84 3.78 0.51	211.28 4.18 -170.08	90.11 4.78 -43.67	52.91 5.65 -0.02	47.57 4.86 -0.62	43.18 4.77 -0.07	40.42 4.26 -0.25	41.84 3.85 0.00	42.32 3.76 0.00	36.76 3.36 -0.09	33.76 2.79 -0.13	32.11 2.61 0.00
NSINS_S_GLNS_FALLS 23858	18.56 0.75 4.24	22.57 0.69 0.00	20.94 0.67 0.00	20.77 0.67 0.00	23.27 0.78 0.00	29.72 1.09 0.24	32.86 1.64 0.44	33.55 2.02 -0.65	44.94 2.20 -10.34	46.41 2.39 -10.96	35.47 2.26 0.00	40.65 2.54 1.20	35.32 2.03 0.28	39.22 2.28 0.08	51.12 2.56 -6.90	49.91 2.67 0.00	44.61 2.51 0.00	40.76 2.41 0.00	38.06 2.15 0.00	40.18 2.19 0.00	40.70 2.14 0.00	34.76 1.58 0.13	31.94 1.30 0.18	30.98 1.47 0.00
NUCOR_STEEL___DRP 24197	22.63 0.58 0.00	22.47 0.60 0.00	20.73 0.46 0.00	20.57 0.47 0.00	22.98 0.49 0.00	29.69 0.82 0.00	32.60 0.95 0.00	32.02 0.79 -0.35	35.27 0.62 -2.25	35.93 0.53 -2.34	36.07 0.55 -2.31	43.13 0.55 -3.27	36.49 0.53 -2.39	40.52 0.56 -2.93	46.31 0.58 -4.08	52.58 0.75 -4.59	46.50 0.66 -3.75	42.38 0.89 -3.15	39.46 0.78 -2.78	41.72 0.64 -3.09	42.30 0.55 -3.19	36.01 0.40 -2.30	32.90 0.35 -1.73	30.66 0.25 -0.90
NUMBER_THREE_WT_PWR 323818	22.61 0.56 0.00	22.39 0.52 0.00	20.70 0.44 0.00	20.54 0.44 0.00	22.98 0.49 0.00	29.59 0.72 0.00	32.59 0.94 0.00	31.91 0.89 -0.15	34.31 0.96 -0.96	34.93 0.87 -0.99	34.96 0.77 -0.98	41.30 0.60 -1.39	34.86 0.27 -1.02	38.50 0.23 -1.25	43.35 0.00 -1.69	49.03 -0.16 -1.95	43.61 -0.08 -1.60	39.97 0.28 -1.34	37.83 0.74 -1.18	40.36 1.06 -1.31	41.10 1.18 -1.36	35.37 1.08 -0.98	32.55 0.98 -0.74	30.75 0.86 -0.38
NYISO_LBMP_REFERENCE 24008	22.05 0.00 0.00	21.88 0.00 0.00	20.26 0.00 0.00	20.10 0.00 0.00	22.49 0.00 0.00	28.87 0.00 0.00	31.65 0.00 0.00	30.87 0.00 0.00	32.40 0.00 0.00	33.06 0.00 0.00	33.21 0.00 0.00	39.31 0.00 0.00	33.57 0.00 0.00	37.03 0.00 0.00	41.65 0.00 0.00	47.23 0.00 0.00	42.10 0.00 0.00	38.35 0.00 0.00	35.91 0.00 0.00	37.99 0.00 0.00	38.56 0.00 0.00	33.31 0.00 0.00	30.83 0.00 0.00	29.50 0.00 0.00
NYPA_BRENTWD___GT 24164	26.86 1.39 -3.42	23.25 1.37 0.00	21.65 1.39 0.00	21.44 1.34 0.00	24.05 1.56 0.00	31.06 1.99 -0.20	34.28 2.29 -0.34	33.41 2.47 -0.07	34.87 2.48 0.00	35.83 2.77 0.00	36.33 2.99 -0.14	43.54 3.35 -0.87	37.02 3.24 -0.21	152.96 3.52 -112.41	58.87 3.91 -13.31	51.73 4.50 0.00	46.01 3.78 -0.13	42.19 3.82 -0.01	39.35 3.39 -0.05	40.93 2.95 0.00	41.53 2.98 0.00	36.35 2.95 -0.09	33.44 2.48 -0.13	31.84 2.33 0.00
NYPA_GOWANUS___GT5 24156	26.45 0.98 -3.42	22.84 0.97 0.00	21.23 0.97 0.00	21.01 0.91 0.00	23.53 1.04 0.00	30.35 1.28 -0.20	33.66 1.67 -0.34	32.63 1.69 -0.07	34.09 1.69 0.00	35.06 2.00 0.00	35.37 2.16 0.00	42.81 2.62 -0.87	36.31 2.47 -0.27	39.75 2.66 -0.06	50.33 3.02 -5.66	97.04 3.52 -46.28	401.29 3.16 -356.04	42.88 2.96 -1.58	38.65 2.74 0.00	40.29 2.30 0.00	40.75 2.19 -0.01	35.60 2.18 -0.10	32.94 1.98 -0.14	31.45 1.95 0.00
NYPA_GOWANUS___GT6 24157	26.45 0.98 -3.42	22.84 0.97 0.00	21.23 0.97 0.00	21.01 0.91 0.00	23.53 1.04 0.00	30.35 1.28 -0.20	33.66 1.67 -0.34	32.63 1.69 -0.07	34.09 1.69 0.00	35.06 2.00 0.00	35.37 2.16 0.00	42.81 2.62 -0.87	36.31 2.47 -0.27	39.75 2.66 -0.06	50.33 3.02 -5.66	97.04 3.52 -46.28	401.29 3.16 -356.04	42.88 2.96 -1.58	38.65 2.74 0.00	40.29 2.30 0.00	40.75 2.19 -0.01	35.60 2.18 -0.10	32.94 1.98 -0.14	31.45 1.95 0.00
NYPA_HARLEM__RVR__GT1 24160	26.30 0.82 -3.42	22.69 0.81 0.00	21.11 0.84 0.00	20.89 0.79 0.00	23.39 0.90 0.00	30.16 1.09 -0.20	33.44 1.45 -0.34	32.46 1.52 -0.07	33.94 1.54 0.00	34.87 1.80 0.00	35.13 1.92 0.00	42.51 2.32 -0.87	35.99 2.21 -0.21	39.43 2.34 -0.06	49.74 2.79 -5.30	50.50 3.27 0.00	45.04 2.95 0.00	41.10 2.75 0.00	38.40 2.49 0.00	40.06 2.07 0.00	40.53 1.97 0.00	35.32 1.92 -0.09	32.66 1.70 -0.13	31.22 1.72 0.00
NYPA_HARLEM__RVR__GT2 24161	26.30 0.82 -3.42	22.69 0.81 0.00	21.11 0.84 0.00	20.89 0.79 0.00	23.39 0.90 0.00	30.16 1.09 -0.20	33.44 1.45 -0.34	32.46 1.52 -0.07	33.94 1.54 0.00	34.87 1.80 0.00	35.13 1.92 0.00	42.51 2.32 -0.87	35.99 2.21 -0.21	39.43 2.34 -0.06	49.74 2.79 -5.30	50.50 3.27 0.00	45.04 2.95 0.00	41.10 2.75 0.00	38.40 2.49 0.00	40.06 2.07 0.00	40.53 1.97 0.00	35.32 1.92 -0.09	32.66 1.70 -0.13	31.22 1.72 0.00
NYPA_KENT___GT 24152	26.42 0.95 -3.42	22.82 0.94 0.00	21.21 0.95 0.00	20.99 0.89 0.00	23.51 1.02 0.00	30.32 1.25 -0.20	33.62 1.62 -0.34	32.62 1.68 -0.07	34.07 1.68 0.00	35.03 1.97 0.00	35.32 2.11 0.00	42.73 2.54 -0.87	36.22 2.41 -0.24	39.65 2.57 -0.06	50.08 2.93 -5.50	77.29 3.41 -26.64	250.08 3.06 -204.93	42.13 2.88 -0.91	38.56 2.65 0.00	40.21 2.22 0.00	40.67 2.10 0.00	35.53 2.12 -0.10	32.87 1.91 -0.13	31.40 1.89 0.00

NYPA_POUCH1____GT 24155	26.38 0.91 -3.42	22.77 0.89 0.00	21.17 0.91 0.00	20.95 0.85 0.00	23.45 0.96 0.00	30.25 1.18 -0.20	33.56 1.57 -0.34	31.82 1.56 0.61	33.60 1.57 0.36	33.84 1.87 1.09	34.69 2.03 0.55	42.35 2.46 -0.57	36.19 2.35 -0.27	39.63 2.55 -0.06	50.22 2.91 -5.66	96.91 3.39 -46.28	401.16 3.04 -356.04	42.79 2.87 -1.58	38.55 2.65 0.00	40.18 2.19 0.00	40.67 2.09 -0.01	35.50 2.09 -0.10	32.86 1.89 -0.14	31.37 1.86 0.00
NYPA_VERNON____GT2 24162	26.39 0.92 -3.42	22.79 0.91 0.00	21.18 0.92 0.00	20.96 0.86 0.00	23.48 0.99 0.00	30.28 1.21 -0.20	33.56 1.57 -0.34	32.61 1.68 -0.07	34.06 1.67 0.00	35.00 1.94 0.00	35.27 2.06 0.00	42.67 2.48 -0.87	36.13 2.34 -0.22	39.58 2.49 -0.06	49.87 2.87 -5.35	57.59 3.35 -6.99	98.90 2.99 -53.82	41.41 2.82 -0.24	38.51 2.60 0.00	40.16 2.17 0.00	40.62 2.06 0.00	35.47 2.07 -0.09	32.81 1.85 -0.13	31.34 1.83 0.00
NYPA_VERNON____GT3 24163	26.39 0.92 -3.42	22.79 0.91 0.00	21.18 0.92 0.00	20.96 0.86 0.00	23.48 0.99 0.00	30.28 1.21 -0.20	33.56 1.57 -0.34	32.61 1.68 -0.07	34.06 1.67 0.00	35.00 1.94 0.00	35.27 2.06 0.00	42.67 2.48 -0.87	36.13 2.34 -0.22	39.58 2.49 -0.06	49.87 2.87 -5.35	57.59 3.35 -6.99	98.90 2.99 -53.82	41.41 2.82 -0.24	38.51 2.60 0.00	40.16 2.17 0.00	40.62 2.06 0.00	35.47 2.07 -0.09	32.81 1.85 -0.13	31.34 1.83 0.00
NYPA____ASTORIA_CC1 323568	26.34 0.87 -3.42	22.73 0.86 0.00	21.13 0.87 0.00	20.92 0.82 0.00	23.44 0.94 0.00	30.22 1.15 -0.20	33.50 1.50 -0.34	32.55 1.61 -0.07	34.00 1.60 0.00	34.93 1.87 0.00	35.20 1.99 0.00	42.59 2.40 -0.87	36.05 2.27 -0.21	39.49 2.40 -0.06	49.72 2.77 -5.30	50.46 3.23 0.00	44.97 2.88 0.00	41.07 2.72 0.00	38.42 2.51 0.00	40.07 2.08 0.00	40.54 1.98 0.00	35.40 2.00 -0.09	32.74 1.78 -0.13	31.28 1.78 0.00
NYPA____ASTORIA_CC2 323569	26.34 0.87 -3.42	22.73 0.86 0.00	21.13 0.87 0.00	20.92 0.82 0.00	23.44 0.94 0.00	30.22 1.15 -0.20	33.50 1.50 -0.34	32.55 1.61 -0.07	34.00 1.60 0.00	34.93 1.87 0.00	35.20 1.99 0.00	42.59 2.40 -0.87	36.05 2.27 -0.21	39.49 2.40 -0.06	49.72 2.77 -5.30	50.46 3.23 0.00	44.97 2.88 0.00	41.07 2.72 0.00	38.42 2.51 0.00	40.07 2.08 0.00	40.54 1.98 0.00	35.40 2.00 -0.09	32.74 1.78 -0.13	31.28 1.78 0.00
NYPA____HOLTSVILL 23794	26.74 1.27 -3.42	23.13 1.26 0.00	21.55 1.29 0.00	21.34 1.24 0.00	23.93 1.44 0.00	30.91 1.84 -0.20	34.13 2.13 -0.34	33.26 2.32 -0.07	34.70 2.31 0.00	35.67 2.60 0.00	36.71 2.87 -0.64	43.36 3.17 -0.88	36.86 3.07 -0.22	209.48 3.34 -169.12	88.38 3.78 -42.94	51.72 4.47 -0.02	46.54 3.83 -0.61	42.28 3.86 -0.07	39.58 3.43 -0.25	40.97 2.98 0.00	41.42 2.86 0.00	36.05 2.65 -0.09	33.17 2.21 -0.13	31.61 2.11 0.00
NYPA____HELLGATE_GT1 24158	26.30 0.82 -3.42	22.69 0.81 0.00	21.11 0.84 0.00	20.89 0.79 0.00	23.39 0.90 0.00	30.16 1.09 -0.20	33.44 1.45 -0.34	32.46 1.52 -0.07	33.94 1.54 0.00	34.86 1.80 0.00	35.13 1.92 0.00	42.51 2.32 -0.87	35.99 2.21 -0.21	39.43 2.34 -0.06	49.74 2.79 -5.30	50.50 3.27 0.00	45.04 2.95 0.00	41.10 2.75 0.00	38.40 2.49 0.00	40.06 2.07 0.00	40.53 1.97 0.00	35.32 1.92 -0.09	32.66 1.70 -0.13	31.21 1.70 0.00
NYPA____HELLGATE_GT2 24159	26.30 0.82 -3.42	22.69 0.81 0.00	21.11 0.84 0.00	20.89 0.79 0.00	23.39 0.90 0.00	30.16 1.09 -0.20	33.44 1.45 -0.34	32.46 1.52 -0.07	33.94 1.54 0.00	34.86 1.80 0.00	35.13 1.92 0.00	42.51 2.32 -0.87	35.99 2.21 -0.21	39.43 2.34 -0.06	49.74 2.79 -5.30	50.50 3.27 0.00	45.04 2.95 0.00	41.10 2.75 0.00	38.40 2.49 0.00	40.06 2.07 0.00	40.53 1.97 0.00	35.32 1.92 -0.09	32.66 1.70 -0.13	31.21 1.70 0.00
NYS_BARGE____HYD 23848	22.98 0.93 0.00	22.71 0.83 0.00	20.71 0.45 0.00	20.59 0.49 0.00	23.25 0.76 0.00	30.10 1.23 0.00	32.68 1.04 0.00	31.26 0.39 0.00	32.30 -0.09 0.00	32.43 -0.63 0.00	32.78 -0.44 0.00	38.88 -0.43 0.00	33.02 -0.55 0.00	36.35 -0.68 0.00	40.66 -1.42 -0.43	45.99 -1.25 0.00	41.04 -1.06 0.00	38.37 0.02 0.00	35.88 -0.02 0.00	37.45 -0.53 0.00	38.19 -0.37 0.00	33.29 -0.02 0.00	31.17 0.34 0.00	29.56 0.06 0.00
OAK ORCHARD____HYD 24046	23.08 1.03 0.00	22.85 0.97 0.00	20.95 0.69 0.00	20.81 0.71 0.00	23.41 0.92 0.00	30.25 1.38 0.00	33.01 1.36 0.00	31.75 0.95 0.07	32.60 0.63 0.43	32.94 0.32 0.45	33.23 0.45 0.44	39.26 0.56 0.61	33.50 0.38 0.45	36.86 0.38 0.55	41.35 0.03 0.33	46.60 0.22 0.86	41.68 0.28 0.70	38.71 0.95 0.59	36.29 0.90 0.52	37.97 0.56 0.58	38.53 0.57 0.60	33.48 0.60 0.43	31.20 0.69 0.32	29.76 0.43 0.17
OAKDALE__35_KV_LOAD 356122	22.45 0.41 0.00	22.29 0.42 0.00	20.58 0.32 0.00	20.41 0.31 0.00	22.89 0.39 0.00	29.43 0.55 0.00	32.34 0.69 0.00	31.60 0.60 -0.13	33.65 0.45 -0.81	34.26 0.35 -0.84	34.44 0.40 -0.83	41.05 0.54 -1.20	34.88 0.43 -0.88	38.56 0.45 -1.08	44.23 0.36 -2.22	49.45 0.52 -1.69	43.93 0.46 -1.38	40.29 0.78 -1.16	37.53 0.60 -1.02	39.48 0.36 -1.14	40.16 0.42 -1.17	34.52 0.36 -0.84	31.82 0.36 -0.63	30.07 0.23 -0.33
OCC_CHEM____DRP 24175	22.64 0.59 0.00	22.36 0.49 0.00	20.40 0.13 0.00	20.29 0.19 0.00	22.91 0.41 0.00	29.64 0.76 0.00	32.11 0.46 0.00	30.63 -0.24 0.00	31.47 -0.92 0.00	31.57 -1.49 0.00	31.90 -1.31 0.00	37.81 -1.50 0.00	32.09 -1.47 0.01	35.34 -1.68 0.00	39.52 -2.54 -0.41	44.67 -2.55 0.02	39.89 -2.20 0.01	37.27 -1.08 0.00	34.84 -1.06 0.00	36.35 -1.63 0.00	37.08 -1.48 0.00	32.42 -0.89 0.00	30.43 -0.40 0.00	28.99 -0.52 0.00
OH_GEN_PROXY 24063	22.71 0.66 0.00	22.49 0.61 0.00	20.52 0.26 0.00	20.41 0.31 0.00	23.02 0.53 0.00	29.77 0.90 0.00	32.31 0.66 0.00	30.92 0.04 0.00	31.93 -0.47 0.00	32.10 -0.96 0.00	32.43 -0.79 0.00	38.44 -0.87 0.00	31.92 -0.92 0.73	35.92 -1.11 0.00	40.21 -1.87 -0.43	45.44 -1.79 0.00	40.54 -1.55 0.00	37.85 -0.50 0.00	35.35 -0.55 0.00	36.90 -1.08 0.00	37.63 -0.93 0.00	32.82 -0.49 0.00	30.76 -0.07 0.00	29.20 -0.31 0.00
OLIN_CORP_DRP 24177	22.72 0.67 0.00	22.43 0.55 0.00	20.45 0.19 0.00	20.34 0.24 0.00	22.97 0.47 0.00	29.72 0.85 0.00	32.22 0.57 0.00	30.78 -0.10 0.00	31.78 -0.61 0.00	31.91 -1.15 0.00	32.24 -0.97 0.00	38.23 -1.09 0.00	32.45 -1.12 0.00	35.72 -1.31 0.00	39.96 -2.13 -0.44	45.17 -2.07 0.00	40.32 -1.78 0.00	37.67 -0.68 0.00	35.23 -0.68 0.00	36.76 -1.22 0.00	37.49 -1.07 0.00	32.74 -0.57 0.00	30.71 -0.12 0.00	29.13 -0.37 0.00
OLIN_CORP_DSASP 323712	22.62 0.58 0.00	22.36 0.49 0.00	20.40 0.13 0.00	20.29 0.19 0.00	22.91 0.41 0.00	29.63 0.76 0.00	32.11 0.46 0.00	30.63 -0.25 0.00	31.48 -0.92 0.00	31.56 -1.50 0.00	31.90 -1.31 0.00	37.81 -1.50 0.00	32.10 -1.46 0.01	35.35 -1.68 0.00	39.53 -2.54 -0.41	44.68 -2.54 0.02	39.90 -2.19 0.01	37.30 -1.05 0.00	34.85 -1.06 0.00	36.36 -1.63 0.00	37.11 -1.45 0.00	32.42 -0.89 0.00	30.43 -0.40 0.00	28.99 -0.51 0.00

ONEIDA_HERK_LFGE 323681	22.61 0.56 0.00	22.41 0.54 0.00	20.75 0.48 0.00	20.58 0.48 0.00	23.04 0.54 0.00	29.65 0.78 0.00	32.65 1.00 0.00	31.94 0.99 -0.08	34.01 1.07 -0.54	34.69 1.07 -0.56	34.81 1.05 -0.55	41.17 1.08 -0.78	34.91 0.77 -0.57	38.54 0.81 -0.70	43.35 0.71 -0.99	49.02 0.69 -1.09	43.69 0.70 -0.89	40.13 1.03 -0.75	37.80 1.24 -0.66	40.12 1.39 -0.74	40.73 1.41 -0.76	35.06 1.20 -0.55	32.29 1.06 -0.41	30.65 0.93 -0.21
ONEIDA___115KV_TB4 55905	22.76 0.71 0.00	22.55 0.68 0.00	20.87 0.61 0.00	20.70 0.59 0.00	23.19 0.70 0.00	29.86 0.99 0.00	32.87 1.22 0.00	32.15 1.18 -0.10	34.29 1.23 -0.67	34.96 1.21 -0.69	35.14 1.25 -0.68	41.70 1.42 -0.97	35.40 1.12 -0.71	39.09 1.19 -0.87	44.06 1.13 -1.28	49.77 1.17 -1.36	44.35 1.14 -1.11	40.81 1.52 -0.93	38.31 1.58 -0.82	40.52 1.61 -0.92	41.09 1.58 -0.95	35.27 1.28 -0.68	32.46 1.13 -0.51	30.74 0.97 -0.27
