

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

10/10/2023

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	22.81	22.91	19.04	19.50	18.46	18.65	31.03	343.47	36.72	71.50	38.77	34.19	42.63	31.44	30.03	29.51	51.13	39.67	42.89	48.38	33.30	30.30	27.06	23.64
24138	1.32	1.27	1.05	1.04	1.11	1.21	2.37	26.45	2.47	1.89	3.05	2.77	3.21	2.31	2.35	2.43	1.72	2.48	3.16	3.74	2.43	1.90	1.99	1.47
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.12	-5.13	-47.65	0.00	0.00	0.00	0.00	0.00	-0.47	-29.61	-8.24	-1.22	0.00	-0.32	-4.13	0.00	0.00
74TH STREET_GT_1	22.76	22.87	19.01	19.48	18.43	18.62	30.92	342.32	36.62	71.41	38.65	34.08	42.51	31.37	29.96	29.44	51.09	39.64	42.85	48.33	33.31	30.28	27.03	23.61
24260	1.27	1.23	1.02	1.01	1.08	1.18	2.27	25.29	2.37	1.81	2.93	2.66	3.10	2.24	2.29	2.36	1.68	2.45	3.11	3.69	2.44	1.88	1.96	1.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.12	-5.13	-47.64	0.00	0.00	0.00	0.00	0.00	-0.47	-29.61	-8.24	-1.22	0.00	-0.32	-4.13	0.00	0.00
74TH STREET_GT_2	22.76	22.87	19.01	19.48	18.43	18.62	30.92	342.32	36.62	71.41	38.65	34.08	42.51	31.37	29.96	29.44	51.09	39.64	42.85	48.33	33.31	30.28	27.03	23.61
24261	1.27	1.23	1.02	1.01	1.08	1.18	2.27	25.29	2.37	1.81	2.93	2.66	3.10	2.24	2.29	2.36	1.68	2.45	3.11	3.69	2.44	1.88	1.96	1.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.12	-5.13	-47.64	0.00	0.00	0.00	0.00	0.00	-0.47	-29.61	-8.24	-1.22	0.00	-0.32	-4.13	0.00	0.00
ADK HUDSON___FALLS	22.56	22.67	18.86	19.33	18.28	18.49	30.49	341.13	37.88	40.34	37.86	33.14	41.68	30.78	29.40	29.04	59.87	41.99	43.26	48.28	33.35	31.41	26.67	23.22
24011	1.07	1.03	0.86	0.86	0.93	1.06	1.84	24.12	2.06	1.45	2.14	1.72	2.27	1.65	1.72	1.82	1.46	2.29	3.16	3.64	2.38	1.75	1.60	1.05
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11	-6.69	-16.93	0.00	0.00	0.00	0.00	0.00	-0.61	-38.61	-10.75	-1.59	0.00	-0.42	-5.39	0.00	0.00
ADK RESOURCE___RCVRY	22.68	22.80	18.97	19.43	18.39	18.62	30.64	343.90	38.09	40.42	38.00	33.24	41.82	30.87	29.55	29.22	60.03	42.25	43.64	48.70	33.60	31.59	26.82	23.27
23798	1.19	1.16	0.97	0.97	1.04	1.18	1.98	26.89	2.27	1.55	2.28	1.82	2.40	1.73	1.87	2.00	1.61	2.55	3.54	4.06	2.62	1.93	1.75	1.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11	-6.70	-16.91	0.00	0.00	0.00	0.00	0.00	-0.61	-38.63	-10.75	-1.59	0.00	-0.42	-5.39	0.00	0.00
ADK S GLENS___FALLS	22.56	22.67	18.86	19.33	18.28	18.49	30.49	341.13	37.88	40.34	37.86	33.14	41.68	30.78	29.40	29.04	59.87	41.99	43.26	48.28	33.35	31.41	26.67	23.22
24028	1.07	1.03	0.86	0.86	0.93	1.06	1.84	24.12	2.06	1.45	2.14	1.72	2.27	1.65	1.72	1.82	1.46	2.29	3.16	3.64	2.38	1.75	1.60	1.05
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11	-6.69	-16.93	0.00	0.00	0.00	0.00	0.00	-0.61	-38.61	-10.75	-1.59	0.00	-0.42	-5.39	0.00	0.00
ADK_NYS___DAM	22.44	22.62	18.80	19.27	18.29	18.44	30.04	335.23	37.22	42.96	37.49	32.95	41.44	30.48	29.04	28.70	58.05	41.00	42.31	47.27	32.93	30.91	26.43	23.22
23527	0.95	0.98	0.80	0.80	0.94	1.01	1.38	18.22	1.66	1.17	1.76	1.52	2.02	1.35	1.37	1.50	1.11	1.71	2.27	2.63	1.97	1.45	1.36	1.06
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11	-6.44	-19.82	0.00	0.00	0.00	0.00	0.00	-0.59	-37.14	-10.34	-1.53	0.00	-0.40	-5.18	0.00	0.00
AIR_PRODUCTS___DRP	21.59	21.72	18.06	18.50	17.52	17.63	29.12	324.41	36.20	39.91	36.23	31.84	39.86	29.46	28.11	27.75	57.85	40.12	40.97	45.69	31.64	29.98	25.48	22.33
24190	0.10	0.07	0.07	0.03	0.17	0.19	0.46	7.40	0.56	0.39	0.50	0.42	0.45	0.32	0.43	0.54	0.44	0.70	0.90	1.05	0.68	0.47	0.40	0.17
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11	-6.52	-17.56	0.00	0.00	0.00	0.00	0.00	-0.59	-37.61	-10.47	-1.55	0.00	-0.41	-5.24	0.00	0.00
AKWESSNE_115KV_BK	21.49	21.61	18.01	18.50	17.26	17.33	28.37	312.13	28.69	21.66	35.35	31.05	38.99	28.85	27.47	26.42	19.62	28.70	38.16	44.13	30.25	24.05	24.84	22.03
355683	0.00	-0.02	0.01	0.04	-0.08	-0.11	-0.29	-4.94	-0.44	-0.30	-0.38	-0.37	-0.43	-0.28	-0.20	-0.20	-0.17	-0.25	-0.36	-0.51	-0.30	-0.22	-0.23	-0.14
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.16	0.00	0.00	0.00	0.00	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	21.59	21.72	18.06	18.50	17.52	17.63	29.12	324.41	36.20	39.91	36.23	31.84	39.86	29.46	28.11	27.75	57.85	40.12	40.97	45.69	31.64	29.98	25.48	22.33
23571	0.10	0.07	0.07	0.03	0.17	0.19	0.46	7.40	0.56	0.39	0.50	0.42	0.45	0.32	0.43	0.54	0.44	0.70	0.90	1.05	0.68	0.47	0.40	0.17
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11	-6.52	-17.56	0.00	0.00	0.00	0.00	0.00	-0.59	-37.61	-10.47	-1.55	0.00	-0.41	-5.24	0.00	0.00
ALBANY___2	21.59	21.72	18.06	18.50	17.52	17.63	29.12	324.41	36.20	39.91	36.23	31.84	39.86	29.46	28.11	27.75	57.85	40.12	40.97	45.69	31.64	29.98	25.48	22.33
23572	0.10	0.07	0.07	0.03	0.17	0.19	0.46	7.40	0.56	0.39	0.50	0.42	0.45	0.32	0.43	0.54	0.44	0.70	0.90	1.05	0.68	0.47	0.40	0.17
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11	-6.52	-17.56	0.00	0.00	0.00	0.00	0.00	-0.59	-37.61	-10.47	-1.55	0.00	-0.41	-5.24	0.00	0.00
ALBANY___3	21.59	21.72	18.06	18.50	17.52	17.63	29.12	324.41	36.20	39.91	36.23	31.84	39.86	29.46	28.11	27.75	57.85	40.12	40.97	45.69	31.64	29.98	25.48	22.33
23573	0.10	0.07	0.07	0.03	0.17	0.19	0.46	7.40	0.56	0.39	0.50	0.42	0.45	0.32	0.43	0.54	0.44	0.70	0.90	1.05	0.68	0.47	0.40	0.17
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11	-6.52	-17.56	0.00	0.00	0.00	0.00	0.00	-0.59	-37.61	-10.47	-1.55	0.00	-0.41	-5.24	0.00	0.00

ALBANY___4 23574	21.59 0.10 0.00	21.72 0.07 0.00	18.06 0.07 0.00	18.50 0.03 0.00	17.52 0.17 0.00	17.63 0.19 0.00	29.12 0.46 0.00	324.41 7.40 -0.11	36.20 0.56 -6.52	39.91 0.39 -17.56	36.23 0.50 0.00	31.84 0.42 0.00	39.86 0.45 0.00	29.46 0.32 0.00	28.11 0.43 0.00	27.75 0.54 -0.59	57.85 0.44 -37.61	40.12 0.70 -10.47	40.97 0.90 -1.55	45.69 1.05 0.00	31.64 0.68 -0.41	29.98 0.47 -5.24	25.48 0.40 0.00	22.33 0.17 0.00
ALBANY___LFGE 323615	21.78 0.30 0.00	21.91 0.27 0.00	18.23 0.23 0.00	18.67 0.20 0.00	17.67 0.33 0.00	17.80 0.36 0.00	29.41 0.75 0.00	327.65 10.64 -0.11	36.55 0.86 -6.56	40.09 0.60 -17.53	36.60 0.87 0.00	32.16 0.73 0.00	40.27 0.86 0.00	29.77 0.64 0.00	28.41 0.73 0.00	28.03 0.82 -0.60	58.30 0.65 -37.85	40.51 1.02 -10.54	41.41 1.33 -1.56	46.19 1.55 0.00	31.97 1.00 -0.41	30.27 0.72 -5.28	25.73 0.66 0.00	22.54 0.38 0.00
ALCOA_PA_115KV_PL-6C 55860	21.61 0.12 0.00	21.73 0.09 0.00	18.10 0.10 0.00	18.60 0.13 0.00	17.35 0.00 0.00	17.40 -0.04 0.00	28.45 -0.20 0.00	314.03 -3.11 -0.22	28.86 -0.27 0.00	21.76 -0.20 0.00	35.49 -0.24 0.00	31.20 -0.23 0.00	39.15 -0.27 0.00	28.97 -0.16 0.00	27.58 -0.10 0.00	26.53 -0.09 0.00	19.70 -0.09 0.00	28.86 -0.09 0.00	38.39 -0.13 0.00	44.39 -0.25 0.00	30.43 -0.12 0.00	24.18 -0.09 0.00	24.96 -0.11 0.00	22.14 -0.02 0.00
ALCOA_RYNLDS___DRP 24188	21.61 0.12 0.00	21.73 0.09 0.00	18.10 0.10 0.00	18.60 0.13 0.00	17.35 0.00 0.00	17.40 -0.04 0.00	28.45 -0.20 0.00	314.03 -3.11 -0.22	28.86 -0.27 0.00	21.76 -0.20 0.00	35.49 -0.24 0.00	31.20 -0.23 0.00	39.15 -0.27 0.00	28.97 -0.16 0.00	27.58 -0.10 0.00	26.53 -0.09 0.00	19.70 -0.09 0.00	28.86 -0.09 0.00	38.39 -0.13 0.00	44.39 -0.25 0.00	30.43 -0.12 0.00	24.18 -0.09 0.00	24.96 -0.11 0.00	22.14 -0.02 0.00
ALCOA___DSASP 323711	21.62 0.12 0.00	21.73 0.09 0.00	18.10 0.10 0.00	18.60 0.13 0.00	17.35 0.00 0.00	17.40 -0.04 0.00	28.46 -0.20 0.00	314.02 -3.11 -0.22	28.86 -0.27 0.00	21.77 -0.20 0.00	35.49 -0.23 0.00	31.20 -0.23 0.00	39.15 -0.27 0.00	28.97 -0.16 0.00	27.58 -0.10 0.00	26.53 -0.09 0.00	19.70 -0.09 0.00	28.86 -0.09 0.00	38.39 -0.13 0.00	44.39 -0.25 0.00	30.43 -0.12 0.00	24.18 -0.09 0.00	24.96 -0.11 0.00	22.14 -0.02 0.00
ALLEGHENY___COGEN 23514	21.53 0.04 0.00	21.85 0.21 0.00	18.09 0.09 0.00	18.69 0.22 0.00	17.61 0.27 0.00	17.75 0.31 0.00	34.50 0.74 -5.11	329.66 9.75 -3.01	62.71 0.75 -32.83	41.24 0.57 -18.70	39.50 1.05 -2.72	33.66 0.57 -1.67	43.84 1.03 -3.39	31.83 0.79 -1.91	28.78 0.42 -0.69	26.80 0.16 -0.02	21.20 0.12 -1.28	29.75 0.45 -0.36	39.75 1.18 -0.05	46.36 1.72 0.00	31.43 0.87 -0.01	24.94 0.49 -0.18	25.59 0.52 0.00	22.74 0.58 0.00
ALTAMONT_115KV_TB 2 55880	21.94 0.45 0.00	22.07 0.43 0.00	18.36 0.36 0.00	18.81 0.35 0.00	17.80 0.45 0.00	17.92 0.48 0.00	29.58 0.92 0.00	328.71 11.69 -0.11	36.65 1.00 -6.53	39.88 0.72 -17.19	36.77 1.04 0.00	32.34 0.91 0.00	40.47 1.06 0.00	29.91 0.78 0.00	28.52 0.84 0.00	28.11 0.90 -0.59	58.18 0.70 -37.68	40.51 1.07 -10.49	41.47 1.40 -1.55	46.28 1.64 0.00	32.05 1.09 -0.41	30.35 0.83 -5.26	25.87 0.80 0.00	22.68 0.52 0.00
ALTONA_WT_PWR 323606	21.86 0.37 0.00	21.96 0.32 0.00	18.33 0.34 0.00	18.71 0.24 0.00	17.47 0.13 0.00	17.60 0.16 0.00	28.71 0.05 0.00	316.60 -0.49 -0.18	29.27 0.14 0.00	22.03 0.06 0.00	35.97 0.25 0.00	31.82 0.39 0.00	40.17 0.75 0.00	29.61 0.47 0.00	28.63 0.95 0.00	27.73 1.11 0.00	20.49 0.70 0.00	30.05 1.11 0.00	39.90 1.39 0.00	45.35 0.70 0.00	31.17 0.62 0.00	24.67 0.40 0.00	25.30 0.23 0.00	22.43 0.27 0.00
AMERICAN_REF_FUEL 24010	19.99 -1.50 0.00	20.36 -1.28 0.00	16.88 -1.11 0.00	17.55 -0.93 0.00	16.47 -0.88 0.00	16.58 -0.86 0.00	31.71 -1.49 -4.54	299.03 -20.90 -3.03	56.42 -1.94 -29.24	37.49 -1.11 -16.64	36.28 -1.88 -2.43	31.30 -1.60 -1.48	40.71 -1.72 -3.02	29.66 -1.17 -0.61	26.79 -1.50 -0.02	24.84 -1.80 -0.02	19.58 -1.38 -1.17	27.18 -2.10 -0.32	35.86 -2.70 -0.05	41.90 -2.74 0.00	28.57 -1.99 -0.01	22.80 -1.64 -0.16	23.73 -1.34 0.00	21.07 -1.09 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	20.66 -0.83 0.00	20.91 -0.74 0.00	17.30 -0.70 0.00	18.01 -0.46 0.00	16.94 -0.41 0.00	17.07 -0.37 0.00	33.31 -0.32 -4.97	316.23 -3.67 -3.00	60.78 -0.38 -32.04	40.04 -0.12 -18.19	38.04 -0.34 -2.65	32.84 -0.20 -1.62	42.89 0.17 -3.30	30.91 -0.08 -1.85	27.81 -0.53 -0.67	25.81 -0.83 -0.02	20.63 -0.47 -1.31	28.78 -0.54 -0.36	37.97 -0.60 -0.05	44.02 -0.62 0.00	29.83 -0.73 -0.01	23.66 -0.80 -0.18	24.62 -0.45 0.00	21.67 -0.49 0.00
ARTHUR_KILL_GT_1 23520	22.59 1.10 0.00	22.66 1.02 0.00	18.86 0.86 0.00	19.32 0.85 0.00	18.29 0.94 0.00	18.46 1.02 0.00	30.64 1.99 0.00	338.55 21.54 -0.11	35.07 2.06 -3.88	35.40 1.46 -11.98	34.11 2.59 4.20	33.85 2.43 0.00	41.18 2.72 0.95	31.11 1.98 0.00	29.79 2.10 -0.01	29.23 2.15 -0.47	50.01 1.50 -28.71	35.49 2.21 -4.34	42.55 2.83 -1.21	48.07 3.42 0.00	33.18 2.31 -0.32	30.27 1.86 -4.13	27.02 1.95 0.00	23.46 1.30 0.00
ARTHUR_KILL_2 23512	22.54 1.04 0.00	22.61 0.97 0.00	18.82 0.82 0.00	19.27 0.81 0.00	18.25 0.90 0.00	18.41 0.98 0.00	30.56 1.90 0.00	337.62 20.60 -0.11	34.99 1.98 -3.88	35.34 1.41 -11.98	34.02 2.50 4.20	33.78 2.36 0.00	41.07 2.61 0.95	31.04 1.91 0.00	29.72 2.03 -0.01	29.16 2.08 -0.47	49.96 1.45 -28.71	35.41 2.13 -4.34	42.44 2.71 -1.21	47.93 3.29 0.00	33.10 2.23 -0.32	30.20 1.80 -4.13	26.96 1.89 0.00	23.40 1.24 0.00
ARTHUR_KILL_3 23513	22.61 1.12 0.00	22.73 1.09 0.00	18.90 0.90 0.00	19.36 0.89 0.00	18.30 0.95 0.00	18.48 1.04 0.00	30.65 2.00 0.00	339.13 22.11 -0.12	36.00 2.07 -4.81	43.69 1.57 -20.15	37.13 2.48 1.07	33.70 2.28 0.00	41.52 2.62 0.51	31.03 1.90 0.00	29.65 1.97 0.00	29.13 2.05 -0.47	50.61 1.43 -29.38	38.27 2.07 -7.25	42.36 2.62 -1.22	47.83 3.18 0.00	32.93 2.06 -0.32	30.01 1.61 -4.13	26.80 1.73 0.00	23.42 1.26 0.00
ARTHUR_KILL_COGEN 323718	22.59 1.10 0.00	22.66 1.02 0.00	18.86 0.86 0.00	19.32 0.85 0.00	18.29 0.94 0.00	18.46 1.02 0.00	30.64 1.99 0.00	338.55 21.54 -0.11	35.07 2.06 -3.88	35.40 1.46 -11.98	34.11 2.59 4.20	33.85 2.43 0.00	41.18 2.72 0.95	31.11 1.98 0.00	29.79 2.10 -0.01	29.23 2.15 -0.47	50.01 1.50 -28.71	35.49 2.21 -4.34	42.55 2.83 -1.21	48.07 3.42 0.00	33.18 2.31 -0.32	30.27 1.86 -4.13	27.02 1.95 0.00	23.46 1.30 0.00
ASHOKAN____ 23654	22.25 0.76 0.00	22.36 0.72 0.00	18.59 0.60 0.00	19.05 0.58 0.00	18.06 0.71 0.00	18.21 0.78 0.00	30.25 1.59 0.00	339.21 22.19 -0.11	36.97 2.05 -5.80	33.60 1.38 -10.26	37.72 1.99 0.00	32.98 1.56 0.00	41.36 1.94 0.00	30.56 1.43 0.00	29.25 1.57 0.00	28.66 1.51 -0.53	54.42 1.17 -33.46	40.32 2.06 -9.32	42.88 2.99 -1.38	48.16 3.52 0.00	33.24 2.32 -0.36	30.70 1.76 -4.67	26.72 1.65 0.00	23.33 1.17 0.00

ASTORIA_EAST_ENERGY_CC1 323581	22.57 1.08 0.00	22.65 1.01 0.00	18.86 0.86 0.00	19.29 0.82 0.00	18.27 0.92 0.00	18.45 1.01 0.00	30.59 1.93 0.00	338.67 21.65 -0.12	36.29 2.03 -5.13	71.07 1.47 -47.64	38.44 2.71 0.00	33.85 2.42 -0.01	42.07 2.66 0.00	30.99 1.86 0.00	29.63 1.95 -0.01	29.13 2.04 -0.47	50.86 1.45 -29.61	39.33 2.14 -8.24	42.46 2.73 -1.21	47.88 3.24 0.01	33.07 2.20 -0.32	30.06 1.65 -4.13	26.82 1.75 0.00	23.44 1.28 0.00
ASTORIA_EAST_ENERGY_CC2 323582	22.57 1.08 0.00	22.65 1.01 0.00	18.86 0.86 0.00	19.29 0.82 0.00	18.27 0.92 0.00	18.45 1.01 0.00	30.59 1.93 0.00	338.67 21.65 -0.12	36.29 2.03 -5.13	71.07 1.47 -47.64	38.44 2.71 0.00	33.85 2.43 -0.01	42.08 2.67 0.00	30.99 1.86 0.00	29.63 1.95 -0.01	29.13 2.04 -0.47	50.86 1.45 -29.61	39.33 2.14 -8.24	42.46 2.73 -1.21	47.88 3.24 0.01	33.07 2.20 -0.32	30.06 1.65 -4.13	26.82 1.75 0.00	23.44 1.28 0.00
ASTORIA_GT2_1 24094	22.57 1.08 0.00	22.66 1.02 0.00	18.87 0.87 0.00	19.30 0.83 0.00	18.28 0.93 0.00	18.46 1.02 0.00	30.61 1.96 0.00	338.84 21.82 -0.12	36.29 2.04 -5.13	71.12 1.52 -47.65	38.43 2.71 0.00	33.84 2.42 0.00	42.09 2.69 0.00	31.01 1.88 0.00	29.65 1.98 0.00	29.14 2.06 -0.47	50.86 1.46 -29.61	39.34 2.16 -8.23	42.48 2.75 -1.21	47.90 3.27 0.01	33.08 2.22 -0.31	30.07 1.67 -4.13	26.83 1.75 0.00	23.45 1.29 0.00
ASTORIA_GT2_2 24095	22.57 1.08 0.00	22.66 1.02 0.00	18.87 0.87 0.00	19.30 0.83 0.00	18.28 0.93 0.00	18.46 1.02 0.00	30.61 1.96 0.00	338.84 21.82 -0.12	36.29 2.04 -5.13	71.12 1.52 -47.65	38.43 2.71 0.00	33.84 2.42 0.00	42.09 2.69 0.00	31.01 1.88 0.00	29.65 1.98 0.00	29.14 2.06 -0.47	50.86 1.46 -29.61	39.34 2.16 -8.23	42.48 2.75 -1.21	47.90 3.27 0.01	33.08 2.22 -0.31	30.07 1.67 -4.13	26.83 1.75 0.00	23.45 1.29 0.00
ASTORIA_GT2_3 24096	22.57 1.08 0.00	22.66 1.02 0.00	18.87 0.87 0.00	19.30 0.83 0.00	18.28 0.93 0.00	18.46 1.02 0.00	30.61 1.96 0.00	338.84 21.82 -0.12	36.29 2.04 -5.13	71.12 1.52 -47.65	38.43 2.71 0.00	33.84 2.42 0.00	42.09 2.69 0.00	31.01 1.88 0.00	29.65 1.98 0.00	29.14 2.06 -0.47	50.86 1.46 -29.61	39.34 2.16 -8.23	42.48 2.75 -1.21	47.90 3.27 0.01	33.08 2.22 -0.31	30.07 1.67 -4.13	26.83 1.75 0.00	23.45 1.29 0.00
ASTORIA_GT2_4 24097	22.57 1.08 0.00	22.66 1.02 0.00	18.87 0.87 0.00	19.30 0.83 0.00	18.28 0.93 0.00	18.46 1.02 0.00	30.61 1.96 0.00	338.84 21.82 -0.12	36.29 2.04 -5.13	71.12 1.52 -47.65	38.43 2.71 0.00	33.84 2.42 0.00	42.09 2.69 0.00	31.01 1.88 0.00	29.65 1.98 0.00	29.14 2.06 -0.47	50.86 1.46 -29.61	39.34 2.16 -8.23	42.48 2.75 -1.21	47.90 3.27 0.01	33.08 2.22 -0.31	30.07 1.67 -4.13	26.83 1.75 0.00	23.45 1.29 0.00
ASTORIA_GT3_1 24098	22.57 1.08 0.00	22.66 1.02 0.00	18.87 0.87 0.00	19.30 0.83 0.00	18.28 0.93 0.00	18.46 1.02 0.00	30.61 1.96 0.00	338.84 21.82 -0.12	36.29 2.04 -5.13	71.12 1.52 -47.65	38.43 2.71 0.00	33.84 2.42 0.00	42.09 2.69 0.00	31.01 1.88 0.00	29.65 1.98 0.00	29.14 2.06 -0.47	50.86 1.46 -29.61	39.34 2.16 -8.23	42.48 2.75 -1.21	47.90 3.27 0.01	33.08 2.22 -0.31	30.07 1.67 -4.13	26.83 1.75 0.00	23.45 1.29 0.00
ASTORIA_GT3_2 24099	22.57 1.08 0.00	22.66 1.02 0.00	18.87 0.87 0.00	19.30 0.83 0.00	18.28 0.93 0.00	18.46 1.02																		

ASTORIA_GT_10 24110	22.68 1.19 0.00	22.80 1.15 0.00	18.96 0.96 0.00	19.41 0.94 0.00	18.38 1.03 0.00	18.56 1.12 0.00	30.81 2.15 0.00	341.04 24.01 -0.12	36.50 2.25 -5.13	71.28 1.67 -47.65	38.46 2.74 0.00	33.94 2.52 0.00	43.37 2.90 -1.06	31.23 2.09 0.00	29.84 2.16 0.00	29.31 2.23 -0.47	50.99 1.58 -29.61	39.51 2.31 -8.24	42.66 2.92 -1.22	48.09 3.44 0.00	33.19 2.32 -0.32	30.19 1.79 -4.13	26.93 1.86 0.00	23.53 1.37 0.00
ASTORIA_GT_11 24225	22.68 1.19 0.00	22.80 1.15 0.00	18.96 0.96 0.00	19.41 0.94 0.00	18.38 1.03 0.00	18.56 1.12 0.00	30.81 2.15 0.00	341.04 24.01 -0.12	36.50 2.25 -5.13	71.28 1.67 -47.65	38.46 2.74 0.00	33.94 2.52 0.00	43.37 2.90 -1.06	31.23 2.09 0.00	29.84 2.16 0.00	29.31 2.23 -0.47	50.99 1.58 -29.61	39.51 2.31 -8.24	42.66 2.92 -1.22	48.09 3.44 0.00	33.19 2.32 -0.32	30.19 1.79 -4.13	26.93 1.86 0.00	23.53 1.37 0.00
ASTORIA_GT_12 24226	22.68 1.19 0.00	22.80 1.15 0.00	18.96 0.96 0.00	19.41 0.94 0.00	18.38 1.03 0.00	18.56 1.12 0.00	30.81 2.15 0.00	341.04 24.01 -0.12	36.50 2.25 -5.13	71.28 1.67 -47.65	38.46 2.74 0.00	33.94 2.52 0.00	43.37 2.90 -1.06	31.23 2.09 0.00	29.84 2.16 0.00	29.31 2.23 -0.47	50.99 1.58 -29.61	39.51 2.31 -8.24	42.66 2.92 -1.22	48.09 3.44 0.00	33.19 2.32 -0.32	30.19 1.79 -4.13	26.93 1.86 0.00	23.53 1.37 0.00
ASTORIA_GT_13 24227	22.68 1.19 0.00	22.80 1.15 0.00	18.96 0.96 0.00	19.41 0.94 0.00	18.38 1.03 0.00	18.56 1.12 0.00	30.81 2.15 0.00	341.04 24.01 -0.12	36.50 2.25 -5.13	71.28 1.67 -47.65	38.46 2.74 0.00	33.94 2.52 0.00	43.37 2.90 -1.06	31.23 2.09 0.00	29.84 2.16 0.00	29.31 2.23 -0.47	50.99 1.58 -29.61	39.51 2.31 -8.24	42.66 2.92 -1.22	48.09 3.44 0.00	33.19 2.32 -0.32	30.19 1.79 -4.13	26.93 1.86 0.00	23.53 1.37 0.00
ASTORIA_GT_5 24106	22.61 1.12 0.00	22.70 1.06 0.00	18.90 0.90 0.00	19.32 0.86 0.00	18.31 0.96 0.00	18.49 1.05 0.00	30.66 2.00 0.00	339.38 22.36 -0.12	36.36 2.10 -5.13	71.13 1.52 -47.64	38.52 2.79 0.00	33.92 2.49 -0.01	42.17 2.76 0.00	31.06 1.93 0.00	29.71 2.03 -0.01	29.20 2.11 -0.47	50.91 1.50 -29.61	39.41 2.22 -8.24	42.57 2.84 -1.21	48.00 3.36 0.01	33.15 2.28 -0.32	30.12 1.72 -4.13	26.89 1.81 0.00	23.49 1.33 0.00
ASTORIA_GT_7 24107	22.61 1.12 0.00	22.70 1.06 0.00	18.90 0.90 0.00	19.32 0.86 0.00	18.31 0.96 0.00	18.49 1.05 0.00	30.66 2.00 0.00	339.38 22.36 -0.12	36.36 2.10 -5.13	71.13 1.52 -47.64	38.52 2.79 0.00	33.92 2.49 -0.01	42.17 2.76 0.00	31.06 1.93 0.00	29.71 2.03 -0.01	29.20 2.11 -0.47	50.91 1.50 -29.61	39.41 2.22 -8.24	42.57 2.84 -1.21	48.00 3.36 0.01	33.15 2.28 -0.32	30.12 1.72 -4.13	26.89 1.81 0.00	23.49 1.33 0.00
ASTORIA_GT_8 24108	22.61 1.12 0.00	22.70 1.06 0.00	18.90 0.90 0.00	19.32 0.86 0.00	18.31 0.96 0.00	18.49 1.05 0.00	30.67 2.01 0.00	339.48 22.45 -0.12	36.35 2.10 -5.13	71.17 1.56 -47.65	38.51 2.79 0.00	33.91 2.49 0.00	42.18 2.77 0.00	31.07 1.94 0.00	29.71 2.03 0.00	29.20 2.12 -0.47	50.90 1.50 -29.61	39.40 2.22 -8.23	42.58 2.85 -1.21	47.99 3.36 0.01	33.15 2.28 -0.31	30.12 1.72 -4.13	26.88 1.80 0.00	23.49 1.33 0.00
ASTORIA___2 24149	22.58 1.08 0.00	22.66 1.02 0.00	18.87 0.87 0.00	19.30 0.83 0.00	18.28 0.94 0.00	18.46 1.02 0.00	30.60 1.95 0.00	338.74 21.72 -0.12	36.30 2.05 -5.13	71.08 1.48 -47.64	38.44 2.71 0.00	33.85 2.43 -0.01	42.08 2.67 0.00	31.00 1.87 0.00	29.65 1.97 -0.01	29.15 2.06 -0.47	50.87 1.46 -29.61	39.34 2.16 -8.24	42.48 2.75 -1.21	47.90 3.27 0.01	33.09 2.22 -0.32	30.07 1.67 -4.13	26.83 1.76 0.00	23.45 1.29 0.00
ASTORIA___3 23516	22.68 1.19 0.00	22.79 1.15 0.00	18.96 0.96 0.00	19.41 0.94 0.00	18.38 1.03 0.00	18.56 1.12 0.00	30.80 2.15 0.00	341.00 23.98 -0.12	36.52 2.26 -5.14	71.26 1.65 -47.65	38.47 2.74 0.00	33.95 2.52 -0.01	43.37 2.89 -1.06	31.23 2.09 -0.01	29.83 2.15 -0.01	29.32 2.23 -0.47	50.99 1.58 -29.61	39.51 2.31 -8.25	42.66 2.92 -1.22	48.09 3.44 0.00	33.19 2.32 -0.32	30.19 1.79 -4.13	26.94 1.87 0.00	23.53 1.37 0.00
ASTORIA___4 23517	22.68 1.19 0.00	22.80 1.15 0.00	18.96 0.96 0.00	19.41 0.94 0.00	18.38 1.03 0.00	18.56 1.12 0.00	30.81 2.15 0.00	341.04 24.01 -0.12	36.50 2.25 -5.13	71.28 1.67 -47.65	38.46 2.74 0.00	33.94 2.52 0.00	43.37 2.90 -1.06	31.23 2.09 0.00	29.84 2.16 0.00	29.31 2.23 -0.47	50.99 1.58 -29.61	39.51 2.31 -8.24	42.66 2.92 -1.22	48.09 3.44 0.00	33.19 2.32 -0.32	30.19 1.79 -4.13	26.93 1.86 0.00	23.53 1.37 0.00
ASTORIA___5 23518	22.68 1.19 0.00	22.79 1.15 0.00	18.96 0.96 0.00	19.41 0.94 0.00	18.38 1.03 0.00	18.56 1.12 0.00	30.80 2.15 0.00	341.00 23.98 -0.12	36.52 2.26 -5.14	71.26 1.65 -47.65	38.47 2.74 0.00	33.95 2.52 -0.01	43.37 2.89 -1.06	31.23 2.09 -0.01	29.83 2.15 -0.01	29.32 2.23 -0.47	50.99 1.58 -29.61	39.51 2.31 -8.25	42.66 2.92 -1.22	48.09 3.44 0.00	33.19 2.32 -0.32	30.19 1.79 -4.13	26.94 1.87 0.00	23.53 1.37 0.00
AST_ENERGY_2_CC3 323677	22.62 1.13 0.00	22.74 1.09 0.00	18.91 0.91 0.00	19.37 0.90 0.00	18.32 0.98 0.00	18.51 1.07 0.00	30.71 2.05 0.00	339.85 22.83 -0.12	36.39 2.13 -5.13	71.22 1.61 -47.65	38.36 2.63 0.00	33.81 2.39 0.00	42.15 2.73 0.00	31.11 1.97 0.00	29.71 2.04 0.00	29.20 2.12 -0.47	50.90 1.50 -29.61	39.38 2.18 -8.24	42.50 2.77 -1.22	47.95 3.31 0.00	33.06 2.18 -0.32	30.10 1.69 -4.13	26.87 1.80 0.00	23.44 1.28 0.00
AST_ENERGY_2_CC4 323678	22.62 1.13 0.00	22.74 1.09 0.00	18.91 0.91 0.00	19.37 0.90 0.00	18.32 0.98 0.00	18.51 1.07 0.00	30.71 2.05 0.00	339.85 22.83 -0.12	36.39 2.13 -5.13	71.22 1.61 -47.65	38.36 2.63 0.00	33.81 2.39 0.00	42.15 2.73 0.00	31.11 1.97 0.00	29.71 2.04 0.00	29.20 2.12 -0.47	50.90 1.50 -29.61	39.38 2.18 -8.24	42.50 2.77 -1.22	47.95 3.31 0.00	33.06 2.18 -0.32	30.10 1.69 -4.13	26.87 1.80 0.00	23.44 1.28 0.00
ATHENS_STG_1 23668	22.14 0.65 0.00	22.26 0.62 0.00	18.51 0.51 0.00	18.97 0.50 0.00	17.96 0.61 0.00	18.09 0.65 0.00	29.86 1.20 0.00	331.31 14.28 -0.12	36.32 1.28 -5.92	44.05 0.94 -21.14	37.15 1.43 0.00	32.72 1.30 0.00	40.92 1.51 0.00	30.23 1.10 0.00	28.83 1.15 0.00	28.37 1.21 -0.54	54.86 0.91 -34.16	39.79 1.33 -9.51	41.64 1.72 -1.41	46.65 2.01 0.00	32.29 1.37 -0.37	30.08 1.04 -4.76	26.12 1.05 0.00	22.89 0.73 0.00
ATHENS_STG_2 23670	22.14 0.65 0.00	22.26 0.62 0.00	18.51 0.51 0.00	18.97 0.50 0.00	17.96 0.61 0.00	18.09 0.65 0.00	29.86 1.20 0.00	331.31 14.28 -0.12	36.32 1.28 -5.92	44.05 0.94 -21.14	37.15 1.43 0.00	32.72 1.30 0.00	40.92 1.51 0.00	30.23 1.10 0.00	28.83 1.15 0.00	28.37 1.21 -0.54	54.86 0.91 -34.16	39.79 1.33 -9.51	41.64 1.72 -1.41	46.65 2.01 0.00	32.29 1.37 -0.37	30.08 1.04 -4.76	26.12 1.05 0.00	22.89 0.73 0.00

ATHENS_STG_3 23677	22.14 0.65 0.00	22.26 0.62 0.00	18.51 0.51 0.00	18.97 0.50 0.00	17.96 0.61 0.00	18.09 0.65 0.00	29.86 1.20 0.00	331.31 14.28 -0.12	36.32 1.28 -5.92	44.05 0.94 -21.14	37.15 1.43 0.00	32.72 1.30 0.00	40.92 1.51 0.00	30.23 1.10 0.00	28.83 1.15 0.00	28.37 1.21 -0.54	54.86 0.91 -34.16	39.79 1.33 -9.51	41.64 1.72 -1.41	46.65 2.01 0.00	32.29 1.37 -0.37	30.08 1.04 -4.76	26.12 1.05 0.00	22.89 0.73 0.00
AUBURN____LFGE 323710	21.51 0.02 0.00	21.70 0.06 0.00	17.97 -0.03 0.00	18.52 0.05 0.00	17.40 0.05 0.00	17.54 0.10 0.00	37.87 0.39 -8.82	331.35 11.18 -3.26	84.94 0.73 -55.09	54.61 0.20 -32.45	40.93 0.47 -4.73	34.52 0.21 -2.89	45.80 0.50 -5.89	32.73 0.29 -3.31	29.06 0.19 -1.19	26.71 0.07 -0.02	20.94 0.14 -1.00	29.53 0.30 -0.28	39.01 0.45 -0.04	45.26 0.61 0.00	30.89 0.33 -0.01	24.47 0.06 -0.14	25.19 0.11 0.00	22.50 0.33 0.00
BABYLON_RES_REC 323704	22.82 1.34 0.00	22.98 1.34 0.00	19.08 1.08 0.00	19.54 1.07 0.00	18.54 1.20 0.00	18.74 1.30 0.00	30.90 2.25 0.00	339.48 22.45 -0.12	36.60 2.34 -5.14	71.19 1.69 -47.54	38.03 2.30 0.00	33.77 2.35 0.00	42.20 2.78 0.00	31.35 2.22 0.00	30.30 2.63 0.00	29.73 2.65 -0.47	51.40 1.97 -29.63	39.86 2.66 -8.25	43.02 3.28 -1.22	48.30 3.65 0.00	33.55 2.67 -0.32	30.46 2.05 -4.13	27.28 2.20 0.00	23.80 1.64 0.00
BABYLON__69_KV_BK2 356345	23.05 1.56 0.00	23.20 1.56 0.00	19.27 1.27 0.00	19.74 1.27 0.00	18.73 1.39 0.00	18.94 1.50 0.00	31.23 2.58 0.00	341.95 24.93 -0.12	36.86 2.60 -5.14	71.52 2.02 -47.54	38.26 2.54 0.00	34.10 2.67 0.00	42.64 3.22 0.00	31.72 2.59 0.00	30.67 2.99 0.00	30.09 3.01 -0.47	51.68 2.26 -29.63	40.20 3.00 -8.25	43.45 3.72 -1.22	48.73 4.09 0.00	33.93 3.05 -0.32	30.78 2.37 -4.13	27.60 2.53 0.00	24.06 1.90 0.00
BALL_HILL_WT_PWR 323825	20.77 -0.72 0.00	21.09 -0.55 0.00	17.46 -0.54 0.00	18.14 -0.32 0.00	17.02 -0.33 0.00	17.13 -0.31 0.00	33.20 -0.33 -4.87	315.35 -4.56 -3.00	60.06 -0.48 -31.41	39.62 -0.19 -17.84	37.96 -0.37 -2.60	32.68 -0.33 -1.59	42.65 -0.01 -3.24	30.91 -0.04 -1.82	27.82 -0.51 -0.66	25.88 -0.76 -0.02	20.45 -0.62 -1.28	28.47 -0.83 -0.36	37.66 -0.92 -0.05	43.86 -0.78 0.00	29.81 -0.76 -0.01	23.68 -0.77 -0.18	24.59 -0.48 0.00	21.76 -0.40 0.00
BARON_WINDS____WT_PWR 323822	20.74 -0.75 0.00	21.06 -0.58 0.00	17.46 -0.53 0.00	18.04 -0.43 0.00	17.02 -0.33 0.00	17.12 -0.31 0.00	34.36 -0.39 -6.09	316.80 -3.04 -2.93	68.15 -0.35 -39.37	43.98 -0.28 -22.30	38.56 -0.42 -3.25	32.86 -0.55 -1.99	43.17 -0.29 -4.05	31.27 -0.14 -2.27	28.01 -0.49 -0.82	26.01 -0.63 -0.03	20.79 -0.65 -1.64	28.63 -0.78 -0.46	38.10 -0.48 -0.07	44.32 -0.32 0.00	30.01 -0.56 -0.02	23.87 -0.63 -0.23	24.50 -0.57 0.00	21.86 -0.30 0.00
BARRETT_IC_1 23704	22.69 1.20 0.00	22.82 1.18 0.00	18.95 0.95 0.00	19.42 0.95 0.00	18.40 1.05 0.00	18.60 1.16 0.00	30.53 1.87 0.00	334.00 16.98 -0.12	36.26 2.00 -5.14	70.96 1.46 -47.54	37.85 2.12 0.00	33.54 2.12 0.00	41.85 2.44 0.00	31.13 1.99 0.00	29.96 2.26 -0.03	29.31 2.23 -0.47	51.00 1.58 -29.63	39.36 2.16 -8.25	42.32 2.58 -1.22	47.53 2.89 0.00	33.03 2.15 -0.32	30.16 1.75 -4.14	26.97 1.90 0.00	23.61 1.41 -0.04
BARRETT_IC_10 23701	22.69 1.20 0.00	22.82 1.18 0.00	18.95 0.95 0.00	19.42 0.95 0.00	18.40 1.05 0.00	18.60 1.16 0.00	30.53 1.87 0.00	334.00 16.98 -0.12	36.26 2.00 -5.14	70.96 1.46 -47.54	37.85 2.12 0.00	33.54 2.12 0.00	41.85 2.44 0.00	31.13 1.99 0.00	29.96 2.26 -0.03	29.31 2.23 -0.47	51.00 1.58 -29.63	39.36 2.16 -8.25	42.32 2.58 -1.22	47.53 2.89 0.00	33.03 2.15 -0.32	30.16 1.75 -4.14	26.97 1.90 0.00	23.61 1.41 -0.04
BARRETT_IC_11 23702	22.69 1.20 0.00	22.82 1.18 0.00	18.95 0.95 0.00	19.42 0.95 0.00	18.40 1.05 0.00	18.60 1.16 0.00	30.53 1.87 0.00	334.00 16.98 -0.12	36.26 2.00 -5.14	70.96 1.46 -47.54	37.85 2.12 0.00	33.54 2.12 0.00	41.85 2.44 0.00	31.13 1.99 0.00	29.96 2.26 -0.03	29.31 2.23 -0.47	51.00 1.58 -29.63	39.36 2.16 -8.25	42.32 2.58 -1.22	47.53 2.89 0.00	33.03 2.15 -0.32	30.16 1.75 -4.14	26.97 1.90 0.00	23.61 1.41 -0.04
BARRETT_IC_12 23703	22.69 1.20 0.00	22.82 1.18 0.00	18.95 0.95 0.00	19.42 0.95 0.00	18.40 1.05 0.00	18.60 1.16 0.00	30.53 1.87 0.00	334.00 16.98 -0.12	36.26 2.00 -5.14	70.96 1.46 -47.54	37.85 2.12 0.00	33.54 2.12 0.00	41.85 2.44 0.00	31.13 1.99 0.00	29.96 2.26 -0.03	29.31 2.23 -0.47	51.00 1.58 -29.63	39.36 2.16 -8.25	42.32 2.58 -1.22	47.53 2.89 0.00	33.03 2.15 -0.32	30.16 1.75 -4.14	26.97 1.90 0.00	23.61 1.41 -0.04
BARRETT_IC_2 23705	22.69 1.20 0.00	22.82 1.18 0.00	18.95 0.95 0.00	19.42 0.95 0.00	18.40 1.05 0.00	18.60 1.16 0.00	30.53 1.87 0.00	334.00 16.98 -0.12	36.26 2.00 -5.14	70.96 1.46 -47.54	37.85 2.12 0.00	33.54 2.12 0.00	41.85 2.44 0.00	31.13 1.99 0.00	29.96 2.26 -0.03	29.31 2.23 -0.47	51.00 1.58 -29.63	39.36 2.16 -8.25	42.32 2.58 -1.22	47.53 2.89 0.00	33.03 2.15 -0.32	30.16 1.75 -4.14	26.97 1.90 0.00	23.61 1.41 -0.04
BARRETT_IC_3 23706	22.69 1.20 0.00	22.82 1.18 0.00	18.95 0.95 0.00	19.42 0.95 0.00	18.40 1.05 0.00	18.60 1.16 0.00	30.53 1.87 0.00	334.00 16.98 -0.12	36.26 2.00 -5.14	70.96 1.46 -47.54	37.85 2.12 0.00	33.54 2.12 0.00	41.85 2.44 0.00	31.13 1.99 0.00	29.96 2.26 -0.03	29.31 2.23 -0.47	51.00 1.58 -29.63	39.36 2.16 -8.25	42.32 2.58 -1.22	47.53 2.89 0.00	33.03 2.15 -0.32	30.16 1.75 -4.14	26.97 1.90 0.00	23.61 1.41 -0.04
BARRETT_IC_4 23707	22.69 1.20 0.00	22.82 1.18 0.00	18.95 0.95 0.00	19.42 0.95 0.00	18.40 1.05 0.00	18.60 1.16 0.00	30.53 1.87 0.00	334.00 16.98 -0.12	36.26 2.00 -5.14	70.96 1.46 -47.54	37.85 2.12 0.00	33.54 2.12 0.00	41.85 2.44 0.00	31.13 1.99 0.00	29.96 2.26 -0.03	29.31 2.23 -0.47	51.00 1.58 -29.63	39.36 2.16 -8.25	42.32 2.58 -1.22	47.53 2.89 0.00	33.03 2.15 -0.32	30.16 1.75 -4.14	26.97 1.90 0.00	23.61 1.41 -0.04
BARRETT_IC_5 23708	22.69 1.20 0.00	22.82 1.18 0.00	18.95 0.95 0.00	19.42 0.95 0.00	18.40 1.05 0.00	18.60 1.16 0.00	30.53 1.87 0.00	334.00 16.98 -0.12	36.26 2.00 -5.14	70.96 1.46 -47.54	37.85 2.12 0.00	33.54 2.12 0.00	41.85 2.44 0.00	31.13 1.99 0.00	29.96 2.26 -0.03	29.31 2.23 -0.47	51.00 1.58 -29.63	39.36 2.16 -8.25	42.32 2.58 -1.22	47.53 2.89 0.00	33.03 2.15 -0.32	30.16 1.75 -4.14	26.97 1.90 0.00	23.61 1.41 -0.04
BARRETT_IC_6 23709	22.69 1.20 0.00	22.82 1.18 0.00	18.95 0.95 0.00	19.42 0.95 0.00	18.40 1.05 0.00	18.60 1.16 0.00	30.53 1.87 0.00	334.00 16.98 -0.12	36.26 2.00 -5.14	70.96 1.46 -47.54	37.85 2.12 0.00	33.54 2.12 0.00	41.85 2.44 0.00	31.13 1.99 0.00	29.96 2.26 -0.03	29.31 2.23 -0.47	51.00 1.58 -29.63	39.36 2.16 -8.25	42.32 2.58 -1.22	47.53 2.89 0.00	33.03 2.15 -0.32	30.16 1.75 -4.14	26.97 1.90 0.00	23.61 1.41 -0.04

BARRETT_IC_7 23710	22.69 1.20 0.00	22.82 1.18 0.00	18.95 0.95 0.00	19.42 0.95 0.00	18.40 1.05 0.00	18.60 1.16 0.00	30.53 1.88 0.00	334.00 16.98 -0.12	36.24 1.98 -5.14	71.00 1.50 -47.54	37.84 2.12 0.00	33.54 2.12 0.00	41.86 2.45 0.00	31.14 2.01 0.00	29.97 2.27 -0.03	29.32 2.23 -0.47	50.99 1.57 -29.63	39.36 2.16 -8.25	42.32 2.58 -1.22	47.53 2.89 0.00	33.03 2.15 -0.32	30.16 1.75 -4.14	26.96 1.89 0.00	23.61 1.42 -0.04
BARRETT_IC_8 23711	22.69 1.20 0.00	22.82 1.18 0.00	18.95 0.95 0.00	19.42 0.95 0.00	18.40 1.05 0.00	18.60 1.16 0.00	30.53 1.87 0.00	334.00 16.98 -0.12	36.26 2.00 -5.14	70.96 1.46 -47.54	37.85 2.12 0.00	33.54 2.12 0.00	41.85 2.44 0.00	31.13 1.99 0.00	29.96 2.26 -0.03	29.31 2.23 -0.47	51.00 1.58 -29.63	39.36 2.16 -8.25	42.32 2.58 -1.22	47.53 2.89 0.00	33.03 2.15 -0.32	30.16 1.75 -4.14	26.97 1.90 0.00	23.61 1.41 -0.04
BARRETT_IC_9 23700	22.69 1.20 0.00	22.82 1.18 0.00	18.95 0.95 0.00	19.42 0.95 0.00	18.40 1.05 0.00	18.60 1.16 0.00	30.53 1.87 0.00	334.00 16.98 -0.12	36.26 2.00 -5.14	70.96 1.46 -47.54	37.85 2.12 0.00	33.54 2.12 0.00	41.85 2.44 0.00	31.13 1.99 0.00	29.96 2.26 -0.03	29.31 2.23 -0.47	51.00 1.58 -29.63	39.36 2.16 -8.25	42.32 2.58 -1.22	47.53 2.89 0.00	33.03 2.15 -0.32	30.16 1.75 -4.14	26.97 1.90 0.00	23.61 1.41 -0.04
BARRETT___1 23545	22.69 1.20 0.00	22.82 1.18 0.00	18.95 0.95 0.00	19.42 0.95 0.00	18.40 1.05 0.00	18.60 1.16 0.00	30.53 1.87 0.00	334.00 16.98 -0.12	36.26 2.00 -5.14	70.96 1.46 -47.54	37.85 2.12 0.00	33.54 2.12 0.00	41.85 2.44 0.00	31.13 1.99 0.00	29.96 2.26 -0.03	29.31 2.23 -0.47	51.00 1.58 -29.63	39.36 2.16 -8.25	42.32 2.58 -1.22	47.53 2.89 0.00	33.03 2.15 -0.32	30.16 1.75 -4.14	26.97 1.90 0.00	23.61 1.41 -0.04
BARRETT___2 23546	22.69 1.20 0.00	22.82 1.18 0.00	18.95 0.95 0.00	19.42 0.95 0.00	18.40 1.05 0.00	18.60 1.16 0.00	30.53 1.87 0.00	334.00 16.98 -0.12	36.26 2.00 -5.14	70.96 1.46 -47.54	37.85 2.12 0.00	33.54 2.12 0.00	41.85 2.44 0.00	31.13 1.99 0.00	29.96 2.26 -0.03	29.31 2.23 -0.47	51.00 1.58 -29.63	39.36 2.16 -8.25	42.32 2.58 -1.22	47.53 2.89 0.00	33.03 2.15 -0.32	30.16 1.75 -4.14	26.97 1.90 0.00	23.61 1.41 -0.04
BATAVIA___115KV_TB1 55881	20.96 -0.53 0.00	21.28 -0.36 0.00	17.64 -0.36 0.00	18.28 -0.18 0.00	17.17 -0.18 0.00	17.32 -0.12 0.00	32.86 -0.09 -4.30	317.02 -2.94 -3.05	56.51 -0.24 -27.63	37.70 -0.03 -15.76	38.04 0.02 -2.30	32.88 0.05 -1.40	42.51 0.24 -2.86	30.96 0.22 -1.61	28.10 -0.15 -0.58	26.17 -0.47 -0.02	20.48 -0.37 -1.06	28.70 -0.54 -0.29	38.02 -0.54 -0.04	44.38 -0.26 0.00	30.20 -0.36 -0.01	24.05 -0.37 -0.15	24.91 -0.16 0.00	22.03 -0.12 0.00
BAYONEEC___CTG1 323682	22.65 1.16 0.00	22.77 1.13 0.00	18.93 0.94 0.00	19.40 0.93 0.00	18.34 1.00 0.00	18.52 1.09 0.00	30.75 2.09 0.00	340.17 23.15 -0.12	36.11 2.16 -4.82	44.07 1.64 -20.46	37.32 2.63 1.04	33.82 2.40 0.00	41.68 2.76 0.49	31.13 2.00 0.00	29.74 2.06 0.00	29.23 2.14 -0.47	50.69 1.51 -29.39	38.42 2.19 -7.28	42.51 2.77 -1.22	47.97 3.32 0.00	33.05 2.18 -0.32	30.10 1.69 -4.13	26.88 1.81 0.00	23.48 1.32 0.00
BAYONEEC___CTG10 323750	22.65 1.16 0.00	22.77 1.13 0.00	18.93 0.94 0.00	19.40 0.93 0.00	18.34 1.00 0.00	18.52 1.09 0.00	30.75 2.09 0.00	340.17 23.15 -0.12	36.11 2.16 -4.82	44.07 1.64 -20.46	37.32 2.63 1.04	33.82 2.40 0.00	41.68 2.76 0.49	31.13 2.00 0.00	29.74 2.06 0.00	29.23 2.14 -0.47	50.69 1.51 -29.39	38.42 2.19 -7.28	42.51 2.77 -1.22	47.97 3.32 0.00	33.05 2.18 -0.32	30.10 1.69 -4.13	26.88 1.81 0.00	23.48 1.32 0.00
BAYONEEC___CTG2 323683	22.65 1.16 0.00	22.77 1.13 0.00	18.93 0.94 0.00	19.40 0.93 0.00	18.34 1.00 0.00	18.52 1.09 0.00	30.75 2.09 0.00	340.17 23.15 -0.12	36.11 2.16 -4.82	44.07 1.64 -20.46	37.32 2.63 1.04	33.82 2.40 0.00	41.68 2.76 0.49	31.13 2.00 0.00	29.74 2.06 0.00	29.23 2.14 -0.47	50.69 1.51 -29.39	38.42 2.19 -7.28	42.51 2.77 -1.22	47.97 3.32 0.00	33.05 2.18 -0.32	30.10 1.69 -4.13	26.88 1.81 0.00	23.48 1.32 0.00
BAYONEEC___CTG3 323684	22.65 1.16 0.00	22.77 1.13 0.00	18.93 0.94 0.00	19.40 0.93 0.00	18.34 1.00 0.00	18.52 1.09 0.00	30.75 2.09 0.00	340.17 23.15 -0.12	36.11 2.16 -4.82	44.07 1.64 -20.46	37.32 2.63 1.04	33.82 2.40 0.00	41.68 2.76 0.49	31.13 2.00 0.00	29.74 2.06 0.00	29.23 2.14 -0.47	50.69 1.51 -29.39	38.42 2.19 -7.28	42.51 2.77 -1.22	47.97 3.32 0.00	33.05 2.18 -0.32	30.10 1.69 -4.13	26.88 1.81 0.00	23.48 1.32 0.00
BAYONEEC___CTG4 323685	22.65 1.16 0.00	22.77 1.13 0.00	18.93 0.94 0.00	19.40 0.93 0.00	18.34 1.00 0.00	18.52 1.09 0.00	30.75 2.09 0.00	340.17 23.15 -0.12	36.11 2.16 -4.82	44.07 1.64 -20.46	37.32 2.63 1.04	33.82 2.40 0.00	41.68 2.76 0.49	31.13 2.00 0.00	29.74 2.06 0.00	29.23 2.14 -0.47	50.69 1.51 -29.39	38.42 2.19 -7.28	42.51 2.77 -1.22	47.97 3.32 0.00	33.05 2.18 -0.32	30.10 1.69 -4.13	26.88 1.81 0.00	23.48 1.32 0.00
BAYONEEC___CTG5 323686	22.65 1.16 0.00	22.77 1.13 0.00	18.93 0.94 0.00	19.40 0.93 0.00	18.34 1.00 0.00	18.52 1.09 0.00	30.75 2.09 0.00	340.17 23.15 -0.12	36.11 2.16 -4.82	44.07 1.64 -20.46	37.32 2.63 1.04	33.82 2.40 0.00	41.68 2.76 0.49	31.13 2.00 0.00	29.74 2.06 0.00	29.23 2.14 -0.47	50.69 1.51 -29.39	38.42 2.19 -7.28	42.51 2.77 -1.22	47.97 3.32 0.00	33.05 2.18 -0.32	30.10 1.69 -4.13	26.88 1.81 0.00	23.48 1.32 0.00
BAYONEEC___CTG6 323687	22.65 1.16 0.00	22.77 1.13 0.00	18.93 0.94 0.00	19.40 0.93 0.00	18.34 1.00 0.00	18.52 1.09 0.00	30.75 2.09 0.00	340.17 23.15 -0.12	36.11 2.16 -4.82	44.07 1.64 -20.46	37.32 2.63 1.04	33.82 2.40 0.00	41.68 2.76 0.49	31.13 2.00 0.00	29.74 2.06 0.00	29.23 2.14 -0.47	50.69 1.51 -29.39	38.42 2.19 -7.28	42.51 2.77 -1.22	47.97 3.32 0.00	33.05 2.18 -0.32	30.10 1.69 -4.13	26.88 1.81 0.00	23.48 1.32 0.00
BAYONEEC___CTG7 323688	22.65 1.16 0.00	22.77 1.13 0.00	18.93 0.94 0.00	19.40 0.93 0.00	18.34 1.00 0.00	18.52 1.09 0.00	30.75 2.09 0.00	340.17 23.15 -0.12	36.11 2.16 -4.82	44.07 1.64 -20.46	37.32 2.63 1.04	33.82 2.40 0.00	41.68 2.76 0.49	31.13 2.00 0.00	29.74 2.06 0.00	29.23 2.14 -0.47	50.69 1.51 -29.39	38.42 2.19 -7.28	42.51 2.77 -1.22	47.97 3.32 0.00	33.05 2.18 -0.32	30.10 1.69 -4.13	26.88 1.81 0.00	23.48 1.32 0.00
BAYONEEC___CTG8 323689	22.65 1.16 0.00	22.77 1.13 0.00	18.93 0.94 0.00	19.40 0.93 0.00	18.34 1.00 0.00	18.52 1.09 0.00	30.75 2.09 0.00	340.17 23.15 -0.12	36.11 2.16 -4.82	44.07 1.64 -20.46	37.32 2.63 1.04	33.82 2.40 0.00	41.68 2.76 0.49	31.13 2.00 0.00	29.74 2.06 0.00	29.23 2.14 -0.47	50.69 1.51 -29.39	38.42 2.19 -7.28	42.51 2.77 -1.22	47.97 3.32 0.00	33.05 2.18 -0.32	30.10 1.69 -4.13	26.88 1.81 0.00	23.48 1.32 0.00

BAYONEEC___CTG9 323749	22.65 1.16 0.00	22.77 1.13 0.00	18.93 0.94 0.00	19.40 0.93 0.00	18.34 1.00 0.00	18.52 1.09 0.00	30.75 2.09 0.00	340.17 23.15 -0.12	36.11 2.16 -4.82	44.07 1.64 -20.46	37.32 2.63 1.04	33.82 2.40 0.00	41.68 2.76 0.49	31.13 2.00 0.00	29.74 2.06 0.00	29.23 2.14 -0.47	50.69 1.51 -29.39	38.42 2.19 -7.28	42.51 2.77 -1.22	47.97 3.32 0.00	33.05 2.18 -0.32	30.10 1.69 -4.13	26.88 1.81 0.00	23.48 1.32 0.00
BEACON___LESR 323632	21.92 0.43 0.00	22.02 0.38 0.00	18.30 0.30 0.00	18.73 0.27 0.00	17.78 0.43 0.00	17.88 0.44 0.00	29.68 1.02 0.00	330.49 13.48 -0.11	36.73 1.10 -6.51	40.35 0.78 -17.60	36.79 1.06 0.00	32.37 0.94 0.00	40.58 1.17 0.00	29.88 0.75 0.00	28.54 0.87 0.00	28.19 0.98 -0.59	58.13 0.77 -37.56	40.68 1.27 -10.46	41.79 1.73 -1.55	46.56 1.92 0.00	32.18 1.22 -0.41	30.44 0.93 -5.24	25.91 0.84 0.00	22.72 0.56 0.00
BEAVER RIVER___HYD 24048	21.74 0.25 0.00	21.79 0.15 0.00	17.80 -0.19 0.00	18.17 -0.30 0.00	17.02 -0.33 0.00	17.14 -0.30 0.00	30.35 -0.33 -2.02	317.24 -0.84 -1.17	40.06 0.14 -10.79	28.74 0.15 -6.62	36.75 0.06 -0.97	31.90 -0.12 -0.59	40.25 -0.37 -1.20	29.33 -0.48 -0.67	27.27 -0.65 -0.24	26.04 -0.58 0.00	19.41 -0.39 0.00	28.78 -0.17 0.00	38.67 0.15 0.00	44.90 0.26 0.00	30.45 -0.10 0.00	24.03 -0.24 0.00	24.58 -0.48 0.00	21.84 -0.32 0.00
BEEBEE_GT_13 23619	20.99 -0.50 0.00	21.23 -0.41 0.00	17.61 -0.39 0.00	18.17 -0.30 0.00	17.06 -0.29 0.00	17.19 -0.25 0.00	32.20 -0.30 -3.84	316.43 -3.57 -3.09	53.37 -0.34 -24.58	35.91 -0.15 -14.10	37.60 -0.18 -2.06	32.48 -0.20 -1.26	41.91 -0.07 -2.56	30.51 -0.06 -1.44	27.89 -0.30 -0.52	26.14 -0.49 -0.01	20.31 -0.37 -0.89	28.67 -0.53 -0.25	37.96 -0.59 -0.04	44.17 -0.48 0.00	30.11 -0.45 -0.01	23.97 -0.42 -0.12	24.75 -0.32 0.00	21.90 -0.26 0.00
BENSHRST_27_KV_BENSHRST_1 355998	22.79 1.30 0.00	22.89 1.24 0.00	19.03 1.03 0.00	19.48 1.01 0.00	18.44 1.09 0.00	18.62 1.19 0.00	30.95 2.30 0.00	342.49 25.47 -0.12	36.62 2.36 -5.13	71.37 1.76 -47.65	38.68 2.96 0.00	34.13 2.71 0.00	43.61 3.15 -1.06	31.41 2.27 0.00	30.02 2.35 0.00	29.48 2.40 -0.47	51.11 1.70 -29.61	39.69 2.50 -8.24	42.93 3.19 -1.22	48.44 3.80 0.00	33.46 2.59 -0.32	30.41 2.01 -4.13	27.15 2.08 0.00	23.68 1.52 0.00
BETHLEHEM___GRP 23843	21.59 0.10 0.00	21.72 0.07 0.00	18.06 0.07 0.00	18.50 0.03 0.00	17.52 0.17 0.00	17.63 0.19 0.00	29.12 0.46 0.00	324.41 7.40 -0.11	36.20 0.56 -6.52	39.91 0.39 -17.56	36.23 0.50 0.00	31.84 0.42 0.00	39.86 0.45 0.00	29.46 0.32 0.00	28.11 0.43 0.00	27.75 0.54 -0.59	57.85 0.44 -37.61	40.12 0.70 -10.47	40.97 0.90 -1.55	45.69 1.05 0.00	31.64 0.68 -0.41	29.98 0.47 -5.24	25.48 0.40 0.00	22.33 0.17 0.00
BETHLEHEM___GS1 323560	21.59 0.10 0.00	21.72 0.07 0.00	18.06 0.07 0.00	18.50 0.03 0.00	17.52 0.17 0.00	17.63 0.19 0.00	29.12 0.46 0.00	324.46 7.45 -0.11	36.20 0.56 -6.52	39.90 0.38 -17.56	36.23 0.50 0.00	31.84 0.42 0.00	39.85 0.44 0.00	29.45 0.32 0.00	28.10 0.43 0.00	27.75 0.54 -0.59	57.85 0.44 -37.61	40.12 0.70 -10.47	40.97 0.90 -1.55	45.69 1.05 0.00	31.64 0.68 -0.41	29.99 0.47 -5.24	25.48 0.41 0.00	22.33 0.17 0.00
BETHLEHEM___GS2 323561	21.59 0.10 0.00	21.72 0.07 0.00	18.06 0.07 0.00	18.50 0.03 0.00	17.52 0.17 0.00	17.63 0.19 0.00	29.12 0.46 0.00	324.46 7.45 -0.11	36.20 0.56 -6.52	39.90 0.38 -17.56	36.23 0.50 0.00	31.84 0.42 0.00	39.85 0.44 0.00	29.45 0.32 0.00	28.10 0.43 0.00	27.75 0.54 -0.59	57.85 0.44 -37.61	40.12 0.70 -10.47	40.97 0.90 -1.55	45.69 1.05 0.00	31.64 0.68 -0.41	29.99 0.47 -5.24	25.48 0.41 0.00	22.33 0.17 0.00
BETHLEHEM___GS3 323562	21.59 0.10 0.00	21.72 0.07 0.00	18.06 0.07 0.00	18.50 0.03 0.00	17.52 0.17 0.00	17.63 0.19 0.00	29.12 0.46 0.00	324.46 7.45 -0.11	36.20 0.56 -6.52	39.90 0.38 -17.56	36.23 0.50 0.00	31.84 0.42 0.00	39.85 0.44 0.00	29.45 0.32 0.00	28.10 0.43 0.00	27.75 0.54 -0.59	57.85 0.44 -37.61	40.12 0.70 -10.47	40.97 0.90 -1.55	45.69 1.05 0.00	31.64 0.68 -0.41	29.99 0.47 -5.24	25.48 0.41 0.00	22.33 0.17 0.00
BETHLEHEM___STEEL 23779	20.67 -0.82 0.00	21.02 -0.62 0.00	17.42 -0.58 0.00	18.09 -0.38 0.00	16.98 -0.37 0.00	17.10 -0.34 0.00	32.94 -0.49 -4.77	312.41 -7.50 -3.01	59.20 -0.69 -30.77	39.08 -0.36 -17.48	37.74 -0.54 -2.55	32.51 -0.47 -1.56	42.33 -0.25 -3.17	30.73 -0.18 -1.78	27.70 -0.62 -0.64	25.75 -0.88 -0.02	20.31 -0.72 -1.24	28.24 -1.05 -0.35	37.42 -1.15 -0.05	43.65 -1.00 0.00	29.68 -0.89 -0.01	23.62 -0.83 -0.17	24.54 -0.53 0.00	21.74 -0.42 0.00
BETHLHEM_115KV_TB1 79974	21.66 0.17 0.00	21.79 0.15 0.00	18.12 0.13 0.00	18.57 0.10 0.00	17.58 0.23 0.00	17.69 0.25 0.00	29.22 0.56 0.00	325.38 8.36 -0.11	36.29 0.65 -6.52	39.94 0.46 -17.51	36.34 0.62 0.00	31.96 0.54 0.00	39.99 0.58 0.00	29.55 0.42 0.00	28.20 0.52 0.00	27.83 0.62 -0.59	57.90 0.50 -37.60	40.20 0.79 -10.47	41.08 1.01 -1.55	45.81 1.17 0.00	31.73 0.76 -0.41	30.06 0.54 -5.24	25.57 0.49 0.00	22.40 0.24 0.00
BETHPAGE_CC_5 323564	22.80 1.31 0.00	22.94 1.30 0.00	19.05 1.05 0.00	19.51 1.04 0.00	18.50 1.16 0.00	18.70 1.26 0.00	30.84 2.18 0.00	339.08 22.05 -0.12	36.55 2.29 -5.14	71.17 1.67 -47.54	38.08 2.35 0.00	33.82 2.40 0.00	42.24 2.82 0.00	31.38 2.25 0.00	30.17 2.49 0.00	29.58 2.49 -0.47	51.25 1.83 -29.63	39.69 2.50 -8.25	42.81 3.07 -1.22	48.10 3.46 0.00	33.37 2.50 -0.32	30.36 1.96 -4.13	27.18 2.11 0.00	23.74 1.58 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	20.77 -0.72 0.00	21.12 -0.52 0.00	17.49 -0.51 0.00	18.16 -0.31 0.00	17.04 -0.30 0.00	17.17 -0.27 0.00	33.12 -0.35 -4.81	314.06 -5.85 -3.01	59.60 -0.54 -31.02	39.33 -0.25 -17.62	37.94 -0.36 -2.57	32.68 -0.31 -1.57	42.57 -0.04 -3.20	30.89 -0.04 -1.80	27.84 -0.48 -0.65	25.87 -0.77 -0.02	20.42 -0.63 -1.25	28.40 -0.90 -0.35	37.63 -0.94 -0.05	43.88 -0.76 0.00	29.83 -0.73 -0.01	23.74 -0.71 -0.17	24.66 -0.42 0.00	21.84 -0.32 0.00
BINGHAMTON___COGEN 23790	21.33 -0.16 0.00	21.53 -0.12 0.00	17.83 -0.17 0.00	18.39 -0.08 0.00	17.25 -0.09 0.00	17.37 -0.07 0.00	36.31 0.12 -7.54	324.33 4.72 -2.71	78.47 0.22 -49.13	49.53 0.00 -27.57	39.74 -0.01 -4.02	33.82 -0.06 -2.46	44.60 0.18 -5.00	32.08 0.13 -2.81	28.54 -0.14 -1.01	26.44 -0.22 -0.04	22.30 -0.22 -2.73	29.48 -0.23 -0.76	38.50 -0.13 -0.11	44.62 -0.02 0.00	30.44 -0.15 -0.03	24.46 -0.19 -0.38	24.96 -0.11 0.00	22.06 -0.10 0.00
BIXINCNT_115KV_LOAD 355685	21.09 -0.40 0.00	21.45 -0.19 0.00	17.58 -0.41 0.00	18.23 -0.24 0.00	17.12 -0.22 0.00	17.30 -0.14 0.00	33.72 0.06 -5.00	320.41 0.52 -2.99	61.23 -0.13 -32.24	40.26 0.00 -18.30	38.51 0.12 -2.67	33.14 0.09 -1.63	43.38 0.65 -3.32	31.37 0.37 -1.87	28.14 -0.21 -0.67	25.96 -0.68 -0.02	20.66 -0.45 -1.32	28.89 -0.42 -0.37	38.38 -0.19 -0.05	44.63 -0.02 0.00	30.20 -0.36 -0.01	23.97 -0.49 -0.18	24.96 -0.12 0.00	22.11 -0.05 0.00

