

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

10/22/2025

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	40.77	38.15	37.14	36.47	36.53	39.81	57.55	74.75	71.54	51.13	48.03	44.94	44.98	46.16	46.07	48.00	53.14	68.16	88.41	70.96	57.42	50.61	43.27	40.88
24138	2.77	2.53	2.40	2.35	2.29	2.60	3.66	5.54	4.72	3.28	3.33	3.44	3.15	3.13	3.28	3.45	3.81	5.02	5.38	5.01	4.06	3.53	2.94	2.71
	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-1.64	-0.36	-0.30	-0.36	-1.08	-1.49	-3.46	-3.32	-3.03	-2.89	-0.33	-14.95	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	40.85	38.18	37.21	36.54	36.60	39.89	57.55	74.81	71.57	51.04	47.95	44.85	44.89	46.08	45.97	47.91	53.10	68.16	88.40	70.96	57.47	50.66	43.35	40.96
24260	2.85	2.56	2.47	2.42	2.36	2.68	3.66	5.34	4.52	3.14	3.19	3.31	3.03	3.01	3.16	3.32	3.76	5.02	5.38	5.01	4.11	3.58	3.02	2.79
	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-1.90	-0.59	-0.35	-0.42	-1.11	-1.52	-3.49	-3.33	-3.07	-2.90	-0.33	-14.95	-0.01	-0.01	-0.01	-0.01	0.00
74TH STREET_GT_2	40.85	38.18	37.21	36.54	36.60	39.89	57.55	74.81	71.57	51.04	47.95	44.85	44.89	46.08	45.97	47.91	53.10	68.16	88.40	70.96	57.47	50.66	43.35	40.96
24261	2.85	2.56	2.47	2.42	2.36	2.68	3.66	5.34	4.52	3.14	3.19	3.31	3.03	3.01	3.16	3.32	3.76	5.02	5.38	5.01	4.11	3.58	3.02	2.79
	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-1.90	-0.59	-0.35	-0.42	-1.11	-1.52	-3.49	-3.33	-3.07	-2.90	-0.33	-14.95	-0.01	-0.01	-0.01	-0.01	0.00
ADK HUDSON___FALLS	39.41	37.01	36.14	35.44	35.64	42.40	70.07	81.34	72.13	54.85	50.40	43.33	40.57	39.48	39.66	43.15	54.14	86.61	100.75	68.05	55.12	48.63	41.69	39.58
24011	1.41	1.39	1.39	1.33	1.40	1.56	2.32	2.97	2.06	1.14	0.93	0.81	0.40	0.32	0.59	0.66	1.35	2.14	2.72	2.11	1.76	1.55	1.37	1.41
	0.00	0.00	0.00	0.00	0.00	-3.63	-13.89	-10.80	-3.60	-6.15	-5.12	-2.10	0.18	0.42	0.41	-0.97	-6.35	-21.67	-29.95	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	39.52	37.11	36.17	35.58	35.74	42.36	69.52	81.00	71.93	54.68	50.22	43.24	40.57	39.47	39.66	43.09	53.90	85.89	99.53	82.77	67.96	52.01	42.19	39.70
23798	1.52	1.50	1.43	1.47	1.50	1.68	2.37	3.11	2.19	1.23	0.97	0.81	0.40	0.32	0.59	0.66	1.35	2.20	2.86	2.24	1.87	1.65	1.49	1.53
	0.00	0.00	0.00	0.00	0.00	-3.47	-13.29	-10.33	-3.28	-5.89	-4.90	-2.01	0.18	0.42	0.41	-0.91	-6.11	-20.89	-28.59	-14.59	-12.74	-3.28	-0.37	0.00
ADK S GLENS___FALLS	39.41	37.01	36.14	35.44	35.64	42.40	70.07	81.34	72.13	54.85	50.40	43.33	40.57	39.48	39.66	43.15	54.14	86.61	100.75	68.05	55.12	48.63	41.69	39.58
24028	1.41	1.39	1.39	1.33	1.40	1.56	2.32	2.97	2.06	1.14	0.93	0.81	0.40	0.32	0.59	0.66	1.35	2.14	2.72	2.11	1.76	1.55	1.37	1.41
	0.00	0.00	0.00	0.00	0.00	-3.63	-13.89	-10.80	-3.60	-6.15	-5.12	-2.10	0.18	0.42	0.41	-0.97	-6.35	-21.67	-29.95	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	39.48	37.01	35.89	35.38	35.67	46.23	84.18	92.10	76.50	61.41	55.97	46.09	40.87	39.78	40.05	45.01	61.20	109.38	132.92	97.04	80.09	55.49	42.85	40.00
23527	1.48	1.39	1.14	1.26	1.44	1.68	2.21	2.63	1.99	1.38	1.24	1.29	0.73	0.67	1.02	1.20	1.53	2.51	2.73	2.77	2.35	2.12	1.82	1.83
	0.00	0.00	0.00	0.00	0.00	-7.35	-28.10	-21.90	-8.04	-12.47	-10.39	-4.37	0.20	0.47	0.46	-2.29	-13.23	-44.06	-62.12	-28.33	-24.39	-6.29	-0.71	0.00
AIR_PRODUCTS___DRP	38.04	35.65	34.78	34.15	34.27	33.32	38.21	55.17	60.10	40.20	38.20	37.55	39.54	38.60	38.67	39.28	38.44	38.52	31.25	65.74	53.30	47.08	40.36	38.29
24190	0.04	0.04	0.03	0.03	0.03	0.26	0.22	0.07	-0.47	-0.43	-0.35	-0.24	-0.61	-0.51	-0.36	-0.33	-0.09	0.06	0.14	-0.20	-0.05	0.00	0.04	0.11
	0.00	0.00	0.00	0.00	0.00	4.15	15.87	12.46	5.89	6.93	5.79	2.63	0.20	0.47	0.46	1.90	7.91	24.35	36.97	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	38.23	35.87	34.92	34.35	34.47	37.47	54.19	67.91	66.86	47.94	44.61	40.50	40.70	39.82	39.60	41.60	46.44	62.80	67.94	66.01	53.25	46.84	40.20	38.09
355683	0.23	0.25	0.17	0.24	0.24	0.26	0.32	0.34	0.40	0.38	0.27	0.08	0.36	0.24	0.12	0.08	0.00	0.00	-0.14	0.07	-0.11	-0.24	-0.12	-0.08
	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
ALBANY_1_SOLAR	38.95	36.51	35.62	35.00	35.33	36.18	46.49	62.54	63.98	44.29	41.51	39.34	40.05	39.05	39.16	40.75	41.71	47.65	43.86	55.04	44.57	45.56	40.96	39.16
323833	0.95	0.89	0.87	0.89	1.10	1.38	1.83	2.23	1.46	0.76	0.53	0.49	-0.12	-0.12	0.08	0.46	0.70	1.32	1.63	1.32	1.12	1.03	0.93	0.99
	0.00	0.00	0.00	0.00	0.00	2.41	9.21	7.25	3.95	4.03	3.37	1.57	0.17	0.41	0.40	1.23	5.43	16.48	25.85	12.22	9.91	2.56	0.29	0.00
ALBANY_2_SOLAR	38.95	36.51	35.62	35.00	35.30	36.18	46.48	62.54	63.98	44.24	41.47	39.34	40.05	39.05	39.16	40.71	41.71	47.66	43.81	55.05	44.58	45.56	40.96	39.16
323834	0.95	0.89	0.87	0.89	1.06	1.38	1.83	2.23	1.46	0.71	0.49	0.49	-0.12	-0.12	0.08	0.42	0.70	1.32	1.57	1.32	1.12	1.03	0.93	0.99
	0.00	0.00	0.00	0.00	0.00	2.41	9.21	7.25	3.95	4.03	3.37	1.57	0.17	0.41	0.40	1.23	5.43	16.46	25.83	12.21	9.90	2.55	0.29	0.00
ALBANY___1	38.04	35.65	34.78	34.15	34.27	33.32	38.21	55.17	60.10	40.20	38.20	37.55	39.54	38.60	38.67	39.28	38.44	38.52	31.25	65.74	53.30	47.08	40.36	38.29
23571	0.04	0.04	0.03	0.03	0.03	0.26	0.22	0.07	-0.47	-0.43	-0.35	-0.24	-0.61	-0.51	-0.36	-0.33	-0.09	0.06	0.14	-0.20	-0.05	0.00	0.04	0.11
	0.00	0.00	0.00	0.00	0.00	4.15	15.87	12.46	5.89	6.93	5.79	2.63	0.20	0.47	0.46	1.90	7.91	24.35	36.97	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	38.04 0.04 0.00	35.65 0.04 0.00	34.78 0.03 0.00	34.15 0.03 0.00	34.27 0.03 0.00	33.32 0.26 4.15	38.21 0.22 15.87	55.17 0.07 12.46	60.10 -0.47 5.89	40.20 -0.43 6.93	38.20 -0.35 5.79	37.55 -0.24 2.63	39.54 -0.61 0.20	38.60 -0.51 0.47	38.67 -0.36 0.46	39.28 -0.33 1.90	38.44 -0.09 7.91	38.52 0.06 24.35	31.25 0.14 36.97	65.74 -0.20 0.00	53.30 -0.05 0.00	47.08 0.00 0.00	40.36 0.04 0.00	38.29 0.11 0.00
ALBANY___3 23573	38.04 0.04 0.00	35.65 0.04 0.00	34.78 0.03 0.00	34.15 0.03 0.00	34.27 0.03 0.00	33.32 0.26 4.15	38.21 0.22 15.87	55.17 0.07 12.46	60.10 -0.47 5.89	40.20 -0.43 6.93	38.20 -0.35 5.79	37.55 -0.24 2.63	39.54 -0.61 0.20	38.60 -0.51 0.47	38.67 -0.36 0.46	39.28 -0.33 1.90	38.44 -0.09 7.91	38.52 0.06 24.35	31.25 0.14 36.97	65.74 -0.20 0.00	53.30 -0.05 0.00	47.08 0.00 0.00	40.36 0.04 0.00	38.29 0.11 0.00
ALBANY___4 23574	38.04 0.04 0.00	35.65 0.04 0.00	34.78 0.03 0.00	34.15 0.03 0.00	34.27 0.03 0.00	33.32 0.26 4.15	38.21 0.22 15.87	55.17 0.07 12.46	60.10 -0.47 5.89	40.20 -0.43 6.93	38.20 -0.35 5.79	37.55 -0.24 2.63	39.54 -0.61 0.20	38.60 -0.51 0.47	38.67 -0.36 0.46	39.28 -0.33 1.90	38.44 -0.09 7.91	38.52 0.06 24.35	31.25 0.14 36.97	65.74 -0.20 0.00	53.30 -0.05 0.00	47.08 0.00 0.00	40.36 0.04 0.00	38.29 0.11 0.00
ALBANY___LFGE 323615	38.46 0.46 0.00	36.05 0.43 0.00	35.06 0.31 0.00	34.49 0.38 0.00	34.61 0.38 0.00	33.35 0.63 4.49	37.28 0.59 17.17	54.83 0.74 13.49	60.22 0.20 6.44	40.10 0.05 7.50	38.13 0.04 6.26	37.71 0.12 2.84	39.90 -0.24 0.20	38.88 -0.24 0.47	39.02 0.00 0.46	39.54 0.04 2.03	38.30 0.28 8.42	37.43 0.63 26.00	28.89 0.68 39.87	47.36 0.46 19.05	38.19 0.48 15.65	43.51 0.47 4.03	40.31 0.44 0.46	38.70 0.53 0.00
ALCOA_PA_115KV_PL-6C 55860	38.38 0.38 0.00	36.01 0.39 0.00	35.06 0.31 0.00	34.49 0.38 0.00	34.61 0.38 0.00	37.62 0.41 0.00	54.46 0.59 0.00	68.24 0.68 0.00	67.19 0.73 0.00	48.13 0.57 0.00	44.79 0.44 0.00	40.66 0.24 0.00	40.87 0.52 0.00	39.98 0.40 0.00	39.72 0.24 0.00	41.77 0.25 0.00	46.63 0.19 0.00	62.99 0.19 0.00	68.21 0.14 0.00	66.27 0.33 0.00	53.46 0.11 0.00	47.03 -0.05 0.00	40.36 0.04 0.00	38.25 0.08 0.00
ALCOA_RYNLDS___DRP 24188	38.38 0.38 0.00	36.01 0.39 0.00	35.06 0.31 0.00	34.49 0.38 0.00	34.61 0.38 0.00	37.62 0.41 0.00	54.46 0.59 0.00	68.24 0.68 0.00	67.19 0.73 0.00	48.13 0.57 0.00	44.79 0.44 0.00	40.66 0.24 0.00	40.87 0.52 0.00	39.98 0.40 0.00	39.72 0.24 0.00	41.77 0.25 0.00	46.63 0.19 0.00	62.99 0.19 0.00	68.21 0.14 0.00	66.27 0.33 0.00	53.46 0.11 0.00	47.03 -0.05 0.00	40.36 0.04 0.00	38.25 0.08 0.00
ALCOA___DSASP 323711	38.38 0.38 0.00	36.01 0.39 0.00	35.06 0.31 0.00	34.49 0.38 0.00	34.61 0.38 0.00	37.62 0.41 0.00	54.46 0.75 0.00	68.44 0.88 0.00	67.39 0.93 0.00	48.17 0.62 0.00	44.92 0.57 0.00	40.67 0.24 0.00	40.91 0.56 0.00	40.06 0.48 0.00	39.79 0.31 0.00	41.85 0.33 0.00	46.81 0.37 0.00	63.25 0.44 0.00	68.42 0.34 0.00	66.34 0.40 0.00	53.63 0.27 0.00	47.12 0.05 0.00	40.36 0.04 0.00	38.25 0.08 0.00
ALLEGHENY___COGEN 23514	39.10 1.10 0.00	36.61 1.00 0.00	35.62 0.87 0.00	34.86 0.75 0.00	35.05 0.82 0.00	37.88 0.67 0.00	55.54 1.67 0.00	69.16 1.56 -0.04	60.75 0.33 6.05	47.37 -0.19 0.00	43.72 -0.62 0.00	40.25 -0.20 -0.03	39.90 -0.48 -0.04	39.53 -0.16 -0.10	39.42 -0.16 -0.10	41.44 -0.17 -0.09	46.16 -0.37 -0.09	62.69 -0.13 -0.01	69.10 0.48 -0.55	66.51 0.46 -0.11	53.46 0.11 0.00	47.41 0.33 0.00	40.44 0.12 0.00	38.40 0.23 0.00
ALTAMONT_115KV_TB 2 55880	38.61 0.61 0.00	36.19 0.57 0.00	35.30 0.56 0.00	34.69 0.58 0.00	34.82 0.58 0.00	35.70 0.71 2.21	46.31 0.92 8.47	62.04 1.15 6.68	63.58 0.66 3.55	44.24 0.38 3.70	41.61 0.35 3.09	39.44 0.49 1.46	40.31 0.16 0.20	39.31 0.20 0.47	39.38 0.36 0.45	40.73 0.42 1.20	42.70 0.65 4.39	50.78 0.94 12.97	48.21 1.02 20.89	66.73 0.79 0.00	54.10 0.75 0.00	47.78 0.71 0.00	40.96 0.65 0.00	38.82 0.65 0.00
ALTONA_WT_PWR 323606	38.49 0.49 0.00	36.22 0.60 0.00	35.30 0.55 0.00	34.76 0.65 0.00	34.85 0.62 0.00	37.91 0.71 0.00	54.67 0.81 0.00	68.44 0.88 0.00	67.39 0.93 0.00	48.13 0.57 0.00	45.32 0.97 0.00	41.03 0.61 0.00	41.15 0.81 0.00	40.10 0.51 0.00	39.48 0.00 0.00	41.31 -0.21 0.00	46.21 -0.23 0.00	61.74 -1.07 0.00	66.44 -1.63 0.00	64.29 -1.65 0.00	51.65 -1.71 0.00	45.14 -1.93 0.00	39.15 -1.17 0.00	37.18 -0.99 0.00
AMERICAN_REF_FUEL 24010	36.48 -1.52 0.00	34.16 -1.46 0.00	33.32 -1.43 0.00	32.51 -1.60 0.00	32.66 -1.57 0.00	35.05 -2.16 0.00	50.15 -3.72 0.00	61.21 -6.35 0.00	54.33 -5.65 6.48	44.42 -3.14 0.00	41.20 -3.15 0.00	38.71 -1.74 -0.02	38.40 -1.98 -0.03	37.68 -1.98 -0.08	37.35 -2.21 -0.08	38.93 -2.66 -0.07	42.52 -3.99 -0.07	56.40 -6.41 -0.01	61.15 -7.28 -0.36	59.71 -6.33 -0.10	48.34 -5.02 0.00	43.22 -3.86 0.00	37.30 -3.02 0.00	35.54 -2.63 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	37.35 -0.65 0.00	35.01 -0.61 0.00	33.95 -0.80 0.00	33.06 -1.06 0.00	33.14 -1.10 0.00	35.61 -1.60 0.00	51.44 -2.42 0.00	63.04 -4.53 0.00	55.53 -4.59 6.35	44.85 -2.71 0.00	41.33 -3.02 0.00	38.71 -1.74 -0.02	38.40 -1.98 -0.04	37.65 -2.02 -0.09	37.36 -2.21 -0.09	38.81 -2.78 -0.08	42.67 -3.85 -0.08	57.10 -5.71 -0.01	62.28 -6.19 -0.40	60.71 -5.34 -0.11	48.93 -4.43 0.00	43.69 -3.39 0.00	37.66 -2.66 0.00	35.84 -2.33 0.00
ARTHUR KILL_GT_1 23520	41.12 3.12 -0.01	38.40 2.78 -0.01	37.40 2.64 -0.01	36.72 2.59 -0.01	36.81 2.57 -0.01	40.03 2.83 0.00	56.74 2.85 -0.02	73.07 3.72 -1.79	69.88 2.92 -0.49	49.96 2.09 -0.31	47.00 2.26 -0.40	43.99 2.47 -1.10	44.04 2.18 -1.52	45.24 2.18 -3.48	45.42 2.61 -3.33	47.07 2.49 -3.06	52.50 3.16 -2.90	67.34 4.21 -0.33	87.52 4.49 -14.95	70.17 4.22 -0.01	56.78 3.41 -0.01	50.10 3.01 -0.01	43.39 3.06 -0.01	41.27 3.09 -0.01
ARTHUR_KILL_2 23512	41.01 3.00 -0.01	38.33 2.71 -0.01	37.33 2.57 -0.01	36.65 2.52 -0.01	36.71 2.47 -0.01	39.96 2.75 0.00	56.53 2.64 -0.02	72.73 3.38 -1.79	69.35 2.59 -0.29	49.82 1.95 -0.31	46.78 2.04 -0.40	43.87 2.34 -1.10	43.96 2.10 -1.52	45.12 2.06 -3.48	44.94 2.13 -3.33	46.90 2.32 -3.06	52.27 2.93 -2.90	67.03 3.90 -0.33	87.25 4.22 -14.95	73.72 3.96 -3.82	56.56 3.20 -0.01	49.95 2.87 -0.01	43.23 2.90 -0.01	41.16 2.98 -0.01
ARTHUR_KILL_3 23513	40.55 2.55 0.00	37.90 2.28 0.00	36.94 2.19 0.00	36.27 2.15 0.00	36.32 2.09 0.00	39.62 2.42 0.00	57.12 3.23 -0.02	74.14 4.80 -1.78	70.74 3.99 -0.29	50.69 2.81 -0.32	47.53 2.80 -0.39	44.59 3.07 -1.10	44.63 2.78 -1.51	45.78 2.73 -3.47	45.68 2.88 -3.32	47.60 3.03 -3.05	52.68 3.35 -2.89	67.53 4.39 -0.33	87.79 4.76 -14.95	74.25 4.49 -3.82	57.04 3.68 -0.01	50.33 3.25 -0.01	43.03 2.70 -0.01	40.65 2.48 0.00

ARTHUR_KILL_COGEN 323718	41.13 3.12 -0.01	38.41 2.78 -0.01	37.43 2.68 -0.01	36.71 2.59 -0.01	36.81 2.57 -0.01	40.03 2.83 0.00	56.69 2.80 -0.02	72.87 3.51 -1.79	69.55 2.79 -0.29	49.96 2.09 -0.31	46.87 2.13 -0.40	43.99 2.47 -1.10	44.04 2.18 -1.52	45.20 2.14 -3.48	45.06 2.25 -3.33	47.03 2.45 -3.06	52.40 3.06 -2.90	67.22 4.08 -0.33	87.45 4.42 -14.95	73.92 4.16 -3.82	56.73 3.36 -0.01	50.10 3.02 -0.01	43.35 3.03 -0.01	41.23 3.05 -0.01
ASHOKAN____ 23654	39.48 1.48 0.00	36.97 1.35 0.00	36.10 1.35 0.00	35.41 1.30 0.00	35.81 1.58 0.00	38.29 2.79 1.71	51.58 4.25 6.53	68.00 5.54 5.11	67.54 4.26 3.19	47.20 2.52 2.88	43.98 2.04 2.41	41.30 1.98 1.10	39.61 -0.65 0.09	38.70 -0.67 0.21	38.84 -0.43 0.20	42.42 1.70 0.80	44.93 2.41 3.93	54.72 4.08 12.16	54.47 5.04 18.64	61.51 4.49 8.91	48.33 2.29 7.32	46.88 1.69 1.89	41.52 1.41 0.21	39.58 1.41 0.00
ASTORIA_EAST_ENERGY_CC1 323581	40.94 2.93 -0.01	38.30 2.67 -0.01	37.29 2.54 -0.01	36.61 2.49 -0.01	36.67 2.43 -0.01	39.89 2.68 0.00	56.96 3.07 -0.02	73.99 4.53 -1.90	70.57 3.72 -0.39	50.65 2.76 -0.34	47.55 2.80 -0.41	44.60 3.07 -1.10	44.64 2.78 -1.52	45.79 2.73 -3.48	45.65 2.84 -3.32	47.61 3.03 -3.06	52.72 3.39 -2.89	67.59 4.46 -0.33	87.71 4.69 -14.94	74.17 4.42 -3.81	56.93 3.58 0.00	50.24 3.15 -0.01	43.31 2.98 -0.01	40.93 2.75 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	40.90 2.89 -0.01	38.30 2.67 -0.01	37.29 2.54 -0.01	36.58 2.46 -0.01	36.67 2.43 -0.01	39.89 2.68 0.00	56.90 3.01 -0.02	73.92 4.46 -1.90	70.57 3.72 -0.39	50.65 2.76 -0.34	47.55 2.80 -0.41	44.56 3.03 -1.10	44.64 2.78 -1.52	45.76 2.69 -3.48	45.61 2.80 -3.32	47.57 2.99 -3.06	52.72 3.39 -2.89	67.59 4.46 -0.33	87.65 4.63 -14.94	74.17 4.42 -3.81	56.93 3.58 0.00	50.19 3.11 -0.01	43.31 2.98 -0.01	40.89 2.71 -0.01
ASTORIA_GT2_1 24094	40.93 2.93 -0.01	38.30 2.67 -0.01	37.29 2.54 -0.01	36.61 2.49 -0.01	36.67 2.43 -0.01	39.89 2.68 0.00	57.01 3.12 -0.02	74.13 4.66 -1.90	70.90 3.85 -0.58	50.65 2.76 -0.34	47.68 2.93 -0.41	44.60 3.07 -1.10	44.64 2.78 -1.52	45.84 2.77 -3.48	45.77 2.96 -3.32	47.65 3.07 -3.06	52.82 3.48 -2.90	67.72 4.58 -0.33	87.79 4.77 -14.95	70.36 4.42 -0.01	56.99 3.63 -0.01	50.19 3.11 -0.01	43.31 2.98 -0.01	40.93 2.75 -0.01
ASTORIA_GT2_2 24095	40.93 2.93 -0.01	38.30 2.67 -0.01	37.29 2.54 -0.01	36.61 2.49 -0.01	36.67 2.43 -0.01	39.89 2.68 0.00	57.01 3.12 -0.02	74.13 4.66 -1.90	70.90 3.85 -0.58	50.65 2.76 -0.34	47.68 2.93 -0.41	44.60 3.07 -1.10	44.64 2.78 -1.52	45.84 2.77 -3.48	45.77 2.96 -3.32	47.65 3.07 -3.06	52.82 3.48 -2.90	67.72 4.58 -0.33	87.79 4.77 -14.95	70.36 4.42 -0.01	56.99 3.63 -0.01	50.19 3.11 -0.01	43.31 2.98 -0.01	40.93 2.75 -0.01
ASTORIA_GT2_3 24096	40.93 2.93 -0.01	38.30 2.67 -0.01	37.29 2.54 -0.01	36.61 2.49 -0.01	36.67 2.43 -0.01	39.89 2.68 0.00	57.01 3.12 -0.02	74.13 4.66 -1.90	70.90 3.85 -0.58	50.65 2.76 -0.34	47.68 2.93 -0.41	44.60 3.07 -1.10	44.64 2.78 -1.52	45.84 2.77 -3.48	45.77 2.96 -3.32	47.65 3.07 -3.06	52.82 3.48 -2.90	67.72 4.58 -0.33	87.79 4.77 -14.95	70.36 4.42 -0.01	56.99 3.63 -0.01	50.19 3.11 -0.01	43.31 2.98 -0.01	40.93 2.75 -0.01
ASTORIA_GT2_4 24097	40.93 2.93 -0.01	38.30 2.67 -0.01	37.29 2.54 -0.01	36.61 2.49 -0.01	36.67 2.43 -0.01	39.89 2.68 0.00	57.01 3.12 -0.02	74.13 4.66 -1.90	70.90 3.85 -0.58	50.65 2.76 -0.34	47.68 2.93 -0.41	44.60 3.07 -1.10	44.64 2.78 -1.52	45.84 2.77 -3.48	45.77 2.96 -3.32	47.65 3.07 -3.06	52.82 3.48 -2.90	67.72 4.58 -0.33	87.79 4.77 -14.95	70.36 4.42 -0.01	56.99 3.63 -0.01	50.19 3.11 -0.01	43.31 2.98 -0.01	40.93 2.75 -0.01
ASTORIA_GT3_1 24098	40.93 2.93 -0.01	38.30 2.67 -0.01	37.29 2.54 -0.01	36.61 2.49 -0.01	36.67 2.43 -0.01	39.89 2.68 0.00	57.01 3.12 -0.02	74.13 4.66 -1.90	70.90 3.85 -0.58	50.65 2.76 -0.34	47.68 2.93 -0.41	44.60 3.07 -1.10	44.64 2.78 -1.52	45.84 2.77 -3.48	45.77 2.96 -3.32	47.65 3.07 -3.06	52.82 3.48 -2.90	67.72 4.58 -0.33	87.79 4.77 -14.95	70.36 4.42 -0.01	56.99 3.63 -0.01	50.19 3.11 -0.01	43.31 2.98 -0.01	40.93 2.75 -0.01
ASTORIA_GT3_2 24099	40.93 2.93 -0.01	38.30 2.67 -0.01	37.29 2.54 -0.01	36.61 2.49 -0.01	36.67 2.43 -0.01	39.89 2.68 0.00	57.01 3.12 -0.02	74.13 4.66 -1.90	70.90 3.85 -0.58	50.65 2.76 -0.34	47.68 2.93 -0.41	44.60 3.07 -1.10	44.64 2.78 -1.52	45.84 2.77 -3.48	45.77 2.96 -3.32	47.65 3.07 -3.06	52.82 3.48 -2.90	67.72 4.58 -0.33	87.79 4.77 -14.95	70.36 4.42 -0.01	56.99 3.63 -0.01	50.19 3.11 -0.01	43.31 2.98 -0.01	40.93 2.75 -0.01
ASTORIA_GT3_3 24100	40.93 2.93 -0.01	38.30 2.67 -0.01	37.29 2.54 -0.01	36.61 2.49 -0.01	36.67 2.43 -0.01	39.89 2.68 0.00	57.01 3.12 -0.02	74.13 4.66 -1.90	70.90 3.85 -0.58	50.65 2.76 -0.34	47.68 2.93 -0.41	44.60 3.07 -1.10	44.64 2.78 -1.52	45.84 2.77 -3.48	45.77 2.96 -3.32	47.65 3.07 -3.06	52.82 3.48 -2.90	67.72 4.58 -0.33	87.79 4.77 -14.95	70.36 4.42 -0.01	56.99 3.63 -0.01	50.19 3.11 -0.01	43.31 2.98 -0.01	40.93 2.75 -0.01
ASTORIA_GT3_4 24101	40.93 2.93 -0.01	38.30 2.67 -0.01	37.29 2.54 -0.01	36.61 2.49 -0.01	36.67 2.43 -0.01	39.89 2.68 0.00	57.01 3.12 -0.02	74.13 4.66 -1.90	70.90 3.85 -0.58	50.65 2.76 -0.34	47.68 2.93 -0.41	44.60 3.07 -1.10	44.64 2.78 -1.52	45.84 2.77 -3.48	45.77 2.96 -3.32	47.65 3.07 -3.06	52.82 3.48 -2.90	67.72 4.58 -0.33	87.79 4.77 -14.95	70.36 4.42 -0.01	56.99 3.63 -0.01	50.19 3.11 -0.01	43.31 2.98 -0.01	40.93 2.75 -0.01
ASTORIA_GT4_1 24102	40.93 2.93 -0.01	38.30 2.67 -0.01	37.29 2.54 -0.01	36.61 2.49 -0.01	36.67 2.43 -0.01	39.89 2.68 0.00	57.01 3.12 -0.02	74.13 4.66 -1.90	70.90 3.85 -0.58	50.65 2.76 -0.34	47.68 2.93 -0.41	44.60 3.07 -1.10	44.64 2.78 -1.52	45.84 2.77 -3.48	45.77 2.96 -3.32	47.65 3.07 -3.06	52.82 3.48 -2.90	67.72 4.58 -0.33	87.79 4.77 -14.95	70.36 4.42 -0.01	56.99 3.63 -0.01	50.19 3.11 -0.01	43.31 2.98 -0.01	40.93 2.75 -0.01
ASTORIA_GT4_2 24103	40.93 2.93 -0.01	38.30 2.67 -0.01	37.29 2.54 -0.01	36.61 2.49 -0.01	36.67 2.43 -0.01	39.89 2.68 0.00	57.01 3.12 -0.02	74.13 4.66 -1.90	70.90 3.85 -0.58	50.65 2.76 -0.34	47.68 2.93 -0.41	44.60 3.07 -1.10	44.64 2.78 -1.52	45.84 2.77 -3.48	45.77 2.96 -3.32	47.65 3.07 -3.06	52.82 3.48 -2.90	67.72 4.58 -0.33	87.79 4.77 -14.95	70.36 4.42 -0.01	56.99 3.63 -0.01	50.19 3.11 -0.01	43.31 2.98 -0.01	40.93 2.75 -0.01
ASTORIA_GT4_3 24104	40.93 2.93 -0.01	38.30 2.67 -0.01	37.29 2.54 -0.01	36.61 2.49 -0.01	36.67 2.43 -0.01	39.89 2.68 0.00	57.01 3.12 -0.02	74.13 4.66 -1.90	70.90 3.85 -0.58	50.65 2.76 -0.34	47.68 2.93 -0.41	44.60 3.07 -1.10	44.64 2.78 -1.52	45.84 2.77 -3.48	45.77 2.96 -3.32	47.65 3.07 -3.06	52.82 3.48 -2.90	67.72 4.58 -0.33	87.79 4.77 -14.95	70.36 4.42 -0.01	56.99 3.63 -0.01	50.19 3.11 -0.01	43.31 2.98 -0.01	40.93 2.75 -0.01

ASTORIA_GT4_4 24105	40.93 2.93 -0.01	38.30 2.67 -0.01	37.29 2.54 -0.01	36.61 2.49 -0.01	36.67 2.43 -0.01	39.89 2.68 0.00	57.01 3.12 -0.02	74.13 4.66 -1.90	70.90 3.85 -0.58	50.65 2.76 -0.34	47.68 2.93 -0.41	44.60 3.07 -1.10	44.64 2.78 -1.52	45.84 2.77 -3.48	45.77 2.96 -3.32	47.65 3.07 -3.06	52.82 3.48 -2.90	67.72 4.58 -0.33	87.79 4.77 -14.95	70.36 4.42 -0.01	56.99 3.63 -0.01	50.19 3.11 -0.01	43.31 2.98 -0.01	40.93 2.75 -0.01
ASTORIA_GT_1 23523	40.97 2.96 -0.01	38.37 2.74 -0.01	37.33 2.57 -0.01	36.65 2.52 -0.01	36.74 2.50 -0.01	39.92 2.72 0.00	57.12 3.23 -0.02	74.26 4.80 -1.90	71.10 4.05 -0.58	50.75 2.85 -0.34	47.77 3.02 -0.41	44.68 3.15 -1.10	44.72 2.86 -1.52	45.92 2.85 -3.48	45.84 3.04 -3.32	47.74 3.16 -3.06	52.92 3.58 -2.90	67.85 4.71 -0.33	87.92 4.90 -14.95	70.50 4.55 -0.01	57.10 3.74 -0.01	50.28 3.20 -0.01	43.39 3.06 -0.01	41.00 2.82 -0.01
ASTORIA_GT_10 24110	40.86 2.85 -0.01	38.23 2.60 -0.01	37.22 2.47 -0.01	36.54 2.42 -0.01	36.60 2.36 -0.01	39.85 2.64 0.00	57.12 3.23 -0.02	74.07 4.59 -1.90	70.84 3.79 -0.59	50.62 2.71 -0.35	47.64 2.88 -0.42	44.57 3.03 -1.11	44.61 2.74 -1.52	45.80 2.73 -3.49	45.73 2.92 -3.33	47.62 3.03 -3.07	52.82 3.48 -2.90	67.66 4.52 -0.33	87.86 4.83 -14.95	70.43 4.48 -0.01	57.05 3.68 -0.01	50.33 3.25 -0.01	43.31 2.98 -0.01	40.97 2.79 -0.01
ASTORIA_GT_11 24225	40.86 2.85 -0.01	38.23 2.60 -0.01	37.22 2.47 -0.01	36.54 2.42 -0.01	36.60 2.36 -0.01	39.85 2.64 0.00	57.12 3.23 -0.02	74.07 4.59 -1.90	70.84 3.79 -0.59	50.62 2.71 -0.35	47.64 2.88 -0.42	44.57 3.03 -1.11	44.61 2.74 -1.52	45.80 2.73 -3.49	45.73 2.92 -3.33	47.62 3.03 -3.07	52.82 3.48 -2.90	67.66 4.52 -0.33	87.86 4.83 -14.95	70.43 4.48 -0.01	57.05 3.68 -0.01	50.33 3.25 -0.01	43.31 2.98 -0.01	40.97 2.79 -0.01
ASTORIA_GT_12 24226	40.86 2.85 -0.01	38.23 2.60 -0.01	37.22 2.47 -0.01	36.54 2.42 -0.01	36.60 2.36 -0.01	39.85 2.64 0.00	57.12 3.23 -0.02	74.07 4.59 -1.90	70.84 3.79 -0.59	50.62 2.71 -0.35	47.64 2.88 -0.42	44.57 3.03 -1.11	44.61 2.74 -1.52	45.80 2.73 -3.49	45.73 2.92 -3.33	47.62 3.03 -3.07	52.82 3.48 -2.90	67.66 4.52 -0.33	87.86 4.83 -14.95	70.43 4.48 -0.01	57.05 3.68 -0.01	50.33 3.25 -0.01	43.31 2.98 -0.01	40.97 2.79 -0.01
ASTORIA_GT_13 24227	40.86 2.85 -0.01	38.23 2.60 -0.01	37.22 2.47 -0.01	36.54 2.42 -0.01	36.60 2.36 -0.01	39.85 2.64 0.00	57.12 3.23 -0.02	74.07 4.59 -1.90	70.84 3.79 -0.59	50.62 2.71 -0.35	47.64 2.88 -0.42	44.57 3.03 -1.11	44.61 2.74 -1.52	45.80 2.73 -3.49	45.73 2.92 -3.33	47.62 3.03 -3.07	52.82 3.48 -2.90	67.66 4.52 -0.33	87.86 4.83 -14.95	70.43 4.48 -0.01	57.05 3.68 -0.01	50.33 3.25 -0.01	43.31 2.98 -0.01	40.97 2.79 -0.01
ASTORIA_GT_5 24106	40.97 2.96 -0.01	38.37 2.74 -0.01	37.33 2.57 -0.01	36.65 2.52 -0.01	36.74 2.50 -0.01	39.92 2.72 0.00	57.12 3.23 -0.02	74.26 4.80 -1.90	71.10 4.05 -0.58	50.75 2.85 -0.34	47.77 3.02 -0.41	44.68 3.15 -1.10	44.72 2.86 -1.52	45.92 2.85 -3.48	45.84 3.04 -3.32	47.74 3.16 -3.06	52.92 3.58 -2.90	67.85 4.71 -0.33	87.92 4.90 -14.95	70.50 4.55 -0.01	57.10 3.74 -0.01	50.28 3.20 -0.01	43.39 3.06 -0.01	41.00 2.82 -0.01
ASTORIA_GT_7 24107	40.97 2.96 -0.01	38.37 2.74 -0.01	37.33 2.57 -0.01	36.65 2.52 -0.01	36.74 2.50 -0.01	39.92 2.72 0.00	57.12 3.23 -0.02	74.26 4.80 -1.90	71.10 4.05 -0.58	50.75 2.85 -0.34	47.77 3.02 -0.41	44.68 3.15 -1.10	44.72 2.86 -1.52	45.92 2.85 -3.48	45.84 3.04 -3.32	47.74 3.16 -3.06	52.92 3.58 -2.90	67.85 4.71 -0.33	87.92 4.90 -14.95	70.50 4.55 -0.01	57.10 3.74 -0.01	50.28 3.20 -0.01	43.39 3.06 -0.01	41.00 2.82 -0.01
ASTORIA_GT_8 24108	40.97 2.96 -0.01	38.37 2.74 -0.01	37.33 2.57 -0.01	36.65 2.52 -0.01	36.74 2.50 -0.01	39.92 2.72 0.00	57.12 3.23 -0.02	74.26 4.80 -1.90	71.10 4.05 -0.58	50.75 2.85 -0.34	47.77 3.02 -0.41	44.68 3.15 -1.10	44.72 2.86 -1.52	45.92 2.85 -3.48	45.84 3.04 -3.32	47.74 3.16 -3.06	52.92 3.58 -2.90	67.85 4.71 -0.33	87.92 4.90 -14.95	70.50 4.55 -0.01	57.10 3.74 -0.01	50.28 3.20 -0.01	43.39 3.06 -0.01	41.00 2.82 -0.01
ASTORIA___2 24149	40.94 2.93 -0.01	38.30 2.67 -0.01	37.29 2.54 -0.01	36.61 2.49 -0.01	36.67 2.43 -0.01	39.89 2.68 0.00	56.96 3.07 -0.02	73.99 4.53 -1.90	70.57 3.72 -0.39	50.65 2.76 -0.34	47.55 2.80 -0.41	44.60 3.07 -1.10	44.64 2.78 -1.52	45.79 2.73 -3.48	45.65 2.84 -3.32	47.61 3.03 -3.06	52.72 3.39 -2.89	67.59 4.46 -0.33	87.71 4.69 -14.94	74.17 4.42 -3.81	56.93 3.58 0.00	50.24 3.15 -0.01	43.31 2.98 -0.01	40.93 2.75 -0.01
ASTORIA___3 23516	40.86 2.85 -0.01	38.22 2.60 -0.01	37.22 2.47 -0.01	36.54 2.42 -0.01	36.60 2.36 -0.01	39.89 2.68 0.00	57.01 3.12 -0.02	73.93 4.46 -1.90	70.51 3.65 -0.39	50.61 2.71 -0.35	47.51 2.75 -0.42	44.53 2.99 -1.11	44.61 2.74 -1.52	45.76 2.69 -3.49	45.61 2.80 -3.33	47.58 2.99 -3.07	52.68 3.35 -2.90	67.60 4.46 -0.33	87.79 4.76 -14.95	74.25 4.49 -3.82	56.99 3.63 -0.01	50.38 3.29 -0.01	43.31 2.98 -0.01	40.93 2.75 -0.01
ASTORIA___4 23517	40.86 2.85 -0.01	38.23 2.60 -0.01	37.22 2.47 -0.01	36.54 2.42 -0.01	36.60 2.36 -0.01	39.85 2.64 0.00	57.12 3.23 -0.02	74.07 4.59 -1.90	70.84 3.79 -0.59	50.62 2.71 -0.35	47.64 2.88 -0.42	44.57 3.03 -1.11	44.61 2.74 -1.52	45.80 2.73 -3.49	45.73 2.92 -3.33	47.62 3.03 -3.07	52.82 3.48 -2.90	67.66 4.52 -0.33	87.86 4.83 -14.95	70.43 4.48 -0.01	57.05 3.68 -0.01	50.33 3.25 -0.01	43.31 2.98 -0.01	40.97 2.79 -0.01
ASTORIA___5 23518	40.86 2.85 -0.01	38.22 2.60 -0.01	37.22 2.47 -0.01	36.54 2.42 -0.01	36.60 2.36 -0.01	39.89 2.68 0.00	57.01 3.12 -0.02	73.93 4.46 -1.90	70.51 3.65 -0.39	50.61 2.71 -0.35	47.51 2.75 -0.42	44.53 2.99 -1.11	44.61 2.74 -1.52	45.76 2.69 -3.49	45.61 2.80 -3.33	47.58 2.99 -3.07	52.68 3.35 -2.90	67.60 4.46 -0.33	87.79 4.76 -14.95	74.25 4.49 -3.82	56.99 3.63 -0.01	50.33 3.25 -0.01	43.31 2.98 -0.01	40.93 2.75 -0.01
AST_ENERGY_2_CC3 323677	40.67 2.66 -0.01	38.05 2.42 -0.01	37.05 2.29 -0.01	36.37 2.25 -0.01	36.47 2.22 -0.01	39.62 2.42 0.00	56.58 2.69 -0.02	73.52 4.05 -1.90	70.17 3.32 -0.39	50.37 2.47 -0.34	47.24 2.48 -0.41	44.31 2.79 -1.10	44.36 2.50 -1.52	45.52 2.45 -3.48	45.37 2.56 -3.32	47.32 2.74 -3.06	52.44 3.11 -2.89	67.15 4.02 -0.33	87.24 4.22 -14.94	73.71 3.96 -3.81	56.61 3.26 0.00	49.91 2.82 -0.01	43.07 2.74 -0.01	40.66 2.48 -0.01
AST_ENERGY_2_CC4 323678	40.67 2.66 -0.01	38.05 2.42 -0.01	37.05 2.29 -0.01	36.37 2.25 -0.01	36.47 2.22 -0.01	39.62 2.42 0.00	56.58 2.69 -0.02	73.52 4.05 -1.90	70.17 3.32 -0.39	50.37 2.47 -0.34	47.24 2.48 -0.41	44.31 2.79 -1.10	44.36 2.50 -1.52	45.52 2.45 -3.48	45.37 2.56 -3.32	47.32 2.74 -3.06	52.44 3.11 -2.89	67.15 4.02 -0.33	87.24 4.22 -14.94	73.71 3.96 -3.81	56.61 3.26 0.00	49.91 2.82 -0.01	43.07 2.74 -0.01	40.66 2.48 -0.01

BARRETT_IC_6 23709	40.28 2.28 0.00	37.58 1.96 0.00	36.66 1.91 0.00	35.96 1.84 0.00	36.05 1.81 0.00	39.44 2.23 0.00	55.29 1.72 0.29	70.88 3.38 0.06	67.60 2.46 1.32	49.28 1.76 0.04	46.30 2.00 0.05	43.95 2.67 -0.86	43.97 2.34 -1.29	45.08 2.29 -3.20	45.21 2.53 -3.20	46.93 2.66 -2.76	52.25 2.97 -2.84	67.07 3.96 -0.31	87.42 4.42 -14.93	73.91 4.16 -3.81	56.55 3.20 0.00	49.80 2.73 0.00	42.61 2.30 0.00	40.15 1.98 0.00
BARRETT_IC_7 23710	40.28 2.28 0.00	37.58 1.96 0.00	36.66 1.91 0.00	35.96 1.84 0.00	36.05 1.81 0.00	39.36 2.16 0.00	55.40 1.83 0.29	71.15 3.65 0.06	68.00 2.66 1.12	49.28 1.76 0.04	46.52 2.22 0.05	43.99 2.71 -0.86	43.97 2.34 -1.29	45.16 2.37 -3.20	45.25 2.57 -3.20	46.93 2.66 -2.76	52.39 3.11 -2.84	67.20 4.08 -0.31	87.56 4.56 -14.93	70.16 4.22 0.00	56.66 3.31 0.00	49.76 2.68 0.00	42.61 2.30 0.00	40.16 1.98 0.00
BARRETT_IC_8 23711	40.28 2.28 0.00	37.58 1.96 0.00	36.66 1.91 0.00	35.96 1.84 0.00	36.05 1.81 0.00	39.44 2.23 0.00	55.29 1.72 0.29	70.88 3.38 0.06	67.60 2.46 1.32	49.28 1.76 0.04	46.30 2.00 0.05	43.95 2.67 -0.86	43.97 2.34 -1.29	45.08 2.29 -3.20	45.21 2.53 -3.20	46.93 2.66 -2.76	52.25 2.97 -2.84	67.07 3.96 -0.31	87.42 4.42 -14.93	73.91 4.16 -3.81	56.55 3.20 0.00	49.80 2.73 0.00	42.61 2.30 0.00	40.15 1.98 0.00
BARRETT_IC_9 23700	40.28 2.28 0.00	37.58 1.96 0.00	36.66 1.91 0.00	35.96 1.84 0.00	36.05 1.81 0.00	39.44 2.23 0.00	55.29 1.72 0.29	70.88 3.38 0.06	67.60 2.46 1.32	49.28 1.76 0.04	46.30 2.00 0.05	43.95 2.67 -0.86	43.97 2.34 -1.29	45.08 2.29 -3.20	45.21 2.53 -3.20	46.93 2.66 -2.76	52.25 2.97 -2.84	67.07 3.96 -0.31	87.42 4.42 -14.93	73.91 4.16 -3.81	56.55 3.20 0.00	49.80 2.73 0.00	42.61 2.30 0.00	40.15 1.98 0.00
BARRETT___1 23545	40.28 2.28 0.00	37.58 1.96 0.00	36.66 1.91 0.00	35.96 1.84 0.00	36.05 1.81 0.00	39.44 2.23 0.00	55.29 1.72 0.29	70.88 3.38 0.06	67.60 2.46 1.32	49.28 1.76 0.04	46.30 2.00 0.05	43.95 2.67 -0.86	43.97 2.34 -1.29	45.08 2.29 -3.20	45.21 2.53 -3.20	46.93 2.66 -2.76	52.25 2.97 -2.84	67.07 3.96 -0.31	87.42 4.42 -14.93	73.91 4.16 -3.81	56.55 3.20 0.00	49.80 2.73 0.00	42.61 2.30 0.00	40.15 1.98 0.00
BARRETT___2 23546	40.28 2.28 0.00	37.58 1.96 0.00	36.66 1.91 0.00	35.96 1.84 0.00	36.05 1.81 0.00	39.44 2.23 0.00	55.29 1.72 0.29	70.88 3.38 0.06	67.60 2.46 1.32	49.28 1.76 0.04	46.30 2.00 0.05	43.95 2.67 -0.86	43.97 2.34 -1.29	45.08 2.29 -3.20	45.21 2.53 -3.20	46.93 2.66 -2.76	52.25 2.97 -2.84	67.07 3.96 -0.31	87.42 4.42 -14.93	73.91 4.16 -3.81	56.55 3.20 0.00	49.80 2.73 0.00	42.61 2.30 0.00	40.15 1.98 0.00
BATAVIA__115KV_TB1 55881	37.73 -0.27 0.00	35.37 -0.25 0.00	34.61 -0.14 0.00	33.64 -0.48 0.00	33.86 -0.38 0.00	36.46 -0.74 0.00	52.41 -1.45 0.00	65.00 -2.57 0.00	59.45 -2.39 4.62	46.70 -0.86 0.00	43.15 -1.20 0.00	40.16 -0.28 -0.02	39.93 -0.44 -0.03	39.35 -0.32 -0.08	38.97 -0.59 -0.08	40.72 -0.87 -0.07	44.70 -1.81 -0.07	59.80 -3.01 -0.01	64.95 -3.47 -0.35	63.17 -2.77 0.00	51.22 -2.13 0.00	45.66 -1.41 0.00	38.91 -1.41 0.00	37.06 -1.11 0.00
BAYONEEC___CTG1 323682	40.66 2.66 0.00	38.00 2.39 0.00	37.04 2.29 0.00	36.37 2.25 0.00	36.43 2.19 0.00	39.74 2.53 0.00	57.23 3.34 -0.02	74.28 4.93 -1.78	70.87 4.12 -0.29	50.83 2.95 -0.32	47.61 2.88 -0.39	44.67 3.15 -1.10	44.72 2.86 -1.51	45.86 2.81 -3.47	45.76 2.96 -3.32	47.68 3.12 -3.05	52.77 3.44 -2.89	67.72 4.58 -0.33	87.93 4.90 -14.95	74.45 4.68 -3.82	57.15 3.79 -0.01	50.42 3.34 -0.01	43.15 2.82 -0.01	40.77 2.60 0.00
BAYONEEC___CTG10 323750	40.66 2.66 0.00	38.00 2.39 0.00	37.04 2.29 0.00	36.37 2.25 0.00	36.43 2.19 0.00	39.74 2.53 0.00	57.23 3.34 -0.02	74.28 4.93 -1.78	70.87 4.12 -0.29	50.83 2.95 -0.32	47.61 2.88 -0.39	44.67 3.15 -1.10	44.72 2.86 -1.51	45.86 2.81 -3.47	45.76 2.96 -3.32	47.68 3.12 -3.05	52.77 3.44 -2.89	67.72 4.58 -0.33	87.93 4.90 -14.95	74.45 4.68 -3.82	57.15 3.79 -0.01	50.42 3.34 -0.01	43.15 2.82 -0.01	40.77 2.60 0.00
BAYONEEC___CTG2 323683	40.66 2.66 0.00	38.00 2.39 0.00	37.04 2.29 0.00	36.37 2.25 0.00	36.43 2.19 0.00	39.74 2.53 0.00	57.23 3.34 -0.02	74.28 4.93 -1.78	70.87 4.12 -0.29	50.83 2.95 -0.32	47.61 2.88 -0.39	44.67 3.15 -1.10	44.72 2.86 -1.51	45.86 2.81 -3.47	45.76 2.96 -3.32	47.68 3.12 -3.05	52.77 3.44 -2.89	67.72 4.58 -0.33	87.93 4.90 -14.95	74.45 4.68 -3.82	57.15 3.79 -0.01	50.42 3.34 -0.01	43.15 2.82 -0.01	40.77 2.60 0.00
BAYONEEC___CTG3 323684	40.66 2.66 0.00	38.00 2.39 0.00	37.04 2.29 0.00	36.37 2.25 0.00	36.43 2.19 0.00	39.74 2.53 0.00	57.23 3.34 -0.02	74.28 4.93 -1.78	70.87 4.12 -0.29	50.83 2.95 -0.32	47.61 2.88 -0.39	44.67 3.15 -1.10	44.72 2.86 -1.51	45.86 2.81 -3.47	45.76 2.96 -3.32	47.68 3.12 -3.05	52.77 3.44 -2.89	67.72 4.58 -0.33	87.93 4.90 -14.95	74.45 4.68 -3.82	57.15 3.79 -0.01	50.42 3.34 -0.01	43.15 2.82 -0.01	40.77 2.60 0.00
BAYONEEC___CTG4 323685	40.66 2.66 0.00	38.00 2.39 0.00	37.04 2.29 0.00	36.37 2.25 0.00	36.43 2.19 0.00	39.74 2.53 0.00	57.23 3.34 -0.02	74.28 4.93 -1.78	70.87 4.12 -0.29	50.83 2.95 -0.32	47.61 2.88 -0.39	44.67 3.15 -1.10	44.72 2.86 -1.51	45.86 2.81 -3.47	45.76 2.96 -3.32	47.68 3.12 -3.05	52.77 3.44 -2.89	67.72 4.58 -0.33	87.93 4.90 -14.95	74.45 4.68 -3.82	57.15 3.79 -0.01	50.42 3.34 -0.01	43.15 2.82 -0.01	40.77 2.60 0.00
BAYONEEC___CTG5 323686	40.66 2.66 0.00	38.00 2.39 0.00	37.04 2.29 0.00	36.37 2.25 0.00	36.43 2.19 0.00	39.74 2.53 0.00	57.23 3.34 -0.02	74.28 4.93 -1.78	70.87 4.12 -0.29	50.83 2.95 -0.32	47.61 2.88 -0.39	44.67 3.15 -1.10	44.72 2.86 -1.51	45.86 2.81 -3.47	45.76 2.96 -3.32	47.68 3.12 -3.05	52.77 3.44 -2.89	67.72 4.58 -0.33	87.93 4.90 -14.95	74.45 4.68 -3.82	57.15 3.79 -0.01	50.42 3.34 -0.01	43.15 2.82 -0.01	40.77 2.60 0.00
BAYONEEC___CTG6 323687	40.66 2.66 0.00	38.00 2.39 0.00	37.04 2.29 0.00	36.37 2.25 0.00	36.43 2.19 0.00	39.74 2.53 0.00	57.23 3.34 -0.02	74.28 4.93 -1.78	70.87 4.12 -0.29	50.83 2.95 -0.32	47.61 2.88 -0.39	44.67 3.15 -1.10	44.72 2.86 -1.51	45.86 2.81 -3.47	45.76 2.96 -3.32	47.68 3.12 -3.05	52.77 3.44 -2.89	67.72 4.58 -0.33	87.93 4.90 -14.95	74.45 4.68 -3.82	57.15 3.79 -0.01	50.42 3.34 -0.01	43.15 2.82 -0.01	40.77 2.60 0.00
BAYONEEC___CTG7 323688	40.66 2.66 0.00	38.00 2.39 0.00	37.04 2.29 0.00	36.37 2.25 0.00	36.43 2.19 0.00	39.74 2.53 0.00	57.23 3.34 -0.02	74.28 4.93 -1.78	70.87 4.12 -0.29	50.83 2.95 -0.32	47.61 2.88 -0.39	44.67 3.15 -1.10	44.72 2.86 -1.51	45.86 2.81 -3.47	45.76 2.96 -3.32	47.68 3.12 -3.05	52.77 3.44 -2.89	67.72 4.58 -0.33	87.93 4.90 -14.95	74.45 4.68 -3.82	57.15 3.79 -0.01	50.42 3.34 -0.01	43.15 2.82 -0.01	40.77 2.60 0.00