ONONDAGA_REF_OCCRA 23987	22.34 0.29 0.00	22.14 0.27 0.00	20.47 0.20 0.00	20.30 0.20 0.00	22.75 0.26 0.00	29.26 0.39 0.00	32.08 0.43 0.00	31.38 0.28 -0.22	33.95 0.15 -1.41	34.57 0.04 -1.47	34.70 0.05 -1.45	41.43 0.07 -2.05	35.12 0.06 -1.50	38.91 0.04 -1.84	44.25 -0.06 -2.66	50.13 0.01 -2.89	44.51 0.06 -2.36	40.63 0.31 -1.98	37.86 0.21 -1.74	39.98 0.05 -1.94	40.60 0.03 -2.01	34.72 -0.03 -1.44	31.88 -0.03 -1.08	29.98 -0.09 -0.57
ONONDAGA___COGEN 23986	22.31 0.26 0.00	22.13 0.26 0.00	20.47 0.20 0.00	20.29 0.19 0.00	22.72 0.23 0.00	29.25 0.38 0.00	32.06 0.41 0.00	31.48 0.25 -0.36	34.78 0.12 -2.27	35.43 0.01 -2.35	35.57 0.04 -2.32	42.63 0.03 -3.29	36.01 0.04 -2.40	40.01 0.03 -2.95	45.61 -0.08 -4.04	51.86 0.01 -4.62	45.90 0.03 -3.77	41.76 0.24 -3.17	38.86 0.16 -2.80	41.11 0.01 -3.11	41.76 -0.02 -3.21	35.55 -0.07 -2.31	32.49 -0.07 -1.74	30.29 -0.12 -0.91
ONTARIO___LFGE 23819	22.98 0.93 0.00	22.76 0.88 0.00	20.94 0.67 0.00	20.79 0.69 0.00	23.35 0.86 0.00	30.11 1.24 0.00	33.05 1.40 0.00	32.32 1.36 -0.09	34.03 1.08 -0.56	34.41 0.76 -0.58	34.74 0.95 -0.58	41.18 1.04 -0.82	35.06 0.88 -0.60	38.69 0.92 -0.74	43.75 0.74 -1.35	49.41 1.02 -1.16	43.90 0.86 -0.95	40.42 1.27 -0.79	37.73 1.13 -0.70	39.68 0.92 -0.78	40.29 0.93 -0.80	34.70 0.81 -0.58	32.09 0.83 -0.44	30.27 0.54 -0.23
ORANGEVILLE_WT_PWR 323706	22.96 0.91 0.00	22.75 0.88 0.00	20.81 0.54 0.00	20.66 0.56 0.00	23.28 0.79 0.00	30.09 1.22 0.00	32.86 1.22 0.00	31.66 0.78 0.00	32.77 0.37 0.00	33.01 -0.05 0.00	33.31 0.10 0.00	39.48 0.17 0.00	33.63 0.06 0.00	37.04 0.01 0.00	41.62 -0.55 -0.51	46.91 -0.32 0.00	41.80 -0.29 0.00	38.88 0.53 0.00	36.27 0.36 0.00	37.92 -0.07 0.00	38.65 0.09 0.00	33.63 0.31 0.00	31.40 0.57 0.00	29.78 0.28 0.00
ORANGEVILLE___ESR 323794	22.96 0.91 0.00	22.75 0.88 0.00	20.81 0.54 0.00	20.66 0.56 0.00	23.28 0.79 0.00	30.09 1.22 0.00	32.86 1.22 0.00	31.66 0.78 0.00	32.77 0.37 0.00	33.01 -0.05 0.00	33.31 0.10 0.00	39.48 0.17 0.00	33.63 0.06 0.00	37.04 0.01 0.00	41.62 -0.55 -0.51	46.91 -0.32 0.00	41.80 -0.29 0.00	38.88 0.53 0.00	36.27 0.36 0.00	37.92 -0.07 0.00	38.65 0.09 0.00	33.63 0.31 0.00	31.40 0.57 0.00	29.78 0.28 0.00
OSWEGATCHIE___HYD 24044	22.27 0.22 0.00	22.07 0.20 0.00	20.41 0.14 0.00	20.26 0.16 0.00	22.60 0.11 0.00	29.00 0.13 0.00	31.76 0.11 0.00	31.06 0.06 -0.13	33.36 0.17 -0.81	33.87 -0.03 -0.84	33.83 -0.20 -0.83	39.99 -0.49 -1.17	33.81 -0.61 -0.85	37.33 -0.75 -1.05	41.98 -1.00 -1.33	47.68 -1.19 -1.64	42.38 -1.05 -1.34	38.61 -0.86 -1.12	36.51 -0.38 -0.99	39.08 -0.01 -1.10	39.83 0.13 -1.14	34.32 0.18 -0.82	31.67 0.23 -0.62	30.12 0.29 -0.32
OSWEGO___5 23606	21.90 -0.15 0.00	21.72 -0.16 0.00	20.08 -0.18 0.00	19.92 -0.18 0.00	22.31 -0.18 0.00	28.68 -0.19 0.00	31.37 -0.28 0.00	32.09 -0.42 -1.64	42.21 -0.56 -10.37	43.18 -0.65 -10.77	43.19 -0.64 -10.62	53.54 -0.77 -15.00	43.87 -0.68 -10.98	49.75 -0.75 -13.47	57.96 -0.95 -17.26	67.30 -1.02 -21.10	58.42 -0.89 -17.22	52.19 -0.62 -14.45	48.06 -0.60 -12.75	51.43 -0.76 -14.20	52.43 -0.79 -14.66	43.17 -0.69 -10.54	38.14 -0.62 -7.93	33.02 -0.63 -4.14
OSWEGO___6 23613	21.90 -0.15 0.00	21.72 -0.16 0.00	20.08 -0.18 0.00	19.92 -0.18 0.00	22.31 -0.18 0.00	28.68 -0.19 0.00	31.37 -0.28 0.00	32.09 -0.42 -1.64	42.21 -0.56 -10.37	43.18 -0.65 -10.77	43.19 -0.64 -10.62	53.54 -0.77 -15.00	43.87 -0.68 -10.98	49.75 -0.75 -13.47	57.96 -0.95 -17.26	67.30 -1.02 -21.10	58.42 -0.89 -17.22	52.19 -0.62 -14.45	48.06 -0.60 -12.75	51.43 -0.76 -14.20	52.43 -0.79 -14.66	43.17 -0.69 -10.54	38.14 -0.62 -7.93	33.02 -0.63 -4.14
OUTOKUMPU-AB___DRP 24206	23.17 1.12 0.00	22.87 1.00 0.00	20.87 0.60 0.00	20.75 0.65 0.00	23.42 0.92 0.00	30.31 1.44 0.00	32.95 1.30 0.00	31.52 0.65 0.00	32.52 0.13 0.00	32.70 -0.37 0.00	33.04 -0.17 0.00	39.22 -0.10 0.00	33.32 -0.26 -0.01	36.71 -0.32 0.00	41.11 -1.00 -0.46	46.44 -0.81 -0.02	41.47 -0.63 -0.01	38.72 0.37 0.00	36.19 0.28 0.00	37.72 -0.26 0.00	38.45 -0.10 0.00	33.53 0.22 0.00	31.39 0.56 0.00	29.78 0.28 0.00
OXBOW___ 24026	22.95 0.90 0.00	22.68 0.81 0.00	20.69 0.42 0.00	20.57 0.47 0.00	23.22 0.73 0.00	30.06 1.19 0.00	32.62 0.98 0.00	31.16 0.29 0.00	32.10 -0.29 0.00	32.23 -0.83 0.00	32.59 -0.62 0.00	38.65 -0.66 0.00	32.84 -0.74 -0.01	36.17 -0.85 0.00	40.49 -1.62 -0.46	45.75 -1.50 -0.02	40.85 -1.25 -0.01	38.16 -0.18 0.00	35.65 -0.25 0.00	37.19 -0.80 0.00	37.94 -0.62 0.00	33.09 -0.22 0.00	31.00 0.17 0.00	29.48 -0.03 0.00
OXY_CHEM_DSASP 323612	22.64 0.59 0.00	22.36 0.49 0.00	20.40 0.13 0.00	20.29 0.19 0.00	22.91 0.41 0.00	29.64 0.76 0.00	32.11 0.46 0.00	30.63 -0.24 0.00	31.47 -0.92 0.00	31.57 -1.49 0.00	31.90 -1.31 0.00	37.81 -1.50 0.00	32.09 -1.47 0.01	35.34 -1.68 0.00	39.52 -2.54 -0.41	44.67 -2.55 0.02	39.89 -2.20 0.01	37.27 -1.08 0.00	34.84 -1.06 0.00	36.35 -1.63 0.00	37.08 -1.48 0.00	32.42 -0.89 0.00	30.43 -0.40 0.00	28.99 -0.52 0.00
OZONE_PARK_ESR 323760	26.64 1.17 -3.42	23.04 1.17 0.00	21.41 1.15 0.00	21.18 1.08 0.00	23.73 1.24 0.00	30.61 1.55 -0.20	33.95 1.96 -0.34	33.01 2.07 -0.07	34.51 2.12 0.00	35.49 2.43 0.00	35.80 2.59 0.00	43.34 3.15 -0.87	36.67 2.89 -0.21	40.24 3.15 -0.06	50.57 3.62 -5.30	51.47 4.23 0.00	45.87 3.77 0.00	41.90 3.55 0.00	39.10 3.19 0.00	40.82 2.83 0.00	41.28 2.72 0.00	35.99 2.59 -0.09	33.28 2.32 -0.13	31.77 2.26 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	22.64 0.59 0.00	22.36 0.49 0.00	20.40 0.13 0.00	20.29 0.19 0.00	22.91 0.41 0.00	29.64 0.76 0.00	32.11 0.46 0.00	30.63 -0.24 0.00	31.47 -0.92 0.00	31.57 -1.49 0.00	31.90 -1.31 0.00	37.81 -1.50 0.00	32.09 -1.47 0.01	35.34 -1.68 0.00	39.52 -2.54 -0.41	44.67 -2.55 0.02	39.89 -2.20 0.01	37.27 -1.08 0.00	34.84 -1.06 0.00	36.35 -1.63 0.00	37.08 -1.48 0.00	32.42 -0.89 0.00	30.43 -0.40 0.00	28.99 -0.52 0.00

PACKARD__115KV_DUPONT_184 80571	22.64 0.59 0.00	22.36 0.49 0.00	20.40 0.13 0.00	20.29 0.19 0.00	22.91 0.41 0.00	29.64 0.76 0.00	32.11 0.46 0.00	30.63 -0.24 0.00	31.47 -0.92 0.00	31.57 -1.49 0.00	31.90 -1.31 0.00	37.81 -1.50 0.00	32.09 -1.47 0.01	35.34 -1.68 0.00	39.52 -2.54 -0.41	44.67 -2.55 0.02	39.89 -2.20 0.01	37.27 -1.08 0.00	34.84 -1.06 0.00	36.35 -1.63 0.00	37.08 -1.48 0.00	32.42 -0.89 0.00	30.43 -0.40 0.00	28.99 -0.52 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	26.32 0.84 -3.42	22.72 0.84 0.00	21.12 0.85 0.00	20.91 0.80 0.00	23.40 0.90 0.00	30.19 1.13 -0.20	33.48 1.48 -0.34	32.50 1.56 -0.07	33.96 1.56 0.00	34.87 1.81 0.00	35.16 1.95 0.00	42.55 2.36 -0.87	36.01 2.23 -0.21	39.46 2.37 -0.06	49.79 2.84 -5.30	50.56 3.32 0.00	45.10 3.00 0.00	41.16 2.81 0.00	38.47 2.57 0.00	40.15 2.16 0.00	40.65 2.09 0.00	35.39 1.98 -0.09	32.68 1.72 -0.13	31.23 1.73 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	26.53 1.06 -3.42	22.94 1.06 0.00	21.33 1.07 0.00	21.12 1.02 0.00	23.64 1.14 0.00	30.50 1.44 -0.20	33.81 1.81 -0.34	32.79 1.85 -0.07	34.24 1.85 0.00	35.15 2.09 0.00	35.46 2.25 0.00	42.90 2.71 -0.87	36.31 2.53 -0.21	39.84 2.75 -0.06	50.27 3.32 -5.30	51.13 3.89 0.00	45.56 3.47 0.00	41.51 3.16 0.00	38.80 2.89 0.00	40.43 2.44 0.00	40.98 2.42 0.00	35.67 2.27 -0.09	32.93 1.97 -0.13	31.47 1.96 0.00
PATROON__115KV_TB1 80586	18.33 0.22 3.94	22.09 0.21 0.00	20.53 0.27 0.00	20.35 0.24 0.00	22.77 0.27 0.00	28.98 0.33 0.22	31.76 0.52 0.40	30.61 0.72 0.99	20.73 0.80 12.47	20.81 0.97 13.22	34.15 0.94 0.00	39.34 1.15 1.12	34.30 1.00 0.27	38.16 1.21 0.08	50.05 1.59 -6.81	48.89 1.66 0.00	43.65 1.55 0.00	39.81 1.46 0.00	37.18 1.28 0.00	39.30 1.32 0.00	39.73 1.17 0.00	33.98 0.78 0.12	31.31 0.65 0.17	30.20 0.70 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	23.04 0.99 0.00	22.80 0.93 0.00	20.82 0.55 0.00	20.68 0.58 0.00	23.32 0.82 0.00	30.17 1.30 0.00	32.91 1.26 0.00	31.63 0.75 0.00	32.75 0.36 0.00	33.02 -0.04 0.00	33.35 0.13 0.00	39.53 0.22 0.00	33.61 0.03 0.00	37.03 0.01 0.00	41.55 -0.58 -0.47	46.93 -0.31 0.00	41.88 -0.22 0.00	39.03 0.68 0.00	36.39 0.49 0.00	37.96 -0.03 0.00	38.68 0.12 0.00	33.66 0.35 0.00	31.44 0.62 0.00	29.81 0.31 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	25.92 0.94 -2.93	22.82 0.94 0.00	21.19 0.92 0.00	20.98 0.87 0.00	23.49 1.00 0.00	30.30 1.26 -0.17	33.57 1.63 -0.29	32.69 1.76 -0.06	34.22 1.83 0.00	35.14 2.07 0.00	35.41 2.20 0.00	42.75 2.70 -0.74	36.22 2.48 -0.17	39.85 2.77 -0.05	50.36 3.31 -5.40	51.10 3.87 0.00	45.55 3.45 0.00	41.62 3.27 0.00	38.84 2.93 0.00	40.67 2.68 0.00	41.08 2.52 0.00	35.59 2.20 -0.08	32.85 1.91 -0.11	31.36 1.85 0.00
PEEKSKILL____ 23653	26.10 0.71 -3.34	22.58 0.70 0.00	20.98 0.72 0.00	20.77 0.67 0.00	23.27 0.78 0.00	30.02 0.96 -0.19	33.26 1.27 -0.33	32.33 1.40 -0.06	33.79 1.39 0.00	34.68 1.62 0.00	34.97 1.76 0.00	42.34 2.17 -0.85	35.79 2.02 -0.20	39.31 2.22 -0.06	49.49 2.63 -5.21	50.33 3.10 0.00	44.87 2.77 0.00	40.99 2.64 0.00	38.25 2.35 0.00	40.02 2.03 0.00	40.43 1.87 0.00	35.13 1.73 -0.09	32.47 1.52 -0.13	31.03 1.53 0.00
PGE MADISON__WINDPWR 24146	23.93 1.88 0.00	23.69 1.81 0.00	21.87 1.60 0.00	21.70 1.59 0.00	24.35 1.86 0.00	31.47 2.60 0.00	34.86 3.21 0.00	34.05 3.04 -0.13	36.28 3.03 -0.85	36.94 2.99 -0.89	37.27 3.16 -0.90	44.53 3.86 -1.35	37.66 3.10 -0.99	41.56 3.31 -1.22	47.21 3.15 -2.41	52.86 3.73 -1.90	47.21 3.56 -1.55	43.81 4.16 -1.30	41.17 4.12 -1.15	43.38 4.11 -1.28	43.99 4.11 -1.32	37.52 3.26 -0.95	34.39 2.85 -0.71	32.36 2.48 -0.38
PIERCEFIELD__HYD 23852	22.05 0.00 0.00	21.87 0.00 0.00	20.22 -0.05 0.00	20.07 -0.03 0.00	22.33 -0.16 0.00	28.54 -0.33 0.00	31.05 -0.60 0.00	30.31 -0.62 -0.06	32.35 -0.46 -0.42	32.80 -0.70 -0.43	32.72 -0.92 -0.43	38.69 -1.22 -0.61	32.83 -1.18 -0.44	36.24 -1.34 -0.54	40.81 -1.52 -0.69	46.38 -1.70 -0.85	41.24 -1.55 -0.69	37.28 -1.65 -0.58	35.17 -1.25 -0.51	37.66 -0.90 -0.57	38.39 -0.76 -0.59	33.19 -0.55 -0.43	30.79 -0.36 -0.32	29.56 -0.11 -0.17
PINELAWN_CC_1 323563	26.72 1.24 -3.42	23.11 1.24 0.00	21.50 1.24 0.00	21.29 1.19 0.00	23.87 1.38 0.00	30.65 1.59 -0.20	33.74 1.75 -0.34	32.83 1.89 -0.07	34.24 1.84 0.00	35.16 2.10 0.00	35.57 2.32 -0.04	42.75 2.56 -0.87	36.35 2.58 -0.21	61.40 2.95 -21.43	52.74 3.30 -7.80	51.16 3.92 0.00	45.38 3.24 -0.04	41.71 3.36 0.00	39.01 3.09 -0.01	40.63 2.64 0.00	41.16 2.59 0.00	36.12 2.72 -0.09	33.29 2.32 -0.13	31.69 2.18 0.00
PJM_GEN_HTP_PROXY 323702	26.34 0.86 -3.42	22.73 0.85 0.00	21.13 0.87 0.00	20.92 0.82 0.00	23.45 0.95 0.00	30.24 1.17 -0.20	33.02 1.52 0.15	32.58 1.64 -0.07	34.06 1.67 0.00	35.04 1.98 0.00	34.26 2.12 1.08	44.71 2.61 -2.79	37.59 2.40 -1.62	39.67 2.58 -0.06	49.97 3.02 -5.30	50.76 3.53 0.00	45.22 3.13 0.00	41.29 2.94 0.00	38.55 2.65 0.00	40.25 2.26 0.00	40.69 2.12 0.00	35.12 2.07 0.26	32.81 1.85 -0.13	31.36 1.85 0.00
PJM_GEN_KEystone 24065	24.34 0.53 -1.77	22.42 0.54 0.00	20.71 0.44 0.00	20.52 0.42 0.00	23.05 0.56 0.00	29.74 0.77 -0.10	32.29 0.96 0.32	30.80 0.84 0.91	32.65 0.66 0.41	32.43 0.59 1.23	30.93 0.72 3.00	42.25 0.90 -2.04	35.87 0.78 -1.53	37.90 0.84 -0.03	45.40 0.81 -2.94	48.34 1.11 0.00	43.08 0.98 0.00	39.68 1.33 0.00	36.99 1.08 0.00	38.62 0.64 0.00	39.17 0.61 0.00	33.71 0.72 0.31	31.62 0.74 -0.05	32.28 0.70 -2.08
PJM_GEN_NEPTUNE_PROXY 323594	26.39 0.91 -3.42	22.79 0.91 0.00	21.21 0.94 0.00	21.00 0.90 0.00	23.54 1.05 0.00	30.39 1.32 -0.20	33.02 1.53 0.15	32.62 1.68 -0.07	34.06 1.67 0.00	34.99 1.93 0.00	34.33 2.19 1.08	44.53 2.43 -2.79	37.61 2.41 -1.63	39.72 2.63 -0.06	49.99 3.04 -5.30	50.86 3.63 0.00	45.21 3.11 0.00	41.48 3.13 0.00	38.63 2.72 0.00	40.29 2.30 0.00	40.72 2.16 0.00	35.13 2.08 0.26	32.78 1.82 -0.13	31.26 1.75 0.00
PJM_GEN_VFT_PROXY 323633	26.22 0.74 -3.42	22.61 0.74 0.00	21.02 0.76 0.00	20.80 0.70 0.00	23.32 0.83 0.00	30.08 1.01 -0.20	32.81 1.31 0.15	18.82 1.40 13.45	28.00 1.41 5.81	17.23 1.72 17.55	25.09 1.86 9.98	39.49 2.31 2.13	37.36 2.16 -1.62	39.41 2.32 -0.06	49.72 2.77 -5.30	50.49 3.25 0.00	44.95 2.86 0.00	41.03 2.68 0.00	38.31 2.41 0.00	39.98 2.00 0.00	40.43 1.87 0.00	34.80 1.87 0.37	32.32 1.66 0.17	31.18 1.68 0.00