BLACK RIVER___HYD 24047	21.94 0.45 0.00	21.96 0.31 0.00	17.83 -0.17 0.00	18.22 -0.25 0.00	17.08 -0.27 0.00	17.25 -0.19 0.00	31.59 -0.05 -2.98	324.52 5.56 -2.06	51.03 0.62 -21.28	34.91 0.55 -12.40	38.09 0.55 -1.81	32.85 0.32 -1.11	41.87 0.21 -2.25	30.28 -0.12 -1.26	27.70 -0.43 -0.45	26.24 -0.37 0.00	19.49 -0.31 0.00	28.88 -0.07 0.00	38.89 0.38 0.00	45.24 0.60 0.00	30.56 0.01 0.00	24.09 -0.19 0.00	24.53 -0.54 0.00	21.86 -0.30 0.00
BLACKRVR_115KV_TB2 79977	21.94 0.45 0.00	21.96 0.31 0.00	17.83 -0.17 0.00	18.22 -0.25 0.00	17.08 -0.27 0.00	17.25 -0.19 0.00	31.58 -0.05 -2.98	324.53 5.57 -2.06	51.03 0.63 -21.28	34.89 0.53 -12.40	38.09 0.56 -1.81	32.85 0.32 -1.11	41.86 0.20 -2.25	30.28 -0.12 -1.26	27.70 -0.43 -0.45	26.24 -0.37 0.00	19.49 -0.31 0.00	28.87 -0.07 0.00	38.89 0.38 0.00	45.24 0.60 0.00	30.56 0.01 0.00	24.09 -0.18 0.00	24.54 -0.54 0.00	21.86 -0.30 0.00
BLISS_WT_PWR 323608	21.07 -0.43 0.00	21.43 -0.21 0.00	17.52 -0.47 0.00	18.16 -0.31 0.00	17.06 -0.28 0.00	17.26 -0.18 0.00	33.69 0.03 -5.00	319.90 0.00 -2.99	61.12 -0.24 -32.24	40.28 0.02 -18.30	38.48 0.08 -2.67	33.09 0.04 -1.63	43.43 0.69 -3.32	31.40 0.40 -1.87	28.11 -0.24 -0.67	25.87 -0.77 -0.02	20.61 -0.50 -1.32	28.89 -0.42 -0.37	38.41 -0.16 -0.05	44.61 -0.03 0.00	30.16 -0.40 -0.01	23.88 -0.57 -0.18	24.88 -0.19 0.00	22.09 -0.07 0.00
BLUESTONE___WT_PWR 323821	22.00 0.51 0.00	22.14 0.50 0.00	18.35 0.36 0.00	18.90 0.43 0.00	17.80 0.46 0.00	17.99 0.55 0.00	35.46 1.30 -5.51	337.41 18.47 -2.04	67.08 1.38 -36.58	43.03 0.95 -20.11	40.17 1.51 -2.93	34.25 1.04 -1.79	44.77 1.71 -3.65	32.39 1.21 -2.05	29.53 1.12 -0.74	27.87 1.14 -0.11	27.50 0.85 -6.85	32.40 1.54 -1.91	40.98 2.18 -0.28	47.15 2.51 0.00	32.18 1.55 -0.07	26.16 0.93 -0.95	25.95 0.89 0.00	22.83 0.67 0.00
BLUE_CIRC_CHEM_DRP 24182	21.96 0.47 0.00	22.11 0.47 0.00	18.39 0.39 0.00	18.84 0.37 0.00	17.84 0.49 0.00	17.95 0.51 0.00	29.64 0.98 0.00	328.14 11.13 -0.11	36.54 0.91 -6.51	39.87 0.67 -17.24	36.68 0.96 0.00	32.27 0.85 0.00	40.39 0.98 0.00	29.83 0.70 0.00	28.45 0.78 0.00	28.06 0.85 -0.59	58.00 0.66 -37.54	40.40 1.00 -10.45	41.36 1.30 -1.55	46.16 1.52 0.00	31.98 1.02 -0.41	30.27 0.76 -5.24	25.80 0.73 0.00	22.63 0.47 0.00
BOC_GAS_DRP 24189	21.88 0.39 0.00	22.01 0.36 0.00	18.31 0.31 0.00	18.76 0.29 0.00	17.75 0.41 0.00	17.86 0.42 0.00	29.48 0.82 0.00	327.44 10.43 -0.11	36.52 0.88 -6.51	39.86 0.65 -17.24	36.65 0.93 0.00	32.25 0.84 0.00	40.36 0.94 0.00	29.82 0.69 0.00	28.44 0.77 0.00	28.04 0.83 -0.59	58.01 0.65 -37.57	40.37 0.97 -10.46	41.32 1.25 -1.55	46.11 1.46 0.00	31.93 0.97 -0.41	30.24 0.73 -5.24	25.77 0.70 0.00	22.61 0.45 0.00
BOONVILLE_115KV_TB1 79983	21.87 0.38 0.00	21.99 0.35 0.00	18.13 0.13 0.00	18.54 0.07 0.00	17.42 0.07 0.00	17.54 0.11 0.00	30.55 0.34 -1.55	323.94 6.06 -0.98	38.57 0.66 -8.78	27.80 0.45 -5.39	36.99 0.48 -0.79	32.31 0.41 -0.48	40.79 0.40 -0.98	29.91 0.23 -0.55	27.91 0.03 -0.20	26.64 0.02 0.00	19.88 0.09 0.00	29.31 0.36 0.00	39.24 0.72 0.00	45.54 0.90 0.00	31.00 0.45 0.00	24.61 0.33 0.00	25.29 0.21 0.00	22.37 0.21 0.00
BORALEX_4TH_BRANCH 23824	22.44 0.95 0.00	22.62 0.98 0.00	18.80 0.80 0.00	19.27 0.80 0.00	18.29 0.94 0.00	18.44 1.01 0.00	30.04 1.39 0.00	335.24 18.23 -0.11	37.22 1.66 -6.44	42.97 1.18 -19.82	37.49 1.76 0.00	32.94 1.52 0.00	41.43 2.02 0.00	30.49 1.36 0.00	29.04 1.36 0.00	28.70 1.50 -0.59	58.05 1.11 -37.14	41.00 1.71 -10.34	42.31 2.27 -1.53	47.27 2.63 0.00	32.93 1.97 -0.40	30.91 1.45 -5.18	26.43 1.36 0.00	23.22 1.06 0.00
BOWLINE___1 23526	22.48 0.99 0.00	22.59 0.95 0.00	18.77 0.78 0.00	19.25 0.78 0.00	18.20 0.86 0.00	18.36 0.92 0.00	30.41 1.75 0.00	336.85 19.83 -0.12	35.75 1.85 -4.78	-42.69 1.39 66.04	37.91 2.19 0.00	33.43 2.01 0.00	41.76 2.34 0.00	30.82 1.69 0.00	29.43 1.76 0.00	28.85 1.80 -0.43	48.68 1.31 -27.57	38.58 1.96 -7.68	42.16 2.50 -1.14	47.59 2.94 0.00	32.82 1.97 -0.30	29.61 1.49 -3.85	26.63 1.56 0.00	23.27 1.11 0.00
BOWLINE___2 23595	22.48 0.99 0.00	22.59 0.95 0.00	18.77 0.78 0.00	19.25 0.78 0.00	18.20 0.86 0.00	18.36 0.92 0.00	30.41 1.75 0.00	336.85 19.83 -0.12	35.75 1.85 -4.78	-42.72 1.39 66.08	37.91 2.19 0.00	33.43 2.01 0.00	41.76 2.34 0.00	30.82 1.69 0.00	29.43 1.76 0.00	28.85 1.80 -0.43	48.68 1.31 -27.58	38.58 1.96 -7.68	42.16 2.50 -1.14	47.59 2.95 0.00	32.82 1.97 -0.30	29.61 1.49 -3.85	26.63 1.55 0.00	23.27 1.11 0.00
BRADY___115KV_TB2 356060	21.76 0.27 0.00	21.86 0.22 0.00	18.20 0.20 0.00	18.70 0.23 0.00	17.43 0.08 0.00	17.50 0.06 0.00	28.68 0.03 0.00	318.46 1.27 -0.29	29.26 0.14 0.00	22.06 0.09 0.00	35.93 0.20 0.00	31.56 0.13 0.00	39.60 0.18 0.00	29.30 0.17 0.00	27.88 0.20 0.00	26.84 0.22 0.00	19.93 0.13 0.00	29.23 0.28 0.00	38.77 0.26 0.00	44.83 0.19 0.00	30.72 0.17 0.00	24.37 0.10 0.00	25.13 0.06 0.00	22.26 0.10 0.00
BRANSCOMB___SOLAR 323811	22.37 0.88 0.00	22.49 0.85 0.00	18.71 0.71 0.00	19.17 0.71 0.00	18.14 0.79 0.00	18.30 0.87 0.00	30.21 1.55 0.00	336.79 19.78 -0.11	37.51 1.71 -6.67	40.25 1.19 -17.09	37.54 1.81 0.00	32.90 1.48 0.00	41.31 1.90 0.00	30.51 1.38 0.00	29.11 1.43 0.00	28.74 1.52 -0.61	59.50 1.20 -38.50	41.54 1.87 -10.72	42.65 2.55 -1.59	47.58 2.93 0.00	32.91 1.94 -0.42	31.07 1.43 -5.37	26.41 1.34 0.00	23.09 0.93 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	22.99 1.50 0.00	23.16 1.52 0.00	19.22 1.23 0.00	19.70 1.23 0.00	18.69 1.35 0.00	18.90 1.46 0.00	31.11 2.45 0.00	338.93 21.91 -0.12	36.73 2.47 -5.14	71.44 1.94 -47.54	38.11 2.38 0.00	33.98 2.56 0.00	42.51 3.09 0.00	31.63 2.50 0.00	30.62 2.95 0.00	30.05 2.96 -0.47	51.64 2.22 -29.63	40.00 2.80 -8.25	43.12 3.39 -1.22	48.22 3.58 0.00	33.72 2.85 -0.32	30.67 2.27 -4.13	27.51 2.44 0.00	23.98 1.83 0.00
BRISTLHL_115KV_TB1 79998	21.62 0.13 0.00	21.78 0.14 0.00	18.04 0.04 0.00	18.52 0.06 0.00	17.40 0.05 0.00	17.52 0.08 0.00	34.01 0.29 -5.06	326.34 6.50 -2.94	61.86 0.46 -32.28	40.97 0.24 -18.77	38.76 0.30 -2.74	33.40 0.31 -1.67	43.27 0.45 -3.41	31.37 0.32 -1.91	28.44 0.08 -0.69	26.57 -0.05 -0.01	19.32 -0.47 0.00	28.18 -0.77 0.00	37.76 -0.75 0.00	43.84 -0.80 0.00	29.97 -0.58 0.00	23.88 -0.39 0.00	24.68 -0.39 0.00	21.88 -0.28 0.00
BROOKHAVEN___DRP 24191	22.95 1.46 0.00	23.11 1.47 0.00	19.19 1.20 0.00	19.67 1.20 0.00	18.68 1.34 0.00	18.89 1.45 0.00	31.14 2.49 0.00	341.10 24.07 -0.12	36.70 2.44 -5.14	71.44 1.95 -47.54	37.81 2.08 0.00	33.80 2.38 0.00	42.33 2.91 0.00	31.50 2.37 0.00	30.58 2.91 0.00	30.03 2.95 -0.47	51.65 2.23 -29.63	40.15 2.96 -8.25	43.33 3.59 -1.22	48.58 3.94 0.00	33.79 2.91 -0.32	30.59 2.18 -4.13	27.42 2.35 0.00	23.91 1.75 0.00



BROOKLYN_NAVY_YARD 23515	22.70 1.22 0.00	22.83 1.19 0.00	18.98 0.98 0.00	19.44 0.97 0.00	18.39 1.05 0.00	18.58 1.14 0.00	30.85 2.19 0.00	341.12 24.09 -0.12	36.51 2.26 -5.13	71.30 1.69 -47.65	38.52 2.79 0.00	33.96 2.53 0.00	42.31 2.89 0.00	31.21 2.08 0.00	29.81 2.13 0.00	29.29 2.21 -0.47	50.97 1.57 -29.61	39.48 2.29 -8.24	42.63 2.89 -1.22	48.10 3.46 0.00	33.14 2.27 -0.32	30.17 1.76 -4.13	26.95 1.88 0.00	23.52 1.36 0.00
BROOKLYN___ARMY_DRP 323595	22.70 1.21 0.00	22.80 1.16 0.00	18.96 0.96 0.00	19.41 0.94 0.00	18.37 1.03 0.00	18.56 1.12 0.00	30.82 2.17 0.00	341.05 24.03 -0.12	36.48 2.22 -5.13	71.26 1.65 -47.65	38.50 2.77 0.00	33.98 2.56 0.00	43.41 2.94 -1.06	31.26 2.13 0.00	29.89 2.21 0.00	29.34 2.26 -0.47	51.01 1.60 -29.61	39.54 2.35 -8.24	42.72 2.98 -1.22	48.19 3.54 0.00	33.29 2.42 -0.32	30.28 1.88 -4.13	27.02 1.95 0.00	23.58 1.42 0.00
BROOKVLE_69_KV_TB1 55790	22.77 1.28 0.00	22.91 1.26 0.00	19.02 1.02 0.00	19.48 1.02 0.00	18.47 1.12 0.00	18.65 1.22 0.00	30.84 2.18 0.00	340.06 23.04 -0.12	36.55 2.29 -5.14	71.25 1.75 -47.54	38.36 2.63 0.00	33.95 2.53 0.00	42.39 2.98 0.00	31.43 2.30 0.00	30.12 2.44 0.00	29.53 2.45 -0.47	51.20 1.77 -29.63	39.72 2.52 -8.25	42.88 3.15 -1.22	48.27 3.63 0.00	33.41 2.54 -0.32	30.35 1.95 -4.13	27.10 2.03 0.00	23.68 1.51 -0.01
BROOME_2_LFGE 323671	21.33 -0.16 0.00	21.53 -0.12 0.00	17.83 -0.17 0.00	18.39 -0.08 0.00	17.25 -0.09 0.00	17.37 -0.07 0.00	36.33 0.13 -7.54	324.33 4.71 -2.71	78.45 0.20 -49.13	49.58 0.04 -27.57	39.74 -0.01 -4.02	33.82 -0.06 -2.46	44.61 0.20 -5.00	32.09 0.15 -2.81	28.55 -0.14 -1.01	26.44 -0.22 -0.04	22.29 -0.24 -2.73	29.48 -0.23 -0.76	38.50 -0.13 -0.11	44.62 -0.02 0.00	30.44 -0.15 -0.03	24.45 -0.20 -0.38	24.95 -0.12 0.00	22.06 -0.10 0.00
BROOME___LFGE 323600	21.33 -0.16 0.00	21.53 -0.12 0.00	17.83 -0.17 0.00	18.39 -0.08 0.00	17.25 -0.09 0.00	17.37 -0.07 0.00	36.33 0.13 -7.54	324.33 4.71 -2.71	78.45 0.20 -49.13	49.58 0.04 -27.57	39.74 -0.01 -4.02	33.82 -0.06 -2.46	44.61 0.20 -5.00	32.09 0.15 -2.81	28.55 -0.14 -1.01	26.44 -0.22 -0.04	22.29 -0.24 -2.73	29.48 -0.23 -0.76	38.50 -0.13 -0.11	44.62 -0.02 0.00	30.44 -0.15 -0.03	24.45 -0.20 -0.38	24.95 -0.12 0.00	22.06 -0.10 0.00
BROWNFLS_115KV_TB_3_5 80003	21.61 0.11 0.00	21.68 0.04 0.00	17.85 -0.15 0.00	18.26 -0.20 0.00	17.07 -0.27 0.00	17.17 -0.27 0.00	29.65 -0.40 -1.39	314.44 -3.26 -0.79	28.98 -0.15 0.00	21.87 -0.09 0.00	35.52 -0.20 0.00	31.13 -0.29 0.00	38.92 -0.49 0.00	28.65 -0.48 0.00	27.15 -0.53 0.00	26.16 -0.46 0.00	19.47 -0.33 0.00	28.75 -0.20 0.00	38.51 0.00 0.00	44.61 -0.03 0.00	30.38 -0.17 0.00	24.01 -0.26 0.00	24.64 -0.43 0.00	21.86 -0.29 0.00
BROWNSV1_27_KV_LOAD 356125	22.83 1.34 0.00	22.94 1.30 0.00	19.07 1.07 0.00	19.53 1.06 0.00	18.48 1.13 0.00	18.67 1.23 0.00	31.02 2.36 0.00	343.38 26.35 -0.12	36.71 2.45 -5.13	71.50 1.88 -47.65	38.77 3.04 0.00	34.17 2.75 0.00	42.61 3.19 0.00	31.45 2.32 0.00	30.03 2.36 0.00	29.51 2.43 -0.47	51.14 1.73 -29.61	39.72 2.53 -8.24	42.97 3.23 -1.22	48.49 3.85 0.00	33.41 2.54 -0.32	30.37 1.97 -4.13	27.13 2.06 0.00	23.68 1.52 0.00
BURROWS___LYONSDAL 23803	21.85 0.36 0.00	21.95 0.31 0.00	18.04 0.04 0.00	18.43 -0.04 0.00	17.30 -0.04 0.00	17.42 -0.02 0.00	30.45 0.15 -1.64	322.11 4.20 -1.00	38.85 0.55 -9.18	27.97 0.38 -5.63	36.93 0.38 -0.82	32.21 0.28 -0.50	40.62 0.19 -1.02	29.73 0.02 -0.57	27.71 -0.18 -0.21	26.45 -0.17 0.00	19.75 -0.05 0.00	29.17 0.22 0.00	39.09 0.58 0.00	45.38 0.74 0.00	30.87 0.32 0.00	24.46 0.19 0.00	25.10 0.03 0.00	22.23 0.07 0.00
CAITHNESS_CC_1 323624	22.90 1.41 0.00	23.06 1.42 0.00	19.15 1.16 0.00	19.63 1.16 0.00	18.64 1.29 0.00	18.85 1.41 0.00	31.06 2.40 0.00	340.17 23.15 -0.12	36.67 2.41 -5.14	71.25 1.75 -47.54	37.73 2.00 0.00	33.74 2.32 0.00	42.24 2.82 0.00	31.36 2.23 0.00	30.49 2.81 0.00	29.93 2.85 -0.47	51.58 2.16 -29.63	40.04 2.84 -8.25	43.17 3.43 -1.22	48.40 3.76 0.00	33.66 2.79 -0.32	30.51 2.11 -4.13	27.36 2.29 0.00	23.85 1.69 0.00
CALPINE BETH_PAGE_GT4 24209	22.79 1.30 0.00	22.94 1.29 0.00	19.04 1.05 0.00	19.51 1.04 0.00	18.50 1.15 0.00	18.69 1.26 0.00	30.82 2.16 0.00	338.94 21.91 -0.12	36.51 2.24 -5.14	71.22 1.72 -47.54	38.09 2.37 0.00	33.84 2.42 0.00	42.23 2.82 0.00	31.41 2.28 0.00	30.11 2.43 0.00	29.50 2.41 -0.47	51.18 1.76 -29.63	39.62 2.42 -8.25	42.70 2.96 -1.22	47.99 3.34 0.00	33.30 2.42 -0.32	30.30 1.89 -4.13	27.13 2.05 0.00	23.71 1.55 0.00
CALPINE_BETH_PAGE_GT_4 323586	22.79 1.30 0.00	22.94 1.29 0.00	19.04 1.04 0.00	19.51 1.04 0.00	18.50 1.15 0.00	18.70 1.26 0.00	30.82 2.16 0.00	338.90 21.88 -0.12	36.53 2.27 -5.14	71.16 1.66 -47.54	38.10 2.37 0.00	33.84 2.42 0.00	42.23 2.82 0.00	31.37 2.24 0.00	30.10 2.42 0.00	29.49 2.41 -0.47	51.19 1.76 -29.63	39.61 2.42 -8.25	42.69 2.96 -1.22	47.99 3.34 0.00	33.30 2.42 -0.32	30.30 1.89 -4.13	27.13 2.06 0.00	23.71 1.54 0.00
CALPINE_BP_GT1 23823	22.79 1.30 0.00	22.94 1.29 0.00	19.04 1.04 0.00	19.51 1.04 0.00	18.50 1.15 0.00	18.70 1.26 0.00	30.82 2.16 0.00	338.90 21.88 -0.12	36.53 2.27 -5.14	71.16 1.66 -47.54	38.10 2.37 0.00	33.84 2.42 0.00	42.23 2.82 0.00	31.37 2.24 0.00	30.10 2.42 0.00	29.49 2.41 -0.47	51.19 1.76 -29.63	39.61 2.42 -8.25	42.69 2.96 -1.22	47.99 3.34 0.00	33.30 2.42 -0.32	30.30 1.89 -4.13	27.13 2.06 0.00	23.71 1.54 0.00
CALSPAN___DRP 24200	20.67 -0.82 0.00	21.02 -0.62 0.00	17.42 -0.58 0.00	18.09 -0.38 0.00	16.98 -0.37 0.00	17.10 -0.34 0.00	32.94 -0.49 -4.77	312.41 -7.50 -3.01	59.20 -0.69 -30.77	39.08 -0.36 -17.48	37.74 -0.54 -2.55	32.51 -0.47 -1.56	42.33 -0.25 -3.17	30.73 -0.18 -1.78	27.70 -0.62 -0.64	25.75 -0.88 -0.02	20.31 -0.72 -1.24	28.24 -1.05 -0.35	37.42 -1.15 -0.05	43.65 -1.00 0.00	29.68 -0.89 -0.01	23.62 -0.83 -0.17	24.54 -0.53 0.00	21.74 -0.42 0.00
CALVERTON___SOLAR 323806	23.02 1.53 0.00	23.17 1.53 0.00	19.24 1.25 0.00	19.73 1.26 0.00	18.73 1.39 0.00	18.95 1.51 0.00	31.25 2.59 0.00	342.28 25.26 -0.12	36.84 2.58 -5.14	71.38 1.88 -47.54	37.94 2.21 0.00	33.88 2.46 0.00	42.44 3.03 0.00	31.52 2.39 0.00	30.68 3.01 0.00	30.14 3.06 -0.47	51.76 2.34 -29.63	40.31 3.11 -8.25	43.53 3.79 -1.22	48.82 4.18 0.00	33.95 3.07 -0.32	30.68 2.27 -4.13	27.51 2.44 0.00	23.98 1.82 0.00
CANDIGU_WT_PWR 323617	20.74 -0.75 0.00	21.06 -0.58 0.00	17.46 -0.53 0.00	18.04 -0.43 0.00	17.02 -0.33 0.00	17.12 -0.31 0.00	34.36 -0.39 -6.09	316.80 -3.04 -2.93	68.15 -0.35 -39.37	43.98 -0.28 -22.30	38.56 -0.42 -3.25	32.86 -0.55 -1.99	43.17 -0.29 -4.05	31.27 -0.14 -2.27	28.01 -0.49 -0.82	26.01 -0.63 -0.03	20.79 -0.65 -1.64	28.63 -0.78 -0.46	38.10 -0.48 -0.07	44.32 -0.32 0.00	30.01 -0.56 -0.02	23.87 -0.63 -0.23	24.50 -0.57 0.00	21.86 -0.30 0.00

CARR STREET_E_SYR 24060	21.24 -0.25 0.00	21.41 -0.23 0.00	17.76 -0.23 0.00	18.25 -0.22 0.00	17.14 -0.21 0.00	17.24 -0.20 0.00	34.03 -0.23 -5.60	319.64 -0.17 -2.90	64.72 -0.18 -35.78	42.37 -0.17 -20.58	38.37 -0.36 -3.00	32.96 -0.29 -1.83	42.87 -0.28 -3.73	31.04 -0.19 -2.10	28.07 -0.36 -0.75	26.15 -0.48 -0.01	20.16 -0.32 -0.68	28.69 -0.44 -0.19	37.96 -0.58 -0.03	44.03 -0.61 0.00	30.09 -0.46 -0.01	24.03 -0.33 -0.09	24.75 -0.32 0.00	21.95 -0.21 0.00
CARTHAGE___PAPER 23857	21.95 0.46 0.00	21.98 0.34 0.00	17.91 -0.08 0.00	18.29 -0.17 0.00	17.14 -0.21 0.00	17.29 -0.15 0.00	31.23 -0.04 -2.61	322.24 3.62 -1.71	47.08 0.51 -17.44	32.57 0.44 -10.16	37.64 0.43 -1.48	32.54 0.22 -0.91	41.33 0.07 -1.85	29.98 -0.19 -1.04	27.62 -0.43 -0.37	26.27 -0.35 0.00	19.55 -0.24 0.00	28.99 0.05 0.00	39.01 0.50 0.00	45.33 0.69 0.00	30.68 0.13 0.00	24.21 -0.07 0.00	24.70 -0.37 0.00	21.97 -0.19 0.00
CASSADAGA_WT_PWR 323784	20.85 -0.64 0.00	21.05 -0.59 0.00	17.40 -0.60 0.00	18.10 -0.36 0.00	17.09 -0.26 0.00	17.19 -0.25 0.00	33.60 -0.05 -4.99	319.84 -0.06 -2.99	61.24 -0.06 -32.17	40.37 0.14 -18.27	38.40 0.01 -2.66	33.17 0.12 -1.63	43.30 0.57 -3.32	31.11 0.11 -1.86	27.94 -0.41 -0.67	25.94 -0.70 -0.02	20.86 -0.25 -1.31	29.10 -0.21 -0.37	38.34 -0.23 -0.05	44.46 -0.18 0.00	30.09 -0.47 -0.01	23.86 -0.59 -0.18	24.84 -0.24 0.00	21.82 -0.33 0.00
CE_DUNWOOD___DRP 24194	22.56 1.07 0.00	22.67 1.03 0.00	18.84 0.85 0.00	19.31 0.84 0.00	18.27 0.92 0.00	18.43 1.00 0.00	30.56 1.90 0.00	338.40 21.38 -0.12	36.22 2.00 -5.10	72.42 1.52 -48.94	38.12 2.39 0.00	33.61 2.18 0.00	41.96 2.54 0.00	30.98 1.84 0.00	29.59 1.91 0.00	29.06 1.98 -0.46	50.64 1.43 -29.42	39.24 2.11 -8.19	42.41 2.69 -1.21	47.82 3.17 0.00	32.98 2.11 -0.32	29.98 1.61 -4.10	26.74 1.67 0.00	23.36 1.20 0.00
CE_MILLWOOD___DRP 24193	22.53 1.04 0.00	22.64 1.00 0.00	18.82 0.82 0.00	19.28 0.81 0.00	18.24 0.90 0.00	18.41 0.97 0.00	30.51 1.85 0.00	337.82 20.79 -0.12	36.11 1.94 -5.05	73.25 1.48 -49.81	38.05 2.32 0.00	33.53 2.11 0.00	41.87 2.46 0.00	30.91 1.78 0.00	29.53 1.85 0.00	28.99 1.91 -0.46	50.31 1.39 -29.12	39.11 2.05 -8.11	42.34 2.63 -1.20	47.74 3.10 0.00	32.94 2.07 -0.32	29.90 1.56 -4.06	26.69 1.62 0.00	23.33 1.17 0.00
CE_NYC2_DRP 24202	22.69 1.20 0.00	22.80 1.16 0.00	18.97 0.97 0.00	19.42 0.95 0.00	18.38 1.04 0.00	18.57 1.13 0.00	30.82 2.17 0.00	341.22 24.20 -0.12	36.52 2.26 -5.13	71.29 1.68 -47.65	38.49 2.77 0.00	33.97 2.54 0.00	43.40 2.94 -1.06	31.25 2.12 0.00	29.86 2.18 0.00	29.33 2.25 -0.47	51.00 1.60 -29.61	39.53 2.34 -8.24	42.69 2.95 -1.22	48.13 3.48 0.00	33.22 2.34 -0.32	30.21 1.81 -4.13	26.95 1.88 0.00	23.54 1.39 0.00
CE_NYC_DRP 24195	22.67 1.18 0.00	22.78 1.14 0.00	18.94 0.95 0.00	19.40 0.94 0.00	18.36 1.01 0.00	18.54 1.11 0.00	30.80 2.14 0.00	340.81 23.78 -0.12	36.47 2.22 -5.13	71.31 1.70 -47.65	38.46 2.74 0.00	33.91 2.49 0.00	42.29 2.88 0.00	31.20 2.07 0.00	29.81 2.13 0.00	29.30 2.22 -0.47	50.97 1.57 -29.61	39.47 2.28 -8.24	42.62 2.89 -1.22	48.09 3.45 0.00	33.14 2.26 -0.32	30.15 1.75 -4.13	26.91 1.84 0.00	23.50 1.34 0.00
CHAFFEE___LFGE 323603	20.72 -0.77 0.00	21.07 -0.57 0.00	17.46 -0.54 0.00	18.13 -0.34 0.00	17.00 -0.34 0.00	17.13 -0.30 0.00	33.14 -0.40 -4.88	313.48 -6.42 -3.00	60.02 -0.61 -31.50	39.66 -0.19 -17.89	37.96 -0.37 -2.61	32.67 -0.34 -1.59	42.60 -0.06 -3.25	30.92 -0.04 -1.82	27.85 -0.48 -0.66	25.87 -0.77 -0.02	20.43 -0.65 -1.28	28.37 -0.93 -0.36	37.57 -1.00 -0.05	43.86 -0.78 0.00	29.81 -0.75 -0.01	23.70 -0.75 -0.18	24.60 -0.47 0.00	21.79 -0.37 0.00
CHATEAUG_35_KV_LOAD 355732	21.75 0.26 0.00	21.84 0.20 0.00	18.24 0.24 0.00	18.63 0.16 0.00	17.38 0.03 0.00	17.50 0.06 0.00	28.60 -0.06 0.00	314.62 -2.49 -0.21	29.12 -0.01 0.00	21.95 -0.01 0.00	35.72 -0.01 0.00	31.60 0.18 0.00	39.91 0.49 0.00	29.44 0.32 0.00	28.43 0.75 0.00	27.51 0.89 0.00	20.34 0.54 0.00	29.85 0.90 0.00	39.63 1.11 0.00	45.12 0.47 0.00	31.06 0.51 0.00	24.56 0.29 0.00	25.21 0.14 0.00	22.39 0.22 0.00
CHATEAUG_WT_PWR 323614	21.73 0.24 0.00	21.82 0.18 0.00	18.22 0.23 0.00	18.60 0.13 0.00	17.37 0.03 0.00	17.49 0.06 0.00	28.56 -0.09 0.00	314.86 -2.23 -0.18	29.11 -0.01 0.00	21.92 -0.04 0.00	35.72 -0.01 0.00	31.60 0.18 0.00	39.92 0.51 0.00	29.44 0.30 0.00	28.45 0.77 0.00	27.54 0.92 0.00	20.35 0.55 0.00	29.84 0.90 0.00	39.62 1.10 0.00	45.05 0.41 0.00	31.00 0.45 0.00	24.52 0.25 0.00	25.16 0.09 0.00	22.33 0.17 0.00
CHAT_HIGH_FALL_HYD 323578	21.75 0.26 0.00	21.84 0.20 0.00	18.24 0.24 0.00	18.63 0.16 0.00	17.38 0.03 0.00	17.50 0.06 0.00	28.60 -0.06 0.00	314.56 -2.55 -0.21	29.12 -0.01 0.00	21.94 -0.03 0.00	35.72 -0.01 0.00	31.60 0.18 0.00	39.90 0.49 0.00	29.44 0.31 0.00	28.43 0.75 0.00	27.51 0.89 0.00	20.34 0.54 0.00	29.85 0.90 0.00	39.62 1.11 0.00	45.12 0.48 0.00	31.06 0.51 0.00	24.56 0.29 0.00	25.21 0.14 0.00	22.38 0.22 0.00
CHAUTAUQUA___LFGE 323629	20.82 -0.67 0.00	21.11 -0.53 0.00	17.47 -0.53 0.00	18.17 -0.30 0.00	17.05 -0.29 0.00	17.18 -0.26 0.00	33.38 -0.20 -4.92	317.18 -2.72 -3.00	60.56 -0.30 -31.74	39.94 -0.05 -18.03	38.16 -0.20 -2.63	32.89 -0.13 -1.61	42.93 0.24 -3.27	31.05 0.08 -1.84	27.95 -0.39 -0.66	25.97 -0.67 -0.02	20.61 -0.48 -1.29	28.71 -0.60 -0.36	37.94 -0.63 -0.05	44.12 -0.52 0.00	29.96 -0.60 -0.01	23.78 -0.67 -0.18	24.71 -0.36 0.00	21.82 -0.34 0.00
CHERRYST_13_KV_LD 356241	22.72 1.22 0.00	22.83 1.19 0.00	18.98 0.98 0.00	19.44 0.98 0.00	18.40 1.05 0.00	18.58 1.15 0.00	30.87 2.21 0.00	341.73 24.71 -0.12	36.55 2.29 -5.13	71.37 1.76 -47.65	38.56 2.84 0.00	34.01 2.59 0.00	42.41 3.00 0.00	31.29 2.16 0.00	29.89 2.21 0.00	29.38 2.30 -0.47	51.03 1.62 -29.61	39.55 2.36 -8.24	42.73 2.99 -1.22	48.20 3.56 0.00	33.20 2.33 -0.32	30.21 1.80 -4.13	26.96 1.89 0.00	23.55 1.38 0.00
CHESTROR_138KV_BK263 355645	22.41 0.92 0.00	22.52 0.88 0.00	18.72 0.73 0.00	19.20 0.73 0.00	18.14 0.79 0.00	18.29 0.85 0.00	30.28 1.62 0.00	335.26 18.23 -0.12	35.20 1.68 -4.40	-27.74 1.29 50.99	37.70 1.97 0.00	33.21 1.79 0.00	41.57 2.16 0.00	30.67 1.54 0.00	29.24 1.56 0.00	28.63 1.61 -0.40	46.38 1.18 -25.40	37.80 1.77 -7.07	41.86 2.30 -1.05	47.35 2.71 0.00	32.65 1.82 -0.28	29.18 1.37 -3.54	26.49 1.42 0.00	23.18 1.02 0.00
CH_MIDHUDSON___DRP 24192	22.51 1.02 0.00	22.62 0.99 0.00	18.81 0.81 0.00	19.27 0.80 0.00	18.25 0.90 0.00	18.41 0.97 0.00	30.47 1.81 0.00	337.82 20.80 -0.12	36.41 1.94 -5.35	41.14 1.46 -17.72	37.94 2.22 0.00	33.42 1.99 0.00	41.74 2.33 0.00	30.84 1.71 0.00	29.41 1.74 0.00	28.90 1.80 -0.49	51.97 1.33 -30.85	39.55 2.02 -8.59	42.41 2.62 -1.27	47.73 3.09 0.00	32.95 2.06 -0.34	30.11 1.54 -4.30	26.65 1.58 0.00	23.29 1.13 0.00

CH_MISC_IPPS 23765	22.65 1.16 0.00	22.75 1.11 0.00	18.92 0.92 0.00	19.38 0.91 0.00	18.34 1.00 0.00	18.51 1.07 0.00	30.66 2.00 0.00	339.93 22.90 -0.12	36.38 2.13 -5.13	29.10 1.57 -5.57	38.17 2.44 0.00	33.61 2.19 0.00	42.02 2.61 0.00	31.02 1.89 0.00	29.58 1.91 0.00	29.04 1.96 -0.47	50.85 1.45 -29.60	39.40 2.21 -8.24	42.65 2.91 -1.22	48.07 3.43 0.00	33.15 2.28 -0.32	30.12 1.72 -4.13	26.83 1.76 0.00	23.45 1.29 0.00
CH_RES_BVR_FALLS 23983	21.43 -0.06 0.00	21.56 -0.08 0.00	17.95 -0.05 0.00	18.43 -0.04 0.00	17.24 -0.10 0.00	17.32 -0.12 0.00	28.40 -0.25 0.00	313.29 -3.80 -0.19	28.79 -0.34 0.00	21.71 -0.25 0.00	35.39 -0.34 0.00	31.09 -0.33 0.00	39.02 -0.40 0.00	28.87 -0.27 0.00	27.46 -0.21 0.00	26.41 -0.20 0.00	19.63 -0.17 0.00	28.71 -0.24 0.00	38.17 -0.35 0.00	44.19 -0.46 0.00	30.27 -0.29 0.00	24.05 -0.22 0.00	24.84 -0.24 0.00	21.99 -0.17 0.00
CH_RES_NIAGARA 23895	19.97 -1.52 0.00	20.34 -1.30 0.00	16.88 -1.11 0.00	17.54 -0.93 0.00	16.45 -0.89 0.00	16.56 -0.88 0.00	31.61 -1.56 -4.51	296.95 -22.98 -3.03	55.86 -2.17 -28.91	37.24 -1.25 -16.53	36.06 -2.08 -2.41	31.11 -1.78 -1.47	40.43 -1.98 -3.00	29.48 -1.33 -1.69	26.63 -1.66 -0.61	24.68 -1.96 -0.02	19.45 -1.51 -1.16	26.99 -2.28 -0.32	35.59 -2.97 -0.05	41.59 -3.05 0.00	28.38 -2.19 -0.01	22.64 -1.79 -0.16	23.57 -1.50 0.00	21.02 -1.14 0.00
CH_RES_SYRACUSE 23985	21.43 -0.06 0.00	21.62 -0.03 0.00	17.93 -0.06 0.00	18.41 -0.06 0.00	17.29 -0.05 0.00	17.42 -0.01 0.00	36.43 0.12 -7.65	327.32 7.24 -3.17	77.31 0.39 -47.79	50.10 0.03 -28.11	39.78 -0.05 -4.10	33.92 -0.01 -2.50	44.60 0.09 -5.10	32.06 0.06 -2.87	28.58 -0.13 -1.03	26.36 -0.27 -0.01	20.37 -0.17 -0.75	28.94 -0.21 -0.21	38.21 -0.34 -0.03	44.31 -0.33 0.00	30.29 -0.27 -0.01	24.21 -0.17 -0.10	24.92 -0.15 0.00	22.20 0.04 0.00
CLINTON_WT_PWR 323605	21.73 0.24 0.00	21.82 0.18 0.00	18.22 0.23 0.00	18.60 0.13 0.00	17.37 0.03 0.00	17.49 0.06 0.00	28.56 -0.09 0.00	314.86 -2.23 -0.18	29.11 -0.01 0.00	21.92 -0.04 0.00	35.72 -0.01 0.00	31.60 0.18 0.00	39.92 0.51 0.00	29.44 0.30 0.00	28.45 0.77 0.00	27.54 0.92 0.00	20.35 0.55 0.00	29.84 0.90 0.00	39.62 1.10 0.00	45.05 0.41 0.00	31.00 0.45 0.00	24.52 0.25 0.00	25.16 0.09 0.00	22.33 0.17 0.00
CLINTON__LFGE 323618	22.05 0.56 0.00	22.14 0.50 0.00	18.48 0.48 0.00	18.85 0.39 0.00	17.62 0.27 0.00	17.76 0.32 0.00	29.01 0.35 0.00	320.40 3.31 -0.19	29.61 0.48 0.00	22.25 0.29 0.00	36.27 0.54 0.00	32.10 0.68 0.00	40.53 1.12 0.00	29.86 0.72 0.00	28.88 1.20 0.00	27.98 1.37 0.00	20.68 0.89 0.00	30.34 1.40 0.00	40.34 1.82 0.00	45.83 1.19 0.00	31.49 0.94 0.00	24.93 0.66 0.00	25.53 0.46 0.00	22.61 0.45 0.00
COBBLENY_34_KV_TB1 80064	20.72 -0.77 0.00	21.06 -0.58 0.00	17.46 -0.54 0.00	18.13 -0.34 0.00	17.00 -0.34 0.00	17.13 -0.30 0.00	33.13 -0.42 -4.88	313.43 -6.48 -3.00	60.05 -0.57 -31.50	39.58 -0.27 -17.89	37.97 -0.37 -2.61	32.67 -0.35 -1.59	42.55 -0.10 -3.25	30.87 -0.08 -1.82	27.83 -0.51 -0.66	25.87 -0.77 -0.02	20.43 -0.64 -1.28	28.36 -0.94 -0.36	37.57 -1.00 -0.05	43.86 -0.78 0.00	29.81 -0.75 -0.01	23.71 -0.74 -0.18	24.63 -0.44 0.00	21.79 -0.37 0.00
COFFEEN__115KV_TB3 355620	22.07 0.58 0.00	22.09 0.45 0.00	17.96 -0.04 0.00	18.35 -0.12 0.00	17.21 -0.14 0.00	17.39 -0.05 0.00	31.91 0.21 -3.05	327.42 8.43 -2.09	51.63 0.89 -21.62	35.27 0.71 -12.60	38.38 0.81 -1.84	33.11 0.57 -1.12	42.21 0.51 -2.29	30.55 0.14 -1.29	27.93 -0.20 -0.46	26.47 -0.15 0.00	19.64 -0.15 0.00	29.09 0.14 0.00	39.18 0.67 0.00	45.58 0.93 0.00	30.78 0.23 0.00	24.27 0.00 0.00	24.72 -0.35 0.00	22.00 -0.15 0.00
COLDSPRG_115KV_BK1 355956	21.47 -0.02 0.00	21.74 0.10 0.00	17.97 -0.02 0.00	18.68 0.21 0.00	17.55 0.20 0.00	17.68 0.24 0.00	34.52 0.77 -5.09	329.92 10.02 -2.99	62.84 0.86 -32.86	41.33 0.72 -18.65	39.54 1.10 -2.72	34.07 0.99 -1.66	44.40 1.60 -3.38	32.04 1.01 -1.90	28.83 0.47 -0.68	26.82 0.18 -0.02	21.36 0.22 -1.35	29.71 0.39 -0.37	39.30 0.72 -0.05	45.72 1.08 0.00	30.98 0.42 -0.02	24.62 0.16 -0.19	25.54 0.47 0.00	22.49 0.33 0.00
COLONIE_LFGE__ 323577	22.10 0.61 0.00	22.23 0.59 0.00	18.49 0.49 0.00	18.94 0.47 0.00	17.93 0.58 0.00	18.06 0.63 0.00	29.77 1.11 0.00	331.55 14.53 -0.11	36.99 1.25 -6.62	40.40 0.88 -17.55	37.04 1.31 0.00	32.53 1.11 0.00	40.78 1.37 0.00	30.11 0.98 0.00	28.73 1.05 0.00	28.35 1.13 -0.60	58.86 0.89 -38.17	40.95 1.37 -10.63	41.90 1.81 -1.57	46.75 2.11 0.00	32.40 1.43 -0.42	30.65 1.05 -5.32	26.07 1.00 0.00	22.84 0.68 0.00
COOPERNY_115KV_TB1 80082	22.23 0.74 0.00	22.35 0.71 0.00	18.58 0.58 0.00	19.05 0.59 0.00	17.99 0.65 0.00	18.12 0.68 0.00	29.95 1.29 0.00	331.76 14.73 -0.12	33.87 1.34 -3.40	-2.47 1.01 25.45	37.30 1.57 0.00	32.86 1.44 0.00	41.13 1.72 0.00	30.35 1.22 0.00	28.92 1.25 0.00	28.20 1.27 -0.31	40.36 0.94 -19.63	35.81 1.40 -5.47	41.13 1.80 -0.81	46.77 2.13 0.00	32.20 1.44 -0.21	28.11 1.10 -2.74	26.20 1.13 0.00	22.98 0.82 0.00
COPENHAGEN_WT_PWR 323753	21.87 0.38 0.00	21.86 0.22 0.00	17.68 -0.31 0.00	18.07 -0.40 0.00	16.93 -0.41 0.00	17.09 -0.34 0.00	31.50 -0.32 -3.17	321.78 2.73 -2.14	51.73 0.39 -22.22	35.32 0.41 -12.95	37.95 0.34 -1.89	32.68 0.11 -1.15	41.69 -0.07 -2.35	30.07 -0.39 -1.32	27.45 -0.70 -0.47	26.00 -0.62 0.00	19.31 -0.48 0.00	28.63 -0.31 0.00	38.59 0.07 0.00	44.92 0.28 0.00	30.31 -0.24 0.00	23.88 -0.39 0.00	24.30 -0.78 0.00	21.70 -0.47 0.00
CORNELL____ 23752	21.64 0.15 0.00	21.82 0.18 0.00	18.08 0.08 0.00	18.62 0.15 0.00	17.50 0.15 0.00	17.64 0.20 0.00	36.91 0.56 -7.70	330.15 10.41 -2.84	79.13 0.66 -49.35	50.27 0.28 -28.03	40.12 0.31 -4.08	34.14 0.22 -2.50	45.09 0.59 -5.09	32.50 0.51 -2.86	28.97 0.27 -1.03	26.77 0.12 -0.03	21.87 0.11 -1.97	29.77 0.28 -0.55	39.20 0.60 -0.08	45.44 0.80 0.00	31.01 0.43 -0.02	24.83 0.29 -0.28	25.37 0.30 0.00	22.46 0.30 0.00
CORONAAV_69_KV_TB1 355595	22.79 1.30 0.00	22.92 1.27 0.00	19.03 1.04 0.00	19.50 1.03 0.00	18.47 1.13 0.00	18.68 1.24 0.00	30.75 2.09 0.00	337.77 20.75 -0.12	36.45 2.19 -5.14	71.14 1.64 -47.54	38.13 2.40 0.00	33.79 2.37 0.00	42.15 2.74 0.00	31.32 2.19 0.00	30.07 2.38 -0.02	29.44 2.36 -0.47	51.12 1.70 -29.63	39.61 2.42 -8.25	42.70 2.96 -1.22	48.02 3.38 0.00	33.32 2.44 -0.32	30.37 1.95 -4.14	27.13 2.06 0.00	23.73 1.55 -0.02
CORTLAND_115KV_TB3 80093	21.51 0.02 0.00	21.69 0.05 0.00	17.98 -0.02 0.00	18.49 0.03 0.00	17.37 0.03 0.00	17.50 0.06 0.00	36.08 0.30 -7.13	326.43 6.80 -2.73	75.31 0.39 -45.80	48.14 0.14 -26.04	39.63 0.11 -3.79	33.84 0.10 -2.32	44.44 0.31 -4.72	32.05 0.26 -2.65	28.68 0.05 -0.95	26.57 -0.07 -0.02	21.14 -0.03 -1.37	29.38 0.04 -0.38	38.79 0.21 -0.06	44.99 0.34 0.00	30.70 0.13 -0.02	24.54 0.07 -0.19	25.16 0.09 0.00	22.26 0.10 0.00

COXSACKIE___GT 23611	22.55 1.06 0.00	22.67 1.03 0.00	18.85 0.85 0.00	19.32 0.85 0.00	18.31 0.96 0.00	18.47 1.04 0.00	30.68 2.02 0.00	336.68 19.66 -0.11	37.24 2.02 -6.11	36.90 1.55 -13.39	38.05 2.32 0.00	32.93 1.51 0.00	41.65 2.23 0.00	30.53 1.39 0.00	29.26 1.58 0.00	28.79 1.61 -0.56	56.33 1.31 -35.23	41.28 2.52 -9.81	43.55 3.59 -1.45	48.98 4.34 0.00	33.77 2.84 -0.38	31.23 2.04 -4.92	26.97 1.90 0.00	23.57 1.40 0.00
CPV_VALLEY___CC1 323721	22.34 0.85 0.00	22.45 0.81 0.00	18.66 0.67 0.00	19.14 0.67 0.00	18.08 0.73 0.00	18.22 0.79 0.00	30.14 1.49 0.00	333.98 16.95 -0.12	34.65 1.57 -3.96	-18.22 1.17 41.36	37.55 1.83 0.00	33.09 1.67 0.00	41.40 1.98 0.00	30.55 1.42 0.00	29.14 1.46 0.00	28.48 1.50 -0.36	43.71 1.09 -22.82	36.94 1.64 -6.35	41.57 2.11 -0.94	47.13 2.49 0.00	32.47 1.67 -0.25	28.72 1.27 -3.18	26.39 1.32 0.00	23.10 0.94 0.00
CPV_VALLEY___CC2 323722	22.34 0.85 0.00	22.45 0.81 0.00	18.66 0.67 0.00	19.14 0.67 0.00	18.08 0.73 0.00	18.22 0.79 0.00	30.14 1.49 0.00	333.98 16.95 -0.12	34.65 1.57 -3.96	-18.22 1.17 41.36	37.55 1.83 0.00	33.09 1.67 0.00	41.40 1.98 0.00	30.55 1.42 0.00	29.14 1.46 0.00	28.48 1.50 -0.36	43.71 1.09 -22.82	36.94 1.64 -6.35	41.57 2.11 -0.94	47.13 2.49 0.00	32.47 1.67 -0.25	28.72 1.27 -3.18	26.39 1.32 0.00	23.10 0.94 0.00
CRESCENT___HYD 24018	22.10 0.61 0.00	22.23 0.59 0.00	18.49 0.49 0.00	18.94 0.47 0.00	17.93 0.58 0.00	18.06 0.63 0.00	29.77 1.11 0.00	331.55 14.53 -0.11	36.99 1.25 -6.62	40.40 0.88 -17.55	37.04 1.31 0.00	32.53 1.11 0.00	40.78 1.37 0.00	30.11 0.98 0.00	28.73 1.05 0.00	28.35 1.13 -0.60	58.86 0.89 -38.17	40.95 1.37 -10.63	41.90 1.81 -1.57	46.75 2.11 0.00	32.40 1.43 -0.42	30.65 1.05 -5.32	26.07 1.00 0.00	22.84 0.68 0.00
CRICKET___VALLEY_CC1 323756	22.26 0.77 0.00	22.38 0.74 0.00	18.63 0.63 0.00	19.08 0.61 0.00	18.07 0.72 0.00	18.22 0.79 0.00	30.09 1.43 0.00	333.84 16.82 -0.12	36.32 1.63 -5.57	55.98 1.18 -32.84	37.53 1.80 0.00	33.03 1.61 0.00	41.22 1.80 0.00	30.44 1.31 0.00	29.07 1.40 0.00	28.62 1.49 -0.51	53.06 1.11 -32.15	39.63 1.73 -8.95	42.08 2.24 -1.33	47.27 2.62 0.00	32.64 1.74 -0.35	30.00 1.25 -4.49	26.36 1.29 0.00	23.01 0.85 0.00
CRICKET___VALLEY_CC2 323757	22.26 0.77 0.00	22.38 0.74 0.00	18.63 0.63 0.00	19.08 0.61 0.00	18.07 0.72 0.00	18.22 0.79 0.00	30.09 1.43 0.00	333.84 16.82 -0.12	36.32 1.63 -5.57	55.98 1.18 -32.84	37.53 1.80 0.00	33.03 1.61 0.00	41.22 1.80 0.00	30.44 1.31 0.00	29.07 1.40 0.00	28.62 1.49 -0.51	53.06 1.11 -32.15	39.63 1.73 -8.95	42.08 2.24 -1.33	47.27 2.62 0.00	32.64 1.74 -0.35	30.00 1.25 -4.49	26.36 1.29 0.00	23.01 0.85 0.00
CRICKET___VALLEY_CC3 323758	22.26 0.77 0.00	22.38 0.74 0.00	18.63 0.63 0.00	19.08 0.61 0.00	18.07 0.72 0.00	18.22 0.79 0.00	30.09 1.43 0.00	333.84 16.82 -0.12	36.32 1.63 -5.57	55.98 1.18 -32.84	37.53 1.80 0.00	33.03 1.61 0.00	41.22 1.80 0.00	30.44 1.31 0.00	29.07 1.40 0.00	28.62 1.49 -0.51	53.06 1.11 -32.15	39.63 1.73 -8.95	42.08 2.24 -1.33	47.27 2.62 0.00	32.64 1.74 -0.35	30.00 1.25 -4.49	26.36 1.29 0.00	23.01 0.85 0.00
CRUCIBLE_METL_DRP 24180	21.43 -0.06 0.00	21.62 -0.03 0.00	17.93 -0.07 0.00	18.41 -0.05 0.00	17.29 -0.05 0.00	17.42 -0.02 0.00	36.43 0.12 -7.65	327.32 7.24 -3.17	77.32 0.40 -47.79	50.08 0.00 -28.11	39.78 -0.05 -4.10	33.92 -0.01 -2.50	44.60 0.08 -5.10	32.05 0.05 -2.87	28.58 -0.13 -1.03	26.36 -0.27 -0.01	20.38 -0.17 -0.75	28.94 -0.22 -0.21	38.21 -0.33 -0.03	44.31 -0.33 0.00	30.29 -0.27 -0.01	24.21 -0.16 -0.10	24.92 -0.15 0.00	22.20 0.04 0.00
DAHOWA___HYDRO 323763	22.44 0.95 0.00	22.56 0.92 0.00	18.77 0.77 0.00	19.23 0.76 0.00	18.20 0.85 0.00	18.38 0.94 0.00	30.31 1.66 0.00	338.37 21.36 -0.11	37.65 1.84 -6.68	40.28 1.28 -17.03	37.66 1.93 0.00	33.00 1.58 0.00	41.44 2.02 0.00	30.60 1.47 0.00	29.20 1.53 0.00	28.85 1.62 -0.61	59.63 1.29 -38.55	41.70 2.02 -10.73	42.87 2.76 -1.59	47.83 3.19 0.00	33.08 2.11 -0.42	31.20 1.55 -5.37	26.51 1.44 0.00	23.15 0.99 0.00
DANC___LFGE 323619	21.67 0.18 0.00	21.73 0.09 0.00	17.74 -0.25 0.00	18.16 -0.30 0.00	17.04 -0.30 0.00	17.19 -0.24 0.00	32.26 -0.21 -3.81	321.90 2.56 -2.43	54.91 0.26 -25.52	37.08 0.25 -14.87	38.07 0.17 -2.17	32.77 0.02 -1.33	42.04 -0.07 -2.70	30.40 -0.25 -1.52	27.70 -0.52 -0.55	26.10 -0.51 0.00	19.29 -0.50 0.00	28.43 -0.51 0.00	38.18 -0.34 0.00	44.39 -0.25 0.00	30.10 -0.45 0.00	23.80 -0.47 0.00	24.38 -0.69 0.00	21.72 -0.44 0.00
DANSKAMMER___1 23586	22.65 1.16 0.00	22.75 1.11 0.00	18.92 0.92 0.00	19.38 0.91 0.00	18.34 1.00 0.00	18.51 1.07 0.00	30.66 2.00 0.00	339.93 22.90 -0.12	36.38 2.13 -5.13	29.10 1.57 -5.57	38.17 2.44 0.00	33.61 2.19 0.00	42.02 2.61 0.00	31.02 1.89 0.00	29.58 1.91 0.00	29.04 1.96 -0.47	50.85 1.45 -29.60	39.40 2.21 -8.24	42.65 2.91 -1.22	48.07 3.43 0.00	33.15 2.28 -0.32	30.12 1.72 -4.13	26.83 1.76 0.00	23.45 1.29 0.00
DANSKAMMER___2 23589	22.65 1.16 0.00	22.75 1.11 0.00	18.92 0.92 0.00	19.38 0.91 0.00	18.34 1.00 0.00	18.51 1.07 0.00	30.66 2.00 0.00	339.93 22.90 -0.12	36.38 2.13 -5.13	29.10 1.57 -5.57	38.17 2.44 0.00	33.61 2.19 0.00	42.02 2.61 0.00	31.02 1.89 0.00	29.58 1.91 0.00	29.04 1.96 -0.47	50.85 1.45 -29.60	39.40 2.21 -8.24	42.65 2.91 -1.22	48.07 3.43 0.00	33.15 2.28 -0.32	30.12 1.72 -4.13	26.83 1.76 0.00	23.45 1.29 0.00
DANSKAMMER___3 23590	22.65 1.16 0.00	22.75 1.11 0.00	18.92 0.92 0.00	19.38 0.91 0.00	18.34 1.00 0.00	18.51 1.07 0.00	30.66 2.00 0.00	339.93 22.90 -0.12	36.38 2.13 -5.13	29.10 1.57 -5.57	38.17 2.44 0.00	33.61 2.19 0.00	42.02 2.61 0.00	31.02 1.89 0.00	29.58 1.91 0.00	29.04 1.96 -0.47	50.85 1.45 -29.60	39.40 2.21 -8.24	42.65 2.91 -1.22	48.07 3.43 0.00	33.15 2.28 -0.32	30.12 1.72 -4.13	26.83 1.76 0.00	23.45 1.29 0.00
DANSKAMMER___4 23591	22.65 1.16 0.00	22.75 1.11 0.00	18.92 0.92 0.00	19.38 0.91 0.00	18.34 1.00 0.00	18.51 1.07 0.00	30.66 2.00 0.00	339.93 22.90 -0.12	36.38 2.13 -5.13	29.10 1.57 -5.57	38.17 2.44 0.00	33.61 2.19 0.00	42.02 2.61 0.00	31.02 1.89 0.00	29.58 1.91 0.00	29.04 1.96 -0.47	50.85 1.45 -29.60	39.40 2.21 -8.24	42.65 2.91 -1.22	48.07 3.43 0.00	33.15 2.28 -0.32	30.12 1.72 -4.13	26.83 1.76 0.00	23.45 1.29 0.00
DANSKAMMER___DIESEL 23592	22.64 1.16 0.00	22.76 1.12 0.00	18.92 0.92 0.00	19.38 0.91 0.00	18.34 1.00 0.00	18.51 1.07 0.00	30.66 2.01 0.00	339.92 22.89 -0.12	36.37 2.12 -5.13	29.12 1.58 -5.57	38.17 2.44 0.00	33.61 2.19 0.00	42.03 2.61 0.00	31.03 1.89 0.00	29.59 1.91 0.00	29.04 1.96 -0.47	50.84 1.45 -29.60	39.41 2.22 -8.24	42.64 2.91 -1.22	48.07 3.43 0.00	33.16 2.28 -0.32	30.12 1.72 -4.13	26.83 1.75 0.00	23.45 1.29 0.00

DARBY___SOLAR 323810	22.38 0.89 0.00	22.50 0.85 0.00	18.71 0.71 0.00	19.18 0.71 0.00	18.14 0.80 0.00	18.31 0.87 0.00	30.22 1.56 0.00	337.04 20.03 -0.11	37.52 1.73 -6.67	40.26 1.21 -17.09	37.56 1.83 0.00	32.92 1.50 0.00	41.33 1.91 0.00	30.53 1.40 0.00	29.13 1.45 0.00	28.75 1.53 -0.61	59.52 1.22 -38.50	41.56 1.89 -10.72	42.68 2.58 -1.59	47.62 2.98 0.00	32.94 1.97 -0.42	31.09 1.45 -5.37	26.42 1.35 0.00	23.09 0.93 0.00
DASHVILLE___HYD 23610	22.41 0.92 0.00	22.52 0.88 0.00	18.72 0.73 0.00	19.19 0.72 0.00	18.17 0.82 0.00	18.31 0.88 0.00	30.33 1.67 0.00	336.85 19.82 -0.12	36.32 1.82 -5.37	29.21 1.33 -5.92	37.72 2.00 0.00	33.28 1.86 0.00	41.55 2.13 0.00	30.74 1.60 0.00	29.28 1.60 0.00	28.76 1.65 -0.49	52.00 1.21 -30.99	39.40 1.83 -8.63	42.21 2.41 -1.28	47.44 2.80 0.00	32.78 1.89 -0.34	30.07 1.48 -4.32	26.58 1.51 0.00	23.24 1.08 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	23.33 1.84 0.00	23.49 1.85 0.00	19.50 1.50 0.00	19.99 1.52 0.00	18.99 1.64 0.00	19.22 1.78 0.00	31.72 3.07 0.00	347.59 30.56 -0.12	37.29 3.03 -5.14	72.00 2.50 -47.54	38.77 3.04 0.00	34.46 3.04 0.00	43.26 3.85 0.00	32.24 3.11 0.00	31.37 3.70 0.00	30.86 3.78 -0.47	52.30 2.87 -29.63	41.08 3.89 -8.25	44.62 4.88 -1.22	50.06 5.41 0.00	34.77 3.90 -0.32	31.15 2.74 -4.13	27.96 2.89 0.00	24.36 2.20 0.00
DELAWARE___LFGE 323621	22.11 0.62 0.00	22.25 0.60 0.00	18.49 0.49 0.00	18.97 0.50 0.00	17.93 0.59 0.00	18.05 0.61 0.00	32.16 1.15 -2.35	331.54 13.67 -0.96	47.73 1.19 -17.41	27.70 0.90 -4.83	38.33 1.36 -1.25	33.42 1.23 -0.76	42.48 1.50 -1.56	31.08 1.07 -0.87	29.06 1.07 -0.31	27.91 1.08 -0.21	33.96 0.81 -13.36	33.86 1.19 -3.72	40.64 1.57 -0.55	46.49 1.85 0.00	31.97 1.27 -0.15	27.12 0.98 -1.86	26.06 0.98 0.00	22.88 0.72 0.00
DERFIELD_115KV_TB7 355931	21.51 0.02 0.00	21.66 0.02 0.00	18.00 0.00 0.00	18.45 -0.02 0.00	17.37 0.02 0.00	17.46 0.02 0.00	28.74 0.09 0.00	318.72 1.37 -0.45	29.27 0.15 0.00	22.07 0.10 0.00	35.86 0.13 0.00	31.51 0.08 0.00	39.49 0.08 0.00	29.19 0.06 0.00	27.71 0.04 0.00	26.66 0.05 0.00	19.87 0.08 0.00	29.08 0.13 0.00	38.73 0.22 0.00	44.90 0.26 0.00	30.71 0.16 0.00	24.40 0.13 0.00	25.17 0.10 0.00	22.22 0.06 0.00
DOGLEVILLE___HYD 23807	21.80 0.30 0.00	21.94 0.30 0.00	18.23 0.24 0.00	18.68 0.21 0.00	17.73 0.38 0.00	17.95 0.51 0.00	29.71 1.05 0.00	331.46 14.11 -0.45	30.35 1.23 0.00	22.68 0.72 0.00	36.27 0.54 0.00	31.69 0.27 0.00	39.94 0.53 0.00	29.65 0.52 0.00	28.15 0.48 0.00	27.19 0.57 0.00	20.45 0.65 0.00	30.08 1.13 0.00	40.31 1.80 0.00	46.72 2.07 0.00	31.92 1.37 0.00	25.38 1.11 0.00	26.02 0.95 0.00	22.69 0.53 0.00
DUNKIRK___115KV_TB_200 55889	20.82 -0.67 0.00	21.13 -0.51 0.00	17.48 -0.52 0.00	18.18 -0.29 0.00	17.05 -0.29 0.00	17.18 -0.26 0.00	33.34 -0.23 -4.92	316.80 -3.10 -3.00	60.53 -0.28 -31.70	39.80 -0.16 -18.00	38.14 -0.21 -2.62	32.85 -0.18 -1.60	42.84 0.16 -3.27	31.00 0.03 -1.84	27.92 -0.42 -0.66	25.96 -0.67 -0.02	20.59 -0.49 -1.29	28.65 -0.66 -0.36	37.89 -0.68 -0.05	44.07 -0.57 0.00	29.94 -0.63 -0.01	23.78 -0.67 -0.18	24.72 -0.35 0.00	21.81 -0.35 0.00
DUNKIRK___1 23563	20.82 -0.67 0.00	21.13 -0.51 0.00	17.48 -0.52 0.00	18.18 -0.29 0.00	17.05 -0.29 0.00	17.18 -0.26 0.00	33.34 -0.23 -4.92	316.80 -3.10 -3.00	60.53 -0.28 -31.70	39.80 -0.16 -18.00	38.14 -0.21 -2.62	32.85 -0.18 -1.60	42.84 0.16 -3.27	31.00 0.03 -1.84	27.92 -0.42 -0.66	25.96 -0.67 -0.02	20.59 -0.49 -1.29	28.65 -0.66 -0.36	37.89 -0.68 -0.05	44.07 -0.57 0.00	29.94 -0.63 -0.01	23.78 -0.67 -0.18	24.72 -0.35 0.00	21.81 -0.35 0.00
DUNKIRK___2 23564	20.82 -0.67 0.00	21.13 -0.51 0.00	17.48 -0.52 0.00	18.18 -0.29 0.00	17.05 -0.29 0.00	17.18 -0.26 0.00	33.34 -0.23 -4.92	316.80 -3.10 -3.00	60.53 -0.28 -31.70	39.80 -0.16 -18.00	38.14 -0.21 -2.62	32.85 -0.18 -1.60	42.84 0.16 -3.27	31.00 0.03 -1.84	27.92 -0.42 -0.66	25.96 -0.67 -0.02	20.59 -0.49 -1.29	28.65 -0.66 -0.36	37.89 -0.68 -0.05	44.07 -0.57 0.00	29.94 -0.63 -0.01	23.78 -0.67 -0.18	24.72 -0.35 0.00	21.81 -0.35 0.00
DUNKIRK___3 23565	20.84 -0.65 0.00	21.14 -0.50 0.00	17.50 -0.50 0.00	18.18 -0.28 0.00	17.05 -0.29 0.00	17.17 -0.27 0.00	33.31 -0.26 -4.91	316.92 -2.98 -3.00	60.50 -0.31 -31.68	39.76 -0.20 -17.99	38.09 -0.26 -2.62	32.78 -0.24 -1.60	42.75 0.08 -3.26	30.96 -0.01 -1.84	27.89 -0.45 -0.66	25.96 -0.68 -0.02	20.55 -0.54 -1.29	28.58 -0.72 -0.36	37.80 -0.77 -0.05	44.00 -0.64 0.00	29.90 -0.67 -0.01	23.76 -0.70 -0.18	24.68 -0.39 0.00	21.80 -0.36 0.00
DUNKIRK___4 23566	20.79 -0.70 0.00	21.10 -0.54 0.00	17.47 -0.53 0.00	18.16 -0.31 0.00	17.04 -0.31 0.00	17.16 -0.28 0.00	33.20 -0.30 -4.84	315.74 -4.17 -3.00	59.94 -0.39 -31.21	39.48 -0.21 -17.73	38.01 -0.30 -2.59	32.75 -0.25 -1.58	42.68 0.05 -3.22	30.92 -0.02 -1.81	27.87 -0.46 -0.65	25.92 -0.72 -0.02	20.51 -0.55 -1.27	28.56 -0.74 -0.35	37.80 -0.77 -0.05	44.00 -0.64 0.00	29.90 -0.67 -0.01	23.76 -0.70 -0.18	24.68 -0.39 0.00	21.80 -0.36 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	22.61 1.12 0.00	22.72 1.08 0.00	18.88 0.88 0.00	19.34 0.88 0.00	18.31 0.96 0.00	18.48 1.04 0.00	30.62 1.97 0.00	338.97 21.95 -0.12	36.31 2.05 -5.13	71.21 1.57 -47.68	38.22 2.49 0.00	33.70 2.28 0.00	42.05 2.63 0.00	31.04 1.91 0.00	29.65 1.97 0.00	29.13 2.05 -0.47	50.88 1.47 -29.61	39.35 2.16 -8.24	42.49 2.75 -1.22	47.89 3.25 0.00	33.03 2.16 -0.32	30.05 1.65 -4.13	26.79 1.72 0.00	23.41 1.25 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	22.52 1.03 0.00	22.63 0.99 0.00	18.81 0.81 0.00	19.29 0.82 0.00	18.23 0.89 0.00	18.38 0.94 0.00	30.45 1.79 0.00	337.50 20.48 -0.12	35.81 1.88 -4.80	6.65 1.41 16.72	37.90 2.18 0.00	33.37 1.95 0.00	41.76 2.34 0.00	30.83 1.70 0.00	29.39 1.71 0.00	28.80 1.75 -0.44	48.79 1.29 -27.71	38.62 1.96 -7.71	42.22 2.56 -1.14	47.66 3.01 0.00	32.87 2.02 -0.30	29.67 1.53 -3.86	26.65 1.58 0.00	23.31 1.15 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	22.60 1.11 0.00	22.73 1.09 0.00	18.92 0.93 0.00	19.36 0.89 0.00	18.34 0.99 0.00	18.51 1.07 0.00	30.70 2.04 0.00	339.77 22.74 -0.12	36.39 2.13 -5.13	71.17 1.56 -47.65	38.35 2.62 0.00	33.81 2.39 0.00	42.12 2.71 0.00	31.09 1.97 0.00	29.72 2.04 0.00	29.19 2.11 -0.47	50.91 1.50 -29.61	39.44 2.25 -8.24	42.60 2.86 -1.22	48.04 3.40 0.00	33.18 2.31 -0.32	30.15 1.75 -4.13	26.90 1.83 0.00	23.50 1.34 0.00
E179THST_13_KV_LOAD 356214	22.69 1.20 0.00	22.82 1.18 0.00	18.98 0.99 0.00	19.42 0.96 0.00	18.40 1.05 0.00	18.58 1.14 0.00	30.81 2.16 0.00	341.15 24.13 -0.12	36.52 2.27 -5.13	71.27 1.67 -47.65	38.52 2.79 0.00	33.96 2.54 0.00	42.31 2.89 0.00	31.22 2.10 0.00	29.85 2.17 0.00	29.32 2.23 -0.47	51.01 1.60 -29.61	39.57 2.38 -8.24	42.79 3.06 -1.22	48.26 3.62 0.00	33.33 2.46 -0.32	30.27 1.86 -4.13	27.01 1.94 0.00	23.60 1.43 0.00