BAYONEEC___CTG8 323689	40.66 2.66 0.00	38.00 2.39 0.00	37.04 2.29 0.00	36.37 2.25 0.00	36.43 2.19 0.00	39.74 2.53 0.00	57.23 3.34 -0.02	74.28 4.93 -1.78	70.87 4.12 -0.29	50.83 2.95 -0.32	47.61 2.88 -0.39	44.67 3.15 -1.10	44.72 2.86 -1.51	45.86 2.81 -3.47	45.76 2.96 -3.32	47.68 3.12 -3.05	52.77 3.44 -2.89	67.72 4.58 -0.33	87.93 4.90 -14.95	74.45 4.68 -3.82	57.15 3.79 -0.01	50.42 3.34 -0.01	43.15 2.82 -0.01	40.77 2.60 0.00
BAYONEEC___CTG9 323749	40.66 2.66 0.00	38.00 2.39 0.00	37.04 2.29 0.00	36.37 2.25 0.00	36.43 2.19 0.00	39.74 2.53 0.00	57.23 3.34 -0.02	74.28 4.93 -1.78	70.87 4.12 -0.29	50.83 2.95 -0.32	47.61 2.88 -0.39	44.67 3.15 -1.10	44.72 2.86 -1.51	45.86 2.81 -3.47	45.76 2.96 -3.32	47.68 3.12 -3.05	52.77 3.44 -2.89	67.72 4.58 -0.33	87.93 4.90 -14.95	74.45 4.68 -3.82	57.15 3.79 -0.01	50.42 3.34 -0.01	43.15 2.82 -0.01	40.77 2.60 0.00
BEACON___LESR 323632	38.61 0.61 0.00	36.15 0.54 0.00	35.20 0.45 0.00	34.63 0.51 0.00	34.75 0.51 0.00	33.46 0.78 4.53	37.40 0.86 17.32	54.98 1.02 13.60	60.37 0.40 6.49	40.23 0.24 7.57	38.20 0.18 6.32	37.80 0.24 2.86	39.98 -0.16 0.20	38.95 -0.16 0.47	39.06 0.04 0.46	39.60 0.12 2.04	38.40 0.42 8.46	37.63 0.94 26.12	29.05 1.02 40.04	47.53 0.73 19.14	38.28 0.64 15.72	43.63 0.61 4.05	40.47 0.61 0.46	38.89 0.72 0.00
BEAVER RIVER___HYD 24048	38.53 0.53 0.00	36.46 0.82 -0.02	35.57 0.80 -0.03	34.78 0.61 -0.05	34.78 0.55 0.00	37.80 0.59 0.00	55.21 1.35 0.00	69.46 1.89 0.00	67.16 1.40 0.70	48.43 0.67 -0.21	45.09 0.53 -0.21	40.77 0.28 -0.06	40.69 0.28 -0.06	39.84 0.16 -0.10	39.24 -0.24 0.00	41.35 -0.17 0.00	46.12 -0.32 0.00	62.55 -0.25 0.00	68.35 0.27 0.00	66.20 0.26 0.00	53.52 0.16 0.00	47.69 0.61 0.00	40.60 0.28 0.00	38.21 0.04 0.00
BEEBEE_GT_13 23619	37.62 -0.38 0.00	35.26 -0.36 0.00	34.40 -0.35 0.00	33.64 -0.48 0.00	33.82 -0.41 0.00	36.54 -0.67 0.00	52.89 -0.97 0.00	66.01 -1.55 0.00	60.10 -1.66 4.70	46.94 -0.62 0.00	43.81 -0.53 0.00	40.44 0.00 -0.02	40.25 -0.12 -0.03	39.65 0.00 -0.07	39.35 -0.20 -0.07	41.25 -0.33 -0.06	45.62 -0.88 -0.06	61.30 -1.51 -0.01	66.17 -1.91 0.00	64.29 -1.65 0.00	52.08 -1.28 0.00	46.18 -0.89 0.00	39.35 -0.97 0.00	37.37 -0.80 0.00
BENSHRST_27_KV_BENSHRST_1 355998	41.12 3.12 -0.01	38.44 2.81 -0.01	37.43 2.68 -0.01	36.75 2.63 -0.01	36.81 2.57 -0.01	40.03 2.83 0.00	57.23 3.34 -0.02	73.81 4.46 -1.79	70.67 3.72 -0.49	50.55 2.66 -0.33	47.53 2.79 -0.40	44.48 2.95 -1.10	44.52 2.66 -1.52	45.72 2.65 -3.48	45.81 3.00 -3.33	47.53 2.95 -3.06	52.96 3.62 -2.90	67.91 4.77 -0.33	88.20 5.17 -14.95	70.76 4.81 -0.01	57.26 3.90 -0.01	50.52 3.44 -0.01	43.55 3.23 -0.01	41.27 3.09 -0.01
BETHLEHEM___GRP 23843	38.04 0.04 0.00	35.65 0.04 0.00	34.78 0.03 0.00	34.15 0.03 0.00	34.27 0.03 0.00	33.32 0.26 4.15	38.21 0.22 15.87	55.17 0.07 12.46	60.10 -0.47 5.89	40.20 -0.43 6.93	38.20 -0.35 5.79	37.55 -0.24 2.63	39.54 -0.61 0.20	38.60 -0.51 0.47	38.67 -0.36 0.46	39.28 -0.33 1.90	38.44 -0.09 7.91	38.52 0.06 24.35	31.25 0.14 36.97	65.74 -0.20 0.00	53.30 -0.05 0.00	47.08 0.00 0.00	40.36 0.04 0.00	38.29 0.11 0.00
BETHLEHEM___GS1 323560	38.04 0.04 0.00	35.65 0.04 0.00	34.71 -0.03 0.00	34.15 0.03 0.00	34.27 0.03 0.00	33.32 0.26 4.15	38.00 0.00 15.87	55.10 0.00 12.46	59.90 -0.53 6.03	40.20 -0.43 6.93	38.15 -0.40 5.79	37.55 -0.24 2.63	39.54 -0.60 0.20	38.52 -0.59 0.47	38.63 -0.39 0.46	39.28 -0.33 1.90	38.45 -0.19 7.81	38.86 0.06 24.00	31.11 0.00 36.97	48.12 -0.20 17.63	38.81 -0.11 14.45	43.35 0.00 3.72	39.94 0.04 0.42	38.32 0.15 0.00
BETHLEHEM___GS2 323561	38.04 0.04 0.00	35.65 0.04 0.00	34.71 -0.03 0.00	34.15 0.03 0.00	34.27 0.03 0.00	33.32 0.26 4.15	38.00 0.00 15.87	55.10 0.00 12.46	59.90 -0.53 6.03	40.20 -0.43 6.93	38.15 -0.40 5.79	37.55 -0.24 2.63	39.54 -0.60 0.20	38.52 -0.59 0.47	38.63 -0.39 0.46	39.28 -0.33 1.90	38.45 -0.19 7.81	38.86 0.06 24.00	31.11 0.00 36.97	48.12 -0.20 17.63	38.81 -0.11 14.45	43.35 0.00 3.72	39.94 0.04 0.42	38.32 0.15 0.00
BETHLEHEM___GS3 323562	38.04 0.04 0.00	35.65 0.04 0.00	34.71 -0.03 0.00	34.15 0.03 0.00	34.27 0.03 0.00	33.32 0.26 4.15	38.00 0.00 15.87	55.10 0.00 12.46	59.90 -0.53 6.03	40.20 -0.43 6.93	38.15 -0.40 5.79	37.55 -0.24 2.63	39.54 -0.60 0.20	38.52 -0.59 0.47	38.63 -0.39 0.46	39.28 -0.33 1.90	38.45 -0.19 7.81	38.86 0.06 24.00	31.11 0.00 36.97	48.12 -0.20 17.63	38.81 -0.11 14.45	43.35 0.00 3.72	39.94 0.04 0.42	38.32 0.15 0.00
BETHLEHEM___STEEL 23779	37.28 -0.72 0.00	34.91 -0.71 0.00	34.09 -0.66 0.00	33.19 -0.92 0.00	33.34 -0.89 0.00	35.90 -1.30 0.00	51.44 -2.42 0.00	63.31 -4.26 0.00	58.05 -3.85 4.56	45.75 -1.81 0.00	42.04 -2.31 0.00	39.36 -1.09 -0.03	39.09 -1.29 -0.04	38.45 -1.23 -0.09	38.07 -1.50 -0.09	39.69 -1.91 -0.08	43.41 -3.11 -0.08	57.98 -4.84 -0.01	63.18 -5.31 -0.42	61.52 -4.42 0.00	49.94 -3.41 0.00	44.58 -2.50 0.00	38.18 -2.14 0.00	36.38 -1.79 0.00
BETHLHEM_115KV_TB1 79974	38.19 0.19 0.00	35.80 0.18 0.00	34.92 0.17 0.00	34.29 0.17 0.00	34.41 0.17 0.00	33.73 0.37 3.85	39.50 0.38 14.74	56.32 0.34 11.58	60.73 -0.20 5.54	40.88 -0.24 6.44	38.79 -0.18 5.38	37.89 -0.08 2.46	39.74 -0.40 0.20	38.76 -0.36 0.47	38.83 -0.20 0.46	39.56 -0.17 1.80	39.16 0.09 7.38	40.44 0.25 22.61	33.97 0.41 34.51	66.01 0.07 0.00	53.52 0.16 0.00	47.22 0.14 0.00	40.48 0.16 0.00	38.44 0.27 0.00
BETHPAGE_CC_5 323564	40.17 2.16 0.00	37.54 1.92 0.00	36.62 1.88 0.00	35.92 1.81 0.00	36.01 1.78 0.00	39.44 2.23 0.00	51.31 1.72 4.28	55.20 3.38 15.74	53.90 2.39 14.95	46.23 1.71 3.04	42.59 1.91 3.66	41.94 2.59 1.07	42.16 2.34 0.52	42.87 2.29 -1.00	44.21 2.49 -2.24	44.49 2.62 -0.35	51.87 2.97 -2.46	66.97 3.96 -0.20	87.36 4.36 -14.92	73.77 4.02 -3.81	56.45 3.09 0.00	49.75 2.68 0.00	42.61 2.30 0.00	40.19 2.02 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	37.32 -0.68 0.00	34.94 -0.68 0.00	34.09 -0.66 0.00	33.19 -0.92 0.00	33.38 -0.86 0.00	35.94 -1.27 0.00	51.55 -2.32 0.00	63.45 -4.12 0.00	58.12 -3.79 4.55	45.75 -1.81 0.00	42.04 -2.31 0.00	39.32 -1.13 -0.03	39.09 -1.29 -0.04	38.41 -1.27 -0.09	38.07 -1.50 -0.09	39.65 -1.95 -0.08	43.41 -3.11 -0.08	57.98 -4.84 -0.01	63.26 -5.24 -0.42	61.59 -4.35 0.00	49.94 -3.41 0.00	44.58 -2.50 0.00	38.18 -2.14 0.00	36.34 -1.83 0.00
BINGHAMTON___COGEN 23790	38.30 0.30 0.00	35.87 0.25 0.00	34.99 0.24 0.00	34.29 0.17 0.00	34.44 0.21 0.00	37.36 0.15 0.00	54.30 0.43 0.00	67.91 0.27 -0.07	62.31 -0.20 3.96	47.47 -0.10 -0.01	44.22 -0.13 -0.01	40.68 0.20 -0.06	40.46 0.04 -0.08	39.86 0.08 -0.20	39.71 0.04 -0.19	41.69 0.00 -0.17	46.42 -0.19 -0.17	62.57 -0.25 -0.02	68.78 -0.14 -0.84	65.94 0.00 0.00	53.30 -0.05 0.00	47.12 0.05 0.00	40.32 0.00 0.00	38.17 0.00 0.00

BIXINCNT_115KV_LOAD 355685	37.43 -0.57 0.00	35.01 -0.61 0.00	34.12 -0.63 0.00	33.23 -0.89 0.00	33.31 -0.92 0.00	35.83 -1.38 0.00	51.49 -2.37 0.00	63.38 -4.19 0.00	57.69 -4.25 4.52	44.85 -2.71 0.00	40.97 -3.37 0.00	38.35 -2.10 -0.03	38.12 -2.26 -0.04	37.51 -2.18 -0.10	37.09 -2.49 -0.10	38.62 -2.99 -0.09	42.44 -4.09 -0.09	56.78 -6.03 -0.01	62.19 -6.33 -0.45	60.20 -5.74 0.00	48.77 -4.59 0.00	43.40 -3.67 0.00	37.30 -3.02 0.00	35.50 -2.67 0.00
BLACK RIVER___HYD 24047	38.65 0.65 0.00	36.54 0.89 -0.03	35.66 0.87 -0.05	34.82 0.61 -0.09	34.88 0.65 0.00	37.95 0.74 0.00	55.54 1.67 0.00	69.93 2.36 0.00	67.83 1.66 0.30	48.73 0.81 -0.36	45.38 0.67 -0.37	40.94 0.40 -0.11	40.77 0.32 -0.10	39.95 0.20 -0.17	39.32 -0.16 0.00	41.44 -0.08 0.00	46.35 -0.09 0.00	62.93 0.13 0.00	69.03 0.95 0.00	66.86 0.92 0.00	53.95 0.59 0.00	48.11 1.03 0.00	40.93 0.61 0.00	38.44 0.27 0.00
BLACKRVR_115KV_TB2 79977	38.65 0.65 0.00	36.54 0.89 -0.03	35.66 0.87 -0.05	34.82 0.61 -0.09	34.88 0.65 0.00	37.95 0.74 0.00	55.48 1.62 0.00	70.00 2.43 0.00	69.36 1.66 -1.23	48.73 0.81 -0.36	45.38 0.67 -0.37	40.94 0.40 -0.11	40.77 0.32 -0.10	39.95 0.20 -0.17	39.32 -0.16 0.00	41.44 -0.08 0.00	46.30 -0.14 0.00	62.93 0.13 0.00	69.03 0.95 0.00	66.93 0.99 0.00	53.94 0.59 0.00	48.11 1.04 0.00	40.92 0.60 0.00	38.44 0.27 0.00
BLDWN_LI_69_KV_BK4 356085	40.39 2.39 0.00	37.72 2.10 0.00	36.80 2.05 0.00	36.06 1.94 0.00	36.19 1.95 0.00	39.48 2.27 0.00	53.51 2.26 2.62	62.32 4.19 9.44	60.31 3.12 9.28	47.82 2.09 1.83	44.62 2.48 2.21	43.08 2.95 0.29	43.17 2.62 -0.21	44.12 2.65 -1.89	44.95 2.84 -2.63	45.79 2.95 -1.32	52.54 3.48 -2.61	67.70 4.65 -0.25	88.10 5.11 -14.92	70.68 4.75 0.00	57.09 3.74 0.00	50.13 3.06 0.00	42.90 2.58 0.00	40.38 2.21 0.00
BLISS_WT_PWR 323608	37.43 -0.57 0.00	34.98 -0.64 0.00	34.02 -0.73 0.00	33.19 -0.92 0.00	33.24 -0.99 0.00	35.65 -1.56 0.00	51.39 -2.48 0.00	62.84 -4.73 0.00	55.36 -4.79 6.31	44.23 -3.33 0.00	40.53 -3.81 0.00	38.10 -2.35 -0.02	37.84 -2.54 -0.04	37.18 -2.49 -0.09	36.73 -2.84 -0.09	38.19 -3.40 -0.08	42.02 -4.50 -0.08	56.15 -6.66 -0.01	61.54 -6.94 -0.41	59.46 -6.59 -0.11	47.97 -5.39 0.00	42.70 -4.38 0.00	36.89 -3.43 0.00	35.15 -3.02 0.00
BLUESTONE___WT_PWR 323821	39.44 1.44 0.00	37.04 1.43 0.00	36.17 1.43 0.00	35.31 1.19 0.00	35.53 1.30 0.00	38.58 1.38 0.00	56.40 2.53 0.00	71.10 3.38 -0.16	65.56 2.52 3.43	49.20 1.62 -0.02	45.83 1.46 -0.03	42.06 1.50 -0.14	41.92 1.37 -0.20	41.33 1.27 -0.48	41.05 1.10 -0.47	43.14 1.20 -0.42	48.24 1.39 -0.41	65.30 2.45 -0.05	73.27 3.07 -2.13	69.38 2.90 -0.54	55.60 2.24 0.00	48.91 1.83 0.00	41.73 1.41 0.00	39.31 1.14 0.00
BLUE_CIRC_CHEM_DRP 24182	38.76 0.76 0.00	36.33 0.71 0.00	35.48 0.73 0.00	34.83 0.72 0.00	35.02 0.79 0.00	35.84 1.04 2.41	46.04 1.40 9.23	61.99 1.69 7.26	63.66 1.00 3.80	44.05 0.52 4.03	41.37 0.40 3.37	39.25 0.40 1.57	40.08 -0.08 0.18	39.12 -0.04 0.42	39.19 0.12 0.41	40.49 0.21 1.24	42.37 0.65 4.72	49.78 1.13 14.15	44.19 1.36 25.25	66.93 0.99 0.00	54.26 0.91 0.00	47.88 0.80 0.00	41.05 0.73 0.00	38.97 0.80 0.00
BOC_GAS_DRP 24189	38.61 0.61 0.00	36.15 0.53 0.00	35.30 0.56 0.00	34.66 0.55 0.00	34.78 0.55 0.00	35.66 0.67 2.21	46.26 0.86 8.47	61.97 1.08 6.68	63.51 0.60 3.55	44.19 0.33 3.70	41.61 0.35 3.09	39.40 0.44 1.46	40.31 0.16 0.20	39.31 0.20 0.47	39.38 0.36 0.45	40.69 0.37 1.20	42.65 0.60 4.39	50.78 0.94 12.97	48.14 0.95 20.89	66.73 0.79 0.00	54.05 0.69 0.00	47.74 0.66 0.00	40.92 0.60 0.00	38.78 0.61 0.00
BOONVILLE_115KV_TB1 79983	38.72 0.72 0.00	36.47 0.85 0.00	35.62 0.87 0.00	34.80 0.68 0.00	34.92 0.68 0.00	37.99 0.78 0.00	55.37 1.51 0.00	69.66 2.09 0.00	67.10 1.79 1.16	48.65 1.09 0.00	45.23 0.89 0.00	41.15 0.73 0.00	41.03 0.69 0.00	40.18 0.59 0.00	39.84 0.36 0.00	41.89 0.37 0.00	46.86 0.42 0.00	63.56 0.75 0.00	69.23 1.16 0.00	67.06 1.12 0.00	54.16 0.80 0.00	48.07 0.99 0.00	40.97 0.65 0.00	38.63 0.46 0.00
BORALEX_4TH_BRANCH 23824	39.48 1.48 0.00	37.01 1.39 0.00	36.14 1.39 0.00	35.38 1.26 0.00	35.67 1.44 0.00	46.23 1.67 -7.35	84.28 2.32 -28.10	92.17 2.70 -21.90	76.70 2.06 -8.17	61.41 1.38 -12.47	56.02 1.29 -10.39	46.09 1.29 -4.37	40.87 0.73 0.20	39.86 0.75 0.47	40.09 1.07 0.46	45.06 1.25 -2.29	61.34 1.72 -13.17	109.27 2.57 -43.89	133.12 2.93 -62.12	68.71 2.77 0.00	55.76 2.40 0.00	49.24 2.17 0.00	42.13 1.81 0.00	39.96 1.79 0.00
BOWLINE___1 23526	40.32 2.32 0.00	37.72 2.10 0.00	36.73 1.98 0.00	36.06 1.94 0.00	36.15 1.92 0.00	39.40 2.19 0.00	56.89 3.01 -0.01	72.79 4.33 -0.89	69.17 3.26 0.55	49.99 2.28 -0.15	46.74 2.22 -0.18	43.79 2.47 -0.90	43.80 2.18 -1.28	44.79 2.18 -3.04	44.73 2.29 -2.96	46.57 2.41 -2.64	51.78 2.74 -2.60	66.80 3.70 -0.29	85.70 4.08 -13.54	73.22 3.82 -3.46	56.51 3.15 0.00	49.90 2.82 0.00	42.70 2.38 0.00	40.38 2.21 0.00
BOWLINE___2 23595	40.28 2.28 0.00	37.68 2.07 0.00	36.73 1.98 0.00	36.06 1.94 0.00	36.15 1.92 0.00	39.40 2.19 0.00	56.84 2.96 -0.01	72.79 4.33 -0.89	69.17 3.26 0.55	49.94 2.24 -0.15	46.74 2.22 -0.18	43.79 2.47 -0.90	43.80 2.18 -1.28	44.79 2.18 -3.04	44.73 2.29 -2.96	46.57 2.41 -2.64	51.78 2.74 -2.60	66.80 3.70 -0.29	85.63 4.02 -13.53	73.22 3.82 -3.46	56.51 3.15 0.00	49.90 2.82 0.00	42.70 2.38 0.00	40.35 2.17 0.00
BRADY___115KV_TB2 356060	38.72 0.72 0.00	36.40 0.78 0.00	35.44 0.69 0.00	34.80 0.68 0.00	34.92 0.68 0.00	38.03 0.82 0.00	55.10 1.24 0.00	69.12 1.55 0.00	67.79 1.33 0.00	48.37 0.81 0.00	44.97 0.62 0.00	40.79 0.36 0.00	41.03 0.69 0.00	40.10 0.51 0.00	39.84 0.36 0.00	41.93 0.42 0.00	46.81 0.37 0.00	63.37 0.57 0.00	68.82 0.75 0.00	66.93 0.99 0.00	54.00 0.64 0.00	47.59 0.52 0.00	40.76 0.44 0.00	38.55 0.38 0.00
BRANSCOMB___SOLAR 323811	39.37 1.37 0.00	36.90 1.28 0.00	35.96 1.22 0.00	35.38 1.26 0.00	35.53 1.30 0.00	43.70 1.53 -4.96	74.90 2.05 -18.99	84.98 2.63 -14.78	73.42 1.86 -5.10	57.05 1.09 -8.40	52.22 0.89 -6.99	44.18 0.85 -2.91	40.61 0.44 0.18	39.51 0.36 0.43	39.69 0.63 0.42	43.67 0.71 -1.45	56.44 1.16 -8.83	94.48 1.95 -29.73	111.95 2.45 -41.43	88.92 2.05 -20.94	73.22 1.76 -18.10	53.30 1.55 -4.67	42.26 1.41 -0.53	39.58 1.41 0.00
BRDGHMPT_69_KV_BK1 55812	39.98 1.98 0.00	37.26 1.64 0.00	36.38 1.63 0.00	35.79 1.67 0.00	36.01 1.78 0.00	39.55 2.34 0.00	49.95 1.56 5.47	50.55 3.11 20.13	49.95 2.06 18.57	44.92 1.24 3.88	41.27 1.60 4.68	40.84 2.02 1.61	40.89 1.57 1.03	41.59 1.62 -0.38	43.39 1.93 -1.97	43.27 2.08 0.32	51.53 2.74 -2.35	66.49 3.52 -0.17	86.94 3.95 -14.92	69.56 3.63 0.00	56.18 2.83 0.00	49.66 2.59 0.00	42.37 2.06 0.00	40.31 2.14 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	40.55 2.55 0.00	37.79 2.17 0.00	36.90 2.15 0.00	36.16 2.05 0.00	36.29 2.05 0.00	39.66 2.46 0.00	50.15 1.56 5.27	51.47 3.31 19.40	50.85 2.33 17.94	45.29 1.47 3.74	41.74 1.91 4.51	41.33 2.43 1.52	41.45 2.06 0.94	42.16 2.10 -0.49	43.83 2.33 -2.02	43.67 2.37 0.21	51.69 2.88 -2.37	67.38 4.40 -0.18	87.96 4.97 -14.92	70.55 4.62 0.00	56.93 3.57 0.00	50.13 3.06 0.00	42.86 2.54 0.00	40.54 2.37 0.00
BRISTLHL_115KV_TB1 79998	37.24 -0.76 0.00	34.94 -0.75 -0.07	34.13 -0.73 -0.12	33.58 -0.75 -0.21	33.51 -0.72 0.00	36.43 -0.78 0.00	52.79 -1.08 0.00	66.22 -1.35 0.00	69.52 -1.73 -4.78	47.25 -1.19 -0.88	44.31 -0.93 -0.90	39.97 -0.73 -0.27	39.79 -0.81 -0.26	39.24 -0.75 -0.41	38.69 -0.79 0.00	40.69 -0.83 0.00	45.42 -1.02 0.00	61.42 -1.38 0.00	66.65 -1.43 0.00	64.56 -1.38 0.00	52.18 -1.17 0.00	46.09 -0.99 0.00	39.51 -0.81 0.00	37.33 -0.84 0.00
BROOKHAVEN___DRP 24191	39.98 1.98 0.00	37.29 1.67 0.00	36.38 1.63 0.00	35.68 1.57 0.00	35.84 1.61 0.00	39.33 2.12 0.00	49.84 1.45 5.48	50.53 3.11 20.14	49.94 2.06 18.58	44.91 1.24 3.88	41.31 1.64 4.68	40.96 2.14 1.61	41.05 1.73 1.03	41.74 1.78 -0.38	43.47 2.01 -1.97	43.31 2.12 0.32	51.49 2.69 -2.35	66.43 3.45 -0.17	86.81 3.81 -14.92	69.43 3.49 0.00	56.13 2.77 0.00	49.61 2.54 0.00	42.45 2.14 0.00	40.23 2.06 0.00
BROOKLYN_NAVY_YARD 23515	40.70 2.70 0.00	38.07 2.46 0.00	37.07 2.33 0.00	36.40 2.29 0.00	36.46 2.22 0.00	39.77 2.57 0.00	57.38 3.50 -0.02	74.59 5.13 -1.89	71.18 4.32 -0.39	50.99 3.09 -0.35	47.80 3.06 -0.40	44.79 3.27 -1.10	44.84 2.99 -1.51	45.98 2.93 -3.47	45.88 3.08 -3.32	47.81 3.24 -3.05	52.96 3.62 -2.90	67.91 4.77 -0.33	88.20 5.17 -14.95	74.64 4.88 -3.82	57.31 3.95 -0.01	50.57 3.48 -0.01	43.27 2.94 -0.01	40.84 2.67 0.00
BROOKLYN___ARMY_DRP 323595	41.01 3.00 -0.01	38.33 2.71 -0.01	37.33 2.57 -0.01	36.61 2.49 -0.01	36.71 2.46 -0.01	39.92 2.72 0.00	57.07 3.18 -0.02	73.61 4.26 -1.79	70.41 3.46 -0.49	50.36 2.47 -0.33	47.36 2.62 -0.40	44.32 2.79 -1.10	44.36 2.50 -1.52	45.56 2.49 -3.48	45.65 2.84 -3.33	47.36 2.78 -3.06	52.78 3.44 -2.90	67.66 4.52 -0.33	87.86 4.83 -14.95	70.43 4.48 -0.01	57.05 3.68 -0.01	50.33 3.25 -0.01	43.39 3.06 -0.01	41.12 2.94 -0.01
BROOME_2_LFGE 323671	38.30 0.30 0.00	35.87 0.25 0.00	34.99 0.24 0.00	34.29 0.17 0.00	34.44 0.21 0.00	37.36 0.15 0.00	54.29 0.43 0.00	67.78 0.14 -0.07	61.11 -0.33 5.03	47.38 -0.19 -0.01	44.18 -0.18 -0.01	40.68 0.20 -0.06	40.42 0.00 -0.08	39.81 0.04 -0.19	39.67 0.00 -0.19	41.64 -0.04 -0.17	46.37 -0.23 -0.16	62.45 -0.37 -0.02	68.78 -0.14 -0.84	66.02 -0.13 -0.21	53.15 -0.21 0.00	47.03 -0.05 0.00	40.32 0.00 0.00	38.13 -0.04 0.00
BROOME___LFGE 323600	38.30 0.30 0.00	35.87 0.25 0.00	34.99 0.24 0.00	34.29 0.17 0.00	34.44 0.21 0.00	37.36 0.15 0.00	54.29 0.43 0.00	67.78 0.14 -0.07	61.11 -0.33 5.03	47.38 -0.19 -0.01	44.18 -0.18 -0.01	40.68 0.20 -0.06	40.42 0.00 -0.08	39.81 0.04 -0.19	39.67 0.00 -0.19	41.64 -0.04 -0.17	46.37 -0.23 -0.16	62.45 -0.37 -0.02	68.78 -0.14 -0.84	66.02 -0.13 -0.21	53.15 -0.21 0.00	47.03 -0.05 0.00	40.32 0.00 0.00	38.13 -0.04 0.00
BROWNFLS_115KV_TB 3_5 80003	38.57 0.57 0.00	36.41 0.78 -0.01	35.50 0.73 -0.02	34.76 0.61 -0.04	34.82 0.58 0.00	37.88 0.67 0.00	55.05 1.19 0.00	69.19 1.62 0.00	68.23 1.26 -0.50	48.42 0.71 -0.15	45.11 0.62 -0.15	40.83 0.36 -0.05	40.87 0.48 -0.04	39.97 0.32 -0.07	39.48 0.00 0.00	41.56 0.04 0.00	46.16 -0.28 0.00	62.43 -0.38 0.00	68.01 -0.07 0.00	66.07 0.13 0.00	53.41 0.05 0.00	47.59 0.52 0.00	40.60 0.28 0.00	38.29 0.11 0.00
BROWNSV1_27_KV_LOAD 356125	40.93 2.93 0.00	38.25 2.64 0.00	37.25 2.50 0.00	36.57 2.46 0.00	36.63 2.40 0.00	39.92 2.72 0.00	57.71 3.82 -0.02	74.95 5.61 -1.78	71.66 4.72 -0.48	51.21 3.33 -0.32	48.06 3.33 -0.39	44.96 3.44 -1.10	45.00 3.15 -1.51	46.22 3.17 -3.47	46.08 3.28 -3.32	48.02 3.45 -3.05	53.28 3.95 -2.89	68.35 5.21 -0.33	88.61 5.58 -14.95	71.22 5.28 -0.01	57.69 4.32 -0.01	50.80 3.72 -0.01	43.43 3.10 -0.01	41.03 2.86 0.00
BURROWS___LYONSDAL 23803	38.65 0.65 0.00	36.48 0.85 -0.01	35.59 0.83 -0.01	34.82 0.68 -0.02	34.88 0.65 0.00	37.95 0.74 0.00	55.32 1.45 0.00	69.59 2.03 0.00	67.42 1.66 0.71	48.61 0.95 -0.10	45.25 0.80 -0.10	41.06 0.61 -0.03	40.94 0.56 -0.03	40.06 0.44 -0.05	39.64 0.16 0.00	41.73 0.21 0.00	46.63 0.19 0.00	63.24 0.44 0.00	68.96 0.88 0.00	66.73 0.79 0.00	53.94 0.59 0.00	47.88 0.80 0.00	40.80 0.48 0.00	38.48 0.31 0.00
CAITHNESS_CC_1 323624	39.98 1.97 0.00	37.26 1.64 0.00	36.38 1.63 0.00	35.68 1.57 0.00	35.81 1.58 0.00	39.36 2.16 0.00	49.68 1.29 5.48	50.25 2.84 20.16	49.53 1.86 18.79	44.86 1.19 3.88	41.08 1.42 4.68	40.91 2.10 1.61	41.04 1.73 1.03	41.66 1.70 -0.38	43.42 1.97 -1.97	43.27 2.08 0.33	51.30 2.51 -2.35	66.18 3.20 -0.17	86.53 3.54 -14.92	73.05 3.30 -3.81	55.91 2.56 0.00	49.57 2.49 0.00	42.41 2.10 0.00	40.15 1.98 0.00
CALPINE BETH_PAGE_GT4 24209	40.28 2.28 0.00	37.61 1.99 0.00	36.69 1.95 0.00	35.99 1.88 0.00	36.08 1.85 0.00	39.36 2.16 0.00	51.96 1.94 3.84	57.22 3.78 14.13	55.90 2.79 13.36	46.68 1.85 2.73	43.27 2.22 3.29	42.22 2.67 0.87	42.51 2.50 0.34	43.34 2.53 -1.23	44.54 2.72 -2.34	44.94 2.82 -0.60	52.10 3.16 -2.50	67.23 4.21 -0.21	87.62 4.63 -14.92	70.16 4.22 0.00	56.66 3.31 0.00	49.80 2.73 0.00	42.73 2.42 0.00	40.31 2.14 0.00
CALPINE_BETH_PAGE_GT_4 323586	40.28 2.28 0.00	37.61 1.99 0.00	36.69 1.94 0.00	35.99 1.88 0.00	36.08 1.85 0.00	39.51 2.31 0.00	51.86 1.83 3.84	56.95 3.51 14.13	55.44 2.52 13.55	46.63 1.81 2.73	43.05 2.00 3.29	42.22 2.67 0.87	42.51 2.50 0.34	43.26 2.45 -1.22	44.46 2.65 -2.34	44.90 2.78 -0.60	52.00 3.06 -2.49	67.10 4.08 -0.21	87.49 4.49 -14.92	73.91 4.16 -3.81	56.55 3.20 0.00	49.85 2.78 0.00	42.78 2.46 0.00	40.27 2.10 0.00
CALPINE_BP_GT1 23823	40.28 2.28 0.00	37.61 1.99 0.00	36.69 1.94 0.00	35.99 1.88 0.00	36.08 1.85 0.00	39.51 2.31 0.00	51.86 1.83 3.84	56.95 3.51 14.13	55.44 2.52 13.55	46.63 1.81 2.73	43.05 2.00 3.29	42.22 2.67 0.87	42.51 2.50 0.34	43.26 2.45 -1.22	44.46 2.65 -2.34	44.90 2.78 -0.60	52.00 3.06 -2.49	67.10 4.08 -0.21	87.49 4.49 -14.92	73.91 4.16 -3.81	56.55 3.20 0.00	49.85 2.78 0.00	42.78 2.46 0.00	40.27 2.10 0.00
CALSPAN___DRP 24200	37.28 -0.72 0.00	34.91 -0.71 0.00	34.09 -0.66 0.00	33.19 -0.92 0.00	33.34 -0.89 0.00	35.90 -1.30 0.00	51.44 -2.42 0.00	63.31 -4.26 0.00	58.05 -3.85 4.56	45.75 -1.81 0.00	42.04 -2.31 0.00	39.36 -1.09 -0.03	39.09 -1.29 -0.04	38.45 -1.23 -0.09	38.07 -1.50 -0.09	39.69 -1.91 -0.08	43.41 -3.11 -0.08	57.98 -4.84 -0.01	63.18 -5.31 -0.42	61.52 -4.42 0.00	49.94 -3.41 0.00	44.58 -2.50 0.00	38.18 -2.14 0.00	36.38 -1.79 0.00

CALVERTON___SOLAR 323806	40.01 2.01 0.00	37.29 1.67 0.00	36.41 1.67 0.00	35.72 1.60 0.00	35.88 1.64 0.00	39.51 2.31 0.00	49.90 1.51 5.47	50.47 3.04 20.14	49.75 2.06 18.77	44.91 1.23 3.88	41.09 1.42 4.68	40.92 2.10 1.61	41.04 1.73 1.03	41.66 1.70 -0.38	43.42 1.97 -1.97	43.31 2.12 0.33	51.44 2.65 -2.35	66.43 3.45 -0.17	86.87 3.88 -14.92	73.31 3.56 -3.81	56.13 2.77 0.00	49.80 2.73 0.00	42.53 2.22 0.00	40.27 2.10 0.00
CANDIGU_WT_PWR 323617	37.92 -0.08 0.00	35.41 -0.21 0.00	34.43 -0.31 0.00	33.74 -0.37 0.00	33.82 -0.41 0.00	36.65 -0.56 0.00	53.33 -0.54 0.00	66.34 -1.29 -0.06	58.49 -2.39 5.58	5.06 -2.04 40.46	4.93 -2.08 37.33	1.85 -1.37 37.20	1.85 -1.61 36.88	1.75 -1.50 36.32	1.79 -1.54 36.15	39.81 -1.83 -0.12	44.10 -2.46 -0.12	59.62 -3.20 -0.01	65.32 -3.13 -0.37	63.25 -2.83 -0.14	50.90 -2.45 0.00	45.14 -1.93 0.00	38.83 -1.49 0.00	36.87 -1.30 0.00
CARR STREET_E_SYR 24060	37.43 -0.57 0.00	35.05 -0.57 0.00	34.19 -0.56 0.00	33.53 -0.58 0.00	33.68 -0.55 0.00	36.61 -0.60 0.00	53.16 -0.70 0.00	66.56 -1.01 0.00	58.64 -1.40 6.42	46.69 -0.95 -0.08	43.68 -0.66 0.00	40.02 -0.40 0.00	39.82 -0.53 0.00	39.11 -0.47 0.00	38.97 -0.51 0.00	40.94 -0.58 0.00	45.70 -0.74 0.00	61.74 -1.07 0.00	67.06 -1.02 0.00	64.88 -1.06 0.00	52.45 -0.91 0.00	46.32 -0.76 0.00	39.67 -0.65 0.00	37.52 -0.65 0.00
CARTHAGE___PAPER 23857	38.65 0.65 0.00	36.53 0.89 -0.03	35.66 0.87 -0.04	34.83 0.65 -0.07	34.85 0.62 0.00	37.91 0.71 0.00	55.43 1.56 0.00	69.79 2.23 0.00	67.60 1.59 0.46	48.62 0.76 -0.30	45.23 0.57 -0.31	40.80 0.28 -0.09	40.71 0.28 -0.09	39.88 0.16 -0.14	39.28 -0.20 0.00	41.39 -0.12 0.00	46.26 -0.19 0.00	62.80 0.00 0.00	68.76 0.68 0.00	66.60 0.66 0.00	53.78 0.42 0.00	47.92 0.85 0.00	40.81 0.49 0.00	38.36 0.19 0.00
CASSADAGA_WT_PWR 323784	37.47 -0.53 0.00	35.19 -0.43 0.00	34.05 -0.69 0.00	33.16 -0.95 0.00	33.21 -1.03 0.00	35.68 -1.53 0.00	51.65 -2.21 0.00	63.31 -4.25 0.00	55.67 -4.45 6.34	44.85 -2.71 0.00	41.20 -3.15 0.00	38.51 -1.94 -0.02	38.20 -2.18 -0.04	37.49 -2.18 -0.09	37.16 -2.41 -0.09	38.61 -2.99 -0.08	42.48 -4.04 -0.08	56.91 -5.91 -0.01	62.22 -6.26 -0.40	60.65 -5.41 -0.11	48.82 -4.54 0.00	43.55 -3.53 0.00	37.54 -2.78 0.00	35.73 -2.44 0.00
CE_DUNWOOD___DRP 24194	40.39 2.39 0.00	37.79 2.17 0.00	36.83 2.08 0.00	36.16 2.05 0.00	36.25 2.02 0.00	39.48 2.27 0.00	57.06 3.18 -0.01	73.34 4.66 -1.11	70.07 3.72 0.11	50.32 2.57 -0.19	47.19 2.62 -0.23	44.15 2.71 -1.02	44.25 2.46 -1.44	45.45 2.45 -3.41	45.36 2.57 -3.32	47.23 2.74 -2.98	52.46 3.11 -2.91	67.28 4.15 -0.33	87.61 4.42 -15.11	70.10 4.15 0.00	56.78 3.41 0.00	50.09 3.01 0.00	42.82 2.50 0.00	40.50 2.33 0.00
CE_MILLWOOD___DRP 24193	40.36 2.36 0.00	37.72 2.10 0.00	36.76 2.02 0.00	36.09 1.98 0.00	36.19 1.95 0.00	39.40 2.20 0.00	56.95 3.07 -0.01	73.04 4.53 -0.95	69.73 3.52 0.26	50.14 2.43 -0.16	46.98 2.44 -0.19	44.02 2.59 -1.01	44.08 2.30 -1.44	45.34 2.34 -3.42	45.27 2.45 -3.34	47.07 2.57 -2.98	52.35 2.97 -2.93	67.09 3.96 -0.33	87.63 4.29 -15.27	69.96 4.02 0.00	56.67 3.31 0.00	50.00 2.92 0.00	42.74 2.42 0.00	40.46 2.29 0.00
CE_NYC2_DRP 24202	40.86 2.85 -0.01	38.19 2.56 -0.01	37.22 2.47 -0.01	36.54 2.42 -0.01	36.60 2.36 -0.01	39.85 2.64 0.00	57.12 3.23 -0.02	74.13 4.66 -1.90	70.91 3.85 -0.59	50.66 2.76 -0.35	47.64 2.88 -0.42	44.57 3.03 -1.11	44.61 2.74 -1.52	45.80 2.73 -3.49	45.77 2.96 -3.33	47.62 3.03 -3.07	52.82 3.48 -2.90	67.72 4.58 -0.33	87.92 4.90 -14.95	70.50 4.55 -0.01	57.05 3.68 -0.01	50.38 3.30 -0.01	43.31 2.98 -0.01	40.93 2.75 -0.01
CE_NYC_DRP 24195	40.70 2.70 0.00	38.08 2.46 0.00	37.07 2.33 0.00	36.40 2.29 0.00	36.46 2.23 0.00	39.77 2.57 0.00	57.39 3.50 -0.02	74.52 5.20 -1.75	71.24 4.32 -0.46	50.92 3.04 -0.32	47.79 3.06 -0.38	44.71 3.19 -1.09	44.75 2.90 -1.51	45.98 2.93 -3.47	45.84 3.04 -3.32	47.76 3.20 -3.05	52.96 3.62 -2.89	67.91 4.77 -0.33	88.13 5.11 -14.95	70.76 4.81 -0.01	57.26 3.90 -0.01	50.47 3.39 -0.01	43.19 2.86 -0.01	40.80 2.63 0.00
CHAFFEE___LFGE 323603	37.32 -0.68 0.00	34.94 -0.68 0.00	34.09 -0.66 0.00	33.23 -0.89 0.00	33.41 -0.82 0.00	35.94 -1.27 0.00	51.76 -2.10 0.00	63.38 -4.19 0.00	56.24 -3.86 6.36	45.56 -2.00 0.00	42.13 -2.22 0.00	39.52 -0.93 -0.02	39.21 -1.17 -0.04	38.48 -1.19 -0.09	38.11 -1.46 -0.09	39.68 -1.91 -0.07	43.55 -2.97 -0.08	58.10 -4.71 -0.01	63.43 -5.04 -0.39	61.70 -4.35 -0.11	49.78 -3.57 0.00	44.44 -2.64 0.00	38.31 -2.01 0.00	36.42 -1.76 0.00
CHATEAUG_35_KV_LOAD 355732	38.27 0.27 0.00	35.97 0.36 0.00	35.06 0.31 0.00	34.49 0.38 0.00	34.61 0.38 0.00	37.62 0.41 0.00	54.13 0.27 0.00	68.11 0.54 0.00	67.06 0.60 0.00	47.99 0.43 0.00	44.61 0.27 0.00	40.46 0.04 0.00	40.62 0.28 0.00	39.70 0.12 0.00	39.44 -0.04 0.00	41.48 -0.04 0.00	46.30 -0.14 0.00	62.61 -0.19 0.00	67.80 -0.27 0.00	65.87 -0.07 0.00	53.09 -0.27 0.00	46.65 -0.42 0.00	40.08 -0.24 0.00	37.98 -0.19 0.00
CHATEAUG_WT_PWR 323614	38.19 0.19 0.00	35.90 0.28 0.00	34.99 0.24 0.00	34.42 0.31 0.00	34.51 0.27 0.00	37.50 0.30 0.00	54.29 0.43 0.00	68.04 0.48 0.00	66.93 0.47 0.00	47.84 0.29 0.00	44.83 0.49 0.00	40.58 0.16 0.00	40.75 0.40 0.00	39.82 0.24 0.00	39.40 -0.08 0.00	41.35 -0.17 0.00	46.26 -0.19 0.00	62.18 -0.63 0.00	67.12 -0.95 0.00	65.02 -0.92 0.00	52.40 -0.96 0.00	45.95 -1.13 0.00	39.55 -0.77 0.00	37.52 -0.65 0.00
CHAT_HIGH_FALL_HYD 323578	38.27 0.27 0.00	35.97 0.36 0.00	35.06 0.31 0.00	34.49 0.38 0.00	34.61 0.38 0.00	37.62 0.41 0.00	54.13 0.27 0.00	68.11 0.54 0.00	67.06 0.60 0.00	47.99 0.43 0.00	44.61 0.27 0.00	40.46 0.04 0.00	40.62 0.28 0.00	39.70 0.12 0.00	39.44 -0.04 0.00	41.48 -0.04 0.00	46.30 -0.14 0.00	62.61 -0.19 0.00	67.80 -0.27 0.00	65.87 -0.07 0.00	53.09 -0.27 0.00	46.65 -0.42 0.00	40.08 -0.24 0.00	37.98 -0.19 0.00
CHAUTAUQUA___LFGE 323629	37.58 -0.42 0.00	35.19 -0.43 0.00	34.19 -0.56 0.00	33.36 -0.75 0.00	33.48 -0.75 0.00	36.01 -1.19 0.00	52.03 -1.83 0.00	63.65 -3.92 0.00	56.24 -3.86 6.37	45.42 -2.14 0.00	41.91 -2.44 0.00	39.27 -1.17 -0.02	38.96 -1.41 -0.04	38.25 -1.42 -0.09	37.91 -1.66 -0.09	39.43 -2.16 -0.07	43.31 -3.20 -0.08	57.91 -4.90 -0.01	63.23 -5.24 -0.39	61.63 -4.42 -0.11	49.73 -3.63 0.00	44.34 -2.73 0.00	38.22 -2.10 0.00	36.34 -1.83 0.00
CHERRYST_13_KV_LD 356241	40.81 2.81 0.00	38.15 2.53 0.00	37.14 2.40 0.00	36.47 2.35 0.00	36.56 2.33 0.00	39.85 2.64 0.00	57.55 3.66 -0.02	74.72 5.41 -1.75	71.51 4.59 -0.46	51.06 3.19 -0.32	47.96 3.24 -0.38	44.87 3.36 -1.09	44.91 3.07 -1.51	46.10 3.05 -3.47	46.00 3.20 -3.32	47.93 3.36 -3.05	53.15 3.81 -2.89	68.16 5.02 -0.33	88.34 5.31 -14.95	70.96 5.01 -0.01	57.42 4.06 -0.01	50.61 3.53 -0.01	43.27 2.94 -0.01	40.88 2.71 0.00

CHESTROR_138KV_BK263 355645	40.17 2.17 0.00	37.58 1.96 0.00	36.62 1.88 0.00	35.96 1.84 0.00	36.05 1.81 0.00	39.25 2.05 0.00	56.84 2.96 -0.01	72.65 4.32 -0.76	68.95 2.99 0.50	49.63 1.95 -0.12	46.48 2.00 -0.14	43.25 2.10 -0.72	43.22 1.86 -1.03	43.88 1.86 -2.44	43.83 1.97 -2.37	45.72 2.08 -2.12	50.99 2.46 -2.08	66.43 3.39 -0.24	82.66 3.74 -10.84	69.44 3.49 0.00	56.24 2.88 0.00	49.62 2.54 0.00	42.42 2.10 0.00	40.12 1.95 0.00
CH_MIDHUDSON___DRP 24192	39.94 1.94 0.00	37.36 1.75 0.00	36.45 1.70 0.00	35.79 1.67 0.00	35.88 1.64 0.00	39.07 1.86 0.00	56.40 2.53 0.00	71.28 3.72 0.00	68.20 2.79 1.05	49.39 1.85 0.02	46.18 1.86 0.03	42.31 1.98 0.10	41.86 1.65 0.13	40.97 1.70 0.31	41.00 1.82 0.30	43.20 1.95 0.27	48.55 2.37 0.26	66.04 3.27 0.03	70.64 3.54 0.98	69.24 3.30 0.00	56.08 2.72 0.00	49.48 2.40 0.00	42.34 2.02 0.00	40.04 1.87 0.00
CH_MISC_IPPS 23765	40.24 2.24 0.00	37.68 2.07 0.00	36.76 2.01 0.00	36.06 1.94 0.00	36.15 1.92 0.00	39.40 2.19 0.00	56.88 3.01 0.00	71.91 4.26 -0.08	68.62 3.32 1.16	49.79 2.24 0.00	46.43 2.08 0.00	42.77 2.26 -0.08	42.44 1.98 -0.12	41.82 1.94 -0.30	41.83 2.05 -0.30	43.98 2.20 -0.26	49.30 2.60 -0.26	66.47 3.64 -0.03	73.42 4.08 -1.26	70.09 3.82 -0.32	56.51 3.15 0.00	49.85 2.78 0.00	42.62 2.30 0.00	40.31 2.14 0.00
CH_RES_BVR_FALLS 23983	37.81 -0.19 0.00	35.48 -0.14 0.00	34.57 -0.17 0.00	33.98 -0.14 0.00	34.06 -0.17 0.00	36.98 -0.22 0.00	53.54 -0.32 0.00	67.23 -0.34 0.00	66.07 -0.40 0.00	47.23 -0.33 0.00	43.90 -0.44 0.00	39.82 -0.61 0.00	39.82 -0.53 0.00	38.99 -0.59 0.00	38.85 -0.63 0.00	40.85 -0.67 0.00	45.79 -0.65 0.00	61.92 -0.88 0.00	67.06 -1.02 0.00	64.95 -0.99 0.00	52.45 -0.91 0.00	46.18 -0.90 0.00	39.51 -0.81 0.00	37.41 -0.76 0.00
CH_RES_NIAGARA 23895	36.90 -1.10 0.00	34.51 -1.10 0.00	33.46 -1.29 0.00	32.85 -1.26 0.00	33.04 -1.20 0.00	35.23 -1.97 0.00	50.09 -3.77 0.00	61.55 -6.01 4.61	56.54 -5.32 0.00	44.94 -2.62 0.00	41.37 -2.97 0.00	38.75 -1.70 -0.02	38.52 -1.86 -0.04	37.89 -1.78 -0.09	37.51 -2.05 -0.09	39.19 -2.41 -0.08	42.67 -3.85 -0.08	56.66 -6.15 -0.01	61.25 -7.22 -0.39	60.01 -5.93 0.00	48.82 -4.54 0.00	43.73 -3.34 0.00	37.46 -2.86 0.00	35.77 -2.40 0.00
CH_RES_SYRACUSE 23985	37.66 -0.34 0.00	35.29 -0.36 -0.03	34.45 -0.35 -0.05	33.83 -0.37 -0.09	33.86 -0.38 0.00	36.80 -0.41 0.00	53.49 -0.37 0.00	66.96 -0.61 0.00	62.40 -1.00 3.07	47.26 -0.67 -0.37	44.31 -0.40 -0.37	40.33 -0.20 -0.11	40.12 -0.32 -0.10	39.47 -0.28 -0.17	39.16 -0.32 0.00	41.14 -0.37 0.00	45.93 -0.51 0.00	62.05 -0.75 0.00	67.46 -0.61 0.00	65.28 -0.66 0.00	52.72 -0.64 0.00	46.56 -0.52 0.00	39.92 -0.40 0.00	37.71 -0.46 0.00
CLINTON_WT_PWR 323605	38.19 0.19 0.00	35.90 0.28 0.00	34.99 0.24 0.00	34.42 0.31 0.00	34.51 0.27 0.00	37.50 0.30 0.00	54.29 0.43 0.00	68.04 0.48 0.00	66.93 0.47 0.00	47.84 0.29 0.00	44.83 0.49 0.00	40.58 0.16 0.00	40.75 0.40 0.00	39.82 0.24 0.00	39.40 -0.08 0.00	41.35 -0.17 0.00	46.26 -0.19 0.00	62.18 -0.63 0.00	67.12 -0.95 0.00	65.02 -0.92 0.00	52.40 -0.96 0.00	45.95 -1.13 0.00	39.55 -0.77 0.00	37.52 -0.65 0.00
CLINTON___LFGE 323618	38.69 0.68 0.00	36.37 0.75 0.00	35.41 0.66 0.00	34.86 0.75 0.00	34.95 0.72 0.00	38.06 0.86 0.00	55.05 1.18 0.00	68.92 1.35 0.00	67.86 1.40 0.00	48.41 0.86 0.00	45.45 1.11 0.00	41.19 0.77 0.00	41.31 0.97 0.00	40.30 0.71 0.00	39.79 0.31 0.00	41.73 0.21 0.00	46.72 0.28 0.00	62.74 -0.06 0.00	67.60 -0.47 0.00	65.48 -0.46 0.00	52.61 -0.75 0.00	46.00 -1.08 0.00	39.72 -0.60 0.00	37.67 -0.50 0.00
COBBLENY_34_KV_TB1 80064	37.32 -0.68 0.00	34.94 -0.68 0.00	34.12 -0.63 0.00	33.23 -0.89 0.00	33.41 -0.82 0.00	36.02 -1.19 0.00	51.66 -2.21 0.00	63.65 -3.92 0.00	58.33 -3.59 4.54	45.89 -1.66 0.00	42.17 -2.17 0.00	39.44 -1.01 -0.03	39.17 -1.21 -0.04	38.53 -1.15 -0.10	38.16 -1.42 -0.10	39.78 -1.83 -0.08	43.56 -2.97 -0.09	58.23 -4.58 -0.01	63.47 -5.04 -0.43	61.85 -4.09 0.00	50.16 -3.20 0.00	44.77 -2.31 0.00	38.34 -1.98 0.00	36.45 -1.72 0.00
COFFEEN___115KV_TB3 355620	38.80 0.80 0.00	36.65 1.00 -0.03	35.77 0.97 -0.05	34.89 0.68 -0.09	34.99 0.75 0.00	38.10 0.89 0.00	55.75 1.89 0.00	70.34 2.77 0.00	69.66 1.93 -1.27	48.88 0.95 -0.37	45.52 0.80 -0.38	41.02 0.49 -0.11	40.89 0.44 -0.11	40.03 0.28 -0.17	39.40 -0.08 0.00	41.56 0.04 0.00	46.44 0.00 0.00	63.18 0.38 0.00	69.37 1.29 0.00	67.26 1.32 0.00	54.21 0.85 0.00	48.39 1.32 0.00	41.13 0.81 0.00	38.59 0.42 0.00
COLDSPRG_115KV_BK1 355956	37.89 -0.11 0.00	35.55 -0.07 0.00	34.54 -0.21 0.00	33.67 -0.44 0.00	33.79 -0.45 0.00	36.46 -0.74 0.00	52.95 -0.92 0.00	65.34 -2.23 0.00	59.35 -2.59 4.52	46.23 -1.33 0.00	42.39 -1.95 0.00	39.52 -0.93 -0.03	39.25 -1.13 -0.04	38.58 -1.11 -0.10	38.24 -1.34 -0.10	39.78 -1.83 -0.09	43.75 -2.79 -0.09	58.73 -4.08 -0.01	64.51 -4.02 -0.45	62.71 -3.23 0.00	50.64 -2.72 0.00	45.15 -1.93 0.00	38.71 -1.61 0.00	36.76 -1.41 0.00
COLONIE_LFGE___ 323577	39.06 1.06 0.00	36.61 1.00 0.00	35.62 0.87 0.00	35.07 0.95 0.00	35.26 1.03 0.00	47.60 1.30 -9.09	90.30 1.67 -34.76	96.77 2.10 -27.10	78.05 1.46 -10.12	63.84 0.95 -15.33	57.96 0.84 -12.78	46.68 0.85 -5.41	40.60 0.44 0.19	39.53 0.40 0.45	39.71 0.67 0.44	45.24 0.79 -2.93	63.92 1.11 -16.37	118.79 1.82 -54.17	147.05 2.04 -76.93	102.07 1.71 -34.42	84.36 1.49 -29.51	56.05 1.37 -7.61	42.39 1.21 -0.86	39.39 1.22 0.00
COOPERNY_115KV_TB1 80082	39.67 1.67 0.00	37.15 1.53 0.00	36.24 1.49 0.00	35.58 1.47 0.00	35.67 1.44 0.00	38.77 1.56 0.00	56.19 2.32 -0.01	71.63 3.65 -0.42	68.05 2.53 0.94	49.29 1.66 -0.07	46.11 1.69 -0.08	42.61 1.78 -0.41	42.50 1.57 -0.58	42.55 1.58 -1.38	42.49 1.66 -1.35	44.47 1.74 -1.21	49.67 2.04 -1.18	65.76 2.83 -0.13	77.30 3.06 -6.16	68.84 2.90 0.00	55.76 2.40 0.00	49.20 2.12 0.00	42.10 1.77 0.00	39.77 1.60 0.00
COPENHAGEN_WT_PWR 323753	38.49 0.49 0.00	36.40 0.75 -0.03	35.49 0.69 -0.05	34.69 0.48 -0.09	34.75 0.51 0.00	37.80 0.59 0.00	55.21 1.35 0.00	69.53 1.96 0.00	67.57 1.33 0.22	48.52 0.57 -0.39	45.23 0.49 -0.40	40.83 0.28 -0.12	40.66 0.20 -0.11	39.88 0.12 -0.18	39.24 -0.24 0.00	41.35 -0.17 0.00	46.21 -0.23 0.00	62.74 -0.06 0.00	68.76 0.68 0.00	66.60 0.66 0.00	53.73 0.38 0.00	47.88 0.80 0.00	40.76 0.44 0.00	38.32 0.15 0.00
CORNELL_____ 23752	38.53 0.53 0.00	36.08 0.46 0.00	35.20 0.45 0.00	34.49 0.38 0.00	34.61 0.38 0.00	37.65 0.45 0.00	54.83 0.97 0.00	68.77 1.15 -0.06	62.87 0.60 4.19	47.84 0.29 0.00	44.57 0.22 0.00	40.83 0.36 -0.04	40.64 0.24 -0.06	40.00 0.28 -0.15	39.86 0.24 -0.14	41.93 0.29 -0.13	46.85 0.28 -0.13	63.38 0.57 -0.01	69.66 0.95 -0.63	66.86 0.92 0.00	54.00 0.64 0.00	47.64 0.56 0.00	40.72 0.40 0.00	38.48 0.31 0.00

