

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

10/14/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	38.76	36.73	34.91	34.88	35.39	38.41	50.71	66.09	64.08	51.53	50.79	50.55	48.59	48.71	46.74	46.63	52.47	66.29	82.48	75.72	56.60	47.16	41.32	39.34
24138	1.63	1.55	1.37	1.47	1.56	1.65	1.95	3.21	3.34	2.64	2.87	3.09	3.01	3.02	3.02	2.93	3.30	3.93	4.82	4.22	3.20	2.71	2.23	1.98
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	38.91	36.84	35.04	34.98	35.49	38.52	50.75	66.15	64.14	51.63	50.89	50.64	48.69	48.80	46.83	46.72	52.57	66.42	82.63	75.87	56.71	47.24	41.44	39.45
24260	1.78	1.65	1.51	1.57	1.66	1.76	2.00	3.27	3.40	2.74	2.97	3.18	3.10	3.11	3.10	3.02	3.39	4.05	4.97	4.36	3.31	2.80	2.35	2.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	38.91	36.84	35.04	34.98	35.49	38.52	50.75	66.15	64.14	51.63	50.89	50.64	48.69	48.80	46.83	46.72	52.57	66.42	82.63	75.87	56.71	47.24	41.44	39.45
24261	1.78	1.65	1.51	1.57	1.66	1.76	2.00	3.27	3.40	2.74	2.97	3.18	3.10	3.11	3.10	3.02	3.39	4.05	4.97	4.36	3.31	2.80	2.35	2.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	38.20	36.17	34.44	34.35	34.85	37.86	50.71	65.46	63.17	50.51	49.55	48.84	46.68	46.88	44.86	44.84	50.65	64.42	80.38	73.72	55.27	45.82	40.19	38.37
24011	1.08	0.99	0.91	0.94	1.01	1.10	1.95	2.58	2.43	1.61	1.63	1.38	1.09	1.19	1.14	1.14	1.48	2.06	2.72	2.22	1.87	1.38	1.09	1.01
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	38.31	36.24	34.50	34.45	34.91	37.97	50.95	65.78	63.41	50.65	49.69	48.94	46.73	46.92	44.91	44.88	50.80	64.60	80.69	74.01	55.43	45.96	40.27	38.45
23798	1.19	1.05	0.97	1.04	1.08	1.21	2.20	2.89	2.67	1.76	1.77	1.47	1.14	1.23	1.18	1.18	1.62	2.24	3.03	2.50	2.03	1.51	1.17	1.08
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	38.20	36.17	34.44	34.35	34.85	37.86	50.71	65.46	63.17	50.51	49.55	48.84	46.68	46.88	44.86	44.84	50.65	64.42	80.38	73.72	55.27	45.82	40.19	38.37
24028	1.08	0.99	0.91	0.94	1.01	1.10	1.95	2.58	2.43	1.61	1.63	1.38	1.09	1.19	1.14	1.14	1.48	2.06	2.72	2.22	1.87	1.38	1.09	1.01
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	38.24	36.21	34.27	34.18	34.64	37.79	50.22	64.71	62.99	50.80	49.88	49.46	47.54	47.70	45.70	45.71	51.39	64.79	80.45	74.01	55.64	46.40	40.70	38.86
23527	1.11	1.02	0.74	0.77	0.81	1.03	1.46	1.82	2.25	1.90	1.97	1.99	1.96	2.01	1.97	2.01	2.22	2.43	2.79	2.50	2.24	1.95	1.60	1.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	36.76	34.80	33.20	33.11	33.53	36.39	48.32	62.32	60.50	48.65	47.77	47.32	45.49	45.69	43.86	43.79	49.28	62.30	77.51	71.22	53.45	44.49	39.10	37.29
24190	-0.37	-0.39	-0.34	-0.30	-0.30	-0.37	-0.44	-0.57	-0.24	-0.24	-0.14	-0.14	-0.09	0.00	0.13	0.09	0.10	-0.06	-0.16	-0.29	0.05	0.04	0.00	-0.07
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	37.50	35.57	33.90	33.75	34.17	37.16	47.92	61.31	59.98	49.32	47.47	47.06	46.07	46.10	44.12	44.10	49.52	62.80	77.97	71.86	52.47	44.71	39.37	37.55
355683	0.37	0.39	0.37	0.33	0.34	0.40	0.54	0.63	0.61	0.44	0.48	0.52	0.50	0.41	0.39	0.39	0.34	0.44	0.31	0.36	0.43	0.27	0.27	0.19
	0.00	0.00	0.00	0.00	0.00	0.00	1.37	2.20	1.36	0.01	0.92	0.92	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.36	0.00	0.00	0.00
ALBANY_1_SOLAR	36.91	34.94	33.30	33.21	33.60	36.68	48.90	62.95	60.97	48.65	47.66	47.16	0.00	0.00	0.00	43.56	49.08	62.24	77.59	71.29	53.40	44.49	39.76	37.96
323833	-0.22	-0.24	-0.23	-0.20	-0.24	-0.07	0.15	0.06	0.24	-0.24	-0.24	-0.28	-0.18	-0.18	-0.09	-0.13	-0.10	-0.12	-0.08	-0.21	0.00	0.04	0.66	0.60
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.02	0.02	45.40	45.51	43.64	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	36.87	34.90	33.30	33.21	33.60	36.65	48.85	62.95	60.97	48.65	47.66	47.16	0.10	0.14	0.14	43.56	49.03	62.24	77.51	71.22	53.40	44.49	39.76	37.96
323834	-0.26	-0.28	-0.23	-0.20	-0.24	-0.11	0.10	0.06	0.24	-0.24	-0.24	-0.28	-0.23	-0.18	-0.09	-0.13	-0.15	-0.12	-0.16	-0.28	0.00	0.04	0.66	0.60
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.02	0.02	45.26	45.36	43.50	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	36.76	34.80	33.20	33.11	33.53	36.39	48.32	62.32	60.50	48.65	47.77	47.32	45.49	45.69	43.86	43.79	49.28	62.30	77.51	71.22	53.45	44.49	39.10	37.29
23571	-0.37	-0.39	-0.34	-0.30	-0.30	-0.37	-0.44	-0.57	-0.24	-0.24	-0.14	-0.14	-0.09	0.00	0.13	0.09	0.10	-0.06	-0.16	-0.29	0.05	0.04	0.00	-0.07
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	36.76 -0.37 0.00	34.80 -0.39 0.00	33.20 -0.34 0.00	33.11 -0.30 0.00	33.53 -0.30 0.00	36.39 -0.37 0.00	48.32 -0.44 0.00	62.32 -0.57 0.00	60.50 -0.24 0.00	48.65 -0.24 0.00	47.77 -0.14 0.00	47.32 -0.14 0.00	45.49 -0.09 0.00	45.69 0.00 0.00	43.86 0.13 0.00	43.79 0.09 0.00	49.28 0.10 0.00	62.30 -0.06 0.00	77.51 -0.16 0.00	71.22 -0.29 0.00	53.45 0.05 0.00	44.49 0.04 0.00	39.10 0.00 0.00	37.29 -0.07 0.00
ALBANY___3 23573	36.76 -0.37 0.00	34.80 -0.39 0.00	33.20 -0.34 0.00	33.11 -0.30 0.00	33.53 -0.30 0.00	36.39 -0.37 0.00	48.32 -0.44 0.00	62.32 -0.57 0.00	60.50 -0.24 0.00	48.65 -0.24 0.00	47.77 -0.14 0.00	47.32 -0.14 0.00	45.49 -0.09 0.00	45.69 0.00 0.00	43.86 0.13 0.00	43.79 0.09 0.00	49.28 0.10 0.00	62.30 -0.06 0.00	77.51 -0.16 0.00	71.22 -0.29 0.00	53.45 0.05 0.00	44.49 0.04 0.00	39.10 0.00 0.00	37.29 -0.07 0.00
ALBANY___4 23574	36.76 -0.37 0.00	34.80 -0.39 0.00	33.20 -0.34 0.00	33.11 -0.30 0.00	33.53 -0.30 0.00	36.39 -0.37 0.00	48.32 -0.44 0.00	62.32 -0.57 0.00	60.50 -0.24 0.00	48.65 -0.24 0.00	47.77 -0.14 0.00	47.32 -0.14 0.00	45.49 -0.09 0.00	45.69 0.00 0.00	43.86 0.13 0.00	43.79 0.09 0.00	49.28 0.10 0.00	62.30 -0.06 0.00	77.51 -0.16 0.00	71.22 -0.29 0.00	53.45 0.05 0.00	44.49 0.04 0.00	39.10 0.00 0.00	37.29 -0.07 0.00
ALBANY___LFGE 323615	37.16 0.04 0.00	35.15 -0.04 0.00	33.53 0.00 0.00	33.45 0.03 0.00	33.80 -0.03 0.00	36.79 0.04 0.00	48.90 0.15 0.00	63.07 0.19 0.00	61.17 0.43 0.00	49.19 0.30 0.00	48.30 0.38 0.00	47.84 0.38 0.00	45.95 0.36 0.00	46.19 0.50 0.00	44.29 0.57 0.00	44.23 0.53 0.00	49.77 0.59 0.00	62.99 0.62 0.00	78.36 0.70 0.00	71.94 0.43 0.00	53.99 0.59 0.00	44.93 0.49 0.00	39.45 0.35 0.00	37.63 0.26 0.00
ALCOA_PA_115KV_PL-6C 55860	37.68 0.56 0.00	35.75 0.56 0.00	34.07 0.54 0.00	33.91 0.50 0.00	34.30 0.47 0.00	37.49 0.74 0.00	62.91 0.88 -13.28	85.31 1.07 -21.36	74.96 0.97 -13.25	49.77 0.73 -0.15	57.63 0.77 -8.94	57.17 0.76 -8.94	46.46 0.73 -0.15	46.33 0.64 0.00	44.43 0.70 0.00	44.40 0.70 0.00	49.92 0.74 0.00	63.24 0.87 0.00	78.52 0.85 0.00	72.29 0.79 0.00	67.36 0.75 -13.21	44.93 0.49 0.00	39.56 0.47 0.00	37.77 0.41 0.00
ALCOA_RYNLDS___DRP 24188	37.68 0.56 0.00	35.75 0.56 0.00	34.07 0.54 0.00	33.91 0.50 0.00	34.30 0.47 0.00	37.49 0.74 0.00	62.91 0.88 -13.28	85.31 1.07 -21.36	74.96 0.97 -13.25	49.77 0.73 -0.15	57.63 0.77 -8.94	57.17 0.76 -8.94	46.46 0.73 -0.15	46.33 0.64 0.00	44.43 0.70 0.00	44.40 0.70 0.00	49.92 0.74 0.00	63.24 0.87 0.00	78.52 0.85 0.00	72.29 0.79 0.00	67.36 0.75 -13.21	44.93 0.49 0.00	39.56 0.47 0.00	37.77 0.41 0.00
ALCOA___DSASP 323711	37.68 0.56 0.00	35.75 0.56 0.00	34.07 0.53 0.00	33.91 0.50 0.00	34.30 0.47 0.00	37.49 0.73 0.00	62.92 0.88 -13.28	85.31 1.07 -21.36	74.96 0.97 -13.25	49.77 0.73 -0.15	57.63 0.76 -8.94	57.17 0.76 -8.94	46.46 0.73 -0.15	46.33 0.64 0.00	44.43 0.70 0.00	44.40 0.70 0.00	49.92 0.74 0.00	63.23 0.87 0.00	78.52 0.86 0.00	72.29 0.79 0.00	67.45 0.64 -13.41	44.84 0.40 0.00	39.57 0.47 0.00	37.77 0.41 0.00
ALLEGHENY___COGEN 23514	38.80 1.67 0.00	37.01 1.83 0.00	35.31 1.78 0.00	35.08 1.67 0.00	35.49 1.66 0.00	38.52 1.76 0.00	51.34 2.58 0.00	65.84 2.96 0.00	62.38 1.64 0.00	50.12 1.22 0.00	48.21 0.29 0.00	47.56 0.10 0.00	45.45 -0.14 0.00	45.74 0.05 0.00	43.68 -0.04 0.00	43.75 0.04 0.00	49.62 0.44 0.00	64.30 1.94 0.00	81.24 3.57 0.00	75.22 3.72 0.00	55.27 1.87 0.00	45.82 1.38 0.00	40.27 1.17 0.00	38.86 1.50 0.00
ALTAMONT_115KV_TB 2 55880	37.24 0.11 0.00	35.26 0.07 0.00	33.60 0.07 0.00	33.51 0.10 0.00	33.97 0.14 0.00	36.87 0.11 0.00	48.90 0.15 0.00	63.07 0.19 0.00	61.10 0.36 0.00	49.14 0.24 0.00	48.30 0.38 0.00	47.84 0.38 0.00	47.81 0.41 -1.82	47.97 0.46 -1.82	46.00 0.52 -1.75	44.23 0.52 0.00	49.77 0.59 0.00	62.92 0.56 0.00	78.28 0.62 0.00	71.93 0.43 0.00	53.93 0.53 0.00	44.93 0.49 0.00	39.53 0.43 0.00	37.74 0.37 0.00
ALTONA_WT_PWR 323606	38.39 1.26 0.00	36.49 1.30 0.00	34.74 1.21 0.00	34.61 1.20 0.00	35.08 1.25 0.00	38.12 1.36 0.00	49.39 0.44 -0.20	62.83 -0.38 -0.32	60.64 -0.30 -0.20	48.60 -0.29 0.00	47.86 -0.19 -0.14	47.41 -0.19 -0.14	45.91 0.32 0.00	45.92 0.23 0.00	43.73 0.00 0.00	43.70 0.00 0.00	48.64 -0.54 0.00	61.62 -0.75 0.00	76.18 -1.48 0.00	70.22 -1.29 0.00	52.38 -1.23 -0.20	43.51 -0.94 0.00	39.13 0.04 0.00	37.21 -0.15 0.00
AMERICAN_REF_FUEL 24010	36.68 -0.44 0.00	35.19 0.00 0.00	33.77 0.24 0.00	33.58 0.17 0.00	33.90 0.07 0.00	36.28 -0.48 0.00	47.05 -1.71 0.00	59.99 -2.89 0.00	57.15 -3.58 0.00	47.23 -1.66 0.00	45.47 -2.44 0.00	45.04 -2.42 0.00	43.26 -2.32 0.00	43.59 -2.10 0.00	41.54 -2.19 0.00	41.26 -2.45 0.00	46.13 -3.05 0.00	58.81 -3.55 0.00	73.39 -4.27 0.00	67.78 -3.72 0.00	49.87 -3.53 0.00	41.56 -2.89 0.00	37.18 -1.91 0.00	36.54 -0.82 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	37.87 0.74 0.00	36.35 1.16 0.00	34.80 1.27 0.00	34.61 1.20 0.00	34.95 1.11 0.00	37.64 0.88 0.00	49.39 0.63 0.00	64.14 1.26 0.00	60.80 0.06 0.00	50.21 1.32 0.00	47.68 -0.24 0.00	47.27 -0.19 0.00	45.27 -0.32 0.00	45.60 -0.09 0.00	43.47 -0.26 0.00	43.13 -0.57 0.00	48.49 -0.69 0.00	62.18 -0.19 0.00	77.82 0.16 0.00	71.94 0.43 0.00	52.60 -0.80 0.00	43.65 -0.80 0.00	38.78 -0.31 0.00	37.66 0.30 0.00
ARTHUR KILL_GT_1 23520	38.76 1.63 0.00	36.88 1.69 -0.01	35.18 1.64 -0.01	35.12 1.70 -0.01	35.63 1.79 -0.01	38.19 1.43 0.00	49.68 0.93 0.00	64.96 2.08 0.00	62.92 2.19 0.00	50.60 1.71 0.00	49.88 1.96 0.00	49.69 2.23 0.00	47.91 2.32 0.00	48.07 2.38 0.00	46.18 2.45 0.00	46.06 2.36 0.00	51.84 2.66 0.00	65.79 3.43 0.00	81.86 4.19 0.00	75.15 3.65 0.00	55.96 2.56 0.00	46.84 2.40 0.00	41.09 1.99 0.00	39.42 2.05 0.00
ARTHUR_KILL_2 23512	38.65 1.52 0.00	36.78 1.58 -0.01	35.12 1.58 -0.01	35.06 1.64 -0.01	35.50 1.66 -0.01	38.08 1.32 0.00	49.58 0.83 0.00	64.77 1.88 0.00	62.74 2.00 0.00	50.46 1.56 0.00	49.78 1.87 0.00	49.60 2.14 0.00	47.77 2.19 0.00	47.93 2.24 0.00	46.04 2.32 0.00	45.93 2.23 0.00	51.64 2.46 0.00	65.42 3.05 0.00	81.47 3.80 0.00	74.80 3.29 0.00	55.80 2.41 0.00	46.75 2.31 0.00	40.97 1.88 0.00	39.30 1.94 0.00
ARTHUR_KILL_3 23513	38.42 1.30 0.01	36.38 1.20 0.00	34.60 1.07 0.00	34.55 1.14 0.00	34.98 1.15 0.00	38.04 1.29 0.01	50.16 1.41 0.01	65.33 2.45 0.01	63.28 2.55 0.01	50.90 2.01 0.00	50.21 2.30 0.01	49.98 2.51 0.00	48.05 2.46 0.00	48.16 2.47 0.00	46.26 2.54 0.00	46.10 2.40 0.00	51.83 2.65 0.00	65.48 3.12 0.00	81.62 3.96 0.00	75.01 3.50 0.00	55.96 2.56 0.00	46.70 2.27 0.01	40.89 1.80 0.01	38.92 1.57 0.01

ARTHUR_KILL_COGEN 323718	38.76 1.63 0.00	36.88 1.69 -0.01	35.21 1.68 -0.01	35.12 1.70 -0.01	35.60 1.76 -0.01	38.19 1.43 0.00	49.73 0.97 0.00	64.96 2.07 0.00	62.92 2.18 0.00	50.60 1.71 0.00	49.88 1.97 0.00	49.69 2.23 0.00	47.91 2.32 0.00	48.06 2.37 0.00	46.17 2.45 0.00	46.06 2.36 0.00	51.78 2.60 0.00	65.67 3.30 0.00	81.70 4.04 0.00	75.01 3.50 0.00	55.96 2.56 0.00	46.89 2.44 0.00	41.09 1.99 0.00	39.42 2.05 0.00
ASHOKAN____ 23654	38.09 0.96 0.00	36.07 0.88 0.00	34.30 0.77 0.00	34.21 0.80 0.00	34.68 0.85 0.00	37.75 0.99 0.00	50.61 1.85 0.00	65.53 2.64 0.00	64.61 3.89 0.02	49.87 0.98 0.00	48.66 0.76 0.02	48.92 1.47 0.02	0.48 1.96 47.06	0.48 1.96 47.17	0.46 1.97 45.24	45.08 1.40 0.02	50.36 1.18 0.00	64.42 2.05 0.00	80.69 3.03 0.00	73.94 2.43 0.00	55.11 1.71 0.00	46.00 1.55 0.00	40.35 1.25 0.00	38.52 1.16 0.00
ASTORIA_EAST_ENERGY_CC1 323581	38.92 1.78 -0.01	36.71 1.51 -0.01	34.85 1.31 -0.01	34.79 1.37 -0.01	35.23 1.39 -0.01	38.27 1.51 0.00	49.77 1.03 0.01	65.02 2.14 0.01	63.10 2.37 0.01	50.74 1.86 0.01	50.35 2.44 0.01	50.11 2.66 0.01	48.27 2.69 0.01	48.38 2.70 0.01	46.48 2.76 0.01	46.14 2.45 0.01	51.78 2.60 0.01	65.53 3.18 0.01	81.46 3.80 0.01	74.86 3.36 0.01	55.90 2.51 0.01	46.66 2.22 0.01	40.97 1.88 0.00	39.30 1.94 0.00
ASTORIA_EAST_ENERGY_CC2 323582	38.92 1.78 -0.01	36.71 1.51 -0.01	34.81 1.27 -0.01	34.76 1.34 -0.01	35.23 1.39 -0.01	38.23 1.47 0.00	49.77 1.03 0.01	64.95 2.07 0.01	63.10 2.37 0.01	50.74 1.86 0.01	50.35 2.44 0.01	50.11 2.66 0.01	48.27 2.69 0.01	48.38 2.70 0.01	46.48 2.76 0.01	46.14 2.45 0.01	51.78 2.60 0.01	65.47 3.12 0.01	81.38 3.73 0.01	74.79 3.29 0.01	55.85 2.46 0.01	46.66 2.22 0.01	40.97 1.88 0.00	39.27 1.90 0.00
ASTORIA_GT2_1 24094	38.91 1.78 0.00	36.71 1.51 -0.01	34.85 1.31 -0.01	34.79 1.37 -0.01	35.29 1.45 -0.01	38.26 1.51 0.00	49.73 0.98 0.00	65.02 2.14 0.00	63.11 2.37 0.00	50.75 1.86 0.00	50.36 2.44 0.00	50.12 2.66 0.00	48.27 2.69 0.00	48.39 2.70 0.00	46.48 2.75 0.00	46.19 2.49 0.00	51.84 2.66 0.00	65.54 3.18 0.00	81.47 3.81 0.00	74.87 3.36 0.00	55.91 2.51 0.00	46.67 2.22 0.00	41.01 1.92 0.00	39.30 1.94 0.00
ASTORIA_GT2_2 24095	38.91 1.78 0.00	36.71 1.51 -0.01	34.85 1.31 -0.01	34.79 1.37 -0.01	35.29 1.45 -0.01	38.26 1.51 0.00	49.73 0.98 0.00	65.02 2.14 0.00	63.11 2.37 0.00	50.75 1.86 0.00	50.36 2.44 0.00	50.12 2.66 0.00	48.27 2.69 0.00	48.39 2.70 0.00	46.48 2.75 0.00	46.19 2.49 0.00	51.84 2.66 0.00	65.54 3.18 0.00	81.47 3.81 0.00	74.87 3.36 0.00	55.91 2.51 0.00	46.67 2.22 0.00	41.01 1.92 0.00	39.30 1.94 0.00
ASTORIA_GT2_3 24096	38.91 1.78 0.00	36.71 1.51 -0.01	34.85 1.31 -0.01	34.79 1.37 -0.01	35.29 1.45 -0.01	38.26 1.51 0.00	49.73 0.98 0.00	65.02 2.14 0.00	63.11 2.37 0.00	50.75 1.86 0.00	50.36 2.44 0.00	50.12 2.66 0.00	48.27 2.69 0.00	48.39 2.70 0.00	46.48 2.75 0.00	46.19 2.49 0.00	51.84 2.66 0.00	65.54 3.18 0.00	81.47 3.81 0.00	74.87 3.36 0.00	55.91 2.51 0.00	46.67 2.22 0.00	41.01 1.92 0.00	39.30 1.94 0.00
ASTORIA_GT2_4 24097	38.91 1.78 0.00	36.71 1.51 -0.01	34.85 1.31 -0.01	34.79 1.37 -0.01	35.29 1.45 -0.01	38.26 1.51 0.00	49.73 0.98 0.00	65.02 2.14 0.00	63.11 2.37 0.00	50.75 1.86 0.00	50.36 2.44 0.00	50.12 2.66 0.00	48.27 2.69 0.00	48.39 2.70 0.00	46.48 2.75 0.00	46.19 2.49 0.00	51.84 2.66 0.00	65.54 3.18 0.00	81.47 3.81 0.00	74.87 3.36 0.00	55.91 2.51 0.00	46.67 2.22 0.00	41.01 1.92 0.00	39.30 1.94 0.00
ASTORIA_GT3_1 24098	38.91 1.78 0.00	36.71 1.51 -0.01	34.85 1.31 -0.01	34.79 1.37 -0.01	35.29 1.45 -0.01	38.26 1.51 0.00	49.73 0.98 0.00	65.02 2.14 0.00	63.11 2.37 0.00	50.75 1.86 0.00	50.36 2.44 0.00	50.12 2.66 0.00	48.27 2.69 0.00	48.39 2.70 0.00	46.48 2.75 0.00	46.19 2.49 0.00	51.84 2.66 0.00	65.54 3.18 0.00	81.47 3.81 0.00	74.87 3.36 0.00	55.91 2.51 0.00	46.67 2.22 0.00	41.01 1.92 0.00	39.30 1.94 0.00
ASTORIA_GT3_2 24099	38.91 1.78 0.00	36.71 1.51 -0.01	34.85 1.31 -0.01	34.79 1.37 -0.01	35.29 1.45 -0.01	38.26 1.51 0.00	49.73 0.98 0.00	65.02 2.14 0.00	63.11 2.37 0.00	50.75 1.86 0.00	50.36 2.44 0.00	50.12 2.66 0.00	48.27 2.69 0.00	48.39 2.70 0.00	46.48 2.75 0.00	46.19 2.49 0.00	51.84 2.66 0.00	65.54 3.18 0.00	81.47 3.81 0.00	74.87 3.36 0.00	55.91 2.51 0.00	46.67 2.22 0.00	41.01 1.92 0.00	39.30 1.94 0.00
ASTORIA_GT3_3 24100	38.91 1.78 0.00	36.71 1.51 -0.01	34.85 1.31 -0.01	34.79 1.37 -0.01	35.29 1.45 -0.01	38.26 1.51 0.00	49.73 0.98 0.00	65.02 2.14 0.00	63.11 2.37 0.00	50.75 1.86 0.00	50.36 2.44 0.00	50.12 2.66 0.00	48.27 2.69 0.00	48.39 2.70 0.00	46.48 2.75 0.00	46.19 2.49 0.00	51.84 2.66 0.00	65.54 3.18 0.00	81.47 3.81 0.00	74.87 3.36 0.00	55.91 2.51 0.00	46.67 2.22 0.00	41.01 1.92 0.00	39.30 1.94 0.00
ASTORIA_GT3_4 24101	38.91 1.78 0.00	36.71 1.51 -0.01	34.85 1.31 -0.01	34.79 1.37 -0.01	35.29 1.45 -0.01	38.26 1.51 0.00	49.73 0.98 0.00	65.02 2.14 0.00	63.11 2.37 0.00	50.75 1.86 0.00	50.36 2.44 0.00	50.12 2.66 0.00	48.27 2.69 0.00	48.39 2.70 0.00	46.48 2.75 0.00	46.19 2.49 0.00	51.84 2.66 0.00	65.54 3.18 0.00	81.47 3.81 0.00	74.87 3.36 0.00	55.91 2.51 0.00	46.67 2.22 0.00	41.01 1.92 0.00	39.30 1.94 0.00
ASTORIA_GT4_1 24102	38.91 1.78 0.00	36.71 1.51 -0.01	34.85 1.31 -0.01	34.79 1.37 -0.01	35.29 1.45 -0.01	38.26 1.51 0.00	49.73 0.98 0.00	65.02 2.14 0.00	63.11 2.37 0.00	50.75 1.86 0.00	50.36 2.44 0.00	50.12 2.66 0.00	48.27 2.69 0.00	48.39 2.70 0.00	46.48 2.75 0.00	46.19 2.49 0.00	51.84 2.66 0.00	65.54 3.18 0.00	81.47 3.81 0.00	74.87 3.36 0.00	55.91 2.51 0.00	46.67 2.22 0.00	41.01 1.92 0.00	39.30 1.94 0.00
ASTORIA_GT4_2 24103	38.91 1.78 0.00	36.71 1.51 -0.01	34.85 1.31 -0.01	34.79 1.37 -0.01	35.29 1.45 -0.01	38.26 1.51 0.00	49.73 0.98 0.00	65.02 2.14 0.00	63.11 2.37 0.00	50.75 1.86 0.00	50.36 2.44 0.00	50.12 2.66 0.00	48.27 2.69 0.00	48.39 2.70 0.00	46.48 2.75 0.00	46.19 2.49 0.00	51.84 2.66 0.00	65.54 3.18 0.00	81.47 3.81 0.00	74.87 3.36 0.00	55.91 2.51 0.00	46.67 2.22 0.00	41.01 1.92 0.00	39.30 1.94 0.00
ASTORIA_GT4_3 24104	38.91 1.78 0.00	36.71 1.51 -0.01	34.85 1.31 -0.01	34.79 1.37 -0.01	35.29 1.45 -0.01	38.26 1.51 0.00	49.73 0.98 0.00	65.02 2.14 0.00	63.11 2.37 0.00	50.75 1.86 0.00	50.36 2.44 0.00	50.12 2.66 0.00	48.27 2.69 0.00	48.39 2.70 0.00	46.48 2.75 0.00	46.19 2.49 0.00	51.84 2.66 0.00	65.54 3.18 0.00	81.47 3.81 0.00	74.87 3.36 0.00	55.91 2.51 0.00	46.67 2.22 0.00	41.01 1.92 0.00	39.30 1.94 0.00

ASTORIA_GT4_4 24105	38.91 1.78 0.00	36.71 1.51 -0.01	34.85 1.31 -0.01	34.79 1.37 -0.01	35.29 1.45 -0.01	38.26 1.51 0.00	49.73 0.98 0.00	65.02 2.14 0.00	63.11 2.37 0.00	50.75 1.86 0.00	50.36 2.44 0.00	50.12 2.66 0.00	48.27 2.69 0.00	48.39 2.70 0.00	46.48 2.75 0.00	46.19 2.49 0.00	51.84 2.66 0.00	65.54 3.18 0.00	81.47 3.81 0.00	74.87 3.36 0.00	55.91 2.51 0.00	46.67 2.22 0.00	41.01 1.92 0.00	39.30 1.94 0.00
ASTORIA_GT_1 23523	38.98 1.86 0.00	36.78 1.58 -0.01	34.91 1.37 -0.01	34.82 1.40 -0.01	35.36 1.52 -0.01	38.30 1.54 0.00	49.83 1.07 0.00	65.15 2.26 0.00	63.23 2.49 0.00	50.90 2.00 0.00	50.46 2.54 0.00	50.22 2.75 0.00	48.37 2.78 0.00	48.52 2.83 0.00	46.57 2.84 0.00	46.28 2.58 0.00	51.93 2.75 0.00	65.67 3.31 0.00	81.70 4.04 0.00	75.01 3.50 0.00	56.02 2.62 0.00	46.71 2.27 0.00	41.09 1.99 0.00	39.38 2.02 0.00
ASTORIA_GT_10 24110	38.87 1.74 0.00	36.81 1.62 -0.01	35.01 1.48 -0.01	34.96 1.54 -0.01	35.46 1.62 -0.01	38.34 1.58 0.00	50.07 1.32 0.00	65.40 2.52 0.00	63.41 2.67 0.00	51.04 2.15 0.00	50.41 2.49 0.00	50.12 2.66 0.00	48.32 2.74 0.00	48.43 2.74 0.00	46.48 2.75 0.00	46.32 2.62 0.00	52.03 2.85 0.00	65.73 3.37 0.00	81.78 4.12 0.00	75.08 3.58 0.00	56.07 2.67 0.00	46.89 2.44 0.00	41.21 2.11 0.00	39.34 1.98 0.00
ASTORIA_GT_11 24225	38.87 1.74 0.00	36.81 1.62 -0.01	35.01 1.48 -0.01	34.96 1.54 -0.01	35.46 1.62 -0.01	38.34 1.58 0.00	50.07 1.32 0.00	65.40 2.52 0.00	63.41 2.67 0.00	51.04 2.15 0.00	50.41 2.49 0.00	50.12 2.66 0.00	48.32 2.74 0.00	48.43 2.74 0.00	46.48 2.75 0.00	46.32 2.62 0.00	52.03 2.85 0.00	65.73 3.37 0.00	81.78 4.12 0.00	75.08 3.58 0.00	56.07 2.67 0.00	46.89 2.44 0.00	41.21 2.11 0.00	39.34 1.98 0.00
ASTORIA_GT_12 24226	38.87 1.74 0.00	36.81 1.62 -0.01	35.01 1.48 -0.01	34.96 1.54 -0.01	35.46 1.62 -0.01	38.34 1.58 0.00	50.07 1.32 0.00	65.40 2.52 0.00	63.41 2.67 0.00	51.04 2.15 0.00	50.41 2.49 0.00	50.12 2.66 0.00	48.32 2.74 0.00	48.43 2.74 0.00	46.48 2.75 0.00	46.32 2.62 0.00	52.03 2.85 0.00	65.73 3.37 0.00	81.78 4.12 0.00	75.08 3.58 0.00	56.07 2.67 0.00	46.89 2.44 0.00	41.21 2.11 0.00	39.34 1.98 0.00
ASTORIA_GT_13 24227	38.87 1.74 0.00	36.81 1.62 -0.01	35.01 1.48 -0.01	34.96 1.54 -0.01	35.46 1.62 -0.01	38.34 1.58 0.00	50.07 1.32 0.00	65.40 2.52 0.00	63.41 2.67 0.00	51.04 2.15 0.00	50.41 2.49 0.00	50.12 2.66 0.00	48.32 2.74 0.00	48.43 2.74 0.00	46.48 2.75 0.00	46.32 2.62 0.00	52.03 2.85 0.00	65.73 3.37 0.00	81.78 4.12 0.00	75.08 3.58 0.00	56.07 2.67 0.00	46.89 2.44 0.00	41.21 2.11 0.00	39.34 1.98 0.00
ASTORIA_GT_5 24106	38.98 1.86 0.00	36.78 1.58 -0.01	34.91 1.37 -0.01	34.82 1.40 -0.01	35.36 1.52 -0.01	38.30 1.54 0.00	49.83 1.07 0.00	65.15 2.26 0.00	63.23 2.49 0.00	50.90 2.00 0.00	50.46 2.54 0.00	50.22 2.75 0.00	48.37 2.78 0.00	48.52 2.83 0.00	46.57 2.84 0.00	46.28 2.58 0.00	51.93 2.75 0.00	65.67 3.31 0.00	81.70 4.04 0.00	75.01 3.50 0.00	56.02 2.62 0.00	46.71 2.27 0.00	41.09 1.99 0.00	39.38 2.02 0.00
ASTORIA_GT_7 24107	38.98 1.86 0.00	36.78 1.58 -0.01	34.91 1.37 -0.01	34.82 1.40 -0.01	35.36 1.52 -0.01	38.30 1.54 0.00	49.83 1.07 0.00	65.15 2.26 0.00	63.23 2.49 0.00	50.90 2.00 0.00	50.46 2.54 0.00	50.22 2.75 0.00	48.37 2.78 0.00	48.52 2.83 0.00	46.57 2.84 0.00	46.28 2.58 0.00	51.93 2.75 0.00	65.67 3.31 0.00	81.70 4.04 0.00	75.01 3.50 0.00	56.02 2.62 0.00	46.71 2.27 0.00	41.09 1.99 0.00	39.38 2.02 0.00
ASTORIA_GT_8 24108	38.98 1.86 0.00	36.78 1.58 -0.01	34.91 1.37 -0.01	34.82 1.40 -0.01	35.36 1.52 -0.01	38.30 1.54 0.00	49.83 1.07 0.00	65.15 2.26 0.00	63.23 2.49 0.00	50.90 2.00 0.00	50.46 2.54 0.00	50.22 2.75 0.00	48.37 2.78 0.00	48.52 2.83 0.00	46.57 2.84 0.00	46.28 2.58 0.00	51.93 2.75 0.00	65.67 3.31 0.00	81.70 4.04 0.00	75.01 3.50 0.00	56.02 2.62 0.00	46.71 2.27 0.00	41.09 1.99 0.00	39.38 2.02 0.00
ASTORIA___2 24149	38.92 1.78 -0.01	36.71 1.51 -0.01	34.85 1.31 -0.01	34.79 1.37 -0.01	35.23 1.39 -0.01	38.27 1.51 0.00	49.77 1.03 0.01	65.02 2.14 0.01	63.10 2.37 0.01	50.74 1.86 0.01	50.35 2.44 0.01	50.11 2.66 0.01	48.27 2.69 0.01	48.38 2.70 0.01	46.48 2.76 0.01	46.14 2.45 0.01	51.78 2.60 0.01	65.53 3.18 0.01	81.46 3.80 0.01	74.86 3.36 0.01	55.90 2.51 0.01	46.66 2.22 0.01	40.97 1.88 0.00	39.30 1.94 0.00
ASTORIA___3 23516	38.87 1.75 0.00	36.81 1.62 -0.01	35.01 1.47 -0.01	34.96 1.54 -0.01	35.40 1.56 -0.01	38.34 1.58 0.00	50.12 1.36 0.00	65.40 2.52 0.00	63.41 2.67 0.00	50.99 2.10 0.00	50.41 2.49 0.00	50.12 2.66 0.00	48.32 2.73 0.00	48.43 2.74 0.00	46.48 2.76 0.00	46.32 2.62 0.00	51.98 2.80 0.00	65.73 3.37 0.00	81.70 4.04 0.00	75.08 3.57 0.00	56.07 2.67 0.00	46.93 2.49 0.00	41.17 2.07 0.00	39.34 1.98 0.00
ASTORIA___4 23517	38.87 1.74 0.00	36.81 1.62 -0.01	35.01 1.48 -0.01	34.96 1.54 -0.01	35.46 1.62 -0.01	38.34 1.58 0.00	50.07 1.32 0.00	65.40 2.52 0.00	63.41 2.67 0.00	51.04 2.15 0.00	50.41 2.49 0.00	50.12 2.66 0.00	48.32 2.74 0.00	48.43 2.74 0.00	46.48 2.75 0.00	46.32 2.62 0.00	52.03 2.85 0.00	65.73 3.37 0.00	81.78 4.12 0.00	75.08 3.58 0.00	56.07 2.67 0.00	46.89 2.44 0.00	41.21 2.11 0.00	39.34 1.98 0.00
ASTORIA___5 23518	38.87 1.75 0.00	36.81 1.62 -0.01	35.01 1.47 -0.01	34.96 1.54 -0.01	35.40 1.56 -0.01	38.34 1.58 0.00	50.12 1.36 0.00	65.40 2.52 0.00	63.41 2.67 0.00	50.99 2.10 0.00	50.41 2.49 0.00	50.12 2.66 0.00	48.32 2.73 0.00	48.43 2.74 0.00	46.48 2.76 0.00	46.32 2.62 0.00	51.98 2.80 0.00	65.73 3.37 0.00	81.70 4.04 0.00	75.08 3.57 0.00	56.07 2.67 0.00	46.93 2.49 0.00	41.17 2.07 0.00	39.34 1.98 0.00
AST_ENERGY_2_CC3 323677	22.43 1.41 16.11	22.43 1.16 13.92	22.43 0.94 12.04	22.43 1.00 11.98	22.43 1.05 12.45	22.43 1.10 15.43	25.37 0.54 23.92	39.50 1.51 24.89	37.73 1.76 24.77	26.88 1.37 23.38	29.90 1.97 19.98	29.67 2.14 19.94	28.07 2.23 19.75	28.18 2.24 19.75	26.23 2.27 19.77	25.94 2.01 19.77	28.32 2.11 22.97	49.86 2.50 15.00	66.79 3.03 13.90	60.15 2.57 13.92	34.12 1.98 21.26	36.35 1.78 9.88	25.94 1.49 14.64	25.94 1.57 12.99
AST_ENERGY_2_CC4 323678	22.43 1.41 16.11	22.43 1.16 13.92	22.43 0.94 12.04	22.43 1.00 11.98	22.43 1.05 12.45	22.43 1.10 15.43	25.37 0.54 23.92	39.50 1.51 24.89	37.73 1.76 24.77	26.88 1.37 23.38	29.90 1.97 19.98	29.67 2.14 19.94	28.07 2.23 19.75	28.18 2.24 19.75	26.23 2.27 19.77	25.94 2.01 19.77	28.32 2.11 22.97	49.86 2.50 15.00	66.79 3.03 13.90	60.15 2.57 13.92	34.12 1.98 21.26	36.35 1.78 9.88	25.94 1.49 14.64	25.94 1.57 12.99

ATHENS_STG_1 23668	37.68 0.56 0.00	35.68 0.49 0.00	34.00 0.47 0.00	33.91 0.50 0.00	34.34 0.51 0.00	37.31 0.55 0.00	49.44 0.68 0.00	63.89 1.00 0.00	61.89 1.15 0.00	49.82 0.93 0.00	48.97 1.05 0.00	48.60 1.14 0.00	46.68 1.09 0.00	46.83 1.14 0.00	44.86 1.14 0.00	44.84 1.13 0.00	50.46 1.28 0.00	63.73 1.37 0.00	79.30 1.63 0.00	72.93 1.43 0.00	54.63 1.23 0.00	45.60 1.15 0.00	39.99 0.90 0.00	38.15 0.79 0.00
ATHENS_STG_2 23670	37.68 0.56 0.00	35.68 0.49 0.00	34.00 0.47 0.00	33.91 0.50 0.00	34.34 0.51 0.00	37.31 0.55 0.00	49.44 0.68 0.00	63.89 1.00 0.00	61.89 1.15 0.00	49.82 0.93 0.00	48.97 1.05 0.00	48.60 1.14 0.00	46.68 1.09 0.00	46.83 1.14 0.00	44.86 1.14 0.00	44.84 1.13 0.00	50.46 1.28 0.00	63.73 1.37 0.00	79.30 1.63 0.00	72.93 1.43 0.00	54.63 1.23 0.00	45.60 1.15 0.00	39.99 0.90 0.00	38.15 0.79 0.00
ATHENS_STG_3 23677	37.68 0.56 0.00	35.68 0.49 0.00	34.00 0.47 0.00	33.91 0.50 0.00	34.34 0.51 0.00	37.31 0.55 0.00	49.44 0.68 0.00	63.89 1.00 0.00	61.89 1.15 0.00	49.82 0.93 0.00	48.97 1.05 0.00	48.60 1.14 0.00	46.68 1.09 0.00	46.83 1.14 0.00	44.86 1.14 0.00	44.84 1.13 0.00	50.46 1.28 0.00	63.73 1.37 0.00	79.30 1.63 0.00	72.93 1.43 0.00	54.63 1.23 0.00	45.60 1.15 0.00	39.99 0.90 0.00	38.15 0.79 0.00
AUBURN___LFGE 323710	37.20 0.07 0.00	35.26 0.07 0.00	33.60 0.07 0.00	33.48 0.07 0.00	33.83 0.00 0.00	36.87 0.11 0.00	49.15 0.39 0.00	63.45 0.57 0.00	60.98 0.24 0.00	49.04 0.15 0.00	47.82 -0.10 0.00	47.32 -0.14 0.00	45.40 -0.18 0.00	45.55 -0.14 0.00	43.47 -0.26 0.00	43.44 -0.26 0.00	49.03 -0.15 0.00	62.61 0.25 0.00	78.44 0.78 0.00	72.36 0.86 0.00	53.67 0.27 0.00	44.53 0.09 0.00	39.13 0.04 0.00	37.51 0.15 0.00
BABYLON_RES_REC 323704	38.28 1.15 0.00	36.00 0.81 0.00	34.50 0.97 0.00	34.61 1.20 0.00	35.08 1.25 0.00	38.70 1.95 0.00	49.34 0.59 0.00	63.51 0.63 0.00	61.53 0.79 0.00	49.77 0.88 0.00	49.98 2.06 0.00	49.41 1.95 0.00	47.36 1.78 0.00	47.15 1.46 0.00	45.39 1.66 0.00	45.45 1.75 0.00	50.54 1.38 0.02	62.19 0.87 1.04	71.28 1.01 7.38	72.42 0.93 0.01	54.57 1.17 0.00	45.73 1.29 0.00	40.11 1.01 0.00	38.59 1.23 0.00
BALL_HILL_WT_PWR 323825	37.54 0.41 0.00	36.00 0.81 0.00	34.47 0.94 0.00	34.28 0.87 0.00	34.61 0.78 0.00	37.20 0.44 0.00	48.66 -0.10 0.00	62.45 -0.44 0.00	59.40 -1.34 0.00	48.94 0.05 0.00	46.91 -1.01 0.00	46.56 -0.90 0.00	44.63 -0.96 0.00	44.96 -0.73 0.00	42.90 -0.83 0.00	42.57 -1.14 0.00	47.80 -1.38 0.00	61.18 -1.19 0.00	76.50 -1.16 0.00	70.72 -0.78 0.00	51.85 -1.55 0.00	43.07 -1.38 0.00	38.35 -0.74 0.00	37.40 0.04 0.00
BARON_WINDS___WT_PWR 323822	37.50 0.37 0.00	35.82 0.63 0.00	34.20 0.67 0.00	34.05 0.63 0.00	34.44 0.61 0.00	37.16 0.41 0.00	49.05 0.29 0.00	62.95 0.06 0.00	59.95 -0.79 0.00	48.60 -0.29 0.00	47.00 -0.91 0.00	46.56 -0.90 0.00	44.67 -0.91 0.00	44.91 -0.78 0.00	42.90 -0.83 0.00	42.65 -1.05 0.00	48.10 -1.08 0.00	61.80 -0.56 0.00	77.66 0.00 0.00	71.72 0.22 0.00	52.76 -0.64 0.00	43.69 -0.76 0.00	38.59 -0.51 0.00	37.32 -0.04 0.00
BARRETT_IC_1 23704	38.13 1.00 0.00	35.93 0.74 0.00	34.44 0.91 0.00	34.58 1.17 0.00	34.98 1.15 0.00	38.49 1.73 0.00	49.73 0.97 0.00	64.46 1.57 0.00	62.44 1.70 0.00	50.26 1.37 0.00	50.31 2.39 0.00	49.79 2.33 0.00	47.77 2.19 0.00	47.61 1.92 0.00	45.83 2.10 0.00	45.80 2.10 0.00	51.20 2.02 0.00	64.37 2.05 0.04	79.80 2.41 0.27	73.28 1.79 0.02	55.38 1.98 0.00	46.13 1.69 0.00	40.35 1.25 0.00	38.45 1.08 0.00
BARRETT_IC_10 23701	38.13 1.00 0.00	35.93 0.74 0.00	34.44 0.91 0.00	34.58 1.17 0.00	34.98 1.15 0.00	38.49 1.73 0.00	49.73 0.97 0.00	64.46 1.57 0.00	62.44 1.70 0.00	50.26 1.37 0.00	50.31 2.39 0.00	49.79 2.33 0.00	47.77 2.19 0.00	47.61 1.92 0.00	45.83 2.10 0.00	45.80 2.10 0.00	51.20 2.02 0.00	64.37 2.05 0.04	79.80 2.41 0.27	73.28 1.79 0.02	55.38 1.98 0.00	46.13 1.69 0.00	40.35 1.25 0.00	38.45 1.08 0.00
BARRETT_IC_11 23702	38.13 1.00 0.00	35.93 0.74 0.00	34.44 0.91 0.00	34.58 1.17 0.00	34.98 1.15 0.00	38.49 1.73 0.00	49.73 0.97 0.00	64.46 1.57 0.00	62.44 1.70 0.00	50.26 1.37 0.00	50.31 2.39 0.00	49.79 2.33 0.00	47.77 2.19 0.00	47.61 1.92 0.00	45.83 2.10 0.00	45.80 2.10 0.00	51.20 2.02 0.00	64.37 2.05 0.04	79.80 2.41 0.27	73.28 1.79 0.02	55.38 1.98 0.00	46.13 1.69 0.00	40.35 1.25 0.00	38.45 1.08 0.00
BARRETT_IC_12 23703	38.13 1.00 0.00	35.93 0.74 0.00	34.44 0.91 0.00	34.58 1.17 0.00	34.98 1.15 0.00	38.49 1.73 0.00	49.73 0.97 0.00	64.46 1.57 0.00	62.44 1.70 0.00	50.26 1.37 0.00	50.31 2.39 0.00	49.79 2.33 0.00	47.77 2.19 0.00	47.61 1.92 0.00	45.83 2.10 0.00	45.80 2.10 0.00	51.20 2.02 0.00	64.37 2.05 0.04	79.80 2.41 0.27	73.28 1.79 0.02	55.38 1.98 0.00	46.13 1.69 0.00	40.35 1.25 0.00	38.45 1.08 0.00
BARRETT_IC_2 23705	38.13 1.00 0.00	35.93 0.74 0.00	34.44 0.91 0.00	34.58 1.17 0.00	34.98 1.15 0.00	38.49 1.73 0.00	49.73 0.97 0.00	64.46 1.57 0.00	62.44 1.70 0.00	50.26 1.37 0.00	50.31 2.39 0.00	49.79 2.33 0.00	47.77 2.19 0.00	47.61 1.92 0.00	45.83 2.10 0.00	45.80 2.10 0.00	51.20 2.02 0.00	64.37 2.05 0.04	79.80 2.41 0.27	73.28 1.79 0.02	55.38 1.98 0.00	46.13 1.69 0.00	40.35 1.25 0.00	38.45 1.08 0.00
BARRETT_IC_3 23706	38.13 1.00 0.00	35.93 0.74 0.00	34.44 0.91 0.00	34.58 1.17 0.00	34.98 1.15 0.00	38.49 1.73 0.00	49.73 0.97 0.00	64.46 1.57 0.00	62.44 1.70 0.00	50.26 1.37 0.00	50.31 2.39 0.00	49.79 2.33 0.00	47.77 2.19 0.00	47.61 1.92 0.00	45.83 2.10 0.00	45.80 2.10 0.00	51.20 2.02 0.00	64.37 2.05 0.04	79.80 2.41 0.27	73.28 1.79 0.02	55.38 1.98 0.00	46.13 1.69 0.00	40.35 1.25 0.00	38.45 1.08 0.00
BARRETT_IC_4 23707	38.13 1.00 0.00	35.93 0.74 0.00	34.44 0.91 0.00	34.58 1.17 0.00	34.98 1.15 0.00	38.49 1.73 0.00	49.73 0.97 0.00	64.46 1.57 0.00	62.44 1.70 0.00	50.26 1.37 0.00	50.31 2.39 0.00	49.79 2.33 0.00	47.77 2.19 0.00	47.61 1.92 0.00	45.83 2.10 0.00	45.80 2.10 0.00	51.20 2.02 0.00	64.37 2.05 0.04	79.80 2.41 0.27	73.28 1.79 0.02	55.38 1.98 0.00	46.13 1.69 0.00	40.35 1.25 0.00	38.45 1.08 0.00
BARRETT_IC_5 23708	38.13 1.00 0.00	35.93 0.74 0.00	34.44 0.91 0.00	34.58 1.17 0.00	34.98 1.15 0.00	38.49 1.73 0.00	49.73 0.97 0.00	64.46 1.57 0.00	62.44 1.70 0.00	50.26 1.37 0.00	50.31 2.39 0.00	49.79 2.33 0.00	47.77 2.19 0.00	47.61 1.92 0.00	45.83 2.10 0.00	45.80 2.10 0.00	51.20 2.02 0.00	64.37 2.05 0.04	79.80 2.41 0.27	73.28 1.79 0.02	55.38 1.98 0.00	46.13 1.69 0.00	40.35 1.25 0.00	38.45 1.08 0.00

BARRETT_IC_6 23709	38.13 1.00 0.00	35.93 0.74 0.00	34.44 0.91 0.00	34.58 1.17 0.00	34.98 1.15 0.00	38.49 1.73 0.00	49.73 0.97 0.00	64.46 1.57 0.00	62.44 1.70 0.00	50.26 1.37 0.00	50.31 2.39 0.00	49.79 2.33 0.00	47.77 2.19 0.00	47.61 1.92 0.00	45.83 2.10 0.00	45.80 2.10 0.00	51.20 2.02 0.00	64.37 2.05 0.04	79.80 2.41 0.27	73.28 1.79 0.02	55.38 1.98 0.00	46.13 1.69 0.00	40.35 1.25 0.00	38.45 1.08 0.00
BARRETT_IC_7 23710	38.13 1.00 0.00	35.92 0.74 0.00	34.44 0.91 0.00	34.58 1.17 0.00	35.18 1.35 0.00	38.52 1.76 0.00	49.68 0.93 0.00	64.46 1.57 0.00	62.44 1.70 0.00	50.31 1.42 0.00	50.31 2.40 0.00	49.79 2.33 0.00	47.77 2.19 0.00	47.61 1.92 0.00	45.83 2.10 0.00	45.80 2.10 0.00	51.25 2.07 0.00	64.38 2.06 0.04	79.72 2.33 0.27	73.21 1.72 0.01	55.38 1.98 0.00	46.09 1.64 0.00	40.46 1.37 0.00	38.52 1.16 0.00
BARRETT_IC_8 23711	38.13 1.00 0.00	35.93 0.74 0.00	34.44 0.91 0.00	34.58 1.17 0.00	34.98 1.15 0.00	38.49 1.73 0.00	49.73 0.97 0.00	64.46 1.57 0.00	62.44 1.70 0.00	50.26 1.37 0.00	50.31 2.39 0.00	49.79 2.33 0.00	47.77 2.19 0.00	47.61 1.92 0.00	45.83 2.10 0.00	45.80 2.10 0.00	51.20 2.02 0.00	64.37 2.05 0.04	79.80 2.41 0.27	73.28 1.79 0.02	55.38 1.98 0.00	46.13 1.69 0.00	40.35 1.25 0.00	38.45 1.08 0.00
BARRETT_IC_9 23700	38.13 1.00 0.00	35.93 0.74 0.00	34.44 0.91 0.00	34.58 1.17 0.00	34.98 1.15 0.00	38.49 1.73 0.00	49.73 0.97 0.00	64.46 1.57 0.00	62.44 1.70 0.00	50.26 1.37 0.00	50.31 2.39 0.00	49.79 2.33 0.00	47.77 2.19 0.00	47.61 1.92 0.00	45.83 2.10 0.00	45.80 2.10 0.00	51.20 2.02 0.00	64.37 2.05 0.04	79.80 2.41 0.27	73.28 1.79 0.02	55.38 1.98 0.00	46.13 1.69 0.00	40.35 1.25 0.00	38.45 1.08 0.00
BARRETT___1 23545	38.13 1.00 0.00	35.93 0.74 0.00	34.44 0.91 0.00	34.58 1.17 0.00	34.98 1.15 0.00	38.49 1.73 0.00	49.73 0.97 0.00	64.46 1.57 0.00	62.44 1.70 0.00	50.26 1.37 0.00	50.31 2.39 0.00	49.79 2.33 0.00	47.77 2.19 0.00	47.61 1.92 0.00	45.83 2.10 0.00	45.80 2.10 0.00	51.20 2.02 0.00	64.37 2.05 0.04	79.80 2.41 0.27	73.28 1.79 0.02	55.38 1.98 0.00	46.13 1.69 0.00	40.35 1.25 0.00	38.45 1.08 0.00
BARRETT___2 23546	38.13 1.00 0.00	35.93 0.74 0.00	34.44 0.91 0.00	34.58 1.17 0.00	34.98 1.15 0.00	38.49 1.73 0.00	49.73 0.97 0.00	64.46 1.57 0.00	62.44 1.70 0.00	50.26 1.37 0.00	50.31 2.39 0.00	49.79 2.33 0.00	47.77 2.19 0.00	47.61 1.92 0.00	45.83 2.10 0.00	45.80 2.10 0.00	51.20 2.02 0.00	64.37 2.05 0.04	79.80 2.41 0.27	73.28 1.79 0.02	55.38 1.98 0.00	46.13 1.69 0.00	40.35 1.25 0.00	38.45 1.08 0.00
BATAVIA__115KV_TB1 55881	37.76 0.63 0.00	36.14 0.95 0.00	34.57 1.04 0.00	34.38 0.97 0.00	34.47 0.64 0.00	37.38 0.62 0.00	49.19 0.44 0.00	62.82 -0.06 0.00	60.37 -0.36 0.00	49.43 0.54 0.00	47.53 -0.38 0.00	47.13 -0.33 0.00	44.76 -0.82 0.00	45.10 -0.59 0.00	42.98 -0.74 0.00	42.83 -0.87 0.00	48.05 -1.13 0.00	61.61 -0.75 0.00	77.12 -0.54 0.00	71.36 -0.14 0.00	52.01 -1.39 0.00	43.47 -0.98 0.00	38.63 -0.47 0.00	37.77 0.41 0.00
BAYONEEC___CTG1 323682	38.61 1.49 0.00	36.56 1.37 0.00	34.77 1.24 0.00	34.71 1.30 0.00	35.15 1.32 0.00	38.23 1.47 0.00	50.41 1.66 0.00	65.65 2.76 0.00	63.59 2.86 0.00	51.19 2.30 0.00	50.45 2.54 0.00	50.22 2.75 0.00	48.27 2.69 0.00	48.38 2.70 0.00	46.48 2.76 0.00	46.32 2.62 0.00	52.08 2.90 0.00	65.79 3.43 0.00	81.93 4.27 0.00	75.29 3.79 0.00	56.23 2.83 0.00	46.93 2.49 0.00	41.13 2.03 0.00	39.16 1.79 0.00
BAYONEEC___CTG10 323750	38.61 1.49 0.00	36.56 1.37 0.00	34.77 1.24 0.00	34.71 1.30 0.00	35.15 1.32 0.00	38.23 1.47 0.00	50.41 1.66 0.00	65.65 2.76 0.00	63.59 2.86 0.00	51.19 2.30 0.00	50.45 2.54 0.00	50.22 2.75 0.00	48.27 2.69 0.00	48.38 2.70 0.00	46.48 2.76 0.00	46.32 2.62 0.00	52.08 2.90 0.00	65.79 3.43 0.00	81.93 4.27 0.00	75.29 3.79 0.00	56.23 2.83 0.00	46.93 2.49 0.00	41.13 2.03 0.00	39.16 1.79 0.00
BAYONEEC___CTG2 323683	38.61 1.49 0.00	36.56 1.37 0.00	34.77 1.24 0.00	34.71 1.30 0.00	35.15 1.32 0.00	38.23 1.47 0.00	50.41 1.66 0.00	65.65 2.76 0.00	63.59 2.86 0.00	51.19 2.30 0.00	50.45 2.54 0.00	50.22 2.75 0.00	48.27 2.69 0.00	48.38 2.70 0.00	46.48 2.76 0.00	46.32 2.62 0.00	52.08 2.90 0.00	65.79 3.43 0.00	81.93 4.27 0.00	75.29 3.79 0.00	56.23 2.83 0.00	46.93 2.49 0.00	41.13 2.03 0.00	39.16 1.79 0.00
BAYONEEC___CTG3 323684	38.61 1.49 0.00	36.56 1.37 0.00	34.77 1.24 0.00	34.71 1.30 0.00	35.15 1.32 0.00	38.23 1.47 0.00	50.41 1.66 0.00	65.65 2.76 0.00	63.59 2.86 0.00	51.19 2.30 0.00	50.45 2.54 0.00	50.22 2.75 0.00	48.27 2.69 0.00	48.38 2.70 0.00	46.48 2.76 0.00	46.32 2.62 0.00	52.08 2.90 0.00	65.79 3.43 0.00	81.93 4.27 0.00	75.29 3.79 0.00	56.23 2.83 0.00	46.93 2.49 0.00	41.13 2.03 0.00	39.16 1.79 0.00
BAYONEEC___CTG4 323685	38.61 1.49 0.00	36.56 1.37 0.00	34.77 1.24 0.00	34.71 1.30 0.00	35.15 1.32 0.00	38.23 1.47 0.00	50.41 1.66 0.00	65.65 2.76 0.00	63.59 2.86 0.00	51.19 2.30 0.00	50.45 2.54 0.00	50.22 2.75 0.00	48.27 2.69 0.00	48.38 2.70 0.00	46.48 2.76 0.00	46.32 2.62 0.00	52.08 2.90 0.00	65.79 3.43 0.00	81.93 4.27 0.00	75.29 3.79 0.00	56.23 2.83 0.00	46.93 2.49 0.00	41.13 2.03 0.00	39.16 1.79 0.00
BAYONEEC___CTG5 323686	38.61 1.49 0.00	36.56 1.37 0.00	34.77 1.24 0.00	34.71 1.30 0.00	35.15 1.32 0.00	38.23 1.47 0.00	50.41 1.66 0.00	65.65 2.76 0.00	63.59 2.86 0.00	51.19 2.30 0.00	50.45 2.54 0.00	50.22 2.75 0.00	48.27 2.69 0.00	48.38 2.70 0.00	46.48 2.76 0.00	46.32 2.62 0.00	52.08 2.90 0.00	65.79 3.43 0.00	81.93 4.27 0.00	75.29 3.79 0.00	56.23 2.83 0.00	46.93 2.49 0.00	41.13 2.03 0.00	39.16 1.79 0.00
BAYONEEC___CTG6 323687	38.61 1.49 0.00	36.56 1.37 0.00	34.77 1.24 0.00	34.71 1.30 0.00	35.15 1.32 0.00	38.23 1.47 0.00	50.41 1.66 0.00	65.65 2.76 0.00	63.59 2.86 0.00	51.19 2.30 0.00	50.45 2.54 0.00	50.22 2.75 0.00	48.27 2.69 0.00	48.38 2.70 0.00	46.48 2.76 0.00	46.32 2.62 0.00	52.08 2.90 0.00	65.79 3.43 0.00	81.93 4.27 0.00	75.29 3.79 0.00	56.23 2.83 0.00	46.93 2.49 0.00	41.13 2.03 0.00	39.16 1.79 0.00
BAYONEEC___CTG7 323688	38.61 1.49 0.00	36.56 1.37 0.00	34.77 1.24 0.00	34.71 1.30 0.00	35.15 1.32 0.00	38.23 1.47 0.00	50.41 1.66 0.00	65.65 2.76 0.00	63.59 2.86 0.00	51.19 2.30 0.00	50.45 2.54 0.00	50.22 2.75 0.00	48.27 2.69 0.00	48.38 2.70 0.00	46.48 2.76 0.00	46.32 2.62 0.00	52.08 2.90 0.00	65.79 3.43 0.00	81.93 4.27 0.00	75.29 3.79 0.00	56.23 2.83 0.00	46.93 2.49 0.00	41.13 2.03 0.00	39.16 1.79 0.00

BAYONEEC___CTG8 323689	38.61 1.49 0.00	36.56 1.37 0.00	34.77 1.24 0.00	34.71 1.30 0.00	35.15 1.32 0.00	38.23 1.47 0.00	50.41 1.66 0.00	65.65 2.76 0.00	63.59 2.86 0.00	51.19 2.30 0.00	50.45 2.54 0.00	50.22 2.75 0.00	48.27 2.69 0.00	48.38 2.70 0.00	46.48 2.76 0.00	46.32 2.62 0.00	52.08 2.90 0.00	65.79 3.43 0.00	81.93 4.27 0.00	75.29 3.79 0.00	56.23 2.83 0.00	46.93 2.49 0.00	41.13 2.03 0.00	39.16 1.79 0.00
BAYONEEC___CTG9 323749	38.61 1.49 0.00	36.56 1.37 0.00	34.77 1.24 0.00	34.71 1.30 0.00	35.15 1.32 0.00	38.23 1.47 0.00	50.41 1.66 0.00	65.65 2.76 0.00	63.59 2.86 0.00	51.19 2.30 0.00	50.45 2.54 0.00	50.22 2.75 0.00	48.27 2.69 0.00	48.38 2.70 0.00	46.48 2.76 0.00	46.32 2.62 0.00	52.08 2.90 0.00	65.79 3.43 0.00	81.93 4.27 0.00	75.29 3.79 0.00	56.23 2.83 0.00	46.93 2.49 0.00	41.13 2.03 0.00	39.16 1.79 0.00
BEACON___LESR 323632	37.28 0.15 0.00	35.26 0.07 0.00	33.63 0.10 0.00	33.55 0.13 0.00	33.90 0.07 0.00	36.91 0.15 0.00	49.10 0.34 0.00	63.33 0.44 0.00	61.41 0.67 0.00	49.33 0.44 0.00	48.49 0.58 0.00	47.99 0.52 0.00	46.09 0.50 0.00	46.28 0.59 0.00	44.38 0.66 0.00	44.31 0.61 0.00	49.96 0.78 0.00	63.23 0.87 0.00	78.75 1.09 0.00	72.29 0.79 0.00	54.20 0.80 0.00	45.11 0.67 0.00	39.60 0.51 0.00	37.77 0.41 0.00
BEAVER RIVER___HYD 24048	37.98 0.85 0.00	36.03 0.84 0.00	34.33 0.80 0.00	34.08 0.67 0.00	34.61 0.78 0.00	37.75 0.99 0.00	53.50 1.85 -2.89	70.18 2.64 -4.65	65.99 2.37 -2.89	50.15 1.22 -0.03	50.77 0.91 -1.95	50.08 0.66 -1.95	46.34 0.73 -0.03	46.28 0.59 0.00	44.12 0.39 0.00	44.27 0.57 0.00	49.92 0.74 0.00	63.61 1.25 0.00	79.92 2.25 0.00	74.01 2.50 0.00	58.03 1.71 -2.92	45.56 1.11 0.00	39.84 0.74 0.00	38.07 0.71 0.00
BEEBEE_GT_13 23619	37.28 0.15 0.00	35.50 0.32 0.00	33.90 0.37 0.00	33.71 0.30 0.00	33.93 0.10 0.00	36.90 0.15 0.00	48.80 0.05 0.00	62.63 2.77 -0.25	60.13 2.92 -0.61	48.94 2.30 0.05	47.44 2.59 -0.48	47.04 2.85 -0.43	45.04 2.87 -0.55	45.23 2.92 -0.46	43.16 2.93 -0.57	43.13 2.84 -0.57	48.49 3.15 -0.69	61.86 3.93 -0.50	77.27 4.82 -0.39	71.29 4.22 -0.21	52.55 3.04 -0.85	43.82 2.71 -0.62	38.70 2.31 -0.39	37.47 2.20 0.11
BENSHRST_27_KV_BENSHRST_1 355998	39.02 1.89 0.00	36.99 1.79 -0.01	35.22 1.68 -0.01	35.16 1.74 -0.01	35.67 1.83 -0.01	38.45 1.69 0.00	50.22 1.46 0.00	65.65 2.77 0.00	63.65 2.92 0.00	51.19 2.30 0.00	50.50 2.59 0.00	50.31 2.85 0.00	48.46 2.87 0.00	48.61 2.92 0.00	46.66 2.93 0.00	46.54 2.84 0.00	52.33 3.15 0.00	66.29 3.93 0.00	82.48 4.82 0.00	75.72 4.22 0.00	56.44 3.04 0.00	47.16 2.71 0.00	41.40 2.31 0.00	39.57 2.20 0.00
BETHLEHEM___GRP 23843	36.76 -0.37 0.00	34.80 -0.39 0.00	33.20 -0.34 0.00	33.11 -0.30 0.00	33.53 -0.30 0.00	36.39 -0.37 0.00	48.32 -0.44 0.00	62.32 -0.57 0.00	60.50 -0.24 0.00	48.65 -0.24 0.00	47.77 -0.14 0.00	47.32 -0.14 0.00	45.49 -0.09 0.00	45.69 0.00 0.00	43.86 0.13 0.00	43.79 0.09 0.00	49.28 0.10 0.00	62.30 -0.06 0.00	77.51 -0.16 0.00	71.22 -0.29 0.00	53.45 0.05 0.00	44.49 0.04 0.00	39.10 0.00 0.00	37.29 -0.07 0.00
BETHLEHEM___GS1 323560	36.76 -0.37 0.00	34.80 -0.39 0.00	33.20 -0.34 0.00	33.11 -0.30 0.00	33.46 -0.37 0.00	36.39 -0.37 0.00	48.32 -0.44 0.00	62.32 -0.57 0.00	60.50 -0.24 0.00	48.65 -0.24 0.00	47.77 -0.14 0.00	47.32 -0.14 0.00	45.49 -0.09 0.00	45.69 0.00 0.00	43.86 0.13 0.00	43.79 0.09 0.00	49.28 0.10 0.00	62.30 -0.06 0.00	77.51 -0.16 0.00	71.22 -0.28 0.00	53.40 0.00 0.00	44.53 0.09 0.00	39.10 0.00 0.00	37.29 -0.07 0.00
BETHLEHEM___GS2 323561	36.76 -0.37 0.00	34.80 -0.39 0.00	33.20 -0.34 0.00	33.11 -0.30 0.00	33.46 -0.37 0.00	36.39 -0.37 0.00	48.32 -0.44 0.00	62.32 -0.57 0.00	60.50 -0.24 0.00	48.65 -0.24 0.00	47.77 -0.14 0.00	47.32 -0.14 0.00	45.49 -0.09 0.00	45.69 0.00 0.00	43.86 0.13 0.00	43.79 0.09 0.00	49.28 0.10 0.00	62.30 -0.06 0.00	77.51 -0.16 0.00	71.22 -0.28 0.00	53.40 0.00 0.00	44.53 0.09 0.00	39.10 0.00 0.00	37.29 -0.07 0.00
BETHLEHEM___GS3 323562	36.76 -0.37 0.00	34.80 -0.39 0.00	33.20 -0.34 0.00	33.11 -0.30 0.00	33.46 -0.37 0.00	36.39 -0.37 0.00	48.32 -0.44 0.00	62.32 -0.57 0.00	60.50 -0.24 0.00	48.65 -0.24 0.00	47.77 -0.14 0.00	47.32 -0.14 0.00	45.49 -0.09 0.00	45.69 0.00 0.00	43.86 0.13 0.00	43.79 0.09 0.00	49.28 0.10 0.00	62.30 -0.06 0.00	77.51 -0.16 0.00	71.22 -0.28 0.00	53.40 0.00 0.00	44.53 0.09 0.00	39.10 0.00 0.00	37.29 -0.07 0.00
BETHLEHEM___STEEL 23779	37.46 0.33 0.00	35.89 0.70 0.00	34.37 0.84 0.00	34.25 0.84 0.00	34.27 0.44 0.00	37.13 0.37 0.00	48.56 -0.20 0.00	62.00 -0.88 0.00	58.98 -1.76 0.00	48.65 -0.24 0.00	46.77 -1.15 0.00	46.37 -1.09 0.00	44.49 -1.09 0.00	44.82 -0.87 0.00	42.72 -1.01 0.00	42.39 -1.31 0.00	47.56 -1.62 0.00	60.80 -1.56 0.00	75.95 -1.71 0.00	70.22 -1.29 0.00	51.16 -2.24 0.00	42.71 -1.73 0.00	38.08 -1.02 0.00	37.32 -0.04 0.00
BETHLHEM_115KV_TB1 79974	36.87 -0.26 0.00	34.94 -0.25 0.00	33.30 -0.23 0.00	33.21 -0.20 0.00	33.66 -0.17 0.00	36.50 -0.26 0.00	48.46 -0.29 0.00	62.51 -0.38 0.00	60.68 -0.06 0.00	48.75 -0.15 0.00	47.92 0.00 0.00	47.46 0.00 0.00	45.63 0.05 0.00	45.83 0.14 0.00	43.95 0.22 0.00	43.88 0.17 0.00	49.43 0.25 0.00	62.49 0.12 0.00	77.74 0.08 0.00	71.43 -0.07 0.00	53.56 0.16 0.00	44.62 0.18 0.00	39.21 0.12 0.00	37.40 0.04 0.00
BETHPAGE_CC_5 323564	38.09 0.96 0.00	35.93 0.74 0.00	34.40 0.87 0.00	34.51 1.10 0.00	34.98 1.15 0.00	38.49 1.73 0.00	49.63 0.88 0.00	64.27 1.38 0.00	62.31 1.58 0.00	50.21 1.32 0.00	50.36 2.44 0.00	49.79 2.33 0.00	47.77 2.19 0.00	47.61 1.92 0.00	45.78 2.06 0.00	45.80 2.10 0.00	51.18 2.02 0.01	63.11 1.74 0.99	72.73 2.10 7.03	73.43 1.93 0.01	55.32 1.92 0.00	46.04 1.60 0.00	40.27 1.17 0.00	38.45 1.08 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	37.46 0.33 0.00	35.89 0.70 0.00	34.37 0.84 0.00	34.25 0.84 0.00	34.27 0.44 0.00	37.13 0.37 0.00	48.66 -0.10 0.00	62.19 -0.69 0.00	59.16 -1.58 0.00	48.80 -0.10 0.00	46.86 -1.05 0.00	46.47 -1.00 0.00	44.54 -1.05 0.00	44.91 -0.78 0.00	42.81 -0.92 0.00	42.48 -1.22 0.00	47.65 -1.52 0.00	60.99 -1.37 0.00	76.19 -1.48 0.00	70.43 -1.07 0.00	51.26 -2.14 0.00	42.80 -1.64 0.00	38.12 -0.98 0.00	37.32 -0.04 0.00
BINGHAMTON___COGEN 23790	37.46 0.33 0.00	35.57 0.39 0.00	33.93 0.40 0.00	33.81 0.40 0.00	34.17 0.34 0.00	37.09 0.33 0.00	49.24 0.49 0.00	63.39 0.50 0.00	60.92 0.18 0.00	49.19 0.29 0.00	48.01 0.10 0.00	47.56 0.09 0.00	45.68 0.09 0.00	45.83 0.14 0.00	43.82 0.09 0.00	43.75 0.04 0.00	49.33 0.15 0.00	62.80 0.44 0.00	78.52 0.85 0.00	72.51 1.00 0.00	53.72 0.32 0.00	44.62 0.18 0.00	39.29 0.20 0.00	37.74 0.37 0.00