EAST HAMPTON___GT 23717	23.53 2.04 0.00	23.69 2.05 0.00	19.66 1.67 0.00	20.16 1.70 0.00	19.16 1.81 0.00	19.40 1.96 0.00	32.04 3.39 0.00	350.91 33.89 -0.12	37.68 3.42 -5.14	72.08 2.58 -47.54	39.24 3.51 0.00	34.81 3.38 0.00	43.73 4.32 0.00	32.50 3.37 0.00	31.76 4.09 0.00	31.28 4.19 -0.47	52.62 3.19 -29.63	41.57 4.37 -8.25	45.24 5.50 -1.22	50.75 6.11 0.00	35.23 4.35 -0.32	31.41 3.01 -4.13	28.23 3.16 0.00	24.56 2.40 0.00
EAST RIVER___6 23660	22.65 1.16 0.00	22.76 1.12 0.00	18.93 0.93 0.00	19.39 0.92 0.00	18.35 1.00 0.00	18.54 1.10 0.00	30.79 2.13 0.00	340.89 23.87 -0.12	36.50 2.24 -5.13	71.32 1.71 -47.65	38.50 2.77 0.00	33.95 2.53 0.00	42.33 2.92 0.00	31.24 2.10 0.00	29.84 2.16 0.00	29.33 2.25 -0.47	51.00 1.60 -29.61	39.50 2.31 -8.24	42.67 2.93 -1.22	48.13 3.49 0.00	33.15 2.28 -0.32	30.16 1.76 -4.13	26.92 1.85 0.00	23.50 1.34 0.00
EAST RIVER___7 23524	22.65 1.16 0.00	22.76 1.12 0.00	18.93 0.93 0.00	19.39 0.92 0.00	18.35 1.00 0.00	18.54 1.10 0.00	30.79 2.13 0.00	340.89 23.87 -0.12	36.50 2.24 -5.13	71.32 1.71 -47.65	38.50 2.77 0.00	33.95 2.53 0.00	42.33 2.92 0.00	31.24 2.10 0.00	29.84 2.16 0.00	29.33 2.25 -0.47	51.00 1.60 -29.61	39.50 2.31 -8.24	42.67 2.93 -1.22	48.13 3.49 0.00	33.15 2.28 -0.32	30.16 1.76 -4.13	26.92 1.85 0.00	23.50 1.34 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	22.56 1.07 0.00	22.67 1.03 0.00	18.84 0.85 0.00	19.31 0.84 0.00	18.27 0.92 0.00	18.43 1.00 0.00	30.56 1.90 0.00	338.40 21.38 -0.12	36.22 2.00 -5.10	72.42 1.52 -48.94	38.12 2.39 0.00	33.61 2.18 0.00	41.96 2.54 0.00	30.98 1.84 0.00	29.59 1.91 0.00	29.06 1.98 -0.46	50.64 1.43 -29.42	39.24 2.11 -8.19	42.41 2.69 -1.21	47.82 3.17 0.00	32.98 2.11 -0.32	29.98 1.61 -4.10	26.74 1.67 0.00	23.36 1.20 0.00
EAST_HAMPTON___DIESEL 23722	23.53 2.04 0.00	23.69 2.05 0.00	19.66 1.67 0.00	20.17 1.70 0.00	19.16 1.81 0.00	19.40 1.96 0.00	32.05 3.39 0.00	350.91 33.89 -0.12	37.68 3.43 -5.14	72.08 2.58 -47.54	39.25 3.52 0.00	34.81 3.39 0.00	43.74 4.32 0.00	32.50 3.37 0.00	31.77 4.09 0.00	31.28 4.20 -0.47	52.62 3.20 -29.63	41.58 4.38 -8.25	45.25 5.51 -1.22	50.77 6.12 0.00	35.24 4.36 -0.32	31.42 3.01 -4.13	28.23 3.16 0.00	24.56 2.40 0.00
EAST_PULASKI___ESR 323781	21.62 0.13 0.00	21.73 0.09 0.00	17.91 -0.09 0.00	18.37 -0.10 0.00	17.25 -0.10 0.00	17.38 -0.06 0.00	33.32 0.09 -4.57	324.35 4.72 -2.72	59.18 0.37 -29.69	39.44 0.22 -17.26	38.46 0.22 -2.52	33.11 0.15 -1.54	42.73 0.19 -3.13	30.94 0.05 -1.76	28.11 -0.20 -0.63	26.36 -0.27 -0.01	19.31 -0.48 0.00	28.30 -0.65 0.00	37.85 -0.67 0.00	43.96 -0.68 0.00	29.96 -0.59 0.00	23.80 -0.48 0.00	24.52 -0.55 0.00	21.78 -0.38 0.00
EAST_RIVER___1 323558	22.67 1.18 0.00	22.78 1.14 0.00	18.94 0.95 0.00	19.41 0.94 0.00	18.36 1.01 0.00	18.55 1.11 0.00	30.80 2.14 0.00	340.81 23.79 -0.12	36.48 2.23 -5.13	71.29 1.68 -47.65	38.47 2.74 0.00	33.92 2.50 0.00	42.28 2.87 0.00	31.20 2.07 0.00	29.81 2.13 0.00	29.30 2.22 -0.47	50.97 1.57 -29.61	39.47 2.28 -8.24	42.62 2.89 -1.22	48.09 3.45 0.00	33.14 2.26 -0.32	30.15 1.75 -4.13	26.92 1.85 0.00	23.50 1.34 0.00
EAST_RIVER___2 323559	22.65 1.16 0.00	22.76 1.12 0.00	18.93 0.93 0.00	19.39 0.92 0.00	18.35 1.00 0.00	18.54 1.10 0.00	30.79 2.13 0.00	340.89 23.87 -0.12	36.50 2.24 -5.13	71.32 1.71 -47.65	38.50 2.77 0.00	33.95 2.53 0.00	42.33 2.92 0.00	31.24 2.10 0.00	29.84 2.16 0.00	29.33 2.25 -0.47	51.00 1.60 -29.61	39.50 2.31 -8.24	42.67 2.93 -1.22	48.13 3.49 0.00	33.15 2.28 -0.32	30.16 1.76 -4.13	26.92 1.85 0.00	23.50 1.34 0.00
EAST___DELAWARE_HYD 23607	22.84 1.35 0.00	22.95 1.31 0.00	19.06 1.07 0.00	19.55 1.08 0.00	18.47 1.13 0.00	18.64 1.21 0.00	30.91 2.25 0.00	343.09 26.06 -0.12	35.92 2.36 -4.43	13.22 1.72 10.46	38.14 2.41 0.00	33.61 2.19 0.00	42.18 2.77 0.00	31.06 1.93 0.00	29.58 1.91 0.00	28.92 1.90 -0.40	46.80 1.44 -25.57	38.24 2.17 -7.12	42.51 2.94 -1.05	48.11 3.47 0.00	33.20 2.37 -0.28	29.76 1.93 -3.57	27.02 1.95 0.00	23.63 1.47 0.00
EIGHT_POINT___WT_PWR 323820	20.66 -0.83 0.00	21.23 -0.41 0.00	17.47 -0.52 0.00	18.08 -0.39 0.00	17.16 -0.19 0.00	17.02 -0.42 0.00	33.96 -0.63 -5.93	315.20 -4.65 -2.95	66.92 -0.45 -38.24	43.38 -0.30 -21.71	38.36 -0.53 -3.16	32.62 -0.73 -1.93	43.24 -0.11 -3.94	31.37 0.03 -2.21	28.02 -0.46 -0.80	25.95 -0.69 -0.03	20.69 -0.66 -1.55	28.75 -0.62 -0.43	38.60 0.02 -0.06	44.83 0.19 0.00	30.22 -0.35 -0.02	24.01 -0.48 -0.22	24.51 -0.56 0.00	22.11 -0.05 0.00
ELBRIDGE_115KV_TB2 80188	21.24 -0.25 0.00	21.42 -0.22 0.00	17.75 -0.24 0.00	18.26 -0.21 0.00	17.15 -0.20 0.00	17.26 -0.18 0.00	38.13 -0.11 -9.57	328.55 8.29 -3.35	88.74 0.37 -59.25	56.88 -0.20 -35.11	40.54 -0.31 -5.12	34.24 -0.31 -3.13	45.52 -0.27 -6.37	32.48 -0.23 -3.58	28.62 -0.35 -1.29	26.17 -0.46 -0.01	20.34 -0.28 -0.82	28.82 -0.36 -0.23	38.09 -0.46 -0.03	44.18 -0.46 0.00	30.20 -0.36 -0.01	24.09 -0.30 -0.11	24.80 -0.27 0.00	22.21 0.05 0.00
ELEC_TRO_TEK 24086	22.65 1.16 0.00	22.78 1.14 0.00	18.92 0.93 0.00	19.39 0.92 0.00	18.37 1.02 0.00	18.56 1.13 0.00	30.61 1.96 0.00	337.06 20.04 -0.12	36.32 2.06 -5.14	71.10 1.60 -47.54	38.04 2.31 0.00	33.68 2.26 0.00	42.05 2.64 0.00	31.23 2.10 0.00	30.00 2.32 -0.01	29.39 2.31 -0.47	51.08 1.66 -29.63	39.51 2.31 -8.25	42.58 2.84 -1.22	47.89 3.24 0.00	33.20 2.33 -0.32	30.20 1.79 -4.14	26.98 1.90 0.00	23.58 1.41 -0.01
ELLENBURG_WT_PWR 323604	21.73 0.24 0.00	21.82 0.18 0.00	18.22 0.23 0.00	18.60 0.13 0.00	17.37 0.03 0.00	17.49 0.06 0.00	28.56 -0.09 0.00	314.86 -2.23 -0.18	29.11 -0.01 0.00	21.92 -0.04 0.00	35.72 -0.01 0.00	31.60 0.18 0.00	39.92 0.51 0.00	29.44 0.30 0.00	28.45 0.77 0.00	27.54 0.92 0.00	20.35 0.55 0.00	29.84 0.90 0.00	39.62 1.10 0.00	45.05 0.41 0.00	31.00 0.45 0.00	24.52 0.25 0.00	25.16 0.09 0.00	22.33 0.17 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	20.53 -0.96 0.00	20.88 -0.76 0.00	17.31 -0.69 0.00	17.98 -0.49 0.00	16.87 -0.48 0.00	16.98 -0.45 0.00	32.66 -0.70 -4.70	309.47 -10.44 -3.01	58.47 -0.95 -30.30	38.66 -0.53 -17.23	37.43 -0.81 -2.51	32.25 -0.71 -1.53	41.97 -0.57 -3.13	30.48 -0.40 -1.76	27.50 -0.81 -0.63	25.56 -1.07 -0.02	20.16 -0.86 -1.22	28.02 -1.27 -0.34	37.09 -1.48 -0.05	43.28 -1.37 0.00	29.44 -1.12 -0.01	23.44 -1.00 -0.17	24.37 -0.70 0.00	21.60 -0.56 0.00
EMPIRE_CC_1 323656	21.82 0.33 0.00	21.95 0.31 0.00	18.28 0.29 0.00	18.72 0.26 0.00	17.74 0.39 0.00	17.83 0.39 0.00	29.38 0.72 0.00	327.57 10.55 -0.11	36.24 0.82 -6.29	43.48 0.56 -20.96	36.44 0.71 0.00	32.06 0.63 0.00	40.09 0.68 0.00	29.60 0.47 0.00	28.31 0.64 0.00	27.93 0.74 -0.57	56.65 0.59 -36.27	39.95 0.91 -10.10	41.17 1.16 -1.49	46.00 1.36 0.00	31.85 0.90 -0.39	30.00 0.66 -5.06	25.74 0.66 0.00	22.57 0.41 0.00

EMPIRE_CC_2 323658	21.82 0.33 0.00	21.95 0.31 0.00	18.28 0.29 0.00	18.72 0.26 0.00	17.74 0.39 0.00	17.83 0.39 0.00	29.38 0.72 0.00	327.57 10.55 -0.11	36.24 0.82 -6.29	43.48 0.56 -20.96	36.44 0.71 0.00	32.06 0.63 0.00	40.09 0.68 0.00	29.60 0.47 0.00	28.31 0.64 0.00	27.93 0.74 -0.57	56.65 0.59 -36.27	39.95 0.91 -10.10	41.17 1.16 -1.49	46.00 1.36 0.00	31.85 0.90 -0.39	30.00 0.66 -5.06	25.74 0.66 0.00	22.57 0.41 0.00
ENORWICH_115KV_TB1 80156	22.36 0.87 0.00	22.52 0.88 0.00	18.67 0.67 0.00	19.23 0.76 0.00	18.11 0.76 0.00	18.33 0.89 0.00	36.75 1.88 -6.21	345.43 26.24 -2.29	71.81 2.00 -40.69	45.95 1.33 -22.65	40.84 1.82 -3.30	34.96 1.53 -2.02	45.98 2.45 -4.11	33.22 1.78 -2.31	30.09 1.58 -0.83	28.18 1.47 -0.08	26.31 1.17 -5.35	32.38 1.94 -1.49	41.63 2.89 -0.22	48.04 3.40 0.00	32.75 2.14 -0.06	26.50 1.48 -0.75	26.50 1.43 0.00	23.32 1.16 0.00
ERIE_ST__34_KV_TB1-2 80199	20.96 -0.53 0.00	21.31 -0.34 0.00	17.64 -0.35 0.00	18.32 -0.15 0.00	17.19 -0.16 0.00	17.31 -0.12 0.00	33.37 -0.09 -4.81	317.76 -2.15 -3.01	59.89 -0.21 -30.98	39.55 -0.01 -17.60	38.32 0.03 -2.57	33.02 0.03 -1.57	43.00 0.39 -3.19	31.19 0.26 -1.80	28.15 -0.17 -0.65	26.18 -0.46 -0.02	20.65 -0.40 -1.25	28.72 -0.58 -0.35	38.03 -0.54 -0.05	44.37 -0.28 0.00	30.17 -0.40 -0.01	24.02 -0.42 -0.17	24.93 -0.14 0.00	22.06 -0.10 0.00
ERIE_WT_PWR 323693	20.67 -0.82 0.00	21.02 -0.62 0.00	17.42 -0.57 0.00	18.10 -0.37 0.00	16.98 -0.37 0.00	17.11 -0.33 0.00	32.97 -0.45 -4.77	312.71 -7.20 -3.01	59.18 -0.71 -30.77	39.16 -0.28 -17.48	37.71 -0.56 -2.55	32.52 -0.46 -1.56	42.36 -0.23 -3.17	30.76 -0.15 -1.78	27.71 -0.61 -0.64	25.75 -0.88 -0.02	20.29 -0.75 -1.24	28.24 -1.06 -0.35	37.42 -1.14 -0.05	43.64 -1.00 0.00	29.68 -0.89 -0.01	23.61 -0.84 -0.17	24.51 -0.56 0.00	21.75 -0.41 0.00
ESPRGFLD_115KV_TB1 80157	22.33 0.84 0.00	22.46 0.82 0.00	18.67 0.67 0.00	19.16 0.69 0.00	18.11 0.76 0.00	18.25 0.81 0.00	32.37 1.53 -2.17	336.18 18.36 -0.91	47.07 1.59 -16.36	27.28 1.22 -4.10	38.72 1.84 -1.16	33.78 1.65 -0.71	42.91 2.06 -1.44	31.45 1.51 -0.81	29.43 1.47 -0.29	28.28 1.44 -0.22	34.59 1.08 -13.71	34.39 1.63 -3.82	41.27 2.19 -0.57	47.24 2.59 0.00	32.45 1.75 -0.15	27.50 1.32 -1.91	26.35 1.28 0.00	23.12 0.96 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	21.61 0.12 0.00	21.80 0.16 0.00	18.06 0.06 0.00	18.60 0.13 0.00	17.47 0.13 0.00	17.61 0.17 0.00	36.95 0.51 -7.78	329.70 9.96 -2.83	79.62 0.61 -49.89	50.56 0.25 -28.34	40.11 0.25 -4.13	34.11 0.17 -2.52	45.08 0.52 -5.14	32.47 0.45 -2.89	28.93 0.22 -1.04	26.73 0.08 -0.03	21.86 0.08 -1.99	29.74 0.24 -0.55	39.13 0.53 -0.08	45.36 0.72 0.00	30.96 0.39 -0.02	24.79 0.24 -0.28	25.33 0.26 0.00	22.43 0.27 0.00
ETNA_____115KV_TB2 80207	21.61 0.12 0.00	21.80 0.16 0.00	18.06 0.06 0.00	18.60 0.13 0.00	17.47 0.13 0.00	17.61 0.17 0.00	36.95 0.51 -7.78	329.70 9.96 -2.83	79.62 0.61 -49.89	50.56 0.25 -28.34	40.11 0.25 -4.13	34.11 0.17 -2.52	45.08 0.52 -5.14	32.47 0.45 -2.89	28.93 0.22 -1.04	26.73 0.08 -0.03	21.86 0.08 -1.99	29.74 0.24 -0.55	39.13 0.53 -0.08	45.36 0.72 0.00	30.96 0.39 -0.02	24.79 0.24 -0.28	25.33 0.26 0.00	22.43 0.27 0.00
EUCLID__115KV_TB2 356179	21.16 -0.33 0.00	21.33 -0.31 0.00	17.70 -0.29 0.00	18.18 -0.29 0.00	17.07 -0.27 0.00	17.17 -0.26 0.00	33.07 -0.38 -4.79	317.63 -2.25 -2.98	59.28 -0.31 -30.47	39.30 -0.29 -17.63	37.78 -0.52 -2.57	32.55 -0.45 -1.57	42.13 -0.48 -3.20	30.58 -0.35 -1.80	27.83 -0.49 -0.65	26.02 -0.60 -0.01	20.02 -0.41 -0.64	28.53 -0.60 -0.18	37.76 -0.78 -0.03	43.79 -0.85 0.00	29.94 -0.62 -0.01	23.92 -0.44 -0.09	24.64 -0.43 0.00	21.86 -0.30 0.00
E_CANADA_CAP_HY 24051	22.23 0.74 0.00	22.36 0.72 0.00	18.58 0.58 0.00	19.09 0.62 0.00	17.83 0.48 0.00	17.90 0.46 0.00	29.58 0.92 0.00	324.27 7.26 -0.11	36.60 0.74 -6.73	39.11 0.57 -16.58	37.01 1.29 0.00	32.21 0.79 0.00	40.47 1.06 0.00	30.04 0.91 0.00	28.49 0.81 0.00	27.78 0.55 -0.61	59.08 0.44 -38.84	40.54 0.77 -10.82	41.14 1.02 -1.60	45.85 1.21 0.00	31.80 0.83 -0.42	30.39 0.70 -5.42	25.71 0.64 0.00	22.87 0.71 0.00
E_CANADA_MHWK_HY 24050	21.80 0.30 0.00	21.94 0.30 0.00	18.23 0.24 0.00	18.68 0.21 0.00	17.73 0.38 0.00	17.95 0.51 0.00	29.71 1.05 0.00	331.46 14.11 -0.45	30.35 1.23 0.00	22.68 0.72 0.00	36.27 0.54 0.00	31.69 0.27 0.00	39.94 0.53 0.00	29.65 0.52 0.00	28.15 0.48 0.00	27.19 0.57 0.00	20.45 0.65 0.00	30.08 1.13 0.00	40.31 1.80 0.00	46.72 2.07 0.00	31.92 1.37 0.00	25.38 1.11 0.00	26.02 0.95 0.00	22.69 0.53 0.00
E_FISHKILL__LBMP 23776	22.43 0.94 0.00	22.55 0.91 0.00	18.75 0.75 0.00	19.21 0.74 0.00	18.18 0.83 0.00	18.34 0.90 0.00	30.35 1.70 0.00	336.35 19.32 -0.12	36.38 1.81 -5.44	58.91 1.37 -35.58	37.85 2.12 0.00	33.35 1.93 0.00	41.64 2.23 0.00	30.75 1.62 0.00	29.36 1.69 0.00	28.87 1.76 -0.49	52.48 1.29 -31.40	39.60 1.91 -8.74	42.27 2.46 -1.29	47.53 2.89 0.00	32.82 1.93 -0.34	30.10 1.44 -4.38	26.56 1.49 0.00	23.22 1.06 0.00
FALCON__SEABRD_CC1 323796	22.03 0.54 0.00	22.12 0.48 0.00	18.46 0.47 0.00	18.84 0.37 0.00	17.61 0.26 0.00	17.74 0.30 0.00	28.91 0.26 0.00	319.20 2.11 -0.19	29.49 0.37 0.00	22.17 0.20 0.00	36.23 0.50 0.00	32.05 0.63 0.00	40.46 1.04 0.00	29.81 0.68 0.00	28.84 1.17 0.00	27.95 1.34 0.00	20.66 0.86 0.00	30.27 1.32 0.00	40.21 1.69 0.00	45.65 1.01 0.00	31.36 0.81 0.00	24.84 0.57 0.00	25.45 0.38 0.00	22.54 0.38 0.00
FALCON__SEABRD_CC2 323797	22.03 0.54 0.00	22.12 0.48 0.00	18.46 0.47 0.00	18.84 0.37 0.00	17.61 0.26 0.00	17.74 0.30 0.00	28.91 0.26 0.00	319.20 2.11 -0.19	29.49 0.37 0.00	22.17 0.20 0.00	36.23 0.50 0.00	32.05 0.63 0.00	40.46 1.04 0.00	29.81 0.68 0.00	28.84 1.17 0.00	27.95 1.34 0.00	20.66 0.86 0.00	30.27 1.32 0.00	40.21 1.69 0.00	45.65 1.01 0.00	31.36 0.81 0.00	24.84 0.57 0.00	25.45 0.38 0.00	22.54 0.38 0.00
FAR ROCKAWAY__4 23548	22.92 1.43 0.00	23.05 1.40 0.00	19.13 1.13 0.00	19.60 1.13 0.00	18.57 1.23 0.00	18.78 1.34 0.00	30.85 2.20 0.00	338.87 21.85 -0.12	36.54 2.28 -5.14	71.20 1.71 -47.54	38.23 2.51 0.00	33.89 2.47 0.00	42.28 2.87 0.00	31.43 2.30 0.00	30.19 2.49 -0.02	29.57 2.48 -0.47	51.21 1.79 -29.63	39.76 2.56 -8.25	42.90 3.16 -1.22	48.23 3.59 0.00	33.49 2.62 -0.32	30.56 2.14 -4.14	27.31 2.23 0.00	23.88 1.70 -0.02
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	22.68 1.19 0.00	22.79 1.15 0.00	18.95 0.95 0.00	19.41 0.95 0.00	18.36 1.02 0.00	18.55 1.11 0.00	30.81 2.15 0.00	340.85 23.82 -0.12	36.48 2.22 -5.13	71.31 1.70 -47.65	38.47 2.74 0.00	33.92 2.50 0.00	42.29 2.88 0.00	31.21 2.08 0.00	29.81 2.14 0.00	29.30 2.22 -0.47	50.97 1.56 -29.61	39.47 2.28 -8.24	42.63 2.89 -1.22	48.10 3.45 0.00	33.14 2.27 -0.32	30.16 1.76 -4.13	26.92 1.85 0.00	23.51 1.35 0.00

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	22.69 1.20 0.00	22.80 1.16 0.00	18.96 0.96 0.00	19.42 0.95 0.00	18.37 1.03 0.00	18.56 1.12 0.00	30.82 2.17 0.00	341.10 24.07 -0.12	36.49 2.23 -5.13	71.33 1.72 -47.65	38.48 2.75 0.00	33.93 2.51 0.00	42.30 2.88 0.00	31.22 2.09 0.00	29.82 2.14 0.00	29.31 2.22 -0.47	50.98 1.57 -29.61	39.48 2.29 -8.24	42.64 2.91 -1.22	48.11 3.47 0.00	33.16 2.29 -0.32	30.17 1.77 -4.13	26.93 1.86 0.00	23.52 1.36 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	22.67 1.18 0.00	22.78 1.14 0.00	18.94 0.95 0.00	19.40 0.94 0.00	18.36 1.01 0.00	18.54 1.11 0.00	30.79 2.14 0.00	340.78 23.75 -0.12	36.46 2.21 -5.13	71.30 1.69 -47.65	38.45 2.72 0.00	33.90 2.48 0.00	42.27 2.86 0.00	31.20 2.07 0.00	29.80 2.13 0.00	29.28 2.20 -0.47	50.96 1.56 -29.61	39.46 2.27 -8.24	42.61 2.88 -1.22	48.07 3.42 0.00	33.13 2.25 -0.32	30.14 1.74 -4.13	26.90 1.84 0.00	23.50 1.34 0.00
FARRAGUT___LBMP 323566	22.66 1.17 0.00	22.77 1.13 0.00	18.93 0.94 0.00	19.39 0.93 0.00	18.35 1.00 0.00	18.53 1.09 0.00	30.77 2.12 0.00	340.47 23.45 -0.12	36.44 2.18 -5.13	71.28 1.67 -47.65	38.41 2.68 0.00	33.87 2.45 0.00	42.23 2.82 0.00	31.17 2.04 0.00	29.77 2.10 0.00	29.26 2.17 -0.47	50.94 1.54 -29.61	39.43 2.24 -8.24	42.58 2.84 -1.22	48.03 3.39 0.00	33.10 2.23 -0.32	30.12 1.73 -4.13	26.89 1.82 0.00	23.48 1.32 0.00
FENNER___WINDPWR 24204	21.67 0.18 0.00	21.86 0.21 0.00	18.12 0.12 0.00	18.60 0.13 0.00	17.48 0.14 0.00	17.60 0.17 0.00	34.20 0.46 -5.08	326.84 7.74 -2.20	62.15 0.55 -32.47	40.85 0.35 -18.53	38.75 0.33 -2.70	33.42 0.34 -1.65	43.28 0.50 -3.36	31.46 0.44 -1.89	28.56 0.20 -0.68	26.77 0.14 -0.02	20.89 0.17 -0.93	29.56 0.35 -0.26	39.18 0.62 -0.04	45.40 0.76 0.00	30.97 0.41 -0.01	24.73 0.33 -0.13	25.38 0.31 0.00	22.44 0.28 0.00
FIBERTEK___ENERGY 23856	21.43 -0.06 0.00	21.62 -0.03 0.00	17.93 -0.07 0.00	18.41 -0.05 0.00	17.29 -0.05 0.00	17.42 -0.02 0.00	36.43 0.12 -7.65	327.32 7.24 -3.17	77.32 0.40 -47.79	50.08 0.00 -28.11	39.78 -0.05 -4.10	33.92 -0.01 -2.50	44.60 0.08 -5.10	32.05 0.05 -2.87	28.58 -0.13 -1.03	26.36 -0.27 -0.01	20.38 -0.17 -0.75	28.94 -0.22 -0.21	38.21 -0.33 -0.03	44.31 -0.33 0.00	30.29 -0.27 -0.01	24.21 -0.16 -0.10	24.92 -0.15 0.00	22.20 0.04 0.00
FITZPATRICK____ 23598	20.85 -0.64 0.00	21.01 -0.63 0.00	17.45 -0.55 0.00	17.91 -0.56 0.00	16.81 -0.54 0.00	16.89 -0.55 0.00	-28.13 -0.93 55.86	300.38 -10.50 6.02	-332.22 -0.93 360.41	-182.78 -0.69 204.04	4.81 -1.18 29.74	12.22 -1.03 18.17	1.16 -1.23 37.02	7.42 -0.91 20.80	19.24 -0.96 7.48	25.63 -0.99 0.00	19.09 -0.71 0.00	27.90 -1.04 0.00	37.16 -1.36 0.00	43.12 -1.53 0.00	29.50 -1.05 0.00	23.51 -0.76 0.00	24.31 -0.76 0.00	21.57 -0.59 0.00
FLOWRFLD_69_KV_BK1 356044	23.10 1.61 0.00	23.25 1.61 0.00	19.30 1.31 0.00	19.78 1.31 0.00	18.79 1.44 0.00	19.01 1.57 0.00	31.35 2.69 0.00	343.94 26.92 -0.12	36.93 2.66 -5.14	71.76 2.26 -47.54	38.40 2.67 0.00	34.15 2.73 0.00	42.85 3.44 0.00	31.91 2.78 0.00	31.10 3.42 0.00	30.58 3.50 -0.47	52.06 2.64 -29.63	40.68 3.49 -8.25	43.94 4.20 -1.22	48.88 4.24 0.00	33.72 2.85 -0.32	30.55 2.14 -4.13	27.41 2.34 0.00	23.89 1.73 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	22.68 1.19 0.00	22.80 1.16 0.00	18.94 0.94 0.00	19.41 0.95 0.00	18.37 1.02 0.00	18.54 1.10 0.00	30.72 2.07 0.00	340.63 23.61 -0.12	36.48 2.18 -5.17	32.59 1.63 -8.99	38.24 2.51 0.00	33.68 2.25 0.00	42.10 2.69 0.00	31.08 1.95 0.00	29.65 1.97 0.00	29.10 2.02 -0.47	51.12 1.49 -29.84	39.53 2.27 -8.31	42.73 2.99 -1.23	48.16 3.52 0.00	33.22 2.35 -0.33	30.20 1.77 -4.16	26.87 1.80 0.00	23.48 1.32 0.00
FORT ORANGE____ 23900	21.80 0.31 0.00	21.93 0.29 0.00	18.24 0.24 0.00	18.68 0.21 0.00	17.69 0.35 0.00	17.81 0.37 0.00	29.44 0.78 0.00	328.36 11.35 -0.11	36.56 0.96 -6.47	39.77 0.65 -17.16	36.63 0.91 0.00	32.16 0.73 0.00	40.25 0.84 0.00	29.74 0.61 0.00	28.39 0.71 0.00	28.03 0.83 -0.59	57.77 0.66 -37.31	40.42 1.08 -10.39	41.50 1.45 -1.54	46.37 1.73 0.00	32.08 1.12 -0.41	30.29 0.82 -5.20	25.83 0.76 0.00	22.62 0.46 0.00
FORT_DRUM_COGEN 23780	21.93 0.44 0.00	21.94 0.30 0.00	17.83 -0.17 0.00	18.22 -0.25 0.00	17.07 -0.27 0.00	17.24 -0.20 0.00	31.44 -0.12 -2.91	317.24 -0.84 -1.17	40.06 0.15 -10.79	28.72 0.14 -6.62	36.76 0.07 -0.97	31.90 -0.12 -0.59	40.25 -0.36 -1.20	29.33 -0.48 -0.67	27.27 -0.65 -0.24	26.04 -0.58 0.00	19.41 -0.38 0.00	28.79 -0.16 0.00	38.66 0.15 0.00	44.91 0.26 0.00	30.46 -0.09 0.00	24.03 -0.24 0.00	24.59 -0.48 0.00	21.84 -0.32 0.00
FPL_FAR_ROCK_GT1 24212	22.92 1.43 0.00	23.05 1.40 0.00	19.13 1.14 0.00	19.60 1.14 0.00	18.57 1.22 0.00	18.78 1.34 0.00	30.85 2.20 0.00	338.85 21.83 -0.12	36.56 2.30 -5.14	71.17 1.68 -47.54	38.23 2.51 0.00	33.88 2.46 0.00	42.27 2.86 0.00	31.42 2.28 0.00	30.17 2.48 -0.02	29.57 2.48 -0.47	51.22 1.79 -29.63	39.76 2.56 -8.25	42.89 3.16 -1.22	48.23 3.59 0.00	33.49 2.62 -0.32	30.56 2.15 -4.14	27.31 2.24 0.00	23.88 1.69 -0.02
FPL_FAR_ROCK_GT2 23815	22.92 1.43 0.00	23.05 1.40 0.00	19.13 1.14 0.00	19.60 1.14 0.00	18.57 1.22 0.00	18.78 1.34 0.00	30.85 2.20 0.00	338.85 21.83 -0.12	36.56 2.30 -5.14	71.17 1.68 -47.54	38.23 2.51 0.00	33.88 2.46 0.00	42.27 2.86 0.00	31.42 2.28 0.00	30.17 2.48 -0.02	29.57 2.48 -0.47	51.22 1.79 -29.63	39.76 2.56 -8.25	42.89 3.16 -1.22	48.23 3.59 0.00	33.49 2.62 -0.32	30.56 2.15 -4.14	27.31 2.24 0.00	23.88 1.69 -0.02
FRANKLIN_FALL_HYD 24054	21.82 0.33 0.00	21.90 0.26 0.00	18.27 0.27 0.00	18.68 0.21 0.00	17.43 0.09 0.00	17.55 0.11 0.00	28.72 0.06 0.00	316.93 -0.25 -0.27	29.25 0.13 0.00	22.04 0.07 0.00	35.89 0.17 0.00	31.69 0.27 0.00	39.94 0.53 0.00	29.51 0.38 0.00	28.37 0.70 0.00	27.42 0.80 0.00	20.29 0.50 0.00	29.82 0.87 0.00	39.66 1.15 0.00	45.34 0.70 0.00	31.17 0.62 0.00	24.66 0.38 0.00	25.30 0.23 0.00	22.44 0.28 0.00
FREEPORT_EQUS_GT1 23764	22.78 1.29 0.00	22.91 1.27 0.00	19.02 1.03 0.00	19.49 1.02 0.00	18.47 1.12 0.00	18.68 1.24 0.00	30.71 2.06 0.00	337.33 20.31 -0.12	36.42 2.16 -5.14	71.09 1.60 -47.54	38.15 2.42 0.00	33.81 2.38 0.00	42.20 2.79 0.00	31.37 2.24 0.00	30.16 2.48 -0.01	29.57 2.48 -0.47	51.21 1.78 -29.63	39.62 2.42 -8.25	42.72 2.99 -1.22	48.02 3.38 0.00	33.35 2.48 -0.32	30.37 1.96 -4.13	27.16 2.09 0.00	23.72 1.56 -0.01
FREEPORT___CT2 23818	22.78 1.29 0.00	22.91 1.27 0.00	19.02 1.03 0.00	19.49 1.02 0.00	18.47 1.12 0.00	18.68 1.24 0.00	30.71 2.06 0.00	337.33 20.31 -0.12	36.42 2.16 -5.14	71.09 1.60 -47.54	38.15 2.42 0.00	33.81 2.38 0.00	42.20 2.79 0.00	31.37 2.24 0.00	30.16 2.48 -0.01	29.57 2.48 -0.47	51.21 1.78 -29.63	39.62 2.42 -8.25	42.72 2.99 -1.22	48.02 3.38 0.00	33.35 2.48 -0.32	30.37 1.96 -4.13	27.16 2.09 0.00	23.72 1.56 -0.01



FRESHKLS_33_KV_LOAD 356253	22.59 1.10 0.00	22.67 1.03 0.00	18.86 0.86 0.00	19.32 0.85 0.00	18.29 0.94 0.00	18.46 1.02 0.00	30.65 1.99 0.00	338.70 21.69 -0.11	35.05 2.05 -3.88	35.44 1.50 -11.98	34.11 2.58 4.20	33.84 2.43 0.01	41.19 2.73 0.95	31.11 1.98 0.00	29.79 2.11 0.00	29.23 2.15 -0.46	50.01 1.50 -28.72	35.49 2.21 -4.33	42.56 2.83 -1.21	48.06 3.42 0.00	33.18 2.31 -0.32	30.26 1.86 -4.13	27.01 1.94 0.00	23.46 1.30 0.00
FULTON COGEN____ 23766	21.62 0.13 0.00	21.78 0.14 0.00	18.04 0.04 0.00	18.52 0.06 0.00	17.40 0.05 0.00	17.52 0.08 0.00	34.01 0.29 -5.06	326.34 6.50 -2.94	61.86 0.46 -32.28	40.97 0.24 -18.77	38.76 0.30 -2.74	33.40 0.31 -1.67	43.27 0.45 -3.41	31.37 0.32 -1.91	28.44 0.08 -0.69	26.57 -0.05 -0.01	19.32 -0.47 0.00	28.18 -0.77 0.00	37.76 -0.75 0.00	43.84 -0.80 0.00	29.97 -0.58 0.00	23.88 -0.39 0.00	24.68 -0.39 0.00	21.88 -0.28 0.00
FULTON____LFGE 323630	22.63 1.14 0.00	22.76 1.12 0.00	18.89 0.89 0.00	19.39 0.92 0.00	18.22 0.87 0.00	18.47 1.03 0.00	30.71 2.05 0.00	339.34 22.32 -0.11	37.74 1.88 -6.73	39.63 1.09 -16.58	37.09 1.36 0.00	31.63 0.21 0.00	40.83 1.42 0.00	30.17 1.03 0.00	28.06 0.39 0.00	27.82 0.59 -0.61	59.60 0.97 -38.84	41.43 1.66 -10.82	42.61 2.49 -1.60	47.49 2.84 0.00	32.91 1.94 -0.42	31.37 1.68 -5.42	26.67 1.60 0.00	23.50 1.34 0.00
G.F.CEMENT____DRP 24184	22.56 1.07 0.00	22.67 1.03 0.00	18.86 0.86 0.00	19.33 0.86 0.00	18.28 0.93 0.00	18.49 1.06 0.00	30.49 1.84 0.00	341.13 24.12 -0.11	37.88 2.06 -6.69	40.34 1.45 -16.93	37.86 2.14 0.00	33.14 1.72 0.00	41.68 2.27 0.00	30.78 1.65 0.00	29.40 1.72 0.00	29.04 1.82 -0.61	59.87 1.46 -38.61	41.99 2.29 -10.75	43.26 3.16 -1.59	48.28 3.64 0.00	33.35 2.38 -0.42	31.41 1.75 -5.39	26.67 1.60 0.00	23.22 1.05 0.00
GARDENVILLE____LBMP 24039	20.61 -0.88 0.00	20.96 -0.68 0.00	17.37 -0.63 0.00	18.04 -0.43 0.00	16.93 -0.42 0.00	17.05 -0.39 0.00	32.84 -0.58 -4.77	311.22 -8.69 -3.01	59.09 -0.79 -30.76	39.00 -0.44 -17.48	37.61 -0.66 -2.55	32.40 -0.58 -1.56	42.19 -0.40 -3.17	30.62 -0.29 -1.78	27.61 -0.70 -0.64	25.66 -0.97 -0.02	20.25 -0.78 -1.24	28.15 -1.14 -0.35	37.29 -1.27 -0.05	43.51 -1.14 0.00	29.58 -0.99 -0.01	23.54 -0.90 -0.17	24.46 -0.61 0.00	21.68 -0.48 0.00
GARDNVLA_35_KV_LD 355827	20.70 -0.79 0.00	21.05 -0.59 0.00	17.45 -0.55 0.00	18.12 -0.35 0.00	17.00 -0.35 0.00	17.12 -0.32 0.00	32.99 -0.44 -4.77	312.81 -7.11 -3.01	59.25 -0.64 -30.77	39.12 -0.32 -17.48	37.81 -0.47 -2.55	32.56 -0.41 -1.56	42.42 -0.16 -3.17	30.78 -0.13 -1.78	27.75 -0.57 -0.64	25.80 -0.84 -0.02	20.35 -0.69 -1.24	28.29 -1.00 -0.35	37.49 -1.08 -0.05	43.73 -0.92 0.00	29.73 -0.83 -0.01	23.66 -0.79 -0.17	24.58 -0.49 0.00	21.77 -0.39 0.00
GELCKHM__115KV_LOAD 80723	21.27 -0.22 0.00	21.44 -0.20 0.00	17.79 -0.20 0.00	18.27 -0.20 0.00	17.16 -0.19 0.00	17.26 -0.17 0.00	34.29 -0.19 -5.83	321.31 1.34 -3.07	65.79 -0.04 -36.71	43.21 -0.18 -21.42	38.52 -0.33 -3.12	33.05 -0.28 -1.91	43.05 -0.25 -3.89	31.12 -0.19 -2.19	28.11 -0.35 -0.79	26.16 -0.47 -0.01	20.18 -0.29 -0.68	28.74 -0.40 -0.19	37.95 -0.60 -0.03	44.00 -0.64 0.00	30.09 -0.47 -0.01	24.04 -0.33 -0.09	24.75 -0.33 0.00	21.99 -0.17 0.00
GENERAL____MILLS 23808	20.67 -0.82 0.00	21.02 -0.62 0.00	17.42 -0.58 0.00	18.09 -0.38 0.00	16.98 -0.37 0.00	17.10 -0.34 0.00	32.94 -0.49 -4.77	312.41 -7.50 -3.01	59.20 -0.69 -30.77	39.08 -0.36 -17.48	37.74 -0.54 -2.55	32.51 -0.47 -1.56	42.33 -0.25 -3.17	30.73 -0.18 -1.78	27.70 -0.62 -0.64	25.75 -0.88 -0.02	20.31 -0.72 -1.24	28.24 -1.05 -0.35	37.42 -1.15 -0.05	43.65 -1.00 0.00	29.68 -0.89 -0.01	23.62 -0.83 -0.17	24.54 -0.53 0.00	21.74 -0.42 0.00
GE_PLASTICS____DRP 24183	21.84 0.35 0.00	21.97 0.33 0.00	18.27 0.28 0.00	18.73 0.26 0.00	17.72 0.38 0.00	17.84 0.40 0.00	29.45 0.79 0.00	327.37 10.36 -0.11	36.49 0.87 -6.49	39.80 0.63 -17.21	36.61 0.88 0.00	32.20 0.77 0.00	40.30 0.88 0.00	29.77 0.64 0.00	28.40 0.72 0.00	28.01 0.80 -0.59	57.90 0.64 -37.47	40.36 0.98 -10.43	41.33 1.27 -1.54	46.14 1.49 0.00	31.95 0.99 -0.41	30.22 0.72 -5.23	25.76 0.69 0.00	22.58 0.42 0.00
GILBOA____1 23756	22.03 0.54 0.00	22.16 0.52 0.00	18.42 0.43 0.00	18.89 0.42 0.00	17.91 0.57 0.00	18.00 0.56 0.00	29.67 1.01 0.00	329.20 12.16 -0.14	35.34 1.03 -5.19	33.52 0.75 -10.81	36.86 1.14 0.00	32.51 1.08 0.00	40.68 1.27 0.00	30.05 0.92 0.00	28.64 0.96 0.00	28.10 1.02 -0.47	50.52 0.77 -29.95	38.32 1.03 -8.34	41.06 1.31 -1.23	46.17 1.52 0.00	32.00 1.12 -0.33	29.33 0.88 -4.18	25.95 0.88 0.00	22.77 0.61 0.00
GILBOA____2 23757	22.03 0.54 0.00	22.16 0.52 0.00	18.42 0.43 0.00	18.89 0.42 0.00	17.91 0.57 0.00	18.00 0.56 0.00	29.67 1.01 0.00	329.20 12.16 -0.14	35.34 1.03 -5.19	33.52 0.75 -10.81	36.86 1.14 0.00	32.51 1.08 0.00	40.68 1.27 0.00	30.05 0.92 0.00	28.64 0.96 0.00	28.10 1.02 -0.47	50.52 0.77 -29.95	38.32 1.03 -8.34	41.06 1.31 -1.23	46.17 1.52 0.00	32.00 1.12 -0.33	29.33 0.88 -4.18	25.95 0.88 0.00	22.77 0.61 0.00
GILBOA____3 23758	22.03 0.54 0.00	22.16 0.52 0.00	18.42 0.43 0.00	18.89 0.42 0.00	17.91 0.57 0.00	18.00 0.56 0.00	29.67 1.01 0.00	329.20 12.16 -0.14	35.34 1.03 -5.19	33.52 0.75 -10.81	36.86 1.14 0.00	32.51 1.08 0.00	40.68 1.27 0.00	30.05 0.92 0.00	28.64 0.96 0.00	28.10 1.02 -0.47	50.52 0.77 -29.95	38.32 1.03 -8.34	41.06 1.31 -1.23	46.17 1.52 0.00	32.00 1.12 -0.33	29.33 0.88 -4.18	25.95 0.88 0.00	22.77 0.61 0.00
GILBOA____4 23759	22.03 0.54 0.00	22.16 0.52 0.00	18.42 0.43 0.00	18.89 0.42 0.00	17.91 0.57 0.00	18.00 0.56 0.00	29.67 1.01 0.00	329.20 12.16 -0.14	35.34 1.03 -5.19	33.52 0.75 -10.81	36.86 1.14 0.00	32.51 1.08 0.00	40.68 1.27 0.00	30.05 0.92 0.00	28.64 0.96 0.00	28.10 1.02 -0.47	50.52 0.77 -29.95	38.32 1.03 -8.34	41.06 1.31 -1.23	46.17 1.52 0.00	32.00 1.12 -0.33	29.33 0.88 -4.18	25.95 0.88 0.00	22.77 0.61 0.00
GILBOA____ 23599	22.03 0.54 0.00	22.16 0.52 0.00	18.42 0.43 0.00	18.89 0.42 0.00	17.91 0.57 0.00	18.00 0.56 0.00	29.68 1.02 0.00	329.21 12.16 -0.14	35.34 1.03 -5.19	33.54 0.76 -10.81	36.87 1.14 0.00	32.51 1.08 0.00	40.68 1.27 0.00	30.05 0.92 0.00	28.64 0.96 0.00	28.11 1.02 -0.47	50.51 0.76 -29.95	38.32 1.03 -8.34	41.06 1.31 -1.23	46.17 1.52 0.00	32.00 1.12 -0.33	29.33 0.88 -4.18	25.95 0.88 0.00	22.77 0.61 0.00
GINNA____ 23603	20.09 -1.40 0.00	20.29 -1.35 0.00	16.84 -1.16 0.00	17.35 -1.12 0.00	16.31 -1.04 0.00	16.44 -1.00 0.00	30.96 -1.52 -3.82	303.16 -16.84 -3.10	51.92 -1.60 -24.39	34.88 -1.09 -14.01	35.99 -1.78 -2.04	31.10 -1.57 -1.25	40.13 -1.83 -2.54	29.21 -1.35 -1.43	26.69 -1.50 -0.51	24.99 -1.64 -0.01	19.45 -1.21 -0.86	27.43 -1.76 -0.24	36.30 -2.26 -0.04	42.16 -2.48 0.00	28.76 -1.80 -0.01	22.93 -1.46 -0.12	23.62 -1.46 0.00	20.92 -1.25 0.00

GLEN PARK____ 23778	22.04 0.55 0.00	22.05 0.41 0.00	17.92 -0.08 0.00	18.32 -0.15 0.00	17.17 -0.17 0.00	17.35 -0.09 0.00	31.82 0.13 -3.03	326.66 7.67 -2.08	51.46 0.81 -21.53	35.20 0.69 -12.55	38.29 0.74 -1.83	33.02 0.48 -1.12	42.12 0.42 -2.28	30.47 0.06 -1.28	27.86 -0.27 -0.46	26.39 -0.22 0.00	19.59 -0.20 0.00	29.02 0.07 0.00	39.09 0.57 0.00	45.46 0.82 0.00	30.70 0.15 0.00	24.21 -0.06 0.00	24.65 -0.42 0.00	21.96 -0.20 0.00
GLENDALE_27_KV_LOAD 356172	22.77 1.28 0.00	22.88 1.24 0.00	19.03 1.03 0.00	19.48 1.01 0.00	18.44 1.09 0.00	18.63 1.19 0.00	30.94 2.28 0.00	342.58 25.55 -0.12	36.65 2.39 -5.13	71.39 1.78 -47.65	38.66 2.93 0.00	34.11 2.69 0.00	43.58 3.12 -1.06	31.39 2.26 0.00	29.99 2.31 0.00	29.46 2.37 -0.47	51.09 1.69 -29.61	39.67 2.48 -8.24	42.88 3.15 -1.22	48.35 3.71 0.00	33.37 2.49 -0.32	30.32 1.92 -4.13	27.06 1.99 0.00	23.63 1.47 0.00
GLENWOOD_IC_1_G5 23712	22.71 1.22 0.00	22.84 1.20 0.00	18.96 0.97 0.00	19.43 0.97 0.00	18.41 1.06 0.00	18.60 1.16 0.00	30.75 2.09 0.00	339.25 22.23 -0.12	36.45 2.20 -5.14	71.18 1.68 -47.54	38.29 2.56 0.00	33.86 2.44 0.00	42.27 2.86 0.00	31.32 2.18 0.00	30.01 2.32 0.00	29.43 2.35 -0.47	51.12 1.69 -29.63	39.62 2.42 -8.25	42.77 3.03 -1.22	48.15 3.51 0.00	33.30 2.43 -0.32	30.26 1.85 -4.13	27.00 1.93 0.00	23.60 1.43 -0.01
GLENWOOD_IC_2_G1 23688	22.64 1.15 0.00	22.77 1.13 0.00	18.91 0.91 0.00	19.38 0.91 0.00	18.35 1.00 0.00	18.53 1.09 0.00	30.66 2.00 0.00	338.63 21.60 -0.12	36.37 2.11 -5.14	71.07 1.57 -47.54	38.20 2.48 0.00	33.74 2.32 0.00	42.11 2.70 0.00	31.15 2.02 0.00	29.83 2.15 0.00	29.27 2.19 -0.47	51.01 1.59 -29.63	39.47 2.28 -8.25	42.61 2.88 -1.22	47.98 3.34 0.00	33.17 2.30 -0.32	30.16 1.75 -4.13	26.90 1.83 0.00	23.51 1.35 0.00
GLENWOOD_IC_3_G1 23689	22.64 1.15 0.00	22.77 1.13 0.00	18.91 0.91 0.00	19.38 0.91 0.00	18.35 1.00 0.00	18.53 1.09 0.00	30.66 2.00 0.00	338.63 21.60 -0.12	36.37 2.11 -5.14	71.07 1.57 -47.54	38.20 2.48 0.00	33.74 2.32 0.00	42.11 2.70 0.00	31.15 2.02 0.00	29.83 2.15 0.00	29.27 2.19 -0.47	51.01 1.59 -29.63	39.47 2.28 -8.25	42.61 2.88 -1.22	47.98 3.34 0.00	33.17 2.30 -0.32	30.16 1.75 -4.13	26.90 1.83 0.00	23.51 1.35 0.00
GLENWOOD____4 23550	22.71 1.22 0.00	22.84 1.20 0.00	18.96 0.97 0.00	19.43 0.97 0.00	18.41 1.06 0.00	18.60 1.16 0.00	30.75 2.09 0.00	339.25 22.23 -0.12	36.45 2.20 -5.14	71.18 1.68 -47.54	38.29 2.56 0.00	33.86 2.44 0.00	42.27 2.86 0.00	31.32 2.18 0.00	30.01 2.32 0.00	29.43 2.35 -0.47	51.12 1.69 -29.63	39.62 2.42 -8.25	42.77 3.03 -1.22	48.15 3.51 0.00	33.30 2.43 -0.32	30.26 1.85 -4.13	27.00 1.93 0.00	23.60 1.43 -0.01
GLENWOOD____5 23614	22.71 1.22 0.00	22.84 1.20 0.00	18.96 0.97 0.00	19.43 0.97 0.00	18.41 1.06 0.00	18.60 1.16 0.00	30.75 2.09 0.00	339.25 22.23 -0.12	36.45 2.20 -5.14	71.18 1.68 -47.54	38.29 2.56 0.00	33.86 2.44 0.00	42.27 2.86 0.00	31.32 2.18 0.00	30.01 2.32 0.00	29.43 2.35 -0.47	51.12 1.69 -29.63	39.62 2.42 -8.25	42.77 3.03 -1.22	48.15 3.51 0.00	33.30 2.43 -0.32	30.26 1.85 -4.13	27.00 1.93 0.00	23.60 1.43 -0.01
GLOBAL GREEN_PORT_GT1 23814	23.50 2.01 0.00	23.65 2.01 0.00	19.63 1.64 0.00	20.13 1.66 0.00	19.13 1.78 0.00	19.37 1.93 0.00	31.99 3.33 0.00	350.52 33.50 -0.12	37.62 3.36 -5.14	72.01 2.52 -47.54	39.07 3.34 0.00	34.72 3.29 0.00	43.58 4.17 0.00	32.39 3.26 0.00	31.60 3.92 0.00	31.10 4.02 -0.47	52.49 3.07 -29.63	41.40 4.20 -8.25	45.01 5.27 -1.22	50.50 5.86 0.00	35.06 4.18 -0.32	31.36 2.95 -4.13	28.16 3.09 0.00	24.52 2.36 0.00
GLOBE____DSASP 323697	19.93 -1.56 0.00	20.31 -1.34 0.00	16.85 -1.15 0.00	17.51 -0.96 0.00	16.42 -0.93 0.00	16.52 -0.92 0.00	31.53 -1.63 -4.51	296.02 -23.91 -3.03	55.80 -2.21 -28.89	37.09 -1.39 -16.51	35.97 -2.16 -2.41	31.03 -1.86 -1.47	40.26 -2.15 -3.00	29.37 -1.44 -1.68	26.54 -1.74 -0.61	24.62 -2.02 -0.02	19.40 -1.55 -1.16	26.91 -2.36 -0.32	35.51 -3.05 -0.05	41.48 -3.16 0.00	28.30 -2.27 -0.01	22.60 -1.84 -0.16	23.55 -1.52 0.00	20.98 -1.18 0.00
GOETHSLN____LBMP 323567	22.61 1.12 0.00	22.72 1.08 0.00	18.89 0.90 0.00	19.36 0.89 0.00	18.30 0.95 0.00	18.48 1.04 0.00	30.65 2.00 0.00	339.14 22.11 -0.12	36.00 2.06 -4.81	43.70 1.58 -20.15	37.13 2.48 1.07	33.69 2.27 0.00	41.53 2.62 0.51	31.04 1.91 0.00	29.65 1.97 0.00	29.13 2.05 -0.47	50.60 1.43 -29.38	38.26 2.07 -7.25	42.36 2.63 -1.22	47.82 3.18 0.00	32.94 2.06 -0.32	30.01 1.60 -4.13	26.79 1.72 0.00	23.41 1.25 0.00
GOLAH____69_KV_TB 1_2 80279	21.05 -0.44 0.00	21.30 -0.34 0.00	17.67 -0.33 0.00	18.25 -0.22 0.00	17.14 -0.21 0.00	17.31 -0.13 0.00	32.46 -0.15 -3.95	317.85 -2.14 -3.09	54.16 -0.22 -25.26	36.40 -0.05 -14.49	37.81 -0.03 -2.11	32.67 -0.04 -1.29	42.16 0.12 -2.63	30.70 0.10 -1.48	28.02 -0.19 -0.53	26.23 -0.40 -0.02	20.41 -0.29 -0.90	28.80 -0.40 -0.25	38.17 -0.38 -0.04	44.43 -0.21 0.00	30.27 -0.29 -0.01	24.08 -0.32 -0.13	24.86 -0.21 0.00	22.01 -0.15 0.00
GOODYEAR_LAKE_HYD 323669	22.26 0.77 0.00	22.39 0.75 0.00	18.61 0.61 0.00	19.09 0.62 0.00	18.05 0.70 0.00	18.18 0.74 0.00	32.24 1.41 -2.17	334.42 16.60 -0.91	46.94 1.45 -16.36	27.17 1.11 -4.10	38.55 1.67 -1.16	33.63 1.50 -0.71	42.71 1.86 -1.44	31.29 1.35 -0.81	29.29 1.32 -0.29	28.15 1.32 -0.22	34.49 0.98 -13.71	34.23 1.47 -3.82	41.04 1.95 -0.57	46.95 2.31 0.00	32.27 1.57 -0.15	27.37 1.19 -1.91	26.24 1.17 0.00	23.04 0.88 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	21.36 -0.13 0.00	21.55 -0.09 0.00	17.84 -0.15 0.00	18.40 -0.06 0.00	17.27 -0.08 0.00	17.39 -0.05 0.00	36.33 0.15 -7.51	324.73 5.11 -2.72	78.33 0.26 -48.94	49.44 0.00 -27.47	39.75 0.02 -4.00	33.83 -0.04 -2.45	44.60 0.20 -4.99	32.08 0.15 -2.80	28.54 -0.14 -1.01	26.45 -0.21 -0.04	22.28 -0.22 -2.70	29.48 -0.22 -0.75	38.51 -0.12 -0.11	44.63 -0.01 0.00	30.45 -0.13 -0.03	24.46 -0.19 -0.38	24.97 -0.10 0.00	22.07 -0.09 0.00
GOUDEY____7 23579	21.38 -0.11 0.00	21.57 -0.07 0.00	17.85 -0.14 0.00	18.42 -0.05 0.00	17.29 -0.06 0.00	17.40 -0.04 0.00	36.35 0.18 -7.51	325.05 5.43 -2.72	78.35 0.29 -48.94	49.46 0.03 -27.47	39.79 0.06 -4.00	33.85 -0.01 -2.45	44.64 0.24 -4.99	32.11 0.18 -2.80	28.56 -0.12 -1.01	26.47 -0.18 -0.04	22.30 -0.20 -2.70	29.51 -0.19 -0.75	38.55 -0.08 -0.11	44.67 0.03 0.00	30.48 -0.10 -0.03	24.48 -0.17 -0.38	24.99 -0.08 0.00	22.09 -0.08 0.00
GOUDEY____8 23580	21.36 -0.13 0.00	21.55 -0.09 0.00	17.84 -0.15 0.00	18.40 -0.06 0.00	17.27 -0.08 0.00	17.39 -0.05 0.00	36.33 0.15 -7.51	324.73 5.11 -2.72	78.33 0.26 -48.94	49.44 0.00 -27.47	39.75 0.02 -4.00	33.83 -0.04 -2.45	44.60 0.20 -4.99	32.08 0.15 -2.80	28.54 -0.14 -1.01	26.45 -0.21 -0.04	22.28 -0.22 -2.70	29.48 -0.22 -0.75	38.51 -0.12 -0.11	44.63 -0.01 0.00	30.45 -0.13 -0.03	24.46 -0.19 -0.38	24.97 -0.10 0.00	22.07 -0.09 0.00

GOWANUS_GT1_1 24077	22.70 1.21 0.00	22.80 1.16 0.00	18.96 0.96 0.00	19.41 0.94 0.00	18.37 1.03 0.00	18.56 1.12 0.00	30.82 2.17 0.00	341.05 24.03 -0.12	36.48 2.22 -5.13	71.26 1.65 -47.65	38.50 2.77 0.00	33.98 2.56 0.00	43.41 2.94 -1.06	31.26 2.13 0.00	29.89 2.21 0.00	29.34 2.26 -0.47	51.01 1.60 -29.61	39.54 2.35 -8.24	42.72 2.98 -1.22	48.19 3.54 0.00	33.29 2.42 -0.32	30.28 1.88 -4.13	27.02 1.95 0.00	23.58 1.42 0.00
GOWANUS_GT1_2 24078	22.70 1.21 0.00	22.80 1.16 0.00	18.96 0.96 0.00	19.41 0.94 0.00	18.37 1.03 0.00	18.56 1.12 0.00	30.82 2.17 0.00	341.05 24.03 -0.12	36.48 2.22 -5.13	71.26 1.65 -47.65	38.50 2.77 0.00	33.98 2.56 0.00	43.41 2.94 -1.06	31.26 2.13 0.00	29.89 2.21 0.00	29.34 2.26 -0.47	51.01 1.60 -29.61	39.54 2.35 -8.24	42.72 2.98 -1.22	48.19 3.54 0.00	33.29 2.42 -0.32	30.28 1.88 -4.13	27.02 1.95 0.00	23.58 1.42 0.00
GOWANUS_GT1_3 24079	22.70 1.21 0.00	22.80 1.16 0.00	18.96 0.96 0.00	19.41 0.94 0.00	18.37 1.03 0.00	18.56 1.12 0.00	30.82 2.17 0.00	341.05 24.03 -0.12	36.48 2.22 -5.13	71.26 1.65 -47.65	38.50 2.77 0.00	33.98 2.56 0.00	43.41 2.94 -1.06	31.26 2.13 0.00	29.89 2.21 0.00	29.34 2.26 -0.47	51.01 1.60 -29.61	39.54 2.35 -8.24	42.72 2.98 -1.22	48.19 3.54 0.00	33.29 2.42 -0.32	30.28 1.88 -4.13	27.02 1.95 0.00	23.58 1.42 0.00
GOWANUS_GT1_4 24080	22.70 1.21 0.00	22.80 1.16 0.00	18.96 0.96 0.00	19.41 0.94 0.00	18.37 1.03 0.00	18.56 1.12 0.00	30.82 2.17 0.00	341.05 24.03 -0.12	36.48 2.22 -5.13	71.26 1.65 -47.65	38.50 2.77 0.00	33.98 2.56 0.00	43.41 2.94 -1.06	31.26 2.13 0.00	29.89 2.21 0.00	29.34 2.26 -0.47	51.01 1.60 -29.61	39.54 2.35 -8.24	42.72 2.98 -1.22	48.19 3.54 0.00	33.29 2.42 -0.32	30.28 1.88 -4.13	27.02 1.95 0.00	23.58 1.42 0.00
GOWANUS_GT1_5 24084	22.70 1.21 0.00	22.80 1.16 0.00	18.96 0.96 0.00	19.41 0.94 0.00	18.37 1.03 0.00	18.56 1.12 0.00	30.82 2.17 0.00	341.05 24.03 -0.12	36.48 2.22 -5.13	71.26 1.65 -47.65	38.50 2.77 0.00	33.98 2.56 0.00	43.41 2.94 -1.06	31.26 2.13 0.00	29.89 2.21 0.00	29.34 2.26 -0.47	51.01 1.60 -29.61	39.54 2.35 -8.24	42.72 2.98 -1.22	48.19 3.54 0.00	33.29 2.42 -0.32	30.28 1.88 -4.13	27.02 1.95 0.00	23.58 1.42 0.00
GOWANUS_GT1_6 24111	22.70 1.21 0.00	22.80 1.16 0.00	18.96 0.96 0.00	19.41 0.94 0.00	18.37 1.03 0.00	18.56 1.12 0.00	30.82 2.17 0.00	341.05 24.03 -0.12	36.48 2.22 -5.13	71.26 1.65 -47.65	38.50 2.77 0.00	33.98 2.56 0.00	43.41 2.94 -1.06	31.26 2.13 0.00	29.89 2.21 0.00	29.34 2.26 -0.47	51.01 1.60 -29.61	39.54 2.35 -8.24	42.72 2.98 -1.22	48.19 3.54 0.00	33.29 2.42 -0.32	30.28 1.88 -4.13	27.02 1.95 0.00	23.58 1.42 0.00
GOWANUS_GT1_7 24112	22.70 1.21 0.00	22.80 1.16 0.00	18.96 0.96 0.00	19.41 0.94 0.00	18.37 1.03 0.00	18.56 1.12 0.00	30.82 2.17 0.00	341.05 24.03 -0.12	36.48 2.22 -5.13	71.26 1.65 -47.65	38.50 2.77 0.00	33.98 2.56 0.00	43.41 2.94 -1.06	31.26 2.13 0.00	29.89 2.21 0.00	29.34 2.26 -0.47	51.01 1.60 -29.61	39.54 2.35 -8.24	42.72 2.98 -1.22	48.19 3.54 0.00	33.29 2.42 -0.32	30.28 1.88 -4.13	27.02 1.95 0.00	23.58 1.42 0.00
GOWANUS_GT1_8 24113	22.70 1.21 0.00	22.80 1.16 0.00	18.96 0.96 0.00	19.41 0.94 0.00	18.37 1.03 0.00	18.56 1.12 0.00	30.82 2.17 0.00	341.05 24.03 -0.12	36.48 2.22 -5.13	71.26 1.65 -47.65	38.50 2.77 0.00	33.98 2.56 0.00	43.41 2.94 -1.06	31.26 2.13 0.00	29.89 2.21 0.00	29.34 2.26 -0.47	51.01 1.60 -29.61	39.54 2.35 -8.24	42.72 2.98 -1.22	48.19 3.54 0.00	33.29 2.42 -0.32	30.28 1.88 -4.13	27.02 1.95 0.00	23.58 1.42 0.00
GOWANUS_GT2_1 24114	22.70 1.21 0.00	22.80 1.16 0.00	18.96 0.96 0.00	19.41 0.94 0.00	18.37 1.03 0.00	18.56 1.12 0.00	30.82 2.16 0.00	341.04 24.01 -0.12	36.50 2.24 -5.14	71.23 1.62 -47.65	38.50 2.77 0.00	33.98 2.55 -0.01	43.41 2.94 -1.06	31.26 2.13 -0.01	29.88 2.20 -0.01	29.35 2.26 -0.47	51.01 1.60 -29.61	39.54 2.35 -8.25	42.72 2.98 -1.22	48.19 3.55 0.00	33.29 2.41 -0.32	30.29 1.88 -4.13	27.03 1.96 0.00	23.58 1.42 0.00
GOWANUS_GT2_2 24115	22.70 1.21 0.00	22.80 1.16 0.00	18.96 0.96 0.00	19.41 0.94 0.00	18.37 1.03 0.00	18.56 1.12 0.00	30.82 2.16 0.00	341.04 24.01 -0.12	36.50 2.24 -5.14	71.23 1.62 -47.65	38.50 2.77 0.00	33.98 2.55 -0.01	43.41 2.94 -1.06	31.26 2.13 -0.01	29.88 2.20 -0.01	29.35 2.26 -0.47	51.01 1.60 -29.61	39.54 2.35 -8.25	42.72 2.98 -1.22	48.19 3.55 0.00	33.29 2.41 -0.32	30.29 1.88 -4.13	27.03 1.96 0.00	23.58 1.42 0.00
GOWANUS_GT2_3 24116	22.70 1.21 0.00	22.80 1.16 0.00	18.96 0.96 0.00	19.41 0.94 0.00	18.37 1.03 0.00	18.56 1.12 0.00	30.82 2.16 0.00	341.04 24.01 -0.12	36.50 2.24 -5.14	71.23 1.62 -47.65	38.50 2.77 0.00	33.98 2.55 -0.01	43.41 2.94 -1.06	31.26 2.13 -0.01	29.88 2.20 -0.01	29.35 2.26 -0.47	51.01 1.60 -29.61	39.54 2.35 -8.25	42.72 2.98 -1.22	48.19 3.55 0.00	33.29 2.41 -0.32	30.29 1.88 -4.13	27.03 1.96 0.00	23.58 1.42 0.00
GOWANUS_GT2_4 24117	22.70 1.21 0.00	22.80 1.16 0.00	18.96 0.96 0.00	19.41 0.94 0.00	18.37 1.03 0.00	18.56 1.12 0.00	30.82 2.16 0.00	341.04 24.01 -0.12	36.50 2.24 -5.14	71.23 1.62 -47.65	38.50 2.77 0.00	33.98 2.55 -0.01	43.41 2.94 -1.06	31.26 2.13 -0.01	29.88 2.20 -0.01	29.35 2.26 -0.47	51.01 1.60 -29.61	39.54 2.35 -8.25	42.72 2.98 -1.22	48.19 3.55 0.00	33.29 2.41 -0.32	30.29 1.88 -4.13	27.03 1.96 0.00	23.58 1.42 0.00
GOWANUS_GT2_5 24118	22.70 1.21 0.00	22.80 1.16 0.00	18.96 0.96 0.00	19.41 0.94 0.00	18.37 1.03 0.00	18.56 1.12 0.00	30.82 2.16 0.00	341.04 24.01 -0.12	36.50 2.24 -5.14	71.23 1.62 -47.65	38.50 2.77 0.00	33.98 2.55 -0.01	43.41 2.94 -1.06	31.26 2.13 -0.01	29.88 2.20 -0.01	29.35 2.26 -0.47	51.01 1.60 -29.61	39.54 2.35 -8.25	42.72 2.98 -1.22	48.19 3.55 0.00	33.29 2.41 -0.32	30.29 1.88 -4.13	27.03 1.96 0.00	23.58 1.42 0.00
GOWANUS_GT2_6 24119	22.70 1.21 0.00	22.80 1.16 0.00	18.96 0.96 0.00	19.41 0.94 0.00	18.37 1.03 0.00	18.56 1.12 0.00	30.82 2.16 0.00	341.04 24.01 -0.12	36.50 2.24 -5.14	71.23 1.62 -47.65	38.50 2.77 0.00	33.98 2.55 -0.01	43.41 2.94 -1.06	31.26 2.13 -0.01	29.88 2.20 -0.01	29.35 2.26 -0.47	51.01 1.60 -29.61	39.54 2.35 -8.25	42.72 2.98 -1.22	48.19 3.55 0.00	33.29 2.41 -0.32	30.29 1.88 -4.13	27.03 1.96 0.00	23.58 1.42 0.00
GOWANUS_GT2_7 24120	22.70 1.21 0.00	22.80 1.16 0.00	18.96 0.96 0.00	19.41 0.94 0.00	18.37 1.03 0.00	18.56 1.12 0.00	30.82 2.16 0.00	341.04 24.01 -0.12	36.50 2.24 -5.14	71.23 1.62 -47.65	38.50 2.77 0.00	33.98 2.55 -0.01	43.41 2.94 -1.06	31.26 2.13 -0.01	29.88 2.20 -0.01	29.35 2.26 -0.47	51.01 1.60 -29.61	39.54 2.35 -8.25	42.72 2.98 -1.22	48.19 3.55 0.00	33.29 2.41 -0.32	30.29 1.88 -4.13	27.03 1.96 0.00	23.58 1.42 0.00