PLATSBURG_115KV_PMLD1 355749	22.70 0.65 0.00	22.55 0.67 0.00	20.84 0.58 0.00	20.65 0.55 0.00	22.98 0.48 0.00	29.47 0.60 0.00	32.40 0.76 0.00	32.12 1.25 0.00	33.84 1.44 0.00	34.25 1.19 0.00	34.24 1.02 0.00	40.18 0.87 0.00	34.23 0.66 0.00	37.73 0.70 0.00	42.52 0.87 0.00	48.12 0.88 0.00	42.97 0.88 0.00	38.88 0.53 0.00	36.48 0.57 0.00	39.12 1.13 0.00	39.92 1.36 0.00	34.32 1.01 0.00	31.84 1.01 0.00	30.53 1.02 0.00

PLEASANTVLY___LBMP 24000	26.54 0.57 -3.93	22.46 0.58 0.00	20.87 0.60 0.00	20.67 0.57 0.00	23.14 0.65 0.00	29.88 0.78 -0.22	33.09 1.05 -0.39	32.15 1.20 -0.08	33.61 1.22 0.00	34.50 1.44 0.00	34.74 1.54 0.00	42.18 1.86 -1.00	35.54 1.74 -0.24	39.03 1.93 -0.07	49.70 2.37 -5.67	49.97 2.74 0.00	44.57 2.47 0.00	40.69 2.34 0.00	37.98 2.07 0.00	39.83 1.84 0.00	40.26 1.70 0.00	34.90 1.48 -0.10	32.27 1.29 -0.15	30.82 1.32 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	26.29 0.78 -3.46	22.66 0.79 0.00	21.05 0.79 0.00	20.85 0.75 0.00	23.34 0.85 0.00	30.13 1.06 -0.20	33.40 1.40 -0.35	32.46 1.52 -0.07	33.95 1.55 0.00	34.85 1.79 0.00	35.14 1.93 0.00	42.55 2.36 -0.88	35.97 2.19 -0.21	39.51 2.42 -0.06	49.86 2.85 -5.36	50.56 3.33 0.00	45.07 2.98 0.00	41.16 2.81 0.00	38.42 2.51 0.00	40.21 2.22 0.00	40.62 2.06 0.00	35.27 1.87 -0.09	32.62 1.66 -0.14	31.14 1.64 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	26.29 0.78 -3.46	22.66 0.79 0.00	21.05 0.79 0.00	20.85 0.75 0.00	23.34 0.85 0.00	30.13 1.06 -0.20	33.40 1.40 -0.35	32.46 1.52 -0.07	33.95 1.55 0.00	34.85 1.79 0.00	35.14 1.93 0.00	42.55 2.36 -0.88	35.97 2.19 -0.21	39.51 2.42 -0.06	49.86 2.85 -5.36	50.56 3.33 0.00	45.07 2.98 0.00	41.16 2.81 0.00	38.42 2.51 0.00	40.21 2.22 0.00	40.62 2.06 0.00	35.27 1.87 -0.09	32.62 1.66 -0.14	31.14 1.64 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	21.76 0.75 1.04	22.64 0.76 0.00	21.03 0.76 0.00	20.83 0.73 0.00	23.31 0.82 0.00	29.84 1.03 0.06	32.89 1.35 0.11	32.36 1.51 0.03	33.96 1.56 0.00	34.83 1.77 0.00	35.05 1.84 0.00	41.26 2.27 0.32	35.61 2.12 0.08	39.37 2.36 0.02	50.04 2.89 -5.49	50.59 3.35 0.00	45.11 3.02 0.00	41.22 2.86 0.00	38.48 2.57 0.00	40.34 2.36 0.00	40.76 2.20 0.00	35.15 1.88 0.03	32.39 1.62 0.05	31.09 1.59 0.00
POLETTI____ 23519	26.31 0.83 -3.42	22.71 0.84 0.00	21.12 0.85 0.00	20.89 0.79 0.00	23.41 0.92 0.00	30.19 1.12 -0.20	33.44 1.45 -0.34	32.51 1.58 -0.07	33.99 1.59 0.00	34.96 1.90 0.00	35.26 2.05 0.00	42.69 2.50 -0.87	36.11 2.33 -0.21	39.60 2.50 -0.06	49.87 2.92 -5.30	50.67 3.43 0.00	45.13 3.04 0.00	41.21 2.86 0.00	38.48 2.57 0.00	40.17 2.18 0.00	40.62 2.06 0.00	35.42 2.02 -0.09	32.76 1.80 -0.13	31.30 1.80 0.00
POMONA___ESR 323819	25.86 0.70 -3.11	22.57 0.70 0.00	20.97 0.70 0.00	20.76 0.66 0.00	23.27 0.77 0.00	30.01 0.96 -0.18	33.26 1.30 -0.31	32.33 1.40 -0.06	33.78 1.39 0.00	34.66 1.60 0.00	34.96 1.75 0.00	42.31 2.20 -0.79	35.79 2.03 -0.19	39.32 2.24 -0.06	49.30 2.67 -4.97	50.37 3.14 0.00	44.91 2.81 0.00	41.01 2.67 0.00	38.29 2.39 0.00	40.04 2.05 0.00	40.43 1.87 0.00	35.12 1.72 -0.08	32.45 1.50 -0.12	31.02 1.52 0.00
PORT_JEFF_3 23555	26.76 1.29 -3.42	23.15 1.27 0.00	21.56 1.30 0.00	21.35 1.25 0.00	23.94 1.45 0.00	30.94 1.87 -0.20	34.16 2.17 -0.34	33.30 2.37 -0.07	34.75 2.36 0.00	35.73 2.67 0.00	36.80 2.93 -0.66	43.42 3.23 -0.88	36.93 3.14 -0.22	212.49 3.34 -172.12	89.92 3.67 -44.59	51.57 4.32 -0.02	46.41 3.68 -0.64	42.20 3.78 -0.07	39.52 3.36 -0.26	40.88 2.89 0.00	41.32 2.76 0.00	35.95 2.55 -0.09	33.08 2.11 -0.13	31.57 2.07 0.00
PORT_JEFF_4 23616	26.76 1.29 -3.42	23.15 1.27 0.00	21.56 1.30 0.00	21.35 1.25 0.00	23.94 1.45 0.00	30.94 1.87 -0.20	34.16 2.17 -0.34	33.30 2.37 -0.07	34.75 2.36 0.00	35.73 2.67 0.00	36.80 2.93 -0.66	43.42 3.23 -0.88	36.93 3.14 -0.22	212.49 3.34 -172.12	89.92 3.67 -44.59	51.57 4.32 -0.02	46.41 3.68 -0.64	42.20 3.78 -0.07	39.52 3.36 -0.26	40.88 2.89 0.00	41.32 2.76 0.00	35.95 2.55 -0.09	33.08 2.11 -0.13	31.57 2.07 0.00
PORT_JEFF_IC 23713	26.83 1.36 -3.42	23.21 1.34 0.00	21.62 1.35 0.00	21.41 1.31 0.00	24.00 1.51 0.00	31.02 1.96 -0.20	34.26 2.27 -0.34	33.40 2.47 -0.07	34.87 2.47 0.00	35.85 2.79 0.00	37.04 3.07 -0.76	43.58 3.39 -0.88	37.05 3.26 -0.22	223.91 3.54 -183.34	96.26 3.90 -50.71	51.78 4.52 -0.02	46.61 3.78 -0.74	42.30 3.86 -0.09	39.63 3.42 -0.30	40.93 2.94 0.00	41.37 2.81 0.00	36.04 2.64 -0.09	33.15 2.19 -0.13	31.68 2.18 0.00
PPL PILGRIM_ST_GT1 24216	26.86 1.39 -3.42	23.25 1.37 0.00	21.65 1.39 0.00	21.44 1.34 0.00	24.05 1.56 0.00	31.06 1.99 -0.20	34.28 2.29 -0.34	33.41 2.47 -0.07	34.87 2.48 0.00	35.83 2.77 0.00	36.33 2.99 -0.14	43.54 3.35 -0.87	37.02 3.24 -0.21	152.96 3.52 -112.41	58.87 3.91 -13.31	51.73 4.50 0.00	46.01 3.78 -0.13	42.19 3.82 -0.01	39.35 3.39 -0.05	40.93 2.95 0.00	41.53 2.98 0.00	36.35 2.95 -0.09	33.44 2.48 -0.13	31.84 2.33 0.00
PPL PILGRIM_ST_GT2 24217	26.86 1.39 -3.42	23.25 1.37 0.00	21.65 1.39 0.00	21.44 1.34 0.00	24.05 1.56 0.00	31.06 1.99 -0.20	34.28 2.29 -0.34	33.41 2.47 -0.07	34.87 2.48 0.00	35.83 2.77 0.00	36.33 2.99 -0.14	43.54 3.35 -0.87	37.02 3.24 -0.21	152.96 3.52 -112.41	58.87 3.91 -13.31	51.73 4.50 0.00	46.01 3.78 -0.13	42.19 3.82 -0.01	39.35 3.39 -0.05	40.93 2.95 0.00	41.53 2.98 0.00	36.35 2.95 -0.09	33.44 2.48 -0.13	31.84 2.33 0.00
PPL_SHRM_GT3 24213	27.10 1.63 -3.42	23.47 1.60 0.00	21.86 1.60 0.00	21.65 1.55 0.00	24.27 1.78 0.00	31.38 2.31 -0.20	34.70 2.70 -0.34	33.83 2.90 -0.07	35.29 2.90 0.00	36.32 3.26 0.00	37.47 3.58 -0.68	44.22 4.02 -0.88	37.54 3.75 -0.22	214.16 4.14 -172.99	91.86 4.76 -45.44	52.89 5.63 -0.02	47.57 4.82 -0.65	42.94 4.51 -0.08	40.21 4.04 -0.26	41.64 3.65 0.00	42.34 3.77 0.00	36.76 3.36 -0.09	33.75 2.79 -0.13	32.10 2.59 0.00
PPL_SHRM_GT4 24214	27.10 1.63 -3.42	23.47 1.60 0.00	21.86 1.60 0.00	21.65 1.55 0.00	24.27 1.78 0.00	31.38 2.31 -0.20	34.70 2.70 -0.34	33.83 2.90 -0.07	35.29 2.90 0.00	36.32 3.26 0.00	37.47 3.58 -0.68	44.22 4.02 -0.88	37.54 3.75 -0.22	214.16 4.14 -172.99	91.86 4.76 -45.44	52.89 5.63 -0.02	47.57 4.82 -0.65	42.94 4.51 -0.08	40.21 4.04 -0.26	41.64 3.65 0.00	42.34 3.77 0.00	36.76 3.36 -0.09	33.75 2.79 -0.13	32.10 2.59 0.00
PROJECT___ORANGE 1 24174	22.24 0.19 0.00	22.04 0.17 0.00	20.37 0.11 0.00	20.20 0.10 0.00	22.65 0.16 0.00	29.13 0.25 0.00	31.90 0.26 0.00	31.13 0.08 -0.18	33.46 -0.06 -1.12	34.03 -0.19 -1.16	34.17 -0.19 -1.15	40.72 -0.22 -1.63	34.57 -0.19 -1.19	38.26 -0.23 -1.46	43.43 -0.35 -2.13	49.19 -0.33 -2.29	43.73 -0.24 -1.87	39.95 0.03 -1.57	37.24 -0.05 -1.38	39.30 -0.22 -1.54	39.89 -0.26 -1.59	34.18 -0.27 -1.14	31.45 -0.24 -0.86	29.68 -0.27 -0.45
PROJECT___ORANGE 2 24166	22.24 0.19 0.00	22.04 0.17 0.00	20.37 0.11 0.00	20.20 0.10 0.00	22.65 0.16 0.00	29.13 0.25 0.00	31.90 0.26 0.00	31.13 0.08 -0.18	33.46 -0.06 -1.12	34.03 -0.19 -1.16	34.17 -0.19 -1.15	40.72 -0.22 -1.63	34.57 -0.19 -1.19	38.26 -0.23 -1.46	43.43 -0.35 -2.13	49.19 -0.33 -2.29	43.73 -0.24 -1.87	39.95 0.03 -1.57	37.24 -0.05 -1.38	39.30 -0.22 -1.54	39.89 -0.26 -1.59	34.18 -0.27 -1.14	31.45 -0.24 -0.86	29.68 -0.27 -0.45

PUCKETT___SOLAR 323809	22.79	22.60	20.88	20.70	23.22	29.89	32.91	32.14	34.19	34.83	34.85	41.55	35.24	38.80	44.60	49.82	44.30	40.73	38.14	40.17	40.81	35.04	32.27	30.48
	0.74	0.72	0.61	0.60	0.73	1.02	1.26	1.14	1.01	0.95	0.82	1.03	0.78	0.69	0.67	0.88	0.82	1.22	1.20	1.03	1.07	0.88	0.80	0.64
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.12	-0.79	-0.82	-0.82	-1.21	-0.89	-1.09	-2.28	-1.70	-1.39	-1.17	-1.03	-1.14	-1.18	-0.85	-0.64	-0.33
PYRITES___HYD 24023	22.34	22.14	20.46	20.34	22.66	29.04	31.70	30.93	33.01	33.45	33.23	39.35	33.34	36.80	41.45	47.09	41.86	37.89	35.91	38.56	39.32	33.95	31.41	30.07
	0.29	0.26	0.19	0.24	0.17	0.17	0.05	0.03	0.23	-0.01	-0.37	-0.52	-0.64	-0.72	-0.83	-0.93	-0.88	-1.00	-0.47	0.05	0.22	0.24	0.29	0.41
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	-0.38	-0.40	-0.39	-0.56	-0.41	-0.50	-0.63	-0.78	-0.64	-0.54	-0.47	-0.53	-0.54	-0.39	-0.30	-0.15
QUAKERRD_115KV_BK1 80622	22.83	22.60	20.77	20.62	23.18	29.91	32.66	31.46	32.34	32.73	33.00	38.96	33.28	36.61	41.13	46.32	41.41	38.37	35.96	37.66	38.10	33.04	30.69	29.29
	0.78	0.73	0.50	0.52	0.69	1.04	1.02	0.66	0.40	0.14	0.26	0.30	0.18	0.17	-0.13	0.01	0.07	0.65	0.61	0.29	0.18	0.19	0.20	-0.03
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.46	0.48	0.47	0.66	0.48	0.59	0.39	0.92	0.75	0.63	0.56	0.62	0.64	0.46	0.35	0.18
QUENSBRY_115KV_TB8 356137	18.59	22.55	20.93	20.76	23.26	29.73	32.90	33.57	44.49	45.91	35.51	40.71	35.39	39.30	51.18	49.98	44.68	40.81	38.10	40.21	40.75	34.78	31.95	30.98
	0.74	0.67	0.66	0.66	0.77	1.10	1.68	2.08	2.28	2.45	2.30	2.59	2.10	2.35	2.63	2.74	2.59	2.47	2.19	2.22	2.18	1.60	1.30	1.47
	4.20	0.00	0.00	0.00	0.00	0.24	0.43	-0.62	-9.82	-10.40	0.00	1.19	0.28	0.08	-6.91	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.18	0.00
RAMAPO___LBMP 323565	25.72	22.48	20.89	20.68	23.17	29.89	33.12	32.19	33.63	34.48	34.77	42.07	35.58	39.09	49.00	50.07	44.64	40.79	38.08	39.83	40.23	34.93	32.29	30.88
	0.59	0.60	0.62	0.58	0.68	0.84	1.16	1.26	1.23	1.42	1.56	1.97	1.82	2.00	2.40	2.83	2.54	2.44	2.18	1.84	1.67	1.54	1.34	1.38
	-3.08	0.00	0.00	0.00	0.00	-0.18	-0.31	-0.06	0.00	0.00	0.00	-0.79	-0.19	-0.06	-4.95	0.00	0.00	0.00	0.00	0.00	0.00	-0.08	-0.12	0.00
RANKINE____ 23646	23.12	22.87	20.87	20.73	23.38	30.25	32.95	31.63	32.72	32.93	33.27	39.47	33.55	36.95	41.43	46.80	41.76	38.96	36.34	37.92	38.64	33.65	31.47	29.83
	1.07	0.99	0.60	0.63	0.89	1.38	1.30	0.76	0.32	-0.13	0.06	0.16	-0.02	-0.08	-0.69	-0.43	-0.34	0.61	0.43	-0.07	0.08	0.34	0.65	0.32
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT2_1 24244	26.34	22.75	21.14	20.92	23.44	30.22	33.47	32.52	34.00	34.98	35.27	42.69	36.11	39.59	49.86	50.64	45.12	41.21	38.48	40.18	40.63	35.44	32.79	31.32
	0.86	0.87	0.87	0.82	0.94	1.15	1.47	1.59	1.61	1.92	2.06	2.50	2.33	2.50	2.91	3.40	3.03	2.86	2.58	2.19	2.07	2.03	1.82	1.81
	-3.42	0.00	0.00	0.00	0.00	-0.20	-0.34	-0.07	0.00	0.00	0.00	-0.87	-0.21	-0.06	-5.30	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	-0.13	0.00
RAVENSWOOD_GT2_2 24245	26.34	22.75	21.14	20.92	23.44	30.22	33.47	32.52	34.00	34.98	35.27	42.69	36.11	39.59	49.86	50.64	45.12	41.21	38.48	40.18	40.63	35.44	32.79	31.32
	0.86	0.87	0.87	0.82	0.94	1.15	1.47	1.59	1.61	1.92	2.06	2.50	2.33	2.50	2.91	3.40	3.03	2.86	2.58	2.19	2.07	2.03	1.82	1.81
	-3.42	0.00	0.00	0.00	0.00	-0.20	-0.34	-0.07	0.00	0.00	0.00	-0.87	-0.21	-0.06	-5.30	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	-0.13	0.00
RAVENSWOOD_GT2_3 24246	26.35	22.76	21.15	20.93	23.45	30.24	33.49	32.54	34.03	35.00	35.30	42.72	36.14	39.63	49.89	50.67	45.15	41.23	38.51	40.21	40.66	35.46	32.80	31.34
	0.88	0.88	0.88	0.83	0.96	1.17	1.49	1.61	1.63	1.94	2.09	2.53	2.36	2.54	2.94	3.44	3.06	2.88	2.60	2.22	2.10	2.05	1.84	1.83
	-3.42	0.00	0.00	0.00	0.00	-0.20	-0.34	-0.07	0.00	0.00	0.00	-0.87	-0.21	-0.06	-5.30	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	-0.13	0.00
RAVENSWOOD_GT2_4 24247	26.35	22.76	21.15	20.93	23.45	30.24	33.49	32.54	34.03	35.00	35.30	42.72	36.14	39.63	49.89	50.67	45.15	41.23	38.51	40.21	40.66	35.46	32.80	31.34
	0.88	0.88	0.88	0.83	0.96	1.17	1.49	1.61	1.63	1.94	2.09	2.53	2.36	2.54	2.94	3.44	3.06	2.88	2.60	2.22	2.10	2.05	1.84	1.83
	-3.42	0.00	0.00	0.00	0.00	-0.20	-0.34	-0.07	0.00	0.00	0.00	-0.87	-0.21	-0.06	-5.30	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	-0.13	0.00
RAVENSWOOD_GT3_1 24248	26.34	22.75	21.14	20.92	23.44	30.22	33.47	32.53	34.00	34.98	35.27	42.69	36.11	39.60	49.86	50.64	45.12	41.21	38.49	40.18	40.63	35.44	32.79	31.32
	0.86	0.87	0.87	0.82	0.95	1.15	1.48	1.59	1.61	1.92	2.06	2.50	2.34	2.51	2.91	3.40	3.03	2.87	2.58	2.19	2.07	2.03	1.82	1.81