BIXINCNT_115KV_LOAD 355685	37.39 0.26 0.00	35.89 0.70 0.00	34.37 0.84 0.00	34.25 0.84 0.00	34.34 0.51 0.00	37.24 0.48 0.00	49.05 0.29 0.00	65.15 2.26 0.00	61.71 0.97 0.00	50.95 2.05 0.00	47.15 -0.77 0.00	46.75 -0.71 0.00	44.81 -0.77 0.00	45.23 -0.46 0.00	43.07 -0.66 0.00	42.70 -1.01 0.00	47.95 -1.23 0.00	61.49 -0.87 0.00	77.04 -0.62 0.00	71.36 -0.14 0.00	51.85 -1.55 0.00	43.11 -1.33 0.00	38.23 -0.86 0.00	37.29 -0.07 0.00
BLACK RIVER___HYD 24047	38.28 1.15 0.00	36.31 1.13 0.00	34.60 1.07 0.00	34.31 0.90 0.00	34.81 0.98 0.00	38.04 1.29 0.00	53.09 2.34 -2.00	69.49 3.39 -3.21	65.71 2.98 -1.99	50.43 1.52 -0.02	50.41 1.15 -1.34	49.56 0.76 -1.34	46.43 0.82 -0.02	46.38 0.69 0.00	44.16 0.44 0.00	44.36 0.66 0.00	50.11 0.93 0.00	64.17 1.81 0.00	80.92 3.26 0.00	75.08 3.57 0.00	57.76 2.35 -2.02	46.18 1.73 0.00	40.23 1.13 0.00	38.52 1.16 0.00
BLACKRVR_115KV_TB2 79977	38.28 1.15 0.00	36.31 1.13 0.00	34.60 1.07 0.00	34.31 0.90 0.00	34.85 1.01 0.00	38.04 1.29 0.00	53.09 2.34 -2.00	69.49 3.40 -3.21	65.71 2.98 -1.99	50.43 1.52 -0.02	50.41 1.15 -1.34	49.57 0.76 -1.34	46.43 0.82 -0.02	46.38 0.69 0.00	44.16 0.44 0.00	44.36 0.66 0.00	50.11 0.93 0.00	64.17 1.81 0.00	80.92 3.26 0.00	75.08 3.58 0.00	57.68 2.30 -1.99	46.13 1.69 0.00	40.23 1.13 0.00	38.52 1.16 0.00
BLDWN_LI_69_KV_BK4 356085	38.35 1.23 0.00	36.10 0.91 0.00	34.60 1.07 0.00	34.71 1.30 0.00	35.32 1.49 0.00	38.74 1.98 0.00	50.07 1.32 0.00	64.90 2.01 0.00	62.86 2.13 0.00	50.65 1.76 0.00	50.70 2.78 0.00	50.17 2.71 0.00	48.14 2.55 0.00	48.02 2.33 0.00	46.18 2.45 0.00	46.19 2.49 0.00	51.68 2.51 0.01	64.40 2.49 0.46	77.43 3.03 3.26	74.14 2.65 0.01	55.91 2.51 0.00	46.49 2.04 0.00	40.78 1.68 0.00	38.82 1.46 0.00
BLISS_WT_PWR 323608	37.35 0.22 0.00	35.89 0.70 0.00	34.37 0.84 0.00	34.25 0.84 0.00	34.57 0.74 0.00	37.23 0.48 0.00	49.00 0.25 0.00	65.21 2.33 0.00	61.77 1.03 0.00	50.99 2.10 0.00	47.20 -0.72 0.00	46.80 -0.66 0.00	44.81 -0.78 0.00	45.23 -0.46 0.00	43.12 -0.61 0.00	42.70 -1.00 0.00	48.00 -1.18 0.00	61.49 -0.87 0.00	77.04 -0.62 0.00	71.36 -0.14 0.00	52.17 -1.23 0.00	43.25 -1.20 0.00	38.31 -0.78 0.00	37.25 -0.11 0.00
BLUESTONE___WT_PWR 323821	38.91 1.78 0.00	36.87 1.69 0.00	35.07 1.54 0.00	34.85 1.44 0.00	35.39 1.56 0.00	38.49 1.73 0.00	51.34 2.58 0.00	66.72 3.84 0.00	64.57 3.83 0.00	51.58 2.69 0.00	50.60 2.68 0.00	50.12 2.66 0.00	46.45 2.46 1.59	46.47 2.37 1.60	44.34 2.14 1.53	45.93 2.23 0.00	51.88 2.70 0.00	67.10 4.74 0.00	84.03 6.37 0.00	77.58 6.07 0.00	57.62 4.22 0.00	47.02 2.58 0.00	40.93 1.84 0.00	39.16 1.79 0.00
BLUE_CIRC_CHEM_DRP 24182	36.57 -0.56 0.00	34.62 -0.56 0.00	33.03 -0.50 0.00	32.94 -0.47 0.00	33.36 -0.47 0.00	36.32 -0.44 0.00	48.27 -0.49 0.00	62.26 -0.63 0.00	60.30 -0.43 0.01	48.31 -0.59 0.00	47.37 -0.53 0.01	46.93 -0.52 0.01	3.55 -0.46 41.58	3.60 -0.41 41.68	3.41 -0.35 39.97	43.34 -0.35 0.01	48.74 -0.44 0.00	61.74 -0.62 0.00	76.89 -0.78 0.00	70.65 -0.86 0.00	52.97 -0.43 0.00	44.13 -0.31 0.00	39.60 0.51 0.00	37.81 0.45 0.00
BOC_GAS_DRP 24189	37.20 0.07 0.00	35.22 0.04 0.00	33.56 0.03 0.00	33.48 0.07 0.00	33.93 0.10 0.00	36.83 0.07 0.00	48.85 0.10 0.00	63.01 0.13 0.00	61.04 0.30 0.00	49.14 0.24 0.00	48.25 0.34 0.00	47.84 0.38 0.00	47.81 0.41 -1.82	47.97 0.46 -1.82	46.00 0.52 -1.75	44.18 0.48 0.00	49.72 0.54 0.00	62.86 0.50 0.00	78.21 0.54 0.00	71.86 0.36 0.00	53.88 0.48 0.00	44.89 0.44 0.00	39.53 0.43 0.00	37.70 0.34 0.00
BOONVILLE_115KV_TB1 79983	37.94 0.82 0.00	35.96 0.77 0.00	34.27 0.74 0.00	34.08 0.67 0.00	34.57 0.74 0.00	37.64 0.88 0.00	51.42 1.56 -1.10	66.92 2.26 -1.78	63.91 2.07 -1.11	50.13 1.22 -0.01	49.72 1.05 -0.75	49.02 0.81 -0.75	46.42 0.82 -0.01	46.47 0.78 0.00	44.34 0.61 0.00	44.45 0.74 0.00	50.11 0.93 0.00	63.86 1.50 0.00	79.99 2.33 0.00	73.94 2.43 0.00	56.11 1.60 -1.11	45.56 1.11 0.00	39.84 0.74 0.00	38.15 0.78 0.00
BORALEX_4TH_BRANCH 23824	38.24 1.11 0.00	36.21 1.02 0.00	34.30 0.77 0.00	34.18 0.77 0.00	34.68 0.85 0.00	37.79 1.03 0.00	50.17 1.41 0.00	64.71 1.82 0.00	62.99 2.25 0.00	50.80 1.91 0.00	49.88 1.96 0.00	49.46 1.99 0.00	47.55 1.96 0.00	47.70 2.01 0.00	45.70 1.97 0.00	45.71 2.01 0.00	51.39 2.21 0.00	64.79 2.43 0.00	80.46 2.80 0.00	74.01 2.50 0.00	55.70 2.30 0.00	46.36 1.91 0.00	40.74 1.64 0.00	38.86 1.49 0.00
BOWLINE___1 23526	38.31 1.19 0.00	36.31 1.13 0.00	34.50 0.97 0.00	34.45 1.04 0.00	34.91 1.08 0.00	37.97 1.21 0.00	50.22 1.46 0.00	65.21 2.33 0.00	63.05 2.31 0.00	50.75 1.86 0.00	49.93 2.01 0.00	49.69 2.23 0.00	47.73 2.14 0.00	47.84 2.15 0.00	45.91 2.19 0.00	45.84 2.14 0.00	51.59 2.41 0.00	65.29 2.93 0.00	81.39 3.73 0.00	74.87 3.36 0.00	55.91 2.51 0.00	46.58 2.13 0.00	40.77 1.68 0.00	38.86 1.50 0.00
BOWLINE___2 23595	38.31 1.19 0.00	36.28 1.09 0.00	34.50 0.97 0.00	34.45 1.04 0.00	34.91 1.08 0.00	37.93 1.18 0.00	50.22 1.46 0.00	65.21 2.33 0.00	63.05 2.31 0.00	50.75 1.86 0.00	49.93 2.01 0.00	49.69 2.23 0.00	47.73 2.14 0.00	47.84 2.15 0.00	45.91 2.19 0.00	45.84 2.14 0.00	51.59 2.41 0.00	65.29 2.93 0.00	81.39 3.73 0.00	74.87 3.36 0.00	55.91 2.51 0.00	46.58 2.13 0.00	40.77 1.68 0.00	38.86 1.50 0.00
BRADY___115KV_TB2 356060	38.06 0.93 0.00	36.10 0.91 0.00	34.40 0.87 0.00	34.21 0.80 0.00	34.64 0.81 0.00	37.90 1.14 0.00	61.73 1.56 -11.42	83.26 2.01 -18.36	73.83 1.70 -11.39	50.04 1.03 -0.12	56.66 1.05 -7.69	56.15 1.00 -7.69	46.62 0.91 -0.12	46.51 0.82 0.00	44.60 0.87 0.00	44.62 0.92 0.00	50.16 0.98 0.00	63.61 1.25 0.00	79.22 1.55 0.00	73.08 1.57 0.00	66.09 1.33 -11.36	45.42 0.98 0.00	39.96 0.86 0.00	38.15 0.78 0.00
BRANSCOMB___SOLAR 323811	38.17 1.04 0.00	36.10 0.91 0.00	34.33 0.80 0.00	34.28 0.87 0.00	34.71 0.88 0.00	37.79 1.03 0.00	50.41 1.66 0.00	65.02 2.14 0.00	62.86 2.12 0.00	50.41 1.52 0.00	49.45 1.53 0.00	48.84 1.38 0.00	46.73 1.14 0.00	46.92 1.23 0.00	44.95 1.22 0.00	44.92 1.22 0.00	50.71 1.53 0.00	64.36 2.00 0.00	80.15 2.48 0.00	73.65 2.14 0.00	55.22 1.82 0.00	45.87 1.42 0.00	40.27 1.17 0.00	38.41 1.04 0.00
BRDGHMPT_69_KV_BK1 55812	37.94 0.82 0.00	35.54 0.35 0.00	34.03 0.50 0.00	34.15 0.74 0.00	34.81 0.98 0.00	38.38 1.62 0.00	48.56 -0.20 0.00	62.82 -0.06 0.00	60.92 0.18 0.00	49.05 0.20 0.04	49.79 1.87 0.00	49.08 1.61 0.00	47.04 1.46 0.00	46.88 1.19 0.00	45.13 1.40 0.00	45.19 1.49 0.00	50.10 0.93 0.01	61.87 0.25 0.74	72.62 0.23 5.27	71.85 0.36 0.01	54.31 0.91 0.00	45.20 0.76 0.00	39.95 0.86 0.00	38.33 0.97 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	38.46 1.34 0.00	36.10 0.91 0.00	34.57 1.04 0.00	34.68 1.27 0.00	35.35 1.52 0.00	38.93 2.17 0.00	49.78 1.02 0.00	64.33 1.45 0.00	62.32 1.58 0.00	50.31 1.42 0.00	50.50 2.59 0.00	49.88 2.42 0.00	47.86 2.28 0.00	47.61 1.92 0.00	45.87 2.14 0.00	45.89 2.19 0.00	51.23 2.07 0.02	62.81 1.43 0.99	72.37 1.71 7.00	73.00 1.50 0.01	55.05 1.66 0.00	46.00 1.56 0.00	40.54 1.45 0.00	38.67 1.31 0.00
BRISTLHL_115KV_TB1 79998	36.53 -0.59 0.00	34.62 -0.56 0.00	32.99 -0.54 0.00	32.88 -0.53 0.00	33.26 -0.58 0.00	36.17 -0.59 0.00	48.28 -0.73 -0.26	62.42 -0.88 -0.41	59.96 -1.03 -0.25	48.06 -0.83 0.00	47.18 -0.91 -0.17	46.69 -0.95 -0.17	44.63 -0.96 0.00	44.78 -0.91 0.00	42.81 -0.92 0.00	42.78 -0.92 0.00	48.15 -1.03 0.00	61.30 -1.06 0.00	76.58 -1.09 0.00	70.58 -0.93 0.00	52.74 -0.91 -0.25	43.69 -0.76 0.00	38.47 -0.63 0.00	36.84 -0.52 0.00
BROOKHAVEN___DRP 24191	38.06 0.93 0.00	35.68 0.49 0.00	34.17 0.64 0.00	34.28 0.87 0.00	34.95 1.12 0.00	38.49 1.73 0.00	48.90 0.15 0.00	63.20 0.31 0.00	61.28 0.55 0.00	49.34 0.49 0.04	49.74 1.82 0.00	49.12 1.66 0.00	47.14 1.55 0.00	46.92 1.23 0.00	45.13 1.40 0.00	45.19 1.49 0.00	50.35 1.18 0.01	62.13 0.50 0.73	73.02 0.54 5.18	72.07 0.57 0.01	54.52 1.12 0.00	45.38 0.93 0.00	40.15 1.06 0.00	38.33 0.97 0.00
BROOKLYN_NAVY_YARD 23515	38.61 1.49 0.00	36.56 1.37 0.00	34.77 1.24 0.00	34.71 1.30 0.00	35.15 1.32 0.00	38.23 1.47 0.00	50.41 1.66 0.00	65.72 2.83 0.00	63.65 2.92 0.00	51.19 2.30 0.00	50.50 2.59 0.00	50.22 2.75 0.00	48.27 2.69 0.00	48.43 2.74 0.00	46.48 2.76 0.00	46.32 2.62 0.00	52.13 2.95 0.00	65.85 3.49 0.00	82.01 4.35 0.00	75.36 3.86 0.00	56.28 2.88 0.00	46.93 2.49 0.00	41.13 2.03 0.00	39.16 1.79 0.00
BROOKLYN___ARMY_DRP 323595	38.87 1.74 0.00	36.88 1.69 -0.01	35.11 1.58 -0.01	35.06 1.64 -0.01	35.56 1.73 -0.01	38.30 1.54 0.00	50.02 1.27 0.00	65.40 2.52 0.00	63.41 2.67 0.00	51.00 2.10 0.00	50.31 2.40 0.00	50.07 2.61 0.00	48.27 2.69 0.00	48.39 2.70 0.00	46.48 2.75 0.00	46.32 2.62 0.00	52.08 2.90 0.00	65.98 3.62 0.00	82.09 4.43 0.00	75.37 3.86 0.00	56.18 2.78 0.00	46.98 2.53 0.00	41.25 2.15 0.00	39.42 2.05 0.00
BROOME_2_LFGE 323671	37.46 0.33 0.00	35.61 0.42 0.00	33.97 0.43 0.00	33.81 0.40 0.00	34.24 0.41 0.00	37.13 0.37 0.00	49.24 0.49 0.00	63.39 0.50 0.00	60.92 0.18 0.00	49.19 0.30 0.00	48.01 0.10 0.00	47.56 0.10 0.00	45.63 0.05 0.00	45.83 0.14 0.00	43.82 0.09 0.00	43.75 0.04 0.00	49.33 0.15 0.00	62.80 0.44 0.00	78.52 0.86 0.00	72.51 1.00 0.00	53.78 0.38 0.00	44.67 0.22 0.00	39.29 0.20 0.00	37.74 0.37 0.00
BROOME___LFGE 323600	37.46 0.33 0.00	35.61 0.42 0.00	33.97 0.43 0.00	33.81 0.40 0.00	34.24 0.41 0.00	37.13 0.37 0.00	49.24 0.49 0.00	63.39 0.50 0.00	60.92 0.18 0.00	49.19 0.30 0.00	48.01 0.10 0.00	47.56 0.10 0.00	45.63 0.05 0.00	45.83 0.14 0.00	43.82 0.09 0.00	43.75 0.04 0.00	49.33 0.15 0.00	62.80 0.44 0.00	78.52 0.86 0.00	72.51 1.00 0.00	53.78 0.38 0.00	44.67 0.22 0.00	39.29 0.20 0.00	37.74 0.37 0.00
BROWNFLS_115KV_TB_3_5 80003	37.98 0.85 0.00	36.03 0.84 0.00	34.34 0.80 0.00	34.11 0.70 0.00	34.61 0.78 0.00	37.75 0.99 0.00	55.68 1.71 -5.21	73.66 2.39 -8.39	68.01 2.07 -5.21	50.12 1.17 -0.06	52.44 1.01 -3.51	51.78 0.81 -3.51	46.46 0.82 -0.06	46.33 0.64 0.00	44.21 0.48 0.00	44.31 0.61 0.00	49.82 0.64 0.00	63.17 0.81 0.00	78.98 1.32 0.00	73.08 1.57 0.00	59.87 1.28 -5.19	45.38 0.93 0.00	39.84 0.74 0.00	38.03 0.67 0.00
BROWNSV1_27_KV_LOAD 356125	38.91 1.78 0.00	36.84 1.65 0.00	35.01 1.48 0.00	34.95 1.54 0.00	35.45 1.62 0.00	38.52 1.76 0.00	50.75 2.00 0.00	66.22 3.33 0.00	64.14 3.40 0.00	51.63 2.74 0.00	50.89 2.97 0.00	50.64 3.18 0.00	48.69 3.10 0.00	48.80 3.11 0.00	46.83 3.10 0.00	46.72 3.02 0.00	52.57 3.39 0.00	66.42 4.05 0.00	82.71 5.05 0.00	75.94 4.43 0.00	56.76 3.36 0.00	47.29 2.84 0.00	41.48 2.38 0.00	39.45 2.09 0.00
BURROWS___LYONSDAL 23803	37.94 0.82 0.00	36.00 0.81 0.00	34.30 0.77 0.00	34.08 0.67 0.00	34.57 0.74 0.00	37.68 0.92 0.00	51.87 1.66 -1.46	67.61 2.39 -2.34	64.32 2.13 -1.46	50.13 1.22 -0.02	49.91 1.01 -0.98	49.21 0.76 -0.98	46.42 0.82 -0.02	46.42 0.73 0.00	44.30 0.57 0.00	44.40 0.70 0.00	50.11 0.93 0.00	63.86 1.50 0.00	79.99 2.33 0.00	73.94 2.43 0.00	56.51 1.66 -1.45	45.56 1.11 0.00	39.80 0.70 0.00	38.07 0.71 0.00
CAITHNESS_CC_1 323624	38.06 0.93 0.00	35.71 0.53 0.00	34.20 0.67 0.00	34.31 0.90 0.00	34.81 0.98 0.00	38.49 1.73 0.00	49.00 0.25 0.00	63.26 0.38 0.00	61.28 0.55 0.00	49.39 0.54 0.04	49.78 1.87 0.00	49.17 1.71 0.00	47.18 1.59 0.00	46.92 1.23 0.00	45.17 1.44 0.00	45.19 1.49 0.00	50.35 1.18 0.01	62.14 0.50 0.72	73.11 0.55 5.10	72.14 0.64 0.01	54.52 1.12 0.00	45.42 0.98 0.00	40.03 0.94 0.00	38.26 0.90 0.00
CALPINE BETH_PAGE_GT4 24209	38.17 1.04 0.00	36.03 0.84 0.00	34.50 0.97 0.00	34.61 1.20 0.00	35.25 1.42 0.00	38.56 1.80 0.00	49.68 0.93 0.00	64.46 1.57 0.00	62.44 1.70 0.00	50.31 1.42 0.00	50.41 2.49 0.00	49.88 2.42 0.00	47.82 2.23 0.00	47.70 2.01 0.00	45.87 2.14 0.00	45.89 2.19 0.00	51.28 2.11 0.01	63.32 1.93 0.97	73.11 2.33 6.88	73.64 2.15 0.01	55.43 2.03 0.00	46.13 1.69 0.00	40.50 1.41 0.00	38.56 1.20 0.00
CALPINE_BETH_PAGE_GT_4 323586	38.17 1.04 0.00	36.03 0.84 0.00	34.50 0.97 0.00	34.61 1.20 0.00	35.08 1.25 0.00	38.49 1.73 0.00	49.73 0.97 0.00	64.46 1.57 0.00	62.44 1.70 0.00	50.31 1.42 0.00	50.41 2.49 0.00	49.88 2.42 0.00	47.82 2.23 0.00	47.70 2.01 0.00	45.87 2.14 0.00	45.89 2.18 0.00	51.28 2.11 0.01	63.33 1.94 0.97	73.11 2.33 6.88	73.64 2.14 0.01	55.43 2.03 0.00	46.18 1.73 0.00	40.35 1.25 0.00	38.48 1.12 0.00
CALPINE_BP_GT1 23823	38.17 1.04 0.00	36.03 0.84 0.00	34.50 0.97 0.00	34.61 1.20 0.00	35.08 1.25 0.00	38.49 1.73 0.00	49.73 0.97 0.00	64.46 1.57 0.00	62.44 1.70 0.00	50.31 1.42 0.00	50.41 2.49 0.00	49.88 2.42 0.00	47.82 2.23 0.00	47.70 2.01 0.00	45.87 2.14 0.00	45.89 2.18 0.00	51.28 2.11 0.01	63.33 1.94 0.97	73.11 2.33 6.88	73.64 2.14 0.01	55.43 2.03 0.00	46.18 1.73 0.00	40.35 1.25 0.00	38.48 1.12 0.00
CALSPAN___DRP 24200	37.46 0.33 0.00	35.89 0.70 0.00	34.37 0.84 0.00	34.25 0.84 0.00	34.27 0.44 0.00	37.13 0.37 0.00	48.56 -0.20 0.00	62.00 -0.88 0.00	58.98 -1.76 0.00	48.65 -0.24 0.00	46.77 -1.15 0.00	46.37 -1.09 0.00	44.49 -1.09 0.00	44.82 -0.87 0.00	42.72 -1.01 0.00	42.39 -1.31 0.00	47.56 -1.62 0.00	60.80 -1.56 0.00	75.95 -1.71 0.00	70.22 -1.29 0.00	51.16 -2.24 0.00	42.71 -1.73 0.00	38.08 -1.02 0.00	37.32 -0.04 0.00

CALVERTON___SOLAR 323806	38.02 0.89 0.00	35.64 0.46 0.00	34.17 0.64 0.00	34.25 0.84 0.00	34.74 0.91 0.00	38.41 1.66 0.00	48.90 0.15 0.00	63.14 0.25 0.00	61.22 0.48 0.00	49.29 0.44 0.04	49.74 1.82 0.00	49.08 1.61 0.00	47.14 1.55 0.00	46.87 1.19 0.00	45.13 1.40 0.00	45.19 1.49 0.00	50.30 1.13 0.01	62.07 0.44 0.74	72.91 0.47 5.22	72.07 0.57 0.01	54.47 1.07 0.00	45.38 0.93 0.00	39.99 0.90 0.00	38.22 0.86 0.00
CANDIGU_WT_PWR 323617	37.50 0.37 0.00	35.82 0.63 0.00	34.20 0.67 0.00	34.05 0.63 0.00	34.44 0.61 0.00	37.16 0.41 0.00	49.05 0.29 0.00	62.95 0.06 0.00	59.95 -0.79 0.00	48.60 -0.29 0.00	47.00 -0.91 0.00	46.56 -0.90 0.00	44.67 -0.91 0.00	44.91 -0.78 0.00	42.90 -0.83 0.00	42.65 -1.05 0.00	48.10 -1.08 0.00	61.80 -0.56 0.00	77.66 0.00 0.00	71.72 0.22 0.00	52.76 -0.64 0.00	43.69 -0.76 0.00	38.59 -0.51 0.00	37.32 -0.04 0.00
CARR STREET_E_SYR 24060	36.72 -0.41 0.00	34.80 -0.39 0.00	33.16 -0.37 0.00	33.05 -0.37 0.00	33.46 -0.37 0.00	36.35 -0.40 0.00	48.44 -0.54 -0.22	62.61 -0.63 -0.35	60.16 -0.79 -0.21	48.31 -0.58 0.00	47.34 -0.72 -0.14	46.85 -0.76 -0.14	44.86 -0.73 0.00	45.01 -0.68 0.00	42.98 -0.74 0.00	42.96 -0.74 0.00	48.39 -0.79 0.00	61.55 -0.81 0.00	76.89 -0.78 0.00	70.86 -0.64 0.00	52.98 -0.64 -0.22	43.82 -0.62 0.00	38.67 -0.43 0.00	37.02 -0.34 0.00
CARTHAGE___PAPER 23857	38.17 1.04 0.00	36.17 0.98 0.00	34.47 0.94 0.00	34.21 0.80 0.00	34.71 0.88 0.00	37.93 1.18 0.00	53.24 2.14 -2.34	69.73 3.08 -3.77	65.81 2.74 -2.34	50.29 1.37 -0.03	50.55 1.05 -1.58	49.76 0.71 -1.58	46.39 0.77 -0.03	46.33 0.64 0.00	44.16 0.44 0.00	44.36 0.66 0.00	50.07 0.89 0.00	63.98 1.62 0.00	80.45 2.79 0.00	74.58 3.07 0.00	57.85 2.08 -2.37	45.91 1.46 0.00	40.03 0.94 0.00	38.30 0.93 0.00
CASSADAGA_WT_PWR 323784	37.98 0.85 0.00	36.45 1.26 0.00	34.91 1.38 0.00	34.71 1.30 0.00	35.05 1.22 0.00	37.79 1.03 0.00	49.73 0.97 0.00	65.15 2.26 0.00	61.71 0.97 0.00	50.99 2.10 0.00	47.96 0.05 0.00	47.56 0.10 0.00	45.49 -0.09 0.00	45.87 0.18 0.00	43.73 0.00 0.00	43.35 -0.35 0.00	48.74 -0.44 0.00	62.55 0.19 0.00	78.36 0.70 0.00	72.51 1.00 0.00	52.92 -0.48 0.00	43.91 -0.53 0.00	38.94 -0.16 0.00	37.77 0.41 0.00
CE_DUNWOOD___DRP 24194	38.43 1.30 0.00	36.38 1.20 0.00	34.60 1.07 0.00	34.55 1.14 0.00	35.05 1.22 0.00	38.08 1.32 0.00	50.32 1.56 0.00	65.40 2.52 0.00	63.29 2.55 0.00	50.95 2.05 0.00	50.17 2.25 0.00	49.93 2.47 0.00	47.96 2.37 0.00	48.07 2.38 0.00	46.13 2.41 0.00	46.06 2.36 0.00	51.84 2.66 0.00	65.48 3.12 0.00	81.55 3.88 0.00	74.94 3.43 0.00	56.02 2.62 0.00	46.67 2.22 0.00	40.93 1.84 0.00	38.97 1.61 0.00
CE_MILLWOOD___DRP 24193	38.35 1.23 0.00	36.31 1.13 0.00	34.54 1.01 0.00	34.48 1.07 0.00	34.98 1.15 0.00	38.01 1.25 0.00	50.22 1.46 0.00	65.21 2.33 0.00	63.17 2.43 0.00	50.85 1.96 0.00	50.02 2.11 0.00	49.79 2.33 0.00	47.82 2.23 0.00	47.93 2.24 0.00	46.00 2.27 0.00	45.93 2.23 0.00	51.69 2.51 0.00	65.29 2.93 0.00	81.31 3.65 0.00	74.72 3.22 0.00	55.91 2.51 0.00	46.58 2.13 0.00	40.85 1.76 0.00	38.89 1.53 0.00
CE_NYC2_DRP 24202	38.87 1.74 0.00	36.81 1.62 -0.01	35.01 1.48 -0.01	34.96 1.54 -0.01	35.46 1.62 -0.01	38.38 1.62 0.00	50.17 1.41 0.00	65.46 2.58 0.00	63.53 2.79 0.00	51.09 2.20 0.00	50.46 2.54 0.00	50.17 2.71 0.00	48.37 2.78 0.00	48.48 2.79 0.00	46.53 2.80 0.00	46.37 2.67 0.00	52.08 2.90 0.00	65.85 3.49 0.00	81.86 4.19 0.00	75.15 3.65 0.00	56.18 2.78 0.00	46.93 2.49 0.00	41.21 2.11 0.00	39.34 1.98 0.00
CE_NYC_DRP 24195	38.69 1.56 0.00	36.63 1.44 0.00	34.84 1.31 0.00	34.78 1.37 0.00	35.29 1.45 0.00	38.30 1.54 0.00	50.51 1.76 0.00	65.84 2.96 0.00	63.78 3.04 0.00	51.34 2.44 0.00	50.60 2.68 0.00	50.36 2.90 0.00	48.41 2.83 0.00	48.57 2.88 0.00	46.61 2.89 0.00	46.50 2.80 0.00	52.28 3.10 0.00	66.04 3.68 0.00	82.17 4.50 0.00	75.51 4.00 0.00	56.44 3.04 0.00	47.02 2.58 0.00	41.25 2.15 0.00	39.23 1.87 0.00
CHAFFEE___LFGE 323603	37.46 0.33 0.00	35.93 0.74 0.00	34.40 0.87 0.00	34.25 0.84 0.00	34.54 0.71 0.00	37.16 0.41 0.00	48.61 -0.15 0.00	63.01 0.13 0.00	59.83 -0.91 0.00	49.38 0.49 0.00	46.91 -1.01 0.00	46.46 -1.00 0.00	44.58 -1.00 0.00	44.91 -0.78 0.00	42.81 -0.92 0.00	42.48 -1.22 0.00	47.71 -1.47 0.00	61.05 -1.31 0.00	76.27 -1.40 0.00	70.50 -1.00 0.00	51.64 -1.76 0.00	42.98 -1.47 0.00	38.27 -0.82 0.00	37.36 0.00 0.00
CHATEAUG_35_KV_LOAD 355732	37.80 0.67 0.00	35.85 0.67 0.00	34.17 0.64 0.00	34.01 0.60 0.00	34.47 0.64 0.00	37.46 0.70 0.00	50.23 0.63 -0.84	64.73 0.50 -1.35	62.00 0.43 -0.84	49.20 0.29 -0.01	48.82 0.34 -0.56	48.36 0.33 -0.56	46.05 0.46 -0.01	46.06 0.37 0.00	43.99 0.26 0.00	43.96 0.26 0.00	49.33 0.15 0.00	62.55 0.19 0.00	77.66 0.00 0.00	71.65 0.14 0.00	54.39 0.16 -0.83	44.58 0.13 0.00	39.29 0.20 0.00	37.44 0.07 0.00
CHATEAUG_WT_PWR 323614	37.72 0.59 0.00	35.78 0.60 0.00	34.10 0.57 0.00	33.94 0.53 0.00	34.37 0.54 0.00	37.38 0.62 0.00	49.14 0.39 0.00	63.01 0.13 0.00	60.86 0.12 0.00	48.99 0.10 0.00	48.06 0.14 0.00	47.61 0.14 0.00	45.86 0.28 0.00	45.92 0.23 0.00	43.86 0.13 0.00	43.83 0.13 0.00	49.13 -0.05 0.00	62.24 -0.12 0.00	77.28 -0.39 0.00	71.15 -0.36 0.00	53.08 -0.32 0.00	44.14 -0.31 0.00	39.13 0.04 0.00	37.29 -0.07 0.00
CHAT_HIGH_FALL_HYD 323578	37.80 0.67 0.00	35.85 0.67 0.00	34.17 0.64 0.00	34.01 0.60 0.00	34.47 0.64 0.00	37.46 0.70 0.00	50.23 0.63 -0.84	64.73 0.50 -1.35	62.00 0.43 -0.84	49.20 0.29 -0.01	48.82 0.34 -0.56	48.36 0.33 -0.56	46.05 0.46 -0.01	46.06 0.37 0.00	43.99 0.26 0.00	43.96 0.26 0.00	49.33 0.15 0.00	62.55 0.19 0.00	77.66 0.00 0.00	71.65 0.14 0.00	54.39 0.16 -0.83	44.58 0.13 0.00	39.29 0.20 0.00	37.44 0.07 0.00
CHAUTAUQUA___LFGE 323629	37.83 0.70 0.00	36.31 1.13 0.00	34.74 1.21 0.00	34.58 1.17 0.00	34.91 1.08 0.00	37.57 0.81 0.00	49.24 0.49 0.00	63.58 0.69 0.00	60.32 -0.42 0.00	49.77 0.88 0.00	47.44 -0.48 0.00	47.08 -0.38 0.00	45.08 -0.50 0.00	45.46 -0.23 0.00	43.33 -0.39 0.00	43.00 -0.70 0.00	48.34 -0.84 0.00	61.93 -0.43 0.00	77.51 -0.16 0.00	71.72 0.22 0.00	52.44 -0.96 0.00	43.56 -0.89 0.00	38.70 -0.39 0.00	37.70 0.34 0.00
CHERRYST_13_KV_LD 356241	38.80 1.67 0.00	36.73 1.55 0.00	34.94 1.41 0.00	34.88 1.47 0.00	35.39 1.56 0.00	38.41 1.65 0.00	50.66 1.90 0.00	66.03 3.14 0.00	64.02 3.28 0.00	51.53 2.64 0.00	50.79 2.87 0.00	50.55 3.09 0.00	48.59 3.01 0.00	48.71 3.02 0.00	46.79 3.06 0.00	46.63 2.93 0.00	52.47 3.30 0.00	66.23 3.87 0.00	82.48 4.82 0.00	75.72 4.22 0.00	56.60 3.20 0.00	47.16 2.71 0.00	41.36 2.27 0.00	39.34 1.98 0.00

CHESTROR_138KV_BK263 355645	38.32 1.19 0.00	36.28 1.09 0.00	34.50 0.97 0.00	34.45 1.04 0.00	34.95 1.12 0.00	37.93 1.18 0.00	50.27 1.51 0.00	65.21 2.33 0.00	63.05 2.31 0.00	50.70 1.81 0.00	49.79 1.87 0.00	49.50 2.04 0.00	47.55 1.96 0.00	47.65 1.96 0.00	45.74 2.01 0.00	45.67 1.97 0.00	51.49 2.31 0.00	65.23 2.87 0.00	81.31 3.65 0.00	74.79 3.29 0.00	55.86 2.46 0.00	46.49 2.04 0.00	40.78 1.68 0.00	38.82 1.46 0.00
CH_MIDHUDSON___DRP 24192	38.24 1.11 0.00	36.24 1.06 0.00	34.44 0.91 0.00	34.38 0.97 0.00	34.88 1.05 0.00	37.90 1.14 0.00	50.17 1.41 0.00	65.09 2.20 0.00	63.05 2.31 0.00	50.65 1.76 0.00	49.78 1.87 0.00	49.46 1.99 0.00	45.82 1.91 1.68	45.93 1.92 1.68	44.08 1.97 1.61	45.67 1.97 0.00	51.39 2.21 0.00	65.04 2.68 0.00	81.00 3.34 0.00	74.44 2.93 0.00	55.70 2.30 0.00	46.40 1.96 0.00	40.70 1.60 0.00	38.78 1.42 0.00
CH_MISC_IPPS 23765	38.50 1.37 0.00	36.45 1.26 0.00	34.67 1.14 0.00	34.58 1.17 0.00	35.05 1.22 0.00	38.12 1.36 0.00	50.61 1.85 0.00	65.65 2.76 0.00	63.47 2.74 0.00	50.99 2.10 0.00	50.02 2.11 0.00	49.74 2.28 0.00	45.98 2.14 1.74	46.09 2.15 1.75	44.19 2.14 1.68	45.89 2.18 0.00	51.69 2.51 0.00	65.54 3.18 0.00	81.78 4.11 0.00	75.08 3.57 0.00	56.07 2.67 0.00	46.75 2.31 0.00	40.93 1.84 0.00	39.00 1.64 0.00
CH_RES_BVR_FALLS 23983	37.20 0.07 0.00	35.26 0.07 0.00	33.60 0.07 0.00	33.48 0.07 0.00	33.90 0.07 0.00	36.87 0.11 0.00	48.62 0.10 0.24	62.57 0.06 0.38	60.62 0.12 0.24	48.94 0.05 0.00	47.85 0.10 0.16	47.40 0.10 0.16	45.67 0.09 0.00	45.74 0.05 0.00	43.77 0.04 0.00	43.75 0.04 0.00	49.18 0.00 0.00	62.36 0.00 0.00	77.59 -0.08 0.00	71.29 -0.21 0.00	53.00 -0.16 0.24	44.22 -0.22 0.00	38.86 -0.23 0.00	37.06 -0.30 0.00
CH_RES_NIAGARA 23895	37.20 0.07 0.00	35.71 0.53 0.00	34.20 0.67 0.00	34.05 0.63 0.00	34.03 0.20 0.00	36.46 -0.29 0.00	47.20 -1.56 0.00	59.99 -2.89 0.00	57.15 -3.58 0.00	47.23 -1.66 0.00	45.47 -2.44 0.00	45.04 -2.42 0.00	43.26 -2.32 0.00	43.59 -2.10 0.00	41.54 -2.19 0.00	41.30 -2.40 0.00	46.18 -3.00 0.00	58.81 -3.55 0.00	73.31 -4.35 0.00	67.79 -3.72 0.00	49.50 -3.90 0.00	41.42 -3.02 0.00	37.10 -1.99 0.00	36.88 -0.49 0.00
CH_RES_SYRACUSE 23985	36.94 -0.18 0.00	35.01 -0.18 0.00	33.36 -0.17 0.00	33.21 -0.20 0.00	33.63 -0.20 0.00	36.58 -0.18 0.00	48.85 -0.10 -0.19	63.07 -0.13 -0.31	60.62 -0.30 -0.19	48.65 -0.24 0.00	47.71 -0.33 -0.13	47.16 -0.43 -0.13	45.18 -0.41 0.00	45.28 -0.41 0.00	43.29 -0.44 0.00	43.27 -0.44 0.00	48.74 -0.44 0.00	62.05 -0.31 0.00	77.59 -0.08 0.00	71.50 0.00 0.00	53.38 -0.21 -0.19	44.22 -0.22 0.00	38.90 -0.19 0.00	37.21 -0.15 0.00
CLINTON_WT_PWR 323605	37.72 0.59 0.00	35.78 0.60 0.00	34.10 0.57 0.00	33.94 0.53 0.00	34.37 0.54 0.00	37.38 0.62 0.00	49.14 0.39 0.00	63.01 0.13 0.00	60.86 0.12 0.00	48.99 0.10 0.00	48.06 0.14 0.00	47.61 0.14 0.00	45.86 0.28 0.00	45.92 0.23 0.00	43.86 0.13 0.00	43.83 0.13 0.00	49.13 -0.05 0.00	62.24 -0.12 0.00	77.28 -0.39 0.00	71.15 -0.36 0.00	53.08 -0.32 0.00	44.14 -0.31 0.00	39.13 0.04 0.00	37.29 -0.07 0.00
CLINTON___LFGE 323618	38.43 1.30 0.00	36.49 1.30 0.00	34.77 1.24 0.00	34.61 1.20 0.00	35.05 1.22 0.00	38.08 1.32 0.00	49.90 0.83 -0.32	63.64 0.25 -0.51	61.30 0.24 -0.32	49.04 0.15 0.00	48.32 0.19 -0.21	47.87 0.19 -0.21	46.18 0.59 0.00	46.19 0.50 0.00	43.95 0.22 0.00	43.97 0.26 0.00	49.03 -0.15 0.00	62.24 -0.12 0.00	77.12 -0.54 0.00	71.29 -0.21 0.00	53.35 -0.37 -0.32	44.14 -0.31 0.00	39.57 0.47 0.00	37.59 0.23 0.00
COBBLENY_34_KV_TB1 80064	37.46 0.33 0.00	35.89 0.70 0.00	34.37 0.84 0.00	34.25 0.84 0.00	34.27 0.44 0.00	37.16 0.40 0.00	48.71 -0.05 0.00	63.01 0.13 0.00	59.83 -0.91 0.00	49.38 0.49 0.00	46.91 -1.01 0.00	46.47 -1.00 0.00	44.58 -1.00 0.00	44.91 -0.78 0.00	42.81 -0.92 0.00	42.48 -1.22 0.00	47.70 -1.48 0.00	61.05 -1.31 0.00	76.26 -1.40 0.00	70.50 -1.00 0.00	51.32 -2.08 0.00	42.84 -1.60 0.00	38.16 -0.94 0.00	37.36 0.00 0.00
COFFEEN___115KV_TB3 355620	38.43 1.30 0.00	36.45 1.27 0.00	34.74 1.21 0.00	34.41 1.00 0.00	34.98 1.15 0.00	38.19 1.43 0.00	53.32 2.63 -1.93	69.77 3.77 -3.11	66.01 3.34 -1.93	50.63 1.71 -0.02	50.51 1.29 -1.30	49.62 0.85 -1.30	46.52 0.91 -0.02	46.47 0.78 0.00	44.25 0.52 0.00	44.49 0.79 0.00	50.31 1.13 0.00	64.48 2.12 0.00	81.39 3.73 0.00	75.58 4.08 0.00	57.99 2.67 -1.92	46.40 1.96 0.00	40.39 1.29 0.00	38.71 1.35 0.00
COLDSPRG_115KV_BK1 355956	37.98 0.85 0.00	36.38 1.20 0.00	34.84 1.31 0.00	34.71 1.30 0.00	34.78 0.95 0.00	37.82 1.07 0.00	50.02 1.27 0.00	67.10 4.21 0.00	63.35 2.61 0.00	52.41 3.52 0.00	48.06 0.14 0.00	47.70 0.24 0.00	45.59 0.00 0.00	45.96 0.27 0.00	43.82 0.09 0.00	43.44 -0.26 0.00	48.93 -0.25 0.00	62.86 0.50 0.00	78.67 1.01 0.00	72.94 1.43 0.00	52.87 -0.53 0.00	44.00 -0.44 0.00	39.02 -0.08 0.00	37.88 0.52 0.00
COLONIE_LFGE___ 323577	37.87 0.74 0.00	35.85 0.67 0.00	34.07 0.53 0.00	33.98 0.57 0.00	34.41 0.57 0.00	37.45 0.70 0.00	49.83 1.07 0.00	64.27 1.38 0.00	62.31 1.58 0.00	50.16 1.27 0.00	49.26 1.34 0.00	48.75 1.28 0.00	46.82 1.23 0.00	46.97 1.28 0.00	45.00 1.27 0.00	44.97 1.27 0.00	50.65 1.47 0.00	64.05 1.68 0.00	79.68 2.02 0.00	73.22 1.71 0.00	54.95 1.55 0.00	45.73 1.29 0.00	40.15 1.06 0.00	38.33 0.97 0.00
COOPERNY_115KV_TB1 80082	38.20 1.08 0.00	36.21 1.02 0.00	34.47 0.94 0.00	34.38 0.97 0.00	34.88 1.05 0.00	37.82 1.07 0.00	50.12 1.37 0.00	65.02 2.14 0.00	62.80 2.07 0.00	50.51 1.61 0.00	49.59 1.68 0.00	49.31 1.85 0.00	47.32 1.73 0.00	47.43 1.74 0.00	45.48 1.75 0.00	45.45 1.75 0.00	51.20 2.02 0.00	64.92 2.56 0.00	81.00 3.34 0.00	74.51 3.00 0.00	55.59 2.19 0.00	46.27 1.82 0.00	40.58 1.49 0.00	38.67 1.31 0.00
COPENHAGEN_WT_PWR 323753	38.09 0.96 0.00	36.14 0.95 0.00	34.44 0.91 0.00	34.15 0.73 0.00	34.68 0.85 0.00	37.86 1.10 0.00	52.58 2.00 -1.82	68.78 2.96 -2.93	65.17 2.61 -1.82	50.18 1.27 -0.02	50.05 0.91 -1.23	49.26 0.57 -1.23	46.24 0.64 -0.02	46.19 0.50 0.00	43.99 0.26 0.00	44.18 0.48 0.00	49.92 0.74 0.00	63.86 1.49 0.00	80.45 2.79 0.00	74.58 3.07 0.00	57.22 1.98 -1.84	45.91 1.46 0.00	40.03 0.94 0.00	38.37 1.01 0.00
CORNELL_____ 23752	37.76 0.63 0.00	35.82 0.63 0.00	34.13 0.60 0.00	34.01 0.60 0.00	34.37 0.54 0.00	37.42 0.66 0.00	49.93 1.17 0.00	64.46 1.57 0.00	61.83 1.09 0.00	49.68 0.78 0.00	48.35 0.43 0.00	47.80 0.33 0.00	45.86 0.27 0.00	46.01 0.32 0.00	43.95 0.22 0.00	43.96 0.26 0.00	49.67 0.49 0.00	63.55 1.18 0.00	79.68 2.02 0.00	73.58 2.07 0.00	54.52 1.12 0.00	45.20 0.76 0.00	39.72 0.63 0.00	38.07 0.71 0.00

CORONA__69_KV_TB1 355595	38.43 1.30 0.00	36.21 1.02 0.00	34.67 1.14 0.00	34.78 1.37 0.00	35.39 1.56 0.00	38.78 2.02 0.00	50.22 1.46 0.00	65.15 2.26 0.00	63.11 2.37 0.00	50.85 1.96 0.00	50.84 2.92 0.00	50.36 2.90 0.00	48.27 2.69 0.00	48.20 2.51 0.00	46.35 2.62 0.00	46.32 2.62 0.00	51.88 2.70 0.00	64.98 2.74 0.12	80.17 3.34 0.83	74.43 2.93 0.01	56.07 2.67 0.00	46.67 2.22 0.00	40.89 1.80 0.00	38.93 1.57 0.00
CORTLAND__115KV_TB3 80093	37.46 0.33 0.00	35.50 0.32 0.00	33.87 0.34 0.00	33.71 0.30 0.00	34.10 0.27 0.00	37.09 0.33 0.00	49.62 0.68 -0.19	64.13 0.94 -0.30	61.53 0.61 -0.19	49.29 0.39 0.00	48.23 0.19 -0.13	47.73 0.14 -0.13	45.68 0.09 0.00	45.83 0.14 0.00	43.82 0.09 0.00	43.79 0.09 0.00	49.43 0.25 0.00	62.99 0.62 0.00	78.83 1.16 0.00	72.72 1.22 0.00	54.17 0.59 -0.19	44.84 0.40 0.00	39.41 0.31 0.00	37.77 0.41 0.00
COXSACKIE__GT 23611	37.80 0.67 0.00	35.78 0.60 0.00	34.10 0.57 0.00	34.01 0.60 0.00	34.44 0.61 0.00	37.71 0.95 0.00	50.90 2.14 0.00	65.65 2.76 0.00	63.45 2.74 0.02	49.77 0.88 0.00	48.37 0.48 0.02	47.96 0.52 0.02	-17.23 0.59 63.41	-17.17 0.69 63.55	-16.47 0.74 60.94	44.38 0.70 0.02	50.07 0.89 0.00	64.17 1.81 0.00	80.30 2.64 0.00	73.65 2.14 0.00	54.95 1.55 0.00	45.69 1.24 0.00	40.23 1.13 0.00	38.37 1.01 0.00
CPV_VALLEY__CC1 323721	38.24 1.11 0.00	36.21 1.02 0.00	34.47 0.94 0.00	34.38 0.97 0.00	34.84 1.01 0.00	37.86 1.10 0.00	50.17 1.41 0.00	65.08 2.20 0.00	62.86 2.12 0.00	50.56 1.66 0.00	49.69 1.77 0.00	49.46 1.99 0.00	47.46 1.87 0.00	47.56 1.87 0.00	45.65 1.92 0.00	45.58 1.88 0.00	51.34 2.16 0.00	65.04 2.68 0.00	81.08 3.41 0.00	74.58 3.07 0.00	55.69 2.29 0.00	46.40 1.95 0.00	40.62 1.52 0.00	38.75 1.38 0.00
CPV_VALLEY__CC2 323722	38.24 1.11 0.00	36.21 1.02 0.00	34.47 0.94 0.00	34.38 0.97 0.00	34.84 1.01 0.00	37.86 1.10 0.00	50.17 1.41 0.00	65.08 2.20 0.00	62.86 2.12 0.00	50.56 1.66 0.00	49.69 1.77 0.00	49.46 1.99 0.00	47.46 1.87 0.00	47.56 1.87 0.00	45.65 1.92 0.00	45.58 1.88 0.00	51.34 2.16 0.00	65.04 2.68 0.00	81.08 3.41 0.00	74.58 3.07 0.00	55.69 2.29 0.00	46.40 1.95 0.00	40.62 1.52 0.00	38.75 1.38 0.00
CRESCENT__HYD 24018	37.87 0.74 0.00	35.85 0.67 0.00	34.07 0.53 0.00	33.98 0.57 0.00	34.41 0.57 0.00	37.45 0.70 0.00	49.83 1.07 0.00	64.27 1.38 0.00	62.31 1.58 0.00	50.16 1.27 0.00	49.26 1.34 0.00	48.75 1.28 0.00	46.82 1.23 0.00	46.97 1.28 0.00	45.00 1.27 0.00	44.97 1.27 0.00	50.65 1.47 0.00	64.05 1.68 0.00	79.68 2.02 0.00	73.22 1.71 0.00	54.95 1.55 0.00	45.73 1.29 0.00	40.15 1.06 0.00	38.33 0.97 0.00
CRICKET__VALLEY_CC1 323756	37.83 0.70 0.00	35.82 0.63 0.00	34.00 0.47 0.00	33.94 0.53 0.00	34.37 0.54 0.00	37.42 0.66 0.00	49.53 0.78 0.00	64.14 1.26 0.00	62.19 1.46 0.00	50.12 1.22 0.00	49.31 1.39 0.00	48.94 1.47 0.00	47.04 1.46 0.00	47.20 1.51 0.00	45.26 1.53 0.00	45.23 1.53 0.00	50.85 1.67 0.00	64.11 1.74 0.00	79.76 2.10 0.00	73.36 1.86 0.00	55.00 1.60 0.00	45.91 1.46 0.00	40.23 1.13 0.00	38.33 0.97 0.00
CRICKET__VALLEY_CC2 323757	37.83 0.70 0.00	35.82 0.63 0.00	34.00 0.47 0.00	33.94 0.53 0.00	34.37 0.54 0.00	37.42 0.66 0.00	49.53 0.78 0.00	64.14 1.26 0.00	62.19 1.46 0.00	50.12 1.22 0.00	49.31 1.39 0.00	48.94 1.47 0.00	47.04 1.46 0.00	47.20 1.51 0.00	45.26 1.53 0.00	45.23 1.53 0.00	50.85 1.67 0.00	64.11 1.74 0.00	79.76 2.10 0.00	73.36 1.86 0.00	55.00 1.60 0.00	45.91 1.46 0.00	40.23 1.13 0.00	38.33 0.97 0.00
CRICKET__VALLEY_CC3 323758	37.83 0.70 0.00	35.82 0.63 0.00	34.00 0.47 0.00	33.94 0.53 0.00	34.37 0.54 0.00	37.42 0.66 0.00	49.53 0.78 0.00	64.14 1.26 0.00	62.19 1.46 0.00	50.12 1.22 0.00	49.31 1.39 0.00	48.94 1.47 0.00	47.04 1.46 0.00	47.20 1.51 0.00	45.26 1.53 0.00	45.23 1.53 0.00	50.85 1.67 0.00	64.11 1.74 0.00	79.76 2.10 0.00	73.36 1.86 0.00	55.00 1.60 0.00	45.91 1.46 0.00	40.23 1.13 0.00	38.33 0.97 0.00
CRUCIBLE__METL_DRP 24180	36.94 -0.19 0.00	35.01 -0.18 0.00	33.33 -0.20 0.00	33.21 -0.20 0.00	33.59 -0.24 0.00	36.54 -0.22 0.00	48.85 -0.10 -0.19	63.07 -0.13 -0.31	60.62 -0.30 -0.19	48.65 -0.24 0.00	47.71 -0.34 -0.13	47.16 -0.43 -0.13	45.18 -0.41 0.00	45.28 -0.41 0.00	43.29 -0.44 0.00	43.27 -0.44 0.00	48.74 -0.44 0.00	62.05 -0.31 0.00	77.58 -0.08 0.00	71.50 0.00 0.00	53.32 -0.27 -0.19	44.18 -0.27 0.00	38.90 -0.20 0.00	37.21 -0.15 0.00
DAHOWA__HYDRO 323763	38.20 1.08 0.00	36.17 0.98 0.00	34.40 0.87 0.00	34.35 0.93 0.00	34.81 0.98 0.00	37.86 1.10 0.00	50.56 1.81 0.00	65.27 2.39 0.00	63.05 2.31 0.00	50.50 1.61 0.00	49.55 1.63 0.00	48.89 1.42 0.00	46.77 1.18 0.00	46.97 1.28 0.00	45.00 1.27 0.00	44.97 1.27 0.00	50.75 1.57 0.00	64.48 2.12 0.00	80.30 2.64 0.00	73.79 2.29 0.00	55.27 1.87 0.00	45.91 1.46 0.00	40.27 1.17 0.00	38.45 1.08 0.00
DANC__LFGE 323619	37.50 0.37 0.00	35.54 0.35 0.00	33.87 0.34 0.00	33.65 0.24 0.00	34.13 0.30 0.00	37.20 0.44 0.00	50.91 0.92 -1.23	66.24 1.38 -1.97	63.18 1.21 -1.22	49.35 0.44 -0.01	48.89 0.14 -0.83	48.19 -0.09 -0.83	45.55 -0.05 -0.01	45.60 -0.09 0.00	43.47 -0.26 0.00	43.61 -0.09 0.00	49.18 0.00 0.00	62.74 0.38 0.00	78.75 1.09 0.00	72.93 1.43 0.00	55.44 0.80 -1.24	45.02 0.58 0.00	39.45 0.35 0.00	37.77 0.41 0.00
DANSKAMMER__1 23586	38.50 1.37 0.00	36.45 1.26 0.00	34.67 1.14 0.00	34.58 1.17 0.00	35.05 1.22 0.00	38.12 1.36 0.00	50.61 1.85 0.00	65.65 2.76 0.00	63.47 2.74 0.00	50.99 2.10 0.00	50.02 2.11 0.00	49.74 2.28 0.00	45.98 2.14 1.74	46.09 2.15 1.75	44.19 2.14 1.68	45.89 2.18 0.00	51.69 2.51 0.00	65.54 3.18 0.00	81.78 4.11 0.00	75.08 3.57 0.00	56.07 2.67 0.00	46.75 2.31 0.00	40.93 1.84 0.00	39.00 1.64 0.00
DANSKAMMER__2 23589	38.50 1.37 0.00	36.45 1.26 0.00	34.67 1.14 0.00	34.58 1.17 0.00	35.05 1.22 0.00	38.12 1.36 0.00	50.61 1.85 0.00	65.65 2.76 0.00	63.47 2.74 0.00	50.99 2.10 0.00	50.02 2.11 0.00	49.74 2.28 0.00	45.98 2.14 1.74	46.09 2.15 1.75	44.19 2.14 1.68	45.89 2.18 0.00	51.69 2.51 0.00	65.54 3.18 0.00	81.78 4.11 0.00	75.08 3.57 0.00	56.07 2.67 0.00	46.75 2.31 0.00	40.93 1.84 0.00	39.00 1.64 0.00
DANSKAMMER__3 23590	38.50 1.37 0.00	36.45 1.26 0.00	34.67 1.14 0.00	34.58 1.17 0.00	35.05 1.22 0.00	38.12 1.36 0.00	50.61 1.85 0.00	65.65 2.76 0.00	63.47 2.74 0.00	50.99 2.10 0.00	50.02 2.11 0.00	49.74 2.28 0.00	45.98 2.14 1.74	46.09 2.15 1.75	44.19 2.14 1.68	45.89 2.18 0.00	51.69 2.51 0.00	65.54 3.18 0.00	81.78 4.11 0.00	75.08 3.57 0.00	56.07 2.67 0.00	46.75 2.31 0.00	40.93 1.84 0.00	39.00 1.64 0.00

DANSKAMMER___4 23591	38.50 1.37 0.00	36.45 1.26 0.00	34.67 1.14 0.00	34.58 1.17 0.00	35.05 1.22 0.00	38.12 1.36 0.00	50.61 1.85 0.00	65.65 2.76 0.00	63.47 2.74 0.00	50.99 2.10 0.00	50.02 2.11 0.00	49.74 2.28 0.00	45.98 2.14 1.74	46.09 2.15 1.75	44.19 2.14 1.68	45.89 2.18 0.00	51.69 2.51 0.00	65.54 3.18 0.00	81.78 4.11 0.00	75.08 3.57 0.00	56.07 2.67 0.00	46.75 2.31 0.00	40.93 1.84 0.00	39.00 1.64 0.00
DANSKAMMER___DIESEL 23592	38.50 1.37 0.00	36.45 1.27 0.00	34.67 1.14 0.00	34.58 1.17 0.00	35.12 1.29 0.00	38.12 1.36 0.00	50.56 1.80 0.00	65.65 2.77 0.00	63.47 2.73 0.00	51.00 2.10 0.00	50.02 2.11 0.00	49.74 2.28 0.00	45.98 2.14 1.74	46.09 2.15 1.75	44.19 2.14 1.68	45.89 2.19 0.00	51.74 2.56 0.00	65.54 3.18 0.00	81.78 4.12 0.00	75.08 3.58 0.00	56.07 2.67 0.00	46.71 2.27 0.00	40.97 1.88 0.00	39.01 1.64 0.00
DARBY___SOLAR 323810	38.13 1.00 0.00	36.10 0.91 0.00	34.33 0.80 0.00	34.28 0.87 0.00	34.71 0.88 0.00	37.75 0.99 0.00	50.36 1.61 0.00	65.02 2.14 0.00	62.86 2.12 0.00	50.41 1.52 0.00	49.45 1.53 0.00	48.79 1.33 0.00	46.73 1.14 0.00	46.92 1.23 0.00	44.91 1.18 0.00	44.88 1.18 0.00	50.71 1.53 0.00	64.30 1.94 0.00	80.15 2.48 0.00	73.58 2.07 0.00	55.16 1.76 0.00	45.87 1.42 0.00	40.23 1.13 0.00	38.41 1.04 0.00
DASHVILLE___HYD 23610	38.28 1.15 0.00	36.24 1.06 0.00	34.47 0.94 0.00	34.38 0.97 0.00	34.91 1.08 0.00	37.90 1.14 0.00	50.27 1.51 0.00	65.21 2.33 0.00	63.41 2.67 0.01	50.46 1.56 0.00	49.54 1.63 0.01	49.45 1.99 0.01	32.28 2.05 15.35	32.40 2.10 15.39	31.07 2.10 14.76	45.62 1.92 0.01	51.25 2.07 0.00	64.92 2.56 0.00	80.92 3.26 0.00	74.37 2.86 0.00	55.54 2.14 0.00	46.36 1.91 0.00	40.66 1.56 0.00	38.74 1.38 0.00
DELAWARE___LFGE 323621	37.87 0.74 0.00	35.92 0.74 0.00	34.27 0.74 0.00	34.15 0.74 0.00	34.61 0.78 0.00	37.53 0.77 0.00	49.88 1.12 0.00	64.52 1.64 0.00	62.26 1.52 0.00	50.02 1.12 0.00	48.97 1.05 0.00	48.51 1.04 0.00	46.59 1.00 0.00	46.69 1.01 0.00	44.69 0.96 0.00	44.71 1.01 0.00	50.36 1.18 0.00	63.98 1.62 0.00	79.76 2.10 0.00	73.51 2.00 0.00	54.79 1.39 0.00	45.64 1.20 0.00	40.03 0.94 0.00	38.26 0.90 0.00
DERFIELD_115KV_TB7 355931	37.20 0.07 0.00	35.26 0.07 0.00	33.60 0.07 0.00	33.48 0.07 0.00	33.90 0.07 0.00	36.83 0.07 0.00	49.08 0.15 -0.18	63.36 0.19 -0.29	61.16 0.24 -0.18	49.04 0.15 0.00	48.18 0.14 -0.12	47.73 0.14 -0.12	45.72 0.14 0.00	45.83 0.14 0.00	43.86 0.13 0.00	43.83 0.13 0.00	49.38 0.20 0.00	62.61 0.25 0.00	77.97 0.31 0.00	71.79 0.29 0.00	53.80 0.21 -0.18	44.62 0.18 0.00	39.21 0.12 0.00	37.47 0.11 0.00
DOGLEVILLE___HYD 23807	38.69 1.56 0.00	36.70 1.51 0.00	35.01 1.48 0.00	34.88 1.47 0.00	35.35 1.52 0.00	38.45 1.69 0.00	51.33 2.39 -0.18	66.26 3.08 -0.29	63.90 2.98 -0.18	51.24 2.35 0.00	50.34 2.30 -0.12	49.82 2.23 -0.12	47.68 2.10 0.00	47.75 2.06 0.00	45.56 1.84 0.00	45.54 1.84 0.00	51.20 2.02 0.00	64.92 2.56 0.00	80.92 3.26 0.00	74.51 3.00 0.00	55.77 2.19 -0.18	46.36 1.91 0.00	40.70 1.60 0.00	38.97 1.61 0.00
DUNKIRK___115KV_TB_200 55889	37.80 0.67 0.00	36.24 1.06 0.00	34.67 1.14 0.00	34.51 1.10 0.00	34.57 0.74 0.00	37.49 0.74 0.00	49.24 0.49 0.00	63.39 0.50 0.00	60.13 -0.61 0.00	49.63 0.73 0.00	47.34 -0.57 0.00	46.99 -0.47 0.00	45.04 -0.55 0.00	45.37 -0.32 0.00	43.29 -0.44 0.00	42.96 -0.74 0.00	48.25 -0.93 0.00	61.80 -0.56 0.00	77.35 -0.31 0.00	71.58 0.07 0.00	52.01 -1.39 0.00	43.33 -1.11 0.00	38.55 -0.55 0.00	37.66 0.30 0.00
DUNKIRK___1 23563	37.80 0.67 0.00	36.24 1.06 0.00	34.67 1.14 0.00	34.51 1.10 0.00	34.57 0.74 0.00	37.49 0.74 0.00	49.24 0.49 0.00	63.39 0.50 0.00	60.13 -0.61 0.00	49.63 0.73 0.00	47.34 -0.57 0.00	46.99 -0.47 0.00	45.04 -0.55 0.00	45.37 -0.32 0.00	43.29 -0.44 0.00	42.96 -0.74 0.00	48.25 -0.93 0.00	61.80 -0.56 0.00	77.35 -0.31 0.00	71.58 0.07 0.00	52.01 -1.39 0.00	43.33 -1.11 0.00	38.55 -0.55 0.00	37.66 0.30 0.00
DUNKIRK___2 23564	37.80 0.67 0.00	36.24 1.06 0.00	34.67 1.14 0.00	34.51 1.10 0.00	34.57 0.74 0.00	37.49 0.74 0.00	49.24 0.49 0.00	63.39 0.50 0.00	60.13 -0.61 0.00	49.63 0.73 0.00	47.34 -0.57 0.00	46.99 -0.47 0.00	45.04 -0.55 0.00	45.37 -0.32 0.00	43.29 -0.44 0.00	42.96 -0.74 0.00	48.25 -0.93 0.00	61.80 -0.56 0.00	77.35 -0.31 0.00	71.58 0.07 0.00	52.01 -1.39 0.00	43.33 -1.11 0.00	38.55 -0.55 0.00	37.66 0.30 0.00
DUNKIRK___3 23565	37.57 0.45 0.00	36.03 0.84 0.00	34.47 0.94 0.00	34.35 0.94 0.00	34.37 0.54 0.00	37.27 0.51 0.00	48.90 0.15 0.00	62.70 -0.19 0.00	59.58 -1.15 0.00	49.09 0.20 0.00	47.05 -0.86 0.00	46.70 -0.76 0.00	44.72 -0.87 0.00	45.10 -0.59 0.00	42.98 -0.74 0.00	42.70 -1.01 0.00	47.90 -1.28 0.00	61.36 -1.00 0.00	76.73 -0.93 0.00	71.08 -0.43 0.00	51.69 -1.71 0.00	43.07 -1.38 0.00	38.31 -0.78 0.00	37.47 0.11 0.00
DUNKIRK___4 23566	37.57 0.45 0.00	36.03 0.84 0.00	34.47 0.94 0.00	34.35 0.94 0.00	34.37 0.54 0.00	37.27 0.51 0.00	48.90 0.15 0.00	62.70 -0.19 0.00	59.58 -1.15 0.00	49.09 0.20 0.00	47.05 -0.86 0.00	46.70 -0.76 0.00	44.72 -0.87 0.00	45.10 -0.59 0.00	42.98 -0.74 0.00	42.70 -1.01 0.00	47.90 -1.28 0.00	61.36 -1.00 0.00	76.73 -0.93 0.00	71.08 -0.43 0.00	51.69 -1.71 0.00	43.07 -1.38 0.00	38.31 -0.78 0.00	37.47 0.11 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	38.43 1.30 0.00	36.38 1.20 0.00	34.64 1.11 0.00	34.58 1.17 0.00	35.08 1.25 0.00	38.12 1.36 0.00	50.32 1.56 0.00	65.46 2.58 0.00	63.41 2.67 0.00	51.04 2.15 0.00	50.31 2.40 0.00	50.03 2.56 0.00	48.05 2.46 0.00	48.16 2.47 0.00	46.22 2.49 0.00	46.11 2.40 0.00	51.88 2.70 0.00	65.54 3.18 0.00	81.62 3.96 0.00	75.01 3.50 0.00	56.12 2.72 0.00	46.76 2.31 0.00	40.97 1.88 0.00	39.01 1.64 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	38.43 1.30 0.00	36.38 1.20 0.00	34.60 1.07 0.00	34.55 1.14 0.00	35.05 1.22 0.00	38.04 1.29 0.00	50.46 1.71 0.00	65.53 2.64 0.00	63.29 2.55 0.00	50.85 1.96 0.00	49.93 2.01 0.00	49.69 2.23 0.00	45.76 2.10 1.92	45.86 2.10 1.93	43.98 2.10 1.85	45.84 2.14 0.00	51.64 2.46 0.00	65.48 3.12 0.00	81.70 4.04 0.00	75.08 3.58 0.00	56.02 2.62 0.00	46.67 2.22 0.00	40.89 1.80 0.00	38.93 1.57 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	39.02 1.89 0.00	36.85 1.65 -0.01	35.01 1.48 -0.01	34.96 1.54 -0.01	35.46 1.62 -0.01	38.38 1.62 0.00	49.93 1.17 0.00	65.15 2.26 0.00	63.23 2.49 0.00	50.85 1.96 0.00	50.22 2.30 0.00	49.98 2.52 0.00	48.14 2.55 0.00	48.25 2.56 0.00	46.35 2.62 0.00	46.15 2.45 0.00	51.84 2.66 0.00	65.54 3.18 0.00	81.47 3.81 0.00	74.87 3.36 0.00	55.91 2.51 0.00	46.71 2.27 0.00	41.09 1.99 0.00	39.42 2.05 0.00