CORONA__69_KV_TB1 355595	40.51 2.51 0.00	37.79 2.17 0.00	36.87 2.12 0.00	36.16 2.05 0.00	36.25 2.02 0.00	39.55 2.34 0.00	55.88 2.53 0.52	70.68 4.46 1.35	67.68 3.46 2.24	49.60 2.33 0.28	46.71 2.71 0.34	44.24 3.11 -0.70	44.26 2.78 -1.14	45.38 2.77 -3.02	45.60 3.00 -3.12	47.19 3.11 -2.56	52.87 3.62 -2.81	67.88 4.77 -0.30	88.24 5.24 -14.92	70.88 4.95 0.00	57.20 3.84 0.00	50.27 3.20 0.00	42.98 2.66 0.00	40.46 2.29 0.00
CORTLAND__115KV_TB3 80093	38.27 0.27 0.00	35.83 0.21 0.00	34.95 0.21 0.00	34.29 0.17 0.00	34.41 0.17 0.00	37.39 0.19 0.00	54.46 0.59 0.00	68.29 0.68 -0.04	62.35 0.20 4.31	47.61 0.05 0.00	44.43 0.09 0.00	40.70 0.24 -0.03	40.51 0.12 -0.05	39.85 0.16 -0.11	39.71 0.12 -0.11	41.74 0.12 -0.10	46.59 0.05 -0.10	63.00 0.19 -0.01	68.96 0.41 -0.47	66.34 0.40 0.00	53.62 0.27 0.00	47.36 0.28 0.00	40.48 0.16 0.00	38.25 0.08 0.00
COXSACKIE__GT 23611	39.29 1.29 0.00	36.83 1.21 0.00	35.93 1.18 0.00	35.31 1.19 0.00	35.98 1.74 0.00	37.39 2.46 2.27	48.95 3.77 8.68	65.44 4.66 6.78	65.97 3.32 3.81	45.37 1.62 3.81	42.27 1.11 3.18	39.89 0.93 1.47	39.92 -0.28 0.14	38.93 -0.32 0.33	39.16 0.00 0.32	41.28 0.87 1.11	42.30 1.11 5.26	49.24 2.58 16.14	46.47 3.40 25.01	56.88 2.83 11.89	45.72 2.08 9.71	46.22 1.65 2.50	41.36 1.33 0.28	39.58 1.41 0.00
CPV_VALLEY__CC1 323721	40.17 2.16 0.00	37.58 1.96 0.00	36.62 1.88 0.00	35.96 1.84 0.00	36.05 1.81 0.00	39.25 2.05 0.00	56.73 2.85 -0.01	72.44 4.12 -0.75	68.27 2.66 0.86	49.47 1.81 -0.10	46.24 1.78 -0.12	43.01 1.98 -0.61	42.94 1.73 -0.87	43.34 1.70 -2.06	43.30 1.82 -2.00	45.22 1.91 -1.79	50.38 2.18 -1.76	66.02 3.01 -0.20	80.57 3.33 -9.16	71.45 3.17 -2.34	55.92 2.56 0.00	49.38 2.31 0.00	42.26 1.94 0.00	39.97 1.79 0.00
CPV_VALLEY__CC2 323722	40.17 2.16 0.00	37.58 1.96 0.00	36.62 1.88 0.00	35.96 1.84 0.00	36.05 1.81 0.00	39.25 2.05 0.00	56.73 2.85 -0.01	72.44 4.12 -0.75	68.27 2.66 0.86	49.47 1.81 -0.10	46.24 1.78 -0.12	43.01 1.98 -0.61	42.94 1.73 -0.87	43.34 1.70 -2.06	43.30 1.82 -2.00	45.22 1.91 -1.79	50.38 2.18 -1.76	66.02 3.01 -0.20	80.57 3.33 -9.16	71.45 3.17 -2.34	55.92 2.56 0.00	49.38 2.31 0.00	42.26 1.94 0.00	39.97 1.79 0.00
CRESCENT__HYD 24018	39.06 1.06 0.00	36.61 1.00 0.00	35.62 0.87 0.00	35.07 0.95 0.00	35.26 1.03 0.00	47.60 1.30 -9.09	90.30 1.67 -34.76	96.77 2.10 -27.10	78.05 1.46 -10.12	63.84 0.95 -15.33	57.96 0.84 -12.78	46.68 0.85 -5.41	40.60 0.44 0.19	39.53 0.40 0.45	39.71 0.67 0.44	45.24 0.79 -2.93	63.92 1.11 -16.37	118.79 1.82 -54.17	147.05 2.04 -76.93	102.07 1.71 -34.42	84.36 1.49 -29.51	56.05 1.37 -7.61	42.39 1.21 -0.86	39.39 1.22 0.00
CRICKET__VALLEY_CC1 323756	39.48 1.48 0.00	36.97 1.35 0.00	36.03 1.29 0.00	35.38 1.26 0.00	35.46 1.23 0.00	38.62 1.41 0.00	55.59 1.72 0.00	70.12 2.71 0.15	67.15 1.99 1.31	48.89 1.38 0.05	45.66 1.38 0.06	41.71 1.62 0.33	41.25 1.37 0.47	39.81 1.35 1.12	39.89 1.50 1.09	42.12 1.58 0.97	47.29 1.81 0.96	65.08 2.39 0.11	65.65 2.59 5.01	67.03 2.37 1.28	55.33 1.98 0.00	48.91 1.83 0.00	41.89 1.57 0.00	39.62 1.45 0.00
CRICKET__VALLEY_CC2 323757	39.48 1.48 0.00	36.97 1.35 0.00	36.03 1.29 0.00	35.38 1.26 0.00	35.46 1.23 0.00	38.62 1.41 0.00	55.59 1.72 0.00	70.12 2.71 0.15	67.15 1.99 1.31	48.89 1.38 0.05	45.66 1.38 0.06	41.71 1.62 0.33	41.25 1.37 0.47	39.81 1.35 1.12	39.89 1.50 1.09	42.12 1.58 0.97	47.29 1.81 0.96	65.08 2.39 0.11	65.65 2.59 5.01	67.03 2.37 1.28	55.33 1.98 0.00	48.91 1.83 0.00	41.89 1.57 0.00	39.62 1.45 0.00
CRICKET__VALLEY_CC3 323758	39.48 1.48 0.00	36.97 1.35 0.00	36.03 1.29 0.00	35.38 1.26 0.00	35.46 1.23 0.00	38.62 1.41 0.00	55.59 1.72 0.00	70.12 2.71 0.15	67.15 1.99 1.31	48.89 1.38 0.05	45.66 1.38 0.06	41.71 1.62 0.33	41.25 1.37 0.47	39.81 1.35 1.12	39.89 1.50 1.09	42.12 1.58 0.97	47.29 1.81 0.96	65.08 2.39 0.11	65.65 2.59 5.01	67.03 2.37 1.28	55.33 1.98 0.00	48.91 1.83 0.00	41.89 1.57 0.00	39.62 1.45 0.00
CRUCIBLE__METL_DRP 24180	37.66 -0.34 0.00	35.29 -0.36 -0.03	34.45 -0.35 -0.05	33.83 -0.38 -0.09	33.86 -0.38 0.00	36.80 -0.41 0.00	53.49 -0.38 0.00	67.03 -0.54 0.00	64.21 -0.93 1.33	47.35 -0.57 -0.37	44.36 -0.35 -0.37	40.33 -0.20 -0.11	40.12 -0.32 -0.10	39.47 -0.28 -0.17	39.20 -0.28 0.00	41.19 -0.33 0.00	45.98 -0.46 0.00	62.18 -0.63 0.00	67.53 -0.54 0.00	65.35 -0.59 0.00	52.82 -0.53 0.00	46.61 -0.47 0.00	39.92 -0.40 0.00	37.71 -0.46 0.00
DAHOWA__HYDRO 323763	39.44 1.44 0.00	37.01 1.39 0.00	36.03 1.29 0.00	35.44 1.33 0.00	35.60 1.37 0.00	43.26 1.60 -4.46	73.12 2.21 -17.04	83.67 2.84 -13.26	72.94 1.99 -4.48	56.29 1.19 -7.54	51.60 0.97 -6.28	43.91 0.89 -2.60	40.61 0.44 0.18	39.51 0.36 0.43	39.73 0.67 0.42	43.53 0.75 -1.26	55.60 1.25 -7.90	91.59 2.07 -26.71	107.72 2.59 -37.05	86.89 2.17 -18.77	71.45 1.82 -16.27	52.92 1.65 -4.20	42.25 1.45 -0.48	39.66 1.49 0.00
DANC__LFGE 323619	38.00 0.00 0.00	35.80 0.14 -0.04	34.95 0.14 -0.07	34.23 0.00 -0.12	34.27 0.03 0.00	37.24 0.04 0.00	54.24 0.38 0.00	68.17 0.61 0.00	66.57 0.07 -0.04	47.91 -0.14 -0.50	44.72 -0.13 -0.50	40.41 -0.16 -0.15	40.24 -0.24 -0.14	39.53 -0.28 -0.23	38.97 -0.51 0.00	41.06 -0.46 0.00	45.84 -0.61 0.00	62.05 -0.75 0.00	67.80 -0.27 0.00	65.68 -0.26 0.00	52.99 -0.37 0.00	47.17 0.09 0.00	40.28 -0.04 0.00	37.94 -0.23 0.00
DANSKAMMER__1 23586	40.24 2.24 0.00	37.68 2.07 0.00	36.76 2.01 0.00	36.06 1.94 0.00	36.15 1.92 0.00	39.40 2.19 0.00	56.88 3.01 0.00	71.91 4.26 -0.08	68.62 3.32 1.16	49.79 2.24 0.00	46.43 2.08 0.00	42.77 2.26 -0.08	42.44 1.98 -0.12	41.82 1.94 -0.30	41.83 2.05 -0.30	43.98 2.20 -0.26	49.30 2.60 -0.26	66.47 3.64 -0.03	73.42 4.08 -1.26	70.09 3.82 -0.32	56.51 3.15 0.00	49.85 2.78 0.00	42.62 2.30 0.00	40.31 2.14 0.00
DANSKAMMER__2 23589	40.24 2.24 0.00	37.68 2.07 0.00	36.76 2.01 0.00	36.06 1.94 0.00	36.15 1.92 0.00	39.40 2.19 0.00	56.88 3.01 0.00	71.91 4.26 -0.08	68.62 3.32 1.16	49.79 2.24 0.00	46.43 2.08 0.00	42.77 2.26 -0.08	42.44 1.98 -0.12	41.82 1.94 -0.30	41.83 2.05 -0.30	43.98 2.20 -0.26	49.30 2.60 -0.26	66.47 3.64 -0.03	73.42 4.08 -1.26	70.09 3.82 -0.32	56.51 3.15 0.00	49.85 2.78 0.00	42.62 2.30 0.00	40.31 2.14 0.00
DANSKAMMER__3 23590	40.24 2.24 0.00	37.68 2.07 0.00	36.76 2.01 0.00	36.06 1.94 0.00	36.15 1.92 0.00	39.40 2.19 0.00	56.88 3.01 0.00	71.91 4.26 -0.08	68.62 3.32 1.16	49.79 2.24 0.00	46.43 2.08 0.00	42.77 2.26 -0.08	42.44 1.98 -0.12	41.82 1.94 -0.30	41.83 2.05 -0.30	43.98 2.20 -0.26	49.30 2.60 -0.26	66.47 3.64 -0.03	73.42 4.08 -1.26	70.09 3.82 -0.32	56.51 3.15 0.00	49.85 2.78 0.00	42.62 2.30 0.00	40.31 2.14 0.00

DANSKAMMER___4 23591	40.24 2.24 0.00	37.68 2.07 0.00	36.76 2.01 0.00	36.06 1.94 0.00	36.15 1.92 0.00	39.40 2.19 0.00	56.88 3.01 0.00	71.91 4.26 -0.08	68.62 3.32 1.16	49.79 2.24 0.00	46.43 2.08 0.00	42.77 2.26 -0.08	42.44 1.98 -0.12	41.82 1.94 -0.30	41.83 2.05 -0.30	43.98 2.20 -0.26	49.30 2.60 -0.26	66.47 3.64 -0.03	73.42 4.08 -1.26	70.09 3.82 -0.32	56.51 3.15 0.00	49.85 2.78 0.00	42.62 2.30 0.00	40.31 2.14 0.00
DANSKAMMER___DIESEL 23592	40.24 2.24 0.00	37.68 2.07 0.00	36.73 1.98 0.00	36.06 1.94 0.00	36.15 1.92 0.00	39.36 2.16 0.00	56.99 3.12 0.00	72.11 4.46 -0.08	68.95 3.46 0.97	49.79 2.24 0.00	46.56 2.22 0.00	42.77 2.26 -0.08	42.44 1.98 -0.12	41.86 1.98 -0.30	41.91 2.13 -0.30	44.02 2.24 -0.26	49.40 2.69 -0.26	66.60 3.77 -0.03	73.56 4.22 -1.26	69.83 3.89 0.00	56.56 3.20 0.00	49.85 2.78 0.00	42.62 2.30 0.00	40.35 2.18 0.00
DARBY___SOLAR 323810	39.33 1.33 0.00	36.90 1.28 0.00	35.93 1.18 0.00	35.34 1.23 0.00	35.53 1.30 0.00	43.64 1.49 -4.94	74.80 2.05 -18.89	84.91 2.63 -14.71	73.39 1.86 -5.07	57.01 1.09 -8.35	52.19 0.89 -6.96	44.13 0.81 -2.90	40.56 0.40 0.18	39.47 0.32 0.43	39.65 0.59 0.42	43.66 0.71 -1.44	56.43 1.21 -8.79	94.33 1.95 -29.58	111.74 2.45 -41.21	88.81 2.05 -20.83	73.08 1.71 -18.01	53.27 1.55 -4.64	42.22 1.37 -0.53	39.58 1.41 0.00
DASHVILLE___HYD 23610	39.86 1.86 0.00	37.29 1.67 0.00	36.38 1.63 0.00	35.72 1.60 0.00	35.84 1.61 0.00	38.67 2.08 0.62	54.46 2.96 2.37	70.09 4.32 1.80	68.02 3.32 1.77	48.62 2.14 1.08	45.52 2.08 0.90	42.17 2.14 0.39	41.59 1.25 0.00	40.84 1.27 0.01	40.90 1.42 0.00	42.78 1.49 0.24	47.83 2.55 1.17	62.67 3.64 3.77	65.62 4.02 6.48	69.63 3.69 0.00	56.03 2.67 0.00	49.34 2.26 0.00	42.22 1.90 0.00	39.96 1.79 0.00
DELAWARE___LFGE 323621	38.99 0.99 0.00	36.51 0.89 0.00	35.68 0.94 0.00	35.04 0.92 0.00	35.12 0.89 0.00	38.14 0.93 0.00	55.37 1.51 0.00	69.49 1.82 -0.10	65.48 1.20 2.18	48.33 0.76 -0.01	45.11 0.75 -0.01	41.34 0.85 -0.07	41.13 0.69 -0.10	40.50 0.67 -0.25	40.35 0.63 -0.24	42.48 0.75 -0.21	47.49 0.84 -0.21	64.08 1.26 -0.02	70.58 1.43 -1.08	67.26 1.32 0.00	54.48 1.12 0.00	48.16 1.08 0.00	41.17 0.85 0.00	38.93 0.76 0.00
DERFIELD_115KV_TB7 355931	38.23 0.23 0.00	35.83 0.21 0.00	34.99 0.24 0.00	34.32 0.20 0.00	34.44 0.21 0.00	37.43 0.22 0.00	54.24 0.38 0.00	68.11 0.54 0.00	67.00 0.53 0.00	47.89 0.33 0.00	44.57 0.22 0.00	40.62 0.20 0.00	40.46 0.12 0.00	39.70 0.12 0.00	39.60 0.12 0.00	41.69 0.17 0.00	46.67 0.23 0.00	63.12 0.31 0.00	68.48 0.41 0.00	66.27 0.33 0.00	53.62 0.27 0.00	47.36 0.28 0.00	40.52 0.20 0.00	38.36 0.19 0.00
DOGLEVILLE___HYD 23807	41.00 3.00 0.00	38.47 2.85 0.00	37.53 2.78 0.00	36.78 2.66 0.00	36.94 2.70 0.00	40.15 2.94 0.00	58.28 4.42 0.00	72.97 5.41 0.00	71.71 5.25 0.00	51.27 3.71 0.00	47.67 3.33 0.00	43.53 3.11 0.00	43.29 2.94 0.00	42.39 2.81 0.00	42.20 2.72 0.00	44.43 2.91 0.00	49.74 3.30 0.00	67.26 4.46 0.00	73.11 5.04 0.00	70.69 4.75 0.00	57.15 3.79 0.00	50.56 3.48 0.00	43.22 2.90 0.00	40.84 2.67 0.00
DUNKIRK__115KV_TB_200 55889	37.58 -0.42 0.00	35.19 -0.43 0.00	34.26 -0.49 0.00	33.36 -0.75 0.00	33.51 -0.72 0.00	36.09 -1.12 0.00	51.98 -1.89 0.00	64.05 -3.51 0.00	58.39 -3.52 4.55	45.80 -1.76 0.00	42.04 -2.31 0.00	39.32 -1.13 -0.03	39.05 -1.33 -0.04	38.37 -1.31 -0.10	38.04 -1.54 -0.10	39.65 -1.95 -0.08	43.46 -3.07 -0.09	58.23 -4.58 -0.01	63.47 -5.04 -0.43	61.92 -4.02 0.00	50.16 -3.20 0.00	44.72 -2.35 0.00	38.30 -2.02 0.00	36.45 -1.72 0.00
DUNKIRK___1 23563	37.58 -0.42 0.00	35.19 -0.43 0.00	34.26 -0.49 0.00	33.36 -0.75 0.00	33.51 -0.72 0.00	36.09 -1.12 0.00	51.98 -1.89 0.00	64.05 -3.51 0.00	58.39 -3.52 4.55	45.80 -1.76 0.00	42.04 -2.31 0.00	39.32 -1.13 -0.03	39.05 -1.33 -0.04	38.37 -1.31 -0.10	38.04 -1.54 -0.10	39.65 -1.95 -0.08	43.46 -3.07 -0.09	58.23 -4.58 -0.01	63.47 -5.04 -0.43	61.92 -4.02 0.00	50.16 -3.20 0.00	44.72 -2.35 0.00	38.30 -2.02 0.00	36.45 -1.72 0.00
DUNKIRK___2 23564	37.58 -0.42 0.00	35.19 -0.43 0.00	34.26 -0.49 0.00	33.36 -0.75 0.00	33.51 -0.72 0.00	36.09 -1.12 0.00	51.98 -1.89 0.00	64.05 -3.51 0.00	58.39 -3.52 4.55	45.80 -1.76 0.00	42.04 -2.31 0.00	39.32 -1.13 -0.03	39.05 -1.33 -0.04	38.37 -1.31 -0.10	38.04 -1.54 -0.10	39.65 -1.95 -0.08	43.46 -3.07 -0.09	58.23 -4.58 -0.01	63.47 -5.04 -0.43	61.92 -4.02 0.00	50.16 -3.20 0.00	44.72 -2.35 0.00	38.30 -2.02 0.00	36.45 -1.72 0.00
DUNKIRK___3 23565	37.43 -0.57 0.00	35.05 -0.57 0.00	34.16 -0.59 0.00	33.30 -0.82 0.00	33.45 -0.79 0.00	36.02 -1.19 0.00	51.82 -2.05 0.00	63.85 -3.72 0.00	58.26 -3.66 4.55	45.70 -1.85 0.00	42.04 -2.31 0.00	39.28 -1.17 -0.03	39.01 -1.37 -0.04	38.37 -1.31 -0.10	38.04 -1.54 -0.10	39.65 -1.95 -0.08	43.46 -3.07 -0.08	58.23 -4.58 -0.01	63.46 -5.04 -0.43	61.85 -4.09 0.00	50.16 -3.20 0.00	44.68 -2.40 0.00	38.30 -2.02 0.00	36.41 -1.76 0.00
DUNKIRK___4 23566	37.43 -0.57 0.00	35.05 -0.57 0.00	34.16 -0.59 0.00	33.30 -0.82 0.00	33.45 -0.79 0.00	36.02 -1.19 0.00	51.82 -2.05 0.00	63.85 -3.72 0.00	58.26 -3.66 4.55	45.70 -1.85 0.00	42.04 -2.31 0.00	39.28 -1.17 -0.03	39.01 -1.37 -0.04	38.37 -1.31 -0.10	38.04 -1.54 -0.10	39.65 -1.95 -0.08	43.46 -3.07 -0.08	58.23 -4.58 -0.01	63.46 -5.04 -0.43	61.85 -4.09 0.00	50.16 -3.20 0.00	44.68 -2.40 0.00	38.30 -2.02 0.00	36.41 -1.76 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	40.47 2.47 0.00	37.86 2.24 0.00	36.90 2.15 0.00	36.23 2.12 0.00	36.29 2.05 0.00	39.55 2.34 0.00	57.09 3.23 0.00	72.13 4.80 0.24	69.04 3.85 1.28	50.15 2.66 0.07	46.97 2.71 0.08	44.09 2.83 -0.84	44.19 2.58 -1.27	45.34 2.57 -3.18	45.36 2.68 -3.20	47.12 2.86 -2.74	52.53 3.25 -2.84	67.39 4.27 -0.31	87.65 4.63 -14.94	70.22 4.29 0.00	56.88 3.52 0.00	50.18 3.11 0.00	42.90 2.58 0.00	40.58 2.40 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	40.28 2.28 0.00	37.68 2.07 0.00	36.73 1.98 0.00	36.06 1.94 0.00	36.15 1.92 0.00	39.40 2.20 0.00	57.05 3.18 0.00	72.52 4.59 -0.36	68.98 3.32 0.81	49.74 2.14 -0.04	46.53 2.13 -0.05	43.01 2.26 -0.32	42.78 1.98 -0.46	42.66 1.98 -1.10	42.65 2.09 -1.08	44.72 2.24 -0.96	50.04 2.65 -0.95	66.62 3.71 -0.11	77.06 4.08 -4.90	69.76 3.82 0.00	56.51 3.15 0.00	49.85 2.78 0.00	42.58 2.26 0.00	40.27 2.10 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	40.86 2.85 -0.01	38.26 2.64 -0.01	37.26 2.50 -0.01	36.58 2.46 -0.01	36.64 2.40 -0.01	39.85 2.64 0.00	56.96 3.07 -0.02	73.14 4.32 -1.24	70.07 3.59 -0.01	50.35 2.57 -0.22	47.32 2.71 -0.27	44.33 2.87 -1.04	44.38 2.58 -1.45	45.56 2.57 -3.40	45.58 2.80 -3.30	47.36 2.86 -2.97	52.64 3.30 -2.90	67.47 4.33 -0.33	87.65 4.63 -14.95	70.23 4.29 -0.01	56.83 3.47 -0.01	50.19 3.11 -0.01	43.31 2.98 -0.01	40.89 2.71 -0.01

E179THST_13_KV_LOAD 356214	41.01 3.00 -0.01	38.40 2.78 -0.01	37.36 2.61 -0.01	36.68 2.56 -0.01	36.78 2.53 -0.01	39.96 2.75 0.00	57.17 3.29 -0.02	73.47 4.66 -1.24	70.33 3.85 -0.01	50.54 2.76 -0.22	47.54 2.93 -0.27	44.53 3.07 -1.04	44.58 2.78 -1.45	45.76 2.77 -3.40	45.74 2.96 -3.30	47.57 3.07 -2.97	52.87 3.53 -2.90	67.78 4.65 -0.33	87.99 4.97 -14.95	70.56 4.62 -0.01	57.10 3.74 -0.01	50.38 3.30 -0.01	43.47 3.14 -0.01	41.04 2.86 -0.01
EAST HAMPTON___GT 23717	39.56 1.56 0.00	36.86 1.25 0.00	36.03 1.29 0.00	35.51 1.40 0.00	35.84 1.61 0.00	39.51 2.31 0.00	49.36 0.97 5.47	49.54 2.10 20.13	48.76 1.06 18.76	44.39 0.71 3.88	40.60 0.93 4.67	40.31 1.50 1.61	40.32 1.01 1.03	40.95 0.99 -0.38	42.75 1.30 -1.97	42.65 1.45 0.32	50.83 2.04 -2.35	65.49 2.51 -0.17	85.85 2.86 -14.92	72.39 2.64 -3.81	55.38 2.03 0.00	49.09 2.02 0.00	41.76 1.45 0.00	39.89 1.72 0.00
EAST RIVER___6 23660	40.66 2.66 0.00	38.04 2.42 0.00	37.04 2.29 0.00	36.37 2.25 0.00	36.43 2.19 0.00	39.74 2.53 0.00	57.28 3.40 -0.02	74.25 4.93 -1.75	70.92 4.19 -0.26	50.92 3.05 -0.32	47.74 3.02 -0.38	44.79 3.27 -1.09	44.83 2.99 -1.51	46.02 2.97 -3.47	45.88 3.08 -3.32	47.81 3.24 -3.05	52.96 3.62 -2.89	67.85 4.71 -0.33	87.99 4.97 -14.95	74.45 4.68 -3.82	57.21 3.84 -0.01	50.47 3.39 -0.01	43.19 2.86 0.00	40.77 2.60 0.00
EAST RIVER___7 23524	40.66 2.66 0.00	38.04 2.42 0.00	37.04 2.29 0.00	36.37 2.25 0.00	36.43 2.19 0.00	39.74 2.53 0.00	57.28 3.40 -0.02	74.25 4.93 -1.75	70.92 4.19 -0.26	50.92 3.05 -0.32	47.74 3.02 -0.38	44.79 3.27 -1.09	44.83 2.99 -1.51	46.02 2.97 -3.47	45.88 3.08 -3.32	47.81 3.24 -3.05	52.96 3.62 -2.89	67.85 4.71 -0.33	87.99 4.97 -14.95	74.45 4.68 -3.82	57.21 3.84 -0.01	50.47 3.39 -0.01	43.19 2.86 0.00	40.77 2.60 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	40.39 2.39 0.00	37.79 2.17 0.00	36.83 2.08 0.00	36.16 2.05 0.00	36.25 2.02 0.00	39.48 2.27 0.00	57.06 3.18 -0.01	73.34 4.66 -1.11	70.07 3.72 0.11	50.32 2.57 -0.19	47.19 2.62 -0.23	44.15 2.71 -1.02	44.25 2.46 -1.44	45.45 2.45 -3.41	45.36 2.57 -3.32	47.23 2.74 -2.98	52.46 3.11 -2.91	67.28 4.15 -0.33	87.61 4.42 -15.11	70.10 4.15 0.00	56.78 3.41 0.00	50.09 3.01 0.00	42.82 2.50 0.00	40.50 2.33 0.00
EAST_HAMPTON___DIESEL 23722	39.44 1.44 0.00	36.79 1.17 0.00	35.96 1.22 0.00	35.44 1.33 0.00	35.78 1.54 0.00	39.44 2.23 0.00	49.20 0.81 5.47	49.33 1.89 20.13	48.63 0.93 18.76	44.30 0.62 3.88	40.51 0.84 4.67	40.19 1.38 1.61	40.20 0.89 1.03	40.83 0.87 -0.38	42.68 1.23 -1.97	42.52 1.33 0.32	50.70 1.90 -2.35	65.30 2.33 -0.17	85.65 2.65 -14.92	72.19 2.44 -3.81	55.22 1.87 0.00	49.00 1.93 0.00	41.64 1.33 0.00	39.77 1.60 0.00
EAST_POINT___SOLAR 323840	38.84 0.83 0.00	36.37 0.75 0.00	35.55 0.80 0.00	34.90 0.79 0.00	35.05 0.82 0.00	39.00 1.08 -0.72	58.44 1.83 -2.75	72.08 2.36 -2.15	66.63 0.53 0.36	48.28 -0.52 -1.24	44.27 -1.11 -1.03	39.49 -1.30 -0.36	38.48 -1.73 0.13	37.46 -1.82 0.31	37.84 -1.34 0.30	40.32 -1.21 -0.01	46.98 -0.61 -1.14	67.81 0.50 -4.51	75.09 1.77 -5.24	70.13 1.25 -2.94	57.26 1.12 -2.78	48.83 1.03 -0.72	41.29 0.89 -0.08	39.01 0.84 0.00
EAST_PULASKI___ESR 323781	37.55 -0.45 0.00	35.29 -0.39 -0.06	34.46 -0.38 -0.10	33.85 -0.44 -0.18	33.82 -0.41 0.00	36.76 -0.44 0.00	53.22 -0.64 0.00	66.76 -0.81 0.00	67.69 -1.26 -2.49	47.39 -0.91 -0.74	44.38 -0.71 -0.75	40.04 -0.61 -0.23	39.83 -0.72 -0.21	39.21 -0.71 -0.34	38.69 -0.79 0.00	40.73 -0.79 0.00	45.42 -1.02 0.00	61.42 -1.38 0.00	66.85 -1.22 0.00	64.75 -1.19 0.00	52.29 -1.07 0.00	46.42 -0.66 0.00	39.79 -0.53 0.00	37.56 -0.61 0.00
EAST_RIVER___1 323558	40.70 2.70 0.00	38.07 2.46 0.00	37.07 2.33 0.00	36.40 2.29 0.00	36.46 2.22 0.00	39.77 2.57 0.00	57.34 3.45 -0.02	74.32 5.00 -1.75	70.92 4.19 -0.26	50.87 3.00 -0.32	47.65 2.93 -0.38	44.71 3.19 -1.09	44.75 2.91 -1.51	45.94 2.89 -3.47	45.80 3.00 -3.32	47.72 3.15 -3.05	52.86 3.53 -2.89	67.78 4.65 -0.33	88.06 5.04 -14.95	74.51 4.75 -3.82	57.21 3.84 -0.01	50.47 3.39 -0.01	43.19 2.86 0.00	40.80 2.63 0.00
EAST_RIVER___2 323559	40.66 2.66 0.00	38.04 2.42 0.00	37.04 2.29 0.00	36.37 2.25 0.00	36.43 2.19 0.00	39.74 2.53 0.00	57.28 3.40 -0.02	74.25 4.93 -1.75	70.92 4.19 -0.26	50.92 3.05 -0.32	47.74 3.02 -0.38	44.79 3.27 -1.09	44.83 2.99 -1.51	46.02 2.97 -3.47	45.88 3.08 -3.32	47.81 3.24 -3.05	52.96 3.62 -2.89	67.85 4.71 -0.33	87.99 4.97 -14.95	74.45 4.68 -3.82	57.21 3.84 -0.01	50.47 3.39 -0.01	43.19 2.86 0.00	40.77 2.60 0.00
EAST___DELAWARE_HYD 23607	40.40 2.40 0.00	37.83 2.21 0.00	36.94 2.19 0.00	36.20 2.08 0.00	36.29 2.05 0.00	39.55 2.35 0.00	57.32 3.45 0.00	72.88 5.07 -0.24	68.78 3.92 1.60	49.69 2.57 0.43	46.34 2.35 0.35	42.89 2.43 -0.04	42.82 2.18 -0.30	42.39 2.10 -0.72	42.35 2.17 -0.70	44.41 2.37 -0.52	49.32 2.83 -0.05	65.17 4.14 1.77	73.46 4.83 -0.55	71.25 4.49 -0.83	57.04 3.68 0.00	50.32 3.25 0.00	42.98 2.66 0.00	40.58 2.41 0.00
EIGHT_POINT___WT_PWR 323820	37.96 -0.04 0.00	35.44 -0.18 0.00	34.40 -0.35 0.00	33.67 -0.44 0.00	33.75 -0.48 0.00	36.54 -0.67 0.00	53.27 -0.59 0.00	66.20 -1.42 -0.05	58.08 -2.73 5.65	45.13 -2.42 0.00	41.82 -2.53 0.00	38.60 -1.86 -0.04	38.25 -2.14 -0.05	37.77 -1.94 -0.13	37.67 -1.93 -0.13	39.18 -2.45 -0.11	43.35 -3.20 -0.11	58.67 -4.15 -0.01	64.60 -4.15 -0.68	62.19 -3.89 -0.14	49.94 -3.42 0.00	44.20 -2.87 0.00	38.02 -2.30 0.00	36.18 -1.99 0.00
ELBRIDGE_115KV_TB2 80188	37.51 -0.49 0.00	35.15 -0.50 -0.03	34.31 -0.49 -0.05	33.69 -0.51 -0.09	33.72 -0.51 0.00	36.65 -0.56 0.00	53.22 -0.65 0.00	66.69 -0.88 0.00	63.92 -1.26 1.28	47.08 -0.86 -0.37	44.05 -0.67 -0.37	40.11 -0.44 -0.13	39.91 -0.56 -0.13	39.31 -0.51 -0.24	39.04 -0.51 -0.07	41.00 -0.58 -0.06	45.76 -0.74 -0.06	61.81 -1.00 -0.01	67.12 -0.95 0.00	65.02 -0.92 0.00	52.56 -0.80 0.00	46.37 -0.71 0.00	39.72 -0.60 0.00	37.56 -0.61 0.00
ELEC_TRO_TEK 24086	40.24 2.24 0.00	37.58 1.96 0.00	36.62 1.88 0.00	35.92 1.81 0.00	36.01 1.78 0.00	39.33 2.12 0.00	54.85 2.26 1.27	67.35 4.12 4.34	64.81 3.19 4.84	48.84 2.14 0.86	45.84 2.53 1.03	43.71 2.95 -0.34	43.72 2.58 -0.79	44.80 2.61 -2.60	45.22 2.80 -2.94	46.53 2.91 -2.10	52.57 3.39 -2.73	67.54 4.46 -0.28	87.83 4.83 -14.92	70.35 4.42 0.00	56.82 3.47 0.00	49.94 2.87 0.00	42.73 2.42 0.00	40.23 2.06 0.00
ELLENBURG_WT_PWR 323604	38.19 0.19 0.00	35.90 0.28 0.00	34.99 0.24 0.00	34.42 0.31 0.00	34.51 0.27 0.00	37.50 0.30 0.00	54.29 0.43 0.00	68.04 0.48 0.00	66.93 0.47 0.00	47.84 0.29 0.00	44.83 0.49 0.00	40.58 0.16 0.00	40.75 0.40 0.00	39.82 0.24 0.00	39.40 -0.08 0.00	41.35 -0.17 0.00	46.26 -0.19 0.00	62.18 -0.63 0.00	67.12 -0.95 0.00	65.02 -0.92 0.00	52.40 -0.96 0.00	45.95 -1.13 0.00	39.55 -0.77 0.00	37.52 -0.65 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	37.20 -0.80 0.00	34.80 -0.82 0.00	33.98 -0.76 0.00	33.13 -0.99 0.00	33.28 -0.96 0.00	35.79 -1.41 0.00	51.22 -2.64 0.00	63.04 -4.53 0.00	57.76 -4.12 4.58	45.61 -1.95 0.00	41.95 -2.39 0.00	39.28 -1.17 -0.03	39.01 -1.37 -0.04	38.37 -1.31 -0.09	38.03 -1.54 -0.09	39.65 -1.95 -0.08	43.32 -3.20 -0.08	57.79 -5.02 -0.01	62.76 -5.72 -0.41	61.32 -4.62 0.00	49.78 -3.57 0.00	44.44 -2.64 0.00	38.06 -2.26 0.00	36.26 -1.91 0.00
EMPIRE_CC_1 323656	38.65 0.65 0.00	36.19 0.57 0.00	35.09 0.35 0.00	34.56 0.44 0.00	34.78 0.55 0.00	32.40 0.74 5.55	33.45 0.81 21.23	51.78 0.88 16.66	59.06 0.33 7.74	38.49 0.19 9.26	36.75 0.13 7.73	37.17 0.24 3.49	39.87 -0.24 0.23	38.87 -0.16 0.55	39.02 0.08 0.54	39.21 0.17 2.48	36.39 0.33 10.38	31.57 0.88 32.11	19.90 0.95 49.13	42.98 0.59 23.56	34.57 0.59 19.38	42.69 0.61 5.00	40.36 0.61 0.57	38.89 0.72 0.00
EMPIRE_CC_2 323658	38.65 0.65 0.00	36.19 0.57 0.00	35.09 0.35 0.00	34.56 0.44 0.00	34.78 0.55 0.00	32.40 0.74 5.55	33.45 0.81 21.23	51.78 0.88 16.66	59.06 0.33 7.74	38.49 0.19 9.26	36.75 0.13 7.73	37.17 0.24 3.49	39.87 -0.24 0.23	38.87 -0.16 0.55	39.02 0.08 0.54	39.21 0.17 2.48	36.39 0.33 10.38	31.57 0.88 32.11	19.90 0.95 49.13	42.98 0.59 23.56	34.57 0.59 19.38	42.69 0.61 5.00	40.36 0.61 0.57	38.89 0.72 0.00
ENORWICH_115KV_TB1 80156	39.86 1.86 0.00	37.51 1.89 0.00	36.59 1.84 0.00	35.65 1.54 0.00	35.95 1.71 0.00	39.07 1.86 0.00	57.37 3.50 0.00	72.33 4.66 -0.10	66.92 3.79 3.33	49.85 2.28 -0.01	46.31 1.95 -0.02	42.33 1.82 -0.09	42.24 1.78 -0.12	41.50 1.62 -0.29	41.11 1.34 -0.28	43.31 1.54 -0.25	48.46 1.76 -0.25	65.85 3.01 -0.03	73.29 3.95 -1.27	69.63 3.69 0.00	56.13 2.77 0.00	49.57 2.50 0.00	42.13 1.81 0.00	39.62 1.45 0.00
ERIE_ST__34_KV_TB1-2 80199	37.16 -0.84 0.00	34.80 -0.82 0.00	33.98 -0.76 0.00	33.09 -1.02 0.00	33.28 -0.96 0.00	35.90 -1.30 0.00	51.60 -2.26 0.00	63.58 -3.99 0.00	58.12 -3.79 4.55	45.66 -1.90 0.00	41.99 -2.35 0.00	39.28 -1.17 -0.03	39.05 -1.33 -0.04	38.37 -1.31 -0.10	38.03 -1.54 -0.09	39.61 -1.99 -0.08	43.41 -3.11 -0.08	58.04 -4.77 -0.01	63.60 -4.90 -0.42	61.72 -4.22 0.00	50.00 -3.36 0.00	44.63 -2.45 0.00	38.22 -2.10 0.00	36.34 -1.83 0.00
ERIE_WT_PWR 323693	37.28 -0.72 0.00	34.91 -0.71 0.00	34.02 -0.73 0.00	33.19 -0.92 0.00	33.38 -0.85 0.00	35.87 -1.34 0.00	51.60 -2.26 0.00	63.04 -4.53 0.00	55.93 -4.12 6.41	45.42 -2.14 0.00	41.99 -2.35 0.00	39.44 -1.01 -0.02	39.12 -1.25 -0.03	38.40 -1.27 -0.08	38.02 -1.54 -0.08	39.56 -2.03 -0.07	43.36 -3.16 -0.07	57.85 -4.96 -0.01	63.14 -5.31 -0.38	61.43 -4.62 -0.11	49.62 -3.74 0.00	44.30 -2.78 0.00	38.18 -2.14 0.00	36.34 -1.83 0.00
ESPRGFLD_115KV_TB1 80157	38.23 0.23 0.00	35.83 0.21 0.00	35.02 0.28 0.00	34.35 0.24 0.00	34.47 0.24 0.00	38.02 0.33 -0.48	56.60 0.92 -1.82	70.28 1.28 -1.42	65.93 0.27 0.80	48.11 -0.29 -0.84	44.60 -0.44 -0.70	40.29 -0.40 -0.27	39.69 -0.61 0.05	38.79 -0.67 0.11	38.73 -0.63 0.11	41.06 -0.54 -0.08	46.93 -0.33 -0.81	65.86 0.13 -2.93	72.55 0.61 -3.86	66.27 0.33 0.00	53.68 0.32 0.00	47.50 0.42 0.00	40.56 0.24 0.00	38.29 0.11 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	38.49 0.49 0.00	36.05 0.43 0.00	35.13 0.38 0.00	34.46 0.34 0.00	34.58 0.34 0.00	37.58 0.37 0.00	54.78 0.92 0.00	68.64 1.01 -0.06	62.74 0.47 4.19	47.80 0.24 0.00	44.52 0.18 0.00	40.79 0.32 -0.04	40.60 0.20 -0.06	39.96 0.24 -0.15	39.78 0.16 -0.14	41.85 0.21 -0.13	46.80 0.23 -0.13	63.32 0.50 -0.01	69.52 0.82 -0.63	66.73 0.79 0.00	53.89 0.53 0.00	47.55 0.47 0.00	40.68 0.36 0.00	38.40 0.23 0.00
ETNA____115KV_TB2 80207	38.49 0.49 0.00	36.05 0.43 0.00	35.13 0.38 0.00	34.46 0.34 0.00	34.58 0.34 0.00	37.58 0.37 0.00	54.78 0.92 0.00	68.64 1.01 -0.06	62.74 0.47 4.19	47.80 0.24 0.00	44.52 0.18 0.00	40.79 0.32 -0.04	40.60 0.20 -0.06	39.96 0.24 -0.15	39.78 0.16 -0.14	41.85 0.21 -0.13	46.80 0.23 -0.13	63.32 0.50 -0.01	69.52 0.82 -0.63	66.73 0.79 0.00	53.89 0.53 0.00	47.55 0.47 0.00	40.68 0.36 0.00	38.40 0.23 0.00
EUCLID___115KV_TB2 356179	37.32 -0.68 0.00	34.96 -0.68 -0.01	34.11 -0.66 -0.02	33.47 -0.68 -0.04	33.58 -0.65 0.00	36.46 -0.74 0.00	52.95 -0.92 0.00	66.35 -1.22 0.00	61.45 -1.66 3.35	46.65 -1.09 -0.18	43.72 -0.80 -0.18	39.91 -0.57 -0.05	39.71 -0.69 -0.05	39.03 -0.63 -0.08	38.81 -0.67 0.00	40.81 -0.71 0.00	45.56 -0.88 0.00	61.55 -1.26 0.00	66.78 -1.29 0.00	64.69 -1.25 0.00	52.29 -1.07 0.00	46.18 -0.89 0.00	39.51 -0.81 0.00	37.37 -0.80 0.00
E_CANADA_CAP_HY 24051	37.92 -0.08 0.00	35.51 -0.11 0.00	34.71 -0.03 0.00	34.08 -0.03 0.00	34.20 -0.03 0.00	38.01 0.15 -0.65	56.84 0.48 -2.49	70.19 0.68 -1.95	65.16 -0.73 0.57	47.40 -1.28 -1.13	43.69 -1.59 -0.94	39.18 -1.58 -0.34	38.34 -1.90 0.11	37.39 -1.94 0.26	37.53 -1.70 0.25	39.92 -1.62 -0.02	46.20 -1.30 -1.06	66.08 -0.82 -4.10	72.87 -0.07 -4.87	68.18 -0.46 -2.70	55.67 -0.21 -2.52	47.68 -0.05 -0.65	40.31 -0.08 -0.07	38.06 -0.11 0.00
E_CANADA_MHWK_HY 24050	41.00 3.00 0.00	38.47 2.85 0.00	37.53 2.78 0.00	36.78 2.66 0.00	36.94 2.70 0.00	40.15 2.94 0.00	58.28 4.42 0.00	72.90 5.34 0.00	70.73 5.19 0.92	51.22 3.66 0.00	47.63 3.28 0.00	43.49 3.07 0.00	43.29 2.94 0.00	42.39 2.81 0.00	42.20 2.72 0.00	44.42 2.91 0.00	49.74 3.30 0.00	67.20 4.39 0.00	73.04 4.97 0.00	70.69 4.75 0.00	57.09 3.73 0.00	50.56 3.48 0.00	43.22 2.90 0.00	40.84 2.67 0.00
E_FISHKILL___LBMP 23776	39.90 1.90 0.00	37.33 1.71 0.00	36.38 1.63 0.00	35.72 1.60 0.00	35.81 1.57 0.00	38.99 1.79 0.00	56.23 2.37 0.00	70.81 3.58 0.34	67.88 2.72 1.31	49.33 1.85 0.08	46.19 1.95 0.10	42.17 2.06 0.31	41.69 1.78 0.43	40.41 1.82 0.99	40.46 1.93 0.95	42.72 2.08 0.87	47.98 2.37 0.83	65.85 3.14 0.10	67.15 3.40 4.33	69.04 3.10 0.00	55.97 2.61 0.00	49.38 2.31 0.00	42.25 1.94 0.00	40.00 1.83 0.00
FALCON___SEABRD_CC1 323796	38.49 0.49 0.00	36.19 0.57 0.00	35.27 0.52 0.00	34.76 0.65 0.00	34.82 0.58 0.00	37.88 0.67 0.00	54.56 0.70 0.00	68.31 0.74 0.00	67.26 0.80 0.00	48.03 0.48 0.00	45.32 0.97 0.00	41.07 0.64 0.00	41.15 0.81 0.00	40.14 0.55 0.00	39.56 0.08 0.00	41.44 -0.08 0.00	46.35 -0.09 0.00	61.86 -0.94 0.00	66.58 -1.50 0.00	64.49 -1.45 0.00	51.81 -1.55 0.00	45.29 -1.79 0.00	39.31 -1.01 0.00	37.33 -0.84 0.00
FALCON___SEABRD_CC2 323797	38.49 0.49 0.00	36.19 0.57 0.00	35.27 0.52 0.00	34.76 0.65 0.00	34.82 0.58 0.00	37.88 0.67 0.00	54.56 0.70 0.00	68.31 0.74 0.00	67.26 0.80 0.00	48.03 0.48 0.00	45.32 0.97 0.00	41.07 0.64 0.00	41.15 0.81 0.00	40.14 0.55 0.00	39.56 0.08 0.00	41.44 -0.08 0.00	46.35 -0.09 0.00	61.86 -0.94 0.00	66.58 -1.50 0.00	64.49 -1.45 0.00	51.81 -1.55 0.00	45.29 -1.79 0.00	39.31 -1.01 0.00	37.33 -0.84 0.00