	-3.42	0.00	0.00	0.00	0.00	-0.20	-0.34	-0.07	0.00	0.00	0.00	-0.87	-0.21	-0.06	-5.30	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	-0.13	0.00
RAVENSWOOD_GT3_2 24249	26.34	22.75	21.14	20.92	23.44	30.22	33.47	32.53	34.00	34.98	35.27	42.69	36.11	39.60	49.86	50.64	45.12	41.21	38.49	40.18	40.63	35.44	32.79	31.32
	0.86	0.87	0.87	0.82	0.95	1.15	1.48	1.59	1.61	1.92	2.06	2.50	2.34	2.51	2.91	3.40	3.03	2.87	2.58	2.19	2.07	2.03	1.82	1.81
	-3.42	0.00	0.00	0.00	0.00	-0.20	-0.34	-0.07	0.00	0.00	0.00	-0.87	-0.21	-0.06	-5.30	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	-0.13	0.00
RAVENSWOOD_GT3_3 24250	26.38	22.79	21.18	20.96	23.48	30.28	33.53	32.60	34.08	35.06	35.37	42.79	36.20	39.70	49.97	50.76	45.23	41.31	38.57	40.27	40.72	35.51	32.85	31.38
	0.91	0.91	0.91	0.85	0.99	1.21	1.54	1.66	1.69	2.00	2.15	2.60	2.42	2.60	3.02	3.53	3.13	2.96	2.67	2.29	2.16	2.11	1.89	1.87
	-3.42	0.00	0.00	0.00	0.00	-0.20	-0.34	-0.07	0.00	0.00	0.00	-0.87	-0.21	-0.06	-5.30	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	-0.13	0.00
RAVENSWOOD_GT3_4 24251	26.38	22.79	21.18	20.96	23.48	30.28	33.53	32.60	34.08	35.06	35.37	42.79	36.20	39.70	49.97	50.76	45.23	41.31	38.57	40.27	40.72	35.51	32.85	31.38
	0.91	0.91	0.91	0.85	0.99	1.21	1.54	1.66	1.69	2.00	2.15	2.60	2.42	2.60	3.02	3.53	3.13	2.96	2.67	2.29	2.16	2.11	1.89	1.87
	-3.42	0.00	0.00	0.00	0.00	-0.20	-0.34	-0.07	0.00	0.00	0.00	-0.87	-0.21	-0.06	-5.30	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	-0.13	0.00
RAVENSWOOD_GT_1 23729	26.39	22.79	21.18	20.96	23.48	30.28	33.56	32.61	34.06	35.00	35.27	42.67	36.13	39.58	49.87	57.59	98.90	41.41	38.51	40.16	40.62	35.47	32.81	31.34
	0.92	0.91	0.92	0.86	0.99	1.21	1.57	1.68	1.67	1.94	2.06	2.48	2.34	2.49	2.87	3.35	2.99	2.82	2.60	2.17	2.06	2.07	1.85	1.83
	-3.42	0.00	0.00	0.00	0.00	-0.20	-0.34	-0.07	0.00	0.00	0.00	-0.87	-0.22	-0.06	-5.35	-6.99	-53.82	-0.24	0.00	0.00	0.00	-0.09	-0.13	0.00

RAVENSWOOD_GT_10 24258	26.34 0.86 -3.42	22.75 0.87 0.00	21.14 0.88 0.00	20.92 0.82 0.00	23.44 0.95 0.00	30.22 1.15 -0.20	33.46 1.47 -0.34	32.52 1.59 -0.07	34.01 1.62 0.00	34.99 1.92 0.00	35.28 2.08 0.00	42.70 2.51 -0.87	36.12 2.35 -0.21	39.61 2.52 -0.06	49.87 2.92 -5.30	50.65 3.42 0.00	45.13 3.04 0.00	41.22 2.87 0.00	38.49 2.58 0.00	40.19 2.21 0.00	40.63 2.08 0.00	35.44 2.03 -0.09	32.79 1.82 -0.13	31.32 1.81 0.00
RAVENSWOOD_GT_11 24259	26.34 0.87 -3.42	22.75 0.87 0.00	21.14 0.87 0.00	20.92 0.82 0.00	23.45 0.95 0.00	30.22 1.15 -0.20	33.47 1.47 -0.34	32.52 1.58 -0.07	34.01 1.61 0.00	34.99 1.93 0.00	35.28 2.08 0.00	42.71 2.52 -0.87	36.12 2.34 -0.21	39.61 2.52 -0.06	49.87 2.92 -5.30	50.65 3.42 0.00	45.13 3.04 0.00	41.21 2.86 0.00	38.49 2.59 0.00	40.19 2.21 0.00	40.62 2.06 0.00	35.44 2.04 -0.09	32.79 1.83 -0.13	31.32 1.81 0.00
RAVENSWOOD_GT_4 24252	26.34 0.86 -3.42	22.75 0.88 0.00	21.14 0.88 0.00	20.92 0.82 0.00	23.44 0.95 0.00	30.22 1.15 -0.20	33.46 1.47 -0.34	32.52 1.58 -0.07	34.02 1.62 0.00	35.01 1.95 0.00	35.30 2.10 0.00	42.73 2.55 -0.87	36.15 2.36 -0.21	39.63 2.54 -0.06	49.94 2.95 -5.34	56.02 3.46 -5.33	86.15 3.07 -40.98	41.43 2.89 -0.18	38.51 2.60 0.00	40.21 2.22 0.00	40.66 2.10 0.00	35.45 2.04 -0.09	32.80 1.84 -0.13	31.33 1.83 0.00
RAVENSWOOD_GT_5 24254	26.34 0.86 -3.42	22.75 0.88 0.00	21.14 0.88 0.00	20.92 0.82 0.00	23.44 0.95 0.00	30.22 1.15 -0.20	33.46 1.47 -0.34	32.52 1.58 -0.07	34.02 1.62 0.00	35.01 1.95 0.00	35.30 2.10 0.00	42.73 2.55 -0.87	36.15 2.36 -0.21	39.63 2.54 -0.06	49.94 2.95 -5.34	56.02 3.46 -5.33	86.15 3.07 -40.98	41.43 2.89 -0.18	38.51 2.60 0.00	40.21 2.22 0.00	40.66 2.10 0.00	35.45 2.04 -0.09	32.80 1.84 -0.13	31.33 1.83 0.00
RAVENSWOOD_GT_6 24253	26.34 0.86 -3.42	22.75 0.88 0.00	21.14 0.88 0.00	20.92 0.82 0.00	23.44 0.95 0.00	30.22 1.15 -0.20	33.46 1.47 -0.34	32.52 1.58 -0.07	34.02 1.62 0.00	35.01 1.95 0.00	35.30 2.10 0.00	42.73 2.55 -0.87	36.15 2.36 -0.21	39.63 2.54 -0.06	49.94 2.95 -5.34	56.02 3.46 -5.33	86.15 3.07 -40.98	41.43 2.89 -0.18	38.51 2.60 0.00	40.21 2.22 0.00	40.66 2.10 0.00	35.45 2.04 -0.09	32.80 1.84 -0.13	31.33 1.83 0.00
RAVENSWOOD_GT_7 24255	26.34 0.86 -3.42	22.75 0.88 0.00	21.14 0.88 0.00	20.92 0.82 0.00	23.44 0.95 0.00	30.22 1.15 -0.20	33.46 1.47 -0.34	32.52 1.58 -0.07	34.02 1.62 0.00	35.01 1.95 0.00	35.30 2.10 0.00	42.73 2.55 -0.87	36.15 2.36 -0.21	39.63 2.54 -0.06	49.94 2.95 -5.34	56.02 3.46 -5.33	86.15 3.07 -40.98	41.43 2.89 -0.18	38.51 2.60 0.00	40.21 2.22 0.00	40.66 2.10 0.00	35.45 2.04 -0.09	32.80 1.84 -0.13	31.33 1.83 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	26.34 0.86 -3.42	22.75 0.87 0.00	21.14 0.88 0.00	20.92 0.82 0.00	23.44 0.95 0.00	30.22 1.15 -0.20	33.46 1.47 -0.34	32.52 1.59 -0.07	34.01 1.62 0.00	34.99 1.92 0.00	35.28 2.08 0.00	42.70 2.51 -0.87	36.12 2.35 -0.21	39.61 2.52 -0.06	49.87 2.92 -5.30	50.65 3.42 0.00	45.13 3.04 0.00	41.22 2.87 0.00	38.49 2.58 0.00	40.19 2.21 0.00	40.63 2.08 0.00	35.44 2.03 -0.09	32.79 1.82 -0.13	31.32 1.81 0.00
RAVENSWOOD_GT_9 24257	26.34 0.86 -3.42	22.75 0.87 0.00	21.14 0.88 0.00	20.92 0.82 0.00	23.44 0.95 0.00	30.22 1.15 -0.20	33.46 1.47 -0.34	32.52 1.59 -0.07	34.01 1.62 0.00	34.99 1.92 0.00	35.28 2.08 0.00	42.70 2.51 -0.87	36.12 2.35 -0.21	39.61 2.52 -0.06	49.87 2.92 -5.30	50.65 3.42 0.00	45.13 3.04 0.00	41.22 2.87 0.00	38.49 2.58 0.00	40.19 2.21 0.00	40.63 2.08 0.00	35.44 2.03 -0.09	32.79 1.82 -0.13	31.32 1.81 0.00
RAVENSWOOD___1 23533	26.36 0.89 -3.42	22.75 0.88 0.00	21.15 0.88 0.00	20.93 0.83 0.00	23.45 0.96 0.00	30.23 1.16 -0.20	33.51 1.52 -0.34	32.58 1.65 -0.07	34.03 1.64 0.00	34.96 1.90 0.00	35.24 2.03 0.00	42.64 2.45 -0.87	36.09 2.31 -0.21	39.55 2.47 -0.06	49.78 2.83 -5.30	50.55 3.32 0.00	45.05 2.95 0.00	41.14 2.79 0.00	38.48 2.58 0.00	40.13 2.14 0.00	40.59 2.02 0.00	35.45 2.04 -0.09	32.79 1.83 -0.13	31.31 1.81 0.00
RAVENSWOOD___2 23534	26.32 0.85 -3.42	22.71 0.84 0.00	21.11 0.85 0.00	20.90 0.80 0.00	23.41 0.92 0.00	30.17 1.10 -0.20	33.43 1.44 -0.34	32.49 1.55 -0.07	33.80 1.41 0.00	34.67 1.61 0.00	34.95 1.74 0.00	42.28 2.09 -0.87	35.79 2.01 -0.21	39.22 2.13 -0.06	49.41 2.47 -5.30	50.13 2.89 0.00	44.68 2.58 0.00	40.86 2.51 0.00	38.31 2.41 0.00	39.95 1.96 0.00	40.38 1.82 0.00	35.35 1.95 -0.09	32.71 1.75 -0.13	31.24 1.74 0.00
RAVENSWOOD___3 23535	26.35 0.87 -3.42	22.75 0.87 0.00	21.14 0.87 0.00	20.92 0.82 0.00	23.45 0.95 0.00	30.22 1.15 -0.20	33.47 1.48 -0.34	32.52 1.59 -0.07	34.01 1.61 0.00	34.99 1.93 0.00	35.28 2.07 0.00	42.70 2.52 -0.87	36.11 2.34 -0.21	39.60 2.51 -0.06	49.86 2.91 -5.30	50.64 3.41 0.00	45.12 3.03 0.00	41.21 2.86 0.00	38.49 2.59 0.00	40.19 2.20 0.00	40.62 2.06 0.00	35.44 2.04 -0.09	32.79 1.83 -0.13	31.32 1.81 0.00
RAVENSWOOD___4 23820	26.36 0.89 -3.42	22.75 0.88 0.00	21.15 0.88 0.00	20.93 0.83 0.00	23.45 0.96 0.00	30.23 1.16 -0.20	33.51 1.52 -0.34	32.56 1.63 -0.07	34.00 1.61 0.00	34.93 1.87 0.00	35.21 2.00 0.00	42.60 2.41 -0.87	36.04 2.28 -0.20	39.52 2.43 -0.06	49.69 2.79 -5.24	43.61 3.27 6.89	-7.99 2.92 53.00	40.87 2.75 0.23	38.46 2.55 0.00	40.10 2.11 0.00	40.55 2.00 0.00	35.42 2.02 -0.09	32.76 1.80 -0.13	31.29 1.78 0.00
RCPL_TRUST___DRP 24196	26.35 0.88 -3.42	22.75 0.88 0.00	21.15 0.89 0.00	20.94 0.84 0.00	23.46 0.97 0.00	30.27 1.20 -0.20	33.56 1.57 -0.34	32.63 1.70 -0.07	34.12 1.73 0.00	35.08 2.02 0.00	35.40 2.19 0.00	42.86 2.67 -0.87	36.23 2.46 -0.21	39.74 2.65 -0.06	50.03 3.08 -5.30	50.85 3.62 0.00	45.30 3.21 0.00	41.37 3.02 0.00	38.61 2.70 0.00	40.31 2.32 0.00	40.74 2.18 0.00	35.52 2.12 -0.09	32.85 1.89 -0.13	31.39 1.88 0.00
RED___ROCHESTER 323720	23.27 1.22 0.00	23.02 1.14 0.00	21.11 0.85 0.00	20.96 0.86 0.00	23.58 1.09 0.00	30.48 1.61 0.00	33.28 1.64 0.00	32.00 1.21 0.07	32.84 0.91 0.47	33.19 0.61 0.49	33.48 0.75 0.48	39.55 0.90 0.67	33.78 0.69 0.49	37.17 0.74 0.60	41.69 0.43 0.39	46.97 0.67 0.94	42.04 0.71 0.76	39.11 1.40 0.64	36.64 1.30 0.57	38.33 0.97 0.63	38.87 0.96 0.65	33.76 0.91 0.47	31.44 0.96 0.35	29.98 0.66 0.18
REGAN___SOLAR 323812	21.19 2.60 3.46	24.44 2.56 0.00	22.57 2.31 0.00	22.39 2.29 0.00	25.14 2.64 0.00	32.26 3.58 0.20	35.45 4.16 0.35	34.99 4.19 0.08	36.36 3.96 0.00	36.89 3.83 0.00	37.06 3.85 0.00	42.54 4.22 0.99	36.05 2.72 0.23	39.83 2.87 0.07	52.18 3.58 -6.95	50.97 3.74 0.00	46.63 4.53 0.00	43.15 4.80 0.00	40.80 4.90 0.00	43.03 5.04 0.00	43.60 5.03 0.00	37.58 4.37 0.10	34.46 3.78 0.15	32.95 3.45 0.00

RENSSELAER___COGEN 23796	18.30 0.08 3.83	21.95 0.07 0.00	20.40 0.14 0.00	20.22 0.12 0.00	22.63 0.13 0.00	28.80 0.15 0.22	31.56 0.31 0.39	30.23 0.49 1.13	18.44 0.55 14.51	18.39 0.71 15.37	33.89 0.68 0.00	39.05 0.83 1.10	34.05 0.74 0.26	37.87 0.92 0.08	49.70 1.27 -6.78	48.52 1.28 0.00	43.31 1.22 0.00	39.50 1.16 0.00	36.90 0.99 0.00	39.03 1.04 0.00	39.46 0.90 0.00	33.76 0.56 0.11	31.13 0.47 0.17	30.04 0.53 0.00
REPUBLIC_115KV_BARTNBRK 55605	19.15 1.34 4.24	23.16 1.28 0.00	21.46 1.19 0.00	21.36 1.26 0.00	23.96 1.47 0.00	30.82 2.19 0.24	34.43 3.21 0.44	35.28 3.75 -0.65	46.92 4.17 -10.36	48.48 4.44 -10.98	37.55 4.34 0.00	42.82 4.71 1.20	37.25 3.97 0.28	41.37 4.43 0.08	53.52 4.96 -6.90	52.70 5.46 0.00	47.12 5.03 0.00	43.05 4.70 0.00	40.02 4.12 0.00	42.13 4.14 0.00	42.79 4.23 0.00	36.08 2.89 0.13	33.04 2.40 0.18	31.95 2.45 0.00
REVERE_CPPR_DRP 24186	22.94 0.89 0.00	22.73 0.85 0.00	21.03 0.77 0.00	20.86 0.76 0.00	23.36 0.87 0.00	30.11 1.24 0.00	33.19 1.54 0.00	32.46 1.49 -0.10	34.62 1.59 -0.63	35.31 1.59 -0.66	35.49 1.63 -0.65	42.03 1.79 -0.92	35.60 1.36 -0.68	39.33 1.47 -0.83	44.24 1.38 -1.20	49.98 1.45 -1.30	44.57 1.41 -1.06	41.10 1.87 -0.89	38.70 2.01 -0.79	40.98 2.11 -0.87	41.54 2.08 -0.90	35.68 1.72 -0.65	32.83 1.52 -0.49	31.07 1.32 -0.25
REYNOLDS_115KV_TB3 80639	17.75 0.20 4.50	22.07 0.19 0.00	20.52 0.26 0.00	20.34 0.23 0.00	22.74 0.25 0.00	28.90 0.29 0.26	31.65 0.46 0.46	30.08 0.65 1.44	14.48 0.71 18.62	14.20 0.87 19.73	34.07 0.86 0.00	39.08 1.04 1.28	34.17 0.90 0.30	38.05 1.11 0.09	49.95 1.52 -6.77	48.78 1.54 0.00	43.57 1.48 0.00	39.70 1.35 0.00	37.07 1.16 0.00	39.23 1.24 0.00	39.67 1.11 0.00	33.90 0.72 0.13	31.26 0.62 0.20	30.21 0.71 0.00
RIVERBAY____ 323610	26.53 1.06 -3.42	22.94 1.06 0.00	21.33 1.07 0.00	21.12 1.02 0.00	23.64 1.14 0.00	30.50 1.44 -0.20	33.81 1.81 -0.34	32.79 1.85 -0.07	34.24 1.85 0.00	35.15 2.09 0.00	35.46 2.25 0.00	42.90 2.71 -0.87	36.31 2.53 -0.21	39.84 2.75 -0.06	50.27 3.32 -5.30	51.13 3.89 0.00	45.56 3.47 0.00	41.51 3.16 0.00	38.80 2.89 0.00	40.43 2.44 0.00	40.98 2.42 0.00	35.67 2.27 -0.09	32.93 1.97 -0.13	31.47 1.96 0.00
RIVERSDE_115KV_TB3 55908	18.03 0.16 4.18	22.03 0.15 0.00	20.48 0.22 0.00	20.30 0.20 0.00	22.71 0.22 0.00	28.89 0.25 0.24	31.63 0.41 0.43	30.25 0.61 1.23	17.25 0.68 15.83	17.14 0.85 16.77	34.04 0.83 0.00	39.12 1.00 1.19	34.16 0.87 0.28	38.03 1.08 0.08	49.90 1.47 -6.79	48.74 1.50 0.00	43.50 1.40 0.00	39.66 1.31 0.00	37.05 1.14 0.00	39.19 1.20 0.00	39.62 1.06 0.00	33.85 0.67 0.12	31.22 0.57 0.18	30.15 0.64 0.00
ROARING___BROOK_WT_PWR 323790	22.09 0.04 0.00	21.92 0.04 0.00	20.30 0.04 0.00	20.14 0.04 0.00	22.54 0.05 0.00	28.95 0.07 0.00	31.74 0.09 0.00	30.99 0.12 0.00	32.52 0.13 0.00	33.21 0.14 0.00	33.38 0.17 0.00	39.51 0.20 0.00	33.73 0.16 0.00	37.21 0.19 0.00	41.84 0.18 0.00	47.41 0.18 0.00	42.25 0.16 0.00	38.54 0.19 0.00	36.12 0.22 0.00	38.10 0.11 0.00	38.56 0.00 0.00	33.40 0.08 0.00	30.95 0.12 0.00	29.62 0.11 0.00
ROCHESRG_115KV_T4 355643	22.97 0.93 0.00	22.73 0.86 0.00	20.85 0.59 0.00	20.71 0.61 0.00	23.30 0.81 0.00	30.08 1.21 0.00	32.82 1.18 0.00	31.56 0.76 0.08	32.33 0.45 0.51	32.68 0.14 0.53	32.96 0.27 0.52	38.92 0.33 0.72	33.22 0.18 0.53	36.54 0.16 0.65	40.98 -0.21 0.46	46.16 -0.06 1.02	41.29 0.03 0.83	38.35 0.70 0.70	35.94 0.65 0.61	37.61 0.31 0.68	38.16 0.30 0.71	33.19 0.39 0.51	30.97 0.52 0.38	29.58 0.27 0.20