E179THST_13_KV_LOAD 356214	39.17 2.04 0.00	36.99 1.79 -0.01	35.11 1.58 -0.01	35.06 1.64 -0.01	35.56 1.73 -0.01	38.52 1.76 0.00	50.12 1.37 0.00	65.46 2.58 0.00	63.47 2.73 0.00	51.09 2.20 0.00	50.46 2.54 0.00	50.22 2.75 0.00	48.37 2.78 0.00	48.48 2.79 0.00	46.53 2.80 0.00	46.37 2.67 0.00	52.08 2.90 0.00	65.85 3.49 0.00	81.93 4.27 0.00	75.22 3.72 0.00	56.18 2.78 0.00	46.93 2.49 0.00	41.28 2.19 0.00	39.57 2.20 0.00
EAST HAMPTON___GT 23717	37.61 0.48 0.00	35.19 0.00 0.00	33.73 0.20 0.00	33.78 0.37 0.00	34.27 0.44 0.00	37.97 1.21 0.00	47.88 -0.88 0.00	61.94 -0.94 0.00	60.07 -0.67 0.00	48.27 -0.58 0.04	49.31 1.39 0.00	48.56 1.09 0.00	46.54 0.96 0.00	46.33 0.64 0.00	44.65 0.92 0.00	44.71 1.01 0.00	49.37 0.20 0.01	60.93 -0.68 0.74	71.46 -0.93 5.27	70.92 -0.57 0.01	53.56 0.16 0.00	44.62 0.18 0.00	39.33 0.24 0.00	38.00 0.63 0.00
EAST RIVER___6 23660	38.80 1.67 0.00	36.73 1.55 0.00	34.94 1.41 0.00	34.88 1.47 0.00	35.32 1.49 0.00	38.41 1.66 0.00	50.71 1.95 0.00	66.09 3.21 0.00	64.08 3.34 0.00	51.58 2.69 0.00	50.89 2.97 0.00	50.60 3.13 0.00	48.69 3.10 0.00	48.80 3.11 0.00	46.88 3.15 0.00	46.76 3.06 0.00	52.53 3.35 0.00	66.36 3.99 0.00	82.56 4.90 0.00	75.79 4.29 0.00	56.66 3.26 0.00	47.25 2.80 0.00	41.36 2.27 0.00	39.34 1.98 0.00
EAST RIVER___7 23524	38.80 1.67 0.00	36.73 1.55 0.00	34.94 1.41 0.00	34.88 1.47 0.00	35.32 1.49 0.00	38.41 1.66 0.00	50.71 1.95 0.00	66.09 3.21 0.00	64.08 3.34 0.00	51.58 2.69 0.00	50.89 2.97 0.00	50.60 3.13 0.00	48.69 3.10 0.00	48.80 3.11 0.00	46.88 3.15 0.00	46.76 3.06 0.00	52.53 3.35 0.00	66.36 3.99 0.00	82.56 4.90 0.00	75.79 4.29 0.00	56.66 3.26 0.00	47.25 2.80 0.00	41.36 2.27 0.00	39.34 1.98 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	38.43 1.30 0.00	36.38 1.20 0.00	34.60 1.07 0.00	34.55 1.14 0.00	35.05 1.22 0.00	38.08 1.32 0.00	50.32 1.56 0.00	65.40 2.52 0.00	63.29 2.55 0.00	50.95 2.05 0.00	50.17 2.25 0.00	49.93 2.47 0.00	47.96 2.37 0.00	48.07 2.38 0.00	46.13 2.41 0.00	46.06 2.36 0.00	51.84 2.66 0.00	65.48 3.12 0.00	81.55 3.88 0.00	74.94 3.43 0.00	56.02 2.62 0.00	46.67 2.22 0.00	40.93 1.84 0.00	38.97 1.61 0.00
EAST_HAMPTON___DIESEL 23722	37.50 0.37 0.00	35.12 -0.07 0.00	33.67 0.13 0.00	33.71 0.30 0.00	34.20 0.37 0.00	37.86 1.10 0.00	47.73 -1.03 0.00	61.75 -1.13 0.00	59.89 -0.85 0.00	48.12 -0.73 0.04	49.16 1.24 0.00	48.41 0.95 0.00	46.41 0.82 0.00	46.24 0.55 0.00	44.51 0.79 0.00	44.62 0.92 0.00	49.22 0.05 0.01	60.75 -0.87 0.74	71.23 -1.16 5.27	70.71 -0.78 0.01	53.40 0.00 0.00	44.49 0.04 0.00	39.21 0.12 0.00	37.92 0.56 0.00
EAST_POINT___SOLAR 323840	38.50 1.37 0.00	36.42 1.23 0.00	34.74 1.21 0.00	34.65 1.24 0.00	35.19 1.35 0.00	38.37 1.62 0.00	51.63 2.88 0.00	66.72 3.84 0.00	63.59 2.86 0.00	50.21 1.32 0.00	48.73 0.81 0.00	47.75 0.29 0.00	45.59 0.00 0.00	45.87 0.18 0.00	44.12 0.39 0.00	44.40 0.70 0.00	50.36 1.18 0.00	64.73 2.37 0.00	81.31 3.65 0.00	74.65 3.14 0.00	55.75 2.35 0.00	46.31 1.87 0.00	40.46 1.37 0.00	38.59 1.23 0.00
EAST_PULASKI___ESR 323781	36.94 -0.18 0.00	34.98 -0.21 0.00	33.33 -0.20 0.00	33.18 -0.23 0.00	33.63 -0.20 0.00	36.58 -0.18 0.00	49.20 -0.19 -0.64	63.73 -0.19 -1.03	61.13 -0.24 -0.64	48.46 -0.44 -0.01	47.72 -0.62 -0.43	47.13 -0.76 -0.43	44.91 -0.68 -0.01	44.96 -0.73 0.00	42.94 -0.79 0.00	43.00 -0.70 0.00	48.44 -0.74 0.00	61.62 -0.75 0.00	77.20 -0.46 0.00	71.29 -0.21 0.00	53.67 -0.37 -0.65	44.14 -0.31 0.00	38.86 -0.23 0.00	37.21 -0.15 0.00
EAST_RIVER___1 323558	38.69 1.56 0.00	36.63 1.44 0.00	34.84 1.31 0.00	34.78 1.37 0.00	35.25 1.42 0.00	38.30 1.54 0.00	50.56 1.81 0.00	65.84 2.96 0.00	63.77 3.04 0.00	51.34 2.44 0.00	50.60 2.68 0.00	50.36 2.90 0.00	48.41 2.83 0.00	48.52 2.83 0.00	46.61 2.89 0.00	46.50 2.80 0.00	52.28 3.10 0.00	66.04 3.68 0.00	82.17 4.50 0.00	75.51 4.00 0.00	56.39 2.99 0.00	47.07 2.62 0.00	41.20 2.11 0.00	39.23 1.87 0.00
EAST_RIVER___2 323559	38.80 1.67 0.00	36.73 1.55 0.00	34.94 1.41 0.00	34.88 1.47 0.00	35.32 1.49 0.00	38.41 1.66 0.00	50.71 1.95 0.00	66.09 3.21 0.00	64.08 3.34 0.00	51.58 2.69 0.00	50.89 2.97 0.00	50.60 3.13 0.00	48.69 3.10 0.00	48.80 3.11 0.00	46.88 3.15 0.00	46.76 3.06 0.00	52.53 3.35 0.00	66.36 3.99 0.00	82.56 4.90 0.00	75.79 4.29 0.00	56.66 3.26 0.00	47.25 2.80 0.00	41.36 2.27 0.00	39.34 1.98 0.00
EAST___DELAWARE_HYD 23607	38.80 1.67 0.00	36.77 1.58 0.00	34.97 1.44 0.00	34.88 1.47 0.00	35.35 1.52 0.00	38.45 1.69 0.00	51.19 2.44 0.00	66.40 3.52 0.00	64.07 3.34 0.00	51.29 2.40 0.00	50.21 2.30 0.00	49.88 2.42 0.00	42.80 2.28 5.07	42.90 2.28 5.08	41.13 2.27 4.87	46.06 2.36 0.00	51.98 2.80 0.00	66.17 3.80 0.00	82.71 5.05 0.00	76.09 4.58 0.00	56.66 3.26 0.00	47.20 2.76 0.00	41.24 2.15 0.00	39.30 1.94 0.00
EIGHT_POINT___WT_PWR 323820	37.83 0.70 0.00	36.14 0.95 0.00	34.50 0.97 0.00	34.31 0.90 0.00	34.68 0.85 0.00	37.45 0.70 0.00	49.53 0.78 0.00	63.58 0.69 0.00	60.32 -0.42 0.00	48.89 0.00 0.00	47.15 -0.77 0.00	46.66 -0.81 0.00	44.72 -0.87 0.00	44.96 -0.73 0.00	42.90 -0.83 0.00	42.65 -1.05 0.00	48.10 -1.08 0.00	61.93 -0.43 0.00	77.97 0.31 0.00	72.01 0.50 0.00	52.81 -0.59 0.00	43.65 -0.80 0.00	38.51 -0.59 0.00	37.25 -0.11 0.00
ELBRIDGE_115KV_TB2 80188	36.79 -0.33 0.00	34.87 -0.32 0.00	33.23 -0.30 0.00	33.11 -0.30 0.00	33.46 -0.37 0.00	36.39 -0.37 0.00	48.59 -0.34 -0.17	62.72 -0.44 -0.28	60.30 -0.61 -0.17	48.41 -0.49 0.00	47.46 -0.57 -0.11	46.96 -0.62 -0.11	44.95 -0.64 0.00	45.10 -0.59 0.00	43.07 -0.66 0.00	43.05 -0.66 0.00	48.54 -0.64 0.00	61.80 -0.56 0.00	77.20 -0.47 0.00	71.15 -0.36 0.00	53.09 -0.48 -0.17	43.96 -0.49 0.00	38.70 -0.39 0.00	37.06 -0.30 0.00
ELEC_TRO_TEK 24086	38.24 1.11 0.00	36.03 0.84 0.00	34.50 0.97 0.00	34.61 1.20 0.00	35.22 1.39 0.00	38.60 1.84 0.00	49.97 1.22 0.00	64.83 1.95 0.00	62.86 2.13 0.00	50.65 1.76 0.00	50.60 2.68 0.00	50.12 2.66 0.00	48.05 2.46 0.00	47.97 2.28 0.00	46.13 2.41 0.00	46.11 2.40 0.00	51.59 2.41 0.00	64.45 2.31 0.22	79.00 2.87 1.53	74.00 2.50 0.01	55.75 2.35 0.00	46.40 1.96 0.00	40.70 1.60 0.00	38.74 1.38 0.00
ELLENBURG_WT_PWR 323604	37.72 0.59 0.00	35.78 0.60 0.00	34.10 0.57 0.00	33.94 0.53 0.00	34.37 0.54 0.00	37.38 0.62 0.00	49.14 0.39 0.00	63.01 0.13 0.00	60.86 0.12 0.00	48.99 0.10 0.00	48.06 0.14 0.00	47.61 0.14 0.00	45.86 0.28 0.00	45.92 0.23 0.00	43.86 0.13 0.00	43.83 0.13 0.00	49.13 -0.05 0.00	62.24 -0.12 0.00	77.28 -0.39 0.00	71.15 -0.36 0.00	53.08 -0.32 0.00	44.14 -0.31 0.00	39.13 0.04 0.00	37.29 -0.07 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	37.35 0.22 0.00	35.82 0.63 0.00	34.30 0.77 0.00	34.15 0.74 0.00	34.17 0.34 0.00	36.98 0.22 0.00	48.32 -0.44 0.00	61.63 -1.26 0.00	58.67 -2.07 0.00	48.40 -0.49 0.00	46.57 -1.34 0.00	46.13 -1.33 0.00	44.26 -1.32 0.00	44.59 -1.10 0.00	42.50 -1.22 0.00	42.22 -1.49 0.00	47.31 -1.87 0.00	60.43 -1.93 0.00	75.41 -2.25 0.00	69.79 -1.72 0.00	50.84 -2.56 0.00	42.49 -1.96 0.00	37.88 -1.21 0.00	37.21 -0.15 0.00
EMPIRE_CC_1 323656	37.65 0.52 0.00	35.64 0.46 0.00	33.87 0.34 0.00	33.78 0.37 0.00	34.20 0.37 0.00	37.23 0.48 0.00	49.39 0.63 0.00	63.76 0.88 0.00	61.89 1.15 0.00	49.87 0.98 0.00	48.97 1.05 0.00	48.51 1.04 0.00	46.68 1.09 0.00	46.78 1.09 0.00	44.86 1.14 0.00	44.84 1.13 0.00	50.41 1.23 0.00	63.67 1.31 0.00	79.13 1.47 0.00	72.79 1.29 0.00	54.63 1.23 0.00	45.56 1.11 0.00	39.99 0.90 0.00	38.18 0.82 0.00
EMPIRE_CC_2 323658	37.65 0.52 0.00	35.64 0.46 0.00	33.87 0.34 0.00	33.78 0.37 0.00	34.20 0.37 0.00	37.23 0.48 0.00	49.39 0.63 0.00	63.76 0.88 0.00	61.89 1.15 0.00	49.87 0.98 0.00	48.97 1.05 0.00	48.51 1.04 0.00	46.68 1.09 0.00	46.78 1.09 0.00	44.86 1.14 0.00	44.84 1.13 0.00	50.41 1.23 0.00	63.67 1.31 0.00	79.13 1.47 0.00	72.79 1.29 0.00	54.63 1.23 0.00	45.56 1.11 0.00	39.99 0.90 0.00	38.18 0.82 0.00
ENORWICH_115KV_TB1 80156	39.06 1.93 0.00	37.09 1.90 0.00	35.37 1.84 0.00	35.15 1.74 0.00	35.62 1.79 0.00	38.82 2.06 0.00	52.27 3.51 0.00	67.73 4.84 0.00	64.93 4.19 0.00	51.58 2.69 0.00	50.02 2.11 0.00	49.17 1.71 0.00	47.23 1.64 0.00	47.29 1.60 0.00	45.00 1.27 0.00	45.14 1.44 0.00	51.25 2.07 0.00	65.92 3.55 0.00	83.02 5.36 0.00	76.94 5.43 0.00	56.82 3.42 0.00	47.11 2.67 0.00	41.09 1.99 0.00	39.49 2.13 0.00
ERIE_ST__34_KV_TB1-2 80199	37.31 0.19 0.00	35.75 0.56 0.00	34.23 0.70 0.00	34.11 0.70 0.00	34.14 0.30 0.00	37.02 0.26 0.00	48.61 -0.15 0.00	61.94 -0.94 0.00	58.86 -1.88 0.00	48.55 -0.34 0.00	46.81 -1.10 0.00	46.47 -1.09 0.00	44.49 -1.09 0.00	44.87 -0.82 0.00	42.77 -0.96 0.00	42.43 -1.27 0.00	47.65 -1.52 0.00	61.05 -1.31 0.00	76.26 -1.40 0.00	70.58 -0.93 0.00	51.32 -2.08 0.00	42.80 -1.64 0.00	38.12 -0.98 0.00	37.25 -0.11 0.00
ERIE_WT_PWR 323693	37.46 0.33 0.00	35.93 0.74 0.00	34.44 0.91 0.00	34.25 0.84 0.00	34.57 0.74 0.00	37.16 0.41 0.00	48.51 -0.24 0.00	62.07 -0.82 0.00	59.04 -1.70 0.00	48.70 -0.19 0.00	46.82 -1.10 0.00	46.37 -1.09 0.00	44.49 -1.09 0.00	44.82 -0.87 0.00	42.72 -1.00 0.00	42.43 -1.27 0.00	47.56 -1.62 0.00	60.86 -1.50 0.00	76.03 -1.63 0.00	70.29 -1.22 0.00	51.53 -1.87 0.00	42.85 -1.60 0.00	38.20 -0.90 0.00	37.32 -0.04 0.00
ESPRGFLD_115KV_TB1 80157	37.94 0.82 0.00	35.92 0.74 0.00	34.30 0.77 0.00	34.15 0.74 0.00	34.68 0.85 0.00	37.71 0.96 0.00	50.51 1.76 0.00	65.34 2.45 0.00	62.62 1.88 0.00	49.87 0.98 0.00	48.64 0.72 0.00	47.94 0.47 0.00	45.95 0.36 0.00	46.10 0.41 0.00	44.12 0.39 0.00	44.23 0.52 0.00	50.02 0.84 0.00	63.98 1.62 0.00	80.15 2.49 0.00	73.79 2.29 0.00	54.89 1.50 0.00	45.69 1.24 0.00	39.96 0.86 0.00	38.18 0.82 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	37.68 0.56 0.00	35.75 0.56 0.00	34.07 0.54 0.00	33.95 0.53 0.00	34.34 0.51 0.00	37.35 0.59 0.00	49.83 1.07 0.00	64.33 1.45 0.00	61.71 0.97 0.00	49.58 0.68 0.00	48.30 0.38 0.00	47.75 0.28 0.00	45.81 0.23 0.00	45.96 0.27 0.00	43.90 0.17 0.00	43.92 0.22 0.00	49.62 0.44 0.00	63.42 1.06 0.00	79.53 1.86 0.00	73.36 1.86 0.00	54.41 1.01 0.00	45.16 0.71 0.00	39.64 0.55 0.00	38.00 0.64 0.00
ETNA____115KV_TB2 80207	37.68 0.56 0.00	35.75 0.56 0.00	34.07 0.54 0.00	33.95 0.53 0.00	34.34 0.51 0.00	37.35 0.59 0.00	49.83 1.07 0.00	64.33 1.45 0.00	61.71 0.97 0.00	49.58 0.68 0.00	48.30 0.38 0.00	47.75 0.28 0.00	45.81 0.23 0.00	45.96 0.27 0.00	43.90 0.17 0.00	43.92 0.22 0.00	49.62 0.44 0.00	63.42 1.06 0.00	79.53 1.86 0.00	73.36 1.86 0.00	54.41 1.01 0.00	45.16 0.71 0.00	39.64 0.55 0.00	38.00 0.64 0.00
EUCLID__115KV_TB2 356179	36.61 -0.52 0.00	34.69 -0.49 0.00	33.06 -0.47 0.00	32.94 -0.47 0.00	33.32 -0.51 0.00	36.24 -0.51 0.00	48.35 -0.63 -0.22	62.43 -0.82 -0.36	60.05 -0.91 -0.22	48.21 -0.68 0.00	47.30 -0.77 -0.15	46.80 -0.81 -0.15	44.77 -0.82 0.00	44.91 -0.78 0.00	42.94 -0.79 0.00	42.92 -0.79 0.00	48.29 -0.89 0.00	61.43 -0.94 0.00	76.65 -1.01 0.00	70.65 -0.86 0.00	52.76 -0.85 -0.22	43.73 -0.71 0.00	38.51 -0.59 0.00	36.88 -0.49 0.00
E_CANADA_CAP_HY 24051	37.87 0.74 0.00	35.85 0.67 0.00	34.20 0.67 0.00	34.11 0.70 0.00	34.61 0.78 0.00	37.71 0.95 0.00	50.66 1.90 0.00	65.46 2.58 0.00	62.50 1.76 0.00	49.53 0.63 0.00	48.21 0.29 0.00	47.37 -0.09 0.00	45.31 -0.27 0.00	45.51 -0.18 0.00	43.68 -0.04 0.00	43.88 0.18 0.00	49.62 0.44 0.00	63.61 1.25 0.00	79.83 2.17 0.00	73.29 1.79 0.00	54.74 1.34 0.00	45.60 1.15 0.00	39.88 0.78 0.00	38.04 0.67 0.00
E_CANADA_MHWK_HY 24050	38.69 1.56 0.00	36.70 1.51 0.00	35.00 1.47 0.00	34.88 1.47 0.00	35.35 1.52 0.00	38.45 1.69 0.00	51.33 2.39 -0.18	66.26 3.08 -0.29	63.90 2.98 -0.18	51.24 2.35 0.00	50.34 2.30 -0.12	49.82 2.23 -0.12	47.69 2.10 0.00	47.75 2.06 0.00	45.56 1.84 0.00	45.54 1.84 0.00	51.20 2.02 0.00	64.92 2.56 0.00	80.92 3.26 0.00	74.51 3.00 0.00	55.78 2.19 -0.19	46.35 1.91 0.00	40.70 1.60 0.00	38.97 1.61 0.00
E_FISHKILL__LBMP 23776	38.13 1.00 0.00	36.10 0.91 0.00	34.34 0.80 0.00	34.28 0.87 0.00	34.78 0.95 0.00	37.79 1.03 0.00	49.93 1.17 0.00	64.77 1.89 0.00	62.74 2.00 0.00	50.51 1.61 0.00	49.69 1.77 0.00	49.41 1.95 0.00	47.50 1.91 0.00	47.61 1.92 0.00	45.65 1.92 0.00	45.63 1.92 0.00	51.29 2.11 0.00	64.73 2.37 0.00	80.61 2.95 0.00	74.08 2.57 0.00	55.48 2.08 0.00	46.27 1.82 0.00	40.62 1.52 0.00	38.67 1.31 0.00
FALCON__SEABRD_CC1 323796	38.46 1.33 0.00	36.52 1.34 0.00	34.80 1.27 0.00	34.65 1.24 0.00	35.12 1.29 0.00	38.12 1.36 0.00	49.20 0.25 -0.20	62.39 -0.82 -0.32	60.21 -0.73 -0.20	48.31 -0.58 0.00	47.57 -0.48 -0.14	47.08 -0.52 -0.14	45.68 0.09 0.00	45.69 0.00 0.00	43.51 -0.22 0.00	43.48 -0.22 0.00	48.30 -0.88 0.00	61.24 -1.12 0.00	75.72 -1.94 0.00	69.93 -1.57 0.00	52.21 -1.39 -0.20	43.47 -0.98 0.00	39.25 0.16 0.00	37.32 -0.04 0.00
FALCON__SEABRD_CC2 323797	38.46 1.33 0.00	36.52 1.34 0.00	34.80 1.27 0.00	34.65 1.24 0.00	35.12 1.29 0.00	38.12 1.36 0.00	49.20 0.25 -0.20	62.39 -0.82 -0.32	60.21 -0.73 -0.20	48.31 -0.58 0.00	47.57 -0.48 -0.14	47.08 -0.52 -0.14	45.68 0.09 0.00	45.69 0.00 0.00	43.51 -0.22 0.00	43.48 -0.22 0.00	48.30 -0.88 0.00	61.24 -1.12 0.00	75.72 -1.94 0.00	69.93 -1.57 0.00	52.21 -1.39 -0.20	43.47 -0.98 0.00	39.25 0.16 0.00	37.32 -0.04 0.00

FAR ROCKAWAY___4 23548	38.65 1.52 0.00	36.38 1.20 0.00	34.84 1.31 0.00	34.95 1.54 0.00	35.56 1.73 0.00	39.00 2.24 0.00	50.51 1.76 0.00	65.53 2.64 0.00	63.47 2.73 0.00	51.14 2.25 0.00	51.22 3.31 0.00	50.69 3.23 0.00	48.64 3.05 0.00	48.52 2.83 0.00	46.70 2.97 0.00	46.67 2.97 0.00	52.23 3.05 0.00	65.41 3.18 0.13	80.75 3.96 0.87	75.00 3.50 0.01	56.50 3.10 0.00	46.93 2.49 0.00	41.13 2.03 0.00	39.16 1.79 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	38.69 1.56 0.00	36.63 1.44 0.00	34.84 1.31 0.00	34.78 1.37 0.00	35.29 1.45 0.00	38.30 1.54 0.00	50.46 1.71 0.00	65.78 2.89 0.00	63.78 3.04 0.00	51.29 2.40 0.00	50.60 2.68 0.00	50.31 2.85 0.00	48.41 2.83 0.00	48.52 2.83 0.00	46.57 2.84 0.00	46.46 2.75 0.00	52.28 3.10 0.00	65.98 3.62 0.00	82.17 4.50 0.00	75.44 3.93 0.00	56.39 2.99 0.00	46.98 2.53 0.00	41.25 2.15 0.00	39.23 1.87 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	38.69 1.56 0.00	36.63 1.44 0.00	34.84 1.31 0.00	34.78 1.37 0.00	35.29 1.45 0.00	38.30 1.54 0.00	50.46 1.71 0.00	65.78 2.89 0.00	63.78 3.04 0.00	51.29 2.40 0.00	50.60 2.68 0.00	50.31 2.85 0.00	48.41 2.83 0.00	48.52 2.83 0.00	46.57 2.84 0.00	46.46 2.75 0.00	52.28 3.10 0.00	65.98 3.62 0.00	82.17 4.50 0.00	75.44 3.93 0.00	56.39 2.99 0.00	47.02 2.58 0.00	41.25 2.15 0.00	39.23 1.87 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	38.69 1.56 0.00	36.63 1.44 0.00	34.84 1.31 0.00	34.78 1.37 0.00	35.29 1.45 0.00	38.30 1.54 0.00	50.46 1.71 0.00	65.78 2.89 0.00	63.71 2.98 0.00	51.29 2.40 0.00	50.55 2.64 0.00	50.31 2.85 0.00	48.37 2.78 0.00	48.48 2.79 0.00	46.57 2.84 0.00	46.41 2.71 0.00	52.23 3.05 0.00	65.92 3.55 0.00	82.09 4.43 0.00	75.44 3.93 0.00	56.34 2.94 0.00	46.98 2.53 0.00	41.21 2.11 0.00	39.23 1.87 0.00
FARRAGUT___LBMP 323566	38.65 1.52 0.00	36.59 1.41 0.00	34.80 1.27 0.00	34.75 1.34 0.00	35.25 1.42 0.00	38.26 1.51 0.00	50.41 1.66 0.00	65.71 2.83 0.00	63.71 2.98 0.00	51.24 2.35 0.00	50.50 2.59 0.00	50.26 2.80 0.00	48.32 2.74 0.00	48.43 2.74 0.00	46.53 2.80 0.00	46.37 2.67 0.00	52.18 3.00 0.00	65.85 3.49 0.00	82.01 4.35 0.00	75.37 3.86 0.00	56.34 2.94 0.00	46.93 2.49 0.00	41.17 2.07 0.00	39.19 1.83 0.00
FENNER___WINDPWR 24204	37.68 0.56 0.00	35.75 0.56 0.00	34.07 0.53 0.00	33.91 0.50 0.00	34.37 0.54 0.00	37.38 0.62 0.00	50.19 1.12 -0.32	65.02 1.63 -0.51	62.46 1.40 -0.32	49.78 0.88 0.00	48.85 0.72 -0.22	48.25 0.57 -0.22	46.14 0.55 0.00	46.24 0.55 0.00	44.16 0.44 0.00	44.18 0.48 0.00	49.87 0.69 0.00	63.54 1.18 0.00	79.52 1.86 0.00	73.36 1.86 0.00	54.90 1.17 -0.33	45.33 0.89 0.00	39.72 0.62 0.00	38.04 0.67 0.00
FIBERTEK___ENERGY 23856	36.94 -0.19 0.00	35.01 -0.18 0.00	33.33 -0.20 0.00	33.21 -0.20 0.00	33.59 -0.24 0.00	36.54 -0.22 0.00	48.85 -0.10 -0.19	63.07 -0.13 -0.31	60.62 -0.30 -0.19	48.65 -0.24 0.00	47.71 -0.34 -0.13	47.16 -0.43 -0.13	45.18 -0.41 0.00	45.28 -0.41 0.00	43.29 -0.44 0.00	43.27 -0.44 0.00	48.74 -0.44 0.00	62.05 -0.31 0.00	77.58 -0.08 0.00	71.50 0.00 0.00	53.32 -0.27 -0.19	44.18 -0.27 0.00	38.90 -0.20 0.00	37.21 -0.15 0.00
FITZPATRICK___ 23598	36.13 -1.00 0.00	34.24 -0.95 0.00	32.63 -0.90 0.00	32.48 -0.94 0.00	32.88 -0.95 0.00	35.73 -1.03 0.00	47.44 -1.31 0.00	61.19 -1.69 0.00	58.97 -1.76 0.00	47.52 -1.37 0.00	46.48 -1.44 0.00	45.99 -1.47 0.00	44.17 -1.41 0.00	44.32 -1.37 0.00	42.37 -1.36 0.00	42.35 -1.36 0.00	47.65 -1.52 0.00	60.55 -1.81 0.00	75.57 -2.09 0.00	69.58 -1.93 0.00	51.85 -1.55 0.00	43.15 -1.29 0.00	37.96 -1.14 0.00	36.35 -1.01 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	38.54 1.41 0.00	36.49 1.30 0.00	34.70 1.17 0.00	34.61 1.20 0.00	35.12 1.29 0.00	38.15 1.40 0.00	50.61 1.85 0.00	65.78 2.89 0.00	63.59 2.85 0.00	51.04 2.15 0.00	50.07 2.16 0.00	49.79 2.33 0.00	46.17 2.19 1.60	46.28 2.19 1.61	44.37 2.19 1.54	45.93 2.23 0.00	51.79 2.61 0.00	65.61 3.24 0.00	81.86 4.19 0.00	75.15 3.65 0.00	56.12 2.72 0.00	46.76 2.31 0.00	41.01 1.92 0.00	39.04 1.68 0.00
FORT ORANGE___ 23900	37.05 -0.07 0.00	35.08 -0.11 0.00	33.46 -0.07 0.00	33.38 -0.03 0.00	33.73 -0.10 0.00	36.61 -0.15 0.00	48.61 -0.15 0.00	62.70 -0.19 0.00	60.80 0.06 0.00	48.89 0.00 0.00	48.01 0.10 0.00	47.56 0.10 0.00	45.72 0.14 0.00	45.92 0.23 0.00	44.04 0.31 0.00	43.97 0.26 0.00	49.57 0.39 0.00	62.80 0.44 0.00	78.21 0.55 0.00	71.86 0.36 0.00	53.88 0.48 0.00	44.84 0.40 0.00	39.41 0.31 0.00	37.63 0.26 0.00
FORT_DRUM_COGEN 23780	38.24 1.11 0.00	36.28 1.09 0.00	34.57 1.04 0.00	34.28 0.87 0.00	34.81 0.98 0.00	38.01 1.25 0.00	53.11 2.29 -2.06	69.53 3.33 -3.31	65.77 2.98 -2.06	50.43 1.52 -0.02	50.45 1.15 -1.39	49.61 0.76 -1.39	46.43 0.82 -0.02	46.38 0.69 0.00	44.16 0.44 0.00	44.36 0.66 0.00	50.11 0.93 0.00	64.11 1.75 0.00	80.77 3.11 0.00	74.94 3.43 0.00	57.69 2.24 -2.05	46.09 1.64 0.00	40.19 1.09 0.00	38.48 1.12 0.00
FOX_HILLS___ESR 323835	38.76 1.63 0.00	36.81 1.62 -0.01	35.11 1.58 -0.01	35.06 1.64 -0.01	35.56 1.73 -0.01	38.19 1.43 0.00	49.78 1.02 0.00	65.09 2.20 0.00	63.11 2.37 0.00	50.75 1.86 0.00	50.07 2.16 0.00	49.84 2.37 0.00	48.05 2.46 0.00	48.20 2.51 0.00	46.26 2.54 0.00	46.15 2.45 0.00	51.88 2.70 0.00	65.79 3.43 0.00	81.86 4.19 0.00	75.15 3.65 0.00	56.02 2.62 0.00	46.89 2.44 0.00	41.13 2.03 0.00	39.38 2.02 0.00
FPL_FAR_ROCK_GT1 24212	38.65 1.52 0.00	36.38 1.20 0.00	34.87 1.34 0.00	34.95 1.54 0.00	35.42 1.59 0.00	38.96 2.21 0.00	50.56 1.81 0.00	65.53 2.64 0.00	63.47 2.74 0.00	51.14 2.25 0.00	51.22 3.30 0.00	50.69 3.23 0.00	48.64 3.05 0.00	48.52 2.83 0.00	46.70 2.97 0.00	46.68 2.97 0.00	52.18 3.00 0.00	65.41 3.18 0.13	80.75 3.96 0.87	75.00 3.50 0.01	56.44 3.04 0.00	46.98 2.53 0.00	41.05 1.95 0.00	39.08 1.72 0.00
FPL_FAR_ROCK_GT2 23815	38.65 1.52 0.00	36.38 1.20 0.00	34.87 1.34 0.00	34.95 1.54 0.00	35.42 1.59 0.00	38.96 2.21 0.00	50.56 1.81 0.00	65.53 2.64 0.00	63.47 2.74 0.00	51.14 2.25 0.00	51.22 3.30 0.00	50.69 3.23 0.00	48.64 3.05 0.00	48.52 2.83 0.00	46.70 2.97 0.00	46.68 2.97 0.00	52.18 3.00 0.00	65.41 3.18 0.13	80.75 3.96 0.87	75.00 3.50 0.01	56.44 3.04 0.00	46.98 2.53 0.00	41.05 1.95 0.00	39.08 1.72 0.00
FRANKLIN_FALL_HYD 24054	38.24 1.11 0.00	36.28 1.09 0.00	34.57 1.04 0.00	34.38 0.97 0.00	34.81 0.98 0.00	37.86 1.10 0.00	52.88 1.56 -2.57	68.78 1.76 -4.13	64.94 1.64 -2.56	50.19 1.27 -0.03	50.94 1.29 -1.73	50.43 1.23 -1.73	46.89 1.28 -0.03	46.83 1.14 0.00	44.60 0.87 0.00	44.62 0.92 0.00	50.06 0.89 0.00	63.42 1.06 0.00	78.67 1.01 0.00	72.86 1.36 0.00	57.13 1.17 -2.56	45.33 0.89 0.00	39.96 0.86 0.00	38.00 0.64 0.00

FREEMONT___GT1 23764	38.35 1.22 0.00	36.14 0.95 0.00	34.60 1.07 0.00	34.71 1.30 0.00	35.19 1.35 0.00	38.70 1.95 0.00	50.07 1.32 0.00	64.90 2.01 0.00	62.92 2.18 0.00	50.65 1.76 0.00	50.74 2.83 0.00	50.22 2.75 0.00	48.14 2.55 0.00	48.02 2.33 0.00	46.22 2.49 0.00	46.24 2.53 0.00	51.68 2.51 0.01	64.35 2.50 0.51	77.15 3.11 3.63	74.28 2.79 0.01	55.91 2.51 0.00	46.53 2.09 0.00	40.66 1.57 0.00	38.75 1.38 0.00
FREEPORT___CT2 23818	38.35 1.22 0.00	36.14 0.95 0.00	34.60 1.07 0.00	34.71 1.30 0.00	35.19 1.35 0.00	38.70 1.95 0.00	50.07 1.32 0.00	64.90 2.01 0.00	62.92 2.18 0.00	50.65 1.76 0.00	50.74 2.83 0.00	50.22 2.75 0.00	48.14 2.55 0.00	48.02 2.33 0.00	46.22 2.49 0.00	46.24 2.53 0.00	51.68 2.51 0.01	64.35 2.50 0.51	77.15 3.11 3.63	74.28 2.79 0.01	55.91 2.51 0.00	46.53 2.09 0.00	40.66 1.57 0.00	38.75 1.38 0.00
FRESHKLS_33_KV_LOAD 356253	38.76 1.63 0.00	36.88 1.69 -0.01	35.18 1.64 -0.01	35.12 1.70 -0.01	35.63 1.79 -0.01	38.19 1.43 0.00	49.68 0.93 0.00	64.96 2.08 0.00	62.92 2.19 0.00	50.60 1.71 0.00	49.88 1.96 0.00	49.69 2.23 0.00	47.91 2.32 0.00	48.07 2.38 0.00	46.18 2.45 0.00	46.06 2.36 0.00	51.84 2.66 0.00	65.79 3.43 0.00	81.86 4.19 0.00	75.15 3.65 0.00	55.96 2.56 0.00	46.84 2.40 0.00	41.09 1.99 0.00	39.42 2.05 0.00
FULTON COGEN____ 23766	36.53 -0.59 0.00	34.62 -0.56 0.00	32.99 -0.54 0.00	32.88 -0.53 0.00	33.26 -0.58 0.00	36.17 -0.59 0.00	48.28 -0.73 -0.26	62.42 -0.88 -0.41	59.96 -1.03 -0.25	48.06 -0.83 0.00	47.18 -0.91 -0.17	46.69 -0.95 -0.17	44.63 -0.96 0.00	44.78 -0.91 0.00	42.81 -0.92 0.00	42.78 -0.92 0.00	48.15 -1.03 0.00	61.30 -1.06 0.00	76.58 -1.09 0.00	70.58 -0.93 0.00	52.74 -0.91 -0.25	43.69 -0.76 0.00	38.47 -0.63 0.00	36.84 -0.52 0.00
FULTON___LFGE 323630	38.31 1.19 0.00	36.28 1.09 0.00	34.57 1.04 0.00	34.51 1.10 0.00	35.01 1.18 0.00	38.15 1.40 0.00	51.24 2.49 0.00	66.15 3.27 0.00	63.23 2.49 0.00	50.12 1.22 0.00	48.73 0.81 0.00	47.84 0.38 0.00	45.68 0.09 0.00	45.92 0.23 0.00	44.08 0.35 0.00	44.31 0.61 0.00	50.26 1.08 0.00	64.48 2.12 0.00	80.85 3.19 0.00	74.22 2.72 0.00	55.43 2.03 0.00	46.09 1.65 0.00	40.31 1.21 0.00	38.48 1.12 0.00
G.F.CEMENT___DRP 24184	38.20 1.08 0.00	36.17 0.99 0.00	34.44 0.91 0.00	34.35 0.94 0.00	34.85 1.01 0.00	37.86 1.10 0.00	50.71 1.95 0.00	65.46 2.58 0.00	63.17 2.43 0.00	50.51 1.61 0.00	49.55 1.63 0.00	48.84 1.38 0.00	46.68 1.09 0.00	46.88 1.19 0.00	44.86 1.14 0.00	44.84 1.14 0.00	50.65 1.48 0.00	64.42 2.06 0.00	80.38 2.72 0.00	73.72 2.22 0.00	55.27 1.87 0.00	45.82 1.38 0.00	40.19 1.09 0.00	38.37 1.01 0.00
GARDENVILLE___LBMP 24039	37.39 0.26 0.00	35.82 0.63 0.00	34.30 0.77 0.00	34.18 0.77 0.00	34.20 0.37 0.00	37.02 0.26 0.00	48.46 -0.29 0.00	61.88 -1.01 0.00	58.79 -1.94 0.00	48.45 -0.44 0.00	46.57 -1.34 0.00	46.18 -1.28 0.00	44.31 -1.28 0.00	44.64 -1.05 0.00	42.55 -1.18 0.00	42.22 -1.49 0.00	47.36 -1.82 0.00	60.62 -1.75 0.00	75.80 -1.86 0.00	70.07 -1.43 0.00	51.05 -2.35 0.00	42.58 -1.87 0.00	37.96 -1.13 0.00	37.21 -0.15 0.00
GARDNVLA_35_KV_LD 355827	37.54 0.41 0.00	36.00 0.81 0.00	34.47 0.94 0.00	34.31 0.90 0.00	34.34 0.51 0.00	37.24 0.48 0.00	48.76 0.00 0.00	62.26 -0.63 0.00	59.22 -1.52 0.00	48.84 -0.05 0.00	47.01 -0.91 0.00	46.56 -0.90 0.00	44.67 -0.91 0.00	45.00 -0.69 0.00	42.90 -0.83 0.00	42.61 -1.09 0.00	47.75 -1.43 0.00	61.11 -1.25 0.00	76.26 -1.40 0.00	70.58 -0.93 0.00	51.37 -2.03 0.00	42.89 -1.56 0.00	38.23 -0.86 0.00	37.44 0.07 0.00
GELCKHM___115KV_LOAD 80723	36.76 -0.37 0.00	34.80 -0.39 0.00	33.16 -0.37 0.00	33.04 -0.37 0.00	33.42 -0.41 0.00	36.35 -0.40 0.00	48.53 -0.44 -0.21	62.72 -0.50 -0.34	60.28 -0.67 -0.21	48.41 -0.49 0.00	47.43 -0.62 -0.14	46.94 -0.66 -0.14	44.95 -0.64 0.00	45.05 -0.64 0.00	43.07 -0.66 0.00	43.05 -0.66 0.00	48.49 -0.69 0.00	61.68 -0.69 0.00	77.04 -0.62 0.00	71.00 -0.50 0.00	53.02 -0.59 -0.21	43.91 -0.53 0.00	38.66 -0.43 0.00	37.03 -0.34 0.00
GENERAL___MILLS 23808	37.46 0.33 0.00	35.89 0.70 0.00	34.37 0.84 0.00	34.25 0.84 0.00	34.27 0.44 0.00	37.13 0.37 0.00	48.56 -0.20 0.00	62.00 -0.88 0.00	58.98 -1.76 0.00	48.65 -0.24 0.00	46.77 -1.15 0.00	46.37 -1.09 0.00	44.49 -1.09 0.00	44.82 -0.87 0.00	42.72 -1.01 0.00	42.39 -1.31 0.00	47.56 -1.62 0.00	60.80 -1.56 0.00	75.95 -1.71 0.00	70.22 -1.29 0.00	51.16 -2.24 0.00	42.71 -1.73 0.00	38.08 -1.02 0.00	37.32 -0.04 0.00
GE_PLASTICS___DRP 24183	36.79 -0.33 0.00	34.87 -0.32 0.00	33.23 -0.30 0.00	33.14 -0.27 0.00	33.56 -0.27 0.00	36.46 -0.29 0.00	48.37 -0.39 0.00	62.32 -0.57 0.00	60.40 -0.30 0.03	48.65 -0.24 0.00	47.74 -0.14 0.03	47.33 -0.09 0.03	-53.77 -0.05 99.31	-53.85 0.00 99.54	-51.64 0.09 95.46	43.71 0.04 0.03	49.23 0.05 0.00	62.24 -0.12 0.00	77.43 -0.23 0.00	71.22 -0.29 0.00	53.40 0.00 0.00	44.49 0.04 0.00	39.13 0.04 0.00	37.32 -0.04 0.00
GILBOA___1 23756	37.61 0.48 0.00	35.64 0.46 0.00	34.03 0.50 0.00	33.94 0.53 0.00	34.37 0.54 0.00	37.23 0.48 0.00	49.39 0.63 0.00	63.64 0.76 0.00	61.59 0.85 0.00	49.58 0.68 0.00	48.78 0.86 0.00	48.36 0.90 0.00	46.45 0.86 0.00	46.60 0.91 0.00	44.65 0.92 0.00	44.62 0.92 0.00	50.21 1.03 0.00	63.42 1.06 0.00	78.75 1.09 0.00	72.43 0.93 0.00	54.31 0.91 0.00	45.38 0.93 0.00	39.84 0.74 0.00	38.04 0.67 0.00
GILBOA___2 23757	37.61 0.48 0.00	35.64 0.46 0.00	34.03 0.50 0.00	33.94 0.53 0.00	34.37 0.54 0.00	37.23 0.48 0.00	49.39 0.63 0.00	63.64 0.76 0.00	61.59 0.85 0.00	49.58 0.68 0.00	48.78 0.86 0.00	48.36 0.90 0.00	46.45 0.86 0.00	46.60 0.91 0.00	44.65 0.92 0.00	44.62 0.92 0.00	50.21 1.03 0.00	63.42 1.06 0.00	78.75 1.09 0.00	72.43 0.93 0.00	54.31 0.91 0.00	45.38 0.93 0.00	39.84 0.74 0.00	38.04 0.67 0.00
GILBOA___3 23758	37.61 0.48 0.00	35.64 0.46 0.00	34.03 0.50 0.00	33.94 0.53 0.00	34.37 0.54 0.00	37.23 0.48 0.00	49.39 0.63 0.00	63.64 0.76 0.00	61.59 0.85 0.00	49.58 0.68 0.00	48.78 0.86 0.00	48.36 0.90 0.00	46.45 0.86 0.00	46.60 0.91 0.00	44.65 0.92 0.00	44.62 0.92 0.00	50.21 1.03 0.00	63.42 1.06 0.00	78.75 1.09 0.00	72.43 0.93 0.00	54.31 0.91 0.00	45.38 0.93 0.00	39.84 0.74 0.00	38.04 0.67 0.00
GILBOA___4 23759	37.61 0.48 0.00	35.64 0.46 0.00	34.03 0.50 0.00	33.94 0.53 0.00	34.37 0.54 0.00	37.23 0.48 0.00	49.39 0.63 0.00	63.64 0.76 0.00	61.59 0.85 0.00	49.58 0.68 0.00	48.78 0.86 0.00	48.36 0.90 0.00	46.45 0.86 0.00	46.60 0.91 0.00	44.65 0.92 0.00	44.62 0.92 0.00	50.21 1.03 0.00	63.42 1.06 0.00	78.75 1.09 0.00	72.43 0.93 0.00	54.31 0.91 0.00	45.38 0.93 0.00	39.84 0.74 0.00	38.04 0.67 0.00

GILBOA____ 23599	37.61 0.48 0.00	35.64 0.46 0.00	34.03 0.50 0.00	33.95 0.53 0.00	34.41 0.58 0.00	37.24 0.48 0.00	49.34 0.59 0.00	63.64 0.75 0.00	61.59 0.85 0.00	49.58 0.68 0.00	48.78 0.86 0.00	48.37 0.90 0.00	46.45 0.87 0.00	46.60 0.91 0.00	44.65 0.92 0.00	44.62 0.92 0.00	50.21 1.03 0.00	63.42 1.06 0.00	78.75 1.09 0.00	72.43 0.93 0.00	54.31 0.91 0.00	45.33 0.89 0.00	39.84 0.74 0.00	38.03 0.67 0.00
GINNA____ 23603	35.38 -1.74 0.00	33.67 -1.51 0.00	32.12 -1.41 0.00	31.91 -1.50 0.00	32.31 -1.52 0.00	35.07 -1.69 0.00	46.51 -2.24 0.00	59.80 -3.08 0.00	57.58 -3.16 0.00	46.64 -2.25 0.00	45.28 -2.64 0.00	44.95 -2.52 0.00	42.99 -2.60 0.00	43.13 -2.56 0.00	41.15 -2.58 0.00	41.17 -2.54 0.00	46.28 -2.90 0.00	59.18 -3.18 0.00	73.86 -3.80 0.00	68.15 -3.36 0.00	50.41 -2.99 0.00	41.96 -2.49 0.00	36.98 -2.11 0.00	35.61 -1.76 0.00
GLEN PARK____ 23778	38.39 1.26 0.00	36.42 1.23 0.00	34.70 1.17 0.00	34.38 0.97 0.00	34.91 1.08 0.00	38.15 1.40 0.00	53.24 2.53 -1.95	69.67 3.65 -3.14	65.90 3.22 -1.95	50.58 1.66 -0.02	50.47 1.24 -1.31	49.63 0.86 -1.31	46.47 0.86 -0.02	46.47 0.78 0.00	44.21 0.48 0.00	44.44 0.74 0.00	50.26 1.08 0.00	64.42 2.05 0.00	81.24 3.57 0.00	75.44 3.93 0.00	57.93 2.56 -1.97	46.35 1.91 0.00	40.35 1.25 0.00	38.67 1.31 0.00
GLENDALE_27_KV_LOAD 356172	38.98 1.86 0.00	36.92 1.72 -0.01	35.11 1.58 -0.01	35.06 1.64 -0.01	35.56 1.73 -0.01	38.49 1.73 0.00	50.36 1.61 0.00	65.78 2.89 0.00	63.84 3.10 0.00	51.34 2.44 0.00	50.65 2.73 0.00	50.41 2.94 0.00	48.55 2.96 0.00	48.71 3.02 0.00	46.74 3.02 0.00	46.59 2.88 0.00	52.33 3.15 0.00	66.17 3.80 0.00	82.32 4.66 0.00	75.58 4.08 0.00	56.44 3.04 0.00	47.11 2.67 0.00	41.40 2.31 0.00	39.49 2.13 0.00
GLENWOOD_IC_1_G5 23712	38.46 1.34 0.00	36.31 1.13 0.00	34.67 1.14 0.00	34.71 1.30 0.00	35.29 1.45 0.00	38.52 1.76 0.00	50.32 1.56 0.00	65.34 2.45 0.00	63.35 2.61 0.00	51.00 2.10 0.00	50.74 2.83 0.00	50.31 2.85 0.00	48.32 2.74 0.00	48.29 2.60 0.00	46.39 2.67 0.00	46.37 2.67 0.00	51.98 2.80 0.01	64.94 2.99 0.41	78.46 3.73 2.93	74.79 3.29 0.00	56.18 2.78 0.00	46.71 2.27 0.00	40.97 1.88 0.00	38.97 1.61 0.00
GLENWOOD_IC_2_G1 23688	38.43 1.30 0.00	36.28 1.09 0.00	34.60 1.07 0.00	34.61 1.20 0.00	35.08 1.25 0.00	38.34 1.58 0.00	50.27 1.51 0.00	65.27 2.39 0.00	63.23 2.49 0.00	50.90 2.01 0.00	50.45 2.54 0.00	50.07 2.61 0.00	48.09 2.51 0.00	48.11 2.42 0.00	46.22 2.49 0.00	46.15 2.45 0.00	51.78 2.60 0.00	65.23 2.87 0.00	81.21 3.57 0.02	74.73 3.22 0.00	56.02 2.62 0.00	46.67 2.22 0.00	40.86 1.76 0.00	38.89 1.53 0.00
GLENWOOD_IC_3_G1 23689	38.43 1.30 0.00	36.28 1.09 0.00	34.60 1.07 0.00	34.61 1.20 0.00	35.08 1.25 0.00	38.34 1.58 0.00	50.27 1.51 0.00	65.27 2.39 0.00	63.23 2.49 0.00	50.90 2.01 0.00	50.45 2.54 0.00	50.07 2.61 0.00	48.09 2.51 0.00	48.11 2.42 0.00	46.22 2.49 0.00	46.15 2.45 0.00	51.78 2.60 0.00	65.23 2.87 0.00	81.21 3.57 0.02	74.73 3.22 0.00	56.02 2.62 0.00	46.67 2.22 0.00	40.86 1.76 0.00	38.89 1.53 0.00
GLENWOOD____4 23550	38.46 1.34 0.00	36.31 1.13 0.00	34.67 1.14 0.00	34.71 1.30 0.00	35.29 1.45 0.00	38.52 1.76 0.00	50.32 1.56 0.00	65.34 2.45 0.00	63.35 2.61 0.00	51.00 2.10 0.00	50.74 2.83 0.00	50.31 2.85 0.00	48.32 2.74 0.00	48.29 2.60 0.00	46.39 2.67 0.00	46.37 2.67 0.00	51.98 2.80 0.01	64.94 2.99 0.41	78.46 3.73 2.93	74.79 3.29 0.00	56.18 2.78 0.00	46.71 2.27 0.00	40.97 1.88 0.00	38.97 1.61 0.00
GLENWOOD____5 23614	38.46 1.34 0.00	36.31 1.13 0.00	34.67 1.14 0.00	34.71 1.30 0.00	35.29 1.45 0.00	38.52 1.76 0.00	50.32 1.56 0.00	65.34 2.45 0.00	63.35 2.61 0.00	51.00 2.10 0.00	50.74 2.83 0.00	50.31 2.85 0.00	48.32 2.74 0.00	48.29 2.60 0.00	46.39 2.67 0.00	46.37 2.67 0.00	51.98 2.80 0.01	64.94 2.99 0.41	78.46 3.73 2.93	74.79 3.29 0.00	56.18 2.78 0.00	46.71 2.27 0.00	40.97 1.88 0.00	38.97 1.61 0.00
GLOBAL GREEN_PORT_GT1 23814	37.91 0.78 0.00	35.47 0.28 0.00	34.00 0.47 0.00	34.08 0.67 0.00	34.54 0.71 0.00	38.27 1.51 0.00	48.42 -0.34 0.00	62.63 -0.25 0.00	60.74 0.00 0.00	48.85 0.00 0.04	49.74 1.82 0.00	48.98 1.52 0.00	46.95 1.37 0.00	46.78 1.09 0.00	45.04 1.31 0.00	45.14 1.44 0.00	49.91 0.74 0.01	61.68 0.06 0.74	72.38 0.00 5.28	71.78 0.29 0.01	54.15 0.75 0.00	45.11 0.67 0.00	39.72 0.62 0.00	38.22 0.86 0.00
GLOBE____DSASP 323697	37.16 0.04 0.00	35.68 0.49 0.00	34.17 0.64 0.00	34.01 0.60 0.00	34.00 0.17 0.00	36.39 -0.37 0.00	47.10 -1.66 0.00	59.87 -3.02 0.00	57.03 -3.71 0.00	47.08 -1.81 0.00	45.38 -2.54 0.00	44.95 -2.52 0.00	43.17 -2.42 0.00	43.50 -2.19 0.00	41.45 -2.27 0.00	41.21 -2.49 0.00	46.08 -3.10 0.00	58.68 -3.68 0.00	73.16 -4.50 0.00	67.64 -3.86 0.00	49.39 -4.00 0.00	41.33 -3.11 0.00	37.02 -2.07 0.00	36.84 -0.52 0.00
GOETHSLN____LBMP 323567	38.42 1.30 0.01	36.38 1.20 0.00	34.57 1.04 0.00	34.55 1.14 0.00	35.05 1.22 0.00	38.04 1.29 0.01	50.11 1.37 0.01	65.33 2.45 0.01	63.28 2.55 0.01	50.95 2.05 0.00	50.21 2.30 0.01	49.98 2.52 0.00	48.05 2.46 0.00	48.16 2.47 0.00	46.26 2.54 0.00	46.11 2.40 0.00	51.88 2.70 0.00	65.48 3.12 0.00	81.55 3.88 0.00	74.94 3.43 0.00	56.02 2.62 0.00	46.66 2.22 0.01	40.92 1.84 0.01	38.96 1.61 0.01
GOLAH____69_KV_TB 1_2 80279	37.39 0.26 0.00	35.64 0.46 0.00	34.03 0.50 0.00	33.85 0.43 0.00	34.10 0.27 0.00	37.09 0.33 0.00	48.85 0.10 0.00	62.51 -0.38 0.00	60.07 -0.67 0.00	48.99 0.10 0.00	47.44 -0.48 0.00	47.04 -0.43 0.00	44.95 -0.64 0.00	45.14 -0.55 0.00	43.07 -0.66 0.00	42.96 -0.74 0.00	48.25 -0.93 0.00	61.68 -0.69 0.00	77.12 -0.54 0.00	71.22 -0.29 0.00	52.38 -1.01 0.00	43.73 -0.71 0.00	38.70 -0.39 0.00	37.59 0.22 0.00
GOODYEAR_LAKE_HYD 323669	38.06 0.93 0.00	36.07 0.88 0.00	34.40 0.87 0.00	34.28 0.87 0.00	34.74 0.91 0.00	37.75 0.99 0.00	50.32 1.56 0.00	65.15 2.26 0.00	62.74 2.00 0.00	50.21 1.32 0.00	49.11 1.20 0.00	48.60 1.14 0.00	46.68 1.09 0.00	46.74 1.05 0.00	44.69 0.96 0.00	44.75 1.05 0.00	50.51 1.33 0.00	64.30 1.93 0.00	80.30 2.64 0.00	74.01 2.50 0.00	55.11 1.71 0.00	45.87 1.42 0.00	40.15 1.06 0.00	38.41 1.05 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	37.50 0.37 0.00	35.64 0.46 0.00	33.97 0.44 0.00	33.85 0.43 0.00	34.20 0.37 0.00	37.13 0.37 0.00	49.24 0.49 0.00	63.45 0.57 0.00	60.92 0.18 0.00	49.19 0.29 0.00	47.96 0.05 0.00	47.56 0.09 0.00	45.63 0.05 0.00	45.83 0.14 0.00	43.82 0.09 0.00	43.75 0.04 0.00	49.33 0.15 0.00	62.80 0.44 0.00	78.59 0.93 0.00	72.51 1.00 0.00	53.72 0.32 0.00	44.62 0.18 0.00	39.29 0.20 0.00	37.77 0.41 0.00

GOUDEY___7 23579	37.50 0.37 0.00	35.64 0.46 0.00	33.97 0.44 0.00	33.85 0.43 0.00	34.20 0.37 0.00	37.13 0.37 0.00	49.24 0.49 0.00	63.45 0.57 0.00	60.92 0.18 0.00	49.19 0.29 0.00	47.96 0.05 0.00	47.56 0.09 0.00	45.63 0.05 0.00	45.83 0.14 0.00	43.82 0.09 0.00	43.75 0.04 0.00	49.33 0.15 0.00	62.80 0.44 0.00	78.59 0.93 0.00	72.51 1.00 0.00	53.72 0.32 0.00	44.62 0.18 0.00	39.29 0.20 0.00	37.77 0.41 0.00
GOUDEY___8 23580	37.50 0.37 0.00	35.64 0.46 0.00	33.97 0.44 0.00	33.85 0.43 0.00	34.20 0.37 0.00	37.13 0.37 0.00	49.24 0.49 0.00	63.45 0.57 0.00	60.92 0.18 0.00	49.19 0.29 0.00	47.96 0.05 0.00	47.56 0.09 0.00	45.63 0.05 0.00	45.83 0.14 0.00	43.82 0.09 0.00	43.75 0.04 0.00	49.33 0.15 0.00	62.80 0.44 0.00	78.59 0.93 0.00	72.51 1.00 0.00	53.72 0.32 0.00	44.62 0.18 0.00	39.29 0.20 0.00	37.77 0.41 0.00
GOWANUS_GT1_1 24077	38.87 1.74 0.00	36.88 1.69 -0.01	35.11 1.58 -0.01	35.06 1.64 -0.01	35.56 1.73 -0.01	38.30 1.54 0.00	50.02 1.27 0.00	65.40 2.52 0.00	63.41 2.67 0.00	51.00 2.10 0.00	50.31 2.40 0.00	50.07 2.61 0.00	48.27 2.69 0.00	48.39 2.70 0.00	46.48 2.75 0.00	46.32 2.62 0.00	52.08 2.90 0.00	65.98 3.62 0.00	82.09 4.43 0.00	75.37 3.86 0.00	56.18 2.78 0.00	46.98 2.53 0.00	41.25 2.15 0.00	39.42 2.05 0.00
GOWANUS_GT1_2 24078	38.87 1.74 0.00	36.88 1.69 -0.01	35.11 1.58 -0.01	35.06 1.64 -0.01	35.56 1.73 -0.01	38.30 1.54 0.00	50.02 1.27 0.00	65.40 2.52 0.00	63.41 2.67 0.00	51.00 2.10 0.00	50.31 2.40 0.00	50.07 2.61 0.00	48.27 2.69 0.00	48.39 2.70 0.00	46.48 2.75 0.00	46.32 2.62 0.00	52.08 2.90 0.00	65.98 3.62 0.00	82.09 4.43 0.00	75.37 3.86 0.00	56.18 2.78 0.00	46.98 2.53 0.00	41.25 2.15 0.00	39.42 2.05 0.00
GOWANUS_GT1_3 24079	38.87 1.74 0.00	36.88 1.69 -0.01	35.11 1.58 -0.01	35.06 1.64 -0.01	35.56 1.73 -0.01	38.30 1.54 0.00	50.02 1.27 0.00	65.40 2.52 0.00	63.41 2.67 0.00	51.00 2.10 0.00	50.31 2.40 0.00	50.07 2.61 0.00	48.27 2.69 0.00	48.39 2.70 0.00	46.48 2.75 0.00	46.32 2.62 0.00	52.08 2.90 0.00	65.98 3.62 0.00	82.09 4.43 0.00	75.37 3.86 0.00	56.18 2.78 0.00	46.98 2.53 0.00	41.25 2.15 0.00	39.42 2.05 0.00
GOWANUS_GT1_4 24080	38.87 1.74 0.00	36.88 1.69 -0.01	35.11 1.58 -0.01	35.06 1.64 -0.01	35.56 1.73 -0.01	38.30 1.54 0.00	50.02 1.27 0.00	65.40 2.52 0.00	63.41 2.67 0.00	51.00 2.10 0.00	50.31 2.40 0.00	50.07 2.61 0.00	48.27 2.69 0.00	48.39 2.70 0.00	46.48 2.75 0.00	46.32 2.62 0.00	52.08 2.90 0.00	65.98 3.62 0.00	82.09 4.43 0.00	75.37 3.86 0.00	56.18 2.78 0.00	46.98 2.53 0.00	41.25 2.15 0.00	39.42 2.05 0.00
GOWANUS_GT1_5 24084	38.87 1.74 0.00	36.88 1.69 -0.01	35.11 1.58 -0.01	35.06 1.64 -0.01	35.56 1.73 -0.01	38.30 1.54 0.00	50.02 1.27 0.00	65.40 2.52 0.00	63.41 2.67 0.00	51.00 2.10 0.00	50.31 2.40 0.00	50.07 2.61 0.00	48.27 2.69 0.00	48.39 2.70 0.00	46.48 2.75 0.00	46.32 2.62 0.00	52.08 2.90 0.00	65.98 3.62 0.00	82.09 4.43 0.00	75.37 3.86 0.00	56.18 2.78 0.00	46.98 2.53 0.00	41.25 2.15 0.00	39.42 2.05 0.00
GOWANUS_GT1_6 24111	38.87 1.74 0.00	36.88 1.69 -0.01	35.11 1.58 -0.01	35.06 1.64 -0.01	35.56 1.73 -0.01	38.30 1.54 0.00	50.02 1.27 0.00	65.40 2.52 0.00	63.41 2.67 0.00	51.00 2.10 0.00	50.31 2.40 0.00	50.07 2.61 0.00	48.27 2.69 0.00	48.39 2.70 0.00	46.48 2.75 0.00	46.32 2.62 0.00	52.08 2.90 0.00	65.98 3.62 0.00	82.09 4.43 0.00	75.37 3.86 0.00	56.18 2.78 0.00	46.98 2.53 0.00	41.25 2.15 0.00	39.42 2.05 0.00
GOWANUS_GT1_7 24112	38.87 1.74 0.00	36.88 1.69 -0.01	35.11 1.58 -0.01	35.06 1.64 -0.01	35.56 1.73 -0.01	38.30 1.54 0.00	50.02 1.27 0.00	65.40 2.52 0.00	63.41 2.67 0.00	51.00 2.10 0.00	50.31 2.40 0.00	50.07 2.61 0.00	48.27 2.69 0.00	48.39 2.70 0.00	46.48 2.75 0.00	46.32 2.62 0.00	52.08 2.90 0.00	65.98 3.62 0.00	82.09 4.43 0.00	75.37 3.86 0.00	56.18 2.78 0.00	46.98 2.53 0.00	41.25 2.15 0.00	39.42 2.05 0.00
GOWANUS_GT1_8 24113	38.87 1.74 0.00	36.88 1.69 -0.01	35.11 1.58 -0.01	35.06 1.64 -0.01	35.56 1.73 -0.01	38.30 1.54 0.00	50.02 1.27 0.00	65.40 2.52 0.00	63.41 2.67 0.00	51.00 2.10 0.00	50.31 2.40 0.00	50.07 2.61 0.00	48.27 2.69 0.00	48.39 2.70 0.00	46.48 2.75 0.00	46.32 2.62 0.00	52.08 2.90 0.00	65.98 3.62 0.00	82.09 4.43 0.00	75.37 3.86 0.00	56.18 2.78 0.00	46.98 2.53 0.00	41.25 2.15 0.00	39.42 2.05 0.00
GOWANUS_GT2_1 24114	38.87 1.75 0.00	36.88 1.69 -0.01	35.12 1.58 -0.01	35.06 1.64 -0.01	35.50 1.66 -0.01	38.30 1.54 0.00	50.07 1.32 0.00	65.40 2.52 0.00	63.41 2.67 0.00	50.95 2.05 0.00	50.31 2.39 0.00	50.07 2.61 0.00	48.27 2.69 0.00	48.38 2.70 0.00	46.48 2.76 0.00	46.32 2.62 0.00	52.08 2.90 0.00	65.92 3.55 0.00	82.01 4.35 0.00	75.29 3.79 0.00	56.17 2.78 0.00	47.02 2.58 0.00	41.20 2.11 0.00	39.42 2.05 0.00
GOWANUS_GT2_2 24115	38.87 1.75 0.00	36.88 1.69 -0.01	35.12 1.58 -0.01	35.06 1.64 -0.01	35.50 1.66 -0.01	38.30 1.54 0.00	50.07 1.32 0.00	65.40 2.52 0.00	63.41 2.67 0.00	50.95 2.05 0.00	50.31 2.39 0.00	50.07 2.61 0.00	48.27 2.69 0.00	48.38 2.70 0.00	46.48 2.76 0.00	46.32 2.62 0.00	52.08 2.90 0.00	65.92 3.55 0.00	82.01 4.35 0.00	75.29 3.79 0.00	56.17 2.78 0.00	47.02 2.58 0.00	41.20 2.11 0.00	39.42 2.05 0.00
GOWANUS_GT2_3 24116	38.87 1.75 0.00	36.88 1.69 -0.01	35.12 1.58 -0.01	35.06 1.64 -0.01	35.50 1.66 -0.01	38.30 1.54 0.00	50.07 1.32 0.00	65.40 2.52 0.00	63.41 2.67 0.00	50.95 2.05 0.00	50.31 2.39 0.00	50.07 2.61 0.00	48.27 2.69 0.00	48.38 2.70 0.00	46.48 2.76 0.00	46.32 2.62 0.00	52.08 2.90 0.00	65.92 3.55 0.00	82.01 4.35 0.00	75.29 3.79 0.00	56.17 2.78 0.00	47.02 2.58 0.00	41.20 2.11 0.00	39.42 2.05 0.00
GOWANUS_GT2_4 24117	38.87 1.75 0.00	36.88 1.69 -0.01	35.12 1.58 -0.01	35.06 1.64 -0.01	35.50 1.66 -0.01	38.30 1.54 0.00	50.07 1.32 0.00	65.40 2.52 0.00	63.41 2.67 0.00	50.95 2.05 0.00	50.31 2.39 0.00	50.07 2.61 0.00	48.27 2.69 0.00	48.38 2.70 0.00	46.48 2.76 0.00	46.32 2.62 0.00	52.08 2.90 0.00	65.92 3.55 0.00	82.01 4.35 0.00	75.29 3.79 0.00	56.17 2.78 0.00	47.02 2.58 0.00	41.20 2.11 0.00	39.42 2.05 0.00
GOWANUS_GT2_5 24118	38.87 1.75 0.00	36.88 1.69 -0.01	35.12 1.58 -0.01	35.06 1.64 -0.01	35.50 1.66 -0.01	38.30 1.54 0.00	50.07 1.32 0.00	65.40 2.52 0.00	63.41 2.67 0.00	50.95 2.05 0.00	50.31 2.39 0.00	50.07 2.61 0.00	48.27 2.69 0.00	48.38 2.70 0.00	46.48 2.76 0.00	46.32 2.62 0.00	52.08 2.90 0.00	65.92 3.55 0.00	82.01 4.35 0.00	75.29 3.79 0.00	56.17 2.78 0.00	47.02 2.58 0.00	41.20 2.11 0.00	39.42 2.05 0.00