FAR ROCKAWAY___4 23548	40.74 2.74 0.00	38.00 2.39 0.00	37.07 2.33 0.00	36.33 2.22 0.00	36.42 2.19 0.00	39.77 2.57 0.00	56.13 2.80 0.54	71.08 4.86 1.35	68.01 3.79 2.24	49.84 2.57 0.28	46.97 2.97 0.34	44.52 3.40 -0.70	44.51 3.03 -1.14	45.65 3.05 -3.02	45.88 3.28 -3.12	47.48 3.40 -2.56	53.24 3.99 -2.81	68.38 5.28 -0.30	88.79 5.79 -14.92	71.41 5.47 0.00	57.62 4.27 0.00	50.60 3.53 0.00	43.26 2.94 0.00	40.69 2.52 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	40.70 2.70 0.00	38.08 2.46 0.00	37.07 2.33 0.00	36.40 2.29 0.00	36.46 2.23 0.00	39.77 2.57 0.00	57.44 3.56 -0.02	74.56 5.20 -1.79	71.27 4.32 -0.49	50.93 3.04 -0.32	47.79 3.06 -0.39	44.71 3.19 -1.10	44.76 2.90 -1.51	45.99 2.93 -3.47	45.84 3.04 -3.32	47.77 3.20 -3.05	52.96 3.62 -2.90	67.91 4.77 -0.33	88.20 5.17 -14.95	70.76 4.81 -0.01	57.31 3.95 -0.01	50.52 3.44 -0.01	43.19 2.86 -0.01	40.84 2.67 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	40.70 2.70 0.00	38.08 2.46 0.00	37.07 2.33 0.00	36.40 2.29 0.00	36.49 2.26 0.00	39.77 2.57 0.00	57.44 3.56 -0.02	74.55 5.20 -1.78	71.26 4.32 -0.48	50.88 3.00 -0.32	47.79 3.06 -0.39	44.71 3.19 -1.10	44.76 2.90 -1.51	45.99 2.93 -3.47	45.84 3.04 -3.32	47.77 3.20 -3.05	52.96 3.62 -2.89	67.91 4.77 -0.33	88.20 5.17 -14.95	70.76 4.81 -0.01	57.31 3.95 -0.01	50.52 3.44 -0.01	43.19 2.86 -0.01	40.84 2.67 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	40.70 2.70 0.00	38.04 2.42 0.00	37.07 2.33 0.00	36.40 2.29 0.00	36.46 2.23 0.00	39.74 2.53 0.00	57.39 3.50 -0.02	74.48 5.14 -1.78	71.26 4.32 -0.48	50.88 3.00 -0.32	47.79 3.06 -0.39	44.67 3.15 -1.10	44.76 2.90 -1.51	45.95 2.89 -3.47	45.81 3.00 -3.32	47.73 3.16 -3.05	52.96 3.62 -2.89	67.91 4.77 -0.33	88.13 5.11 -14.95	70.69 4.75 -0.01	57.26 3.90 -0.01	50.47 3.39 -0.01	43.19 2.86 -0.01	40.80 2.63 0.00
FARRAGUT___LBMP 323566	40.66 2.66 0.00	38.04 2.42 0.00	37.04 2.29 0.00	36.37 2.25 0.00	36.42 2.19 0.00	39.74 2.53 0.00	57.33 3.45 0.00	74.41 5.07 -1.78	71.20 4.25 -0.48	50.83 2.95 -0.32	47.75 3.02 -0.39	44.67 3.15 -1.10	44.72 2.86 -1.51	45.91 2.85 -3.47	45.81 3.00 -3.32	47.73 3.16 -3.05	52.91 3.58 -2.89	67.85 4.71 -0.33	88.06 5.04 -14.95	70.69 4.75 -0.01	57.20 3.84 -0.01	50.42 3.34 -0.01	43.15 2.82 -0.01	40.77 2.60 0.00
FENNER___WINDPWR 24204	38.57 0.57 0.00	36.22 0.60 0.00	35.34 0.59 0.00	34.59 0.48 0.00	34.75 0.51 0.00	37.80 0.59 0.00	55.05 1.18 0.00	69.05 1.48 0.00	63.15 1.13 4.44	48.27 0.71 0.00	45.01 0.67 0.00	41.11 0.69 0.00	40.95 0.61 0.00	40.14 0.55 0.00	39.91 0.44 0.00	41.98 0.46 0.00	46.95 0.51 0.00	63.56 0.76 0.00	69.16 1.09 0.00	66.99 1.05 0.00	54.10 0.75 0.00	47.83 0.75 0.00	40.88 0.56 0.00	38.59 0.42 0.00
FIBERTEK___ENERGY 23856	37.66 -0.34 0.00	35.29 -0.36 -0.03	34.45 -0.35 -0.05	33.83 -0.38 -0.09	33.86 -0.38 0.00	36.80 -0.41 0.00	53.49 -0.38 0.00	67.03 -0.54 0.00	64.21 -0.93 1.33	47.35 -0.57 -0.37	44.36 -0.35 -0.37	40.33 -0.20 -0.11	40.12 -0.32 -0.10	39.47 -0.28 -0.17	39.20 -0.28 0.00	41.19 -0.33 0.00	45.98 -0.46 0.00	62.18 -0.63 0.00	67.53 -0.54 0.00	65.35 -0.59 0.00	52.82 -0.53 0.00	46.61 -0.47 0.00	39.92 -0.40 0.00	37.71 -0.46 0.00
FITZPATRICK___ 23598	36.78 -1.22 0.00	34.20 -1.14 0.28	33.20 -1.11 0.43	32.20 -1.12 0.79	33.14 -1.10 0.00	35.98 -1.23 0.00	52.14 -1.73 0.00	65.34 -2.23 0.00	53.10 -2.53 10.84	42.60 -1.76 3.20	39.50 -1.51 3.34	38.20 -1.21 1.01	38.10 -1.29 0.95	36.80 -1.27 1.51	38.21 -1.26 0.00	40.15 -1.37 0.00	44.86 -1.58 0.00	60.60 -2.20 0.00	65.76 -2.31 0.00	63.63 -2.31 0.00	51.49 -1.87 0.00	45.48 -1.60 0.00	38.95 -1.37 0.00	36.87 -1.30 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	40.28 2.28 0.00	37.68 2.07 0.00	36.76 2.02 0.00	36.09 1.98 0.00	36.15 1.92 0.00	39.40 2.20 0.00	56.99 3.12 0.00	72.03 4.46 0.00	68.95 3.52 1.04	49.82 2.28 0.02	46.58 2.26 0.02	42.76 2.30 -0.03	42.41 2.02 -0.05	41.74 2.02 -0.14	41.80 2.17 -0.15	43.92 2.28 -0.12	49.32 2.74 -0.13	66.65 3.83 -0.01	72.87 4.29 -0.51	69.90 3.96 0.00	56.61 3.25 0.00	49.90 2.82 0.00	42.66 2.34 0.00	40.38 2.21 0.00
FORT ORANGE___ 23900	38.42 0.42 0.00	35.97 0.36 0.00	35.06 0.31 0.00	34.46 0.34 0.00	34.44 0.21 0.00	33.09 0.41 4.53	36.81 0.27 17.32	54.24 0.27 13.60	59.71 -0.26 6.49	39.75 -0.24 7.57	37.76 -0.26 6.32	37.44 -0.12 2.86	39.66 -0.48 0.20	38.68 -0.43 0.47	38.79 -0.24 0.46	39.31 -0.17 2.04	38.55 0.19 8.08	38.54 0.63 24.89	30.61 0.75 38.21	48.22 0.53 18.25	38.80 0.42 14.98	43.64 0.42 3.86	40.28 0.40 0.44	38.70 0.53 0.00
FORT_DRUM_COGEN 23780	38.65 0.65 0.00	36.54 0.89 -0.03	35.66 0.87 -0.05	34.81 0.61 -0.08	34.88 0.65 0.00	37.95 0.74 0.00	55.48 1.62 0.00	69.93 2.36 0.00	69.32 1.66 -1.19	48.72 0.81 -0.35	45.37 0.67 -0.36	40.89 0.36 -0.11	40.77 0.32 -0.10	39.94 0.20 -0.16	39.32 -0.16 0.00	41.44 -0.08 0.00	46.30 -0.14 0.00	62.87 0.06 0.00	68.96 0.88 0.00	66.86 0.92 0.00	53.89 0.53 0.00	48.07 0.99 0.00	40.88 0.56 0.00	38.44 0.27 0.00
FOX_HILLS___ESR 323835	41.01 3.00 -0.01	38.33 2.71 -0.01	37.33 2.57 -0.01	36.61 2.49 -0.01	36.71 2.46 -0.01	39.92 2.72 0.00	56.85 2.96 -0.02	73.21 3.85 -1.79	70.01 3.06 -0.49	50.06 2.19 -0.31	47.09 2.35 -0.40	44.07 2.55 -1.10	44.12 2.26 -1.52	45.36 2.30 -3.48	45.50 2.68 -3.33	47.15 2.57 -3.06	52.54 3.20 -2.90	67.41 4.27 -0.33	87.58 4.56 -14.95	70.17 4.22 -0.01	56.83 3.47 -0.01	50.10 3.01 -0.01	43.31 2.98 -0.01	41.12 2.94 -0.01
FPL_FAR_ROCK_GT1 24212	40.74 2.74 0.00	38.00 2.39 0.00	37.07 2.33 0.00	36.33 2.22 0.00	36.43 2.19 0.00	39.85 2.64 0.00	56.02 2.69 0.54	70.82 4.60 1.35	67.68 3.65 2.44	49.84 2.57 0.28	46.75 2.75 0.34	44.52 3.40 -0.70	44.54 3.06 -1.14	45.61 3.01 -3.02	45.80 3.20 -3.12	47.44 3.36 -2.56	53.10 3.85 -2.80	68.26 5.15 -0.30	88.72 5.72 -14.92	75.16 5.41 -3.81	57.52 4.16 0.00	50.65 3.58 0.00	43.26 2.94 0.00	40.69 2.52 0.00
FPL_FAR_ROCK_GT2 23815	40.74 2.74 0.00	38.00 2.39 0.00	37.07 2.33 0.00	36.33 2.22 0.00	36.43 2.19 0.00	39.85 2.64 0.00	56.02 2.69 0.54	70.82 4.60 1.35	67.68 3.65 2.44	49.84 2.57 0.28	46.75 2.75 0.34	44.52 3.40 -0.70	44.54 3.06 -1.14	45.61 3.01 -3.02	45.80 3.20 -3.12	47.44 3.36 -2.56	53.10 3.85 -2.80	68.26 5.15 -0.30	88.72 5.72 -14.92	75.16 5.41 -3.81	57.52 4.16 0.00	50.65 3.58 0.00	43.26 2.94 0.00	40.69 2.52 0.00
FRANKLIN_FALL_HYD 24054	38.72 0.72 0.00	36.40 0.78 0.00	35.44 0.69 0.00	34.90 0.78 0.00	34.99 0.75 0.00	38.10 0.89 0.00	55.05 1.19 0.00	69.26 1.69 0.00	68.19 1.73 0.00	48.75 1.19 0.00	45.36 1.02 0.00	41.19 0.77 0.00	41.35 1.01 0.00	40.37 0.79 0.00	40.03 0.55 0.00	42.06 0.54 0.00	46.91 0.46 0.00	63.49 0.69 0.00	68.69 0.61 0.00	66.86 0.92 0.00	53.84 0.48 0.00	47.31 0.24 0.00	40.56 0.24 0.00	38.40 0.23 0.00

FREEPORT_EQUS_GT1 23764	40.40 2.40 0.00	37.72 2.10 0.00	36.80 2.05 0.00	36.06 1.94 0.00	36.18 1.95 0.00	39.59 2.38 0.00	53.17 2.21 2.90	60.96 3.99 10.60	58.98 2.99 10.48	47.59 2.09 2.05	44.17 2.30 2.48	42.90 2.91 0.43	43.03 2.62 -0.07	43.87 2.57 -1.72	44.84 2.80 -2.55	45.61 2.95 -1.14	52.41 3.39 -2.58	67.57 4.52 -0.24	88.03 5.04 -14.92	74.43 4.68 -3.81	56.98 3.63 0.00	50.18 3.11 0.00	42.90 2.58 0.00	40.42 2.25 0.00
FREEPORT___CT2 23818	40.40 2.40 0.00	37.72 2.10 0.00	36.80 2.05 0.00	36.06 1.94 0.00	36.18 1.95 0.00	39.59 2.38 0.00	53.17 2.21 2.90	60.96 3.99 10.60	58.98 2.99 10.48	47.59 2.09 2.05	44.17 2.30 2.48	42.90 2.91 0.43	43.03 2.62 -0.07	43.87 2.57 -1.72	44.84 2.80 -2.55	45.61 2.95 -1.14	52.41 3.39 -2.58	67.57 4.52 -0.24	88.03 5.04 -14.92	74.43 4.68 -3.81	56.98 3.63 0.00	50.18 3.11 0.00	42.90 2.58 0.00	40.42 2.25 0.00
FRESHKLS_33_KV_LOAD 356253	41.12 3.12 -0.01	38.40 2.78 -0.01	37.40 2.64 -0.01	36.72 2.59 -0.01	36.81 2.57 -0.01	40.03 2.83 0.00	56.74 2.85 -0.02	73.07 3.72 -1.79	69.88 2.92 -0.49	49.96 2.09 -0.31	47.00 2.26 -0.40	43.99 2.47 -1.10	44.04 2.18 -1.52	45.24 2.18 -3.48	45.42 2.61 -3.33	47.07 2.49 -3.06	52.50 3.16 -2.90	67.34 4.21 -0.33	87.52 4.49 -14.95	70.17 4.22 -0.01	56.78 3.41 -0.01	50.10 3.01 -0.01	43.39 3.06 -0.01	41.27 3.09 -0.01
FULTON COGEN____ 23766	37.24 -0.76 0.00	34.94 -0.75 -0.07	34.13 -0.73 -0.12	33.58 -0.75 -0.21	33.51 -0.72 0.00	36.43 -0.78 0.00	52.79 -1.08 0.00	66.22 -1.35 0.00	69.52 -1.73 -4.78	47.25 -1.19 -0.88	44.31 -0.93 -0.90	39.97 -0.73 -0.27	39.79 -0.81 -0.26	39.24 -0.75 -0.41	38.69 -0.79 0.00	40.69 -0.83 0.00	45.42 -1.02 0.00	61.42 -1.38 0.00	66.65 -1.43 0.00	64.56 -1.38 0.00	52.18 -1.17 0.00	46.09 -0.99 0.00	39.51 -0.81 0.00	37.33 -0.84 0.00
FULTON___LFGE 323630	38.84 0.83 0.00	36.40 0.78 0.00	35.55 0.80 0.00	34.90 0.79 0.00	35.05 0.82 0.00	38.98 1.04 -0.73	58.39 1.72 -2.80	71.98 2.23 -2.19	66.88 0.73 0.31	48.54 -0.28 -1.27	44.68 -0.71 -1.05	39.94 -0.85 -0.37	39.00 -1.21 0.13	38.00 -1.27 0.32	38.26 -0.91 0.31	40.81 -0.71 0.00	47.51 -0.09 -1.16	68.28 0.88 -4.60	75.11 1.70 -5.33	70.12 1.19 -2.99	57.26 1.07 -2.83	48.84 1.03 -0.73	41.25 0.85 -0.08	39.01 0.84 0.00
G.F.CEMENT___DRP 24184	39.41 1.41 0.00	37.01 1.39 0.00	36.14 1.39 0.00	35.44 1.33 0.00	35.64 1.40 0.00	42.40 1.56 -3.63	70.07 2.32 -13.89	81.34 2.97 -10.80	72.13 2.06 -3.60	54.85 1.14 -6.15	50.40 0.93 -5.12	43.33 0.81 -2.10	40.57 0.40 0.18	39.48 0.32 0.42	39.66 0.59 0.41	43.15 0.66 -0.97	54.14 1.35 -6.35	86.61 2.14 -21.67	100.75 2.72 -29.95	68.05 2.11 0.00	55.12 1.76 0.00	48.63 1.55 0.00	41.69 1.37 0.00	39.58 1.41 0.00
GARDENVILLE___LBMP 24039	37.20 -0.80 0.00	34.83 -0.78 0.00	34.02 -0.73 0.00	33.13 -0.99 0.00	33.28 -0.96 0.00	35.83 -1.38 0.00	51.28 -2.59 0.00	63.11 -4.46 0.00	57.81 -4.12 4.53	45.61 -1.95 0.00	41.91 -2.44 0.00	39.19 -1.25 -0.03	38.97 -1.41 -0.04	38.29 -1.39 -0.09	37.95 -1.62 -0.09	39.44 -2.16 -0.08	43.18 -3.34 -0.08	57.66 -5.15 -0.01	62.86 -5.65 -0.43	61.26 -4.68 0.00	49.68 -3.68 0.00	44.35 -2.73 0.00	37.98 -2.34 0.00	36.19 -1.98 0.00
GARDNVLA_35_KV_LD 355827	37.39 -0.61 0.00	35.01 -0.61 0.00	34.16 -0.59 0.00	33.30 -0.82 0.00	33.45 -0.79 0.00	36.02 -1.19 0.00	51.60 -2.26 0.00	63.51 -4.05 0.00	58.25 -3.66 4.56	45.94 -1.62 0.00	42.22 -2.13 0.00	39.48 -0.97 -0.03	39.25 -1.13 -0.04	38.57 -1.11 -0.09	38.19 -1.38 -0.09	39.81 -1.79 -0.08	43.60 -2.93 -0.08	58.23 -4.58 -0.01	63.39 -5.11 -0.42	61.79 -4.15 0.00	50.16 -3.20 0.00	44.77 -2.31 0.00	38.34 -1.98 0.00	36.49 -1.68 0.00
GELCKHM___115KV_LOAD 80723	37.43 -0.57 0.00	35.11 -0.53 -0.02	34.22 -0.56 -0.03	33.63 -0.55 -0.06	33.69 -0.55 0.00	36.61 -0.60 0.00	53.16 -0.70 0.00	66.62 -0.95 0.00	62.61 -1.40 2.46	46.92 -0.90 -0.26	43.98 -0.62 -0.26	40.06 -0.44 -0.08	39.89 -0.52 -0.07	39.22 -0.47 -0.12	38.97 -0.51 0.00	40.94 -0.58 0.00	45.70 -0.74 0.00	61.80 -1.00 0.00	67.05 -1.02 0.00	64.95 -0.99 0.00	52.50 -0.85 0.00	46.37 -0.71 0.00	39.67 -0.65 0.00	37.52 -0.65 0.00
GENERAL___MILLS 23808	37.28 -0.72 0.00	34.91 -0.71 0.00	34.09 -0.66 0.00	33.19 -0.92 0.00	33.34 -0.89 0.00	35.90 -1.30 0.00	51.44 -2.42 0.00	63.31 -4.26 0.00	58.05 -3.85 4.56	45.75 -1.81 0.00	42.04 -2.31 0.00	39.36 -1.09 -0.03	39.09 -1.29 -0.04	38.45 -1.23 -0.09	38.07 -1.50 -0.09	39.69 -1.91 -0.08	43.41 -3.11 -0.08	57.98 -4.84 -0.01	63.18 -5.31 -0.42	61.52 -4.42 0.00	49.94 -3.41 0.00	44.58 -2.50 0.00	38.18 -2.14 0.00	36.38 -1.79 0.00
GE_PLASTICS___DRP 24183	38.46 0.46 0.00	36.05 0.43 0.00	35.16 0.42 0.00	34.52 0.41 0.00	34.68 0.45 0.00	34.81 0.60 3.00	43.16 0.75 11.46	59.43 0.88 9.02	62.29 0.33 4.50	42.69 0.14 5.01	40.34 0.18 4.18	38.77 0.28 1.93	40.03 -0.12 0.19	39.09 -0.04 0.46	39.15 0.12 0.44	40.21 0.17 1.47	41.05 0.42 5.81	45.92 0.69 17.58	41.08 0.82 27.81	66.47 0.53 0.00	53.89 0.53 0.00	47.59 0.52 0.00	40.76 0.44 0.00	38.71 0.53 0.00
GILBOA___1 23756	38.95 0.95 0.00	36.47 0.85 0.00	35.79 1.04 0.00	35.17 1.06 0.00	35.16 0.92 0.00	38.14 0.93 0.00	55.05 1.18 0.00	69.19 1.62 0.00	66.10 1.06 1.42	48.26 0.71 0.01	45.04 0.71 0.02	41.19 0.85 0.08	40.83 0.61 0.12	39.94 0.63 0.28	39.92 0.71 0.27	42.06 0.79 0.24	47.13 0.93 0.24	63.97 1.19 0.03	67.99 1.16 1.24	66.68 1.05 0.32	54.42 1.07 0.00	48.16 1.08 0.00	41.25 0.93 0.00	39.05 0.88 0.00
GILBOA___2 23757	38.95 0.95 0.00	36.47 0.85 0.00	35.79 1.04 0.00	35.17 1.06 0.00	35.16 0.92 0.00	38.14 0.93 0.00	55.05 1.18 0.00	69.19 1.62 0.00	66.10 1.06 1.42	48.26 0.71 0.01	45.04 0.71 0.02	41.19 0.85 0.08	40.83 0.61 0.12	39.94 0.63 0.28	39.92 0.71 0.27	42.06 0.79 0.24	47.13 0.93 0.24	63.97 1.19 0.03	67.99 1.16 1.24	66.68 1.05 0.32	54.42 1.07 0.00	48.16 1.08 0.00	41.25 0.93 0.00	39.05 0.88 0.00
GILBOA___3 23758	38.95 0.95 0.00	36.47 0.85 0.00	35.79 1.04 0.00	35.17 1.06 0.00	35.16 0.92 0.00	38.14 0.93 0.00	55.05 1.18 0.00	69.19 1.62 0.00	66.10 1.06 1.42	48.26 0.71 0.01	45.04 0.71 0.02	41.19 0.85 0.08	40.83 0.61 0.12	39.94 0.63 0.28	39.92 0.71 0.27	42.06 0.79 0.24	47.13 0.93 0.24	63.97 1.19 0.03	67.99 1.16 1.24	66.68 1.05 0.32	54.42 1.07 0.00	48.16 1.08 0.00	41.25 0.93 0.00	39.05 0.88 0.00
GILBOA___4 23759	38.95 0.95 0.00	36.47 0.85 0.00	35.79 1.04 0.00	35.17 1.06 0.00	35.16 0.92 0.00	38.14 0.93 0.00	55.05 1.18 0.00	69.19 1.62 0.00	66.10 1.06 1.42	48.26 0.71 0.01	45.04 0.71 0.02	41.19 0.85 0.08	40.83 0.61 0.12	39.94 0.63 0.28	39.92 0.71 0.27	42.06 0.79 0.24	47.13 0.93 0.24	63.97 1.19 0.03	67.99 1.16 1.24	66.68 1.05 0.32	54.42 1.07 0.00	48.16 1.08 0.00	41.25 0.93 0.00	39.05 0.88 0.00

GILBOA____ 23599	38.95 0.95 0.00	36.47 0.85 0.00	35.68 0.94 0.00	35.17 1.06 0.00	35.16 0.92 0.00	38.14 0.93 0.00	55.10 1.24 0.00	69.32 1.76 0.00	66.40 1.13 1.19	48.30 0.76 0.01	45.08 0.75 0.02	41.23 0.89 0.08	40.87 0.65 0.12	39.98 0.67 0.28	39.96 0.75 0.27	42.11 0.83 0.24	47.23 1.02 0.24	64.22 1.44 0.03	68.06 1.23 1.24	66.99 1.06 0.00	54.48 1.12 0.00	48.16 1.08 0.00	41.25 0.93 0.00	39.05 0.88 0.00
GINNA____ 23603	35.80 -2.21 0.00	33.59 -2.03 0.00	32.73 -2.02 0.00	32.07 -2.05 0.00	32.25 -1.99 0.00	34.82 -2.38 0.00	50.63 -3.23 0.00	63.18 -4.39 0.00	55.65 -4.52 6.29	44.79 -2.85 -0.08	41.95 -2.40 0.00	38.64 -1.78 0.00	38.45 -1.90 0.00	37.84 -1.74 0.00	37.51 -1.97 0.00	39.36 -2.16 0.00	43.66 -2.79 0.00	58.78 -4.02 0.00	63.52 -4.56 0.00	61.45 -4.49 0.00	49.68 -3.68 0.00	44.02 -3.06 0.00	37.58 -2.74 0.00	35.69 -2.48 0.00
GLEN PARK____ 23778	38.72 0.72 0.00	36.61 0.96 -0.03	35.73 0.94 -0.05	34.85 0.65 -0.09	34.95 0.72 0.00	38.02 0.82 0.00	55.70 1.83 0.00	70.13 2.57 0.00	67.98 1.80 0.28	48.79 0.86 -0.37	45.43 0.71 -0.38	40.98 0.45 -0.11	40.81 0.36 -0.11	39.99 0.24 -0.17	39.36 -0.12 0.00	41.48 -0.04 0.00	46.40 -0.05 0.00	63.06 0.25 0.00	69.23 1.16 0.00	67.06 1.12 0.00	54.10 0.75 0.00	48.25 1.18 0.00	41.05 0.73 0.00	38.55 0.38 0.00
GLENDALE_27_KV_LOAD 356172	40.97 2.96 -0.01	38.30 2.67 -0.01	37.33 2.57 -0.01	36.61 2.49 -0.01	36.71 2.46 -0.01	39.96 2.75 0.00	57.33 3.45 -0.02	74.40 4.93 -1.90	71.17 4.12 -0.59	50.85 2.95 -0.35	47.82 3.06 -0.42	44.73 3.19 -1.11	44.77 2.90 -1.52	46.00 2.93 -3.49	45.93 3.12 -3.33	47.79 3.20 -3.07	53.06 3.72 -2.90	68.04 4.90 -0.33	88.20 5.17 -14.95	70.82 4.88 -0.01	57.31 3.95 -0.01	50.57 3.48 -0.01	43.43 3.10 -0.01	41.08 2.90 -0.01
GLENWOOD_IC_1_G5 23712	40.47 2.47 0.00	37.79 2.17 0.00	36.87 2.12 0.00	36.16 2.05 0.00	36.25 2.02 0.00	39.55 2.34 0.00	54.93 2.85 1.78	65.16 4.59 7.00	62.96 3.66 7.16	48.71 2.52 1.37	45.45 2.75 1.65	43.46 3.03 -0.01	43.57 2.74 -0.49	44.54 2.73 -2.23	45.18 2.92 -2.78	46.24 3.03 -1.69	52.64 3.53 -2.67	67.71 4.65 -0.26	88.04 5.04 -14.92	70.62 4.68 0.00	57.09 3.74 0.00	50.23 3.15 0.00	42.94 2.62 0.00	40.54 2.37 0.00
GLENWOOD_IC_2_G1 23688	40.40 2.40 0.00	37.76 2.14 0.00	36.80 2.05 0.00	36.13 2.01 0.00	36.18 1.95 0.00	39.51 2.31 0.00	56.63 2.75 -0.02	70.55 4.33 1.35	67.48 3.45 2.44	49.70 2.42 0.28	46.48 2.48 0.34	43.99 2.87 -0.70	44.06 2.58 -1.14	45.14 2.54 -3.02	45.28 2.69 -3.12	46.90 2.82 -2.56	52.45 3.20 -2.80	67.31 4.21 -0.30	87.63 4.63 -14.92	74.10 4.35 -3.81	56.82 3.47 0.00	50.13 3.06 0.00	42.86 2.54 0.00	40.46 2.29 0.00
GLENWOOD_IC_3_G1 23689	40.40 2.40 0.00	37.76 2.14 0.00	36.80 2.05 0.00	36.13 2.01 0.00	36.18 1.95 0.00	39.51 2.31 0.00	56.63 2.75 -0.02	70.55 4.33 1.35	67.48 3.45 2.44	49.70 2.42 0.28	46.48 2.48 0.34	43.99 2.87 -0.70	44.06 2.58 -1.14	45.14 2.54 -3.02	45.28 2.69 -3.12	46.90 2.82 -2.56	52.45 3.20 -2.80	67.31 4.21 -0.30	87.63 4.63 -14.92	74.10 4.35 -3.81	56.82 3.47 0.00	50.13 3.06 0.00	42.86 2.54 0.00	40.46 2.29 0.00
GLENWOOD____4 23550	40.47 2.47 0.00	37.79 2.17 0.00	36.87 2.12 0.00	36.16 2.05 0.00	36.25 2.02 0.00	39.55 2.34 0.00	54.93 2.85 1.78	65.16 4.59 7.00	62.96 3.66 7.16	48.71 2.52 1.37	45.45 2.75 1.65	43.46 3.03 -0.01	43.57 2.74 -0.49	44.54 2.73 -2.23	45.18 2.92 -2.78	46.24 3.03 -1.69	52.64 3.53 -2.67	67.71 4.65 -0.26	88.04 5.04 -14.92	70.62 4.68 0.00	57.09 3.74 0.00	50.23 3.15 0.00	42.94 2.62 0.00	40.54 2.37 0.00
GLENWOOD____5 23614	40.47 2.47 0.00	37.79 2.17 0.00	36.87 2.12 0.00	36.16 2.05 0.00	36.25 2.02 0.00	39.55 2.34 0.00	54.93 2.85 1.78	65.16 4.59 7.00	62.96 3.66 7.16	48.71 2.52 1.37	45.45 2.75 1.65	43.46 3.03 -0.01	43.57 2.74 -0.49	44.54 2.73 -2.23	45.18 2.92 -2.78	46.24 3.03 -1.69	52.64 3.53 -2.67	67.71 4.65 -0.26	88.04 5.04 -14.92	70.62 4.68 0.00	57.09 3.74 0.00	50.23 3.15 0.00	42.94 2.62 0.00	40.54 2.37 0.00
GLOBAL GREEN_PORT_GT1 23814	39.86 1.86 0.00	37.15 1.53 0.00	36.31 1.57 0.00	35.75 1.64 0.00	36.01 1.78 0.00	39.70 2.49 0.00	49.79 1.40 5.47	50.21 2.77 20.13	49.43 1.73 18.76	44.82 1.14 3.88	40.96 1.29 4.67	40.68 1.86 1.61	40.72 1.41 1.03	41.39 1.42 -0.38	43.19 1.74 -1.97	43.06 1.87 0.32	51.30 2.51 -2.35	66.18 3.20 -0.17	86.60 3.61 -14.92	73.11 3.36 -3.81	55.91 2.56 0.00	49.61 2.54 0.00	42.21 1.90 0.00	40.19 2.02 0.00
GLOBE____DSASP 323697	36.82 -1.18 0.00	34.44 -1.18 0.00	33.32 -1.42 0.00	32.78 -1.33 0.00	32.97 -1.27 0.00	35.12 -2.08 0.00	49.93 -3.93 0.00	61.35 -6.22 0.00	56.41 -5.45 4.61	44.80 -2.76 0.00	41.24 -3.10 0.00	38.63 -1.82 -0.02	38.40 -1.98 -0.04	37.77 -1.90 -0.09	37.44 -2.13 -0.09	39.06 -2.53 -0.08	42.57 -3.95 -0.08	56.47 -6.34 -0.01	61.04 -7.42 -0.39	59.81 -6.13 0.00	48.72 -4.64 0.00	43.59 -3.48 0.00	37.34 -2.98 0.00	35.65 -2.52 0.00
GOETHSLN____LBMP 323567	40.55 2.55 0.00	37.90 2.28 0.00	36.94 2.19 0.00	36.26 2.15 0.00	36.32 2.09 0.00	39.59 2.38 0.00	57.23 3.34 -0.02	74.28 4.93 -1.78	71.07 4.12 -0.48	50.73 2.85 -0.32	47.66 2.93 -0.39	44.59 3.07 -1.10	44.64 2.78 -1.51	45.87 2.81 -3.47	45.73 2.92 -3.32	47.64 3.07 -3.05	52.77 3.44 -2.89	67.72 4.58 -0.33	87.93 4.90 -14.95	70.49 4.55 -0.01	57.10 3.74 -0.01	50.33 3.25 -0.01	43.03 2.70 -0.01	40.65 2.48 0.00
GOLAH____69_KV_TB 1_2 80279	37.66 -0.34 0.00	35.33 -0.28 0.00	34.47 -0.28 0.00	33.67 -0.44 0.00	33.86 -0.38 0.00	36.54 -0.67 0.00	52.73 -1.13 0.00	65.61 -1.96 0.00	59.80 -1.99 4.67	46.80 -0.76 0.00	43.55 -0.80 0.00	40.24 -0.20 -0.02	40.05 -0.32 -0.03	39.46 -0.20 -0.07	39.12 -0.43 -0.07	41.00 -0.58 -0.06	45.25 -1.25 -0.06	60.74 -2.07 -0.01	65.63 -2.45 0.00	63.96 -1.98 0.00	51.81 -1.55 0.00	45.99 -1.08 0.00	39.23 -1.09 0.00	37.41 -0.76 0.00
GOODYEAR_LAKE_HYD 323669	38.91 0.91 0.00	36.47 0.85 0.00	35.65 0.90 0.00	34.97 0.85 0.00	35.09 0.86 0.00	38.14 0.93 0.00	55.48 1.62 0.00	69.74 2.09 -0.07	65.91 1.40 1.95	48.37 0.81 0.00	45.10 0.75 0.00	41.27 0.81 -0.04	41.04 0.65 -0.05	40.31 0.59 -0.13	40.16 0.55 -0.13	42.30 0.66 -0.11	47.35 0.79 -0.12	64.14 1.32 -0.01	70.24 1.57 -0.60	67.32 1.38 0.00	54.53 1.17 0.00	48.25 1.18 0.00	41.21 0.89 0.00	38.90 0.73 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	38.30 0.30 0.00	35.83 0.21 0.00	34.95 0.21 0.00	34.29 0.17 0.00	34.41 0.17 0.00	37.32 0.11 0.00	54.24 0.38 0.00	67.84 0.20 -0.07	62.17 -0.33 3.96	47.38 -0.19 -0.01	44.13 -0.22 -0.01	40.60 0.12 -0.06	40.38 -0.04 -0.08	39.78 0.00 -0.20	39.63 -0.04 -0.19	41.61 -0.08 -0.17	46.33 -0.28 -0.17	62.45 -0.38 -0.02	68.71 -0.20 -0.83	65.81 -0.13 0.00	53.20 -0.16 0.00	47.08 0.00 0.00	40.28 -0.04 0.00	38.13 -0.04 0.00

GOUDEY___7 23579	38.30 0.30 0.00	35.83 0.21 0.00	34.95 0.21 0.00	34.29 0.17 0.00	34.41 0.17 0.00	37.32 0.11 0.00	54.24 0.38 0.00	67.84 0.20 -0.07	62.17 -0.33 3.96	47.38 -0.19 -0.01	44.13 -0.22 -0.01	40.60 0.12 -0.06	40.38 -0.04 -0.08	39.78 0.00 -0.20	39.63 -0.04 -0.19	41.61 -0.08 -0.17	46.33 -0.28 -0.17	62.45 -0.38 -0.02	68.71 -0.20 -0.83	65.81 -0.13 0.00	53.20 -0.16 0.00	47.08 0.00 0.00	40.28 -0.04 0.00	38.13 -0.04 0.00
GOUDEY___8 23580	38.30 0.30 0.00	35.83 0.21 0.00	34.95 0.21 0.00	34.29 0.17 0.00	34.41 0.17 0.00	37.32 0.11 0.00	54.24 0.38 0.00	67.84 0.20 -0.07	62.17 -0.33 3.96	47.38 -0.19 -0.01	44.13 -0.22 -0.01	40.60 0.12 -0.06	40.38 -0.04 -0.08	39.78 0.00 -0.20	39.63 -0.04 -0.19	41.61 -0.08 -0.17	46.33 -0.28 -0.17	62.45 -0.38 -0.02	68.71 -0.20 -0.83	65.81 -0.13 0.00	53.20 -0.16 0.00	47.08 0.00 0.00	40.28 -0.04 0.00	38.13 -0.04 0.00
GOWANUS_GT1_1 24077	41.01 3.00 -0.01	38.33 2.71 -0.01	37.33 2.57 -0.01	36.61 2.49 -0.01	36.71 2.46 -0.01	39.92 2.72 0.00	57.07 3.18 -0.02	73.61 4.26 -1.79	70.41 3.46 -0.49	50.36 2.47 -0.33	47.36 2.62 -0.40	44.32 2.79 -1.10	44.36 2.50 -1.52	45.56 2.49 -3.48	45.65 2.84 -3.33	47.36 2.78 -3.06	52.78 3.44 -2.90	67.66 4.52 -0.33	87.86 4.83 -14.95	70.43 4.48 -0.01	57.05 3.68 -0.01	50.33 3.25 -0.01	43.39 3.06 -0.01	41.12 2.94 -0.01
GOWANUS_GT1_2 24078	41.01 3.00 -0.01	38.33 2.71 -0.01	37.33 2.57 -0.01	36.61 2.49 -0.01	36.71 2.46 -0.01	39.92 2.72 0.00	57.07 3.18 -0.02	73.61 4.26 -1.79	70.41 3.46 -0.49	50.36 2.47 -0.33	47.36 2.62 -0.40	44.32 2.79 -1.10	44.36 2.50 -1.52	45.56 2.49 -3.48	45.65 2.84 -3.33	47.36 2.78 -3.06	52.78 3.44 -2.90	67.66 4.52 -0.33	87.86 4.83 -14.95	70.43 4.48 -0.01	57.05 3.68 -0.01	50.33 3.25 -0.01	43.39 3.06 -0.01	41.12 2.94 -0.01
GOWANUS_GT1_3 24079	41.01 3.00 -0.01	38.33 2.71 -0.01	37.33 2.57 -0.01	36.61 2.49 -0.01	36.71 2.46 -0.01	39.92 2.72 0.00	57.07 3.18 -0.02	73.61 4.26 -1.79	70.41 3.46 -0.49	50.36 2.47 -0.33	47.36 2.62 -0.40	44.32 2.79 -1.10	44.36 2.50 -1.52	45.56 2.49 -3.48	45.65 2.84 -3.33	47.36 2.78 -3.06	52.78 3.44 -2.90	67.66 4.52 -0.33	87.86 4.83 -14.95	70.43 4.48 -0.01	57.05 3.68 -0.01	50.33 3.25 -0.01	43.39 3.06 -0.01	41.12 2.94 -0.01
GOWANUS_GT1_4 24080	41.01 3.00 -0.01	38.33 2.71 -0.01	37.33 2.57 -0.01	36.61 2.49 -0.01	36.71 2.46 -0.01	39.92 2.72 0.00	57.07 3.18 -0.02	73.61 4.26 -1.79	70.41 3.46 -0.49	50.36 2.47 -0.33	47.36 2.62 -0.40	44.32 2.79 -1.10	44.36 2.50 -1.52	45.56 2.49 -3.48	45.65 2.84 -3.33	47.36 2.78 -3.06	52.78 3.44 -2.90	67.66 4.52 -0.33	87.86 4.83 -14.95	70.43 4.48 -0.01	57.05 3.68 -0.01	50.33 3.25 -0.01	43.39 3.06 -0.01	41.12 2.94 -0.01
GOWANUS_GT1_5 24084	41.01 3.00 -0.01	38.33 2.71 -0.01	37.33 2.57 -0.01	36.61 2.49 -0.01	36.71 2.46 -0.01	39.92 2.72 0.00	57.07 3.18 -0.02	73.61 4.26 -1.79	70.41 3.46 -0.49	50.36 2.47 -0.33	47.36 2.62 -0.40	44.32 2.79 -1.10	44.36 2.50 -1.52	45.56 2.49 -3.48	45.65 2.84 -3.33	47.36 2.78 -3.06	52.78 3.44 -2.90	67.66 4.52 -0.33	87.86 4.83 -14.95	70.43 4.48 -0.01	57.05 3.68 -0.01	50.33 3.25 -0.01	43.39 3.06 -0.01	41.12 2.94 -0.01
GOWANUS_GT1_6 24111	41.01 3.00 -0.01	38.33 2.71 -0.01	37.3																					

GOWANUS_GT2_6 24119	40.97 2.97 -0.01	38.30 2.67 -0.01	37.29 2.54 -0.01	36.61 2.49 -0.01	36.71 2.47 -0.01	39.92 2.71 0.00	56.96 3.07 -0.02	73.41 4.05 -1.79	70.01 3.26 -0.29	50.31 2.42 -0.33	47.18 2.44 -0.40	44.28 2.75 -1.10	44.32 2.46 -1.52	45.48 2.41 -3.48	45.30 2.49 -3.33	47.27 2.70 -3.06	52.64 3.30 -2.90	67.53 4.39 -0.33	87.79 4.76 -14.95	74.18 4.42 -3.82	56.94 3.58 -0.01	50.33 3.25 -0.01	43.35 3.03 -0.01	41.08 2.90 -0.01
GOWANUS_GT2_7 24120	40.97 2.97 -0.01	38.30 2.67 -0.01	37.29 2.54 -0.01	36.61 2.49 -0.01	36.71 2.47 -0.01	39.92 2.71 0.00	56.96 3.07 -0.02	73.41 4.05 -1.79	70.01 3.26 -0.29	50.31 2.42 -0.33	47.18 2.44 -0.40	44.28 2.75 -1.10	44.32 2.46 -1.52	45.48 2.41 -3.48	45.30 2.49 -3.33	47.27 2.70 -3.06	52.64 3.30 -2.90	67.53 4.39 -0.33	87.79 4.76 -14.95	74.18 4.42 -3.82	56.94 3.58 -0.01	50.33 3.25 -0.01	43.35 3.03 -0.01	41.08 2.90 -0.01
GOWANUS_GT2_8 24121	40.97 2.97 -0.01	38.30 2.67 -0.01	37.29 2.54 -0.01	36.61 2.49 -0.01	36.71 2.47 -0.01	39.92 2.71 0.00	56.96 3.07 -0.02	73.41 4.05 -1.79	70.01 3.26 -0.29	50.31 2.42 -0.33	47.18 2.44 -0.40	44.28 2.75 -1.10	44.32 2.46 -1.52	45.48 2.41 -3.48	45.30 2.49 -3.33	47.27 2.70 -3.06	52.64 3.30 -2.90	67.53 4.39 -0.33	87.79 4.76 -14.95	74.18 4.42 -3.82	56.94 3.58 -0.01	50.33 3.25 -0.01	43.35 3.03 -0.01	41.08 2.90 -0.01
GOWANUS_GT3_1 24122	41.01 3.00 -0.01	38.33 2.71 -0.01	37.33 2.57 -0.01	36.61 2.49 -0.01	36.71 2.47 -0.01	39.96 2.75 0.00	56.96 3.07 -0.02	73.41 4.05 -1.79	70.08 3.32 -0.29	50.31 2.42 -0.33	47.22 2.48 -0.40	44.28 2.75 -1.10	44.36 2.50 -1.52	45.52 2.45 -3.48	45.34 2.53 -3.33	47.32 2.74 -3.06	52.68 3.35 -2.90	67.53 4.39 -0.33	87.79 4.76 -14.95	74.25 4.49 -3.82	56.99 3.63 -0.01	50.33 3.25 -0.01	43.35 3.03 -0.01	41.12 2.94 -0.01
GOWANUS_GT3_2 24123	41.01 3.00 -0.01	38.33 2.71 -0.01	37.33 2.57 -0.01	36.61 2.49 -0.01	36.71 2.47 -0.01	39.96 2.75 0.00	56.96 3.07 -0.02	73.41 4.05 -1.79	70.08 3.32 -0.29	50.31 2.42 -0.33	47.22 2.48 -0.40	44.28 2.75 -1.10	44.36 2.50 -1.52	45.52 2.45 -3.48	45.34 2.53 -3.33	47.32 2.74 -3.06	52.68 3.35 -2.90	67.53 4.39 -0.33	87.79 4.76 -14.95	74.25 4.49 -3.82	56.99 3.63 -0.01	50.33 3.25 -0.01	43.35 3.03 -0.01	41.12 2.94 -0.01
GOWANUS_GT3_3 24124	41.01 3.00 -0.01	38.33 2.71 -0.01	37.33 2.57 -0.01	36.61 2.49 -0.01	36.71 2.47 -0.01	39.96 2.75 0.00	56.96 3.07 -0.02	73.41 4.05 -1.79	70.08 3.32 -0.29	50.31 2.42 -0.33	47.22 2.48 -0.40	44.28 2.75 -1.10	44.36 2.50 -1.52	45.52 2.45 -3.48	45.34 2.53 -3.33	47.32 2.74 -3.06	52.68 3.35 -2.90	67.53 4.39 -0.33	87.79 4.76 -14.95	74.25 4.49 -3.82	56.99 3.63 -0.01	50.33 3.25 -0.01	43.35 3.03 -0.01	41.12 2.94 -0.01
GOWANUS_GT3_4 24125	41.01 3.00 -0.01	38.33 2.71 -0.01	37.33 2.57 -0.01	36.61 2.49 -0.01	36.71 2.47 -0.01	39.96 2.75 0.00	56.96 3.07 -0.02	73.41 4.05 -1.79	70.08 3.32 -0.29	50.31 2.42 -0.33	47.22 2.48 -0.40	44.28 2.75 -1.10	44.36 2.50 -1.52	45.52 2.45 -3.48	45.34 2.53 -3.33	47.32 2.74 -3.06	52.68 3.35 -2.90	67.53 4.39 -0.33	87.79 4.76 -14.95	74.25 4.49 -3.82	56.99 3.63 -0.01	50.33 3.25 -0.01	43.35 3.03 -0.01	41.12 2.94 -0.01
GOWANUS_GT3_5 24126	41.01 3.00 -0.01	38.33 2.71 -0.01																						

GOWANUS_GT4_5 24134	40.97 2.96 -0.01	38.30 2.67 -0.01	37.29 2.54 -0.01	36.61 2.49 -0.01	36.71 2.46 -0.01	39.92 2.72 0.00	57.01 3.12 -0.02	73.54 4.19 -1.79	70.34 3.39 -0.49	50.31 2.43 -0.33	47.31 2.57 -0.40	44.28 2.75 -1.10	44.32 2.46 -1.52	45.52 2.45 -3.48	45.65 2.84 -3.33	47.32 2.74 -3.06	52.78 3.44 -2.90	67.66 4.52 -0.33	87.86 4.83 -14.95	70.43 4.48 -0.01	56.99 3.63 -0.01	50.28 3.20 -0.01	43.35 3.02 -0.01	41.12 2.94 -0.01
GOWANUS_GT4_6 24135	40.97 2.96 -0.01	38.30 2.67 -0.01	37.29 2.54 -0.01	36.61 2.49 -0.01	36.71 2.46 -0.01	39.92 2.72 0.00	57.01 3.12 -0.02	73.54 4.19 -1.79	70.34 3.39 -0.49	50.31 2.43 -0.33	47.31 2.57 -0.40	44.28 2.75 -1.10	44.32 2.46 -1.52	45.52 2.45 -3.48	45.65 2.84 -3.33	47.32 2.74 -3.06	52.78 3.44 -2.90	67.66 4.52 -0.33	87.86 4.83 -14.95	70.43 4.48 -0.01	56.99 3.63 -0.01	50.28 3.20 -0.01	43.35 3.02 -0.01	41.12 2.94 -0.01
GOWANUS_GT4_7 24136	40.97 2.96 -0.01	38.30 2.67 -0.01	37.29 2.54 -0.01	36.61 2.49 -0.01	36.71 2.46 -0.01	39.92 2.72 0.00	57.01 3.12 -0.02	73.54 4.19 -1.79	70.34 3.39 -0.49	50.31 2.43 -0.33	47.31 2.57 -0.40	44.28 2.75 -1.10	44.32 2.46 -1.52	45.52 2.45 -3.48	45.65 2.84 -3.33	47.32 2.74 -3.06	52.78 3.44 -2.90	67.66 4.52 -0.33	87.86 4.83 -14.95	70.43 4.48 -0.01	56.99 3.63 -0.01	50.28 3.20 -0.01	43.35 3.02 -0.01	41.12 2.94 -0.01
GOWANUS_GT4_8 24137	40.97 2.96 -0.01	38.30 2.67 -0.01	37.29 2.54 -0.01	36.61 2.49 -0.01	36.71 2.46 -0.01	39.92 2.72 0.00	57.01 3.12 -0.02	73.54 4.19 -1.79	70.34 3.39 -0.49	50.31 2.43 -0.33	47.31 2.57 -0.40	44.28 2.75 -1.10	44.32 2.46 -1.52	45.52 2.45 -3.48	45.65 2.84 -3.33	47.32 2.74 -3.06	52.78 3.44 -2.90	67.66 4.52 -0.33	87.86 4.83 -14.95	70.43 4.48 -0.01	56.99 3.63 -0.01	50.28 3.20 -0.01	43.35 3.02 -0.01	41.12 2.94 -0.01
GREATVR_69_KV_BK1 356245	40.70 2.70 0.00	37.93 2.32 0.00	37.04 2.29 0.00	36.33 2.22 0.00	36.42 2.19 0.00	39.85 2.64 0.00	50.34 1.67 5.19	51.98 3.51 19.10	51.24 2.46 17.68	45.40 1.52 3.68	41.86 1.95 4.44	41.41 2.47 1.48	41.53 2.10 0.91	42.25 2.14 -0.53	43.93 2.41 -2.04	43.84 2.49 0.17	51.84 3.02 -2.38	67.76 4.77 -0.18	88.37 5.38 -14.92	70.95 5.01 0.00	57.30 3.95 0.00	50.51 3.44 0.00	43.14 2.82 0.00	40.77 2.60 0.00
GREENBSH_115KV_TB3 55895	38.23 0.23 0.00	35.83 0.21 0.00	34.95 0.21 0.00	34.29 0.17 0.00	34.41 0.17 0.00	33.05 0.37 4.53	36.97 0.43 17.32	54.30 0.34 13.60	59.91 -0.20 6.36	39.75 -0.24 7.57	37.85 -0.18 6.32	37.48 -0.08 2.86	39.70 -0.44 0.20	38.72 -0.20 0.47	38.82 -0.20 0.46	39.31 -0.17 2.04	37.98 0.14 8.60	36.53 0.31 26.58	28.51 0.48 40.04	66.07 0.13 0.00	53.57 0.21 0.00	47.31 0.24 0.00	40.56 0.24 0.00	38.51 0.34 0.00
GREENDGE_115KV_TB5 80291	38.19 0.19 0.00	35.73 0.11 0.00	34.78 0.03 0.00	34.08 -0.03 0.00	34.23 0.00 0.00	37.17 -0.04 0.00	53.86 0.00 0.00	67.34 -0.27 -0.05	61.40 -0.93 4.14	46.80 -0.76 0.00	43.86 -0.49 0.00	40.29 -0.16 -0.03	40.03 -0.36 -0.05	39.47 -0.24 -0.12	39.29 -0.32 -0.12	41.25 -0.37 -0.11	45.57 -0.98 -0.11	61.62 -1.19 -0.01	67.63 -0.95 -0.50	65.15 -0.79 0.00	52.50 -0.85 0.00	46.37 -0.71 0.00	39.92 -0.40 0.00	37.75 -0.42 0.00
GREENIDGE___3 23582	38.19 0.19 0.00	35.73 0.11 0.00	34.78 0.03 0.00	34.08 -0.03 0.00	34.23 0.00 0.00	37.17 -0.04 0.00	53.86 0.00 0.00	67.34 -0.27 -0.05	61.40 -0.93 4.14	46.80 -0.76 0.00	43.86 -0.49 0.00	40.29 -0.16 -0.03	40.03 -0.36 -0.05	39.47 -0.24 -0.12	39.29 -0.32 -0.12	41.25 -0.37 -0.11	45.57 -0.98 -0.11	61.62 -1.19 -0.01	67.63 -0.95 -0.50	65.15 -0.79 0.00	52.50 -0.85 0.00	46.37 -0.71 0.00	39.92 -0.40 0.00	37.75 -0.42 0.00
GREENIDGE___4 23583	38.19 0.19 0.00	35.73 0.11 0.00	34.78 0.03 0.00	34.08 -0.03 0.00	34.23 0.00 0.00	37.13 -0.07 0.00	53.86 0.00 0.00	67.21 -0.40 -0.05	59.77 -1.07 5.62	46.70 -0.85 0.00	43.50 -0.84 0.00	40.33 -0.12 -0.03	40.02 -0.36 -0.05	39.46 -0.24 -0.11	39.28 -0.32 -0.11	41.20 -0.42 -0.10	45.56 -0.98 -0.10	61.49 -1.32 -0.01	67.61 -1.02 -0.55	65.08 -0.99 -0.13	52.34 -1.02 0.00	46.23 -0.85 0.00	39.88 -0.44 0.00	37.75 -0.42 0.00
GREENLWN_69_KV_BK 3 55738	40.01 2.01 0.00	37.33 1.71 0.00	36.41 1.67 0.00	35.72 1.60 0.00	35.81 1.57 0.00	39.10 1.90 0.00	49.97 1.40 5.29	51.21 3.11 19.47	50.66 2.19 18.00	45.33 1.52 3.75	41.77 1.95 4.52	41.36 2.47 1.52	41.49 2.10 0.95	42.16 2.10 -0.48	43.75 2.25 -2.01	43.62 2.33 0.22	51.55 2.74 -2.37	66.50 3.52 -0.18	86.74 3.74 -14.92	69.36 3.43 0.00	56.02 2.67 0.00	49.28 2.21 0.00	42.17 1.85 0.00	39.93 1.76 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	41.01 3.00 -0.01	38.33 2.71 -0.01	37.33 2.57 -0.01	36.61 2.49 -0.01	36.71 2.46 -0.01	39.92 2.72 0.00	57.07 3.18 -0.02	73.61 4.26 -1.79	70.41 3.46 -0.49	50.36 2.47 -0.33	47.36 2.62 -0.40	44.32 2.79 -1.10	44.36 2.50 -1.52	45.56 2.49 -3.48	45.65 2.84 -3.33	47.36 2.78 -3.06	52.78 3.44 -2.90	67.66 4.52 -0.33	87.86 4.83 -14.95	70.43 4.48 -0.01	57.05 3.68 -0.01	50.33 3.25 -0.01	43.39 3.06 -0.01	41.12 2.94 -0.01
GRISSOM___SOLAR 323813	39.03 1.03 0.00	36.54 0.92 0.00	35.69 0.94 0.00	35.04 0.92 0.00	35.19 0.96 0.00	39.15 1.19 -0.75	58.56 1.83 -2.87	72.24 2.43 -2.24	67.14 0.93 0.26	48.76 -0.09 -1.29	44.84 -0.58 -1.07	40.11 -0.69 -0.38	39.15 -1.05 0.14	38.14 -1.11 0.33	38.41 -0.75 0.32	41.02 -0.50 0.00	47.76 0.14 -1.18	68.69 1.19 -4.70	75.40 1.90 -5.42	70.44 1.45 -3.05	57.53 1.28 -2.90	49.00 1.18 -0.75	41.41 1.01 -0.08	39.16 0.99 0.00
GROVEVILLE___HYD 323602	40.28 2.28 0.00	37.68 2.07 0.00	36.76 2.02 0.00	36.09 1.98 0.00	36.15 1.92 0.00	39.40 2.20 0.00	56.99 3.12 0.00	72.03 4.46 0.00	68.95 3.52 1.04	49.82 2.28 0.02	46.58 2.26 0.02	42.76 2.30 -0.03	42.41 2.02 -0.05	41.74 2.02 -0.14	41.80 2.17 -0.15	43.92 2.28 -0.12	49.32 2.74 -0.13	66.65 3.83 -0.01	72.87 4.29 -0.51	69.90 3.96 0.00	56.61 3.25 0.00	49.90 2.82 0.00	42.66 2.34 0.00	40.38 2.21 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	37.66 -0.34 0.00	35.29 -0.36 -0.03	34.45 -0.35 -0.05	33.83 -0.38 -0.09	33.86 -0.38 0.00	36.80 -0.41 0.00	53.49 -0.38 0.00	67.03 -0.54 0.00	64.21 -0.93 1.33	47.35 -0.57 -0.37	44.36 -0.35 -0.37	40.33 -0.20 -0.11	40.12 -0.32 -0.10	39.47 -0.28 -0.17	39.20 -0.28 0.00	41.19 -0.33 0.00	45.98 -0.46 0.00	62.18 -0.63 0.00	67.53 -0.54 0.00	65.35 -0.59 0.00	52.82 -0.53 0.00	46.61 -0.47 0.00	39.92 -0.40 0.00	37.71 -0.46 0.00
HAMLTNNY_34_KV_TB 80303	37.73 -0.27 0.00	35.36 -0.28 -0.03	34.52 -0.28 -0.05	33.89 -0.31 -0.08	33.93 -0.31 0.00	36.87 -0.33 0.00	53.59 -0.27 0.00	67.16 -0.41 0.00	64.23 -0.80 1.43	47.44 -0.48 -0.36	44.39 -0.31 -0.36	40.47 -0.08 -0.13	40.23 -0.24 -0.13	39.62 -0.20 -0.23	39.35 -0.20 -0.07	41.33 -0.25 -0.06	46.09 -0.42 -0.06	62.24 -0.57 -0.01	67.60 -0.48 0.00	65.48 -0.46 0.00	52.88 -0.48 0.00	46.70 -0.38 0.00	39.96 -0.36 0.00	37.79 -0.38 0.00