ROCHESTER_9_IC 23652	23.13 1.08 0.00	22.88 1.01 0.00	20.99 0.72 0.00	20.84 0.74 0.00	23.45 0.96 0.00	30.29 1.42 0.00	33.07 1.42 0.00	31.80 1.00 0.07	32.62 0.69 0.47	32.97 0.39 0.49	33.26 0.53 0.48	39.29 0.64 0.67	33.53 0.45 0.49	36.90 0.47 0.60	41.38 0.12 0.39	46.62 0.32 0.93	41.71 0.38 0.76	38.76 1.05 0.64	36.33 0.99 0.57	38.01 0.65 0.63	38.54 0.63 0.65	33.51 0.67 0.47	31.23 0.75 0.35	29.80 0.47 0.18
ROCKVIEW_13_KV_LD 356306	26.36 0.88 -3.42	22.75 0.88 0.00	21.15 0.88 0.00	20.93 0.83 0.00	23.44 0.95 0.00	30.26 1.19 -0.20	33.53 1.53 -0.34	32.60 1.66 -0.07	34.08 1.69 0.00	35.01 1.95 0.00	35.30 2.09 0.00	42.74 2.55 -0.87	36.14 2.37 -0.21	39.69 2.60 -0.06	50.00 3.06 -5.30	50.82 3.58 0.00	45.28 3.19 0.00	41.35 3.00 0.00	38.59 2.68 0.00	40.35 2.36 0.00	40.77 2.21 0.00	35.45 2.04 -0.09	32.78 1.82 -0.13	31.30 1.80 0.00
ROME____115KV_TB2 80656	22.94 0.89 0.00	22.73 0.85 0.00	21.03 0.77 0.00	20.86 0.76 0.00	23.36 0.87 0.00	30.11 1.24 0.00	33.19 1.54 0.00	32.46 1.49 -0.10	34.62 1.59 -0.63	35.31 1.59 -0.66	35.49 1.63 -0.65	42.03 1.79 -0.92	35.60 1.36 -0.68	39.33 1.47 -0.83	44.24 1.38 -1.20	49.98 1.45 -1.30	44.57 1.41 -1.06	41.10 1.87 -0.89	38.70 2.01 -0.79	40.98 2.11 -0.87	41.54 2.08 -0.90	35.68 1.72 -0.65	32.83 1.52 -0.49	31.07 1.32 -0.25
ROSETON___1 23587	25.73 0.58 -3.10	22.46 0.58 0.00	20.87 0.60 0.00	20.67 0.57 0.00	23.15 0.66 0.00	29.84 0.79 -0.18	33.02 1.06 -0.31	32.13 1.20 -0.06	33.60 1.21 0.00	34.48 1.42 0.00	34.73 1.52 0.00	41.97 1.87 -0.78	35.48 1.72 -0.19	39.00 1.92 -0.06	49.28 2.32 -5.30	49.93 2.69 0.00	44.52 2.43 0.00	40.65 2.30 0.00	37.96 2.05 0.00	39.79 1.80 0.00	40.22 1.66 0.00	34.86 1.47 -0.08	32.23 1.29 -0.12	30.81 1.31 0.00
ROSETON___2 23588	25.73 0.58 -3.10	22.46 0.58 0.00	20.87 0.60 0.00	20.67 0.57 0.00	23.15 0.66 0.00	29.84 0.79 -0.18	33.02 1.06 -0.31	32.13 1.20 -0.06	33.60 1.21 0.00	34.48 1.42 0.00	34.73 1.52 0.00	41.97 1.87 -0.78	35.48 1.72 -0.19	39.00 1.92 -0.06	49.28 2.32 -5.30	49.93 2.69 0.00	44.52 2.43 0.00	40.65 2.30 0.00	37.96 2.05 0.00	39.79 1.80 0.00	40.22 1.66 0.00	34.86 1.47 -0.08	32.23 1.29 -0.12	30.81 1.31 0.00
ROTTTRDAM_115KV_TB3 80664	19.17 0.59 3.46	22.46 0.58 0.00	20.85 0.59 0.00	20.67 0.57 0.00	23.14 0.65 0.00	29.51 0.83 0.20	32.34 1.05 0.35	32.03 1.24 0.08	33.69 1.30 0.00	34.48 1.42 0.00	34.60 1.39 0.00	39.96 1.64 0.99	34.73 1.39 0.23	38.53 1.57 0.07	50.47 1.86 -6.95	49.31 2.07 0.00	44.01 1.91 0.00	40.19 1.84 0.00	37.58 1.67 0.00	39.68 1.69 0.00	40.17 1.61 0.00	34.46 1.25 0.10	31.78 1.11 0.15	30.63 1.12 0.00
RUSSELL___1 23602	23.27 1.22 0.00	23.02 1.14 0.00	21.12 0.85 0.00	20.96 0.86 0.00	23.58 1.09 0.00	30.48 1.61 0.00	33.28 1.63 0.00	32.01 1.21 0.07	32.84 0.91 0.47	33.20 0.62 0.49	33.48 0.75 0.47	39.56 0.91 0.67	33.77 0.69 0.49	37.17 0.74 0.60	41.69 0.43 0.39	46.97 0.67 0.93	42.04 0.71 0.76	39.08 1.37 0.64	36.64 1.30 0.57	38.33 0.97 0.63	38.86 0.94 0.65	33.75 0.91 0.47	31.44 0.97 0.35	29.98 0.66 0.18

RUSSELL___2 23532	23.27 1.22 0.00	23.02 1.14 0.00	21.12 0.85 0.00	20.96 0.86 0.00	23.58 1.09 0.00	30.48 1.61 0.00	33.28 1.63 0.00	32.01 1.21 0.07	32.84 0.91 0.47	33.20 0.62 0.49	33.48 0.75 0.47	39.56 0.91 0.67	33.77 0.69 0.49	37.17 0.74 0.60	41.69 0.43 0.39	46.97 0.67 0.93	42.04 0.71 0.76	39.08 1.37 0.64	36.64 1.30 0.57	38.33 0.97 0.63	38.86 0.94 0.65	33.75 0.91 0.47	31.44 0.97 0.35	29.98 0.66 0.18
RUSSELL___3 23549	23.27 1.22 0.00	23.02 1.14 0.00	21.12 0.85 0.00	20.96 0.86 0.00	23.58 1.09 0.00	30.48 1.61 0.00	33.28 1.63 0.00	32.01 1.21 0.07	32.84 0.91 0.47	33.20 0.62 0.49	33.48 0.75 0.47	39.56 0.91 0.67	33.77 0.69 0.49	37.17 0.74 0.60	41.69 0.43 0.39	46.97 0.67 0.93	42.04 0.71 0.76	39.08 1.37 0.64	36.64 1.30 0.57	38.33 0.97 0.63	38.86 0.94 0.65	33.75 0.91 0.47	31.44 0.97 0.35	29.98 0.66 0.18
RUSSELL___4 23556	23.27 1.22 0.00	23.02 1.14 0.00	21.12 0.85 0.00	20.96 0.86 0.00	23.58 1.09 0.00	30.48 1.61 0.00	33.28 1.63 0.00	32.01 1.21 0.07	32.84 0.91 0.47	33.20 0.62 0.49	33.48 0.75 0.47	39.56 0.91 0.67	33.77 0.69 0.49	37.17 0.74 0.60	41.69 0.43 0.39	46.97 0.67 0.93	42.04 0.71 0.76	39.08 1.37 0.64	36.64 1.30 0.57	38.33 0.97 0.63	38.86 0.94 0.65	33.75 0.91 0.47	31.44 0.97 0.35	29.98 0.66 0.18
RUSSELL___STATION 23914	23.27 1.22 0.00	23.02 1.14 0.00	21.12 0.85 0.00	20.96 0.86 0.00	23.58 1.09 0.00	30.48 1.61 0.00	33.28 1.63 0.00	32.01 1.21 0.07	32.84 0.91 0.47	33.20 0.62 0.49	33.48 0.75 0.47	39.56 0.91 0.67	33.77 0.69 0.49	37.17 0.74 0.60	41.69 0.43 0.39	46.97 0.67 0.93	42.04 0.71 0.76	39.08 1.37 0.64	36.64 1.30 0.57	38.33 0.97 0.63	38.86 0.94 0.65	33.75 0.91 0.47	31.44 0.97 0.35	29.98 0.66 0.18
S SALMON___HYD 24043	22.27 0.22 0.00	22.06 0.19 0.00	20.39 0.13 0.00	20.23 0.13 0.00	22.67 0.18 0.00	29.17 0.29 0.00	32.01 0.37 0.00	31.57 0.21 -0.48	35.56 0.10 -3.06	36.19 -0.05 -3.18	36.23 -0.11 -3.14	43.36 -0.39 -4.44	36.37 -0.44 -3.25	40.45 -0.56 -3.98	46.10 -0.81 -5.26	52.53 -0.94 -6.24	46.25 -0.94 -5.09	42.12 -0.50 -4.27	39.37 -0.31 -3.77	42.00 -0.19 -4.20	42.79 -0.11 -4.33	36.37 -0.06 -3.12	33.22 0.05 -2.35	30.68 -0.05 -1.22
S.PERRY___115KV_TB1 80734	23.79 1.74 0.00	23.54 1.66 0.00	21.58 1.31 0.00	21.42 1.32 0.00	24.11 1.62 0.00	31.19 2.32 0.00	34.23 2.58 0.00	33.11 2.24 0.00	34.11 1.72 0.00	33.99 0.93 0.00	34.38 1.17 0.00	40.61 1.30 0.00	34.68 1.11 0.00	37.94 0.91 0.00	41.98 -0.16 -0.49	46.96 -0.27 0.00	41.88 -0.22 0.00	38.63 0.28 0.00	36.57 0.67 0.00	38.69 0.70 0.00	39.44 0.88 0.00	34.83 1.52 0.00	32.67 1.84 0.00	30.90 1.40 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	22.99 0.94 0.00	22.73 0.86 0.00	20.74 0.48 0.00	20.61 0.51 0.00	23.26 0.76 0.00	30.09 1.22 0.00	32.70 1.05 0.00	31.32 0.45 0.00	32.36 -0.04 0.00	32.55 -0.52 0.00	32.89 -0.33 0.00	39.01 -0.31 0.00	33.12 -0.45 0.00	36.48 -0.55 0.00	40.85 -1.25 -0.45	46.17 -1.06 0.00	41.21 -0.88 0.00	38.45 0.10 0.00	35.91 0.00 0.00	37.47 -0.52 0.00	38.20 -0.36 0.00	33.30 -0.01 0.00	31.20 0.37 0.00	29.58 0.08 0.00
SAWYER___23_KV_LOAD 55526	22.99 0.94 0.00	22.73 0.86 0.00	20.74 0.48 0.00	20.61 0.51 0.00	23.26 0.76 0.00	30.09 1.22 0.00	32.70 1.05 0.00	31.32 0.45 0.00	32.36 -0.04 0.00	32.55 -0.52 0.00	32.89 -0.33 0.00	39.01 -0.31 0.00	33.12 -0.45 0.00	36.48 -0.55 0.00	40.85 -1.25 -0.45	46.17 -1.06 0.00	41.21 -0.88 0.00	38.45 0.10 0.00	35.91 0.00 0.00	37.47 -0.52 0.00	38.20 -0.36 0.00	33.30 -0.01 0.00	31.20 0.37 0.00	29.58 0.08 0.00
SELKIRK___I 23801	19.85 0.37 2.57	22.25 0.37 0.00	20.68 0.42 0.00	20.50 0.40 0.00	22.95 0.45 0.00	29.29 0.57 0.15	32.14 0.75 0.27	31.11 0.92 0.68	24.76 0.97 8.60	25.05 1.11 9.12	34.26 1.05 0.00	39.79 1.24 0.76	34.46 1.08 0.18	38.29 1.31 0.05	49.97 1.63 -6.68	48.90 1.67 0.00	43.63 1.53 0.00	39.87 1.52 0.00	37.27 1.36 0.00	39.44 1.45 0.00	39.88 1.32 0.00	34.19 0.96 0.08	31.55 0.84 0.12	30.38 0.88 0.00
SELKIRK___II 23799	19.30 0.21 2.96	22.09 0.21 0.00	20.53 0.27 0.00	20.35 0.25 0.00	22.77 0.28 0.00	29.04 0.33 0.17	31.83 0.49 0.31	30.76 0.67 0.78	23.15 0.72 9.95	23.38 0.87 10.55	34.04 0.83 0.00	39.46 1.02 0.88	34.26 0.89 0.21	38.06 1.09 0.06	49.87 1.44 -6.77	48.72 1.49 0.00	43.45 1.36 0.00	39.66 1.31 0.00	37.07 1.16 0.00	39.19 1.20 0.00	39.62 1.06 0.00	33.96 0.74 0.09	31.33 0.64 0.13	30.19 0.69 0.00
SENECA OSWGO___HYD 24041	22.07 0.02 0.00	21.89 0.01 0.00	20.24 -0.03 0.00	20.07 -0.04 0.00	22.50 0.01 0.00	28.91 0.04 0.00	31.64 -0.01 0.00	31.38 -0.18 -0.69	36.41 -0.33 -4.35	37.14 -0.44 -4.51	37.24 -0.43 -4.46	45.08 -0.52 -6.29	37.74 -0.43 -4.60	42.19 -0.49 -5.65	48.36 -0.68 -7.40	55.37 -0.71 -8.85	48.71 -0.60 -7.22	44.05 -0.36 -6.06	40.87 -0.38 -5.35	43.41 -0.53 -5.95	44.14 -0.57 -6.15	37.21 -0.52 -4.42	33.70 -0.45 -3.33	30.78 -0.47 -1.74
SENECA___115KV_TB3 355854	23.15 1.10 0.00	22.90 1.02 0.00	20.90 0.63 0.00	20.76 0.66 0.00	23.41 0.92 0.00	30.30 1.43 0.00	33.00 1.35 0.00	31.68 0.80 0.00	32.76 0.37 0.00	32.99 -0.07 0.00	33.33 0.12 0.00	39.55 0.24 0.00	33.62 0.05 0.00	37.02 0.00 0.00	41.51 -0.61 -0.47	46.90 -0.34 0.00	41.85 -0.25 0.00	39.03 0.69 0.00	36.40 0.50 0.00	37.98 0.00 0.00	38.72 0.16 0.00	33.71 0.40 0.00	31.53 0.71 0.00	29.87 0.37 0.00
SENECA___ENERGY 23797	22.63 0.59 0.00	22.42 0.54 0.00	20.65 0.38 0.00	20.49 0.39 0.00	23.00 0.51 0.00	29.66 0.78 0.00	32.58 0.93 0.00	31.93 0.79 -0.26	34.60 0.53 -1.67	35.10 0.30 -1.74	35.39 0.46 -1.72	42.22 0.47 -2.43	35.75 0.40 -1.78	39.58 0.37 -2.18	44.99 0.19 -3.14	50.99 0.34 -3.42	45.19 0.31 -2.79	41.36 0.66 -2.34	38.57 0.60 -2.07	40.68 0.39 -2.30	41.29 0.36 -2.38	35.31 0.29 -1.71	32.41 0.29 -1.28	30.30 0.12 -0.67
SHOEMAKER___GT 23640	25.30 0.55 -2.70	22.43 0.56 0.00	20.83 0.56 0.00	20.63 0.53 0.00	23.10 0.61 0.00	29.78 0.76 -0.15	32.93 1.01 -0.27	32.03 1.10 -0.05	33.50 1.11 0.00	34.30 1.24 0.00	34.54 1.33 0.00	41.66 1.65 -0.70	35.25 1.51 -0.16	38.72 1.64 -0.05	48.17 1.99 -4.53	49.66 2.42 0.00	44.26 2.17 0.00	40.45 2.10 0.00	37.77 1.86 0.00	39.65 1.66 0.00	40.09 1.54 0.00	34.74 1.36 -0.07	32.10 1.17 -0.11	30.66 1.16 0.00
SHOEMAKR_138KV_BK 111 55601	25.23 0.53 -2.66	22.42 0.54 0.00	20.82 0.55 0.00	20.62 0.52 0.00	23.10 0.60 0.00	29.77 0.74 -0.15	32.92 1.00 -0.27	32.02 1.09 -0.05	33.48 1.09 0.00	34.28 1.22 0.00	34.53 1.32 0.00	41.64 1.64 -0.69	35.24 1.51 -0.16	38.73 1.66 -0.05	48.11 1.99 -4.47	49.65 2.41 0.00	44.26 2.16 0.00	40.45 2.09 0.00	37.76 1.86 0.00	39.63 1.64 0.00	40.07 1.51 0.00	34.72 1.33 -0.07	32.09 1.15 -0.10	30.65 1.15 0.00

SHOREHAM_IC_1 23715	27.10 1.63 -3.42	23.47 1.60 0.00	21.86 1.60 0.00	21.65 1.55 0.00	24.27 1.78 0.00	31.38 2.31 -0.20	34.70 2.70 -0.34	33.83 2.90 -0.07	35.29 2.90 0.00	36.32 3.26 0.00	37.47 3.58 -0.68	44.22 4.02 -0.88	37.54 3.75 -0.22	214.16 4.14 -172.99	91.86 4.76 -45.44	52.89 5.63 -0.02	47.57 4.82 -0.65	42.94 4.51 -0.08	40.21 4.04 -0.26	41.64 3.65 0.00	42.34 3.77 0.00	36.76 3.36 -0.09	33.75 2.79 -0.13	32.10 2.59 0.00
SHOREHAM_IC_2 23716	27.10 1.63 -3.42	23.47 1.60 0.00	21.86 1.60 0.00	21.65 1.55 0.00	24.27 1.78 0.00	31.38 2.31 -0.20	34.70 2.70 -0.34	33.83 2.90 -0.07	35.29 2.90 0.00	36.32 3.26 0.00	37.47 3.58 -0.68	44.22 4.02 -0.88	37.54 3.75 -0.22	214.16 4.14 -172.99	91.86 4.76 -45.44	52.89 5.63 -0.02	47.57 4.82 -0.65	42.94 4.51 -0.08	40.21 4.04 -0.26	41.64 3.65 0.00	42.34 3.77 0.00	36.76 3.36 -0.09	33.75 2.79 -0.13	32.10 2.59 0.00
SISSONVILLE____ 23735	22.05 0.00 0.00	21.87 0.00 0.00	20.22 -0.05 0.00	20.07 -0.03 0.00	22.33 -0.16 0.00	28.54 -0.33 0.00	31.05 -0.60 0.00	30.31 -0.62 -0.06	32.35 -0.46 -0.42	32.80 -0.70 -0.43	32.72 -0.92 -0.43	38.69 -1.22 -0.61	32.83 -1.18 -0.44	36.24 -1.34 -0.54	40.81 -1.52 -0.69	46.38 -1.70 -0.85	41.24 -1.55 -0.69	37.28 -1.65 -0.58	35.17 -1.25 -0.51	37.66 -0.90 -0.57	38.39 -0.76 -0.59	33.19 -0.55 -0.43	30.79 -0.36 -0.32	29.56 -0.11 -0.17
SITHE_IND_GS1 24169	21.76 -0.29 0.00	21.58 -0.30 0.00	19.96 -0.31 0.00	19.80 -0.30 0.00	22.17 -0.32 0.00	28.47 -0.40 0.00	31.11 -0.54 0.00	28.03 -0.69 2.14	17.99 -0.84 13.55	18.04 -0.95 14.07	18.40 -0.93 13.88	18.60 -1.12 19.60	18.26 -0.97 14.34	18.35 -1.09 17.59	18.32 -1.31 22.03	18.26 -1.43 27.55	18.36 -1.25 22.49	18.53 -0.94 18.87	18.34 -0.91 16.65	18.37 -1.08 18.54	18.30 -1.12 19.14	18.55 -0.98 13.77	19.58 -0.89 10.36	23.22 -0.87 5.41
SITHE_IND_GS2 24170	21.76 -0.29 0.00	21.58 -0.30 0.00	19.96 -0.31 0.00	19.80 -0.30 0.00	22.17 -0.32 0.00	28.47 -0.40 0.00	31.11 -0.54 0.00	28.03 -0.69 2.14	17.99 -0.84 13.55	18.04 -0.95 14.07	18.40 -0.93 13.88	18.60 -1.12 19.60	18.26 -0.97 14.34	18.35 -1.09 17.59	18.32 -1.31 22.03	18.26 -1.43 27.55	18.36 -1.25 22.49	18.53 -0.94 18.87	18.34 -0.91 16.65	18.37 -1.08 18.54	18.30 -1.12 19.14	18.55 -0.98 13.77	19.58 -0.89 10.36	23.22 -0.87 5.41