GOWANUS_GT2_6 24119	38.87 1.75 0.00	36.88 1.69 -0.01	35.12 1.58 -0.01	35.06 1.64 -0.01	35.50 1.66 -0.01	38.30 1.54 0.00	50.07 1.32 0.00	65.40 2.52 0.00	63.41 2.67 0.00	50.95 2.05 0.00	50.31 2.39 0.00	50.07 2.61 0.00	48.27 2.69 0.00	48.38 2.70 0.00	46.48 2.76 0.00	46.32 2.62 0.00	52.08 2.90 0.00	65.92 3.55 0.00	82.01 4.35 0.00	75.29 3.79 0.00	56.17 2.78 0.00	47.02 2.58 0.00	41.20 2.11 0.00	39.42 2.05 0.00
GOWANUS_GT2_7 24120	38.87 1.75 0.00	36.88 1.69 -0.01	35.12 1.58 -0.01	35.06 1.64 -0.01	35.50 1.66 -0.01	38.30 1.54 0.00	50.07 1.32 0.00	65.40 2.52 0.00	63.41 2.67 0.00	50.95 2.05 0.00	50.31 2.39 0.00	50.07 2.61 0.00	48.27 2.69 0.00	48.38 2.70 0.00	46.48 2.76 0.00	46.32 2.62 0.00	52.08 2.90 0.00	65.92 3.55 0.00	82.01 4.35 0.00	75.29 3.79 0.00	56.17 2.78 0.00	47.02 2.58 0.00	41.20 2.11 0.00	39.42 2.05 0.00
GOWANUS_GT2_8 24121	38.87 1.75 0.00	36.88 1.69 -0.01	35.12 1.58 -0.01	35.06 1.64 -0.01	35.50 1.66 -0.01	38.30 1.54 0.00	50.07 1.32 0.00	65.40 2.52 0.00	63.41 2.67 0.00	50.95 2.05 0.00	50.31 2.39 0.00	50.07 2.61 0.00	48.27 2.69 0.00	48.38 2.70 0.00	46.48 2.76 0.00	46.32 2.62 0.00	52.08 2.90 0.00	65.92 3.55 0.00	82.01 4.35 0.00	75.29 3.79 0.00	56.17 2.78 0.00	47.02 2.58 0.00	41.20 2.11 0.00	39.42 2.05 0.00
GOWANUS_GT3_1 24122	38.87 1.75 0.00	36.88 1.69 -0.01	35.12 1.58 -0.01	35.06 1.64 -0.01	35.50 1.66 -0.01	38.30 1.54 0.00	50.07 1.32 0.00	65.40 2.52 0.00	63.41 2.67 0.00	50.95 2.05 0.00	50.31 2.39 0.00	50.07 2.61 0.00	48.27 2.69 0.00	48.38 2.70 0.00	46.48 2.76 0.00	46.32 2.62 0.00	52.08 2.90 0.00	65.92 3.55 0.00	82.01 4.35 0.00	75.29 3.79 0.00	56.17 2.78 0.00	47.02 2.58 0.00	41.20 2.11 0.00	39.42 2.05 0.00
GOWANUS_GT3_2 24123	38.87 1.75 0.00	36.88 1.69 -0.01	35.12 1.58 -0.01	35.06 1.64 -0.01	35.50 1.66 -0.01	38.30 1.54 0.00	50.07 1.32 0.00	65.40 2.52 0.00	63.41 2.67 0.00	50.95 2.05 0.00	50.31 2.39 0.00	50.07 2.61 0.00	48.27 2.69 0.00	48.38 2.70 0.00	46.48 2.76 0.00	46.32 2.62 0.00	52.08 2.90 0.00	65.92 3.55 0.00	82.01 4.35 0.00	75.29 3.79 0.00	56.17 2.78 0.00	47.02 2.58 0.00	41.20 2.11 0.00	39.42 2.05 0.00
GOWANUS_GT3_3 24124	38.87 1.75 0.00	36.88 1.69 -0.01	35.12 1.58 -0.01	35.06 1.64 -0.01	35.50 1.66 -0.01	38.30 1.54 0.00	50.07 1.32 0.00	65.40 2.52 0.00	63.41 2.67 0.00	50.95 2.05 0.00	50.31 2.39 0.00	50.07 2.61 0.00	48.27 2.69 0.00	48.38 2.70 0.00	46.48 2.76 0.00	46.32 2.62 0.00	52.08 2.90 0.00	65.92 3.55 0.00	82.01 4.35 0.00	75.29 3.79 0.00	56.17 2.78 0.00	47.02 2.58 0.00	41.20 2.11 0.00	39.42 2.05 0.00
GOWANUS_GT3_4 24125	38.87 1.75 0.00	36.88 1.69 -0.01	35.12 1.58 -0.01	35.06 1.64 -0.01	35.50 1.66 -0.01	38.30 1.54 0.00	50.07 1.32 0.00	65.40 2.52 0.00	63.41 2.67 0.00	50.95 2.05 0.00	50.31 2.39 0.00	50.07 2.61 0.00	48.27 2.69 0.00	48.38 2.70 0.00	46.48 2.76 0.00	46.32 2.62 0.00	52.08 2.90 0.00	65.92 3.55 0.00	82.01 4.35 0.00	75.29 3.79 0.00	56.17 2.78 0.00	47.02 2.58 0.00	41.20 2.11 0.00	39.42 2.05 0.00
GOWANUS_GT3_5 24126	38.87 1.75 0.00	36.88 1.69 -0.01	35.12 1.58 -0.01	35.06 1.64 -0.01	35.50 1.66 -0.01	38.30 1.54 0.00	50.07 1.32 0.00	65.40 2.52 0.00	63.41 2.67 0.00	50.95 2.05 0.00	50.31 2.39 0.00	50.07 2.61 0.00	48.27 2.69 0.00	48.38 2.70 0.00	46.48 2.76 0.00	46.32 2.62 0.00	52.08 2.90 0.00	65.92 3.55 0.00	82.01 4.35 0.00	75.29 3.79 0.00	56.17 2.78 0.00	47.02 2.58 0.00	41.20 2.11 0.00	39.42 2.05 0.00
GOWANUS_GT3_6 24127	38.87 1.75 0.00	36.88 1.69 -0.01	35.12 1.58 -0.01	35.06 1.64 -0.01	35.50 1.66 -0.01	38.30 1.54 0.00	50.07 1.32 0.00	65.40 2.52 0.00	63.41 2.67 0.00	50.95 2.05 0.00	50.31 2.39 0.00	50.07 2.61 0.00	48.27 2.69 0.00	48.38 2.70 0.00	46.48 2.76 0.00	46.32 2.62 0.00	52.08 2.90 0.00	65.92 3.55 0.00	82.01 4.35 0.00	75.29 3.79 0.00	56.17 2.78 0.00	47.02 2.58 0.00	41.20 2.11 0.00	39.42 2.05 0.00
GOWANUS_GT3_7 24128	38.87 1.75 0.00	36.88 1.69 -0.01	35.12 1.58 -0.01	35.06 1.64 -0.01	35.50 1.66 -0.01	38.30 1.54 0.00	50.07 1.32 0.00	65.40 2.52 0.00	63.41 2.67 0.00	50.95 2.05 0.00	50.31 2.39 0.00	50.07 2.61 0.00	48.27 2.69 0.00	48.38 2.70 0.00	46.48 2.76 0.00	46.32 2.62 0.00	52.08 2.90 0.00	65.92 3.55 0.00	82.01 4.35 0.00	75.29 3.79 0.00	56.17 2.78 0.00	47.02 2.58 0.00	41.20 2.11 0.00	39.42 2.05 0.00
GOWANUS_GT3_8 24129	38.87 1.75 0.00	36.88 1.69 -0.01	35.12 1.58 -0.01	35.06 1.64 -0.01	35.50 1.66 -0.01	38.30 1.54 0.00	50.07 1.32 0.00	65.40 2.52 0.00	63.41 2.67 0.00	50.95 2.05 0.00	50.31 2.39 0.00	50.07 2.61 0.00	48.27 2.69 0.00	48.38 2.70 0.00	46.48 2.76 0.00	46.32 2.62 0.00	52.08 2.90 0.00	65.92 3.55 0.00	82.01 4.35 0.00	75.29 3.79 0.00	56.17 2.78 0.00	47.02 2.58 0.00	41.20 2.11 0.00	39.42 2.05 0.00
GOWANUS_GT4_1 24130	38.87 1.74 0.00	36.88 1.69 -0.01	35.11 1.58 -0.01	35.06 1.64 -0.01	35.56 1.73 -0.01	38.30 1.54 0.00	50.02 1.27 0.00	65.40 2.52 0.00	63.41 2.67 0.00	51.00 2.10 0.00	50.31 2.40 0.00	50.07 2.61 0.00	48.27 2.69 0.00	48.39 2.70 0.00	46.48 2.75 0.00	46.32 2.62 0.00	52.08 2.90 0.00	65.98 3.62 0.00	82.09 4.43 0.00	75.37 3.86 0.00	56.18 2.78 0.00	46.98 2.53 0.00	41.25 2.15 0.00	39.42 2.05 0.00
GOWANUS_GT4_2 24131	38.87 1.74 0.00	36.88 1.69 -0.01	35.11 1.58 -0.01	35.06 1.64 -0.01	35.56 1.73 -0.01	38.30 1.54 0.00	50.02 1.27 0.00	65.40 2.52 0.00	63.41 2.67 0.00	51.00 2.10 0.00	50.31 2.40 0.00	50.07 2.61 0.00	48.27 2.69 0.00	48.39 2.70 0.00	46.48 2.75 0.00	46.32 2.62 0.00	52.08 2.90 0.00	65.98 3.62 0.00	82.09 4.43 0.00	75.37 3.86 0.00	56.18 2.78 0.00	46.98 2.53 0.00	41.25 2.15 0.00	39.42 2.05 0.00
GOWANUS_GT4_3 24132	38.87 1.74 0.00	36.88 1.69 -0.01	35.11 1.58 -0.01	35.06 1.64 -0.01	35.56 1.73 -0.01	38.30 1.54 0.00	50.02 1.27 0.00	65.40 2.52 0.00	63.41 2.67 0.00	51.00 2.10 0.00	50.31 2.40 0.00	50.07 2.61 0.00	48.27 2.69 0.00	48.39 2.70 0.00	46.48 2.75 0.00	46.32 2.62 0.00	52.08 2.90 0.00	65.98 3.62 0.00	82.09 4.43 0.00	75.37 3.86 0.00	56.18 2.78 0.00	46.98 2.53 0.00	41.25 2.15 0.00	39.42 2.05 0.00
GOWANUS_GT4_4 24133	38.87 1.74 0.00	36.88 1.69 -0.01	35.11 1.58 -0.01	35.06 1.64 -0.01	35.56 1.73 -0.01	38.30 1.54 0.00	50.02 1.27 0.00	65.40 2.52 0.00	63.41 2.67 0.00	51.00 2.10 0.00	50.31 2.40 0.00	50.07 2.61 0.00	48.27 2.69 0.00	48.39 2.70 0.00	46.48 2.75 0.00	46.32 2.62 0.00	52.08 2.90 0.00	65.98 3.62 0.00	82.09 4.43 0.00	75.37 3.86 0.00	56.18 2.78 0.00	46.98 2.53 0.00	41.25 2.15 0.00	39.42 2.05 0.00

GOWANUS_GT4_5 24134	38.87 1.74 0.00	36.88 1.69 -0.01	35.11 1.58 -0.01	35.06 1.64 -0.01	35.56 1.73 -0.01	38.30 1.54 0.00	50.02 1.27 0.00	65.40 2.52 0.00	63.41 2.67 0.00	51.00 2.10 0.00	50.31 2.40 0.00	50.07 2.61 0.00	48.27 2.69 0.00	48.39 2.70 0.00	46.48 2.75 0.00	46.32 2.62 0.00	52.08 2.90 0.00	65.98 3.62 0.00	82.09 4.43 0.00	75.37 3.86 0.00	56.18 2.78 0.00	46.98 2.53 0.00	41.25 2.15 0.00	39.42 2.05 0.00
GOWANUS_GT4_6 24135	38.87 1.74 0.00	36.88 1.69 -0.01	35.11 1.58 -0.01	35.06 1.64 -0.01	35.56 1.73 -0.01	38.30 1.54 0.00	50.02 1.27 0.00	65.40 2.52 0.00	63.41 2.67 0.00	51.00 2.10 0.00	50.31 2.40 0.00	50.07 2.61 0.00	48.27 2.69 0.00	48.39 2.70 0.00	46.48 2.75 0.00	46.32 2.62 0.00	52.08 2.90 0.00	65.98 3.62 0.00	82.09 4.43 0.00	75.37 3.86 0.00	56.18 2.78 0.00	46.98 2.53 0.00	41.25 2.15 0.00	39.42 2.05 0.00
GOWANUS_GT4_7 24136	38.87 1.74 0.00	36.88 1.69 -0.01	35.11 1.58 -0.01	35.06 1.64 -0.01	35.56 1.73 -0.01	38.30 1.54 0.00	50.02 1.27 0.00	65.40 2.52 0.00	63.41 2.67 0.00	51.00 2.10 0.00	50.31 2.40 0.00	50.07 2.61 0.00	48.27 2.69 0.00	48.39 2.70 0.00	46.48 2.75 0.00	46.32 2.62 0.00	52.08 2.90 0.00	65.98 3.62 0.00	82.09 4.43 0.00	75.37 3.86 0.00	56.18 2.78 0.00	46.98 2.53 0.00	41.25 2.15 0.00	39.42 2.05 0.00
GOWANUS_GT4_8 24137	38.87 1.74 0.00	36.88 1.69 -0.01	35.11 1.58 -0.01	35.06 1.64 -0.01	35.56 1.73 -0.01	38.30 1.54 0.00	50.02 1.27 0.00	65.40 2.52 0.00	63.41 2.67 0.00	51.00 2.10 0.00	50.31 2.40 0.00	50.07 2.61 0.00	48.27 2.69 0.00	48.39 2.70 0.00	46.48 2.75 0.00	46.32 2.62 0.00	52.08 2.90 0.00	65.98 3.62 0.00	82.09 4.43 0.00	75.37 3.86 0.00	56.18 2.78 0.00	46.98 2.53 0.00	41.25 2.15 0.00	39.42 2.05 0.00
GREATVRV_69_KV_BK1 356245	38.65 1.52 0.00	36.24 1.06 0.00	34.70 1.17 0.00	34.82 1.40 0.00	35.49 1.66 0.00	39.11 2.35 0.00	49.97 1.22 0.00	64.65 1.76 0.00	62.62 1.88 0.00	50.49 1.61 0.02	50.79 2.87 0.00	50.12 2.66 0.00	48.05 2.46 0.00	47.88 2.19 0.00	46.09 2.36 0.00	46.15 2.45 0.00	51.53 2.36 0.01	63.42 2.00 0.94	73.40 2.41 6.67	73.71 2.22 0.01	55.59 2.19 0.00	46.31 1.87 0.00	40.81 1.72 0.00	38.89 1.53 0.00
GREENBSH_115KV_TB3 55895	36.94 -0.19 0.00	34.97 -0.21 0.00	33.33 -0.20 0.00	33.24 -0.17 0.00	33.70 -0.14 0.00	36.57 -0.18 0.00	48.51 -0.24 0.00	62.63 -0.25 0.00	60.74 0.00 0.00	48.84 -0.05 0.00	48.01 0.10 0.00	47.56 0.09 0.00	45.72 0.14 0.00	45.92 0.23 0.00	44.03 0.31 0.00	43.96 0.26 0.00	49.47 0.30 0.00	62.61 0.25 0.00	77.90 0.23 0.00	71.58 0.07 0.00	53.67 0.27 0.00	44.71 0.27 0.00	39.29 0.20 0.00	37.47 0.11 0.00
GREENDGE_115KV_TB5 80291	37.72 0.59 0.00	35.89 0.70 0.00	34.23 0.70 0.00	34.08 0.67 0.00	34.37 0.54 0.00	37.42 0.66 0.00	49.88 1.12 0.00	64.14 1.26 0.00	61.28 0.55 0.00	49.43 0.54 0.00	47.92 0.00 0.00	47.42 -0.05 0.00	45.45 -0.14 0.00	45.64 -0.05 0.00	43.55 -0.17 0.00	43.53 -0.17 0.00	49.13 -0.05 0.00	63.11 0.75 0.00	79.22 1.55 0.00	73.15 1.64 0.00	53.83 0.43 0.00	44.62 0.18 0.00	39.29 0.20 0.00	37.85 0.49 0.00
GREENIDGE___3 23582	37.72 0.59 0.00	35.89 0.70 0.00	34.23 0.70 0.00	34.08 0.67 0.00	34.37 0.54 0.00	37.42 0.66 0.00	49.88 1.12 0.00	64.14 1.26 0.00	61.28 0.55 0.00	49.43 0.54 0.00	47.92 0.00 0.00	47.42 -0.05 0.00	45.45 -0.14 0.00	45.64 -0.05 0.00	43.55 -0.17 0.00	43.53 -0.17 0.00	49.13 -0.05 0.00	63.11 0.75 0.00	79.22 1.55 0.00	73.15 1.64 0.00	53.83 0.43 0.00	44.62 0.18 0.00	39.29 0.20 0.00	37.85 0.49 0.00
GREENIDGE___4 23583	37.72 0.59 0.00	35.89 0.70 0.00	34.24 0.71 0.00	34.08 0.67 0.00	34.51 0.68 0.00	37.42 0.66 0.00	49.83 1.07 0.00	64.14 1.26 0.00	61.28 0.55 0.00	49.43 0.54 0.00	47.92 0.00 0.00	47.42 -0.05 0.00	45.45 -0.14 0.00	45.64 -0.05 0.00	43.55 -0.17 0.00	43.53 -0.17 0.00	49.13 -0.05 0.00	63.11 0.75 0.00	79.22 1.55 0.00	73.15 1.65 0.00	53.99 0.59 0.00	44.67 0.22 0.00	39.33 0.24 0.00	37.85 0.48 0.00
GREENLWN_69_KV_BK 3 55738	38.17 1.04 0.00	35.89 0.70 0.00	34.40 0.87 0.00	34.55 1.14 0.00	35.15 1.32 0.00	38.63 1.87 0.00	49.29 0.54 0.00	63.83 0.94 0.00	61.89 1.15 0.00	49.92 1.03 -0.01	50.02 2.11 0.00	49.50 2.04 0.00	47.27 1.69 0.00	46.96 1.28 0.00	45.21 1.49 0.00	45.18 1.49 0.00	50.51 1.38 0.05	60.60 0.81 2.58	60.41 1.01 18.26	72.35 0.86 0.01	54.57 1.17 0.00	45.42 0.98 0.00	39.91 0.82 0.00	38.00 0.64 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	38.87 1.74 0.00	36.88 1.69 -0.01	35.11 1.58 -0.01	35.06 1.64 -0.01	35.56 1.73 -0.01	38.30 1.54 0.00	50.02 1.27 0.00	65.40 2.52 0.00	63.41 2.67 0.00	51.00 2.10 0.00	50.31 2.40 0.00	50.07 2.61 0.00	48.27 2.69 0.00	48.39 2.70 0.00	46.48 2.75 0.00	46.32 2.62 0.00	52.08 2.90 0.00	65.98 3.62 0.00	82.09 4.43 0.00	75.37 3.86 0.00	56.18 2.78 0.00	46.98 2.53 0.00	41.25 2.15 0.00	39.42 2.05 0.00
GRISSOM___SOLAR 323813	38.35 1.22 0.00	36.31 1.13 0.00	34.60 1.07 0.00	34.51 1.10 0.00	35.01 1.18 0.00	38.15 1.40 0.00	51.14 2.39 0.00	66.09 3.21 0.00	63.17 2.43 0.00	50.12 1.22 0.00	48.78 0.86 0.00	47.84 0.38 0.00	45.72 0.14 0.00	45.92 0.23 0.00	44.08 0.35 0.00	44.31 0.61 0.00	50.31 1.13 0.00	64.48 2.12 0.00	80.77 3.11 0.00	74.15 2.65 0.00	55.43 2.03 0.00	46.09 1.65 0.00	40.35 1.25 0.00	38.48 1.12 0.00
GROVEVILLE___HYD 323602	38.54 1.41 0.00	36.49 1.30 0.00	34.70 1.17 0.00	34.61 1.20 0.00	35.12 1.29 0.00	38.15 1.40 0.00	50.61 1.85 0.00	65.78 2.89 0.00	63.59 2.85 0.00	51.04 2.15 0.00	50.07 2.16 0.00	49.79 2.33 0.00	46.17 2.19 1.60	46.28 2.19 1.61	44.37 2.19 1.54	45.93 2.23 0.00	51.79 2.61 0.00	65.61 3.24 0.00	81.86 4.19 0.00	75.15 3.65 0.00	56.12 2.72 0.00	46.76 2.31 0.00	41.01 1.92 0.00	39.04 1.68 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	36.94 -0.19 0.00	35.01 -0.18 0.00	33.33 -0.20 0.00	33.21 -0.20 0.00	33.59 -0.24 0.00	36.54 -0.22 0.00	48.85 -0.10 -0.19	63.07 -0.13 -0.31	60.62 -0.30 -0.19	48.65 -0.24 0.00	47.71 -0.34 -0.13	47.16 -0.43 -0.13	45.18 -0.41 0.00	45.28 -0.41 0.00	43.29 -0.44 0.00	43.27 -0.44 0.00	48.74 -0.44 0.00	62.05 -0.31 0.00	77.58 -0.08 0.00	71.50 0.00 0.00	53.32 -0.27 -0.19	44.18 -0.27 0.00	38.90 -0.20 0.00	37.21 -0.15 0.00
HAMLTNNY_34_KV_TB 80303	37.02 -0.11 0.00	35.08 -0.11 0.00	33.43 -0.10 0.00	33.31 -0.10 0.00	33.70 -0.14 0.00	36.65 -0.11 0.00	48.97 0.05 -0.17	63.22 0.06 -0.27	60.78 -0.12 -0.17	48.80 -0.10 0.00	47.79 -0.24 -0.11	47.24 -0.33 -0.11	45.27 -0.32 0.00	45.37 -0.32 0.00	43.33 -0.39 0.00	43.31 -0.39 0.00	48.84 -0.34 0.00	62.24 -0.12 0.00	77.82 0.16 0.00	71.72 0.21 0.00	53.46 -0.11 -0.17	44.27 -0.18 0.00	38.94 -0.16 0.00	37.32 -0.04 0.00

HAMPSHIRE___PAPER_HYD 323593	37.98 0.85 0.00	36.03 0.84 0.00	34.33 0.80 0.00	34.11 0.70 0.00	34.57 0.74 0.00	37.75 0.99 0.00	55.68 1.71 -5.21	73.66 2.39 -8.39	68.01 2.07 -5.21	50.12 1.17 -0.06	52.44 1.01 -3.51	51.78 0.81 -3.51	46.46 0.82 -0.06	46.33 0.64 0.00	44.21 0.48 0.00	44.31 0.61 0.00	49.82 0.64 0.00	63.17 0.81 0.00	78.98 1.32 0.00	73.08 1.57 0.00	59.90 1.23 -5.27	45.33 0.89 0.00	39.84 0.74 0.00	38.04 0.67 0.00
HARDSCRABBLE_WT_PWR 323673	38.31 1.19 0.00	36.38 1.20 0.00	34.70 1.17 0.00	34.58 1.17 0.00	35.05 1.22 0.00	38.12 1.36 0.00	50.89 1.95 -0.18	65.69 2.52 -0.29	63.41 2.49 -0.18	50.80 1.90 0.00	49.91 1.87 -0.12	49.39 1.80 -0.12	47.27 1.69 0.00	47.33 1.64 0.00	45.17 1.44 0.00	45.14 1.44 0.00	50.75 1.57 0.00	64.42 2.05 0.00	80.22 2.56 0.00	73.86 2.36 0.00	55.29 1.71 -0.19	45.96 1.51 0.00	40.35 1.25 0.00	38.63 1.27 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	38.50 1.37 0.00	36.45 1.27 0.00	34.67 1.14 0.00	34.61 1.20 0.00	35.12 1.29 0.00	38.12 1.36 0.00	50.56 1.80 0.00	65.65 2.77 0.00	63.47 2.73 0.00	51.00 2.10 0.00	50.07 2.16 0.00	49.84 2.37 0.00	47.77 2.19 0.00	47.93 2.24 0.00	45.96 2.23 0.00	45.97 2.27 0.00	51.79 2.61 0.00	65.73 3.37 0.00	82.01 4.35 0.00	75.37 3.86 0.00	56.23 2.83 0.00	46.76 2.31 0.00	41.01 1.92 0.00	39.01 1.64 0.00
HARSNRAD_115KV_TB1 81005	37.13 0.00 0.00	35.61 0.42 0.00	34.13 0.60 0.00	33.95 0.53 0.00	33.97 0.14 0.00	36.72 -0.04 0.00	47.88 -0.88 0.00	60.94 -1.95 0.00	58.01 -2.73 0.00	47.87 -1.03 0.00	46.10 -1.82 0.00	45.61 -1.85 0.00	43.81 -1.78 0.00	44.14 -1.55 0.00	42.07 -1.66 0.00	41.78 -1.92 0.00	46.77 -2.41 0.00	59.74 -2.62 0.00	74.56 -3.11 0.00	68.93 -2.57 0.00	50.25 -3.15 0.00	42.04 -2.40 0.00	37.57 -1.52 0.00	36.99 -0.37 0.00
HARZA MOOSE___RIVER 24016	37.94 0.82 0.00	36.00 0.81 0.00	34.30 0.77 0.00	34.08 0.67 0.00	34.57 0.74 0.00	37.68 0.92 0.00	51.87 1.66 -1.46	67.61 2.39 -2.34	64.32 2.13 -1.46	50.13 1.22 -0.02	49.91 1.01 -0.98	49.21 0.76 -0.98	46.42 0.82 -0.02	46.42 0.73 0.00	44.30 0.57 0.00	44.40 0.70 0.00	50.11 0.93 0.00	63.86 1.50 0.00	79.99 2.33 0.00	73.94 2.43 0.00	56.51 1.66 -1.45	45.56 1.11 0.00	39.80 0.70 0.00	38.07 0.71 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	36.72 -0.41 0.00	34.80 -0.39 0.00	33.16 -0.37 0.00	33.04 -0.37 0.00	33.42 -0.41 0.00	36.32 -0.44 0.00	48.48 -0.49 -0.21	62.66 -0.57 -0.35	60.22 -0.73 -0.21	48.36 -0.54 0.00	47.39 -0.67 -0.14	46.89 -0.71 -0.14	44.90 -0.68 0.00	45.00 -0.69 0.00	43.03 -0.70 0.00	43.00 -0.70 0.00	48.44 -0.74 0.00	61.61 -0.75 0.00	76.96 -0.70 0.00	70.93 -0.57 0.00	52.97 -0.64 -0.21	43.87 -0.58 0.00	38.63 -0.47 0.00	36.99 -0.37 0.00
HELLGATE_13_KV_LD 55870	39.02 1.89 0.00	36.99 1.79 -0.01	35.15 1.61 -0.01	35.09 1.67 -0.01	35.60 1.76 -0.01	38.52 1.76 0.00	50.32 1.56 0.00	65.71 2.83 0.00	63.71 2.98 0.00	51.29 2.40 0.00	50.60 2.68 0.00	50.36 2.90 0.00	48.55 2.96 0.00	48.66 2.97 0.00	46.70 2.97 0.00	46.54 2.84 0.00	52.28 3.10 0.00	66.10 3.74 0.00	82.17 4.50 0.00	75.44 3.93 0.00	56.34 2.94 0.00	47.07 2.62 0.00	41.36 2.27 0.00	39.53 2.17 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	39.02 1.89 0.00	36.99 1.79 -0.01	35.15 1.61 -0.01	35.09 1.67 -0.01	35.60 1.76 -0.01	38.52 1.76 0.00	50.32 1.56 0.00	65.71 2.83 0.00	63.71 2.98 0.00	51.29 2.40 0.00	50.60 2.68 0.00	50.36 2.90 0.00	48.55 2.96 0.00	48.66 2.97 0.00	46.70 2.97 0.00	46.54 2.84 0.00	52.28 3.10 0.00	66.10 3.74 0.00	82.17 4.50 0.00	75.44 3.93 0.00	56.34 2.94 0.00	47.07 2.62 0.00	41.36 2.27 0.00	39.53 2.17 0.00
HEMPSTEAD____ 23647	38.17 1.04 0.00	36.00 0.81 0.00	34.44 0.91 0.00	34.55 1.14 0.00	34.98 1.15 0.00	38.45 1.69 0.00	49.92 1.17 0.00	64.71 1.82 0.00	62.74 2.00 0.00	50.56 1.66 0.00	50.50 2.59 0.00	50.02 2.56 0.00	47.95 2.37 0.00	47.88 2.19 0.00	46.04 2.32 0.00	46.02 2.31 0.00	51.49 2.31 0.01	64.14 2.24 0.46	77.19 2.79 3.27	74.00 2.50 0.01	55.64 2.24 0.00	46.35 1.91 0.00	40.50 1.41 0.00	38.59 1.23 0.00
HICKLING___1 23621	37.72 0.59 0.00	35.92 0.74 0.00	34.30 0.77 0.00	34.18 0.77 0.00	34.41 0.58 0.00	37.38 0.62 0.00	49.58 0.83 0.00	63.64 0.75 0.00	60.68 -0.06 0.00	49.19 0.29 0.00	47.72 -0.19 0.00	47.32 -0.14 0.00	45.36 -0.23 0.00	45.60 -0.09 0.00	43.55 -0.17 0.00	43.35 -0.35 0.00	48.93 -0.25 0.00	62.74 0.37 0.00	78.75 1.09 0.00	72.79 1.29 0.00	53.51 0.11 0.00	44.36 -0.09 0.00	39.13 0.04 0.00	37.81 0.45 0.00
HICKLING___2 23622	37.72 0.59 0.00	35.92 0.74 0.00	34.30 0.77 0.00	34.18 0.77 0.00	34.41 0.58 0.00	37.38 0.62 0.00	49.58 0.83 0.00	63.64 0.75 0.00	60.68 -0.06 0.00	49.19 0.29 0.00	47.72 -0.19 0.00	47.32 -0.14 0.00	45.36 -0.23 0.00	45.60 -0.09 0.00	43.55 -0.17 0.00	43.35 -0.35 0.00	48.93 -0.25 0.00	62.74 0.37 0.00	78.75 1.09 0.00	72.79 1.29 0.00	53.51 0.11 0.00	44.36 -0.09 0.00	39.13 0.04 0.00	37.81 0.45 0.00
HIGH FALLS___HY 23754	38.95 1.82 0.00	36.91 1.72 0.00	35.07 1.54 0.00	35.02 1.60 0.00	35.56 1.73 0.00	38.60 1.84 0.00	51.29 2.54 0.00	66.72 3.84 0.00	64.32 3.58 0.00	51.53 2.64 0.00	50.50 2.59 0.00	50.21 2.75 0.00	36.56 2.55 11.58	36.69 2.60 11.60	35.18 2.58 11.13	46.36 2.67 0.00	52.33 3.15 0.00	66.54 4.18 0.00	83.10 5.44 0.00	76.44 4.93 0.00	56.92 3.52 0.00	47.38 2.93 0.00	41.44 2.35 0.00	39.45 2.09 0.00
HIGH_RIVER___SOLAR 323847	38.20 1.08 0.00	36.17 0.98 0.00	34.47 0.94 0.00	34.38 0.97 0.00	34.84 1.01 0.00	37.97 1.21 0.00	50.80 2.05 0.00	65.53 2.64 0.00	62.62 1.88 0.00	49.58 0.68 0.00	48.40 0.48 0.00	47.65 0.19 0.00	45.63 0.05 0.00	45.87 0.18 0.00	44.04 0.31 0.00	44.23 0.53 0.00	50.16 0.98 0.00	64.17 1.81 0.00	80.38 2.72 0.00	73.79 2.29 0.00	55.16 1.76 0.00	45.91 1.46 0.00	40.19 1.09 0.00	38.37 1.01 0.00
HILLBURN___GT 23639	38.43 1.30 0.00	36.38 1.20 0.00	34.60 1.07 0.00	34.55 1.14 0.00	35.01 1.18 0.00	38.08 1.32 0.00	50.41 1.66 0.00	65.46 2.58 0.00	63.29 2.55 0.00	50.95 2.05 0.00	50.07 2.16 0.00	49.88 2.42 0.00	47.86 2.28 0.00	47.97 2.28 0.00	46.04 2.32 0.00	45.97 2.27 0.00	51.78 2.60 0.00	65.54 3.18 0.00	81.78 4.11 0.00	75.15 3.64 0.00	56.12 2.72 0.00	46.75 2.31 0.00	40.93 1.84 0.00	38.97 1.61 0.00
HILLSIDE_115KV_TB1 80332	37.28 0.15 0.00	35.50 0.32 0.00	33.87 0.34 0.00	33.75 0.33 0.00	34.00 0.17 0.00	36.90 0.15 0.00	48.85 0.10 0.00	62.70 -0.19 0.00	59.89 -0.85 0.00	48.60 -0.29 0.00	47.20 -0.72 0.00	46.85 -0.62 0.00	44.90 -0.68 0.00	45.14 -0.55 0.00	43.16 -0.57 0.00	43.00 -0.70 0.00	48.49 -0.69 0.00	62.05 -0.31 0.00	77.82 0.16 0.00	71.86 0.36 0.00	52.92 -0.48 0.00	43.87 -0.58 0.00	38.70 -0.39 0.00	37.40 0.04 0.00

HISHELDN_WT_PWR 323625	37.35 0.22 0.00	35.78 0.60 0.00	34.27 0.74 0.00	34.08 0.67 0.00	34.44 0.61 0.00	37.02 0.26 0.00	48.46 -0.29 0.00	62.00 -0.88 0.00	58.97 -1.76 0.00	48.31 -0.58 0.00	46.53 -1.39 0.00	46.09 -1.38 0.00	44.22 -1.37 0.00	44.55 -1.14 0.00	42.46 -1.27 0.00	42.17 -1.53 0.00	47.36 -1.82 0.00	60.74 -1.62 0.00	76.11 -1.55 0.00	70.29 -1.22 0.00	51.58 -1.82 0.00	42.85 -1.60 0.00	38.12 -0.98 0.00	37.14 -0.22 0.00
HOLTSVILLE_IC_1 23690	38.13 1.00 0.00	35.78 0.60 0.00	34.27 0.74 0.00	34.38 0.97 0.00	34.84 1.01 0.00	38.52 1.76 0.00	49.05 0.29 0.00	63.33 0.44 0.00	61.41 0.67 0.00	49.49 0.63 0.04	49.84 1.92 0.00	49.22 1.76 0.00	47.22 1.64 0.00	46.97 1.28 0.00	45.21 1.49 0.00	45.23 1.53 0.00	50.40 1.23 0.01	62.22 0.56 0.70	73.25 0.55 4.96	72.14 0.64 0.01	54.52 1.12 0.00	45.47 1.02 0.00	40.07 0.98 0.00	38.30 0.93 0.00
HOLTSVILLE_IC_10 23699	38.28 1.15 0.00	35.89 0.70 0.00	34.40 0.87 0.00	34.48 1.07 0.00	34.98 1.15 0.00	38.67 1.91 0.00	49.24 0.49 0.00	63.58 0.69 0.00	61.65 0.91 0.00	49.68 0.83 0.04	50.02 2.11 0.00	49.41 1.95 0.00	47.41 1.83 0.00	47.19 1.51 0.00	45.30 1.57 0.00	45.32 1.62 0.00	50.54 1.38 0.01	62.30 0.81 0.87	72.41 0.94 6.18	72.50 1.00 0.01	54.78 1.39 0.00	45.64 1.20 0.00	40.23 1.13 0.00	38.45 1.08 0.00
HOLTSVILLE_IC_2 23691	38.13 1.00 0.00	35.78 0.60 0.00	34.27 0.74 0.00	34.38 0.97 0.00	34.84 1.01 0.00	38.52 1.76 0.00	49.05 0.29 0.00	63.33 0.44 0.00	61.41 0.67 0.00	49.49 0.63 0.04	49.84 1.92 0.00	49.22 1.76 0.00	47.22 1.64 0.00	46.97 1.28 0.00	45.21 1.49 0.00	45.23 1.53 0.00	50.40 1.23 0.01	62.22 0.56 0.70	73.25 0.55 4.96	72.14 0.64 0.01	54.52 1.12 0.00	45.47 1.02 0.00	40.07 0.98 0.00	38.30 0.93 0.00
HOLTSVILLE_IC_3 23692	38.13 1.00 0.00	35.78 0.60 0.00	34.27 0.74 0.00	34.38 0.97 0.00	34.84 1.01 0.00	38.52 1.76 0.00	49.05 0.29 0.00	63.33 0.44 0.00	61.41 0.67 0.00	49.49 0.63 0.04	49.84 1.92 0.00	49.22 1.76 0.00	47.22 1.64 0.00	46.97 1.28 0.00	45.21 1.49 0.00	45.23 1.53 0.00	50.40 1.23 0.01	62.22 0.56 0.70	73.25 0.55 4.96	72.14 0.64 0.01	54.52 1.12 0.00	45.47 1.02 0.00	40.07 0.98 0.00	38.30 0.93 0.00
HOLTSVILLE_IC_4 23693	38.13 1.00 0.00	35.78 0.60 0.00	34.27 0.74 0.00	34.38 0.97 0.00	34.84 1.01 0.00	38.52 1.76 0.00	49.05 0.29 0.00	63.33 0.44 0.00	61.41 0.67 0.00	49.49 0.63 0.04	49.84 1.92 0.00	49.22 1.76 0.00	47.22 1.64 0.00	46.97 1.28 0.00	45.21 1.49 0.00	45.23 1.53 0.00	50.40 1.23 0.01	62.22 0.56 0.70	73.25 0.55 4.96	72.14 0.64 0.01	54.52 1.12 0.00	45.47 1.02 0.00	40.07 0.98 0.00	38.30 0.93 0.00
HOLTSVILLE_IC_5 23694	38.13 1.00 0.00	35.78 0.60 0.00	34.27 0.74 0.00	34.38 0.97 0.00	34.84 1.01 0.00	38.52 1.76 0.00	49.05 0.29 0.00	63.33 0.44 0.00	61.41 0.67 0.00	49.49 0.63 0.04	49.84 1.92 0.00	49.22 1.76 0.00	47.22 1.64 0.00	46.97 1.28 0.00	45.21 1.49 0.00	45.23 1.53 0.00	50.40 1.23 0.01	62.22 0.56 0.70	73.25 0.55 4.96	72.14 0.64 0.01	54.52 1.12 0.00	45.47 1.02 0.00	40.07 0.98 0.00	38.30 0.93 0.00
HOLTSVILLE_IC_6 23695	38.28 1.15 0.00	35.89 0.70 0.00	34.40 0.87 0.00	34.48 1.07 0.00	34.98 1.15 0.00	38.67 1.91 0.00	49.24 0.49 0.00	63.58 0.69 0.00	61.65 0.91 0.00	49.68 0.83 0.04	50.02 2.11 0.00	49.41 1.95 0.00	47.41 1.83 0.00	47.19 1.51 0.00	45.30 1.57 0.00	45.32 1.62 0.00	50.54 1.38 0.01	62.30 0.81 0.87	72.41 0.94 6.18	72.50 1.00 0.01	54.78 1.39 0.00	45.64 1.20 0.00	40.23 1.13 0.00	38.45 1.08 0.00
HOLTSVILLE_IC_7 23696	38.28 1.15 0.00	35.89 0.70 0.00	34.40 0.87 0.00	34.48 1.07 0.00	34.98 1.15 0.00	38.67 1.91 0.00	49.24 0.49 0.00	63.58 0.69 0.00	61.65 0.91 0.00	49.68 0.83 0.04	50.02 2.11 0.00	49.41 1.95 0.00	47.41 1.83 0.00	47.19 1.51 0.00	45.30 1.57 0.00	45.32 1.62 0.00	50.54 1.38 0.01	62.30 0.81 0.87	72.41 0.94 6.18	72.50 1.00 0.01	54.78 1.39 0.00	45.64 1.20 0.00	40.23 1.13 0.00	38.45 1.08 0.00
HOLTSVILLE_IC_8 23697	38.28 1.15 0.00	35.89 0.70 0.00	34.40 0.87 0.00	34.48 1.07 0.00	34.98 1.15 0.00	38.67 1.91 0.00	49.24 0.49 0.00	63.58 0.69 0.00	61.65 0.91 0.00	49.68 0.83 0.04	50.02 2.11 0.00	49.41 1.95 0.00	47.41 1.83 0.00	47.19 1.51 0.00	45.30 1.57 0.00	45.32 1.62 0.00	50.54 1.38 0.01	62.30 0.81 0.87	72.41 0.94 6.18	72.50 1.00 0.01	54.78 1.39 0.00	45.64 1.20 0.00	40.23 1.13 0.00	38.45 1.08 0.00
HOLTSVILLE_IC_9 23698	38.28 1.15 0.00	35.89 0.70 0.00	34.40 0.87 0.00	34.48 1.07 0.00	34.98 1.15 0.00	38.67 1.91 0.00	49.24 0.49 0.00	63.58 0.69 0.00	61.65 0.91 0.00	49.68 0.83 0.04	50.02 2.11 0.00	49.41 1.95 0.00	47.41 1.83 0.00	47.19 1.51 0.00	45.30 1.57 0.00	45.32 1.62 0.00	50.54 1.38 0.01	62.30 0.81 0.87	72.41 0.94 6.18	72.50 1.00 0.01	54.78 1.39 0.00	45.64 1.20 0.00	40.23 1.13 0.00	38.45 1.08 0.00
HOMER_HL_115KV_TB2 355744	37.09 -0.04 0.00	35.50 0.32 0.00	33.93 0.40 0.00	33.81 0.40 0.00	33.97 0.14 0.00	36.83 0.07 0.00	48.61 -0.15 0.00	67.29 4.40 0.00	63.47 2.73 0.00	52.46 3.57 0.00	46.57 -1.34 0.00	46.42 -1.04 0.00	44.40 -1.19 0.00	44.73 -0.96 0.00	42.72 -1.01 0.00	42.43 -1.27 0.00	47.80 -1.38 0.00	61.30 -1.06 0.00	76.96 -0.70 0.00	71.29 -0.21 0.00	51.90 -1.50 0.00	43.11 -1.33 0.00	38.20 -0.90 0.00	37.14 -0.22 0.00
HOWARD_WT_PWR 323690	37.83 0.70 0.00	36.17 0.98 0.00	34.50 0.97 0.00	34.35 0.93 0.00	34.71 0.88 0.00	37.49 0.73 0.00	49.58 0.83 0.00	63.64 0.76 0.00	60.44 -0.30 0.00	48.99 0.10 0.00	47.25 -0.67 0.00	46.70 -0.76 0.00	44.77 -0.82 0.00	45.01 -0.68 0.00	42.94 -0.79 0.00	42.70 -1.00 0.00	48.14 -1.04 0.00	61.99 -0.37 0.00	78.05 0.39 0.00	72.07 0.57 0.00	52.92 -0.48 0.00	43.69 -0.76 0.00	38.55 -0.55 0.00	37.29 -0.07 0.00
HQ_GEN_CEDARS 23644	37.68 0.56 0.00	35.75 0.56 0.00	34.07 0.54 0.00	33.91 0.50 0.00	34.34 0.51 0.00	37.49 0.74 0.00	62.54 0.93 -12.86	84.69 1.13 -20.67	74.60 1.03 -12.83	49.77 0.73 -0.14	57.39 0.81 -8.66	56.93 0.81 -8.66	46.46 0.73 -0.14	46.33 0.64 0.00	44.47 0.74 0.00	44.45 0.74 0.00	49.92 0.74 0.00	63.24 0.87 0.00	78.44 0.78 0.00	72.22 0.72 0.00	66.94 0.75 -12.79	44.93 0.49 0.00	39.60 0.51 0.00	37.77 0.41 0.00
HQ_GEN_CEDARS_PROXY 323590	37.68 0.56 0.00	35.75 0.56 0.00	34.07 0.53 0.00	33.91 0.50 0.00	34.34 0.51 0.00	37.49 0.73 0.00	62.53 0.92 -12.86	84.69 1.13 -20.67	73.36 1.03 -11.59	51.01 0.73 -1.38	57.39 0.81 -8.66	56.93 0.81 -8.66	46.45 0.73 -0.14	46.33 0.64 0.00	44.47 0.74 0.00	44.44 0.74 0.00	49.92 0.74 0.00	63.23 0.87 0.00	78.44 0.78 0.00	72.22 0.71 0.00	67.02 0.64 -12.98	44.89 0.44 0.00	39.60 0.51 0.00	37.77 0.41 0.00

HQ_GEN_IMPORT 323601	37.35 0.22 0.00	35.40 0.21 0.00	33.73 0.20 0.00	33.61 0.20 0.00	34.03 0.20 0.00	36.98 0.22 0.00	48.63 0.25 0.37	62.55 0.25 0.59	59.38 0.24 1.60	50.32 0.20 -1.23	47.86 0.19 0.25	47.41 0.19 0.25	45.81 0.23 0.00	45.87 0.18 0.00	43.90 0.18 0.00	43.88 0.18 0.00	49.33 0.15 0.00	62.55 0.19 0.00	77.82 0.16 0.00	71.65 0.14 0.00	53.14 0.11 0.37	44.49 0.04 0.00	39.21 0.12 0.00	37.44 0.07 0.00
HQ_GEN_WHEEL 23651	37.35 0.22 0.00	35.40 0.21 0.00	33.73 0.20 0.00	33.61 0.20 0.00	34.03 0.20 0.00	36.98 0.22 0.00	48.63 0.25 0.37	62.55 0.25 0.59	59.38 0.24 1.60	50.32 0.20 -1.23	47.86 0.19 0.25	47.41 0.19 0.25	45.81 0.23 0.00	45.87 0.18 0.00	43.90 0.18 0.00	43.88 0.18 0.00	49.33 0.15 0.00	62.55 0.19 0.00	77.82 0.16 0.00	71.65 0.14 0.00	53.14 0.11 0.37	44.49 0.04 0.00	39.21 0.12 0.00	37.44 0.07 0.00
HUDSON AVE_GT_3 23810	38.69 1.56 0.00	36.63 1.44 0.00	34.84 1.31 0.00	34.78 1.37 0.00	35.29 1.45 0.00	38.30 1.54 0.00	50.51 1.76 0.00	65.84 2.96 0.00	63.78 3.04 0.00	51.34 2.44 0.00	50.60 2.68 0.00	50.36 2.90 0.00	48.41 2.83 0.00	48.52 2.83 0.00	46.57 2.84 0.00	46.46 2.75 0.00	52.28 3.10 0.00	65.98 3.62 0.00	82.17 4.50 0.00	75.44 3.93 0.00	56.39 2.99 0.00	47.02 2.58 0.00	41.25 2.15 0.00	39.23 1.87 0.00
HUDSON AVE_GT_4 23540	38.69 1.56 0.00	36.63 1.44 0.00	34.84 1.31 0.00	34.78 1.37 0.00	35.29 1.45 0.00	38.30 1.54 0.00	50.51 1.76 0.00	65.84 2.96 0.00	63.78 3.04 0.00	51.34 2.44 0.00	50.60 2.68 0.00	50.36 2.90 0.00	48.41 2.83 0.00	48.52 2.83 0.00	46.57 2.84 0.00	46.46 2.75 0.00	52.28 3.10 0.00	65.98 3.62 0.00	82.17 4.50 0.00	75.44 3.93 0.00	56.39 2.99 0.00	47.02 2.58 0.00	41.25 2.15 0.00	39.23 1.87 0.00
HUDSON AVE_GT_5 23657	38.69 1.56 0.00	36.63 1.44 0.00	34.84 1.31 0.00	34.78 1.37 0.00	35.29 1.45 0.00	38.30 1.54 0.00	50.51 1.76 0.00	65.84 2.96 0.00	63.78 3.04 0.00	51.34 2.44 0.00	50.60 2.68 0.00	50.36 2.90 0.00	48.41 2.83 0.00	48.52 2.83 0.00	46.57 2.84 0.00	46.46 2.75 0.00	52.28 3.10 0.00	65.98 3.62 0.00	82.17 4.50 0.00	75.44 3.93 0.00	56.39 2.99 0.00	47.02 2.58 0.00	41.25 2.15 0.00	39.23 1.87 0.00
HUDSON_AVE_10 24168	38.61 1.49 0.00	36.56 1.37 0.00	34.77 1.24 0.00	34.71 1.30 0.00	35.22 1.39 0.00	38.23 1.47 0.00	50.36 1.61 0.00	65.71 2.83 0.00	63.65 2.92 0.00	51.24 2.35 0.00	50.50 2.59 0.00	50.22 2.75 0.00	48.27 2.69 0.00	48.43 2.74 0.00	46.48 2.75 0.00	46.32 2.62 0.00	52.13 2.95 0.00	65.85 3.49 0.00	82.01 4.35 0.00	75.29 3.79 0.00	56.28 2.88 0.00	46.89 2.44 0.00	41.17 2.07 0.00	39.16 1.79 0.00
HUDSON___115KV_TB 4 355613	37.42 0.30 0.00	35.43 0.25 0.00	33.77 0.23 0.00	33.68 0.27 0.00	34.14 0.30 0.00	37.53 0.77 0.00	50.36 1.61 0.00	64.96 2.08 0.00	62.84 2.13 0.02	49.63 0.73 0.00	48.42 0.53 0.02	48.01 0.57 0.02	-15.36 0.64 61.58	-15.34 0.69 61.72	-14.72 0.74 59.19	44.38 0.70 0.02	49.82 0.64 0.00	63.36 1.00 0.00	79.06 1.40 0.00	72.58 1.07 0.00	54.36 0.96 0.00	45.20 0.76 0.00	39.84 0.74 0.00	38.00 0.64 0.00
HUNTER MOUNT___DRP 323613	37.39 0.26 0.00	35.40 0.21 0.00	33.73 0.20 0.00	33.65 0.23 0.00	34.10 0.27 0.00	37.27 0.51 0.00	50.02 1.27 0.00	64.52 1.64 0.00	62.54 1.82 0.02	49.28 0.39 0.00	48.13 0.24 0.02	47.73 0.28 0.02	-17.36 0.46 63.41	-17.36 0.50 63.55	-16.65 0.57 60.94	44.12 0.44 0.02	49.62 0.44 0.00	63.24 0.87 0.00	78.98 1.32 0.00	72.51 1.00 0.00	54.25 0.85 0.00	45.11 0.67 0.00	39.80 0.70 0.00	37.96 0.60 0.00
HUNTINGTON_RES_REC 323705	38.24 1.11 0.00	35.93 0.74 0.00	34.40 0.87 0.00	34.55 1.14 0.00	35.01 1.18 0.00	38.63 1.87 0.00	49.29 0.54 0.00	63.70 0.82 0.00	61.77 1.03 0.00	49.79 0.88 -0.02	50.02 2.11 0.00	49.46 1.99 0.00	47.32 1.73 0.00	47.01 1.33 0.00	45.25 1.53 0.00	45.27 1.57 0.00	50.52 1.38 0.03	61.14 0.75 1.97	64.56 0.86 13.96	72.36 0.86 0.01	54.68 1.28 0.00	45.51 1.06 0.00	39.95 0.86 0.00	38.11 0.75 0.00
HUNTLEY___63 23557	37.54 0.41 0.00	36.03 0.84 0.00	34.50 0.97 0.00	34.35 0.94 0.00	34.34 0.51 0.00	37.05 0.29 0.00	48.27 -0.49 0.00	61.50 -1.38 0.00	58.55 -2.19 0.00	48.36 -0.54 0.00	46.53 -1.39 0.00	46.09 -1.38 0.00	44.22 -1.37 0.00	44.55 -1.14 0.00	42.46 -1.27 0.00	42.17 -1.53 0.00	47.21 -1.97 0.00	60.30 -2.06 0.00	75.26 -2.41 0.00	69.57 -1.93 0.00	50.62 -2.78 0.00	42.36 -2.09 0.00	37.88 -1.21 0.00	37.36 0.00 0.00
HUNTLEY___64 23558	37.54 0.41 0.00	36.03 0.84 0.00	34.50 0.97 0.00	34.35 0.94 0.00	34.34 0.51 0.00	37.05 0.29 0.00	48.27 -0.49 0.00	61.50 -1.38 0.00	58.55 -2.19 0.00	48.36 -0.54 0.00	46.53 -1.39 0.00	46.09 -1.38 0.00	44.22 -1.37 0.00	44.55 -1.14 0.00	42.46 -1.27 0.00	42.17 -1.53 0.00	47.21 -1.97 0.00	60.30 -2.06 0.00	75.26 -2.41 0.00	69.57 -1.93 0.00	50.62 -2.78 0.00	42.36 -2.09 0.00	37.88 -1.21 0.00	37.36 0.00 0.00
HUNTLEY___65 23559	37.54 0.41 0.00	36.03 0.84 0.00	34.50 0.97 0.00	34.35 0.94 0.00	34.34 0.51 0.00	37.05 0.29 0.00	48.27 -0.49 0.00	61.50 -1.38 0.00	58.55 -2.19 0.00	48.36 -0.54 0.00	46.53 -1.39 0.00	46.09 -1.38 0.00	44.22 -1.37 0.00	44.55 -1.14 0.00	42.46 -1.27 0.00	42.17 -1.53 0.00	47.21 -1.97 0.00	60.30 -2.06 0.00	75.26 -2.41 0.00	69.57 -1.93 0.00	50.62 -2.78 0.00	42.36 -2.09 0.00	37.88 -1.21 0.00	37.36 0.00 0.00
HUNTLEY___66 23560	37.54 0.41 0.00	36.03 0.84 0.00	34.50 0.97 0.00	34.35 0.94 0.00	34.34 0.51 0.00	37.05 0.29 0.00	48.27 -0.49 0.00	61.50 -1.38 0.00	58.55 -2.19 0.00	48.36 -0.54 0.00	46.53 -1.39 0.00	46.09 -1.38 0.00	44.22 -1.37 0.00	44.55 -1.14 0.00	42.46 -1.27 0.00	42.17 -1.53 0.00	47.21 -1.97 0.00	60.30 -2.06 0.00	75.26 -2.41 0.00	69.57 -1.93 0.00	50.62 -2.78 0.00	42.36 -2.09 0.00	37.88 -1.21 0.00	37.36 0.00 0.00
HUNTLEY___67 23561	37.20 0.07 0.00	35.68 0.49 0.00	34.17 0.64 0.00	34.01 0.60 0.00	34.03 0.20 0.00	36.79 0.04 0.00	47.98 -0.78 0.00	61.19 -1.70 0.00	58.25 -2.49 0.00	48.06 -0.83 0.00	46.24 -1.68 0.00	45.85 -1.61 0.00	44.04 -1.55 0.00	44.32 -1.37 0.00	42.24 -1.49 0.00	42.00 -1.70 0.00	47.02 -2.16 0.00	59.99 -2.37 0.00	74.87 -2.80 0.00	69.22 -2.29 0.00	50.52 -2.88 0.00	42.22 -2.22 0.00	37.69 -1.41 0.00	37.06 -0.30 0.00
HUNTLEY___68 23562	37.20 0.07 0.00	35.68 0.49 0.00	34.17 0.64 0.00	34.01 0.60 0.00	34.03 0.20 0.00	36.79 0.04 0.00	47.98 -0.78 0.00	61.19 -1.70 0.00	58.25 -2.49 0.00	48.06 -0.83 0.00	46.24 -1.68 0.00	45.85 -1.61 0.00	44.04 -1.55 0.00	44.32 -1.37 0.00	42.24 -1.49 0.00	42.00 -1.70 0.00	47.02 -2.16 0.00	59.99 -2.37 0.00	74.87 -2.80 0.00	69.22 -2.29 0.00	50.52 -2.88 0.00	42.22 -2.22 0.00	37.69 -1.41 0.00	37.06 -0.30 0.00

HYLAND___LFGE 323620	38.95 1.82 0.00	37.19 2.00 0.00	35.44 1.91 0.00	35.25 1.84 0.00	35.66 1.83 0.00	38.70 1.95 0.00	51.63 2.88 0.00	66.22 3.33 0.00	62.62 1.88 0.00	50.16 1.27 0.00	48.21 0.29 0.00	47.51 0.05 0.00	45.40 -0.18 0.00	45.69 0.00 0.00	43.68 -0.04 0.00	43.79 0.09 0.00	49.72 0.54 0.00	64.60 2.24 0.00	81.78 4.11 0.00	75.72 4.22 0.00	55.59 2.19 0.00	46.04 1.60 0.00	40.50 1.41 0.00	39.04 1.68 0.00
INDECK___CORINTH 23802	37.68 0.56 0.00	35.64 0.46 0.00	33.93 0.40 0.00	33.88 0.47 0.00	34.34 0.51 0.00	37.34 0.59 0.00	49.97 1.22 0.00	64.58 1.70 0.00	62.31 1.58 0.00	49.77 0.88 0.00	48.87 0.96 0.00	48.18 0.71 0.00	46.04 0.46 0.00	46.24 0.55 0.00	44.25 0.53 0.00	44.23 0.53 0.00	49.96 0.78 0.00	63.54 1.18 0.00	79.22 1.55 0.00	72.72 1.21 0.00	54.47 1.07 0.00	45.20 0.75 0.00	39.64 0.55 0.00	37.81 0.45 0.00
INDECK___ILION 23567	37.83 0.71 0.00	35.85 0.67 0.00	34.20 0.67 0.00	34.08 0.67 0.00	34.54 0.71 0.00	37.53 0.77 0.00	50.06 1.12 -0.18	64.69 1.51 -0.29	62.38 1.46 -0.18	50.02 1.12 0.00	49.14 1.10 -0.12	48.63 1.04 -0.12	46.59 1.00 0.00	46.65 0.96 0.00	44.60 0.87 0.00	44.58 0.87 0.00	50.16 0.98 0.00	63.61 1.25 0.00	79.29 1.63 0.00	73.01 1.50 0.00	54.65 1.07 -0.18	45.38 0.93 0.00	39.84 0.74 0.00	38.11 0.75 0.00
INDECK___OLEAN 23982	37.09 -0.04 0.00	35.54 0.35 0.00	33.97 0.43 0.00	33.81 0.40 0.00	34.17 0.34 0.00	36.87 0.11 0.00	48.51 -0.24 0.00	67.29 4.40 0.00	63.53 2.80 0.00	52.46 3.57 0.00	46.58 -1.34 0.00	46.42 -1.04 0.00	44.40 -1.19 0.00	44.73 -0.96 0.00	42.72 -1.00 0.00	42.43 -1.27 0.00	47.80 -1.38 0.00	61.30 -1.06 0.00	76.96 -0.70 0.00	71.29 -0.21 0.00	52.12 -1.28 0.00	43.25 -1.20 0.00	38.27 -0.82 0.00	37.14 -0.22 0.00
INDECK___OSWEGO 23783	36.38 -0.74 0.00	34.45 -0.74 0.00	32.83 -0.71 0.00	32.71 -0.70 0.00	33.12 -0.71 0.00	35.98 -0.77 0.00	47.77 -1.31 -0.33	61.72 -1.69 -0.53	59.30 -1.76 -0.33	47.43 -1.47 0.00	46.60 -1.54 -0.22	46.12 -1.57 -0.22	44.09 -1.50 0.00	44.18 -1.51 0.00	42.29 -1.44 0.00	42.26 -1.44 0.00	47.56 -1.62 0.00	60.43 -1.93 0.00	75.49 -2.17 0.00	69.58 -1.93 0.00	52.18 -1.55 -0.33	43.20 -1.24 0.00	38.27 -0.82 0.00	36.61 -0.75 0.00
INDECK___YERKES 23781	37.57 0.45 0.00	36.07 0.88 0.00	34.57 1.04 0.00	34.38 0.97 0.00	34.71 0.88 0.00	37.09 0.33 0.00	48.22 -0.54 0.00	61.56 -1.32 0.00	58.61 -2.13 0.00	48.40 -0.49 0.00	46.58 -1.34 0.00	46.13 -1.33 0.00	44.26 -1.32 0.00	44.59 -1.10 0.00	42.50 -1.22 0.00	42.22 -1.49 0.00	47.26 -1.92 0.00	60.36 -2.00 0.00	75.33 -2.33 0.00	69.65 -1.86 0.00	51.05 -2.35 0.00	42.53 -1.91 0.00	38.04 -1.05 0.00	37.36 0.00 0.00
INDIAN POINT_GT_1 24139	38.35 1.23 0.00	36.31 1.13 0.00	34.54 1.01 0.00	34.48 1.07 0.00	34.98 1.15 0.00	38.01 1.25 0.00	50.22 1.46 0.00	65.27 2.39 0.00	63.17 2.43 0.00	50.85 1.96 0.00	50.02 2.11 0.00	49.79 2.33 0.00	47.77 2.19 0.00	47.88 2.19 0.00	45.96 2.23 0.00	45.89 2.19 0.00	51.69 2.51 0.00	65.36 2.99 0.00	81.39 3.73 0.00	74.79 3.29 0.00	55.91 2.51 0.00	46.58 2.13 0.00	40.85 1.76 0.00	38.86 1.49 0.00
INDIAN POINT_GT_2 23659	38.35 1.23 0.00	36.31 1.13 0.00	34.54 1.01 0.00	34.48 1.07 0.00	34.98 1.15 0.00	38.01 1.25 0.00	50.22 1.46 0.00	65.27 2.39 0.00	63.17 2.43 0.00	50.85 1.96 0.00	50.02 2.11 0.00	49.79 2.33 0.00	47.77 2.19 0.00	47.88 2.19 0.00	45.96 2.23 0.00	45.89 2.19 0.00	51.69 2.51 0.00	65.36 2.99 0.00	81.39 3.73 0.00	74.79 3.29 0.00	55.91 2.51 0.00	46.58 2.13 0.00	40.85 1.76 0.00	38.86 1.49 0.00
INDIAN POINT_GT_3 24019	38.35 1.23 0.00	36.31 1.13 0.00	34.54 1.01 0.00	34.48 1.07 0.00	34.98 1.15 0.00	38.01 1.25 0.00	50.22 1.46 0.00	65.27 2.39 0.00	63.17 2.43 0.00	50.85 1.96 0.00	50.02 2.11 0.00	49.79 2.33 0.00	47.77 2.19 0.00	47.88 2.19 0.00	45.96 2.23 0.00	45.89 2.19 0.00	51.69 2.51 0.00	65.36 2.99 0.00	81.39 3.73 0.00	74.79 3.29 0.00	55.91 2.51 0.00	46.58 2.13 0.00	40.85 1.76 0.00	38.86 1.49 0.00
INDIAN POINT___2 23530	38.35 1.22 0.00	36.31 1.13 0.00	34.54 1.00 0.00	34.48 1.07 0.00	34.95 1.11 0.00	38.01 1.25 0.00	50.22 1.46 0.00	65.27 2.39 0.00	63.17 2.43 0.00	50.80 1.90 0.00	50.02 2.11 0.00	49.79 2.33 0.00	47.82 2.23 0.00	47.93 2.24 0.00	46.00 2.27 0.00	45.93 2.23 0.00	51.69 2.51 0.00	65.36 2.99 0.00	81.39 3.73 0.00	74.87 3.36 0.00	55.96 2.56 0.00	46.62 2.18 0.00	40.81 1.72 0.00	38.89 1.53 0.00
INDIAN POINT___3 23531	38.32 1.19 0.00	36.28 1.09 0.00	34.50 0.97 0.00	34.45 1.04 0.00	34.95 1.12 0.00	37.97 1.21 0.00	50.17 1.41 0.00	65.21 2.33 0.00	63.11 2.37 0.00	50.80 1.91 0.00	49.98 2.06 0.00	49.74 2.28 0.00	47.77 2.19 0.00	47.88 2.19 0.00	45.96 2.23 0.00	45.89 2.19 0.00	51.64 2.46 0.00	65.29 2.93 0.00	81.31 3.65 0.00	74.72 3.22 0.00	55.86 2.46 0.00	46.53 2.09 0.00	40.82 1.72 0.00	38.86 1.49 0.00
INGHAM_C_115KV_TB7 356103	38.69 1.56 0.00	36.70 1.51 0.00	35.01 1.48 0.00	34.88 1.47 0.00	35.35 1.52 0.00	38.45 1.69 0.00	51.33 2.39 -0.18	66.26 3.08 -0.29	63.90 2.98 -0.18	51.24 2.35 0.00	50.34 2.30 -0.12	49.82 2.23 -0.12	47.68 2.10 0.00	47.75 2.06 0.00	45.56 1.84 0.00	45.54 1.84 0.00	51.20 2.02 0.00	64.92 2.56 0.00	80.92 3.26 0.00	74.51 3.00 0.00	55.77 2.19 -0.18	46.36 1.91 0.00	40.70 1.60 0.00	38.97 1.61 0.00
IP CORINTH___1 23988	37.91 0.78 0.00	35.89 0.70 0.00	34.17 0.64 0.00	34.08 0.67 0.00	34.57 0.74 0.00	37.57 0.81 0.00	50.27 1.51 0.00	64.96 2.08 0.00	62.62 1.88 0.00	50.07 1.17 0.00	49.16 1.25 0.00	48.46 1.00 0.00	46.31 0.73 0.00	46.51 0.82 0.00	44.51 0.79 0.00	44.45 0.74 0.00	50.26 1.08 0.00	63.86 1.50 0.00	79.68 2.02 0.00	73.08 1.57 0.00	54.79 1.39 0.00	45.42 0.98 0.00	39.88 0.78 0.00	38.03 0.67 0.00
IP___TICONDEROGA 23804	39.43 2.30 0.00	37.30 2.11 0.00	35.51 1.98 0.00	35.48 2.07 0.00	35.96 2.13 0.00	39.15 2.39 0.00	52.70 3.95 0.00	68.04 5.16 0.00	65.23 4.49 0.00	51.97 3.08 0.00	50.98 3.07 0.00	50.07 2.61 0.00	47.68 2.10 0.00	47.93 2.24 0.00	45.83 2.10 0.00	45.80 2.10 0.00	51.98 2.80 0.00	66.42 4.05 0.00	83.18 5.51 0.00	76.15 4.65 0.00	57.03 3.63 0.00	47.11 2.67 0.00	41.28 2.19 0.00	39.42 2.05 0.00
ISLIP_RES_REC 323679	38.39 1.26 0.00	36.00 0.81 0.00	34.50 0.97 0.00	34.58 1.17 0.00	35.08 1.25 0.00	38.78 2.02 0.00	49.44 0.68 0.00	63.83 0.94 0.00	61.89 1.15 0.00	49.89 1.03 0.04	50.26 2.35 0.00	49.60 2.14 0.00	47.59 2.00 0.00	47.42 1.74 0.00	45.56 1.84 0.00	45.58 1.88 0.00	50.79 1.62 0.01	62.60 1.12 0.89	72.69 1.32 6.29	72.85 1.36 0.01	55.06 1.66 0.00	45.87 1.42 0.00	40.38 1.29 0.00	38.56 1.20 0.00