GOWANUS_GT2_8 24121	22.70 1.21 0.00	22.80 1.16 0.00	18.96 0.96 0.00	19.41 0.94 0.00	18.37 1.03 0.00	18.56 1.12 0.00	30.82 2.16 0.00	341.04 24.01 -0.12	36.50 2.24 -5.14	71.23 1.62 -47.65	38.50 2.77 0.00	33.98 2.55 -0.01	43.41 2.94 -1.06	31.26 2.13 -0.01	29.88 2.20 -0.01	29.35 2.26 -0.47	51.01 1.60 -29.61	39.54 2.35 -8.25	42.72 2.98 -1.22	48.19 3.55 0.00	33.29 2.41 -0.32	30.29 1.88 -4.13	27.03 1.96 0.00	23.58 1.42 0.00
GOWANUS_GT3_1 24122	22.70 1.21 0.00	22.80 1.16 0.00	18.96 0.96 0.00	19.41 0.94 0.00	18.37 1.03 0.00	18.56 1.12 0.00	30.82 2.16 0.00	341.04 24.01 -0.12	36.50 2.24 -5.14	71.23 1.62 -47.65	38.50 2.78 0.00	33.98 2.55 -0.01	43.41 2.94 -1.06	31.26 2.13 -0.01	29.88 2.20 -0.01	29.35 2.26 -0.47	51.01 1.60 -29.61	39.54 2.35 -8.25	42.72 2.98 -1.22	48.19 3.55 0.00	33.29 2.41 -0.32	30.29 1.88 -4.13	27.03 1.96 0.00	23.58 1.42 0.00
GOWANUS_GT3_2 24123	22.70 1.21 0.00	22.80 1.16 0.00	18.96 0.96 0.00	19.41 0.94 0.00	18.37 1.03 0.00	18.56 1.12 0.00	30.82 2.16 0.00	341.04 24.01 -0.12	36.50 2.24 -5.14	71.23 1.62 -47.65	38.50 2.78 0.00	33.98 2.55 -0.01	43.41 2.94 -1.06	31.26 2.13 -0.01	29.88 2.20 -0.01	29.35 2.26 -0.47	51.01 1.60 -29.61	39.54 2.35 -8.25	42.72 2.98 -1.22	48.19 3.55 0.00	33.29 2.41 -0.32	30.29 1.88 -4.13	27.03 1.96 0.00	23.58 1.42 0.00
GOWANUS_GT3_3 24124	22.70 1.21 0.00	22.80 1.16 0.00	18.96 0.96 0.00	19.41 0.94 0.00	18.37 1.03 0.00	18.56 1.12 0.00	30.82 2.16 0.00	341.04 24.01 -0.12	36.50 2.24 -5.14	71.23 1.62 -47.65	38.50 2.78 0.00	33.98 2.55 -0.01	43.41 2.94 -1.06	31.26 2.13 -0.01	29.88 2.20 -0.01	29.35 2.26 -0.47	51.01 1.60 -29.61	39.54 2.35 -8.25	42.72 2.98 -1.22	48.19 3.55 0.00	33.29 2.41 -0.32	30.29 1.88 -4.13	27.03 1.96 0.00	23.58 1.42 0.00
GOWANUS_GT3_4 24125	22.70 1.21 0.00	22.80 1.16 0.00	18.96 0.96 0.00	19.41 0.94 0.00	18.37 1.03 0.00	18.56 1.12 0.00	30.82 2.16 0.00	341.04 24.01 -0.12	36.50 2.24 -5.14	71.23 1.62 -47.65	38.50 2.78 0.00	33.98 2.55 -0.01	43.41 2.94 -1.06	31.26 2.13 -0.01	29.88 2.20 -0.01	29.35 2.26 -0.47	51.01 1.60 -29.61	39.54 2.35 -8.25	42.72 2.98 -1.22	48.19 3.55 0.00	33.29 2.41 -0.32	30.29 1.88 -4.13	27.03 1.96 0.00	23.58 1.42 0.00
GOWANUS_GT3_5 24126	22.70 1.21 0.00	22.80 1.16 0.00	18.96 0.96 0.00	19.41 0.94 0.00	18.37 1.03 0.00	18.56 1.12 0.00	30.82 2.16 0.00	341.04 24.01 -0.12	36.50 2.24 -5.14	71.23 1.62 -47.65	38.50 2.78 0.00	33.98 2.55 -0.01	43.41 2.94 -1.06	31.26 2.13 -0.01	29.88 2.20 -0.01	29.35 2.26 -0.47	51.01 1.60 -29.61	39.54 2.35 -8.25	42.72 2.98 -1.22	48.19 3.55 0.00	33.29 2.41 -0.32	30.29 1.88 -4.13	27.03 1.96 0.00	23.58 1.42 0.00
GOWANUS_GT3_6 24127	22.70 1.21 0.00	22.80 1.16 0.00	18.96 0.96 0.00	19.41 0.94 0.00	18.37 1.03 0.00	18.56 1.12 0.00	30.82 2.16 0.00	341.04 24.01 -0.12	36.50 2.24 -5.14	71.23 1.62 -47.65	38.50 2.78 0.00	33.98 2.55 -0.01	43.41 2.94 -1.06	31.26 2.13 -0.01	29.88 2.20 -0.01	29.35 2.26 -0.47	51.01 1.60 -29.61	39.54 2.35 -8.25	42.72 2.98 -1.22	48.19 3.55 0.00	33.29 2.41 -0.32	30.29 1.88 -4.13	27.03 1.96 0.00	23.58 1.42 0.00
GOWANUS_GT3_7 24128	22.70 1.21 0.00	22.80 1.16 0.00	18.96 0.96 0.00	19.41 0.94 0.00	18.37 1.03 0.00	18.56 1.12 0.00	30.82 2.16 0.00	341.04 24.01 -0.12	36.50 2.24 -5.14	71.23 1.62 -47.65	38.50 2.78 0.00	33.98 2.55 -0.01	43.41 2.94 -1.06	31.26 2.13 -0.01	29.88 2.20 -0.01	29.35 2.26 -0.47	51.01 1.60 -29.61	39.54 2.35 -8.25	42.72 2.98 -1.22	48.19 3.55 0.00	33.29 2.41 -0.32	30.29 1.88 -4.13	27.03 1.96 0.00	23.58 1.42 0.00
GOWANUS_GT3_8 24129	22.70 1.21 0.00	22.80 1.16 0.00	18.96 0.96 0.00	19.41 0.94 0.00	18.37 1.03 0.00	18.56 1.12 0.00	30.82 2.16 0.00	341.04 24.01 -0.12	36.50 2.24 -5.14	71.23 1.62 -47.65	38.50 2.78 0.00	33.98 2.55 -0.01	43.41 2.94 -1.06	31.26 2.13 -0.01	29.88 2.20 -0.01	29.35 2.26 -0.47	51.01 1.60 -29.61	39.54 2.35 -8.25	42.72 2.98 -1.22	48.19 3.55 0.00	33.29 2.41 -0.32	30.29 1.88 -4.13	27.03 1.96 0.00	23.58 1.42 0.00
GOWANUS_GT4_1 24130	22.70 1.21 0.00	22.80 1.16 0.00	18.96 0.96 0.00	19.41 0.94 0.00	18.37 1.03 0.00	18.56 1.12 0.00	30.82 2.17 0.00	341.05 24.03 -0.12	36.48 2.22 -5.13	71.26 1.65 -47.65	38.50 2.77 0.00	33.98 2.56 0.00	43.41 2.94 -1.06	31.26 2.13 0.00	29.89 2.21 0.00	29.34 2.26 -0.47	51.01 1.60 -29.61	39.54 2.35 -8.24	42.72 2.98 -1.22	48.19 3.54 0.00	33.29 2.42 -0.32	30.28 1.88 -4.13	27.02 1.95 0.00	23.58 1.42 0.00
GOWANUS_GT4_2 24131	22.70 1.21 0.00	22.80 1.16 0.00	18.96 0.96 0.00	19.41 0.94 0.00	18.37 1.03 0.00	18.56 1.12 0.00	30.82 2.17 0.00	341.05 24.03 -0.12	36.48 2.22 -5.13	71.26 1.65 -47.65	38.50 2.77 0.00	33.98 2.56 0.00	43.41 2.94 -1.06	31.26 2.13 0.00	29.89 2.21 0.00	29.34 2.26 -0.47	51.01 1.60 -29.61	39.54 2.35 -8.24	42.72 2.98 -1.22	48.19 3.54 0.00	33.29 2.42 -0.32	30.28 1.88 -4.13	27.02 1.95 0.00	23.58 1.42 0.00
GOWANUS_GT4_3 24132	22.70 1.21 0.00	22.80 1.16 0.00	18.96 0.96 0.00	19.41 0.94 0.00	18.37 1.03 0.00	18.56 1.12 0.00	30.82 2.17 0.00	341.05 24.03 -0.12	36.48 2.22 -5.13	71.26 1.65 -47.65	38.50 2.77 0.00	33.98 2.56 0.00	43.41 2.94 -1.06	31.26 2.13 0.00	29.89 2.21 0.00	29.34 2.26 -0.47	51.01 1.60 -29.61	39.54 2.35 -8.24	42.72 2.98 -1.22	48.19 3.54 0.00	33.29 2.42 -0.32	30.28 1.88 -4.13	27.02 1.95 0.00	23.58 1.42 0.00
GOWANUS_GT4_4 24133	22.70 1.21 0.00	22.80 1.16 0.00	18.96 0.96 0.00	19.41 0.94 0.00	18.37 1.03 0.00	18.56 1.12 0.00	30.82 2.17 0.00	341.05 24.03 -0.12	36.48 2.22 -5.13	71.26 1.65 -47.65	38.50 2.77 0.00	33.98 2.56 0.00	43.41 2.94 -1.06	31.26 2.13 0.00	29.89 2.21 0.00	29.34 2.26 -0.47	51.01 1.60 -29.61	39.54 2.35 -8.24	42.72 2.98 -1.22	48.19 3.54 0.00	33.29 2.42 -0.32	30.28 1.88 -4.13	27.02 1.95 0.00	23.58 1.42 0.00
GOWANUS_GT4_5 24134	22.70 1.21 0.00	22.80 1.16 0.00	18.96 0.96 0.00	19.41 0.94 0.00	18.37 1.03 0.00	18.56 1.12 0.00	30.82 2.17 0.00	341.05 24.03 -0.12	36.48 2.22 -5.13	71.26 1.65 -47.65	38.50 2.77 0.00	33.98 2.56 0.00	43.41 2.94 -1.06	31.26 2.13 0.00	29.89 2.21 0.00	29.34 2.26 -0.47	51.01 1.60 -29.61	39.54 2.35 -8.24	42.72 2.98 -1.22	48.19 3.54 0.00	33.29 2.42 -0.32	30.28 1.88 -4.13	27.02 1.95 0.00	23.58 1.42 0.00
GOWANUS_GT4_6 24135	22.70 1.21 0.00	22.80 1.16 0.00	18.96 0.96 0.00	19.41 0.94 0.00	18.37 1.03 0.00	18.56 1.12 0.00	30.82 2.17 0.00	341.05 24.03 -0.12	36.48 2.22 -5.13	71.26 1.65 -47.65	38.50 2.77 0.00	33.98 2.56 0.00	43.41 2.94 -1.06	31.26 2.13 0.00	29.89 2.21 0.00	29.34 2.26 -0.47	51.01 1.60 -29.61	39.54 2.35 -8.24	42.72 2.98 -1.22	48.19 3.54 0.00	33.29 2.42 -0.32	30.28 1.88 -4.13	27.02 1.95 0.00	23.58 1.42 0.00

GOWANUS_GT4_7 24136	22.70 1.21 0.00	22.80 1.16 0.00	18.96 0.96 0.00	19.41 0.94 0.00	18.37 1.03 0.00	18.56 1.12 0.00	30.82 2.17 0.00	341.05 24.03 -0.12	36.48 2.22 -5.13	71.26 1.65 -47.65	38.50 2.77 0.00	33.98 2.56 0.00	43.41 2.94 -1.06	31.26 2.13 0.00	29.89 2.21 0.00	29.34 2.26 -0.47	51.01 1.60 -29.61	39.54 2.35 -8.24	42.72 2.98 -1.22	48.19 3.54 0.00	33.29 2.42 -0.32	30.28 1.88 -4.13	27.02 1.95 0.00	23.58 1.42 0.00
GOWANUS_GT4_8 24137	22.70 1.21 0.00	22.80 1.16 0.00	18.96 0.96 0.00	19.41 0.94 0.00	18.37 1.03 0.00	18.56 1.12 0.00	30.82 2.17 0.00	341.05 24.03 -0.12	36.48 2.22 -5.13	71.26 1.65 -47.65	38.50 2.77 0.00	33.98 2.56 0.00	43.41 2.94 -1.06	31.26 2.13 0.00	29.89 2.21 0.00	29.34 2.26 -0.47	51.01 1.60 -29.61	39.54 2.35 -8.24	42.72 2.98 -1.22	48.19 3.54 0.00	33.29 2.42 -0.32	30.28 1.88 -4.13	27.02 1.95 0.00	23.58 1.42 0.00
GREENBSH_115KV_TB3 55895	21.70 0.21 0.00	21.82 0.18 0.00	18.15 0.16 0.00	18.60 0.12 0.00	17.61 0.26 0.00	17.72 0.28 0.00	29.27 0.61 0.00	326.06 9.05 -0.11	36.34 0.71 -6.51	40.08 0.52 -17.60	36.41 0.68 0.00	32.00 0.57 0.00	40.05 0.63 0.00	29.59 0.46 0.00	28.24 0.57 0.00	27.88 0.67 -0.59	57.90 0.54 -37.56	40.26 0.85 -10.46	41.17 1.11 -1.55	45.94 1.29 0.00	31.80 0.84 -0.41	30.11 0.60 -5.24	25.62 0.55 0.00	22.45 0.28 0.00
GREENDGE_115KV_TB5 80291	21.28 -0.21 0.00	21.51 -0.13 0.00	17.81 -0.19 0.00	18.38 -0.09 0.00	17.28 -0.07 0.00	17.41 -0.03 0.00	35.16 0.11 -6.38	323.68 3.79 -2.98	70.19 0.18 -40.88	45.25 -0.07 -23.36	39.00 -0.13 -3.40	33.35 -0.15 -2.08	43.78 0.13 -4.24	31.65 0.14 -2.38	28.41 -0.12 -0.86	26.41 -0.23 -0.02	21.08 -0.21 -1.50	29.07 -0.30 -0.42	38.44 -0.14 -0.06	44.64 0.00 0.00	30.43 -0.14 -0.02	24.36 -0.12 -0.21	25.00 -0.07 0.00	22.18 0.02 0.00
GREENIDGE___3 23582	21.28 -0.21 0.00	21.51 -0.13 0.00	17.81 -0.19 0.00	18.38 -0.09 0.00	17.28 -0.07 0.00	17.41 -0.03 0.00	35.16 0.11 -6.38	323.68 3.79 -2.98	70.19 0.18 -40.88	45.25 -0.07 -23.36	39.00 -0.13 -3.40	33.35 -0.15 -2.08	43.78 0.13 -4.24	31.65 0.14 -2.38	28.41 -0.12 -0.86	26.41 -0.23 -0.02	21.08 -0.21 -1.50	29.07 -0.30 -0.42	38.44 -0.14 -0.06	44.64 0.00 0.00	30.43 -0.14 -0.02	24.36 -0.12 -0.21	25.00 -0.07 0.00	22.18 0.02 0.00
GREENIDGE___4 23583	21.28 -0.21 0.00	21.51 -0.13 0.00	17.81 -0.19 0.00	18.38 -0.08 0.00	17.28 -0.06 0.00	17.40 -0.04 0.00	35.17 0.12 -6.38	323.68 3.79 -2.98	70.17 0.16 -40.88	45.30 -0.02 -23.36	39.01 -0.13 -3.40	33.35 -0.15 -2.08	43.81 0.16 -4.24	31.67 0.16 -2.38	28.43 -0.10 -0.86	26.41 -0.23 -0.02	21.07 -0.23 -1.50	29.07 -0.29 -0.42	38.44 -0.14 -0.06	44.64 0.00 0.00	30.43 -0.14 -0.02	24.35 -0.13 -0.21	24.99 -0.08 0.00	22.18 0.02 0.00
GREENLWN_69_KV_BK 3 55738	22.63 1.14 0.00	22.82 1.18 0.00	18.93 0.94 0.00	19.39 0.93 0.00	18.40 1.05 0.00	18.57 1.13 0.00	30.57 1.91 0.00	335.60 18.57 -0.12	36.21 1.95 -5.14	70.95 1.45 -47.54	37.54 1.81 0.00	33.43 2.00 0.00	41.72 2.30 0.00	31.08 1.95 0.00	30.01 2.33 0.00	29.42 2.34 -0.47	51.10 1.67 -29.63	39.40 2.21 -8.25	42.41 2.67 -1.22	47.65 3.01 0.00	33.09 2.21 -0.32	30.19 1.79 -4.13	27.09 2.02 0.00	23.65 1.49 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	22.70 1.21 0.00	22.80 1.16 0.00	18.96 0.96 0.00	19.41 0.94 0.00	18.37 1.03 0.00	18.56 1.12 0.00	30.82 2.17 0.00	341.05 24.03 -0.12	36.48 2.22 -5.13	71.26 1.65 -47.65	38.50 2.77 0.00	33.98 2.56 0.00	43.41 2.94 -1.06	31.26 2.13 0.00	29.89 2.21 0.00	29.34 2.26 -0.47	51.01 1.60 -29.61	39.54 2.35 -8.24	42.72 2.98 -1.22	48.19 3.54 0.00	33.29 2.42 -0.32	30.28 1.88 -4.13	27.02 1.95 0.00	23.58 1.42 0.00
GRISSOM___SOLAR 323813	22.63 1.14 0.00	22.76 1.12 0.00	18.89 0.89 0.00	19.39 0.92 0.00	18.22 0.87 0.00	18.47 1.03 0.00	30.71 2.05 0.00	339.34 22.32 -0.11	37.74 1.88 -6.73	39.63 1.09 -16.58	37.09 1.36 0.00	31.63 0.21 0.00	40.83 1.42 0.00	30.17 1.03 0.00	28.06 0.39 0.00	27.82 0.59 -0.61	59.60 0.97 -38.84	41.43 1.66 -10.82	42.61 2.49 -1.60	47.49 2.84 0.00	32.91 1.94 -0.42	31.37 1.68 -5.42	26.67 1.60 0.00	23.50 1.34 0.00
GROVEVILLE___HYD 323602	22.68 1.19 0.00	22.80 1.16 0.00	18.94 0.94 0.00	19.41 0.95 0.00	18.37 1.02 0.00	18.54 1.10 0.00	30.72 2.07 0.00	340.63 23.61 -0.12	36.48 2.18 -5.17	32.59 1.63 -8.99	38.24 2.51 0.00	33.68 2.25 0.00	42.10 2.69 0.00	31.08 1.95 0.00	29.65 1.97 0.00	29.10 2.02 -0.47	51.12 1.49 -29.84	39.53 2.27 -8.31	42.73 2.99 -1.23	48.16 3.52 0.00	33.22 2.35 -0.33	30.20 1.77 -4.16	26.87 1.80 0.00	23.48 1.32 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	21.43 -0.06 0.00	21.62 -0.03 0.00	17.93 -0.07 0.00	18.41 -0.05 0.00	17.29 -0.05 0.00	17.42 -0.02 0.00	36.43 0.12 -7.65	327.32 7.24 -3.17	77.32 0.40 -47.79	50.08 0.00 -28.11	39.78 -0.05 -4.10	33.92 -0.01 -2.50	44.60 0.08 -5.10	32.05 0.05 -2.87	28.58 -0.13 -1.03	26.36 -0.27 -0.01	20.38 -0.17 -0.75	28.94 -0.22 -0.21	38.21 -0.33 -0.03	44.31 -0.33 0.00	30.29 -0.27 -0.01	24.21 -0.16 -0.10	24.92 -0.15 0.00	22.20 0.04 0.00
HAMLTNNY_34_KV_TB 80303	21.34 -0.15 0.00	21.52 -0.12 0.00	17.85 -0.15 0.00	18.35 -0.11 0.00	17.24 -0.11 0.00	17.35 -0.08 0.00	38.11 0.06 -9.39	330.19 9.94 -3.34	87.82 0.54 -58.16	56.35 -0.06 -34.45	40.63 -0.11 -5.02	34.37 -0.12 -3.07	45.64 -0.02 -6.25	32.60 -0.05 -3.51	28.76 -0.18 -1.26	26.33 -0.30 -0.01	20.53 -0.09 -0.82	29.11 -0.06 -0.23	38.37 -0.18 -0.03	44.50 -0.15 0.00	30.41 -0.16 -0.01	24.24 -0.15 -0.11	24.95 -0.13 0.00	22.32 0.16 0.00
HAMPSHIRE___PAPER_HYD 323593	21.61 0.11 0.00	21.68 0.04 0.00	17.85 -0.15 0.00	18.26 -0.20 0.00	17.07 -0.27 0.00	17.17 -0.27 0.00	29.65 -0.40 -1.39	314.38 -3.32 -0.79	28.97 -0.15 0.00	21.88 -0.08 0.00	35.52 -0.20 0.00	31.13 -0.29 0.00	38.92 -0.49 0.00	28.66 -0.47 0.00	27.15 -0.53 0.00	26.16 -0.46 0.00	19.47 -0.33 0.00	28.75 -0.20 0.00	38.52 0.00 0.00	44.61 -0.03 0.00	30.38 -0.17 0.00	24.01 -0.26 0.00	24.64 -0.44 0.00	21.87 -0.29 0.00
HARDSCRABBLE_WT_PWR 323673	21.72 0.23 0.00	21.89 0.24 0.00	18.19 0.19 0.00	18.63 0.16 0.00	17.67 0.32 0.00	17.86 0.43 0.00	29.53 0.88 0.00	328.91 11.56 -0.45	30.14 1.02 0.00	22.55 0.59 0.00	36.14 0.42 0.00	31.62 0.19 0.00	39.79 0.37 0.00	29.55 0.42 0.00	28.10 0.42 0.00	27.08 0.46 0.00	20.31 0.52 0.00	29.88 0.93 0.00	40.00 1.49 0.00	46.36 1.72 0.00	31.68 1.13 0.00	25.17 0.90 0.00	25.80 0.73 0.00	22.55 0.39 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	22.57 1.08 0.00	22.68 1.04 0.00	18.85 0.85 0.00	19.32 0.85 0.00	18.27 0.92 0.00	18.42 0.98 0.00	30.51 1.86 0.00	338.15 21.12 -0.12	35.57 1.96 -4.49	-31.15 1.48 54.59	37.98 2.25 0.00	33.51 2.09 0.00	41.95 2.53 0.00	30.95 1.82 0.00	29.49 1.81 0.00	28.87 1.84 -0.41	47.08 1.36 -25.92	38.20 2.04 -7.22	42.23 2.64 -1.07	47.74 3.10 0.00	32.92 2.08 -0.28	29.51 1.62 -3.62	26.73 1.66 0.00	23.37 1.21 0.00

HARSNRAD_115KV_TB1 81005	20.30 -1.19 0.00	20.67 -0.97 0.00	17.14 -0.85 0.00	17.80 -0.67 0.00	16.70 -0.64 0.00	16.82 -0.62 0.00	32.08 -1.04 -4.47	304.72 -15.22 -3.03	56.49 -1.38 -28.75	37.52 -0.81 -16.37	36.85 -1.26 -2.38	31.79 -1.09 -1.46	41.28 -1.10 -2.97	30.03 -0.77 -1.67	27.17 -1.10 -0.60	25.25 -1.39 -0.02	19.84 -1.08 -1.13	27.64 -1.62 -0.32	36.55 -2.01 -0.05	42.70 -1.95 0.00	29.08 -1.49 -0.01	23.19 -1.24 -0.16	24.13 -0.94 0.00	21.39 -0.77 0.00
HARZA MOOSE__RIVER 24016	21.85 0.36 0.00	21.95 0.31 0.00	18.04 0.04 0.00	18.43 -0.04 0.00	17.30 -0.04 0.00	17.42 -0.02 0.00	30.45 0.15 -1.64	322.11 4.20 -1.00	38.85 0.55 -9.18	27.97 0.38 -5.63	36.93 0.38 -0.82	32.21 0.28 -0.50	40.62 0.19 -1.02	29.73 0.02 -0.57	27.71 -0.18 -0.21	26.45 -0.17 0.00	19.75 -0.05 0.00	29.17 0.22 0.00	39.09 0.58 0.00	45.38 0.74 0.00	30.87 0.32 0.00	24.46 0.19 0.00	25.10 0.03 0.00	22.23 0.07 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	21.23 -0.26 0.00	21.40 -0.24 0.00	17.75 -0.24 0.00	18.24 -0.23 0.00	17.13 -0.22 0.00	17.23 -0.21 0.00	34.09 -0.26 -5.69	319.36 -0.47 -2.92	65.26 -0.20 -36.34	42.63 -0.21 -20.88	38.39 -0.38 -3.04	32.95 -0.33 -1.86	42.90 -0.30 -3.79	31.05 -0.21 -2.13	28.07 -0.38 -0.76	26.14 -0.49 -0.01	20.15 -0.33 -0.68	28.68 -0.46 -0.19	37.95 -0.60 -0.03	44.01 -0.63 0.00	30.08 -0.48 -0.01	24.03 -0.34 -0.10	24.74 -0.33 0.00	21.93 -0.23 0.00
HELLGATE_13_KV_LD 55870	22.68 1.19 0.00	22.80 1.16 0.00	18.96 0.96 0.00	19.41 0.94 0.00	18.38 1.04 0.00	18.56 1.12 0.00	30.81 2.15 0.00	341.04 24.01 -0.12	36.50 2.25 -5.13	71.28 1.67 -47.65	38.48 2.75 0.00	33.94 2.52 0.00	43.37 2.90 -1.06	31.23 2.09 0.00	29.84 2.16 0.00	29.31 2.23 -0.47	50.99 1.58 -29.61	39.51 2.32 -8.24	42.67 2.94 -1.22	48.10 3.46 0.00	33.21 2.33 -0.32	30.20 1.80 -4.13	26.94 1.87 0.00	23.54 1.37 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	22.68 1.19 0.00	22.80 1.16 0.00	18.96 0.96 0.00	19.41 0.94 0.00	18.38 1.04 0.00	18.56 1.12 0.00	30.81 2.15 0.00	341.04 24.01 -0.12	36.50 2.25 -5.13	71.28 1.67 -47.65	38.48 2.75 0.00	33.94 2.52 0.00	43.37 2.90 -1.06	31.23 2.09 0.00	29.84 2.16 0.00	29.31 2.23 -0.47	50.99 1.58 -29.61	39.51 2.32 -8.24	42.67 2.94 -1.22	48.10 3.46 0.00	33.21 2.33 -0.32	30.20 1.80 -4.13	26.94 1.87 0.00	23.54 1.37 0.00
HEMPSTEAD____ 23647	22.64 1.15 0.00	22.77 1.13 0.00	18.91 0.91 0.00	19.37 0.90 0.00	18.36 1.01 0.00	18.55 1.12 0.00	30.62 1.96 0.00	337.16 20.13 -0.12	36.36 2.11 -5.14	71.05 1.54 -47.54	38.05 2.32 0.00	33.72 2.30 0.00	42.08 2.67 0.00	31.20 2.07 0.00	29.97 2.29 0.00	29.39 2.31 -0.47	51.10 1.68 -29.63	39.52 2.32 -8.25	42.60 2.86 -1.22	47.90 3.26 0.00	33.20 2.33 -0.32	30.19 1.79 -4.13	26.97 1.90 0.00	23.57 1.41 -0.01
HEWLETT__69_KV_BK3 55828	22.84 1.35 0.00	22.97 1.33 0.00	19.07 1.08 0.00	19.54 1.07 0.00	18.51 1.17 0.00	18.71 1.28 0.00	30.78 2.12 0.00	338.02 21.00 -0.12	36.47 2.21 -5.14	71.17 1.67 -47.54	38.15 2.42 0.00	33.81 2.39 0.00	42.19 2.77 0.00	31.37 2.23 0.00	30.13 2.43 -0.02	29.49 2.41 -0.47	51.16 1.73 -29.63	39.66 2.47 -8.25	42.76 3.03 -1.22	48.08 3.44 0.00	33.37 2.49 -0.32	30.44 2.03 -4.14	27.20 2.13 0.00	23.79 1.61 -0.02
HICKLING__1 23621	21.26 -0.23 0.00	21.50 -0.14 0.00	17.81 -0.19 0.00	18.40 -0.07 0.00	17.30 -0.05 0.00	17.42 -0.02 0.00	35.75 0.25 -6.84	325.66 5.88 -2.88	73.76 0.38 -44.26	47.06 0.07 -25.02	39.63 0.26 -3.65	33.71 0.06 -2.23	44.41 0.46 -4.54	32.04 0.36 -2.55	28.59 0.00 -0.92	26.55 -0.10 -0.03	21.47 -0.21 -1.89	29.29 -0.18 -0.52	38.76 0.17 -0.08	45.02 0.37 0.00	30.58 0.01 -0.02	24.34 -0.19 -0.26	24.98 -0.09 0.00	22.13 -0.03 0.00
HICKLING__2 23622	21.26 -0.23 0.00	21.50 -0.14 0.00	17.81 -0.19 0.00	18.40 -0.07 0.00	17.30 -0.05 0.00	17.42 -0.02 0.00	35.75 0.25 -6.84	325.66 5.88 -2.88	73.76 0.38 -44.26	47.06 0.07 -25.02	39.63 0.26 -3.65	33.71 0.06 -2.23	44.41 0.46 -4.54	32.04 0.36 -2.55	28.59 0.00 -0.92	26.55 -0.10 -0.03	21.47 -0.21 -1.89	29.29 -0.18 -0.52	38.76 0.17 -0.08	45.02 0.37 0.00	30.58 0.01 -0.02	24.34 -0.19 -0.26	24.98 -0.09 0.00	22.13 -0.03 0.00
HIGH FALLS__HY 23754	22.79 1.30 0.00	22.91 1.27 0.00	19.02 1.03 0.00	19.51 1.04 0.00	18.44 1.10 0.00	18.61 1.17 0.00	30.85 2.19 0.00	342.14 25.11 -0.12	36.52 2.29 -5.11	23.62 1.65 0.00	38.08 2.35 0.00	33.54 2.12 0.00	42.02 2.61 0.00	31.03 1.90 0.00	29.52 1.85 0.00	28.95 1.87 -0.46	50.68 1.42 -29.47	39.27 2.12 -8.20	42.59 2.86 -1.21	48.02 3.38 0.00	33.17 2.30 -0.32	30.23 1.85 -4.11	26.97 1.89 0.00	23.58 1.42 0.00
HILLBURN__GT 23639	22.53 1.05 0.00	22.65 1.01 0.00	18.82 0.82 0.00	19.30 0.83 0.00	18.24 0.90 0.00	18.40 0.96 0.00	30.48 1.83 0.00	337.07 20.05 -0.12	35.63 1.90 -4.61	-35.95 1.45 59.36	37.88 2.15 0.00	33.52 2.10 0.00	41.85 2.44 0.00	30.89 1.76 0.00	29.46 1.78 0.00	28.84 1.81 -0.42	47.69 1.31 -26.58	38.29 1.95 -7.40	42.11 2.50 -1.10	47.56 2.92 0.00	32.82 1.98 -0.29	29.55 1.57 -3.71	26.71 1.64 0.00	23.33 1.17 0.00
HILLSIDE_115KV_TB1 80332	21.14 -0.36 0.00	21.35 -0.29 0.00	17.66 -0.34 0.00	18.25 -0.21 0.00	17.13 -0.21 0.00	17.25 -0.19 0.00	35.62 -0.01 -6.97	323.52 3.76 -2.86	74.40 0.16 -45.12	47.30 -0.16 -25.49	39.29 -0.15 -3.72	33.45 -0.24 -2.27	44.09 0.05 -4.63	31.75 0.03 -2.60	28.25 -0.36 -0.93	26.23 -0.41 -0.03	21.32 -0.43 -1.95	28.98 -0.51 -0.54	38.19 -0.41 -0.08	44.32 -0.33 0.00	30.16 -0.41 -0.02	24.08 -0.46 -0.27	24.74 -0.34 0.00	21.88 -0.29 0.00
HISHELDN_WT_PWR 323625	20.48 -1.01 0.00	20.87 -0.77 0.00	17.29 -0.71 0.00	17.93 -0.54 0.00	16.89 -0.46 0.00	16.97 -0.46 0.00	33.03 -0.73 -5.10	310.09 -9.80 -2.99	61.15 -0.88 -32.91	40.19 -0.46 -18.69	37.60 -0.85 -2.72	32.24 -0.84 -1.67	42.21 -0.60 -3.39	30.62 -0.42 -1.90	27.45 -0.91 -0.69	25.48 -1.16 -0.02	20.15 -0.99 -1.34	27.97 -1.35 -0.37	37.28 -1.29 -0.05	43.47 -1.17 0.00	29.46 -1.11 -0.01	23.44 -1.02 -0.19	24.27 -0.80 0.00	21.64 -0.52 0.00
HOLTSVILLE_IC_1 23690	22.90 1.41 0.00	23.06 1.42 0.00	19.15 1.15 0.00	19.62 1.16 0.00	18.63 1.28 0.00	18.84 1.40 0.00	31.04 2.38 0.00	340.17 23.14 -0.12	36.68 2.42 -5.14	71.26 1.76 -47.54	37.73 2.01 0.00	33.78 2.36 0.00	42.27 2.85 0.00	31.39 2.26 0.00	30.46 2.79 0.00	29.91 2.82 -0.47	51.55 2.13 -29.63	39.98 2.78 -8.25	43.09 3.36 -1.22	48.32 3.67 0.00	33.59 2.72 -0.32	30.50 2.10 -4.13	27.35 2.28 0.00	23.85 1.69 0.00
HOLTSVILLE_IC_10 23699	23.00 1.51 0.00	23.16 1.52 0.00	19.23 1.23 0.00	19.70 1.23 0.00	18.71 1.36 0.00	18.92 1.49 0.00	31.20 2.54 0.00	342.06 25.03 -0.12	36.85 2.59 -5.14	71.41 1.91 -47.54	37.67 1.94 0.00	33.94 2.52 0.00	42.48 3.06 0.00	31.54 2.41 0.00	30.66 2.98 0.00	30.10 3.02 -0.47	51.71 2.29 -29.63	40.22 3.02 -8.25	43.40 3.66 -1.22	48.65 4.01 0.00	33.80 2.92 -0.32	30.63 2.22 -4.13	27.47 2.40 0.00	23.95 1.79 0.00

HOLTSVILLE_IC_2 23691	22.90 1.41 0.00	23.06 1.42 0.00	19.15 1.15 0.00	19.62 1.16 0.00	18.63 1.28 0.00	18.84 1.40 0.00	31.04 2.38 0.00	340.17 23.14 -0.12	36.68 2.42 -5.14	71.26 1.76 -47.54	37.73 2.01 0.00	33.78 2.36 0.00	42.27 2.85 0.00	31.39 2.26 0.00	30.46 2.79 0.00	29.91 2.82 -0.47	51.55 2.13 -29.63	39.98 2.78 -8.25	43.09 3.36 -1.22	48.32 3.67 0.00	33.59 2.72 -0.32	30.50 2.10 -4.13	27.35 2.28 0.00	23.85 1.69 0.00
HOLTSVILLE_IC_3 23692	22.90 1.41 0.00	23.06 1.42 0.00	19.15 1.15 0.00	19.62 1.16 0.00	18.63 1.28 0.00	18.84 1.40 0.00	31.04 2.38 0.00	340.17 23.14 -0.12	36.68 2.42 -5.14	71.26 1.76 -47.54	37.73 2.01 0.00	33.78 2.36 0.00	42.27 2.85 0.00	31.39 2.26 0.00	30.46 2.79 0.00	29.91 2.82 -0.47	51.55 2.13 -29.63	39.98 2.78 -8.25	43.09 3.36 -1.22	48.32 3.67 0.00	33.59 2.72 -0.32	30.50 2.10 -4.13	27.35 2.28 0.00	23.85 1.69 0.00
HOLTSVILLE_IC_4 23693	22.90 1.41 0.00	23.06 1.42 0.00	19.15 1.15 0.00	19.62 1.16 0.00	18.63 1.28 0.00	18.84 1.40 0.00	31.04 2.38 0.00	340.17 23.14 -0.12	36.68 2.42 -5.14	71.26 1.76 -47.54	37.73 2.01 0.00	33.78 2.36 0.00	42.27 2.85 0.00	31.39 2.26 0.00	30.46 2.79 0.00	29.91 2.82 -0.47	51.55 2.13 -29.63	39.98 2.78 -8.25	43.09 3.36 -1.22	48.32 3.67 0.00	33.59 2.72 -0.32	30.50 2.10 -4.13	27.35 2.28 0.00	23.85 1.69 0.00
HOLTSVILLE_IC_5 23694	22.90 1.41 0.00	23.06 1.42 0.00	19.15 1.15 0.00	19.62 1.16 0.00	18.63 1.28 0.00	18.84 1.40 0.00	31.04 2.38 0.00	340.17 23.14 -0.12	36.68 2.42 -5.14	71.26 1.76 -47.54	37.73 2.01 0.00	33.78 2.36 0.00	42.27 2.85 0.00	31.39 2.26 0.00	30.46 2.79 0.00	29.91 2.82 -0.47	51.55 2.13 -29.63	39.98 2.78 -8.25	43.09 3.36 -1.22	48.32 3.67 0.00	33.59 2.72 -0.32	30.50 2.10 -4.13	27.35 2.28 0.00	23.85 1.69 0.00
HOLTSVILLE_IC_6 23695	23.00 1.51 0.00	23.16 1.52 0.00	19.23 1.23 0.00	19.70 1.23 0.00	18.71 1.36 0.00	18.92 1.49 0.00	31.20 2.54 0.00	342.06 25.03 -0.12	36.85 2.59 -5.14	71.41 1.91 -47.54	37.67 1.94 0.00	33.94 2.52 0.00	42.48 3.06 0.00	31.54 2.41 0.00	30.66 2.98 0.00	30.10 3.02 -0.47	51.71 2.29 -29.63	40.22 3.02 -8.25	43.40 3.66 -1.22	48.65 4.01 0.00	33.80 2.92 -0.32	30.63 2.22 -4.13	27.47 2.40 0.00	23.95 1.79 0.00
HOLTSVILLE_IC_7 23696	23.00 1.51 0.00	23.16 1.52 0.00	19.23 1.23 0.00	19.70 1.23 0.00	18.71 1.36 0.00	18.92 1.49 0.00	31.20 2.54 0.00	342.06 25.03 -0.12	36.85 2.59 -5.14	71.41 1.91 -47.54	37.67 1.94 0.00	33.94 2.52 0.00	42.48 3.06 0.00	31.54 2.41 0.00	30.66 2.98 0.00	30.10 3.02 -0.47	51.71 2.29 -29.63	40.22 3.02 -8.25	43.40 3.66 -1.22	48.65 4.01 0.00	33.80 2.92 -0.32	30.63 2.22 -4.13	27.47 2.40 0.00	23.95 1.79 0.00
HOLTSVILLE_IC_8 23697	23.00 1.51 0.00	23.16 1.52 0.00	19.23 1.23 0.00	19.70 1.23 0.00	18.71 1.36 0.00	18.92 1.49 0.00	31.20 2.54 0.00	342.06 25.03 -0.12	36.85 2.59 -5.14	71.41 1.91 -47.54	37.67 1.94 0.00	33.94 2.52 0.00	42.48 3.06 0.00	31.54 2.41 0.00	30.66 2.98 0.00	30.10 3.02 -0.47	51.71 2.29 -29.63	40.22 3.02 -8.25	43.40 3.66 -1.22	48.65 4.01 0.00	33.80 2.92 -0.32	30.63 2.22 -4.13	27.47 2.40 0.00	23.95 1.79 0.00
HOLTSVILLE_IC_9 23698	23.00 1.51 0.00	23.16 1.52 0.00	19.23 1.23 0.00	19.70 1.23 0.00	18.71 1.36 0.00	18.92 1.49 0.00	31.20 2.54 0.00	342.06 25.03 -0.12	36.85 2.59 -5.14	71.41 1.91 -47.54	37.67 1.94 0.00	33.94 2.52 0.00	42.48 3.06 0.00	31.54 2.41 0.00	30.66 2.98 0.00	30.10 3.02 -0.47	51.71 2.29 -29.63	40.22 3.02 -8.25	43.40 3.66 -1.22	48.65 4.01 0.00	33.80 2.92 -0.32	30.63 2.22 -4.13	27.47 2.40 0.00	23.95 1.79 0.00
HOMER_HL_115KV_TB2 355744	21.40 -0.08 0.00	21.72 0.08 0.00	17.97 -0.03 0.00	18.66 0.19 0.00	17.47 0.12 0.00	17.56 0.12 0.00	34.33 0.49 -5.19	327.60 7.72 -2.98	63.11 0.53 -33.45	41.45 0.50 -18.98	39.19 0.70 -2.77	33.70 0.59 -1.69	43.96 1.10 -3.45	31.76 0.69 -1.94	28.59 0.22 -0.70	26.59 -0.05 -0.02	21.12 -0.05 -1.37	29.33 0.00 -0.38	38.84 0.26 -0.06	45.29 0.65 0.00	30.70 0.13 -0.02	24.45 -0.02 -0.19	25.36 0.29 0.00	22.41 0.24 0.00
HOWARD_WT_PWR 323690	20.68 -0.81 0.00	21.24 -0.40 0.00	17.48 -0.52 0.00	18.10 -0.37 0.00	17.16 -0.19 0.00	17.03 -0.40 0.00	34.08 -0.61 -6.04	315.66 -4.19 -2.94	67.61 -0.41 -38.90	43.77 -0.27 -22.08	38.45 -0.49 -3.22	32.69 -0.70 -1.97	43.36 -0.06 -4.01	31.47 0.08 -2.25	28.10 -0.39 -0.81	26.01 -0.64 -0.03	20.75 -0.63 -1.58	28.81 -0.58 -0.44	38.68 0.09 -0.07	44.94 0.29 0.00	30.30 -0.27 -0.02	24.05 -0.45 -0.22	24.53 -0.54 0.00	22.12 -0.04 0.00
HQ_GEN_CEDARS 23644	21.61 0.12 0.00	21.72 0.08 0.00	18.09 0.09 0.00	18.59 0.12 0.00	17.33 -0.02 0.00	17.38 -0.05 0.00	28.43 -0.23 0.00	313.68 -3.48 -0.25	28.83 -0.30 0.00	21.74 -0.22 0.00	35.46 -0.27 0.00	31.15 -0.27 0.00	39.10 -0.31 0.00	28.93 -0.20 0.00	27.54 -0.14 0.00	26.49 -0.12 0.00	19.68 -0.12 0.00	28.84 -0.11 0.00	38.38 -0.13 0.00	44.37 -0.27 0.00	30.40 -0.15 0.00	24.16 -0.11 0.00	24.94 -0.14 0.00	22.11 -0.05 0.00
HQ_GEN_CEDARS_PROXY 323590	21.61 0.12 0.00	21.72 0.08 0.00	18.09 0.09 0.00	18.59 0.12 0.00	17.33 -0.02 0.00	17.38 -0.05 0.00	28.43 -0.23 0.00	313.69 -3.47 -0.25	28.83 -0.30 0.00	21.74 -0.22 0.00	35.46 -0.27 0.00	31.16 -0.27 0.00	39.10 -0.31 0.00	28.93 -0.20 0.00	27.54 -0.14 0.00	26.49 -0.12 0.00	19.68 -0.11 0.00	28.84 -0.11 0.00	38.39 -0.13 0.00	46.10 -0.27 -1.72	30.40 -0.15 0.00	24.16 -0.11 0.00	24.94 -0.13 0.00	22.11 -0.05 0.00
HQ_GEN_IMPORT 323601	21.46 -0.03 0.00	21.60 -0.04 0.00	18.00 0.00 0.00	18.48 0.02 0.00	17.27 -0.07 0.00	17.35 -0.09 0.00	28.39 -0.26 0.00	313.01 -3.90 0.00	28.77 -0.35 0.00	22.55 -0.25 -0.83	35.40 -0.31 0.02	31.15 -0.27 0.00	39.10 -0.32 0.00	29.22 -0.21 -0.30	27.90 -0.17 -0.39	27.38 -0.16 -0.92	19.63 -0.16 0.00	28.68 -0.27 0.00	38.14 -0.38 0.00	44.15 -0.49 0.00	30.24 -0.31 0.00	24.04 -0.23 0.00	24.84 -0.23 0.00	22.03 -0.13 0.00
HQ_GEN_WHEEL 23651	21.46 -0.03 0.00	21.60 -0.04 0.00	18.00 0.00 0.00	18.48 0.02 0.00	17.27 -0.07 0.00	17.35 -0.09 0.00	28.39 -0.26 0.00	313.01 -3.90 0.00	28.77 -0.35 0.00	22.55 -0.25 -0.83	35.40 -0.31 0.02	31.15 -0.27 0.00	39.10 -0.32 0.00	29.22 -0.21 -0.30	27.90 -0.17 -0.39	27.38 -0.16 -0.92	19.63 -0.16 0.00	28.68 -0.27 0.00	38.14 -0.38 0.00	44.15 -0.49 0.00	30.24 -0.31 0.00	24.04 -0.23 0.00	24.84 -0.23 0.00	22.03 -0.13 0.00
HUDSON_AVE_GT_3 23810	22.69 1.20 0.00	22.81 1.17 0.00	18.96 0.97 0.00	19.42 0.96 0.00	18.37 1.03 0.00	18.56 1.12 0.00	30.82 2.17 0.00	341.10 24.08 -0.12	36.49 2.24 -5.13	71.32 1.71 -47.65	38.49 2.76 0.00	33.94 2.51 0.00	42.32 2.90 0.00	31.23 2.09 0.00	29.83 2.15 0.00	29.31 2.23 -0.47	50.99 1.58 -29.61	39.49 2.30 -8.24	42.66 2.93 -1.22	48.13 3.48 0.00	33.16 2.29 -0.32	30.17 1.77 -4.13	26.94 1.87 0.00	23.52 1.36 0.00

HUDSON AVE_GT_4 23540	22.69 1.20 0.00	22.81 1.17 0.00	18.96 0.97 0.00	19.42 0.96 0.00	18.37 1.03 0.00	18.56 1.12 0.00	30.82 2.17 0.00	341.10 24.08 -0.12	36.49 2.24 -5.13	71.32 1.71 -47.65	38.49 2.76 0.00	33.94 2.51 0.00	42.32 2.90 0.00	31.23 2.09 0.00	29.83 2.15 0.00	29.31 2.23 -0.47	50.99 1.58 -29.61	39.49 2.30 -8.24	42.66 2.93 -1.22	48.13 3.48 0.00	33.16 2.29 -0.32	30.17 1.77 -4.13	26.94 1.87 0.00	23.52 1.36 0.00
HUDSON AVE_GT_5 23657	22.69 1.20 0.00	22.81 1.17 0.00	18.96 0.97 0.00	19.42 0.96 0.00	18.37 1.03 0.00	18.56 1.12 0.00	30.82 2.17 0.00	341.10 24.08 -0.12	36.49 2.24 -5.13	71.32 1.71 -47.65	38.49 2.76 0.00	33.94 2.51 0.00	42.32 2.90 0.00	31.23 2.09 0.00	29.83 2.15 0.00	29.31 2.23 -0.47	50.99 1.58 -29.61	39.49 2.30 -8.24	42.66 2.93 -1.22	48.13 3.48 0.00	33.16 2.29 -0.32	30.17 1.77 -4.13	26.94 1.87 0.00	23.52 1.36 0.00
HUDSON_AVE_10 24168	22.71 1.22 0.00	22.83 1.19 0.00	18.98 0.98 0.00	19.44 0.97 0.00	18.39 1.05 0.00	18.58 1.14 0.00	30.86 2.20 0.00	341.12 24.10 -0.12	36.50 2.25 -5.13	71.31 1.69 -47.65	38.51 2.79 0.00	33.95 2.53 0.00	42.31 2.90 0.00	31.21 2.08 0.00	29.81 2.14 0.00	29.29 2.21 -0.47	50.97 1.57 -29.61	39.48 2.29 -8.24	42.63 2.89 -1.22	48.10 3.46 0.00	33.14 2.27 -0.32	30.17 1.76 -4.13	26.94 1.87 0.00	23.52 1.36 0.00
HUDSON___115KV_TB 4 355613	22.07 0.58 0.00	22.19 0.55 0.00	18.46 0.46 0.00	18.91 0.44 0.00	17.91 0.56 0.00	18.05 0.61 0.00	29.88 1.22 0.00	334.57 17.55 -0.11	37.04 1.63 -6.29	38.38 1.12 -15.29	37.34 1.61 0.00	32.64 1.22 0.00	40.91 1.50 0.00	30.19 1.06 0.00	28.84 1.16 0.00	28.48 1.29 -0.57	57.08 1.00 -36.29	40.83 1.77 -10.11	42.47 2.46 -1.50	47.62 2.98 0.00	32.90 1.95 -0.39	30.77 1.43 -5.06	26.40 1.33 0.00	23.10 0.94 0.00
HUNTER MOUNT___DRP 323613	22.15 0.66 0.00	22.28 0.64 0.00	18.53 0.53 0.00	18.98 0.52 0.00	17.98 0.63 0.00	18.13 0.69 0.00	30.03 1.37 0.00	335.37 18.35 -0.11	36.95 1.72 -6.11	36.56 1.21 -13.39	37.48 1.76 0.00	32.67 1.25 0.00	41.06 1.64 0.00	30.26 1.13 0.00	28.92 1.25 0.00	28.51 1.34 -0.56	56.09 1.07 -35.23	40.71 1.95 -9.81	42.72 2.75 -1.45	47.97 3.33 0.00	33.12 2.18 -0.38	30.75 1.56 -4.92	26.51 1.43 0.00	23.18 1.02 0.00
HUNTINGTON_RES_REC 323705	22.59 1.10 0.00	22.77 1.13 0.00	18.89 0.90 0.00	19.35 0.88 0.00	18.37 1.02 0.00	18.54 1.10 0.00	30.50 1.85 0.00	334.56 17.54 -0.12	36.16 1.90 -5.14	70.83 1.33 -47.54	37.39 1.67 0.00	33.31 1.89 0.00	41.59 2.18 0.00	30.96 1.83 0.00	29.94 2.27 0.00	29.38 2.29 -0.47	51.08 1.66 -29.63	39.35 2.16 -8.25	42.33 2.59 -1.22	47.81 3.17 0.00	33.43 2.56 -0.32	30.36 1.96 -4.13	27.25 2.18 0.00	23.76 1.60 0.00
HUNTLEY___63 23557	20.48 -1.01 0.00	20.85 -0.79 0.00	17.30 -0.70 0.00	17.97 -0.50 0.00	16.85 -0.49 0.00	16.97 -0.46 0.00	32.46 -0.77 -4.57	307.34 -12.59 -3.02	57.52 -1.17 -29.56	38.06 -0.64 -16.75	37.19 -0.98 -2.44	32.10 -0.81 -1.49	41.67 -0.78 -3.04	30.34 -0.50 -1.71	27.41 -0.88 -0.61	25.44 -1.20 -0.02	20.03 -0.94 -1.17	27.85 -1.42 -0.33	36.87 -1.70 -0.05	43.07 -1.57 0.00	29.30 -1.26 -0.01	23.37 -1.06 -0.16	24.31 -0.77 0.00	21.58 -0.58 0.00
HUNTLEY___64 23558	20.48 -1.01 0.00	20.85 -0.79 0.00	17.30 -0.70 0.00	17.97 -0.50 0.00	16.85 -0.49 0.00	16.97 -0.46 0.00	32.46 -0.77 -4.57	307.34 -12.59 -3.02	57.52 -1.17 -29.56	38.06 -0.64 -16.75	37.19 -0.98 -2.44	32.10 -0.81 -1.49	41.67 -0.78 -3.04	30.34 -0.50 -1.71	27.41 -0.88 -0.61	25.44 -1.20 -0.02	20.03 -0.94 -1.17	27.85 -1.42 -0.33	36.87 -1.70 -0.05	43.07 -1.57 0.00	29.30 -1.26 -0.01	23.37 -1.06 -0.16	24.31 -0.77 0.00	21.58 -0.58 0.00
HUNTLEY___65 23559	20.48 -1.01 0.00	20.85 -0.79 0.00	17.30 -0.70 0.00	17.97 -0.50 0.00	16.85 -0.49 0.00	16.97 -0.46 0.00	32.46 -0.77 -4.57	307.34 -12.59 -3.02	57.52 -1.17 -29.56	38.06 -0.64 -16.75	37.19 -0.98 -2.44	32.10 -0.81 -1.49	41.67 -0.78 -3.04	30.34 -0.50 -1.71	27.41 -0.88 -0.61	25.44 -1.20 -0.02	20.03 -0.94 -1.17	27.85 -1.42 -0.33	36.87 -1.70 -0.05	43.07 -1.57 0.00	29.30 -1.26 -0.01	23.37 -1.06 -0.16	24.31 -0.77 0.00	21.58 -0.58 0.00
HUNTLEY___66 23560	20.48 -1.01 0.00	20.85 -0.79 0.00	17.30 -0.70 0.00	17.97 -0.50 0.00	16.85 -0.49 0.00	16.97 -0.46 0.00	32.46 -0.77 -4.57	307.34 -12.59 -3.02	57.52 -1.17 -29.56	38.06 -0.64 -16.75	37.19 -0.98 -2.44	32.10 -0.81 -1.49	41.67 -0.78 -3.04	30.34 -0.50 -1.71	27.41 -0.88 -0.61	25.44 -1.20 -0.02	20.03 -0.94 -1.17	27.85 -1.42 -0.33	36.87 -1.70 -0.05	43.07 -1.57 0.00	29.30 -1.26 -0.01	23.37 -1.06 -0.16	24.31 -0.77 0.00	21.58 -0.58 0.00
HUNTLEY___67 23561	20.37 -1.12 0.00	20.73 -0.91 0.00	17.19 -0.81 0.00	17.85 -0.61 0.00	16.75 -0.60 0.00	16.86 -0.58 0.00	32.35 -0.95 -4.64	306.33 -13.59 -3.02	57.76 -1.24 -29.87	38.23 -0.73 -16.99	37.08 -1.12 -2.48	31.95 -0.99 -1.51	41.58 -0.92 -3.08	30.20 -0.66 -1.73	27.27 -1.03 -0.62	25.34 -1.30 -0.02	19.98 -1.02 -1.20	27.75 -1.53 -0.34	36.72 -1.85 -0.05	42.86 -1.78 0.00	29.17 -1.39 -0.01	23.26 -1.18 -0.17	24.18 -0.89 0.00	21.44 -0.72 0.00
HUNTLEY___68 23562	20.37 -1.12 0.00	20.73 -0.91 0.00	17.19 -0.81 0.00	17.85 -0.61 0.00	16.75 -0.60 0.00	16.86 -0.58 0.00	32.35 -0.95 -4.64	306.33 -13.59 -3.02	57.76 -1.24 -29.87	38.23 -0.73 -16.99	37.08 -1.12 -2.48	31.95 -0.99 -1.51	41.58 -0.92 -3.08	30.20 -0.66 -1.73	27.27 -1.03 -0.62	25.34 -1.30 -0.02	19.98 -1.02 -1.20	27.75 -1.53 -0.34	36.72 -1.85 -0.05	42.86 -1.78 0.00	29.17 -1.39 -0.01	23.26 -1.18 -0.17	24.18 -0.89 0.00	21.44 -0.72 0.00
HYLAND___LFGE 323620	21.61 0.12 0.00	21.93 0.29 0.00	18.14 0.15 0.00	18.75 0.28 0.00	17.68 0.33 0.00	17.81 0.37 0.00	34.65 0.88 -5.11	331.23 11.32 -3.01	62.83 0.88 -32.83	41.32 0.66 -18.70	39.65 1.20 -2.72	33.72 0.63 -1.67	43.91 1.10 -3.39	31.88 0.84 -1.91	28.85 0.49 -0.69	26.87 0.23 -0.02	21.28 0.20 -1.28	29.89 0.59 -0.36	39.97 1.40 -0.05	46.64 2.00 0.00	31.61 1.05 -0.01	25.06 0.61 -0.18	25.70 0.63 0.00	22.84 0.68 0.00
INDECK___CORINTH 23802	22.46 0.97 0.00	22.55 0.91 0.00	18.77 0.77 0.00	19.23 0.76 0.00	18.18 0.84 0.00	18.39 0.96 0.00	30.36 1.70 0.00	339.31 22.29 -0.11	37.74 1.92 -6.70	40.17 1.33 -16.88	37.73 2.00 0.00	33.02 1.59 0.00	41.53 2.12 0.00	30.67 1.54 0.00	29.30 1.63 0.00	28.93 1.70 -0.61	59.82 1.37 -38.65	41.87 2.16 -10.76	43.09 2.98 -1.59	48.08 3.43 0.00	33.20 2.23 -0.42	31.29 1.62 -5.39	26.55 1.48 0.00	23.12 0.96 0.00
INDECK___ILION 23567	21.65 0.15 0.00	21.80 0.16 0.00	18.11 0.12 0.00	18.57 0.10 0.00	17.53 0.18 0.00	17.68 0.24 0.00	29.17 0.51 0.00	324.15 6.79 -0.45	29.74 0.62 0.00	22.33 0.36 0.00	36.06 0.33 0.00	31.63 0.21 0.00	39.73 0.31 0.00	29.41 0.28 0.00	27.92 0.25 0.00	26.90 0.28 0.00	20.12 0.33 0.00	29.51 0.57 0.00	39.40 0.89 0.00	45.67 1.02 0.00	31.22 0.67 0.00	24.82 0.55 0.00	25.55 0.47 0.00	22.44 0.28 0.00



INDECK___OLEAN 23982	21.40 -0.09 0.00	21.72 0.08 0.00	17.97 -0.03 0.00	18.66 0.18 0.00	17.47 0.12 0.00	17.56 0.12 0.00	34.34 0.50 -5.19	327.66 7.77 -2.98	63.08 0.50 -33.45	41.52 0.58 -18.98	39.19 0.70 -2.77	33.70 0.59 -1.69	44.00 1.14 -3.45	31.80 0.73 -1.94	28.61 0.24 -0.70	26.60 -0.04 -0.02	21.11 -0.06 -1.37	29.33 0.00 -0.38	38.82 0.25 -0.06	45.29 0.65 0.00	30.70 0.13 -0.02	24.43 -0.03 -0.19	25.33 0.26 0.00	22.41 0.24 0.00
INDECK___OSWEGO 23783	21.67 0.18 0.00	21.81 0.17 0.00	18.03 0.04 0.00	18.51 0.04 0.00	17.39 0.04 0.00	17.52 0.08 0.00	34.22 0.31 -5.26	327.22 7.43 -2.88	63.27 0.55 -33.60	41.85 0.31 -19.58	38.94 0.36 -2.85	33.50 0.33 -1.74	43.43 0.46 -3.55	31.44 0.31 -2.00	28.45 0.06 -0.72	26.57 -0.06 -0.01	19.20 -0.59 0.00	27.99 -0.95 0.00	37.41 -1.10 0.00	43.43 -1.21 0.00	29.70 -0.86 0.00	23.65 -0.62 0.00	24.43 -0.64 0.00	21.68 -0.48 0.00
INDECK___YERKES 23781	20.50 -0.99 0.00	20.88 -0.76 0.00	17.32 -0.68 0.00	17.99 -0.48 0.00	16.87 -0.48 0.00	17.00 -0.44 0.00	32.50 -0.73 -4.57	307.73 -12.19 -3.02	57.51 -1.17 -29.56	38.18 -0.53 -16.75	37.22 -0.95 -2.44	32.14 -0.77 -1.49	41.77 -0.68 -3.04	30.42 -0.42 -1.71	27.46 -0.83 -0.61	25.47 -1.17 -0.02	20.04 -0.93 -1.17	27.89 -1.38 -0.33	36.90 -1.67 -0.05	43.12 -1.52 0.00	29.34 -1.23 -0.01	23.39 -1.05 -0.16	24.31 -0.76 0.00	21.60 -0.56 0.00
INDIAN POINT_GT_1 24139	22.52 1.03 0.00	22.63 0.99 0.00	18.81 0.81 0.00	19.27 0.80 0.00	18.23 0.89 0.00	18.39 0.96 0.00	30.48 1.82 0.00	337.51 20.49 -0.12	36.04 1.91 -5.00	74.47 1.46 -51.05	38.00 2.27 0.00	33.50 2.08 0.00	41.83 2.42 0.00	30.89 1.76 0.00	29.50 1.82 0.00	28.95 1.88 -0.45	50.01 1.36 -28.86	39.01 2.03 -8.04	42.30 2.59 -1.19	47.69 3.05 0.00	32.90 2.04 -0.31	29.84 1.54 -4.02	26.67 1.60 0.00	23.31 1.15 0.00
INDIAN POINT_GT_2 23659	22.52 1.03 0.00	22.63 0.99 0.00	18.81 0.81 0.00	19.27 0.80 0.00	18.23 0.89 0.00	18.39 0.96 0.00	30.48 1.82 0.00	337.51 20.49 -0.12	36.04 1.91 -5.00	74.47 1.46 -51.05	38.00 2.27 0.00	33.50 2.08 0.00	41.83 2.42 0.00	30.89 1.76 0.00	29.50 1.82 0.00	28.95 1.88 -0.45	50.01 1.36 -28.86	39.01 2.03 -8.04	42.30 2.59 -1.19	47.69 3.05 0.00	32.90 2.04 -0.31	29.84 1.54 -4.02	26.67 1.60 0.00	23.31 1.15 0.00
INDIAN POINT_GT_3 24019	22.52 1.03 0.00	22.63 0.99 0.00	18.81 0.81 0.00	19.27 0.80 0.00	18.23 0.89 0.00	18.39 0.96 0.00	30.48 1.82 0.00	337.51 20.49 -0.12	36.04 1.91 -5.00	74.47 1.46 -51.05	38.00 2.27 0.00	33.50 2.08 0.00	41.83 2.42 0.00	30.89 1.76 0.00	29.50 1.82 0.00	28.95 1.88 -0.45	50.01 1.36 -28.86	39.01 2.03 -8.04	42.30 2.59 -1.19	47.69 3.05 0.00	32.90 2.04 -0.31	29.84 1.54 -4.02	26.67 1.60 0.00	23.31 1.15 0.00
INDIAN POINT___2 23530	22.51 1.02 0.00	22.61 0.97 0.00	18.79 0.80 0.00	19.26 0.79 0.00	18.22 0.88 0.00	18.38 0.94 0.00	30.45 1.80 0.00	337.31 20.29 -0.12	35.87 1.89 -4.86	83.25 1.42 -59.87	37.97 2.24 0.00	33.48 2.06 0.00	41.82 2.40 0.00	30.86 1.73 0.00	29.48 1.80 0.00	28.91 1.86 -0.44	49.15 1.34 -28.02	38.74 2.00 -7.80	42.22 2.55 -1.16	47.65 3.00 0.00	32.86 2.01 -0.30	29.70 1.52 -3.91	26.66 1.59 0.00	23.30 1.14 0.00
INDIAN POINT___3 23531	22.50 1.01 0.00	22.61 0.97 0.00	18.79 0.80 0.00	19.26 0.79 0.00	18.22 0.88 0.00	18.38 0.94 0.00	30.45 1.80 0.00	337.30 20.27 -0.12	36.01 1.88 -5.01	75.05 1.44 -51.65	37.97 2.24 0.00	33.47 2.05 0.00	41.80 2.39 0.00	30.87 1.73 0.00	29.47 1.80 0.00	28.93 1.86 -0.45	50.01 1.34 -28.88	38.99 2.00 -8.04	42.26 2.56 -1.19	47.65 3.01 0.00	32.87 2.01 -0.31	29.82 1.52 -4.03	26.65 1.59 0.00	23.29 1.13 0.00
INGHAM_C_115KV_TB7 356103	21.80 0.31 0.00	21.95 0.31 0.00	18.23 0.24 0.00	18.68 0.21 0.00	17.73 0.38 0.00	17.95 0.51 0.00	29.71 1.05 0.00	331.40 14.04 -0.45	30.36 1.24 0.00	22.63 0.67 0.00	36.27 0.54 0.00	31.69 0.27 0.00	39.93 0.52 0.00	29.64 0.51 0.00	28.15 0.48 0.00	27.19 0.57 0.00	20.45 0.66 0.00	30.08 1.13 0.00	40.31 1.79 0.00	46.72 2.08 0.00	31.92 1.37 0.00	25.38 1.11 0.00	26.02 0.95 0.00	22.69 0.53 0.00
IP CORINTH___1 23988	22.46 0.97 0.00	22.55 0.91 0.00	18.77 0.77 0.00	19.23 0.76 0.00	18.18 0.84 0.00	18.39 0.96 0.00	30.36 1.70 0.00	339.37 22.36 -0.11	37.74 1.91 -6.70	40.18 1.35 -16.88	37.72 2.00 0.00	33.02 1.59 0.00	41.53 2.12 0.00	30.69 1.55 0.00	29.30 1.63 0.00	28.93 1.70 -0.61	59.82 1.38 -38.65	41.87 2.16 -10.76	43.10 2.99 -1.59	48.08 3.44 0.00	33.20 2.23 -0.42	31.29 1.62 -5.39	26.54 1.47 0.00	23.12 0.96 0.00
IP___TICONDEROGA 23804	23.21 1.72 0.00	23.39 1.75 0.00	19.45 1.45 0.00	19.92 1.45 0.00	18.87 1.52 0.00	19.14 1.70 0.00	31.32 2.66 0.00	354.39 37.38 -0.11	38.87 3.05 -6.70	40.93 2.05 -16.91	38.54 2.81 0.00	33.69 2.27 0.00	42.45 3.04 0.00	31.29 2.16 0.00	30.01 2.34 0.00	29.80 2.57 -0.61	60.53 2.10 -38.63	43.08 3.38 -10.75	44.85 4.74 -1.59	50.05 5.40 0.00	34.43 3.45 -0.42	32.29 2.63 -5.39	27.39 2.31 0.00	23.57 1.41 0.00
ISLIP_RES_REC 323679	23.07 1.58 0.00	23.22 1.59 0.00	19.28 1.28 0.00	19.76 1.29 0.00	18.76 1.41 0.00	18.99 1.55 0.00	31.31 2.65 0.00	343.40 26.38 -0.12	36.96 2.70 -5.14	71.49 1.99 -47.54	37.85 2.12 0.00	34.06 2.64 0.00	42.64 3.23 0.00	31.66 2.53 0.00	30.81 3.13 0.00	30.25 3.17 -0.47	51.83 2.41 -29.63	40.39 3.20 -8.25	43.62 3.89 -1.22	48.91 4.26 0.00	33.95 3.08 -0.32	30.73 2.32 -4.13	27.57 2.50 0.00	24.03 1.87 0.00
JAMAICA__27_KV_LOAD 355505	22.85 1.36 0.00	22.99 1.35 0.00	19.11 1.11 0.00	19.57 1.11 0.00	18.52 1.17 0.00	18.71 1.28 0.00	31.10 2.44 0.00	343.02 25.99 -0.12	36.67 2.42 -5.13	71.39 1.78 -47.65	38.79 3.06 0.00	34.15 2.73 0.00	42.53 3.12 0.00	31.34 2.21 0.00	29.90 2.23 0.00	29.39 2.31 -0.47	51.07 1.66 -29.61	39.63 2.44 -8.24	42.81 3.08 -1.22	48.35 3.71 0.00	33.29 2.42 -0.32	30.30 1.90 -4.13	27.12 2.05 0.00	23.66 1.50 0.00
JANIS___SOLAR 323808	21.99 0.50 0.00	22.17 0.53 0.00	18.37 0.37 0.00	18.92 0.45 0.00	17.79 0.44 0.00	17.97 0.53 0.00	36.79 1.22 -6.92	337.71 18.27 -2.53	75.21 1.26 -44.83	47.93 0.75 -25.21	40.07 0.67 -3.68	34.18 0.52 -2.25	45.16 1.17 -4.58	32.70 1.00 -2.57	29.44 0.84 -0.93	27.34 0.66 -0.06	24.17 0.54 -3.83	31.05 1.03 -1.07	40.39 1.71 -0.16	46.74 2.09 0.00	31.87 1.28 -0.04	25.66 0.85 -0.53	25.91 0.83 0.00	22.88 0.72 0.00
JARVIS____ 23743	21.51 0.02 0.00	21.66 0.02 0.00	18.00 0.00 0.00	18.45 -0.02 0.00	17.37 0.02 0.00	17.46 0.02 0.00	28.74 0.09 0.00	318.73 1.38 -0.45	29.27 0.15 0.00	22.07 0.11 0.00	35.86 0.13 0.00	31.51 0.08 0.00	39.49 0.08 0.00	29.19 0.06 0.00	27.71 0.04 0.00	26.66 0.05 0.00	19.87 0.08 0.00	29.08 0.13 0.00	38.73 0.22 0.00	44.91 0.26 0.00	30.71 0.16 0.00	24.40 0.13 0.00	25.18 0.10 0.00	22.22 0.06 0.00