SITHE_IND_GS3 24171	21.76 -0.29 0.00	21.58 -0.30 0.00	19.96 -0.31 0.00	19.80 -0.30 0.00	22.17 -0.32 0.00	28.47 -0.40 0.00	31.11 -0.54 0.00	28.03 -0.69 2.14	17.99 -0.84 13.55	18.04 -0.95 14.07	18.40 -0.93 13.88	18.60 -1.12 19.60	18.26 -0.97 14.34	18.35 -1.09 17.59	18.32 -1.31 22.03	18.26 -1.43 27.55	18.36 -1.25 22.49	18.53 -0.94 18.87	18.34 -0.91 16.65	18.37 -1.08 18.54	18.30 -1.12 19.14	18.55 -0.98 13.77	19.58 -0.89 10.36	23.22 -0.87 5.41
SITHE_IND_GS4 24172	21.76 -0.29 0.00	21.58 -0.30 0.00	19.96 -0.31 0.00	19.80 -0.30 0.00	22.17 -0.32 0.00	28.47 -0.40 0.00	31.11 -0.54 0.00	28.03 -0.69 2.14	17.99 -0.84 13.55	18.04 -0.95 14.07	18.40 -0.93 13.88	18.60 -1.12 19.60	18.26 -0.97 14.34	18.35 -1.09 17.59	18.32 -1.31 22.03	18.26 -1.43 27.55	18.36 -1.25 22.49	18.53 -0.94 18.87	18.34 -0.91 16.65	18.37 -1.08 18.54	18.30 -1.12 19.14	18.55 -0.98 13.77	19.58 -0.89 10.36	23.22 -0.87 5.41
SITHE____BATAVIA 24024	23.52 1.48 0.00	23.24 1.36 0.00	21.24 0.97 0.00	21.11 1.00 0.00	23.81 1.32 0.00	30.85 1.98 0.00	33.66 2.01 0.00	32.34 1.47 0.00	33.43 1.04 0.00	33.59 0.53 0.00	33.87 0.66 0.00	40.24 0.93 0.00	34.08 0.51 0.00	37.62 0.59 0.00	42.12 0.06 -0.40	47.64 0.40 0.00	42.39 0.29 0.00	39.66 1.32 0.00	37.28 1.37 0.00	39.02 1.03 0.00	39.71 1.15 0.00	34.45 1.14 0.00	32.11 1.28 0.00	30.41 0.90 0.00
SITHE____INDEPEND 23800	21.76 -0.29 0.00	21.58 -0.30 0.00	19.96 -0.31 0.00	19.80 -0.30 0.00	22.17 -0.32 0.00	28.47 -0.40 0.00	31.11 -0.54 0.00	28.03 -0.69 2.14	17.99 -0.85 13.55	18.04 -0.95 14.07	18.40 -0.93 13.88	18.60 -1.12 19.60	18.26 -0.97 14.34	18.35 -1.08 17.59	18.32 -1.31 22.03	18.26 -1.43 27.55	18.36 -1.25 22.49	18.53 -0.95 18.87	18.34 -0.92 16.65	18.37 -1.08 18.54	18.30 -1.12 19.14	18.55 -0.98 13.77	19.59 -0.88 10.36	23.22 -0.87 5.41
SITHE____MASSENA 23902	22.00 -0.04 0.00	21.83 -0.04 0.00	20.19 -0.07 0.00	20.05 -0.05 0.00	22.38 -0.11 0.00	28.69 -0.18 0.00	31.34 -0.31 0.00	30.55 -0.32 0.00	32.25 -0.15 0.00	32.84 -0.23 0.00	32.88 -0.34 0.00	38.87 -0.45 0.00	33.13 -0.44 0.00	36.51 -0.52 0.00	41.07 -0.58 0.00	46.65 -0.59 0.00	41.52 -0.57 0.00	37.50 -0.84 0.00	35.27 -0.63 0.00	37.59 -0.39 0.00	38.30 -0.26 0.00	33.18 -0.13 0.00	30.79 -0.04 0.00	29.50 -0.01 0.00
SITHE____OGDNSBRG 24021	22.30 0.24 0.00	22.11 0.23 0.00	20.43 0.17 0.00	20.31 0.20 0.00	22.64 0.15 0.00	29.04 0.16 0.00	31.73 0.08 0.00	30.92 0.05 0.00	32.64 0.24 0.00	33.10 0.04 0.00	32.92 -0.30 0.00	38.91 -0.40 0.00	33.06 -0.51 0.00	36.44 -0.59 0.00	40.98 -0.67 0.00	46.50 -0.73 0.00	41.40 -0.70 0.00	37.46 -0.89 0.00	35.52 -0.38 0.00	38.12 0.13 0.00	38.87 0.31 0.00	33.65 0.33 0.00	31.17 0.35 0.00	29.91 0.41 0.00
SITHE____STERLING 23777	22.76 0.71 0.00	22.56 0.68 0.00	20.87 0.61 0.00	20.70 0.59 0.00	23.19 0.70 0.00	29.85 0.99 0.00	32.87 1.22 0.00	32.15 1.18 -0.10	34.29 1.23 -0.67	34.96 1.21 -0.69	35.14 1.25 -0.68	41.70 1.42 -0.97	35.40 1.12 -0.71	39.09 1.19 -0.87	44.06 1.13 -1.28	49.77 1.17 -1.36	44.35 1.14 -1.11	40.81 1.52 -0.93	38.31 1.58 -0.82	40.52 1.61 -0.92	41.09 1.58 -0.95	35.28 1.28 -0.68	32.46 1.12 -0.51	30.74 0.97 -0.27
SLEIGHT__34_KV_TB1 80719	23.09 1.04 0.00	22.88 1.00 0.00	21.08 0.82 0.00	20.92 0.82 0.00	23.45 0.96 0.00	30.31 1.44 0.00	33.34 1.69 0.00	32.56 1.48 -0.20	35.01 1.32 -1.29	35.59 1.18 -1.34	35.79 1.25 -1.32	42.62 1.43 -1.88	36.24 1.29 -1.38	40.04 1.32 -1.69	45.52 1.38 -2.49	51.55 1.68 -2.64	45.76 1.51 -2.16	41.85 1.69 -1.81	39.06 1.56 -1.59	41.18 1.41 -1.78	41.72 1.33 -1.84	35.65 1.02 -1.32	32.71 0.89 -0.99	30.69 0.67 -0.52
SOUTH CAIRO____GT 23612	21.21 1.01 1.86	22.81 0.93 0.00	21.18 0.92 0.00	21.00 0.90 0.00	23.51 1.02 0.00	30.17 1.40 0.11	33.26 1.81 0.19	32.37 2.15 0.65	26.29 2.27 8.37	26.49 2.31 8.88	35.22 2.01 0.00	41.18 2.43 0.57	35.36 1.93 0.13	39.56 2.57 0.04	51.06 3.04 -6.37	50.30 3.06 0.00	44.73 2.63 0.00	41.26 2.91 0.00	38.65 2.75 0.00	41.04 3.05 0.00	41.45 2.89 0.00	35.34 2.09 0.06	32.52 1.78 0.09	31.17 1.66 0.00
SOUTH HAMPTN____IC 23720	27.56 2.09 -3.42	23.92 2.04 0.00	22.27 2.01 0.00	22.05 1.95 0.00	24.74 2.25 0.00	32.01 2.94 -0.20	35.43 3.44 -0.34	34.54 3.60 -0.07	36.10 3.71 0.00	37.20 4.14 0.00	38.42 4.56 -0.65	45.42 5.22 -0.88	38.62 4.82 -0.22	212.46 5.31 -170.12	91.51 6.06 -43.80	54.41 7.15 -0.02	48.91 6.18 -0.63	44.41 5.99 -0.07	41.52 5.36 -0.25	42.98 4.99 0.00	43.39 4.83 0.00	37.59 4.19 -0.09	34.48 3.52 -0.13	32.74 3.24 0.00

SOUTHDOW_115KV_TB1 355954	23.66 1.61 0.00	23.43 1.56 0.00	21.40 1.14 0.00	21.23 1.13 0.00	23.96 1.46 0.00	31.04 2.17 0.00	34.11 2.46 0.00	32.98 2.11 0.00	34.19 1.80 0.00	34.50 1.44 0.00	34.81 1.60 0.00	41.29 1.97 0.00	35.12 1.55 0.00	38.74 1.71 0.00	43.48 1.34 -0.49	49.10 1.86 0.00	43.77 1.67 0.00	40.79 2.45 0.00	37.94 2.03 0.00	39.50 1.51 0.00	40.26 1.70 0.00	34.94 1.63 0.00	32.56 1.74 0.00	30.83 1.33 0.00
SOUTHOLD_69_KV_BK 2 55809	28.00 2.53 -3.42	24.37 2.50 0.00	22.68 2.41 0.00	22.46 2.36 0.00	25.20 2.71 0.00	32.65 3.58 -0.20	36.17 4.18 -0.34	35.26 4.32 -0.07	36.89 4.49 0.00	38.02 4.96 0.00	39.32 5.46 -0.65	46.48 6.29 -0.88	39.60 5.81 -0.22	213.51 6.36 -170.13	92.63 7.17 -43.81	55.69 8.44 -0.02	50.03 7.31 -0.63	45.45 7.03 -0.07	42.49 6.33 -0.25	44.05 6.06 0.00	44.40 5.84 0.00	38.41 5.01 -0.09	35.16 4.20 -0.13	33.34 3.83 0.00
SOUTHOLD___IC 23719	28.01 2.53 -3.42	24.37 2.49 0.00	22.67 2.41 0.00	22.46 2.36 0.00	25.21 2.72 0.00	32.65 3.58 -0.20	36.16 4.17 -0.34	35.26 4.32 -0.07	36.88 4.49 0.00	38.02 4.96 0.00	39.33 5.46 -0.65	46.52 6.32 -0.88	39.60 5.81 -0.22	213.51 6.36 -170.13	92.63 7.17 -43.81	55.69 8.44 -0.02	50.03 7.31 -0.63	45.45 7.03 -0.07	42.49 6.33 -0.25	44.05 6.06 0.00	44.40 5.84 0.00	38.41 5.01 -0.09	35.16 4.20 -0.13	33.34 3.83 0.00
SPIERFLS_115KV_TB 1 80737	18.50 0.61 4.16	22.43 0.56 0.00	20.82 0.55 0.00	20.65 0.55 0.00	23.13 0.64 0.00	29.54 0.91 0.24	32.66 1.43 0.43	33.27 1.82 -0.58	43.74 1.98 -9.37	45.16 2.17 -9.93	35.25 2.03 0.00	40.42 2.29 1.18	35.08 1.79 0.28	38.95 2.01 0.08	50.79 2.23 -6.91	49.51 2.28 0.00	44.26 2.16 0.00	40.43 2.08 0.00	37.76 1.85 0.00	39.87 1.88 0.00	40.38 1.82 0.00	34.54 1.35 0.12	31.74 1.10 0.18	30.81 1.31 0.00
ST LAWRENCE____ 23600	21.73 -0.32 0.00	21.57 -0.31 0.00	19.95 -0.32 0.00	19.81 -0.29 0.00	22.12 -0.38 0.00	28.36 -0.51 0.00	31.01 -0.64 0.00	30.24 -0.64 0.00	31.92 -0.47 0.00	32.53 -0.53 0.00	32.60 -0.61 0.00	38.56 -0.76 0.00	32.88 -0.69 0.00	36.25 -0.78 0.00	40.78 -0.87 0.00	46.32 -0.92 0.00	41.22 -0.87 0.00	37.21 -1.14 0.00	34.96 -0.95 0.00	37.23 -0.76 0.00	37.93 -0.63 0.00	32.86 -0.45 0.00	30.47 -0.35 0.00	29.16 -0.34 0.00
STATE_CA_115KV_115_LB 55624	18.33 0.22 3.94	22.09 0.21 0.00	20.53 0.27 0.00	20.35 0.24 0.00	22.77 0.27 0.00	28.98 0.33 0.22	31.76 0.52 0.40	30.62 0.72 0.97	20.87 0.80 12.32	20.97 0.97 13.06	34.15 0.94 0.00	39.34 1.15 1.13	34.31 1.01 0.27	38.16 1.21 0.08	50.06 1.59 -6.81	48.90 1.66 0.00	43.65 1.56 0.00	39.81 1.47 0.00	37.18 1.28 0.00	39.31 1.33 0.00	39.73 1.17 0.00	33.98 0.79 0.12	31.31 0.65 0.17	30.21 0.70 0.00
STATE_ST_34_KV_LOAD 55959	22.66 0.61 0.00	22.50 0.62 0.00	20.75 0.48 0.00	20.60 0.49 0.00	23.02 0.53 0.00	29.72 0.85 0.00	32.65 1.00 0.00	32.05 0.85 -0.33	35.13 0.67 -2.06	35.77 0.56 -2.14	35.93 0.60 -2.11	42.93 0.62 -2.99	36.36 0.60 -2.19	40.33 0.61 -2.69	46.06 0.63 -3.78	52.24 0.80 -4.21	46.23 0.70 -3.44	42.16 0.93 -2.89	39.28 0.82 -2.54	41.51 0.68 -2.83	42.09 0.61 -2.93	35.87 0.45 -2.11	32.81 0.40 -1.58	30.62 0.28 -0.83
STATION 5_MISC_HYD 23604	23.12 1.07 0.00	22.88 1.01 0.00	20.99 0.72 0.00	20.84 0.74 0.00	23.45 0.96 0.00	30.29 1.42 0.00	33.08 1.43 0.00	31.80 1.00 0.07	32.62 0.69 0.47	32.96 0.38 0.49	33.26 0.53 0.48	39.29 0.64 0.67	33.53 0.45 0.49	36.91 0.48 0.60	41.38 0.12 0.39	46.62 0.32 0.94	41.73 0.39 0.76	38.77 1.06 0.64	36.33 0.99 0.57	38.01 0.66 0.63	38.56 0.65 0.65	33.51 0.67 0.47	31.23 0.75 0.35	29.80 0.48 0.18
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	23.10 1.05 0.00	22.87 0.99 0.00	21.02 0.75 0.00	20.87 0.76 0.00	23.45 0.96 0.00	30.28 1.41 0.00	33.16 1.51 0.00	32.11 1.24 0.00	33.40 1.00 0.00	33.82 0.76 0.00	34.11 0.90 0.00	40.34 1.03 0.00	34.40 0.83 0.00	37.90 0.87 0.00	42.66 0.65 -0.36	48.13 0.89 0.00	42.96 0.86 0.00	39.73 1.38 0.00	37.19 1.29 0.00	39.01 1.03 0.00	39.53 0.97 0.00	34.15 0.84 0.00	31.66 0.83 0.00	30.06 0.55 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	23.09 1.04 0.00	22.85 0.97 0.00	20.97 0.70 0.00	20.82 0.72 0.00	23.42 0.93 0.00	30.26 1.38 0.00	33.04 1.39 0.00	31.80 1.00 0.07	32.66 0.71 0.45	33.04 0.45 0.47	33.32 0.57 0.46	39.37 0.69 0.64	33.60 0.51 0.47	36.97 0.52 0.57	41.50 0.21 0.37	46.75 0.41 0.90	41.83 0.47 0.73	38.84 1.10 0.62	36.40 1.04 0.54	38.07 0.69 0.60	38.58 0.64 0.62	33.49 0.63 0.45	31.17 0.68 0.34	29.72 0.39 0.18
STA_56___34_KV_BUS2 355983	23.09 1.04 0.00	22.85 0.97 0.00	20.97 0.70 0.00	20.82 0.72 0.00	23.42 0.93 0.00	30.26 1.38 0.00	33.04 1.39 0.00	31.80 1.00 0.07	32.66 0.71 0.45	33.04 0.45 0.47	33.32 0.57 0.46	39.37 0.69 0.64	33.60 0.51 0.47	36.97 0.52 0.57	41.50 0.21 0.37	46.75 0.41 0.90	41.83 0.47 0.73	38.84 1.10 0.62	36.40 1.04 0.54	38.07 0.69 0.60	38.58 0.64 0.62	33.49 0.63 0.45	31.17 0.68 0.34	29.72 0.39 0.18
STA_67___115KV_BK2 355882	23.07 1.02 0.00	22.82 0.95 0.00	20.94 0.67 0.00	20.79 0.69 0.00	23.39 0.90 0.00	30.22 1.35 0.00	32.98 1.33 0.00	31.70 0.90 0.07	32.52 0.60 0.47	32.86 0.29 0.49	33.15 0.42 0.48	39.16 0.52 0.67	33.42 0.35 0.49	36.77 0.35 0.60	41.24 -0.01 0.40	46.47 0.18 0.95	41.56 0.24 0.77	38.61 0.90 0.65	36.19 0.86 0.57	37.87 0.51 0.64	38.41 0.51 0.66	33.39 0.55 0.47	31.14 0.66 0.36	29.71 0.40 0.19
STA_7___115KV_9TRANS 80674	23.27 1.22 0.00	23.02 1.14 0.00	21.12 0.85 0.00	20.96 0.86 0.00	23.58 1.09 0.00	30.48 1.61 0.00	33.28 1.63 0.00	32.01 1.21 0.07	32.84 0.91 0.47	33.20 0.62 0.49	33.48 0.75 0.47	39.56 0.91 0.67	33.77 0.69 0.49	37.17 0.74 0.60	41.69 0.43 0.39	46.97 0.67 0.93	42.04 0.71 0.76	39.08 1.37 0.64	36.64 1.30 0.57	38.33 0.97 0.63	38.86 0.94 0.65	33.75 0.91 0.47	31.44 0.97 0.35	29.98 0.66 0.18
STA_82___115KV_TB1 80780	23.08 1.03 0.00	22.84 0.97 0.00	20.95 0.68 0.00	20.81 0.71 0.00	23.41 0.92 0.00	30.24 1.36 0.00	33.00 1.35 0.00	31.74 0.93 0.07	32.57 0.62 0.44	32.92 0.32 0.46	33.20 0.44 0.45	39.24 0.55 0.63	33.48 0.37 0.46	36.83 0.37 0.56	41.31 0.00 0.35	46.54 0.19 0.88	41.64 0.26 0.72	38.67 0.93 0.61	36.25 0.88 0.53	37.93 0.53 0.59	38.48 0.54 0.61	33.45 0.58 0.44	31.18 0.69 0.33	29.75 0.42 0.17
STEEL___WIND 323596	23.12 1.07 0.00	22.89 1.01 0.00	20.88 0.62 0.00	20.75 0.65 0.00	23.40 0.91 0.00	30.27 1.40 0.00	33.00 1.35 0.00	31.67 0.80 0.00	32.75 0.36 0.00	32.95 -0.11 0.00	33.29 0.08 0.00	39.50 0.19 0.00	33.60 0.03 0.00	37.00 -0.03 0.00	41.47 -0.65 -0.46	46.85 -0.38 0.00	41.81 -0.28 0.00	39.01 0.66 0.00	36.39 0.48 0.00	37.97 -0.02 0.00	38.71 0.15 0.00	33.69 0.38 0.00	31.50 0.67 0.00	29.86 0.35 0.00

STEPHTWN_115KV_BK_2 55603	18.51 0.29 3.83	22.23 0.36 0.00	20.63 0.37 0.00	20.41 0.31 0.00	22.88 0.39 0.00	29.15 0.50 0.22	32.02 0.76 0.39	30.68 0.93 1.13	18.88 0.99 14.51	18.81 1.13 15.37	34.33 1.12 0.00	39.60 1.39 1.10	34.53 1.22 0.26	38.45 1.50 0.08	50.37 1.94 -6.78	49.13 1.90 0.00	43.95 1.85 0.00	40.18 1.84 0.00	37.45 1.54 0.00	39.64 1.65 0.00	39.97 1.41 0.00	34.14 0.94 0.11	31.48 0.83 0.17	30.37 0.86 0.00
STEBEN_REC_LFGE 323667	23.35 1.30 0.00	23.11 1.24 0.00	21.19 0.92 0.00	21.04 0.94 0.00	23.70 1.21 0.00	30.61 1.73 0.00	33.62 1.97 0.00	32.68 1.74 -0.07	34.26 1.41 -0.46	34.52 0.98 -0.48	34.85 1.16 -0.48	41.34 1.34 -0.68	35.17 1.10 -0.50	38.82 1.17 -0.62	43.77 0.74 -1.38	49.30 1.11 -0.96	43.78 0.90 -0.79	40.47 1.46 -0.66	37.77 1.28 -0.58	39.65 1.02 -0.65	40.42 1.19 -0.67	34.97 1.18 -0.48	32.46 1.27 -0.36	30.63 0.93 -0.19
STONY__BROOK 24151	26.86 1.38 -3.42	23.24 1.36 0.00	21.64 1.37 0.00	21.42 1.32 0.00	24.03 1.54 0.00	31.05 1.99 -0.20	34.29 2.30 -0.34	33.45 2.51 -0.07	34.93 2.54 0.00	35.90 2.84 0.00	37.21 3.13 -0.86	43.65 3.45 -0.88	37.12 3.32 -0.23	236.02 3.65 -195.35	102.27 4.08 -56.53	52.04 4.78 -0.03	47.01 4.08 -0.84	42.57 4.12 -0.10	39.88 3.63 -0.34	41.13 3.15 0.00	41.56 3.00 0.00	36.18 2.78 -0.09	33.27 2.31 -0.13	31.75 2.24 0.00