HAMPSHIRE___PAPER_HYD 323593	38.57 0.57 0.00	36.41 0.78 -0.01	35.50 0.73 -0.02	34.76 0.61 -0.04	34.82 0.58 0.00	37.88 0.67 0.00	55.10 1.24 0.00	69.32 1.75 0.00	67.33 1.40 0.53	48.46 0.76 -0.15	45.20 0.71 -0.15	40.83 0.36 -0.05	40.87 0.49 -0.04	40.01 0.36 -0.07	39.52 0.04 0.00	41.60 0.08 0.00	46.26 -0.19 0.00	62.55 -0.25 0.00	68.14 0.07 0.00	66.07 0.13 0.00	53.46 0.11 0.00	47.60 0.52 0.00	40.60 0.28 0.00	38.29 0.11 0.00
HARDSCRABBLE_WT_PWR 323673	40.40 2.40 0.00	37.90 2.28 0.00	36.97 2.23 0.00	36.23 2.12 0.00	36.39 2.16 0.00	39.55 2.35 0.00	57.36 3.50 0.00	71.83 4.26 0.00	69.73 4.19 0.92	50.51 2.95 0.00	46.96 2.62 0.00	42.85 2.43 0.00	42.64 2.30 0.00	41.76 2.18 0.00	41.57 2.09 0.00	43.76 2.24 0.00	49.00 2.55 0.00	66.26 3.45 0.00	71.95 3.88 0.00	69.63 3.69 0.00	56.24 2.88 0.00	49.76 2.68 0.00	42.58 2.26 0.00	40.19 2.02 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	40.39 2.39 0.00	37.79 2.17 0.00	36.83 2.08 0.00	36.16 2.05 0.00	36.25 2.02 0.00	39.51 2.31 0.00	57.21 3.34 -0.01	73.16 4.80 -0.80	69.53 3.52 0.46	50.01 2.33 -0.13	46.80 2.31 -0.15	43.61 2.43 -0.76	43.57 2.14 -1.09	44.30 2.14 -2.58	44.24 2.25 -2.51	46.13 2.37 -2.25	51.48 2.83 -2.21	67.01 3.96 -0.25	83.98 4.42 -11.48	70.03 4.09 0.00	56.72 3.36 0.00	50.04 2.97 0.00	42.74 2.42 0.00	40.42 2.25 0.00
HARSNRAD_115KV_TB1 81005	36.94 -1.06 0.00	34.59 -1.03 0.00	33.88 -0.87 0.00	32.89 -1.23 0.00	33.07 -1.16 0.00	35.61 -1.60 0.00	50.69 -3.18 0.00	62.36 -5.20 0.00	57.27 -4.59 4.60	45.37 -2.19 0.00	41.73 -2.62 0.00	39.07 -1.37 -0.02	38.84 -1.53 -0.03	38.20 -1.46 -0.09	37.83 -1.74 -0.09	39.48 -2.12 -0.07	43.08 -3.44 -0.08	57.35 -5.46 -0.01	62.12 -6.33 -0.38	60.73 -5.21 0.00	49.41 -3.95 0.00	44.16 -2.92 0.00	37.78 -2.54 0.00	36.03 -2.14 0.00
HARZA MOOSE___RIVER 24016	38.65 0.65 0.00	36.48 0.85 -0.01	35.59 0.83 -0.01	34.82 0.68 -0.02	34.88 0.65 0.00	37.95 0.74 0.00	55.32 1.45 0.00	69.59 2.03 0.00	67.42 1.66 0.71	48.61 0.95 -0.10	45.25 0.80 -0.10	41.06 0.61 -0.03	40.94 0.56 -0.03	40.06 0.44 -0.05	39.64 0.16 0.00	41.73 0.21 0.00	46.63 0.19 0.00	63.24 0.44 0.00	68.96 0.88 0.00	66.73 0.79 0.00	53.94 0.59 0.00	47.88 0.80 0.00	40.80 0.48 0.00	38.48 0.31 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	37.43 -0.57 0.00	35.05 -0.57 0.00	34.19 -0.56 0.00	33.53 -0.58 0.00	33.65 -0.58 0.00	36.57 -0.63 0.00	53.11 -0.75 0.00	66.62 -0.95 0.00	59.90 -1.40 5.17	46.65 -0.90 0.00	43.68 -0.67 0.00	39.98 -0.44 0.00	39.78 -0.56 0.00	39.11 -0.47 0.00	38.97 -0.51 0.00	40.94 -0.58 0.00	45.70 -0.74 0.00	61.80 -1.00 0.00	67.05 -1.02 0.00	64.95 -0.99 0.00	52.50 -0.85 0.00	46.37 -0.71 0.00	39.67 -0.65 0.00	37.48 -0.69 0.00
HELLGATE_13_KV_LD 55870	41.01 3.00 -0.01	38.37 2.74 -0.01	37.36 2.61 -0.01	36.68 2.56 -0.01	36.74 2.50 -0.01	40.00 2.79 0.00	57.33 3.45 -0.02	74.40 4.93 -1.90	71.17 4.12 -0.59	50.85 2.95 -0.35	47.87 3.10 -0.42	44.77 3.23 -1.11	44.77 2.90 -1.52	46.00 2.93 -3.49	45.93 3.12 -3.33	47.79 3.20 -3.07	53.06 3.72 -2.90	67.97 4.84 -0.33	88.20 5.17 -14.95	70.76 4.81 -0.01	57.31 3.95 -0.01	50.57 3.48 -0.01	43.51 3.19 -0.01	41.12 2.94 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	41.01 3.00 -0.01	38.37 2.74 -0.01	37.36 2.61 -0.01	36.68 2.56 -0.01	36.74 2.50 -0.01	40.00 2.79 0.00	57.33 3.45 -0.02	74.40 4.93 -1.90	71.17 4.12 -0.59	50.85 2.95 -0.35	47.87 3.10 -0.42	44.77 3.23 -1.11	44.77 2.90 -1.52	46.00 2.93 -3.49	45.93 3.12 -3.33	47.79 3.20 -3.07	53.06 3.72 -2.90	67.97 4.84 -0.33	88.20 5.17 -14.95	70.76 4.81 -0.01	57.31 3.95 -0.01	50.57 3.48 -0.01	43.51 3.19 -0.01	41.12 2.94 -0.01
HEMPSTEAD____ 23647	40.20 2.20 0.00	37.54 1.92 0.00	36.62 1.88 0.00	35.92 1.81 0.00	36.01 1.78 0.00	39.36 2.16 0.00	53.31 2.10 2.66	61.47 3.78 9.88	59.40 2.79 9.85	47.64 2.00 1.92	44.21 2.17 2.31	42.83 2.75 0.35	42.96 2.46 -0.15	43.82 2.41 -1.82	44.68 2.61 -2.60	45.51 2.74 -1.25	52.15 3.11 -2.60	67.19 4.14 -0.24	87.56 4.56 -14.92	73.97 4.22 -3.81	56.66 3.31 0.00	49.90 2.82 0.00	42.69 2.38 0.00	40.23 2.06 0.00
HICKLING___1 23621	38.30 0.30 0.00	35.80 0.18 0.00	34.85 0.10 0.00	34.15 0.03 0.00	34.27 0.03 0.00	37.21 0.00 0.00	54.19 0.32 0.00	67.49 -0.14 -0.06	61.40 -0.86 4.20	46.89 -0.67 0.00	43.63 -0.71 0.00	40.26 -0.20 -0.04	40.00 -0.40 -0.06	39.42 -0.32 -0.15	39.24 -0.39 -0.15	41.07 -0.58 -0.13	45.51 -1.07 -0.13	61.44 -1.38 -0.01	67.56 -1.16 -0.64	65.02 -0.92 0.00	52.50 -0.85 0.00	46.46 -0.61 0.00	39.80 -0.52 0.00	37.75 -0.42 0.00
HICKLING___2 23622	38.30 0.30 0.00	35.80 0.18 0.00	34.85 0.10 0.00	34.15 0.03 0.00	34.27 0.03 0.00	37.21 0.00 0.00	54.19 0.32 0.00	67.49 -0.14 -0.06	61.40 -0.86 4.20	46.89 -0.67 0.00	43.63 -0.71 0.00	40.26 -0.20 -0.04	40.00 -0.40 -0.06	39.42 -0.32 -0.15	39.24 -0.39 -0.15	41.07 -0.58 -0.13	45.51 -1.07 -0.13	61.44 -1.38 -0.01	67.56 -1.16 -0.64	65.02 -0.92 0.00	52.50 -0.85 0.00	46.46 -0.61 0.00	39.80 -0.52 0.00	37.75 -0.42 0.00
HIGH FALLS___HY 23754	40.62 2.62 0.00	38.00 2.39 0.00	37.07 2.33 0.00	36.40 2.29 0.00	36.46 2.23 0.00	39.21 2.49 0.49	55.66 3.66 1.87	71.55 5.34 1.36	68.97 4.12 1.62	49.32 2.62 0.85	46.16 2.53 0.71	42.76 2.59 0.25	42.81 2.38 -0.09	42.17 2.37 -0.21	42.14 2.45 -0.21	44.14 2.62 0.00	48.82 3.11 0.74	64.29 4.46 2.98	69.09 5.11 4.09	70.69 4.75 0.00	57.31 3.95 0.00	50.51 3.44 0.00	43.10 2.78 0.00	40.69 2.52 0.00
HIGH_RIVER___SOLAR 323847	38.91 0.91 0.00	36.44 0.82 0.00	35.58 0.83 0.00	34.93 0.82 0.00	35.09 0.86 0.00	39.01 1.04 -0.77	58.41 1.61 -2.93	71.89 2.03 -2.29	66.86 0.60 0.20	48.55 -0.33 -1.32	44.82 -0.62 -1.10	40.16 -0.65 -0.38	39.27 -0.93 0.14	38.29 -0.95 0.34	38.44 -0.71 0.33	40.93 -0.58 0.01	47.60 -0.05 -1.20	68.49 0.88 -4.81	75.30 1.70 -5.52	70.38 1.32 -3.12	57.50 1.17 -2.97	48.92 1.08 -0.76	41.33 0.93 -0.09	39.05 0.88 0.00
HILLBURN___GT 23639	40.43 2.43 0.00	37.83 2.21 0.00	36.83 2.08 0.00	36.16 2.05 0.00	36.25 2.02 0.00	39.51 2.31 0.00	57.11 3.23 -0.01	73.07 4.66 -0.84	69.36 3.52 0.62	50.12 2.42 -0.14	46.86 2.35 -0.16	43.83 2.59 -0.82	43.81 2.30 -1.17	44.64 2.29 -2.77	44.59 2.41 -2.70	46.46 2.53 -2.41	51.74 2.93 -2.37	67.03 3.96 -0.27	84.77 4.36 -12.33	73.18 4.09 -3.15	56.72 3.36 0.00	50.09 3.02 0.00	42.82 2.50 0.00	40.50 2.33 0.00
HILLSIDE_115KV_TB1 80332	37.89 -0.11 0.00	35.40 -0.21 0.00	34.50 -0.24 0.00	33.81 -0.31 0.00	33.96 -0.27 0.00	36.80 -0.41 0.00	53.54 -0.32 0.00	66.68 -0.95 -0.06	60.72 -1.60 4.15	46.42 -1.14 -0.01	43.20 -1.15 -0.01	39.90 -0.57 -0.05	39.64 -0.77 -0.06	39.06 -0.67 -0.16	38.88 -0.75 -0.15	40.74 -0.91 -0.13	45.19 -1.39 -0.14	60.93 -1.88 -0.02	67.04 -1.70 -0.67	64.49 -1.45 0.00	52.13 -1.23 0.00	46.14 -0.94 0.00	39.51 -0.81 0.00	37.45 -0.73 0.00

HISHELDN_WT_PWR 323625	37.13 -0.87 0.00	34.73 -0.89 0.00	33.84 -0.90 0.00	33.02 -1.09 0.00	33.17 -1.06 0.00	35.65 -1.56 0.00	51.17 -2.69 0.00	62.50 -5.07 0.00	55.29 -4.72 6.46	44.99 -2.57 0.00	41.64 -2.71 0.00	39.03 -1.42 -0.02	38.72 -1.66 -0.03	37.96 -1.70 -0.08	37.59 -1.97 -0.08	38.89 -2.70 -0.07	42.84 -3.67 -0.07	57.41 -5.40 -0.01	62.64 -5.79 -0.35	60.85 -5.21 -0.12	49.09 -4.27 0.00	43.74 -3.34 0.00	37.70 -2.62 0.00	35.92 -2.25 0.00
HOLTSVILLE_IC_1 23690	40.05 2.05 0.00	37.36 1.74 0.00	36.45 1.70 0.00	35.75 1.64 0.00	35.88 1.64 0.00	39.40 2.19 0.00	49.73 1.35 5.49	50.29 2.90 20.18	49.65 1.99 18.81	45.00 1.33 3.89	41.21 1.55 4.69	41.07 2.26 1.61	41.20 1.90 1.04	41.82 1.86 -0.37	43.54 2.09 -1.97	43.39 2.20 0.33	51.34 2.55 -2.35	66.24 3.26 -0.17	86.60 3.61 -14.92	73.11 3.36 -3.81	55.97 2.61 0.00	49.57 2.49 0.00	42.45 2.14 0.00	40.19 2.02 0.00
HOLTSVILLE_IC_10 23699	40.20 2.20 0.00	37.47 1.85 0.00	36.59 1.84 0.00	35.89 1.77 0.00	36.01 1.78 0.00	39.55 2.35 0.00	49.95 1.51 5.42	50.82 3.18 19.92	50.07 2.19 18.59	45.19 1.48 3.84	41.40 1.68 4.63	41.23 2.38 1.58	41.35 2.02 1.01	41.97 1.98 -0.41	43.67 2.21 -1.98	43.59 2.37 0.29	51.54 2.74 -2.35	66.56 3.58 -0.18	86.94 3.95 -14.92	73.44 3.69 -3.81	56.23 2.88 0.00	49.90 2.82 0.00	42.65 2.34 0.00	40.38 2.21 0.00
HOLTSVILLE_IC_2 23691	40.05 2.05 0.00	37.36 1.74 0.00	36.45 1.70 0.00	35.75 1.64 0.00	35.88 1.64 0.00	39.40 2.19 0.00	49.73 1.35 5.49	50.29 2.90 20.18	49.65 1.99 18.81	45.00 1.33 3.89	41.21 1.55 4.69	41.07 2.26 1.61	41.20 1.90 1.04	41.82 1.86 -0.37	43.54 2.09 -1.97	43.39 2.20 0.33	51.34 2.55 -2.35	66.24 3.26 -0.17	86.60 3.61 -14.92	73.11 3.36 -3.81	55.97 2.61 0.00	49.57 2.49 0.00	42.45 2.14 0.00	40.19 2.02 0.00
HOLTSVILLE_IC_3 23692	40.05 2.05 0.00	37.36 1.74 0.00	36.45 1.70 0.00	35.75 1.64 0.00	35.88 1.64 0.00	39.40 2.19 0.00	49.73 1.35 5.49	50.29 2.90 20.18	49.65 1.99 18.81	45.00 1.33 3.89	41.21 1.55 4.69	41.07 2.26 1.61	41.20 1.90 1.04	41.82 1.86 -0.37	43.54 2.09 -1.97	43.39 2.20 0.33	51.34 2.55 -2.35	66.24 3.26 -0.17	86.60 3.61 -14.92	73.11 3.36 -3.81	55.97 2.61 0.00	49.57 2.49 0.00	42.45 2.14 0.00	40.19 2.02 0.00
HOLTSVILLE_IC_4 23693	40.05 2.05 0.00	37.36 1.74 0.00	36.45 1.70 0.00	35.75 1.64 0.00	35.88 1.64 0.00	39.40 2.19 0.00	49.73 1.35 5.49	50.29 2.90 20.18	49.65 1.99 18.81	45.00 1.33 3.89	41.21 1.55 4.69	41.07 2.26 1.61	41.20 1.90 1.04	41.82 1.86 -0.37	43.54 2.09 -1.97	43.39 2.20 0.33	51.34 2.55 -2.35	66.24 3.26 -0.17	86.60 3.61 -14.92	73.11 3.36 -3.81	55.97 2.61 0.00	49.57 2.49 0.00	42.45 2.14 0.00	40.19 2.02 0.00
HOLTSVILLE_IC_5 23694	40.05 2.05 0.00	37.36 1.74 0.00	36.45 1.70 0.00	35.75 1.64 0.00	35.88 1.64 0.00	39.40 2.19 0.00	49.73 1.35 5.49	50.29 2.90 20.18	49.65 1.99 18.81	45.00 1.33 3.89	41.21 1.55 4.69	41.07 2.26 1.61	41.20 1.90 1.04	41.82 1.86 -0.37	43.54 2.09 -1.97	43.39 2.20 0.33	51.34 2.55 -2.35	66.24 3.26 -0.17	86.60 3.61 -14.92	73.11 3.36 -3.81	55.97 2.61 0.00	49.57 2.49 0.00	42.45 2.14 0.00	40.19 2.02 0.00
HOLTSVILLE_IC_6 23695	40.20 2.20 0.00	37.47 1.85 0.00	36.59 1.84 0.00	35.89 1.77 0.00	36.01 1.78 0.00	39.55 2.35 0.00	49.95 1.51 5.42	50.82 3.18 19.92	50.07 2.19 18.59	45.19 1.48 3.84	41.40 1.68 4.63	41.23 2.38 1.58	41.35 2.02 1.01	41.97 1.98 -0.41	43.67 2.21 -1.98	43.59 2.37 0.29	51.54 2.74 -2.35	66.56 3.58 -0.18	86.94 3.95 -14.92	73.44 3.69 -3.81	56.23 2.88 0.00	49.90 2.82 0.00	42.65 2.34 0.00	40.38 2.21 0.00
HOLTSVILLE_IC_7 23696	40.20 2.20 0.00	37.47 1.85 0.00	36.59 1.84 0.00	35.89 1.77 0.00	36.01 1.78 0.00	39.55 2.35 0.00	49.95 1.51 5.42	50.82 3.18 19.92	50.07 2.19 18.59	45.19 1.48 3.84	41.40 1.68 4.63	41.23 2.38 1.58	41.35 2.02 1.01	41.97 1.98 -0.41	43.67 2.21 -1.98	43.59 2.37 0.29	51.54 2.74 -2.35	66.56 3.58 -0.18	86.94 3.95 -14.92	73.44 3.69 -3.81	56.23 2.88 0.00	49.90 2.82 0.00	42.65 2.34 0.00	40.38 2.21 0.00
HOLTSVILLE_IC_8 23697	40.20 2.20 0.00	37.47 1.85 0.00	36.59 1.84 0.00	35.89 1.77 0.00	36.01 1.78 0.00	39.55 2.35 0.00	49.95 1.51 5.42	50.82 3.18 19.92	50.07 2.19 18.59	45.19 1.48 3.84	41.40 1.68 4.63	41.23 2.38 1.58	41.35 2.02 1.01	41.97 1.98 -0.41	43.67 2.21 -1.98	43.59 2.37 0.29	51.54 2.74 -2.35	66.56 3.58 -0.18	86.94 3.95 -14.92	73.44 3.69 -3.81	56.23 2.88 0.00	49.90 2.82 0.00	42.65 2.34 0.00	40.38 2.21 0.00
HOLTSVILLE_IC_9 23698	40.20 2.20 0.00	37.47 1.85 0.00	36.59 1.84 0.00	35.89 1.77 0.00	36.01 1.78 0.00	39.55 2.35 0.00	49.95 1.51 5.42	50.82 3.18 19.92	50.07 2.19 18.59	45.19 1.48 3.84	41.40 1.68 4.63	41.23 2.38 1.58	41.35 2.02 1.01	41.97 1.98 -0.41	43.67 2.21 -1.98	43.59 2.37 0.29	51.54 2.74 -2.35	66.56 3.58 -0.18	86.94 3.95 -14.92	73.44 3.69 -3.81	56.23 2.88 0.00	49.90 2.82 0.00	42.65 2.34 0.00	40.38 2.21 0.00
HOMER_HL_115KV_TB2 355744	37.32 -0.68 0.00	34.94 -0.68 0.00	34.02 -0.73 0.00	33.19 -0.92 0.00	33.38 -0.86 0.00	36.09 -1.12 0.00	52.46 -1.40 0.00	64.77 -2.84 -0.04	58.64 -3.32 4.50	45.56 -2.00 0.00	41.99 -2.35 0.00	39.20 -1.25 -0.03	38.89 -1.49 -0.04	38.30 -1.39 -0.10	37.97 -1.62 -0.10	39.62 -1.99 -0.09	43.66 -2.88 -0.09	58.67 -4.15 -0.01	64.73 -3.81 -0.46	62.51 -3.43 0.00	50.53 -2.83 0.00	44.96 -2.12 0.00	38.51 -1.81 0.00	36.57 -1.60 0.00
HOWARD_WT_PWR 323690	37.96 -0.04 0.00	35.44 -0.18 0.00	34.40 -0.35 0.00	33.67 -0.44 0.00	33.75 -0.48 0.00	36.54 -0.67 0.00	53.22 -0.64 0.00	66.20 -1.42 -0.05	58.10 -2.73 5.64	45.13 -2.42 0.00	41.82 -2.53 0.00	38.60 -1.86 -0.04	38.29 -2.10 -0.05	37.77 -1.94 -0.13	37.67 -1.93 -0.13	39.18 -2.45 -0.11	43.40 -3.16 -0.11	58.67 -4.15 -0.01	64.67 -4.08 -0.67	62.19 -3.89 -0.14	49.89 -3.47 0.00	44.20 -2.87 0.00	37.98 -2.34 0.00	36.15 -2.02 0.00
HQ_GEN_CEDARS 23644	38.38 0.38 0.00	36.05 0.43 0.00	35.09 0.35 0.00	34.52 0.41 0.00	34.61 0.38 0.00	37.65 0.45 0.00	54.51 0.65 0.00	68.31 0.74 0.00	67.19 0.73 0.00	48.13 0.57 0.00	44.83 0.49 0.00	40.66 0.24 0.00	40.91 0.56 0.00	39.98 0.40 0.00	39.72 0.24 0.00	41.77 0.25 0.00	46.58 0.14 0.00	62.93 0.13 0.00	68.14 0.07 0.00	66.27 0.33 0.00	53.46 0.11 0.00	47.08 0.00 0.00	40.36 0.04 0.00	38.25 0.08 0.00
HQ_GEN_CEDARS_PROXY 323590	38.38 0.38 0.00	36.05 0.43 0.00	35.09 0.35 0.00	34.53 0.41 0.00	34.61 0.38 0.00	37.65 0.45 0.00	54.62 0.75 0.00	68.51 0.95 0.00	67.46 1.00 0.00	48.22 0.67 0.00	44.96 0.62 0.00	40.71 0.28 0.00	40.91 0.56 0.00	40.10 0.51 0.00	39.79 0.31 0.00	41.85 0.33 0.00	46.77 0.33 0.00	63.25 0.44 0.00	66.93 0.34 1.49	67.83 0.40 -1.49	53.63 0.27 0.00	47.12 0.05 0.00	40.36 0.04 0.00	38.25 0.08 0.00

HQ_GEN_IMPORT 323601	38.12 0.11 0.00	35.73 0.11 0.00	34.85 0.10 0.00	34.22 0.10 0.00	34.34 0.10 0.00	37.32 0.11 0.00	54.08 0.22 0.00	67.84 0.27 0.00	66.73 0.27 0.00	47.75 0.19 0.00	44.57 0.22 0.00	40.34 -0.08 0.00	40.50 0.16 0.00	39.74 0.16 0.00	39.56 0.08 0.00	41.60 0.08 0.00	46.54 0.09 0.00	62.93 0.13 0.00	66.65 0.07 1.49	67.56 0.13 -1.49	53.41 0.05 0.00	46.98 -0.09 0.00	40.28 -0.04 0.00	38.13 -0.04 0.00
HQ_GEN_WHEEL 23651	38.12 0.11 0.00	35.73 0.11 0.00	34.85 0.10 0.00	34.22 0.10 0.00	34.34 0.10 0.00	37.32 0.11 0.00	54.08 0.22 0.00	67.84 0.27 0.00	66.73 0.27 0.00	47.75 0.19 0.00	44.57 0.22 0.00	40.34 -0.08 0.00	40.50 0.16 0.00	39.74 0.16 0.00	39.56 0.08 0.00	41.60 0.08 0.00	46.54 0.09 0.00	62.93 0.13 0.00	66.65 0.07 1.49	67.56 0.13 -1.49	53.41 0.05 0.00	46.98 -0.09 0.00	40.28 -0.04 0.00	38.13 -0.04 0.00
HUDSON AVE_GT_3 23810	40.74 2.74 0.00	38.08 2.46 0.00	37.07 2.33 0.00	36.40 2.29 0.00	36.49 2.26 0.00	39.77 2.57 0.00	57.44 3.56 -0.02	74.56 5.20 -1.79	71.34 4.39 -0.49	50.93 3.04 -0.32	47.84 3.10 -0.39	44.75 3.23 -1.10	44.80 2.94 -1.51	45.99 2.93 -3.47	45.88 3.08 -3.32	47.77 3.20 -3.05	53.01 3.67 -2.90	67.97 4.84 -0.33	88.20 5.17 -14.95	70.82 4.88 -0.01	57.31 3.95 -0.01	50.52 3.44 -0.01	43.23 2.90 -0.01	40.84 2.67 0.00
HUDSON AVE_GT_4 23540	40.74 2.74 0.00	38.08 2.46 0.00	37.07 2.33 0.00	36.40 2.29 0.00	36.49 2.26 0.00	39.77 2.57 0.00	57.44 3.56 -0.02	74.56 5.20 -1.79	71.34 4.39 -0.49	50.93 3.04 -0.32	47.84 3.10 -0.39	44.75 3.23 -1.10	44.80 2.94 -1.51	45.99 2.93 -3.47	45.88 3.08 -3.32	47.77 3.20 -3.05	53.01 3.67 -2.90	67.97 4.84 -0.33	88.20 5.17 -14.95	70.82 4.88 -0.01	57.31 3.95 -0.01	50.52 3.44 -0.01	43.23 2.90 -0.01	40.84 2.67 0.00
HUDSON AVE_GT_5 23657	40.74 2.74 0.00	38.08 2.46 0.00	37.07 2.33 0.00	36.40 2.29 0.00	36.49 2.26 0.00	39.77 2.57 0.00	57.44 3.56 -0.02	74.56 5.20 -1.79	71.34 4.39 -0.49	50.93 3.04 -0.32	47.84 3.10 -0.39	44.75 3.23 -1.10	44.80 2.94 -1.51	45.99 2.93 -3.47	45.88 3.08 -3.32	47.77 3.20 -3.05	53.01 3.67 -2.90	67.97 4.84 -0.33	88.20 5.17 -14.95	70.82 4.88 -0.01	57.31 3.95 -0.01	50.52 3.44 -0.01	43.23 2.90 -0.01	40.84 2.67 0.00
HUDSON_AVE_10 24168	40.70 2.70 0.00	38.08 2.46 0.00	37.07 2.33 0.00	36.40 2.29 0.00	36.46 2.23 0.00	39.77 2.57 0.00	57.49 3.61 -0.02	74.79 5.34 -1.89	71.51 4.45 -0.59	51.04 3.14 -0.35	47.89 3.15 -0.40	44.79 3.27 -1.10	44.84 2.99 -1.51	46.06 3.01 -3.47	45.92 3.12 -3.32	47.85 3.28 -3.06	53.06 3.72 -2.90	68.03 4.90 -0.33	88.34 5.31 -14.95	70.89 4.95 -0.01	57.42 4.06 -0.01	50.57 3.48 -0.01	43.27 2.94 -0.01	40.84 2.67 0.00
HUDSON___115KV_TB 4 355613	38.87 0.87 0.00	36.44 0.82 0.00	35.55 0.80 0.00	34.90 0.78 0.00	35.88 1.64 0.00	37.08 2.27 2.39	48.21 3.50 9.15	64.63 4.26 7.19	65.74 3.06 3.78	45.12 1.57 4.01	42.19 1.20 3.35	39.88 1.01 1.55	40.14 -0.04 0.16	39.17 -0.04 0.37	39.36 0.24 0.36	40.75 0.42 1.19	42.63 0.84 4.65	50.38 1.63 14.06	39.58 2.11 30.61	67.59 1.65 0.00	54.58 1.23 0.00	48.11 1.04 0.00	41.21 0.89 0.00	39.12 0.95 0.00
HUNTER MOUNT___DRP 323613	38.87 0.87 0.00	36.44 0.82 0.00	35.58 0.83 0.00	34.93 0.82 0.00	35.60 1.37 0.00	36.95 2.01 2.27	48.31 3.12 8.68	64.57 3.78 6.78	65.47 2.66 3.65	45.08 1.33 3.81	42.14 0.98 3.18	39.81 0.85 1.47	39.84 -0.36 0.14	38.89 -0.36 0.33	39.08 -0.08 0.32	40.45 0.04 1.11	42.97 0.93 4.40	51.34 1.88 13.35	45.52 2.45 25.01	67.92 1.98 0.00	54.69 1.33 0.00	48.11 1.04 0.00	41.21 0.89 0.00	39.12 0.95 0.00
HUNTINGTON_RES_REC 323705	40.05 2.05 0.00	37.36 1.74 0.00	36.45 1.70 0.00	35.75 1.64 0.00	35.84 1.61 0.00	39.33 2.12 0.00	49.83 1.35 5.38	50.67 2.90 19.80	49.97 1.99 18.48	45.17 1.43 3.82	41.39 1.64 4.60	41.20 2.34 1.57	41.33 1.98 0.99	41.95 1.94 -0.43	43.60 2.13 -1.99	43.53 2.28 0.27	51.40 2.60 -2.36	66.43 3.45 -0.18	86.74 3.74 -14.92	73.18 3.43 -3.81	56.02 2.67 0.00	49.57 2.49 0.00	42.37 2.06 0.00	40.08 1.91 0.00
HUNTLEY___63 23557	37.32 -0.68 0.00	34.94 -0.68 0.00	34.05 -0.69 0.00	33.23 -0.89 0.00	33.41 -0.82 0.00	35.83 -1.38 0.00	51.17 -2.69 0.00	62.91 -4.66 0.00	57.82 -4.05 4.59	45.75 -1.81 0.00	42.04 -2.31 0.00	39.36 -1.09 -0.02	39.13 -1.25 -0.04	38.48 -1.19 -0.09	38.11 -1.46 -0.09	39.73 -1.87 -0.08	43.32 -3.20 -0.08	57.73 -5.09 -0.01	62.55 -5.92 -0.39	61.19 -4.75 0.00	49.73 -3.63 0.00	44.49 -2.59 0.00	38.10 -2.22 0.00	36.30 -1.87 0.00
HUNTLEY___64 23558	37.32 -0.68 0.00	34.94 -0.68 0.00	34.05 -0.69 0.00	33.23 -0.89 0.00	33.41 -0.82 0.00	35.83 -1.38 0.00	51.17 -2.69 0.00	62.91 -4.66 0.00	57.82 -4.05 4.59	45.75 -1.81 0.00	42.04 -2.31 0.00	39.36 -1.09 -0.02	39.13 -1.25 -0.04	38.48 -1.19 -0.09	38.11 -1.46 -0.09	39.73 -1.87 -0.08	43.32 -3.20 -0.08	57.73 -5.09 -0.01	62.55 -5.92 -0.39	61.19 -4.75 0.00	49.73 -3.63 0.00	44.49 -2.59 0.00	38.10 -2.22 0.00	36.30 -1.87 0.00
HUNTLEY___65 23559	37.32 -0.68 0.00	34.94 -0.68 0.00	34.05 -0.69 0.00	33.23 -0.89 0.00	33.41 -0.82 0.00	35.83 -1.38 0.00	51.17 -2.69 0.00	62.91 -4.66 0.00	57.82 -4.05 4.59	45.75 -1.81 0.00	42.04 -2.31 0.00	39.36 -1.09 -0.02	39.13 -1.25 -0.04	38.48 -1.19 -0.09	38.11 -1.46 -0.09	39.73 -1.87 -0.08	43.32 -3.20 -0.08	57.73 -5.09 -0.01	62.55 -5.92 -0.39	61.19 -4.75 0.00	49.73 -3.63 0.00	44.49 -2.59 0.00	38.10 -2.22 0.00	36.30 -1.87 0.00
HUNTLEY___66 23560	37.32 -0.68 0.00	34.94 -0.68 0.00	34.05 -0.69 0.00	33.23 -0.89 0.00	33.41 -0.82 0.00	35.83 -1.38 0.00	51.17 -2.69 0.00	62.91 -4.66 0.00	57.82 -4.05 4.59	45.75 -1.81 0.00	42.04 -2.31 0.00	39.36 -1.09 -0.02	39.13 -1.25 -0.04	38.48 -1.19 -0.09	38.11 -1.46 -0.09	39.73 -1.87 -0.08	43.32 -3.20 -0.08	57.73 -5.09 -0.01	62.55 -5.92 -0.39	61.19 -4.75 0.00	49.73 -3.63 0.00	44.49 -2.59 0.00	38.10 -2.22 0.00	36.30 -1.87 0.00
HUNTLEY___67 23561	37.05 -0.95 0.00	34.69 -0.93 0.00	33.84 -0.90 0.00	32.99 -1.13 0.00	33.17 -1.06 0.00	35.64 -1.56 0.00	50.90 -2.96 0.00	62.70 -4.86 0.00	57.49 -4.39 4.59	45.46 -2.09 0.00	41.82 -2.53 0.00	39.15 -1.29 -0.02	38.89 -1.49 -0.04	38.25 -1.42 -0.09	37.91 -1.66 -0.09	39.56 -2.03 -0.08	43.22 -3.30 -0.08	57.54 -5.28 -0.01	62.42 -6.06 -0.40	60.99 -4.95 0.00	49.57 -3.79 0.00	44.30 -2.78 0.00	37.94 -2.38 0.00	36.15 -2.02 0.00
HUNTLEY___68 23562	37.05 -0.95 0.00	34.69 -0.93 0.00	33.84 -0.90 0.00	32.99 -1.13 0.00	33.17 -1.06 0.00	35.64 -1.56 0.00	50.90 -2.96 0.00	62.70 -4.86 0.00	57.49 -4.39 4.59	45.46 -2.09 0.00	41.82 -2.53 0.00	39.15 -1.29 -0.02	38.89 -1.49 -0.04	38.25 -1.42 -0.09	37.91 -1.66 -0.09	39.56 -2.03 -0.08	43.22 -3.30 -0.08	57.54 -5.28 -0.01	62.42 -6.06 -0.40	60.99 -4.95 0.00	49.57 -3.79 0.00	44.30 -2.78 0.00	37.94 -2.38 0.00	36.15 -2.02 0.00

HYLAND___LFGE 323620	39.25 1.25 0.00	36.79 1.17 0.00	35.79 1.04 0.00	35.00 0.89 0.00	35.19 0.96 0.00	38.02 0.82 0.00	55.86 1.99 0.00	69.57 1.96 -0.04	61.01 0.60 6.05	47.42 -0.14 0.00	43.68 -0.66 0.00	40.17 -0.28 -0.03	39.78 -0.60 -0.04	39.45 -0.24 -0.10	39.42 -0.16 -0.10	41.48 -0.12 -0.09	46.30 -0.23 -0.09	62.94 0.13 -0.01	69.51 0.88 -0.55	66.84 0.79 -0.11	53.78 0.42 0.00	47.64 0.57 0.00	40.60 0.28 0.00	38.55 0.38 0.00
INDECK___CORINTH 23802	38.88 0.87 0.00	36.54 0.92 0.00	35.65 0.90 0.00	35.04 0.92 0.00	35.19 0.96 0.00	41.42 1.00 -3.20	67.51 1.40 -12.25	78.98 1.89 -9.52	70.47 1.06 -2.95	53.51 0.52 -5.43	49.18 0.31 -4.52	42.47 0.20 -1.84	40.00 -0.16 0.18	38.92 -0.24 0.42	39.11 0.04 0.41	42.46 0.12 -0.81	52.66 0.60 -5.61	83.28 1.19 -19.28	95.97 1.63 -26.26	80.57 1.19 -13.44	66.13 1.01 -11.76	51.00 0.89 -3.03	41.51 0.85 -0.34	39.05 0.88 0.00
INDECK___ILION 23567	39.41 1.41 0.00	36.94 1.32 0.00	36.03 1.29 0.00	35.34 1.23 0.00	35.47 1.23 0.00	38.58 1.38 0.00	55.96 2.10 0.00	70.13 2.57 0.00	68.99 2.53 0.00	49.32 1.76 0.00	45.90 1.55 0.00	41.84 1.41 0.00	41.67 1.33 0.00	40.85 1.27 0.00	40.70 1.22 0.00	42.81 1.29 0.00	47.97 1.53 0.00	64.88 2.07 0.00	70.46 2.38 0.00	68.12 2.18 0.00	55.12 1.76 0.00	48.72 1.65 0.00	41.65 1.33 0.00	39.35 1.18 0.00
INDECK___OLEAN 23982	37.32 -0.68 0.00	34.94 -0.68 0.00	33.98 -0.76 0.00	33.19 -0.92 0.00	33.38 -0.85 0.00	36.01 -1.19 0.00	52.52 -1.34 0.00	64.43 -3.17 -0.04	56.62 -3.59 6.25	45.32 -2.23 0.00	41.91 -2.44 0.00	39.24 -1.21 -0.03	38.89 -1.49 -0.04	38.25 -1.42 -0.09	37.92 -1.66 -0.09	39.48 -2.12 -0.08	43.60 -2.92 -0.08	58.48 -4.33 -0.01	64.76 -3.74 -0.43	62.37 -3.69 -0.12	50.21 -3.15 0.00	44.72 -2.35 0.00	38.47 -1.85 0.00	36.53 -1.64 0.00
INDECK___OSWEGO 23783	37.05 -0.95 0.00	34.79 -0.93 -0.10	34.03 -0.87 -0.15	33.48 -0.92 -0.28	33.34 -0.89 0.00	36.24 -0.97 0.00	52.14 -1.73 0.00	65.27 -2.30 0.00	70.24 -2.66 -6.44	46.91 -1.81 -1.16	44.02 -1.51 -1.19	39.53 -1.25 -0.36	39.31 -1.37 -0.34	38.82 -1.31 -0.54	38.14 -1.34 0.00	40.11 -1.41 0.00	44.77 -1.67 0.00	60.48 -2.32 0.00	65.63 -2.45 0.00	63.57 -2.37 0.00	51.38 -1.97 0.00	45.52 -1.55 0.00	39.27 -1.05 0.00	37.14 -1.03 0.00
INDECK___YERKES 23781	37.35 -0.65 0.00	34.98 -0.64 0.00	34.12 -0.62 0.00	33.26 -0.85 0.00	33.45 -0.79 0.00	35.83 -1.38 0.00	51.33 -2.53 0.00	62.70 -4.87 0.00	55.73 -4.26 6.48	45.42 -2.14 0.00	42.04 -2.31 0.00	39.47 -0.97 -0.02	39.20 -1.17 -0.03	38.47 -1.19 -0.08	38.10 -1.46 -0.08	39.64 -1.95 -0.07	43.35 -3.16 -0.07	57.60 -5.21 -0.01	62.51 -5.92 -0.36	61.09 -4.95 -0.10	49.41 -3.95 0.00	44.16 -2.92 0.00	38.10 -2.22 0.00	36.30 -1.87 0.00
INDIAN POINT_GT_1 24139	40.36 2.36 0.00	37.76 2.14 0.00	36.76 2.02 0.00	36.09 1.98 0.00	36.19 1.95 0.00	39.40 2.20 0.00	56.95 3.07 -0.01	73.06 4.53 -0.96	69.73 3.52 0.25	50.10 2.38 -0.16	46.98 2.44 -0.19	44.00 2.59 -0.99	44.05 2.30 -1.41	45.26 2.34 -3.34	45.19 2.45 -3.26	47.01 2.57 -2.91	52.28 2.97 -2.86	67.08 3.96 -0.32	87.26 4.29 -14.90	69.96 4.02 0.00	56.67 3.31 0.00	50.00 2.92 0.00	42.78 2.46 0.00	40.46 2.29 0.00
INDIAN POINT_GT_2 23659	40.36 2.36 0.00	37.76 2.14 0.00	36.76 2.02 0.00	36.09 1.98 0.00	36.19 1.95 0.00	39.40 2.20 0.00	56.95 3.07 -0.01	73.06 4.53 -0.96	69.73 3.52 0.25	50.10 2.38 -0.16	46.98 2.44 -0.19	44.00 2.59 -0.99	44.05 2.30 -1.41	45.26 2.34 -3.34	45.19 2.45 -3.26	47.01 2.57 -2.91	52.28 2.97 -2.86	67.08 3.96 -0.32	87.26 4.29 -14.90	69.96 4.02 0.00	56.67 3.31 0.00	50.00 2.92 0.00	42.78 2.46 0.00	40.46 2.29 0.00
INDIAN POINT_GT_3 24019	40.36 2.36 0.00	37.76 2.14 0.00	36.76 2.02 0.00	36.09 1.98 0.00	36.19 1.95 0.00	39.40 2.20 0.00	56.95 3.07 -0.01	73.06 4.53 -0.96	69.73 3.52 0.25	50.10 2.38 -0.16	46.98 2.44 -0.19	44.00 2.59 -0.99	44.05 2.30 -1.41	45.26 2.34 -3.34	45.19 2.45 -3.26	47.01 2.57 -2.91	52.28 2.97 -2.86	67.08 3.96 -0.32	87.26 4.29 -14.90	69.96 4.02 0.00	56.67 3.31 0.00	50.00 2.92 0.00	42.78 2.46 0.00	40.46 2.29 0.00
INDIAN POINT___2 23530	40.36 2.36 0.00	37.72 2.10 0.00	36.76 2.01 0.00	36.09 1.98 0.00	36.18 1.95 0.00	39.44 2.23 0.00	56.89 3.01 -0.01	72.96 4.39 -1.00	69.34 3.32 0.44	50.06 2.33 -0.17	46.85 2.30 -0.20	43.89 2.55 -0.92	43.91 2.26 -1.31	44.93 2.26 -3.09	44.86 2.37 -3.01	46.71 2.49 -2.70	51.91 2.83 -2.64	66.87 3.77 -0.30	85.96 4.15 -13.73	73.40 3.96 -3.51	56.56 3.20 0.00	50.00 2.92 0.00	42.74 2.42 0.00	40.42 2.25 0.00
INDIAN POINT___3 23531	40.32 2.32 0.00	37.72 2.10 0.00	36.73 1.98 0.00	36.06 1.94 0.00	36.15 1.92 0.00	39.36 2.16 0.00	56.95 3.07 -0.01	72.94 4.46 -0.92	69.63 3.46 0.29	50.04 2.33 -0.15	46.92 2.39 -0.18	43.92 2.51 -0.99	44.02 2.26 -1.41	45.21 2.26 -3.37	45.14 2.37 -3.29	46.98 2.53 -2.93	52.21 2.88 -2.89	67.02 3.89 -0.33	87.34 4.22 -15.04	69.90 3.96 0.00	56.62 3.25 0.00	49.95 2.87 0.00	42.70 2.38 0.00	40.42 2.25 0.00
INGHAM_C_115KV_TB7 356103	41.00 3.00 0.00	38.47 2.85 0.00	37.53 2.78 0.00	36.78 2.66 0.00	36.94 2.70 0.00	40.15 2.94 0.00	58.28 4.42 0.00	72.97 5.41 0.00	71.71 5.25 0.00	51.27 3.71 0.00	47.67 3.33 0.00	43.53 3.11 0.00	43.29 2.94 0.00	42.39 2.81 0.00	42.20 2.72 0.00	44.43 2.91 0.00	49.74 3.30 0.00	67.26 4.46 0.00	73.11 5.04 0.00	70.69 4.75 0.00	57.15 3.79 0.00	50.56 3.48 0.00	43.22 2.90 0.00	40.84 2.67 0.00
IP CORINTH___1 23988	39.10 1.10 0.00	36.76 1.14 0.00	35.89 1.15 0.00	35.21 1.09 0.00	35.36 1.13 0.00	41.64 1.23 -3.20	68.00 1.89 -12.25	79.45 2.36 -9.52	71.07 1.53 -3.08	53.80 0.81 -5.43	49.49 0.62 -4.52	42.75 0.49 -1.84	40.29 0.12 0.18	39.20 0.04 0.42	39.35 0.28 0.41	42.71 0.37 -0.81	52.98 0.98 -5.56	83.57 1.63 -19.13	96.52 2.18 -26.26	67.52 1.58 0.00	54.69 1.33 0.00	48.25 1.18 0.00	41.37 1.05 0.00	39.28 1.11 0.00
IP___TICONDEROGA 23804	40.66 2.66 0.00	38.18 2.56 0.00	37.32 2.57 0.00	36.60 2.49 0.00	36.77 2.53 0.00	43.51 2.83 -3.47	71.46 4.31 -13.29	83.30 5.41 -10.33	73.93 4.05 -3.41	55.92 2.47 -5.89	51.28 2.04 -4.90	44.13 1.70 -2.01	41.37 1.21 0.18	40.23 1.07 0.42	40.45 1.38 0.41	43.97 1.54 -0.91	55.10 2.60 -6.06	87.49 3.96 -20.73	101.70 5.04 -28.59	70.03 4.09 0.00	56.77 3.41 0.00	50.00 2.92 0.00	42.90 2.58 0.00	40.77 2.60 0.00
ISLIP_RES_REC 323679	40.36 2.36 0.00	37.61 1.99 0.00	36.73 1.98 0.00	35.99 1.88 0.00	36.12 1.88 0.00	39.70 2.49 0.00	50.17 1.67 5.37	51.19 3.38 19.75	50.41 2.39 18.44	45.32 1.57 3.81	41.53 1.78 4.59	41.33 2.47 1.56	41.49 2.14 0.99	42.11 2.10 -0.43	43.84 2.37 -1.99	43.74 2.49 0.27	51.73 2.93 -2.36	66.94 3.96 -0.18	87.35 4.36 -14.92	73.77 4.02 -3.81	56.50 3.15 0.00	50.13 3.06 0.00	42.82 2.50 0.00	40.54 2.37 0.00