JAMAICA__27_KV_LOAD 355505	38.76 1.63 0.00	36.73 1.55 0.00	34.91 1.37 0.00	34.85 1.44 0.00	35.35 1.52 0.00	38.38 1.62 0.00	50.71 1.95 0.00	66.15 3.27 0.00	64.08 3.34 0.00	51.53 2.64 0.00	50.70 2.78 0.00	50.45 2.99 0.00	48.50 2.92 0.00	48.61 2.92 0.00	46.70 2.97 0.00	46.50 2.80 0.00	52.43 3.25 0.00	66.23 3.87 0.00	82.48 4.82 0.00	75.80 4.29 0.00	56.60 3.20 0.00	47.11 2.67 0.00	41.40 2.31 0.00	39.30 1.94 0.00
JANIS__SOLAR 323808	38.43 1.30 0.00	36.45 1.26 0.00	34.77 1.24 0.00	34.58 1.17 0.00	35.05 1.22 0.00	38.15 1.40 0.00	51.14 2.39 0.00	66.09 3.21 0.00	63.23 2.49 0.00	50.41 1.52 0.00	48.87 0.96 0.00	48.13 0.66 0.00	46.18 0.59 0.00	46.28 0.59 0.00	44.21 0.48 0.00	44.31 0.61 0.00	50.31 1.13 0.00	64.67 2.31 0.00	81.39 3.73 0.00	75.29 3.79 0.00	55.75 2.35 0.00	46.22 1.78 0.00	40.42 1.33 0.00	38.78 1.42 0.00
JARVIS____ 23743	37.20 0.07 0.00	35.26 0.07 0.00	33.60 0.07 0.00	33.48 0.07 0.00	33.90 0.07 0.00	36.83 0.07 0.00	49.08 0.15 -0.18	63.37 0.19 -0.29	61.17 0.24 -0.18	49.04 0.15 0.00	48.18 0.14 -0.12	47.73 0.14 -0.12	45.72 0.14 0.00	45.83 0.14 0.00	43.86 0.13 0.00	43.83 0.13 0.00	49.38 0.20 0.00	62.61 0.25 0.00	77.97 0.31 0.00	71.79 0.29 0.00	53.80 0.21 -0.19	44.62 0.18 0.00	39.21 0.12 0.00	37.47 0.11 0.00
JENNISON____1 23625	38.39 1.26 0.00	36.45 1.27 0.00	34.77 1.24 0.00	34.58 1.17 0.00	35.05 1.22 0.00	38.12 1.36 0.00	50.95 2.19 0.00	65.90 3.02 0.00	63.29 2.55 0.00	50.65 1.76 0.00	49.31 1.39 0.00	48.65 1.19 0.00	46.72 1.14 0.00	46.83 1.14 0.00	44.65 0.92 0.00	44.71 1.01 0.00	50.61 1.43 0.00	64.67 2.31 0.00	81.16 3.49 0.00	75.01 3.50 0.00	55.54 2.14 0.00	46.13 1.69 0.00	40.39 1.29 0.00	38.78 1.42 0.00
JENNISON____2 23626	38.39 1.26 0.00	36.45 1.27 0.00	34.77 1.24 0.00	34.58 1.17 0.00	35.05 1.22 0.00	38.12 1.36 0.00	50.95 2.19 0.00	65.90 3.02 0.00	63.29 2.55 0.00	50.65 1.76 0.00	49.31 1.39 0.00	48.65 1.19 0.00	46.72 1.14 0.00	46.83 1.14 0.00	44.65 0.92 0.00	44.71 1.01 0.00	50.61 1.43 0.00	64.67 2.31 0.00	81.16 3.49 0.00	75.01 3.50 0.00	55.54 2.14 0.00	46.13 1.69 0.00	40.39 1.29 0.00	38.78 1.42 0.00
JERICOHO_RISE_WT_PWR 323719	37.72 0.59 0.00	35.78 0.60 0.00	34.10 0.57 0.00	33.94 0.53 0.00	34.37 0.54 0.00	37.34 0.59 0.00	50.09 0.49 -0.85	64.57 0.32 -1.37	61.89 0.31 -0.85	49.15 0.25 -0.01	48.78 0.29 -0.57	48.32 0.29 -0.57	46.00 0.41 -0.01	46.01 0.32 0.00	43.95 0.22 0.00	43.92 0.22 0.00	49.23 0.05 0.00	62.42 0.06 0.00	77.43 -0.23 0.00	71.36 -0.14 0.00	54.10 -0.16 -0.86	44.22 -0.22 0.00	39.17 0.08 0.00	37.32 -0.04 0.00
KATONAH__115KV_46KV_TB4 355592	38.46 1.34 0.00	36.42 1.23 0.00	34.64 1.11 0.00	34.58 1.17 0.00	35.08 1.25 0.00	38.08 1.32 0.00	50.41 1.66 0.00	65.53 2.64 0.00	63.41 2.67 0.00	51.04 2.15 0.00	50.12 2.20 0.00	49.88 2.42 0.00	47.86 2.28 0.00	47.97 2.28 0.00	46.00 2.27 0.00	46.06 2.36 0.00	51.84 2.66 0.00	65.54 3.18 0.00	81.62 3.96 0.00	74.87 3.36 0.00	55.96 2.56 0.00	46.67 2.22 0.00	40.89 1.80 0.00	38.97 1.61 0.00
KCE_NY_1 323755	38.24 1.11 0.00	36.21 1.02 0.00	34.44 0.91 0.00	34.38 0.97 0.00	34.81 0.98 0.00	37.86 1.10 0.00	50.51 1.75 0.00	65.21 2.33 0.00	62.99 2.25 0.00	50.50 1.61 0.00	49.59 1.68 0.00	48.98 1.52 0.00	46.86 1.27 0.00	47.06 1.37 0.00	45.04 1.31 0.00	45.01 1.31 0.00	50.80 1.62 0.00	64.42 2.05 0.00	80.30 2.64 0.00	73.72 2.22 0.00	55.27 1.87 0.00	45.96 1.51 0.00	40.31 1.21 0.00	38.48 1.12 0.00
KCE_NY_6_ESR 323823	37.46 0.33 0.00	35.93 0.74 0.00	34.44 0.91 0.00	34.25 0.84 0.00	34.57 0.74 0.00	37.16 0.41 0.00	48.51 -0.24 0.00	62.07 -0.82 0.00	59.04 -1.70 0.00	48.70 -0.19 0.00	46.82 -1.10 0.00	46.37 -1.09 0.00	44.49 -1.09 0.00	44.82 -0.87 0.00	42.72 -1.00 0.00	42.43 -1.27 0.00	47.56 -1.62 0.00	60.86 -1.50 0.00	76.03 -1.63 0.00	70.29 -1.22 0.00	51.53 -1.87 0.00	42.85 -1.60 0.00	38.20 -0.90 0.00	37.32 -0.04 0.00
KEDC PORT_JEFF_GT2 24210	38.20 1.08 0.00	35.85 0.67 0.00	34.33 0.80 0.00	34.45 1.04 0.00	34.95 1.11 0.00	38.60 1.84 0.00	49.05 0.29 0.00	63.26 0.38 0.00	61.35 0.61 0.00	49.44 0.59 0.04	49.78 1.87 0.00	49.17 1.71 0.00	47.18 1.59 0.00	46.97 1.28 0.00	45.17 1.44 0.00	45.19 1.49 0.00	50.40 1.23 0.01	61.63 0.19 0.92	71.21 0.08 6.53	71.71 0.22 0.01	54.52 1.12 0.00	45.42 0.98 0.00	40.15 1.06 0.00	38.37 1.01 0.00
KEDC PORT_JEFF_GT3 24211	38.20 1.08 0.00	35.85 0.67 0.00	34.33 0.80 0.00	34.45 1.04 0.00	34.95 1.11 0.00	38.60 1.84 0.00	49.05 0.29 0.00	63.26 0.38 0.00	61.35 0.61 0.00	49.44 0.59 0.04	49.78 1.87 0.00	49.17 1.71 0.00	47.18 1.59 0.00	46.97 1.28 0.00	45.17 1.44 0.00	45.19 1.49 0.00	50.40 1.23 0.01	61.63 0.19 0.92	71.21 0.08 6.53	71.71 0.22 0.01	54.52 1.12 0.00	45.42 0.98 0.00	40.15 1.06 0.00	38.37 1.01 0.00
KEDC_GLWD_GT4 24219	38.46 1.33 0.00	36.31 1.13 0.00	34.67 1.14 0.00	34.71 1.30 0.00	35.19 1.35 0.00	38.52 1.76 0.00	50.36 1.61 0.00	65.33 2.45 0.00	63.35 2.61 0.00	50.99 2.10 0.00	50.74 2.83 0.00	50.31 2.85 0.00	48.32 2.73 0.00	48.29 2.60 0.00	46.40 2.67 0.00	46.37 2.67 0.00	51.93 2.75 0.01	64.94 2.99 0.41	78.46 3.73 2.93	74.86 3.36 0.00	56.12 2.72 0.00	46.75 2.31 0.00	40.89 1.80 0.00	38.93 1.57 0.00
KEDC_GLWD_GT5 24220	38.46 1.33 0.00	36.31 1.13 0.00	34.67 1.14 0.00	34.71 1.30 0.00	35.19 1.35 0.00	38.52 1.76 0.00	50.36 1.61 0.00	65.33 2.45 0.00	63.35 2.61 0.00	50.99 2.10 0.00	50.74 2.83 0.00	50.31 2.85 0.00	48.32 2.73 0.00	48.29 2.60 0.00	46.40 2.67 0.00	46.37 2.67 0.00	51.93 2.75 0.01	64.94 2.99 0.41	78.46 3.73 2.93	74.86 3.36 0.00	56.12 2.72 0.00	46.75 2.31 0.00	40.89 1.80 0.00	38.93 1.57 0.00
KENSICO____ 23655	38.43 1.30 0.00	36.38 1.20 0.00	34.60 1.07 0.00	34.55 1.14 0.00	35.05 1.22 0.00	38.08 1.32 0.00	50.32 1.56 0.00	65.40 2.52 0.00	63.29 2.55 0.00	50.95 2.05 0.00	50.17 2.25 0.00	49.93 2.47 0.00	47.96 2.37 0.00	48.07 2.38 0.00	46.13 2.41 0.00	46.06 2.36 0.00	51.84 2.66 0.00	65.48 3.12 0.00	81.55 3.88 0.00	74.94 3.43 0.00	56.02 2.62 0.00	46.67 2.22 0.00	40.93 1.84 0.00	38.97 1.61 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	38.84 1.71 0.00	36.77 1.58 0.00	34.97 1.44 0.00	34.88 1.47 0.00	35.42 1.59 0.00	38.45 1.69 0.00	51.14 2.39 0.00	66.41 3.52 0.00	64.08 3.34 0.00	51.34 2.44 0.00	50.26 2.35 0.00	49.98 2.52 0.00	40.33 2.37 7.63	40.42 2.38 7.65	38.75 2.36 7.33	46.15 2.45 0.00	52.08 2.90 0.00	66.23 3.87 0.00	82.79 5.13 0.00	76.08 4.58 0.00	56.71 3.31 0.00	47.16 2.71 0.00	41.28 2.19 0.00	39.30 1.94 0.00

KIAC_JFK_GT1 23816	38.65 1.52 0.00	36.63 1.44 0.00	34.80 1.27 0.00	34.78 1.37 0.00	35.25 1.42 0.00	38.26 1.51 0.00	50.51 1.76 0.00	65.97 3.08 0.00	63.90 3.16 0.00	51.39 2.49 0.00	50.55 2.64 0.00	50.31 2.85 0.00	48.37 2.78 0.00	48.48 2.79 0.00	46.57 2.84 0.00	46.37 2.67 0.00	52.23 3.05 0.00	66.04 3.68 0.00	82.24 4.58 0.00	75.51 4.00 0.00	56.39 2.99 0.00	46.98 2.53 0.00	41.28 2.19 0.00	39.19 1.83 0.00
KIAC_JFK_GT2 23817	38.65 1.52 0.00	36.63 1.44 0.00	34.80 1.27 0.00	34.78 1.37 0.00	35.25 1.42 0.00	38.26 1.51 0.00	50.51 1.76 0.00	65.97 3.08 0.00	63.90 3.16 0.00	51.39 2.49 0.00	50.55 2.64 0.00	50.31 2.85 0.00	48.37 2.78 0.00	48.48 2.79 0.00	46.57 2.84 0.00	46.37 2.67 0.00	52.23 3.05 0.00	66.04 3.68 0.00	82.24 4.58 0.00	75.51 4.00 0.00	56.39 2.99 0.00	46.98 2.53 0.00	41.28 2.19 0.00	39.19 1.83 0.00
KIAC_JFK____ 323774	38.65 1.52 0.00	36.63 1.44 0.00	34.80 1.27 0.00	34.78 1.37 0.00	35.19 1.35 0.00	38.27 1.51 0.00	50.56 1.81 0.00	65.97 3.08 0.00	63.89 3.16 0.00	51.34 2.44 0.00	50.55 2.63 0.00	50.31 2.85 0.00	48.37 2.78 0.00	48.48 2.79 0.00	46.57 2.84 0.00	46.37 2.67 0.00	52.18 3.00 0.00	66.04 3.68 0.00	82.24 4.58 0.00	75.51 4.00 0.00	56.39 2.99 0.00	47.02 2.58 0.00	41.24 2.15 0.00	39.19 1.83 0.00
KINTIGH__24_KV_GSU 356498	37.09 -0.04 0.00	35.54 0.35 0.00	34.00 0.47 0.00	33.81 0.40 0.00	34.17 0.34 0.00	36.68 -0.07 0.00	47.78 -0.97 0.00	61.00 -1.88 0.00	58.25 -2.49 0.00	47.92 -0.98 0.00	46.24 -1.68 0.00	45.90 -1.57 0.00	44.08 -1.50 0.00	44.27 -1.42 0.00	42.24 -1.49 0.00	42.09 -1.62 0.00	47.07 -2.11 0.00	59.93 -2.43 0.00	74.79 -2.87 0.00	69.15 -2.36 0.00	50.94 -2.46 0.00	42.45 -2.00 0.00	37.84 -1.25 0.00	37.02 -0.34 0.00
KINTIGH____ 23543	37.09 -0.04 0.00	35.54 0.35 0.00	34.00 0.47 0.00	33.81 0.40 0.00	33.90 0.07 0.00	36.68 -0.07 0.00	47.83 -0.93 0.00	61.00 -1.89 0.00	58.25 -2.49 0.00	47.92 -0.98 0.00	46.24 -1.68 0.00	45.85 -1.61 0.00	44.04 -1.55 0.00	44.27 -1.42 0.00	42.24 -1.49 0.00	42.04 -1.66 0.00	47.02 -2.16 0.00	59.93 -2.43 0.00	74.79 -2.87 0.00	69.15 -2.36 0.00	50.62 -2.78 0.00	42.31 -2.13 0.00	37.73 -1.37 0.00	37.03 -0.34 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	38.43 1.30 0.00	36.49 1.30 0.00	34.77 1.24 0.00	34.61 1.20 0.00	35.05 1.22 0.00	38.08 1.32 0.00	49.90 0.83 -0.32	63.64 0.25 -0.51	61.30 0.24 -0.32	49.04 0.15 0.00	48.32 0.19 -0.21	47.87 0.19 -0.21	46.18 0.59 0.00	46.19 0.50 0.00	43.95 0.22 0.00	43.96 0.26 0.00	49.03 -0.15 0.00	62.24 -0.12 0.00	77.12 -0.54 0.00	71.29 -0.21 0.00	53.77 0.05 -0.31	44.67 0.22 0.00	39.56 0.47 0.00	37.59 0.22 0.00
LACHUTE____HYDRO 323717	39.43 2.30 0.00	37.30 2.11 0.00	35.51 1.98 0.00	35.48 2.07 0.00	35.93 2.10 0.00	39.15 2.39 0.00	52.75 4.00 0.00	68.04 5.16 0.00	65.23 4.49 0.00	51.98 3.08 0.00	50.99 3.07 0.00	50.07 2.61 0.00	47.68 2.10 0.00	47.93 2.24 0.00	45.83 2.10 0.00	45.80 2.10 0.00	51.98 2.80 0.00	66.41 4.05 0.00	83.18 5.51 0.00	76.15 4.65 0.00	57.03 3.63 0.00	47.16 2.71 0.00	41.28 2.19 0.00	39.42 2.05 0.00
LAWRNCALV_115KV_TB1 80681	37.94 0.82 0.00	36.00 0.81 0.00	34.30 0.77 0.00	34.11 0.70 0.00	34.57 0.74 0.00	37.75 0.99 0.00	59.11 1.41 -8.94	79.08 1.82 -14.38	71.30 1.64 -8.92	50.07 1.08 -0.10	54.99 1.05 -6.02	54.43 0.95 -6.02	46.64 0.96 -0.10	46.47 0.78 0.00	44.51 0.79 0.00	44.53 0.83 0.00	49.92 0.74 0.00	62.92 0.56 0.00	78.28 0.62 0.00	72.29 0.79 0.00	63.15 0.85 -8.89	45.16 0.71 0.00	39.84 0.74 0.00	38.00 0.64 0.00
LEDERLE____ 23769	38.54 1.41 0.00	36.49 1.30 0.00	34.70 1.17 0.00	34.61 1.20 0.00	35.15 1.32 0.00	38.23 1.47 0.00	50.61 1.85 0.00	65.84 2.96 0.00	63.65 2.92 0.00	51.19 2.30 0.00	50.31 2.40 0.00	50.07 2.61 0.00	48.05 2.46 0.00	48.16 2.47 0.00	46.22 2.49 0.00	46.19 2.49 0.00	51.93 2.75 0.00	65.73 3.37 0.00	82.01 4.35 0.00	75.37 3.86 0.00	56.28 2.88 0.00	46.84 2.40 0.00	41.05 1.95 0.00	39.08 1.72 0.00
LIGHTHSE_115KV_TB6 355974	37.05 -0.07 0.00	35.12 -0.07 0.00	33.46 -0.07 0.00	33.31 -0.10 0.00	33.73 -0.10 0.00	36.72 -0.04 0.00	49.61 0.10 -0.76	64.36 0.25 -1.22	61.62 0.12 -0.76	48.75 -0.15 -0.01	48.04 -0.38 -0.51	47.45 -0.52 -0.51	45.09 -0.50 -0.01	45.19 -0.50 0.00	43.16 -0.57 0.00	43.22 -0.48 0.00	48.64 -0.54 0.00	61.93 -0.44 0.00	77.58 -0.08 0.00	71.65 0.14 0.00	54.05 -0.11 -0.75	44.40 -0.04 0.00	38.98 -0.12 0.00	37.32 -0.04 0.00
LINDEN COGEN____ 23786	38.38 1.26 0.01	36.35 1.16 0.00	34.57 1.04 0.00	34.51 1.10 0.00	34.95 1.11 0.00	38.00 1.25 0.01	50.11 1.36 0.01	65.27 2.39 0.01	63.28 2.55 0.01	50.90 2.01 0.00	50.16 2.25 0.01	49.93 2.47 0.00	48.00 2.41 0.00	48.16 2.47 0.00	46.22 2.49 0.00	46.10 2.40 0.00	51.78 2.60 0.00	65.48 3.12 0.00	81.54 3.88 0.00	74.94 3.43 0.00	55.96 2.56 0.00	46.70 2.27 0.01	40.89 1.80 0.01	38.92 1.57 0.01
LINDHRST_69_KV_BK1 356055	38.58 1.45 0.00	36.24 1.06 0.00	34.70 1.17 0.00	34.85 1.44 0.00	35.49 1.66 0.00	39.00 2.24 0.00	50.07 1.32 0.00	64.83 1.95 0.00	62.80 2.07 0.00	50.65 1.76 0.00	50.84 2.92 0.00	50.22 2.75 0.00	48.18 2.60 0.00	48.02 2.33 0.00	46.22 2.49 0.00	46.28 2.58 0.00	51.67 2.51 0.01	63.72 2.31 0.95	73.72 2.80 6.74	74.14 2.65 0.01	55.80 2.40 0.00	46.49 2.04 0.00	40.89 1.80 0.00	38.93 1.57 0.00
LIPA_MISC_IPP 23656	38.06 0.93 0.00	35.68 0.49 0.00	34.17 0.64 0.00	34.28 0.87 0.00	34.95 1.12 0.00	38.49 1.73 0.00	48.90 0.15 0.00	63.20 0.31 0.00	61.28 0.55 0.00	49.34 0.49 0.04	49.74 1.82 0.00	49.12 1.66 0.00	47.14 1.55 0.00	46.92 1.23 0.00	45.13 1.40 0.00	45.19 1.49 0.00	50.35 1.18 0.01	62.13 0.50 0.73	73.02 0.54 5.18	72.07 0.57 0.01	54.52 1.12 0.00	45.38 0.93 0.00	40.15 1.06 0.00	38.33 0.97 0.00
LISF____SOLAR 323691	38.09 0.96 0.00	35.71 0.53 0.00	34.24 0.71 0.00	34.31 0.90 0.00	34.81 0.98 0.00	38.49 1.73 0.00	49.00 0.25 0.00	63.26 0.38 0.00	61.35 0.61 0.00	49.39 0.54 0.04	49.84 1.92 0.00	49.17 1.71 0.00	47.18 1.59 0.00	46.97 1.28 0.00	45.21 1.49 0.00	45.23 1.53 0.00	50.40 1.23 0.01	62.16 0.56 0.76	72.87 0.62 5.41	72.21 0.71 0.01	54.57 1.17 0.00	45.47 1.02 0.00	40.07 0.98 0.00	38.30 0.93 0.00
LITTLE FALLS____HYD 24013	38.69 1.56 0.00	36.70 1.51 0.00	35.01 1.48 0.00	34.88 1.47 0.00	35.35 1.52 0.00	38.45 1.69 0.00	51.33 2.39 -0.18	66.26 3.08 -0.29	63.90 2.98 -0.18	51.24 2.35 0.00	50.34 2.30 -0.12	49.82 2.23 -0.12	47.68 2.10 0.00	47.75 2.06 0.00	45.56 1.84 0.00	45.54 1.84 0.00	51.20 2.02 0.00	64.92 2.56 0.00	80.92 3.26 0.00	74.51 3.00 0.00	55.77 2.19 -0.18	46.36 1.91 0.00	40.70 1.60 0.00	38.97 1.61 0.00

LITTLRIV_115KV_TB1 356100	38.32 1.19 0.00	36.35 1.16 0.00	34.64 1.11 0.00	34.41 1.00 0.00	34.88 1.05 0.00	38.15 1.40 0.00	59.11 2.10 -8.26	78.87 2.70 -13.28	71.35 2.37 -8.24	50.40 1.42 -0.09	54.87 1.39 -5.56	54.26 1.23 -5.56	46.86 1.19 -0.09	46.74 1.05 0.00	44.73 1.01 0.00	44.79 1.09 0.00	50.31 1.13 0.00	63.61 1.25 0.00	79.29 1.63 0.00	73.29 1.79 0.00	63.22 1.60 -8.22	45.69 1.24 0.00	40.23 1.13 0.00	38.37 1.01 0.00
LI_NEWBRDGE___DRP 323616	38.09 0.97 0.00	35.85 0.67 0.00	34.34 0.80 0.00	34.51 1.10 0.00	35.12 1.29 0.00	38.60 1.84 0.00	49.73 0.98 0.00	64.46 1.57 0.00	62.50 1.76 0.00	50.36 1.47 0.00	50.41 2.49 0.00	49.93 2.47 0.00	47.86 2.28 0.00	47.70 2.01 0.00	45.87 2.14 0.00	45.84 2.14 0.00	51.30 2.11 0.00	64.07 1.75 0.04	79.55 2.17 0.28	73.43 1.93 0.01	55.38 1.98 0.00	46.09 1.64 0.00	40.50 1.41 0.00	38.59 1.23 0.00
LOCKPORT_115KV_TB60_63_64 80432	37.09 -0.04 0.00	35.57 0.39 0.00	34.10 0.57 0.00	33.95 0.53 0.00	33.93 0.10 0.00	36.72 -0.04 0.00	47.88 -0.88 0.00	60.94 -1.95 0.00	58.01 -2.73 0.00	47.87 -1.03 0.00	46.05 -1.87 0.00	45.61 -1.85 0.00	43.81 -1.78 0.00	44.14 -1.55 0.00	42.02 -1.71 0.00	41.78 -1.92 0.00	46.77 -2.41 0.00	59.74 -2.62 0.00	74.56 -3.11 0.00	68.93 -2.57 0.00	50.25 -3.15 0.00	42.04 -2.40 0.00	37.57 -1.52 0.00	36.99 -0.37 0.00
LOCKPORT___CC1 323769	37.13 0.00 0.00	35.61 0.42 0.00	34.13 0.60 0.00	33.94 0.53 0.00	34.27 0.44 0.00	36.76 0.00 0.00	47.78 -0.97 0.00	60.93 -1.95 0.00	58.01 -2.73 0.00	47.86 -1.03 0.00	46.10 -1.82 0.00	45.61 -1.85 0.00	43.81 -1.78 0.00	44.14 -1.55 0.00	42.07 -1.66 0.00	41.82 -1.88 0.00	46.77 -2.41 0.00	59.75 -2.62 0.00	74.55 -3.11 0.00	68.93 -2.57 0.00	50.68 -2.72 0.00	42.18 -2.27 0.00	37.69 -1.41 0.00	36.99 -0.37 0.00
LOCKPORT___CC2 323770	37.13 0.00 0.00	35.61 0.42 0.00	34.13 0.60 0.00	33.94 0.53 0.00	34.27 0.44 0.00	36.76 0.00 0.00	47.78 -0.97 0.00	60.93 -1.95 0.00	58.01 -2.73 0.00	47.86 -1.03 0.00	46.10 -1.82 0.00	45.61 -1.85 0.00	43.81 -1.78 0.00	44.14 -1.55 0.00	42.07 -1.66 0.00	41.82 -1.88 0.00	46.77 -2.41 0.00	59.75 -2.62 0.00	74.55 -3.11 0.00	68.93 -2.57 0.00	50.68 -2.72 0.00	42.18 -2.27 0.00	37.69 -1.41 0.00	36.99 -0.37 0.00
LOCKPORT___CC3 323771	37.13 0.00 0.00	35.61 0.42 0.00	34.13 0.60 0.00	33.94 0.53 0.00	34.27 0.44 0.00	36.76 0.00 0.00	47.78 -0.97 0.00	60.93 -1.95 0.00	58.01 -2.73 0.00	47.86 -1.03 0.00	46.10 -1.82 0.00	45.61 -1.85 0.00	43.81 -1.78 0.00	44.14 -1.55 0.00	42.07 -1.66 0.00	41.82 -1.88 0.00	46.77 -2.41 0.00	59.75 -2.62 0.00	74.55 -3.11 0.00	68.93 -2.57 0.00	50.68 -2.72 0.00	42.18 -2.27 0.00	37.69 -1.41 0.00	36.99 -0.37 0.00
LOCUSVLY_69_KV_BK2 55797	38.46 1.34 0.00	36.24 1.06 0.00	34.67 1.14 0.00	34.75 1.34 0.00	35.35 1.52 0.00	38.67 1.91 0.00	50.12 1.37 0.00	65.09 2.20 0.00	63.05 2.31 0.00	50.85 1.96 0.00	50.74 2.83 0.00	50.26 2.80 0.00	48.18 2.60 0.00	48.11 2.42 0.00	46.22 2.49 0.00	46.19 2.49 0.00	51.72 2.56 0.02	63.87 2.56 1.05	73.42 3.18 7.42	74.36 2.86 0.00	55.91 2.51 0.00	46.49 2.04 0.00	40.78 1.68 0.00	38.82 1.46 0.00
LONG_LAKE_PHOENIX 24014	36.53 -0.59 0.00	34.62 -0.56 0.00	32.99 -0.54 0.00	32.88 -0.53 0.00	33.26 -0.58 0.00	36.17 -0.59 0.00	48.28 -0.73 -0.26	62.42 -0.88 -0.41	59.96 -1.03 -0.25	48.06 -0.83 0.00	47.18 -0.91 -0.17	46.69 -0.95 -0.17	44.63 -0.96 0.00	44.78 -0.91 0.00	42.81 -0.92 0.00	42.78 -0.92 0.00	48.15 -1.03 0.00	61.30 -1.06 0.00	76.58 -1.09 0.00	70.58 -0.93 0.00	52.74 -0.91 -0.25	43.69 -0.76 0.00	38.47 -0.63 0.00	36.84 -0.52 0.00
LOVETT___3 23632	38.35 1.23 0.00	36.31 1.13 0.00	34.54 1.01 0.00	34.45 1.04 0.00	34.98 1.15 0.00	37.97 1.21 0.00	50.17 1.41 0.00	65.15 2.26 0.00	63.05 2.31 0.00	50.75 1.86 0.00	49.93 2.01 0.00	49.69 2.23 0.00	47.73 2.14 0.00	47.84 2.15 0.00	45.91 2.19 0.00	45.84 2.14 0.00	51.64 2.46 0.00	65.29 2.93 0.00	81.39 3.73 0.00	74.79 3.29 0.00	55.91 2.51 0.00	46.58 2.13 0.00	40.85 1.76 0.00	38.86 1.49 0.00
LOVETT___4 23642	38.35 1.23 0.00	36.31 1.13 0.00	34.54 1.01 0.00	34.45 1.04 0.00	34.98 1.15 0.00	37.97 1.21 0.00	50.17 1.41 0.00	65.15 2.26 0.00	63.05 2.31 0.00	50.75 1.86 0.00	49.93 2.01 0.00	49.69 2.23 0.00	47.73 2.14 0.00	47.84 2.15 0.00	45.91 2.19 0.00	45.84 2.14 0.00	51.64 2.46 0.00	65.29 2.93 0.00	81.39 3.73 0.00	74.79 3.29 0.00	55.91 2.51 0.00	46.58 2.13 0.00	40.85 1.76 0.00	38.86 1.49 0.00
LOVETT___5 23593	38.35 1.23 0.00	36.31 1.13 0.00	34.54 1.01 0.00	34.45 1.04 0.00	34.98 1.15 0.00	37.97 1.21 0.00	50.17 1.41 0.00	65.15 2.26 0.00	63.05 2.31 0.00	50.75 1.86 0.00	49.93 2.01 0.00	49.69 2.23 0.00	47.73 2.14 0.00	47.84 2.15 0.00	45.91 2.19 0.00	45.84 2.14 0.00	51.64 2.46 0.00	65.29 2.93 0.00	81.39 3.73 0.00	74.79 3.29 0.00	55.91 2.51 0.00	46.58 2.13 0.00	40.85 1.76 0.00	38.86 1.49 0.00
LOWER RAQUET___HYD 24057	38.02 0.89 0.00	36.10 0.91 0.00	34.40 0.87 0.00	34.18 0.77 0.00	34.64 0.81 0.00	37.82 1.07 0.00	58.06 1.61 -7.69	77.33 2.07 -12.37	70.30 1.88 -7.68	50.15 1.17 -0.08	54.25 1.15 -5.18	53.69 1.04 -5.18	46.67 1.00 -0.08	46.56 0.87 0.00	44.52 0.79 0.00	44.58 0.87 0.00	49.92 0.74 0.00	62.86 0.50 0.00	78.28 0.62 0.00	72.29 0.79 0.00	61.97 0.80 -7.77	45.15 0.71 0.00	39.92 0.82 0.00	38.07 0.71 0.00
LOWER___HUDSON 24059	37.87 0.74 0.00	35.85 0.67 0.00	34.07 0.53 0.00	33.98 0.57 0.00	34.41 0.57 0.00	37.45 0.70 0.00	49.83 1.07 0.00	64.27 1.38 0.00	62.31 1.58 0.00	50.16 1.27 0.00	49.26 1.34 0.00	48.75 1.28 0.00	46.82 1.23 0.00	46.97 1.28 0.00	45.00 1.27 0.00	44.97 1.27 0.00	50.65 1.47 0.00	64.05 1.68 0.00	79.68 2.02 0.00	73.22 1.71 0.00	54.95 1.55 0.00	45.73 1.29 0.00	40.15 1.06 0.00	38.33 0.97 0.00
LOWVILLE_115KV_TB2 356335	38.06 0.93 0.00	36.10 0.91 0.00	34.40 0.87 0.00	34.15 0.74 0.00	34.68 0.85 0.00	37.82 1.07 0.00	52.85 1.90 -2.19	69.11 2.70 -3.52	65.36 2.43 -2.19	50.24 1.32 -0.02	50.45 1.05 -1.48	49.70 0.76 -1.48	46.43 0.82 -0.02	46.42 0.73 0.00	44.25 0.52 0.00	44.40 0.70 0.00	50.06 0.89 0.00	63.86 1.50 0.00	80.15 2.49 0.00	74.22 2.72 0.00	57.40 1.82 -2.18	45.56 1.11 0.00	39.80 0.70 0.00	38.07 0.71 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	38.24 1.11 0.00	36.21 1.02 0.00	34.44 0.91 0.00	34.38 0.97 0.00	34.81 0.98 0.00	37.86 1.10 0.00	50.46 1.71 0.00	65.15 2.26 0.00	62.99 2.25 0.00	50.51 1.61 0.00	49.55 1.63 0.00	48.93 1.47 0.00	46.86 1.28 0.00	47.01 1.32 0.00	45.04 1.31 0.00	45.01 1.31 0.00	50.80 1.62 0.00	64.42 2.06 0.00	80.23 2.56 0.00	73.72 2.22 0.00	55.27 1.87 0.00	45.91 1.47 0.00	40.31 1.21 0.00	38.48 1.12 0.00

LUTHERNY_35_KV_BK2 355980	38.24 1.11 0.00	36.21 1.02 0.00	34.47 0.94 0.00	34.38 0.97 0.00	34.85 1.01 0.00	37.86 1.10 0.00	50.51 1.76 0.00	65.21 2.33 0.00	62.99 2.25 0.00	50.51 1.61 0.00	49.59 1.68 0.00	48.98 1.52 0.00	46.86 1.28 0.00	47.06 1.37 0.00	45.04 1.31 0.00	45.01 1.31 0.00	50.80 1.62 0.00	64.42 2.06 0.00	80.30 2.64 0.00	73.79 2.29 0.00	55.27 1.87 0.00	45.91 1.47 0.00	40.31 1.21 0.00	38.48 1.12 0.00
LWR___OSWEGATCHIE_HYD 23850	37.98 0.85 0.00	36.03 0.84 0.00	34.34 0.80 0.00	34.11 0.70 0.00	34.61 0.78 0.00	37.75 0.99 0.00	55.68 1.71 -5.21	73.66 2.39 -8.39	68.01 2.07 -5.21	50.12 1.17 -0.06	52.44 1.01 -3.51	51.78 0.81 -3.51	46.46 0.82 -0.06	46.33 0.64 0.00	44.21 0.48 0.00	44.31 0.61 0.00	49.82 0.64 0.00	63.17 0.81 0.00	78.98 1.32 0.00	73.08 1.57 0.00	59.87 1.28 -5.19	45.38 0.93 0.00	39.84 0.74 0.00	38.03 0.67 0.00
LYONS_FALL_HYD 23570	37.94 0.82 0.00	36.00 0.81 0.00	34.30 0.77 0.00	34.08 0.67 0.00	34.57 0.74 0.00	37.68 0.92 0.00	51.87 1.66 -1.46	67.61 2.39 -2.34	64.32 2.12 -1.46	50.13 1.22 -0.02	49.91 1.01 -0.98	49.20 0.76 -0.98	46.42 0.82 -0.02	46.42 0.73 0.00	44.29 0.57 0.00	44.40 0.70 0.00	50.11 0.93 0.00	63.86 1.49 0.00	79.99 2.33 0.00	73.94 2.43 0.00	56.53 1.66 -1.48	45.56 1.11 0.00	39.80 0.70 0.00	38.07 0.71 0.00
MADISON___COUNTY_LFGE 323628	37.87 0.74 0.00	35.92 0.74 0.00	34.23 0.70 0.00	34.08 0.67 0.00	34.54 0.71 0.00	37.60 0.85 0.00	50.67 1.46 -0.45	65.74 2.14 -0.72	63.15 1.94 -0.47	50.12 1.22 -0.01	49.24 1.01 -0.31	48.58 0.81 -0.31	46.41 0.82 -0.01	46.51 0.82 0.00	44.38 0.66 0.00	44.45 0.74 0.00	50.16 0.98 0.00	63.92 1.56 0.00	79.99 2.33 0.00	73.94 2.43 0.00	55.41 1.55 -0.46	45.60 1.16 0.00	39.92 0.82 0.00	38.26 0.90 0.00
MALONE___115KV_TB1 356076	38.24 1.11 0.00	36.28 1.09 0.00	34.57 1.04 0.00	34.38 0.97 0.00	34.81 0.98 0.00	37.86 1.10 0.00	52.88 1.56 -2.57	68.78 1.76 -4.13	64.94 1.64 -2.56	50.19 1.27 -0.03	50.94 1.29 -1.73	50.43 1.23 -1.73	46.89 1.28 -0.03	46.83 1.14 0.00	44.60 0.87 0.00	44.62 0.92 0.00	50.06 0.89 0.00	63.42 1.06 0.00	78.67 1.01 0.00	72.86 1.36 0.00	57.13 1.17 -2.56	45.33 0.89 0.00	39.96 0.86 0.00	38.00 0.64 0.00
MAPLEWOD_115KV_TB3 80458	37.54 0.41 0.00	35.54 0.35 0.00	33.83 0.30 0.00	33.75 0.33 0.00	34.20 0.37 0.00	37.13 0.37 0.00	49.34 0.59 0.00	63.70 0.82 0.00	61.77 1.03 0.00	49.68 0.78 0.00	48.78 0.86 0.00	48.27 0.81 0.00	46.59 1.00 0.00	46.83 1.14 0.00	44.78 1.05 0.00	44.75 1.05 0.00	50.41 1.23 0.00	63.73 1.37 0.00	79.37 1.71 0.00	72.86 1.36 0.00	54.68 1.28 0.00	45.47 1.02 0.00	39.96 0.86 0.00	38.11 0.75 0.00
MAPLE_RIDGE_WT_1 323574	37.16 0.04 0.00	35.22 0.04 0.00	33.56 0.03 0.00	33.45 0.03 0.00	33.86 0.03 0.00	36.83 0.07 0.00	48.68 0.10 0.17	62.67 0.06 0.28	60.69 0.12 0.17	48.94 0.05 0.00	47.90 0.10 0.12	47.44 0.10 0.12	45.67 0.09 0.00	45.74 0.05 0.00	43.77 0.04 0.00	43.75 0.04 0.00	49.18 0.00 0.00	62.36 0.00 0.00	77.59 -0.08 0.00	71.29 -0.21 0.00	53.01 -0.21 0.17	44.18 -0.27 0.00	38.82 -0.27 0.00	37.02 -0.34 0.00
MAPLE_RIDGE_WT_2 323611	37.16 0.04 0.00	35.22 0.04 0.00	33.56 0.03 0.00	33.45 0.03 0.00	33.86 0.03 0.00	36.83 0.07 0.00	48.68 0.10 0.17	62.67 0.06 0.28	60.69 0.12 0.17	48.94 0.05 0.00	47.90 0.10 0.12	47.44 0.10 0.12	45.67 0.09 0.00	45.74 0.05 0.00	43.77 0.04 0.00	43.75 0.04 0.00	49.18 0.00 0.00	62.36 0.00 0.00	77.59 -0.08 0.00	71.29 -0.21 0.00	53.01 -0.21 0.17	44.18 -0.27 0.00	38.82 -0.27 0.00	37.02 -0.34 0.00
MARBLE_RIVER_WT_PWR 323696	38.35 1.22 0.00	36.45 1.26 0.00	34.74 1.21 0.00	34.58 1.17 0.00	35.05 1.22 0.00	38.12 1.36 0.00	49.39 0.44 -0.20	62.83 -0.38 -0.32	60.58 -0.36 -0.20	48.60 -0.29 0.00	47.86 -0.19 -0.14	47.41 -0.19 -0.14	45.91 0.32 0.00	45.92 0.23 0.00	43.73 0.00 0.00	43.66 -0.04 0.00	48.59 -0.59 0.00	61.62 -0.75 0.00	76.11 -1.55 0.00	70.08 -1.43 0.00	52.21 -1.39 -0.20	43.34 -1.11 0.00	38.98 -0.12 0.00	37.02 -0.34 0.00
MARSHVLE_115KV_TB1 80742	38.02 0.89 0.00	36.00 0.81 0.00	34.34 0.80 0.00	34.25 0.84 0.00	34.74 0.91 0.00	37.90 1.14 0.00	50.90 2.15 0.00	65.78 2.89 0.00	62.80 2.07 0.00	49.68 0.78 0.00	48.35 0.43 0.00	47.51 0.05 0.00	45.45 -0.14 0.00	45.64 -0.05 0.00	43.82 0.09 0.00	44.01 0.31 0.00	49.87 0.69 0.00	63.92 1.56 0.00	80.23 2.56 0.00	73.65 2.15 0.00	55.00 1.60 0.00	45.78 1.33 0.00	40.03 0.94 0.00	38.18 0.82 0.00
MARSH_HILL_WT_PWR 323713	37.83 0.70 0.00	36.14 0.95 0.00	34.50 0.97 0.00	34.31 0.90 0.00	34.68 0.85 0.00	37.45 0.70 0.00	49.53 0.78 0.00	63.58 0.69 0.00	60.32 -0.42 0.00	48.89 0.00 0.00	47.15 -0.77 0.00	46.66 -0.81 0.00	44.72 -0.87 0.00	44.96 -0.73 0.00	42.90 -0.83 0.00	42.65 -1.05 0.00	48.10 -1.08 0.00	61.93 -0.43 0.00	77.97 0.31 0.00	72.01 0.50 0.00	52.81 -0.59 0.00	43.65 -0.80 0.00	38.51 -0.59 0.00	37.25 -0.11 0.00
MCINTYRE_115KV_TB2 80467	38.39 1.26 0.00	36.42 1.23 0.00	34.70 1.17 0.00	34.48 1.07 0.00	34.95 1.12 0.00	38.23 1.47 0.00	60.12 2.19 -9.17	80.46 2.83 -14.75	72.32 2.43 -9.15	50.41 1.42 -0.10	55.43 1.34 -6.18	54.87 1.23 -6.18	46.87 1.19 -0.10	46.69 1.01 0.00	44.78 1.05 0.00	44.84 1.14 0.00	50.46 1.28 0.00	63.98 1.62 0.00	79.84 2.17 0.00	73.72 2.22 0.00	64.39 1.87 -9.12	45.87 1.42 0.00	40.31 1.21 0.00	38.48 1.12 0.00
MECO_____69_KV_BK1 80468	38.69 1.56 0.00	36.63 1.44 0.00	34.91 1.37 0.00	34.85 1.44 0.00	35.35 1.52 0.00	38.56 1.80 0.00	51.83 3.07 0.00	66.91 4.02 0.00	63.78 3.04 0.00	50.46 1.56 0.00	49.07 1.15 0.00	48.13 0.66 0.00	46.00 0.41 0.00	46.19 0.50 0.00	44.38 0.66 0.00	44.62 0.92 0.00	50.70 1.52 0.00	65.17 2.81 0.00	81.70 4.04 0.00	74.94 3.43 0.00	56.02 2.62 0.00	46.49 2.04 0.00	40.66 1.56 0.00	38.82 1.46 0.00
MENANDS___115KV_TB5 355628	37.28 0.15 0.00	35.29 0.11 0.00	33.63 0.10 0.00	33.55 0.13 0.00	33.97 0.14 0.00	36.90 0.15 0.00	49.00 0.24 0.00	63.20 0.31 0.00	61.35 0.61 0.00	49.33 0.44 0.00	48.49 0.57 0.00	47.99 0.52 0.00	46.18 0.59 0.00	46.42 0.73 0.00	44.51 0.79 0.00	44.49 0.79 0.00	50.06 0.89 0.00	63.30 0.94 0.00	78.75 1.09 0.00	72.36 0.86 0.00	54.31 0.91 0.00	45.20 0.76 0.00	39.72 0.63 0.00	37.85 0.49 0.00
MG INDUSTRY___DRP 24185	36.57 -0.56 0.00	34.62 -0.56 0.00	33.03 -0.50 0.00	32.94 -0.47 0.00	33.36 -0.47 0.00	36.32 -0.44 0.00	48.27 -0.49 0.00	62.26 -0.63 0.00	60.30 -0.43 0.01	48.31 -0.59 0.00	47.37 -0.53 0.01	46.93 -0.52 0.01	3.55 -0.46 41.58	3.60 -0.41 41.68	3.41 -0.35 39.97	43.34 -0.35 0.01	48.74 -0.44 0.00	61.74 -0.62 0.00	76.89 -0.78 0.00	70.65 -0.86 0.00	52.97 -0.43 0.00	44.13 -0.31 0.00	39.60 0.51 0.00	37.81 0.45 0.00

MID___OSWEGATCHIE_HYD 23849	37.98 0.85 0.00	36.03 0.84 0.00	34.34 0.80 0.00	34.11 0.70 0.00	34.61 0.78 0.00	37.75 0.99 0.00	55.68 1.71 -5.21	73.66 2.39 -8.39	68.01 2.07 -5.21	50.12 1.17 -0.06	52.44 1.01 -3.51	51.78 0.81 -3.51	46.46 0.82 -0.06	46.33 0.64 0.00	44.21 0.48 0.00	44.31 0.61 0.00	49.82 0.64 0.00	63.17 0.81 0.00	78.98 1.32 0.00	73.08 1.57 0.00	59.87 1.28 -5.19	45.38 0.93 0.00	39.84 0.74 0.00	38.03 0.67 0.00
MID___RAQUETTE_HYD 23851	38.02 0.89 0.00	36.10 0.91 0.00	34.40 0.87 0.00	34.18 0.77 0.00	34.64 0.81 0.00	37.82 1.07 0.00	58.06 1.61 -7.69	77.33 2.08 -12.37	70.30 1.88 -7.68	50.15 1.17 -0.08	54.25 1.15 -5.18	53.69 1.04 -5.18	46.67 1.00 -0.08	46.56 0.87 0.00	44.51 0.79 0.00	44.58 0.87 0.00	49.92 0.74 0.00	62.86 0.50 0.00	78.28 0.62 0.00	72.29 0.79 0.00	61.96 0.91 -7.65	45.24 0.80 0.00	39.92 0.82 0.00	38.07 0.71 0.00
MILLIKEN___1 23584	37.68 0.56 0.00	35.75 0.56 0.00	34.07 0.54 0.00	33.95 0.53 0.00	34.30 0.47 0.00	37.35 0.59 0.00	49.83 1.07 0.00	64.33 1.45 0.00	61.77 1.03 0.00	49.58 0.68 0.00	48.35 0.43 0.00	47.75 0.28 0.00	45.86 0.27 0.00	45.96 0.27 0.00	43.90 0.17 0.00	43.92 0.22 0.00	49.62 0.44 0.00	63.42 1.06 0.00	79.53 1.86 0.00	73.36 1.86 0.00	54.41 1.01 0.00	45.16 0.71 0.00	39.68 0.59 0.00	38.00 0.64 0.00
MILLIKEN___2 23585	37.68 0.56 0.00	35.75 0.56 0.00	34.07 0.54 0.00	33.95 0.53 0.00	34.30 0.47 0.00	37.35 0.59 0.00	49.83 1.07 0.00	64.33 1.45 0.00	61.77 1.03 0.00	49.58 0.68 0.00	48.35 0.43 0.00	47.75 0.28 0.00	45.86 0.27 0.00	45.96 0.27 0.00	43.90 0.17 0.00	43.92 0.22 0.00	49.62 0.44 0.00	63.42 1.06 0.00	79.53 1.86 0.00	73.36 1.86 0.00	54.41 1.01 0.00	45.16 0.71 0.00	39.68 0.59 0.00	38.00 0.64 0.00
MILLIKEN___DIESEL 23629	37.68 0.56 0.00	35.75 0.56 0.00	34.07 0.54 0.00	33.95 0.53 0.00	34.30 0.47 0.00	37.35 0.59 0.00	49.83 1.07 0.00	64.33 1.45 0.00	61.77 1.03 0.00	49.58 0.68 0.00	48.35 0.43 0.00	47.75 0.28 0.00	45.86 0.27 0.00	45.96 0.27 0.00	43.90 0.17 0.00	43.92 0.22 0.00	49.62 0.44 0.00	63.42 1.06 0.00	79.53 1.86 0.00	73.36 1.86 0.00	54.41 1.01 0.00	45.16 0.71 0.00	39.68 0.59 0.00	38.00 0.64 0.00
MILLSEAT___LFGE 323607	37.57 0.45 0.00	36.00 0.81 0.00	34.47 0.94 0.00	34.28 0.87 0.00	34.61 0.78 0.00	37.23 0.48 0.00	48.76 0.00 0.00	62.32 -0.57 0.00	60.62 -0.12 0.00	49.53 0.63 0.00	47.63 -0.29 0.00	47.23 -0.24 0.00	44.49 -1.09 0.00	44.82 -0.87 0.00	42.72 -1.00 0.00	42.52 -1.18 0.00	47.71 -1.47 0.00	61.12 -1.25 0.00	76.42 -1.25 0.00	70.65 -0.85 0.00	51.85 -1.55 0.00	43.20 -1.24 0.00	38.43 -0.66 0.00	37.55 0.19 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	38.35 1.23 0.00	36.31 1.13 0.00	34.54 1.01 0.00	34.48 1.07 0.00	34.98 1.15 0.00	38.01 1.25 0.00	50.22 1.46 0.00	65.21 2.33 0.00	63.17 2.43 0.00	50.85 1.96 0.00	50.02 2.11 0.00	49.79 2.33 0.00	47.82 2.23 0.00	47.93 2.24 0.00	46.00 2.27 0.00	45.93 2.23 0.00	51.69 2.51 0.00	65.29 2.93 0.00	81.31 3.65 0.00	74.72 3.22 0.00	55.91 2.51 0.00	46.58 2.13 0.00	40.85 1.76 0.00	38.89 1.53 0.00
MILLWOOD_13_KV_LOAD 356217	38.43 1.30 0.00	36.38 1.20 0.00	34.60 1.07 0.00	34.55 1.14 0.00	35.05 1.22 0.00	38.04 1.29 0.00	50.32 1.56 0.00	65.40 2.52 0.00	63.29 2.55 0.00	50.95 2.05 0.00	50.12 2.20 0.00	49.84 2.37 0.00	47.86 2.28 0.00	47.97 2.28 0.00	46.05 2.32 0.00	46.02 2.32 0.00	51.79 2.61 0.00	65.42 3.06 0.00	81.55 3.88 0.00	74.87 3.36 0.00	55.96 2.56 0.00	46.62 2.18 0.00	40.89 1.80 0.00	38.93 1.57 0.00
MODEL_CITY_ENERGY 24167	36.76 -0.37 0.00	35.29 0.11 0.00	33.83 0.30 0.00	33.68 0.27 0.00	33.97 0.14 0.00	36.39 -0.37 0.00	47.24 -1.51 0.00	60.25 -2.64 0.00	57.40 -3.34 0.00	47.38 -1.52 0.00	45.62 -2.30 0.00	45.14 -2.32 0.00	43.40 -2.19 0.00	43.68 -2.01 0.00	41.63 -2.10 0.00	41.38 -2.32 0.00	46.28 -2.90 0.00	59.06 -3.31 0.00	73.70 -3.96 0.00	68.15 -3.36 0.00	50.09 -3.31 0.00	41.73 -2.71 0.00	37.34 -1.76 0.00	36.65 -0.71 0.00
MODERN_LFGE___ 323580	36.76 -0.37 0.00	35.29 0.11 0.00	33.83 0.30 0.00	33.68 0.27 0.00	33.97 0.14 0.00	36.39 -0.37 0.00	47.24 -1.51 0.00	60.25 -2.64 0.00	57.40 -3.34 0.00	47.38 -1.52 0.00	45.62 -2.30 0.00	45.14 -2.32 0.00	43.40 -2.19 0.00	43.68 -2.01 0.00	41.63 -2.10 0.00	41.38 -2.32 0.00	46.28 -2.90 0.00	59.06 -3.31 0.00	73.70 -3.96 0.00	68.15 -3.36 0.00	50.09 -3.31 0.00	41.73 -2.71 0.00	37.34 -1.76 0.00	36.65 -0.71 0.00
MOHAWK_PAPER___DRP 24187	37.54 0.41 0.00	35.54 0.35 0.00	33.83 0.30 0.00	33.75 0.33 0.00	34.20 0.37 0.00	37.13 0.37 0.00	49.34 0.59 0.00	63.70 0.82 0.00	61.77 1.03 0.00	49.68 0.78 0.00	48.78 0.86 0.00	48.27 0.81 0.00	46.59 1.00 0.00	46.83 1.14 0.00	44.78 1.05 0.00	44.75 1.05 0.00	50.41 1.23 0.00	63.73 1.37 0.00	79.37 1.71 0.00	72.86 1.36 0.00	54.68 1.28 0.00	45.47 1.02 0.00	39.96 0.86 0.00	38.11 0.75 0.00
MOHICAN___35_KV_115KV_LD 80490	38.20 1.08 0.00	36.17 0.99 0.00	34.44 0.91 0.00	34.35 0.94 0.00	34.85 1.01 0.00	37.86 1.10 0.00	50.71 1.95 0.00	65.46 2.58 0.00	63.17 2.43 0.00	50.51 1.61 0.00	49.55 1.63 0.00	48.84 1.38 0.00	46.68 1.09 0.00	46.88 1.19 0.00	44.86 1.14 0.00	44.84 1.14 0.00	50.65 1.48 0.00	64.42 2.06 0.00	80.38 2.72 0.00	73.72 2.22 0.00	55.27 1.87 0.00	45.82 1.38 0.00	40.19 1.09 0.00	38.37 1.01 0.00
MONGAUP___HYD 23641	38.57 1.45 0.00	36.56 1.37 0.00	34.77 1.24 0.00	34.68 1.27 0.00	35.15 1.32 0.00	38.19 1.43 0.00	50.85 2.10 0.00	65.97 3.08 0.00	63.47 2.74 0.00	50.80 1.90 0.00	49.78 1.87 0.00	49.46 1.99 0.00	47.46 1.87 0.00	47.61 1.92 0.00	45.65 1.92 0.00	45.71 2.01 0.00	51.64 2.46 0.00	65.79 3.43 0.00	82.32 4.66 0.00	75.65 4.15 0.00	56.33 2.94 0.00	46.89 2.44 0.00	41.05 1.95 0.00	39.08 1.72 0.00
MONTAUK___DIESEL 23721	37.61 0.48 0.00	35.19 0.00 0.00	33.70 0.17 0.00	33.78 0.37 0.00	34.44 0.61 0.00	38.01 1.25 0.00	47.83 -0.93 0.00	61.94 -0.94 0.00	60.07 -0.67 0.00	48.27 -0.59 0.04	49.31 1.39 0.00	48.56 1.09 0.00	46.54 0.96 0.00	46.33 0.64 0.00	44.65 0.92 0.00	44.71 1.01 0.00	49.37 0.20 0.01	60.93 -0.69 0.74	71.46 -0.93 5.27	70.92 -0.57 0.01	53.56 0.16 0.00	44.62 0.18 0.00	39.45 0.35 0.00	38.07 0.71 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	37.98 0.85 0.00	36.42 1.23 0.00	34.87 1.34 0.00	34.71 1.30 0.00	34.78 0.95 0.00	37.79 1.03 0.00	49.83 1.07 0.00	65.15 2.26 0.00	61.71 0.97 0.00	51.00 2.10 0.00	47.96 0.05 0.00	47.56 0.09 0.00	45.49 -0.09 0.00	45.87 0.18 0.00	43.73 0.00 0.00	43.35 -0.35 0.00	48.74 -0.44 0.00	62.55 0.19 0.00	78.36 0.70 0.00	72.51 1.00 0.00	52.60 -0.80 0.00	43.78 -0.67 0.00	38.86 -0.23 0.00	37.77 0.41 0.00

MORRIS_RIDGE___SOLAR 323848	37.50 0.37 0.00	35.85 0.67 0.00	34.27 0.74 0.00	34.11 0.70 0.00	34.47 0.64 0.00	37.16 0.41 0.00	48.90 0.15 0.00	62.70 -0.19 0.00	59.58 -1.16 0.00	48.40 -0.49 0.00	46.67 -1.25 0.00	46.18 -1.28 0.00	44.36 -1.23 0.00	44.64 -1.05 0.00	42.59 -1.14 0.00	42.30 -1.40 0.00	47.65 -1.52 0.00	61.36 -1.00 0.00	77.12 -0.54 0.00	71.22 -0.28 0.00	52.33 -1.07 0.00	43.38 -1.07 0.00	38.43 -0.66 0.00	37.29 -0.07 0.00
MORTIMER_115KV_TB3 55949	37.24 0.11 0.00	35.47 0.28 0.00	33.83 0.30 0.00	33.68 0.27 0.00	33.90 0.07 0.00	36.87 0.11 0.00	48.76 0.00 0.00	62.51 -0.38 0.00	60.07 -0.67 0.00	48.84 -0.05 0.00	47.34 -0.57 0.00	46.99 -0.47 0.00	44.95 -0.64 0.00	45.19 -0.50 0.00	43.12 -0.61 0.00	43.05 -0.66 0.00	48.39 -0.79 0.00	61.80 -0.56 0.00	77.12 -0.54 0.00	71.22 -0.29 0.00	52.44 -0.96 0.00	43.73 -0.71 0.00	38.66 -0.43 0.00	37.40 0.04 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	38.65 1.52 0.00	36.63 1.44 0.00	34.84 1.31 0.00	34.78 1.37 0.00	35.29 1.45 0.00	38.26 1.51 0.00	50.41 1.66 0.00	65.65 2.77 0.00	63.65 2.92 0.00	51.19 2.30 0.00	50.50 2.59 0.00	50.22 2.75 0.00	48.32 2.74 0.00	48.43 2.74 0.00	46.48 2.75 0.00	46.37 2.67 0.00	52.13 2.95 0.00	65.85 3.49 0.00	81.93 4.27 0.00	75.29 3.79 0.00	56.28 2.88 0.00	46.93 2.49 0.00	41.17 2.07 0.00	39.19 1.83 0.00
MUNSVILLE_WIND_PWR 323609	39.24 2.12 0.00	37.26 2.08 0.00	35.54 2.01 0.00	35.28 1.87 0.00	35.83 2.00 0.00	39.04 2.28 0.00	52.51 3.75 0.00	68.17 5.28 0.00	65.42 4.68 0.00	51.88 2.98 0.00	50.26 2.35 0.00	49.41 1.95 0.00	47.41 1.83 0.00	47.47 1.78 0.00	45.17 1.44 0.00	45.32 1.62 0.00	51.44 2.26 0.00	66.23 3.87 0.00	83.49 5.83 0.00	77.37 5.86 0.00	57.19 3.79 0.00	47.38 2.93 0.00	41.24 2.15 0.00	39.68 2.32 0.00
N SALMON___HYD 24042	38.24 1.11 0.00	36.28 1.09 0.00	34.57 1.04 0.00	34.38 0.97 0.00	34.81 0.98 0.00	37.86 1.10 0.00	52.88 1.56 -2.57	68.77 1.76 -4.13	64.94 1.64 -2.56	50.19 1.27 -0.03	50.94 1.29 -1.73	50.43 1.23 -1.73	46.89 1.27 -0.03	46.83 1.14 0.00	44.60 0.87 0.00	44.62 0.92 0.00	50.07 0.89 0.00	63.42 1.06 0.00	78.67 1.01 0.00	72.86 1.36 0.00	57.01 1.01 -2.59	45.11 0.67 0.00	39.95 0.86 0.00	38.00 0.63 0.00
N.AKRON__115KV_KNAPP 355671	37.54 0.41 0.00	35.96 0.77 0.00	34.44 0.91 0.00	34.25 0.84 0.00	34.27 0.44 0.00	37.16 0.40 0.00	48.71 -0.05 0.00	62.13 -0.75 0.00	59.46 -1.28 0.00	48.84 -0.05 0.00	46.96 -0.96 0.00	46.51 -0.95 0.00	44.45 -1.14 0.00	44.78 -0.91 0.00	42.63 -1.09 0.00	42.43 -1.27 0.00	47.61 -1.57 0.00	60.93 -1.43 0.00	76.19 -1.48 0.00	70.50 -1.00 0.00	51.37 -2.03 0.00	42.93 -1.51 0.00	38.23 -0.86 0.00	37.51 0.15 0.00
N.E_GEN_SANDY PD 24062	37.83 0.70 0.00	35.82 0.63 0.00	34.00 0.47 0.00	33.91 0.50 0.00	34.34 0.51 0.00	37.42 0.66 0.00	49.58 0.83 0.00	64.08 1.19 0.00	60.96 1.46 1.24	51.40 1.27 -1.24	49.31 1.39 0.00	48.89 1.42 0.00	47.00 1.41 0.00	47.15 1.46 0.00	45.22 1.49 0.00	45.19 1.49 0.00	50.80 1.62 0.00	64.05 1.68 0.00	79.60 1.94 0.00	73.22 1.71 0.00	55.00 1.60 0.00	45.87 1.42 0.00	40.27 1.17 0.00	38.41 1.04 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	38.39 1.26 0.00	36.35 1.16 0.00	34.57 1.04 0.00	34.51 1.10 0.00	35.01 1.18 0.00	38.04 1.29 0.00	50.32 1.56 0.00	65.40 2.52 0.00	63.23 2.49 0.00	50.90 2.00 0.00	50.02 2.11 0.00	49.84 2.37 0.00	47.82 2.23 0.00	47.93 2.24 0.00	46.00 2.27 0.00	45.93 2.23 0.00	51.74 2.56 0.00	65.48 3.12 0.00	81.62 3.96 0.00	75.01 3.50 0.00	56.02 2.62 0.00	46.67 2.22 0.00	40.89 1.80 0.00	38.93 1.57 0.00
N.QUEENS_27_KV_LOAD 356247	38.98 1.86 0.00	36.78 1.58 -0.01	34.91 1.37 -0.01	34.82 1.40 -0.01	35.36 1.52 -0.01	38.30 1.54 0.00	49.83 1.07 0.00	65.15 2.26 0.00	63.23 2.49 0.00	50.90 2.00 0.00	50.46 2.54 0.00	50.22 2.75 0.00	48.37 2.78 0.00	48.52 2.83 0.00	46.57 2.84 0.00	46.28 2.58 0.00	51.93 2.75 0.00	65.67 3.31 0.00	81.70 4.04 0.00	75.01 3.50 0.00	56.02 2.62 0.00	46.71 2.27 0.00	41.09 1.99 0.00	39.38 2.02 0.00
N.TROY___115KV_TB1 355778	37.87 0.74 0.00	35.85 0.67 0.00	34.07 0.54 0.00	33.98 0.57 0.00	34.44 0.61 0.00	37.46 0.70 0.00	49.78 1.02 0.00	64.27 1.38 0.00	62.32 1.58 0.00	50.16 1.27 0.00	49.26 1.34 0.00	48.75 1.28 0.00	46.82 1.23 0.00	46.97 1.28 0.00	45.00 1.27 0.00	44.97 1.27 0.00	50.65 1.48 0.00	64.05 1.68 0.00	79.68 2.02 0.00	73.22 1.72 0.00	54.95 1.55 0.00	45.73 1.29 0.00	40.15 1.06 0.00	38.33 0.97 0.00
NARROWS_GT1_1 24228	38.87 1.75 0.00	36.88 1.69 -0.01	35.12 1.58 -0.01	35.06 1.64 -0.01	35.50 1.66 -0.01	38.30 1.54 0.00	50.07 1.32 0.00	65.40 2.52 0.00	63.41 2.67 0.00	50.95 2.05 0.00	50.31 2.39 0.00	50.07 2.61 0.00	48.27 2.69 0.00	48.38 2.70 0.00	46.48 2.76 0.00	46.32 2.62 0.00	52.08 2.90 0.00	65.92 3.55 0.00	82.01 4.35 0.00	75.29 3.79 0.00	56.17 2.78 0.00	47.02 2.58 0.00	41.20 2.11 0.00	39.42 2.05 0.00
NARROWS_GT1_2 24229	38.87 1.75 0.00	36.88 1.69 -0.01	35.12 1.58 -0.01	35.06 1.64 -0.01	35.50 1.66 -0.01	38.30 1.54 0.00	50.07 1.32 0.00	65.40 2.52 0.00	63.41 2.67 0.00	50.95 2.05 0.00	50.31 2.39 0.00	50.07 2.61 0.00	48.27 2.69 0.00	48.38 2.70 0.00	46.48 2.76 0.00	46.32 2.62 0.00	52.08 2.90 0.00	65.92 3.55 0.00	82.01 4.35 0.00	75.29 3.79 0.00	56.17 2.78 0.00	47.02 2.58 0.00	41.20 2.11 0.00	39.42 2.05 0.00
NARROWS_GT1_3 24230	38.87 1.75 0.00	36.88 1.69 -0.01	35.12 1.58 -0.01	35.06 1.64 -0.01	35.50 1.66 -0.01	38.30 1.54 0.00	50.07 1.32 0.00	65.40 2.52 0.00	63.41 2.67 0.00	50.95 2.05 0.00	50.31 2.39 0.00	50.07 2.61 0.00	48.27 2.69 0.00	48.38 2.70 0.00	46.48 2.76 0.00	46.32 2.62 0.00	52.08 2.90 0.00	65.92 3.55 0.00	82.01 4.35 0.00	75.29 3.79 0.00	56.17 2.78 0.00	47.02 2.58 0.00	41.20 2.11 0.00	39.42 2.05 0.00
NARROWS_GT1_4 24231	38.87 1.75 0.00	36.88 1.69 -0.01	35.12 1.58 -0.01	35.06 1.64 -0.01	35.50 1.66 -0.01	38.30 1.54 0.00	50.07 1.32 0.00	65.40 2.52 0.00	63.41 2.67 0.00	50.95 2.05 0.00	50.31 2.39 0.00	50.07 2.61 0.00	48.27 2.69 0.00	48.38 2.70 0.00	46.48 2.76 0.00	46.32 2.62 0.00	52.08 2.90 0.00	65.92 3.55 0.00	82.01 4.35 0.00	75.29 3.79 0.00	56.17 2.78 0.00	47.02 2.58 0.00	41.20 2.11 0.00	39.42 2.05 0.00
NARROWS_GT1_5 24232	38.87 1.75 0.00	36.88 1.69 -0.01	35.12 1.58 -0.01	35.06 1.64 -0.01	35.50 1.66 -0.01	38.30 1.54 0.00	50.07 1.32 0.00	65.40 2.52 0.00	63.41 2.67 0.00	50.95 2.05 0.00	50.31 2.39 0.00	50.07 2.61 0.00	48.27 2.69 0.00	48.38 2.70 0.00	46.48 2.76 0.00	46.32 2.62 0.00	52.08 2.90 0.00	65.92 3.55 0.00	82.01 4.35 0.00	75.29 3.79 0.00	56.17 2.78 0.00	47.02 2.58 0.00	41.20 2.11 0.00	39.42 2.05 0.00