STURGEON_POOL_HYD 23609	23.95 0.66 -1.24	22.53 0.65 0.00	20.94 0.67 0.00	20.73 0.63 0.00	23.21 0.72 0.00	29.87 0.93 -0.07	32.97 1.21 -0.12	32.10 1.35 0.12	31.85 1.46 2.01	32.57 1.66 2.15	34.97 1.76 0.00	41.80 2.21 -0.28	35.70 2.07 -0.07	39.33 2.28 -0.02	49.83 2.73 -5.44	50.55 3.31 0.00	45.04 2.94 0.00	41.08 2.73 0.00	38.33 2.43 0.00	40.15 2.16 0.00	40.56 2.01 0.00	35.13 1.79 -0.03	32.43 1.56 -0.04	31.03 1.52 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	25.48 0.59 -2.83	22.47 0.60 0.00	20.88 0.61 0.00	20.67 0.57 0.00	23.16 0.67 0.00	29.86 0.82 -0.16	33.05 1.11 -0.28	32.14 1.22 -0.06	33.61 1.21 0.00	34.45 1.38 0.00	34.72 1.51 0.00	41.94 1.90 -0.73	35.50 1.76 -0.17	39.01 1.93 -0.05	48.70 2.33 -4.71	49.98 2.74 0.00	44.56 2.46 0.00	40.72 2.37 0.00	38.01 2.11 0.00	39.81 1.83 0.00	40.24 1.67 0.00	34.89 1.50 -0.08	32.23 1.29 -0.11	30.81 1.31 0.00
SWANROAD_115KV_TB1 355699	22.74 0.69 0.00	22.45 0.57 0.00	20.48 0.21 0.00	20.36 0.26 0.00	22.99 0.50 0.00	29.76 0.88 0.00	32.27 0.62 0.00	30.82 -0.06 0.00	31.84 -0.56 0.00	31.95 -1.12 0.00	32.28 -0.93 0.00	38.27 -1.04 0.00	32.49 -1.08 0.00	35.76 -1.27 0.00	40.01 -2.08 -0.43	45.23 -2.01 0.00	40.38 -1.72 0.00	37.73 -0.62 0.00	35.29 -0.61 0.00	36.84 -1.15 0.00	37.56 -1.00 0.00	32.80 -0.51 0.00	30.76 -0.07 0.00	29.18 -0.32 0.00
SYNERGY__BIOGAS 323694	23.52 1.48 0.00	23.24 1.36 0.00	21.24 0.97 0.00	21.11 1.00 0.00	23.81 1.32 0.00	30.85 1.98 0.00	33.66 2.01 0.00	32.34 1.47 0.00	33.43 1.04 0.00	33.59 0.53 0.00	33.87 0.66 0.00	40.24 0.93 0.00	34.08 0.51 0.00	37.62 0.59 0.00	42.12 0.06 -0.40	47.64 0.40 0.00	42.39 0.29 0.00	39.66 1.32 0.00	37.28 1.37 0.00	39.02 1.03 0.00	39.71 1.15 0.00	34.45 1.14 0.00	32.11 1.28 0.00	30.41 0.90 0.00
SYRACUSE__ENERGY_ST1 323597	22.31 0.26 0.00	22.13 0.26 0.00	20.47 0.20 0.00	20.29 0.19 0.00	22.72 0.23 0.00	29.25 0.38 0.00	32.06 0.41 0.00	31.48 0.25 -0.36	34.78 0.12 -2.27	35.43 0.01 -2.35	35.57 0.04 -2.32	42.63 0.03 -3.29	36.01 0.04 -2.40	40.01 0.03 -2.95	45.61 -0.08 -4.04	51.86 0.01 -4.62	45.90 0.03 -3.77	41.76 0.24 -3.17	38.86 0.16 -2.80	41.11 0.01 -3.11	41.76 -0.02 -3.21	35.55 -0.07 -2.31	32.49 -0.07 -1.74	30.29 -0.12 -0.91
SYRACUSE__ENERGY_ST2 323598	22.31 0.26 0.00	22.13 0.26 0.00	20.47 0.20 0.00	20.29 0.19 0.00	22.72 0.23 0.00	29.25 0.38 0.00	32.06 0.41 0.00	31.48 0.25 -0.36	34.78 0.12 -2.27	35.43 0.01 -2.35	35.57 0.04 -2.32	42.63 0.03 -3.29	36.01 0.04 -2.40	40.01 0.03 -2.95	45.61 -0.08 -4.04	51.86 0.01 -4.62	45.90 0.03 -3.77	41.76 0.24 -3.17	38.86 0.16 -2.80	41.11 0.01 -3.11	41.76 -0.02 -3.21	35.55 -0.07 -2.31	32.49 -0.07 -1.74	30.29 -0.12 -0.91
SYRACUSE__POWER 24017	22.31 0.26 0.00	22.12 0.24 0.00	20.45 0.18 0.00	20.28 0.18 0.00	22.73 0.23 0.00	29.23 0.36 0.00	32.04 0.39 0.00	31.33 0.24 -0.22	33.92 0.11 -1.42	34.53 -0.01 -1.47	34.66 -0.01 -1.46	41.38 0.00 -2.06	35.09 0.01 -1.51	38.87 -0.01 -1.85	44.19 -0.13 -2.66	50.07 -0.07 -2.90	44.46 0.00 -2.37	40.58 0.24 -1.99	37.82 0.16 -1.75	39.93 -0.01 -1.95	40.55 -0.03 -2.02	34.68 -0.08 -1.45	31.84 -0.08 -1.09	29.94 -0.13 -0.57
TALLMAN_138KV_BK151 55660	25.77 0.66 -3.06	22.54 0.66 0.00	20.94 0.68 0.00	20.73 0.63 0.00	23.24 0.75 0.00	29.97 0.93 -0.17	33.22 1.26 -0.31	32.29 1.36 -0.06	33.73 1.34 0.00	34.60 1.54 0.00	34.90 1.69 0.00	42.23 2.13 -0.78	35.72 1.97 -0.18	39.25 2.16 -0.06	49.17 2.59 -4.93	50.28 3.04 0.00	44.82 2.73 0.00	40.96 2.61 0.00	38.23 2.33 0.00	39.98 1.99 0.00	40.37 1.81 0.00	35.05 1.66 -0.08	32.40 1.45 -0.12	30.98 1.48 0.00
TEALLAVE_115KV_TB7 355573	22.22 0.17 0.00	22.02 0.15 0.00	20.36 0.10 0.00	20.19 0.09 0.00	22.64 0.14 0.00	29.10 0.23 0.00	31.88 0.23 0.00	31.11 0.06 -0.18	33.44 -0.08 -1.12	34.02 -0.21 -1.17	34.14 -0.22 -1.15	40.70 -0.25 -1.63	34.55 -0.22 -1.20	38.24 -0.26 -1.47	43.39 -0.39 -2.13	49.14 -0.38 -2.30	43.69 -0.28 -1.88	39.91 -0.01 -1.57	37.22 -0.07 -1.39	39.29 -0.24 -1.54	39.88 -0.28 -1.60	34.18 -0.28 -1.15	31.43 -0.26 -0.86	29.67 -0.29 -0.45
TELGRAPH_34_KV_EAST 80808	23.17 1.12 0.00	22.88 1.00 0.00	20.88 0.62 0.00	20.76 0.66 0.00	23.43 0.93 0.00	30.33 1.46 0.00	32.99 1.34 0.00	31.61 0.74 0.00	32.68 0.29 0.00	32.85 -0.22 0.00	33.17 -0.04 0.00	39.38 0.07 0.00	33.41 -0.16 0.00	36.78 -0.24 0.00	41.20 -0.87 -0.42	46.61 -0.63 0.00	41.56 -0.54 0.00	38.82 0.47 0.00	36.36 0.45 0.00	37.97 -0.01 0.00	38.67 0.11 0.00	33.68 0.37 0.00	31.48 0.66 0.00	29.84 0.33 0.00
TEMPLE__115KV_TB 2 55572	22.24 0.19 0.00	22.04 0.17 0.00	20.37 0.11 0.00	20.20 0.10 0.00	22.65 0.16 0.00	29.13 0.25 0.00	31.90 0.26 0.00	31.13 0.08 -0.18	33.46 -0.06 -1.12	34.03 -0.19 -1.16	34.17 -0.19 -1.15	40.72 -0.22 -1.63	34.57 -0.19 -1.19	38.26 -0.23 -1.46	43.43 -0.35 -2.13	49.19 -0.33 -2.29	43.73 -0.24 -1.87	39.95 0.03 -1.57	37.24 -0.05 -1.38	39.30 -0.22 -1.54	39.89 -0.26 -1.59	34.18 -0.27 -1.14	31.45 -0.24 -0.86	29.68 -0.27 -0.45
TIANA__69_KV_BK 1 55817	27.43 1.96 -3.42	23.80 1.93 0.00	22.16 1.90 0.00	21.95 1.84 0.00	24.62 2.12 0.00	31.85 2.78 -0.20	35.25 3.26 -0.34	34.37 3.43 -0.07	35.91 3.52 0.00	36.96 4.31 -0.65	38.17 4.91 -0.88	45.10 5.04 -170.13	38.37 4.58 -0.22	212.20 5.77 -43.81	91.23 6.82 -0.02	54.07 6.82 -0.63	48.61 5.89 -0.63	44.16 5.74 -0.07	41.29 5.13 -0.25	42.73 4.74 0.00	43.16 4.60 0.00	37.41 4.01 -0.09	34.31 3.35 -0.13	32.59 3.09 0.00

TILDEN___115KV_TB1 80814	22.31 0.26 0.00	22.12 0.24 0.00	20.45 0.18 0.00	20.28 0.18 0.00	22.73 0.23 0.00	29.23 0.36 0.00	32.04 0.39 0.00	31.33 0.24 -0.22	33.92 0.11 -1.42	34.53 -0.01 -1.47	34.66 -0.01 -1.46	41.38 0.00 -2.06	35.09 0.01 -1.51	38.87 -0.01 -1.85	44.19 -0.13 -2.66	50.07 -0.07 -2.90	44.46 0.00 -2.37	40.58 0.24 -1.99	37.82 0.16 -1.75	39.93 -0.01 -1.95	40.55 -0.03 -2.02	34.68 -0.08 -1.45	31.84 -0.08 -1.09	29.94 -0.13 -0.57
TRIGEN___CC 323695	26.47 0.99 -3.42	22.88 1.00 0.00	21.26 0.99 0.00	21.05 0.95 0.00	23.60 1.11 0.00	30.48 1.41 -0.20	33.64 1.65 -0.34	32.71 1.78 -0.07	34.19 1.80 0.00	35.10 2.04 0.00	35.53 2.32 0.00	42.79 2.61 -0.87	36.33 2.56 -0.21	39.87 2.78 -0.06	50.17 3.22 -5.30	51.06 3.82 0.00	45.38 3.28 0.00	41.64 3.29 0.00	38.78 2.87 0.00	40.47 2.48 0.00	40.90 2.34 0.00	35.62 2.22 -0.09	32.91 1.95 -0.13	31.40 1.89 0.00
TRINITY___115KV___4 BK 55933	18.30 0.11 3.86	21.98 0.10 0.00	20.43 0.17 0.00	20.25 0.14 0.00	22.65 0.16 0.00	28.83 0.18 0.22	31.60 0.34 0.40	30.31 0.54 1.10	18.86 0.61 14.15	18.84 0.77 14.99	33.95 0.74 0.00	39.11 0.90 1.10	34.10 0.79 0.26	37.93 0.98 0.08	49.79 1.35 -6.79	48.61 1.37 0.00	43.39 1.30 0.00	39.56 1.21 0.00	36.96 1.05 0.00	39.09 1.10 0.00	39.51 0.95 0.00	33.79 0.60 0.11	31.16 0.50 0.17	30.07 0.57 0.00
UNION___PROCESSING_DRP 323587	23.09 1.04 0.00	22.85 0.97 0.00	20.96 0.69 0.00	20.81 0.71 0.00	23.41 0.92 0.00	30.25 1.38 0.00	33.01 1.36 0.00	31.75 0.95 0.07	32.59 0.63 0.43	32.94 0.32 0.45	33.22 0.45 0.44	39.26 0.56 0.61	33.49 0.37 0.45	36.86 0.38 0.55	41.35 0.02 0.33	46.59 0.22 0.86	41.67 0.28 0.70	38.70 0.94 0.59	36.28 0.89 0.52	37.97 0.56 0.58	38.52 0.55 0.60	33.48 0.60 0.43	31.20 0.69 0.32	29.76 0.43 0.17
UPPER HUDSON___HYD 24058	18.50 0.61 4.16	22.43 0.56 0.00	20.82 0.55 0.00	20.65 0.55 0.00	23.13 0.64 0.00	29.54 0.91 0.24	32.66 1.43 0.43	33.27 1.82 -0.58	43.75 1.98 -9.37	45.16 2.17 -9.93	35.25 2.04 0.00	40.43 2.29 1.18	35.07 1.79 0.28	38.95 2.01 0.08	50.79 2.23 -6.91	49.51 2.28 0.00	44.26 2.16 0.00	40.43 2.08 0.00	37.75 1.85 0.00	39.87 1.88 0.00	40.37 1.81 0.00	34.54 1.35 0.12	31.74 1.09 0.18	30.81 1.31 0.00
UPPER RAQUET___HYD 24056	22.05 0.00 0.00	21.87 0.00 0.00	20.22 -0.05 0.00	20.07 -0.03 0.00	22.34 -0.16 0.00	28.54 -0.33 0.00	31.05 -0.60 0.00	30.31 -0.62 -0.06	32.35 -0.46 -0.42	32.80 -0.70 -0.43	32.72 -0.92 -0.43	38.69 -1.22 -0.61	32.84 -1.18 -0.44	36.24 -1.33 -0.54	40.81 -1.52 -0.69	46.38 -1.70 -0.85	41.24 -1.55 -0.69	37.28 -1.65 -0.58	35.17 -1.25 -0.51	37.66 -0.90 -0.57	38.39 -0.77 -0.59	33.19 -0.55 -0.43	30.79 -0.36 -0.32	29.56 -0.11 -0.17
VALLEY44_115KV_TB2 355964	22.95 0.90 0.00	22.83 0.95 0.00	20.92 0.65 0.00	20.75 0.65 0.00	23.40 0.90 0.00	30.21 1.34 0.00	33.15 1.51 0.00	31.99 1.12 0.00	33.22 0.82 0.00	33.49 0.43 0.00	33.77 0.56 0.00	39.83 0.51 0.00	33.83 0.26 0.00	37.30 0.27 0.00	41.97 -0.18 -0.50	47.28 0.04 0.00	42.15 0.06 0.00	39.25 0.89 0.00	36.49 0.58 0.00	38.04 0.05 0.00	38.74 0.18 0.00	33.77 0.46 0.00	31.56 0.73 0.00	30.10 0.60 0.00
VALLEY___115KV_TB 1-4 80826	22.07 0.02 0.00	21.86 -0.02 0.00	20.29 0.03 0.00	20.11 0.01 0.00	22.52 0.02 0.00	28.93 0.06 0.00	31.90 0.25 0.00	31.32 0.44 0.00	33.00 0.61 0.00	33.82 0.76 0.00	34.01 0.80 0.00	40.22 0.91 0.00	34.31 0.74 0.00	37.83 0.80 0.00	42.66 1.01 0.00	48.14 0.90 0.00	43.03 0.94 0.00	39.42 1.07 0.00	36.90 1.00 0.00	39.05 1.07 0.00	39.54 0.97 0.00	33.98 0.67 0.00	31.34 0.51 0.00	29.99 0.49 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	22.67 0.62 0.00	22.49 0.61 0.00	20.88 0.62 0.00	20.69 0.59 0.00	23.18 0.69 0.00	29.77 0.90 0.00	32.70 1.04 -0.02	31.96 1.01 -0.09	33.84 0.99 -0.45	34.59 1.06 -0.47	34.81 1.13 -0.47	41.62 1.42 -0.89	35.34 1.22 -0.56	39.00 1.33 -0.64	45.12 1.40 -2.07	49.88 1.66 -0.98	44.43 1.54 -0.80	40.75 1.73 -0.67	38.11 1.62 -0.59	40.14 1.50 -0.66	40.69 1.45 -0.68	35.03 1.21 -0.51	32.28 1.06 -0.40	30.66 0.96 -0.19
VISCHER___FERRY HYD 24020	17.16 0.47 5.36	22.33 0.45 0.00	20.75 0.48 0.00	20.58 0.48 0.00	23.02 0.53 0.00	29.19 0.63 0.31	31.96 0.86 0.55	33.93 1.20 -1.86	61.23 1.35 -27.48	63.67 1.49 -29.12	34.53 1.33 0.00	39.33 1.52 1.50	34.48 1.27 0.36	38.44 1.51 0.11	50.46 1.97 -6.83	49.28 2.05 0.00	44.01 1.92 0.00	40.12 1.77 0.00	37.47 1.56 0.00	39.67 1.69 0.00	40.15 1.58 0.00	34.24 1.08 0.16	31.55 0.96 0.23	30.55 1.04 0.00
V_A_10_SYNC_DSASP 323832	22.84 0.79 0.00	22.61 0.73 0.00	20.69 0.42 0.00	20.55 0.45 0.00	23.17 0.67 0.00	29.95 1.08 0.00	32.57 0.92 0.00	31.17 0.37 0.08	31.85 -0.06 0.49	32.08 -0.48 0.50	32.39 -0.33 0.49	38.26 -0.37 0.69	32.62 -0.45 0.51	35.84 -0.57 0.62	40.08 -1.18 0.39	45.19 -1.07 0.97	40.42 -0.88 0.79	37.70 0.02 0.67	35.27 -0.05 0.59	36.81 -0.52 0.65	37.47 -0.42 0.67	32.71 -0.12 0.48	30.66 0.20 0.36	29.30 -0.02 0.19
V_CMM_10_SYNC_DSASP 323787	21.83 -0.22 0.00	21.66 -0.21 0.00	20.04 -0.23 0.00	19.89 -0.21 0.00	22.21 -0.28 0.00	28.49 -0.38 0.00	31.15 -0.50 0.00	30.37 -0.51 0.00	32.05 -0.34 0.00	32.67 -0.39 0.00	32.74 -0.47 0.00	38.73 -0.59 0.00	33.01 -0.56 0.00	36.40 -0.63 0.00	40.95 -0.70 0.00	46.52 -0.72 0.00	41.39 -0.70 0.00	37.39 -0.96 0.00	35.11 -0.80 0.00	37.39 -0.60 0.00	38.10 -0.46 0.00	33.01 -0.29 0.00	30.60 -0.22 0.00	29.29 -0.21 0.00
V_CMP_10_SYNC_DSASP 323788	22.70 0.65 0.00	22.55 0.67 0.00	20.84 0.58 0.00	20.65 0.55 0.00	22.98 0.48 0.00	29.47 0.60 0.00	32.41 0.76 0.00	32.12 1.25 0.00	33.84 1.44 0.00	34.25 1.19 0.00	34.24 1.02 0.00	40.18 0.87 0.00	34.23 0.66 0.00	37.73 0.70 0.00	42.52 0.87 0.00	48.12 0.88 0.00	42.97 0.88 0.00	38.88 0.53 0.00	36.48 0.57 0.00	39.12 1.13 0.00	39.91 1.36 0.00	34.32 1.01 0.00	31.84 1.01 0.00	30.53 1.02 0.00
V_E_10_SYNC_DSASP 323830	23.93 1.88 0.00	23.69 1.81 0.00	21.87 1.60 0.00	21.70 1.59 0.00	24.35 1.86 0.00	31.47 2.60 0.00	34.86 3.21 0.00	34.05 3.04 -0.13	36.28 3.03 -0.85	36.94 2.99 -0.89	37.27 3.16 -0.90	44.53 3.86 -1.35	37.66 3.10 -0.99	41.56 3.31 -1.22	47.21 3.15 -2.41	52.86 3.73 -1.90	47.21 3.56 -1.55	43.81 4.16 -1.30	41.17 4.12 -1.15	43.38 4.11 -1.28	43.99 4.11 -1.32	37.52 3.26 -0.95	34.39 2.85 -0.71	32.36 2.48 -0.38
V_F_30_NSYNC___DSASP 323816	18.51 0.82 4.36	22.67 0.80 0.00	21.06 0.80 0.00	20.87 0.77 0.00	23.37 0.88 0.00	29.76 1.14 0.25	32.70 1.50 0.45	33.40 1.78 -0.75	46.07 1.92 -11.76	47.60 2.07 -12.46	35.17 1.96 0.00	40.35 2.27 1.23	35.17 1.90 0.29	39.08 2.14 0.09	51.09 2.54 -6.90	49.98 2.74 0.00	44.66 2.56 0.00	40.79 2.44 0.00	38.11 2.20 0.00	40.26 2.27 0.00	40.75 2.19 0.00	34.80 1.61 0.13	32.05 1.41 0.19	30.97 1.47 0.00