JAMAICA__27_KV_LOAD 355505	40.85 2.85 0.00	38.18 2.56 0.00	37.18 2.43 0.00	36.50 2.39 0.00	36.56 2.33 0.00	39.92 2.72 0.00	57.93 4.04 -0.02	75.47 6.01 -1.89	72.17 5.12 -0.59	51.47 3.57 -0.35	48.34 3.59 -0.40	45.16 3.64 -1.10	45.16 3.31 -1.51	46.38 3.32 -3.47	46.28 3.47 -3.32	48.23 3.65 -3.06	53.52 4.18 -2.90	68.60 5.46 -0.33	88.95 5.92 -14.95	71.55 5.60 -0.01	57.90 4.54 -0.01	50.94 3.86 -0.01	43.55 3.23 -0.01	41.07 2.90 0.00
JANIS__SOLAR 323808	39.18 1.18 0.00	36.76 1.14 0.00	35.86 1.11 0.00	35.04 0.92 0.00	35.26 1.03 0.00	38.36 1.15 0.00	56.13 2.26 0.00	70.28 2.63 -0.08	63.49 1.86 4.83	48.47 0.90 -0.01	45.02 0.67 -0.01	41.17 0.69 -0.07	41.04 0.61 -0.09	40.36 0.55 -0.22	40.13 0.44 -0.22	42.25 0.54 -0.19	47.42 0.79 -0.19	64.40 1.57 -0.02	71.45 2.38 -0.99	68.36 2.17 -0.25	54.91 1.55 0.00	48.49 1.41 0.00	41.41 1.09 0.00	39.01 0.84 0.00
JARVIS____ 23743	38.23 0.23 0.00	35.83 0.22 0.00	34.99 0.24 0.00	34.32 0.21 0.00	34.44 0.21 0.00	37.43 0.22 0.00	54.24 0.38 0.00	68.04 0.48 0.00	66.01 0.47 0.92	47.84 0.29 0.00	44.52 0.18 0.00	40.63 0.20 0.00	40.46 0.12 0.00	39.70 0.12 0.00	39.60 0.12 0.00	41.64 0.12 0.00	46.63 0.19 0.00	63.12 0.32 0.00	68.42 0.34 0.00	66.27 0.33 0.00	53.63 0.27 0.00	47.36 0.28 0.00	40.52 0.20 0.00	38.36 0.19 0.00
JENNISON____1 23625	39.37 1.37 0.00	36.97 1.35 0.00	36.07 1.32 0.00	35.24 1.13 0.00	35.43 1.20 0.00	38.51 1.30 0.00	56.29 2.42 0.00	70.93 3.24 -0.12	65.96 2.46 2.96	49.14 1.57 -0.02	45.74 1.37 -0.02	41.94 1.41 -0.10	41.78 1.29 -0.15	41.12 1.19 -0.35	40.85 1.03 -0.35	42.95 1.12 -0.31	48.05 1.30 -0.30	65.04 2.20 -0.03	72.42 2.79 -1.55	68.58 2.64 0.00	55.39 2.03 0.00	48.82 1.74 0.00	41.65 1.33 0.00	39.24 1.07 0.00
JENNISON____2 23626	39.37 1.37 0.00	36.97 1.35 0.00	36.07 1.32 0.00	35.24 1.13 0.00	35.43 1.20 0.00	38.51 1.30 0.00	56.29 2.42 0.00	70.93 3.24 -0.12	65.96 2.46 2.96	49.14 1.57 -0.02	45.74 1.37 -0.02	41.94 1.41 -0.10	41.78 1.29 -0.15	41.12 1.19 -0.35	40.85 1.03 -0.35	42.95 1.12 -0.31	48.05 1.30 -0.30	65.04 2.20 -0.03	72.42 2.79 -1.55	68.58 2.64 0.00	55.39 2.03 0.00	48.82 1.74 0.00	41.65 1.33 0.00	39.24 1.07 0.00
JERICOHO_RISE_WT_PWR 323719	38.19 0.19 0.00	35.90 0.28 0.00	34.99 0.24 0.00	34.42 0.31 0.00	34.54 0.31 0.00	37.54 0.33 0.00	54.40 0.54 0.00	68.24 0.68 0.00	67.26 0.80 0.00	48.03 0.48 0.00	44.79 0.44 0.00	40.50 0.08 0.00	40.70 0.36 0.00	39.82 0.24 0.00	39.56 0.08 0.00	41.56 0.04 0.00	46.49 0.05 0.00	62.87 0.06 0.00	67.94 -0.14 0.00	65.87 -0.07 0.00	53.20 -0.16 0.00	46.70 -0.38 0.00	40.00 -0.32 0.00	37.91 -0.27 0.00
KATONAH__115KV_46KV_TB4 355592	40.39 2.39 0.00	37.83 2.21 0.00	36.83 2.08 0.00	36.20 2.08 0.00	36.29 2.05 0.00	39.48 2.27 0.00	56.99 3.12 0.00	72.48 4.66 -0.25	69.42 3.79 0.84	50.20 2.62 -0.03	46.95 2.57 -0.03	43.97 2.67 -0.88	44.05 2.42 -1.29	45.23 2.49 -3.16	45.17 2.57 -3.13	46.99 2.74 -2.73	52.32 3.11 -2.77	67.19 4.08 -0.31	86.92 4.42 -14.42	70.03 4.09 0.00	56.77 3.41 0.00	50.04 2.97 0.00	42.78 2.46 0.00	40.50 2.33 0.00
KCE_NY_1 323755	39.44 1.44 0.00	37.01 1.39 0.00	36.07 1.32 0.00	35.44 1.33 0.00	35.60 1.37 0.00	42.66 1.60 -3.85	70.76 2.16 -14.74	81.80 2.77 -11.46	72.27 2.06 -3.74	55.37 1.28 -6.53	50.84 1.06 -5.44	43.67 1.01 -2.24	40.81 0.64 0.18	39.71 0.55 0.42	39.86 0.79 0.41	43.48 0.91 -1.05	54.64 1.39 -6.80	88.09 2.14 -23.15	102.53 2.59 -31.87	84.32 2.17 -16.21	69.33 1.87 -14.11	52.41 1.69 -3.64	42.23 1.49 -0.41	39.66 1.49 0.00
KCE_NY_6_ESR 323823	37.28 -0.72 0.00	34.91 -0.71 0.00	34.02 -0.73 0.00	33.19 -0.92 0.00	33.38 -0.85 0.00	35.87 -1.34 0.00	51.60 -2.26 0.00	63.04 -4.53 0.00	55.93 -4.12 6.41	45.42 -2.14 0.00	41.99 -2.35 0.00	39.44 -1.01 -0.02	39.12 -1.25 -0.03	38.40 -1.27 -0.08	38.02 -1.54 -0.08	39.56 -2.03 -0.07	43.36 -3.16 -0.07	57.85 -4.96 -0.01	63.14 -5.31 -0.38	61.43 -4.62 -0.11	49.62 -3.74 0.00	44.30 -2.78 0.00	38.18 -2.14 0.00	36.34 -1.83 0.00
KEDC_PORT_JEFF_GT2 24210	40.13 2.13 0.00	37.40 1.78 0.00	36.52 1.77 0.00	35.82 1.71 0.00	35.91 1.68 0.00	39.48 2.27 0.00	49.82 1.40 5.44	50.52 2.97 20.01	49.86 2.06 18.67	45.13 1.43 3.86	41.34 1.64 4.65	41.13 2.30 1.59	41.30 1.98 1.02	41.92 1.94 -0.40	43.63 2.17 -1.98	43.49 2.28 0.31	51.35 2.55 -2.35	66.24 3.26 -0.17	86.40 3.40 -14.92	72.91 3.17 -3.81	55.97 2.61 0.00	49.75 2.68 0.00	42.57 2.26 0.00	40.31 2.14 0.00
KEDC_PORT_JEFF_GT3 24211	40.13 2.13 0.00	37.40 1.78 0.00	36.52 1.77 0.00	35.82 1.71 0.00	35.91 1.68 0.00	39.48 2.27 0.00	49.82 1.40 5.44	50.52 2.97 20.01	49.86 2.06 18.67	45.13 1.43 3.86	41.34 1.64 4.65	41.13 2.30 1.59	41.30 1.98 1.02	41.92 1.94 -0.40	43.63 2.17 -1.98	43.49 2.28 0.31	51.35 2.55 -2.35	66.24 3.26 -0.17	86.40 3.40 -14.92	72.91 3.17 -3.81	55.97 2.61 0.00	49.75 2.68 0.00	42.57 2.26 0.00	40.31 2.14 0.00
KEDC_GLWD_GT4 24219	40.47 2.47 0.00	37.79 2.17 0.00	36.87 2.12 0.00	36.16 2.05 0.00	36.25 2.02 0.00	39.59 2.38 0.00	54.83 2.75 1.78	64.95 4.39 7.00	62.63 3.52 7.35	48.66 2.47 1.37	45.27 2.57 1.65	43.46 3.03 -0.01	43.57 2.74 -0.49	44.50 2.69 -2.23	45.10 2.84 -2.77	46.20 2.99 -1.69	52.50 3.39 -2.67	67.59 4.52 -0.26	87.90 4.90 -14.92	74.36 4.61 -3.81	57.03 3.68 0.00	50.27 3.20 0.00	42.93 2.62 0.00	40.50 2.33 0.00
KEDC_GLWD_GT5 24220	40.47 2.47 0.00	37.79 2.17 0.00	36.87 2.12 0.00	36.16 2.05 0.00	36.25 2.02 0.00	39.59 2.38 0.00	54.83 2.75 1.78	64.95 4.39 7.00	62.63 3.52 7.35	48.66 2.47 1.37	45.27 2.57 1.65	43.46 3.03 -0.01	43.57 2.74 -0.49	44.50 2.69 -2.23	45.10 2.84 -2.77	46.20 2.99 -1.69	52.50 3.39 -2.67	67.59 4.52 -0.26	87.90 4.90 -14.92	74.36 4.61 -3.81	57.03 3.68 0.00	50.27 3.20 0.00	42.93 2.62 0.00	40.50 2.33 0.00
KENSICO____ 23655	40.39 2.39 0.00	37.79 2.17 0.00	36.83 2.08 0.00	36.16 2.05 0.00	36.25 2.02 0.00	39.48 2.27 0.00	57.06 3.18 -0.01	73.34 4.66 -1.11	70.07 3.72 0.11	50.32 2.57 -0.19	47.19 2.62 -0.23	44.15 2.71 -1.02	44.25 2.46 -1.44	45.45 2.45 -3.41	45.36 2.57 -3.32	47.23 2.74 -2.98	52.46 3.11 -2.91	67.28 4.15 -0.33	87.61 4.42 -15.11	70.10 4.15 0.00	56.78 3.41 0.00	50.09 3.01 0.00	42.82 2.50 0.00	40.50 2.33 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	40.47 2.47 0.00	37.90 2.28 0.00	36.94 2.19 0.00	36.26 2.15 0.00	36.32 2.09 0.00	39.24 2.38 0.35	56.08 3.56 1.34	71.97 5.27 0.87	69.01 3.99 1.44	49.48 2.52 0.60	46.29 2.44 0.50	42.81 2.47 0.08	42.73 2.18 -0.21	42.26 2.18 -0.50	42.26 2.29 -0.49	44.27 2.45 -0.30	49.17 2.97 0.24	65.01 4.33 2.12	71.66 4.97 1.39	70.56 4.62 0.00	57.15 3.79 0.00	50.37 3.30 0.00	42.98 2.66 0.00	40.61 2.44 0.00

KIAC_JFK_GT1 23816	40.74 2.74 0.00	38.08 2.46 0.00	37.07 2.33 0.00	36.40 2.29 0.00	36.46 2.23 0.00	39.85 2.64 0.00	57.76 3.88 -0.02	75.27 5.81 -1.89	71.97 4.92 -0.59	51.33 3.42 -0.35	48.20 3.46 -0.40	45.04 3.52 -1.10	45.08 3.23 -1.51	46.26 3.21 -3.47	46.16 3.36 -3.32	48.10 3.53 -3.06	53.38 4.04 -2.90	68.41 5.28 -0.33	88.74 5.72 -14.95	71.29 5.34 -0.01	57.69 4.32 -0.01	50.80 3.72 -0.01	43.43 3.10 -0.01	40.96 2.79 0.00
KIAC_JFK_GT2 23817	40.74 2.74 0.00	38.08 2.46 0.00	37.07 2.33 0.00	36.40 2.29 0.00	36.46 2.23 0.00	39.85 2.64 0.00	57.76 3.88 -0.02	75.27 5.81 -1.89	71.97 4.92 -0.59	51.33 3.42 -0.35	48.20 3.46 -0.40	45.04 3.52 -1.10	45.08 3.23 -1.51	46.26 3.21 -3.47	46.16 3.36 -3.32	48.10 3.53 -3.06	53.38 4.04 -2.90	68.41 5.28 -0.33	88.74 5.72 -14.95	71.29 5.34 -0.01	57.69 4.32 -0.01	50.80 3.72 -0.01	43.43 3.10 -0.01	40.96 2.79 0.00
KIAC_JFK____ 323774	40.74 2.74 0.00	38.07 2.46 0.00	37.11 2.36 0.00	36.40 2.29 0.00	36.46 2.22 0.00	39.85 2.64 0.00	57.65 3.77 -0.02	75.13 5.68 -1.89	71.65 4.79 -0.39	51.33 3.43 -0.35	48.07 3.33 -0.40	45.00 3.48 -1.10	45.08 3.23 -1.51	46.26 3.20 -3.47	46.12 3.32 -3.32	48.10 3.53 -3.05	53.24 3.90 -2.90	68.22 5.08 -0.33	88.54 5.51 -14.95	74.97 5.21 -3.82	57.58 4.21 -0.01	50.80 3.72 -0.01	43.43 3.10 -0.01	40.92 2.75 0.00
KINTIGH__24_KV_GSU 356498	37.13 -0.87 0.00	34.73 -0.89 0.00	33.88 -0.87 0.00	33.09 -1.02 0.00	33.28 -0.96 0.00	35.76 -1.45 0.00	51.28 -2.58 0.00	62.91 -4.66 0.00	55.75 -4.12 6.59	45.37 -2.19 0.00	42.22 -2.13 0.00	39.47 -0.97 -0.02	39.20 -1.17 -0.03	38.50 -1.15 -0.07	38.17 -1.38 -0.07	39.84 -1.74 -0.06	43.72 -2.79 -0.06	58.16 -4.65 -0.01	62.89 -5.51 -0.33	61.41 -4.62 -0.09	49.73 -3.63 0.00	44.34 -2.73 0.00	38.14 -2.18 0.00	36.34 -1.83 0.00
KINTIGH____ 23543	37.13 -0.87 0.00	34.73 -0.89 0.00	33.88 -0.87 0.00	33.09 -1.02 0.00	33.28 -0.96 0.00	35.79 -1.41 0.00	51.17 -2.69 0.00	63.18 -4.39 0.00	57.87 -3.92 4.67	45.70 -1.85 0.00	42.22 -2.13 0.00	39.39 -1.05 -0.02	39.16 -1.21 -0.03	38.52 -1.15 -0.08	38.22 -1.34 -0.08	39.93 -1.66 -0.07	43.73 -2.79 -0.07	58.29 -4.52 -0.01	62.98 -5.45 -0.35	61.59 -4.35 0.00	50.05 -3.31 0.00	44.68 -2.40 0.00	38.18 -2.14 0.00	36.38 -1.79 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	38.68 0.68 0.00	36.37 0.75 0.00	35.41 0.66 0.00	34.87 0.75 0.00	34.95 0.72 0.00	38.06 0.86 0.00	54.19 0.32 0.00	67.30 -0.27 0.00	66.20 -0.27 0.00	47.75 0.19 0.00	44.43 0.09 0.00	40.66 0.24 0.00	40.79 0.44 0.00	39.74 0.16 0.00	39.24 -0.24 0.00	41.15 -0.37 0.00	45.56 -0.88 0.00	61.17 -1.63 0.00	65.97 -2.11 0.00	64.09 -1.85 0.00	51.38 -1.97 0.00	45.33 -1.74 0.00	39.72 -0.60 0.00	37.67 -0.50 0.00
LACHUTE____HYDRO 323717	40.66 2.66 0.00	38.18 2.57 0.00	37.25 2.50 0.00	36.60 2.49 0.00	36.77 2.53 0.00	43.51 2.83 -3.47	71.30 4.15 -13.29	83.23 5.34 -10.33	73.73 3.99 -3.28	55.91 2.47 -5.89	51.24 2.00 -4.90	44.09 1.66 -2.01	41.33 1.17 0.18	40.19 1.03 0.42	40.41 1.34 0.41	43.92 1.49 -0.91	55.01 2.46 -6.11	87.52 3.83 -20.89	101.57 4.90 -28.59	84.62 4.09 -14.59	69.46 3.36 -12.74	53.28 2.92 -3.28	43.28 2.58 -0.37	40.80 2.63 0.00
LAWRNCV_115KV_TB1 80681	38.57 0.57 0.00	36.29 0.68 0.00	35.34 0.59 0.00	34.69 0.58 0.00	34.82 0.58 0.00	37.88 0.67 0.00	54.78 0.92 0.00	68.78 1.22 0.00	67.59 1.13 0.00	48.27 0.71 0.00	45.01 0.67 0.00	40.83 0.40 0.00	41.03 0.69 0.00	40.10 0.51 0.00	39.76 0.28 0.00	41.81 0.29 0.00	46.49 0.05 0.00	62.68 -0.13 0.00	68.01 -0.07 0.00	66.14 0.20 0.00	53.52 0.16 0.00	47.36 0.28 0.00	40.56 0.24 0.00	38.36 0.19 0.00
LEDERLE____ 23769	40.51 2.51 0.00	37.90 2.28 0.00	36.90 2.15 0.00	36.23 2.12 0.00	36.32 2.09 0.00	39.66 2.46 0.00	57.43 3.56 -0.01	73.58 5.14 -0.88	70.02 3.92 0.36	50.32 2.62 -0.14	47.18 2.66 -0.17	44.05 2.75 -0.88	44.05 2.46 -1.24	44.99 2.45 -2.96	44.97 2.61 -2.88	46.84 2.74 -2.58	52.09 3.11 -2.53	67.36 4.27 -0.29	86.02 4.70 -13.25	70.36 4.42 0.00	56.94 3.57 0.00	50.23 3.15 0.00	42.94 2.62 0.00	40.61 2.44 0.00
LIGHTHSE_115KV_TB6 355974	37.66 -0.34 0.00	35.42 -0.25 -0.05	34.58 -0.24 -0.08	33.91 -0.34 -0.14	33.93 -0.31 0.00	36.87 -0.33 0.00	53.49 -0.38 0.00	67.16 -0.41 0.00	67.62 -0.80 -1.95	47.52 -0.62 -0.58	44.44 -0.49 -0.59	40.15 -0.44 -0.18	39.98 -0.52 -0.17	39.33 -0.51 -0.27	38.85 -0.63 0.00	40.85 -0.66 0.00	45.61 -0.84 0.00	61.67 -1.13 0.00	67.19 -0.88 0.00	65.08 -0.86 0.00	52.56 -0.80 0.00	46.70 -0.38 0.00	39.92 -0.40 0.00	37.67 -0.50 0.00
LINDEN COGEN____ 23786	40.55 2.55 0.00	37.90 2.28 0.00	36.94 2.19 0.00	36.23 2.12 0.00	36.32 2.09 0.00	39.59 2.38 0.00	57.06 3.18 -0.02	74.14 4.80 -1.78	70.67 3.92 -0.29	50.69 2.81 -0.32	47.48 2.75 -0.39	44.59 3.07 -1.10	44.63 2.78 -1.51	45.78 2.73 -3.47	45.68 2.88 -3.32	47.60 3.03 -3.05	52.68 3.35 -2.89	67.53 4.39 -0.33	87.72 4.69 -14.95	74.25 4.49 -3.82	56.99 3.63 -0.01	50.28 3.20 -0.01	43.03 2.70 -0.01	40.65 2.48 0.00
LINDHRST_69_KV_BK1 356055	40.62 2.62 0.00	37.90 2.28 0.00	36.97 2.22 0.00	36.26 2.15 0.00	36.36 2.12 0.00	39.74 2.53 0.00	51.74 2.26 4.39	55.62 4.19 16.13	54.56 3.19 15.10	46.54 2.09 3.11	43.03 2.44 3.75	42.22 2.91 1.11	42.36 2.58 0.57	43.14 2.61 -0.94	44.58 2.88 -2.22	44.72 2.91 -0.29	52.33 3.44 -2.45	67.84 4.84 -0.20	88.37 5.38 -14.92	70.88 4.95 0.00	57.20 3.84 0.00	50.37 3.30 0.00	43.06 2.74 0.00	40.69 2.52 0.00
LIPA_MISC_IPP 23656	39.98 1.98 0.00	37.29 1.67 0.00	36.38 1.63 0.00	35.68 1.57 0.00	35.84 1.61 0.00	39.33 2.12 0.00	49.84 1.45 5.48	50.53 3.11 20.14	49.94 2.06 18.58	44.91 1.24 3.88	41.31 1.64 4.68	40.96 2.14 1.61	41.05 1.73 1.03	41.74 1.78 -0.38	43.47 2.01 -1.97	43.31 2.12 0.32	51.49 2.69 -2.35	66.43 3.45 -0.17	86.81 3.81 -14.92	69.43 3.49 0.00	56.13 2.77 0.00	49.61 2.54 0.00	42.45 2.14 0.00	40.23 2.06 0.00
LISF____SOLAR 323691	40.05 2.05 0.00	37.33 1.71 0.00	36.45 1.70 0.00	35.75 1.64 0.00	35.88 1.64 0.00	39.51 2.31 0.00	49.91 1.51 5.46	50.58 3.11 20.09	49.79 2.06 18.74	44.97 1.28 3.87	41.14 1.46 4.67	40.96 2.14 1.60	41.09 1.77 1.03	41.71 1.74 -0.39	43.47 2.01 -1.97	43.36 2.16 0.32	51.44 2.65 -2.35	66.43 3.45 -0.17	86.80 3.81 -14.92	73.31 3.56 -3.81	56.13 2.77 0.00	49.80 2.73 0.00	42.53 2.22 0.00	40.31 2.14 0.00
LITTLE FALLS____HYD 24013	41.00 3.00 0.00	38.47 2.85 0.00	37.53 2.78 0.00	36.78 2.66 0.00	36.94 2.70 0.00	40.15 2.94 0.00	58.28 4.42 0.00	72.97 5.41 0.00	71.71 5.25 0.00	51.27 3.71 0.00	47.67 3.33 0.00	43.53 3.11 0.00	43.29 2.94 0.00	42.39 2.81 0.00	42.20 2.72 0.00	44.43 2.91 0.00	49.74 3.30 0.00	67.26 4.46 0.00	73.11 5.04 0.00	70.69 4.75 0.00	57.15 3.79 0.00	50.56 3.48 0.00	43.22 2.90 0.00	40.84 2.67 0.00

LITTLRIV_115KV_TB1 356100	38.91 0.91 0.00	36.65 1.03 0.00	35.68 0.94 0.00	35.00 0.89 0.00	35.16 0.92 0.00	38.25 1.04 0.00	55.53 1.67 0.00	69.66 2.09 0.00	68.26 1.79 0.00	48.60 1.05 0.00	45.28 0.93 0.00	40.99 0.57 0.00	41.27 0.93 0.00	40.29 0.71 0.00	39.95 0.47 0.00	42.10 0.58 0.00	46.86 0.42 0.00	63.31 0.50 0.00	68.89 0.82 0.00	66.99 1.06 0.00	54.16 0.80 0.00	47.92 0.85 0.00	40.97 0.65 0.00	38.71 0.53 0.00
LI_NEWBRDGE___DRP 323616	40.01 2.01 0.00	37.36 1.75 0.00	36.41 1.67 0.00	35.72 1.60 0.00	35.84 1.61 0.00	39.14 1.93 0.00	49.88 1.89 5.87	49.63 3.65 21.59	49.35 2.72 19.84	45.21 1.81 4.16	41.55 2.22 5.01	41.35 2.71 1.78	41.48 2.34 1.20	42.10 2.34 -0.18	43.89 2.53 -1.89	43.59 2.62 0.55	51.82 3.07 -2.32	66.99 4.02 -0.16	87.35 4.36 -14.92	69.89 3.96 0.00	56.45 3.09 0.00	49.61 2.54 0.00	42.45 2.14 0.00	40.04 1.87 0.00
LOCKPORT_115KV_TB60_63_64 80432	36.90 -1.10 0.00	34.55 -1.07 0.00	33.88 -0.87 0.00	32.89 -1.23 0.00	33.07 -1.16 0.00	35.61 -1.60 0.00	50.69 -3.18 0.00	62.43 -5.14 0.00	57.27 -4.59 4.61	45.37 -2.19 0.00	41.73 -2.62 0.00	39.07 -1.37 -0.02	38.84 -1.53 -0.03	38.20 -1.46 -0.09	37.83 -1.74 -0.09	39.48 -2.12 -0.07	43.08 -3.44 -0.08	57.41 -5.40 -0.01	62.19 -6.26 -0.37	60.80 -5.14 0.00	49.41 -3.95 0.00	44.20 -2.87 0.00	37.82 -2.50 0.00	36.03 -2.14 0.00
LOCKPORT___CC1 323769	36.94 -1.06 0.00	34.58 -1.03 0.00	33.71 -1.04 0.00	32.89 -1.23 0.00	33.07 -1.16 0.00	35.50 -1.71 0.00	50.85 -3.02 0.00	62.10 -5.47 0.00	55.10 -4.85 6.51	44.99 -2.57 0.00	41.68 -2.66 0.00	39.15 -1.30 -0.02	38.88 -1.49 -0.03	38.15 -1.50 -0.08	37.78 -1.78 -0.07	39.38 -2.20 -0.06	43.07 -3.44 -0.07	57.22 -5.59 -0.01	62.09 -6.33 -0.34	60.56 -5.47 -0.10	48.98 -4.37 0.00	43.83 -3.25 0.00	37.74 -2.58 0.00	36.00 -2.17 0.00
LOCKPORT___CC2 323770	36.94 -1.06 0.00	34.58 -1.03 0.00	33.71 -1.04 0.00	32.89 -1.23 0.00	33.07 -1.16 0.00	35.50 -1.71 0.00	50.85 -3.02 0.00	62.10 -5.47 0.00	55.10 -4.85 6.51	44.99 -2.57 0.00	41.68 -2.66 0.00	39.15 -1.30 -0.02	38.88 -1.49 -0.03	38.15 -1.50 -0.08	37.78 -1.78 -0.07	39.38 -2.20 -0.06	43.07 -3.44 -0.07	57.22 -5.59 -0.01	62.09 -6.33 -0.34	60.56 -5.47 -0.10	48.98 -4.37 0.00	43.83 -3.25 0.00	37.74 -2.58 0.00	36.00 -2.17 0.00
LOCKPORT___CC3 323771	36.94 -1.06 0.00	34.58 -1.03 0.00	33.71 -1.04 0.00	32.89 -1.23 0.00	33.07 -1.16 0.00	35.50 -1.71 0.00	50.85 -3.02 0.00	62.10 -5.47 0.00	55.10 -4.85 6.51	44.99 -2.57 0.00	41.68 -2.66 0.00	39.15 -1.30 -0.02	38.88 -1.49 -0.03	38.15 -1.50 -0.08	37.78 -1.78 -0.07	39.38 -2.20 -0.06	43.07 -3.44 -0.07	57.22 -5.59 -0.01	62.09 -6.33 -0.34	60.56 -5.47 -0.10	48.98 -4.37 0.00	43.83 -3.25 0.00	37.74 -2.58 0.00	36.00 -2.17 0.00
LOCUSVLY_69_KV_BK2 55797	40.43 2.43 0.00	37.76 2.14 0.00	36.83 2.08 0.00	36.13 2.01 0.00	36.22 1.99 0.00	39.51 2.31 0.00	53.67 2.53 2.72	61.64 4.39 10.32	59.81 3.39 10.04	47.89 2.33 2.00	44.55 2.62 2.41	43.01 2.99 0.40	43.11 2.66 -0.10	44.04 2.69 -1.76	44.94 2.88 -2.57	45.69 2.99 -1.18	52.47 3.44 -2.59	67.63 4.58 -0.24	87.97 4.97 -14.92	70.55 4.62 0.00	56.98 3.63 0.00	50.13 3.06 0.00	42.86 2.54 0.00	40.46 2.29 0.00
LONG_LAKE_PHOENIX 24014	37.24 -0.76 0.00	34.94 -0.75 -0.07	34.13 -0.73 -0.12	33.58 -0.75 -0.21	33.51 -0.72 0.00	36.43 -0.78 0.00	52.79 -1.08 0.00	66.22 -1.35 0.00	69.52 -1.73 -4.78	47.25 -1.19 -0.88	44.31 -0.93 -0.90	39.97 -0.73 -0.27	39.79 -0.81 -0.26	39.24 -0.75 -0.41	38.69 -0.79 0.00	40.69 -0.83 0.00	45.42 -1.02 0.00	61.42 -1.38 0.00	66.65 -1.43 0.00	64.56 -1.38 0.00	52.18 -1.17 0.00	46.09 -0.99 0.00	39.51 -0.81 0.00	37.33 -0.84 0.00
LOVETT___3 23632	40.32 2.32 0.00	37.72 2.10 0.00	36.76 2.02 0.00	36.09 1.98 0.00	36.19 1.95 0.00	39.40 2.20 0.00	56.95 3.07 -0.01	72.99 4.53 -0.89	69.58 3.46 0.34	50.03 2.33 -0.15	46.92 2.39 -0.18	43.84 2.51 -0.91	43.90 2.26 -1.30	44.92 2.26 -3.09	44.86 2.37 -3.01	46.74 2.53 -2.69	52.01 2.93 -2.64	67.00 3.89 -0.30	86.03 4.22 -13.74	69.90 3.96 0.00	56.62 3.25 0.00	49.95 2.87 0.00	42.74 2.42 0.00	40.42 2.25 0.00
LOVETT___4 23642	40.32 2.32 0.00	37.72 2.10 0.00	36.76 2.02 0.00	36.09 1.98 0.00	36.19 1.95 0.00	39.40 2.20 0.00	56.95 3.07 -0.01	72.99 4.53 -0.89	69.58 3.46 0.34	50.03 2.33 -0.15	46.92 2.39 -0.18	43.84 2.51 -0.91	43.90 2.26 -1.30	44.92 2.26 -3.09	44.86 2.37 -3.01	46.74 2.53 -2.69	52.01 2.93 -2.64	67.00 3.89 -0.30	86.03 4.22 -13.74	69.90 3.96 0.00	56.62 3.25 0.00	49.95 2.87 0.00	42.74 2.42 0.00	40.42 2.25 0.00
LOVETT___5 23593	40.32 2.32 0.00	37.72 2.10 0.00	36.76 2.02 0.00	36.09 1.98 0.00	36.19 1.95 0.00	39.40 2.20 0.00	56.95 3.07 -0.01	72.99 4.53 -0.89	69.58 3.46 0.34	50.03 2.33 -0.15	46.92 2.39 -0.18	43.84 2.51 -0.91	43.90 2.26 -1.30	44.92 2.26 -3.09	44.86 2.37 -3.01	46.74 2.53 -2.69	52.01 2.93 -2.64	67.00 3.89 -0.30	86.03 4.22 -13.74	69.90 3.96 0.00	56.62 3.25 0.00	49.95 2.87 0.00	42.74 2.42 0.00	40.42 2.25 0.00
LOWER RAQUET___HYD 24057	38.65 0.65 0.00	36.37 0.75 -0.01	35.42 0.66 -0.01	34.78 0.65 -0.02	34.88 0.65 0.00	37.95 0.74 0.00	55.05 1.18 0.00	69.12 1.56 0.00	68.21 1.46 -0.29	48.50 0.86 -0.08	45.32 0.89 -0.09	40.89 0.45 -0.03	41.13 0.76 -0.02	40.25 0.63 -0.04	39.83 0.35 0.00	41.93 0.42 0.00	46.68 0.23 0.00	62.93 0.13 0.00	68.21 0.14 0.00	66.20 0.26 0.00	53.73 0.38 0.00	47.55 0.47 0.00	40.60 0.28 0.00	38.40 0.23 0.00
LOWER___HUDSON 24059	39.06 1.06 0.00	36.61 1.00 0.00	35.62 0.87 0.00	35.07 0.95 0.00	35.26 1.03 0.00	47.60 1.30 -9.09	90.30 1.67 -34.76	96.77 2.10 -27.10	78.05 1.46 -10.12	63.84 0.95 -15.33	57.96 0.84 -12.78	46.68 0.85 -5.41	40.60 0.44 0.19	39.53 0.40 0.45	39.71 0.67 0.44	45.24 0.79 -2.93	63.92 1.11 -16.37	118.79 1.82 -54.17	147.05 2.04 -76.93	102.07 1.71 -34.42	84.36 1.49 -29.51	56.05 1.37 -7.61	42.39 1.21 -0.86	39.39 1.22 0.00
LOWVILLE_115KV_TB2 356335	38.61 0.61 0.00	36.56 0.93 -0.01	35.67 0.90 -0.02	34.87 0.72 -0.04	34.85 0.62 0.00	37.91 0.71 0.00	55.26 1.40 0.00	69.59 2.03 0.00	67.68 1.53 0.31	48.52 0.81 -0.16	45.12 0.62 -0.16	40.83 0.36 -0.05	40.71 0.32 -0.04	39.85 0.20 -0.07	39.28 -0.20 0.00	41.39 -0.12 0.00	46.21 -0.23 0.00	62.68 -0.13 0.00	68.48 0.41 0.00	66.34 0.40 0.00	53.57 0.21 0.00	47.69 0.61 0.00	40.60 0.28 0.00	38.25 0.08 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	39.44 1.44 0.00	36.97 1.35 0.00	36.10 1.36 0.00	35.44 1.33 0.00	35.60 1.37 0.00	42.62 1.56 -3.85	70.87 2.26 -14.74	81.87 2.84 -11.46	72.40 2.06 -3.88	55.37 1.28 -6.53	50.89 1.11 -5.44	43.67 1.01 -2.24	40.81 0.65 0.18	39.75 0.59 0.42	39.90 0.83 0.41	43.48 0.91 -1.05	54.64 1.44 -6.75	87.99 2.20 -22.99	102.60 2.65 -31.87	68.12 2.18 0.00	55.23 1.87 0.00	48.72 1.65 0.00	41.77 1.45 0.00	39.62 1.45 0.00

LUTHERNY_35_KV_BK2 355980	39.44 1.44 0.00	37.01 1.39 0.00	36.14 1.39 0.00	35.44 1.33 0.00	35.60 1.37 0.00	42.62 1.56 -3.85	70.92 2.32 -14.74	81.94 2.91 -11.46	72.47 2.13 -3.88	55.37 1.28 -6.53	50.89 1.11 -5.44	43.71 1.05 -2.24	40.81 0.65 0.18	39.75 0.59 0.42	39.90 0.83 0.41	43.52 0.95 -1.05	54.68 1.49 -6.75	88.05 2.26 -22.99	102.67 2.72 -31.87	68.18 2.24 0.00	55.28 1.92 0.00	48.77 1.69 0.00	41.81 1.49 0.00	39.66 1.49 0.00
LWR___OSWEGATCHIE_HYD 23850	38.57 0.57 0.00	36.41 0.78 -0.01	35.50 0.73 -0.02	34.76 0.61 -0.04	34.82 0.58 0.00	37.88 0.67 0.00	55.05 1.19 0.00	69.19 1.62 0.00	68.23 1.26 -0.50	48.42 0.71 -0.15	45.11 0.62 -0.15	40.83 0.36 -0.05	40.87 0.48 -0.04	39.97 0.32 -0.07	39.48 0.00 0.00	41.56 0.04 0.00	46.16 -0.28 0.00	62.43 -0.38 0.00	68.01 -0.07 0.00	66.07 0.13 0.00	53.41 0.05 0.00	47.59 0.52 0.00	40.60 0.28 0.00	38.29 0.11 0.00
LYONS_FALL_HYD 23570	38.65 0.65 0.00	36.48 0.85 -0.01	35.59 0.83 -0.01	34.82 0.68 -0.02	34.88 0.65 0.00	37.95 0.74 0.00	55.32 1.45 0.00	69.59 2.03 0.00	66.81 1.66 1.31	48.61 0.95 -0.10	45.20 0.75 -0.10	41.02 0.57 -0.03	40.89 0.52 -0.03	40.06 0.44 -0.05	39.60 0.12 0.00	41.73 0.21 0.00	46.63 0.19 0.00	63.18 0.38 0.00	68.96 0.88 0.00	66.73 0.79 0.00	53.89 0.53 0.00	47.88 0.80 0.00	40.81 0.49 0.00	38.47 0.30 0.00
MADISON___COUNTY_LFGE 323628	38.80 0.80 0.00	36.47 0.85 0.00	35.58 0.83 0.00	34.80 0.68 0.00	34.99 0.75 0.00	38.06 0.86 0.00	55.48 1.62 0.00	69.80 2.23 0.00	65.99 1.86 2.33	48.70 1.14 0.00	45.41 1.06 0.00	41.39 0.97 0.00	41.23 0.89 0.00	40.41 0.83 0.00	40.15 0.67 0.00	42.27 0.75 0.00	47.28 0.84 0.00	64.06 1.26 0.00	69.78 1.70 0.00	67.52 1.58 0.00	54.53 1.17 0.00	48.25 1.18 0.00	41.21 0.89 0.00	38.86 0.69 0.00
MALONE___115KV_TB1 356076	38.72 0.72 0.00	36.40 0.78 0.00	35.44 0.69 0.00	34.90 0.78 0.00	34.99 0.75 0.00	38.10 0.89 0.00	55.05 1.19 0.00	69.26 1.69 0.00	68.19 1.73 0.00	48.75 1.19 0.00	45.36 1.02 0.00	41.19 0.77 0.00	41.35 1.01 0.00	40.37 0.79 0.00	40.03 0.55 0.00	42.06 0.54 0.00	46.91 0.46 0.00	63.49 0.69 0.00	68.69 0.61 0.00	66.86 0.92 0.00	53.84 0.48 0.00	47.31 0.24 0.00	40.56 0.24 0.00	38.40 0.23 0.00
MAPLEWOD_115KV_TB3 80458	38.84 0.84 0.00	36.40 0.78 0.00	35.51 0.76 0.00	34.83 0.72 0.00	34.99 0.75 0.00	33.67 0.93 4.47	38.06 1.29 17.10	55.63 1.49 13.42	61.05 0.86 6.28	40.62 0.52 7.46	38.60 0.49 6.23	38.12 0.53 2.82	40.27 0.12 0.20	39.28 0.16 0.46	39.38 0.36 0.45	39.96 0.46 2.01	38.79 0.84 8.48	37.91 1.32 26.21	29.97 1.57 39.67	67.13 1.19 0.00	54.42 1.07 0.00	48.06 0.99 0.00	41.21 0.89 0.00	39.09 0.92 0.00
MAPLE_RIDGE_WT_1 323574	37.77 -0.23 0.00	35.44 -0.18 0.00	34.54 -0.21 0.00	33.91 -0.20 0.00	34.00 -0.24 0.00	36.95 -0.26 0.00	53.43 -0.43 0.00	67.10 -0.47 0.00	65.93 -0.53 0.00	47.13 -0.43 0.00	43.77 -0.58 0.00	39.73 -0.69 0.00	39.66 -0.69 0.00	38.83 -0.75 0.00	38.69 -0.79 0.00	40.73 -0.79 0.00	45.61 -0.83 0.00	61.74 -1.07 0.00	66.92 -1.16 0.00	64.75 -1.19 0.00	52.29 -1.07 0.00	46.04 -1.04 0.00	39.39 -0.93 0.00	37.29 -0.88 0.00
MAPLE_RIDGE_WT_2 323611	37.77 -0.23 0.00	35.44 -0.18 0.00	34.54 -0.21 0.00	33.91 -0.20 0.00	34.00 -0.24 0.00	36.95 -0.26 0.00	53.43 -0.43 0.00	67.10 -0.47 0.00	65.93 -0.53 0.00	47.13 -0.43 0.00	43.77 -0.58 0.00	39.73 -0.69 0.00	39.66 -0.69 0.00	38.83 -0.75 0.00	38.69 -0.79 0.00	40.73 -0.79 0.00	45.61 -0.83 0.00	61.74 -1.07 0.00	66.92 -1.16 0.00	64.75 -1.19 0.00	52.29 -1.07 0.00	46.04 -1.04 0.00	39.39 -0.93 0.00	37.29 -0.88 0.00
MARBLE_RIVER_WT_PWR 323696	38.42 0.42 0.00	36.19 0.57 0.00	35.27 0.52 0.00	34.76 0.65 0.00	34.82 0.58 0.00	37.88 0.67 0.00	54.62 0.75 0.00	68.38 0.81 0.00	67.33 0.86 0.00	48.08 0.52 0.00	45.32 0.97 0.00	40.99 0.57 0.00	41.07 0.73 0.00	39.98 0.40 0.00	39.32 -0.16 0.00	41.14 -0.37 0.00	45.93 -0.51 0.00	61.42 -1.38 0.00	66.10 -1.98 0.00	63.90 -2.04 0.00	51.33 -2.03 0.00	44.82 -2.26 0.00	38.87 -1.45 0.00	36.91 -1.26 0.00
MARSHVLE_115KV_TB1 80742	38.15 0.15 0.00	35.76 0.14 0.00	34.92 0.17 0.00	34.29 0.17 0.00	34.44 0.21 0.00	38.25 0.37 -0.67	57.35 0.92 -2.57	70.79 1.22 -2.00	65.84 -0.33 0.29	47.67 -1.05 -1.16	43.98 -1.33 -0.96	39.35 -1.41 -0.34	38.49 -1.73 0.11	37.53 -1.78 0.27	37.72 -1.50 0.26	40.13 -1.41 -0.02	46.56 -0.93 -1.05	66.65 -0.25 -4.10	73.59 0.54 -4.97	66.01 0.07 0.00	53.57 0.21 0.00	47.31 0.24 0.00	40.48 0.16 0.00	38.29 0.11 0.00
MARSH_HILL_WT_PWR 323713	37.96 -0.04 0.00	35.44 -0.18 0.00	34.40 -0.35 0.00	33.67 -0.44 0.00	33.75 -0.48 0.00	36.54 -0.67 0.00	53.27 -0.59 0.00	66.20 -1.42 -0.05	58.08 -2.73 5.65	45.13 -2.42 0.00	41.82 -2.53 0.00	38.60 -1.86 -0.04	38.25 -2.14 -0.05	37.77 -1.94 -0.13	37.67 -1.93 -0.13	39.18 -2.45 -0.11	43.35 -3.20 -0.11	58.67 -4.15 -0.01	64.60 -4.15 -0.68	62.19 -3.89 -0.14	49.94 -3.42 0.00	44.20 -2.87 0.00	38.02 -2.30 0.00	36.18 -1.99 0.00
MCINTYRE_115KV_TB2 80467	39.03 1.03 0.00	36.72 1.10 0.00	35.72 0.97 0.00	35.07 0.96 0.00	35.23 0.99 0.00	38.36 1.15 0.00	55.70 1.83 0.00	69.86 2.30 0.00	68.39 1.93 0.00	48.65 1.09 0.00	45.23 0.89 0.00	40.91 0.49 0.00	41.23 0.89 0.00	40.29 0.71 0.00	39.99 0.51 0.00	42.10 0.58 0.00	47.00 0.56 0.00	63.68 0.88 0.00	69.30 1.23 0.00	67.46 1.52 0.00	54.43 1.07 0.00	48.07 0.99 0.00	41.09 0.77 0.00	38.82 0.65 0.00
MECO_____69_KV_BK1 80468	39.25 1.25 0.00	36.76 1.14 0.00	35.93 1.18 0.00	35.24 1.13 0.00	35.40 1.16 0.00	39.39 1.45 -0.73	59.08 2.42 -2.79	72.79 3.04 -2.18	67.73 1.40 0.13	48.91 0.10 -1.26	45.04 -0.35 -1.05	40.22 -0.57 -0.37	39.28 -0.93 0.13	38.32 -0.95 0.31	38.54 -0.63 0.31	41.15 -0.37 0.00	47.98 0.42 -1.12	68.90 1.63 -4.46	75.91 2.52 -5.31	67.85 1.91 0.00	55.01 1.65 0.00	48.58 1.51 0.00	41.57 1.25 0.00	39.39 1.22 0.00
MENANDS___115KV_TB5 355628	38.68 0.68 0.00	36.26 0.64 0.00	35.37 0.63 0.00	34.69 0.58 0.00	34.85 0.62 0.00	33.31 0.78 4.68	36.98 1.02 17.91	54.66 1.15 14.06	60.53 0.60 6.54	40.07 0.33 7.82	38.13 0.31 6.53	37.87 0.40 2.95	40.10 -0.04 0.20	39.15 0.04 0.47	39.26 0.24 0.46	39.72 0.29 2.09	38.22 0.65 8.87	36.34 1.00 27.47	27.80 1.23 41.50	66.86 0.92 0.00	54.21 0.85 0.00	47.88 0.80 0.00	41.01 0.69 0.00	38.93 0.76 0.00
MG INDUSTRY___DRP 24185	38.76 0.76 0.00	36.33 0.71 0.00	35.48 0.73 0.00	34.83 0.72 0.00	35.02 0.79 0.00	35.84 1.04 2.41	46.04 1.40 9.23	61.99 1.69 7.26	63.66 1.00 3.80	44.05 0.52 4.03	41.37 0.40 3.37	39.25 0.40 1.57	40.08 -0.08 0.18	39.12 -0.04 0.42	39.19 0.12 0.41	40.49 0.21 1.24	42.37 0.65 4.72	49.78 1.13 14.15	44.19 1.36 25.25	66.93 0.99 0.00	54.26 0.91 0.00	47.88 0.80 0.00	41.05 0.73 0.00	38.97 0.80 0.00

MID___OSWEGATCHIE_HYD 23849	38.57 0.57 0.00	36.41 0.78 -0.01	35.50 0.73 -0.02	34.76 0.61 -0.04	34.82 0.58 0.00	37.88 0.67 0.00	55.05 1.19 0.00	69.19 1.62 0.00	68.23 1.26 -0.50	48.42 0.71 -0.15	45.11 0.62 -0.15	40.83 0.36 -0.05	40.87 0.48 -0.04	39.97 0.32 -0.07	39.48 0.00 0.00	41.56 0.04 0.00	46.16 -0.28 0.00	62.43 -0.38 0.00	68.01 -0.07 0.00	66.07 0.13 0.00	53.41 0.05 0.00	47.59 0.52 0.00	40.60 0.28 0.00	38.29 0.11 0.00
MID___RAQUETTE_HYD 23851	38.65 0.65 0.00	36.37 0.75 -0.01	35.42 0.66 -0.01	34.78 0.65 -0.02	34.88 0.65 0.00	37.95 0.74 0.00	54.89 1.02 0.00	68.92 1.35 0.00	68.01 1.26 -0.29	48.40 0.76 -0.08	45.18 0.75 -0.09	40.89 0.44 -0.03	41.09 0.73 -0.02	40.17 0.55 -0.04	39.76 0.28 0.00	41.85 0.33 0.00	46.49 0.05 0.00	62.61 -0.19 0.00	68.01 -0.07 0.00	66.14 0.20 0.00	53.57 0.21 0.00	47.45 0.38 0.00	40.60 0.28 0.00	38.40 0.23 0.00
MILLIKEN___1 23584	38.46 0.46 0.00	36.05 0.43 -0.01	35.14 0.38 -0.01	34.45 0.31 -0.02	34.58 0.34 0.00	37.58 0.37 0.00	54.78 0.92 0.00	68.63 1.01 -0.05	63.46 0.53 3.54	47.91 0.24 -0.11	44.67 0.22 -0.11	40.89 0.40 -0.07	40.67 0.24 -0.08	40.04 0.28 -0.18	39.85 0.24 -0.13	41.88 0.25 -0.11	46.79 0.23 -0.12	63.32 0.50 -0.01	69.52 0.88 -0.56	66.80 0.86 0.00	53.89 0.53 0.00	47.55 0.47 0.00	40.68 0.36 0.00	38.44 0.27 0.00
MILLIKEN___2 23585	38.46 0.46 0.00	36.05 0.43 -0.01	35.14 0.38 -0.01	34.45 0.31 -0.02	34.58 0.34 0.00	37.58 0.37 0.00	54.78 0.92 0.00	68.63 1.01 -0.05	63.46 0.53 3.54	47.91 0.24 -0.11	44.67 0.22 -0.11	40.89 0.40 -0.07	40.67 0.24 -0.08	40.04 0.28 -0.18	39.85 0.24 -0.13	41.88 0.25 -0.11	46.79 0.23 -0.12	63.32 0.50 -0.01	69.52 0.88 -0.56	66.80 0.86 0.00	53.89 0.53 0.00	47.55 0.47 0.00	40.68 0.36 0.00	38.44 0.27 0.00
MILLIKEN___DIESEL 23629	38.46 0.46 0.00	36.05 0.43 -0.01	35.14 0.38 -0.01	34.45 0.31 -0.02	34.58 0.34 0.00	37.58 0.37 0.00	54.78 0.92 0.00	68.63 1.01 -0.05	63.46 0.53 3.54	47.91 0.24 -0.11	44.67 0.22 -0.11	40.89 0.40 -0.07	40.67 0.24 -0.08	40.04 0.28 -0.18	39.85 0.24 -0.13	41.88 0.25 -0.11	46.79 0.23 -0.12	63.32 0.50 -0.01	69.52 0.88 -0.56	66.80 0.86 0.00	53.89 0.53 0.00	47.55 0.47 0.00	40.68 0.36 0.00	38.44 0.27 0.00
MILLSEAT___LFGE 323607	37.47 -0.53 0.00	35.12 -0.50 0.00	34.26 -0.49 0.00	33.43 -0.68 0.00	33.62 -0.62 0.00	36.09 -1.12 0.00	52.03 -1.83 0.00	63.98 -3.58 0.00	56.67 -3.26 6.54	45.99 -1.57 0.00	42.70 -1.64 0.00	39.96 -0.48 -0.02	39.68 -0.69 -0.03	38.98 -0.67 -0.07	38.60 -0.95 -0.07	40.29 -1.29 -0.06	44.23 -2.27 -0.06	58.98 -3.83 -0.01	64.05 -4.36 -0.33	62.28 -3.76 -0.09	50.32 -3.04 0.00	44.91 -2.16 0.00	38.55 -1.77 0.00	36.72 -1.45 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	40.36 2.36 0.00	37.72 2.10 0.00	36.76 2.02 0.00	36.09 1.98 0.00	36.19 1.95 0.00	39.40 2.20 0.00	56.95 3.07 -0.01	73.04 4.53 -0.95	69.73 3.52 0.26	50.14 2.43 -0.16	46.98 2.44 -0.19	44.02 2.59 -1.01	44.08 2.30 -1.44	45.34 2.34 -3.42	45.27 2.45 -3.34	47.07 2.57 -2.98	52.35 2.97 -2.93	67.09 3.96 -0.33	87.63 4.29 -15.27	69.96 4.02 0.00	56.67 3.31 0.00	50.00 2.92 0.00	42.74 2.42 0.00	40.46 2.29 0.00
MILLWOOD_13_KV_LOAD 356217	40.43 2.43 0.00	37.83 2.21 0.00	36.83 2.08 0.00	36.16 2.05 0.00	36.25 2.02 0.00	39.48 2.27 0.00	57.05 3.18 -0.01	73.18 4.66 -0.95	69.92 3.72 0.26	50.24 2.52 -0.16	47.06 2.53 -0.19	44.10 2.67 -1.01	44.20 2.42 -1.44	45.46 2.45 -3.42	45.35 2.53 -3.34	47.20 2.70 -2.98	52.44 3.07 -2.93	67.22 4.08 -0.33	87.77 4.42 -15.27	70.10 4.15 0.00	56.78 3.41 0.00	50.04 2.97 0.00	42.82 2.50 0.00	40.54 2.37 0.00
MODEL_CITY_ENERGY 24167	36.60 -1.41 0.00	34.23 -1.39 0.00	33.39 -1.36 0.00	32.58 -1.53 0.00	32.76 -1.47 0.00	35.16 -2.05 0.00	50.31 -3.56 0.00	61.42 -6.15 0.00	54.52 -5.45 6.50	44.56 -2.99 0.00	41.33 -3.02 0.00	38.78 -1.66 -0.02	38.52 -1.86 -0.03	37.80 -1.86 -0.08	37.42 -2.13 -0.08	39.01 -2.57 -0.07	42.66 -3.85 -0.07	56.59 -6.22 -0.01	61.41 -7.01 -0.35	59.97 -6.07 -0.10	48.50 -4.86 0.00	43.40 -3.67 0.00	37.38 -2.94 0.00	35.65 -2.52 0.00
MODERN_LFGE___ 323580	36.60 -1.41 0.00	34.23 -1.39 0.00	33.39 -1.36 0.00	32.58 -1.53 0.00	32.76 -1.47 0.00	35.16 -2.05 0.00	50.31 -3.56 0.00	61.42 -6.15 0.00	54.52 -5.45 6.50	44.56 -2.99 0.00	41.33 -3.02 0.00	38.78 -1.66 -0.02	38.52 -1.86 -0.03	37.80 -1.86 -0.08	37.42 -2.13 -0.08	39.01 -2.57 -0.07	42.66 -3.85 -0.07	56.59 -6.22 -0.01	61.41 -7.01 -0.35	59.97 -6.07 -0.10	48.50 -4.86 0.00	43.40 -3.67 0.00	37.38 -2.94 0.00	35.65 -2.52 0.00
MOHAWK_PAPER___DRP 24187	38.84 0.84 0.00	36.40 0.78 0.00	35.51 0.76 0.00	34.83 0.72 0.00	34.99 0.75 0.00	33.67 0.93 4.47	38.06 1.29 17.10	55.63 1.49 13.42	61.05 0.86 6.28	40.62 0.52 7.46	38.60 0.49 6.23	38.12 0.53 2.82	40.27 0.12 0.20	39.28 0.16 0.46	39.38 0.36 0.45	39.96 0.46 2.01	38.79 0.84 8.48	37.91 1.32 26.21	29.97 1.57 39.67	67.13 1.19 0.00	54.42 1.07 0.00	48.06 0.99 0.00	41.21 0.89 0.00	39.09 0.92 0.00
MOHICAN___35_KV_115KV_LD 80490	39.41 1.41 0.00	37.01 1.39 0.00	36.14 1.39 0.00	35.44 1.33 0.00	35.64 1.40 0.00	42.40 1.56 -3.63	70.07 2.32 -13.89	81.34 2.97 -10.80	72.13 2.06 -3.60	54.85 1.14 -6.15	50.40 0.93 -5.12	43.33 0.81 -2.10	40.57 0.40 0.18	39.48 0.32 0.42	39.66 0.59 0.41	43.15 0.66 -0.97	54.14 1.35 -6.35	86.61 2.14 -21.67	100.75 2.72 -29.95	68.05 2.11 0.00	55.12 1.76 0.00	48.63 1.55 0.00	41.69 1.37 0.00	39.58 1.41 0.00
MONGAUP___HYD 23641	40.32 2.32 0.00	37.76 2.14 0.00	36.83 2.08 0.00	36.13 2.01 0.00	36.22 1.98 0.00	39.48 2.27 0.00	57.21 3.34 -0.01	72.83 4.53 -0.74	68.77 3.06 0.75	49.58 1.90 -0.11	46.21 1.73 -0.14	43.02 1.90 -0.70	42.95 1.62 -0.99	43.55 1.62 -2.35	43.50 1.74 -2.29	45.43 1.87 -2.04	50.77 2.32 -2.01	66.54 3.51 -0.23	82.68 4.15 -10.45	72.50 3.89 -2.67	56.56 3.20 0.00	49.90 2.82 0.00	42.62 2.30 0.00	40.27 2.10 0.00
MONTAUK___DIESEL 23721	39.56 1.56 0.00	36.86 1.25 0.00	36.03 1.29 0.00	35.51 1.40 0.00	35.84 1.61 0.00	39.36 2.16 0.00	49.42 1.02 5.47	49.67 2.23 20.13	49.09 1.20 18.57	44.39 0.71 3.88	40.82 1.15 4.67	40.31 1.50 1.61	40.28 0.97 1.03	40.99 1.03 -0.38	42.84 1.38 -1.97	42.65 1.45 0.32	50.93 2.14 -2.35	65.62 2.64 -0.17	85.99 3.00 -14.92	68.64 2.70 0.00	55.43 2.08 0.00	49.00 1.93 0.00	41.73 1.41 0.00	39.89 1.72 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	37.47 -0.53 0.00	35.19 -0.43 0.00	34.09 -0.66 0.00	33.16 -0.96 0.00	33.21 -1.03 0.00	35.72 -1.49 0.00	51.55 -2.32 0.00	63.65 -3.92 0.00	57.74 -4.19 4.53	45.13 -2.43 0.00	41.28 -3.06 0.00	38.43 -2.02 -0.03	38.16 -2.22 -0.04	37.50 -2.18 -0.10	37.21 -2.37 -0.10	38.70 -2.91 -0.09	42.54 -3.99 -0.09	57.04 -5.78 -0.01	62.32 -6.19 -0.44	60.80 -5.14 0.00	49.14 -4.22 0.00	43.83 -3.25 0.00	37.58 -2.74 0.00	35.77 -2.40 0.00