JENNISON___1 23625	22.04 0.55 0.00	22.19 0.55 0.00	18.39 0.40 0.00	18.94 0.48 0.00	17.84 0.49 0.00	18.02 0.58 0.00	35.48 1.32 -5.51	337.56 18.61 -2.04	67.11 1.41 -36.58	43.03 0.96 -20.11	40.09 1.44 -2.93	34.28 1.07 -1.79	44.77 1.71 -3.65	32.41 1.22 -2.05	29.50 1.09 -0.74	27.81 1.08 -0.11	27.46 0.82 -6.85	32.26 1.41 -1.91	40.84 2.05 -0.28	47.05 2.40 0.00	32.12 1.49 -0.07	26.18 0.96 -0.95	26.00 0.92 0.00	22.87 0.71 0.00
JENNISON___2 23626	22.04 0.55 0.00	22.19 0.55 0.00	18.39 0.40 0.00	18.94 0.48 0.00	17.84 0.49 0.00	18.02 0.58 0.00	35.48 1.32 -5.51	337.56 18.61 -2.04	67.11 1.41 -36.58	43.03 0.96 -20.11	40.09 1.44 -2.93	34.28 1.07 -1.79	44.77 1.71 -3.65	32.41 1.22 -2.05	29.50 1.09 -0.74	27.81 1.08 -0.11	27.46 0.82 -6.85	32.26 1.41 -1.91	40.84 2.05 -0.28	47.05 2.40 0.00	32.12 1.49 -0.07	26.18 0.96 -0.95	26.00 0.92 0.00	22.87 0.71 0.00
JERICHO_RISE_WT_PWR 323719	21.67 0.18 0.00	21.76 0.12 0.00	18.18 0.19 0.00	18.57 0.10 0.00	17.33 -0.02 0.00	17.44 0.00 0.00	28.50 -0.16 0.00	313.46 -3.65 -0.21	29.01 -0.12 0.00	21.85 -0.12 0.00	35.61 -0.11 0.00	31.50 0.08 0.00	39.77 0.36 0.00	29.34 0.21 0.00	28.34 0.67 0.00	27.42 0.80 0.00	20.27 0.48 0.00	29.74 0.79 0.00	39.45 0.94 0.00	44.91 0.27 0.00	30.93 0.37 0.00	24.45 0.18 0.00	25.10 0.03 0.00	22.30 0.14 0.00
KATONAH___115KV_46KV_TB4 355592	22.58 1.09 0.00	22.70 1.06 0.00	18.86 0.86 0.00	19.33 0.86 0.00	18.29 0.94 0.00	18.47 1.04 0.00	30.63 1.98 0.00	339.20 22.18 -0.12	36.49 2.07 -5.29	65.18 1.58 -41.63	38.22 2.50 0.00	33.66 2.24 0.00	42.01 2.59 0.00	31.02 1.89 0.00	29.66 1.98 0.00	29.15 2.05 -0.48	51.78 1.49 -30.49	39.67 2.23 -8.49	42.67 2.90 -1.26	48.06 3.42 0.00	33.15 2.27 -0.33	30.23 1.71 -4.25	26.83 1.76 0.00	23.43 1.27 0.00
KCE_NY_1 323755	22.41 0.92 0.00	22.53 0.88 0.00	18.72 0.73 0.00	19.20 0.73 0.00	18.18 0.83 0.00	18.32 0.89 0.00	30.30 1.64 0.00	337.43 20.42 -0.11	37.60 1.78 -6.69	40.16 1.24 -16.96	37.67 1.94 0.00	33.00 1.58 0.00	41.45 2.03 0.00	30.60 1.47 0.00	29.19 1.52 0.00	28.80 1.57 -0.61	59.64 1.25 -38.60	41.63 1.93 -10.75	42.74 2.63 -1.59	47.67 3.03 0.00	32.96 1.99 -0.42	31.11 1.45 -5.38	26.46 1.39 0.00	23.15 0.99 0.00
KCE_NY_6_ESR 323823	20.67 -0.82 0.00	21.02 -0.62 0.00	17.42 -0.57 0.00	18.10 -0.37 0.00	16.98 -0.37 0.00	17.11 -0.33 0.00	32.97 -0.45 -4.77	312.71 -7.20 -3.01	59.18 -0.71 -30.77	39.16 -0.28 -17.48	37.71 -0.56 -2.55	32.52 -0.46 -1.56	42.36 -0.23 -3.17	30.76 -0.15 -1.78	27.71 -0.61 -0.64	25.75 -0.88 -0.02	20.29 -0.75 -1.24	28.24 -1.06 -0.35	37.42 -1.14 -0.05	43.64 -1.00 0.00	29.68 -0.89 -0.01	23.61 -0.84 -0.17	24.51 -0.56 0.00	21.75 -0.41 0.00
KEDC_PORT_JEFF_GT2 24210	22.99 1.50 0.00	23.15 1.51 0.00	19.22 1.23 0.00	19.70 1.23 0.00	18.70 1.36 0.00	18.92 1.48 0.00	31.19 2.54 0.00	341.90 24.88 -0.12	36.82 2.56 -5.14	71.38 1.88 -47.54	37.87 2.15 0.00	33.92 2.50 0.00	42.44 3.03 0.00	31.50 2.37 0.00	30.62 2.95 0.00	30.07 2.98 -0.47	51.67 2.24 -29.63	40.09 2.89 -8.25	43.12 3.39 -1.22	48.27 3.63 0.00	33.59 2.71 -0.32	30.54 2.13 -4.13	27.41 2.34 0.00	23.88 1.72 0.00
KEDC_PORT_JEFF_GT3 24211	22.99 1.50 0.00	23.15 1.51 0.00	19.22 1.23 0.00	19.70 1.23 0.00	18.70 1.36 0.00	18.92 1.48 0.00	31.19 2.54 0.00	341.90 24.88 -0.12	36.82 2.56 -5.14	71.38 1.88 -47.54	37.87 2.15 0.00	33.92 2.50 0.00	42.44 3.03 0.00	31.50 2.37 0.00	30.62 2.95 0.00	30.07 2.98 -0.47	51.67 2.24 -29.63	40.09 2.89 -8.25	43.12 3.39 -1.22	48.27 3.63 0.00	33.59 2.71 -0.32	30.54 2.13 -4.13	27.41 2.34 0.00	23.88 1.72 0.00
KEDC_GLWD_GT4 24219	22.70 1.22 0.00	22.83 1.19 0.00	18.96 0.97 0.00	19.43 0.97 0.00	18.41 1.06 0.00	18.60 1.16 0.00	30.74 2.09 0.00	339.25 22.23 -0.12	36.47 2.21 -5.14	71.15 1.65 -47.54	38.29 2.56 0.00	33.86 2.44 0.00	42.27 2.86 0.00	31.29 2.16 0.00	29.99 2.31 0.00	29.43 2.35 -0.47	51.12 1.70 -29.63	39.62 2.42 -8.25	42.77 3.03 -1.22	48.16 3.51 0.00	33.30 2.43 -0.32	30.26 1.86 -4.13	27.01 1.94 0.00	23.60 1.43 -0.01
KEDC_GLWD_GT5 24220	22.70 1.22 0.00	22.83 1.19 0.00	18.96 0.97 0.00	19.43 0.97 0.00	18.41 1.06 0.00	18.60 1.16 0.00	30.74 2.09 0.00	339.25 22.23 -0.12	36.47 2.21 -5.14	71.15 1.65 -47.54	38.29 2.56 0.00	33.86 2.44 0.00	42.27 2.86 0.00	31.29 2.16 0.00	29.99 2.31 0.00	29.43 2.35 -0.47	51.12 1.70 -29.63	39.62 2.42 -8.25	42.77 3.03 -1.22	48.16 3.51 0.00	33.30 2.43 -0.32	30.26 1.86 -4.13	27.01 1.94 0.00	23.60 1.43 -0.01
KENSICO____ 23655	22.56 1.07 0.00	22.67 1.03 0.00	18.84 0.85 0.00	19.31 0.84 0.00	18.27 0.92 0.00	18.43 1.00 0.00	30.56 1.90 0.00	338.40 21.38 -0.12	36.22 2.00 -5.10	72.42 1.52 -48.94	38.12 2.39 0.00	33.61 2.18 0.00	41.96 2.54 0.00	30.98 1.84 0.00	29.59 1.91 0.00	29.06 1.98 -0.46	50.64 1.43 -29.42	39.24 2.11 -8.19	42.41 2.69 -1.21	47.82 3.17 0.00	32.98 2.11 -0.32	29.98 1.61 -4.10	26.74 1.67 0.00	23.36 1.20 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	22.81 1.32 0.00	22.92 1.28 0.00	19.04 1.04 0.00	19.52 1.06 0.00	18.46 1.11 0.00	18.63 1.19 0.00	30.89 2.23 0.00	342.77 25.74 -0.12	36.19 2.35 -4.72	17.41 1.70 6.25	38.15 2.43 0.00	33.57 2.15 0.00	42.12 2.71 0.00	31.05 1.92 0.00	29.60 1.92 0.00	28.98 1.94 -0.43	48.49 1.46 -27.24	38.75 2.22 -7.58	42.63 2.99 -1.12	48.19 3.55 0.00	33.25 2.40 -0.30	29.98 1.91 -3.80	27.01 1.94 0.00	23.61 1.45 0.00
KIAC_JFK_GT1 23816	22.78 1.29 0.00	22.92 1.28 0.00	19.05 1.06 0.00	19.52 1.05 0.00	18.47 1.12 0.00	18.66 1.22 0.00	31.00 2.34 0.00	342.01 24.98 -0.12	36.58 2.33 -5.13	71.32 1.71 -47.65	38.70 2.97 0.00	34.06 2.64 0.00	42.42 3.01 0.00	31.25 2.12 0.00	29.84 2.16 0.00	29.33 2.25 -0.47	51.01 1.61 -29.61	39.55 2.36 -8.24	42.71 2.98 -1.22	48.23 3.58 0.00	33.21 2.33 -0.32	30.21 1.81 -4.13	27.03 1.96 0.00	23.59 1.43 0.00
KIAC_JFK_GT2 23817	22.78 1.29 0.00	22.92 1.28 0.00	19.05 1.06 0.00	19.52 1.05 0.00	18.47 1.12 0.00	18.66 1.22 0.00	31.00 2.34 0.00	342.01 24.98 -0.12	36.58 2.33 -5.13	71.32 1.71 -47.65	38.70 2.97 0.00	34.06 2.64 0.00	42.42 3.01 0.00	31.25 2.12 0.00	29.84 2.16 0.00	29.33 2.25 -0.47	51.01 1.61 -29.61	39.55 2.36 -8.24	42.71 2.98 -1.22	48.23 3.58 0.00	33.21 2.33 -0.32	30.21 1.81 -4.13	27.03 1.96 0.00	23.59 1.43 0.00
KIAC_JFK____ 323774	22.78 1.29 0.00	22.92 1.28 0.00	19.05 1.06 0.00	19.52 1.05 0.00	18.47 1.12 0.00	18.66 1.22 0.00	30.99 2.34 0.00	341.98 24.95 -0.12	36.59 2.33 -5.13	71.29 1.68 -47.65	38.70 2.97 0.00	34.06 2.64 0.00	42.41 3.00 0.00	31.24 2.11 0.00	29.83 2.15 0.00	29.33 2.25 -0.47	51.01 1.61 -29.61	39.55 2.36 -8.24	42.71 2.98 -1.22	48.23 3.59 0.00	33.21 2.33 -0.32	30.21 1.81 -4.13	27.04 1.97 0.00	23.59 1.43 0.00

KINTIGH____ 23543	20.32 -1.17 0.00	20.65 -0.99 0.00	17.13 -0.86 0.00	17.77 -0.70 0.00	16.66 -0.69 0.00	16.76 -0.67 0.00	31.76 -1.08 -4.18	305.43 -14.52 -3.04	54.64 -1.35 -26.87	36.46 -0.82 -15.31	36.67 -1.29 -2.23	31.64 -1.14 -1.36	41.03 -1.16 -2.78	29.86 -0.83 -1.56	27.09 -1.14 -0.56	25.25 -1.39 -0.02	19.79 -1.07 -1.07	27.64 -1.60 -0.30	36.55 -2.01 -0.04	42.66 -1.98 0.00	29.06 -1.50 -0.01	23.17 -1.25 -0.15	24.08 -1.00 0.00	21.34 -0.82 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	22.05 0.56 0.00	22.14 0.50 0.00	18.48 0.48 0.00	18.85 0.39 0.00	17.62 0.27 0.00	17.76 0.32 0.00	29.01 0.35 0.00	320.47 3.37 -0.19	29.61 0.48 0.00	22.26 0.30 0.00	36.27 0.54 0.00	32.10 0.68 0.00	40.53 1.12 0.00	29.86 0.73 0.00	28.88 1.20 0.00	27.98 1.37 0.00	20.68 0.88 0.00	30.34 1.40 0.00	40.34 1.82 0.00	45.83 1.19 0.00	31.49 0.94 0.00	24.93 0.66 0.00	25.53 0.46 0.00	22.61 0.45 0.00
LACHUTE__HYDRO 323717	23.21 1.72 0.00	23.39 1.75 0.00	19.45 1.45 0.00	19.92 1.45 0.00	18.87 1.52 0.00	19.14 1.70 0.00	31.32 2.66 0.00	354.41 37.40 -0.11	38.87 3.05 -6.70	40.92 2.05 -16.91	38.54 2.81 0.00	33.69 2.27 0.00	42.45 3.04 0.00	31.29 2.16 0.00	30.01 2.34 0.00	29.80 2.57 -0.61	60.52 2.10 -38.63	43.08 3.38 -10.75	44.85 4.74 -1.59	50.04 5.40 0.00	34.42 3.45 -0.42	32.29 2.63 -5.39	27.39 2.32 0.00	23.57 1.41 0.00
LAWRNCV_115KV_TB1 80681	21.59 0.10 0.00	21.69 0.05 0.00	18.03 0.03 0.00	18.51 0.04 0.00	17.25 -0.09 0.00	17.32 -0.12 0.00	28.35 -0.31 0.00	312.89 -4.42 -0.40	28.78 -0.34 0.00	21.70 -0.26 0.00	35.35 -0.38 0.00	31.07 -0.35 0.00	38.98 -0.44 0.00	28.81 -0.32 0.00	27.42 -0.26 0.00	26.41 -0.21 0.00	19.61 -0.19 0.00	28.81 -0.14 0.00	38.44 -0.07 0.00	44.41 -0.24 0.00	30.40 -0.15 0.00	24.12 -0.15 0.00	24.85 -0.22 0.00	22.03 -0.12 0.00
LEDERLE____ 23769	22.59 1.10 0.00	22.71 1.07 0.00	18.87 0.87 0.00	19.34 0.87 0.00	18.29 0.94 0.00	18.45 1.01 0.00	30.57 1.92 0.00	338.78 21.75 -0.12	35.87 2.05 -4.70	-39.54 1.55 63.05	38.13 2.40 0.00	33.65 2.23 0.00	42.05 2.63 0.00	31.04 1.91 0.00	29.63 1.95 0.00	29.03 1.98 -0.43	48.37 1.43 -27.15	38.66 2.17 -7.55	42.42 2.78 -1.12	47.90 3.26 0.00	33.03 2.18 -0.30	29.71 1.66 -3.78	26.80 1.72 0.00	23.41 1.25 0.00
LIGHTHSE_115KV_TB6 355974	21.57 0.08 0.00	21.67 0.03 0.00	17.83 -0.16 0.00	18.28 -0.18 0.00	17.17 -0.18 0.00	17.30 -0.14 0.00	32.91 -0.06 -4.31	322.56 2.99 -2.66	57.45 0.23 -28.10	38.48 0.14 -16.38	38.20 0.08 -2.39	32.89 0.02 -1.46	42.38 0.00 -2.97	30.69 -0.11 -1.67	27.94 -0.34 -0.60	26.22 -0.40 0.00	19.31 -0.49 0.00	28.33 -0.62 0.00	37.92 -0.60 0.00	44.05 -0.60 0.00	29.98 -0.57 0.00	23.79 -0.49 0.00	24.50 -0.57 0.00	21.78 -0.38 0.00
LINDEN COGEN____ 23786	22.60 1.11 0.00	22.72 1.08 0.00	18.89 0.89 0.00	19.35 0.88 0.00	18.30 0.95 0.00	18.47 1.04 0.00	30.64 1.99 0.00	338.91 21.89 -0.12	35.99 2.05 -4.81	43.68 1.57 -20.15	37.12 2.46 1.07	33.68 2.26 0.00	41.50 2.60 0.51	31.02 1.89 0.00	29.63 1.95 0.00	29.12 2.03 -0.47	50.60 1.42 -29.38	38.25 2.06 -7.25	42.34 2.61 -1.22	47.80 3.15 0.00	32.92 2.04 -0.32	30.01 1.60 -4.13	26.79 1.71 0.00	23.41 1.25 0.00
LINDHRST_69_KV_BK1 356055	22.94 1.45 0.00	23.09 1.45 0.00	19.17 1.18 0.00	19.64 1.17 0.00	18.64 1.29 0.00	18.84 1.40 0.00	31.06 2.40 0.00	340.88 23.86 -0.12	36.72 2.46 -5.14	71.40 1.90 -47.54	38.22 2.49 0.00	33.98 2.56 0.00	42.47 3.06 0.00	31.61 2.48 0.00	30.50 2.82 0.00	29.91 2.83 -0.47	51.53 2.10 -29.63	40.03 2.83 -8.25	43.25 3.52 -1.22	48.57 3.93 0.00	33.75 2.87 -0.32	30.62 2.21 -4.13	27.42 2.35 0.00	23.93 1.77 0.00
LIPA_MISC_IPP 23656	22.95 1.46 0.00	23.11 1.47 0.00	19.19 1.20 0.00	19.67 1.20 0.00	18.68 1.34 0.00	18.89 1.45 0.00	31.14 2.49 0.00	341.10 24.07 -0.12	36.70 2.44 -5.14	71.44 1.95 -47.54	37.81 2.08 0.00	33.80 2.38 0.00	42.33 2.91 0.00	31.50 2.37 0.00	30.58 2.91 0.00	30.03 2.95 -0.47	51.65 2.23 -29.63	40.15 2.96 -8.25	43.33 3.59 -1.22	48.58 3.94 0.00	33.79 2.91 -0.32	30.59 2.18 -4.13	27.42 2.35 0.00	23.91 1.75 0.00
LISF__SOLAR 323691	22.98 1.49 0.00	23.14 1.49 0.00	19.22 1.22 0.00	19.69 1.22 0.00	18.70 1.36 0.00	18.92 1.48 0.00	31.19 2.54 0.00	341.65 24.63 -0.12	36.78 2.53 -5.14	71.32 1.82 -47.54	37.80 2.07 0.00	33.80 2.38 0.00	42.30 2.89 0.00	31.41 2.28 0.00	30.56 2.88 0.00	30.01 2.92 -0.47	51.65 2.23 -29.63	40.16 2.97 -8.25	43.36 3.62 -1.22	48.63 3.99 0.00	33.81 2.94 -0.32	30.63 2.23 -4.13	27.47 2.40 0.00	23.94 1.78 0.00
LITTLE FALLS__HYD 24013	21.80 0.31 0.00	21.95 0.31 0.00	18.23 0.24 0.00	18.68 0.21 0.00	17.73 0.38 0.00	17.95 0.51 0.00	29.71 1.05 0.00	331.40 14.04 -0.45	30.36 1.24 0.00	22.63 0.67 0.00	36.27 0.54 0.00	31.69 0.27 0.00	39.93 0.52 0.00	29.64 0.51 0.00	28.15 0.48 0.00	27.19 0.57 0.00	20.45 0.66 0.00	30.08 1.13 0.00	40.31 1.79 0.00	46.72 2.08 0.00	31.92 1.37 0.00	25.38 1.11 0.00	26.02 0.95 0.00	22.69 0.53 0.00
LITTLRIV_115KV_TB1 356100	21.77 0.29 0.00	21.87 0.23 0.00	18.18 0.18 0.00	18.67 0.21 0.00	17.41 0.06 0.00	17.48 0.04 0.00	28.70 0.04 0.00	319.85 2.53 -0.41	29.41 0.29 0.00	22.16 0.20 0.00	36.03 0.30 0.00	31.69 0.27 0.00	39.75 0.33 0.00	29.38 0.25 0.00	27.93 0.25 0.00	26.90 0.28 0.00	19.96 0.17 0.00	29.31 0.37 0.00	38.85 0.33 0.00	44.89 0.24 0.00	30.71 0.16 0.00	24.37 0.10 0.00	25.09 0.02 0.00	22.23 0.07 0.00
LI_NEWBRDGE__DRP 323616	22.58 1.09 0.00	22.72 1.08 0.00	18.87 0.87 0.00	19.33 0.86 0.00	18.32 0.98 0.00	18.51 1.07 0.00	30.52 1.86 0.00	335.72 18.70 -0.12	36.21 1.95 -5.14	71.00 1.50 -47.54	37.79 2.06 0.00	33.52 2.10 0.00	41.85 2.44 0.00	31.10 1.97 0.00	29.91 2.24 0.00	29.31 2.23 -0.47	51.03 1.60 -29.63	39.39 2.20 -8.25	42.42 2.69 -1.22	47.68 3.03 0.00	33.08 2.21 -0.32	30.12 1.72 -4.13	26.92 1.85 0.00	23.53 1.37 0.00
LOCKPORT_115KV_TB60_63_64 80432	20.31 -1.19 0.00	20.67 -0.97 0.00	17.14 -0.85 0.00	17.80 -0.66 0.00	16.70 -0.64 0.00	16.83 -0.61 0.00	32.06 -1.04 -4.44	304.73 -15.21 -3.04	56.34 -1.38 -28.59	37.42 -0.81 -16.28	36.85 -1.25 -2.37	31.80 -1.07 -1.45	41.27 -1.10 -2.95	30.03 -0.76 -1.66	27.19 -1.08 -0.60	25.26 -1.38 -0.02	19.85 -1.07 -1.12	27.65 -1.61 -0.31	36.56 -2.00 -0.05	42.71 -1.93 0.00	29.09 -1.47 -0.01	23.20 -1.23 -0.16	24.14 -0.93 0.00	21.40 -0.76 0.00
LOCKPORT__CC1 323769	20.30 -1.19 0.00	20.67 -0.97 0.00	17.14 -0.85 0.00	17.80 -0.67 0.00	16.70 -0.64 0.00	16.82 -0.62 0.00	32.09 -1.04 -4.47	304.72 -15.21 -3.03	56.45 -1.42 -28.75	37.61 -0.72 -16.37	36.86 -1.26 -2.38	31.80 -1.08 -1.46	41.34 -1.04 -2.97	30.09 -0.71 -1.67	27.19 -1.08 -0.60	25.25 -1.38 -0.02	19.84 -1.08 -1.13	27.65 -1.62 -0.32	36.54 -2.02 -0.05	42.69 -1.95 0.00	29.08 -1.49 -0.01	23.18 -1.25 -0.16	24.10 -0.97 0.00	21.39 -0.77 0.00

LOCKPORT___CC2 323770	20.30 -1.19 0.00	20.67 -0.97 0.00	17.14 -0.85 0.00	17.80 -0.67 0.00	16.70 -0.64 0.00	16.82 -0.62 0.00	32.09 -1.04 -4.47	304.72 -15.21 -3.03	56.45 -1.42 -28.75	37.61 -0.72 -16.37	36.86 -1.26 -2.38	31.80 -1.08 -1.46	41.34 -1.04 -2.97	30.09 -0.71 -1.67	27.19 -1.08 -0.60	25.25 -1.38 -0.02	19.84 -1.08 -1.13	27.65 -1.62 -0.32	36.54 -2.02 -0.05	42.69 -1.95 0.00	29.08 -1.49 -0.01	23.18 -1.25 -0.16	24.10 -0.97 0.00	21.39 -0.77 0.00
LOCKPORT___CC3 323771	20.30 -1.19 0.00	20.67 -0.97 0.00	17.14 -0.85 0.00	17.80 -0.67 0.00	16.70 -0.64 0.00	16.82 -0.62 0.00	32.09 -1.04 -4.47	304.72 -15.21 -3.03	56.45 -1.42 -28.75	37.61 -0.72 -16.37	36.86 -1.26 -2.38	31.80 -1.08 -1.46	41.34 -1.04 -2.97	30.09 -0.71 -1.67	27.19 -1.08 -0.60	25.25 -1.38 -0.02	19.84 -1.08 -1.13	27.65 -1.62 -0.32	36.54 -2.02 -0.05	42.69 -1.95 0.00	29.08 -1.49 -0.01	23.18 -1.25 -0.16	24.10 -0.97 0.00	21.39 -0.77 0.00
LONG_LAKE_PHOENIX 24014	21.62 0.13 0.00	21.78 0.14 0.00	18.04 0.04 0.00	18.52 0.06 0.00	17.40 0.05 0.00	17.52 0.08 0.00	34.01 0.29 -5.06	326.34 6.50 -2.94	61.86 0.46 -32.28	40.97 0.24 -18.77	38.76 0.30 -2.74	33.40 0.31 -1.67	43.27 0.45 -3.41	31.37 0.32 -1.91	28.44 0.08 -0.69	26.57 -0.05 -0.01	19.32 -0.47 0.00	28.18 -0.77 0.00	37.76 -0.75 0.00	43.84 -0.80 0.00	29.97 -0.58 0.00	23.88 -0.39 0.00	24.68 -0.39 0.00	21.88 -0.28 0.00
LOVETT___3 23632	22.50 1.01 0.00	22.61 0.97 0.00	18.79 0.79 0.00	19.26 0.79 0.00	18.21 0.87 0.00	18.37 0.93 0.00	30.43 1.78 0.00	337.01 19.98 -0.12	35.73 1.86 -4.74	-41.29 1.41 64.67	37.91 2.19 0.00	33.45 2.03 0.00	41.79 2.38 0.00	30.85 1.72 0.00	29.45 1.77 0.00	28.87 1.82 -0.43	48.47 1.32 -27.36	38.54 1.97 -7.62	42.16 2.52 -1.13	47.60 2.96 0.00	32.83 1.98 -0.30	29.59 1.50 -3.82	26.64 1.57 0.00	23.28 1.13 0.00
LOVETT___4 23642	22.50 1.01 0.00	22.61 0.97 0.00	18.79 0.79 0.00	19.26 0.79 0.00	18.21 0.87 0.00	18.37 0.93 0.00	30.43 1.78 0.00	337.01 19.98 -0.12	35.73 1.86 -4.74	-41.29 1.41 64.67	37.91 2.19 0.00	33.45 2.03 0.00	41.79 2.38 0.00	30.85 1.72 0.00	29.45 1.77 0.00	28.87 1.82 -0.43	48.47 1.32 -27.36	38.54 1.97 -7.62	42.16 2.52 -1.13	47.60 2.96 0.00	32.83 1.98 -0.30	29.59 1.50 -3.82	26.64 1.57 0.00	23.28 1.13 0.00
LOVETT___5 23593	22.50 1.01 0.00	22.61 0.97 0.00	18.79 0.79 0.00	19.26 0.79 0.00	18.21 0.87 0.00	18.37 0.93 0.00	30.43 1.78 0.00	337.01 19.98 -0.12	35.73 1.86 -4.74	-41.29 1.41 64.67	37.91 2.19 0.00	33.45 2.03 0.00	41.79 2.38 0.00	30.85 1.72 0.00	29.45 1.77 0.00	28.87 1.82 -0.43	48.47 1.32 -27.36	38.54 1.97 -7.62	42.16 2.52 -1.13	47.60 2.96 0.00	32.83 1.98 -0.30	29.59 1.50 -3.82	26.64 1.57 0.00	23.28 1.13 0.00
LOWER RAQUET___HYD 24057	21.58 0.09 0.00	21.67 0.03 0.00	18.01 0.01 0.00	18.48 0.01 0.00	17.23 -0.12 0.00	17.30 -0.14 0.00	28.33 -0.33 0.00	312.64 -4.71 -0.45	28.77 -0.35 0.00	21.70 -0.26 0.00	35.31 -0.41 0.00	31.05 -0.37 0.00	38.95 -0.46 0.00	28.78 -0.36 0.00	27.38 -0.29 0.00	26.37 -0.24 0.00	19.59 -0.21 0.00	28.79 -0.15 0.00	38.46 -0.06 0.00	44.41 -0.24 0.00	30.39 -0.16 0.00	24.11 -0.16 0.00	24.82 -0.25 0.00	22.01 -0.15 0.00
LOWER___HUDSON 24059	22.10 0.61 0.00	22.23 0.59 0.00	18.49 0.49 0.00	18.94 0.47 0.00	17.93 0.58 0.00	18.06 0.63 0.00	29.77 1.11 0.00	331.55 14.53 -0.11	36.99 1.25 -6.62	40.40 0.88 -17.55	37.04 1.31 0.00	32.53 1.11 0.00	40.78 1.37 0.00	30.11 0.98 0.00	28.73 1.05 0.00	28.35 1.13 -0.60	58.86 0.89 -38.17	40.95 1.37 -10.63	41.90 1.81 -1.57	46.75 2.11 0.00	32.40 1.43 -0.42	30.65 1.05 -5.32	26.07 1.00 0.00	22.84 0.68 0.00
LOWVILLE_115KV_TB2 356335	21.82 0.33 0.00	21.89 0.25 0.00	17.88 -0.11 0.00	18.22 -0.24 0.00	17.08 -0.26 0.00	17.18 -0.25 0.00	30.26 -0.24 -1.84	318.62 0.61 -1.11	39.46 0.33 -10.00	28.36 0.27 -6.13	36.86 0.24 -0.89	32.01 0.04 -0.55	40.30 -0.22 -1.11	29.38 -0.37 -0.63	27.31 -0.59 -0.22	26.08 -0.54 0.00	19.48 -0.31 0.00	28.91 -0.03 0.00	38.86 0.34 0.00	45.15 0.51 0.00	30.62 0.07 0.00	24.18 -0.10 0.00	24.74 -0.33 0.00	21.97 -0.19 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	22.41 0.92 0.00	22.53 0.89 0.00	18.73 0.73 0.00	19.20 0.73 0.00	18.16 0.82 0.00	18.32 0.89 0.00	30.27 1.62 0.00	337.12 20.11 -0.11	37.57 1.75 -6.69	40.17 1.25 -16.96	37.64 1.92 0.00	32.99 1.57 0.00	41.43 2.02 0.00	30.61 1.48 0.00	29.18 1.51 0.00	28.79 1.57 -0.61	59.63 1.24 -38.60	41.60 1.91 -10.75	42.69 2.59 -1.59	47.64 3.00 0.00	32.96 1.98 -0.42	31.11 1.45 -5.38	26.45 1.38 0.00	23.15 0.99 0.00
LUTHERNY_35_KV_BK2 355980	22.41 0.92 0.00	22.53 0.89 0.00	18.72 0.73 0.00	19.20 0.73 0.00	18.18 0.83 0.00	18.32 0.89 0.00	30.30 1.64 0.00	337.43 20.41 -0.11	37.59 1.78 -6.69	40.18 1.26 -16.96	37.67 1.94 0.00	33.00 1.58 0.00	41.45 2.04 0.00	30.61 1.48 0.00	29.20 1.52 0.00	28.80 1.57 -0.61	59.64 1.25 -38.60	41.63 1.93 -10.75	42.74 2.64 -1.59	47.67 3.03 0.00	32.96 1.99 -0.42	31.11 1.46 -5.38	26.46 1.39 0.00	23.16 0.99 0.00
LWR___OSWEGATCHIE_HYD 23850	21.61 0.11 0.00	21.68 0.04 0.00	17.85 -0.15 0.00	18.26 -0.20 0.00	17.07 -0.27 0.00	17.17 -0.27 0.00	29.65 -0.40 -1.39	314.44 -3.26 -0.79	28.98 -0.15 0.00	21.87 -0.09 0.00	35.52 -0.20 0.00	31.13 -0.29 0.00	38.92 -0.49 0.00	28.65 -0.48 0.00	27.15 -0.53 0.00	26.16 -0.46 0.00	19.47 -0.33 0.00	28.75 -0.20 0.00	38.51 0.00 0.00	44.61 -0.03 0.00	30.38 -0.17 0.00	24.01 -0.26 0.00	24.64 -0.43 0.00	21.86 -0.29 0.00
LYONS_FALL_HYD 23570	21.85 0.35 0.00	21.95 0.31 0.00	18.04 0.04 0.00	18.43 -0.04 0.00	17.30 -0.04 0.00	17.42 -0.02 0.00	30.45 0.15 -1.64	322.13 4.22 -1.00	38.84 0.54 -9.18	28.00 0.41 -5.63	36.93 0.38 -0.82	32.21 0.28 -0.50	40.62 0.19 -1.02	29.74 0.04 -0.57	27.71 -0.18 -0.21	26.45 -0.17 0.00	19.75 -0.05 0.00	29.17 0.22 0.00	39.09 0.58 0.00	45.38 0.74 0.00	30.87 0.32 0.00	24.46 0.19 0.00	25.10 0.03 0.00	22.23 0.07 0.00
MADISON___COUNTY_LFGE 323628	21.85 0.36 0.00	22.03 0.39 0.00	18.26 0.26 0.00	18.74 0.27 0.00	17.62 0.27 0.00	17.75 0.31 0.00	32.34 0.71 -2.98	328.77 10.21 -1.66	48.68 0.86 -18.70	33.32 0.54 -10.82	37.88 0.58 -1.58	32.97 0.58 -0.96	42.15 0.77 -1.96	30.87 0.63 -1.10	28.48 0.41 -0.40	26.96 0.35 0.00	20.12 0.33 0.00	29.53 0.59 0.00	39.46 0.95 0.00	45.77 1.13 0.00	31.22 0.67 0.00	24.83 0.56 0.00	25.58 0.51 0.00	22.59 0.43 0.00
MALONE___115KV_TB1 356076	21.82 0.33 0.00	21.90 0.26 0.00	18.27 0.27 0.00	18.68 0.21 0.00	17.43 0.09 0.00	17.55 0.11 0.00	28.72 0.06 0.00	316.93 -0.25 -0.27	29.25 0.13 0.00	22.04 0.07 0.00	35.89 0.17 0.00	31.69 0.27 0.00	39.94 0.53 0.00	29.51 0.38 0.00	28.37 0.70 0.00	27.42 0.80 0.00	20.29 0.50 0.00	29.82 0.87 0.00	39.66 1.15 0.00	45.34 0.70 0.00	31.17 0.62 0.00	24.66 0.38 0.00	25.30 0.23 0.00	22.44 0.28 0.00

MAPLEWOD_115KV_TB3 80458	21.93 0.44 0.00	22.05 0.41 0.00	18.35 0.35 0.00	18.80 0.33 0.00	17.79 0.45 0.00	17.91 0.47 0.00	29.60 0.94 0.00	329.82 12.81 -0.11	36.73 1.05 -6.55	40.44 0.76 -17.71	36.83 1.10 0.00	32.34 0.92 0.00	40.48 1.07 0.00	29.94 0.81 0.00	28.57 0.90 0.00	28.19 0.97 -0.60	58.38 0.79 -37.80	40.70 1.22 -10.53	41.68 1.60 -1.56	46.52 1.88 0.00	32.19 1.23 -0.41	30.43 0.89 -5.27	25.90 0.83 0.00	22.69 0.54 0.00
MAPLE_RIDGE_WT_1 323574	21.16 -0.33 0.00	21.36 -0.28 0.00	17.73 -0.26 0.00	18.04 -0.43 0.00	16.93 -0.42 0.00	16.99 -0.45 0.00	27.99 -0.66 0.00	312.31 -4.87 -0.27	28.92 -0.21 0.00	21.87 -0.09 0.00	35.71 -0.02 0.00	31.08 -0.34 0.00	38.60 -0.81 0.00	28.41 -0.72 0.00	26.82 -0.86 0.00	25.86 -0.76 0.00	19.37 -0.43 0.00	28.56 -0.38 0.00	38.24 -0.28 0.00	44.25 -0.40 0.00	30.24 -0.31 0.00	23.91 -0.36 0.00	24.56 -0.52 0.00	21.82 -0.34 0.00
MAPLE_RIDGE_WT_2 323611	21.16 -0.33 0.00	21.36 -0.28 0.00	17.73 -0.26 0.00	18.04 -0.43 0.00	16.93 -0.42 0.00	16.99 -0.45 0.00	27.99 -0.66 0.00	312.31 -4.87 -0.27	28.92 -0.21 0.00	21.87 -0.09 0.00	35.71 -0.02 0.00	31.08 -0.34 0.00	38.60 -0.81 0.00	28.41 -0.72 0.00	26.82 -0.86 0.00	25.86 -0.76 0.00	19.37 -0.43 0.00	28.56 -0.38 0.00	38.24 -0.28 0.00	44.25 -0.40 0.00	30.24 -0.31 0.00	23.91 -0.36 0.00	24.56 -0.52 0.00	21.82 -0.34 0.00
MARBLE_RIVER_WT_PWR 323696	21.73 0.24 0.00	21.82 0.18 0.00	18.24 0.24 0.00	18.61 0.14 0.00	17.38 0.03 0.00	17.49 0.06 0.00	28.56 -0.10 0.00	314.84 -2.25 -0.18	29.10 -0.02 0.00	21.91 -0.05 0.00	35.74 0.01 0.00	31.61 0.19 0.00	39.91 0.50 0.00	29.44 0.31 0.00	28.44 0.76 0.00	27.53 0.91 0.00	20.35 0.55 0.00	29.84 0.89 0.00	39.61 1.10 0.00	45.05 0.41 0.00	30.99 0.44 0.00	24.53 0.26 0.00	25.16 0.09 0.00	22.33 0.17 0.00
MARSHVLE_115KV_TB1 80742	22.27 0.78 0.00	22.41 0.77 0.00	18.61 0.62 0.00	19.12 0.65 0.00	17.87 0.52 0.00	17.95 0.51 0.00	29.68 1.02 0.00	325.65 8.64 -0.11	36.71 0.86 -6.73	39.22 0.68 -16.58	37.10 1.37 0.00	32.26 0.84 0.00	40.56 1.15 0.00	30.12 0.98 0.00	28.55 0.87 0.00	27.85 0.62 -0.61	59.16 0.52 -38.84	40.66 0.90 -10.82	41.32 1.20 -1.60	46.06 1.42 0.00	31.94 0.96 -0.42	30.48 0.79 -5.42	25.79 0.72 0.00	22.92 0.76 0.00
MARSH_HILL_WT_PWR 323713	20.66 -0.83 0.00	21.23 -0.41 0.00	17.47 -0.52 0.00	18.08 -0.39 0.00	17.16 -0.19 0.00	17.02 -0.42 0.00	33.96 -0.63 -5.93	315.20 -4.65 -2.95	66.92 -0.45 -38.24	43.38 -0.30 -21.71	38.36 -0.53 -3.16	32.62 -0.73 -1.93	43.24 -0.11 -3.94	31.37 0.03 -2.21	28.02 -0.46 -0.80	25.95 -0.69 -0.03	20.69 -0.66 -1.55	28.75 -0.62 -0.43	38.60 0.02 -0.06	44.83 0.19 0.00	30.22 -0.35 -0.02	24.01 -0.48 -0.22	24.51 -0.56 0.00	22.11 -0.05 0.00
MCINTYRE_115KV_TB2 80467	21.86 0.37 0.00	21.95 0.31 0.00	18.27 0.27 0.00	18.78 0.31 0.00	17.50 0.15 0.00	17.57 0.13 0.00	28.84 0.19 0.00	322.02 4.75 -0.36	29.59 0.47 0.00	22.30 0.33 0.00	36.31 0.58 0.00	31.86 0.44 0.00	39.96 0.55 0.00	29.57 0.44 0.00	28.13 0.45 0.00	27.10 0.48 0.00	20.11 0.31 0.00	29.50 0.55 0.00	39.01 0.49 0.00	45.11 0.47 0.00	30.89 0.34 0.00	24.48 0.21 0.00	25.23 0.15 0.00	22.34 0.18 0.00
MECO____69_KV_BK1 80468	22.63 1.14 0.00	22.76 1.12 0.00	18.89 0.89 0.00	19.39 0.92 0.00	18.22 0.87 0.00	18.47 1.03 0.00	30.71 2.05 0.00	339.34 22.33 -0.11	37.77 1.91 -6.73	39.59 1.04 -16.58	37.09 1.36 0.00	31.63 0.21 0.00	40.83 1.42 0.00	30.13 1.00 0.00	28.06 0.39 0.00	27.82 0.59 -0.61	59.61 0.97 -38.84	41.43 1.66 -10.82	42.61 2.49 -1.60	47.48 2.84 0.00	32.91 1.93 -0.42	31.37 1.68 -5.42	26.67 1.59 0.00	23.50 1.34 0.00
MENANDS_115KV_TB5 355628	21.82 0.33 0.00	21.94 0.30 0.00	18.26 0.26 0.00	18.70 0.23 0.00	17.71 0.36 0.00	17.82 0.38 0.00	29.44 0.78 0.00	327.93 10.92 -0.11	36.56 0.89 -6.54	40.35 0.65 -17.74	36.63 0.90 0.00	32.19 0.77 0.00	40.30 0.88 0.00	29.78 0.64 0.00	28.43 0.75 0.00	28.06 0.85 -0.60	58.22 0.68 -37.75	40.51 1.05 -10.51	41.44 1.37 -1.56	46.24 1.60 0.00	32.00 1.04 -0.41	30.28 0.74 -5.27	25.76 0.69 0.00	22.58 0.41 0.00
MG INDUSTRY___DRP 24185	21.96 0.47 0.00	22.11 0.47 0.00	18.39 0.39 0.00	18.84 0.37 0.00	17.84 0.49 0.00	17.95 0.51 0.00	29.64 0.98 0.00	328.14 11.13 -0.11	36.54 0.91 -6.51	39.87 0.67 -17.24	36.68 0.96 0.00	32.27 0.85 0.00	40.39 0.98 0.00	29.83 0.70 0.00	28.45 0.78 0.00	28.06 0.85 -0.59	58.00 0.66 -37.54	40.40 1.00 -10.45	41.36 1.30 -1.55	46.16 1.52 0.00	31.98 1.02 -0.41	30.27 0.76 -5.24	25.80 0.73 0.00	22.63 0.47 0.00
MID___OSWEGATCHIE_HYD 23849	21.61 0.11 0.00	21.68 0.04 0.00	17.85 -0.15 0.00	18.26 -0.20 0.00	17.07 -0.27 0.00	17.17 -0.27 0.00	29.65 -0.40 -1.39	314.44 -3.26 -0.79	28.98 -0.15 0.00	21.87 -0.09 0.00	35.52 -0.20 0.00	31.13 -0.29 0.00	38.92 -0.49 0.00	28.65 -0.48 0.00	27.15 -0.53 0.00	26.16 -0.46 0.00	19.47 -0.33 0.00	28.75 -0.20 0.00	38.51 0.00 0.00	44.61 -0.03 0.00	30.38 -0.17 0.00	24.01 -0.26 0.00	24.64 -0.43 0.00	21.86 -0.29 0.00
MID___RAQUETTE_HYD 23851	21.58 0.09 0.00	21.67 0.03 0.00	18.01 0.01 0.00	18.48 0.01 0.00	17.23 -0.12 0.00	17.30 -0.14 0.00	28.33 -0.33 0.00	312.64 -4.71 -0.45	28.77 -0.35 0.00	21.69 -0.27 0.00	35.31 -0.41 0.00	31.05 -0.37 0.00	38.95 -0.46 0.00	28.77 -0.36 0.00	27.38 -0.30 0.00	26.37 -0.24 0.00	19.59 -0.21 0.00	28.79 -0.16 0.00	38.45 -0.06 0.00	44.41 -0.24 0.00	30.39 -0.16 0.00	24.11 -0.16 0.00	24.82 -0.25 0.00	22.01 -0.15 0.00
MILLIKEN___1 23584	21.64 0.15 0.00	21.83 0.19 0.00	18.08 0.08 0.00	18.62 0.15 0.00	17.50 0.15 0.00	17.64 0.20 0.00	37.30 0.57 -8.07	331.12 11.24 -2.97	82.25 0.81 -52.32	52.41 0.29 -30.15	40.49 0.37 -4.40	34.39 0.28 -2.69	45.53 0.64 -5.47	32.68 0.48 -3.07	29.03 0.25 -1.10	26.74 0.10 -0.03	21.67 0.11 -1.77	29.71 0.28 -0.49	39.15 0.57 -0.07	45.40 0.76 0.00	30.99 0.42 -0.02	24.79 0.28 -0.25	25.36 0.29 0.00	22.50 0.34 0.00
MILLIKEN___2 23585	21.64 0.15 0.00	21.83 0.19 0.00	18.08 0.08 0.00	18.62 0.15 0.00	17.50 0.15 0.00	17.64 0.20 0.00	37.30 0.57 -8.07	331.12 11.24 -2.97	82.25 0.81 -52.32	52.41 0.29 -30.15	40.49 0.37 -4.40	34.39 0.28 -2.69	45.53 0.64 -5.47	32.68 0.48 -3.07	29.03 0.25 -1.10	26.74 0.10 -0.03	21.67 0.11 -1.77	29.71 0.28 -0.49	39.15 0.57 -0.07	45.40 0.76 0.00	30.99 0.42 -0.02	24.79 0.28 -0.25	25.36 0.29 0.00	22.50 0.34 0.00
MILLIKEN___DIESEL 23629	21.64 0.15 0.00	21.83 0.19 0.00	18.08 0.08 0.00	18.62 0.15 0.00	17.50 0.15 0.00	17.64 0.20 0.00	37.30 0.57 -8.07	331.12 11.24 -2.97	82.25 0.81 -52.32	52.41 0.29 -30.15	40.49 0.37 -4.40	34.39 0.28 -2.69	45.53 0.64 -5.47	32.68 0.48 -3.07	29.03 0.25 -1.10	26.74 0.10 -0.03	21.67 0.11 -1.77	29.71 0.28 -0.49	39.15 0.57 -0.07	45.40 0.76 0.00	30.99 0.42 -0.02	24.79 0.28 -0.25	25.36 0.29 0.00	22.50 0.34 0.00

MILLSEAT___LFGE 323607	20.75 -0.75 0.00	21.08 -0.56 0.00	17.48 -0.52 0.00	18.12 -0.35 0.00	17.02 -0.33 0.00	17.16 -0.28 0.00	32.61 -0.39 -4.34	313.18 -6.77 -3.05	56.38 -0.65 -27.91	37.68 -0.19 -15.91	37.66 -0.39 -2.32	32.54 -0.30 -1.42	42.16 -0.14 -2.89	30.71 -0.04 -1.62	27.83 -0.43 -0.58	25.88 -0.76 -0.02	20.26 -0.61 -1.08	28.35 -0.90 -0.30	37.52 -1.04 -0.04	43.81 -0.83 0.00	29.83 -0.73 -0.01	23.76 -0.67 -0.15	24.63 -0.44 0.00	21.83 -0.33 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	22.53 1.04 0.00	22.64 1.00 0.00	18.82 0.82 0.00	19.28 0.81 0.00	18.24 0.90 0.00	18.41 0.97 0.00	30.51 1.85 0.00	337.82 20.79 -0.12	36.11 1.94 -5.05	73.25 1.48 -49.81	38.05 2.32 0.00	33.53 2.11 0.00	41.87 2.46 0.00	30.91 1.78 0.00	29.53 1.85 0.00	28.99 1.91 -0.46	50.31 1.39 -29.12	39.11 2.05 -8.11	42.34 2.63 -1.20	47.74 3.10 0.00	32.94 2.07 -0.32	29.90 1.56 -4.06	26.69 1.62 0.00	23.33 1.17 0.00
MILLWOOD_13_KV_LOAD 356217	22.58 1.09 0.00	22.69 1.05 0.00	18.86 0.86 0.00	19.32 0.85 0.00	18.28 0.93 0.00	18.45 1.01 0.00	30.58 1.93 0.00	338.72 21.70 -0.12	36.20 2.03 -5.05	73.31 1.54 -49.81	38.15 2.42 0.00	33.62 2.20 0.00	41.96 2.55 0.00	30.99 1.86 0.00	29.60 1.93 0.00	29.05 1.98 -0.46	50.36 1.44 -29.12	39.19 2.13 -8.11	42.46 2.74 -1.20	47.87 3.23 0.00	33.03 2.16 -0.32	29.97 1.63 -4.06	26.76 1.69 0.00	23.38 1.22 0.00
MODEL_CITY_ENERGY 24167	20.07 -1.42 0.00	20.44 -1.20 0.00	16.95 -1.05 0.00	17.61 -0.86 0.00	16.53 -0.82 0.00	16.64 -0.79 0.00	31.79 -1.36 -4.49	300.67 -19.26 -3.03	56.26 -1.80 -28.94	37.42 -1.01 -16.47	36.42 -1.70 -2.40	31.44 -1.45 -1.47	40.85 -1.56 -2.99	29.76 -1.05 -1.68	26.90 -1.38 -0.60	24.96 -1.68 -0.02	19.64 -1.30 -1.14	27.31 -1.96 -0.32	36.05 -2.52 -0.05	42.13 -2.52 0.00	28.72 -1.85 -0.01	22.90 -1.53 -0.16	23.83 -1.24 0.00	21.16 -1.00 0.00
MODERN_LFGE___ 323580	20.07 -1.42 0.00	20.44 -1.20 0.00	16.95 -1.05 0.00	17.61 -0.86 0.00	16.53 -0.82 0.00	16.64 -0.79 0.00	31.79 -1.36 -4.49	300.67 -19.26 -3.03	56.26 -1.80 -28.94	37.42 -1.01 -16.47	36.42 -1.70 -2.40	31.44 -1.45 -1.47	40.85 -1.56 -2.99	29.76 -1.05 -1.68	26.90 -1.38 -0.60	24.96 -1.68 -0.02	19.64 -1.30 -1.14	27.31 -1.96 -0.32	36.05 -2.52 -0.05	42.13 -2.52 0.00	28.72 -1.85 -0.01	22.90 -1.53 -0.16	23.83 -1.24 0.00	21.16 -1.00 0.00
MOHAWK_PAPER___DRP 24187	21.93 0.44 0.00	22.05 0.41 0.00	18.35 0.35 0.00	18.80 0.33 0.00	17.79 0.45 0.00	17.91 0.47 0.00	29.60 0.94 0.00	329.82 12.81 -0.11	36.73 1.05 -6.55	40.44 0.76 -17.71	36.83 1.10 0.00	32.34 0.92 0.00	40.48 1.07 0.00	29.94 0.81 0.00	28.57 0.90 0.00	28.19 0.97 -0.60	58.38 0.79 -37.80	40.70 1.22 -10.53	41.68 1.88 -1.56	46.52 1.23 0.00	32.19 0.89 -0.41	30.43 0.83 -5.27	25.90 0.83 0.00	22.69 0.54 0.00
MOHICAN___35_KV_115KV_LD 80490	22.56 1.07 0.00	22.67 1.03 0.00	18.86 0.86 0.00	19.33 0.86 0.00	18.28 0.93 0.00	18.49 1.06 0.00	30.49 1.84 0.00	341.13 24.12 -0.11	37.88 2.06 -6.69	40.34 1.45 -16.93	37.86 2.14 0.00	33.14 1.72 0.00	41.68 2.27 0.00	30.78 1.65 0.00	29.40 1.72 0.00	29.04 1.82 -0.61	59.87 1.46 -38.61	41.99 2.29 -10.75	43.26 3.16 -1.59	48.28 3.64 0.00	33.35 2.38 -0.42	31.41 1.75 -5.39	26.67 1.60 0.00	23.22 1.05 0.00
MONGAUP___HYD 23641	22.55 1.06 0.00	22.64 1.00 0.00	18.80 0.81 0.00	19.28 0.82 0.00	18.22 0.87 0.00	18.37 0.94 0.00	30.44 1.78 0.00	337.19 20.17 -0.12	35.18 1.76 -4.29	-25.57 1.23 48.77	37.34 1.62 0.00	32.85 1.43 0.00	41.35 1.93 0.00	29.98 0.85 0.00	28.60 0.92 0.00	28.09 1.08 -0.39	45.37 0.82 -24.75	37.17 1.34 -6.89	41.40 1.86 -1.02	46.87 2.23 0.00	32.32 1.50 -0.27	28.90 1.17 -3.45	26.45 1.38 0.00	23.23 1.07 0.00
MONTAUK___DIESEL 23721	23.53 2.04 0.00	23.69 2.05 0.00	19.66 1.67 0.00	20.16 1.69 0.00	19.16 1.82 0.00	19.40 1.96 0.00	32.05 3.39 0.00	350.94 33.92 -0.12	37.60 3.34 -5.14	72.29 2.79 -47.54	39.24 3.51 0.00	34.80 3.38 0.00	43.75 4.33 0.00	32.62 3.49 0.00	31.77 4.10 0.00	31.29 4.20 -0.47	52.62 3.19 -29.63	41.57 4.37 -8.25	45.24 5.50 -1.22	50.75 6.11 0.00	35.23 4.36 -0.32	31.42 3.01 -4.13	28.22 3.15 0.00	24.57 2.40 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	20.85 -0.64 0.00	21.05 -0.59 0.00	17.40 -0.60 0.00	18.11 -0.36 0.00	17.08 -0.26 0.00	17.19 -0.25 0.00	33.58 -0.06 -4.99	319.76 -0.13 -2.99	61.27 -0.02 -32.17	40.27 0.04 -18.27	38.41 0.02 -2.66	33.17 0.12 -1.63	43.25 0.52 -3.32	31.07 0.07 -1.86	27.92 -0.42 -0.67	25.95 -0.69 -0.02	20.87 -0.24 -1.31	29.10 -0.21 -0.37	38.34 -0.23 -0.05	44.46 -0.18 0.00	30.09 -0.47 -0.01	23.88 -0.58 -0.18	24.86 -0.21 0.00	21.82 -0.33 0.00
MORTIMER_115KV_TB3 55949	20.96 -0.53 0.00	21.21 -0.43 0.00	17.59 -0.40 0.00	18.15 -0.32 0.00	17.04 -0.30 0.00	17.17 -0.27 0.00	32.25 -0.33 -3.93	316.05 -3.95 -3.09	53.85 -0.37 -25.10	36.19 -0.18 -14.41	37.60 -0.23 -2.10	32.46 -0.24 -1.28	41.91 -0.12 -2.61	30.52 -0.08 -1.47	27.87 -0.33 -0.53	26.10 -0.52 -0.01	20.29 -0.39 -0.89	28.63 -0.56 -0.25	37.92 -0.64 -0.04	44.10 -0.54 0.00	30.08 -0.48 -0.01	23.94 -0.45 -0.13	24.72 -0.36 0.00	21.88 -0.28 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	22.63 1.14 0.00	22.74 1.10 0.00	18.91 0.91 0.00	19.37 0.90 0.00	18.33 0.98 0.00	18.51 1.07 0.00	30.71 2.06 0.00	339.83 22.81 -0.12	36.39 2.13 -5.13	71.24 1.63 -47.64	38.35 2.62 0.00	33.81 2.39 0.00	42.17 2.76 0.00	31.13 1.99 0.00	29.74 2.06 0.00	29.22 2.14 -0.47	50.93 1.52 -29.61	39.42 2.23 -8.24	42.56 2.82 -1.22	47.98 3.33 0.00	33.09 2.22 -0.32	30.11 1.71 -4.13	26.85 1.78 0.00	23.46 1.30 0.00
MUNSVILLE_WIND_PWR 323609	22.42 0.92 0.00	22.58 0.94 0.00	18.72 0.72 0.00	19.29 0.82 0.00	18.16 0.81 0.00	18.39 0.95 0.00	36.87 2.00 -6.21	347.06 27.86 -2.29	71.94 2.12 -40.69	46.09 1.48 -22.65	41.04 2.01 -3.30	35.14 1.70 -2.02	46.24 2.72 -4.11	33.39 1.95 -2.31	30.26 1.75 -0.83	28.34 1.63 -0.08	26.44 1.30 -5.35	32.58 2.14 -1.49	41.91 3.18 -0.22	48.36 3.72 0.00	32.95 2.34 -0.06	26.63 1.61 -0.75	26.62 1.54 0.00	23.42 1.26 0.00
N SALMON___HYD 24042	21.82 0.33 0.00	21.90 0.26 0.00	18.27 0.27 0.00	18.68 0.21 0.00	17.43 0.09 0.00	17.55 0.11 0.00	28.72 0.06 0.00	316.86 -0.31 -0.27	29.25 0.13 0.00	22.03 0.07 0.00	35.89 0.17 0.00	31.70 0.27 0.00	39.94 0.53 0.00	29.51 0.37 0.00	28.37 0.70 0.00	27.42 0.80 0.00	20.29 0.50 0.00	29.82 0.87 0.00	39.67 1.15 0.00	45.34 0.70 0.00	31.17 0.62 0.00	24.66 0.38 0.00	25.30 0.23 0.00	22.44 0.28 0.00
N.AKRON___115KV_KNAPP 355671	20.63 -0.87 0.00	20.97 -0.68 0.00	17.39 -0.61 0.00	18.04 -0.42 0.00	16.93 -0.41 0.00	17.07 -0.37 0.00	32.47 -0.57 -4.38	310.73 -9.22 -3.04	56.48 -0.82 -28.18	37.59 -0.42 -16.06	37.44 -0.62 -2.34	32.34 -0.51 -1.43	41.88 -0.45 -2.91	30.50 -0.27 -1.64	27.64 -0.62 -0.59	25.70 -0.94 -0.02	20.16 -0.73 -1.09	28.16 -1.09 -0.30	37.27 -1.29 -0.04	43.53 -1.12 0.00	29.63 -0.93 -0.01	23.61 -0.81 -0.15	24.52 -0.55 0.00	21.72 -0.44 0.00

N.BELMOR_69_KV_BK1 55787	22.75 1.26 0.00	22.88 1.24 0.00	19.00 1.00 0.00	19.46 0.99 0.00	18.45 1.10 0.00	18.64 1.21 0.00	30.71 2.06 0.00	337.63 20.61 -0.12	36.40 2.15 -5.14	71.16 1.66 -47.54	38.13 2.40 0.00	33.80 2.38 0.00	42.17 2.76 0.00	31.37 2.23 0.00	30.12 2.44 0.00	29.53 2.44 -0.47	51.18 1.76 -29.63	39.63 2.43 -8.25	42.74 3.00 -1.22	48.05 3.41 0.00	33.34 2.47 -0.32	30.33 1.93 -4.13	27.11 2.04 0.00	23.70 1.53 -0.01
N.E_GEN_SANDY PD 24062	22.31 0.67 -0.15	22.29 0.65 0.00	18.54 0.54 0.00	18.99 0.52 0.00	17.99 0.65 0.00	18.29 0.69 -0.16	30.88 1.25 -0.98	332.10 15.33 0.14	37.25 1.40 -6.73	50.68 1.02 -27.70	37.22 1.52 0.02	32.76 1.34 0.00	40.94 1.53 0.00	29.22 1.09 1.00	29.26 1.19 -0.39	29.37 1.29 -1.46	54.95 0.99 -34.17	39.98 1.52 -9.51	40.43 1.96 0.05	45.21 2.30 1.73	32.46 1.54 -0.37	30.16 1.12 -4.77	26.18 1.11 0.00	22.90 0.74 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	22.53 1.04 0.00	22.64 1.00 0.00	18.81 0.82 0.00	19.28 0.82 0.00	18.24 0.90 0.00	18.40 0.96 0.00	30.48 1.82 0.00	337.63 20.61 -0.12	35.76 1.92 -4.72	-40.50 1.46 63.93	37.98 2.26 0.00	33.51 2.09 0.00	41.87 2.46 0.00	30.91 1.78 0.00	29.51 1.83 0.00	28.92 1.87 -0.43	48.40 1.35 -27.25	38.57 2.04 -7.59	42.25 2.61 -1.12	47.70 3.05 0.00	32.89 2.04 -0.30	29.63 1.56 -3.80	26.69 1.62 0.00	23.33 1.16 0.00
N.QUEENS_27_KV_LOAD 356247	22.61 1.12 0.00	22.70 1.06 0.00	18.90 0.90 0.00	19.32 0.86 0.00	18.31 0.96 0.00	18.49 1.05 0.00	30.67 2.01 0.00	339.48 22.45 -0.12	36.35 2.10 -5.13	71.17 1.56 -47.65	38.51 2.79 0.00	33.91 2.49 0.00	42.18 2.77 0.00	31.07 1.94 0.00	29.71 2.03 0.00	29.20 2.12 -0.47	50.90 1.50 -29.61	39.40 2.22 -8.23	42.58 2.85 -1.21	47.99 3.36 0.01	33.15 2.28 -0.31	30.12 1.72 -4.13	26.88 1.80 0.00	23.49 1.33 0.00
N.TROY___115KV_TB1 355778	22.10 0.61 0.00	22.23 0.59 0.00	18.49 0.49 0.00	18.94 0.47 0.00	17.93 0.58 0.00	18.06 0.63 0.00	29.77 1.12 0.00	331.54 14.53 -0.11	36.98 1.24 -6.62	40.41 0.89 -17.55	37.04 1.32 0.00	32.53 1.11 0.00	40.78 1.37 0.00	30.12 0.99 0.00	28.73 1.05 0.00	28.35 1.13 -0.60	58.86 0.89 -38.17	40.95 1.37 -10.63	41.90 1.81 -1.57	46.75 2.10 0.00	32.40 1.43 -0.42	30.65 1.05 -5.32	26.06 0.99 0.00	22.84 0.68 0.00
NARROWS_GT1_1 24228	22.70 1.21 0.00	22.80 1.16 0.00	18.96 0.96 0.00	19.41 0.94 0.00	18.37 1.03 0.00	18.56 1.12 0.00	30.82 2.16 0.00	341.04 24.01 -0.12	36.50 2.24 -5.14	71.23 1.62 -47.65	38.50 2.78 0.00	33.98 2.55 -0.01	43.41 2.94 -1.06	31.26 2.13 -0.01	29.88 2.20 -0.01	29.35 2.26 -0.47	51.01 1.60 -29.61	39.54 2.35 -8.25	42.72 2.98 -1.22	48.19 3.55 0.00	33.29 2.41 -0.32	30.29 1.88 -4.13	27.03 1.96 0.00	23.58 1.42 0.00
NARROWS_GT1_2 24229	22.70 1.21 0.00	22.80 1.16 0.00	18.96 0.96 0.00	19.41 0.94 0.00	18.37 1.03 0.00	18.56 1.12 0.00	30.82 2.16 0.00	341.04 24.01 -0.12	36.50 2.24 -5.14	71.23 1.62 -47.65	38.50 2.78 0.00	33.98 2.55 -0.01	43.41 2.94 -1.06	31.26 2.13 -0.01	29.88 2.20 -0.01	29.35 2.26 -0.47	51.01 1.60 -29.61	39.54 2.35 -8.25	42.72 2.98 -1.22	48.19 3.55 0.00	33.29 2.41 -0.32	30.29 1.88 -4.13	27.03 1.96 0.00	23.58 1.42 0.00
NARROWS_GT1_3 24230	22.70 1.21 0.00	22.80 1.16 0.00	18.96 0.96 0.00	19.41 0.94 0.00	18.37 1.03 0.00	18.56 1.12 0.00	30.82 2.16 0.00	341.04 24.01 -0.12	36.50 2.24 -5.14	71.23 1.62 -47.65	38.50 2.78 0.00	33.98 2.55 -0.01	43.41 2.94 -1.06	31.26 2.13 -0.01	29.88 2.20 -0.01	29.35 2.26 -0.47	51.01 1.60 -29.61	39.54 2.35 -8.25	42.72 2.98 -1.22	48.19 3.55 0.00	33.29 2.41 -0.32	30.29 1.88 -4.13	27.03 1.96 0.00	23.58 1.42 0.00
NARROWS_GT1_4 24231	22.70 1.21 0.00	22.80 1.16 0.00	18.96 0.96 0.00	19.41 0.94 0.00	18.37 1.03 0.00	18.56 1.12 0.00	30.82 2.16 0.00	341.04 24.01 -0.12	36.50 2.24 -5.14	71.23 1.62 -47.65	38.50 2.78 0.00	33.98 2.55 -0.01	43.41 2.94 -1.06	31.26 2.13 -0.01	29.88 2.20 -0.01	29.35 2.26 -0.47	51.01 1.60 -29.61	39.54 2.35 -8.25	42.72 2.98 -1.22	48.19 3.55 0.00	33.29 2.41 -0.32	30.29 1.88 -4.13	27.03 1.96 0.00	23.58 1.42 0.00
NARROWS_GT1_5 24232	22.70 1.21 0.00	22.80 1.16 0.00	18.96 0.96 0.00	19.41 0.94 0.00	18.37 1.03 0.00	18.56 1.12 0.00	30.82 2.16 0.00	341.04 24.01 -0.12	36.50 2.24 -5.14	71.23 1.62 -47.65	38.50 2.78 0.00	33.98 2.55 -0.01	43.41 2.94 -1.06	31.26 2.13 -0.01	29.88 2.20 -0.01	29.35 2.26 -0.47	51.01 1.60 -29.61	39.54 2.35 -8.25	42.72 2.98 -1.22	48.19 3.55 0.00	33.29 2.41 -0.32	30.29 1.88 -4.13	27.03 1.96 0.00	23.58 1.42 0.00
NARROWS_GT1_6 24233	22.70 1.21 0.00	22.80 1.16 0.00	18.96 0.96 0.00	19.41 0.94 0.00	18.37 1.03 0.00	18.56 1.12 0.00	30.82 2.16 0.00	341.04 24.01 -0.12	36.50 2.24 -5.14	71.23 1.62 -47.65	38.50 2.78 0.00	33.98 2.55 -0.01	43.41 2.94 -1.06	31.26 2.13 -0.01	29.88 2.20 -0.01	29.35 2.26 -0.47	51.01 1.60 -29.61	39.54 2.35 -8.25	42.72 2.98 -1.22	48.19 3.55 0.00	33.29 2.41 -0.32	30.29 1.88 -4.13	27.03 1.96 0.00	23.58 1.42 0.00
NARROWS_GT1_7 24234	22.70 1.21 0.00	22.80 1.16 0.00	18.96 0.96 0.00	19.41 0.94 0.00	18.37 1.03 0.00	18.56 1.12 0.00	30.82 2.16 0.00	341.04 24.01 -0.12	36.50 2.24 -5.14	71.23 1.62 -47.65	38.50 2.78 0.00	33.98 2.55 -0.01	43.41 2.94 -1.06	31.26 2.13 -0.01	29.88 2.20 -0.01	29.35 2.26 -0.47	51.01 1.60 -29.61	39.54 2.35 -8.25	42.72 2.98 -1.22	48.19 3.55 0.00	33.29 2.41 -0.32	30.29 1.88 -4.13	27.03 1.96 0.00	23.58 1.42 0.00
NARROWS_GT1_8 24235	22.70 1.21 0.00	22.80 1.16 0.00	18.96 0.96 0.00	19.41 0.94 0.00	18.37 1.03 0.00	18.56 1.12 0.00	30.82 2.16 0.00	341.04 24.01 -0.12	36.50 2.24 -5.14	71.23 1.62 -47.65	38.50 2.78 0.00	33.98 2.55 -0.01	43.41 2.94 -1.06	31.26 2.13 -0.01	29.88 2.20 -0.01	29.35 2.26 -0.47	51.01 1.60 -29.61	39.54 2.35 -8.25	42.72 2.98 -1.22	48.19 3.55 0.00	33.29 2.41 -0.32	30.29 1.88 -4.13	27.03 1.96 0.00	23.58 1.42 0.00
NARROWS_GT2_1 24236	22.70 1.21 0.00	22.80 1.16 0.00	18.96 0.96 0.00	19.41 0.94 0.00	18.37 1.03 0.00	18.56 1.12 0.00	30.82 2.16 0.00	341.04 24.01 -0.12	36.50 2.24 -5.14	71.23 1.62 -47.65	38.50 2.78 0.00	33.98 2.55 -0.01	43.41 2.94 -1.06	31.26 2.13 -0.01	29.88 2.20 -0.01	29.35 2.26 -0.47	51.01 1.60 -29.61	39.54 2.35 -8.25	42.72 2.98 -1.22	48.19 3.55 0.00	33.29 2.41 -0.32	30.29 1.88 -4.13	27.03 1.96 0.00	23.58 1.42 0.00
NARROWS_GT2_2 24237	22.70 1.21 0.00	22.80 1.16 0.00	18.96 0.96 0.00	19.41 0.94 0.00	18.37 1.03 0.00	18.56 1.12 0.00	30.82 2.16 0.00	341.04 24.01 -0.12	36.50 2.24 -5.14	71.23 1.62 -47.65	38.50 2.78 0.00	33.98 2.55 -0.01	43.41 2.94 -1.06	31.26 2.13 -0.01	29.88 2.20 -0.01	29.35 2.26 -0.47	51.01 1.60 -29.61	39.54 2.35 -8.25	42.72 2.98 -1.22	48.19 3.55 0.00	33.29 2.41 -0.32	30.29 1.88 -4.13	27.03 1.96 0.00	23.58 1.42 0.00