V_F_30_SYNC_DSASP 323786	18.33 0.22 3.94	22.09 0.21 0.00	20.53 0.27 0.00	20.35 0.24 0.00	22.77 0.27 0.00	28.98 0.33 0.22	31.76 0.52 0.40	30.61 0.72 0.99	20.73 0.80 12.47	20.81 0.97 13.22	34.15 0.94 0.00	39.34 1.15 1.12	34.30 1.00 0.27	38.16 1.21 0.08	50.05 1.59 -6.81	48.89 1.66 0.00	43.65 1.55 0.00	39.81 1.46 0.00	37.18 1.28 0.00	39.30 1.32 0.00	39.73 1.17 0.00	33.98 0.78 0.12	31.31 0.65 0.17	30.20 0.70 0.00
V_XM_10_SYNC_DSASP 323789	22.70 0.65 0.00	22.55 0.67 0.00	20.84 0.58 0.00	20.65 0.55 0.00	22.98 0.48 0.00	29.47 0.60 0.00	32.41 0.76 0.00	32.12 1.25 0.00	33.84 1.44 0.00	34.25 1.19 0.00	34.24 1.02 0.00	40.18 0.87 0.00	34.23 0.66 0.00	37.73 0.70 0.00	42.52 0.87 0.00	48.12 0.88 0.00	42.97 0.88 0.00	38.88 0.53 0.00	36.48 0.57 0.00	39.12 1.13 0.00	39.91 1.36 0.00	34.32 1.01 0.00	31.84 1.01 0.00	30.53 1.02 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	25.91 0.74 -3.11	22.62 0.74 0.00	21.02 0.75 0.00	20.80 0.70 0.00	23.31 0.82 0.00	30.07 1.03 -0.18	33.34 1.38 -0.31	32.42 1.49 -0.06	33.88 1.49 0.00	34.75 1.69 0.00	35.06 1.85 0.00	42.43 2.32 -0.80	35.89 2.13 -0.19	39.44 2.36 -0.06	49.44 2.80 -4.99	50.53 3.30 0.00	45.05 2.96 0.00	41.16 2.81 0.00	38.42 2.51 0.00	40.16 2.17 0.00	40.55 2.00 0.00	35.21 1.82 -0.08	32.53 1.58 -0.12	31.10 1.60 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	26.35 0.88 -3.42	22.75 0.88 0.00	21.16 0.90 0.00	20.94 0.84 0.00	23.47 0.97 0.00	30.27 1.21 -0.20	33.56 1.57 -0.34	32.64 1.70 -0.07	34.13 1.73 0.00	35.10 2.04 0.00	35.40 2.19 0.00	42.87 2.68 -0.87	36.24 2.47 -0.21	39.76 2.67 -0.06	50.05 3.10 -5.30	50.86 3.63 0.00	45.32 3.23 0.00	41.38 3.04 0.00	38.62 2.72 0.00	40.32 2.34 0.00	40.76 2.20 0.00	35.54 2.13 -0.09	32.86 1.90 -0.13	31.40 1.90 0.00
W50THST__13_KV_LOAD 356117	26.47 1.00 -3.42	22.86 0.99 0.00	21.26 0.99 0.00	21.04 0.94 0.00	23.58 1.09 0.00	30.44 1.37 -0.20	33.78 1.79 -0.34	32.88 1.94 -0.07	34.38 1.98 0.00	35.35 2.29 0.00	35.69 2.48 0.00	43.22 3.03 -0.87	36.54 2.76 -0.21	40.08 2.99 -0.06	50.40 3.45 -5.30	51.28 4.04 0.00	45.69 3.60 0.00	41.72 3.37 0.00	38.93 3.02 0.00	40.62 2.63 0.00	41.05 2.49 0.00	35.79 2.39 -0.09	33.10 2.13 -0.13	31.60 2.10 0.00
WADING RIVER_IC_1 23522	27.12 1.65 -3.42	23.49 1.62 0.00	21.88 1.61 0.00	21.66 1.56 0.00	24.29 1.80 0.00	31.41 2.34 -0.20	34.73 2.74 -0.34	33.86 2.92 -0.07	35.33 2.94 0.00	36.36 3.29 0.00	37.49 3.63 -0.65	44.28 4.08 -0.88	37.60 3.81 -0.22	211.29 4.21 -170.04	90.12 4.82 -43.65	52.95 5.70 -0.02	47.62 4.90 -0.62	43.23 4.81 -0.07	40.46 4.30 -0.25	41.88 3.90 0.00	42.36 3.80 0.00	36.79 3.39 -0.09	33.78 2.82 -0.13	32.13 2.63 0.00
WADING RIVER_IC_2 23547	27.12 1.65 -3.42	23.49 1.62 0.00	21.88 1.61 0.00	21.66 1.56 0.00	24.29 1.80 0.00	31.41 2.34 -0.20	34.73 2.74 -0.34	33.86 2.92 -0.07	35.33 2.94 0.00	36.36 3.29 0.00	37.49 3.63 -0.65	44.28 4.08 -0.88	37.60 3.81 -0.22	211.29 4.21 -170.04	90.12 4.82 -43.65	52.95 5.70 -0.02	47.62 4.90 -0.62	43.23 4.81 -0.07	40.46 4.30 -0.25	41.88 3.90 0.00	42.36 3.80 0.00	36.79 3.39 -0.09	33.78 2.82 -0.13	32.13 2.63 0.00
WADING RIVER_IC_3 23601	27.12 1.65 -3.42	23.49 1.62 0.00	21.88 1.61 0.00	21.66 1.56 0.00	24.29 1.80 0.00	31.41 2.34 -0.20	34.73 2.74 -0.34	33.86 2.92 -0.07	35.33 2.94 0.00	36.36 3.29 0.00	37.49 3.63 -0.65	44.28 4.08 -0.88	37.60 3.81 -0.22	211.29 4.21 -170.04	90.12 4.82 -43.65	52.95 5.70 -0.02	47.62 4.90 -0.62	43.23 4.81 -0.07	40.46 4.30 -0.25	41.88 3.90 0.00	42.36 3.80 0.00	36.79 3.39 -0.09	33.78 2.82 -0.13	32.13 2.63 0.00
WALDENNY_12_KV_BK2 80841	23.17 1.12 0.00	22.90 1.03 0.00	20.90 0.63 0.00	20.77 0.66 0.00	23.43 0.93 0.00	30.32 1.45 0.00	33.01 1.36 0.00	31.68 0.81 0.00	32.78 0.39 0.00	33.01 -0.05 0.00	33.35 0.14 0.00	39.58 0.26 0.00	33.65 0.08 0.00	37.06 0.04 0.00	41.54 -0.57 -0.46	46.94 -0.30 0.00	41.89 -0.21 0.00	39.06 0.71 0.00	36.44 0.53 0.00	38.02 0.03 0.00	38.76 0.19 0.00	33.73 0.42 0.00	31.55 0.72 0.00	29.89 0.38 0.00
WALDEN__HYDRO 24148	25.40 0.80 -2.54	22.66 0.79 0.00	21.05 0.78 0.00	20.84 0.73 0.00	23.34 0.84 0.00	30.09 1.07 -0.15	33.31 1.40 -0.25	32.46 1.54 -0.05	33.95 1.56 0.00	34.77 1.71 0.00	35.04 1.83 0.00	42.23 2.27 -0.64	35.73 2.01 -0.15	39.37 2.30 -0.05	49.48 2.79 -5.03	50.61 3.37 0.00	45.12 3.02 0.00	41.25 2.90 0.00	38.49 2.58 0.00	40.38 2.40 0.00	40.79 2.23 0.00	35.32 1.95 -0.07	32.59 1.67 -0.10	31.13 1.62 0.00
WARRENSBURG____ 23737	18.50 0.61 4.16	22.43 0.56 0.00	20.82 0.55 0.00	20.65 0.55 0.00	23.13 0.64 0.00	29.54 0.91 0.24	32.66 1.43 0.43	33.27 1.82 -0.58	43.75 1.98 -9.37	45.16 2.17 -9.93	35.25 2.04 0.00	40.43 2.29 1.18	35.07 1.79 0.28	38.95 2.01 0.08	50.79 2.23 -6.91	49.51 2.28 0.00	44.26 2.16 0.00	40.43 2.08 0.00	37.75 1.85 0.00	39.87 1.88 0.00	40.37 1.81 0.00	34.54 1.35 0.12	31.74 1.09 0.18	30.81 1.31 0.00
WATERSIDE____6 8 9 23538	26.35 0.87 -3.42	22.75 0.88 0.00	21.15 0.88 0.00	20.93 0.83 0.00	23.44 0.95 0.00	30.23 1.16 -0.20	33.51 1.52 -0.34	32.57 1.63 -0.07	34.00 1.60 0.00	34.93 1.87 0.00	35.21 2.00 0.00	42.60 2.41 -0.87	36.05 2.28 -0.20	39.52 2.43 -0.06	49.69 2.79 -5.25	43.61 3.27 6.89	-7.98 2.92 53.00	40.87 2.76 0.23	38.45 2.55 0.00	40.11 2.12 0.00	40.56 2.01 0.00	35.42 2.02 -0.09	32.76 1.80 -0.13	31.29 1.78 0.00
WATKINRD_115KV_LN8_ILLION 55919	22.04 -0.01 0.00	21.84 -0.03 0.00	20.27 0.00 0.00	20.09 -0.01 0.00	22.49 0.00 0.00	28.88 0.01 0.00	31.79 0.14 0.00	31.15 0.28 0.00	32.79 0.39 0.00	33.57 0.51 0.00	33.75 0.54 0.00	39.92 0.61 0.00	34.08 0.51 0.00	37.58 0.55 0.00	42.37 0.72 0.00	47.87 0.64 0.00	42.77 0.67 0.00	39.14 0.79 0.00	36.65 0.75 0.00	38.78 0.79 0.00	39.26 0.70 0.00	33.79 0.47 0.00	31.17 0.35 0.00	29.84 0.33 0.00
WATSON__69_KV_BK 1 55734	27.07 1.60 -3.42	23.46 1.59 0.00	21.83 1.56 0.00	21.61 1.51 0.00	24.25 1.75 0.00	31.33 2.26 -0.20	34.63 2.64 -0.34	33.73 2.80 -0.07	35.26 2.86 0.00	36.21 3.15 0.00	36.96 3.42 -0.33	43.98 3.79 -0.88	37.46 3.67 -0.21	157.47 4.11 -116.33	70.85 4.60 -24.60	52.59 5.35 -0.01	47.03 4.63 -0.32	43.03 4.64 -0.04	40.19 4.16 -0.13	41.70 3.72 0.00	42.21 3.65 0.00	36.79 3.39 -0.09	33.81 2.85 -0.13	32.15 2.64 0.00
WDELAWARE__HYD 323627	24.14 0.45 -1.64	22.32 0.44 0.00	20.73 0.46 0.00	20.51 0.41 0.00	22.98 0.49 0.00	29.58 0.61 -0.09	32.72 0.91 -0.16	32.00 1.10 -0.03	33.51 1.11 0.00	34.33 1.26 0.00	34.57 1.36 0.00	41.27 1.54 -0.41	35.22 1.55 -0.10	38.63 1.57 -0.03	48.01 2.00 -4.36	49.87 2.64 0.00	44.42 2.33 0.00	40.62 2.27 0.00	37.92 2.02 0.00	39.81 1.82 0.00	40.23 1.66 0.00	34.81 1.46 -0.04	32.10 1.21 -0.06	30.66 1.15 0.00

WEST BABYLON___IC 23714	26.97 1.49 -3.42	23.36 1.48 0.00	21.73 1.46 0.00	21.51 1.41 0.00	24.12 1.63 0.00	31.13 2.07 -0.20	34.36 2.37 -0.34	33.47 2.53 -0.07	34.97 2.58 0.00	35.90 2.84 0.00	36.36 3.07 -0.08	43.63 3.44 -0.87	37.16 3.38 -0.21	77.86 3.78 -37.05	55.81 4.21 -9.95	52.19 4.95 0.00	46.46 4.29 -0.07	42.67 4.31 -0.01	39.80 3.87 -0.03	41.44 3.45 0.00	41.94 3.38 0.00	36.60 3.20 -0.09	33.68 2.72 -0.13	32.04 2.53 0.00
WEST CANADA___HYD 24049	22.08 0.03 0.00	21.90 0.02 0.00	20.30 0.04 0.00	20.14 0.04 0.00	22.54 0.05 0.00	28.93 0.06 0.00	31.73 0.08 0.00	31.00 0.13 0.00	32.58 0.18 0.00	33.28 0.21 0.00	33.45 0.23 0.00	39.59 0.28 0.00	33.81 0.24 0.00	37.29 0.26 0.00	41.92 0.27 0.00	47.50 0.26 0.00	42.35 0.26 0.00	38.67 0.33 0.00	36.22 0.32 0.00	38.29 0.30 0.00	38.83 0.28 0.00	33.55 0.24 0.00	31.02 0.19 0.00	29.68 0.18 0.00
WESTERN_NY_WIND 24143	23.50 1.45 0.00	23.22 1.35 0.00	21.22 0.95 0.00	21.09 0.98 0.00	23.79 1.30 0.00	30.82 1.95 0.00	33.63 1.98 0.00	32.29 1.42 0.00	33.39 0.99 0.00	33.54 0.48 0.00	33.82 0.61 0.00	40.19 0.88 0.00	34.03 0.47 0.00	37.57 0.54 0.00	42.05 -0.01 -0.41	47.57 0.33 0.00	42.32 0.23 0.00	39.61 1.26 0.00	37.22 1.31 0.00	38.96 0.97 0.00	39.65 1.09 0.00	34.40 1.10 0.00	32.07 1.24 0.00	30.37 0.87 0.00
WESTOVER___LESR 323668	22.51 0.47 0.00	22.35 0.48 0.00	20.63 0.37 0.00	20.46 0.36 0.00	22.94 0.44 0.00	29.50 0.63 0.00	32.45 0.80 0.00	31.71 0.71 -0.13	33.79 0.56 -0.83	34.37 0.45 -0.86	34.56 0.49 -0.85	41.20 0.65 -1.23	35.00 0.53 -0.90	38.69 0.56 -1.10	44.37 0.46 -2.25	49.61 0.65 -1.73	44.06 0.56 -1.41	40.43 0.90 -1.18	37.64 0.70 -1.04	39.61 0.46 -1.16	40.28 0.52 -1.20	34.62 0.45 -0.86	31.92 0.44 -0.65	30.14 0.29 -0.34
WETHRSFD_WT_PWR 323626	22.96 0.91 0.00	22.75 0.88 0.00	20.81 0.54 0.00	20.66 0.56 0.00	23.28 0.79 0.00	30.09 1.22 0.00	32.87 1.23 0.00	31.67 0.79 0.00	32.79 0.39 0.00	33.03 -0.03 0.00	33.34 0.13 0.00	39.52 0.20 0.00	33.65 0.08 0.00	37.07 0.05 0.00	41.66 -0.51 -0.52	46.94 -0.29 0.00	41.84 -0.25 0.00	38.90 0.55 0.00	36.29 0.39 0.00	37.95 -0.04 0.00	38.68 0.12 0.00	33.65 0.34 0.00	31.40 0.57 0.00	29.79 0.29 0.00
WHAVSTOR_138KV_BK127 55557	25.82 0.65 -3.12	22.53 0.65 0.00	20.94 0.67 0.00	20.73 0.62 0.00	23.22 0.73 0.00	29.96 0.90 -0.18	33.19 1.23 -0.31	32.26 1.33 -0.06	33.71 1.32 0.00	34.58 1.52 0.00	34.88 1.67 0.00	42.20 2.09 -0.80	35.70 1.94 -0.19	39.21 2.13 -0.06	49.19 2.55 -4.99	50.23 3.00 0.00	44.78 2.68 0.00	40.90 2.55 0.00	38.19 2.28 0.00	39.93 1.94 0.00	40.33 1.77 0.00	35.02 1.63 -0.08	32.38 1.43 -0.12	30.96 1.45 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	25.82 0.65 -3.12	22.53 0.65 0.00	20.94 0.67 0.00	20.73 0.62 0.00	23.22 0.73 0.00	29.96 0.90 -0.18	33.19 1.23 -0.31	32.26 1.33 -0.06	33.71 1.32 0.00	34.58 1.52 0.00	34.88 1.67 0.00	42.20 2.09 -0.80	35.70 1.94 -0.19	39.21 2.13 -0.06	49.19 2.55 -4.99	50.23 3.00 0.00	44.78 2.68 0.00	40.90 2.55 0.00	38.19 2.28 0.00	39.93 1.94 0.00	40.33 1.77 0.00	35.02 1.63 -0.08	32.38 1.43 -0.12	30.96 1.45 0.00
WHITEHAL_115KV_TB1 80871	18.73 0.93 4.24	22.66 0.79 0.00	21.00 0.74 0.00	20.91 0.81 0.00	23.45 0.95 0.00	30.12 1.49 0.24	33.59 2.37 0.44	34.43 2.91 -0.65	46.03 3.27 -10.36	47.52 3.48 -10.98	36.49 3.28 0.00	41.63 3.52 1.20	36.26 2.98 0.28	40.30 3.35 0.08	52.42 3.86 -6.90	51.31 4.07 0.00	45.91 3.82 0.00	41.90 3.55 0.00	38.97 3.06 0.00	41.01 3.02 0.00	41.73 3.17 0.00	35.19 2.01 0.13	32.26 1.62 0.18	31.25 1.75 0.00
WHITEPLN_13_KV_LOAD 356215	26.47 1.01 -3.41	22.88 1.00 0.00	21.25 0.98 0.00	21.04 0.93 0.00	23.57 1.08 0.00	30.43 1.36 -0.20	33.75 1.76 -0.34	32.85 1.91 -0.07	34.35 1.95 0.00	35.28 2.22 0.00	35.59 2.37 0.00	43.10 2.91 -0.87	36.44 2.66 -0.20	40.04 2.95 -0.06	50.40 3.47 -5.28	51.28 4.05 0.00	45.73 3.63 0.00	41.77 3.42 0.00	38.94 3.03 0.00	40.72 2.73 0.00	41.11 2.54 0.00	35.70 2.29 -0.09	32.97 2.01 -0.13	31.47 1.97 0.00
WM_FLOYD_69_KV_BK2 356380	27.01 1.54 -3.42	23.39 1.52 0.00	21.79 1.53 0.00	21.57 1.47 0.00	24.19 1.70 0.00	31.27 2.20 -0.20	34.58 2.59 -0.34	33.71 2.77 -0.07	35.17 2.77 0.00	36.15 3.09 0.00	37.29 3.42 -0.66	43.97 3.78 -0.88	37.34 3.55 -0.22	211.37 3.96 -170.38	90.54 4.52 -44.36	52.60 5.34 -0.02	47.35 4.62 -0.63	43.03 4.60 -0.07	40.29 4.12 -0.26	41.69 3.70 0.00	42.14 3.58 0.00	36.60 3.20 -0.09	33.62 2.66 -0.13	31.98 2.48 0.00
WOODARD___115KV_TB2 355635	22.15 0.10 0.00	21.96 0.08 0.00	20.30 0.04 0.00	20.13 0.03 0.00	22.56 0.07 0.00	29.01 0.14 0.00	31.77 0.12 0.00	31.05 -0.05 -0.23	33.67 -0.19 -1.46	34.27 -0.31 -1.51	34.41 -0.30 -1.49	41.08 -0.35 -2.11	34.82 -0.30 -1.55	38.58 -0.35 -1.90	43.83 -0.50 -2.68	49.71 -0.49 -2.97	44.13 -0.39 -2.42	40.25 -0.13 -2.03	37.51 -0.19 -1.80	39.64 -0.35 -2.00	40.25 -0.38 -2.07	34.42 -0.37 -1.49	31.61 -0.33 -1.12	29.72 -0.37 -0.58
YORK___WARBASSE 23770	26.45 0.97 -3.42	22.84 0.97 0.00	21.23 0.97 0.00	21.01 0.91 0.00	23.52 1.03 0.00	30.35 1.28 -0.20	33.66 1.67 -0.34	32.63 1.69 -0.07	34.08 1.69 0.00	35.05 1.99 0.00	35.36 2.15 0.00	42.80 2.62 -0.87	36.31 2.47 -0.27	39.74 2.65 -0.06	50.33 3.02 -5.66	97.05 3.53 -46.28	401.30 3.17 -356.04	42.91 2.99 -1.58	38.66 2.75 0.00	40.30 2.31 0.00	40.78 2.21 -0.01	35.60 2.18 -0.10	32.94 1.97 -0.14	31.45 1.95 0.00