MORRIS_RIDGE___SOLAR 323848	37.96 -0.04 0.00	35.44 -0.18 0.00	34.43 -0.31 0.00	33.71 -0.41 0.00	33.75 -0.48 0.00	36.54 -0.67 0.00	53.16 -0.70 0.00	66.14 -1.49 -0.05	57.99 -2.86 5.62	4.48 -2.62 40.46	4.40 -2.62 37.33	1.32 -1.90 37.20	1.32 -2.14 36.88	1.28 -1.98 36.33	1.32 -2.01 36.15	39.22 -2.41 -0.11	43.45 -3.11 -0.12	58.61 -4.21 -0.01	64.06 -4.36 -0.34	62.12 -3.95 -0.13	50.05 -3.31 0.00	44.44 -2.64 0.00	38.27 -2.05 0.00	36.38 -1.79 0.00
MORTIMER_115KV_TB3 55949	37.58 -0.42 0.00	35.23 -0.39 0.00	34.33 -0.42 0.00	33.60 -0.51 0.00	33.79 -0.45 0.00	36.50 -0.71 0.00	52.79 -1.08 0.00	65.88 -1.69 0.00	59.99 -1.79 4.67	46.89 -0.67 0.00	43.72 -0.62 0.00	40.36 -0.08 -0.02	40.17 -0.20 -0.03	39.57 -0.08 -0.07	39.27 -0.28 -0.07	41.17 -0.42 -0.06	45.53 -0.98 -0.06	61.18 -1.63 -0.01	66.03 -2.04 0.00	64.16 -1.78 0.00	51.97 -1.39 0.00	46.14 -0.94 0.00	39.31 -1.01 0.00	37.33 -0.84 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	40.62 2.62 0.00	37.97 2.35 0.00	37.01 2.26 0.00	36.33 2.22 0.00	36.39 2.16 0.00	39.66 2.46 0.00	57.23 3.34 -0.02	74.51 4.93 -2.01	71.20 4.05 -0.68	50.73 2.81 -0.37	47.67 2.88 -0.44	44.54 2.99 -1.13	44.58 2.70 -1.54	45.82 2.73 -3.51	45.66 2.84 -3.34	47.59 2.99 -3.09	52.78 3.44 -2.90	67.66 4.52 -0.33	87.85 4.83 -14.94	70.50 4.55 -0.01	57.10 3.74 -0.01	50.33 3.25 -0.01	43.07 2.74 -0.01	40.73 2.56 0.00
MUNSVILLE_WIND_PWR 323609	40.01 2.01 0.00	37.65 2.03 0.00	36.76 2.01 0.00	35.79 1.67 0.00	36.05 1.81 0.00	39.21 2.01 0.00	57.58 3.71 0.00	72.54 4.87 -0.10	66.21 4.05 4.31	50.04 2.47 -0.01	46.49 2.13 -0.02	42.53 2.02 -0.08	42.44 1.98 -0.12	41.65 1.78 -0.29	41.22 1.46 -0.28	43.39 1.62 -0.25	48.59 1.90 -0.24	65.97 3.14 -0.03	73.57 4.22 -1.27	70.09 3.82 -0.32	56.18 2.83 0.00	49.66 2.59 0.00	42.26 1.94 0.00	39.70 1.53 0.00
N SALMON___HYD 24042	38.72 0.72 0.00	36.40 0.78 0.00	35.44 0.69 0.00	34.90 0.79 0.00	34.99 0.75 0.00	38.10 0.89 0.00	55.37 1.51 0.00	69.53 1.96 0.00	68.46 1.99 0.00	48.84 1.28 0.00	45.54 1.20 0.00	41.23 0.81 0.00	41.39 1.05 0.00	40.49 0.91 0.00	40.11 0.63 0.00	42.18 0.66 0.00	47.18 0.74 0.00	63.81 1.00 0.00	68.96 0.88 0.00	66.93 0.99 0.00	54.05 0.69 0.00	47.41 0.33 0.00	40.56 0.24 0.00	38.40 0.23 0.00
N.AKRON__115KV_KNAPP 355671	37.43 -0.57 0.00	35.08 -0.53 0.00	34.36 -0.38 0.00	33.36 -0.75 0.00	33.58 -0.65 0.00	36.13 -1.08 0.00	51.82 -2.05 0.00	64.05 -3.51 0.00	58.66 -3.19 4.62	46.23 -1.33 0.00	42.61 -1.73 0.00	39.76 -0.69 -0.02	39.57 -0.81 -0.03	38.95 -0.71 -0.08	38.54 -1.03 -0.08	40.26 -1.33 -0.07	44.10 -2.42 -0.07	58.92 -3.89 -0.01	63.88 -4.56 -0.36	62.25 -3.69 0.00	50.53 -2.83 0.00	45.10 -1.98 0.00	38.51 -1.81 0.00	36.68 -1.49 0.00
N.E_GEN_SANDY PD 24062	39.06 1.06 0.00	36.61 1.00 0.00	35.51 0.76 0.00	35.00 0.89 0.00	35.26 1.03 0.00	42.00 1.19 -3.60	69.10 1.45 -13.78	79.95 1.69 -10.70	71.29 1.20 -3.63	54.79 0.81 -6.42	50.40 0.71 -5.35	43.40 0.81 -2.17	40.44 0.32 0.23	39.36 0.32 0.54	39.55 0.59 0.52	43.19 0.75 -0.93	54.00 0.98 -6.58	87.23 1.70 -22.73	99.20 1.84 -29.29	84.44 1.84 -16.66	82.80 1.60 -27.84	52.02 1.51 -3.44	42.00 1.29 -0.39	40.00 1.34 -0.49
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	40.39 2.39 0.00	37.79 2.17 0.00	36.80 2.05 0.00	36.13 2.01 0.00	36.22 1.99 0.00	39.48 2.27 0.00	57.11 3.23 -0.01	73.18 4.73 -0.88	69.70 3.59 0.35	50.08 2.38 -0.14	46.96 2.44 -0.17	43.90 2.59 -0.89	43.91 2.30 -1.27	44.89 2.30 -3.01	44.83 2.41 -2.94	46.72 2.57 -2.62	51.99 2.97 -2.58	67.11 4.02 -0.29	85.86 4.36 -13.43	70.03 4.09 0.00	56.72 3.36 0.00	50.04 2.97 0.00	42.78 2.46 0.00	40.46 2.29 0.00
N.QUEENS_27_KV_LOAD 356247	40.97 2.96 -0.01	38.37 2.74 -0.01	37.33 2.57 -0.01	36.65 2.52 -0.01	36.74 2.50 -0.01	39.92 2.72 0.00	57.12 3.23 -0.02	74.26 4.80 -1.90	71.10 4.05 -0.58	50.75 2.85 -0.34	47.77 3.02 -0.41	44.68 3.15 -1.10	44.72 2.86 -1.52	45.92 2.85 -3.48	45.84 3.04 -3.32	47.74 3.16 -3.06	52.92 3.58 -2.90	67.85 4.71 -0.33	87.92 4.90 -14.95	70.50 4.55 -0.01	57.10 3.74 -0.01	50.28 3.20 -0.01	43.39 3.06 -0.01	41.00 2.82 -0.01
N.TROY___115KV_TB1 355778	39.06 1.06 0.00	36.62 1.00 0.00	35.75 1.01 0.00	35.07 0.96 0.00	35.26 1.03 0.00	47.60 1.30 -9.09	90.40 1.78 -34.76	96.83 2.16 -27.10	78.25 1.53 -10.26	63.84 0.95 -15.33	58.01 0.89 -12.78	46.72 0.89 -5.41	40.60 0.44 0.19	39.61 0.47 0.45	39.75 0.71 0.44	45.28 0.83 -2.93	64.00 1.25 -16.31	118.65 1.88 -53.96	147.26 2.25 -76.93	67.72 1.78 0.00	54.91 1.55 0.00	48.44 1.37 0.00	41.53 1.21 0.00	39.39 1.22 0.00
NARROWS_GT1_1 24228	41.01 3.00 -0.01	38.33 2.71 -0.01	37.33 2.57 -0.01	36.61 2.49 -0.01	36.71 2.47 -0.01	39.96 2.75 0.00	56.96 3.07 -0.02	73.41 4.05 -1.79	70.08 3.32 -0.29	50.31 2.42 -0.33	47.22 2.48 -0.40	44.28 2.75 -1.10	44.36 2.50 -1.52	45.52 2.45 -3.48	45.34 2.53 -3.33	47.32 2.74 -3.06	52.68 3.35 -2.90	67.53 4.39 -0.33	87.79 4.76 -14.95	74.25 4.49 -3.82	56.99 3.63 -0.01	50.33 3.25 -0.01	43.35 3.03 -0.01	41.12 2.94 -0.01
NARROWS_GT1_2 24229	41.01 3.00 -0.01	38.33 2.71 -0.01	37.33 2.57 -0.01	36.61 2.49 -0.01	36.71 2.47 -0.01	39.96 2.75 0.00	56.96 3.07 -0.02	73.41 4.05 -1.79	70.08 3.32 -0.29	50.31 2.42 -0.33	47.22 2.48 -0.40	44.28 2.75 -1.10	44.36 2.50 -1.52	45.52 2.45 -3.48	45.34 2.53 -3.33	47.32 2.74 -3.06	52.68 3.35 -2.90	67.53 4.39 -0.33	87.79 4.76 -14.95	74.25 4.49 -3.82	56.99 3.63 -0.01	50.33 3.25 -0.01	43.35 3.03 -0.01	41.12 2.94 -0.01
NARROWS_GT1_3 24230	41.01 3.00 -0.01	38.33 2.71 -0.01	37.33 2.57 -0.01	36.61 2.49 -0.01	36.71 2.47 -0.01	39.96 2.75 0.00	56.96 3.07 -0.02	73.41 4.05 -1.79	70.08 3.32 -0.29	50.31 2.42 -0.33	47.22 2.48 -0.40	44.28 2.75 -1.10	44.36 2.50 -1.52	45.52 2.45 -3.48	45.34 2.53 -3.33	47.32 2.74 -3.06	52.68 3.35 -2.90	67.53 4.39 -0.33	87.79 4.76 -14.95	74.25 4.49 -3.82	56.99 3.63 -0.01	50.33 3.25 -0.01	43.35 3.03 -0.01	41.12 2.94 -0.01
NARROWS_GT1_4 24231	41.01 3.00 -0.01	38.33 2.71 -0.01	37.33 2.57 -0.01	36.61 2.49 -0.01	36.71 2.47 -0.01	39.96 2.75 0.00	56.96 3.07 -0.02	73.41 4.05 -1.79	70.08 3.32 -0.29	50.31 2.42 -0.33	47.22 2.48 -0.40	44.28 2.75 -1.10	44.36 2.50 -1.52	45.52 2.45 -3.48	45.34 2.53 -3.33	47.32 2.74 -3.06	52.68 3.35 -2.90	67.53 4.39 -0.33	87.79 4.76 -14.95	74.25 4.49 -3.82	56.99 3.63 -0.01	50.33 3.25 -0.01	43.35 3.03 -0.01	41.12 2.94 -0.01
NARROWS_GT1_5 24232	41.01 3.00 -0.01	38.33 2.71 -0.01	37.33 2.57 -0.01	36.61 2.49 -0.01	36.71 2.47 -0.01	39.96 2.75 0.00	56.96 3.07 -0.02	73.41 4.05 -1.79	70.08 3.32 -0.29	50.31 2.42 -0.33	47.22 2.48 -0.40	44.28 2.75 -1.10	44.36 2.50 -1.52	45.52 2.45 -3.48	45.34 2.53 -3.33	47.32 2.74 -3.06	52.68 3.35 -2.90	67.53 4.39 -0.33	87.79 4.76 -14.95	74.25 4.49 -3.82	56.99 3.63 -0.01	50.33 3.25 -0.01	43.35 3.03 -0.01	41.12 2.94 -0.01

NARROWS_GT1_6 24233	41.01 3.00 -0.01	38.33 2.71 -0.01	37.33 2.57 -0.01	36.61 2.49 -0.01	36.71 2.47 -0.01	39.96 2.75 0.00	56.96 3.07 -0.02	73.41 4.05 -1.79	70.08 3.32 -0.29	50.31 2.42 -0.33	47.22 2.48 -0.40	44.28 2.75 -1.10	44.36 2.50 -1.52	45.52 2.45 -3.48	45.34 2.53 -3.33	47.32 2.74 -3.06	52.68 3.35 -2.90	67.53 4.39 -0.33	87.79 4.76 -14.95	74.25 4.49 -3.82	56.99 3.63 -0.01	50.33 3.25 -0.01	43.35 3.03 -0.01	41.12 2.94 -0.01
NARROWS_GT1_7 24234	41.01 3.00 -0.01	38.33 2.71 -0.01	37.33 2.57 -0.01	36.61 2.49 -0.01	36.71 2.47 -0.01	39.96 2.75 0.00	56.96 3.07 -0.02	73.41 4.05 -1.79	70.08 3.32 -0.29	50.31 2.42 -0.33	47.22 2.48 -0.40	44.28 2.75 -1.10	44.36 2.50 -1.52	45.52 2.45 -3.48	45.34 2.53 -3.33	47.32 2.74 -3.06	52.68 3.35 -2.90	67.53 4.39 -0.33	87.79 4.76 -14.95	74.25 4.49 -3.82	56.99 3.63 -0.01	50.33 3.25 -0.01	43.35 3.03 -0.01	41.12 2.94 -0.01
NARROWS_GT1_8 24235	41.01 3.00 -0.01	38.33 2.71 -0.01	37.33 2.57 -0.01	36.61 2.49 -0.01	36.71 2.47 -0.01	39.96 2.75 0.00	56.96 3.07 -0.02	73.41 4.05 -1.79	70.08 3.32 -0.29	50.31 2.42 -0.33	47.22 2.48 -0.40	44.28 2.75 -1.10	44.36 2.50 -1.52	45.52 2.45 -3.48	45.34 2.53 -3.33	47.32 2.74 -3.06	52.68 3.35 -2.90	67.53 4.39 -0.33	87.79 4.76 -14.95	74.25 4.49 -3.82	56.99 3.63 -0.01	50.33 3.25 -0.01	43.35 3.03 -0.01	41.12 2.94 -0.01
NARROWS_GT2_1 24236	41.01 3.00 -0.01	38.33 2.71 -0.01	37.33 2.57 -0.01	36.61 2.49 -0.01	36.71 2.47 -0.01	39.96 2.75 0.00	56.96 3.07 -0.02	73.41 4.05 -1.79	70.08 3.32 -0.29	50.31 2.42 -0.33	47.22 2.48 -0.40	44.28 2.75 -1.10	44.36 2.50 -1.52	45.52 2.45 -3.48	45.34 2.53 -3.33	47.32 2.74 -3.06	52.68 3.35 -2.90	67.53 4.39 -0.33	87.79 4.76 -14.95	74.25 4.49 -3.82	56.99 3.63 -0.01	50.33 3.25 -0.01	43.35 3.03 -0.01	41.12 2.94 -0.01
NARROWS_GT2_2 24237	41.01 3.00 -0.01	38.33 2.71 -0.01	37.33 2.57 -0.01	36.61 2.49 -0.01	36.71 2.47 -0.01	39.96 2.75 0.00	56.96 3.07 -0.02	73.41 4.05 -1.79	70.08 3.32 -0.29	50.31 2.42 -0.33	47.22 2.48 -0.40	44.28 2.75 -1.10	44.36 2.50 -1.52	45.52 2.45 -3.48	45.34 2.53 -3.33	47.32 2.74 -3.06	52.68 3.35 -2.90	67.53 4.39 -0.33	87.79 4.76 -14.95	74.25 4.49 -3.82	56.99 3.63 -0.01	50.33 3.25 -0.01	43.35 3.03 -0.01	41.12 2.94 -0.01
NARROWS_GT2_3 24238	41.01 3.00 -0.01	38.33 2.71 -0.01	37.33 2.57 -0.01	36.61 2.49 -0.01	36.71 2.47 -0.01	39.96 2.75 0.00	56.96 3.07 -0.02	73.41 4.05 -1.79	70.08 3.32 -0.29	50.31 2.42 -0.33	47.22 2.48 -0.40	44.28 2.75 -1.10	44.36 2.50 -1.52	45.52 2.45 -3.48	45.34 2.53 -3.33	47.32 2.74 -3.06	52.68 3.35 -2.90	67.53 4.39 -0.33	87.79 4.76 -14.95	74.25 4.49 -3.82	56.99 3.63 -0.01	50.33 3.25 -0.01	43.35 3.03 -0.01	41.12 2.94 -0.01
NARROWS_GT2_4 24239	41.01 3.00 -0.01	38.33 2.71 -0.01	37.33 2.57 -0.01	36.61 2.49 -0.01	36.71 2.47 -0.01	39.96 2.75 0.00	56.96 3.07 -0.02	73.41 4.05 -1.79	70.08 3.32 -0.29	50.31 2.42 -0.33	47.22 2.48 -0.40	44.28 2.75 -1.10	44.36 2.50 -1.52	45.52 2.45 -3.48	45.34 2.53 -3.33	47.32 2.74 -3.06	52.68 3.35 -2.90	67.53 4.39 -0.33	87.79 4.76 -14.95	74.25 4.49 -3.82	56.99 3.63 -0.01	50.33 3.25 -0.01	43.35 3.03 -0.01	41.12 2.94 -0.01
NARROWS_GT2_5 24240	41.01 3.00 -0.01	38.33 2.71 -0.01	37.33 2.57 -0.01	36.61 2.49 -0.01	36.71 2.47 -0.01	39.96 2.75 0.00	56.96 3.07 -0.02	73.41 4.05 -1.79	70.08 3.32 -0.29	50.31 2.42 -0.33	47.22 2.48 -0.40	44.28 2.75 -1.10	44.36 2.50 -1.52	45.52 2.45 -3.48	45.34 2.53 -3.33	47.32 2.74 -3.06	52.68 3.35 -2.90	67.53 4.39 -0.33	87.79 4.76 -14.95	74.25 4.49 -3.82	56.99 3.63 -0.01	50.33 3.25 -0.01	43.35 3.03 -0.01	41.12 2.94 -0.01
NARROWS_GT2_6 24241	41.01 3.00 -0.01	38.33 2.71 -0.01	37.33 2.57 -0.01	36.61 2.49 -0.01	36.71 2.47 -0.01	39.96 2.75 0.00	56.96 3.07 -0.02	73.41 4.05 -1.79	70.08 3.32 -0.29	50.31 2.42 -0.33	47.22 2.48 -0.40	44.28 2.75 -1.10	44.36 2.50 -1.52	45.52 2.45 -3.48	45.34 2.53 -3.33	47.32 2.74 -3.06	52.68 3.35 -2.90	67.53 4.39 -0.33	87.79 4.76 -14.95	74.25 4.49 -3.82	56.99 3.63 -0.01	50.33 3.25 -0.01	43.35 3.03 -0.01	41.12 2.94 -0.01
NARROWS_GT2_7 24242	41.01 3.00 -0.01	38.33 2.71 -0.01	37.33 2.57 -0.01	36.61 2.49 -0.01	36.71 2.47 -0.01	39.96 2.75 0.00	56.96 3.07 -0.02	73.41 4.05 -1.79	70.08 3.32 -0.29	50.31 2.42 -0.33	47.22 2.48 -0.40	44.28 2.75 -1.10	44.36 2.50 -1.52	45.52 2.45 -3.48	45.34 2.53 -3.33	47.32 2.74 -3.06	52.68 3.35 -2.90	67.53 4.39 -0.33	87.79 4.76 -14.95	74.25 4.49 -3.82	56.99 3.63 -0.01	50.33 3.25 -0.01	43.35 3.03 -0.01	41.12 2.94 -0.01
NARROWS_GT2_8 24243	41.01 3.00 -0.01	38.33 2.71 -0.01	37.33 2.57 -0.01	36.61 2.49 -0.01	36.71 2.47 -0.01	39.96 2.75 0.00	56.96 3.07 -0.02	73.41 4.05 -1.79	70.08 3.32 -0.29	50.31 2.42 -0.33	47.22 2.48 -0.40	44.28 2.75 -1.10	44.36 2.50 -1.52	45.52 2.45 -3.48	45.34 2.53 -3.33	47.32 2.74 -3.06	52.68 3.35 -2.90	67.53 4.39 -0.33	87.79 4.76 -14.95	74.25 4.49 -3.82	56.99 3.63 -0.01	50.33 3.25 -0.01	43.35 3.03 -0.01	41.12 2.94 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	38.87 0.87 0.00	36.44 0.82 0.00	35.58 0.83 0.00	34.93 0.82 0.00	35.60 1.37 0.00	36.95 2.01 2.27	48.31 3.12 8.68	64.57 3.78 6.78	65.47 2.66 3.65	45.08 1.33 3.81	42.14 0.98 3.18	39.81 0.85 1.47	39.84 -0.36 0.14	38.89 -0.36 0.33	39.08 -0.08 0.32	40.45 0.04 1.11	42.97 0.93 4.40	51.34 1.88 13.35	45.52 2.45 25.01	67.92 1.98 0.00	54.69 1.33 0.00	48.11 1.04 0.00	41.21 0.89 0.00	39.12 0.95 0.00
NCHELSEA_115KV_TR2 355582	40.24 2.24 0.00	37.68 2.07 0.00	36.73 1.98 0.00	36.06 1.94 0.00	36.15 1.92 0.00	39.36 2.16 0.00	56.94 3.07 0.00	72.01 4.39 -0.05	68.91 3.46 1.01	49.78 2.24 0.01	46.55 2.22 0.01	42.78 2.30 -0.06	42.41 1.98 -0.09	41.82 2.02 -0.22	41.84 2.13 -0.23	43.99 2.28 -0.19	49.34 2.69 -0.20	66.59 3.77 -0.02	73.20 4.22 -0.91	69.83 3.89 0.00	56.56 3.20 0.00	49.85 2.78 0.00	42.62 2.30 0.00	40.35 2.18 0.00
NEG CAPITAL___MECHNVIL 23645	39.48 1.48 0.00	37.01 1.39 0.00	36.07 1.32 0.00	35.44 1.33 0.00	35.64 1.40 0.00	43.92 1.64 -5.08	75.56 2.26 -19.43	85.53 2.84 -15.13	73.83 2.13 -5.24	57.53 1.38 -8.59	52.65 1.15 -7.16	44.50 1.09 -2.98	40.89 0.73 0.18	39.78 0.63 0.43	39.97 0.91 0.42	44.00 0.99 -1.49	56.97 1.49 -9.04	95.55 2.33 -30.42	113.23 2.73 -42.43	89.68 2.31 -21.43	73.86 1.98 -18.52	53.59 1.74 -4.78	42.43 1.57 -0.54	39.74 1.57 0.00
NEG CENTRAL_HIGH_ACRES 23767	36.86 -1.14 0.00	34.56 -1.07 -0.01	33.68 -1.08 -0.01	32.98 -1.16 -0.02	33.17 -1.06 0.00	35.83 -1.38 0.00	52.09 -1.78 0.00	65.00 -2.57 0.00	57.75 -2.73 5.99	46.10 -1.57 -0.11	43.20 -1.24 -0.10	39.76 -0.69 -0.03	39.52 -0.85 -0.03	38.87 -0.75 -0.04	38.57 -0.91 0.00	40.40 -1.12 0.00	44.82 -1.63 0.00	60.29 -2.51 0.00	65.28 -2.79 0.00	63.23 -2.71 0.00	51.12 -2.24 0.00	45.24 -1.84 0.00	38.71 -1.61 0.00	36.68 -1.49 0.00

NEG CENTRAL___DRP 24199	38.00 0.00 0.00	35.60 -0.04 -0.02	34.71 -0.07 -0.03	34.03 -0.14 -0.05	34.17 -0.07 0.00	37.10 -0.11 0.00	53.97 0.11 0.00	67.57 0.00 0.00	63.33 -0.53 2.60	47.41 -0.38 -0.24	44.35 -0.22 -0.23	40.55 0.04 -0.09	40.28 -0.16 -0.10	39.73 -0.04 -0.19	39.44 -0.12 -0.08	41.42 -0.17 -0.07	46.05 -0.46 -0.07	62.25 -0.57 -0.01	68.06 -0.34 -0.33	65.61 -0.33 0.00	52.93 -0.43 0.00	46.75 -0.33 0.00	40.04 -0.28 0.00	37.87 -0.31 0.00
NEG CENTRAL___INDECK 23768	38.80 0.80 0.00	36.33 0.71 0.00	35.34 0.59 0.00	34.56 0.44 0.00	34.75 0.51 0.00	37.54 0.33 0.00	54.94 1.08 0.00	68.42 0.81 -0.04	60.29 -0.13 6.04	47.23 -0.33 0.00	43.81 -0.53 0.00	40.41 -0.04 -0.03	40.10 -0.28 -0.04	39.64 -0.04 -0.10	39.46 -0.12 -0.10	41.40 -0.21 -0.09	45.98 -0.56 -0.09	62.19 -0.63 -0.01	68.35 -0.27 -0.55	65.79 -0.26 -0.11	52.93 -0.43 0.00	46.89 -0.19 0.00	40.08 -0.24 0.00	38.06 -0.11 0.00
NEG CENTRAL___SENECA 23627	38.19 0.19 0.00	35.77 0.14 -0.01	34.83 0.07 -0.02	34.15 0.00 -0.03	34.30 0.07 0.00	37.24 0.04 0.00	54.13 0.27 0.00	67.77 0.20 0.00	62.57 -0.40 3.49	47.37 -0.33 -0.15	44.35 -0.13 -0.14	40.65 0.16 -0.07	40.38 -0.04 -0.07	39.81 0.08 -0.15	39.57 0.00 -0.09	41.51 -0.08 -0.08	46.01 -0.51 -0.08	62.25 -0.57 -0.01	68.02 -0.41 -0.36	65.61 -0.33 0.00	52.93 -0.43 0.00	46.75 -0.33 0.00	40.08 -0.24 0.00	37.90 -0.27 0.00
NEG CENTRAL___STATE_STREET 24147	37.92 -0.08 0.00	35.53 -0.11 -0.02	34.64 -0.14 -0.04	34.01 -0.17 -0.07	34.10 -0.14 0.00	37.06 -0.15 0.00	53.92 0.05 0.00	67.57 0.00 0.00	63.91 -0.47 2.09	47.51 -0.33 -0.29	44.41 -0.22 -0.28	40.53 0.00 -0.11	40.25 -0.20 -0.11	39.67 -0.12 -0.21	39.40 -0.16 -0.08	41.42 -0.17 -0.07	46.24 -0.28 -0.07	62.50 -0.31 -0.01	68.27 -0.14 -0.33	65.81 -0.13 0.00	53.14 -0.21 0.00	46.89 -0.19 0.00	40.08 -0.24 0.00	37.90 -0.27 0.00
NEG MILLWOOD___DRP 24198	40.39 2.39 0.00	37.83 2.21 0.00	36.87 2.12 0.00	36.20 2.08 0.00	36.29 2.05 0.00	39.48 2.27 0.00	57.10 3.23 0.00	72.30 4.66 -0.07	69.40 3.92 0.99	50.17 2.62 0.01	46.91 2.57 0.01	43.38 2.63 -0.33	43.21 2.38 -0.49	43.21 2.41 -1.21	43.21 2.53 -1.21	45.26 2.70 -1.04	50.58 3.07 -1.07	66.94 4.02 -0.12	77.81 4.42 -5.31	70.03 4.09 0.00	56.77 3.41 0.00	50.04 2.97 0.00	42.78 2.46 0.00	40.50 2.33 0.00
NEG NORTH_FLCN_SEA 23793	38.49 0.49 0.00	36.19 0.57 0.00	35.27 0.52 0.00	34.76 0.65 0.00	34.82 0.58 0.00	37.88 0.67 0.00	53.38 -0.48 0.00	66.01 -1.55 0.00	65.00 -1.46 0.00	47.13 -0.43 0.00	43.86 -0.49 0.00	40.30 -0.12 0.00	40.42 0.08 0.00	39.34 -0.24 0.00	38.81 -0.67 0.00	40.65 -0.87 0.00	44.72 -1.72 0.00	59.66 -3.14 0.00	64.26 -3.81 0.00	62.38 -3.56 0.00	50.00 -3.36 0.00	44.39 -2.68 0.00	39.31 -1.01 0.00	37.33 -0.84 0.00
NEG NORTH_KES_CHATEGAY 23792	38.27 0.27 0.00	35.97 0.36 0.00	35.06 0.31 0.00	34.49 0.38 0.00	34.61 0.38 0.00	37.62 0.41 0.00	54.13 0.27 0.00	68.11 0.54 0.00	67.06 0.60 0.00	47.99 0.43 0.00	44.61 0.27 0.00	40.46 0.04 0.00	40.62 0.28 0.00	39.70 0.12 0.00	39.44 -0.04 0.00	41.48 -0.04 0.00	46.30 -0.14 0.00	62.61 -0.19 0.00	67.80 -0.27 0.00	65.87 -0.07 0.00	53.09 -0.27 0.00	46.65 -0.42 0.00	40.08 -0.24 0.00	37.98 -0.19 0.00
NEG NORTH___ALICE_FALLS 23915	38.68 0.68 0.00	36.37 0.75 0.00	35.41 0.66 0.00	34.87 0.75 0.00	34.95 0.72 0.00	38.06 0.86 0.00	54.19 0.32 0.00	67.30 -0.27 0.00	66.20 -0.27 0.00	47.75 0.19 0.00	44.43 0.09 0.00	40.66 0.24 0.00	40.79 0.44 0.00	39.74 0.16 0.00	39.24 -0.24 0.00	41.15 -0.37 0.00	45.56 -0.88 0.00	61.17 -1.63 0.00	65.97 -2.11 0.00	64.09 -1.85 0.00	51.38 -1.97 0.00	45.33 -1.74 0.00	39.72 -0.60 0.00	37.67 -0.50 0.00
NEG NORTH___LWR_SARANAC 23913	38.68 0.68 0.00	36.37 0.75 0.00	35.41 0.66 0.00	34.87 0.75 0.00	34.95 0.72 0.00	38.06 0.86 0.00	54.19 0.32 0.00	67.30 -0.27 0.00	66.20 -0.27 0.00	47.75 0.19 0.00	44.43 0.09 0.00	40.66 0.24 0.00	40.79 0.44 0.00	39.74 0.16 0.00	39.24 -0.24 0.00	41.15 -0.37 0.00	45.56 -0.88 0.00	61.17 -1.63 0.00	65.97 -2.11 0.00	64.09 -1.85 0.00	51.38 -1.97 0.00	45.33 -1.74 0.00	39.72 -0.60 0.00	37.67 -0.50 0.00
NEG NORTH___PLATTSBURG 23628	38.69 0.68 0.00	36.37 0.75 0.00	35.41 0.66 0.00	34.86 0.75 0.00	34.95 0.72 0.00	38.06 0.86 0.00	55.05 1.18 0.00	68.92 1.35 0.00	67.86 1.40 0.00	48.41 0.86 0.00	45.45 1.11 0.00	41.19 0.77 0.00	41.31 0.97 0.00	40.30 0.71 0.00	39.79 0.31 0.00	41.73 0.21 0.00	46.72 0.28 0.00	62.74 -0.06 0.00	67.60 -0.47 0.00	65.48 -0.46 0.00	52.61 -0.75 0.00	46.00 -1.08 0.00	39.72 -0.60 0.00	37.67 -0.50 0.00
NEG WEST_LEA_LOCKPORT 23791	36.94 -1.06 0.00	34.59 -1.03 0.00	33.88 -0.87 0.00	32.89 -1.23 0.00	33.07 -1.16 0.00	35.61 -1.60 0.00	50.69 -3.18 0.00	62.36 -5.20 0.00	57.27 -4.59 4.60	45.37 -2.19 0.00	41.73 -2.62 0.00	39.07 -1.37 -0.02	38.84 -1.53 -0.03	38.20 -1.46 -0.09	37.83 -1.74 -0.09	39.48 -2.12 -0.07	43.08 -3.44 -0.08	57.35 -5.46 -0.01	62.12 -6.33 -0.38	60.73 -5.21 0.00	49.41 -3.95 0.00	44.16 -2.92 0.00	37.78 -2.54 0.00	36.03 -2.14 0.00
NEG WEST___LANCASTR 23811	36.86 -1.14 0.00	34.48 -1.14 0.00	33.63 -1.11 0.00	32.78 -1.33 0.00	32.97 -1.27 0.00	35.57 -1.64 0.00	51.28 -2.59 0.00	63.24 -4.32 0.00	57.55 -4.39 4.53	45.13 -2.43 0.00	41.55 -2.79 0.00	38.83 -1.62 -0.03	38.57 -1.82 -0.04	37.94 -1.74 -0.10	37.60 -1.97 -0.10	39.20 -2.41 -0.09	43.05 -3.48 -0.09	57.66 -5.15 -0.01	63.55 -4.97 -0.44	61.32 -4.62 0.00	49.62 -3.74 0.00	44.25 -2.82 0.00	37.90 -2.42 0.00	36.03 -2.14 0.00
NEG_PENN_ALLEGHNY 23528	38.49 0.49 0.00	36.05 0.43 0.00	35.16 0.42 0.00	34.46 0.34 0.00	34.58 0.34 0.00	37.54 0.33 0.00	54.56 0.70 0.00	68.18 0.54 -0.07	61.50 0.07 5.03	47.71 0.14 -0.01	44.49 0.13 -0.01	40.97 0.49 -0.06	40.71 0.28 -0.08	40.09 0.32 -0.19	39.94 0.28 -0.19	41.89 0.21 -0.17	46.65 0.05 -0.16	62.82 0.00 -0.02	69.19 0.27 -0.84	66.42 0.26 -0.21	53.47 0.11 0.00	47.27 0.19 0.00	40.52 0.20 0.00	38.32 0.15 0.00
NEG___GEN_MONROE 24207	37.66 -0.34 0.00	35.33 -0.28 0.00	34.47 -0.28 0.00	33.67 -0.44 0.00	33.86 -0.38 0.00	36.54 -0.67 0.00	52.73 -1.13 0.00	65.61 -1.96 0.00	59.80 -1.99 4.67	46.80 -0.76 0.00	43.55 -0.80 0.00	40.24 -0.20 -0.02	40.05 -0.32 -0.03	39.46 -0.20 -0.07	39.12 -0.43 -0.07	41.00 -0.58 -0.06	45.25 -1.25 -0.06	60.74 -2.07 -0.01	65.63 -2.45 0.00	63.96 -1.98 0.00	51.81 -1.55 0.00	45.99 -1.08 0.00	39.23 -1.09 0.00	37.41 -0.76 0.00
NEPA___ENERGY 23901	37.58 -0.42 0.00	35.16 -0.46 0.00	34.26 -0.49 0.00	33.40 -0.72 0.00	33.58 -0.65 0.00	36.20 -1.00 0.00	52.30 -1.56 0.00	64.46 -3.11 0.00	58.68 -3.26 4.53	45.85 -1.71 0.00	42.26 -2.08 0.00	39.48 -0.97 -0.03	39.21 -1.17 -0.04	38.57 -1.11 -0.10	38.24 -1.34 -0.10	39.90 -1.70 -0.09	43.88 -2.65 -0.09	58.79 -4.02 -0.01	64.23 -4.29 -0.44	62.51 -3.43 0.00	50.64 -2.72 0.00	45.10 -1.98 0.00	38.59 -1.73 0.00	36.72 -1.45 0.00

NEVERSINK___HYD 23608	40.40 2.40 0.00	37.83 2.21 0.00	36.94 2.19 0.00	36.20 2.08 0.00	36.29 2.05 0.00	39.51 2.31 0.00	57.32 3.45 0.00	72.94 5.13 -0.24	69.11 3.92 1.28	50.15 2.57 -0.03	46.73 2.35 -0.04	43.06 2.43 -0.21	42.82 2.18 -0.31	42.41 2.10 -0.73	42.37 2.17 -0.72	44.52 2.37 -0.64	49.35 2.83 -0.07	65.21 4.14 1.74	73.58 4.83 -0.67	71.33 4.55 -0.84	57.04 3.68 0.00	50.37 3.29 0.00	42.98 2.66 0.00	40.58 2.41 0.00
NEWKRMKL_115KV_TB1 55635	38.34 0.34 0.00	35.90 0.28 0.00	35.02 0.28 0.00	34.39 0.27 0.00	34.51 0.27 0.00	33.36 0.52 4.37	37.74 0.59 16.71	54.98 0.54 13.13	60.30 0.00 6.16	40.16 -0.10 7.30	38.20 -0.04 6.10	37.70 0.04 2.77	39.78 -0.36 0.20	38.84 -0.28 0.47	38.90 -0.12 0.46	39.45 -0.08 1.98	38.36 0.23 8.31	37.67 0.50 25.64	29.91 0.68 38.84	66.20 0.26 0.00	53.68 0.32 0.00	47.41 0.33 0.00	40.64 0.32 0.00	38.59 0.42 0.00
NEWTON___FALLS_HYD 23847	38.57 0.57 0.00	36.41 0.78 -0.01	35.50 0.73 -0.02	34.76 0.61 -0.04	34.82 0.58 0.00	37.88 0.67 0.00	55.05 1.19 0.00	69.19 1.62 0.00	68.23 1.26 -0.50	48.42 0.71 -0.15	45.11 0.62 -0.15	40.83 0.36 -0.05	40.87 0.48 -0.04	39.97 0.32 -0.07	39.48 0.00 0.00	41.56 0.04 0.00	46.16 -0.28 0.00	62.43 -0.38 0.00	68.01 -0.07 0.00	66.07 0.13 0.00	53.41 0.05 0.00	47.59 0.52 0.00	40.60 0.28 0.00	38.29 0.11 0.00
NGRID_A1_DSASP 323792	36.90 -1.10 0.00	34.51 -1.10 0.00	33.67 -1.08 0.00	32.85 -1.26 0.00	33.03 -1.20 0.00	35.27 -1.94 0.00	50.26 -3.61 0.00	61.29 -6.28 0.00	54.45 -5.52 6.49	44.56 -2.99 0.00	41.33 -3.02 0.00	38.83 -1.62 -0.02	38.56 -1.81 -0.03	37.84 -1.82 -0.08	37.46 -2.09 -0.08	39.05 -2.53 -0.07	42.66 -3.85 -0.07	56.47 -6.34 -0.01	61.15 -7.28 -0.35	59.84 -6.20 -0.10	48.45 -4.91 0.00	43.36 -3.72 0.00	37.38 -2.94 0.00	35.73 -2.44 0.00
NGRID_A2_DSASP 323793	36.90 -1.10 0.00	34.51 -1.10 0.00	33.67 -1.08 0.00	32.85 -1.26 0.00	33.03 -1.20 0.00	35.27 -1.94 0.00	50.26 -3.61 0.00	61.29 -6.28 0.00	54.45 -5.52 6.49	44.56 -2.99 0.00	41.33 -3.02 0.00	38.83 -1.62 -0.02	38.56 -1.81 -0.03	37.84 -1.82 -0.08	37.46 -2.09 -0.08	39.05 -2.53 -0.07	42.66 -3.85 -0.07	56.47 -6.34 -0.01	61.15 -7.28 -0.35	59.84 -6.20 -0.10	48.45 -4.91 0.00	43.36 -3.72 0.00	37.38 -2.94 0.00	35.73 -2.44 0.00
NGRID_A4_DSASP 323807	36.90 -1.10 0.00	34.51 -1.10 0.00	33.67 -1.08 0.00	32.85 -1.26 0.00	33.03 -1.20 0.00	35.27 -1.94 0.00	50.26 -3.61 0.00	61.29 -6.28 0.00	54.45 -5.52 6.49	44.56 -2.99 0.00	41.33 -3.02 0.00	38.83 -1.62 -0.02	38.56 -1.81 -0.03	37.84 -1.82 -0.08	37.46 -2.09 -0.08	39.05 -2.53 -0.07	42.66 -3.85 -0.07	56.47 -6.34 -0.01	61.15 -7.28 -0.35	59.84 -6.20 -0.10	48.45 -4.91 0.00	43.36 -3.72 0.00	37.38 -2.94 0.00	35.73 -2.44 0.00
NIAGARA_115E_LBMP 323715	36.41 -1.59 0.00	34.05 -1.57 0.00	33.22 -1.53 0.00	32.41 -1.70 0.00	32.59 -1.64 0.00	34.98 -2.23 0.00	49.99 -3.88 0.00	61.01 -6.55 0.00	54.12 -5.85 6.49	44.32 -3.24 0.00	41.06 -3.28 0.00	38.58 -1.86 -0.02	38.32 -2.06 -0.03	37.60 -2.06 -0.08	37.23 -2.33 -0.08	38.80 -2.78 -0.07	42.42 -4.09 -0.07	56.22 -6.59 -0.01	60.94 -7.49 -0.35	59.58 -6.46 -0.10	48.24 -5.12 0.00	43.12 -3.95 0.00	37.18 -3.15 0.00	35.46 -2.71 0.00
NIAGARA_115W_LBMP 323714	36.82 -1.18 0.00	34.44 -1.17 0.00	33.60 -1.15 0.00	32.78 -1.33 0.00	32.97 -1.27 0.00	35.20 -2.01 0.00	50.09 -3.77 0.00	61.08 -6.49 0.00	54.25 -5.72 6.50	44.42 -3.14 0.00	41.20 -3.15 0.00	38.71 -1.74 -0.02	38.44 -1.94 -0.03	37.72 -1.94 -0.08	37.39 -2.17 -0.08	38.97 -2.61 -0.07	42.52 -3.99 -0.07	56.34 -6.47 -0.01	61.01 -7.42 -0.35	59.64 -6.40 -0.10	48.29 -5.07 0.00	43.22 -3.86 0.00	37.30 -3.02 0.00	35.61 -2.56 0.00
NIAGARA_230_LBMP 323716	36.82 -1.18 0.00	34.44 -1.17 0.00	33.60 -1.15 0.00	32.78 -1.33 0.00	32.97 -1.27 0.00	35.38 -1.82 0.00	50.58 -3.29 0.00	61.82 -5.74 0.00	54.84 -5.12 6.51	44.80 -2.76 0.00	41.59 -2.75 0.00	39.03 -1.42 -0.02	38.76 -1.61 -0.03	38.03 -1.62 -0.08	37.70 -1.85 -0.08	39.30 -2.28 -0.07	42.98 -3.53 -0.07	56.97 -5.84 -0.01	61.76 -6.67 -0.35	60.30 -5.74 -0.10	48.82 -4.54 0.00	43.64 -3.43 0.00	37.62 -2.70 0.00	35.88 -2.29 0.00
NIAGARA___115KV_198_GIBSON 55903	36.82 -1.18 0.00	34.44 -1.18 0.00	33.32 -1.42 0.00	32.78 -1.33 0.00	32.97 -1.27 0.00	35.12 -2.08 0.00	49.93 -3.93 0.00	61.35 -6.22 0.00	56.41 -5.45 4.61	44.80 -2.76 0.00	41.24 -3.10 0.00	38.63 -1.82 -0.02	38.40 -1.98 -0.04	37.77 -1.90 -0.09	37.44 -2.13 -0.09	39.06 -2.53 -0.08	42.57 -3.95 -0.08	56.47 -6.34 -0.01	61.04 -7.42 -0.39	59.81 -6.13 0.00	48.72 -4.64 0.00	43.59 -3.48 0.00	37.34 -2.98 0.00	35.65 -2.52 0.00
NIAGARA____ 23760	36.82 -1.18 0.00	34.44 -1.17 0.00	33.60 -1.15 0.00	32.78 -1.33 0.00	32.97 -1.27 0.00	35.38 -1.82 0.00	50.58 -3.29 0.00	61.82 -5.74 0.00	54.85 -5.12 6.50	44.80 -2.76 0.00	41.59 -2.75 0.00	39.03 -1.42 -0.02	38.76 -1.61 -0.03	38.03 -1.62 -0.08	37.70 -1.85 -0.08	39.30 -2.28 -0.07	42.98 -3.53 -0.07	56.97 -5.84 -0.01	61.76 -6.67 -0.35	60.30 -5.74 -0.10	48.82 -4.54 0.00	43.64 -3.43 0.00	37.62 -2.70 0.00	35.88 -2.29 0.00
NINE_MILE_1 23575	36.78 -1.22 0.00	34.19 -1.14 0.28	33.19 -1.11 0.44	32.19 -1.12 0.80	33.14 -1.10 0.00	35.98 -1.23 0.00	52.14 -1.73 0.00	65.34 -2.23 0.00	12.34 -2.53 51.60	42.54 -1.76 3.26	39.44 -1.51 3.40	38.18 -1.21 1.03	38.08 -1.29 0.97	36.77 -1.27 1.54	38.21 -1.26 0.00	40.15 -1.37 0.00	44.86 -1.58 0.00	60.60 -2.20 0.00	65.69 -2.38 0.00	63.63 -2.31 0.00	51.49 -1.87 0.00	45.48 -1.60 0.00	38.95 -1.37 0.00	36.87 -1.30 0.00
NINE_MILE_2 23744	36.78 -1.22 0.00	34.19 -1.14 0.28	33.19 -1.11 0.45	32.18 -1.12 0.81	33.14 -1.10 0.00	35.98 -1.23 0.00	52.14 -1.73 0.00	65.34 -2.23 0.00	11.94 -2.53 52.00	42.51 -1.76 3.29	39.41 -1.51 3.43	38.17 -1.21 1.04	38.07 -1.29 0.98	36.76 -1.27 1.56	38.21 -1.26 0.00	40.15 -1.37 0.00	44.86 -1.58 0.00	60.60 -2.20 0.00	65.76 -2.31 0.00	63.63 -2.31 0.00	51.49 -1.87 0.00	45.48 -1.60 0.00	38.95 -1.37 0.00	36.87 -1.30 0.00
NM_CAPITAL___DRP 24208	38.34 0.34 0.00	35.90 0.28 0.00	35.02 0.28 0.00	34.39 0.27 0.00	34.51 0.27 0.00	32.67 0.48 5.02	35.21 0.54 19.19	53.05 0.54 15.06	59.52 0.00 6.95	39.08 -0.10 8.38	37.30 -0.04 7.00	37.30 0.04 3.16	39.78 -0.36 0.20	38.83 -0.28 0.47	38.94 -0.08 0.46	39.26 -0.04 2.22	37.18 0.23 9.49	33.85 0.50 29.45	24.30 0.61 44.39	66.20 0.26 0.00	53.68 0.32 0.00	47.41 0.33 0.00	40.64 0.32 0.00	38.59 0.42 0.00
NM_CENTRAL___DRP 24181	37.47 -0.53 0.00	35.09 -0.53 -0.01	34.24 -0.52 -0.01	33.60 -0.55 -0.03	33.72 -0.51 0.00	36.65 -0.56 0.00	53.22 -0.65 0.00	66.69 -0.88 0.00	61.11 -1.26 4.09	46.87 -0.81 -0.12	43.88 -0.58 -0.11	40.09 -0.36 -0.03	39.89 -0.48 -0.03	39.24 -0.40 -0.05	39.05 -0.43 0.00	41.02 -0.50 0.00	45.79 -0.65 0.00	61.86 -0.94 0.00	67.12 -0.95 0.00	65.02 -0.92 0.00	52.56 -0.80 0.00	46.42 -0.66 0.00	39.72 -0.60 0.00	37.56 -0.61 0.00

NM_FRONTIER___DRP 24179	36.82 -1.18 0.00	34.44 -1.18 0.00	33.32 -1.42 0.00	32.78 -1.33 0.00	32.97 -1.27 0.00	35.12 -2.08 0.00	49.93 -3.93 0.00	61.35 -6.22 0.00	56.41 -5.45 4.61	44.80 -2.76 0.00	41.24 -3.10 0.00	38.63 -1.82 -0.02	38.40 -1.98 -0.04	37.77 -1.90 -0.09	37.44 -2.13 -0.09	39.06 -2.53 -0.08	42.57 -3.95 -0.08	56.47 -6.34 -0.01	61.04 -7.42 -0.39	59.81 -6.13 0.00	48.72 -4.64 0.00	43.59 -3.48 0.00	37.34 -2.98 0.00	35.65 -2.52 0.00
NM_ST_REGIS___HYD 24053	38.68 0.68 0.00	36.40 0.78 0.00	35.44 0.69 0.00	34.80 0.68 0.00	34.92 0.68 0.00	38.03 0.82 0.00	55.00 1.13 0.00	69.05 1.49 0.00	67.86 1.40 0.00	48.41 0.86 0.00	45.19 0.84 0.00	40.95 0.53 0.00	41.15 0.81 0.00	40.18 0.59 0.00	39.84 0.36 0.00	41.89 0.37 0.00	46.58 0.14 0.00	62.80 0.00 0.00	68.14 0.07 0.00	66.34 0.40 0.00	53.62 0.27 0.00	47.41 0.33 0.00	40.60 0.28 0.00	38.40 0.23 0.00
NORTHPORT___1 23551	40.09 2.09 0.00	37.40 1.78 0.00	36.48 1.74 0.00	35.79 1.67 0.00	35.88 1.64 0.00	39.33 2.12 0.00	49.62 1.29 5.54	50.10 2.90 20.37	49.48 1.99 18.98	45.11 1.48 3.92	41.34 1.73 4.73	41.21 2.43 1.64	41.34 2.06 1.06	41.91 1.98 -0.35	43.57 2.13 -1.96	43.40 2.24 0.36	51.34 2.55 -2.34	66.30 3.33 -0.17	86.60 3.61 -14.92	73.05 3.30 -3.81	55.91 2.56 0.00	49.33 2.26 0.00	42.25 1.94 0.00	40.00 1.83 0.00
NORTHPORT___2 23552	40.09 2.09 0.00	37.40 1.78 0.00	36.48 1.74 0.00	35.79 1.67 0.00	35.88 1.64 0.00	39.33 2.12 0.00	49.62 1.29 5.54	50.10 2.90 20.37	49.48 1.99 18.98	45.11 1.48 3.92	41.34 1.73 4.73	41.21 2.43 1.64	41.34 2.06 1.06	41.91 1.98 -0.35	43.57 2.13 -1.96	43.40 2.24 0.36	51.34 2.55 -2.34	66.30 3.33 -0.17	86.60 3.61 -14.92	73.05 3.30 -3.81	55.91 2.56 0.00	49.33 2.26 0.00	42.25 1.94 0.00	40.00 1.83 0.00
NORTHPORT___3 23553	40.01 2.01 0.00	37.33 1.71 0.00	36.41 1.67 0.00	35.72 1.60 0.00	35.81 1.58 0.00	39.25 2.05 0.00	49.53 1.18 5.51	49.98 2.71 20.29	49.42 1.86 18.90	45.03 1.38 3.91	41.27 1.64 4.71	41.14 2.34 1.63	41.27 1.98 1.05	41.84 1.90 -0.36	43.49 2.05 -1.96	43.33 2.16 0.35	51.25 2.46 -2.34	66.18 3.20 -0.17	86.46 3.47 -14.92	72.91 3.17 -3.81	55.81 2.46 0.00	49.24 2.17 0.00	42.13 1.82 0.00	39.89 1.72 0.00
NORTHPORT___4 23650	40.01 2.01 0.00	37.33 1.71 0.00	36.41 1.67 0.00	35.72 1.60 0.00	35.81 1.58 0.00	39.25 2.05 0.00	49.53 1.18 5.51	49.98 2.71 20.29	49.42 1.86 18.90	45.03 1.38 3.91	41.27 1.64 4.71	41.14 2.34 1.63	41.27 1.98 1.05	41.84 1.90 -0.36	43.49 2.05 -1.96	43.33 2.16 0.35	51.25 2.46 -2.34	66.18 3.20 -0.17	86.46 3.47 -14.92	72.91 3.17 -3.81	55.81 2.46 0.00	49.24 2.17 0.00	42.13 1.82 0.00	39.89 1.72 0.00
NORTHPORT___IC 23718	40.09 2.09 0.00	37.40 1.78 0.00	36.48 1.74 0.00	35.79 1.67 0.00	35.88 1.64 0.00	39.22 2.01 0.00	49.73 1.40 5.54	50.30 3.11 20.37	49.87 2.19 18.78	45.11 1.47 3.92	41.52 1.91 4.73	41.21 2.43 1.64	41.30 2.02 1.06	41.95 2.02 -0.35	43.61 2.17 -1.96	43.40 2.24 0.36	51.43 2.65 -2.34	66.43 3.45 -0.17	86.67 3.68 -14.92	69.36 3.43 0.00	56.02 2.67 0.00	49.28 2.21 0.00	42.21 1.90 0.00	40.00 1.83 0.00
NORTH___COUNTRY_ESR 323785	38.19 0.19 0.00	35.90 0.28 0.00	34.99 0.24 0.00	34.42 0.31 0.00	34.54 0.31 0.00	37.54 0.33 0.00	54.40 0.54 0.00	68.24 0.68 0.00	67.26 0.80 0.00	48.03 0.48 0.00	44.79 0.44 0.00	40.50 0.08 0.00	40.70 0.36 0.00	39.82 0.24 0.00	39.56 0.08 0.00	41.56 0.04 0.00	46.49 0.05 0.00	62.87 0.06 0.00	67.94 -0.14 0.00	65.87 -0.07 0.00	53.20 -0.16 0.00	46.70 -0.38 0.00	40.00 -0.32 0.00	37.91 -0.27 0.00
NPX_GEN_1385_PROXY 323591	39.00 1.94 0.94	36.84 1.64 0.42	33.90 1.60 2.45	34.55 1.54 1.10	35.51 1.50 0.23	39.29 2.08 0.00	53.42 1.51 1.95	58.20 3.11 12.48	50.41 2.19 18.24	45.20 1.57 3.92	41.30 1.68 4.73	41.09 2.30 1.64	36.94 1.90 5.30	38.91 1.86 2.53	39.00 2.01 2.49	42.66 2.08 0.93	51.34 2.55 -2.34	66.30 3.33 -0.17	83.52 3.33 -12.11	74.60 3.36 -5.30	60.00 2.77 -3.87	49.38 2.31 0.00	42.17 1.86 0.00	39.85 1.68 0.00
NPX_GEN_CSC 323557	39.98 1.97 0.00	37.26 1.64 0.00	36.38 1.63 0.00	35.68 1.57 0.00	35.84 1.61 0.00	39.55 2.35 0.00	49.90 1.51 5.47	50.54 3.11 20.14	49.81 2.13 18.78	44.87 1.19 3.88	41.09 1.42 4.68	40.92 2.10 1.61	41.00 1.69 1.03	41.66 1.70 -0.38	43.42 1.97 -1.97	43.31 2.12 0.33	51.48 2.69 -2.35	66.49 3.51 -0.17	85.45 3.95 -13.43	74.86 3.62 -5.30	56.18 2.83 0.00	49.85 2.78 0.00	42.57 2.26 0.00	40.31 2.14 0.00
NSINS_S_GLNS_FALLS 23858	39.33 1.33 0.00	36.94 1.32 0.00	36.10 1.36 0.00	35.41 1.30 0.00	35.57 1.34 0.00	42.13 1.45 -3.47	69.34 2.21 -13.27	80.72 2.84 -10.31	71.80 1.93 -3.40	54.48 1.05 -5.88	50.08 0.84 -4.89	43.15 0.73 -2.00	40.49 0.32 0.18	39.40 0.24 0.42	39.58 0.51 0.41	43.01 0.58 -0.91	53.75 1.25 -6.05	85.51 2.01 -20.70	99.21 2.59 -28.54	67.92 1.98 0.00	55.01 1.65 0.00	48.49 1.41 0.00	41.61 1.29 0.00	39.51 1.34 0.00
NUCOR_STEEL___DRP 24197	37.92 -0.08 0.00	35.57 -0.07 -0.03	34.68 -0.10 -0.04	34.05 -0.14 -0.07	34.13 -0.10 0.00	37.06 -0.15 0.00	53.86 0.00 0.00	67.50 -0.07 0.00	64.11 -0.47 1.89	47.53 -0.33 -0.31	44.47 -0.18 -0.31	40.54 0.00 -0.11	40.30 -0.16 -0.12	39.72 -0.08 -0.22	39.44 -0.12 -0.08	41.46 -0.12 -0.07	46.28 -0.23 -0.07	62.50 -0.31 -0.01	67.94 -0.14 0.00	65.81 -0.13 0.00	53.14 -0.21 0.00	46.94 -0.14 0.00	40.12 -0.20 0.00	37.94 -0.23 0.00
NUMBER_THREE_WT_PWR 323818	38.57 0.57 0.00	36.52 0.89 -0.01	35.64 0.87 -0.02	34.84 0.68 -0.04	34.82 0.58 0.00	37.88 0.67 0.00	55.26 1.40 0.00	69.53 1.96 0.00	66.95 1.46 0.97	48.48 0.76 -0.16	45.08 0.57 -0.16	40.79 0.32 -0.05	40.67 0.28 -0.05	39.85 0.20 -0.07	39.24 -0.24 0.00	41.31 -0.21 0.00	46.17 -0.28 0.00	62.62 -0.19 0.00	68.42 0.34 0.00	66.20 0.26 0.00	53.46 0.11 0.00	47.60 0.52 0.00	40.56 0.24 0.00	38.17 0.00 0.00
NYISO_LBMP_REFERENCE 24008	38.00 0.00 0.00	35.62 0.00 0.00	34.75 0.00 0.00	34.11 0.00 0.00	34.23 0.00 0.00	37.21 0.00 0.00	53.86 0.00 0.00	67.57 0.00 0.00	66.46 0.00 0.00	47.56 0.00 0.00	44.34 0.00 0.00	40.42 0.00 0.00	40.34 0.00 0.00	39.58 0.00 0.00	39.48 0.00 0.00	41.52 0.00 0.00	46.44 0.00 0.00	62.80 0.00 0.00	68.08 0.00 0.00	65.94 0.00 0.00	53.36 0.00 0.00	47.08 0.00 0.00	40.32 0.00 0.00	38.17 0.00 0.00
NYPA_BRENTWD____GT 24164	40.55 2.55 0.00	37.79 2.17 0.00	36.90 2.16 0.00	36.16 2.05 0.00	36.29 2.05 0.00	39.77 2.57 0.00	50.04 1.45 5.27	51.21 3.04 19.40	50.39 2.06 18.14	45.29 1.48 3.74	41.52 1.68 4.51	41.29 2.38 1.52	41.49 2.10 0.95	42.08 2.02 -0.48	43.75 2.25 -2.02	43.67 2.37 0.21	51.59 2.79 -2.37	67.26 4.27 -0.18	87.83 4.83 -14.92	74.30 4.55 -3.81	56.82 3.47 0.00	50.23 3.15 0.00	42.90 2.58 0.00	40.54 2.37 0.00