NARROWS_GT2_3 24238	22.70 1.21 0.00	22.80 1.16 0.00	18.96 0.96 0.00	19.41 0.94 0.00	18.37 1.03 0.00	18.56 1.12 0.00	30.82 2.16 0.00	341.04 24.01 -0.12	36.50 2.24 -5.14	71.23 1.62 -47.65	38.50 2.78 0.00	33.98 2.55 -0.01	43.41 2.94 -1.06	31.26 2.13 -0.01	29.88 2.20 -0.01	29.35 2.26 -0.47	51.01 1.60 -29.61	39.54 2.35 -8.25	42.72 2.98 -1.22	48.19 3.55 0.00	33.29 2.41 -0.32	30.29 1.88 -4.13	27.03 1.96 0.00	23.58 1.42 0.00
NARROWS_GT2_4 24239	22.70 1.21 0.00	22.80 1.16 0.00	18.96 0.96 0.00	19.41 0.94 0.00	18.37 1.03 0.00	18.56 1.12 0.00	30.82 2.16 0.00	341.04 24.01 -0.12	36.50 2.24 -5.14	71.23 1.62 -47.65	38.50 2.78 0.00	33.98 2.55 -0.01	43.41 2.94 -1.06	31.26 2.13 -0.01	29.88 2.20 -0.01	29.35 2.26 -0.47	51.01 1.60 -29.61	39.54 2.35 -8.25	42.72 2.98 -1.22	48.19 3.55 0.00	33.29 2.41 -0.32	30.29 1.88 -4.13	27.03 1.96 0.00	23.58 1.42 0.00
NARROWS_GT2_5 24240	22.70 1.21 0.00	22.80 1.16 0.00	18.96 0.96 0.00	19.41 0.94 0.00	18.37 1.03 0.00	18.56 1.12 0.00	30.82 2.16 0.00	341.04 24.01 -0.12	36.50 2.24 -5.14	71.23 1.62 -47.65	38.50 2.78 0.00	33.98 2.55 -0.01	43.41 2.94 -1.06	31.26 2.13 -0.01	29.88 2.20 -0.01	29.35 2.26 -0.47	51.01 1.60 -29.61	39.54 2.35 -8.25	42.72 2.98 -1.22	48.19 3.55 0.00	33.29 2.41 -0.32	30.29 1.88 -4.13	27.03 1.96 0.00	23.58 1.42 0.00
NARROWS_GT2_6 24241	22.70 1.21 0.00	22.80 1.16 0.00	18.96 0.96 0.00	19.41 0.94 0.00	18.37 1.03 0.00	18.56 1.12 0.00	30.82 2.16 0.00	341.04 24.01 -0.12	36.50 2.24 -5.14	71.23 1.62 -47.65	38.50 2.78 0.00	33.98 2.55 -0.01	43.41 2.94 -1.06	31.26 2.13 -0.01	29.88 2.20 -0.01	29.35 2.26 -0.47	51.01 1.60 -29.61	39.54 2.35 -8.25	42.72 2.98 -1.22	48.19 3.55 0.00	33.29 2.41 -0.32	30.29 1.88 -4.13	27.03 1.96 0.00	23.58 1.42 0.00
NARROWS_GT2_7 24242	22.70 1.21 0.00	22.80 1.16 0.00	18.96 0.96 0.00	19.41 0.94 0.00	18.37 1.03 0.00	18.56 1.12 0.00	30.82 2.16 0.00	341.04 24.01 -0.12	36.50 2.24 -5.14	71.23 1.62 -47.65	38.50 2.78 0.00	33.98 2.55 0.00	43.41 2.94 -1.06	31.26 2.13 -0.01	29.88 2.20 -0.01	29.35 2.26 -0.47	51.01 1.60 -29.61	39.54 2.35 -8.25	42.72 2.98 -1.22	48.19 3.55 0.00	33.29 2.41 -0.32	30.29 1.88 -4.13	27.03 1.96 0.00	23.58 1.42 0.00
NARROWS_GT2_8 24243	22.70 1.21 0.00	22.80 1.16 0.00	18.96 0.96 0.00	19.41 0.94 0.00	18.37 1.03 0.00	18.56 1.12 0.00	30.82 2.16 0.00	341.04 24.01 -0.12	36.50 2.24 -5.14	71.23 1.62 -47.65	38.50 2.78 0.00	33.98 2.55 -0.01	43.41 2.94 -1.06	31.26 2.13 -0.01	29.88 2.20 -0.01	29.35 2.26 -0.47	51.01 1.60 -29.61	39.54 2.35 -8.25	42.72 2.98 -1.22	48.19 3.55 0.00	33.29 2.41 -0.32	30.29 1.88 -4.13	27.03 1.96 0.00	23.58 1.42 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	22.15 0.66 0.00	22.28 0.64 0.00	18.53 0.53 0.00	18.98 0.52 0.00	17.98 0.63 0.00	18.13 0.69 0.00	30.03 1.37 0.00	335.37 18.35 -0.11	36.95 1.72 -6.11	36.56 1.21 -13.39	37.48 1.76 0.00	32.67 1.25 0.00	41.06 1.64 0.00	30.26 1.13 0.00	28.92 1.25 0.00	28.51 1.34 -0.56	56.09 1.07 -35.23	40.71 1.95 -9.81	42.72 2.75 -1.45	47.97 3.33 0.00	33.12 2.18 -0.38	30.75 1.56 -4.92	26.51 1.43 0.00	23.18 1.02 0.00
NCHELSEA_115KV_TR2 355582	22.66 1.17 0.00	22.77 1.13 0.00	18.92 0.92 0.00	19.39 0.92 0.00	18.35 1.00 0.00	18.52 1.08 0.00	30.68 2.03 0.00	340.15 23.13 -0.12	36.40 2.13 -5.14	30.32 1.60 -6.76	38.19 2.46 0.00	33.63 2.21 0.00	42.06 2.64 0.00	31.04 1.91 0.00	29.60 1.92 0.00	29.06 1.97 -0.47	50.95 1.47 -29.69	39.45 2.24 -8.26	42.67 2.93 -1.22	48.10 3.45 0.00	33.18 2.30 -0.32	30.15 1.73 -4.14	26.84 1.77 0.00	23.46 1.30 0.00
NEG CAPITAL___MECHNVIL 23645	22.40 0.91 0.00	22.52 0.88 0.00	18.72 0.73 0.00	19.19 0.72 0.00	18.15 0.80 0.00	18.32 0.88 0.00	30.27 1.61 0.00	337.05 20.04 -0.11	37.56 1.76 -6.67	40.31 1.24 -17.11	37.64 1.91 0.00	32.99 1.57 0.00	41.42 2.01 0.00	30.60 1.47 0.00	29.18 1.51 0.00	28.79 1.57 -0.61	59.53 1.24 -38.49	41.57 1.91 -10.72	42.69 2.59 -1.59	47.64 2.99 0.00	32.96 1.99 -0.42	31.10 1.46 -5.37	26.46 1.39 0.00	23.14 0.98 0.00
NEG CENTRAL_HIGH_ACRES 23767	20.70 -0.79 0.00	20.91 -0.73 0.00	17.35 -0.65 0.00	17.89 -0.58 0.00	16.81 -0.54 0.00	16.94 -0.50 0.00	33.37 -0.67 -5.39	313.89 -6.16 -3.15	62.45 -0.65 -33.98	41.31 -0.44 -19.78	37.87 -0.73 -2.88	32.53 -0.65 -1.76	42.36 -0.64 -3.59	30.66 -0.49 -2.02	27.69 -0.71 -0.72	25.74 -0.89 -0.01	20.03 -0.65 -0.89	28.27 -0.93 -0.25	37.45 -1.11 -0.04	43.53 -1.11 0.00	29.68 -0.88 -0.01	23.65 -0.74 -0.12	24.36 -0.71 0.00	21.60 -0.56 0.00
NEG CENTRAL___DRP 24199	21.29 -0.20 0.00	21.49 -0.15 0.00	17.81 -0.19 0.00	18.35 -0.12 0.00	17.25 -0.09 0.00	17.37 -0.07 0.00	36.25 0.11 -7.48	327.33 7.21 -3.21	76.34 0.40 -46.81	49.40 0.00 -27.44	39.74 0.01 -4.00	33.85 -0.02 -2.44	44.60 0.21 -4.98	32.04 0.11 -2.80	28.58 -0.10 -1.01	26.39 -0.24 -0.02	20.63 -0.15 -0.98	29.05 -0.17 -0.27	38.47 -0.09 -0.04	44.65 0.01 0.00	30.46 -0.10 -0.01	24.29 -0.12 -0.14	24.97 -0.10 0.00	22.24 0.07 0.00
NEG CENTRAL___INDECK 23768	21.38 -0.11 0.00	21.71 0.07 0.00	17.98 -0.02 0.00	18.57 0.10 0.00	17.50 0.15 0.00	17.62 0.18 0.00	34.25 0.48 -5.11	326.56 6.64 -3.01	62.51 0.52 -32.87	41.11 0.43 -18.72	39.18 0.73 -2.73	33.53 0.44 -1.67	43.69 0.88 -3.40	31.72 0.68 -1.91	28.64 0.28 -0.69	26.64 0.00 -0.02	21.04 -0.03 -1.28	29.47 0.16 -0.36	39.32 0.75 -0.05	45.81 1.16 0.00	31.08 0.51 -0.01	24.72 0.27 -0.18	25.38 0.31 0.00	22.55 0.39 0.00
NEG CENTRAL___SENECA 23627	21.30 -0.19 0.00	21.52 -0.12 0.00	17.83 -0.17 0.00	18.39 -0.08 0.00	17.29 -0.06 0.00	17.42 -0.02 0.00	34.85 0.18 -6.02	325.71 5.70 -3.11	67.56 0.36 -38.07	44.07 0.05 -22.05	39.01 0.07 -3.21	33.45 0.06 -1.96	43.76 0.35 -4.00	31.63 0.25 -2.25	28.46 -0.03 -0.81	26.45 -0.18 -0.02	20.73 -0.16 -1.09	29.06 -0.18 -0.30	38.57 0.01 -0.04	44.79 0.15 0.00	30.52 -0.04 -0.01	24.37 -0.06 -0.15	25.04 -0.03 0.00	22.21 0.05 0.00
NEG CENTRAL___STATE_STREET 24147	21.51 0.02 0.00	21.70 0.06 0.00	17.97 -0.03 0.00	18.52 0.05 0.00	17.40 0.05 0.00	17.54 0.10 0.00	37.87 0.39 -8.82	331.35 11.18 -3.26	84.94 0.73 -55.09	54.61 0.20 -32.45	40.93 0.47 -4.73	34.52 0.21 -2.89	45.80 0.50 -5.89	32.73 0.29 -3.31	29.06 0.19 -1.19	26.71 0.07 -0.02	20.94 0.14 -1.00	29.53 0.30 -0.28	39.01 0.45 -0.04	45.26 0.61 0.00	30.89 0.33 -0.01	24.47 0.06 -0.14	25.19 0.11 0.00	22.50 0.33 0.00
NEG MILLWOOD___DRP 24198	22.76 1.27 0.00	22.88 1.24 0.00	19.01 1.01 0.00	19.48 1.01 0.00	18.44 1.09 0.00	18.62 1.18 0.00	30.89 2.24 0.00	342.76 25.74 -0.12	36.75 2.36 -5.26	39.82 1.78 -16.08	38.47 2.74 0.00	33.89 2.47 0.00	42.32 2.91 0.00	31.25 2.12 0.00	29.71 2.04 0.00	29.19 2.10 -0.48	51.76 1.55 -30.42	39.75 2.33 -8.47	42.82 3.05 -1.25	48.26 3.62 0.00	33.29 2.40 -0.33	30.32 1.80 -4.24	26.92 1.85 0.00	23.51 1.35 0.00



NEG NORTH_FLCN_SEA 23793	22.03 0.54 0.00	22.12 0.48 0.00	18.46 0.47 0.00	18.84 0.37 0.00	17.61 0.26 0.00	17.74 0.30 0.00	28.92 0.26 0.00	319.27 2.18 -0.19	29.49 0.37 0.00	22.18 0.22 0.00	36.23 0.50 0.00	32.05 0.63 0.00	40.46 1.05 0.00	29.82 0.69 0.00	28.84 1.17 0.00	27.95 1.34 0.00	20.66 0.86 0.00	30.26 1.32 0.00	40.21 1.70 0.00	45.65 1.01 0.00	31.36 0.81 0.00	24.84 0.57 0.00	25.45 0.38 0.00	22.54 0.38 0.00
NEG NORTH_KES_CHATEGAY 23792	21.75 0.26 0.00	21.84 0.20 0.00	18.24 0.24 0.00	18.63 0.16 0.00	17.38 0.03 0.00	17.50 0.06 0.00	28.60 -0.06 0.00	314.62 -2.49 -0.21	29.12 -0.01 0.00	21.95 -0.01 0.00	35.72 -0.01 0.00	31.60 0.18 0.00	39.91 0.49 0.00	29.44 0.32 0.00	28.43 0.75 0.00	27.51 0.89 0.00	20.34 0.54 0.00	29.85 0.90 0.00	39.63 1.11 0.00	45.12 0.47 0.00	31.06 0.51 0.00	24.56 0.29 0.00	25.21 0.14 0.00	22.39 0.22 0.00
NEG NORTH___ALICE_FALLS 23915	22.05 0.56 0.00	22.14 0.50 0.00	18.48 0.48 0.00	18.85 0.39 0.00	17.62 0.27 0.00	17.76 0.32 0.00	29.01 0.35 0.00	320.47 3.37 -0.19	29.61 0.48 0.00	22.26 0.30 0.00	36.27 0.54 0.00	32.10 0.68 0.00	40.53 1.12 0.00	29.86 0.73 0.00	28.88 1.20 0.00	27.98 1.37 0.00	20.68 0.88 0.00	30.34 1.40 0.00	40.34 1.82 0.00	45.83 1.19 0.00	31.49 0.94 0.00	24.93 0.66 0.00	25.53 0.46 0.00	22.61 0.45 0.00
NEG NORTH___LWR_SARANAC 23913	22.05 0.56 0.00	22.14 0.50 0.00	18.48 0.48 0.00	18.85 0.39 0.00	17.62 0.27 0.00	17.76 0.32 0.00	29.01 0.35 0.00	320.47 3.37 -0.19	29.61 0.48 0.00	22.26 0.30 0.00	36.27 0.54 0.00	32.10 0.68 0.00	40.53 1.12 0.00	29.86 0.73 0.00	28.88 1.20 0.00	27.98 1.37 0.00	20.68 0.88 0.00	30.34 1.40 0.00	40.34 1.82 0.00	45.83 1.19 0.00	31.49 0.94 0.00	24.93 0.66 0.00	25.53 0.46 0.00	22.61 0.45 0.00
NEG NORTH___PLATTSBURG 23628	22.05 0.56 0.00	22.14 0.50 0.00	18.48 0.48 0.00	18.85 0.39 0.00	17.62 0.27 0.00	17.76 0.32 0.00	29.01 0.35 0.00	320.40 3.31 -0.19	29.61 0.48 0.00	22.25 0.29 0.00	36.27 0.54 0.00	32.10 0.68 0.00	40.53 1.12 0.00	29.86 0.72 0.00	28.88 1.20 0.00	27.98 1.37 0.00	20.68 0.89 0.00	30.34 1.40 0.00	40.34 1.82 0.00	45.83 1.19 0.00	31.49 0.94 0.00	24.93 0.66 0.00	25.53 0.46 0.00	22.61 0.45 0.00
NEG WEST_LEA_LOCKPORT 23791	20.30 -1.19 0.00	20.67 -0.97 0.00	17.14 -0.85 0.00	17.80 -0.67 0.00	16.70 -0.64 0.00	16.82 -0.62 0.00	32.08 -1.04 -4.47	304.72 -15.22 -3.03	56.49 -1.38 -28.75	37.52 -0.81 -16.37	36.85 -1.26 -2.38	31.79 -1.09 -1.46	41.28 -1.10 -2.97	30.03 -0.77 -1.67	27.17 -1.10 -0.60	25.25 -1.39 -0.02	19.84 -1.08 -1.13	27.64 -1.62 -0.32	36.55 -2.01 -0.05	42.70 -1.95 0.00	29.08 -1.49 -0.01	23.19 -1.24 -0.16	24.13 -0.94 0.00	21.39 -0.77 0.00
NEG WEST___LANCASTR 23811	21.04 -0.45 0.00	21.38 -0.26 0.00	17.71 -0.29 0.00	18.38 -0.08 0.00	17.24 -0.11 0.00	17.35 -0.09 0.00	33.57 -0.03 -4.94	319.07 -0.83 -3.00	60.84 -0.12 -31.84	40.06 0.02 -18.08	38.41 0.05 -2.63	33.08 0.05 -1.61	43.11 0.42 -3.28	31.24 0.26 -1.84	28.17 -0.17 -0.66	26.20 -0.43 -0.02	20.71 -0.39 -1.30	28.76 -0.54 -0.36	38.07 -0.50 -0.05	44.39 -0.26 0.00	30.19 -0.37 -0.01	24.05 -0.40 -0.18	24.96 -0.11 0.00	22.08 -0.08 0.00
NEG_PENN_ALLEGHNY 23528	21.37 -0.12 0.00	21.56 -0.08 0.00	17.86 -0.14 0.00	18.42 -0.05 0.00	17.29 -0.06 0.00	17.40 -0.04 0.00	36.39 0.19 -7.54	325.03 5.41 -2.71	78.50 0.28 -49.10	49.60 0.09 -27.55	39.81 0.07 -4.02	33.87 -0.01 -2.45	44.69 0.28 -5.00	32.15 0.21 -2.81	28.60 -0.09 -1.01	26.49 -0.17 -0.04	22.32 -0.20 -2.72	29.54 -0.17 -0.76	38.59 -0.04 -0.11	44.72 0.08 0.00	30.50 -0.08 -0.03	24.50 -0.15 -0.38	24.99 -0.08 0.00	22.10 -0.06 0.00
NEG___GEN_MONROE 24207	21.05 -0.44 0.00	21.30 -0.34 0.00	17.67 -0.33 0.00	18.25 -0.22 0.00	17.14 -0.21 0.00	17.31 -0.13 0.00	32.46 -0.15 -3.95	317.85 -2.14 -3.09	54.16 -0.22 -25.26	36.40 -0.05 -14.49	37.81 -0.03 -2.11	32.67 -0.04 -1.29	42.16 0.12 -2.63	30.70 0.10 -1.48	28.02 -0.19 -0.53	26.23 -0.40 -0.02	20.41 -0.29 -0.90	28.80 -0.40 -0.25	38.17 -0.38 -0.04	44.43 -0.21 0.00	30.27 -0.29 -0.01	24.08 -0.32 -0.13	24.86 -0.21 0.00	22.01 -0.15 0.00
NEPA___ENERGY 23901	20.97 -0.52 0.00	21.26 -0.38 0.00	17.56 -0.43 0.00	18.27 -0.20 0.00	17.11 -0.24 0.00	17.20 -0.24 0.00	33.53 -0.13 -5.01	319.97 0.08 -2.99	61.35 -0.07 -32.29	40.14 -0.15 -18.33	38.26 -0.13 -2.67	32.89 -0.16 -1.63	42.95 0.21 -3.33	31.08 0.08 -1.87	27.95 -0.40 -0.67	26.08 -0.56 -0.02	20.64 -0.49 -1.33	28.71 -0.60 -0.37	37.92 -0.65 -0.05	44.09 -0.55 0.00	29.99 -0.58 -0.01	23.78 -0.67 -0.18	24.72 -0.35 0.00	21.80 -0.36 0.00
NEVERSINK___HYD 23608	22.84 1.35 0.00	22.95 1.31 0.00	19.06 1.07 0.00	19.55 1.08 0.00	18.48 1.13 0.00	18.64 1.21 0.00	30.91 2.26 0.00	343.09 26.06 -0.12	35.89 2.37 -4.40	12.74 1.72 10.94	38.13 2.41 0.00	33.62 2.20 0.00	42.18 2.76 0.00	31.06 1.93 0.00	29.57 1.89 0.00	28.90 1.89 -0.40	46.60 1.43 -25.38	38.17 2.16 -7.07	42.48 2.92 -1.05	48.09 3.45 0.00	33.18 2.36 -0.28	29.74 1.93 -3.54	27.02 1.95 0.00	23.63 1.47 0.00
NEWKRMKL_115KV_TB1 55635	21.72 0.23 0.00	21.85 0.21 0.00	18.18 0.18 0.00	18.61 0.14 0.00	17.63 0.28 0.00	17.74 0.30 0.00	29.32 0.66 0.00	326.65 9.64 -0.11	36.43 0.76 -6.55	40.06 0.56 -17.54	36.48 0.76 0.00	32.06 0.64 0.00	40.15 0.73 0.00	29.68 0.55 0.00	28.32 0.65 0.00	27.94 0.73 -0.60	58.15 0.59 -37.77	40.39 0.93 -10.52	41.28 1.21 -1.56	46.04 1.40 0.00	31.87 0.91 -0.41	30.18 0.64 -5.27	25.66 0.58 0.00	22.48 0.32 0.00
NEWTON___FALLS_HYD 23847	21.61 0.11 0.00	21.68 0.04 0.00	17.85 -0.15 0.00	18.26 -0.20 0.00	17.07 -0.27 0.00	17.17 -0.27 0.00	29.65 -0.40 -1.39	314.44 -3.26 -0.79	28.98 -0.15 0.00	21.87 -0.09 0.00	35.52 -0.20 0.00	31.13 -0.29 0.00	38.92 -0.49 0.00	28.65 -0.48 0.00	27.15 -0.53 0.00	26.16 -0.46 0.00	19.47 -0.33 0.00	28.75 -0.20 0.00	38.51 0.00 0.00	44.61 -0.03 0.00	30.38 -0.17 0.00	24.01 -0.26 0.00	24.64 -0.43 0.00	21.86 -0.29 0.00
NGRID_A1_DSASP 323792	19.97 -1.52 0.00	20.34 -1.30 0.00	16.88 -1.11 0.00	17.54 -0.93 0.00	16.45 -0.89 0.00	16.56 -0.88 0.00	31.61 -1.56 -4.51	296.95 -22.98 -3.03	55.86 -2.17 -28.91	37.24 -1.25 -16.53	36.06 -2.08 -2.41	31.11 -1.78 -1.47	40.43 -1.98 -3.00	29.48 -1.33 -1.69	26.63 -1.66 -0.61	24.68 -1.96 -0.02	19.45 -1.51 -1.16	26.99 -2.28 -0.32	35.59 -2.97 -0.05	41.59 -3.05 0.00	28.38 -2.19 -0.01	22.64 -1.79 -0.16	23.57 -1.50 0.00	21.02 -1.14 0.00
NGRID_A2_DSASP 323793	19.97 -1.52 0.00	20.34 -1.30 0.00	16.88 -1.11 0.00	17.54 -0.93 0.00	16.45 -0.89 0.00	16.56 -0.88 0.00	31.61 -1.56 -4.51	296.95 -22.98 -3.03	55.86 -2.17 -28.91	37.24 -1.25 -16.53	36.06 -2.08 -2.41	31.11 -1.78 -1.47	40.43 -1.98 -3.00	29.48 -1.33 -1.69	26.63 -1.66 -0.61	24.68 -1.96 -0.02	19.45 -1.51 -1.16	26.99 -2.28 -0.32	35.59 -2.97 -0.05	41.59 -3.05 0.00	28.38 -2.19 -0.01	22.64 -1.79 -0.16	23.57 -1.50 0.00	21.02 -1.14 0.00

NGRID_A4_DSASP 323807	19.97 -1.52 0.00	20.34 -1.30 0.00	16.88 -1.11 0.00	17.54 -0.93 0.00	16.45 -0.89 0.00	16.56 -0.88 0.00	31.61 -1.56 -4.51	296.95 -22.98 -3.03	55.86 -2.17 -28.91	37.24 -1.25 -16.53	36.06 -2.08 -2.41	31.11 -1.78 -1.47	40.43 -1.98 -3.00	29.48 -1.33 -1.69	26.63 -1.66 -0.61	24.68 -1.96 -0.02	19.45 -1.51 -0.02	26.99 -2.28 -0.32	35.59 -2.97 -0.05	41.59 -3.05 0.00	28.38 -2.19 -0.01	22.64 -1.79 -0.16	23.57 -1.50 0.00	21.02 -1.14 0.00
NIAGARA_115E_LBMP 323715	19.95 -1.55 0.00	20.32 -1.32 0.00	16.85 -1.15 0.00	17.51 -0.96 0.00	16.43 -0.91 0.00	16.55 -0.89 0.00	31.63 -1.55 -4.52	298.36 -21.57 -3.03	56.22 -2.01 -29.10	37.36 -1.16 -16.56	36.19 -1.96 -2.41	31.24 -1.66 -1.48	40.59 -1.83 -3.00	29.58 -1.24 -1.69	26.73 -1.55 -0.61	24.79 -1.85 -0.02	19.53 -1.43 -0.02	27.11 -2.16 -0.32	35.77 -2.79 -0.05	41.80 -2.84 0.00	28.51 -2.06 -0.01	22.75 -1.69 -0.16	23.68 -1.39 0.00	21.03 -1.13 0.00
NIAGARA_115W_LBMP 323714	19.93 -1.56 0.00	20.31 -1.34 0.00	16.85 -1.15 0.00	17.50 -0.96 0.00	16.42 -0.93 0.00	16.52 -0.92 0.00	31.54 -1.62 -4.51	296.09 -23.84 -3.03	55.77 -2.25 -28.89	37.17 -1.31 -16.51	35.97 -2.17 -2.41	31.04 -1.85 -1.47	40.33 -2.08 -3.00	29.41 -1.40 -1.68	26.56 -1.73 -0.61	24.62 -2.02 -0.02	19.40 -1.56 -0.02	26.91 -2.35 -0.32	35.50 -3.06 -0.05	41.47 -3.17 0.00	28.30 -2.26 -0.01	22.59 -1.85 -0.16	23.52 -1.55 0.00	20.98 -1.18 0.00
NIAGARA_230_LBMP 323716	20.11 -1.38 0.00	20.48 -1.16 0.00	17.00 -1.00 0.00	17.65 -0.82 0.00	16.55 -0.79 0.00	16.66 -0.78 0.00	31.80 -1.32 -4.47	301.28 -18.65 -3.03	56.10 -1.75 -28.72	37.37 -0.95 -16.36	36.47 -1.64 -2.38	31.45 -1.43 -1.46	40.93 -1.45 -2.97	29.77 -1.03 -1.67	26.90 -1.38 -0.60	24.98 -1.66 -0.02	19.65 -1.30 -0.02	27.33 -1.94 -0.32	36.08 -2.48 -0.05	42.15 -2.49 0.00	28.73 -1.83 -0.01	22.92 -1.51 -0.16	23.84 -1.23 0.00	21.17 -0.99 0.00
NIAGARA__115KV_198_GIBSON 55903	19.93 -1.56 0.00	20.31 -1.34 0.00	16.85 -1.15 0.00	17.51 -0.96 0.00	16.42 -0.93 0.00	16.52 -0.92 0.00	31.53 -1.63 -4.51	296.02 -23.91 -3.03	55.80 -2.21 -28.89	37.09 -1.39 -16.51	35.97 -2.16 -2.41	31.03 -1.86 -1.47	40.26 -2.15 -3.00	29.37 -1.44 -1.68	26.54 -1.74 -0.61	24.62 -2.02 -0.02	19.40 -1.55 -0.02	26.91 -2.36 -0.32	35.51 -3.05 -0.05	41.48 -3.16 0.00	28.30 -2.27 -0.01	22.60 -1.84 -0.16	23.55 -1.52 0.00	20.98 -1.18 0.00
NIAGARA____ 23760	20.11 -1.38 0.00	20.48 -1.16 0.00	17.00 -1.00 0.00	17.65 -0.82 0.00	16.55 -0.79 0.00	16.66 -0.78 0.00	31.83 -1.32 -4.50	301.28 -18.65 -3.03	56.25 -1.75 -28.87	37.47 -0.95 -16.46	36.48 -1.64 -2.40	31.45 -1.43 -1.46	40.95 -1.45 -2.99	29.78 -1.03 -1.68	26.90 -1.38 -0.60	24.98 -1.66 -0.02	19.65 -1.30 -0.02	27.33 -1.94 -0.32	36.08 -2.48 -0.05	42.15 -2.49 0.00	28.73 -1.83 -0.01	22.92 -1.51 -0.16	23.84 -1.23 0.00	21.17 -0.99 0.00
NINE_MILE_1 23575	20.85 -0.64 0.00	21.01 -0.63 0.00	17.45 -0.55 0.00	17.91 -0.56 0.00	16.80 -0.55 0.00	16.88 -0.56 0.00	-29.67 -0.93 57.40	300.21 -10.50 6.19	-342.19 -0.94 370.38	-188.42 -0.70 209.69	3.99 -1.18 30.56	11.71 -1.04 18.68	0.12 -1.24 38.05	6.84 -0.91 21.38	19.03 -0.96 7.69	25.63 -0.99 0.00	19.09 -0.71 0.00	27.90 -1.05 0.00	37.16 -1.36 0.00	43.12 -1.53 0.00	29.50 -1.05 0.00	23.51 -0.76 0.00	24.31 -0.76 0.00	21.57 -0.59 0.00
NINE_MILE_2 23744	20.85 -0.64 0.00	21.01 -0.63 0.00	17.46 -0.54 0.00	17.91 -0.56 0.00	16.81 -0.54 0.00	16.89 -0.55 0.00	-29.67 -0.92 57.40	300.21 -10.50 6.19	-342.19 -0.93 370.38	-188.42 -0.69 209.69	4.00 -1.17 30.56	11.72 -1.03 18.68	0.14 -1.23 38.05	6.85 -0.90 21.38	19.03 -0.96 7.69	25.63 -0.99 0.00	19.09 -0.71 0.00	27.90 -1.04 0.00	37.16 -1.36 0.00	43.12 -1.53 0.00	29.50 -1.05 0.00	23.51 -0.76 0.00	24.32 -0.76 0.00	21.58 -0.58 0.00
NM_CAPITAL____DRP 24208	21.77 0.28 0.00	21.89 0.25 0.00	18.22 0.22 0.00	18.66 0.19 0.00	17.67 0.32 0.00	17.79 0.35 0.00	29.37 0.71 0.00	327.28 10.26 -0.11	36.48 0.82 -6.53	40.33 0.60 -17.77	36.55 0.82 0.00	32.12 0.69 0.00	40.20 0.79 0.00	29.71 0.58 0.00	28.36 0.69 0.00	27.99 0.78 -0.59	58.11 0.63 -37.68	40.42 0.99 -10.49	41.34 1.27 -1.55	46.12 1.48 0.00	31.93 0.96 -0.41	30.21 0.69 -5.26	25.70 0.63 0.00	22.52 0.36 0.00
NM_CENTRAL____DRP 24181	21.26 -0.23 0.00	21.43 -0.21 0.00	17.78 -0.21 0.00	18.26 -0.20 0.00	17.16 -0.19 0.00	17.26 -0.18 0.00	33.86 -0.20 -5.40	320.07 0.29 -2.88	63.39 -0.12 -34.38	41.62 -0.16 -19.83	38.29 -0.32 -2.89	32.93 -0.26 -1.77	42.77 -0.24 -3.60	30.99 -0.16 -2.02	28.07 -0.33 -0.73	26.18 -0.45 -0.01	20.16 -0.29 -0.66	28.72 -0.41 -0.18	38.00 -0.55 -0.03	44.06 -0.58 0.00	30.12 -0.44 -0.01	24.05 -0.31 -0.09	24.77 -0.30 0.00	21.97 -0.19 0.00
NM_FRONTIER____DRP 24179	19.93 -1.56 0.00	20.31 -1.34 0.00	16.85 -1.15 0.00	17.51 -0.96 0.00	16.42 -0.93 0.00	16.52 -0.92 0.00	31.53 -1.63 -4.51	296.02 -23.91 -3.03	55.80 -2.21 -28.89	37.09 -1.39 -16.51	35.97 -2.16 -2.41	31.03 -1.86 -1.47	40.26 -2.15 -3.00	29.37 -1.44 -1.68	26.54 -1.74 -0.61	24.62 -2.02 -0.02	19.40 -1.55 -0.02	26.91 -2.36 -0.32	35.51 -3.05 -0.05	41.48 -3.16 0.00	28.30 -2.27 -0.01	22.60 -1.84 -0.16	23.55 -1.52 0.00	20.98 -1.18 0.00
NM_ST_REGIS____HYD 24053	21.65 0.16 0.00	21.74 0.10 0.00	18.08 0.08 0.00	18.54 0.07 0.00	17.28 -0.07 0.00	17.36 -0.08 0.00	28.43 -0.23 0.00	313.72 -3.59 -0.41	28.89 -0.23 0.00	21.78 -0.19 0.00	35.47 -0.26 0.00	31.22 -0.20 0.00	39.20 -0.21 0.00	28.96 -0.17 0.00	27.64 -0.04 0.00	26.65 0.03 0.00	19.78 -0.02 0.00	29.06 0.11 0.00	38.77 0.25 0.00	44.66 0.01 0.00	30.59 0.04 0.00	24.25 -0.02 0.00	24.95 -0.12 0.00	22.12 -0.04 0.00
NORTHPORT____1 23551	22.78 1.29 0.00	22.98 1.34 0.00	19.07 1.07 0.00	19.54 1.08 0.00	18.55 1.21 0.00	18.74 1.30 0.00	30.84 2.19 0.00	337.96 20.93 -0.12	36.49 2.23 -5.14	71.06 1.56 -47.54	37.69 1.97 0.00	33.60 2.18 0.00	42.07 2.66 0.00	31.28 2.14 0.00	30.28 2.60 0.00	29.70 2.62 -0.47	51.37 1.95 -29.63	39.69 2.49 -8.25	42.78 3.05 -1.22	47.96 3.31 0.00	33.35 2.47 -0.32	30.37 1.96 -4.13	27.25 2.18 0.00	23.78 1.62 0.00
NORTHPORT____2 23552	22.78 1.29 0.00	22.98 1.34 0.00	19.07 1.07 0.00	19.54 1.08 0.00	18.55 1.21 0.00	18.74 1.30 0.00	30.84 2.19 0.00	337.96 20.93 -0.12	36.49 2.23 -5.14	71.06 1.56 -47.54	37.69 1.97 0.00	33.60 2.18 0.00	42.07 2.66 0.00	31.28 2.14 0.00	30.28 2.60 0.00	29.70 2.62 -0.47	51.37 1.95 -29.63	39.69 2.49 -8.25	42.78 3.05 -1.22	47.96 3.31 0.00	33.35 2.47 -0.32	30.37 1.96 -4.13	27.25 2.18 0.00	23.78 1.62 0.00
NORTHPORT____3 23553	22.63 1.14 0.00	22.81 1.17 0.00	18.92 0.92 0.00	19.38 0.91 0.00	18.39 1.05 0.00	18.56 1.12 0.00	30.52 1.86 0.00	334.65 17.62 -0.12	36.16 1.90 -5.14	70.85 1.35 -47.54	37.45 1.73 0.00	33.33 1.91 0.00	41.63 2.22 0.00	31.01 1.88 0.00	29.98 2.30 0.00	29.40 2.32 -0.47	51.08 1.65 -29.63	39.34 2.14 -8.25	42.31 2.57 -1.22	47.53 2.89 0.00	33.02 2.15 -0.32	30.13 1.72 -4.13	27.05 1.98 0.00	23.61 1.45 0.00

NORTHPORT___4 23650	22.63 1.14 0.00	22.81 1.17 0.00	18.92 0.92 0.00	19.38 0.91 0.00	18.39 1.05 0.00	18.56 1.12 0.00	30.52 1.86 0.00	334.65 17.62 -0.12	36.16 1.90 -5.14	70.85 1.35 -47.54	37.45 1.73 0.00	33.33 1.91 0.00	41.63 2.22 0.00	31.01 1.88 0.00	29.98 2.30 0.00	29.40 2.32 -0.47	51.08 1.65 -29.63	39.34 2.14 -8.25	42.31 2.57 -1.22	47.53 2.89 0.00	33.02 2.15 -0.32	30.13 1.72 -4.13	27.05 1.98 0.00	23.61 1.45 0.00
NORTHPORT___IC 23718	22.78 1.29 0.00	22.98 1.34 0.00	19.07 1.07 0.00	19.54 1.08 0.00	18.55 1.21 0.00	18.74 1.30 0.00	30.84 2.19 0.00	337.96 20.93 -0.12	36.49 2.23 -5.14	71.06 1.56 -47.54	37.69 1.97 0.00	33.60 2.18 0.00	42.07 2.66 0.00	31.28 2.14 0.00	30.28 2.60 0.00	29.70 2.62 -0.47	51.37 1.95 -29.63	39.69 2.49 -8.25	42.78 3.05 -1.22	47.96 3.31 0.00	33.35 2.47 -0.32	30.37 1.96 -4.13	27.25 2.18 0.00	23.78 1.62 0.00
NORTH___COUNTRY_ESR 323785	21.67 0.18 0.00	21.76 0.12 0.00	18.18 0.19 0.00	18.57 0.10 0.00	17.33 -0.02 0.00	17.44 0.00 0.00	28.50 -0.16 0.00	313.46 -3.65 -0.21	29.01 -0.12 0.00	21.85 -0.12 0.00	35.61 -0.11 0.00	31.50 0.08 0.00	39.77 0.36 0.00	29.34 0.21 0.00	28.34 0.67 0.00	27.42 0.80 0.00	20.27 0.48 0.00	29.74 0.79 0.00	39.45 0.94 0.00	44.91 0.27 0.00	30.93 0.37 0.00	24.45 0.18 0.00	25.10 0.03 0.00	22.30 0.14 0.00
NPX_GEN_1385_PROXY 323591	22.64 1.15 0.00	22.98 1.34 0.00	18.93 0.94 0.00	19.41 0.95 0.00	18.55 1.21 0.00	18.73 1.30 0.00	30.77 2.11 0.00	337.95 20.92 -0.12	36.26 2.00 -5.14	70.62 1.12 -47.54	36.36 0.63 0.00	32.78 1.35 0.00	41.39 1.98 0.00	30.90 1.77 0.00	29.65 1.98 0.00	29.01 1.93 -0.47	51.02 1.60 -29.63	39.10 1.90 -8.25	42.21 2.47 -1.22	48.84 2.48 -1.72	32.67 1.80 -0.32	30.24 1.84 -4.13	27.17 2.10 0.00	23.77 1.62 0.00
NPX_GEN_CSC 323557	23.02 1.53 0.00	23.18 1.54 0.00	19.25 1.25 0.00	19.73 1.26 0.00	18.74 1.39 0.00	18.96 1.52 0.00	31.25 2.60 0.00	342.38 25.36 -0.12	36.86 2.60 -5.14	71.41 1.91 -47.54	37.99 2.26 0.00	33.91 2.49 0.00	42.50 3.08 0.00	31.56 2.43 0.00	30.75 3.07 0.00	30.20 3.11 -0.47	51.80 2.37 -29.63	40.35 3.16 -8.25	43.58 3.84 -1.22	50.59 4.23 -1.72	33.98 3.11 -0.32	30.69 2.28 -4.13	27.52 2.45 0.00	23.99 1.83 0.00
NSINS_S_GLNS_FALLS 23858	22.55 1.06 0.00	22.65 1.01 0.00	18.85 0.85 0.00	19.32 0.85 0.00	18.26 0.92 0.00	18.48 1.04 0.00	30.48 1.82 0.00	340.96 23.95 -0.11	37.86 2.04 -6.70	40.31 1.44 -16.91	37.86 2.14 0.00	33.13 1.71 0.00	41.68 2.27 0.00	30.78 1.65 0.00	29.40 1.72 0.00	29.03 1.81 -0.61	59.87 1.45 -38.63	41.98 2.28 -10.75	43.25 3.14 -1.59	48.26 3.62 0.00	33.33 2.36 -0.42	31.39 1.73 -5.39	26.65 1.58 0.00	23.20 1.04 0.00
NUCOR_STEEL___DRP 24197	21.51 0.02 0.00	21.70 0.06 0.00	17.96 -0.04 0.00	18.51 0.04 0.00	17.39 0.04 0.00	17.53 0.09 0.00	38.21 0.39 -9.16	331.45 11.26 -3.29	86.93 0.75 -57.06	55.77 0.13 -33.67	40.87 0.23 -4.91	34.59 0.17 -3.00	45.89 0.37 -6.11	32.73 0.16 -3.43	28.94 0.03 -1.24	26.50 -0.13 -0.02	20.75 0.00 -0.96	29.32 0.10 -0.27	38.71 0.16 -0.04	44.91 0.27 0.00	30.71 0.15 -0.01	24.45 0.04 -0.13	25.18 0.11 0.00	22.50 0.33 0.00
NUMBER_THREE_WT_PWR 323818	21.80 0.31 0.00	21.87 0.23 0.00	17.86 -0.14 0.00	18.19 -0.28 0.00	17.05 -0.30 0.00	17.15 -0.29 0.00	30.20 -0.31 -1.86	318.02 -0.01 -1.12	39.49 0.28 -10.08	28.40 0.25 -6.19	36.83 0.20 -0.90	31.98 0.01 -0.55	40.26 -0.28 -1.12	29.33 -0.43 -0.63	27.26 -0.64 -0.23	26.03 -0.59 0.00	19.44 -0.35 0.00	28.87 -0.08 0.00	38.80 0.28 0.00	45.08 0.44 0.00	30.57 0.02 0.00	24.13 -0.14 0.00	24.69 -0.38 0.00	21.93 -0.23 0.00
NYISO_LBMP_REFERENCE 24008	21.49 0.00 0.00	21.64 0.00 0.00	18.00 0.00 0.00	18.47 0.00 0.00	17.35 0.00 0.00	17.44 0.00 0.00	28.66 0.00 0.00	316.90 0.00 0.00	29.13 0.00 0.00	21.96 0.00 0.00	35.73 0.00 0.00	31.42 0.00 0.00	39.41 0.00 0.00	29.13 0.00 0.00	27.68 0.00 0.00	26.62 0.00 0.00	19.79 0.00 0.00	28.95 0.00 0.00	38.52 0.00 0.00	44.64 0.00 0.00	30.55 0.00 0.00	24.27 0.00 0.00	25.07 0.00 0.00	22.16 0.00 0.00
NYPA_BRENTWD___GT 24164	22.99 1.50 0.00	23.16 1.52 0.00	19.22 1.22 0.00	19.70 1.23 0.00	18.69 1.34 0.00	18.90 1.46 0.00	31.10 2.45 0.00	338.90 21.88 -0.12	36.77 2.51 -5.14	71.34 1.84 -47.54	38.11 2.38 0.00	33.98 2.56 0.00	42.50 3.09 0.00	31.58 2.44 0.00	30.61 2.94 0.00	30.04 2.96 -0.47	51.64 2.22 -29.63	40.00 2.80 -8.25	43.12 3.38 -1.22	48.22 3.58 0.00	33.72 2.85 -0.32	30.67 2.26 -4.13	27.52 2.45 0.00	23.98 1.82 0.00
NYPA_GOWANUS___GT5 24156	22.70 1.21 0.00	22.80 1.16 0.00	18.96 0.96 0.00	19.41 0.94 0.00	18.37 1.03 0.00	18.56 1.12 0.00	30.82 2.16 0.00	341.04 24.01 -0.12	36.50 2.24 -5.14	71.23 1.62 -47.65	38.50 2.78 0.00	33.98 2.55 -0.01	43.41 2.94 -1.06	31.26 2.13 -0.01	29.88 2.20 -0.01	29.35 2.26 -0.47	51.01 1.60 -29.61	39.54 2.35 -8.25	42.72 2.98 -1.22	48.18 3.54 0.00	33.29 2.41 -0.32	30.29 1.88 -4.13	27.03 1.96 0.00	23.58 1.42 0.00
NYPA_GOWANUS___GT6 24157	22.70 1.21 0.00	22.80 1.16 0.00	18.96 0.96 0.00	19.41 0.94 0.00	18.37 1.03 0.00	18.56 1.12 0.00	30.82 2.16 0.00	341.04 24.01 -0.12	36.50 2.24 -5.14	71.23 1.62 -47.65	38.50 2.78 0.00	33.98 2.55 -0.01	43.41 2.94 -1.06	31.26 2.13 -0.01	29.88 2.20 -0.01	29.35 2.26 -0.47	51.01 1.60 -29.61	39.54 2.35 -8.25	42.72 2.98 -1.22	48.18 3.54 0.00	33.29 2.41 -0.32	30.29 1.88 -4.13	27.03 1.96 0.00	23.58 1.42 0.00
NYPA_HARLEM__RVR_GT1 24160	22.58 1.09 0.00	22.68 1.04 0.00	18.88 0.89 0.00	19.31 0.85 0.00	18.30 0.95 0.00	18.48 1.04 0.00	30.63 1.97 0.00	339.01 21.99 -0.12	36.33 2.07 -5.13	71.11 1.50 -47.64	38.43 2.70 0.00	33.86 2.43 -0.01	42.10 2.69 0.00	31.03 1.90 0.00	29.68 2.00 -0.01	29.17 2.08 -0.47	50.89 1.48 -29.61	39.40 2.20 -8.25	42.55 2.82 -1.22	47.98 3.34 0.00	33.13 2.26 -0.32	30.10 1.70 -4.13	26.85 1.78 0.00	23.46 1.30 0.00
NYPA_HARLEM__RVR_GT2 24161	22.58 1.09 0.00	22.68 1.04 0.00	18.88 0.89 0.00	19.31 0.85 0.00	18.30 0.95 0.00	18.48 1.04 0.00	30.63 1.97 0.00	339.01 21.99 -0.12	36.33 2.07 -5.13	71.11 1.50 -47.64	38.43 2.70 0.00	33.86 2.43 -0.01	42.10 2.69 0.00	31.03 1.90 0.00	29.68 2.00 -0.01	29.17 2.08 -0.47	50.89 1.48 -29.61	39.40 2.20 -8.25	42.55 2.82 -1.22	47.98 3.34 0.00	33.13 2.26 -0.32	30.10 1.70 -4.13	26.85 1.78 0.00	23.46 1.30 0.00
NYPA_KENT___GT 24152	22.70 1.21 0.00	22.80 1.16 0.00	18.96 0.96 0.00	19.41 0.95 0.00	18.38 1.03 0.00	18.56 1.12 0.00	30.82 2.16 0.00	341.12 24.09 -0.12	36.50 2.24 -5.14	71.24 1.63 -47.65	38.50 2.78 0.00	33.98 2.55 -0.01	43.41 2.93 -1.06	31.26 2.12 -0.01	29.87 2.19 -0.01	29.35 2.26 -0.47	51.01 1.60 -29.61	39.52 2.33 -8.25	42.69 2.95 -1.22	48.15 3.50 0.00	33.25 2.38 -0.32	30.26 1.86 -4.13	27.00 1.93 0.00	23.57 1.41 0.00

NYPA_POUCH1____GT 24155	22.72 1.23 0.00	22.82 1.18 0.00	18.98 0.98 0.00	19.43 0.96 0.00	18.39 1.05 0.00	18.57 1.13 0.00	30.84 2.19 0.00	341.21 24.18 -0.12	36.46 2.22 -5.11	70.43 1.62 -46.85	38.39 2.75 0.09	33.98 2.55 -0.01	43.35 2.91 -1.02	31.25 2.11 -0.01	29.87 2.19 -0.01	29.34 2.25 -0.47	50.98 1.59 -29.59	39.45 2.34 -8.16	42.71 2.97 -1.22	48.19 3.54 0.00	33.33 2.46 -0.32	30.32 1.91 -4.13	27.06 1.99 0.00	23.60 1.44 0.00
NYPA_VERNON____GT2 24162	22.70 1.21 0.00	22.81 1.17 0.00	18.97 0.97 0.00	19.42 0.95 0.00	18.39 1.04 0.00	18.57 1.13 0.00	30.82 2.16 0.00	341.13 24.11 -0.12	36.53 2.27 -5.14	71.27 1.66 -47.65	38.50 2.77 0.00	33.97 2.55 -0.01	43.41 2.93 -1.06	31.26 2.12 -0.01	29.86 2.18 -0.01	29.34 2.25 -0.47	51.01 1.60 -29.61	39.54 2.34 -8.25	42.70 2.96 -1.22	48.14 3.50 0.00	33.24 2.36 -0.32	30.24 1.84 -4.13	26.99 1.91 0.00	23.56 1.40 0.00
NYPA_VERNON____GT3 24163	22.70 1.21 0.00	22.81 1.17 0.00	18.97 0.97 0.00	19.42 0.95 0.00	18.39 1.04 0.00	18.57 1.13 0.00	30.82 2.16 0.00	341.13 24.11 -0.12	36.53 2.27 -5.14	71.27 1.66 -47.65	38.50 2.77 0.00	33.97 2.55 -0.01	43.41 2.93 -1.06	31.26 2.12 -0.01	29.86 2.18 -0.01	29.34 2.25 -0.47	51.01 1.60 -29.61	39.54 2.34 -8.25	42.70 2.96 -1.22	48.14 3.50 0.00	33.24 2.36 -0.32	30.24 1.84 -4.13	26.99 1.91 0.00	23.56 1.40 0.00
NYPA____ASTORIA_CC1 323568	22.68 1.19 0.00	22.79 1.15 0.00	18.96 0.96 0.00	19.41 0.94 0.00	18.38 1.03 0.00	18.56 1.12 0.00	30.80 2.15 0.00	341.00 23.98 -0.12	36.52 2.26 -5.14	71.26 1.65 -47.65	38.47 2.74 0.00	33.95 2.52 -0.01	43.37 2.89 -1.06	31.23 2.09 -0.01	29.83 2.15 -0.01	29.32 2.23 -0.47	50.99 1.58 -29.61	39.51 2.31 -8.25	42.66 2.92 -1.22	48.09 3.44 0.00	33.19 2.32 -0.32	30.19 1.79 -4.13	26.94 1.87 0.00	23.53 1.37 0.00
NYPA____ASTORIA_CC2 323569	22.68 1.19 0.00	22.79 1.15 0.00	18.96 0.96 0.00	19.41 0.94 0.00	18.38 1.03 0.00	18.56 1.12 0.00	30.80 2.15 0.00	341.00 23.98 -0.12	36.52 2.26 -5.14	71.26 1.65 -47.65	38.47 2.74 0.00	33.95 2.52 -0.01	43.37 2.89 -1.06	31.23 2.09 -0.01	29.83 2.15 -0.01	29.32 2.23 -0.47	50.99 1.58 -29.61	39.51 2.31 -8.25	42.66 2.92 -1.22	48.09 3.44 0.00	33.19 2.32 -0.32	30.19 1.79 -4.13	26.94 1.87 0.00	23.53 1.37 0.00
NYPA____HOLTSVILL 23794	22.90 1.41 0.00	23.06 1.42 0.00	19.15 1.15 0.00	19.62 1.16 0.00	18.63 1.28 0.00	18.84 1.40 0.00	31.04 2.38 0.00	340.17 23.14 -0.12	36.68 2.42 -5.14	71.26 1.76 -47.54	37.74 2.01 0.00	33.78 2.36 0.00	42.27 2.85 0.00	31.39 2.26 0.00	30.46 2.79 0.00	29.91 2.82 -0.47	51.55 2.13 -29.63	39.98 2.78 -8.25	43.09 3.35 -1.22	48.32 3.67 0.00	33.59 2.72 -0.32	30.50 2.10 -4.13	27.35 2.28 0.00	23.85 1.69 0.00
NYPA____HELLGATE_GT1 24158	22.58 1.09 0.00	22.68 1.04 0.00	18.88 0.89 0.00	19.31 0.85 0.00	18.30 0.95 0.00	18.48 1.04 0.00	30.62 1.96 0.00	338.78 21.76 -0.12	36.30 2.05 -5.13	71.08 1.48 -47.64	38.40 2.67 0.00	33.82 2.40 -0.01	42.07 2.66 0.00	31.01 1.88 0.00	29.65 1.97 -0.01	29.15 2.06 -0.47	50.86 1.46 -29.61	39.33 2.15 -8.23	42.47 2.75 -1.20	47.89 3.26 0.02	33.08 2.22 -0.31	30.10 1.70 -4.13	26.85 1.78 0.00	23.46 1.30 0.00
NYPA____HELLGATE_GT2 24159	22.58 1.09 0.00	22.68 1.04 0.00	18.88 0.89 0.00	19.31 0.85 0.00	18.30 0.95 0.00	18.48 1.04 0.00	30.62 1.96 0.00	338.78 21.76 -0.12	36.30 2.05 -5.13	71.08 1.48 -47.64	38.40 2.67 0.00	33.82 2.40 -0.01	42.07 2.66 0.00	31.01 1.88 0.00	29.65 1.97 -0.01	29.15 2.06 -0.47	50.86 1.46 -29.61	39.33 2.15 -8.23	42.47 2.75 -1.20	47.89 3.26 0.02	33.08 2.22 -0.31	30.10 1.70 -4.13	26.85 1.78 0.00	23.46 1.30 0.00
NYS_BARGE____HYD 23848	20.30 -1.19 0.00	20.67 -0.97 0.00	17.14 -0.85 0.00	17.80 -0.67 0.00	16.70 -0.64 0.00	16.83 -0.61 0.00	32.07 -1.02 -4.44	304.80 -15.14 -3.04	56.29 -1.42 -28.59	37.52 -0.72 -16.28	36.85 -1.25 -2.37	31.81 -1.06 -1.45	41.32 -1.04 -2.95	30.09 -0.70 -1.66	27.21 -1.06 -0.60	25.26 -1.37 -0.02	19.84 -1.07 -1.12	27.65 -1.60 -0.31	36.55 -2.01 -0.05	42.71 -1.94 0.00	29.10 -1.47 -0.01	23.19 -1.24 -0.16	24.11 -0.96 0.00	21.40 -0.76 0.00
OAK ORCHARD____HYD 24046	20.96 -0.53 0.00	21.21 -0.43 0.00	17.59 -0.41 0.00	18.15 -0.32 0.00	17.05 -0.30 0.00	17.17 -0.27 0.00	32.26 -0.33 -3.93	316.11 -3.89 -3.09	53.83 -0.39 -25.10	36.23 -0.14 -14.41	37.60 -0.23 -2.10	32.47 -0.23 -1.28	41.94 -0.09 -2.61	30.53 -0.07 -1.47	27.89 -0.32 -0.53	26.10 -0.53 -0.01	20.29 -0.40 -0.89	28.64 -0.56 -0.25	37.91 -0.64 -0.04	44.11 -0.54 0.00	30.07 -0.49 -0.01	23.94 -0.46 -0.13	24.70 -0.37 0.00	21.88 -0.28 0.00
OAKDALE__35_KV_LOAD 356122	21.31 -0.18 0.00	21.50 -0.14 0.00	17.81 -0.19 0.00	18.37 -0.10 0.00	17.24 -0.11 0.00	17.35 -0.09 0.00	36.10 0.08 -7.36	323.74 4.16 -2.68	77.25 0.17 -47.95	48.83 -0.03 -26.90	39.60 -0.04 -3.92	33.72 -0.10 -2.40	44.41 0.12 -4.88	31.96 0.09 -2.74	28.48 -0.18 -0.99	26.41 -0.26 -0.05	22.48 -0.24 -2.93	29.49 -0.27 -0.82	38.45 -0.18 -0.12	44.55 -0.09 0.00	30.40 -0.18 -0.03	24.45 -0.22 -0.41	24.93 -0.15 0.00	22.04 -0.12 0.00
OCC_CHEM____DRP 24175	19.97 -1.52 0.00	20.34 -1.30 0.00	16.88 -1.11 0.00	17.54 -0.93 0.00	16.45 -0.90 0.00	16.56 -0.88 0.00	31.60 -1.57 -4.51	296.87 -23.06 -3.03	55.90 -2.14 -28.91	37.17 -1.32 -16.53	36.06 -2.07 -2.41	31.11 -1.78 -1.47	40.38 -2.04 -3.00	29.45 -1.37 -1.69	26.61 -1.67 -0.61	24.68 -1.96 -0.02	19.45 -1.50 -1.16	26.98 -2.29 -0.32	35.60 -2.96 -0.05	41.61 -3.04 0.00	28.38 -2.19 -0.01	22.65 -1.78 -0.16	23.60 -1.47 0.00	21.02 -1.14 0.00
OH_GEN_PROXY 24063	20.16 -1.33 0.00	20.52 -1.12 0.00	17.02 -0.97 0.00	31.65 -0.79 -13.96	27.35 -0.77 -10.77	16.68 -0.76 0.00	31.86 -1.25 -4.46	302.72 -17.21 -3.03	56.18 -1.62 -28.68	37.41 -0.88 -16.33	36.58 -1.52 -2.38	31.54 -1.34 -1.45	41.05 -1.33 -2.96	29.85 -0.95 -1.66	26.98 -1.29 -0.60	25.06 -1.58 -0.02	19.71 -1.24 -1.15	27.44 -1.83 -0.32	36.23 -2.33 -0.05	44.03 -2.33 -1.72	28.84 -1.73 -0.01	23.00 -1.44 -0.16	45.59 -1.16 -21.68	21.22 -0.95 0.00
OLIN_CORP_DRP 24177	19.98 -1.50 0.00	20.36 -1.28 0.00	16.88 -1.11 0.00	17.54 -0.93 0.00	16.47 -0.88 0.00	16.58 -0.86 0.00	31.70 -1.50 -4.54	299.00 -20.93 -3.03	56.46 -1.90 -29.24	37.40 -1.20 -16.64	36.28 -1.87 -2.43	31.29 -1.61 -1.48	40.65 -1.78 -3.02	29.59 -1.24 -1.70	26.77 -1.52 -0.61	24.84 -1.80 -0.02	19.58 -1.38 -1.17	27.17 -2.10 -0.32	35.87 -2.70 -0.05	41.91 -2.74 0.00	28.57 -1.99 -0.01	22.81 -1.63 -0.16	23.75 -1.32 0.00	21.07 -1.09 0.00
OLIN_CORP_DSASP 323712	19.97 -1.52 0.00	20.34 -1.30 0.00	16.88 -1.11 0.00	17.54 -0.93 0.00	16.45 -0.89 0.00	16.56 -0.88 0.00	31.61 -1.56 -4.51	296.95 -22.98 -3.03	55.86 -2.17 -28.91	37.24 -1.25 -16.53	36.06 -2.08 -2.41	31.11 -1.78 -1.47	40.43 -1.98 -3.00	29.48 -1.33 -1.69	26.63 -1.66 -0.61	24.68 -1.96 -0.02	19.45 -1.51 -1.16	26.99 -2.28 -0.32	35.59 -2.97 -0.05	41.59 -3.05 0.00	28.38 -2.19 -0.01	22.64 -1.79 -0.16	23.57 -1.50 0.00	21.02 -1.14 0.00

ONEIDA_HERK_LFGE 323681	21.86 0.36 0.00	21.97 0.33 0.00	18.13 0.13 0.00	18.55 0.08 0.00	17.43 0.08 0.00	17.55 0.11 0.00	30.47 0.35 -1.47	323.90 6.06 -0.94	38.05 0.64 -8.29	27.52 0.47 -5.08	36.94 0.47 -0.74	32.28 0.41 -0.45	40.74 0.41 -0.92	29.90 0.25 -0.52	27.91 0.04 -0.19	26.64 0.03 0.00	19.88 0.09 0.00	29.30 0.35 0.00	39.21 0.69 0.00	45.51 0.87 0.00	31.00 0.44 0.00	24.61 0.34 0.00	25.29 0.22 0.00	22.37 0.21 0.00
ONEIDA___115KV_TB4 55905	21.85 0.36 0.00	22.03 0.39 0.00	18.26 0.26 0.00	18.74 0.27 0.00	17.62 0.27 0.00	17.75 0.31 0.00	32.34 0.71 -2.98	328.77 10.21 -1.66	48.68 0.86 -18.70	33.32 0.54 -10.82	37.88 0.58 -1.58	32.97 0.58 -0.96	42.15 0.77 -1.96	30.87 0.63 -1.10	28.48 0.41 -0.40	26.96 0.35 0.00	20.12 0.33 0.00	29.53 0.59 0.00	39.46 0.95 0.00	45.77 1.13 0.00	31.22 0.67 0.00	24.83 0.56 0.00	25.58 0.51 0.00	22.59 0.43 0.00
ONONDAGA_REF_OCCRA 23987	21.37 -0.12 0.00	21.55 -0.09 0.00	17.87 -0.12 0.00	18.36 -0.11 0.00	17.25 -0.10 0.00	17.36 -0.08 0.00	35.09 -0.01 -6.45	323.09 3.23 -2.95	70.23 0.10 -41.01	45.57 -0.05 -23.66	39.03 -0.15 -3.45	33.41 -0.12 -2.11	43.68 -0.02 -4.29	31.55 0.01 -2.41	28.36 -0.19 -0.87	26.33 -0.30 -0.01	20.42 -0.19 -0.82	28.93 -0.24 -0.23	38.28 -0.27 -0.03	44.39 -0.26 0.00	30.33 -0.23 -0.01	24.23 -0.16 -0.11	24.92 -0.15 0.00	22.10 -0.06 0.00
ONONDAGA___COGEN 23986	21.43 -0.06 0.00	21.62 -0.03 0.00	17.93 -0.07 0.00	18.41 -0.05 0.00	17.29 -0.05 0.00	17.42 -0.02 0.00	36.43 0.12 -7.65	327.32 7.24 -3.17	77.32 0.40 -47.79	50.08 0.00 -28.11	39.78 -0.05 -4.10	33.92 -0.01 -2.50	44.60 0.08 -5.10	32.05 0.05 -2.87	28.58 -0.13 -1.03	26.36 -0.27 -0.01	20.38 -0.17 -0.75	28.94 -0.22 -0.21	38.21 -0.33 -0.03	44.31 -0.33 0.00	30.29 -0.27 -0.01	24.21 -0.16 -0.10	24.92 -0.15 0.00	22.20 0.04 0.00
ONTARIO___LFGE 23819	21.30 -0.19 0.00	21.52 -0.12 0.00	17.82 -0.17 0.00	18.39 -0.07 0.00	17.29 -0.05 0.00	17.42 -0.02 0.00	34.86 0.19 -6.02	325.84 5.83 -3.11	67.54 0.35 -38.07	44.11 0.10 -22.05	39.01 0.07 -3.21	33.45 0.06 -1.96	43.79 0.37 -4.00	31.65 0.27 -2.25	28.47 -0.02 -0.81	26.45 -0.18 -0.02	20.72 -0.16 -1.09	29.06 -0.18 -0.30	38.57 0.01 -0.04	44.79 0.15 0.00	30.53 -0.04 -0.01	24.36 -0.06 -0.15	25.03 -0.04 0.00	22.22 0.05 0.00
ORANGEVILLE_WT_PWR 323706	20.50 -0.99 0.00	20.89 -0.75 0.00	17.30 -0.70 0.00	17.93 -0.54 0.00	16.90 -0.44 0.00	16.98 -0.46 0.00	33.20 -0.71 -5.25	310.75 -9.14 -2.98	62.19 -0.81 -33.88	40.76 -0.44 -19.23	37.72 -0.81 -2.80	32.28 -0.85 -1.71	42.32 -0.58 -3.49	30.69 -0.40 -1.96	27.48 -0.90 -0.71	25.49 -1.15 -0.02	20.19 -0.98 -1.38	28.02 -1.32 -0.38	37.40 -1.17 -0.06	43.59 -1.05 0.00	29.50 -1.07 -0.02	23.47 -1.00 -0.19	24.26 -0.81 0.00	21.67 -0.50 0.00
ORANGEVILLE___ESR 323794	20.50 -0.99 0.00	20.89 -0.75 0.00	17.30 -0.70 0.00	17.93 -0.54 0.00	16.90 -0.44 0.00	16.98 -0.46 0.00	33.20 -0.71 -5.25	310.75 -9.14 -2.98	62.19 -0.81 -33.88	40.76 -0.44 -19.23	37.72 -0.81 -2.80	32.28 -0.85 -1.71	42.32 -0.58 -3.49	30.69 -0.40 -1.96	27.48 -0.90 -0.71	25.49 -1.15 -0.02	20.19 -0.98 -1.38	28.02 -1.32 -0.38	37.40 -1.17 -0.06	43.59 -1.05 0.00	29.50 -1.07 -0.02	23.47 -1.00 -0.19	24.26 -0.81 0.00	21.67 -0.50 0.00
OSWEGATCHIE___HYD 24044	21.61 0.11 0.00	21.68 0.04 0.00	17.85 -0.15 0.00	18.26 -0.20 0.00	17.07 -0.27 0.00	17.17 -0.27 0.00	29.65 -0.40 -1.39	314.38 -3.32 -0.79	28.97 -0.15 0.00	21.88 -0.08 0.00	35.52 -0.20 0.00	31.13 -0.29 0.00	38.92 -0.49 0.00	28.66 -0.47 0.00	27.15 -0.53 0.00	26.16 -0.46 0.00	19.47 -0.33 0.00	28.75 -0.20 0.00	38.52 0.00 0.00	44.61 -0.03 0.00	30.38 -0.17 0.00	24.01 -0.26 0.00	24.64 -0.44 0.00	21.87 -0.29 0.00
OSWEGO___5 23606	21.00 -0.50 0.00	21.16 -0.48 0.00	17.57 -0.43 0.00	18.04 -0.43 0.00	16.93 -0.42 0.00	17.02 -0.42 0.00	60.17 -0.69 -32.20	305.37 -8.70 2.83	236.80 -0.70 -208.37	139.17 -0.51 -117.71	52.02 -0.87 -17.16	41.14 -0.77 -10.48	59.88 -0.89 -21.36	40.47 -0.66 -12.00	31.26 -0.73 -4.32	25.83 -0.79 0.00	19.23 -0.57 0.00	28.12 -0.83 0.00	37.47 -1.05 0.00	43.48 -1.16 0.00	29.74 -0.81 0.00	23.68 -0.60 0.00	24.48 -0.59 0.00	21.70 -0.46 0.00
OSWEGO___6 23613	21.00 -0.50 0.00	21.16 -0.48 0.00	17.57 -0.43 0.00	18.04 -0.43 0.00	16.93 -0.42 0.00	17.02 -0.42 0.00	60.17 -0.69 -32.20	305.37 -8.70 2.83	236.80 -0.70 -208.37	139.17 -0.51 -117.71	52.02 -0.87 -17.16	41.14 -0.77 -10.48	59.88 -0.89 -21.36	40.47 -0.66 -12.00	31.26 -0.73 -4.32	25.83 -0.79 0.00	19.23 -0.57 0.00	28.12 -0.83 0.00	37.47 -1.05 0.00	43.48 -1.16 0.00	29.74 -0.81 0.00	23.68 -0.60 0.00	24.48 -0.59 0.00	21.70 -0.46 0.00
OUTOKUMPU-AB___DRP 24206	20.48 -1.01 0.00	20.85 -0.79 0.00	17.30 -0.70 0.00	17.97 -0.50 0.00	16.85 -0.49 0.00	16.97 -0.46 0.00	32.46 -0.77 -4.57	307.34 -12.59 -3.02	57.52 -1.17 -29.56	38.06 -0.64 -16.75	37.19 -0.98 -2.44	32.10 -0.81 -1.49	41.67 -0.78 -3.04	30.34 -0.50 -1.71	27.41 -0.88 -0.61	25.44 -1.20 -0.02	20.03 -0.94 -1.17	27.85 -1.42 -0.33	36.87 -1.70 -0.05	43.07 -1.57 0.00	29.30 -1.26 -0.01	23.37 -1.06 -0.16	24.31 -0.77 0.00	21.58 -0.58 0.00
OXBOW___ 24026	20.26 -1.23 0.00	20.63 -1.01 0.00	17.11 -0.88 0.00	17.77 -0.69 0.00	16.66 -0.68 0.00	16.78 -0.66 0.00	32.09 -1.10 -4.54	302.73 -17.20 -3.02	56.84 -1.65 -29.37	37.74 -0.85 -16.64	36.70 -1.45 -2.43	31.68 -1.23 -1.48	41.17 -1.26 -3.02	30.00 -0.83 -1.70	27.09 -1.20 -0.61	25.11 -1.53 -0.02	19.77 -1.19 -1.17	27.46 -1.81 -0.32	36.31 -2.25 -0.05	42.43 -2.22 0.00	28.90 -1.66 -0.01	23.05 -1.38 -0.16	23.97 -1.10 0.00	21.32 -0.84 0.00
OXY_CHEM_DSASP 323612	19.97 -1.52 0.00	20.34 -1.30 0.00	16.88 -1.11 0.00	17.54 -0.93 0.00	16.45 -0.90 0.00	16.56 -0.88 0.00	31.60 -1.57 -4.51	296.87 -23.06 -3.03	55.90 -2.14 -28.91	37.17 -1.32 -16.53	36.06 -2.07 -2.41	31.11 -1.78 -1.47	40.38 -2.04 -3.00	29.45 -1.37 -1.69	26.61 -1.67 -0.61	24.68 -1.96 -0.02	19.45 -1.50 -1.16	26.98 -2.29 -0.32	35.60 -2.96 -0.05	41.61 -3.04 0.00	28.38 -2.19 -0.01	22.65 -1.78 -0.16	23.60 -1.47 0.00	21.02 -1.14 0.00
OZONE_PARK_ESR 323760	22.83 1.34 0.00	22.94 1.30 0.00	19.07 1.07 0.00	19.53 1.06 0.00	18.48 1.13 0.00	18.67 1.23 0.00	31.03 2.38 0.00	343.52 26.49 -0.12	36.71 2.46 -5.13	71.49 1.88 -47.65	38.76 3.03 0.00	34.15 2.73 0.00	42.60 3.18 0.00	31.44 2.31 0.00	30.03 2.35 0.00	29.51 2.43 -0.47	51.13 1.73 -29.61	39.72 2.53 -8.24	42.97 3.23 -1.22	48.50 3.86 0.00	33.42 2.54 -0.32	30.37 1.97 -4.13	27.13 2.06 0.00	23.68 1.52 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	19.97 -1.52 0.00	20.34 -1.30 0.00	16.88 -1.11 0.00	17.54 -0.93 0.00	16.45 -0.90 0.00	16.56 -0.88 0.00	31.60 -1.57 -4.51	296.87 -23.06 -3.03	55.90 -2.14 -28.91	37.17 -1.32 -16.53	36.06 -2.07 -2.41	31.11 -1.78 -1.47	40.38 -2.04 -3.00	29.45 -1.37 -1.69	26.61 -1.67 -0.61	24.68 -1.96 -0.02	19.45 -1.50 -1.16	26.98 -2.29 -0.32	35.60 -2.96 -0.05	41.61 -3.04 0.00	28.38 -2.19 -0.01	22.65 -1.78 -0.16	23.60 -1.47 0.00	21.02 -1.14 0.00