NARROWS_GT1_6 24233	38.87 1.75 0.00	36.88 1.69 -0.01	35.12 1.58 -0.01	35.06 1.64 -0.01	35.50 1.66 -0.01	38.30 1.54 0.00	50.07 1.32 0.00	65.40 2.52 0.00	63.41 2.67 0.00	50.95 2.05 0.00	50.31 2.39 0.00	50.07 2.61 0.00	48.27 2.69 0.00	48.38 2.70 0.00	46.48 2.76 0.00	46.32 2.62 0.00	52.08 2.90 0.00	65.92 3.55 0.00	82.01 4.35 0.00	75.29 3.79 0.00	56.17 2.78 0.00	47.02 2.58 0.00	41.20 2.11 0.00	39.42 2.05 0.00
NARROWS_GT1_7 24234	38.87 1.75 0.00	36.88 1.69 -0.01	35.12 1.58 -0.01	35.06 1.64 -0.01	35.50 1.66 -0.01	38.30 1.54 0.00	50.07 1.32 0.00	65.40 2.52 0.00	63.41 2.67 0.00	50.95 2.05 0.00	50.31 2.39 0.00	50.07 2.61 0.00	48.27 2.69 0.00	48.38 2.70 0.00	46.48 2.76 0.00	46.32 2.62 0.00	52.08 2.90 0.00	65.92 3.55 0.00	82.01 4.35 0.00	75.29 3.79 0.00	56.17 2.78 0.00	47.02 2.58 0.00	41.20 2.11 0.00	39.42 2.05 0.00
NARROWS_GT1_8 24235	38.87 1.75 0.00	36.88 1.69 -0.01	35.12 1.58 -0.01	35.06 1.64 -0.01	35.50 1.66 -0.01	38.30 1.54 0.00	50.07 1.32 0.00	65.40 2.52 0.00	63.41 2.67 0.00	50.95 2.05 0.00	50.31 2.39 0.00	50.07 2.61 0.00	48.27 2.69 0.00	48.38 2.70 0.00	46.48 2.76 0.00	46.32 2.62 0.00	52.08 2.90 0.00	65.92 3.55 0.00	82.01 4.35 0.00	75.29 3.79 0.00	56.17 2.78 0.00	47.02 2.58 0.00	41.20 2.11 0.00	39.42 2.05 0.00
NARROWS_GT2_1 24236	38.87 1.75 0.00	36.88 1.69 -0.01	35.12 1.58 -0.01	35.06 1.64 -0.01	35.50 1.66 -0.01	38.30 1.54 0.00	50.07 1.32 0.00	65.40 2.52 0.00	63.41 2.67 0.00	50.95 2.05 0.00	50.31 2.39 0.00	50.07 2.61 0.00	48.27 2.69 0.00	48.38 2.70 0.00	46.48 2.76 0.00	46.32 2.62 0.00	52.08 2.90 0.00	65.92 3.55 0.00	82.01 4.35 0.00	75.29 3.79 0.00	56.17 2.78 0.00	47.02 2.58 0.00	41.20 2.11 0.00	39.42 2.05 0.00
NARROWS_GT2_2 24237	38.87 1.75 0.00	36.88 1.69 -0.01	35.12 1.58 -0.01	35.06 1.64 -0.01	35.50 1.66 -0.01	38.30 1.54 0.00	50.07 1.32 0.00	65.40 2.52 0.00	63.41 2.67 0.00	50.95 2.05 0.00	50.31 2.39 0.00	50.07 2.61 0.00	48.27 2.69 0.00	48.38 2.70 0.00	46.48 2.76 0.00	46.32 2.62 0.00	52.08 2.90 0.00	65.92 3.55 0.00	82.01 4.35 0.00	75.29 3.79 0.00	56.17 2.78 0.00	47.02 2.58 0.00	41.20 2.11 0.00	39.42 2.05 0.00
NARROWS_GT2_3 24238	38.87 1.75 0.00	36.88 1.69 -0.01	35.12 1.58 -0.01	35.06 1.64 -0.01	35.50 1.66 -0.01	38.30 1.54 0.00	50.07 1.32 0.00	65.40 2.52 0.00	63.41 2.67 0.00	50.95 2.05 0.00	50.31 2.39 0.00	50.07 2.61 0.00	48.27 2.69 0.00	48.38 2.70 0.00	46.48 2.76 0.00	46.32 2.62 0.00	52.08 2.90 0.00	65.92 3.55 0.00	82.01 4.35 0.00	75.29 3.79 0.00	56.17 2.78 0.00	47.02 2.58 0.00	41.20 2.11 0.00	39.42 2.05 0.00
NARROWS_GT2_4 24239	38.87 1.75 0.00	36.88 1.69 -0.01	35.12 1.58 -0.01	35.06 1.64 -0.01	35.50 1.66 -0.01	38.30 1.54 0.00	50.07 1.32 0.00	65.40 2.52 0.00	63.41 2.67 0.00	50.95 2.05 0.00	50.31 2.39 0.00	50.07 2.61 0.00	48.27 2.69 0.00	48.38 2.70 0.00	46.48 2.76 0.00	46.32 2.62 0.00	52.08 2.90 0.00	65.92 3.55 0.00	82.01 4.35 0.00	75.29 3.79 0.00	56.17 2.78 0.00	47.02 2.58 0.00	41.20 2.11 0.00	39.42 2.05 0.00
NARROWS_GT2_5 24240	38.87 1.75 0.00	36.88 1.69 -0.01	35.12 1.58 -0.01	35.06 1.64 -0.01	35.50 1.66 -0.01	38.30 1.54 0.00	50.07 1.32 0.00	65.40 2.52 0.00	63.41 2.67 0.00	50.95 2.05 0.00	50.31 2.39 0.00	50.07 2.61 0.00	48.27 2.69 0.00	48.38 2.70 0.00	46.48 2.76 0.00	46.32 2.62 0.00	52.08 2.90 0.00	65.92 3.55 0.00	82.01 4.35 0.00	75.29 3.79 0.00	56.17 2.78 0.00	47.02 2.58 0.00	41.20 2.11 0.00	39.42 2.05 0.00
NARROWS_GT2_6 24241	38.87 1.75 0.00	36.88 1.69 -0.01	35.12 1.58 -0.01	35.06 1.64 -0.01	35.50 1.66 -0.01	38.30 1.54 0.00	50.07 1.32 0.00	65.40 2.52 0.00	63.41 2.67 0.00	50.95 2.05 0.00	50.31 2.39 0.00	50.07 2.61 0.00	48.27 2.69 0.00	48.38 2.70 0.00	46.48 2.76 0.00	46.32 2.62 0.00	52.08 2.90 0.00	65.92 3.55 0.00	82.01 4.35 0.00	75.29 3.79 0.00	56.17 2.78 0.00	47.02 2.58 0.00	41.20 2.11 0.00	39.42 2.05 0.00
NARROWS_GT2_7 24242	38.87 1.75 0.00	36.88 1.69 -0.01	35.12 1.58 -0.01	35.06 1.64 -0.01	35.50 1.66 -0.01	38.30 1.54 0.00	50.07 1.32 0.00	65.40 2.52 0.00	63.41 2.67 0.00	50.95 2.05 0.00	50.31 2.39 0.00	50.07 2.61 0.00	48.27 2.69 0.00	48.38 2.70 0.00	46.48 2.76 0.00	46.32 2.62 0.00	52.08 2.90 0.00	65.92 3.55 0.00	82.01 4.35 0.00	75.29 3.79 0.00	56.17 2.78 0.00	47.02 2.58 0.00	41.20 2.11 0.00	39.42 2.05 0.00
NARROWS_GT2_8 24243	38.87 1.75 0.00	36.88 1.69 -0.01	35.12 1.58 -0.01	35.06 1.64 -0.01	35.50 1.66 -0.01	38.30 1.54 0.00	50.07 1.32 0.00	65.40 2.52 0.00	63.41 2.67 0.00	50.95 2.05 0.00	50.31 2.39 0.00	50.07 2.61 0.00	48.27 2.69 0.00	48.38 2.70 0.00	46.48 2.76 0.00	46.32 2.62 0.00	52.08 2.90 0.00	65.92 3.55 0.00	82.01 4.35 0.00	75.29 3.79 0.00	56.17 2.78 0.00	47.02 2.58 0.00	41.20 2.11 0.00	39.42 2.05 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	37.39 0.26 0.00	35.40 0.21 0.00	33.73 0.20 0.00	33.65 0.23 0.00	34.10 0.27 0.00	37.27 0.51 0.00	50.02 1.27 0.00	64.52 1.64 0.00	62.54 1.82 0.02	49.28 0.39 0.00	48.13 0.24 0.02	47.73 0.28 0.02	-17.36 0.46 63.41	-17.36 0.50 63.55	-16.65 0.57 60.94	44.12 0.44 0.02	49.62 0.44 0.00	63.24 0.87 0.00	78.98 1.32 0.00	72.51 1.00 0.00	54.25 0.85 0.00	45.11 0.67 0.00	39.80 0.70 0.00	37.96 0.60 0.00
NCHELSEA_115KV_TR2 355582	38.50 1.37 0.00	36.45 1.27 0.00	34.67 1.14 0.00	34.58 1.17 0.00	35.12 1.29 0.00	38.12 1.36 0.00	50.56 1.80 0.00	65.65 2.77 0.00	63.47 2.73 0.00	51.00 2.10 0.00	50.02 2.11 0.00	49.74 2.28 0.00	46.02 2.14 1.71	46.13 2.15 1.71	44.23 2.14 1.64	45.89 2.19 0.00	51.74 2.56 0.00	65.54 3.18 0.00	81.78 4.12 0.00	75.08 3.58 0.00	56.07 2.67 0.00	46.71 2.27 0.00	40.97 1.88 0.00	39.01 1.64 0.00
NEG CAPITAL___MECHNVIL 23645	38.28 1.15 0.00	36.24 1.05 0.00	34.47 0.94 0.00	34.38 0.97 0.00	34.84 1.01 0.00	37.90 1.14 0.00	50.56 1.81 0.00	65.27 2.39 0.00	63.10 2.37 0.00	50.60 1.71 0.00	49.69 1.77 0.00	49.08 1.61 0.00	47.04 1.46 0.00	47.20 1.51 0.00	45.22 1.49 0.00	45.19 1.49 0.00	50.95 1.77 0.00	64.60 2.24 0.00	80.54 2.88 0.00	73.94 2.43 0.00	55.43 2.03 0.00	46.04 1.60 0.00	40.42 1.33 0.00	38.56 1.20 0.00
NEG CENTRAL_HIGH_ACRES 23767	36.42 -0.71 0.00	34.66 -0.53 0.00	33.03 -0.50 0.00	32.88 -0.54 0.00	33.26 -0.58 0.00	36.06 -0.70 0.00	47.83 -0.93 0.00	61.56 -1.32 0.00	59.16 -1.58 0.00	47.96 -0.93 0.00	46.58 -1.34 0.00	46.13 -1.33 0.00	44.22 -1.37 0.00	44.36 -1.33 0.00	42.33 -1.40 0.00	42.30 -1.40 0.00	47.60 -1.58 0.00	60.81 -1.56 0.00	75.95 -1.71 0.00	70.08 -1.43 0.00	51.85 -1.55 0.00	43.11 -1.33 0.00	38.04 -1.05 0.00	36.65 -0.71 0.00

NEG CENTRAL___DRP 24199	37.39 0.26 0.00	35.47 0.28 0.00	33.83 0.30 0.00	33.71 0.30 0.00	34.03 0.20 0.00	37.05 0.29 0.00	49.39 0.63 0.00	63.64 0.75 0.00	61.04 0.30 0.00	49.19 0.29 0.00	47.87 -0.05 0.00	47.37 -0.09 0.00	45.40 -0.18 0.00	45.60 -0.09 0.00	43.51 -0.22 0.00	43.48 -0.22 0.00	49.08 -0.10 0.00	62.80 0.44 0.00	78.67 1.01 0.00	72.58 1.07 0.00	53.67 0.27 0.00	44.53 0.09 0.00	39.17 0.08 0.00	37.62 0.26 0.00
NEG CENTRAL___INDECK 23768	38.50 1.37 0.00	36.73 1.55 0.00	35.04 1.51 0.00	34.85 1.44 0.00	35.22 1.39 0.00	38.19 1.43 0.00	50.76 2.00 0.00	65.15 2.26 0.00	61.95 1.21 0.00	49.97 1.07 0.00	48.16 0.24 0.00	47.61 0.14 0.00	45.54 -0.05 0.00	45.78 0.09 0.00	43.73 0.00 0.00	43.70 0.00 0.00	49.38 0.20 0.00	63.80 1.44 0.00	80.38 2.72 0.00	74.37 2.86 0.00	54.63 1.23 0.00	45.29 0.84 0.00	39.88 0.78 0.00	38.52 1.16 0.00
NEG CENTRAL___SENECA 23627	37.65 0.52 0.00	35.78 0.60 0.00	34.10 0.57 0.00	33.98 0.57 0.00	34.27 0.44 0.00	37.31 0.55 0.00	49.78 1.02 0.00	64.08 1.19 0.00	61.35 0.61 0.00	49.48 0.59 0.00	48.01 0.10 0.00	47.51 0.05 0.00	45.54 -0.05 0.00	45.74 0.05 0.00	43.64 -0.09 0.00	43.61 -0.09 0.00	49.23 0.05 0.00	63.11 0.75 0.00	79.22 1.55 0.00	73.08 1.57 0.00	53.88 0.48 0.00	44.67 0.22 0.00	39.33 0.23 0.00	37.81 0.45 0.00
NEG CENTRAL___STATE_STREET 24147	37.20 0.07 0.00	35.26 0.07 0.00	33.60 0.07 0.00	33.48 0.07 0.00	33.83 0.00 0.00	36.87 0.11 0.00	49.15 0.39 0.00	63.45 0.57 0.00	60.98 0.24 0.00	49.04 0.15 0.00	47.82 -0.10 0.00	47.32 -0.14 0.00	45.40 -0.18 0.00	45.55 -0.14 0.00	43.47 -0.26 0.00	43.44 -0.26 0.00	49.03 -0.15 0.00	62.61 0.25 0.00	78.44 0.78 0.00	72.36 0.86 0.00	53.67 0.27 0.00	44.53 0.09 0.00	39.13 0.04 0.00	37.51 0.15 0.00
NEG MILLWOOD___DRP 24198	38.58 1.45 0.00	36.56 1.37 0.00	34.74 1.21 0.00	34.68 1.27 0.00	35.18 1.35 0.00	38.19 1.43 0.00	50.66 1.90 0.00	65.84 2.96 0.00	63.65 2.92 0.00	51.19 2.30 0.00	50.17 2.25 0.00	49.93 2.47 0.00	47.86 2.28 0.00	47.97 2.28 0.00	46.00 2.27 0.00	46.15 2.45 0.00	51.93 2.75 0.00	65.73 3.37 0.00	81.93 4.27 0.00	75.15 3.65 0.00	56.12 2.72 0.00	46.80 2.36 0.00	41.01 1.92 0.00	39.08 1.72 0.00
NEG NORTH_FLCN_SEA 23793	38.46 1.34 0.00	36.52 1.34 0.00	34.80 1.27 0.00	34.65 1.24 0.00	35.08 1.25 0.00	38.12 1.36 0.00	49.20 0.24 -0.20	62.39 -0.82 -0.32	60.21 -0.73 -0.20	48.31 -0.59 0.00	47.57 -0.48 -0.14	47.08 -0.52 -0.14	45.68 0.09 0.00	45.69 0.00 0.00	43.51 -0.22 0.00	43.48 -0.22 0.00	48.29 -0.89 0.00	61.24 -1.12 0.00	75.72 -1.94 0.00	69.93 -1.57 0.00	52.75 -0.85 -0.20	44.18 -0.27 0.00	39.25 0.16 0.00	37.32 -0.04 0.00
NEG NORTH_KES_CHATEGAY 23792	37.80 0.67 0.00	35.85 0.67 0.00	34.17 0.64 0.00	34.01 0.60 0.00	34.47 0.64 0.00	37.46 0.70 0.00	50.23 0.63 -0.84	64.73 0.50 -1.35	62.00 0.43 -0.84	49.20 0.29 -0.01	48.82 0.34 -0.56	48.36 0.33 -0.56	46.05 0.46 -0.01	46.06 0.37 0.00	43.99 0.26 0.00	43.96 0.26 0.00	49.33 0.15 0.00	62.55 0.19 0.00	77.66 0.00 0.00	71.65 0.14 0.00	54.39 0.16 -0.83	44.58 0.13 0.00	39.29 0.20 0.00	37.44 0.07 0.00
NEG NORTH___ALICE_FALLS 23915	38.43 1.30 0.00	36.49 1.30 0.00	34.77 1.24 0.00	34.61 1.20 0.00	35.05 1.22 0.00	38.08 1.32 0.00	49.90 0.83 -0.32	63.64 0.25 -0.51	61.30 0.24 -0.32	49.04 0.15 0.00	48.32 0.19 -0.21	47.87 0.19 -0.21	46.18 0.59 0.00	46.19 0.50 0.00	43.95 0.22 0.00	43.96 0.26 0.00	49.03 -0.15 0.00	62.24 -0.12 0.00	77.12 -0.54 0.00	71.29 -0.21 0.00	53.77 0.05 -0.31	44.67 0.22 0.00	39.56 0.47 0.00	37.59 0.22 0.00
NEG NORTH___LWR_SARANAC 23913	38.43 1.30 0.00	36.49 1.30 0.00	34.77 1.24 0.00	34.61 1.20 0.00	35.05 1.22 0.00	38.08 1.32 0.00	49.90 0.83 -0.32	63.64 0.25 -0.51	61.30 0.24 -0.32	49.04 0.15 0.00	48.32 0.19 -0.21	47.87 0.19 -0.21	46.18 0.59 0.00	46.19 0.50 0.00	43.95 0.22 0.00	43.96 0.26 0.00	49.03 -0.15 0.00	62.24 -0.12 0.00	77.12 -0.54 0.00	71.29 -0.21 0.00	53.77 0.05 -0.31	44.67 0.22 0.00	39.56 0.47 0.00	37.59 0.22 0.00
NEG NORTH___PLATTSBURG 23628	38.43 1.30 0.00	36.49 1.30 0.00	34.77 1.24 0.00	34.61 1.20 0.00	35.05 1.22 0.00	38.08 1.32 0.00	49.90 0.83 -0.32	63.64 0.25 -0.51	61.30 0.24 -0.32	49.04 0.15 0.00	48.32 0.19 -0.21	47.87 0.19 -0.21	46.18 0.59 0.00	46.19 0.50 0.00	43.95 0.22 0.00	43.97 0.26 0.00	49.03 -0.15 0.00	62.24 -0.12 0.00	77.12 -0.54 0.00	71.29 -0.21 0.00	53.35 -0.37 -0.32	44.14 -0.31 0.00	39.57 0.47 0.00	37.59 0.23 0.00
NEG WEST_LEA_LOCKPORT 23791	37.13 0.00 0.00	35.61 0.42 0.00	34.13 0.60 0.00	33.95 0.53 0.00	33.97 0.14 0.00	36.72 -0.04 0.00	47.88 -0.88 0.00	60.94 -1.95 0.00	58.01 -2.73 0.00	47.87 -1.03 0.00	46.10 -1.82 0.00	45.61 -1.85 0.00	43.81 -1.78 0.00	44.14 -1.55 0.00	42.07 -1.66 0.00	41.78 -1.92 0.00	46.77 -2.41 0.00	59.74 -2.62 0.00	74.56 -3.11 0.00	68.93 -2.57 0.00	50.25 -3.15 0.00	42.04 -2.40 0.00	37.57 -1.52 0.00	36.99 -0.37 0.00
NEG WEST___LANCASTR 23811	36.94 -0.19 0.00	35.36 0.18 0.00	33.83 0.30 0.00	33.71 0.30 0.00	33.80 -0.03 0.00	36.61 -0.15 0.00	48.12 -0.63 0.00	61.19 -1.70 0.00	58.19 -2.55 0.00	47.92 -0.98 0.00	46.29 -1.63 0.00	45.99 -1.47 0.00	44.08 -1.50 0.00	44.41 -1.28 0.00	42.37 -1.36 0.00	42.04 -1.66 0.00	47.26 -1.92 0.00	60.55 -1.81 0.00	75.80 -1.86 0.00	70.15 -1.36 0.00	51.05 -2.35 0.00	42.53 -1.91 0.00	37.80 -1.29 0.00	36.88 -0.49 0.00
NEG_PENN_ALLEGHNY 23528	37.57 0.45 0.00	35.71 0.53 0.00	34.03 0.50 0.00	33.91 0.50 0.00	34.34 0.51 0.00	37.23 0.48 0.00	49.39 0.63 0.00	63.64 0.76 0.00	61.10 0.37 0.00	49.38 0.49 0.00	48.16 0.24 0.00	47.70 0.24 0.00	45.81 0.23 0.00	45.97 0.28 0.00	43.95 0.22 0.00	43.88 0.18 0.00	49.48 0.30 0.00	63.05 0.69 0.00	78.83 1.17 0.00	72.72 1.21 0.00	53.99 0.59 0.00	44.80 0.35 0.00	39.41 0.31 0.00	37.85 0.48 0.00
NEG___GEN_MONROE 24207	37.39 0.26 0.00	35.64 0.46 0.00	34.03 0.50 0.00	33.85 0.43 0.00	34.10 0.27 0.00	37.09 0.33 0.00	48.85 0.10 0.00	62.51 -0.38 0.00	60.07 -0.67 0.00	48.99 0.10 0.00	47.44 -0.48 0.00	47.04 -0.43 0.00	44.95 -0.64 0.00	45.14 -0.55 0.00	43.07 -0.66 0.00	42.96 -0.74 0.00	48.25 -0.93 0.00	61.68 -0.69 0.00	77.12 -0.54 0.00	71.22 -0.29 0.00	52.38 -1.01 0.00	43.73 -0.71 0.00	38.70 -0.39 0.00	37.59 0.22 0.00
NEPA___ENERGY 23901	37.54 0.41 0.00	35.96 0.77 0.00	34.37 0.84 0.00	34.21 0.80 0.00	34.30 0.47 0.00	37.16 0.40 0.00	48.80 0.05 0.00	62.51 -0.38 0.00	59.34 -1.40 0.00	48.84 -0.05 0.00	46.91 -1.01 0.00	46.66 -0.81 0.00	44.72 -0.87 0.00	45.05 -0.64 0.00	42.98 -0.74 0.00	42.70 -1.01 0.00	48.00 -1.18 0.00	61.49 -0.87 0.00	77.04 -0.62 0.00	71.29 -0.21 0.00	51.96 -1.44 0.00	43.24 -1.20 0.00	38.39 -0.70 0.00	37.47 0.11 0.00

NEVERSINK___HYD 23608	38.84 1.71 0.00	36.77 1.58 0.00	34.97 1.44 0.00	34.88 1.47 0.00	35.39 1.56 0.00	38.45 1.69 0.00	51.19 2.44 0.00	66.47 3.58 0.00	64.14 3.40 0.00	51.34 2.44 0.00	50.26 2.35 0.00	49.93 2.47 0.00	42.92 2.28 4.94	43.07 2.33 4.95	41.25 2.27 4.75	46.06 2.36 0.00	52.03 2.85 0.00	66.23 3.87 0.00	82.79 5.12 0.00	76.09 4.58 0.00	56.71 3.31 0.00	47.20 2.76 0.00	41.24 2.15 0.00	39.30 1.94 0.00
NEWKRMKL_115KV_TB1 55635	37.05 -0.07 0.00	35.05 -0.14 0.00	33.43 -0.10 0.00	33.34 -0.07 0.00	33.76 -0.07 0.00	36.68 -0.07 0.00	48.71 -0.05 0.00	62.82 -0.06 0.00	60.98 0.24 0.00	48.99 0.10 0.00	48.16 0.24 0.00	47.65 0.19 0.00	45.81 0.23 0.00	46.06 0.37 0.00	44.16 0.44 0.00	44.10 0.39 0.00	49.62 0.44 0.00	62.80 0.44 0.00	78.13 0.47 0.00	71.72 0.21 0.00	53.83 0.43 0.00	44.80 0.36 0.00	39.37 0.27 0.00	37.51 0.15 0.00
NEWTON___FALLS_HYD 23847	37.98 0.85 0.00	36.03 0.84 0.00	34.34 0.80 0.00	34.11 0.70 0.00	34.61 0.78 0.00	37.75 0.99 0.00	55.68 1.71 -5.21	73.66 2.39 -8.39	68.01 2.07 -5.21	50.12 1.17 -0.06	52.44 1.01 -3.51	51.78 0.81 -3.51	46.46 0.82 -0.06	46.33 0.64 0.00	44.21 0.48 0.00	44.31 0.61 0.00	49.82 0.64 0.00	63.17 0.81 0.00	78.98 1.32 0.00	73.08 1.57 0.00	59.87 1.28 -5.19	45.38 0.93 0.00	39.84 0.74 0.00	38.03 0.67 0.00
NGRID_A1_DSASP 323792	37.20 0.07 0.00	35.71 0.53 0.00	34.20 0.67 0.00	34.05 0.63 0.00	34.34 0.51 0.00	36.46 -0.30 0.00	47.10 -1.66 0.00	59.99 -2.89 0.00	57.15 -3.58 0.00	47.23 -1.66 0.00	45.47 -2.44 0.00	45.04 -2.42 0.00	43.26 -2.32 0.00	43.59 -2.10 0.00	41.54 -2.19 0.00	41.34 -2.36 0.00	46.18 -3.00 0.00	58.81 -3.55 0.00	73.32 -4.35 0.00	67.78 -3.72 0.00	49.87 -3.53 0.00	41.56 -2.89 0.00	37.26 -1.84 0.00	36.88 -0.49 0.00
NGRID_A2_DSASP 323793	37.20 0.07 0.00	35.71 0.53 0.00	34.20 0.67 0.00	34.05 0.63 0.00	34.34 0.51 0.00	36.46 -0.30 0.00	47.10 -1.66 0.00	59.99 -2.89 0.00	57.15 -3.58 0.00	47.23 -1.66 0.00	45.47 -2.44 0.00	45.04 -2.42 0.00	43.26 -2.32 0.00	43.59 -2.10 0.00	41.54 -2.19 0.00	41.34 -2.36 0.00	46.18 -3.00 0.00	58.81 -3.55 0.00	73.32 -4.35 0.00	67.78 -3.72 0.00	49.87 -3.53 0.00	41.56 -2.89 0.00	37.26 -1.84 0.00	36.88 -0.49 0.00
NGRID_A4_DSASP 323807	37.20 0.07 0.00	35.71 0.53 0.00	34.20 0.67 0.00	34.05 0.63 0.00	34.34 0.51 0.00	36.46 -0.30 0.00	47.10 -1.66 0.00	59.99 -2.89 0.00	57.15 -3.58 0.00	47.23 -1.66 0.00	45.47 -2.44 0.00	45.04 -2.42 0.00	43.26 -2.32 0.00	43.59 -2.10 0.00	41.54 -2.19 0.00	41.34 -2.36 0.00	46.18 -3.00 0.00	58.81 -3.55 0.00	73.32 -4.35 0.00	67.78 -3.72 0.00	49.87 -3.53 0.00	41.56 -2.89 0.00	37.26 -1.84 0.00	36.88 -0.49 0.00
NIAGARA_115E_LBMP 323715	36.57 -0.56 0.00	35.12 -0.07 0.00	33.70 0.17 0.00	33.51 0.10 0.00	33.83 0.00 0.00	36.21 -0.55 0.00	46.95 -1.80 0.00	59.87 -3.02 0.00	57.03 -3.71 0.00	47.08 -1.81 0.00	45.33 -2.59 0.00	44.90 -2.56 0.00	43.17 -2.42 0.00	43.45 -2.24 0.00	41.41 -2.32 0.00	41.17 -2.54 0.00	46.03 -3.15 0.00	58.68 -3.68 0.00	73.16 -4.51 0.00	67.64 -3.86 0.00	49.77 -3.63 0.00	41.47 -2.98 0.00	37.10 -1.99 0.00	36.46 -0.90 0.00
NIAGARA_115W_LBMP 323714	37.16 0.04 0.00	35.68 0.49 0.00	34.17 0.64 0.00	34.01 0.60 0.00	34.30 0.47 0.00	36.43 -0.33 0.00	47.00 -1.75 0.00	59.87 -3.02 0.00	57.03 -3.71 0.00	47.13 -1.76 0.00	45.38 -2.54 0.00	44.95 -2.52 0.00	43.17 -2.42 0.00	43.50 -2.19 0.00	41.45 -2.28 0.00	41.26 -2.45 0.00	46.08 -3.10 0.00	58.68 -3.68 0.00	73.16 -4.51 0.00	67.64 -3.86 0.00	49.77 -3.63 0.00	41.47 -2.98 0.00	37.18 -1.91 0.00	36.84 -0.52 0.00
NIAGARA_230_LBMP 323716	36.98 -0.15 0.00	35.50 0.32 0.00	33.97 0.43 0.00	33.81 0.40 0.00	34.13 0.30 0.00	36.54 -0.22 0.00	47.39 -1.36 0.00	60.37 -2.52 0.00	57.58 -3.16 0.00	47.52 -1.37 0.00	45.76 -2.16 0.00	45.38 -2.09 0.00	43.58 -2.00 0.00	43.91 -1.78 0.00	41.85 -1.88 0.00	41.61 -2.10 0.00	46.52 -2.66 0.00	59.25 -3.12 0.00	73.94 -3.73 0.00	68.29 -3.22 0.00	50.30 -3.10 0.00	41.91 -2.53 0.00	37.49 -1.60 0.00	36.84 -0.52 0.00
NIAGARA___115KV_198_GIBSON 55903	37.16 0.04 0.00	35.68 0.49 0.00	34.17 0.64 0.00	34.01 0.60 0.00	34.00 0.17 0.00	36.39 -0.37 0.00	47.10 -1.66 0.00	59.87 -3.02 0.00	57.03 -3.71 0.00	47.08 -1.81 0.00	45.38 -2.54 0.00	44.95 -2.52 0.00	43.17 -2.42 0.00	43.50 -2.19 0.00	41.45 -2.27 0.00	41.21 -2.49 0.00	46.08 -3.10 0.00	58.68 -3.68 0.00	73.16 -4.50 0.00	67.64 -3.86 0.00	49.39 -4.00 0.00	41.33 -3.11 0.00	37.02 -2.07 0.00	36.84 -0.52 0.00
NIAGARA____ 23760	36.98 -0.15 0.00	35.50 0.32 0.00	33.97 0.43 0.00	33.81 0.40 0.00	34.13 0.30 0.00	36.54 -0.22 0.00	47.39 -1.36 0.00	60.37 -2.52 0.00	57.58 -3.16 0.00	47.52 -1.37 0.00	45.76 -2.16 0.00	45.38 -2.09 0.00	43.58 -2.00 0.00	43.91 -1.78 0.00	41.85 -1.88 0.00	41.61 -2.10 0.00	46.52 -2.66 0.00	59.25 -3.12 0.00	73.94 -3.73 0.00	68.29 -3.22 0.00	50.30 -3.10 0.00	41.91 -2.53 0.00	37.49 -1.60 0.00	36.84 -0.52 0.00
NINE_MILE_1 23575	36.13 -1.00 0.00	34.24 -0.95 0.00	32.63 -0.90 0.00	32.48 -0.94 0.00	32.88 -0.95 0.00	35.73 -1.03 0.00	47.44 -1.31 0.00	61.19 -1.69 0.00	58.97 -1.76 0.00	47.52 -1.37 0.00	46.48 -1.44 0.00	45.99 -1.47 0.00	44.17 -1.41 0.00	44.27 -1.42 0.00	42.37 -1.36 0.00	42.35 -1.36 0.00	47.65 -1.52 0.00	60.55 -1.81 0.00	75.49 -2.17 0.00	69.58 -1.93 0.00	51.85 -1.55 0.00	43.15 -1.29 0.00	37.96 -1.14 0.00	36.35 -1.01 0.00
NINE_MILE_2 23744	36.13 -1.00 0.00	34.24 -0.95 0.00	32.63 -0.90 0.00	32.51 -0.90 0.00	32.88 -0.95 0.00	35.73 -1.03 0.00	47.44 -1.31 0.00	61.19 -1.69 0.00	58.97 -1.76 0.00	47.52 -1.37 0.00	46.48 -1.44 0.00	45.99 -1.47 0.00	44.17 -1.41 0.00	44.32 -1.37 0.00	42.37 -1.36 0.00	42.35 -1.36 0.00	47.65 -1.52 0.00	60.55 -1.81 0.00	75.57 -2.09 0.00	69.58 -1.93 0.00	51.85 -1.55 0.00	43.15 -1.29 0.00	37.96 -1.14 0.00	36.35 -1.01 0.00
NM_CAPITAL___DRP 24208	37.20 0.07 0.00	35.22 0.04 0.00	33.56 0.03 0.00	33.45 0.03 0.00	33.90 0.07 0.00	36.79 0.04 0.00	48.85 0.10 0.00	62.95 0.06 0.00	61.10 0.36 0.00	49.14 0.24 0.00	48.30 0.38 0.00	47.80 0.33 0.00	46.00 0.41 0.00	46.28 0.59 0.00	44.38 0.66 0.00	44.31 0.61 0.00	49.92 0.74 0.00	63.11 0.75 0.00	78.52 0.85 0.00	72.15 0.64 0.00	54.09 0.69 0.00	45.02 0.58 0.00	39.56 0.47 0.00	37.74 0.37 0.00
NM_CENTRAL___DRP 24181	36.76 -0.37 0.00	34.83 -0.35 0.00	33.20 -0.34 0.00	33.08 -0.33 0.00	33.46 -0.37 0.00	36.39 -0.37 0.00	48.60 -0.39 -0.23	62.75 -0.50 -0.37	60.35 -0.61 -0.22	48.41 -0.49 0.00	47.49 -0.57 -0.15	47.00 -0.62 -0.15	44.95 -0.64 0.00	45.10 -0.59 0.00	43.07 -0.66 0.00	43.05 -0.66 0.00	48.49 -0.69 0.00	61.74 -0.62 0.00	77.04 -0.62 0.00	71.00 -0.50 0.00	53.03 -0.59 -0.22	43.91 -0.53 0.00	38.66 -0.43 0.00	37.06 -0.30 0.00

NM_FRONTIER___DRP 24179	37.16 0.04 0.00	35.68 0.49 0.00	34.17 0.64 0.00	34.01 0.60 0.00	34.00 0.17 0.00	36.39 -0.37 0.00	47.10 -1.66 0.00	59.87 -3.02 0.00	57.03 -3.71 0.00	47.08 -1.81 0.00	45.38 -2.54 0.00	44.95 -2.52 0.00	43.17 -2.42 0.00	43.50 -2.19 0.00	41.45 -2.27 0.00	41.21 -2.49 0.00	46.08 -3.10 0.00	58.68 -3.68 0.00	73.16 -4.50 0.00	67.64 -3.86 0.00	49.39 -4.00 0.00	41.33 -3.11 0.00	37.02 -2.07 0.00	36.84 -0.52 0.00
NM_ST_REGIS___HYD 24053	38.13 1.00 0.00	36.17 0.99 0.00	34.47 0.94 0.00	34.25 0.84 0.00	34.71 0.88 0.00	37.86 1.10 0.00	57.00 1.61 -6.64	75.57 2.01 -10.68	69.19 1.82 -6.63	50.19 1.22 -0.07	53.59 1.20 -4.47	53.03 1.09 -4.47	46.75 1.09 -0.07	46.65 0.96 0.00	44.56 0.83 0.00	44.58 0.87 0.00	49.97 0.79 0.00	63.05 0.69 0.00	78.36 0.70 0.00	72.51 1.00 0.00	61.02 1.01 -6.61	45.29 0.84 0.00	39.92 0.82 0.00	38.07 0.71 0.00
NORTHPORT___1 23551	38.06 0.93 0.00	35.78 0.60 0.00	34.24 0.71 0.00	34.35 0.93 0.00	34.84 1.01 0.00	38.49 1.73 0.00	49.10 0.34 0.00	63.39 0.50 0.00	61.47 0.73 0.00	49.63 0.73 0.00	49.84 1.92 0.00	49.27 1.80 0.00	47.36 1.78 0.00	46.97 1.28 0.00	45.17 1.44 0.00	45.19 1.49 0.00	50.45 1.28 0.01	62.31 0.50 0.55	74.15 0.39 3.90	71.93 0.43 0.01	54.36 0.96 0.00	45.29 0.84 0.00	39.80 0.70 0.00	38.07 0.71 0.00
NORTHPORT___2 23552	38.06 0.93 0.00	35.78 0.60 0.00	34.24 0.71 0.00	34.35 0.93 0.00	34.84 1.01 0.00	38.49 1.73 0.00	49.10 0.34 0.00	63.39 0.50 0.00	61.47 0.73 0.00	49.63 0.73 0.00	49.84 1.92 0.00	49.27 1.80 0.00	47.36 1.78 0.00	46.97 1.28 0.00	45.17 1.44 0.00	45.19 1.49 0.00	50.45 1.28 0.01	62.31 0.50 0.55	74.15 0.39 3.90	71.93 0.43 0.01	54.36 0.96 0.00	45.29 0.84 0.00	39.80 0.70 0.00	38.07 0.71 0.00
NORTHPORT___3 23553	38.09 0.96 0.00	35.85 0.67 0.00	34.37 0.84 0.00	34.48 1.07 0.00	34.95 1.11 0.00	38.49 1.73 0.00	49.10 0.34 0.00	63.58 0.69 0.00	61.65 0.91 0.00	49.67 0.78 0.00	49.84 1.92 0.00	49.27 1.80 0.00	47.00 1.41 0.00	46.64 0.96 0.01	44.90 1.18 0.01	44.87 1.18 0.01	50.08 0.98 0.08	58.38 0.38 4.36	47.27 0.47 30.86	71.85 0.36 0.02	54.19 0.80 0.01	45.14 0.71 0.01	39.52 0.43 0.01	37.66 0.30 0.00
NORTHPORT___4 23650	38.09 0.96 0.00	35.85 0.67 0.00	34.37 0.84 0.00	34.48 1.07 0.00	34.95 1.11 0.00	38.49 1.73 0.00	49.10 0.34 0.00	63.58 0.69 0.00	61.65 0.91 0.00	49.67 0.78 0.00	49.84 1.92 0.00	49.27 1.80 0.00	47.00 1.41 0.00	46.64 0.96 0.01	44.90 1.18 0.01	44.87 1.18 0.01	50.08 0.98 0.08	58.38 0.38 4.36	47.27 0.47 30.86	71.85 0.36 0.02	54.19 0.80 0.01	45.14 0.71 0.01	39.52 0.43 0.01	37.66 0.30 0.00
NORTHPORT___IC 23718	38.06 0.93 0.00	35.78 0.60 0.00	34.23 0.70 0.00	34.35 0.94 0.00	35.01 1.18 0.00	38.56 1.80 0.00	49.05 0.29 0.00	63.39 0.50 0.00	61.47 0.73 0.00	49.63 0.73 0.00	49.83 1.92 0.00	49.27 1.80 0.00	47.36 1.78 0.00	46.97 1.28 0.00	45.17 1.44 0.00	45.19 1.49 0.00	50.45 1.28 0.01	62.31 0.50 0.55	74.15 0.39 3.90	71.93 0.43 0.01	54.36 0.96 0.00	45.24 0.80 0.00	39.95 0.86 0.00	38.18 0.82 0.00
NORTH___COUNTRY_ESR 323785	37.72 0.59 0.00	35.78 0.60 0.00	34.10 0.57 0.00	33.94 0.53 0.00	34.37 0.54 0.00	37.34 0.59 0.00	50.09 0.49 -0.85	64.57 0.32 -1.37	61.89 0.31 -0.85	49.15 0.25 -0.01	48.78 0.29 -0.57	48.32 0.29 -0.57	46.00 0.41 -0.01	46.01 0.32 0.00	43.95 0.22 0.00	43.92 0.22 0.00	49.23 0.05 0.00	62.42 0.06 0.00	77.43 -0.23 0.00	71.36 -0.14 0.00	54.10 -0.16 -0.86	44.22 -0.22 0.00	39.17 0.08 0.00	37.32 -0.04 0.00
NPX_GEN_1385_PROXY 323591	37.72 0.59 0.00	35.50 0.32 0.00	33.67 0.13 0.00	33.81 0.40 0.00	34.27 0.44 0.00	38.23 1.47 0.00	48.90 0.15 0.00	62.32 -0.57 0.00	59.26 -0.24 1.24	50.62 0.49 -1.24	49.69 1.77 0.00	49.08 1.61 0.00	47.64 2.05 0.00	47.24 1.55 0.00	45.48 1.75 0.00	45.36 1.66 0.00	50.79 1.62 0.01	62.00 0.19 0.55	72.99 -0.78 3.90	70.78 -0.71 0.01	53.78 0.38 0.00	44.84 0.40 0.00	39.49 0.39 0.00	37.51 0.15 0.00
NPX_GEN_CSC 323557	37.83 0.70 0.00	35.47 0.28 0.00	34.00 0.47 0.00	34.08 0.67 0.00	34.57 0.74 0.00	38.23 1.47 0.00	48.66 -0.10 0.00	62.82 -0.06 0.00	59.68 0.18 1.24	50.29 0.20 -1.20	49.50 1.58 0.00	48.84 1.38 0.00	46.91 1.32 0.00	46.65 0.96 0.00	44.91 1.18 0.00	44.92 1.22 0.00	50.06 0.89 0.01	61.75 0.12 0.74	72.50 0.08 5.24	71.71 0.22 0.01	54.20 0.80 0.00	45.15 0.71 0.00	39.80 0.70 0.00	38.00 0.63 0.00
NSINS_S_GLNS_FALLS 23858	38.13 1.00 0.00	36.10 0.91 0.00	34.37 0.84 0.00	34.28 0.87 0.00	34.78 0.95 0.00	37.79 1.03 0.00	50.61 1.85 0.00	65.34 2.45 0.00	63.05 2.31 0.00	50.41 1.52 0.00	49.45 1.53 0.00	48.75 1.28 0.00	46.59 1.00 0.00	46.79 1.10 0.00	44.78 1.05 0.00	44.71 1.01 0.00	50.56 1.38 0.00	64.30 1.93 0.00	80.23 2.56 0.00	73.58 2.07 0.00	55.11 1.71 0.00	45.69 1.24 0.00	40.11 1.02 0.00	38.26 0.90 0.00
NUCOR_STEEL___DRP 24197	37.20 0.07 0.00	35.29 0.11 0.00	33.63 0.10 0.00	33.51 0.10 0.00	33.86 0.03 0.00	36.83 0.07 0.00	49.10 0.34 0.00	63.39 0.50 0.00	60.92 0.18 0.00	49.04 0.15 0.00	47.82 -0.10 0.00	47.32 -0.14 0.00	45.40 -0.18 0.00	45.55 -0.14 0.00	43.47 -0.26 0.00	43.44 -0.26 0.00	49.03 -0.15 0.00	62.55 0.19 0.00	78.28 0.62 0.00	72.22 0.72 0.00	53.61 0.21 0.00	44.53 0.09 0.00	39.17 0.08 0.00	37.51 0.15 0.00
NUMBER_THREE_WT_PWR 323818	38.06 0.93 0.00	36.07 0.88 0.00	34.37 0.84 0.00	34.15 0.73 0.00	34.64 0.81 0.00	37.79 1.03 0.00	52.87 1.85 -2.26	69.23 2.70 -3.64	65.37 2.37 -2.26	50.19 1.27 -0.02	50.45 1.01 -1.53	49.75 0.76 -1.53	46.43 0.82 -0.02	46.38 0.69 0.00	44.25 0.53 0.00	44.36 0.66 0.00	50.07 0.89 0.00	63.86 1.49 0.00	80.15 2.48 0.00	74.15 2.65 0.00	57.51 1.82 -2.29	45.51 1.06 0.00	39.76 0.66 0.00	38.04 0.67 0.00
NYISO_LBMP_REFERENCE 24008	37.13 0.00 0.00	35.19 0.00 0.00	33.53 0.00 0.00	33.41 0.00 0.00	33.83 0.00 0.00	36.76 0.00 0.00	48.76 0.00 0.00	62.88 0.00 0.00	60.74 0.00 0.00	48.89 0.00 0.00	47.92 0.00 0.00	47.46 0.00 0.00	45.59 0.00 0.00	45.69 0.00 0.00	43.73 0.00 0.00	43.70 0.00 0.00	49.18 0.00 0.00	62.36 0.00 0.00	77.66 0.00 0.00	71.50 0.00 0.00	53.40 0.00 0.00	44.44 0.00 0.00	39.10 0.00 0.00	37.36 0.00 0.00
NYPA_BRENTWD____GT 24164	38.46 1.33 0.00	36.10 0.91 0.00	34.57 1.04 0.00	34.68 1.27 0.00	35.19 1.35 0.00	38.89 2.13 0.00	49.78 1.03 0.00	64.33 1.45 0.00	62.31 1.58 0.00	50.31 1.42 0.00	50.50 2.59 0.00	49.88 2.42 0.00	47.86 2.28 0.00	47.61 1.92 0.00	45.87 2.14 0.00	45.89 2.18 0.00	51.23 2.07 0.02	62.81 1.44 0.99	72.29 1.63 7.00	73.00 1.50 0.01	55.06 1.66 0.00	46.04 1.60 0.00	40.34 1.25 0.00	38.56 1.20 0.00

NYPA_GOWANUS____GT5 24156	38.87 1.75 0.00	36.88 1.69 -0.01	35.12 1.58 -0.01	35.06 1.64 -0.01	35.50 1.66 -0.01	38.30 1.54 0.00	50.07 1.32 0.00	65.40 2.52 0.00	63.41 2.67 0.00	50.95 2.05 0.00	50.31 2.39 0.00	50.07 2.61 0.00	48.27 2.69 0.00	48.38 2.70 0.00	46.48 2.76 0.00	46.32 2.62 0.00	52.08 2.90 0.00	65.92 3.55 0.00	82.01 4.35 0.00	75.29 3.79 0.00	56.17 2.78 0.00	47.02 2.58 0.00	41.20 2.11 0.00	39.42 2.05 0.00
NYPA_GOWANUS____GT6 24157	38.87 1.75 0.00	36.88 1.69 -0.01	35.12 1.58 -0.01	35.06 1.64 -0.01	35.50 1.66 -0.01	38.30 1.54 0.00	50.07 1.32 0.00	65.40 2.52 0.00	63.41 2.67 0.00	50.95 2.05 0.00	50.31 2.39 0.00	50.07 2.61 0.00	48.27 2.69 0.00	48.38 2.70 0.00	46.48 2.76 0.00	46.32 2.62 0.00	52.08 2.90 0.00	65.92 3.55 0.00	82.01 4.35 0.00	75.29 3.79 0.00	56.17 2.78 0.00	47.02 2.58 0.00	41.20 2.11 0.00	39.42 2.05 0.00
NYPA_HARLEM__RVR__GT1 24160	38.95 1.82 -0.01	36.78 1.58 -0.01	34.88 1.34 -0.01	34.82 1.40 -0.01	35.29 1.45 -0.01	38.27 1.51 0.00	49.77 1.03 0.01	64.95 2.07 0.01	63.04 2.31 0.01	50.69 1.81 0.01	50.26 2.35 0.01	50.02 2.56 0.01	48.17 2.60 0.01	48.28 2.60 0.01	46.39 2.67 0.01	46.10 2.40 0.01	51.73 2.56 0.01	65.41 3.05 0.01	81.38 3.73 0.01	74.72 3.22 0.01	55.85 2.46 0.01	46.66 2.22 0.01	41.01 1.92 0.00	39.34 1.98 0.00
NYPA_HARLEM__RVR__GT2 24161	38.95 1.82 -0.01	36.78 1.58 -0.01	34.88 1.34 -0.01	34.82 1.40 -0.01	35.29 1.45 -0.01	38.27 1.51 0.00	49.77 1.03 0.01	64.95 2.07 0.01	63.04 2.31 0.01	50.69 1.81 0.01	50.26 2.35 0.01	50.02 2.56 0.01	48.17 2.60 0.01	48.28 2.60 0.01	46.39 2.67 0.01	46.10 2.40 0.01	51.73 2.56 0.01	65.41 3.05 0.01	81.38 3.73 0.01	74.72 3.22 0.01	55.85 2.46 0.01	46.66 2.22 0.01	41.01 1.92 0.00	39.34 1.98 0.00
NYPA_KENT____GT 24152	38.87 1.75 0.00	36.85 1.65 -0.01	35.05 1.51 -0.01	34.99 1.57 -0.01	35.46 1.62 -0.01	38.34 1.58 0.00	50.17 1.41 0.00	65.46 2.58 0.00	63.47 2.74 0.00	51.04 2.15 0.00	50.41 2.49 0.00	50.17 2.70 0.00	48.32 2.73 0.00	48.43 2.74 0.00	46.53 2.80 0.00	46.37 2.67 0.00	52.03 2.85 0.00	65.85 3.49 0.00	81.85 4.19 0.00	75.22 3.72 0.00	56.17 2.78 0.00	47.02 2.58 0.00	41.20 2.11 0.00	39.38 2.02 0.00
NYPA_POUCH1____GT 24155	38.76 1.63 0.00	36.85 1.65 -0.01	35.12 1.58 -0.01	35.06 1.64 -0.01	35.50 1.66 -0.01	38.19 1.43 0.00	49.83 1.07 0.00	65.08 2.20 0.00	63.10 2.37 0.00	50.70 1.81 0.00	50.07 2.16 0.00	49.84 2.37 0.00	48.05 2.46 0.00	48.20 2.51 0.00	46.26 2.54 0.00	46.15 2.45 0.00	51.88 2.70 0.00	65.67 3.30 0.00	81.70 4.04 0.00	75.08 3.57 0.00	56.02 2.62 0.00	46.89 2.44 0.00	41.09 1.99 0.00	39.38 2.02 0.00
NYPA_VERNON____GT2 24162	38.87 1.75 0.00	36.81 1.62 -0.01	35.01 1.47 -0.01	34.96 1.54 -0.01	35.40 1.56 -0.01	38.37 1.62 0.00	50.22 1.46 0.00	65.53 2.64 0.00	63.53 2.80 0.00	51.10 2.20 0.00	50.45 2.54 0.00	50.22 2.75 0.00	48.37 2.78 0.00	48.48 2.79 0.00	46.53 2.80 0.00	46.37 2.67 0.00	52.08 2.90 0.00	65.85 3.49 0.00	81.85 4.19 0.00	75.22 3.72 0.00	56.17 2.78 0.00	46.98 2.53 0.00	41.20 2.11 0.00	39.34 1.98 0.00
NYPA_VERNON____GT3 24163	38.87 1.75 0.00	36.81 1.62 -0.01	35.01 1.47 -0.01	34.96 1.54 -0.01	35.40 1.56 -0.01	38.37 1.62 0.00	50.22 1.46 0.00	65.53 2.64 0.00	63.53 2.80 0.00	51.10 2.20 0.00	50.45 2.54 0.00	50.22 2.75 0.00	48.37 2.78 0.00	48.48 2.79 0.00	46.53 2.80 0.00	46.37 2.67 0.00	52.08 2.90 0.00	65.85 3.49 0.00	81.85 4.19 0.00	75.22 3.72 0.00	56.17 2.78 0.00	46.98 2.53 0.00	41.20 2.11 0.00	39.34 1.98 0.00
NYPA____ASTORIA_CC1 323568	38.87 1.75 0.00	36.81 1.62 -0.01	35.01 1.47 -0.01	34.96 1.54 -0.01	35.40 1.56 -0.01	38.34 1.58 0.00	50.12 1.36 0.00	65.40 2.52 0.00	63.41 2.67 0.00	50.99 2.10 0.00	50.41 2.49 0.00	50.12 2.66 0.00	48.32 2.73 0.00	48.43 2.74 0.00	46.48 2.76 0.00	46.32 2.62 0.00	51.98 2.80 0.00	65.73 3.37 0.00	81.70 4.04 0.00	75.08 3.57 0.00	56.07 2.67 0.00	46.93 2.49 0.00	41.17 2.07 0.00	39.34 1.98 0.00
NYPA____ASTORIA_CC2 323569	38.87 1.75 0.00	36.81 1.62 -0.01	35.01 1.47 -0.01	34.96 1.54 -0.01	35.40 1.56 -0.01	38.34 1.58 0.00	50.12 1.36 0.00	65.40 2.52 0.00	63.41 2.67 0.00	50.99 2.10 0.00	50.41 2.49 0.00	50.12 2.66 0.00	48.32 2.73 0.00	48.43 2.74 0.00	46.48 2.76 0.00	46.32 2.62 0.00	51.98 2.80 0.00	65.73 3.37 0.00	81.70 4.04 0.00	75.08 3.57 0.00	56.07 2.67 0.00	46.93 2.49 0.00	41.17 2.07 0.00	39.34 1.98 0.00
NYPA____HOLTSVILL 23794	38.13 1.00 0.00	35.78 0.60 0.00	34.27 0.74 0.00	34.38 0.97 0.00	34.84 1.01 0.00	38.52 1.76 0.00	49.05 0.29 0.00	63.33 0.44 0.00	61.35 0.61 0.00	49.49 0.63 0.04	49.84 1.92 0.00	49.17 1.71 0.00	47.22 1.64 0.00	46.97 1.28 0.00	45.17 1.44 0.00	45.23 1.53 0.00	50.40 1.23 0.01	62.16 0.50 0.70	73.25 0.55 4.96	72.14 0.64 0.01	54.52 1.12 0.00	45.42 0.98 0.00	40.07 0.98 0.00	38.30 0.93 0.00
NYPA____HELLGATE_GT1 24158	38.95 1.82 -0.01	36.78 1.58 -0.01	34.88 1.34 -0.01	34.82 1.40 -0.01	35.29 1.45 -0.01	38.27 1.51 0.00	49.87 1.12 0.01	65.08 2.20 0.01	63.16 2.43 0.01	50.79 1.90 0.01	50.30 2.39 0.01	50.06 2.61 0.01	48.27 2.69 0.01	48.38 2.70 0.01	46.43 2.71 0.01	46.18 2.49 0.01	51.83 2.65 0.01	65.53 3.18 0.01	81.46 3.80 0.01	74.86 3.36 0.01	55.90 2.51 0.01	46.70 2.27 0.01	41.01 1.92 0.00	39.34 1.98 0.00
NYPA____HELLGATE_GT2 24159	38.95 1.82 -0.01	36.78 1.58 -0.01	34.88 1.34 -0.01	34.82 1.40 -0.01	35.29 1.45 -0.01	38.27 1.51 0.00	49.87 1.12 0.01	65.08 2.20 0.01	63.16 2.43 0.01	50.79 1.90 0.01	50.30 2.39 0.01	50.06 2.61 0.01	48.27 2.69 0.01	48.38 2.70 0.01	46.43 2.71 0.01	46.18 2.49 0.01	51.83 2.65 0.01	65.53 3.18 0.01	81.46 3.80 0.01	74.86 3.36 0.01	55.90 2.51 0.01	46.70 2.27 0.01	41.01 1.92 0.00	39.34 1.98 0.00
NYS_BARGE____HYD 23848	37.09 -0.04 0.00	35.61 0.42 0.00	34.13 0.60 0.00	33.94 0.53 0.00	34.27 0.44 0.00	36.72 -0.04 0.00	47.78 -0.97 0.00	60.93 -1.95 0.00	58.01 -2.73 0.00	47.86 -1.03 0.00	46.05 -1.87 0.00	45.61 -1.85 0.00	43.81 -1.78 0.00	44.14 -1.55 0.00	42.02 -1.71 0.00	41.78 -1.92 0.00	46.77 -2.41 0.00	59.75 -2.62 0.00	74.55 -3.11 0.00	68.93 -2.57 0.00	50.62 -2.78 0.00	42.18 -2.27 0.00	37.69 -1.41 0.00	36.99 -0.37 0.00
OAK ORCHARD____HYD 24046	37.24 0.11 0.00	35.50 0.32 0.00	33.87 0.34 0.00	33.68 0.27 0.00	34.07 0.24 0.00	36.87 0.11 0.00	48.71 -0.05 0.00	62.51 -0.38 0.00	60.07 -0.67 0.00	48.84 -0.05 0.00	47.34 -0.57 0.00	46.99 -0.47 0.00	44.95 -0.64 0.00	45.19 -0.50 0.00	43.12 -0.61 0.00	43.05 -0.65 0.00	48.39 -0.79 0.00	61.80 -0.56 0.00	77.12 -0.54 0.00	71.22 -0.28 0.00	52.65 -0.75 0.00	43.82 -0.62 0.00	38.70 -0.39 0.00	37.40 0.04 0.00

OAKDALE___35_KV_LOAD 356122	37.42 0.30 0.00	35.54 0.35 0.00	33.90 0.37 0.00	33.78 0.37 0.00	34.14 0.30 0.00	37.05 0.29 0.00	49.15 0.39 0.00	63.26 0.38 0.00	60.80 0.06 0.00	49.09 0.20 0.00	47.92 0.00 0.00	47.51 0.05 0.00	45.59 0.00 0.00	45.78 0.09 0.00	43.77 0.04 0.00	43.66 -0.04 0.00	49.23 0.05 0.00	62.67 0.31 0.00	78.36 0.70 0.00	72.29 0.79 0.00	53.61 0.21 0.00	44.53 0.09 0.00	39.21 0.12 0.00	37.66 0.30 0.00
OCC_CHEM___DRP 24175	37.20 0.07 0.00	35.71 0.53 0.00	34.20 0.67 0.00	34.05 0.63 0.00	34.03 0.20 0.00	36.46 -0.29 0.00	47.20 -1.56 0.00	59.99 -2.89 0.00	57.15 -3.58 0.00	47.23 -1.66 0.00	45.47 -2.44 0.00	45.04 -2.42 0.00	43.26 -2.32 0.00	43.59 -2.10 0.00	41.54 -2.19 0.00	41.30 -2.40 0.00	46.18 -3.00 0.00	58.81 -3.55 0.00	73.31 -4.35 0.00	67.79 -3.72 0.00	49.50 -3.90 0.00	41.42 -3.02 0.00	37.10 -1.99 0.00	36.88 -0.49 0.00
OH_GEN_PROXY 24063	36.98 -0.15 0.00	35.47 0.28 0.00	33.93 0.40 0.00	33.78 0.37 0.00	34.10 0.27 0.00	36.54 -0.22 0.00	47.39 -1.36 0.00	60.43 -2.45 0.00	56.41 -3.10 1.24	48.81 -1.32 -1.24	45.81 -2.11 0.00	45.42 -2.04 0.00	43.63 -1.96 0.00	43.95 -1.74 0.00	41.89 -1.83 0.00	41.65 -2.05 0.00	46.62 -2.56 0.00	59.37 -2.99 0.00	74.09 -3.57 0.00	68.50 -3.00 0.00	50.46 -2.94 0.00	42.00 -2.44 0.00	37.53 -1.57 0.00	36.84 -0.52 0.00
OLIN_CORP_DRP 24177	36.68 -0.45 0.00	35.19 0.00 0.00	33.73 0.20 0.00	33.58 0.17 0.00	33.56 -0.27 0.00	36.28 -0.48 0.00	47.15 -1.61 0.00	59.99 -2.89 0.00	57.15 -3.58 0.00	47.23 -1.66 0.00	45.47 -2.44 0.00	45.04 -2.42 0.00	43.26 -2.32 0.00	43.59 -2.10 0.00	41.54 -2.19 0.00	41.25 -2.45 0.00	46.13 -3.05 0.00	58.81 -3.55 0.00	73.31 -4.35 0.00	67.79 -3.72 0.00	49.50 -3.90 0.00	41.42 -3.02 0.00	37.06 -2.03 0.00	36.54 -0.82 0.00
OLIN_CORP_DSASP 323712	37.20 0.07 0.00	35.71 0.53 0.00	34.20 0.67 0.00	34.05 0.63 0.00	34.34 0.51 0.00	36.46 -0.30 0.00	47.10 -1.66 0.00	59.99 -2.89 0.00	57.15 -3.58 0.00	47.23 -1.66 0.00	45.47 -2.44 0.00	45.04 -2.42 0.00	43.26 -2.32 0.00	43.59 -2.10 0.00	41.54 -2.19 0.00	41.34 -2.36 0.00	46.18 -3.00 0.00	58.81 -3.55 0.00	73.32 -4.35 0.00	67.78 -3.72 0.00	49.87 -3.53 0.00	41.56 -2.89 0.00	37.26 -1.84 0.00	36.88 -0.49 0.00
ONEIDA_HERK_LFGE 323681	37.91 0.78 0.00	35.93 0.74 0.00	34.24 0.71 0.00	34.05 0.63 0.00	34.51 0.68 0.00	37.60 0.85 0.00	51.32 1.51 -1.05	66.71 2.14 -1.68	63.79 2.00 -1.05	50.08 1.17 -0.01	49.63 1.01 -0.71	48.98 0.81 -0.71	46.37 0.77 -0.01	46.47 0.78 0.00	44.34 0.61 0.00	44.40 0.70 0.00	50.11 0.93 0.00	63.80 1.44 0.00	79.92 2.25 0.00	73.79 2.29 0.00	56.01 1.55 -1.06	45.56 1.11 0.00	39.84 0.74 0.00	38.11 0.75 0.00
ONEIDA___115KV_TB4 55905	37.87 0.74 0.00	35.92 0.74 0.00	34.23 0.70 0.00	34.08 0.67 0.00	34.54 0.71 0.00	37.60 0.85 0.00	50.67 1.46 -0.45	65.74 2.14 -0.72	63.15 1.94 -0.47	50.12 1.22 -0.01	49.24 1.01 -0.31	48.58 0.81 -0.31	46.41 0.82 -0.01	46.51 0.82 0.00	44.38 0.66 0.00	44.45 0.74 0.00	50.16 0.98 0.00	63.92 1.56 0.00	79.99 2.33 0.00	73.94 2.43 0.00	55.41 1.55 -0.46	45.60 1.16 0.00	39.92 0.82 0.00	38.26 0.90 0.00
ONONDAGA_REF_OCCRA 23987	36.90 -0.22 0.00	34.97 -0.21 0.00	33.33 -0.20 0.00	33.18 -0.23 0.00	33.59 -0.24 0.00	36.50 -0.26 0.00	48.76 -0.20 -0.20	63.02 -0.19 -0.32	60.57 -0.36 -0.20	48.60 -0.29 0.00	47.62 -0.43 -0.13	47.12 -0.47 -0.13	45.13 -0.46 0.00	45.23 -0.46 0.00	43.25 -0.48 0.00	43.22 -0.48 0.00	48.74 -0.44 0.00	62.05 -0.31 0.00	77.51 -0.16 0.00	71.43 -0.07 0.00	53.33 -0.27 -0.20	44.13 -0.31 0.00	38.86 -0.23 0.00	37.18 -0.19 0.00
ONONDAGA___COGEN 23986	36.94 -0.19 0.00	35.01 -0.18 0.00	33.33 -0.20 0.00	33.21 -0.20 0.00	33.59 -0.24 0.00	36.54 -0.22 0.00	48.85 -0.10 -0.19	63.07 -0.13 -0.31	60.62 -0.30 -0.19	48.65 -0.24 0.00	47.71 -0.34 -0.13	47.16 -0.43 -0.13	45.18 -0.41 0.00	45.28 -0.41 0.00	43.29 -0.44 0.00	43.27 -0.44 0.00	48.74 -0.44 0.00	62.05 -0.31 0.00	77.58 -0.08 0.00	71.50 0.00 0.00	53.32 -0.27 -0.19	44.18 -0.27 0.00	38.90 -0.20 0.00	37.21 -0.15 0.00
ONTARIO___LFGE 23819	37.65 0.52 0.00	35.78 0.60 0.00	34.13 0.60 0.00	33.98 0.57 0.00	34.41 0.57 0.00	37.34 0.59 0.00	49.73 0.97 0.00	64.08 1.19 0.00	61.35 0.61 0.00	49.48 0.59 0.00	48.01 0.10 0.00	47.51 0.05 0.00	45.54 -0.05 0.00	45.74 0.05 0.00	43.64 -0.09 0.00	43.61 -0.09 0.00	49.23 0.05 0.00	63.11 0.75 0.00	79.22 1.55 0.00	73.08 1.57 0.00	54.04 0.64 0.00	44.76 0.31 0.00	39.37 0.28 0.00	37.81 0.45 0.00
ORANGEVILLE_WT_PWR 323706	37.39 0.26 0.00	35.82 0.63 0.00	34.27 0.74 0.00	34.08 0.67 0.00	34.44 0.61 0.00	37.05 0.29 0.00	48.56 -0.19 0.00	62.19 -0.69 0.00	59.10 -1.64 0.00	48.31 -0.58 0.00	46.53 -1.39 0.00	46.09 -1.38 0.00	44.22 -1.37 0.00	44.55 -1.14 0.00	42.50 -1.22 0.00	42.22 -1.49 0.00	47.41 -1.77 0.00	60.86 -1.50 0.00	76.42 -1.25 0.00	70.57 -0.93 0.00	51.80 -1.60 0.00	42.98 -1.47 0.00	38.16 -0.94 0.00	37.18 -0.19 0.00
ORANGEVILLE___ESR 323794	37.39 0.26 0.00	35.82 0.63 0.00	34.27 0.74 0.00	34.08 0.67 0.00	34.44 0.61 0.00	37.05 0.29 0.00	48.56 -0.19 0.00	62.19 -0.69 0.00	59.10 -1.64 0.00	48.31 -0.58 0.00	46.53 -1.39 0.00	46.09 -1.38 0.00	44.22 -1.37 0.00	44.55 -1.14 0.00	42.50 -1.22 0.00	42.22 -1.49 0.00	47.41 -1.77 0.00	60.86 -1.50 0.00	76.42 -1.25 0.00	70.57 -0.93 0.00	51.80 -1.60 0.00	42.98 -1.47 0.00	38.16 -0.94 0.00	37.18 -0.19 0.00
OSWEGATCHIE___HYD 24044	37.98 0.85 0.00	36.03 0.84 0.00	34.33 0.80 0.00	34.11 0.70 0.00	34.57 0.74 0.00	37.75 0.99 0.00	55.68 1.71 -5.21	73.66 2.39 -8.39	68.01 2.07 -5.21	50.12 1.17 -0.06	52.44 1.01 -3.51	51.78 0.81 -3.51	46.46 0.82 -0.06	46.33 0.64 0.00	44.21 0.48 0.00	44.31 0.61 0.00	49.82 0.64 0.00	63.17 0.81 0.00	78.98 1.32 0.00	73.08 1.57 0.00	59.90 1.23 -5.27	45.33 0.89 0.00	39.84 0.74 0.00	38.04 0.67 0.00
OSWEGO___5 23606	36.38 -0.74 0.00	34.48 -0.70 0.00	32.86 -0.67 0.00	32.74 -0.67 0.00	33.15 -0.68 0.00	36.02 -0.73 0.00	47.78 -0.97 0.00	61.63 -1.26 0.00	59.40 -1.34 0.00	47.86 -1.03 0.00	46.82 -1.10 0.00	46.32 -1.14 0.00	44.49 -1.09 0.00	44.59 -1.10 0.00	42.64 -1.09 0.00	42.61 -1.09 0.00	48.00 -1.18 0.00	60.99 -1.37 0.00	76.11 -1.55 0.00	70.14 -1.36 0.00	52.22 -1.18 0.00	43.47 -0.98 0.00	38.27 -0.82 0.00	36.61 -0.75 0.00
OSWEGO___6 23613	36.38 -0.74 0.00	34.48 -0.70 0.00	32.86 -0.67 0.00	32.74 -0.67 0.00	33.15 -0.68 0.00	36.02 -0.73 0.00	47.78 -0.97 0.00	61.63 -1.26 0.00	59.40 -1.34 0.00	47.86 -1.03 0.00	46.82 -1.10 0.00	46.32 -1.14 0.00	44.49 -1.09 0.00	44.59 -1.10 0.00	42.64 -1.09 0.00	42.61 -1.09 0.00	48.00 -1.18 0.00	60.99 -1.37 0.00	76.11 -1.55 0.00	70.14 -1.36 0.00	52.22 -1.18 0.00	43.47 -0.98 0.00	38.27 -0.82 0.00	36.61 -0.75 0.00

OUTOKUMPU-AB___DRP 24206	37.54 0.41 0.00	36.03 0.84 0.00	34.50 0.97 0.00	34.35 0.94 0.00	34.34 0.51 0.00	37.05 0.29 0.00	48.27 -0.49 0.00	61.50 -1.38 0.00	58.55 -2.19 0.00	48.36 -0.54 0.00	46.53 -1.39 0.00	46.09 -1.38 0.00	44.22 -1.37 0.00	44.55 -1.14 0.00	42.46 -1.27 0.00	42.17 -1.53 0.00	47.21 -1.97 0.00	60.30 -2.06 0.00	75.26 -2.41 0.00	69.57 -1.93 0.00	50.62 -2.78 0.00	42.36 -2.09 0.00	37.88 -1.21 0.00	37.36 0.00 0.00
OXBOW___BTM 323836	37.42 0.30 0.00	35.93 0.74 0.00	34.44 0.91 0.00	34.25 0.84 0.00	34.57 0.74 0.00	36.83 0.07 0.00	47.73 -1.03 0.00	60.87 -2.01 0.00	57.95 -2.79 0.00	47.86 -1.03 0.00	46.10 -1.82 0.00	45.61 -1.85 0.00	43.81 -1.78 0.00	44.14 -1.55 0.00	42.07 -1.66 0.00	41.82 -1.88 0.00	46.77 -2.41 0.00	59.68 -2.68 0.00	74.40 -3.26 0.00	68.79 -2.72 0.00	50.57 -2.83 0.00	42.09 -2.36 0.00	37.69 -1.41 0.00	37.18 -0.19 0.00
OXBOW___ 24026	37.42 0.30 0.00	35.92 0.74 0.00	34.40 0.87 0.00	34.25 0.84 0.00	34.24 0.41 0.00	36.83 0.07 0.00	47.83 -0.93 0.00	60.87 -2.01 0.00	57.94 -2.79 0.00	47.87 -1.03 0.00	46.10 -1.82 0.00	45.61 -1.85 0.00	43.81 -1.78 0.00	44.14 -1.55 0.00	42.07 -1.66 0.00	41.82 -1.88 0.00	46.77 -2.41 0.00	59.68 -2.68 0.00	74.40 -3.26 0.00	68.79 -2.72 0.00	50.14 -3.26 0.00	41.96 -2.49 0.00	37.53 -1.56 0.00	37.18 -0.19 0.00
OXY_CHEM_DSASP 323612	37.20 0.07 0.00	35.71 0.53 0.00	34.20 0.67 0.00	34.05 0.63 0.00	34.03 0.20 0.00	36.46 -0.29 0.00	47.20 -1.56 0.00	59.99 -2.89 0.00	57.15 -3.58 0.00	47.23 -1.66 0.00	45.47 -2.44 0.00	45.04 -2.42 0.00	43.26 -2.32 0.00	43.59 -2.10 0.00	41.54 -2.19 0.00	41.30 -2.40 0.00	46.18 -3.00 0.00	58.81 -3.55 0.00	73.31 -4.35 0.00	67.79 -3.72 0.00	49.50 -3.90 0.00	41.42 -3.02 0.00	37.10 -1.99 0.00	36.88 -0.49 0.00
OZONE_PARK_ESR 323760	38.91 1.78 0.00	36.84 1.65 0.00	35.04 1.51 0.00	34.98 1.57 0.00	35.49 1.66 0.00	38.52 1.76 0.00	50.80 2.05 0.00	66.22 3.33 0.00	64.20 3.46 0.00	51.63 2.74 0.00	50.89 2.97 0.00	50.64 3.18 0.00	48.69 3.10 0.00	48.80 3.11 0.00	46.83 3.10 0.00	46.72 3.02 0.00	52.62 3.44 0.00	66.42 4.05 0.00	82.71 5.05 0.00	76.01 4.50 0.00	56.82 3.42 0.00	47.29 2.84 0.00	41.48 2.38 0.00	39.45 2.09 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	37.20 0.07 0.00	35.71 0.53 0.00	34.20 0.67 0.00	34.05 0.63 0.00	34.03 0.20 0.00	36.46 -0.29 0.00	47.20 -1.56 0.00	59.99 -2.89 0.00	57.15 -3.58 0.00	47.23 -1.66 0.00	45.47 -2.44 0.00	45.04 -2.42 0.00	43.26 -2.32 0.00	43.59 -2.10 0.00	41.54 -2.19 0.00	41.30 -2.40 0.00	46.18 -3.00 0.00	58.81 -3.55 0.00	73.31 -4.35 0.00	67.79 -3.72 0.00	49.50 -3.90 0.00	41.42 -3.02 0.00	37.10 -1.99 0.00	36.88 -0.49 0.00
PACKARD___115KV_DUPONT_184 80571	37.20 0.07 0.00	35.71 0.53 0.00	34.20 0.67 0.00	34.05 0.63 0.00	34.03 0.20 0.00	36.46 -0.29 0.00	47.20 -1.56 0.00	59.99 -2.89 0.00	57.15 -3.58 0.00	47.23 -1.66 0.00	45.47 -2.44 0.00	45.04 -2.42 0.00	43.26 -2.32 0.00	43.59 -2.10 0.00	41.54 -2.19 0.00	41.30 -2.40 0.00	46.18 -3.00 0.00	58.81 -3.55 0.00	73.31 -4.35 0.00	67.79 -3.72 0.00	49.50 -3.90 0.00	41.42 -3.02 0.00	37.10 -1.99 0.00	36.88 -0.49 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	39.02 1.89 0.00	36.85 1.65 -0.01	35.01 1.48 -0.01	34.96 1.54 -0.01	35.46 1.62 -0.01	38.38 1.62 0.00	49.88 1.12 0.00	65.15 2.26 0.00	63.17 2.43 0.00	50.80 1.91 0.00	50.17 2.25 0.00	49.93 2.47 0.00	48.09 2.51 0.00	48.25 2.56 0.00	46.31 2.58 0.00	46.15 2.45 0.00	51.84 2.66 0.00	65.48 3.12 0.00	81.47 3.81 0.00	74.79 3.29 0.00	55.91 2.51 0.00	46.71 2.27 0.00	41.09 1.99 0.00	39.38 2.02 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	39.43 2.30 0.00	37.23 2.04 -0.01	35.38 1.84 -0.01	35.32 1.90 -0.01	35.80 1.96 -0.01	38.74 1.98 0.00	50.41 1.66 0.00	65.84 2.96 0.00	63.84 3.10 0.00	51.29 2.40 0.00	50.65 2.73 0.00	50.36 2.90 0.00	48.55 2.96 0.00	48.66 2.97 0.00	46.70 2.97 0.00	46.54 2.84 0.00	52.23 3.05 0.00	66.23 3.87 0.00	82.24 4.58 0.00	75.51 4.00 0.00	56.39 2.99 0.00	47.07 2.62 0.00	41.44 2.35 0.00	39.75 2.39 0.00
PATROON___115KV_TB1 80586	37.16 0.04 0.00	35.19 0.00 0.00	33.53 0.00 0.00	33.45 0.03 0.00	33.86 0.03 0.00	36.79 0.04 0.00	48.90 0.15 0.00	63.07 0.19 0.00	61.16 0.43 0.00	49.19 0.29 0.00	48.30 0.38 0.00	47.84 0.38 0.00	45.95 0.36 0.00	46.19 0.50 0.00	44.30 0.57 0.00	44.23 0.52 0.00	49.77 0.59 0.00	62.99 0.62 0.00	78.36 0.70 0.00	72.01 0.50 0.00	53.99 0.59 0.00	44.93 0.49 0.00	39.49 0.39 0.00	37.62 0.26 0.00
PATTRSNVILLE___SOLAR 323815	38.02 0.89 0.00	36.00 0.81 0.00	34.27 0.74 0.00	34.21 0.80 0.00	34.68 0.85 0.00	37.71 0.95 0.00	50.32 1.56 0.00	64.96 2.07 0.00	62.38 1.64 0.00	49.77 0.88 0.00	48.68 0.76 0.00	48.04 0.57 0.00	45.99 0.41 0.00	46.19 0.50 0.00	44.29 0.57 0.00	44.36 0.66 0.00	50.16 0.98 0.00	63.86 1.49 0.00	79.76 2.10 0.00	73.29 1.79 0.00	54.84 1.44 0.00	45.64 1.20 0.00	39.99 0.90 0.00	38.18 0.82 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	37.16 0.04 0.00	35.61 0.42 0.00	34.10 0.57 0.00	33.98 0.57 0.00	34.00 0.17 0.00	36.87 0.11 0.00	48.37 -0.39 0.00	61.63 -1.26 0.00	58.61 -2.13 0.00	48.31 -0.59 0.00	46.57 -1.34 0.00	46.23 -1.23 0.00	44.31 -1.28 0.00	44.68 -1.01 0.00	42.59 -1.14 0.00	42.26 -1.44 0.00	47.46 -1.72 0.00	60.80 -1.56 0.00	76.03 -1.63 0.00	70.36 -1.14 0.00	51.16 -2.24 0.00	42.67 -1.78 0.00	37.96 -1.13 0.00	37.10 -0.26 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	38.58 1.45 0.00	36.56 1.37 0.00	34.74 1.21 0.00	34.68 1.27 0.00	35.18 1.35 0.00	38.19 1.43 0.00	50.66 1.90 0.00	65.84 2.96 0.00	63.65 2.92 0.00	51.19 2.30 0.00	50.17 2.25 0.00	49.93 2.47 0.00	47.86 2.28 0.00	47.97 2.28 0.00	46.00 2.27 0.00	46.15 2.45 0.00	51.93 2.75 0.00	65.73 3.37 0.00	81.93 4.27 0.00	75.15 3.65 0.00	56.12 2.72 0.00	46.80 2.36 0.00	41.01 1.92 0.00	39.08 1.72 0.00
PEEKSKILL___ 23653	38.35 1.22 0.00	36.31 1.13 0.00	34.54 1.00 0.00	34.48 1.07 0.00	34.95 1.11 0.00	38.01 1.25 0.00	50.27 1.51 0.00	65.27 2.39 0.00	63.17 2.43 0.00	50.80 1.90 0.00	50.02 2.11 0.00	49.79 2.33 0.00	47.77 2.19 0.00	47.88 2.19 0.00	45.96 2.23 0.00	45.89 2.18 0.00	51.64 2.46 0.00	65.36 2.99 0.00	81.39 3.73 0.00	74.80 3.29 0.00	55.91 2.51 0.00	46.62 2.18 0.00	40.81 1.72 0.00	38.86 1.50 0.00
PGE MADISON___WINDPWR 24146	39.24 2.12 0.00	37.26 2.08 0.00	35.54 2.01 0.00	35.28 1.87 0.00	35.79 1.96 0.00	39.00 2.24 0.00	52.56 3.80 0.00	68.17 5.28 0.00	65.42 4.68 0.00	51.88 2.98 0.00	50.26 2.35 0.00	49.41 1.95 0.00	47.41 1.82 0.00	47.47 1.78 0.00	45.17 1.44 0.00	45.32 1.62 0.00	51.44 2.26 0.00	66.23 3.87 0.00	83.41 5.75 0.00	77.37 5.86 0.00	57.08 3.68 0.00	47.33 2.89 0.00	41.25 2.15 0.00	39.68 2.32 0.00

PIERCEFIELD___HYD 23852	38.02 0.89 0.00	36.10 0.91 0.00	34.40 0.87 0.00	34.18 0.77 0.00	34.64 0.81 0.00	37.82 1.07 0.00	58.06 1.61 -7.69	77.33 2.08 -12.37	70.30 1.88 -7.68	50.15 1.17 -0.08	54.25 1.15 -5.18	53.69 1.04 -5.18	46.67 1.00 -0.08	46.56 0.87 0.00	44.51 0.79 0.00	44.58 0.87 0.00	49.92 0.74 0.00	62.86 0.50 0.00	78.28 0.62 0.00	72.29 0.79 0.00	61.96 0.91 -7.65	45.24 0.80 0.00	39.92 0.82 0.00	38.07 0.71 0.00
PINELAWN_CC_1 323563	38.28 1.15 0.00	36.00 0.81 0.00	34.50 0.97 0.00	34.61 1.20 0.00	35.08 1.25 0.00	38.70 1.95 0.00	49.34 0.59 0.00	63.51 0.63 0.00	61.53 0.79 0.00	49.77 0.88 0.00	49.98 2.06 0.00	49.41 1.95 0.00	47.36 1.78 0.00	47.15 1.46 0.00	45.39 1.66 0.00	45.45 1.75 0.00	50.54 1.38 0.02	62.19 0.87 1.04	71.28 1.01 7.38	72.42 0.93 0.01	54.57 1.17 0.00	45.73 1.29 0.00	40.11 1.01 0.00	38.59 1.23 0.00
PJM_GEN_HTTP_PROXY 323702	38.61 1.49 0.00	36.56 1.37 0.00	34.77 1.24 0.00	34.71 1.30 0.00	35.15 1.32 0.00	38.23 1.47 0.00	50.46 1.71 0.00	65.65 2.76 0.00	62.42 2.92 1.24	52.43 2.30 -1.24	50.50 2.59 0.00	50.22 2.75 0.00	48.27 2.69 0.00	48.38 2.70 0.00	46.44 2.71 0.00	46.32 2.62 0.00	52.08 2.90 0.00	65.85 3.49 0.00	81.93 4.27 0.00	75.29 3.79 0.00	56.28 2.88 0.00	46.93 2.49 0.00	41.09 1.99 0.00	39.16 1.79 0.00
PJM_GEN_KEystone 24065	37.57 0.45 0.00	35.78 0.60 0.00	34.10 0.57 0.00	33.98 0.57 0.00	34.37 0.54 0.00	37.20 0.44 0.00	49.00 0.25 0.00	63.20 0.32 0.00	59.50 0.00 1.24	50.52 0.39 -1.24	48.06 0.14 0.00	47.84 0.38 0.00	45.91 0.32 0.00	46.10 0.41 0.00	44.16 0.44 0.00	44.01 0.31 0.00	49.53 0.35 0.00	62.92 0.56 0.00	78.67 1.01 0.00	72.51 1.00 0.00	53.78 0.38 0.00	44.76 0.31 0.00	39.41 0.31 0.00	37.88 0.52 0.00
PJM_GEN_NEPTUNE_PROXY 323594	38.06 0.93 0.00	35.82 0.63 0.00	34.33 0.80 0.00	34.51 1.10 0.00	34.95 1.11 0.00	38.52 1.76 0.00	49.78 1.03 0.00	64.46 1.57 0.00	61.26 1.76 1.24	51.60 1.47 -1.24	50.41 2.49 0.00	49.93 2.47 0.00	47.86 2.28 0.00	47.70 2.01 0.00	45.87 2.14 0.00	45.84 2.14 0.00	51.25 2.07 0.00	64.07 1.74 0.04	79.55 2.17 0.28	73.50 2.00 0.01	55.38 1.98 0.00	46.13 1.69 0.00	40.38 1.29 0.00	38.52 1.16 0.00
PJM_GEN_VFT_PROXY 323633	38.38 1.26 0.01	36.35 1.16 0.00	34.57 1.04 0.00	34.51 1.10 0.00	34.95 1.11 0.00	38.00 1.25 0.01	50.11 1.36 0.01	65.27 2.39 0.01	62.04 2.55 1.25	52.14 2.01 -1.24	50.16 2.25 0.01	49.93 2.47 0.00	48.00 2.41 0.00	48.16 2.47 0.00	46.22 2.49 0.00	46.10 2.40 0.00	51.78 2.60 0.00	65.48 3.12 0.00	81.54 3.88 0.00	74.94 3.43 0.00	55.96 2.56 0.00	46.70 2.27 0.01	40.89 1.80 0.01	38.92 1.57 0.01
PLATSBURG_115KV_PMLD1 355749	38.43 1.30 0.00	36.49 1.30 0.00	34.77 1.24 0.00	34.61 1.20 0.00	35.08 1.25 0.00	38.12 1.36 0.00	49.44 0.49 -0.20	62.83 -0.38 -0.32	60.64 -0.30 -0.20	48.65 -0.24 0.00	47.86 -0.19 -0.14	47.41 -0.19 -0.14	45.91 0.32 0.00	45.92 0.23 0.00	43.73 0.00 0.00	43.70 0.00 0.00	48.64 -0.54 0.00	61.68 -0.69 0.00	76.26 -1.40 0.00	70.36 -1.14 0.00	53.01 -0.59 -0.20	44.31 -0.13 0.00	39.29 0.20 0.00	37.36 0.00 0.00
PLEASANTVLY___LBMP 24000	38.09 0.97 0.00	36.07 0.88 0.00	34.30 0.77 0.00	34.21 0.80 0.00	34.71 0.88 0.00	37.71 0.96 0.00	49.88 1.12 0.00	64.71 1.82 0.00	62.68 1.94 0.00	50.46 1.56 0.00	49.64 1.72 0.00	49.31 1.85 0.00	47.41 1.82 0.00	47.52 1.83 0.00	45.61 1.88 0.00	45.54 1.84 0.00	51.25 2.07 0.00	64.67 2.31 0.00	80.46 2.80 0.00	74.01 2.50 0.00	55.38 1.98 0.00	46.18 1.73 0.00	40.54 1.45 0.00	38.63 1.27 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	38.39 1.26 0.00	36.35 1.16 0.00	34.57 1.04 0.00	34.51 1.10 0.00	35.01 1.18 0.00	38.04 1.29 0.00	50.27 1.51 0.00	65.34 2.45 0.00	63.23 2.49 0.00	50.90 2.00 0.00	50.12 2.20 0.00	49.84 2.37 0.00	47.91 2.32 0.00	48.02 2.33 0.00	46.09 2.36 0.00	45.97 2.27 0.00	51.74 2.56 0.00	65.36 2.99 0.00	81.39 3.73 0.00	74.72 3.22 0.00	55.96 2.56 0.00	46.62 2.18 0.00	40.89 1.80 0.00	38.93 1.57 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	38.39 1.26 0.00	36.35 1.16 0.00	34.57 1.04 0.00	34.51 1.10 0.00	35.01 1.18 0.00	38.04 1.29 0.00	50.27 1.51 0.00	65.34 2.45 0.00	63.23 2.49 0.00	50.90 2.00 0.00	50.12 2.20 0.00	49.84 2.37 0.00	47.91 2.32 0.00	48.02 2.33 0.00	46.09 2.36 0.00	45.97 2.27 0.00	51.74 2.56 0.00	65.36 2.99 0.00	81.39 3.73 0.00	74.72 3.22 0.00	55.96 2.56 0.00	46.62 2.18 0.00	40.89 1.80 0.00	38.93 1.57 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	38.28 1.15 0.00	36.28 1.09 0.00	34.47 0.94 0.00	34.41 1.00 0.00	34.91 1.08 0.00	37.93 1.18 0.00	50.27 1.51 0.00	65.27 2.39 0.00	63.11 2.37 0.00	50.70 1.81 0.00	49.83 1.92 0.00	49.50 2.04 0.00	45.95 1.91 1.55	46.11 1.96 1.55	44.21 1.97 1.49	45.67 1.97 0.00	51.44 2.26 0.00	65.17 2.81 0.00	81.16 3.49 0.00	74.58 3.07 0.00	55.75 2.35 0.00	46.49 2.04 0.00	40.78 1.68 0.00	38.82 1.46 0.00
POLETTI____ 23519	22.42 1.41 16.12	22.43 1.16 13.92	22.46 0.97 12.04	22.43 1.00 11.98	22.50 1.12 12.45	22.43 1.10 15.43	25.33 0.49 23.91	39.51 1.51 24.88	37.73 1.76 24.77	26.89 1.37 23.37	29.91 1.96 19.97	29.67 2.14 19.93	28.08 2.23 19.74	28.19 2.24 19.74	26.24 2.27 19.76	25.95 2.01 19.77	28.38 2.16 22.96	49.93 2.56 14.99	66.80 3.03 13.89	60.24 2.65 13.92	34.12 1.98 21.25	36.35 1.78 9.87	25.98 1.52 14.64	25.94 1.57 12.99
POMONA___ESR 323819	38.39 1.26 0.00	36.35 1.16 0.00	34.57 1.04 0.00	34.51 1.10 0.00	34.98 1.15 0.00	38.04 1.29 0.00	50.32 1.56 0.00	65.40 2.52 0.00	63.23 2.49 0.00	50.90 2.01 0.00	50.02 2.11 0.00	49.84 2.37 0.00	47.82 2.23 0.00	47.93 2.24 0.00	46.00 2.27 0.00	45.93 2.23 0.00	51.74 2.56 0.00	65.48 3.12 0.00	81.62 3.96 0.00	75.01 3.50 0.00	56.02 2.62 0.00	46.71 2.27 0.00	40.89 1.80 0.00	38.93 1.57 0.00
PORT_JEFF_3 23555	38.13 1.00 0.00	35.78 0.60 0.00	34.27 0.74 0.00	34.38 0.97 0.00	34.88 1.05 0.00	38.52 1.76 0.00	48.95 0.20 0.00	63.07 0.19 0.00	61.17 0.43 0.00	49.34 0.49 0.04	49.64 1.72 0.00	49.03 1.56 0.00	47.04 1.46 0.00	46.83 1.14 0.00	45.04 1.31 0.00	45.06 1.36 0.00	50.25 1.08 0.01	61.80 0.19 0.75	72.51 0.16 5.31	71.78 0.29 0.01	54.36 0.96 0.00	45.29 0.84 0.00	40.07 0.98 0.00	38.30 0.93 0.00
PORT_JEFF_4 23616	38.13 1.00 0.00	35.78 0.60 0.00	34.27 0.74 0.00	34.38 0.97 0.00	34.88 1.05 0.00	38.52 1.76 0.00	48.95 0.20 0.00	63.07 0.19 0.00	61.17 0.43 0.00	49.34 0.49 0.04	49.64 1.72 0.00	49.03 1.56 0.00	47.04 1.46 0.00	46.83 1.14 0.00	45.04 1.31 0.00	45.06 1.36 0.00	50.25 1.08 0.01	61.80 0.19 0.75	72.51 0.16 5.31	71.78 0.29 0.01	54.36 0.96 0.00	45.29 0.84 0.00	40.07 0.98 0.00	38.30 0.93 0.00

PORT_JEFF_IC 23713	38.20 1.08 0.00	35.85 0.67 0.00	34.34 0.80 0.00	34.45 1.04 0.00	35.12 1.29 0.00	38.67 1.91 0.00	49.05 0.29 0.00	63.26 0.38 0.00	61.35 0.61 0.00	49.44 0.59 0.04	49.79 1.87 0.00	49.17 1.71 0.00	47.18 1.60 0.00	46.97 1.28 0.00	45.17 1.44 0.00	45.19 1.49 0.00	50.40 1.23 0.01	61.63 0.19 0.92	71.21 0.08 6.53	71.71 0.21 0.01	54.57 1.17 0.00	45.42 0.98 0.00	40.31 1.21 0.00	38.45 1.08 0.00
PPL PILGRIM_ST_GT1 24216	38.46 1.33 0.00	36.10 0.91 0.00	34.57 1.04 0.00	34.68 1.27 0.00	35.19 1.35 0.00	38.89 2.13 0.00	49.78 1.03 0.00	64.33 1.45 0.00	62.31 1.58 0.00	50.31 1.42 0.00	50.50 2.59 0.00	49.88 2.42 0.00	47.86 2.28 0.00	47.61 1.92 0.00	45.87 2.14 0.00	45.89 2.18 0.00	51.23 2.07 0.02	62.81 1.44 0.99	72.29 1.63 7.00	73.00 1.50 0.01	55.06 1.66 0.00	46.04 1.60 0.00	40.34 1.25 0.00	38.56 1.20 0.00
PPL PILGRIM_ST_GT2 24217	38.46 1.33 0.00	36.10 0.91 0.00	34.57 1.04 0.00	34.68 1.27 0.00	35.19 1.35 0.00	38.89 2.13 0.00	49.78 1.03 0.00	64.33 1.45 0.00	62.31 1.58 0.00	50.31 1.42 0.00	50.50 2.59 0.00	49.88 2.42 0.00	47.86 2.28 0.00	47.61 1.92 0.00	45.87 2.14 0.00	45.89 2.18 0.00	51.23 2.07 0.02	62.81 1.44 0.99	72.29 1.63 7.00	73.00 1.50 0.01	55.06 1.66 0.00	46.04 1.60 0.00	40.34 1.25 0.00	38.56 1.20 0.00
PPL_SHRM_GT3 24213	37.80 0.67 0.00	35.43 0.25 0.00	33.93 0.40 0.00	34.05 0.63 0.00	34.54 0.71 0.00	38.19 1.43 0.00	48.61 -0.15 0.00	62.76 -0.13 0.00	60.80 0.06 0.00	49.00 0.15 0.04	49.40 1.49 0.00	48.79 1.33 0.00	46.82 1.23 0.00	46.60 0.91 0.00	44.82 1.09 0.00	44.88 1.18 0.00	50.00 0.84 0.01	61.69 0.12 0.80	72.10 0.08 5.64	71.71 0.22 0.01	54.15 0.75 0.00	45.11 0.67 0.00	39.76 0.66 0.00	38.00 0.63 0.00
PPL_SHRM_GT4 24214	37.80 0.67 0.00	35.43 0.25 0.00	33.93 0.40 0.00	34.05 0.63 0.00	34.54 0.71 0.00	38.19 1.43 0.00	48.61 -0.15 0.00	62.76 -0.13 0.00	60.80 0.06 0.00	49.00 0.15 0.04	49.40 1.49 0.00	48.79 1.33 0.00	46.82 1.23 0.00	46.60 0.91 0.00	44.82 1.09 0.00	44.88 1.18 0.00	50.00 0.84 0.01	61.69 0.12 0.80	72.10 0.08 5.64	71.71 0.22 0.01	54.15 0.75 0.00	45.11 0.67 0.00	39.76 0.66 0.00	38.00 0.63 0.00
PROJECT___ORANGE 1 24174	36.79 -0.33 0.00	34.83 -0.35 0.00	33.20 -0.34 0.00	33.08 -0.33 0.00	33.46 -0.37 0.00	36.39 -0.37 0.00	48.59 -0.39 -0.22	62.81 -0.44 -0.36	60.35 -0.61 -0.22	48.46 -0.44 0.00	47.49 -0.57 -0.15	46.99 -0.62 -0.15	45.00 -0.59 0.00	45.10 -0.59 0.00	43.12 -0.61 0.00	43.09 -0.61 0.00	48.54 -0.64 0.00	61.74 -0.62 0.00	77.12 -0.54 0.00	71.08 -0.43 0.00	53.03 -0.59 -0.22	43.91 -0.53 0.00	38.70 -0.39 0.00	37.06 -0.30 0.00
PROJECT___ORANGE 2 24166	36.79 -0.33 0.00	34.83 -0.35 0.00	33.20 -0.34 0.00	33.08 -0.33 0.00	33.46 -0.37 0.00	36.39 -0.37 0.00	48.59 -0.39 -0.22	62.81 -0.44 -0.36	60.35 -0.61 -0.22	48.46 -0.44 0.00	47.49 -0.57 -0.15	46.99 -0.62 -0.15	45.00 -0.59 0.00	45.10 -0.59 0.00	43.12 -0.61 0.00	43.09 -0.61 0.00	48.54 -0.64 0.00	61.74 -0.62 0.00	77.12 -0.54 0.00	71.08 -0.43 0.00	53.03 -0.59 -0.22	43.91 -0.53 0.00	38.70 -0.39 0.00	37.06 -0.30 0.00
PUCKETT___SOLAR 323809	37.87 0.74 0.00	35.96 0.77 0.00	34.30 0.77 0.00	34.15 0.73 0.00	34.57 0.74 0.00	37.53 0.77 0.00	49.92 1.17 0.00	64.46 1.57 0.00	61.83 1.09 0.00	49.72 0.83 0.00	48.40 0.48 0.00	47.89 0.43 0.00	45.95 0.36 0.00	46.05 0.36 0.00	44.04 0.31 0.00	44.01 0.31 0.00	49.72 0.54 0.00	63.54 1.18 0.00	79.60 1.94 0.00	73.50 2.00 0.00	54.52 1.12 0.00	45.29 0.84 0.00	39.76 0.66 0.00	38.15 0.79 0.00
PYRITES___HYD 24023	38.43 1.30 0.00	36.45 1.27 0.00	34.74 1.21 0.00	34.51 1.10 0.00	34.98 1.15 0.00	38.26 1.51 0.00	59.47 2.29 -8.43	79.39 2.96 -13.55	71.70 2.55 -8.41	50.50 1.52 -0.09	55.03 1.44 -5.68	54.47 1.33 -5.68	46.91 1.23 -0.09	46.79 1.10 0.00	44.82 1.09 0.00	44.84 1.14 0.00	50.41 1.23 0.00	63.86 1.50 0.00	79.68 2.02 0.00	73.65 2.15 0.00	63.60 1.82 -8.38	45.87 1.42 0.00	40.35 1.25 0.00	38.48 1.12 0.00
QUAKERRD_115KV_BK1 80622	36.31 -0.82 0.00	34.52 -0.67 0.00	32.93 -0.60 0.00	32.78 -0.63 0.00	33.02 -0.81 0.00	35.95 -0.81 0.00	47.63 -1.12 0.00	61.19 -1.70 0.00	58.86 -1.88 0.00	47.72 -1.17 0.00	46.34 -1.58 0.00	45.94 -1.52 0.00	44.04 -1.55 0.00	44.18 -1.51 0.00	42.20 -1.53 0.00	42.13 -1.57 0.00	47.41 -1.77 0.00	60.49 -1.87 0.00	75.49 -2.17 0.00	69.65 -1.86 0.00	51.42 -1.98 0.00	42.84 -1.60 0.00	37.80 -1.29 0.00	36.50 -0.86 0.00
QUENSBRY_115KV_TB8 356137	38.13 1.00 0.00	36.07 0.88 0.00	34.34 0.80 0.00	34.28 0.87 0.00	34.74 0.91 0.00	37.79 1.03 0.00	50.61 1.85 0.00	65.40 2.52 0.00	63.05 2.31 0.00	50.36 1.47 0.00	49.45 1.53 0.00	48.70 1.23 0.00	46.54 0.96 0.00	46.74 1.05 0.00	44.73 1.01 0.00	44.66 0.96 0.00	50.51 1.33 0.00	64.30 1.93 0.00	80.23 2.56 0.00	73.58 2.07 0.00	55.11 1.71 0.00	45.69 1.24 0.00	40.07 0.98 0.00	38.22 0.86 0.00
RAMAPO___LBMP 323565	38.32 1.19 0.00	36.28 1.09 0.00	34.50 0.97 0.00	34.45 1.04 0.00	34.95 1.12 0.00	37.93 1.18 0.00	50.17 1.41 0.00	65.15 2.26 0.00	63.05 2.31 0.00	50.75 1.86 0.00	49.88 1.96 0.00	49.69 2.23 0.00	47.68 2.10 0.00	47.79 2.10 0.00	45.87 2.14 0.00	45.80 2.10 0.00	51.59 2.41 0.00	65.29 2.93 0.00	81.39 3.73 0.00	74.87 3.36 0.00	55.91 2.51 0.00	46.53 2.09 0.00	40.82 1.72 0.00	38.86 1.49 0.00
RANKINE____ 23646	37.46 0.33 0.00	35.89 0.70 0.00	34.37 0.84 0.00	34.25 0.84 0.00	34.27 0.44 0.00	37.13 0.37 0.00	48.56 -0.20 0.00	62.00 -0.88 0.00	58.98 -1.76 0.00	48.65 -0.24 0.00	46.77 -1.15 0.00	46.37 -1.09 0.00	44.49 -1.09 0.00	44.82 -0.87 0.00	42.72 -1.01 0.00	42.39 -1.31 0.00	47.56 -1.62 0.00	60.80 -1.56 0.00	75.95 -1.71 0.00	70.22 -1.29 0.00	51.16 -2.24 0.00	42.71 -1.73 0.00	38.08 -1.02 0.00	37.32 -0.04 0.00
RAVENSWOOD_GT2_1 24244	38.69 1.56 0.00	36.63 1.44 0.00	34.84 1.31 0.00	34.78 1.37 0.00	35.29 1.45 0.00	38.26 1.51 0.00	50.36 1.61 0.00	65.65 2.77 0.00	63.65 2.92 0.00	51.19 2.30 0.00	50.50 2.59 0.00	50.22 2.75 0.00	48.32 2.74 0.00	48.43 2.74 0.00	46.48 2.75 0.00	46.37 2.67 0.00	52.13 2.95 0.00	65.85 3.49 0.00	81.93 4.27 0.00	75.29 3.79 0.00	56.28 2.88 0.00	46.93 2.49 0.00	41.17 2.07 0.00	39.23 1.87 0.00
RAVENSWOOD_GT2_2 24245	38.69 1.56 0.00	36.63 1.44 0.00	34.84 1.31 0.00	34.78 1.37 0.00	35.29 1.45 0.00	38.26 1.51 0.00	50.36 1.61 0.00	65.65 2.77 0.00	63.65 2.92 0.00	51.19 2.30 0.00	50.50 2.59 0.00	50.22 2.75 0.00	48.32 2.74 0.00	48.43 2.74 0.00	46.48 2.75 0.00	46.37 2.67 0.00	52.13 2.95 0.00	65.85 3.49 0.00	81.93 4.27 0.00	75.29 3.79 0.00	56.28 2.88 0.00	46.93 2.49 0.00	41.17 2.07 0.00	39.23 1.87 0.00

RAVENSWOOD_GT2_3 24246	38.69 1.56 0.00	36.63 1.44 0.00	34.84 1.31 0.00	34.78 1.37 0.00	35.29 1.45 0.00	38.30 1.54 0.00	50.41 1.66 0.00	65.71 2.83 0.00	63.65 2.92 0.00	51.24 2.35 0.00	50.50 2.59 0.00	50.26 2.80 0.00	48.32 2.74 0.00	48.48 2.79 0.00	46.53 2.80 0.00	46.37 2.67 0.00	52.18 3.00 0.00	65.92 3.55 0.00	82.01 4.35 0.00	75.37 3.86 0.00	56.28 2.88 0.00	46.93 2.49 0.00	41.21 2.11 0.00	39.23 1.87 0.00
RAVENSWOOD_GT2_4 24247	38.69 1.56 0.00	36.63 1.44 0.00	34.84 1.31 0.00	34.78 1.37 0.00	35.29 1.45 0.00	38.30 1.54 0.00	50.41 1.66 0.00	65.71 2.83 0.00	63.65 2.92 0.00	51.24 2.35 0.00	50.50 2.59 0.00	50.26 2.80 0.00	48.32 2.74 0.00	48.48 2.79 0.00	46.53 2.80 0.00	46.37 2.67 0.00	52.18 3.00 0.00	65.92 3.55 0.00	82.01 4.35 0.00	75.37 3.86 0.00	56.28 2.88 0.00	46.93 2.49 0.00	41.21 2.11 0.00	39.23 1.87 0.00
RAVENSWOOD_GT3_1 24248	38.69 1.56 0.00	36.63 1.44 0.00	34.84 1.31 0.00	34.78 1.37 0.00	35.29 1.45 0.00	38.30 1.54 0.00	50.41 1.66 0.00	65.65 2.77 0.00	63.65 2.92 0.00	51.19 2.30 0.00	50.50 2.59 0.00	50.22 2.75 0.00	48.32 2.74 0.00	48.43 2.74 0.00	46.48 2.75 0.00	46.37 2.67 0.00	52.13 2.95 0.00	65.85 3.49 0.00	82.01 4.35 0.00	75.29 3.79 0.00	56.28 2.88 0.00	46.93 2.49 0.00	41.17 2.07 0.00	39.23 1.87 0.00
RAVENSWOOD_GT3_2 24249	38.69 1.56 0.00	36.63 1.44 0.00	34.84 1.31 0.00	34.78 1.37 0.00	35.29 1.45 0.00	38.30 1.54 0.00	50.41 1.66 0.00	65.65 2.77 0.00	63.65 2.92 0.00	51.19 2.30 0.00	50.50 2.59 0.00	50.22 2.75 0.00	48.32 2.74 0.00	48.43 2.74 0.00	46.48 2.75 0.00	46.37 2.67 0.00	52.13 2.95 0.00	65.85 3.49 0.00	82.01 4.35 0.00	75.29 3.79 0.00	56.28 2.88 0.00	46.93 2.49 0.00	41.17 2.07 0.00	39.23 1.87 0.00
RAVENSWOOD_GT3_3 24250	38.72 1.60 0.00	36.66 1.48 0.00	34.87 1.34 0.00	34.82 1.40 0.00	35.32 1.49 0.00	38.34 1.58 0.00	50.46 1.71 0.00	65.78 2.89 0.00	63.78 3.04 0.00	51.29 2.40 0.00	50.60 2.68 0.00	50.31 2.85 0.00	48.41 2.83 0.00	48.52 2.83 0.00	46.57 2.84 0.00	46.46 2.75 0.00	52.23 3.05 0.00	65.98 3.62 0.00	82.09 4.43 0.00	75.44 3.93 0.00	56.39 2.99 0.00	47.02 2.58 0.00	41.25 2.15 0.00	39.27 1.91 0.00
RAVENSWOOD_GT3_4 24251	38.72 1.60 0.00	36.66 1.48 0.00	34.87 1.34 0.00	34.82 1.40 0.00	35.32 1.49 0.00	38.34 1.58 0.00	50.46 1.71 0.00	65.78 2.89 0.00	63.78 3.04 0.00	51.29 2.40 0.00	50.60 2.68 0.00	50.31 2.85 0.00	48.41 2.83 0.00	48.52 2.83 0.00	46.57 2.84 0.00	46.46 2.75 0.00	52.23 3.05 0.00	65.98 3.62 0.00	82.09 4.43 0.00	75.44 3.93 0.00	56.39 2.99 0.00	47.02 2.58 0.00	41.25 2.15 0.00	39.27 1.91 0.00
RAVENSWOOD_GT_1 23729	38.87 1.74 0.00	36.81 1.62 -0.01	35.02 1.48 -0.01	34.96 1.54 -0.01	35.46 1.62 -0.01	38.38 1.62 0.00	50.22 1.46 0.00	65.53 2.64 0.00	63.53 2.79 0.00	51.14 2.25 0.00	50.46 2.54 0.00	50.22 2.75 0.00	48.37 2.78 0.00	48.48 2.79 0.00	46.53 2.80 0.00	46.41 2.71 0.00	52.13 2.95 0.00	65.85 3.49 0.00	81.93 4.27 0.00	75.22 3.72 0.00	56.18 2.78 0.00	46.93 2.49 0.00	41.25 2.15 0.00	39.38 2.02 0.00
RAVENSWOOD_GT_10 24258	38.69 1.56 0.00	36.63 1.44 0.00	34.84 1.31 0.00	34.78 1.37 0.00	35.28 1.45 0.00	38.30 1.54 0.00	50.41 1.66 0.00	65.71 2.83 0.00	63.65 2.92 0.00	51.24 2.35 0.00	50.50 2.59 0.00	50.26 2.80 0.00	48.32 2.74 0.00	48.43 2.74 0.00	46.48 2.75 0.00	46.37 2.67 0.00	52.18 3.00 0.00	65.85 3.49 0.00	82.01 4.35 0.00	75.29 3.79 0.00	56.28 2.88 0.00	46.93 2.49 0.00	41.17 2.07 0.00	39.19 1.83 0.00
RAVENSWOOD_GT_11 24259	38.69 1.56 0.00	36.63 1.44 0.00	34.84 1.31 0.00	34.78 1.37 0.00	35.28 1.45 0.00	38.30 1.54 0.00	50.41 1.66 0.00	65.71 2.83 0.00	63.65 2.92 0.00	51.24 2.35 0.00	50.50 2.59 0.00	50.26 2.80 0.00	48.32 2.74 0.00	48.43 2.74 0.00	46.48 2.75 0.00	46.37 2.67 0.00	52.18 3.00 0.00	65.85 3.49 0.00	82.01 4.35 0.00	75.29 3.79 0.00	56.28 2.88 0.00	46.93 2.49 0.00	41.17 2.07 0.00	39.19 1.83 0.00
RAVENSWOOD_GT_4 24252	38.65 1.52 0.00	36.59 1.41 0.01	34.80 1.27 0.01	34.74 1.34 0.01	35.25 1.42 0.01	38.26 1.51 0.00	50.46 1.71 0.00	65.71 2.83 0.00	63.71 2.98 0.00	51.24 2.35 0.00	50.50 2.59 0.00	50.26 2.80 0.00	48.32 2.74 0.00	48.43 2.74 0.00	46.48 2.75 0.00	46.37 2.67 0.00	52.18 3.00 0.00	65.85 3.49 0.00	82.01 4.35 0.00	75.37 3.86 0.00	56.34 2.94 0.00	46.93 2.49 0.00	41.17 2.07 0.00	39.19 1.83 0.00
RAVENSWOOD_GT_5 24254	38.65 1.52 0.00	36.59 1.41 0.01	34.80 1.27 0.01	34.74 1.34 0.01	35.25 1.42 0.01	38.26 1.51 0.00	50.46 1.71 0.00	65.71 2.83 0.00	63.71 2.98 0.00	51.24 2.35 0.00	50.50 2.59 0.00	50.26 2.80 0.00	48.32 2.74 0.00	48.43 2.74 0.00	46.48 2.75 0.00	46.37 2.67 0.00	52.18 3.00 0.00	65.85 3.49 0.00	82.01 4.35 0.00	75.37 3.86 0.00	56.34 2.94 0.00	46.93 2.49 0.00	41.17 2.07 0.00	39.19 1.83 0.00
RAVENSWOOD_GT_6 24253	38.65 1.52 0.00	36.59 1.41 0.01	34.80 1.27 0.01	34.74 1.34 0.01	35.25 1.42 0.01	38.26 1.51 0.00	50.46 1.71 0.00	65.71 2.83 0.00	63.71 2.98 0.00	51.24 2.35 0.00	50.50 2.59 0.00	50.26 2.80 0.00	48.32 2.74 0.00	48.43 2.74 0.00	46.48 2.75 0.00	46.37 2.67 0.00	52.18 3.00 0.00	65.85 3.49 0.00	82.01 4.35 0.00	75.37 3.86 0.00	56.34 2.94 0.00	46.93 2.49 0.00	41.17 2.07 0.00	39.19 1.83 0.00
RAVENSWOOD_GT_7 24255	38.65 1.52 0.00	36.59 1.41 0.01	34.80 1.27 0.01	34.74 1.34 0.01	35.25 1.42 0.01	38.26 1.51 0.00	50.46 1.71 0.00	65.71 2.83 0.00	63.71 2.98 0.00	51.24 2.35 0.00	50.50 2.59 0.00	50.26 2.80 0.00	48.32 2.74 0.00	48.43 2.74 0.00	46.48 2.75 0.00	46.37 2.67 0.00	52.18 3.00 0.00	65.85 3.49 0.00	82.01 4.35 0.00	75.37 3.86 0.00	56.34 2.94 0.00	46.93 2.49 0.00	41.17 2.07 0.00	39.19 1.83 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	38.69 1.56 0.00	36.63 1.44 0.00	34.84 1.31 0.00	34.78 1.37 0.00	35.28 1.45 0.00	38.30 1.54 0.00	50.41 1.66 0.00	65.71 2.83 0.00	63.65 2.92 0.00	51.24 2.35 0.00	50.50 2.59 0.00	50.26 2.80 0.00	48.32 2.74 0.00	48.43 2.74 0.00	46.48 2.75 0.00	46.37 2.67 0.00	52.18 3.00 0.00	65.85 3.49 0.00	82.01 4.35 0.00	75.29 3.79 0.00	56.28 2.88 0.00	46.93 2.49 0.00	41.17 2.07 0.00	39.19 1.83 0.00
RAVENSWOOD_GT_9 24257	38.69 1.56 0.00	36.63 1.44 0.00	34.84 1.31 0.00	34.78 1.37 0.00	35.28 1.45 0.00	38.30 1.54 0.00	50.41 1.66 0.00	65.71 2.83 0.00	63.65 2.92 0.00	51.24 2.35 0.00	50.50 2.59 0.00	50.26 2.80 0.00	48.32 2.74 0.00	48.43 2.74 0.00	46.48 2.75 0.00	46.37 2.67 0.00	52.18 3.00 0.00	65.85 3.49 0.00	82.01 4.35 0.00	75.29 3.79 0.00	56.28 2.88 0.00	46.93 2.49 0.00	41.17 2.07 0.00	39.19 1.83 0.00

RAVENSWOOD___1 23533	38.84 1.71 0.00	36.81 1.62 -0.01	35.01 1.47 -0.01	34.96 1.54 -0.01	35.40 1.56 -0.01	38.37 1.62 0.00	50.22 1.46 0.00	65.53 2.64 0.00	63.53 2.80 0.00	51.10 2.20 0.00	50.45 2.54 0.00	50.22 2.75 0.00	48.37 2.78 0.00	48.48 2.79 0.00	46.53 2.80 0.00	46.37 2.67 0.00	52.08 2.90 0.00	65.85 3.49 0.00	81.85 4.19 0.00	75.22 3.72 0.00	56.17 2.78 0.00	46.98 2.53 0.00	41.20 2.11 0.00	39.34 1.98 0.00
RAVENSWOOD___2 23534	38.76 1.63 0.00	36.74 1.55 -0.01	34.95 1.41 -0.01	34.89 1.47 -0.01	35.33 1.49 -0.01	38.30 1.54 0.00	49.92 1.17 0.00	65.15 2.26 0.00	63.17 2.43 0.00	50.80 1.90 0.00	50.17 2.25 0.00	49.93 2.47 0.00	48.27 2.69 0.00	48.38 2.70 0.00	46.44 2.71 0.00	46.28 2.58 0.00	51.74 2.56 0.00	65.42 3.05 0.00	81.31 3.65 0.00	74.73 3.22 0.00	55.80 2.41 0.00	46.89 2.44 0.00	41.13 2.03 0.00	39.27 1.90 0.00
RAVENSWOOD___3 23535	38.69 1.56 0.00	36.63 1.44 0.00	34.84 1.31 0.00	34.78 1.37 0.00	35.22 1.39 0.00	38.27 1.51 0.00	50.41 1.66 0.00	65.65 2.76 0.00	63.65 2.92 0.00	51.19 2.30 0.00	50.50 2.59 0.00	50.26 2.80 0.00	48.32 2.73 0.00	48.43 2.74 0.00	46.48 2.76 0.00	46.37 2.67 0.00	52.13 2.95 0.00	65.85 3.49 0.00	82.01 4.35 0.00	75.29 3.79 0.00	56.28 2.88 0.00	46.98 2.53 0.00	41.17 2.07 0.00	39.19 1.83 0.00
RAVENSWOOD___4 23820	38.84 1.71 0.00	36.81 1.62 -0.01	35.01 1.47 -0.01	34.96 1.54 -0.01	35.39 1.56 -0.01	38.34 1.58 0.00	50.22 1.46 0.00	65.53 2.64 0.00	63.53 2.80 0.00	51.10 2.20 0.00	50.45 2.54 0.00	50.17 2.70 0.00	48.37 2.78 0.00	48.48 2.79 0.00	46.53 2.80 0.00	46.37 2.67 0.00	52.03 2.85 0.00	65.79 3.43 0.00	81.85 4.19 0.00	75.15 3.64 0.00	56.17 2.78 0.00	46.98 2.53 0.00	41.20 2.11 0.00	39.34 1.98 0.00
RCPL_TRUST___DRP 24196	38.65 1.52 0.00	36.59 1.41 0.00	34.80 1.27 0.00	34.75 1.34 0.00	35.25 1.42 0.00	38.26 1.51 0.00	50.46 1.71 0.00	65.78 2.89 0.00	63.71 2.98 0.00	51.29 2.40 0.00	50.55 2.64 0.00	50.31 2.85 0.00	48.37 2.78 0.00	48.48 2.79 0.00	46.53 2.80 0.00	46.41 2.71 0.00	52.23 3.05 0.00	65.92 3.55 0.00	82.09 4.43 0.00	75.37 3.86 0.00	56.34 2.94 0.00	46.93 2.49 0.00	41.17 2.07 0.00	39.19 1.83 0.00
RED___ROCHESTER 323720	37.42 0.30 0.00	35.68 0.49 0.00	34.03 0.50 0.00	33.81 0.40 0.00	34.20 0.37 0.00	37.05 0.29 0.00	49.00 0.25 0.00	62.88 0.00 0.00	60.44 -0.30 0.00	49.14 0.25 0.00	47.63 -0.29 0.00	47.27 -0.19 0.00	45.22 -0.37 0.00	45.46 -0.23 0.00	43.38 -0.35 0.00	43.31 -0.39 0.00	48.74 -0.44 0.00	62.18 -0.19 0.00	77.59 -0.08 0.00	71.65 0.14 0.00	52.97 -0.43 0.00	44.14 -0.31 0.00	38.94 -0.16 0.00	37.63 0.26 0.00
REGAN___SOLAR 323812	38.57 1.45 0.00	36.52 1.34 0.00	34.80 1.27 0.00	34.75 1.34 0.00	35.22 1.39 0.00	38.41 1.66 0.00	51.58 2.83 0.00	66.53 3.65 0.00	63.47 2.74 0.00	50.26 1.37 0.00	48.87 0.96 0.00	47.89 0.43 0.00	45.72 0.14 0.00	45.92 0.23 0.00	44.12 0.39 0.00	44.40 0.70 0.00	50.55 1.38 0.00	64.92 2.56 0.00	81.39 3.73 0.00	74.65 3.14 0.00	55.80 2.41 0.00	46.35 1.91 0.00	40.58 1.49 0.00	38.70 1.34 0.00
RENSSELAER___COGEN 23796	36.94 -0.18 0.00	34.98 -0.21 0.00	33.33 -0.20 0.00	33.25 -0.17 0.00	33.60 -0.24 0.00	36.54 -0.22 0.00	48.56 -0.19 0.00	62.63 -0.25 0.00	60.74 0.00 0.00	48.84 -0.05 0.00	48.01 0.10 0.00	47.56 0.10 0.00	45.72 0.14 0.00	45.92 0.23 0.00	44.04 0.31 0.00	43.97 0.26 0.00	49.48 0.30 0.00	62.61 0.25 0.00	77.90 0.23 0.00	71.58 0.07 0.00	53.67 0.27 0.00	44.71 0.27 0.00	39.29 0.20 0.00	37.47 0.11 0.00
REPUBLIC_115KV_BARTNBRK 55605	39.69 2.56 0.00	37.54 2.36 0.00	35.74 2.21 0.00	35.72 2.31 0.00	36.20 2.37 0.00	39.40 2.65 0.00	53.14 4.39 0.00	68.61 5.72 0.00	65.78 5.04 0.00	52.36 3.47 0.00	51.41 3.50 0.00	50.45 2.99 0.00	48.00 2.42 0.00	48.25 2.56 0.00	46.09 2.36 0.00	46.06 2.36 0.00	52.33 3.15 0.00	66.85 4.49 0.00	83.80 6.14 0.00	76.65 5.15 0.00	57.40 4.00 0.00	47.38 2.93 0.00	41.52 2.42 0.00	39.64 2.28 0.00
REVERE_CPPR_DRP 24186	38.17 1.04 0.00	36.21 1.02 0.00	34.50 0.97 0.00	34.28 0.87 0.00	34.78 0.95 0.00	37.90 1.14 0.00	51.37 1.95 -0.67	66.79 2.83 -1.07	64.03 2.61 -0.68	50.51 1.61 -0.01	49.76 1.39 -0.46	49.01 1.09 -0.46	46.73 1.14 -0.01	46.79 1.10 0.00	44.60 0.87 0.00	44.71 1.01 0.00	50.51 1.33 0.00	64.42 2.06 0.00	80.77 3.11 0.00	74.65 3.15 0.00	56.16 2.08 -0.68	46.00 1.56 0.00	40.19 1.09 0.00	38.52 1.16 0.00
REYNLDPA_13_KV_LD 356490	37.65 0.52 0.00	35.68 0.49 0.00	34.00 0.47 0.00	33.88 0.47 0.00	34.27 0.44 0.00	37.27 0.51 0.00	48.12 0.73 1.37	61.56 0.88 2.20	60.16 0.79 1.36	49.51 0.63 0.01	47.72 0.72 0.92	47.26 0.71 0.92	46.26 0.68 0.01	46.28 0.59 0.00	44.25 0.53 0.00	44.23 0.53 0.00	49.72 0.54 0.00	62.99 0.62 0.00	78.13 0.47 0.00	72.15 0.64 0.00	52.80 0.53 1.13	44.80 0.35 0.00	39.53 0.43 0.00	37.70 0.34 0.00
REYNOLDS_115KV_TB3 80639	37.39 0.26 0.00	35.40 0.21 0.00	33.70 0.17 0.00	33.61 0.20 0.00	34.03 0.20 0.00	36.98 0.22 0.00	49.10 0.34 0.00	63.39 0.50 0.00	61.53 0.79 0.00	49.53 0.64 0.00	48.68 0.77 0.00	48.22 0.76 0.00	46.36 0.77 0.00	46.51 0.82 0.00	44.60 0.87 0.00	44.53 0.83 0.00	50.11 0.93 0.00	63.36 1.00 0.00	78.83 1.16 0.00	72.43 0.93 0.00	54.36 0.96 0.00	45.24 0.80 0.00	39.76 0.66 0.00	37.92 0.56 0.00
RIVERBAY____ 323610	39.43 2.30 0.00	37.23 2.04 -0.01	35.38 1.84 -0.01	35.32 1.90 -0.01	35.80 1.96 -0.01	38.74 1.98 0.00	50.41 1.66 0.00	65.84 2.96 0.00	63.84 3.10 0.00	51.29 2.40 0.00	50.65 2.73 0.00	50.36 2.90 0.00	48.55 2.96 0.00	48.66 2.97 0.00	46.70 2.97 0.00	46.54 2.84 0.00	52.23 3.05 0.00	66.23 3.87 0.00	82.24 4.58 0.00	75.51 4.00 0.00	56.39 2.99 0.00	47.07 2.62 0.00	41.44 2.35 0.00	39.75 2.39 0.00
RIVERSDE_115KV_TB3 55908	37.20 0.07 0.00	35.22 0.04 0.00	33.56 0.03 0.00	33.45 0.03 0.00	33.90 0.07 0.00	36.79 0.04 0.00	48.85 0.10 0.00	62.95 0.06 0.00	61.10 0.36 0.00	49.14 0.24 0.00	48.30 0.38 0.00	47.80 0.33 0.00	46.00 0.41 0.00	46.28 0.59 0.00	44.38 0.66 0.00	44.31 0.61 0.00	49.92 0.74 0.00	63.11 0.75 0.00	78.52 0.85 0.00	72.15 0.64 0.00	54.09 0.69 0.00	45.02 0.58 0.00	39.56 0.47 0.00	37.74 0.37 0.00
ROARING___BROOK_WT_PWR 323790	37.16 0.04 0.00	35.22 0.04 0.00	33.56 0.03 0.00	33.45 0.03 0.00	33.86 0.03 0.00	36.83 0.07 0.00	48.68 0.10 0.17	62.67 0.06 0.28	60.69 0.12 0.17	48.94 0.05 0.00	47.90 0.10 0.12	47.44 0.10 0.12	45.67 0.09 0.00	45.74 0.05 0.00	43.77 0.04 0.00	43.75 0.04 0.00	49.18 0.00 0.00	62.36 0.00 0.00	77.59 -0.08 0.00	71.29 -0.21 0.00	53.01 -0.21 0.17	44.18 -0.27 0.00	38.82 -0.27 0.00	37.02 -0.34 0.00

ROCHESRG_115KV_T4 355643	37.13 0.00 0.00	35.36 0.18 0.00	33.73 0.20 0.00	33.55 0.13 0.00	33.80 -0.03 0.00	36.72 -0.04 0.00	48.51 -0.24 0.00	62.26 -0.63 0.00	59.77 -0.97 0.00	48.65 -0.24 0.00	47.15 -0.77 0.00	46.80 -0.66 0.00	44.81 -0.77 0.00	45.00 -0.69 0.00	42.94 -0.79 0.00	42.92 -0.79 0.00	48.20 -0.98 0.00	61.49 -0.87 0.00	76.81 -0.85 0.00	70.86 -0.64 0.00	52.22 -1.17 0.00	43.56 -0.89 0.00	38.51 -0.59 0.00	37.29 -0.07 0.00
ROCHESTER_9_IC 23652	37.28 0.15 0.00	35.50 0.32 0.00	33.90 0.37 0.00	33.71 0.30 0.00	33.93 0.10 0.00	36.90 0.15 0.00	48.80 0.05 0.00	62.63 -0.25 0.00	60.13 -0.61 0.00	48.94 0.05 0.00	47.44 -0.48 0.00	47.04 -0.43 0.00	45.04 -0.55 0.00	45.23 -0.46 0.00	43.16 -0.57 0.00	43.13 -0.57 0.00	48.49 -0.69 0.00	61.86 -0.50 0.00	77.27 -0.39 0.00	71.29 -0.21 0.00	52.55 -0.85 0.00	43.82 -0.62 0.00	38.70 -0.39 0.00	37.47 0.11 0.00
ROCKVIEW_13_KV_LD 356306	38.54 1.41 0.00	36.49 1.30 0.00	34.70 1.17 0.00	34.65 1.24 0.00	35.15 1.32 0.00	38.23 1.47 0.00	50.51 1.76 0.00	65.65 2.77 0.00	63.59 2.85 0.00	51.19 2.30 0.00	50.41 2.49 0.00	50.17 2.71 0.00	48.18 2.60 0.00	48.29 2.60 0.00	46.35 2.62 0.00	46.24 2.53 0.00	52.03 2.85 0.00	65.79 3.43 0.00	81.86 4.19 0.00	75.22 3.72 0.00	56.28 2.88 0.00	46.89 2.44 0.00	41.09 1.99 0.00	39.08 1.72 0.00
ROME____115KV_TB2 80656	38.17 1.04 0.00	36.21 1.02 0.00	34.50 0.97 0.00	34.28 0.87 0.00	34.78 0.95 0.00	37.90 1.14 0.00	51.37 1.95 -0.67	66.79 2.83 -1.07	64.03 2.61 -0.68	50.51 1.61 -0.01	49.76 1.39 -0.46	49.01 1.09 -0.46	46.73 1.14 -0.01	46.79 1.10 0.00	44.60 0.87 0.00	44.71 1.01 0.00	50.51 1.33 0.00	64.42 2.06 0.00	80.77 3.11 0.00	74.65 3.15 0.00	56.16 2.08 -0.68	46.00 1.56 0.00	40.19 1.09 0.00	38.52 1.16 0.00
ROSETON____1 23587	38.06 0.93 0.00	36.03 0.84 0.00	34.30 0.77 0.00	34.21 0.80 0.00	34.68 0.85 0.00	37.71 0.95 0.00	49.83 1.07 0.00	64.64 1.76 0.00	62.62 1.88 0.00	50.36 1.47 0.00	49.59 1.68 0.00	49.27 1.80 0.00	47.36 1.78 0.00	47.47 1.78 0.00	45.56 1.84 0.00	45.49 1.79 0.00	51.15 1.97 0.00	64.60 2.24 0.00	80.38 2.72 0.00	73.86 2.36 0.00	55.27 1.87 0.00	46.22 1.78 0.00	40.54 1.45 0.00	38.63 1.27 0.00
ROSETON____2 23588	38.06 0.93 0.00	36.03 0.84 0.00	34.30 0.77 0.00	34.21 0.80 0.00	34.68 0.85 0.00	37.71 0.95 0.00	49.83 1.07 0.00	64.64 1.76 0.00	62.62 1.88 0.00	50.36 1.47 0.00	49.59 1.68 0.00	49.27 1.80 0.00	47.36 1.78 0.00	47.47 1.78 0.00	45.56 1.84 0.00	45.49 1.79 0.00	51.15 1.97 0.00	64.60 2.24 0.00	80.38 2.72 0.00	73.86 2.36 0.00	55.27 1.87 0.00	46.22 1.78 0.00	40.54 1.45 0.00	38.63 1.27 0.00
ROTTTRDAM_115KV_TB3 80664	37.80 0.67 0.00	35.78 0.60 0.00	34.10 0.57 0.00	34.01 0.60 0.00	34.47 0.64 0.00	37.46 0.70 0.00	49.78 1.02 0.00	64.27 1.38 0.00	62.07 1.34 0.00	49.82 0.93 0.00	48.92 1.01 0.00	48.41 0.95 0.00	46.36 0.77 0.00	46.47 0.78 0.00	44.51 0.79 0.00	44.49 0.79 0.00	50.16 0.98 0.00	63.55 1.18 0.00	79.14 1.48 0.00	72.72 1.22 0.00	54.47 1.07 0.00	45.33 0.89 0.00	39.84 0.74 0.00	38.03 0.67 0.00
RUSSELL____1 23602	37.42 0.30 0.00	35.64 0.46 0.00	34.00 0.47 0.00	33.81 0.40 0.00	34.07 0.24 0.00	37.05 0.29 0.00	49.05 0.29 0.00	62.88 0.00 0.00	60.37 -0.36 0.00	49.14 0.24 0.00	47.63 -0.29 0.00	47.27 -0.19 0.00	45.22 -0.36 0.00	45.46 -0.23 0.00	43.38 -0.35 0.00	43.31 -0.39 0.00	48.69 -0.49 0.00	62.18 -0.19 0.00	77.58 -0.08 0.00	71.65 0.14 0.00	52.81 -0.59 0.00	44.04 -0.40 0.00	38.90 -0.20 0.00	37.62 0.26 0.00
RUSSELL____2 23532	37.42 0.30 0.00	35.64 0.46 0.00	34.00 0.47 0.00	33.81 0.40 0.00	34.07 0.24 0.00	37.05 0.29 0.00	49.05 0.29 0.00	62.88 0.00 0.00	60.37 -0.36 0.00	49.14 0.24 0.00	47.63 -0.29 0.00	47.27 -0.19 0.00	45.22 -0.36 0.00	45.46 -0.23 0.00	43.38 -0.35 0.00	43.31 -0.39 0.00	48.69 -0.49 0.00	62.18 -0.19 0.00	77.58 -0.08 0.00	71.65 0.14 0.00	52.81 -0.59 0.00	44.04 -0.40 0.00	38.90 -0.20 0.00	37.62 0.26 0.00
RUSSELL____3 23549	37.42 0.30 0.00	35.64 0.46 0.00	34.00 0.47 0.00	33.81 0.40 0.00	34.07 0.24 0.00	37.05 0.29 0.00	49.05 0.29 0.00	62.88 0.00 0.00	60.37 -0.36 0.00	49.14 0.24 0.00	47.63 -0.29 0.00	47.27 -0.19 0.00	45.22 -0.36 0.00	45.46 -0.23 0.00	43.38 -0.35 0.00	43.31 -0.39 0.00	48.69 -0.49 0.00	62.18 -0.19 0.00	77.58 -0.08 0.00	71.65 0.14 0.00	52.81 -0.59 0.00	44.04 -0.40 0.00	38.90 -0.20 0.00	37.62 0.26 0.00
RUSSELL____4 23556	37.42 0.30 0.00	35.64 0.46 0.00	34.00 0.47 0.00	33.81 0.40 0.00	34.07 0.24 0.00	37.05 0.29 0.00	49.05 0.29 0.00	62.88 0.00 0.00	60.37 -0.36 0.00	49.14 0.24 0.00	47.63 -0.29 0.00	47.27 -0.19 0.00	45.22 -0.36 0.00	45.46 -0.23 0.00	43.38 -0.35 0.00	43.31 -0.39 0.00	48.69 -0.49 0.00	62.18 -0.19 0.00	77.58 -0.08 0.00	71.65 0.14 0.00	52.81 -0.59 0.00	44.04 -0.40 0.00	38.90 -0.20 0.00	37.62 0.26 0.00
RUSSELL____STATION 23914	37.42 0.30 0.00	35.64 0.46 0.00	34.00 0.47 0.00	33.81 0.40 0.00	34.07 0.24 0.00	37.05 0.29 0.00	49.05 0.29 0.00	62.88 0.00 0.00	60.37 -0.36 0.00	49.14 0.24 0.00	47.63 -0.29 0.00	47.27 -0.19 0.00	45.22 -0.36 0.00	45.46 -0.23 0.00	43.38 -0.35 0.00	43.31 -0.39 0.00	48.69 -0.49 0.00	62.18 -0.19 0.00	77.58 -0.08 0.00	71.65 0.14 0.00	52.81 -0.59 0.00	44.04 -0.40 0.00	38.90 -0.20 0.00	37.62 0.26 0.00
S SALMON____HYD 24043	37.05 -0.07 0.00	35.12 -0.07 0.00	33.46 -0.07 0.00	33.31 -0.10 0.00	33.76 -0.07 0.00	36.72 -0.04 0.00	49.61 0.10 -0.76	64.36 0.25 -1.22	61.62 0.12 -0.76	48.75 -0.15 -0.01	48.04 -0.39 -0.51	47.45 -0.52 -0.51	45.09 -0.50 -0.01	45.19 -0.50 0.00	43.16 -0.57 0.00	43.22 -0.48 0.00	48.64 -0.54 0.00	61.93 -0.43 0.00	77.59 -0.08 0.00	71.65 0.14 0.00	54.06 -0.11 -0.77	44.40 -0.04 0.00	39.02 -0.08 0.00	37.32 -0.04 0.00
S.PERRY__115KV_TB1 80734	38.50 1.37 0.00	36.70 1.51 0.00	35.01 1.48 0.00	34.85 1.44 0.00	35.01 1.18 0.00	38.15 1.40 0.00	50.80 2.05 0.00	65.15 2.26 0.00	61.89 1.15 0.00	49.97 1.08 0.00	48.16 0.24 0.00	47.61 0.14 0.00	45.54 -0.05 0.00	45.78 0.09 0.00	43.73 0.00 0.00	43.70 0.00 0.00	49.38 0.20 0.00	63.80 1.43 0.00	80.38 2.72 0.00	74.37 2.86 0.00	54.41 1.01 0.00	45.20 0.76 0.00	39.80 0.70 0.00	38.52 1.16 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	37.28 0.15 0.00	35.75 0.56 0.00	34.23 0.70 0.00	34.08 0.67 0.00	34.10 0.27 0.00	36.90 0.15 0.00	48.12 -0.63 0.00	61.31 -1.57 0.00	58.37 -2.37 0.00	48.21 -0.68 0.00	46.38 -1.53 0.00	45.94 -1.52 0.00	44.13 -1.46 0.00	44.46 -1.23 0.00	42.37 -1.36 0.00	42.09 -1.62 0.00	47.11 -2.07 0.00	60.12 -2.25 0.00	75.10 -2.56 0.00	69.43 -2.07 0.00	50.62 -2.78 0.00	42.31 -2.13 0.00	37.80 -1.29 0.00	37.14 -0.22 0.00

SAWYER___23_KV_LOAD 55526	37.28 0.15 0.00	35.75 0.56 0.00	34.23 0.70 0.00	34.08 0.67 0.00	34.10 0.27 0.00	36.90 0.15 0.00	48.12 -0.63 0.00	61.31 -1.57 0.00	58.37 -2.37 0.00	48.21 -0.68 0.00	46.38 -1.53 0.00	45.94 -1.52 0.00	44.13 -1.46 0.00	44.46 -1.23 0.00	42.37 -1.36 0.00	42.09 -1.62 0.00	47.11 -2.07 0.00	60.12 -2.25 0.00	75.10 -2.56 0.00	69.43 -2.07 0.00	50.62 -2.78 0.00	42.31 -2.13 0.00	37.80 -1.29 0.00	37.14 -0.22 0.00
SELKIRK___I 23801	36.57 -0.56 0.00	34.62 -0.56 0.00	33.03 -0.50 0.00	32.94 -0.47 0.00	33.32 -0.51 0.00	36.32 -0.44 0.00	48.32 -0.44 0.00	62.26 -0.63 0.00	60.30 -0.42 0.01	48.31 -0.58 0.00	47.38 -0.53 0.01	46.93 -0.52 0.01	3.55 -0.46 41.58	3.60 -0.41 41.68	3.41 -0.35 39.97	43.29 -0.39 0.01	48.74 -0.44 0.00	61.74 -0.62 0.00	76.89 -0.78 0.00	70.65 -0.85 0.00	52.97 -0.43 0.00	44.14 -0.31 0.00	39.60 0.51 0.00	37.81 0.45 0.00
SELKIRK___II 23799	36.79 -0.33 0.00	34.87 -0.32 0.00	33.23 -0.30 0.00	33.14 -0.27 0.00	33.53 -0.31 0.00	36.46 -0.30 0.00	48.42 -0.34 0.00	62.32 -0.57 0.00	60.40 -0.30 0.03	48.65 -0.24 0.00	47.74 -0.14 0.03	47.33 -0.09 0.03	-53.77 -0.05 99.31	-53.85 0.00 99.54	-51.64 0.09 95.46	43.71 0.04 0.03	49.23 0.05 0.00	62.24 -0.12 0.00	77.43 -0.23 0.00	71.22 -0.28 0.00	53.35 -0.05 0.00	44.49 0.04 0.00	39.13 0.04 0.00	37.32 -0.04 0.00
SENECA OSWGO___HYD 24041	36.53 -0.60 0.00	34.62 -0.56 0.00	32.99 -0.54 0.00	32.88 -0.54 0.00	33.29 -0.54 0.00	36.17 -0.59 0.00	48.28 -0.73 -0.26	62.42 -0.88 -0.41	59.96 -1.03 -0.25	48.06 -0.83 0.00	47.18 -0.91 -0.17	46.69 -0.95 -0.17	44.63 -0.96 0.00	44.78 -0.91 0.00	42.81 -0.92 0.00	42.78 -0.92 0.00	48.20 -0.98 0.00	61.30 -1.06 0.00	76.58 -1.09 0.00	70.57 -0.93 0.00	52.80 -0.86 -0.26	43.69 -0.76 0.00	38.47 -0.63 0.00	36.84 -0.52 0.00
SENECA___115KV_TB3 355854	37.50 0.37 0.00	35.92 0.74 0.00	34.44 0.91 0.00	34.28 0.87 0.00	34.30 0.47 0.00	37.16 0.40 0.00	48.66 -0.10 0.00	62.13 -0.75 0.00	59.10 -1.64 0.00	48.75 -0.15 0.00	46.86 -1.05 0.00	46.42 -1.04 0.00	44.54 -1.05 0.00	44.87 -0.82 0.00	42.77 -0.96 0.00	42.48 -1.22 0.00	47.61 -1.57 0.00	60.93 -1.43 0.00	76.03 -1.63 0.00	70.36 -1.14 0.00	51.21 -2.19 0.00	42.76 -1.69 0.00	38.12 -0.98 0.00	37.36 0.00 0.00
SENECA___ENERGY 23797	37.20 0.07 0.00	35.33 0.14 0.00	33.67 0.13 0.00	33.55 0.13 0.00	33.97 0.14 0.00	36.91 0.15 0.00	49.14 0.39 0.00	63.33 0.44 0.00	60.80 0.06 0.00	48.99 0.10 0.00	47.73 -0.19 0.00	47.23 -0.24 0.00	45.27 -0.32 0.00	45.42 -0.27 0.00	43.38 -0.35 0.00	43.31 -0.39 0.00	48.89 -0.29 0.00	62.49 0.12 0.00	78.28 0.62 0.00	72.22 0.71 0.00	53.51 0.11 0.00	44.36 -0.09 0.00	39.02 -0.08 0.00	37.44 0.07 0.00
SHOEMAKER___GT 23640	38.31 1.19 0.00	36.28 1.09 0.00	34.54 1.00 0.00	34.45 1.04 0.00	34.91 1.08 0.00	37.93 1.18 0.00	50.32 1.56 0.00	65.21 2.33 0.00	62.99 2.25 0.00	50.60 1.71 0.00	49.69 1.77 0.00	49.41 1.95 0.00	47.41 1.83 0.00	47.52 1.83 0.00	45.61 1.88 0.00	45.58 1.88 0.00	51.34 2.16 0.00	65.17 2.81 0.00	81.31 3.65 0.00	74.80 3.29 0.00	55.80 2.41 0.00	46.49 2.05 0.00	40.70 1.60 0.00	38.78 1.42 0.00
SHOEMAKR_138KV_BK 111 55601	38.28 1.15 0.00	36.28 1.09 0.00	34.50 0.97 0.00	34.41 1.00 0.00	34.95 1.12 0.00	37.90 1.14 0.00	50.27 1.51 0.00	65.21 2.33 0.00	62.99 2.25 0.00	50.60 1.71 0.00	49.69 1.77 0.00	49.41 1.95 0.00	47.41 1.82 0.00	47.56 1.87 0.00	45.61 1.88 0.00	45.58 1.88 0.00	51.39 2.21 0.00	65.11 2.74 0.00	81.24 3.57 0.00	74.72 3.22 0.00	55.75 2.35 0.00	46.44 2.00 0.00	40.70 1.60 0.00	38.78 1.42 0.00
SHOREHAM_IC_1 23715	37.80 0.67 0.00	35.43 0.25 0.00	33.93 0.40 0.00	34.05 0.63 0.00	34.54 0.71 0.00	38.19 1.43 0.00	48.61 -0.15 0.00	62.76 -0.13 0.00	60.80 0.06 0.00	49.00 0.15 0.04	49.40 1.49 0.00	48.79 1.33 0.00	46.82 1.23 0.00	46.60 0.91 0.00	44.82 1.09 0.00	44.88 1.18 0.00	50.00 0.84 0.01	61.69 0.12 0.80	72.10 0.08 5.64	71.71 0.22 0.01	54.15 0.75 0.00	45.11 0.67 0.00	39.76 0.66 0.00	38.00 0.63 0.00
SHOREHAM_IC_2 23716	37.80 0.67 0.00	35.43 0.25 0.00	33.93 0.40 0.00	34.05 0.63 0.00	34.71 0.88 0.00	38.26 1.51 0.00	48.56 -0.20 0.00	62.76 -0.13 0.00	60.80 0.06 0.00	49.00 0.15 0.04	49.40 1.49 0.00	48.79 1.33 0.00	46.82 1.23 0.00	46.60 0.91 0.00	44.82 1.09 0.00	44.92 1.22 0.00	50.05 0.89 0.01	61.69 0.12 0.80	72.10 0.08 5.64	71.71 0.21 0.01	54.20 0.80 0.00	45.07 0.62 0.00	39.92 0.82 0.00	38.07 0.71 0.00
SISSONVILLE____ 23735	38.02 0.89 0.00	36.10 0.91 0.00	34.40 0.87 0.00	34.18 0.77 0.00	34.64 0.81 0.00	37.82 1.07 0.00	58.06 1.61 -7.69	77.33 2.08 -12.37	70.30 1.88 -7.68	50.15 1.17 -0.08	54.25 1.15 -5.18	53.69 1.04 -5.18	46.67 1.00 -0.08	46.56 0.87 0.00	44.51 0.79 0.00	44.58 0.87 0.00	49.92 0.74 0.00	62.86 0.50 0.00	78.28 0.62 0.00	72.29 0.79 0.00	61.96 0.91 -7.65	45.24 0.80 0.00	39.92 0.82 0.00	38.07 0.71 0.00
SITHE_IND_GS1 24169	36.13 -1.00 0.00	34.24 -0.95 0.00	32.63 -0.90 0.00	32.51 -0.90 0.00	32.92 -0.91 0.00	35.73 -1.03 0.00	47.44 -1.31 0.00	61.19 -1.69 0.00	58.97 -1.76 0.00	47.52 -1.37 0.00	46.48 -1.44 0.00	46.04 -1.42 0.00	44.17 -1.41 0.00	44.32 -1.37 0.00	42.37 -1.36 0.00	42.35 -1.36 0.00	47.65 -1.52 0.00	60.55 -1.81 0.00	75.57 -2.09 0.00	69.58 -1.93 0.00	51.85 -1.55 0.00	43.15 -1.29 0.00	38.00 -1.09 0.00	36.35 -1.01 0.00
SITHE_IND_GS2 24170	36.13 -1.00 0.00	34.24 -0.95 0.00	32.63 -0.90 0.00	32.51 -0.90 0.00	32.92 -0.91 0.00	35.73 -1.03 0.00	47.44 -1.31 0.00	61.19 -1.69 0.00	58.97 -1.76 0.00	47.52 -1.37 0.00	46.48 -1.44 0.00	46.04 -1.42 0.00	44.17 -1.41 0.00	44.32 -1.37 0.00	42.37 -1.36 0.00	42.35 -1.36 0.00	47.65 -1.52 0.00	60.55 -1.81 0.00	75.57 -2.09 0.00	69.58 -1.93 0.00	51.85 -1.55 0.00	43.15 -1.29 0.00	38.00 -1.09 0.00	36.35 -1.01 0.00
SITHE_IND_GS3 24171	36.13 -1.00 0.00	34.24 -0.95 0.00	32.63 -0.90 0.00	32.51 -0.90 0.00	32.92 -0.91 0.00	35.73 -1.03 0.00	47.44 -1.31 0.00	61.19 -1.69 0.00	58.97 -1.76 0.00	47.52 -1.37 0.00	46.48 -1.44 0.00	46.04 -1.42 0.00	44.17 -1.41 0.00	44.32 -1.37 0.00	42.37 -1.36 0.00	42.35 -1.36 0.00	47.65 -1.52 0.00	60.55 -1.81 0.00	75.57 -2.09 0.00	69.58 -1.93 0.00	51.85 -1.55 0.00	43.15 -1.29 0.00	38.00 -1.09 0.00	36.35 -1.01 0.00
SITHE_IND_GS4 24172	36.13 -1.00 0.00	34.24 -0.95 0.00	32.63 -0.90 0.00	32.51 -0.90 0.00	32.92 -0.91 0.00	35.73 -1.03 0.00	47.44 -1.31 0.00	61.19 -1.69 0.00	58.97 -1.76 0.00	47.52 -1.37 0.00	46.48 -1.44 0.00	46.04 -1.42 0.00	44.17 -1.41 0.00	44.32 -1.37 0.00	42.37 -1.36 0.00	42.35 -1.36 0.00	47.65 -1.52 0.00	60.55 -1.81 0.00	75.57 -2.09 0.00	69.58 -1.93 0.00	51.85 -1.55 0.00	43.15 -1.29 0.00	38.00 -1.09 0.00	36.35 -1.01 0.00