PACKARD__115KV_DUPONT_184 80571	19.97 -1.52 0.00	20.34 -1.30 0.00	16.88 -1.11 0.00	17.54 -0.93 0.00	16.45 -0.90 0.00	16.56 -0.88 0.00	31.60 -1.57 -4.51	296.87 -23.06 -3.03	55.90 -2.14 -28.91	37.17 -1.32 -16.53	36.06 -2.07 -2.41	31.11 -1.78 -1.47	40.38 -2.04 -3.00	29.45 -1.37 -1.69	26.61 -1.67 -0.61	24.68 -1.96 -0.02	19.45 -1.50 -1.16	26.98 -2.29 -0.32	35.60 -2.96 -0.05	41.61 -3.04 0.00	28.38 -2.19 -0.01	22.65 -1.78 -0.16	23.60 -1.47 0.00	21.02 -1.14 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	22.59 1.10 0.00	22.73 1.09 0.00	18.91 0.91 0.00	19.35 0.88 0.00	18.33 0.98 0.00	18.50 1.06 0.00	30.69 2.03 0.00	339.64 22.61 -0.12	36.38 2.12 -5.13	71.17 1.56 -47.65	38.33 2.60 0.00	33.79 2.37 0.00	42.09 2.69 0.00	31.07 1.94 0.00	29.71 2.03 0.00	29.18 2.10 -0.47	50.90 1.49 -29.61	39.43 2.23 -8.24	42.59 2.86 -1.22	48.03 3.38 0.00	33.17 2.30 -0.32	30.15 1.75 -4.13	26.89 1.82 0.00	23.50 1.34 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	22.60 1.11 0.00	22.73 1.09 0.00	18.94 0.94 0.00	19.36 0.89 0.00	18.35 1.00 0.00	18.51 1.08 0.00	30.69 2.03 0.00	339.64 22.61 -0.12	36.38 2.13 -5.13	71.15 1.54 -47.65	38.26 2.54 0.00	33.78 2.36 0.00	42.07 2.66 0.00	31.05 1.92 0.00	29.66 1.99 0.00	29.13 2.05 -0.47	50.86 1.45 -29.61	39.37 2.17 -8.24	42.52 2.78 -1.22	47.95 3.30 0.00	33.14 2.26 -0.32	30.15 1.75 -4.13	26.89 1.82 0.00	23.50 1.34 0.00
PATROON__115KV_TB1 80586	21.78 0.30 0.00	21.91 0.27 0.00	18.23 0.23 0.00	18.67 0.20 0.00	17.67 0.33 0.00	17.80 0.36 0.00	29.41 0.75 0.00	327.62 10.60 -0.11	36.54 0.85 -6.56	40.11 0.61 -17.53	36.59 0.87 0.00	32.16 0.73 0.00	40.27 0.86 0.00	29.77 0.64 0.00	28.41 0.73 0.00	28.03 0.82 -0.60	58.30 0.66 -37.85	40.51 1.02 -10.54	41.40 1.33 -1.56	46.19 1.55 0.00	31.97 1.00 -0.41	30.27 0.72 -5.28	25.73 0.66 0.00	22.55 0.38 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	20.95 -0.54 0.00	21.29 -0.35 0.00	17.63 -0.36 0.00	18.31 -0.16 0.00	17.17 -0.17 0.00	17.29 -0.15 0.00	33.37 -0.12 -4.84	317.38 -2.53 -3.00	60.05 -0.25 -31.18	39.62 -0.06 -17.71	38.25 -0.06 -2.58	32.96 -0.04 -1.58	42.92 0.29 -3.21	31.13 0.19 -1.81	28.08 -0.24 -0.65	26.11 -0.52 -0.02	20.61 -0.45 -1.26	28.65 -0.64 -0.35	37.93 -0.64 -0.05	44.25 -0.39 0.00	30.09 -0.48 -0.01	23.97 -0.48 -0.18	24.88 -0.19 0.00	22.01 -0.15 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	22.76 1.27 0.00	22.88 1.24 0.00	19.01 1.01 0.00	19.48 1.01 0.00	18.44 1.09 0.00	18.62 1.18 0.00	30.89 2.24 0.00	342.76 25.74 -0.12	36.75 2.36 -5.26	39.82 1.78 -16.08	38.47 2.74 0.00	33.89 2.47 0.00	42.32 2.91 0.00	31.25 2.12 0.00	29.71 2.04 0.00	29.19 2.10 -0.48	51.76 1.55 -30.42	39.75 2.33 -8.47	42.82 3.05 -1.25	48.26 3.62 0.00	33.29 2.40 -0.33	30.32 1.80 -4.24	26.92 1.85 0.00	23.51 1.35 0.00
PEEKSKILL____ 23653	22.51 1.03 0.00	22.63 0.99 0.00	18.81 0.81 0.00	19.27 0.80 0.00	18.23 0.89 0.00	18.39 0.95 0.00	30.47 1.82 0.00	337.48 20.46 -0.12	36.05 1.92 -5.00	74.45 1.44 -51.05	38.00 2.27 0.00	33.50 2.08 0.00	41.83 2.41 0.00	30.88 1.75 0.00	29.50 1.82 0.00	28.95 1.88 -0.45	50.01 1.36 -28.86	39.01 2.02 -8.04	42.30 2.59 -1.19	47.69 3.05 0.00	32.90 2.04 -0.31	29.84 1.54 -4.02	26.68 1.61 0.00	23.31 1.15 0.00
PGE MADISON__WINDPWR 24146	22.42 0.92 0.00	22.58 0.94 0.00	18.72 0.72 0.00	19.29 0.82 0.00	18.16 0.81 0.00	18.39 0.95 0.00	36.87 2.00 -6.21	347.06 27.86 -2.29	71.94 2.12 -40.69	46.09 1.48 -22.65	41.04 2.01 -3.30	35.14 1.70 -2.02	46.24 2.72 -4.11	33.39 1.95 -2.31	30.26 1.75 -0.83	28.34 1.63 -0.08	26.44 1.30 -5.35	32.58 2.14 -1.49	41.91 3.18 -0.22	48.36 3.72 0.00	32.95 2.34 -0.06	26.63 1.61 -0.75	26.62 1.54 0.00	23.42 1.26 0.00
PIERCEFIELD____HYD 23852	21.58 0.09 0.00	21.67 0.03 0.00	18.01 0.01 0.00	18.48 0.01 0.00	17.23 -0.12 0.00	17.30 -0.14 0.00	28.33 -0.33 0.00	312.64 -4.71 -0.45	28.77 -0.35 0.00	21.69 -0.27 0.00	35.31 -0.41 0.00	31.05 -0.37 0.00	38.95 -0.46 0.00	28.77 -0.36 0.00	27.38 -0.30 0.00	26.37 -0.24 0.00	19.59 -0.21 0.00	28.79 -0.16 0.00	38.45 -0.06 0.00	44.41 -0.24 0.00	30.39 -0.16 0.00	24.11 -0.16 0.00	24.82 -0.25 0.00	22.01 -0.15 0.00
PINELAWN_CC_1 323563	22.82 1.34 0.00	22.98 1.34 0.00	19.08 1.08 0.00	19.54 1.07 0.00	18.54 1.20 0.00	18.74 1.30 0.00	30.90 2.25 0.00	339.48 22.45 -0.12	36.60 2.34 -5.14	71.19 1.69 -47.54	38.03 2.30 0.00	33.77 2.35 0.00	42.20 2.78 0.00	31.35 2.22 0.00	30.30 2.63 0.00	29.73 2.65 -0.47	51.40 1.97 -29.63	39.86 2.66 -8.25	43.02 3.28 -1.22	48.30 3.65 0.00	33.55 2.67 -0.32	30.46 2.05 -4.13	27.28 2.20 0.00	23.80 1.64 0.00
PJM_GEN_HTP_PROXY 323702	22.65 1.16 0.00	22.76 1.12 0.00	18.93 0.93 0.00	19.39 0.92 0.00	18.34 1.00 0.00	18.53 1.09 0.00	30.78 2.13 0.00	340.69 23.67 -0.12	36.44 2.19 -5.13	72.12 1.67 -48.49	38.39 2.68 0.02	33.87 2.45 0.00	42.21 2.80 0.00	31.44 2.01 -0.30	30.15 2.08 -0.39	30.17 2.17 -1.39	50.93 1.53 -29.61	39.41 2.22 -8.24	42.55 2.81 -1.22	48.03 3.39 0.00	33.08 2.21 -0.32	30.12 1.71 -4.13	26.88 1.81 0.00	23.48 1.32 0.00
PJM_GEN_KEystone 24065	21.67 0.18 0.00	21.87 0.23 0.00	18.15 0.15 0.00	18.70 0.23 0.00	17.60 0.26 0.00	17.73 0.29 0.00	31.69 0.70 -2.34	326.76 8.47 -1.38	47.46 0.71 -17.62	-20.03 0.59 42.59	37.73 0.85 -1.15	32.97 0.79 -0.76	42.00 1.07 -1.52	31.06 0.76 -1.17	31.96 0.60 -3.68	28.32 0.54 -1.17	35.54 0.34 -15.41	33.72 0.55 -4.23	39.91 0.76 -0.64	45.69 1.05 0.00	31.31 0.59 -0.17	26.80 0.38 -2.15	25.62 0.54 0.00	22.51 0.34 0.00
PJM_GEN_NEPTUNE_PROXY 323594	22.56 1.07 0.00	22.70 1.06 0.00	18.86 0.86 0.00	19.32 0.85 0.00	18.31 0.96 0.00	18.50 1.07 0.00	30.49 1.84 0.00	335.41 18.38 -0.12	36.21 1.95 -5.14	71.77 1.44 -48.37	37.74 2.04 0.02	33.49 2.07 0.00	41.82 2.41 0.00	31.35 1.92 -0.30	30.27 2.20 -0.39	30.21 2.21 -1.39	51.01 1.59 -29.63	39.37 2.18 -8.25	42.40 2.66 -1.22	47.65 3.00 0.00	33.06 2.19 -0.32	30.10 1.70 -4.13	26.90 1.83 0.00	23.51 1.35 0.00
PJM_GEN_VFT_PROXY 323633	22.60 1.11 0.00	22.72 1.08 0.00	18.89 0.89 0.00	19.35 0.88 0.00	18.30 0.95 0.00	18.47 1.04 0.00	30.64 1.99 0.00	338.91 21.89 -0.12	35.99 2.05 -4.81	44.52 1.57 -20.99	37.10 2.46 1.09	33.68 2.26 0.00	41.50 2.60 0.51	31.32 1.89 -0.30	30.02 1.95 -0.39	30.04 2.03 -1.39	50.60 1.42 -29.38	38.25 2.06 -7.25	42.34 2.61 -1.22	47.80 3.15 0.00	32.92 2.04 -0.32	30.01 1.60 -4.13	26.79 1.71 0.00	23.41 1.25 0.00
PLATSBURG_115KV_PMLD1 355749	22.01 0.52 0.00	22.10 0.46 0.00	18.45 0.45 0.00	18.82 0.36 0.00	17.60 0.25 0.00	17.73 0.29 0.00	28.89 0.23 0.00	318.88 1.79 -0.19	29.46 0.33 0.00	22.16 0.20 0.00	36.20 0.47 0.00	32.02 0.60 0.00	40.42 1.01 0.00	29.80 0.66 0.00	28.82 1.14 0.00	27.93 1.31 0.00	20.64 0.84 0.00	30.23 1.29 0.00	40.17 1.65 0.00	45.60 0.96 0.00	31.33 0.78 0.00	24.82 0.55 0.00	25.42 0.35 0.00	22.53 0.36 0.00

PLEASANTVLY___LBMP 24000	22.40 0.91 0.00	22.51 0.87 0.00	18.72 0.72 0.00	19.18 0.71 0.00	18.16 0.81 0.00	18.31 0.87 0.00	30.30 1.64 0.00	335.79 18.77 -0.12	36.41 1.76 -5.53	56.91 1.33 -33.61	37.78 2.05 0.00	33.27 1.85 0.00	41.55 2.14 0.00	30.68 1.55 0.00	29.30 1.62 0.00	28.82 1.70 -0.50	52.94 1.24 -31.91	39.69 1.86 -8.89	42.22 2.39 -1.32	47.46 2.82 0.00	32.77 1.87 -0.35	30.13 1.40 -4.45	26.51 1.44 0.00	23.18 1.02 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	22.57 1.08 0.00	22.68 1.03 0.00	18.85 0.85 0.00	19.31 0.85 0.00	18.28 0.93 0.00	18.45 1.01 0.00	30.58 1.93 0.00	338.72 21.70 -0.12	36.39 2.03 -5.24	66.93 1.55 -43.42	38.15 2.42 0.00	33.62 2.20 0.00	41.97 2.56 0.00	30.99 1.86 0.00	29.59 1.91 0.00	29.10 2.00 -0.48	51.48 1.44 -30.24	39.51 2.14 -8.42	42.51 2.75 -1.25	47.88 3.24 0.00	33.03 2.15 -0.33	30.12 1.62 -4.22	26.76 1.68 0.00	23.38 1.22 0.00
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	22.57 1.08 0.00	22.68 1.03 0.00	18.85 0.85 0.00	19.31 0.85 0.00	18.28 0.93 0.00	18.45 1.01 0.00	30.58 1.93 0.00	338.72 21.70 -0.12	36.39 2.03 -5.24	66.93 1.55 -43.42	38.15 2.42 0.00	33.62 2.20 0.00	41.97 2.56 0.00	30.99 1.86 0.00	29.59 1.91 0.00	29.10 2.00 -0.48	51.48 1.44 -30.24	39.51 2.14 -8.42	42.51 2.75 -1.25	47.88 3.24 0.00	33.03 2.15 -0.33	30.12 1.62 -4.22	26.76 1.68 0.00	23.38 1.22 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	22.56 1.07 0.00	22.68 1.03 0.00	18.85 0.85 0.00	19.32 0.85 0.00	18.29 0.94 0.00	18.45 1.02 0.00	30.56 1.90 0.00	338.95 21.93 -0.12	36.53 2.04 -5.37	41.98 1.52 -18.49	38.02 2.30 0.00	33.48 2.06 0.00	41.79 2.38 0.00	30.91 1.78 0.00	29.46 1.78 0.00	28.93 1.82 -0.49	52.14 1.36 -30.98	39.65 2.08 -8.63	42.51 2.72 -1.28	47.86 3.22 0.00	33.04 2.15 -0.34	30.20 1.60 -4.32	26.71 1.64 0.00	23.33 1.17 0.00
POLETTI____ 23519	22.62 1.13 0.00	22.74 1.10 0.00	18.91 0.91 0.00	19.37 0.90 0.00	18.33 0.98 0.00	18.51 1.07 0.00	30.72 2.06 0.00	339.85 22.83 -0.12	36.39 2.13 -5.13	71.24 1.62 -47.65	38.36 2.63 0.00	33.82 2.40 0.00	42.16 2.75 0.00	31.11 1.98 0.00	29.72 2.04 0.00	29.20 2.12 -0.47	50.90 1.50 -29.61	39.39 2.19 -8.24	42.51 2.77 -1.22	47.95 3.31 0.00	33.06 2.19 -0.32	30.09 1.69 -4.13	26.86 1.79 0.00	23.45 1.29 0.00
POMONA___ESR 323819	22.53 1.04 0.00	22.64 1.00 0.00	18.81 0.82 0.00	19.28 0.82 0.00	18.24 0.89 0.00	18.40 0.96 0.00	30.47 1.81 0.00	337.63 20.60 -0.12	35.77 1.93 -4.72	-40.51 1.45 63.93	37.99 2.26 0.00	33.51 2.09 0.00	41.86 2.45 0.00	30.90 1.77 0.00	29.51 1.83 0.00	28.92 1.87 -0.43	48.40 1.36 -27.25	38.57 2.04 -7.59	42.25 2.61 -1.12	47.70 3.06 0.00	32.89 2.04 -0.30	29.63 1.56 -3.80	26.70 1.63 0.00	23.33 1.16 0.00
PORT_JEFF_3 23555	22.95 1.46 0.00	23.11 1.47 0.00	19.19 1.20 0.00	19.67 1.20 0.00	18.67 1.32 0.00	18.88 1.45 0.00	31.12 2.47 0.00	341.13 24.10 -0.12	36.77 2.51 -5.14	71.32 1.82 -47.54	37.82 2.09 0.00	33.87 2.45 0.00	42.35 2.94 0.00	31.43 2.30 0.00	30.53 2.85 0.00	29.97 2.89 -0.47	51.58 2.16 -29.63	39.96 2.77 -8.25	42.98 3.24 -1.22	48.16 3.52 0.00	33.51 2.64 -0.32	30.49 2.09 -4.13	27.37 2.30 0.00	23.86 1.70 0.00
PORT_JEFF_4 23616	22.95 1.46 0.00	23.11 1.47 0.00	19.19 1.20 0.00	19.67 1.20 0.00	18.67 1.32 0.00	18.88 1.45 0.00	31.12 2.47 0.00	341.13 24.10 -0.12	36.77 2.51 -5.14	71.32 1.82 -47.54	37.82 2.09 0.00	33.87 2.45 0.00	42.35 2.94 0.00	31.43 2.30 0.00	30.53 2.85 0.00	29.97 2.89 -0.47	51.58 2.16 -29.63	39.96 2.77 -8.25	42.98 3.24 -1.22	48.16 3.52 0.00	33.51 2.64 -0.32	30.49 2.09 -4.13	27.37 2.30 0.00	23.86 1.70 0.00
PORT_JEFF_IC 23713	22.99 1.50 0.00	23.15 1.51 0.00	19.22 1.23 0.00	19.70 1.23 0.00	18.70 1.36 0.00	18.92 1.48 0.00	31.19 2.54 0.00	341.90 24.88 -0.12	36.82 2.56 -5.14	71.38 1.88 -47.54	37.87 2.15 0.00	33.92 2.50 0.00	42.44 3.03 0.00	31.50 2.37 0.00	30.62 2.95 0.00	30.07 2.98 -0.47	51.67 2.24 -29.63	40.09 2.89 -8.25	43.12 3.39 -1.22	48.27 3.63 0.00	33.59 2.71 -0.32	30.54 2.13 -4.13	27.41 2.34 0.00	23.88 1.72 0.00
PPL PILGRIM_ST_GT1 24216	22.99 1.50 0.00	23.16 1.52 0.00	19.22 1.22 0.00	19.70 1.23 0.00	18.69 1.34 0.00	18.90 1.46 0.00	31.10 2.45 0.00	338.90 21.88 -0.12	36.77 2.51 -5.14	71.34 1.84 -47.54	38.11 2.38 0.00	33.98 2.56 0.00	42.50 3.09 0.00	31.58 2.44 0.00	30.61 2.94 0.00	30.04 2.96 -0.47	51.64 2.22 -29.63	40.00 2.80 -8.25	43.12 3.38 -1.22	48.22 3.58 0.00	33.72 2.85 -0.32	30.67 2.26 -4.13	27.52 2.45 0.00	23.98 1.82 0.00
PPL PILGRIM_ST_GT2 24217	22.99 1.50 0.00	23.16 1.52 0.00	19.22 1.22 0.00	19.70 1.23 0.00	18.69 1.34 0.00	18.90 1.46 0.00	31.10 2.45 0.00	338.90 21.88 -0.12	36.77 2.51 -5.14	71.34 1.84 -47.54	38.11 2.38 0.00	33.98 2.56 0.00	42.50 3.09 0.00	31.58 2.44 0.00	30.61 2.94 0.00	30.04 2.96 -0.47	51.64 2.22 -29.63	40.00 2.80 -8.25	43.12 3.38 -1.22	48.22 3.58 0.00	33.72 2.85 -0.32	30.67 2.26 -4.13	27.52 2.45 0.00	23.98 1.82 0.00
PPL_SHRM_GT3 24213	23.03 1.53 0.00	23.18 1.54 0.00	19.25 1.26 0.00	19.73 1.26 0.00	18.74 1.39 0.00	18.96 1.52 0.00	31.25 2.60 0.00	342.39 25.37 -0.12	36.86 2.60 -5.14	71.39 1.90 -47.54	37.97 2.24 0.00	33.89 2.47 0.00	42.46 3.05 0.00	31.54 2.41 0.00	30.72 3.05 0.00	30.16 3.08 -0.47	51.77 2.35 -29.63	40.32 3.12 -8.25	43.54 3.81 -1.22	48.85 4.20 0.00	33.98 3.10 -0.32	30.69 2.29 -4.13	27.52 2.45 0.00	23.99 1.83 0.00
PPL_SHRM_GT4 24214	23.03 1.53 0.00	23.18 1.54 0.00	19.25 1.26 0.00	19.73 1.26 0.00	18.74 1.39 0.00	18.96 1.52 0.00	31.25 2.60 0.00	342.39 25.37 -0.12	36.86 2.60 -5.14	71.39 1.90 -47.54	37.97 2.24 0.00	33.89 2.47 0.00	42.46 3.05 0.00	31.54 2.41 0.00	30.72 3.05 0.00	30.16 3.08 -0.47	51.77 2.35 -29.63	40.32 3.12 -8.25	43.54 3.81 -1.22	48.85 4.20 0.00	33.98 3.10 -0.32	30.69 2.29 -4.13	27.52 2.45 0.00	23.99 1.83 0.00
PROJECT___ORANGE 1 24174	21.26 -0.23 0.00	21.43 -0.21 0.00	17.78 -0.21 0.00	18.27 -0.20 0.00	17.16 -0.19 0.00	17.26 -0.18 0.00	33.96 -0.20 -5.50	320.08 0.29 -2.89	64.07 -0.12 -35.07	42.00 -0.16 -20.20	38.36 -0.31 -2.94	32.97 -0.25 -1.80	42.87 -0.21 -3.67	31.04 -0.15 -2.06	28.10 -0.32 -0.74	26.19 -0.44 -0.01	20.18 -0.29 -0.67	28.73 -0.41 -0.19	38.01 -0.53 -0.03	44.09 -0.55 0.00	30.13 -0.43 -0.01	24.07 -0.30 -0.09	24.78 -0.29 0.00	21.98 -0.18 0.00
PROJECT___ORANGE 2 24166	21.26 -0.23 0.00	21.43 -0.21 0.00	17.78 -0.21 0.00	18.27 -0.20 0.00	17.16 -0.19 0.00	17.26 -0.18 0.00	33.96 -0.20 -5.50	320.08 0.29 -2.89	64.07 -0.12 -35.07	42.00 -0.16 -20.20	38.36 -0.31 -2.94	32.97 -0.25 -1.80	42.87 -0.21 -3.67	31.04 -0.15 -2.06	28.10 -0.32 -0.74	26.19 -0.44 -0.01	20.18 -0.29 -0.67	28.73 -0.41 -0.19	38.01 -0.53 -0.03	44.09 -0.55 0.00	30.13 -0.43 -0.01	24.07 -0.30 -0.09	24.78 -0.29 0.00	21.98 -0.18 0.00

PUCKETT___SOLAR 323809	21.66 0.17 0.00	21.83 0.19 0.00	18.08 0.09 0.00	18.65 0.18 0.00	17.53 0.18 0.00	17.67 0.23 0.00	36.25 0.69 -6.91	330.76 11.35 -2.50	75.11 0.75 -45.25	47.63 0.41 -25.26	39.81 0.40 -3.68	33.96 0.29 -2.25	44.66 0.66 -4.58	32.19 0.48 -2.58	28.92 0.32 -0.93	26.93 0.24 -0.06	23.95 0.14 -4.01	30.48 0.41 -1.12	39.47 0.79 -0.16	45.69 1.05 0.00	31.17 0.58 -0.04	25.15 0.32 -0.56	25.42 0.35 0.00	22.42 0.26 0.00
PYRITES___HYD 24023	21.85 0.36 0.00	21.94 0.30 0.00	18.25 0.25 0.00	18.74 0.27 0.00	17.47 0.12 0.00	17.55 0.11 0.00	28.85 0.19 0.00	325.30 8.03 -0.37	29.91 0.79 0.00	22.50 0.54 0.00	36.60 0.87 0.00	32.12 0.70 0.00	40.28 0.87 0.00	29.79 0.66 0.00	28.33 0.66 0.00	27.28 0.66 0.00	20.23 0.43 0.00	29.66 0.71 0.00	38.97 0.45 0.00	45.04 0.40 0.00	30.84 0.28 0.00	24.47 0.19 0.00	25.19 0.12 0.00	22.31 0.15 0.00
QUAKERRD_115KV_BK1 80622	20.55 -0.94 0.00	20.77 -0.88 0.00	17.23 -0.76 0.00	17.76 -0.70 0.00	16.69 -0.66 0.00	16.81 -0.63 0.00	31.55 -0.94 -3.83	309.64 -10.36 -3.10	52.63 -0.98 -24.48	35.34 -0.68 -14.06	36.71 -1.07 -2.05	31.73 -0.95 -1.25	40.91 -1.05 -2.55	29.79 -0.78 -1.43	27.23 -0.96 -0.52	25.51 -1.12 -0.01	19.84 -0.82 -0.86	27.99 -1.19 -0.24	37.06 -1.49 -0.04	43.06 -1.59 0.00	29.38 -1.18 -0.01	23.44 -0.95 -0.12	24.16 -0.91 0.00	21.40 -0.76 0.00
QUEENSBRY_115KV_TB8 356137	22.57 1.08 0.00	22.67 1.03 0.00	18.87 0.87 0.00	19.33 0.86 0.00	18.28 0.93 0.00	18.50 1.06 0.00	30.51 1.85 0.00	341.59 24.57 -0.11	37.91 2.09 -6.70	40.33 1.48 -16.89	37.91 2.18 0.00	33.16 1.73 0.00	41.73 2.32 0.00	30.82 1.69 0.00	29.46 1.78 0.00	29.10 1.88 -0.61	59.94 1.51 -38.64	42.08 2.38 -10.76	43.40 3.29 -1.59	48.42 3.78 0.00	33.43 2.46 -0.42	31.44 1.78 -5.39	26.68 1.62 0.00	23.21 1.05 0.00
RAMAPO___LBMP 323565	22.46 0.97 0.00	22.57 0.93 0.00	18.76 0.76 0.00	19.23 0.76 0.00	18.18 0.84 0.00	18.34 0.90 0.00	30.37 1.72 0.00	336.38 19.35 -0.12	35.61 1.81 -4.68	-39.57 1.37 62.90	37.85 2.12 0.00	33.38 1.96 0.00	41.72 2.30 0.00	30.80 1.66 0.00	29.39 1.72 0.00	28.80 1.76 -0.43	48.09 1.28 -27.02	38.39 1.92 -7.52	42.08 2.45 -1.11	47.52 2.87 0.00	32.77 1.93 -0.29	29.50 1.46 -3.77	26.59 1.52 0.00	23.25 1.09 0.00
RANKINE____ 23646	20.67 -0.82 0.00	21.02 -0.62 0.00	17.42 -0.58 0.00	18.09 -0.38 0.00	16.98 -0.37 0.00	17.10 -0.34 0.00	32.94 -0.49 -4.77	312.41 -7.50 -3.01	59.20 -0.69 -30.77	39.08 -0.36 -17.48	37.74 -0.54 -2.55	32.51 -0.47 -1.56	42.33 -0.25 -3.17	30.73 -0.18 -1.78	27.70 -0.62 -0.64	25.75 -0.88 -0.02	20.31 -0.72 -1.24	28.24 -1.05 -0.35	37.42 -1.15 -0.05	43.65 -1.00 0.00	29.68 -0.89 -0.01	23.62 -0.83 -0.17	24.54 -0.53 0.00	21.74 -0.42 0.00
RAVENSWOOD_GT2_1 24244	22.64 1.16 0.00	22.76 1.12 0.00	18.92 0.92 0.00	19.38 0.91 0.00	18.34 0.99 0.00	18.52 1.08 0.00	30.74 2.09 0.00	340.15 23.13 -0.12	36.42 2.16 -5.13	71.25 1.64 -47.65	38.39 2.66 0.00	33.84 2.42 0.00	42.20 2.79 0.00	31.15 2.02 0.00	29.76 2.08 0.00	29.24 2.15 -0.47	50.93 1.53 -29.61	39.42 2.23 -8.24	42.56 2.82 -1.22	47.98 3.34 0.00	33.10 2.22 -0.32	30.12 1.71 -4.13	26.88 1.80 0.00	23.48 1.32 0.00
RAVENSWOOD_GT2_2 24245	22.64 1.16 0.00	22.76 1.12 0.00	18.92 0.92 0.00	19.38 0.91 0.00	18.34 0.99 0.00	18.52 1.08 0.00	30.74 2.09 0.00	340.15 23.13 -0.12	36.42 2.16 -5.13	71.25 1.64 -47.65	38.39 2.66 0.00	33.84 2.42 0.00	42.20 2.79 0.00	31.15 2.02 0.00	29.76 2.08 0.00	29.24 2.15 -0.47	50.93 1.53 -29.61	39.42 2.23 -8.24	42.56 2.82 -1.22	47.98 3.34 0.00	33.10 2.22 -0.32	30.12 1.71 -4.13	26.88 1.80 0.00	23.48 1.32 0.00
RAVENSWOOD_GT2_3 24246	22.64 1.15 0.00	22.76 1.12 0.00	18.92 0.92 0.00	19.37 0.90 0.00	18.33 0.99 0.00	18.51 1.08 0.00	30.74 2.08 0.00	340.09 23.07 -0.12	36.41 2.15 -5.13	71.25 1.64 -47.64	38.38 2.66 0.00	33.84 2.42 0.00	42.20 2.79 0.00	31.15 2.02 0.00	29.76 2.08 0.00	29.23 2.15 -0.47	50.93 1.53 -29.61	39.42 2.23 -8.24	42.56 2.82 -1.22	47.99 3.34 0.00	33.10 2.22 -0.32	30.12 1.72 -4.13	26.88 1.80 0.00	23.47 1.31 0.00
RAVENSWOOD_GT2_4 24247	22.64 1.15 0.00	22.76 1.12 0.00	18.92 0.92 0.00	19.37 0.90 0.00	18.33 0.99 0.00	18.51 1.08 0.00	30.74 2.08 0.00	340.09 23.07 -0.12	36.41 2.15 -5.13	71.25 1.64 -47.64	38.38 2.66 0.00	33.84 2.42 0.00	42.20 2.79 0.00	31.15 2.02 0.00	29.76 2.08 0.00	29.23 2.15 -0.47	50.93 1.53 -29.61	39.42 2.23 -8.24	42.56 2.82 -1.22	47.99 3.34 0.00	33.10 2.22 -0.32	30.12 1.72 -4.13	26.88 1.80 0.00	23.47 1.31 0.00
RAVENSWOOD_GT3_1 24248	22.64 1.16 0.00	22.76 1.12 0.00	18.92 0.92 0.00	19.38 0.91 0.00	18.34 0.99 0.00	18.52 1.08 0.00	30.74 2.09 0.00	340.15 23.13 -0.12	36.42 2.16 -5.13	71.25 1.64 -47.65	38.38 2.65 0.00	33.84 2.42 0.00	42.20 2.79 0.00	31.15 2.02 0.00	29.76 2.08 0.00	29.24 2.15 -0.47	50.93 1.52 -29.61	39.42 2.23 -8.24	42.56 2.82 -1.22	47.98 3.34 0.00	33.09 2.22 -0.32	30.12 1.71 -4.13	26.88 1.80 0.00	23.48 1.32 0.00
RAVENSWOOD_GT3_2 24249	22.64 1.16 0.00	22.76 1.12 0.00	18.92 0.92 0.00	19.38 0.91 0.00	18.34 0.99 0.00	18.52 1.08 0.00	30.74 2.09 0.00	340.15 23.13 -0.12	36.42 2.16 -5.13	71.25 1.64 -47.65	38.38 2.65 0.00	33.84 2.42 0.00	42.20 2.79 0.00	31.15 2.02 0.00	29.76 2.08 0.00	29.24 2.15 -0.47	50.93 1.52 -29.61	39.42 2.23 -8.24	42.56 2.82 -1.22	47.98 3.34 0.00	33.09 2.22 -0.32	30.12 1.71 -4.13	26.88 1.80 0.00	23.48 1.32 0.00
RAVENSWOOD_GT3_3 24250	22.67 1.18 0.00	22.78 1.14 0.00	18.94 0.94 0.00	19.40 0.93 0.00	18.36 1.01 0.00	18.54 1.10 0.00	30.78 2.12 0.00	340.53 23.50 -0.12	36.46 2.21 -5.13	71.29 1.68 -47.65	38.44 2.71 0.00	33.90 2.48 0.00	42.27 2.86 0.00	31.19 2.06 0.00	29.80 2.12 0.00	29.28 2.20 -0.47	50.97 1.56 -29.61	39.47 2.28 -8.24	42.62 2.89 -1.22	48.07 3.42 0.00	33.14 2.27 -0.32	30.16 1.76 -4.13	26.91 1.84 0.00	23.50 1.34 0.00
RAVENSWOOD_GT3_4 24251	22.67 1.18 0.00	22.78 1.14 0.00	18.94 0.94 0.00	19.40 0.93 0.00	18.36 1.01 0.00	18.54 1.10 0.00	30.78 2.12 0.00	340.53 23.50 -0.12	36.46 2.21 -5.13	71.29 1.68 -47.65	38.44 2.71 0.00	33.90 2.48 0.00	42.27 2.86 0.00	31.19 2.06 0.00	29.80 2.12 0.00	29.28 2.20 -0.47	50.97 1.56 -29.61	39.47 2.28 -8.24	42.62 2.89 -1.22	48.07 3.42 0.00	33.14 2.27 -0.32	30.16 1.76 -4.13	26.91 1.84 0.00	23.50 1.34 0.00
RAVENSWOOD_GT_1 23729	22.70 1.21 0.00	22.81 1.17 0.00	18.97 0.97 0.00	19.42 0.95 0.00	18.39 1.04 0.00	18.57 1.13 0.00	30.82 2.16 0.00	341.13 24.11 -0.12	36.53 2.27 -5.14	71.27 1.66 -47.65	38.50 2.77 0.00	33.97 2.55 -0.01	43.41 2.93 -1.06	31.26 2.12 -0.01	29.86 2.18 -0.01	29.34 2.25 -0.47	51.01 1.60 -29.61	39.54 2.34 -8.25	42.70 2.96 -1.22	48.14 3.50 0.00	33.24 2.36 -0.32	30.24 1.84 -4.13	26.99 1.91 0.00	23.56 1.40 0.00



RAVENSWOOD_GT_10 24258	22.64 1.16 0.00	22.76 1.12 0.00	18.92 0.92 0.00	19.38 0.91 0.00	18.34 0.99 0.00	18.52 1.08 0.00	30.74 2.09 0.00	340.15 23.13 -0.12	36.42 2.16 -5.13	71.25 1.64 -47.65	38.38 2.66 0.00	33.84 2.42 0.00	42.20 2.79 0.00	31.15 2.02 0.00	29.76 2.08 0.00	29.24 2.15 -0.47	50.93 1.53 -29.61	39.42 2.23 -8.24	42.56 2.82 -1.22	47.98 3.34 0.00	33.10 2.22 -0.32	30.12 1.71 -4.13	26.88 1.80 0.00	23.48 1.32 0.00
RAVENSWOOD_GT_11 24259	22.64 1.16 0.00	22.76 1.12 0.00	18.92 0.92 0.00	19.38 0.91 0.00	18.34 0.99 0.00	18.52 1.08 0.00	30.74 2.09 0.00	340.16 23.14 -0.12	36.42 2.17 -5.13	71.24 1.63 -47.65	38.39 2.66 0.00	33.84 2.42 0.00	42.19 2.78 0.00	31.14 2.01 0.00	29.75 2.07 0.00	29.23 2.15 -0.47	50.94 1.53 -29.61	39.42 2.23 -8.24	42.56 2.83 -1.22	47.99 3.35 0.00	33.09 2.22 -0.32	30.12 1.72 -4.13	26.88 1.81 0.00	23.48 1.32 0.00
RAVENSWOOD_GT_4 24252	22.63 1.15 0.00	22.75 1.11 0.00	18.91 0.91 0.00	19.37 0.90 0.00	18.33 0.98 0.00	18.51 1.07 0.00	30.73 2.07 0.00	339.93 22.90 -0.12	36.40 2.14 -5.13	71.25 1.64 -47.65	38.37 2.64 0.00	33.83 2.41 0.00	42.18 2.76 0.00	31.13 2.00 0.00	29.74 2.06 0.00	29.22 2.14 -0.47	50.92 1.51 -29.61	39.41 2.21 -8.24	42.55 2.81 -1.22	47.98 3.33 0.00	33.08 2.21 -0.32	30.11 1.71 -4.13	26.87 1.80 0.00	23.47 1.31 0.00
RAVENSWOOD_GT_5 24254	22.63 1.15 0.00	22.75 1.11 0.00	18.91 0.91 0.00	19.37 0.90 0.00	18.33 0.98 0.00	18.51 1.07 0.00	30.73 2.07 0.00	339.93 22.90 -0.12	36.40 2.14 -5.13	71.25 1.64 -47.65	38.37 2.64 0.00	33.83 2.41 0.00	42.18 2.76 0.00	31.13 2.00 0.00	29.74 2.06 0.00	29.22 2.14 -0.47	50.92 1.51 -29.61	39.41 2.21 -8.24	42.55 2.81 -1.22	47.98 3.33 0.00	33.08 2.21 -0.32	30.11 1.71 -4.13	26.87 1.80 0.00	23.47 1.31 0.00
RAVENSWOOD_GT_6 24253	22.63 1.15 0.00	22.75 1.11 0.00	18.91 0.91 0.00	19.37 0.90 0.00	18.33 0.98 0.00	18.51 1.07 0.00	30.73 2.07 0.00	339.93 22.90 -0.12	36.40 2.14 -5.13	71.25 1.64 -47.65	38.37 2.64 0.00	33.83 2.41 0.00	42.18 2.76 0.00	31.13 2.00 0.00	29.74 2.06 0.00	29.22 2.14 -0.47	50.92 1.51 -29.61	39.41 2.21 -8.24	42.55 2.81 -1.22	47.98 3.33 0.00	33.08 2.21 -0.32	30.11 1.71 -4.13	26.87 1.80 0.00	23.47 1.31 0.00
RAVENSWOOD_GT_7 24255	22.63 1.15 0.00	22.75 1.11 0.00	18.91 0.91 0.00	19.37 0.90 0.00	18.33 0.98 0.00	18.51 1.07 0.00	30.73 2.07 0.00	339.93 22.90 -0.12	36.40 2.14 -5.13	71.25 1.64 -47.65	38.37 2.64 0.00	33.83 2.41 0.00	42.18 2.76 0.00	31.13 2.00 0.00	29.74 2.06 0.00	29.22 2.14 -0.47	50.92 1.51 -29.61	39.41 2.21 -8.24	42.55 2.81 -1.22	47.98 3.33 0.00	33.08 2.21 -0.32	30.11 1.71 -4.13	26.87 1.80 0.00	23.47 1.31 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	22.64 1.16 0.00	22.76 1.12 0.00	18.92 0.92 0.00	19.38 0.91 0.00	18.34 0.99 0.00	18.52 1.08 0.00	30.74 2.09 0.00	340.15 23.13 -0.12	36.42 2.16 -5.13	71.25 1.64 -47.65	38.38 2.66 0.00	33.84 2.42 0.00	42.20 2.79 0.00	31.15 2.02 0.00	29.76 2.08 0.00	29.24 2.15 -0.47	50.93 1.53 -29.61	39.42 2.23 -8.24	42.56 2.82 -1.22	47.98 3.34 0.00	33.10 2.22 -0.32	30.12 1.71 -4.13	26.88 1.80 0.00	23.48 1.32 0.00
RAVENSWOOD_GT_9 24257	22.64 1.16 0.00	22.76 1.12 0.00	18.92 0.92 0.00	19.38 0.91 0.00	18.34 0.99 0.00	18.52 1.08 0.00	30.74 2.09 0.00	340.15 23.13 -0.12	36.42 2.16 -5.13	71.25 1.64 -47.65	38.38 2.66 0.00	33.84 2.42 0.00	42.20 2.79 0.00	31.15 2.02 0.00	29.76 2.08 0.00	29.24 2.15 -0.47	50.93 1.53 -29.61	39.42 2.23 -8.24	42.56 2.82 -1.22	47.98 3.34 0.00	33.10 2.22 -0.32	30.12 1.71 -4.13	26.88 1.80 0.00	23.48 1.32 0.00
RAVENSWOOD___1 23533	22.70 1.21 0.00	22.81 1.17 0.00	18.97 0.97 0.00	19.42 0.95 0.00	18.39 1.04 0.00	18.57 1.13 0.00	30.82 2.16 0.00	341.13 24.11 -0.12	36.53 2.27 -5.14	71.27 1.66 -47.65	38.50 2.77 0.00	33.97 2.55 -0.01	43.41 2.93 -1.06	31.26 2.12 -0.01	29.86 2.18 -0.01	29.34 2.25 -0.47	51.01 1.60 -29.61	39.54 2.34 -8.25	42.69 2.96 -1.22	48.13 3.49 0.00	33.22 2.35 -0.32	30.22 1.82 -4.13	26.97 1.90 0.00	23.55 1.39 0.00
RAVENSWOOD___2 23534	22.70 1.21 0.00	22.81 1.17 0.00	18.97 0.97 0.00	19.42 0.95 0.00	18.39 1.04 0.00	18.57 1.13 0.00	30.82 2.16 0.00	341.13 24.11 -0.12	36.53 2.27 -5.14	71.27 1.66 -47.65	38.50 2.77 0.00	33.97 2.55 -0.01	43.41 2.93 -1.06	31.26 2.12 -0.01	29.86 2.18 -0.01	29.34 2.25 -0.47	51.01 1.60 -29.61	39.54 2.34 -8.25	42.69 2.96 -1.22	48.11 3.47 0.00	33.20 2.33 -0.32	30.20 1.80 -4.13	26.95 1.88 0.00	23.54 1.37 0.00
RAVENSWOOD___3 23535	22.64 1.15 0.00	22.75 1.11 0.00	18.92 0.92 0.00	19.37 0.90 0.00	18.33 0.99 0.00	18.51 1.07 0.00	30.73 2.08 0.00	339.93 22.90 -0.12	36.41 2.16 -5.13	71.23 1.63 -47.64	38.37 2.65 0.00	33.84 2.42 0.00	42.18 2.77 0.00	31.14 2.00 0.00	29.75 2.07 0.00	29.23 2.15 -0.47	50.93 1.53 -29.61	39.42 2.23 -8.24	42.56 2.82 -1.22	47.98 3.33 0.00	33.09 2.22 -0.32	30.12 1.71 -4.13	26.87 1.80 0.00	23.47 1.31 0.00
RAVENSWOOD___4 23820	22.70 1.21 0.00	22.81 1.17 0.00	18.97 0.97 0.00	19.42 0.95 0.00	18.39 1.04 0.00	18.57 1.13 0.00	30.82 2.16 0.00	341.13 24.11 -0.12	36.53 2.27 -5.14	71.27 1.66 -47.65	38.50 2.77 0.00	33.97 2.55 -0.01	43.41 2.93 -1.06	31.26 2.12 -0.01	29.86 2.18 -0.01	29.34 2.25 -0.47	51.01 1.60 -29.61	39.54 2.34 -8.25	42.69 2.96 -1.22	48.11 3.47 0.00	33.20 2.33 -0.32	30.20 1.80 -4.13	26.95 1.88 0.00	23.54 1.37 0.00
RCPL_TRUST___DRP 24196	22.68 1.19 0.00	22.79 1.15 0.00	18.94 0.95 0.00	19.41 0.94 0.00	18.36 1.01 0.00	18.54 1.11 0.00	30.83 2.17 0.00	341.10 24.07 -0.12	36.48 2.23 -5.13	71.33 1.72 -47.65	38.47 2.74 0.00	33.92 2.50 0.00	42.29 2.87 0.00	31.20 2.07 0.00	29.81 2.13 0.00	29.29 2.21 -0.47	50.97 1.56 -29.61	39.45 2.26 -8.24	42.61 2.87 -1.22	48.10 3.46 0.00	33.12 2.24 -0.32	30.14 1.74 -4.13	26.90 1.83 0.00	23.51 1.34 0.00
RED___ROCHESTER 323720	21.06 -0.42 0.00	21.30 -0.34 0.00	17.67 -0.33 0.00	18.23 -0.24 0.00	17.11 -0.23 0.00	17.25 -0.19 0.00	32.32 -0.18 -3.84	317.89 -2.11 -3.09	53.48 -0.23 -24.58	36.04 -0.02 -14.10	37.77 -0.01 -2.06	32.62 -0.06 -1.26	42.11 0.14 -2.56	30.66 0.09 -1.44	28.04 -0.15 -0.52	26.26 -0.37 -0.01	20.40 -0.28 -0.89	28.82 -0.38 -0.25	38.16 -0.39 -0.04	44.41 -0.24 0.00	30.27 -0.29 -0.01	24.07 -0.32 -0.12	24.83 -0.24 0.00	21.98 -0.18 0.00
REGAN___SOLAR 323812	22.63 1.14 0.00	22.76 1.12 0.00	18.89 0.89 0.00	19.39 0.92 0.00	18.22 0.87 0.00	18.47 1.03 0.00	30.71 2.05 0.00	339.34 22.32 -0.11	37.74 1.88 -6.73	39.63 1.09 -16.58	37.09 1.36 0.00	31.63 0.21 0.00	40.83 1.42 0.00	30.17 1.03 0.00	28.06 0.39 0.00	27.82 0.59 -0.61	59.60 0.97 -38.84	41.43 1.66 -10.82	42.61 2.49 -1.60	47.49 2.84 0.00	32.91 1.94 -0.42	31.37 1.68 -5.42	26.67 1.60 0.00	23.50 1.34 0.00

RENSSELAER___COGEN 23796	21.70 0.21 0.00	21.82 0.18 0.00	18.15 0.16 0.00	18.60 0.12 0.00	17.61 0.26 0.00	17.72 0.28 0.00	29.26 0.61 0.00	326.06 9.04 -0.11	36.35 0.72 -6.51	40.07 0.50 -17.60	36.41 0.68 0.00	32.00 0.57 0.00	40.05 0.63 0.00	29.59 0.46 0.00	28.24 0.56 0.00	27.88 0.67 -0.59	57.90 0.55 -37.56	40.26 0.85 -10.46	41.17 1.10 -1.55	45.94 1.30 0.00	31.80 0.84 -0.41	30.11 0.60 -5.24	25.62 0.55 0.00	22.45 0.28 0.00
REPUBLIC_115KV_BARTNBRK 55605	23.28 1.79 0.00	23.46 1.82 0.00	19.50 1.51 0.00	19.98 1.51 0.00	18.93 1.58 0.00	19.20 1.76 0.00	31.43 2.77 0.00	355.66 38.65 -0.11	38.99 3.17 -6.70	41.00 2.13 -16.91	38.62 2.90 0.00	33.80 2.38 0.00	42.58 3.17 0.00	31.39 2.26 0.00	30.06 2.39 0.00	29.85 2.62 -0.61	60.56 2.13 -38.63	43.14 3.44 -10.75	44.95 4.84 -1.59	50.17 5.53 0.00	34.50 3.53 -0.42	32.37 2.71 -5.39	27.45 2.38 0.00	23.63 1.47 0.00
REVERE_CPPR_DRP 24186	22.05 0.56 0.00	22.20 0.56 0.00	18.37 0.37 0.00	18.83 0.36 0.00	17.69 0.34 0.00	17.85 0.41 0.00	32.04 0.88 -2.50	330.54 12.19 -1.45	45.80 1.10 -15.57	31.70 0.72 -9.02	37.81 0.77 -1.31	32.99 0.77 -0.80	42.02 0.97 -1.64	30.82 0.76 -0.92	28.52 0.51 -0.33	27.07 0.46 0.00	20.21 0.42 0.00	29.73 0.78 0.00	39.80 1.28 1.53	46.17 1.53 0.00	31.44 0.89 0.00	25.01 0.74 0.00	25.72 0.65 0.00	22.72 0.56 0.00
REYNOLDS_115KV_TB3 80639	21.83 0.34 0.00	21.96 0.32 0.00	18.27 0.28 0.00	18.72 0.25 0.00	17.73 0.38 0.00	17.84 0.40 0.00	29.45 0.79 0.00	328.16 11.15 -0.11	36.55 0.90 -6.52	40.60 0.65 -17.98	36.64 0.91 0.00	32.19 0.77 0.00	40.29 0.88 0.00	29.77 0.63 0.00	28.43 0.75 0.00	28.06 0.85 -0.59	58.09 0.68 -37.61	40.47 1.05 -10.47	41.44 1.37 -1.55	46.24 1.60 0.00	32.01 1.04 -0.41	30.27 0.75 -5.24	25.77 0.70 0.00	22.58 0.42 0.00
RIVERBAY____ 323610	22.60 1.11 0.00	22.73 1.09 0.00	18.94 0.94 0.00	19.36 0.89 0.00	18.35 1.00 0.00	18.51 1.08 0.00	30.69 2.03 0.00	339.64 22.61 -0.12	36.38 2.13 -5.13	71.15 1.54 -47.65	38.26 2.54 0.00	33.78 2.36 0.00	42.07 2.66 0.00	31.05 1.92 0.00	29.66 1.99 0.00	29.13 2.05 -0.47	50.86 1.45 -29.61	39.37 2.17 -8.24	42.52 2.78 -1.22	47.95 3.30 0.00	33.14 2.26 -0.32	30.15 1.75 -4.13	26.89 1.82 0.00	23.50 1.34 0.00
RIVERSDE_115KV_TB3 55908	21.77 0.28 0.00	21.89 0.25 0.00	18.22 0.22 0.00	18.66 0.19 0.00	17.67 0.32 0.00	17.79 0.35 0.00	29.37 0.71 0.00	327.28 10.26 -0.11	36.48 0.82 -6.53	40.33 0.60 -17.77	36.55 0.82 0.00	32.12 0.69 0.00	40.20 0.79 0.00	29.71 0.58 0.00	28.36 0.69 0.00	27.99 0.78 -0.59	58.11 0.63 -37.68	40.42 0.99 -10.49	41.34 1.27 -1.55	46.12 1.48 0.00	31.93 0.96 -0.41	30.21 0.69 -5.26	25.70 0.63 0.00	22.52 0.36 0.00
ROARING___BROOK_WT_PWR 323790	21.16 -0.33 0.00	21.36 -0.28 0.00	17.73 -0.26 0.00	18.04 -0.43 0.00	16.93 -0.42 0.00	16.99 -0.45 0.00	27.99 -0.66 0.00	312.31 -4.87 -0.27	28.92 -0.21 0.00	21.87 -0.09 0.00	35.71 -0.02 0.00	31.08 -0.34 0.00	38.60 -0.81 0.00	28.41 -0.72 0.00	26.82 -0.86 0.00	25.86 -0.76 0.00	19.37 -0.43 0.00	28.56 -0.38 0.00	38.24 -0.28 0.00	44.25 -0.40 0.00	30.24 -0.31 0.00	23.91 -0.36 0.00	24.56 -0.52 0.00	21.82 -0.34 0.00
ROCHESRG_115KV_T4 355643	20.89 -0.59 0.00	21.13 -0.51 0.00	17.53 -0.46 0.00	18.09 -0.38 0.00	16.98 -0.36 0.00	17.11 -0.33 0.00	31.96 -0.45 -3.76	314.75 -5.24 -3.09	52.65 -0.51 -24.04	35.47 -0.28 -13.78	37.32 -0.41 -2.01	32.26 -0.39 -1.23	41.60 -0.31 -2.50	30.31 -0.23 -1.41	27.72 -0.47 -0.51	25.98 -0.65 -0.01	20.18 -0.49 -0.88	28.48 -0.71 -0.24	37.72 -0.84 -0.04	43.88 -0.76 0.00	29.92 -0.64 -0.01	23.84 -0.55 -0.12	24.61 -0.46 0.00	21.79 -0.37 0.00
ROCHESTER_9_IC 23652	20.99 -0.50 0.00	21.23 -0.41 0.00	17.61 -0.39 0.00	18.17 -0.30 0.00	17.06 -0.29 0.00	17.19 -0.25 0.00	32.20 -0.30 -3.84	316.43 -3.57 -3.09	53.37 -0.34 -24.58	35.91 -0.15 -14.10	37.60 -0.18 -2.06	32.48 -0.20 -1.26	41.91 -0.07 -2.56	30.51 -0.06 -1.44	27.89 -0.30 -0.52	26.14 -0.49 -0.01	20.31 -0.37 -0.89	28.67 -0.53 -0.25	37.96 -0.59 -0.04	44.17 -0.48 0.00	30.11 -0.45 -0.01	23.97 -0.42 -0.12	24.75 -0.32 0.00	21.90 -0.26 0.00
ROCKVIEW_13_KV_LD 356306	22.65 1.16 0.00	22.76 1.12 0.00	18.91 0.92 0.00	19.37 0.91 0.00	18.34 0.99 0.00	18.51 1.07 0.00	30.69 2.03 0.00	339.72 22.69 -0.12	36.37 2.12 -5.13	71.26 1.62 -47.68	38.30 2.57 0.00	33.78 2.35 0.00	42.14 2.73 0.00	31.11 1.98 0.00	29.72 2.05 0.00	29.19 2.11 -0.47	50.92 1.52 -29.61	39.42 2.24 -8.24	42.60 2.86 -1.22	48.01 3.37 0.00	33.12 2.25 -0.32	30.11 1.71 -4.13	26.84 1.77 0.00	23.45 1.29 0.00
ROME____115KV_TB2 80656	22.05 0.56 0.00	22.20 0.56 0.00	18.37 0.37 0.00	18.83 0.36 0.00	17.69 0.34 0.00	17.85 0.41 0.00	32.04 0.88 -2.50	330.54 12.19 -1.45	45.80 1.10 -15.57	31.70 0.72 -9.02	37.81 0.77 -1.31	32.99 0.77 -0.80	42.02 0.97 -1.64	30.82 0.76 -0.92	28.52 0.51 -0.33	27.07 0.46 0.00	20.21 0.42 0.00	29.73 0.78 0.00	39.80 1.28 1.53	46.17 1.53 0.00	31.44 0.89 0.00	25.01 0.74 0.00	25.72 0.65 0.00	22.72 0.56 0.00
ROSETON___1 23587	22.43 0.94 0.00	22.55 0.90 0.00	18.75 0.75 0.00	19.21 0.74 0.00	18.18 0.83 0.00	18.34 0.90 0.00	30.35 1.70 0.00	336.35 19.33 -0.12	36.39 1.82 -5.44	58.89 1.35 -35.58	37.85 2.12 0.00	33.35 1.93 0.00	41.63 2.22 0.00	30.74 1.61 0.00	29.36 1.68 0.00	28.87 1.76 -0.49	52.48 1.29 -31.40	39.60 1.91 -8.74	42.27 2.46 -1.29	47.54 2.89 0.00	32.82 1.93 -0.34	30.10 1.44 -4.38	26.57 1.50 0.00	23.22 1.06 0.00
ROSETON___2 23588	22.43 0.94 0.00	22.55 0.90 0.00	18.75 0.75 0.00	19.21 0.74 0.00	18.18 0.83 0.00	18.34 0.90 0.00	30.35 1.70 0.00	336.35 19.33 -0.12	36.39 1.82 -5.44	58.89 1.35 -35.58	37.85 2.12 0.00	33.35 1.93 0.00	41.63 2.22 0.00	30.74 1.61 0.00	29.36 1.68 0.00	28.87 1.76 -0.49	52.48 1.29 -31.40	39.60 1.91 -8.74	42.27 2.46 -1.29	47.54 2.89 0.00	32.82 1.93 -0.34	30.10 1.44 -4.38	26.57 1.50 0.00	23.22 1.06 0.00
ROTTTRDAM_115KV_TB3 80664	22.14 0.65 0.00	22.26 0.62 0.00	18.51 0.52 0.00	18.98 0.51 0.00	17.93 0.59 0.00	18.06 0.62 0.00	29.83 1.18 0.00	331.38 14.37 -0.11	37.11 1.26 -6.73	39.45 0.90 -16.58	37.07 1.34 0.00	32.58 1.16 0.00	40.80 1.39 0.00	30.17 1.04 0.00	28.74 1.06 0.00	28.31 1.08 -0.61	59.51 0.87 -38.84	41.08 1.32 -10.82	41.87 1.76 -1.60	46.69 2.05 0.00	32.35 1.37 -0.42	30.73 1.04 -5.42	26.08 1.01 0.00	22.87 0.71 0.00
RUSSELL___1 23602	21.07 -0.42 0.00	21.30 -0.34 0.00	17.67 -0.33 0.00	18.23 -0.24 0.00	17.11 -0.23 0.00	17.25 -0.19 0.00	32.31 -0.19 -3.84	317.78 -2.21 -3.09	53.49 -0.22 -24.58	36.01 -0.06 -14.10	37.77 -0.01 -2.06	32.62 -0.06 -1.26	42.08 0.11 -2.56	30.65 0.08 -1.44	28.03 -0.17 -0.52	26.26 -0.37 -0.01	20.41 -0.27 -0.89	28.81 -0.38 -0.25	38.17 -0.39 -0.04	44.41 -0.23 0.00	30.27 -0.30 -0.01	24.08 -0.31 -0.12	24.84 -0.23 0.00	21.98 -0.18 0.00

RUSSELL___2 23532	21.07 -0.42 0.00	21.30 -0.34 0.00	17.67 -0.33 0.00	18.23 -0.24 0.00	17.11 -0.23 0.00	17.25 -0.19 0.00	32.31 -0.19 -3.84	317.78 -2.21 -3.09	53.49 -0.22 -24.58	36.01 -0.06 -14.10	37.77 -0.01 -2.06	32.62 -0.06 -1.26	42.08 0.11 -2.56	30.65 0.08 -1.44	28.03 -0.17 -0.52	26.26 -0.37 -0.01	20.41 -0.27 -0.89	28.81 -0.38 -0.25	38.17 -0.39 -0.04	44.41 -0.23 0.00	30.27 -0.30 -0.01	24.08 -0.31 -0.12	24.84 -0.23 0.00	21.98 -0.18 0.00
RUSSELL___3 23549	21.07 -0.42 0.00	21.30 -0.34 0.00	17.67 -0.33 0.00	18.23 -0.24 0.00	17.11 -0.23 0.00	17.25 -0.19 0.00	32.31 -0.19 -3.84	317.78 -2.21 -3.09	53.49 -0.22 -24.58	36.01 -0.06 -14.10	37.77 -0.01 -2.06	32.62 -0.06 -1.26	42.08 0.11 -2.56	30.65 0.08 -1.44	28.03 -0.17 -0.52	26.26 -0.37 -0.01	20.41 -0.27 -0.89	28.81 -0.38 -0.25	38.17 -0.39 -0.04	44.41 -0.23 0.00	30.27 -0.30 -0.01	24.08 -0.31 -0.12	24.84 -0.23 0.00	21.98 -0.18 0.00
RUSSELL___4 23556	21.07 -0.42 0.00	21.30 -0.34 0.00	17.67 -0.33 0.00	18.23 -0.24 0.00	17.11 -0.23 0.00	17.25 -0.19 0.00	32.31 -0.19 -3.84	317.78 -2.21 -3.09	53.49 -0.22 -24.58	36.01 -0.06 -14.10	37.77 -0.01 -2.06	32.62 -0.06 -1.26	42.08 0.11 -2.56	30.65 0.08 -1.44	28.03 -0.17 -0.52	26.26 -0.37 -0.01	20.41 -0.27 -0.89	28.81 -0.38 -0.25	38.17 -0.39 -0.04	44.41 -0.23 0.00	30.27 -0.30 -0.01	24.08 -0.31 -0.12	24.84 -0.23 0.00	21.98 -0.18 0.00
RUSSELL___STATION 23914	21.07 -0.42 0.00	21.30 -0.34 0.00	17.67 -0.33 0.00	18.23 -0.24 0.00	17.11 -0.23 0.00	17.25 -0.19 0.00	32.31 -0.19 -3.84	317.78 -2.21 -3.09	53.49 -0.22 -24.58	36.01 -0.06 -14.10	37.77 -0.01 -2.06	32.62 -0.06 -1.26	42.08 0.11 -2.56	30.65 0.08 -1.44	28.03 -0.17 -0.52	26.26 -0.37 -0.01	20.41 -0.27 -0.89	28.81 -0.38 -0.25	38.17 -0.39 -0.04	44.41 -0.23 0.00	30.27 -0.30 -0.01	24.08 -0.31 -0.12	24.84 -0.23 0.00	21.98 -0.18 0.00
S SALMON___HYD 24043	21.57 0.08 0.00	21.67 0.03 0.00	17.84 -0.16 0.00	18.28 -0.19 0.00	17.17 -0.18 0.00	17.30 -0.14 0.00	32.90 -0.06 -4.31	322.54 2.98 -2.66	57.45 0.22 -28.10	38.49 0.16 -16.38	38.20 0.08 -2.39	32.89 0.01 -1.46	42.39 0.00 -2.97	30.70 -0.10 -1.67	27.94 -0.34 -0.60	26.22 -0.40 0.00	19.30 -0.49 0.00	28.33 -0.62 0.00	37.91 -0.60 0.00	44.04 -0.60 0.00	29.98 -0.57 0.00	23.79 -0.49 0.00	24.50 -0.58 0.00	21.78 -0.38 0.00
S.PERRY___115KV_TB1 80734	21.38 -0.11 0.00	21.71 0.07 0.00	17.97 -0.02 0.00	18.57 0.10 0.00	17.50 0.15 0.00	17.62 0.19 0.00	34.24 0.48 -5.11	326.51 6.60 -3.01	62.53 0.54 -32.87	41.06 0.38 -18.72	39.18 0.73 -2.73	33.53 0.44 -1.67	43.66 0.85 -3.40	31.69 0.65 -1.91	28.63 0.26 -0.69	26.64 0.00 -0.02	21.05 -0.02 -1.28	29.46 0.16 -0.36	39.33 0.76 -0.05	45.81 1.17 0.00	31.08 0.52 -0.01	24.73 0.28 -0.18	25.39 0.32 0.00	22.55 0.39 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	20.42 -1.07 0.00	20.78 -0.86 0.00	17.23 -0.76 0.00	17.89 -0.57 0.00	16.78 -0.56 0.00	16.90 -0.54 0.00	32.42 -0.87 -4.64	307.17 -12.75 -3.02	57.83 -1.16 -29.86	38.28 -0.67 -16.99	37.18 -1.02 -2.47	32.04 -0.90 -1.51	41.70 -0.80 -3.08	30.29 -0.57 -1.73	27.35 -0.94 -0.62	25.42 -1.22 -0.02	20.03 -0.96 -1.20	27.84 -1.44 -0.34	36.83 -1.73 -0.05	43.00 -1.64 0.00	29.27 -1.30 -0.01	23.33 -1.11 -0.17	24.26 -0.81 0.00	21.50 -0.66 0.00
SAWYER___23_KV_LOAD 55526	20.42 -1.07 0.00	20.78 -0.86 0.00	17.23 -0.76 0.00	17.89 -0.57 0.00	16.78 -0.56 0.00	16.90 -0.54 0.00	32.42 -0.87 -4.64	307.17 -12.75 -3.02	57.83 -1.16 -29.86	38.28 -0.67 -16.99	37.18 -1.02 -2.47	32.04 -0.90 -1.51	41.70 -0.80 -3.08	30.29 -0.57 -1.73	27.35 -0.94 -0.62	25.42 -1.22 -0.02	20.03 -0.96 -1.20	27.84 -1.44 -0.34	36.83 -1.73 -0.05	43.00 -1.64 0.00	29.27 -1.30 -0.01	23.33 -1.11 -0.17	24.26 -0.81 0.00	21.50 -0.66 0.00
SELKIRK___I 23801	21.96 0.47 0.00	22.11 0.47 0.00	18.39 0.39 0.00	18.84 0.37 0.00	17.84 0.49 0.00	17.95 0.51 0.00	29.63 0.97 0.00	328.15 11.13 -0.11	36.54 0.91 -6.51	39.86 0.66 -17.24	36.68 0.96 0.00	32.27 0.85 0.00	40.38 0.97 0.00	29.83 0.70 0.00	28.45 0.78 0.00	28.06 0.85 -0.59	58.00 0.66 -37.54	40.41 1.01 -10.45	41.36 1.30 -1.55	46.16 1.52 0.00	31.98 1.02 -0.41	30.27 0.76 -5.24	25.81 0.73 0.00	22.63 0.47 0.00
SELKIRK___II 23799	21.84 0.35 0.00	21.97 0.33 0.00	18.27 0.28 0.00	18.73 0.26 0.00	17.72 0.38 0.00	17.84 0.40 0.00	29.45 0.79 0.00	327.36 10.34 -0.11	36.49 0.87 -6.49	39.79 0.61 -17.21	36.62 0.89 0.00	32.20 0.77 0.00	40.30 0.88 0.00	29.76 0.63 0.00	28.40 0.72 0.00	28.01 0.81 -0.59	57.91 0.64 -37.47	40.36 0.98 -10.43	41.33 1.27 -1.54	46.14 1.50 0.00	31.95 0.99 -0.41	30.22 0.73 -5.23	25.76 0.69 0.00	22.58 0.42 0.00
SENECA OSWGO___HYD 24041	21.62 0.13 0.00	21.78 0.14 0.00	18.04 0.04 0.00	18.52 0.06 0.00	17.40 0.05 0.00	17.52 0.09 0.00	34.01 0.29 -5.06	326.34 6.50 -2.94	61.86 0.45 -32.28	41.00 0.27 -18.77	38.76 0.29 -2.74	33.39 0.30 -1.67	43.27 0.45 -3.41	31.38 0.33 -1.91	28.44 0.08 -0.69	26.57 -0.05 -0.01	19.32 0.00 0.00	28.18 -0.77 0.00	37.76 -0.75 0.00	43.85 -0.80 0.00	29.97 -0.58 0.00	23.88 -0.39 0.00	24.68 -0.39 0.00	21.88 -0.28 0.00
SENECA___115KV_TB3 355854	20.70 -0.79 0.00	21.05 -0.59 0.00	17.45 -0.55 0.00	18.12 -0.35 0.00	17.00 -0.34 0.00	17.12 -0.32 0.00	32.99 -0.44 -4.77	312.95 -6.96 -3.01	59.25 -0.64 -30.77	39.12 -0.32 -17.48	37.81 -0.47 -2.55	32.57 -0.41 -1.56	42.40 -0.18 -3.17	30.78 -0.14 -1.78	27.75 -0.57 -0.64	25.80 -0.84 -0.02	20.35 -0.69 -1.24	28.29 -1.00 -0.35	37.48 -1.08 -0.05	43.72 -0.92 0.00	29.73 -0.83 -0.01	23.66 -0.78 -0.17	24.58 -0.49 0.00	21.77 -0.39 0.00
SENECA___ENERGY 23797	21.11 -0.38 0.00	21.32 -0.32 0.00	17.66 -0.33 0.00	18.20 -0.27 0.00	17.11 -0.23 0.00	17.23 -0.20 0.00	36.64 -0.10 -8.08	325.12 4.98 -3.23	79.83 0.20 -50.51	51.54 -0.10 -29.68	39.89 -0.16 -4.33	33.89 -0.18 -2.64	44.81 0.02 -5.38	32.08 -0.08 -3.02	28.49 -0.27 -1.09	26.21 -0.42 -0.02	20.52 -0.27 -0.99	28.89 -0.34 -0.28	38.20 -0.36 -0.04	44.35 -0.30 0.00	30.26 -0.30 -0.01	24.11 -0.30 -0.14	24.78 -0.29 0.00	22.09 -0.07 0.00
SHOEMAKER___GT 23640	22.37 0.88 0.00	22.49 0.85 0.00	18.69 0.69 0.00	19.17 0.70 0.00	18.11 0.76 0.00	18.25 0.81 0.00	30.19 1.54 0.00	334.08 17.05 -0.12	34.98 1.57 -4.29	-25.61 1.20 48.77	37.61 1.89 0.00	33.07 1.65 0.00	41.47 2.06 0.00	30.52 1.39 0.00	29.11 1.44 0.00	28.52 1.51 -0.39	45.66 1.11 -24.75	37.52 1.68 -6.89	41.74 2.20 -1.02	47.25 2.61 0.00	32.56 1.74 -0.27	29.02 1.29 -3.45	26.41 1.34 0.00	23.13 0.97 0.00
SHOEMAKR_138KV_BK 111 55601	22.37 0.88 0.00	22.49 0.85 0.00	18.69 0.69 0.00	19.16 0.69 0.00	18.10 0.76 0.00	18.25 0.81 0.00	30.19 1.54 0.00	334.12 17.09 -0.12	34.94 1.57 -4.24	-24.47 1.21 47.64	37.60 1.87 0.00	33.09 1.66 0.00	41.46 2.05 0.00	30.55 1.42 0.00	29.13 1.45 0.00	28.51 1.51 -0.39	45.39 1.11 -24.48	37.44 1.68 -6.82	41.71 2.19 -1.01	47.21 2.57 0.00	32.55 1.72 -0.27	28.98 1.29 -3.42	26.41 1.33 0.00	23.13 0.97 0.00