SITHE___BATAVIA 24024	37.76 0.63 0.00	36.17 0.98 0.00	34.60 1.07 0.00	34.41 1.00 0.00	34.74 0.91 0.00	37.45 0.70 0.00	49.14 0.39 0.00	62.95 0.06 0.00	60.50 -0.24 0.00	49.48 0.59 0.00	47.58 -0.33 0.00	47.18 -0.28 0.00	44.85 -0.73 0.00	45.14 -0.55 0.00	43.03 -0.70 0.00	42.87 -0.83 0.00	48.14 -1.04 0.00	61.74 -0.62 0.00	77.28 -0.39 0.00	71.43 -0.07 0.00	52.49 -0.91 0.00	43.69 -0.76 0.00	38.78 -0.31 0.00	37.81 0.45 0.00
SITHE___INDEPEND 23800	36.12 -1.00 0.00	34.24 -0.95 0.00	32.63 -0.91 0.00	32.51 -0.90 0.00	32.88 -0.95 0.00	35.73 -1.03 0.00	47.44 -1.32 0.00	61.19 -1.70 0.00	58.98 -1.76 0.00	47.52 -1.37 0.00	46.48 -1.44 0.00	46.04 -1.42 0.00	44.17 -1.41 0.00	44.32 -1.37 0.00	42.37 -1.36 0.00	42.35 -1.35 0.00	47.65 -1.52 0.00	60.55 -1.81 0.00	75.57 -2.10 0.00	69.57 -1.93 0.00	51.80 -1.60 0.00	43.11 -1.33 0.00	37.96 -1.13 0.00	36.35 -1.01 0.00
SITHE___MASSENA 23902	37.68 0.56 0.00	35.75 0.56 0.00	34.07 0.53 0.00	33.91 0.50 0.00	34.30 0.47 0.00	37.49 0.73 0.00	62.86 0.88 -13.23	85.23 1.07 -21.28	74.91 0.97 -13.20	49.77 0.73 -0.14	57.59 0.76 -8.91	57.13 0.76 -8.91	46.46 0.73 -0.14	46.33 0.64 0.00	44.43 0.70 0.00	44.40 0.70 0.00	49.92 0.74 0.00	63.23 0.87 0.00	78.52 0.86 0.00	72.22 0.71 0.00	67.40 0.64 -13.36	44.84 0.40 0.00	39.57 0.47 0.00	37.74 0.37 0.00
SITHE___OGDNSBRG 24021	38.28 1.15 0.00	36.31 1.13 0.00	34.60 1.07 0.00	34.38 0.97 0.00	34.85 1.01 0.00	38.12 1.36 0.00	60.60 2.00 -9.84	81.29 2.58 -15.83	72.75 2.19 -9.82	50.32 1.32 -0.11	55.79 1.25 -6.63	55.23 1.14 -6.63	46.79 1.09 -0.11	46.65 0.96 0.00	44.73 1.01 0.00	44.79 1.09 0.00	50.36 1.18 0.00	63.92 1.56 0.00	79.60 1.94 0.00	73.58 2.07 0.00	64.90 1.71 -9.79	45.73 1.29 0.00	40.19 1.09 0.00	38.37 1.01 0.00
SITHE___STERLING 23777	37.87 0.74 0.00	35.93 0.74 0.00	34.24 0.71 0.00	34.08 0.67 0.00	34.54 0.71 0.00	37.60 0.85 0.00	50.67 1.46 -0.45	65.75 2.14 -0.72	63.15 1.94 -0.47	50.12 1.22 -0.01	49.24 1.01 -0.31	48.58 0.81 -0.31	46.41 0.82 -0.01	46.51 0.82 0.00	44.38 0.66 0.00	44.44 0.74 0.00	50.16 0.98 0.00	63.92 1.56 0.00	80.07 2.41 0.00	73.94 2.43 0.00	55.42 1.55 -0.47	45.64 1.20 0.00	39.95 0.86 0.00	38.26 0.90 0.00
SLEIGHT__34_KV_TB1 80719	36.87 -0.26 0.00	35.05 -0.14 0.00	33.40 -0.13 0.00	33.24 -0.17 0.00	33.53 -0.30 0.00	36.54 -0.22 0.00	48.61 -0.15 0.00	62.57 -0.31 0.00	60.13 -0.61 0.00	48.60 -0.29 0.00	47.29 -0.62 0.00	46.80 -0.66 0.00	44.86 -0.73 0.00	45.00 -0.69 0.00	42.94 -0.79 0.00	42.92 -0.79 0.00	48.34 -0.84 0.00	61.74 -0.62 0.00	77.20 -0.47 0.00	71.22 -0.29 0.00	52.60 -0.80 0.00	43.78 -0.67 0.00	38.55 -0.55 0.00	37.10 -0.26 0.00
SMITHTWN_69_KV_BK 1 55830	38.35 1.23 0.00	35.96 0.77 0.00	34.44 0.91 0.00	34.58 1.17 0.00	35.22 1.39 0.00	38.78 2.02 0.00	49.29 0.54 0.00	63.70 0.82 0.00	61.77 1.03 0.00	49.77 0.93 0.05	50.12 2.20 0.00	49.50 2.04 0.00	47.45 1.87 0.00	47.20 1.51 0.00	45.39 1.66 0.00	45.45 1.75 0.00	50.68 1.52 0.02	61.88 0.81 1.29	69.45 0.93 9.14	72.43 0.93 0.01	54.89 1.50 0.00	45.64 1.20 0.00	40.34 1.25 0.00	38.48 1.12 0.00
SOUTH CAIRO___GT 23612	37.65 0.52 0.00	35.64 0.46 0.00	33.93 0.40 0.00	33.88 0.47 0.00	34.34 0.51 0.00	37.53 0.77 0.00	50.51 1.76 0.00	65.15 2.26 0.00	63.08 2.37 0.02	49.58 0.68 0.00	48.28 0.38 0.02	47.87 0.43 0.02	-17.27 0.55 63.41	-17.27 0.59 63.55	-16.56 0.66 60.94	44.29 0.61 0.02	49.92 0.74 0.00	63.80 1.43 0.00	79.84 2.17 0.00	73.15 1.64 0.00	54.68 1.28 0.00	45.47 1.02 0.00	40.07 0.98 0.00	38.22 0.86 0.00
SOUTH HAMPTN___IC 23720	38.02 0.89 0.00	35.61 0.42 0.00	34.13 0.60 0.00	34.21 0.80 0.00	34.68 0.85 0.00	38.37 1.62 0.00	48.76 0.00 0.00	63.01 0.13 0.00	61.10 0.37 0.00	49.20 0.34 0.04	49.78 1.87 0.00	49.12 1.66 0.00	47.14 1.55 0.00	46.92 1.23 0.00	45.17 1.44 0.00	45.23 1.53 0.00	50.25 1.08 0.01	62.00 0.38 0.74	72.78 0.39 5.27	72.07 0.57 0.01	54.41 1.01 0.00	45.33 0.89 0.00	39.92 0.82 0.00	38.22 0.86 0.00
SOUTHDOW_115KV_TB1 355954	38.20 1.08 0.00	36.59 1.41 0.00	35.04 1.51 0.00	34.92 1.50 0.00	34.98 1.15 0.00	38.04 1.29 0.00	50.32 1.56 0.00	66.66 3.77 0.00	62.99 2.25 0.00	52.07 3.18 0.00	48.40 0.48 0.00	47.99 0.52 0.00	45.90 0.32 0.00	46.28 0.59 0.00	44.08 0.35 0.00	43.70 0.00 0.00	49.13 -0.05 0.00	63.11 0.75 0.00	78.98 1.32 0.00	73.22 1.72 0.00	53.03 -0.37 0.00	44.13 -0.31 0.00	39.17 0.08 0.00	38.07 0.71 0.00
SOUTHOLD_69_KV_BK 2 55809	37.91 0.78 0.00	35.47 0.28 0.00	33.97 0.44 0.00	34.08 0.67 0.00	34.74 0.91 0.00	38.34 1.58 0.00	48.41 -0.34 0.00	62.63 -0.25 0.00	60.74 0.00 0.00	48.85 0.00 0.04	49.74 1.82 0.00	48.98 1.52 0.00	46.95 1.37 0.00	46.79 1.10 0.00	45.04 1.31 0.00	45.14 1.44 0.00	49.96 0.79 0.01	61.68 0.06 0.74	72.38 0.00 5.28	71.71 0.21 0.01	54.15 0.75 0.00	45.07 0.62 0.00	39.84 0.74 0.00	38.33 0.97 0.00
SOUTHOLD___IC 23719	37.91 0.78 0.00	35.47 0.28 0.00	34.00 0.47 0.00	34.08 0.67 0.00	34.54 0.71 0.00	38.27 1.51 0.00	48.42 -0.34 0.00	62.63 -0.25 0.00	60.74 0.00 0.00	48.85 0.00 0.04	49.74 1.82 0.00	48.98 1.52 0.00	46.95 1.37 0.00	46.78 1.09 0.00	45.04 1.31 0.00	45.14 1.44 0.00	49.91 0.74 0.01	61.68 0.06 0.74	72.38 0.00 5.28	71.78 0.29 0.01	54.15 0.75 0.00	45.11 0.67 0.00	39.72 0.62 0.00	38.22 0.86 0.00
SOUTH_FORK_WT_PWR 323839	37.50 0.37 0.00	35.12 -0.07 0.00	33.67 0.13 0.00	33.71 0.30 0.00	34.20 0.37 0.00	37.86 1.10 0.00	47.73 -1.03 0.00	61.75 -1.13 0.00	59.89 -0.85 0.00	48.12 -0.73 0.04	49.16 1.24 0.00	48.41 0.95 0.00	46.41 0.82 0.00	46.24 0.55 0.00	44.51 0.79 0.00	44.62 0.92 0.00	49.22 0.05 0.01	60.75 -0.87 0.74	71.23 -1.16 5.27	70.71 -0.78 0.01	53.40 0.00 0.00	44.49 0.04 0.00	39.21 0.12 0.00	37.92 0.56 0.00
SPIERFLS_115KV_TB 1 80737	37.91 0.78 0.00	35.89 0.70 0.00	34.17 0.64 0.00	34.08 0.67 0.00	34.57 0.74 0.00	37.57 0.81 0.00	50.27 1.51 0.00	64.96 2.08 0.00	62.62 1.88 0.00	50.07 1.17 0.00	49.16 1.25 0.00	48.46 1.00 0.00	46.31 0.73 0.00	46.51 0.82 0.00	44.51 0.79 0.00	44.45 0.74 0.00	50.26 1.08 0.00	63.86 1.50 0.00	79.68 2.02 0.00	73.08 1.57 0.00	54.79 1.39 0.00	45.42 0.98 0.00	39.88 0.78 0.00	38.03 0.67 0.00
ST LAWRENCE____ 23600	37.31 0.19 0.00	35.36 0.18 0.00	33.70 0.17 0.00	33.58 0.17 0.00	34.00 0.17 0.00	36.94 0.18 0.00	48.03 0.20 0.92	61.62 0.13 1.39	59.95 0.12 0.91	48.98 0.10 0.01	47.41 0.14 0.65	46.95 0.14 0.65	45.71 0.14 0.01	45.78 0.09 0.00	43.82 0.09 0.00	43.79 0.09 0.00	49.23 0.05 0.00	62.42 0.06 0.00	77.59 -0.08 0.00	71.43 -0.07 0.00	52.55 0.00 0.85	44.36 -0.09 0.00	39.10 0.00 0.00	37.32 -0.04 0.00

STATE_CA_115KV_115_LB 55624	37.16 0.04 0.00	35.19 0.00 0.00	33.53 0.00 0.00	33.45 0.03 0.00	33.86 0.03 0.00	36.79 0.04 0.00	48.90 0.15 0.00	63.07 0.19 0.00	61.16 0.43 0.00	49.19 0.29 0.00	48.30 0.38 0.00	47.84 0.38 0.00	46.00 0.41 0.00	46.19 0.50 0.00	44.30 0.57 0.00	44.23 0.52 0.00	49.77 0.59 0.00	62.99 0.62 0.00	78.36 0.70 0.00	72.01 0.50 0.00	53.99 0.59 0.00	44.93 0.49 0.00	39.49 0.39 0.00	37.62 0.26 0.00
STATE_ST_34_KV_LOAD 55959	37.20 0.07 0.00	35.26 0.07 0.00	33.60 0.07 0.00	33.48 0.07 0.00	33.83 0.00 0.00	36.87 0.11 0.00	49.15 0.39 0.00	63.45 0.57 0.00	60.98 0.24 0.00	49.04 0.15 0.00	47.82 -0.10 0.00	47.32 -0.14 0.00	45.40 -0.18 0.00	45.55 -0.14 0.00	43.47 -0.26 0.00	43.44 -0.26 0.00	49.03 -0.15 0.00	62.61 0.25 0.00	78.44 0.78 0.00	72.36 0.86 0.00	53.67 0.27 0.00	44.53 0.09 0.00	39.13 0.04 0.00	37.51 0.15 0.00
STATION_5_MISC_HYD 23604	37.28 0.15 0.00	35.54 0.35 0.00	33.90 0.37 0.00	33.71 0.30 0.00	34.10 0.27 0.00	36.91 0.15 0.00	48.76 0.00 0.00	62.63 -0.25 0.00	60.13 -0.61 0.00	48.94 0.05 0.00	47.44 -0.48 0.00	47.04 -0.43 0.00	45.04 -0.54 0.00	45.23 -0.46 0.00	43.16 -0.57 0.00	43.13 -0.57 0.00	48.49 -0.69 0.00	61.86 -0.50 0.00	77.28 -0.39 0.00	71.29 -0.21 0.00	52.76 -0.64 0.00	43.91 -0.53 0.00	38.78 -0.31 0.00	37.47 0.11 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	37.16 0.04 0.00	35.33 0.14 0.00	33.66 0.13 0.00	33.51 0.10 0.00	33.83 0.00 0.00	36.83 0.07 0.00	48.95 0.20 0.00	62.95 0.06 0.00	60.43 -0.30 0.00	48.89 0.00 0.00	47.53 -0.38 0.00	47.08 -0.38 0.00	45.08 -0.50 0.00	45.28 -0.41 0.00	43.20 -0.52 0.00	43.18 -0.52 0.00	48.64 -0.54 0.00	62.18 -0.19 0.00	77.74 0.08 0.00	71.79 0.29 0.00	52.97 -0.43 0.00	44.09 -0.36 0.00	38.82 -0.27 0.00	37.40 0.04 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	37.02 -0.11 0.00	35.26 0.07 0.00	33.63 0.10 0.00	33.45 0.03 0.00	33.70 -0.14 0.00	36.65 -0.11 0.00	48.51 -0.24 0.00	62.26 -0.63 0.00	59.83 -0.91 0.00	48.60 -0.29 0.00	47.15 -0.77 0.00	46.80 -0.66 0.00	44.76 -0.82 0.00	44.96 -0.73 0.00	42.94 -0.79 0.00	42.87 -0.83 0.00	48.20 -0.98 0.00	61.55 -0.81 0.00	76.81 -0.85 0.00	70.93 -0.57 0.00	52.28 -1.12 0.00	43.56 -0.89 0.00	38.47 -0.63 0.00	37.21 -0.15 0.00
STA_56___34_KV_BUS2 355983	37.02 -0.11 0.00	35.26 0.07 0.00	33.63 0.10 0.00	33.45 0.03 0.00	33.70 -0.14 0.00	36.65 -0.11 0.00	48.51 -0.24 0.00	62.26 -0.63 0.00	59.83 -0.91 0.00	48.60 -0.29 0.00	47.15 -0.77 0.00	46.80 -0.66 0.00	44.76 -0.82 0.00	44.96 -0.73 0.00	42.94 -0.79 0.00	42.87 -0.83 0.00	48.20 -0.98 0.00	61.55 -0.81 0.00	76.81 -0.85 0.00	70.93 -0.57 0.00	52.28 -1.12 0.00	43.56 -0.89 0.00	38.47 -0.63 0.00	37.21 -0.15 0.00
STA_67___115KV_BK2 355882	37.20 0.07 0.00	35.47 0.28 0.00	33.83 0.30 0.00	33.65 0.23 0.00	33.86 0.03 0.00	36.83 0.07 0.00	48.71 -0.05 0.00	62.51 -0.38 0.00	60.01 -0.73 0.00	48.80 -0.10 0.00	47.34 -0.57 0.00	46.94 -0.52 0.00	44.95 -0.64 0.00	45.14 -0.55 0.00	43.07 -0.66 0.00	43.05 -0.66 0.00	48.34 -0.84 0.00	61.74 -0.62 0.00	77.04 -0.62 0.00	71.15 -0.36 0.00	52.44 -0.96 0.00	43.73 -0.71 0.00	38.63 -0.47 0.00	37.40 0.04 0.00
STA_7___115KV_9TRANS 80674	37.42 0.30 0.00	35.64 0.46 0.00	34.00 0.47 0.00	33.81 0.40 0.00	34.07 0.24 0.00	37.05 0.29 0.00	49.05 0.29 0.00	62.88 0.00 0.00	60.37 -0.36 0.00	49.14 0.24 0.00	47.63 -0.29 0.00	47.27 -0.19 0.00	45.22 -0.36 0.00	45.46 -0.23 0.00	43.38 -0.35 0.00	43.31 -0.39 0.00	48.69 -0.49 0.00	62.18 -0.19 0.00	77.58 -0.08 0.00	71.65 0.14 0.00	52.81 -0.59 0.00	44.04 -0.40 0.00	38.90 -0.20 0.00	37.62 0.26 0.00
STA_82___115KV_TB1 80780	37.24 0.11 0.00	35.47 0.28 0.00	33.83 0.30 0.00	33.68 0.27 0.00	33.90 0.07 0.00	36.87 0.11 0.00	48.71 -0.05 0.00	62.51 -0.38 0.00	60.01 -0.73 0.00	48.84 -0.05 0.00	47.34 -0.57 0.00	46.94 -0.52 0.00	44.95 -0.64 0.00	45.14 -0.55 0.00	43.12 -0.61 0.00	43.05 -0.66 0.00	48.39 -0.79 0.00	61.74 -0.62 0.00	77.12 -0.54 0.00	71.22 -0.29 0.00	52.44 -0.96 0.00	43.73 -0.71 0.00	38.63 -0.47 0.00	37.40 0.04 0.00
STEEL___WIND 323596	37.46 0.33 0.00	35.93 0.74 0.00	34.44 0.91 0.00	34.25 0.84 0.00	34.57 0.74 0.00	37.16 0.41 0.00	48.51 -0.24 0.00	62.07 -0.82 0.00	59.04 -1.70 0.00	48.70 -0.19 0.00	46.82 -1.10 0.00	46.37 -1.09 0.00	44.49 -1.09 0.00	44.82 -0.87 0.00	42.72 -1.00 0.00	42.43 -1.27 0.00	47.56 -1.62 0.00	60.86 -1.50 0.00	76.03 -1.63 0.00	70.29 -1.22 0.00	51.53 -1.87 0.00	42.85 -1.60 0.00	38.20 -0.90 0.00	37.32 -0.04 0.00
STEPHTWN_115KV_BK_2 55603	37.28 0.15 0.00	35.26 0.07 0.00	33.63 0.10 0.00	33.55 0.13 0.00	33.97 0.14 0.00	36.90 0.15 0.00	49.10 0.34 0.00	63.32 0.44 0.00	61.41 0.67 0.00	49.33 0.44 0.00	48.49 0.57 0.00	47.99 0.52 0.00	46.09 0.50 0.00	46.28 0.59 0.00	44.38 0.66 0.00	44.31 0.61 0.00	49.97 0.79 0.00	63.24 0.87 0.00	78.75 1.09 0.00	72.29 0.79 0.00	54.25 0.85 0.00	45.07 0.62 0.00	39.64 0.55 0.00	37.77 0.41 0.00
STEUBEN_REC_LFGE 323667	37.98 0.85 0.00	36.24 1.06 0.00	34.57 1.04 0.00	34.41 1.00 0.00	34.57 0.74 0.00	37.60 0.85 0.00	49.93 1.17 0.00	64.02 1.13 0.00	60.80 0.06 0.00	49.24 0.34 0.00	47.53 -0.38 0.00	46.99 -0.47 0.00	45.04 -0.55 0.00	45.28 -0.41 0.00	43.16 -0.57 0.00	42.96 -0.74 0.00	48.44 -0.74 0.00	62.42 0.06 0.00	78.52 0.85 0.00	72.58 1.07 0.00	53.03 -0.37 0.00	43.87 -0.58 0.00	38.70 -0.39 0.00	37.47 0.11 0.00
STILLWATER___SOLAR 323814	38.17 1.04 0.00	36.14 0.95 0.00	34.40 0.87 0.00	34.31 0.90 0.00	34.74 0.91 0.00	37.82 1.07 0.00	50.41 1.66 0.00	65.08 2.20 0.00	62.92 2.18 0.00	50.46 1.56 0.00	49.50 1.58 0.00	48.89 1.42 0.00	46.82 1.23 0.00	46.97 1.28 0.00	45.00 1.27 0.00	44.97 1.27 0.00	50.75 1.57 0.00	64.36 2.00 0.00	80.22 2.56 0.00	73.65 2.14 0.00	55.22 1.82 0.00	45.91 1.46 0.00	40.27 1.17 0.00	38.45 1.08 0.00
STONY___BROOK 24151	38.28 1.15 0.00	35.93 0.74 0.00	34.40 0.87 0.00	34.51 1.10 0.00	34.98 1.15 0.00	38.67 1.91 0.00	49.19 0.44 0.00	63.51 0.63 0.00	61.59 0.85 0.00	49.63 0.78 0.05	49.98 2.06 0.00	49.31 1.85 0.00	47.32 1.73 0.00	47.11 1.42 0.00	45.30 1.57 0.00	45.32 1.62 0.00	50.54 1.38 0.02	61.84 0.50 1.01	71.02 0.55 7.19	72.14 0.64 0.01	54.73 1.34 0.00	45.60 1.15 0.00	40.19 1.09 0.00	38.41 1.04 0.00
STURGEON_POOL_HYD 23609	38.43 1.30 0.00	36.38 1.20 0.00	34.60 1.07 0.00	34.51 1.10 0.00	35.05 1.22 0.00	38.04 1.29 0.00	50.41 1.66 0.00	65.46 2.58 0.00	63.47 2.73 0.00	50.80 1.91 0.00	49.88 1.96 0.00	49.64 2.18 0.00	33.75 2.19 14.03	33.82 2.19 14.06	32.43 2.19 13.48	45.84 2.14 0.00	51.54 2.36 0.00	65.29 2.93 0.00	81.39 3.73 0.00	74.79 3.29 0.00	55.86 2.46 0.00	46.58 2.13 0.00	40.85 1.76 0.00	38.89 1.53 0.00

ST_LAW_115_BK7_LBMP 345037	37.31 0.19 0.00	35.36 0.18 0.00	33.73 0.20 0.00	33.58 0.17 0.00	34.00 0.17 0.00	36.98 0.22 0.00	47.63 0.25 1.37	60.94 0.25 2.20	59.62 0.24 1.36	48.98 0.10 0.01	47.19 0.19 0.92	46.73 0.19 0.92	45.75 0.18 0.01	45.78 0.09 0.00	43.90 0.18 0.00	43.83 0.13 0.00	49.28 0.10 0.00	62.49 0.12 0.00	77.59 -0.08 0.00	71.43 -0.07 0.00	52.27 0.00 1.13	44.36 -0.09 0.00	39.13 0.04 0.00	37.32 -0.04 0.00
ST_LAW_115_BK8_LBMP 345038	37.31 0.19 0.00	35.36 0.18 0.00	33.73 0.20 0.00	33.58 0.17 0.00	34.00 0.17 0.00	36.98 0.22 0.00	47.63 0.25 1.37	60.94 0.25 2.20	59.62 0.24 1.36	48.98 0.10 0.01	47.19 0.19 0.92	46.73 0.19 0.92	45.75 0.18 0.01	45.78 0.09 0.00	43.90 0.18 0.00	43.83 0.13 0.00	49.28 0.10 0.00	62.49 0.12 0.00	77.59 -0.08 0.00	71.43 -0.07 0.00	52.27 0.00 1.13	44.36 -0.09 0.00	39.13 0.04 0.00	37.32 -0.04 0.00
ST_LAW_230_BK5_LBMP 345035	37.31 0.19 0.00	35.36 0.18 0.00	33.70 0.17 0.00	33.58 0.17 0.00	34.00 0.17 0.00	36.94 0.18 0.00	48.33 0.20 0.63	62.00 0.13 1.01	60.24 0.12 0.62	48.98 0.10 0.01	47.64 0.14 0.42	47.19 0.14 0.42	45.72 0.14 0.01	45.78 0.09 0.00	43.82 0.09 0.00	43.79 0.09 0.00	49.23 0.05 0.00	62.42 0.06 0.00	77.59 -0.08 0.00	71.43 -0.07 0.00	52.77 0.00 0.63	44.36 -0.09 0.00	39.10 0.00 0.00	37.32 -0.04 0.00
ST_LAW_230_BK6_LBMP 345036	37.31 0.19 0.00	35.36 0.18 0.00	33.70 0.17 0.00	33.58 0.17 0.00	34.00 0.17 0.00	36.94 0.18 0.00	48.33 0.20 0.63	62.00 0.13 1.01	60.24 0.12 0.62	48.98 0.10 0.01	47.64 0.14 0.42	47.19 0.14 0.42	45.72 0.14 0.01	45.78 0.09 0.00	43.82 0.09 0.00	43.79 0.09 0.00	49.23 0.05 0.00	62.42 0.06 0.00	77.59 -0.08 0.00	71.43 -0.07 0.00	52.77 0.00 0.63	44.36 -0.09 0.00	39.10 0.00 0.00	37.32 -0.04 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	38.32 1.19 0.00	36.31 1.13 0.00	34.54 1.01 0.00	34.45 1.04 0.00	34.98 1.15 0.00	37.97 1.21 0.00	50.27 1.51 0.00	65.27 2.39 0.00	63.11 2.37 0.00	50.75 1.86 0.00	49.83 1.92 0.00	49.60 2.14 0.00	47.59 2.01 0.00	47.70 2.01 0.00	45.78 2.06 0.00	45.76 2.05 0.00	51.54 2.36 0.00	65.29 2.93 0.00	81.39 3.73 0.00	74.87 3.36 0.00	55.91 2.51 0.00	46.53 2.09 0.00	40.78 1.68 0.00	38.86 1.49 0.00
SWANROAD_115KV_TB1 355699	36.68 -0.45 0.00	35.19 0.00 0.00	33.77 0.23 0.00	33.61 0.20 0.00	33.59 -0.24 0.00	36.28 -0.48 0.00	47.24 -1.51 0.00	60.05 -2.83 0.00	57.15 -3.58 0.00	47.23 -1.66 0.00	45.47 -2.44 0.00	45.04 -2.42 0.00	43.26 -2.32 0.00	43.59 -2.10 0.00	41.54 -2.19 0.00	41.25 -2.45 0.00	46.13 -3.05 0.00	58.87 -3.49 0.00	73.47 -4.19 0.00	67.93 -3.58 0.00	49.50 -3.90 0.00	41.47 -2.98 0.00	37.10 -1.99 0.00	36.54 -0.82 0.00
SYNERGY___BIOGAS 323694	37.76 0.63 0.00	36.17 0.99 0.00	34.60 1.07 0.00	34.41 1.00 0.00	34.47 0.64 0.00	37.42 0.66 0.00	49.24 0.49 0.00	62.88 0.00 0.00	60.50 -0.24 0.00	49.48 0.59 0.00	47.58 -0.34 0.00	47.18 -0.28 0.00	44.86 -0.73 0.00	45.14 -0.55 0.00	43.03 -0.70 0.00	42.87 -0.83 0.00	48.15 -1.03 0.00	61.74 -0.62 0.00	77.27 -0.39 0.00	71.50 0.00 0.00	52.12 -1.28 0.00	43.56 -0.89 0.00	38.66 -0.43 0.00	37.81 0.45 0.00
SYRACUSE___ENERGY_ST1 323597	36.94 -0.19 0.00	35.01 -0.18 0.00	33.33 -0.20 0.00	33.21 -0.20 0.00	33.59 -0.24 0.00	36.54 -0.22 0.00	48.85 -0.10 -0.19	63.07 -0.13 -0.31	60.62 -0.30 -0.19	48.65 -0.24 0.00	47.71 -0.34 -0.13	47.16 -0.43 -0.13	45.18 -0.41 0.00	45.28 -0.41 0.00	43.29 -0.44 0.00	43.27 -0.44 0.00	48.74 -0.44 0.00	62.05 -0.31 0.00	77.58 -0.08 0.00	71.50 0.00 0.00	53.32 -0.27 -0.19	44.18 -0.27 0.00	38.90 -0.20 0.00	37.21 -0.15 0.00
SYRACUSE___ENERGY_ST2 323598	36.94 -0.19 0.00	35.01 -0.18 0.00	33.33 -0.20 0.00	33.21 -0.20 0.00	33.59 -0.24 0.00	36.54 -0.22 0.00	48.85 -0.10 -0.19	63.07 -0.13 -0.31	60.62 -0.30 -0.19	48.65 -0.24 0.00	47.71 -0.34 -0.13	47.16 -0.43 -0.13	45.18 -0.41 0.00	45.28 -0.41 0.00	43.29 -0.44 0.00	43.27 -0.44 0.00	48.74 -0.44 0.00	62.05 -0.31 0.00	77.58 -0.08 0.00	71.50 0.00 0.00	53.32 -0.27 -0.19	44.18 -0.27 0.00	38.90 -0.20 0.00	37.21 -0.15 0.00
SYRACUSE___POWER 24017	36.87 -0.26 0.00	34.94 -0.25 0.00	33.30 -0.23 0.00	33.18 -0.23 0.00	33.56 -0.27 0.00	36.50 -0.26 0.00	48.76 -0.20 -0.20	62.96 -0.25 -0.33	60.51 -0.43 -0.20	48.55 -0.34 0.00	47.62 -0.43 -0.13	47.12 -0.47 -0.13	45.09 -0.50 0.00	45.23 -0.46 0.00	43.20 -0.52 0.00	43.18 -0.52 0.00	48.69 -0.49 0.00	61.99 -0.37 0.00	77.43 -0.23 0.00	71.36 -0.14 0.00	53.28 -0.32 -0.20	44.09 -0.36 0.00	38.82 -0.27 0.00	37.18 -0.19 0.00
TALLMAN__138KV_BK151 55660	38.39 1.26 0.00	36.35 1.16 0.00	34.57 1.04 0.00	34.51 1.10 0.00	35.01 1.18 0.00	38.01 1.25 0.00	50.27 1.51 0.00	65.34 2.45 0.00	63.23 2.49 0.00	50.85 1.96 0.00	50.02 2.11 0.00	49.79 2.33 0.00	47.82 2.23 0.00	47.93 2.24 0.00	46.00 2.27 0.00	45.93 2.23 0.00	51.74 2.56 0.00	65.42 3.06 0.00	81.55 3.88 0.00	75.01 3.50 0.00	56.02 2.62 0.00	46.62 2.18 0.00	40.89 1.80 0.00	38.93 1.57 0.00
TEALLAVE_115KV_TB7 355573	36.76 -0.37 0.00	34.83 -0.35 0.00	33.20 -0.34 0.00	33.08 -0.33 0.00	33.46 -0.37 0.00	36.39 -0.37 0.00	48.60 -0.39 -0.23	62.75 -0.50 -0.37	60.35 -0.61 -0.22	48.41 -0.49 0.00	47.49 -0.57 -0.15	47.00 -0.62 -0.15	44.95 -0.64 0.00	45.10 -0.59 0.00	43.07 -0.66 0.00	43.05 -0.66 0.00	48.49 -0.69 0.00	61.74 -0.62 0.00	77.04 -0.62 0.00	71.00 -0.50 0.00	53.03 -0.59 -0.22	43.91 -0.53 0.00	38.66 -0.43 0.00	37.06 -0.30 0.00
TELGRAPH_34_KV_EAST 80808	37.35 0.22 0.00	35.78 0.60 0.00	34.27 0.74 0.00	34.11 0.70 0.00	34.14 0.30 0.00	36.98 0.22 0.00	48.41 -0.34 0.00	61.75 -1.13 0.00	58.92 -1.82 0.00	48.45 -0.44 0.00	46.62 -1.29 0.00	46.18 -1.28 0.00	44.26 -1.32 0.00	44.55 -1.14 0.00	42.46 -1.27 0.00	42.26 -1.44 0.00	47.36 -1.82 0.00	60.55 -1.81 0.00	75.64 -2.02 0.00	69.93 -1.57 0.00	51.05 -2.35 0.00	42.67 -1.78 0.00	38.00 -1.09 0.00	37.29 -0.07 0.00
TEMPLE___115KV_TB 2 55572	36.79 -0.33 0.00	34.83 -0.35 0.00	33.20 -0.34 0.00	33.08 -0.33 0.00	33.46 -0.37 0.00	36.39 -0.37 0.00	48.59 -0.39 -0.22	62.81 -0.44 -0.36	60.35 -0.61 -0.22	48.46 -0.44 0.00	47.49 -0.57 -0.15	46.99 -0.62 -0.15	45.00 -0.59 0.00	45.10 -0.59 0.00	43.12 -0.61 0.00	43.09 -0.61 0.00	48.54 -0.64 0.00	61.74 -0.62 0.00	77.12 -0.54 0.00	71.08 -0.43 0.00	53.03 -0.59 -0.22	43.91 -0.53 0.00	38.70 -0.39 0.00	37.06 -0.30 0.00
TIANA____69_KV_BK 1 55817	38.06 0.93 0.00	35.64 0.46 0.00	34.13 0.60 0.00	34.25 0.84 0.00	34.91 1.08 0.00	38.49 1.73 0.00	48.85 0.10 0.00	63.14 0.25 0.00	61.22 0.49 0.00	49.29 0.44 0.04	49.83 1.92 0.00	49.17 1.71 0.00	47.18 1.60 0.00	46.97 1.28 0.00	45.21 1.49 0.00	45.27 1.57 0.00	50.40 1.23 0.01	62.18 0.56 0.74	73.01 0.62 5.28	72.21 0.72 0.01	54.52 1.12 0.00	45.38 0.93 0.00	40.15 1.06 0.00	38.33 0.97 0.00

TILDEN___115KV_TB1 80814	36.87 -0.26 0.00	34.94 -0.25 0.00	33.30 -0.23 0.00	33.18 -0.23 0.00	33.56 -0.27 0.00	36.50 -0.26 0.00	48.76 -0.20 -0.20	62.96 -0.25 -0.33	60.51 -0.43 -0.20	48.55 -0.34 0.00	47.62 -0.43 -0.13	47.12 -0.47 -0.13	45.09 -0.50 0.00	45.23 -0.46 0.00	43.20 -0.52 0.00	43.18 -0.52 0.00	48.69 -0.49 0.00	61.99 -0.37 0.00	77.43 -0.23 0.00	71.36 -0.14 0.00	53.28 -0.32 -0.20	44.09 -0.36 0.00	38.82 -0.27 0.00	37.18 -0.19 0.00
TRIGEN___CC 323695	38.24 1.11 0.00	36.03 0.84 0.00	34.50 0.97 0.00	34.61 1.20 0.00	35.22 1.39 0.00	38.60 1.84 0.00	49.97 1.22 0.00	64.83 1.95 0.00	62.86 2.13 0.00	50.65 1.76 0.00	50.60 2.68 0.00	50.12 2.66 0.00	48.05 2.46 0.00	47.97 2.28 0.00	46.13 2.41 0.00	46.11 2.40 0.00	51.59 2.41 0.00	64.45 2.31 0.22	79.00 2.87 1.53	74.00 2.50 0.01	55.75 2.35 0.00	46.40 1.96 0.00	40.70 1.60 0.00	38.74 1.38 0.00
TRINITY___115KV___4 BK 55933	37.05 -0.07 0.00	35.08 -0.11 0.00	33.43 -0.10 0.00	33.34 -0.07 0.00	33.80 -0.03 0.00	36.68 -0.07 0.00	48.71 -0.05 0.00	62.76 -0.13 0.00	60.92 0.18 0.00	48.99 0.10 0.00	48.11 0.19 0.00	47.65 0.19 0.00	45.86 0.27 0.00	46.10 0.41 0.00	44.21 0.48 0.00	44.14 0.44 0.00	49.67 0.49 0.00	62.80 0.44 0.00	78.13 0.47 0.00	71.79 0.29 0.00	53.88 0.48 0.00	44.84 0.40 0.00	39.41 0.31 0.00	37.59 0.22 0.00
UNION___PROCESSING_DRP 323587	37.24 0.11 0.00	35.47 0.28 0.00	33.83 0.30 0.00	33.68 0.27 0.00	33.90 0.07 0.00	36.87 0.11 0.00	48.76 0.00 0.00	62.51 -0.38 0.00	60.07 -0.67 0.00	48.84 -0.05 0.00	47.34 -0.57 0.00	46.99 -0.47 0.00	44.95 -0.64 0.00	45.19 -0.50 0.00	43.12 -0.61 0.00	43.05 -0.66 0.00	48.39 -0.79 0.00	61.80 -0.56 0.00	77.12 -0.54 0.00	71.22 -0.29 0.00	52.44 -0.96 0.00	43.73 -0.71 0.00	38.66 -0.43 0.00	37.40 0.04 0.00
UPPER HUDSON___HYD 24058	37.91 0.78 0.00	35.89 0.70 0.00	34.17 0.64 0.00	34.08 0.67 0.00	34.54 0.71 0.00	37.57 0.81 0.00	50.27 1.51 0.00	64.96 2.07 0.00	62.62 1.88 0.00	50.06 1.17 0.00	49.16 1.24 0.00	48.46 1.00 0.00	46.31 0.73 0.00	46.51 0.82 0.00	44.52 0.79 0.00	44.44 0.74 0.00	50.26 1.08 0.00	63.86 1.49 0.00	79.68 2.02 0.00	73.08 1.57 0.00	54.79 1.39 0.00	45.47 1.02 0.00	39.88 0.78 0.00	38.04 0.67 0.00
UPPER RAQUET___HYD 24056	38.02 0.89 0.00	36.10 0.91 0.00	34.40 0.87 0.00	34.18 0.77 0.00	34.64 0.81 0.00	37.82 1.07 0.00	58.06 1.61 -7.69	77.33 2.07 -12.37	70.30 1.88 -7.68	50.15 1.17 -0.08	54.25 1.15 -5.18	53.69 1.04 -5.18	46.67 1.00 -0.08	46.56 0.87 0.00	44.52 0.79 0.00	44.58 0.87 0.00	49.92 0.74 0.00	62.86 0.50 0.00	78.28 0.62 0.00	72.29 0.79 0.00	61.97 0.80 -7.77	45.15 0.71 0.00	39.92 0.82 0.00	38.07 0.71 0.00
VALLEY44_115KV_TB2 355964	37.09 -0.04 0.00	35.50 0.32 0.00	33.93 0.40 0.00	33.81 0.40 0.00	33.93 0.10 0.00	36.79 0.04 0.00	48.46 -0.29 0.00	66.72 3.84 0.00	63.05 2.31 0.00	52.07 3.18 0.00	46.53 -1.39 0.00	46.32 -1.14 0.00	44.35 -1.23 0.00	44.68 -1.01 0.00	42.68 -1.05 0.00	42.35 -1.35 0.00	47.70 -1.48 0.00	61.11 -1.25 0.00	76.65 -1.01 0.00	71.08 -0.43 0.00	51.74 -1.66 0.00	42.98 -1.47 0.00	38.12 -0.98 0.00	37.10 -0.26 0.00
VALLEY___115KV_TB 1-4 80826	38.13 1.00 0.00	36.17 0.99 0.00	34.50 0.97 0.00	34.38 0.97 0.00	34.85 1.01 0.00	37.90 1.14 0.00	50.59 1.66 -0.18	65.31 2.14 -0.29	63.05 2.13 -0.18	50.51 1.61 0.00	49.62 1.58 -0.12	49.11 1.52 -0.12	47.00 1.41 0.00	47.06 1.37 0.00	44.95 1.22 0.00	44.93 1.22 0.00	50.56 1.38 0.00	64.11 1.75 0.00	79.84 2.17 0.00	73.58 2.07 0.00	55.08 1.50 -0.18	45.73 1.29 0.00	40.15 1.06 0.00	38.45 1.08 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	38.32 1.19 0.00	36.35 1.16 0.00	34.70 1.17 0.00	34.51 1.10 0.00	35.01 1.18 0.00	38.01 1.25 0.00	50.61 1.85 0.00	65.59 2.70 0.00	63.29 2.55 0.00	50.70 1.81 0.00	49.64 1.72 0.00	49.08 1.61 0.00	47.14 1.55 0.00	47.20 1.51 0.00	45.13 1.40 0.00	45.14 1.44 0.00	50.95 1.77 0.00	64.86 2.49 0.00	81.00 3.34 0.00	74.65 3.15 0.00	55.59 2.19 0.00	46.27 1.82 0.00	40.50 1.41 0.00	38.78 1.42 0.00
VISCHER___FERRY HYD 24020	37.87 0.74 0.00	35.85 0.67 0.00	34.07 0.53 0.00	33.98 0.57 0.00	34.41 0.57 0.00	37.45 0.70 0.00	49.83 1.07 0.00	64.27 1.38 0.00	62.31 1.58 0.00	50.16 1.27 0.00	49.26 1.34 0.00	48.75 1.28 0.00	46.82 1.23 0.00	46.97 1.28 0.00	45.00 1.27 0.00	44.97 1.27 0.00	50.65 1.47 0.00	64.05 1.68 0.00	79.68 2.02 0.00	73.22 1.71 0.00	54.95 1.55 0.00	45.73 1.29 0.00	40.15 1.06 0.00	38.33 0.97 0.00
V_A_10_SYNC_DSASP 323832	37.09 -0.04 0.00	35.54 0.35 0.00	34.00 0.47 0.00	33.81 0.40 0.00	33.90 0.07 0.00	36.68 -0.07 0.00	47.83 -0.93 0.00	61.00 -1.89 0.00	58.25 -2.49 0.00	47.92 -0.98 0.00	46.24 -1.68 0.00	45.85 -1.61 0.00	44.04 -1.55 0.00	44.27 -1.42 0.00	42.24 -1.49 0.00	42.04 -1.66 0.00	47.02 -2.16 0.00	59.93 -2.43 0.00	74.79 -2.87 0.00	69.15 -2.36 0.00	50.62 -2.78 0.00	42.31 -2.13 0.00	37.73 -1.37 0.00	37.03 -0.34 0.00
V_CMM_10_SYNC_DSASP 323787	37.46 0.33 0.00	35.54 0.35 0.00	33.87 0.34 0.00	33.71 0.30 0.00	34.14 0.30 0.00	37.13 0.37 0.00	47.87 0.49 1.37	61.25 0.57 2.20	59.92 0.55 1.36	49.27 0.39 0.01	47.43 0.43 0.92	46.97 0.43 0.92	45.98 0.41 0.01	46.06 0.37 0.00	44.08 0.35 0.00	44.05 0.35 0.00	49.47 0.30 0.00	62.74 0.37 0.00	77.90 0.23 0.00	71.79 0.29 0.00	52.41 0.37 1.36	44.62 0.18 0.00	39.33 0.23 0.00	37.51 0.15 0.00
V_CMP_10_SYNC_DSASP 323788	38.43 1.30 0.00	36.49 1.30 0.00	34.77 1.24 0.00	34.61 1.20 0.00	35.08 1.25 0.00	38.12 1.36 0.00	49.44 0.49 -0.20	62.83 -0.38 -0.32	60.64 -0.30 -0.20	48.65 -0.24 0.00	47.86 -0.19 -0.14	47.41 -0.19 -0.14	45.91 0.32 0.00	45.92 0.23 0.00	43.73 0.00 0.00	43.70 0.00 0.00	48.64 -0.54 0.00	61.68 -0.68 0.00	76.27 -1.40 0.00	70.36 -1.15 0.00	52.54 -1.07 -0.20	43.69 -0.76 0.00	39.29 0.20 0.00	37.36 0.00 0.00
V_D_10_SYNC_DSASP 323841	37.68 0.56 0.00	35.75 0.56 0.00	34.07 0.53 0.00	33.91 0.50 0.00	34.30 0.47 0.00	37.49 0.73 0.00	62.92 0.88 -13.28	85.31 1.07 -21.36	74.96 0.97 -13.25	49.77 0.73 -0.15	57.63 0.76 -8.94	57.17 0.76 -8.94	46.46 0.73 -0.15	46.33 0.64 0.00	44.43 0.70 0.00	44.40 0.70 0.00	49.92 0.74 0.00	63.23 0.87 0.00	78.52 0.86 0.00	72.29 0.79 0.00	67.45 0.64 -13.41	44.84 0.40 0.00	39.57 0.47 0.00	37.77 0.41 0.00
V_E_10_SYNC_DSASP 323830	39.24 2.12 0.00	37.26 2.08 0.00	35.54 2.01 0.00	35.28 1.87 0.00	35.83 2.00 0.00	39.04 2.28 0.00	52.51 3.75 0.00	68.17 5.28 0.00	65.42 4.68 0.00	51.88 2.98 0.00	50.26 2.35 0.00	49.41 1.95 0.00	47.41 1.83 0.00	47.47 1.78 0.00	45.17 1.44 0.00	45.32 1.62 0.00	51.44 2.26 0.00	66.23 3.87 0.00	83.49 5.83 0.00	77.37 5.86 0.00	57.19 3.79 0.00	47.38 2.93 0.00	41.24 2.15 0.00	39.68 2.32 0.00

V_F_30_NSYNC___DSASP 323816	38.24 1.11 0.00	36.17 0.98 0.00	34.44 0.91 0.00	34.38 0.97 0.00	34.81 0.98 0.00	37.86 1.10 0.00	50.51 1.75 0.00	65.15 2.26 0.00	62.99 2.25 0.00	50.50 1.61 0.00	49.55 1.63 0.00	48.94 1.47 0.00	46.86 1.27 0.00	47.02 1.33 0.00	45.04 1.31 0.00	45.01 1.31 0.00	50.80 1.62 0.00	64.42 2.05 0.00	80.22 2.56 0.00	73.72 2.22 0.00	55.22 1.82 0.00	45.91 1.46 0.00	40.31 1.21 0.00	38.48 1.12 0.00
V_F_30_SYNC_DSASP 323786	37.16 0.04 0.00	35.19 0.00 0.00	33.53 0.00 0.00	33.45 0.03 0.00	33.86 0.03 0.00	36.79 0.04 0.00	48.90 0.15 0.00	63.07 0.19 0.00	61.16 0.43 0.00	49.19 0.29 0.00	48.30 0.38 0.00	47.84 0.38 0.00	45.95 0.36 0.00	46.19 0.50 0.00	44.30 0.57 0.00	44.23 0.52 0.00	49.77 0.59 0.00	62.99 0.62 0.00	78.36 0.70 0.00	72.01 0.50 0.00	53.99 0.59 0.00	44.93 0.49 0.00	39.49 0.39 0.00	37.62 0.26 0.00
V_XM_10_SYNC_DSASP 323789	38.43 1.30 0.00	36.49 1.30 0.00	34.77 1.24 0.00	34.61 1.20 0.00	35.08 1.25 0.00	38.12 1.36 0.00	49.44 0.49 -0.20	62.83 -0.38 -0.32	60.64 -0.30 -0.20	48.65 -0.24 0.00	47.86 -0.19 -0.14	47.41 -0.19 -0.14	45.91 0.32 0.00	45.92 0.23 0.00	43.73 0.00 0.00	43.70 0.00 0.00	48.64 -0.54 0.00	61.68 -0.68 0.00	76.27 -1.40 0.00	70.36 -1.15 0.00	52.54 -1.07 -0.20	43.69 -0.76 0.00	39.29 0.20 0.00	37.36 0.00 0.00
W.BABYLN_69_KV_BK1 56697	38.58 1.45 0.00	36.24 1.06 0.00	34.70 1.17 0.00	34.82 1.40 0.00	35.49 1.66 0.00	39.04 2.28 0.00	49.97 1.22 0.00	64.65 1.76 0.00	62.62 1.88 0.00	50.50 1.61 0.00	50.74 2.83 0.00	50.12 2.66 0.00	48.05 2.46 0.00	47.88 2.19 0.00	46.09 2.36 0.00	46.15 2.45 0.00	51.48 2.31 0.01	63.37 2.00 0.99	73.14 2.49 7.01	73.79 2.29 0.01	55.59 2.19 0.00	46.40 1.96 0.00	40.85 1.76 0.00	38.89 1.53 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	38.50 1.37 0.00	36.45 1.27 0.00	34.67 1.14 0.00	34.61 1.20 0.00	35.12 1.29 0.00	38.26 1.51 0.00	50.71 1.95 0.00	65.90 3.02 0.00	63.71 2.98 0.00	51.24 2.35 0.00	50.31 2.40 0.00	50.12 2.66 0.00	48.09 2.51 0.00	48.20 2.51 0.00	46.26 2.54 0.00	46.24 2.53 0.00	51.88 2.70 0.00	65.73 3.37 0.00	81.93 4.27 0.00	75.29 3.79 0.00	56.23 2.83 0.00	46.80 2.36 0.00	41.05 1.95 0.00	39.04 1.68 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	38.65 1.52 0.00	36.59 1.41 0.00	34.80 1.27 0.00	34.75 1.34 0.00	35.25 1.42 0.00	38.26 1.51 0.00	50.46 1.71 0.00	65.78 2.89 0.00	63.71 2.98 0.00	51.29 2.40 0.00	50.55 2.64 0.00	50.31 2.85 0.00	48.37 2.78 0.00	48.48 2.79 0.00	46.53 2.80 0.00	46.41 2.71 0.00	52.23 3.05 0.00	65.92 3.55 0.00	82.09 4.43 0.00	75.37 3.86 0.00	56.34 2.94 0.00	46.93 2.49 0.00	41.17 2.07 0.00	39.19 1.83 0.00
W50THST__13_KV_LOAD 356117	38.76 1.63 0.00	36.73 1.55 0.00	34.91 1.37 0.00	34.88 1.47 0.00	35.39 1.56 0.00	38.41 1.65 0.00	50.71 1.95 0.00	66.09 3.21 0.00	64.08 3.34 0.00	51.53 2.64 0.00	50.84 2.92 0.00	50.55 3.09 0.00	48.59 3.01 0.00	48.71 3.02 0.00	46.79 3.06 0.00	46.63 2.93 0.00	52.47 3.30 0.00	66.29 3.93 0.00	82.48 4.82 0.00	75.72 4.22 0.00	56.60 3.20 0.00	47.11 2.67 0.00	41.32 2.23 0.00	39.34 1.98 0.00
WADING RIVER_IC_1 23522	37.83 0.70 0.00	35.47 0.28 0.00	34.00 0.47 0.00	34.08 0.67 0.00	34.57 0.74 0.00	38.23 1.47 0.00	48.66 -0.10 0.00	62.82 -0.06 0.00	60.92 0.18 0.00	49.05 0.20 0.04	49.50 1.58 0.00	48.84 1.38 0.00	46.91 1.32 0.00	46.65 0.96 0.00	44.91 1.18 0.00	44.92 1.22 0.00	50.06 0.89 0.01	61.75 0.12 0.74	72.50 0.08 5.24	71.71 0.22 0.01	54.20 0.80 0.00	45.15 0.71 0.00	39.80 0.70 0.00	38.00 0.63 0.00
WADING RIVER_IC_2 23547	37.83 0.70 0.00	35.47 0.28 0.00	34.00 0.47 0.00	34.08 0.67 0.00	34.57 0.74 0.00	38.23 1.47 0.00	48.66 -0.10 0.00	62.82 -0.06 0.00	60.92 0.18 0.00	49.05 0.20 0.04	49.50 1.58 0.00	48.84 1.38 0.00	46.91 1.32 0.00	46.65 0.96 0.00	44.91 1.18 0.00	44.92 1.22 0.00	50.06 0.89 0.01	61.75 0.12 0.74	72.50 0.08 5.24	71.71 0.22 0.01	54.20 0.80 0.00	45.15 0.71 0.00	39.80 0.70 0.00	38.00 0.63 0.00
WADING RIVER_IC_3 23601	37.83 0.70 0.00	35.47 0.28 0.00	34.00 0.47 0.00	34.08 0.67 0.00	34.57 0.74 0.00	38.23 1.47 0.00	48.66 -0.10 0.00	62.82 -0.06 0.00	60.92 0.18 0.00	49.05 0.20 0.04	49.50 1.58 0.00	48.84 1.38 0.00	46.91 1.32 0.00	46.65 0.96 0.00	44.91 1.18 0.00	44.92 1.22 0.00	50.06 0.89 0.01	61.75 0.12 0.74	72.50 0.08 5.24	71.71 0.22 0.01	54.20 0.80 0.00	45.15 0.71 0.00	39.80 0.70 0.00	38.00 0.63 0.00
WALDENNY_12_KV_BK2 80841	37.46 0.33 0.00	35.92 0.74 0.00	34.40 0.87 0.00	34.28 0.87 0.00	34.30 0.47 0.00	37.16 0.40 0.00	48.61 -0.15 0.00	62.07 -0.82 0.00	59.04 -1.70 0.00	48.70 -0.20 0.00	46.86 -1.05 0.00	46.42 -1.04 0.00	44.54 -1.05 0.00	44.87 -0.82 0.00	42.77 -0.96 0.00	42.43 -1.27 0.00	47.61 -1.57 0.00	60.87 -1.50 0.00	75.95 -1.71 0.00	70.29 -1.22 0.00	51.16 -2.24 0.00	42.71 -1.73 0.00	38.08 -1.02 0.00	37.36 0.00 0.00
WALDEN___HYDRO 24148	38.43 1.30 0.00	36.42 1.23 0.00	34.64 1.11 0.00	34.55 1.14 0.00	35.08 1.25 0.00	38.08 1.32 0.00	50.46 1.71 0.00	65.53 2.64 0.00	63.35 2.61 0.00	50.90 2.00 0.00	49.93 2.01 0.00	49.69 2.23 0.00	45.76 2.10 1.92	45.86 2.10 1.93	44.02 2.14 1.85	45.84 2.14 0.00	51.69 2.51 0.00	65.48 3.12 0.00	81.70 4.04 0.00	75.08 3.58 0.00	56.07 2.67 0.00	46.67 2.22 0.00	40.93 1.84 0.00	38.97 1.61 0.00
WARRENSBURG____ 23737	37.91 0.78 0.00	35.89 0.70 0.00	34.17 0.64 0.00	34.08 0.67 0.00	34.57 0.74 0.00	37.57 0.81 0.00	50.27 1.51 0.00	64.96 2.08 0.00	62.62 1.88 0.00	50.07 1.17 0.00	49.16 1.25 0.00	48.46 1.00 0.00	46.31 0.73 0.00	46.51 0.82 0.00	44.51 0.79 0.00	44.45 0.74 0.00	50.26 1.08 0.00	63.86 1.50 0.00	79.68 2.02 0.00	73.08 1.57 0.00	54.79 1.39 0.00	45.42 0.98 0.00	39.88 0.78 0.00	38.03 0.67 0.00
WATERSIDE___6 8 9 23538	38.84 1.71 0.00	36.81 1.62 -0.01	35.01 1.48 -0.01	34.96 1.54 -0.01	35.46 1.62 -0.01	38.38 1.62 0.00	50.17 1.41 0.00	65.53 2.64 0.00	63.53 2.79 0.00	51.09 2.20 0.00	50.46 2.54 0.00	50.17 2.71 0.00	48.37 2.78 0.00	48.48 2.79 0.00	46.53 2.80 0.00	46.37 2.67 0.00	52.08 2.90 0.00	65.85 3.49 0.00	81.86 4.19 0.00	75.15 3.65 0.00	56.18 2.78 0.00	46.93 2.49 0.00	41.21 2.11 0.00	39.34 1.98 0.00
WATKINRD_115KV_LN8_ILLION 55919	37.83 0.71 0.00	35.85 0.67 0.00	34.20 0.67 0.00	34.08 0.67 0.00	34.54 0.71 0.00	37.53 0.77 0.00	50.06 1.12 -0.18	64.69 1.51 -0.29	62.38 1.46 -0.18	50.02 1.12 0.00	49.14 1.10 -0.12	48.63 1.04 -0.12	46.59 1.00 0.00	46.65 0.96 0.00	44.60 0.87 0.00	44.58 0.87 0.00	50.16 0.98 0.00	63.61 1.25 0.00	79.29 1.63 0.00	73.01 1.50 0.00	54.65 1.07 -0.18	45.38 0.93 0.00	39.84 0.74 0.00	38.11 0.75 0.00

WDELAWARE___HYD 323627	38.80 1.67 0.00	36.77 1.58 0.00	34.97 1.44 0.00	34.88 1.47 0.00	35.35 1.52 0.00	38.45 1.69 0.00	51.19 2.44 0.00	66.47 3.58 0.00	64.07 3.34 0.00	51.29 2.40 0.00	50.21 2.30 0.00	49.88 2.42 0.00	42.82 2.28 5.04	42.92 2.28 5.06	41.15 2.27 4.85	46.06 2.36 0.00	51.98 2.80 0.00	66.23 3.87 0.00	82.71 5.05 0.00	76.09 4.58 0.00	56.66 3.26 0.00	47.20 2.76 0.00	41.24 2.15 0.00	39.30 1.94 0.00
WEST BABYLON___IC 23714	38.58 1.45 0.00	36.24 1.06 0.00	34.70 1.17 0.00	34.82 1.40 0.00	35.49 1.66 0.00	39.04 2.28 0.00	49.97 1.22 0.00	64.65 1.76 0.00	62.62 1.88 0.00	50.50 1.61 0.00	50.74 2.83 0.00	50.12 2.66 0.00	48.05 2.46 0.00	47.88 2.19 0.00	46.09 2.36 0.00	46.15 2.45 0.00	51.48 2.31 0.01	63.37 2.00 0.99	73.14 2.49 7.01	73.79 2.29 0.01	55.59 2.19 0.00	46.40 1.96 0.00	40.85 1.76 0.00	38.89 1.53 0.00
WEST CANADA___HYD 24049	37.20 0.07 0.00	35.26 0.07 0.00	33.60 0.07 0.00	33.48 0.07 0.00	33.90 0.07 0.00	36.83 0.07 0.00	49.08 0.15 -0.18	63.37 0.19 -0.29	61.17 0.24 -0.18	49.04 0.15 0.00	48.18 0.14 -0.12	47.73 0.14 -0.12	45.72 0.14 0.00	45.83 0.14 0.00	43.86 0.13 0.00	43.83 0.13 0.00	49.38 0.20 0.00	62.61 0.25 0.00	77.97 0.31 0.00	71.79 0.29 0.00	53.80 0.21 -0.19	44.62 0.18 0.00	39.21 0.12 0.00	37.47 0.11 0.00
WESTERN_NY_WIND 24143	37.76 0.63 0.00	36.14 0.95 0.00	34.57 1.04 0.00	34.38 0.97 0.00	34.47 0.64 0.00	37.38 0.62 0.00	49.19 0.44 0.00	62.82 -0.06 0.00	60.37 -0.36 0.00	49.43 0.54 0.00	47.53 -0.38 0.00	47.13 -0.33 0.00	44.76 -0.82 0.00	45.10 -0.59 0.00	42.98 -0.74 0.00	42.83 -0.87 0.00	48.05 -1.13 0.00	61.61 -0.75 0.00	77.12 -0.54 0.00	71.36 -0.14 0.00	52.01 -1.39 0.00	43.47 -0.98 0.00	38.63 -0.47 0.00	37.77 0.41 0.00
WESTOVER___LESR 323668	37.50 0.37 0.00	35.64 0.46 0.00	33.97 0.44 0.00	33.85 0.43 0.00	34.20 0.37 0.00	37.13 0.37 0.00	49.24 0.49 0.00	63.45 0.57 0.00	60.92 0.18 0.00	49.19 0.29 0.00	47.96 0.05 0.00	47.56 0.09 0.00	45.63 0.05 0.00	45.83 0.14 0.00	43.82 0.09 0.00	43.75 0.04 0.00	49.33 0.15 0.00	62.80 0.44 0.00	78.59 0.93 0.00	72.51 1.00 0.00	53.72 0.32 0.00	44.62 0.18 0.00	39.29 0.20 0.00	37.77 0.41 0.00
WETHRSFD_WT_PWR 323626	37.39 0.26 0.00	35.82 0.63 0.00	34.27 0.74 0.00	34.08 0.67 0.00	34.44 0.61 0.00	37.05 0.29 0.00	48.61 -0.15 0.00	62.19 -0.69 0.00	59.16 -1.58 0.00	48.31 -0.58 0.00	46.53 -1.39 0.00	46.09 -1.38 0.00	44.26 -1.32 0.00	44.55 -1.14 0.00	42.50 -1.22 0.00	42.22 -1.49 0.00	47.46 -1.72 0.00	60.93 -1.43 0.00	76.50 -1.16 0.00	70.65 -0.85 0.00	51.85 -1.55 0.00	43.02 -1.42 0.00	38.20 -0.90 0.00	37.18 -0.19 0.00
WHAVSTOR_138KV_BK127 55557	38.35 1.23 0.00	36.31 1.13 0.00	34.54 1.01 0.00	34.45 1.04 0.00	34.98 1.15 0.00	37.97 1.21 0.00	50.17 1.41 0.00	65.21 2.33 0.00	63.11 2.37 0.00	50.80 1.91 0.00	49.93 2.01 0.00	49.74 2.28 0.00	47.73 2.14 0.00	47.88 2.19 0.00	45.96 2.23 0.00	45.89 2.19 0.00	51.64 2.46 0.00	65.29 2.93 0.00	81.39 3.73 0.00	74.87 3.36 0.00	55.91 2.51 0.00	46.58 2.13 0.00	40.85 1.76 0.00	38.89 1.53 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	38.35 1.23 0.00	36.31 1.13 0.00	34.54 1.01 0.00	34.45 1.04 0.00	34.98 1.15 0.00	37.97 1.21 0.00	50.17 1.41 0.00	65.21 2.33 0.00	63.11 2.37 0.00	50.80 1.91 0.00	49.93 2.01 0.00	49.74 2.28 0.00	47.73 2.14 0.00	47.88 2.19 0.00	45.96 2.23 0.00	45.89 2.19 0.00	51.64 2.46 0.00	65.29 2.93 0.00	81.39 3.73 0.00	74.87 3.36 0.00	55.91 2.51 0.00	46.58 2.13 0.00	40.85 1.76 0.00	38.89 1.53 0.00
WHITEHAL_115KV_TB1 80871	38.69 1.56 0.00	36.59 1.41 0.00	34.84 1.31 0.00	34.78 1.37 0.00	35.29 1.45 0.00	38.38 1.62 0.00	51.53 2.78 0.00	66.53 3.65 0.00	64.02 3.28 0.00	51.09 2.20 0.00	50.12 2.20 0.00	49.31 1.85 0.00	47.04 1.46 0.00	47.29 1.60 0.00	45.21 1.49 0.00	45.19 1.49 0.00	51.20 2.02 0.00	65.23 2.87 0.00	81.55 3.88 0.00	74.72 3.22 0.00	55.96 2.56 0.00	46.31 1.87 0.00	40.62 1.52 0.00	38.74 1.38 0.00
WHITEPLN_13_KV_LOAD 356215	38.69 1.56 0.00	36.66 1.48 0.00	34.87 1.34 0.00	34.78 1.37 0.00	35.32 1.49 0.00	38.41 1.65 0.00	50.85 2.10 0.00	66.09 3.21 0.00	63.96 3.22 0.00	51.44 2.54 0.00	50.65 2.73 0.00	50.36 2.90 0.00	48.37 2.78 0.00	48.48 2.79 0.00	46.57 2.84 0.00	46.46 2.75 0.00	52.28 3.10 0.00	66.17 3.80 0.00	82.32 4.66 0.00	75.51 4.00 0.00	56.55 3.15 0.00	47.07 2.62 0.00	41.25 2.15 0.00	39.27 1.91 0.00
WM_FLOYD_69_KV_BK2 356380	38.17 1.04 0.00	35.78 0.60 0.00	34.23 0.70 0.00	34.38 0.97 0.00	35.01 1.18 0.00	38.60 1.84 0.00	49.05 0.29 0.00	63.39 0.50 0.00	61.47 0.73 0.00	49.49 0.64 0.04	49.93 2.01 0.00	49.27 1.80 0.00	47.27 1.69 0.00	47.06 1.37 0.00	45.30 1.57 0.00	45.32 1.62 0.00	50.55 1.38 0.01	62.27 0.69 0.78	72.97 0.85 5.54	72.35 0.86 0.01	54.68 1.28 0.00	45.51 1.07 0.00	40.27 1.17 0.00	38.45 1.08 0.00
WOODARD___115KV_TB2 355635	36.72 -0.41 0.00	34.80 -0.39 0.00	33.16 -0.37 0.00	33.04 -0.37 0.00	33.42 -0.41 0.00	36.35 -0.40 0.00	48.53 -0.44 -0.22	62.67 -0.57 -0.35	60.28 -0.67 -0.21	48.36 -0.54 0.00	47.44 -0.62 -0.14	46.94 -0.66 -0.14	44.95 -0.64 0.00	45.05 -0.64 0.00	43.07 -0.66 0.00	43.05 -0.66 0.00	48.49 -0.69 0.00	61.68 -0.69 0.00	76.96 -0.70 0.00	70.93 -0.57 0.00	52.97 -0.64 -0.21	43.87 -0.58 0.00	38.63 -0.47 0.00	36.99 -0.37 0.00
WOODMERE_69_KV_BK1 55827	38.58 1.45 0.00	36.31 1.13 0.00	34.77 1.24 0.00	34.92 1.50 0.00	35.52 1.69 0.00	38.93 2.17 0.00	50.41 1.66 0.00	65.40 2.52 0.00	63.35 2.61 0.00	51.04 2.15 0.00	51.13 3.21 0.00	50.60 3.13 0.00	48.55 2.96 0.00	48.43 2.74 0.00	46.61 2.89 0.00	46.59 2.88 0.00	52.08 2.90 0.00	65.29 3.06 0.13	80.52 3.73 0.87	74.79 3.29 0.01	56.34 2.94 0.00	46.84 2.40 0.00	41.09 1.99 0.00	39.08 1.72 0.00
YORK___WARBASSE 23770	38.87 1.74 0.00	36.88 1.69 -0.01	35.11 1.58 -0.01	35.06 1.64 -0.01	35.56 1.73 -0.01	38.30 1.54 0.00	50.02 1.27 0.00	65.40 2.52 0.00	63.41 2.67 0.00	51.00 2.10 0.00	50.31 2.40 0.00	50.07 2.61 0.00	48.27 2.69 0.00	48.39 2.70 0.00	46.48 2.75 0.00	46.32 2.62 0.00	52.08 2.90 0.00	65.98 3.62 0.00	82.09 4.43 0.00	75.37 3.86 0.00	56.18 2.78 0.00	46.98 2.53 0.00	41.25 2.15 0.00	39.42 2.05 0.00