SHOREHAM_IC_1 23715	23.03 1.53 0.00	23.18 1.54 0.00	19.25 1.26 0.00	19.73 1.26 0.00	18.74 1.39 0.00	18.96 1.52 0.00	31.25 2.60 0.00	342.39 25.37 -0.12	36.86 2.60 -5.14	71.39 1.90 -47.54	37.97 2.24 0.00	33.89 2.47 0.00	42.46 3.05 0.00	31.54 2.41 0.00	30.72 3.05 0.00	30.16 3.08 -0.47	51.77 2.35 -29.63	40.32 3.12 -8.25	43.54 3.81 -1.22	48.85 4.20 0.00	33.98 3.10 -0.32	30.69 2.29 -4.13	27.52 2.45 0.00	23.99 1.83 0.00
SHOREHAM_IC_2 23716	23.03 1.53 0.00	23.18 1.54 0.00	19.25 1.26 0.00	19.73 1.26 0.00	18.74 1.39 0.00	18.96 1.52 0.00	31.25 2.60 0.00	342.39 25.37 -0.12	36.86 2.60 -5.14	71.39 1.90 -47.54	37.97 2.24 0.00	33.89 2.47 0.00	42.46 3.05 0.00	31.54 2.41 0.00	30.72 3.05 0.00	30.16 3.08 -0.47	51.77 2.35 -29.63	40.32 3.12 -8.25	43.54 3.81 -1.22	48.85 4.20 0.00	33.98 3.10 -0.32	30.69 2.29 -4.13	27.52 2.45 0.00	23.99 1.83 0.00
SISSONVILLE____ 23735	21.58 0.09 0.00	21.67 0.03 0.00	18.01 0.01 0.00	18.48 0.01 0.00	17.23 -0.12 0.00	17.30 -0.14 0.00	28.33 -0.33 0.00	312.64 -4.71 -0.45	28.77 -0.35 0.00	21.69 -0.27 0.00	35.31 -0.41 0.00	31.05 -0.37 0.00	38.95 -0.46 0.00	28.77 -0.36 0.00	27.38 -0.30 0.00	26.37 -0.24 0.00	19.59 -0.21 0.00	28.79 -0.16 0.00	38.45 -0.06 0.00	44.41 -0.24 0.00	30.39 -0.16 0.00	24.11 -0.16 0.00	24.82 -0.25 0.00	22.01 -0.15 0.00
SITHE_IND_GS1 24169	20.88 -0.62 0.00	21.04 -0.60 0.00	17.47 -0.52 0.00	17.93 -0.54 0.00	16.82 -0.52 0.00	16.89 -0.54 0.00	-24.52 -0.92 52.26	300.46 -10.45 6.00	-308.97 -0.92 337.17	-169.61 -0.68 190.89	6.75 -1.16 27.82	13.40 -1.02 17.00	3.56 -1.22 34.64	8.77 -0.90 19.46	19.72 -0.96 7.00	25.61 -1.01 0.00	19.08 -0.72 0.00	27.88 -1.06 0.00	37.14 -1.38 0.00	43.08 -1.56 0.00	29.49 -1.07 0.00	23.51 -0.76 0.00	24.32 -0.75 0.00	21.60 -0.57 0.00
SITHE_IND_GS2 24170	20.88 -0.62 0.00	21.04 -0.60 0.00	17.47 -0.52 0.00	17.93 -0.54 0.00	16.82 -0.52 0.00	16.89 -0.54 0.00	-24.52 -0.92 52.26	300.46 -10.45 6.00	-308.97 -0.92 337.17	-169.61 -0.68 190.89	6.75 -1.16 27.82	13.40 -1.02 17.00	3.56 -1.22 34.64	8.77 -0.90 19.46	19.72 -0.96 7.00	25.61 -1.01 0.00	19.08 -0.72 0.00	27.88 -1.06 0.00	37.14 -1.38 0.00	43.08 -1.56 0.00	29.49 -1.07 0.00	23.51 -0.76 0.00	24.32 -0.75 0.00	21.60 -0.57 0.00
SITHE_IND_GS3 24171	20.88 -0.62 0.00	21.04 -0.60 0.00	17.47 -0.52 0.00	17.93 -0.54 0.00	16.82 -0.52 0.00	16.89 -0.54 0.00	-24.52 -0.92 52.26	300.46 -10.45 6.00	-308.97 -0.92 337.17	-169.61 -0.68 190.89	6.75 -1.16 27.82	13.40 -1.02 17.00	3.56 -1.22 34.64	8.77 -0.90 19.46	19.72 -0.96 7.00	25.61 -1.01 0.00	19.08 -0.72 0.00	27.88 -1.06 0.00	37.14 -1.38 0.00	43.08 -1.56 0.00	29.49 -1.07 0.00	23.51 -0.76 0.00	24.32 -0.75 0.00	21.60 -0.57 0.00
SITHE_IND_GS4 24172	20.88 -0.62 0.00	21.04 -0.60 0.00	17.47 -0.52 0.00	17.93 -0.54 0.00	16.82 -0.52 0.00	16.89 -0.54 0.00	-24.52 -0.92 52.26	300.46 -10.45 6.00	-308.97 -0.92 337.17	-169.61 -0.68 190.89	6.75 -1.16 27.82	13.40 -1.02 17.00	3.56 -1.22 34.64	8.77 -0.90 19.46	19.72 -0.96 7.00	25.61 -1.01 0.00	19.08 -0.72 0.00	27.88 -1.06 0.00	37.14 -1.38 0.00	43.08 -1.56 0.00	29.49 -1.07 0.00	23.51 -0.76 0.00	24.32 -0.75 0.00	21.60 -0.57 0.00
SITHE____BATAVIA 24024	20.99 -0.50 0.00	21.31 -0.33 0.00	17.67 -0.33 0.00	18.30 -0.16 0.00	17.19 -0.15 0.00	17.34 -0.09 0.00	32.89 -0.03 -4.27	317.70 -2.26 -3.06	56.31 -0.22 -27.42	37.70 0.10 -15.64	38.09 0.08 -2.28	32.92 0.10 -1.39	42.59 0.34 -2.84	31.04 0.32 -1.60	28.16 -0.09 -0.57	26.21 -0.42 -0.02	20.50 -0.34 -1.04	28.76 -0.48 -0.29	38.09 -0.47 -0.04	44.46 -0.19 0.00	30.26 -0.31 -0.01	24.08 -0.34 -0.15	24.93 -0.15 0.00	22.07 -0.09 0.00
SITHE____INDEPEND 23800	20.88 -0.61 0.00	21.04 -0.60 0.00	17.47 -0.52 0.00	17.93 -0.54 0.00	16.82 -0.52 0.00	16.89 -0.54 0.00	-24.52 -0.92 52.26	300.45 -10.46 6.00	-308.96 -0.92 337.17	-169.62 -0.70 190.89	6.75 -1.16 27.82	13.40 -1.02 17.00	3.55 -1.22 34.64	8.77 -0.91 19.46	19.72 -0.96 7.00	25.61 -1.01 0.00	19.08 -0.71 0.00	27.88 -1.06 0.00	37.14 -1.38 0.00	43.08 -1.56 0.00	29.49 -1.07 0.00	23.52 -0.76 0.00	24.33 -0.75 0.00	21.60 -0.57 0.00
SITHE____MASSENA 23902	21.62 0.12 0.00	21.73 0.09 0.00	18.10 0.10 0.00	18.60 0.13 0.00	17.35 0.00 0.00	17.40 -0.04 0.00	28.45 -0.20 0.00	313.98 -3.16 -0.23	28.85 -0.27 0.00	21.76 -0.20 0.00	35.48 -0.24 0.00	31.19 -0.24 0.00	39.15 -0.27 0.00	28.97 -0.16 0.00	27.57 -0.11 0.00	26.52 -0.09 0.00	19.70 -0.10 0.00	28.85 -0.09 0.00	38.39 -0.13 0.00	44.38 -0.26 0.00	30.43 -0.12 0.00	24.17 -0.10 0.00	24.96 -0.11 0.00	22.13 -0.03 0.00
SITHE____OGDNSBRG 24021	21.83 0.34 0.00	21.93 0.29 0.00	18.25 0.25 0.00	18.76 0.29 0.00	17.48 0.13 0.00	17.55 0.11 0.00	28.80 0.14 0.00	320.94 3.69 -0.34	29.49 0.37 0.00	22.23 0.26 0.00	36.20 0.47 0.00	31.77 0.34 0.00	39.85 0.44 0.00	29.49 0.36 0.00	28.05 0.37 0.00	27.02 0.40 0.00	20.05 0.26 0.00	29.42 0.47 0.00	38.94 0.42 0.00	45.03 0.39 0.00	30.84 0.29 0.00	24.45 0.18 0.00	25.20 0.13 0.00	22.32 0.15 0.00
SITHE____STERLING 23777	21.85 0.36 0.00	22.03 0.39 0.00	18.26 0.26 0.00	18.74 0.27 0.00	17.62 0.27 0.00	17.75 0.31 0.00	32.34 0.71 -2.98	328.77 10.20 -1.66	48.67 0.85 -18.70	33.36 0.57 -10.82	37.88 0.58 -1.58	32.97 0.58 -0.96	42.15 0.78 -1.96	30.88 0.65 -1.10	28.48 0.41 -0.40	26.96 0.35 0.00	20.12 0.32 0.00	29.53 0.59 0.00	39.46 0.94 0.00	45.78 1.13 0.00	31.22 0.67 0.00	24.83 0.56 0.00	25.58 0.50 0.00	22.59 0.43 0.00
SLEIGHT__34_KV_TB1 80719	21.55 0.06 0.00	21.75 0.11 0.00	18.03 0.04 0.00	18.58 0.11 0.00	17.48 0.13 0.00	17.60 0.16 0.00	36.53 0.60 -7.27	332.05 11.93 -3.22	75.51 0.88 -45.51	49.03 0.34 -26.72	40.18 0.56 -3.90	34.32 0.52 -2.38	45.10 0.84 -4.85	32.40 0.54 -2.73	28.93 0.27 -0.98	26.73 0.10 -0.02	20.90 0.18 -0.92	29.56 0.36 -0.26	39.05 0.50 -0.04	45.33 0.69 0.00	30.94 0.38 -0.01	24.66 0.25 -0.13	25.32 0.25 0.00	22.53 0.37 0.00
SOUTH CAIRO____GT 23612	22.38 0.89 0.00	22.50 0.86 0.00	18.71 0.72 0.00	19.18 0.71 0.00	18.17 0.82 0.00	18.33 0.89 0.00	30.40 1.74 0.00	338.52 21.50 -0.11	37.26 2.03 -6.11	36.75 1.40 -13.39	37.81 2.08 0.00	32.85 1.43 0.00	41.35 1.94 0.00	30.43 1.30 0.00	29.11 1.43 0.00	28.69 1.52 -0.56	56.24 1.21 -35.23	41.03 2.28 -9.81	43.21 3.24 -1.45	48.56 3.92 0.00	33.51 2.58 -0.38	31.03 1.84 -4.92	26.77 1.70 0.00	23.39 1.23 0.00
SOUTH HAMPTN__IC 23720	23.22 1.73 0.00	23.38 1.74 0.00	19.41 1.42 0.00	19.90 1.43 0.00	18.90 1.55 0.00	19.13 1.69 0.00	31.56 2.90 0.00	345.76 28.74 -0.12	37.18 2.92 -5.14	71.66 2.15 -47.54	38.47 2.74 0.00	34.26 2.84 0.00	42.97 3.55 0.00	31.92 2.79 0.00	31.12 3.44 0.00	30.59 3.51 -0.47	52.10 2.68 -29.63	40.79 3.60 -8.25	44.16 4.42 -1.22	49.55 4.91 0.00	34.43 3.56 -0.32	30.96 2.55 -4.13	27.79 2.71 0.00	24.21 2.05 0.00

SOUTHDOWN_115KV_TB1 355954	21.38 -0.11 0.00	21.64 0.00 0.00	17.89 -0.11 0.00	18.60 0.13 0.00	17.50 0.15 0.00	17.64 0.20 0.00	34.42 0.70 -5.06	328.84 8.95 -2.99	62.54 0.81 -32.61	41.15 0.67 -18.51	39.45 1.02 -2.70	34.01 0.94 -1.65	44.32 1.55 -3.36	31.96 0.94 -1.89	28.75 0.39 -0.68	26.75 0.11 -0.02	21.33 0.20 -1.33	29.68 0.36 -0.37	39.22 0.65 -0.05	45.59 0.94 0.00	30.91 0.34 -0.01	24.54 0.08 -0.19	25.48 0.41 0.00	22.41 0.25 0.00
SOUTHOLD_69_KV_BK 2 55809	23.50 2.01 0.00	23.65 2.01 0.00	19.63 1.64 0.00	20.13 1.66 0.00	19.13 1.78 0.00	19.37 1.93 0.00	31.99 3.34 0.00	350.55 33.53 -0.12	37.56 3.30 -5.14	72.20 2.70 -47.54	39.06 3.34 0.00	34.72 3.30 0.00	43.59 4.18 0.00	32.48 3.35 0.00	31.61 3.94 0.00	31.11 4.02 -0.47	52.49 3.06 -29.63	41.40 4.20 -8.25	45.01 5.27 -1.22	50.50 5.86 0.00	35.06 4.19 -0.32	31.36 2.96 -4.13	28.16 3.09 0.00	24.52 2.36 0.00
SOUTHOLD___IC 23719	23.50 2.01 0.00	23.65 2.01 0.00	19.63 1.64 0.00	20.13 1.66 0.00	19.13 1.78 0.00	19.37 1.93 0.00	31.99 3.33 0.00	350.52 33.50 -0.12	37.62 3.36 -5.14	72.01 2.52 -47.54	39.07 3.34 0.00	34.72 3.29 0.00	43.58 4.17 0.00	32.39 3.26 0.00	31.60 3.92 0.00	31.10 4.02 -0.47	52.49 3.07 -29.63	41.40 4.20 -8.25	45.01 5.27 -1.22	50.50 5.86 0.00	35.06 4.18 -0.32	31.36 2.95 -4.13	28.16 3.09 0.00	24.52 2.36 0.00
SPIERFLS_115KV_TB 1 80737	22.46 0.97 0.00	22.55 0.91 0.00	18.77 0.77 0.00	19.23 0.76 0.00	18.18 0.84 0.00	18.39 0.96 0.00	30.36 1.70 0.00	339.37 22.36 -0.11	37.74 1.91 -6.70	40.18 1.35 -16.88	37.72 2.00 0.00	33.02 1.59 0.00	41.53 2.12 0.00	30.69 1.55 0.00	29.30 1.63 0.00	28.93 1.70 -0.61	59.82 1.38 -38.65	41.87 2.16 -10.76	43.10 2.99 -1.59	48.08 3.44 0.00	33.20 2.23 -0.42	31.29 1.62 -5.39	26.54 1.47 0.00	23.12 0.96 0.00
ST LAWRENCE____ 23600	21.38 -0.11 0.00	21.50 -0.14 0.00	17.91 -0.08 0.00	18.41 -0.06 0.00	17.17 -0.17 0.00	17.23 -0.20 0.00	28.21 -0.45 0.00	310.30 -6.77 -0.16	28.51 -0.61 0.00	21.51 -0.46 0.00	35.10 -0.62 0.00	30.83 -0.59 0.00	38.70 -0.71 0.00	28.65 -0.48 0.00	27.28 -0.39 0.00	26.24 -0.38 0.00	19.49 -0.31 0.00	28.49 -0.46 0.00	37.85 -0.66 0.00	43.77 -0.87 0.00	30.01 -0.54 0.00	23.86 -0.42 0.00	24.64 -0.43 0.00	21.85 -0.31 0.00
STATE_CA_115KV_115_LB 55624	21.78 0.30 0.00	21.91 0.27 0.00	18.23 0.23 0.00	18.67 0.20 0.00	17.68 0.33 0.00	17.80 0.36 0.00	29.41 0.75 0.00	327.65 10.64 -0.11	36.55 0.86 -6.56	40.10 0.62 -17.52	36.59 0.87 0.00	32.16 0.74 0.00	40.28 0.87 0.00	29.77 0.64 0.00	28.41 0.73 0.00	28.03 0.82 -0.60	58.32 0.66 -37.87	40.51 1.02 -10.55	41.41 1.34 -1.56	46.20 1.55 0.00	31.97 1.00 -0.41	30.27 0.72 -5.28	25.73 0.66 0.00	22.55 0.39 0.00
STATE_ST_34_KV_LOAD 55959	21.51 0.02 0.00	21.70 0.06 0.00	17.97 -0.03 0.00	18.52 0.05 0.00	17.40 0.05 0.00	17.54 0.10 0.00	37.87 0.39 -8.82	331.35 11.18 -3.26	84.94 0.73 -55.09	54.61 0.20 -32.45	40.93 0.47 -4.73	34.52 0.21 -2.89	45.80 0.50 -5.89	32.73 0.29 -3.31	29.06 0.19 -1.19	26.71 0.07 -0.02	20.94 0.14 -1.00	29.53 0.30 -0.28	39.01 0.45 -0.04	45.26 0.61 0.00	30.89 0.33 -0.01	24.47 0.06 -0.14	25.19 0.11 0.00	22.50 0.33 0.00
STATION 5_MISC_HYD 23604	20.98 -0.50 0.00	21.23 -0.41 0.00	17.61 -0.39 0.00	18.17 -0.30 0.00	17.06 -0.29 0.00	17.19 -0.25 0.00	32.21 -0.29 -3.84	316.57 -3.42 -3.09	53.35 -0.36 -24.58	35.95 -0.12 -14.10	37.60 -0.18 -2.06	32.48 -0.20 -1.26	41.93 -0.04 -2.56	30.54 -0.03 -1.44	27.90 -0.29 -0.52	26.14 -0.49 -0.01	20.31 -0.37 -0.89	28.67 -0.52 -0.25	37.96 -0.60 -0.04	44.16 -0.48 0.00	30.11 -0.45 -0.01	23.96 -0.43 -0.12	24.73 -0.34 0.00	21.90 -0.26 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	21.19 -0.30 0.00	21.40 -0.24 0.00	17.75 -0.24 0.00	18.30 -0.17 0.00	17.20 -0.15 0.00	17.33 -0.11 0.00	33.82 0.01 -5.16	322.64 2.60 -3.14	61.84 0.13 -32.59	40.91 0.02 -18.92	38.54 0.05 -2.76	33.16 0.05 -1.69	43.08 0.24 -3.44	31.23 0.17 -1.93	28.29 -0.08 -0.70	26.35 -0.28 -0.02	20.51 -0.18 -0.90	28.96 -0.24 -0.25	38.35 -0.20 -0.04	44.57 -0.07 0.00	30.39 -0.17 -0.01	24.24 -0.16 -0.13	24.95 -0.12 0.00	22.12 -0.04 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	20.89 -0.60 0.00	21.12 -0.52 0.00	17.52 -0.48 0.00	18.07 -0.40 0.00	16.97 -0.38 0.00	17.10 -0.34 0.00	32.09 -0.44 -3.88	315.07 -4.93 -3.09	53.43 -0.47 -24.77	35.92 -0.26 -14.22	37.43 -0.36 -2.07	32.34 -0.34 -1.27	41.74 -0.25 -2.58	30.39 -0.19 -1.45	27.78 -0.42 -0.52	26.02 -0.61 -0.01	20.22 -0.45 -0.88	28.55 -0.64 -0.25	37.80 -0.75 -0.04	43.95 -0.69 0.00	29.97 -0.59 -0.01	23.87 -0.52 -0.12	24.62 -0.45 0.00	21.78 -0.38 0.00
STA_56___34_KV_BUS2 355983	20.89 -0.60 0.00	21.12 -0.52 0.00	17.52 -0.48 0.00	18.07 -0.40 0.00	16.97 -0.38 0.00	17.10 -0.34 0.00	32.09 -0.44 -3.88	315.07 -4.93 -3.09	53.43 -0.47 -24.77	35.92 -0.26 -14.22	37.43 -0.36 -2.07	32.34 -0.34 -1.27	41.74 -0.25 -2.58	30.39 -0.19 -1.45	27.78 -0.42 -0.52	26.02 -0.61 -0.01	20.22 -0.45 -0.88	28.55 -0.64 -0.25	37.80 -0.75 -0.04	43.95 -0.69 0.00	29.97 -0.59 -0.01	23.87 -0.52 -0.12	24.62 -0.45 0.00	21.78 -0.38 0.00
STA_67___115KV_BK2 355882	20.95 -0.54 0.00	21.19 -0.45 0.00	17.58 -0.42 0.00	18.14 -0.32 0.00	17.03 -0.32 0.00	17.16 -0.28 0.00	32.13 -0.36 -3.83	315.79 -4.20 -3.09	53.23 -0.40 -24.51	35.82 -0.20 -14.06	37.51 -0.27 -2.05	32.41 -0.27 -1.25	41.80 -0.16 -2.55	30.45 -0.11 -1.43	27.83 -0.36 -0.52	26.08 -0.55 -0.01	20.27 -0.41 -0.89	28.60 -0.60 -0.25	37.87 -0.68 -0.04	44.06 -0.58 0.00	30.04 -0.52 -0.01	23.92 -0.47 -0.12	24.70 -0.37 0.00	21.86 -0.30 0.00
STA_7___115KV_9TRANS 80674	21.07 -0.42 0.00	21.30 -0.34 0.00	17.67 -0.33 0.00	18.23 -0.24 0.00	17.11 -0.23 0.00	17.25 -0.19 0.00	32.31 -0.19 -3.84	317.78 -2.21 -3.09	53.49 -0.22 -24.58	36.01 -0.06 -14.10	37.77 -0.01 -2.06	32.62 -0.06 -1.26	42.08 0.11 -2.56	30.65 0.08 -1.44	28.03 -0.17 -0.52	26.26 -0.37 -0.01	20.41 -0.27 -0.89	28.81 -0.38 -0.25	38.17 -0.39 -0.04	44.41 -0.23 0.00	30.27 -0.30 -0.01	24.08 -0.31 -0.12	24.84 -0.23 0.00	21.98 -0.18 0.00
STA_82___115KV_TB1 80780	20.96 -0.53 0.00	21.20 -0.44 0.00	17.59 -0.41 0.00	18.15 -0.32 0.00	17.04 -0.31 0.00	17.17 -0.27 0.00	32.22 -0.34 -3.90	316.03 -3.96 -3.09	53.69 -0.38 -24.95	36.08 -0.19 -14.31	37.57 -0.24 -2.09	32.44 -0.25 -1.27	41.88 -0.13 -2.60	30.49 -0.10 -1.46	27.86 -0.34 -0.52	26.09 -0.54 -0.01	20.29 -0.40 -0.89	28.62 -0.57 -0.25	37.90 -0.66 -0.04	44.10 -0.54 0.00	30.07 -0.49 -0.01	23.94 -0.46 -0.12	24.71 -0.36 0.00	21.87 -0.29 0.00
STEEL___WIND 323596	20.67 -0.82 0.00	21.02 -0.62 0.00	17.42 -0.57 0.00	18.10 -0.37 0.00	16.98 -0.37 0.00	17.11 -0.33 0.00	32.97 -0.45 -4.77	312.71 -7.20 -3.01	59.18 -0.71 -30.77	39.16 -0.28 -17.48	37.71 -0.56 -2.55	32.52 -0.46 -1.56	42.36 -0.23 -3.17	30.76 -0.15 -1.78	27.71 -0.61 -0.64	25.75 -0.88 -0.02	20.29 -0.75 -1.24	28.24 -1.06 -0.35	37.42 -1.14 -0.05	43.64 -1.00 0.00	29.68 -0.89 -0.01	23.61 -0.84 -0.17	24.51 -0.56 0.00	21.75 -0.41 0.00

STEPHTWN_115KV_BK_2 55603	21.92 0.43 0.00	22.02 0.38 0.00	18.30 0.30 0.00	18.73 0.27 0.00	17.78 0.43 0.00	17.88 0.44 0.00	29.69 1.03 0.00	330.47 13.45 -0.11	36.72 1.09 -6.51	40.36 0.79 -17.60	36.79 1.07 0.00	32.37 0.94 0.00	40.59 1.17 0.00	29.89 0.76 0.00	28.55 0.87 0.00	28.19 0.98 -0.59	58.12 0.77 -37.56	40.68 1.27 -10.46	41.79 1.73 -1.55	46.56 1.92 0.00	32.18 1.22 -0.41	30.44 0.93 -5.24	25.91 0.84 0.00	22.72 0.56 0.00
STEUBEN_REC_LFGE 323667	20.86 -0.63 0.00	21.38 -0.26 0.00	17.61 -0.39 0.00	18.24 -0.23 0.00	17.26 -0.09 0.00	17.17 -0.27 0.00	34.66 -0.34 -6.34	318.89 -0.95 -2.93	69.88 -0.12 -40.87	45.04 -0.12 -23.20	38.92 -0.18 -3.38	33.09 -0.40 -2.07	43.86 0.24 -4.21	31.77 0.27 -2.37	28.34 -0.19 -0.85	26.20 -0.44 -0.03	21.01 -0.44 -1.66	29.04 -0.37 -0.46	38.90 0.31 -0.07	45.20 0.56 0.00	30.51 -0.06 -0.02	24.25 -0.25 -0.23	24.76 -0.32 0.00	22.25 0.08 0.00
STILLWATER___SOLAR 323814	22.38 0.89 0.00	22.50 0.86 0.00	18.71 0.71 0.00	19.18 0.71 0.00	18.14 0.80 0.00	18.30 0.87 0.00	30.24 1.58 0.00	336.72 19.70 -0.11	37.52 1.71 -6.68	40.21 1.23 -17.02	37.58 1.85 0.00	32.95 1.53 0.00	41.37 1.95 0.00	30.56 1.43 0.00	29.14 1.47 0.00	28.75 1.53 -0.61	59.56 1.21 -38.55	41.55 1.87 -10.73	42.64 2.54 -1.59	47.58 2.94 0.00	32.91 1.94 -0.42	31.07 1.43 -5.38	26.42 1.35 0.00	23.12 0.96 0.00
STONY___BROOK 24151	23.06 1.57 0.00	23.22 1.58 0.00	19.27 1.27 0.00	19.75 1.28 0.00	18.75 1.40 0.00	18.97 1.54 0.00	31.29 2.63 0.00	343.26 26.24 -0.12	36.94 2.68 -5.14	71.50 2.00 -47.54	38.24 2.51 0.00	34.08 2.66 0.00	42.71 3.30 0.00	31.71 2.58 0.00	30.94 3.27 0.00	30.42 3.34 -0.47	51.95 2.53 -29.63	40.51 3.31 -8.25	43.70 3.96 -1.22	48.70 4.06 0.00	33.68 2.81 -0.32	30.54 2.13 -4.13	27.40 2.33 0.00	23.88 1.72 0.00
STURGEON_POOL_HYD 23609	22.48 0.98 0.00	22.59 0.95 0.00	18.78 0.78 0.00	19.25 0.78 0.00	18.22 0.88 0.00	18.37 0.93 0.00	30.41 1.76 0.00	337.37 20.35 -0.12	36.34 1.87 -5.35	29.01 1.38 -5.66	37.80 2.07 0.00	33.35 1.93 0.00	41.65 2.24 0.00	30.80 1.66 0.00	29.34 1.66 0.00	28.81 1.71 -0.49	51.90 1.25 -30.85	39.40 1.87 -8.59	42.23 2.44 -1.27	47.50 2.86 0.00	32.81 1.93 -0.34	30.08 1.50 -4.30	26.62 1.55 0.00	23.27 1.11 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	22.44 0.95 0.00	22.56 0.91 0.00	18.74 0.74 0.00	19.21 0.74 0.00	18.16 0.82 0.00	18.31 0.87 0.00	30.31 1.65 0.00	335.92 18.89 -0.12	35.32 1.75 -4.44	-29.23 1.32 52.51	37.73 2.00 0.00	33.27 1.85 0.00	41.63 2.22 0.00	30.73 1.60 0.00	29.28 1.60 0.00	28.66 1.64 -0.40	46.63 1.20 -25.64	37.89 1.80 -7.14	41.90 2.33 -1.06	47.39 2.74 0.00	32.67 1.84 -0.28	29.26 1.42 -3.58	26.54 1.47 0.00	23.22 1.06 0.00
SWANROAD_115KV_TB1 355699	20.00 -1.49 0.00	20.37 -1.27 0.00	16.89 -1.10 0.00	17.56 -0.91 0.00	16.48 -0.87 0.00	16.59 -0.85 0.00	31.69 -1.47 -4.51	299.32 -20.62 -3.03	56.25 -1.89 -29.01	37.29 -1.18 -16.51	36.28 -1.85 -2.41	31.31 -1.58 -1.47	40.64 -1.77 -3.00	29.59 -1.22 -1.68	26.78 -1.50 -0.61	24.86 -1.78 -0.02	19.57 -1.37 -1.15	27.19 -2.08 -0.32	35.90 -2.67 -0.05	41.95 -2.69 0.00	28.60 -1.96 -0.01	22.82 -1.61 -0.16	23.78 -1.29 0.00	21.09 -1.07 0.00
SYNERGY___BIOGAS 323694	20.99 -0.50 0.00	21.31 -0.33 0.00	17.67 -0.33 0.00	18.30 -0.16 0.00	17.19 -0.15 0.00	17.34 -0.09 0.00	32.89 -0.03 -4.27	317.70 -2.26 -3.06	56.31 -0.22 -27.42	37.70 0.10 -15.64	38.09 0.08 -2.28	32.92 0.10 -1.39	42.59 0.34 -2.84	31.04 0.32 -1.60	28.16 -0.09 -0.57	26.21 -0.42 -0.02	20.50 -0.34 -1.04	28.76 -0.48 -0.29	38.09 -0.47 -0.04	44.46 -0.19 0.00	30.26 -0.31 -0.01	24.08 -0.34 -0.15	24.93 -0.15 0.00	22.07 -0.09 0.00
SYRACUSE___ENERGY_ST1 323597	21.43 -0.06 0.00	21.62 -0.03 0.00	17.93 -0.07 0.00	18.41 -0.05 0.00	17.29 -0.05 0.00	17.42 -0.02 0.00	36.43 0.12 -7.65	327.32 7.24 -3.17	77.32 0.40 -47.79	50.08 0.00 -28.11	39.78 -0.05 -4.10	33.92 -0.01 -2.50	44.60 0.08 -5.10	32.05 0.05 -2.87	28.58 -0.13 -1.03	26.36 -0.27 -0.01	20.38 -0.17 -0.75	28.94 -0.22 -0.21	38.21 -0.33 -0.03	44.31 -0.33 0.00	30.29 -0.27 -0.01	24.21 -0.16 -0.10	24.92 -0.15 0.00	22.20 0.04 0.00
SYRACUSE___ENERGY_ST2 323598	21.43 -0.06 0.00	21.62 -0.03 0.00	17.93 -0.07 0.00	18.41 -0.05 0.00	17.29 -0.05 0.00	17.42 -0.02 0.00	36.43 0.12 -7.65	327.32 7.24 -3.17	77.32 0.40 -47.79	50.08 0.00 -28.11	39.78 -0.05 -4.10	33.92 -0.01 -2.50	44.60 0.08 -5.10	32.05 0.05 -2.87	28.58 -0.13 -1.03	26.36 -0.27 -0.01	20.38 -0.17 -0.75	28.94 -0.22 -0.21	38.21 -0.33 -0.03	44.31 -0.33 0.00	30.29 -0.27 -0.01	24.21 -0.16 -0.10	24.92 -0.15 0.00	22.20 0.04 0.00
SYRACUSE___POWER 24017	21.36 -0.13 0.00	21.53 -0.11 0.00	17.86 -0.14 0.00	18.34 -0.12 0.00	17.23 -0.12 0.00	17.34 -0.09 0.00	35.03 -0.04 -6.42	322.68 2.81 -2.97	69.97 0.07 -40.78	45.44 -0.07 -23.54	38.98 -0.18 -3.43	33.38 -0.14 -2.10	43.63 -0.06 -4.27	31.51 -0.02 -2.40	28.33 -0.21 -0.86	26.30 -0.33 -0.01	20.38 -0.21 -0.79	28.90 -0.27 -0.22	38.22 -0.32 -0.03	44.33 -0.31 0.00	30.29 -0.27 -0.01	24.20 -0.18 -0.11	24.90 -0.17 0.00	22.08 -0.08 0.00
TALLMAN__138KV_BK151 55660	22.51 1.02 0.00	22.63 0.98 0.00	18.80 0.80 0.00	19.27 0.80 0.00	18.23 0.88 0.00	18.38 0.94 0.00	30.45 1.79 0.00	337.32 20.29 -0.12	35.68 1.89 -4.67	-38.45 1.44 61.86	37.95 2.22 0.00	33.49 2.07 0.00	41.84 2.43 0.00	30.89 1.76 0.00	29.49 1.82 0.00	28.89 1.85 -0.42	48.07 1.34 -26.94	38.47 2.02 -7.50	42.20 2.57 -1.11	47.66 3.02 0.00	32.86 2.02 -0.29	29.56 1.53 -3.76	26.66 1.59 0.00	23.31 1.15 0.00
TEALLAVE_115KV_TB7 355573	21.26 -0.23 0.00	21.43 -0.21 0.00	17.78 -0.21 0.00	18.26 -0.20 0.00	17.16 -0.19 0.00	17.26 -0.18 0.00	33.86 -0.20 -5.40	320.07 0.29 -2.88	63.39 -0.12 -34.38	41.62 -0.16 -19.83	38.29 -0.32 -2.89	32.93 -0.26 -1.77	42.77 -0.24 -3.60	30.99 -0.16 -2.02	28.07 -0.33 -0.73	26.18 -0.45 -0.01	20.16 -0.29 -0.66	28.72 -0.41 -0.18	38.00 -0.55 -0.03	44.06 -0.58 0.00	30.12 -0.44 -0.01	24.05 -0.31 -0.09	24.77 -0.30 0.00	21.97 -0.19 0.00
TELEGRAPH_34_KV_EAST 80808	20.53 -0.96 0.00	20.87 -0.77 0.00	17.31 -0.69 0.00	17.96 -0.51 0.00	16.86 -0.49 0.00	16.99 -0.45 0.00	32.31 -0.72 -4.37	309.04 -10.91 -3.04	56.25 -0.99 -28.11	37.44 -0.54 -16.02	37.24 -0.83 -2.33	32.16 -0.69 -1.43	41.66 -0.66 -2.91	30.32 -0.44 -1.63	27.48 -0.78 -0.59	25.57 -1.07 -0.02	20.06 -0.83 -1.09	28.01 -1.24 -0.30	37.07 -1.50 -0.04	43.28 -1.37 0.00	29.48 -1.09 -0.01	23.49 -0.93 -0.15	24.40 -0.67 0.00	21.61 -0.55 0.00
TEMPLE___115KV_TB 2 55572	21.26 -0.23 0.00	21.43 -0.21 0.00	17.78 -0.21 0.00	18.27 -0.20 0.00	17.16 -0.19 0.00	17.26 -0.18 0.00	33.96 -0.20 -5.50	320.08 0.29 -2.89	64.07 -0.12 -35.07	42.00 -0.16 -20.20	38.36 -0.31 -2.94	32.97 -0.25 -1.80	42.87 -0.21 -3.67	31.04 -0.15 -2.06	28.10 -0.32 -0.74	26.19 -0.44 -0.01	20.18 -0.29 -0.67	28.73 -0.41 -0.19	38.01 -0.53 -0.03	44.09 -0.55 0.00	30.13 -0.43 -0.01	24.07 -0.30 -0.09	24.78 -0.29 0.00	21.98 -0.18 0.00

TIANA____69_KV_BK 1 55817	23.16 1.67 0.00	23.31 1.67 0.00	19.36 1.36 0.00	19.84 1.37 0.00	18.85 1.50 0.00	19.07 1.63 0.00	31.47 2.81 0.00	344.72 27.69 -0.12	37.01 2.75 -5.14	71.76 2.26 -47.54	38.32 2.59 0.00	34.15 2.73 0.00	42.84 3.42 0.00	31.90 2.77 0.00	31.04 3.36 0.00	30.50 3.42 -0.47	52.02 2.60 -29.63	40.67 3.48 -8.25	43.97 4.23 -1.22	49.32 4.68 0.00	34.32 3.44 -0.32	30.87 2.47 -4.13	27.69 2.62 0.00	24.13 1.97 0.00
TILDEN____115KV_TB1 80814	21.36 -0.13 0.00	21.53 -0.11 0.00	17.86 -0.14 0.00	18.34 -0.12 0.00	17.23 -0.12 0.00	17.34 -0.09 0.00	35.03 -0.04 -6.42	322.68 2.81 -2.97	69.97 0.07 -40.78	45.44 -0.07 -23.54	38.98 -0.18 -3.43	33.38 -0.14 -2.10	43.63 -0.06 -4.27	31.51 -0.02 -2.40	28.33 -0.21 -0.86	26.30 -0.33 -0.01	20.38 -0.21 -0.79	28.90 -0.27 -0.22	38.22 -0.32 -0.03	44.33 -0.31 0.00	30.29 -0.27 -0.01	24.20 -0.18 -0.11	24.90 -0.17 0.00	22.08 -0.08 0.00
TRIGEN____CC 323695	22.65 1.16 0.00	22.78 1.14 0.00	18.92 0.93 0.00	19.39 0.92 0.00	18.37 1.02 0.00	18.56 1.13 0.00	30.61 1.96 0.00	337.06 20.04 -0.12	36.32 2.06 -5.14	71.10 1.60 -47.54	38.04 2.31 0.00	33.68 2.26 0.00	42.05 2.64 0.00	31.23 2.10 0.00	30.00 2.32 -0.01	29.39 2.31 -0.47	51.08 1.66 -29.63	39.51 2.31 -8.25	42.58 2.84 -1.22	47.89 3.24 0.00	33.20 2.33 -0.32	30.20 1.79 -4.14	26.98 1.90 0.00	23.58 1.41 -0.01
TRINITY__115KV__ 4 BK 55933	21.72 0.23 0.00	21.85 0.20 0.00	18.17 0.17 0.00	18.61 0.14 0.00	17.62 0.27 0.00	17.74 0.30 0.00	29.30 0.64 0.00	326.38 9.37 -0.11	36.39 0.74 -6.52	40.14 0.53 -17.64	36.45 0.73 0.00	32.03 0.61 0.00	40.10 0.69 0.00	29.64 0.51 0.00	28.29 0.61 0.00	27.92 0.71 -0.59	58.01 0.57 -37.64	40.33 0.90 -10.48	41.23 1.17 -1.55	45.99 1.35 0.00	31.84 0.88 -0.41	30.14 0.62 -5.25	25.63 0.57 0.00	22.47 0.30 0.00
UNION____PROCESSING_DRP 323587	20.96 -0.53 0.00	21.21 -0.43 0.00	17.59 -0.40 0.00	18.15 -0.32 0.00	17.04 -0.30 0.00	17.17 -0.27 0.00	32.25 -0.33 -3.93	316.05 -3.95 -3.09	53.85 -0.37 -25.10	36.19 -0.18 -14.41	37.60 -0.23 -2.10	32.46 -0.24 -1.28	41.91 -0.12 -2.61	30.52 -0.08 -1.47	27.87 -0.33 -0.53	26.10 -0.52 -0.01	20.29 -0.39 -0.89	28.63 -0.56 -0.25	37.92 -0.64 -0.04	44.10 -0.54 0.00	30.08 -0.48 -0.01	23.94 -0.45 -0.13	24.72 -0.36 0.00	21.88 -0.28 0.00
UPPER HUDSON____HYD 24058	22.46 0.97 0.00	22.55 0.91 0.00	18.77 0.77 0.00	19.23 0.76 0.00	18.18 0.84 0.00	18.39 0.96 0.00	30.36 1.70 0.00	339.31 22.29 -0.11	37.74 1.92 -6.70	40.17 1.33 -16.88	37.73 2.00 0.00	33.02 1.59 0.00	41.53 2.12 0.00	30.67 1.54 0.00	29.30 1.63 0.00	28.93 1.70 -0.61	59.82 1.37 -38.65	41.87 2.16 -10.76	43.09 2.98 -1.59	48.08 3.43 0.00	33.20 2.23 -0.42	31.29 1.62 -5.39	26.55 1.48 0.00	23.12 0.96 0.00
UPPER RAQUET____HYD 24056	21.58 0.09 0.00	21.67 0.03 0.00	18.01 0.01 0.00	18.48 0.01 0.00	17.23 -0.12 0.00	17.30 -0.14 0.00	28.33 -0.33 0.00	312.64 -4.71 -0.45	28.77 -0.35 0.00	21.70 -0.26 0.00	35.31 -0.41 0.00	31.05 -0.37 0.00	38.95 -0.46 0.00	28.78 -0.36 0.00	27.38 -0.29 0.00	26.37 -0.24 0.00	19.59 -0.21 0.00	28.79 -0.15 0.00	38.46 -0.06 0.00	44.41 -0.24 0.00	30.39 -0.16 0.00	24.11 -0.16 0.00	24.82 -0.25 0.00	22.01 -0.15 0.00
VALLEY44_115KV_TB2 355964	21.32 -0.17 0.00	21.64 0.00 0.00	17.90 -0.09 0.00	18.59 0.12 0.00	17.40 0.05 0.00	17.50 0.06 0.00	34.16 0.37 -5.13	325.79 5.90 -2.98	62.62 0.39 -33.11	41.14 0.39 -18.79	39.02 0.56 -2.74	33.55 0.45 -1.67	43.74 0.92 -3.41	31.63 0.59 -1.91	28.49 0.12 -0.69	26.50 -0.14 -0.02	21.02 -0.13 -1.36	29.19 -0.14 -0.38	38.63 0.06 -0.06	45.07 0.42 0.00	30.57 0.00 -0.02	24.34 -0.12 -0.19	25.25 0.18 0.00	22.31 0.15 0.00
VALLEY____115KV_TB 1-4 80826	21.72 0.23 0.00	21.88 0.24 0.00	18.17 0.18 0.00	18.63 0.16 0.00	17.63 0.28 0.00	17.80 0.37 0.00	29.41 0.76 0.00	327.24 9.88 -0.45	30.01 0.89 0.00	22.46 0.50 0.00	36.13 0.40 0.00	31.67 0.25 0.00	39.82 0.40 0.00	29.53 0.39 0.00	28.05 0.37 0.00	27.02 0.40 0.00	20.23 0.43 0.00	29.72 0.77 0.00	39.75 1.23 0.00	46.06 1.42 0.00	31.49 0.94 0.00	25.04 0.77 0.00	25.71 0.64 0.00	22.52 0.36 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	22.27 0.78 0.00	22.40 0.76 0.00	18.62 0.62 0.00	19.11 0.64 0.00	18.07 0.72 0.00	18.20 0.76 0.00	32.42 1.41 -2.35	334.47 16.60 -0.96	48.00 1.46 -17.41	27.91 1.12 -4.83	38.70 1.72 -1.25	33.69 1.50 -0.76	42.81 1.84 -1.56	31.31 1.30 -0.87	29.28 1.29 -0.31	28.14 1.32 -0.21	34.15 1.00 -13.36	34.13 1.47 -3.72	41.02 1.96 -0.55	46.98 2.33 0.00	32.29 1.59 -0.15	27.31 1.18 -1.86	26.26 1.19 0.00	23.04 0.88 0.00
VISCHER____FERRY HYD 24020	22.10 0.61 0.00	22.23 0.59 0.00	18.49 0.49 0.00	18.94 0.47 0.00	17.93 0.58 0.00	18.06 0.63 0.00	29.77 1.11 0.00	331.55 14.53 -0.11	36.99 1.25 -6.62	40.40 0.88 -17.55	37.04 1.31 0.00	32.53 1.11 0.00	40.78 1.37 0.00	30.11 0.98 0.00	28.73 1.05 0.00	28.35 1.13 -0.60	58.86 0.89 -38.17	40.95 1.37 -10.63	41.90 1.81 -1.57	46.75 2.11 0.00	32.40 1.43 -0.42	30.65 1.05 -5.32	26.07 1.00 0.00	22.84 0.68 0.00
V_A_10_SYNC_DSASP 323832	20.32 -1.17 0.00	20.65 -0.99 0.00	17.13 -0.86 0.00	17.77 -0.70 0.00	16.66 -0.69 0.00	16.77 -0.67 0.00	31.76 -1.07 -4.18	305.47 -14.48 -3.04	54.61 -1.38 -26.87	36.53 -0.74 -15.31	36.67 -1.29 -2.23	31.65 -1.14 -1.36	41.08 -1.11 -2.78	29.89 -0.80 -1.56	27.12 -1.12 -0.56	25.25 -1.38 -0.02	19.79 -1.07 -1.07	27.65 -1.60 -0.30	36.54 -2.02 -0.04	42.66 -1.98 0.00	29.06 -1.50 -0.01	23.16 -1.26 -0.15	24.05 -1.02 0.00	21.34 -0.82 0.00
V_CMM_10_SYNC_DSASP 323787	21.47 -0.02 0.00	21.59 -0.05 0.00	17.99 -0.01 0.00	18.49 0.02 0.00	17.25 -0.10 0.00	17.31 -0.13 0.00	28.33 -0.33 0.00	311.69 -5.38 -0.16	28.68 -0.45 0.00	21.68 -0.28 0.00	35.36 -0.36 0.00	31.06 -0.36 0.00	39.00 -0.41 0.00	28.87 -0.26 0.00	27.48 -0.19 0.00	26.44 -0.18 0.00	19.63 -0.16 0.00	28.71 -0.23 0.00	38.19 -0.33 0.00	44.15 -0.49 0.00	30.27 -0.28 0.00	24.06 -0.21 0.00	24.86 -0.22 0.00	22.04 -0.12 0.00
V_CMP_10_SYNC_DSASP 323788	22.01 0.52 0.00	22.10 0.46 0.00	18.45 0.45 0.00	18.82 0.36 0.00	17.60 0.25 0.00	17.73 0.29 0.00	28.89 0.23 0.00	318.82 1.73 -0.19	29.46 0.33 0.00	22.15 0.18 0.00	36.19 0.47 0.00	32.02 0.60 0.00	40.42 1.01 0.00	29.79 0.66 0.00	28.82 1.14 0.00	27.93 1.31 0.00	20.64 0.84 0.00	30.24 1.29 0.00	40.17 1.65 0.00	45.60 0.96 0.00	31.33 0.78 0.00	24.82 0.55 0.00	25.42 0.35 0.00	22.52 0.36 0.00
V_E_10_SYNC_DSASP 323830	22.42 0.92 0.00	22.58 0.94 0.00	18.72 0.72 0.00	19.29 0.82 0.00	18.16 0.81 0.00	18.39 0.95 0.00	36.87 2.00 -6.21	347.06 27.86 -2.29	71.94 2.12 -40.69	46.09 1.48 -22.65	41.04 2.01 -3.30	35.14 1.70 -2.02	46.24 2.72 -4.11	33.39 1.95 -2.31	30.26 1.75 -0.83	28.34 1.63 -0.08	26.44 1.30 -5.35	32.58 2.14 -1.49	41.91 3.18 -0.22	48.36 3.72 0.00	32.95 2.34 -0.06	26.63 1.61 -0.75	26.62 1.54 0.00	23.42 1.26 0.00

V_F_30_NSYNC___DSASP 323816	22.41 0.92 0.00	22.53 0.89 0.00	18.73 0.74 0.00	19.20 0.73 0.00	18.16 0.82 0.00	18.32 0.89 0.00	30.27 1.62 0.00	337.17 20.15 -0.11	37.57 1.76 -6.69	40.15 1.24 -16.96	37.64 1.92 0.00	32.99 1.57 0.00	41.43 2.01 0.00	30.60 1.47 0.00	29.18 1.51 0.00	28.79 1.57 -0.61	59.63 1.24 -38.60	41.61 1.91 -10.75	42.70 2.59 -1.59	47.64 3.00 0.00	32.95 1.98 -0.42	31.11 1.46 -5.38	26.46 1.38 0.00	23.15 0.99 0.00
V_F_30_SYNC_DSASP 323786	21.78 0.30 0.00	21.91 0.27 0.00	18.23 0.23 0.00	18.67 0.20 0.00	17.67 0.33 0.00	17.80 0.36 0.00	29.41 0.75 0.00	327.62 10.60 -0.11	36.54 0.85 -6.56	40.11 0.61 -17.53	36.59 0.87 0.00	32.16 0.73 0.00	40.27 0.86 0.00	29.77 0.64 0.00	28.41 0.73 0.00	28.03 0.82 -0.60	58.30 0.66 -37.85	40.51 1.02 -10.54	41.40 1.33 -1.56	46.19 1.55 0.00	31.97 1.00 -0.41	30.27 0.72 -5.28	25.73 0.66 0.00	22.55 0.38 0.00
V_XM_10_SYNC_DSASP 323789	22.01 0.52 0.00	22.10 0.46 0.00	18.45 0.45 0.00	18.82 0.36 0.00	17.60 0.25 0.00	17.73 0.29 0.00	28.89 0.23 0.00	318.82 1.73 -0.19	29.46 0.33 0.00	22.15 0.18 0.00	36.19 0.47 0.00	32.02 0.60 0.00	40.42 1.01 0.00	29.79 0.66 0.00	28.82 1.14 0.00	27.93 1.31 0.00	20.64 0.84 0.00	30.24 1.29 0.00	40.17 1.65 0.00	45.60 0.96 0.00	31.33 0.78 0.00	24.82 0.55 0.00	25.42 0.35 0.00	22.52 0.36 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	22.57 1.08 0.00	22.69 1.05 0.00	18.85 0.85 0.00	19.32 0.85 0.00	18.28 0.93 0.00	18.43 0.99 0.00	30.54 1.89 0.00	338.45 21.43 -0.12	35.82 1.95 -4.74	-40.96 1.49 64.41	38.03 2.31 0.00	33.55 2.13 0.00	41.92 2.50 0.00	30.94 1.81 0.00	29.55 1.87 0.00	28.96 1.91 -0.43	48.47 1.41 -27.27	38.63 2.08 -7.61	42.30 2.66 -1.13	47.77 3.12 0.00	32.94 2.09 -0.30	29.67 1.58 -3.81	26.71 1.64 0.00	23.34 1.18 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	22.69 1.20 0.00	22.79 1.15 0.00	18.95 0.95 0.00	19.41 0.94 0.00	18.36 1.02 0.00	18.55 1.11 0.00	30.84 2.18 0.00	341.28 24.25 -0.12	36.49 2.23 -5.13	71.34 1.72 -47.65	38.48 2.76 0.00	33.94 2.51 0.00	42.31 2.89 0.00	31.21 2.08 0.00	29.82 2.14 0.00	29.30 2.22 -0.47	50.97 1.57 -29.61	39.46 2.27 -8.24	42.62 2.89 -1.22	48.11 3.46 0.00	33.13 2.25 -0.32	30.15 1.75 -4.13	26.90 1.83 0.00	23.51 1.35 0.00
W50THST__13_KV_LOAD 356117	22.82 1.33 0.00	22.92 1.28 0.00	19.05 1.05 0.00	19.51 1.05 0.00	18.46 1.12 0.00	18.65 1.22 0.00	31.04 2.38 0.00	343.63 26.61 -0.12	36.73 2.47 -5.13	71.52 1.90 -47.65	38.79 3.06 0.00	34.21 2.79 0.00	42.65 3.24 0.00	31.46 2.33 0.00	30.05 2.37 0.00	29.52 2.44 -0.47	51.13 1.73 -29.61	39.69 2.49 -8.24	42.90 3.16 -1.22	48.39 3.75 0.00	33.30 2.43 -0.32	30.29 1.89 -4.13	27.05 1.98 0.00	23.64 1.47 0.00
WADING RIVER_IC_1 23522	23.03 1.54 0.00	23.19 1.54 0.00	19.26 1.26 0.00	19.73 1.27 0.00	18.74 1.39 0.00	18.96 1.52 0.00	31.26 2.61 0.00	342.40 25.38 -0.12	36.87 2.61 -5.14	71.42 1.92 -47.54	38.01 2.28 0.00	33.92 2.50 0.00	42.51 3.09 0.00	31.57 2.44 0.00	30.77 3.09 0.00	30.22 3.14 -0.47	51.82 2.40 -29.63	40.38 3.18 -8.25	43.61 3.88 -1.22	48.91 4.27 0.00	34.01 3.13 -0.32	30.70 2.30 -4.13	27.52 2.46 0.00	23.99 1.83 0.00
WADING RIVER_IC_2 23547	23.03 1.54 0.00	23.19 1.54 0.00	19.26 1.26 0.00	19.73 1.27 0.00	18.74 1.39 0.00	18.96 1.52 0.00	31.26 2.61 0.00	342.40 25.38 -0.12	36.87 2.61 -5.14	71.42 1.92 -47.54	38.01 2.28 0.00	33.92 2.50 0.00	42.51 3.09 0.00	31.57 2.44 0.00	30.77 3.09 0.00	30.22 3.14 -0.47	51.82 2.40 -29.63	40.38 3.18 -8.25	43.61 3.88 -1.22	48.91 4.27 0.00	34.01 3.13 -0.32	30.70 2.30 -4.13	27.52 2.46 0.00	23.99 1.83 0.00
WADING RIVER_IC_3 23601	23.03 1.54 0.00	23.19 1.54 0.00	19.26 1.26 0.00	19.73 1.27 0.00	18.74 1.39 0.00	18.96 1.52 0.00	31.26 2.61 0.00	342.40 25.38 -0.12	36.87 2.61 -5.14	71.42 1.92 -47.54	38.01 2.28 0.00	33.92 2.50 0.00	42.51 3.09 0.00	31.57 2.44 0.00	30.77 3.09 0.00	30.22 3.14 -0.47	51.82 2.40 -29.63	40.38 3.18 -8.25	43.61 3.88 -1.22	48.91 4.27 0.00	34.01 3.13 -0.32	30.70 2.30 -4.13	27.52 2.46 0.00	23.99 1.83 0.00
WALDENNY_12_KV_BK2 80841	20.67 -0.82 0.00	21.03 -0.61 0.00	17.42 -0.58 0.00	18.09 -0.38 0.00	16.98 -0.36 0.00	17.11 -0.33 0.00	32.93 -0.47 -4.74	312.18 -7.73 -3.01	59.01 -0.69 -30.58	38.97 -0.36 -17.37	37.75 -0.51 -2.53	32.53 -0.43 -1.55	42.34 -0.23 -3.15	30.74 -0.16 -1.77	27.73 -0.58 -0.64	25.78 -0.86 -0.02	20.32 -0.70 -1.23	28.25 -1.04 -0.34	37.42 -1.15 -0.05	43.68 -0.97 0.00	29.69 -0.87 -0.01	23.64 -0.81 -0.17	24.56 -0.51 0.00	21.75 -0.41 0.00
WALDEN___HYDRO 24148	22.60 1.11 0.00	22.71 1.07 0.00	18.87 0.88 0.00	19.34 0.88 0.00	18.29 0.94 0.00	18.45 1.01 0.00	30.57 1.91 0.00	339.14 22.12 -0.12	35.93 2.01 -4.80	6.66 1.42 16.72	38.03 2.30 0.00	33.39 1.96 0.00	41.81 2.40 0.00	30.89 1.76 0.00	29.39 1.72 0.00	28.87 1.82 -0.44	48.80 1.30 -27.71	38.72 2.06 -7.71	42.39 2.73 -1.14	47.88 3.23 0.00	33.02 2.17 -0.30	29.79 1.65 -3.86	26.76 1.68 0.00	23.39 1.24 0.00
WARRENSBURG___ 23737	22.46 0.97 0.00	22.55 0.91 0.00	18.77 0.77 0.00	19.23 0.76 0.00	18.18 0.84 0.00	18.39 0.96 0.00	30.36 1.70 0.00	339.31 22.29 -0.11	37.74 1.92 -6.70	40.17 1.33 -16.88	37.73 2.00 0.00	33.02 1.59 0.00	41.53 2.12 0.00	30.67 1.54 0.00	29.30 1.63 0.00	28.93 1.70 -0.61	59.82 1.37 -38.65	41.87 2.16 -10.76	43.09 2.98 -1.59	48.08 3.43 0.00	33.20 2.23 -0.42	31.29 1.62 -5.39	26.55 1.48 0.00	23.12 0.96 0.00
WATERSIDE___6 8 9 23538	22.69 1.20 0.00	22.80 1.16 0.00	18.97 0.97 0.00	19.42 0.95 0.00	18.39 1.04 0.00	18.57 1.13 0.00	30.82 2.17 0.00	341.22 24.20 -0.12	36.51 2.26 -5.13	71.30 1.69 -47.65	38.50 2.77 0.00	33.97 2.54 0.00	43.40 2.94 -1.06	31.26 2.12 0.00	29.86 2.19 0.00	29.34 2.25 -0.47	51.00 1.60 -29.61	39.53 2.34 -8.24	42.69 2.96 -1.22	48.11 3.47 0.00	33.21 2.33 -0.32	30.20 1.80 -4.13	26.94 1.87 0.00	23.54 1.37 0.00
WATKINRD_115KV_LN8_ILLION 55919	21.65 0.15 0.00	21.80 0.16 0.00	18.11 0.12 0.00	18.57 0.10 0.00	17.53 0.18 0.00	17.68 0.24 0.00	29.17 0.51 0.00	324.15 6.79 -0.45	29.74 0.62 0.00	22.33 0.36 0.00	36.06 0.33 0.00	31.63 0.21 0.00	39.73 0.31 0.00	29.41 0.28 0.00	27.92 0.25 0.00	26.90 0.28 0.00	20.12 0.33 0.00	29.51 0.57 0.00	39.40 0.89 0.00	45.67 1.02 0.00	31.22 0.67 0.00	24.82 0.55 0.00	25.55 0.47 0.00	22.44 0.28 0.00
WATSON___69_KV_BK 1 55734	23.09 1.60 0.00	23.25 1.61 0.00	19.30 1.30 0.00	19.77 1.30 0.00	18.78 1.43 0.00	18.99 1.55 0.00	31.31 2.65 0.00	342.68 25.66 -0.12	36.93 2.67 -5.14	71.57 2.08 -47.54	38.20 2.47 0.00	34.12 2.70 0.00	42.68 3.26 0.00	31.74 2.61 0.00	30.73 3.06 0.00	30.17 3.09 -0.47	51.75 2.33 -29.63	40.27 3.08 -8.25	43.53 3.80 -1.22	48.80 4.16 0.00	33.98 3.10 -0.32	30.83 2.42 -4.13	27.65 2.57 0.00	24.08 1.92 0.00



WDELAWARE___HYD 323627	22.84 1.35 0.00	22.95 1.31 0.00	19.06 1.07 0.00	19.55 1.08 0.00	18.47 1.13 0.00	18.64 1.21 0.00	30.91 2.25 0.00	343.09 26.06 -0.12	35.91 2.36 -4.43	13.14 1.72 10.54	38.13 2.41 0.00	33.62 2.20 0.00	42.18 2.77 0.00	31.06 1.93 0.00	29.58 1.90 0.00	28.92 1.90 -0.40	46.77 1.44 -25.54	38.22 2.17 -7.11	42.51 2.94 -1.05	48.11 3.47 0.00	33.19 2.36 -0.28	29.76 1.93 -3.56	27.02 1.95 0.00	23.63 1.47 0.00
WEST BABYLON___IC 23714	23.01 1.52 0.00	23.16 1.52 0.00	19.23 1.24 0.00	19.70 1.23 0.00	18.69 1.34 0.00	18.90 1.47 0.00	31.17 2.51 0.00	341.74 24.72 -0.12	36.81 2.55 -5.14	71.48 1.98 -47.54	38.26 2.54 0.00	34.06 2.64 0.00	42.58 3.17 0.00	31.68 2.55 0.00	30.61 2.93 0.00	30.04 2.95 -0.47	51.63 2.21 -29.63	40.15 2.96 -8.25	43.40 3.66 -1.22	48.70 4.06 0.00	33.87 3.00 -0.32	30.72 2.32 -4.13	27.53 2.46 0.00	24.01 1.85 0.00
WEST CANADA___HYD 24049	21.51 0.02 0.00	21.66 0.02 0.00	18.00 0.00 0.00	18.45 -0.02 0.00	17.37 0.02 0.00	17.46 0.02 0.00	28.74 0.09 0.00	318.73 1.38 -0.45	29.27 0.15 0.00	22.07 0.11 0.00	35.86 0.13 0.00	31.51 0.08 0.00	39.49 0.08 0.00	29.19 0.06 0.00	27.71 0.04 0.00	26.66 0.05 0.00	19.87 0.08 0.00	29.08 0.13 0.00	38.73 0.22 0.00	44.91 0.26 0.00	30.71 0.16 0.00	24.40 0.13 0.00	25.18 0.10 0.00	22.22 0.06 0.00
WESTERN_NY_WIND 24143	20.96 -0.53 0.00	21.28 -0.36 0.00	17.64 -0.36 0.00	18.28 -0.18 0.00	17.17 -0.18 0.00	17.32 -0.12 0.00	32.88 -0.08 -4.30	317.19 -2.77 -3.05	56.48 -0.28 -27.63	37.79 0.06 -15.76	38.04 0.02 -2.30	32.88 0.05 -1.40	42.55 0.28 -2.86	31.01 0.27 -1.61	28.12 -0.13 -0.58	26.17 -0.46 -0.02	20.47 -0.38 -1.06	28.70 -0.54 -0.29	38.01 -0.55 -0.04	44.37 -0.27 0.00	30.20 -0.36 -0.01	24.03 -0.38 -0.15	24.89 -0.18 0.00	22.03 -0.12 0.00
WESTOVER___LESR 323668	21.38 -0.11 0.00	21.57 -0.07 0.00	17.85 -0.14 0.00	18.42 -0.05 0.00	17.29 -0.06 0.00	17.40 -0.04 0.00	36.35 0.18 -7.51	325.05 5.43 -2.72	78.35 0.29 -48.94	49.46 0.03 -27.47	39.79 0.06 -4.00	33.85 -0.01 -2.45	44.64 0.24 -4.99	32.11 0.18 -2.80	28.56 -0.12 -1.01	26.47 -0.18 -0.04	22.30 -0.20 -2.70	29.51 -0.19 -0.75	38.55 -0.08 -0.11	44.67 0.03 0.00	30.48 -0.10 -0.03	24.48 -0.17 -0.38	24.99 -0.08 0.00	22.09 -0.08 0.00
WETHRSFD_WT_PWR 323626	20.51 -0.98 0.00	20.90 -0.74 0.00	17.30 -0.69 0.00	17.93 -0.54 0.00	16.91 -0.44 0.00	16.99 -0.45 0.00	33.24 -0.71 -5.29	311.07 -8.82 -2.98	62.47 -0.79 -34.14	40.90 -0.44 -19.38	37.75 -0.80 -2.82	32.30 -0.85 -1.72	42.37 -0.56 -3.52	30.72 -0.39 -1.98	27.50 -0.89 -0.71	25.51 -1.13 -0.02	20.22 -0.97 -1.39	28.04 -1.29 -0.39	37.44 -1.13 -0.06	43.64 -1.00 0.00	29.52 -1.05 -0.02	23.48 -0.98 -0.19	24.27 -0.81 0.00	21.67 -0.49 0.00
WHAVSTOR_138KV_BK127 55557	22.50 1.01 0.00	22.61 0.97 0.00	18.79 0.79 0.00	19.26 0.79 0.00	18.21 0.87 0.00	18.37 0.93 0.00	30.43 1.77 0.00	337.00 19.97 -0.12	35.73 1.86 -4.74	-41.11 1.42 64.49	37.91 2.19 0.00	33.46 2.03 0.00	41.78 2.37 0.00	30.85 1.72 0.00	29.45 1.77 0.00	28.87 1.82 -0.43	48.45 1.32 -27.34	38.53 1.97 -7.61	42.16 2.52 -1.13	47.60 2.96 0.00	32.83 1.98 -0.30	29.59 1.51 -3.81	26.64 1.57 0.00	23.28 1.13 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	22.50 1.01 0.00	22.61 0.97 0.00	18.79 0.79 0.00	19.26 0.79 0.00	18.21 0.87 0.00	18.37 0.93 0.00	30.43 1.77 0.00	337.00 19.97 -0.12	35.73 1.86 -4.74	-41.11 1.42 64.49	37.91 2.19 0.00	33.46 2.03 0.00	41.78 2.37 0.00	30.85 1.72 0.00	29.45 1.77 0.00	28.87 1.82 -0.43	48.45 1.32 -27.34	38.53 1.97 -7.61	42.16 2.52 -1.13	47.60 2.96 0.00	32.83 1.98 -0.30	29.59 1.51 -3.81	26.64 1.57 0.00	23.28 1.13 0.00
WHITEHAL_115KV_TB1 80871	22.93 1.44 0.00	23.12 1.48 0.00	19.23 1.23 0.00	19.69 1.23 0.00	18.65 1.30 0.00	18.90 1.46 0.00	30.87 2.21 0.00	349.49 32.48 -0.11	38.45 2.63 -6.70	40.65 1.77 -16.91	38.15 2.42 0.00	33.31 1.89 0.00	41.91 2.50 0.00	30.92 1.79 0.00	29.74 2.06 0.00	29.53 2.31 -0.61	60.32 1.90 -38.63	42.75 3.05 -10.75	44.38 4.27 -1.59	49.49 4.84 0.00	34.07 3.09 -0.42	31.97 2.31 -5.39	27.10 2.02 0.00	23.32 1.16 0.00
WHITEPLN_13_KV_LOAD 356215	22.74 1.25 0.00	22.87 1.23 0.00	19.00 1.01 0.00	19.47 1.00 0.00	18.42 1.07 0.00	18.61 1.17 0.00	30.88 2.22 0.00	342.26 25.23 -0.12	36.59 2.37 -5.10	72.67 1.76 -48.94	38.42 2.69 0.00	33.96 2.54 0.00	42.40 2.98 0.00	31.28 2.15 0.00	29.85 2.17 0.00	29.29 2.21 -0.46	50.81 1.59 -29.42	39.49 2.36 -8.19	42.75 3.02 -1.21	48.20 3.55 0.00	33.25 2.38 -0.32	30.27 1.90 -4.10	27.02 1.95 0.00	23.59 1.44 0.00
WM_FLOYD_69_KV_BK2 356380	23.01 1.52 0.00	23.16 1.52 0.00	19.24 1.24 0.00	19.71 1.24 0.00	18.73 1.38 0.00	18.94 1.50 0.00	31.24 2.58 0.00	342.15 25.12 -0.12	36.79 2.53 -5.14	71.49 1.99 -47.54	37.83 2.11 0.00	33.85 2.43 0.00	42.37 2.96 0.00	31.54 2.41 0.00	30.63 2.95 0.00	30.07 2.98 -0.47	51.69 2.27 -29.63	40.23 3.03 -8.25	43.44 3.70 -1.22	48.73 4.09 0.00	33.89 3.02 -0.32	30.68 2.27 -4.13	27.51 2.44 0.00	23.97 1.82 0.00
WOODARD___115KV_TB2 355635	21.25 -0.23 0.00	21.42 -0.22 0.00	17.77 -0.22 0.00	18.25 -0.21 0.00	17.15 -0.20 0.00	17.25 -0.19 0.00	34.14 -0.22 -5.71	320.52 0.60 -3.01	65.10 -0.09 -36.06	42.76 -0.19 -20.99	38.43 -0.35 -3.06	33.00 -0.29 -1.87	42.94 -0.28 -3.81	31.06 -0.21 -2.14	28.08 -0.37 -0.77	26.15 -0.48 -0.01	20.12 -0.34 -0.67	28.64 -0.49 -0.19	37.90 -0.65 -0.03	43.95 -0.70 0.00	30.04 -0.51 -0.01	24.01 -0.36 -0.09	24.72 -0.35 0.00	21.95 -0.21 0.00
YORK___WARBASSE 23770	22.70 1.21 0.00	22.80 1.16 0.00	18.96 0.96 0.00	19.41 0.94 0.00	18.37 1.03 0.00	18.56 1.12 0.00	30.82 2.17 0.00	341.05 24.03 -0.12	36.48 2.22 -5.13	71.26 1.65 -47.65	38.50 2.77 0.00	33.98 2.56 0.00	43.41 2.94 -1.06	31.26 2.13 0.00	29.89 2.21 0.00	29.34 2.26 -0.47	51.01 1.60 -29.61	39.54 2.35 -8.24	42.72 2.98 -1.22	48.19 3.54 0.00	33.29 2.42 -0.32	30.28 1.88 -4.13	27.02 1.95 0.00	23.58 1.42 0.00