NYPA_GOWANUS____GT5 24156	41.01 3.00 -0.01	38.33 2.71 -0.01	37.33 2.57 -0.01	36.61 2.49 -0.01	36.71 2.47 -0.01	39.96 2.75 0.00	56.96 3.07 -0.02	73.41 4.05 -1.79	70.08 3.32 -0.29	50.31 2.42 -0.33	47.22 2.48 -0.40	44.28 2.75 -1.10	44.36 2.50 -1.52	45.52 2.45 -3.48	45.34 2.53 -3.33	47.32 2.74 -3.06	52.68 3.35 -2.90	67.53 4.39 -0.33	87.79 4.76 -14.95	74.25 4.49 -3.82	56.99 3.63 -0.01	50.33 3.25 -0.01	43.35 3.03 -0.01	41.12 2.94 -0.01
NYPA_GOWANUS____GT6 24157	41.01 3.00 -0.01	38.33 2.71 -0.01	37.33 2.57 -0.01	36.61 2.49 -0.01	36.71 2.47 -0.01	39.96 2.75 0.00	56.96 3.07 -0.02	73.41 4.05 -1.79	70.08 3.32 -0.29	50.31 2.42 -0.33	47.22 2.48 -0.40	44.28 2.75 -1.10	44.36 2.50 -1.52	45.52 2.45 -3.48	45.34 2.53 -3.33	47.32 2.74 -3.06	52.68 3.35 -2.90	67.53 4.39 -0.33	87.79 4.76 -14.95	74.25 4.49 -3.82	56.99 3.63 -0.01	50.33 3.25 -0.01	43.35 3.03 -0.01	41.12 2.94 -0.01
NYPA_HARLEM__RVR__GT1 24160	40.90 2.89 -0.01	38.30 2.67 -0.01	37.29 2.54 -0.01	36.58 2.46 -0.01	36.67 2.43 -0.01	39.89 2.68 0.00	56.90 3.01 -0.02	73.26 4.39 -1.31	69.99 3.65 0.13	50.71 2.71 -0.44	47.38 2.75 -0.28	44.58 2.99 -1.17	44.54 2.74 -1.46	45.79 2.65 -3.55	45.54 2.76 -3.30	47.61 2.95 -3.14	52.63 3.30 -2.89	67.46 4.33 -0.33	87.65 4.63 -14.94	74.11 4.35 -3.81	56.88 3.52 0.00	50.19 3.11 -0.01	43.31 2.98 -0.01	40.89 2.71 -0.01
NYPA_HARLEM__RVR__GT2 24161	40.90 2.89 -0.01	38.30 2.67 -0.01	37.29 2.54 -0.01	36.58 2.46 -0.01	36.67 2.43 -0.01	39.89 2.68 0.00	56.90 3.01 -0.02	73.26 4.39 -1.31	69.99 3.65 0.13	50.71 2.71 -0.44	47.38 2.75 -0.28	44.58 2.99 -1.17	44.54 2.74 -1.46	45.79 2.65 -3.55	45.54 2.76 -3.30	47.61 2.95 -3.14	52.63 3.30 -2.89	67.46 4.33 -0.33	87.65 4.63 -14.94	74.11 4.35 -3.81	56.88 3.52 0.00	50.19 3.11 -0.01	43.31 2.98 -0.01	40.89 2.71 -0.01
NYPA_KENT____GT 24152	40.94 2.93 -0.01	38.26 2.64 -0.01	37.26 2.50 -0.01	36.58 2.46 -0.01	36.67 2.43 -0.01	39.92 2.71 0.00	57.01 3.12 -0.02	73.80 4.26 -1.97	70.44 3.52 -0.45	50.50 2.61 -0.32	47.39 2.62 -0.43	44.44 2.91 -1.10	44.49 2.62 -1.53	45.65 2.57 -3.50	45.50 2.69 -3.33	47.46 2.86 -3.08	52.73 3.39 -2.90	67.60 4.46 -0.33	87.86 4.83 -14.95	74.25 4.49 -3.82	56.99 3.63 -0.01	50.38 3.29 -0.01	43.35 3.03 -0.01	41.04 2.86 -0.01
NYPA_POUCH1____GT 24155	41.01 3.00 -0.01	38.33 2.71 -0.01	37.33 2.57 -0.01	36.61 2.49 -0.01	36.71 2.47 -0.01	39.96 2.75 0.00	56.74 2.85 -0.02	73.07 3.71 -1.79	69.68 2.92 -0.29	50.06 2.19 -0.31	47.00 2.26 -0.40	44.07 2.55 -1.10	44.12 2.26 -1.52	45.28 2.22 -3.48	45.10 2.29 -3.33	47.11 2.53 -3.06	52.45 3.11 -2.90	67.28 4.14 -0.33	87.51 4.49 -14.95	73.99 4.22 -3.82	56.78 3.42 -0.01	50.14 3.06 -0.01	43.31 2.98 -0.01	41.12 2.94 -0.01
NYPA_VERNON____GT2 24162	40.86 2.85 -0.01	38.23 2.60 -0.01	37.22 2.47 -0.01	36.55 2.42 -0.01	36.60 2.36 -0.01	39.89 2.68 0.00	57.06 3.18 -0.02	74.02 4.53 -1.92	70.66 3.79 -0.41	50.66 2.76 -0.35	47.56 2.80 -0.42	44.57 3.03 -1.11	44.65 2.78 -1.52	45.80 2.73 -3.49	45.65 2.84 -3.33	47.62 3.03 -3.07	52.77 3.44 -2.90	67.66 4.52 -0.33	87.86 4.83 -14.95	74.31 4.55 -3.82	57.04 3.68 -0.01	50.42 3.34 -0.01	43.31 2.98 -0.01	40.96 2.78 -0.01
NYPA_VERNON____GT3 24163	40.86 2.85 -0.01	38.23 2.60 -0.01	37.22 2.47 -0.01	36.55 2.42 -0.01	36.60 2.36 -0.01	39.89 2.68 0.00	57.06 3.18 -0.02	74.02 4.53 -1.92	70.66 3.79 -0.41	50.66 2.76 -0.35	47.56 2.80 -0.42	44.57 3.03 -1.11	44.65 2.78 -1.52	45.80 2.73 -3.49	45.65 2.84 -3.33	47.62 3.03 -3.07	52.77 3.44 -2.90	67.66 4.52 -0.33	87.86 4.83 -14.95	74.31 4.55 -3.82	57.04 3.68 -0.01	50.42 3.34 -0.01	43.31 2.98 -0.01	40.96 2.78 -0.01
NYPA____ASTORIA_CC1 323568	40.86 2.85 -0.01	38.22 2.60 -0.01	37.22 2.47 -0.01	36.54 2.42 -0.01	36.60 2.36 -0.01	39.89 2.68 0.00	57.01 3.12 -0.02	73.93 4.46 -1.90	70.51 3.65 -0.39	50.61 2.71 -0.35	47.51 2.75 -0.42	44.53 2.99 -1.11	44.61 2.74 -1.52	45.76 2.69 -3.49	45.61 2.80 -3.33	47.58 2.99 -3.07	52.68 3.35 -2.90	67.60 4.46 -0.33	87.79 4.76 -14.95	74.25 4.49 -3.82	56.99 3.63 -0.01	50.38 3.29 -0.01	43.31 2.98 -0.01	40.93 2.75 -0.01
NYPA____ASTORIA_CC2 323569	40.86 2.85 -0.01	38.22 2.60 -0.01	37.22 2.47 -0.01	36.54 2.42 -0.01	36.60 2.36 -0.01	39.89 2.68 0.00	57.01 3.12 -0.02	73.93 4.46 -1.90	70.51 3.65 -0.39	50.61 2.71 -0.35	47.51 2.75 -0.42	44.53 2.99 -1.11	44.61 2.74 -1.52	45.76 2.69 -3.49	45.61 2.80 -3.33	47.58 2.99 -3.07	52.68 3.35 -2.90	67.60 4.46 -0.33	87.79 4.76 -14.95	74.25 4.49 -3.82	56.99 3.63 -0.01	50.38 3.29 -0.01	43.31 2.98 -0.01	40.93 2.75 -0.01
NYPA____HOLTSVILL 23794	40.05 2.05 0.00	37.36 1.74 0.00	36.45 1.70 0.00	35.75 1.64 0.00	35.88 1.64 0.00	39.40 2.19 0.00	49.73 1.35 5.49	50.29 2.90 20.18	49.58 1.93 18.81	45.00 1.33 3.89	41.21 1.55 4.69	41.03 2.22 1.61	41.20 1.90 1.04	41.78 1.82 -0.37	43.50 2.05 -1.97	43.39 2.20 0.33	51.30 2.51 -2.35	66.24 3.26 -0.17	86.53 3.54 -14.92	73.05 3.30 -3.81	55.91 2.56 0.00	49.57 2.49 0.00	42.41 2.10 0.00	40.19 2.02 0.00
NYPA____HELLGATE_GT1 24158	40.90 2.89 -0.01	38.30 2.67 -0.01	37.29 2.54 -0.01	36.58 2.46 -0.01	36.67 2.43 -0.01	39.89 2.68 0.00	56.90 3.01 -0.02	74.44 4.39 -2.49	71.02 3.65 -0.90	50.50 2.71 -0.24	47.63 2.75 -0.54	44.46 2.99 -1.04	44.66 2.74 -1.57	45.64 2.65 -3.41	45.59 2.76 -3.35	47.45 2.95 -2.98	52.68 3.35 -2.89	67.52 4.39 -0.33	87.65 4.63 -14.94	74.11 4.35 -3.81	56.93 3.58 0.00	50.24 3.15 -0.01	43.31 2.98 -0.01	40.89 2.71 -0.01
NYPA____HELLGATE_GT2 24159	40.90 2.89 -0.01	38.30 2.67 -0.01	37.29 2.54 -0.01	36.58 2.46 -0.01	36.67 2.43 -0.01	39.89 2.68 0.00	56.90 3.01 -0.02	74.44 4.39 -2.49	71.02 3.65 -0.90	50.50 2.71 -0.24	47.63 2.75 -0.54	44.46 2.99 -1.04	44.66 2.74 -1.57	45.64 2.65 -3.41	45.59 2.76 -3.35	47.45 2.95 -2.98	52.68 3.35 -2.89	67.52 4.39 -0.33	87.65 4.63 -14.94	74.11 4.35 -3.81	56.93 3.58 0.00	50.24 3.15 -0.01	43.31 2.98 -0.01	40.89 2.71 -0.01
NYS_BARGE____HYD 23848	36.90 -1.10 0.00	34.55 -1.07 0.00	33.71 -1.04 0.00	32.89 -1.23 0.00	33.07 -1.16 0.00	35.46 -1.75 0.00	50.85 -3.02 0.00	62.16 -5.41 0.00	55.16 -4.79 6.51	44.99 -2.57 0.00	41.73 -2.62 0.00	39.15 -1.30 -0.02	38.88 -1.49 -0.03	38.15 -1.50 -0.07	37.78 -1.78 -0.07	39.38 -2.20 -0.06	43.07 -3.44 -0.07	57.22 -5.59 -0.01	62.09 -6.33 -0.34	60.63 -5.41 -0.10	49.04 -4.32 0.00	43.83 -3.25 0.00	37.74 -2.58 0.00	36.00 -2.17 0.00
OAK ORCHARD____HYD 24046	37.58 -0.42 0.00	35.23 -0.39 0.00	34.33 -0.42 0.00	33.60 -0.51 0.00	33.79 -0.45 0.00	36.46 -0.74 0.00	52.84 -1.03 0.00	65.75 -1.82 0.00	57.88 -1.93 6.66	46.65 -0.91 0.00	43.68 -0.66 0.00	40.38 -0.04 0.00	40.14 -0.20 0.00	39.46 -0.12 0.00	39.16 -0.32 0.00	41.06 -0.46 0.00	45.46 -0.98 0.00	61.05 -1.76 0.00	65.97 -2.11 0.00	64.03 -1.91 0.00	51.81 -1.55 0.00	45.95 -1.13 0.00	39.27 -1.05 0.00	37.29 -0.88 0.00

OAKDALE___35_KV_LOAD 356122	38.23 0.23 0.00	35.80 0.18 0.00	34.89 0.14 0.00	34.22 0.10 0.00	34.34 0.10 0.00	37.28 0.07 0.00	54.13 0.27 0.00	67.71 0.07 -0.07	62.08 -0.47 3.92	47.28 -0.29 -0.01	44.09 -0.27 -0.01	40.56 0.08 -0.06	40.30 -0.12 -0.08	39.74 -0.04 -0.20	39.59 -0.08 -0.19	41.57 -0.12 -0.17	46.29 -0.33 -0.17	62.38 -0.44 -0.02	68.59 -0.34 -0.85	65.68 -0.26 0.00	53.14 -0.21 0.00	46.98 -0.09 0.00	40.20 -0.12 0.00	38.06 -0.11 0.00
OCC_CHEM___DRP 24175	36.90 -1.10 0.00	34.51 -1.10 0.00	33.46 -1.29 0.00	32.85 -1.26 0.00	33.04 -1.20 0.00	35.23 -1.97 0.00	50.09 -3.77 0.00	61.55 -6.01 0.00	56.54 -5.32 4.61	44.94 -2.62 0.00	41.37 -2.97 0.00	38.75 -1.70 -0.02	38.52 -1.86 -0.04	37.89 -1.78 -0.09	37.51 -2.05 -0.09	39.19 -2.41 -0.08	42.67 -3.85 -0.08	56.66 -6.15 -0.01	61.25 -7.22 -0.39	60.01 -5.93 0.00	48.82 -4.54 0.00	43.73 -3.34 0.00	37.46 -2.86 0.00	35.77 -2.40 0.00
OH_GEN_PROXY 24063	36.86 -1.14 0.00	34.48 -1.14 0.00	33.60 -1.15 0.00	32.82 -1.30 0.00	33.00 -1.23 0.00	35.42 -1.79 0.00	50.69 -3.18 0.00	61.96 -5.61 0.00	54.98 -4.99 6.50	44.90 -2.66 0.00	41.68 -2.66 0.00	39.11 -1.33 -0.02	38.80 -1.57 -0.03	38.12 -1.54 -0.08	37.74 -1.82 -0.08	39.38 -2.20 -0.07	43.12 -3.39 -0.07	57.22 -5.59 -0.01	60.54 -6.40 1.13	62.06 -5.47 -1.59	49.04 -4.32 0.00	43.78 -3.30 0.00	37.70 -2.62 0.00	35.96 -2.21 0.00
OLIN_CORP_DRP 24177	36.48 -1.52 0.00	34.16 -1.46 0.00	33.57 -1.18 0.00	32.51 -1.60 0.00	32.66 -1.57 0.00	35.20 -2.01 0.00	49.99 -3.88 0.00	61.49 -6.08 0.00	56.42 -5.45 4.60	44.80 -2.76 0.00	41.24 -3.10 0.00	38.59 -1.86 -0.02	38.36 -2.02 -0.04	37.73 -1.94 -0.09	37.40 -2.17 -0.09	39.02 -2.57 -0.08	42.53 -3.99 -0.08	56.53 -6.28 -0.01	61.18 -7.28 -0.39	59.87 -6.07 0.00	48.72 -4.64 0.00	43.59 -3.48 0.00	37.34 -2.98 0.00	35.58 -2.60 0.00
OLIN_CORP_DSASP 323712	36.90 -1.10 0.00	34.51 -1.10 0.00	33.67 -1.08 0.00	32.85 -1.26 0.00	33.03 -1.20 0.00	35.27 -1.94 0.00	50.26 -3.61 0.00	61.29 -6.28 0.00	54.45 -5.52 6.49	44.56 -2.99 0.00	41.33 -3.02 0.00	38.83 -1.62 -0.02	38.56 -1.81 -0.03	37.84 -1.82 -0.08	37.46 -2.09 -0.08	39.05 -2.53 -0.07	42.66 -3.85 -0.07	56.47 -6.34 -0.01	61.15 -7.28 -0.35	59.84 -6.20 -0.10	48.45 -4.91 0.00	43.36 -3.72 0.00	37.38 -2.94 0.00	35.73 -2.44 0.00
ONEIDA_HERK_LFGE 323681	38.69 0.68 0.00	36.47 0.85 0.00	35.58 0.83 0.00	34.80 0.68 0.00	34.92 0.68 0.00	37.95 0.74 0.00	55.32 1.45 0.00	69.53 1.96 0.00	66.51 1.73 1.68	48.60 1.04 0.00	45.23 0.89 0.00	41.15 0.73 0.00	40.99 0.64 0.00	40.14 0.55 0.00	39.79 0.31 0.00	41.89 0.37 0.00	46.86 0.42 0.00	63.50 0.69 0.00	69.23 1.16 0.00	66.99 1.05 0.00	54.10 0.75 0.00	48.02 0.94 0.00	40.96 0.64 0.00	38.59 0.42 0.00
ONEIDA___115KV_TB4 55905	38.80 0.80 0.00	36.47 0.85 0.00	35.58 0.83 0.00	34.80 0.68 0.00	34.99 0.75 0.00	38.06 0.86 0.00	55.48 1.62 0.00	69.80 2.23 0.00	65.99 1.86 2.33	48.70 1.14 0.00	45.41 1.06 0.00	41.39 0.97 0.00	41.23 0.89 0.00	40.41 0.83 0.00	40.15 0.67 0.00	42.27 0.75 0.00	47.28 0.84 0.00	64.06 1.26 0.00	69.78 1.70 0.00	67.52 1.58 0.00	54.53 1.17 0.00	48.25 1.18 0.00	41.21 0.89 0.00	38.86 0.69 0.00
ONONDAGA_REF_OCCRA 23987	37.62 -0.38 0.00	35.24 -0.39 -0.01	34.38 -0.38 -0.01	33.73 -0.41 -0.03	33.86 -0.38 0.00	36.80 -0.41 0.00	53.49 -0.38 0.00	67.03 -0.54 0.00	61.43 -0.93 4.11	47.06 -0.62 -0.12	44.02 -0.44 -0.11	40.23 -0.24 -0.05	40.04 -0.36 -0.06	39.39 -0.32 -0.12	39.19 -0.36 -0.07	41.21 -0.37 -0.06	45.99 -0.51 -0.06	62.18 -0.63 -0.01	67.46 -0.61 0.00	65.35 -0.59 0.00	52.82 -0.53 0.00	46.65 -0.42 0.00	39.88 -0.44 0.00	37.71 -0.46 0.00
ONONDAGA___COGEN 23986	37.66 -0.34 0.00	35.29 -0.36 -0.03	34.45 -0.35 -0.05	33.83 -0.38 -0.09	33.86 -0.38 0.00	36.80 -0.41 0.00	53.49 -0.38 0.00	67.03 -0.54 0.00	64.21 -0.93 1.33	47.35 -0.57 -0.37	44.36 -0.35 -0.37	40.33 -0.20 -0.11	40.12 -0.32 -0.10	39.47 -0.28 -0.17	39.20 -0.28 0.00	41.19 -0.33 0.00	45.98 -0.46 0.00	62.18 -0.63 0.00	67.53 -0.54 0.00	65.35 -0.59 0.00	52.82 -0.53 0.00	46.61 -0.47 0.00	39.92 -0.40 0.00	37.71 -0.46 0.00
ONTARIO___LFGE 23819	38.19 0.19 0.00	35.77 0.14 -0.01	34.83 0.07 -0.02	34.15 0.00 -0.03	34.30 0.07 0.00	37.21 0.00 0.00	54.13 0.27 0.00	67.57 0.00 0.00	60.69 -0.53 5.24	47.27 -0.43 -0.15	44.12 -0.36 -0.14	40.65 0.16 -0.06	40.37 -0.04 -0.07	39.76 0.04 -0.14	39.52 -0.04 -0.08	41.42 -0.17 -0.07	46.00 -0.51 -0.07	62.12 -0.69 -0.01	68.04 -0.41 -0.37	65.57 -0.46 -0.09	52.77 -0.59 0.00	46.61 -0.47 0.00	40.04 -0.28 0.00	37.91 -0.27 0.00
ORANGEVILLE_WT_PWR 323706	37.92 -0.08 0.00	35.44 -0.18 0.00	34.37 -0.38 0.00	33.60 -0.51 0.00	33.65 -0.58 0.00	36.39 -0.82 0.00	52.90 -0.97 0.00	65.73 -1.89 -0.05	57.38 -3.46 5.62	4.01 -3.09 40.46	4.00 -3.02 37.33	1.00 -2.22 37.20	1.00 -2.46 36.88	1.00 -2.25 36.33	1.00 -2.33 36.15	38.89 -2.74 -0.11	42.89 -3.67 -0.12	57.54 -5.28 -0.01	62.85 -5.58 -0.35	60.99 -5.08 -0.12	49.14 -4.22 0.00	43.74 -3.34 0.00	37.70 -2.62 0.00	35.92 -2.25 0.00
ORANGEVILLE___ESR 323794	37.92 -0.08 0.00	35.44 -0.18 0.00	34.37 -0.38 0.00	33.60 -0.51 0.00	33.65 -0.58 0.00	36.39 -0.82 0.00	52.90 -0.97 0.00	65.73 -1.89 -0.05	57.38 -3.46 5.62	4.01 -3.09 40.46	4.00 -3.02 37.33	1.00 -2.22 37.20	1.00 -2.46 36.88	1.00 -2.25 36.33	1.00 -2.33 36.15	38.89 -2.74 -0.11	42.89 -3.67 -0.12	57.54 -5.28 -0.01	62.85 -5.58 -0.35	60.99 -5.08 -0.12	49.14 -4.22 0.00	43.74 -3.34 0.00	37.70 -2.62 0.00	35.92 -2.25 0.00
OSWEGATCHIE___HYD 24044	38.57 0.57 0.00	36.41 0.78 -0.01	35.50 0.73 -0.02	34.76 0.61 -0.04	34.82 0.58 0.00	37.88 0.67 0.00	55.10 1.24 0.00	69.32 1.75 0.00	67.33 1.40 0.53	48.46 0.76 -0.15	45.20 0.71 -0.15	40.83 0.36 -0.05	40.87 0.49 -0.04	40.01 0.36 -0.07	39.52 0.04 0.00	41.60 0.08 0.00	46.26 -0.19 0.00	62.55 -0.25 0.00	68.14 0.07 0.00	66.07 0.13 0.00	53.46 0.11 0.00	47.60 0.52 0.00	40.60 0.28 0.00	38.29 0.11 0.00
OSWEGO___5 23606	37.09 -0.91 0.00	34.91 -0.89 -0.18	34.16 -0.87 -0.28	33.78 -0.85 -0.51	33.38 -0.85 0.00	36.24 -0.97 0.00	52.57 -1.29 0.00	65.81 -1.76 0.00	81.66 -2.06 -17.25	48.23 -1.43 -2.10	45.36 -1.15 -2.17	40.15 -0.93 -0.66	39.95 -1.01 -0.62	39.58 -0.99 -0.98	38.49 -0.99 0.00	40.44 -1.08 0.00	45.19 -1.25 0.00	61.05 -1.76 0.00	66.24 -1.83 0.00	64.09 -1.85 0.00	51.86 -1.49 0.00	45.81 -1.27 0.00	39.27 -1.05 0.00	37.14 -1.03 0.00
OSWEGO___6 23613	37.09 -0.91 0.00	34.91 -0.89 -0.18	34.16 -0.87 -0.28	33.78 -0.85 -0.51	33.38 -0.85 0.00	36.24 -0.97 0.00	52.57 -1.29 0.00	65.81 -1.76 0.00	81.66 -2.06 -17.25	48.23 -1.43 -2.10	45.36 -1.15 -2.17	40.15 -0.93 -0.66	39.95 -1.01 -0.62	39.58 -0.99 -0.98	38.49 -0.99 0.00	40.44 -1.08 0.00	45.19 -1.25 0.00	61.05 -1.76 0.00	66.24 -1.83 0.00	64.09 -1.85 0.00	51.86 -1.49 0.00	45.81 -1.27 0.00	39.27 -1.05 0.00	37.14 -1.03 0.00

OUTOKUMPU-AB___DRP 24206	37.32 -0.68 0.00	34.94 -0.68 0.00	34.05 -0.69 0.00	33.23 -0.89 0.00	33.41 -0.82 0.00	35.83 -1.38 0.00	51.17 -2.69 0.00	62.91 -4.66 0.00	57.82 -4.05 4.59	45.75 -1.81 0.00	42.04 -2.31 0.00	39.36 -1.09 -0.02	39.13 -1.25 -0.04	38.48 -1.19 -0.09	38.11 -1.46 -0.09	39.73 -1.87 -0.08	43.32 -3.20 -0.08	57.73 -5.09 -0.01	62.55 -5.92 -0.39	61.19 -4.75 0.00	49.73 -3.63 0.00	44.49 -2.59 0.00	38.10 -2.22 0.00	36.30 -1.87 0.00
OXBOW___BTM 323836	37.16 -0.84 0.00	34.80 -0.82 0.00	33.91 -0.83 0.00	33.09 -1.02 0.00	33.28 -0.96 0.00	35.61 -1.60 0.00	50.85 -3.02 0.00	62.10 -5.47 0.00	55.19 -4.79 6.48	45.04 -2.52 0.00	41.73 -2.62 0.00	39.19 -1.25 -0.02	38.92 -1.45 -0.03	38.20 -1.46 -0.08	37.82 -1.74 -0.08	39.38 -2.20 -0.07	43.03 -3.48 -0.07	57.10 -5.71 -0.01	61.90 -6.54 -0.36	60.57 -5.47 -0.10	48.98 -4.37 0.00	43.78 -3.30 0.00	37.78 -2.54 0.00	36.03 -2.14 0.00
OXBOW___ 24026	37.16 -0.84 0.00	34.80 -0.82 0.00	33.81 -0.94 0.00	33.09 -1.02 0.00	33.28 -0.96 0.00	35.57 -1.64 0.00	50.74 -3.12 0.00	62.36 -5.20 0.00	57.28 -4.59 4.60	45.42 -2.14 0.00	41.77 -2.57 0.00	39.11 -1.33 -0.02	38.89 -1.49 -0.04	38.25 -1.42 -0.09	37.87 -1.70 -0.09	39.48 -2.12 -0.08	43.04 -3.48 -0.08	57.22 -5.59 -0.01	62.00 -6.47 -0.39	60.73 -5.21 0.00	49.36 -4.00 0.00	44.16 -2.92 0.00	37.82 -2.50 0.00	36.07 -2.10 0.00
OXY_CHEM_DSASP 323612	36.90 -1.10 0.00	34.51 -1.10 0.00	33.46 -1.29 0.00	32.85 -1.26 0.00	33.04 -1.20 0.00	35.23 -1.97 0.00	50.09 -3.77 0.00	61.55 -6.01 0.00	56.54 -5.32 4.61	44.94 -2.62 0.00	41.37 -2.97 0.00	38.75 -1.70 -0.02	38.52 -1.86 -0.04	37.89 -1.78 -0.09	37.51 -2.05 -0.09	39.19 -2.41 -0.08	42.67 -3.85 -0.08	56.66 -6.15 -0.01	61.25 -7.22 -0.39	60.01 -5.93 0.00	48.82 -4.54 0.00	43.73 -3.34 0.00	37.46 -2.86 0.00	35.77 -2.40 0.00
OZONE_PARK_ESR 323760	40.93 2.93 0.00	38.25 2.64 0.00	37.28 2.54 0.00	36.57 2.46 0.00	36.66 2.43 0.00	39.96 2.75 0.00	57.76 3.88 -0.02	74.95 5.61 -1.78	71.73 4.79 -0.48	51.21 3.33 -0.32	48.06 3.33 -0.39	44.96 3.44 -1.10	45.00 3.15 -1.51	46.22 3.17 -3.47	46.08 3.28 -3.32	48.02 3.45 -3.05	53.28 3.95 -2.89	68.35 5.21 -0.33	88.68 5.65 -14.95	71.22 5.28 -0.01	57.69 4.32 -0.01	50.80 3.72 -0.01	43.47 3.14 -0.01	41.03 2.86 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	36.90 -1.10 0.00	34.51 -1.10 0.00	33.46 -1.29 0.00	32.85 -1.26 0.00	33.04 -1.20 0.00	35.23 -1.97 0.00	50.09 -3.77 0.00	61.55 -6.01 0.00	56.54 -5.32 4.61	44.94 -2.62 0.00	41.37 -2.97 0.00	38.75 -1.70 -0.02	38.52 -1.86 -0.04	37.89 -1.78 -0.09	37.51 -2.05 -0.09	39.19 -2.41 -0.08	42.67 -3.85 -0.08	56.66 -6.15 -0.01	61.25 -7.22 -0.39	60.01 -5.93 0.00	48.82 -4.54 0.00	43.73 -3.34 0.00	37.46 -2.86 0.00	35.77 -2.40 0.00
PACKARD___115KV_DUPONT_184 80571	36.90 -1.10 0.00	34.51 -1.10 0.00	33.67 -1.08 0.00	32.85 -1.26 0.00	33.03 -1.20 0.00	35.27 -1.94 0.00	50.26 -3.61 0.00	61.29 -6.28 0.00	54.45 -5.52 6.49	44.56 -2.99 0.00	41.33 -3.02 0.00	38.83 -1.62 -0.02	38.56 -1.81 -0.03	37.84 -1.82 -0.08	37.46 -2.09 -0.08	39.05 -2.53 -0.07	42.66 -3.85 -0.07	56.47 -6.34 -0.01	61.15 -7.28 -0.35	59.84 -6.20 -0.10	48.45 -4.91 0.00	43.36 -3.72 0.00	37.38 -2.94 0.00	35.73 -2.44 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	40.86 2.85 -0.01	38.26 2.64 -0.01	37.26 2.50 -0.01	36.58 2.46 -0.01	36.64 2.40 -0.01	39.85 2.64 0.00	56.96 3.07 -0.02	73.14 4.32 -1.24	70.00 3.52 -0.01	50.30 2.52 -0.22	47.32 2.71 -0.27	44.33 2.87 -1.04	44.34 2.54 -1.45	45.56 2.57 -3.40	45.54 2.76 -3.30	47.32 2.82 -2.97	52.64 3.30 -2.90	67.47 4.33 -0.33	87.58 4.56 -14.95	70.17 4.22 -0.01	56.83 3.47 -0.01	50.14 3.06 -0.01	43.27 2.94 -0.01	40.89 2.71 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	41.24 3.23 -0.01	38.65 3.03 -0.01	37.64 2.88 -0.01	36.95 2.83 -0.01	37.01 2.77 -0.01	40.22 3.01 0.00	57.50 3.61 -0.02	73.88 5.07 -1.24	70.73 4.25 -0.01	50.78 3.00 -0.22	47.72 3.10 -0.27	44.69 3.23 -1.04	44.74 2.94 -1.45	45.91 2.93 -3.40	45.90 3.12 -3.30	47.73 3.24 -2.97	53.06 3.72 -2.90	68.04 4.90 -0.33	88.26 5.24 -14.95	70.82 4.88 -0.01	57.37 4.00 -0.01	50.61 3.53 -0.01	43.67 3.35 -0.01	41.23 3.05 -0.01
PATROON___115KV_TB1 80586	38.46 0.46 0.00	36.05 0.43 0.00	35.13 0.38 0.00	34.49 0.38 0.00	34.61 0.38 0.00	33.35 0.63 4.49	37.44 0.75 17.17	54.89 0.81 13.49	60.36 0.20 6.31	40.10 0.05 7.50	38.17 0.09 6.26	37.75 0.16 2.84	39.90 -0.24 0.20	38.96 -0.16 0.47	39.02 0.00 0.46	39.54 0.04 2.02	38.33 0.42 8.53	37.15 0.69 26.34	29.09 0.88 39.87	66.47 0.53 0.00	53.84 0.48 0.00	47.55 0.47 0.00	40.76 0.44 0.00	38.71 0.53 0.00
PATTRSNVILLE___SOLAR 323815	38.95 0.95 0.00	36.47 0.85 0.00	35.62 0.87 0.00	34.97 0.85 0.00	35.12 0.89 0.00	39.06 1.04 -0.81	58.47 1.51 -3.09	71.90 1.96 -2.37	67.40 1.00 0.06	49.19 0.24 -1.40	45.55 0.04 -1.16	40.86 0.04 -0.40	39.90 -0.28 0.16	38.93 -0.28 0.38	39.03 -0.08 0.37	41.54 0.04 0.02	48.16 0.46 -1.26	69.07 1.19 -5.07	75.47 1.63 -5.77	70.60 1.39 -3.27	57.66 1.17 -3.13	48.97 1.08 -0.81	41.38 0.97 -0.09	39.13 0.95 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	37.05 -0.95 0.00	34.69 -0.93 0.00	33.88 -0.87 0.00	32.99 -1.13 0.00	33.17 -1.06 0.00	35.76 -1.45 0.00	51.44 -2.42 0.00	63.38 -4.19 0.00	57.86 -4.05 4.55	45.46 -2.09 0.00	41.82 -2.53 0.00	39.11 -1.33 -0.03	38.85 -1.53 -0.04	38.21 -1.46 -0.10	37.88 -1.70 -0.10	39.44 -2.16 -0.08	43.23 -3.30 -0.08	57.85 -4.96 -0.01	63.47 -5.04 -0.43	61.52 -4.42 0.00	49.84 -3.52 0.00	44.44 -2.64 0.00	38.10 -2.22 0.00	36.22 -1.95 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	40.39 2.39 0.00	37.83 2.21 0.00	36.87 2.12 0.00	36.20 2.08 0.00	36.29 2.05 0.00	39.48 2.27 0.00	57.10 3.23 0.00	72.30 4.66 -0.07	69.40 3.92 0.99	50.17 2.62 0.01	46.91 2.57 0.01	43.38 2.63 -0.33	43.21 2.38 -0.49	43.21 2.41 -1.21	43.21 2.53 -1.21	45.26 2.70 -1.04	50.58 3.07 -1.07	66.94 4.02 -0.12	77.81 4.42 -5.31	70.03 4.09 0.00	56.77 3.41 0.00	50.04 2.97 0.00	42.78 2.46 0.00	40.50 2.33 0.00
PEEKSKILL___ 23653	40.36 2.36 0.00	37.76 2.14 0.00	36.76 2.01 0.00	36.09 1.98 0.00	36.18 1.95 0.00	39.44 2.23 0.00	56.84 2.96 -0.01	72.92 4.39 -0.96	69.40 3.39 0.46	50.10 2.38 -0.16	46.84 2.30 -0.19	43.96 2.55 -0.99	44.05 2.30 -1.41	45.22 2.29 -3.34	45.15 2.41 -3.26	46.96 2.53 -2.91	52.18 2.88 -2.86	66.96 3.83 -0.32	87.12 4.15 -14.90	73.70 3.96 -3.81	56.56 3.20 0.00	50.00 2.92 0.00	42.78 2.46 0.00	40.46 2.29 0.00
PGE MADISON___WINDPWR 24146	40.01 2.01 0.00	37.65 2.03 0.00	36.73 1.98 0.00	35.79 1.67 0.00	36.05 1.81 0.00	39.22 2.01 0.00	57.58 3.72 0.00	72.67 5.00 -0.10	67.32 4.19 3.33	50.09 2.52 -0.01	46.58 2.22 -0.02	42.53 2.02 -0.09	42.44 1.98 -0.12	41.69 1.82 -0.29	41.26 1.50 -0.28	43.43 1.66 -0.25	48.64 1.95 -0.25	66.10 3.27 -0.03	73.63 4.29 -1.27	69.90 3.96 0.00	56.29 2.93 0.00	49.71 2.64 0.00	42.26 1.94 0.00	39.74 1.56 0.00

PIERCEFIELD___HYD 23852	38.65 0.65 0.00	36.37 0.75 -0.01	35.42 0.66 -0.01	34.78 0.65 -0.02	34.88 0.65 0.00	37.95 0.74 0.00	54.89 1.02 0.00	68.92 1.35 0.00	68.01 1.26 -0.29	48.40 0.76 -0.08	45.18 0.75 -0.09	40.89 0.44 -0.03	41.09 0.73 -0.02	40.17 0.55 -0.04	39.76 0.28 0.00	41.85 0.33 0.00	46.49 0.05 0.00	62.61 -0.19 0.00	68.01 -0.07 0.00	66.14 0.20 0.00	53.57 0.21 0.00	47.45 0.38 0.00	40.60 0.28 0.00	38.40 0.23 0.00
PINELAWN_CC_1 323563	40.32 2.32 0.00	37.61 1.99 0.00	36.69 1.94 0.00	35.99 1.88 0.00	36.08 1.85 0.00	39.55 2.35 0.00	50.47 1.29 4.68	53.11 2.77 17.22	52.02 1.80 16.24	45.57 1.33 3.32	41.89 1.55 4.01	41.44 2.26 1.25	41.58 1.94 0.69	42.27 1.90 -0.79	43.76 2.13 -2.15	43.88 2.24 -0.12	51.41 2.55 -2.42	66.26 3.26 -0.19	86.67 3.67 -14.92	73.11 3.36 -3.81	55.91 2.56 0.00	49.61 2.54 0.00	42.73 2.42 0.00	40.31 2.14 0.00
PJM_GEN_HTTP_PROXY 323702	40.62 2.62 0.00	37.97 2.35 0.00	37.00 2.26 0.00	36.33 2.22 0.00	36.39 2.16 0.00	39.70 2.49 0.00	57.17 3.29 -0.02	74.08 4.87 -1.64	70.68 4.05 -0.16	50.75 2.90 -0.30	47.54 2.84 -0.36	44.57 3.07 -1.08	44.62 2.78 -1.49	45.76 2.73 -3.45	45.67 2.88 -3.31	47.58 3.03 -3.03	52.72 3.39 -2.89	67.59 4.46 -0.33	86.37 4.83 -13.46	75.80 4.55 -5.31	57.04 3.68 0.00	50.38 3.29 0.00	43.07 2.74 0.00	40.73 2.56 0.00
PJM_GEN_KEystone 24065	38.80 0.80 0.00	36.26 0.64 0.00	35.34 0.59 0.00	34.63 0.51 0.00	34.75 0.51 0.00	37.69 0.48 0.00	54.52 0.65 -0.01	75.20 0.54 -7.09	56.69 -0.20 9.57	47.70 0.05 -0.09	44.50 0.04 -0.11	41.65 0.73 -0.49	41.49 0.44 -0.70	41.71 0.48 -1.65	41.52 0.44 -1.61	43.29 0.33 -1.44	47.99 0.14 -1.41	62.90 -0.06 -0.16	73.97 0.07 -5.83	69.50 0.20 -3.36	53.52 0.16 0.00	47.41 0.33 0.00	40.64 0.32 0.00	38.51 0.34 0.00
PJM_GEN_NEPTUNE_PROXY 323594	39.98 1.97 0.00	37.33 1.71 0.00	36.41 1.67 0.00	35.72 1.60 0.00	35.81 1.58 0.00	39.21 2.01 0.00	49.72 1.72 5.87	49.36 3.38 21.59	48.89 2.46 20.03	45.16 1.76 4.16	41.33 2.00 5.01	41.30 2.67 1.79	41.48 2.78 1.20	42.01 2.73 -0.18	43.81 2.88 -1.88	43.55 2.58 0.55	51.68 2.93 -2.31	66.80 3.83 -0.16	85.73 4.22 -13.43	75.06 3.82 -5.30	56.34 2.99 0.00	49.61 2.54 0.00	42.45 2.14 0.00	40.00 1.83 0.00
PJM_GEN_VFT_PROXY 323633	40.55 2.55 0.00	37.90 2.28 0.00	36.94 2.19 0.00	36.23 2.12 0.00	36.32 2.09 0.00	39.59 2.38 0.00	57.06 3.18 -0.02	74.14 4.80 -1.78	70.67 3.92 -0.29	50.69 2.81 -0.32	47.48 2.75 -0.39	44.59 3.07 -1.10	44.63 2.78 -1.51	45.78 2.73 -3.47	45.68 2.88 -3.32	47.60 3.03 -3.05	52.68 3.35 -2.89	67.53 4.39 -0.33	86.23 4.69 -13.46	75.74 4.49 -5.31	56.99 3.63 -0.01	50.28 3.20 -0.01	43.03 2.70 -0.01	40.65 2.48 0.00
PLATSBURG_115KV_PMLD1 355749	38.57 0.57 0.00	36.26 0.64 0.00	35.34 0.59 0.00	34.80 0.68 0.00	34.88 0.65 0.00	37.95 0.74 0.00	53.70 -0.16 0.00	66.42 -1.15 0.00	65.40 -1.06 0.00	47.37 -0.19 0.00	44.08 -0.27 0.00	40.46 0.04 0.00	40.58 0.24 0.00	39.46 -0.12 0.00	38.93 -0.55 0.00	40.77 -0.75 0.00	44.96 -1.49 0.00	60.04 -2.76 0.00	64.74 -3.34 0.00	62.84 -3.10 0.00	50.37 -2.99 0.00	44.63 -2.45 0.00	39.35 -0.97 0.00	37.37 -0.80 0.00
PLEASANTVLY___LBMP 24000	39.79 1.79 0.00	37.22 1.60 0.00	36.31 1.56 0.00	35.65 1.54 0.00	35.74 1.51 0.00	38.92 1.71 0.00	56.12 2.26 0.00	70.79 3.38 0.15	67.93 2.59 1.13	49.27 1.76 0.05	46.11 1.82 0.06	42.03 1.94 0.33	41.57 1.69 0.47	40.17 1.70 1.12	40.24 1.86 1.09	42.50 1.95 0.97	47.76 2.28 0.96	65.71 3.01 0.11	66.26 3.20 5.01	68.91 2.97 0.00	55.81 2.45 0.00	49.29 2.21 0.00	42.17 1.85 0.00	39.93 1.76 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	40.28 2.28 0.00	37.72 2.10 0.00	36.73 1.98 0.00	36.09 1.98 0.00	36.15 1.92 0.00	39.40 2.20 0.00	56.87 3.02 0.01	70.98 4.39 0.98	68.15 3.59 1.90	49.82 2.47 0.21	46.57 2.48 0.25	43.78 2.63 -0.73	43.83 2.34 -1.15	44.95 2.37 -2.99	45.03 2.49 -3.06	46.68 2.62 -2.55	52.16 2.97 -2.74	67.06 3.96 -0.30	86.83 4.22 -14.53	69.89 3.96 0.00	56.61 3.25 0.00	49.94 2.87 0.00	42.70 2.38 0.00	40.38 2.21 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	40.28 2.28 0.00	37.72 2.10 0.00	36.73 1.98 0.00	36.09 1.98 0.00	36.15 1.92 0.00	39.40 2.20 0.00	56.87 3.02 0.01	70.98 4.39 0.98	68.15 3.59 1.90	49.82 2.47 0.21	46.57 2.48 0.25	43.78 2.63 -0.73	43.83 2.34 -1.15	44.95 2.37 -2.99	45.03 2.49 -3.06	46.68 2.62 -2.55	52.16 2.97 -2.74	67.06 3.96 -0.30	86.83 4.22 -14.53	69.89 3.96 0.00	56.61 3.25 0.00	49.94 2.87 0.00	42.70 2.38 0.00	40.38 2.21 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	39.94 1.94 0.00	37.40 1.78 0.00	36.48 1.74 0.00	35.82 1.71 0.00	35.88 1.64 0.00	39.10 1.90 0.00	56.50 2.64 0.00	71.35 3.78 0.00	68.27 2.86 1.05	49.39 1.85 0.02	46.18 1.86 0.03	42.31 1.98 0.10	41.90 1.69 0.13	40.97 1.70 0.31	41.04 1.86 0.30	43.20 1.95 0.27	48.60 2.42 0.26	66.10 3.33 0.03	70.91 3.68 0.84	69.30 3.36 0.00	56.19 2.83 0.00	49.52 2.45 0.00	42.38 2.06 0.00	40.08 1.91 0.00
POLETTI____ 23519	40.67 2.66 -0.01	38.05 2.42 -0.01	37.05 2.29 -0.01	36.37 2.25 -0.01	36.47 2.23 -0.01	39.63 2.42 0.00	56.63 2.75 -0.02	73.65 4.19 -1.90	70.50 3.46 -0.58	50.37 2.47 -0.34	47.37 2.62 -0.41	44.32 2.79 -1.10	44.36 2.50 -1.52	45.56 2.49 -3.48	45.53 2.72 -3.32	47.36 2.78 -3.06	52.54 3.20 -2.90	67.28 4.15 -0.33	87.31 4.29 -14.95	69.97 4.02 -0.01	56.62 3.25 -0.01	49.86 2.78 -0.01	43.07 2.74 -0.01	40.66 2.48 -0.01
POMONA___ESR 323819	40.40 2.40 0.00	37.79 2.17 0.00	36.80 2.05 0.00	36.13 2.01 0.00	36.22 1.98 0.00	39.48 2.27 0.00	57.00 3.12 -0.01	72.98 4.53 -0.88	69.36 3.45 0.56	50.08 2.38 -0.14	46.82 2.30 -0.17	43.86 2.55 -0.89	43.87 2.26 -1.27	44.85 2.26 -3.01	44.79 2.37 -2.94	46.63 2.49 -2.62	51.90 2.88 -2.58	66.99 3.90 -0.29	85.80 4.29 -13.43	73.40 4.02 -3.43	56.67 3.31 0.00	50.05 2.97 0.00	42.82 2.50 0.00	40.46 2.29 0.00
PORT_JEFF_3 23555	40.09 2.09 0.00	37.36 1.74 0.00	36.48 1.74 0.00	35.75 1.64 0.00	35.88 1.64 0.00	39.44 2.23 0.00	49.68 1.29 5.47	50.26 2.84 20.14	49.68 1.99 18.78	45.01 1.33 3.88	41.22 1.55 4.68	41.08 2.26 1.61	41.21 1.90 1.03	41.82 1.86 -0.38	43.54 2.09 -1.97	43.43 2.24 0.33	51.20 2.41 -2.35	66.05 3.08 -0.17	86.33 3.33 -14.92	72.85 3.10 -3.81	55.81 2.46 0.00	49.61 2.54 0.00	42.53 2.22 0.00	40.27 2.10 0.00
PORT_JEFF_4 23616	40.09 2.09 0.00	37.36 1.74 0.00	36.48 1.74 0.00	35.75 1.64 0.00	35.88 1.64 0.00	39.44 2.23 0.00	49.68 1.29 5.47	50.26 2.84 20.14	49.68 1.99 18.78	45.01 1.33 3.88	41.22 1.55 4.68	41.08 2.26 1.61	41.21 1.90 1.03	41.82 1.86 -0.38	43.54 2.09 -1.97	43.43 2.24 0.33	51.20 2.41 -2.35	66.05 3.08 -0.17	86.33 3.33 -14.92	72.85 3.10 -3.81	55.81 2.46 0.00	49.61 2.54 0.00	42.53 2.22 0.00	40.27 2.10 0.00

PORT_JEFF_IC 23713	40.13 2.13 0.00	37.40 1.78 0.00	36.52 1.77 0.00	35.82 1.71 0.00	35.91 1.68 0.00	39.36 2.16 0.00	49.88 1.45 5.44	50.66 3.11 20.01	50.12 2.13 18.47	45.13 1.43 3.86	41.51 1.82 4.65	41.18 2.34 1.59	41.26 1.94 1.02	41.96 1.98 -0.40	43.67 2.21 -1.98	43.54 2.33 0.30	51.44 2.65 -2.35	66.43 3.45 -0.18	86.53 3.54 -14.92	69.17 3.23 0.00	56.07 2.72 0.00	49.66 2.59 0.00	42.57 2.26 0.00	40.35 2.18 0.00
PPL PILGRIM_ST_GT1 24216	40.55 2.55 0.00	37.79 2.17 0.00	36.90 2.16 0.00	36.16 2.05 0.00	36.29 2.05 0.00	39.77 2.57 0.00	50.04 1.45 5.27	51.21 3.04 19.40	50.39 2.06 18.14	45.29 1.48 3.74	41.52 1.68 4.51	41.29 2.38 1.52	41.49 2.10 0.95	42.08 2.02 -0.48	43.75 2.25 -2.02	43.67 2.37 0.21	51.59 2.79 -2.37	67.26 4.27 -0.18	87.83 4.83 -14.92	74.30 4.55 -3.81	56.82 3.47 0.00	50.23 3.15 0.00	42.90 2.58 0.00	40.54 2.37 0.00
PPL PILGRIM_ST_GT2 24217	40.55 2.55 0.00	37.79 2.17 0.00	36.90 2.16 0.00	36.16 2.05 0.00	36.29 2.05 0.00	39.77 2.57 0.00	50.04 1.45 5.27	51.21 3.04 19.40	50.39 2.06 18.14	45.29 1.48 3.74	41.52 1.68 4.51	41.29 2.38 1.52	41.49 2.10 0.95	42.08 2.02 -0.48	43.75 2.25 -2.02	43.67 2.37 0.21	51.59 2.79 -2.37	67.26 4.27 -0.18	87.83 4.83 -14.92	74.30 4.55 -3.81	56.82 3.47 0.00	50.23 3.15 0.00	42.90 2.58 0.00	40.54 2.37 0.00
PPL_SHRM_GT3 24213	39.98 1.97 0.00	37.29 1.67 0.00	36.41 1.67 0.00	35.72 1.60 0.00	35.84 1.61 0.00	39.55 2.35 0.00	49.97 1.56 5.46	50.60 3.11 20.08	49.86 2.13 18.72	44.88 1.19 3.87	41.10 1.42 4.66	40.92 2.10 1.60	41.01 1.69 1.02	41.67 1.70 -0.39	43.43 1.97 -1.97	43.32 2.12 0.32	51.48 2.69 -2.35	66.49 3.51 -0.17	86.94 3.95 -14.92	73.37 3.62 -3.81	56.18 2.83 0.00	49.85 2.78 0.00	42.57 2.26 0.00	40.35 2.17 0.00
PPL_SHRM_GT4 24214	39.98 1.97 0.00	37.29 1.67 0.00	36.41 1.67 0.00	35.72 1.60 0.00	35.84 1.61 0.00	39.55 2.35 0.00	49.97 1.56 5.46	50.60 3.11 20.08	49.86 2.13 18.72	44.88 1.19 3.87	41.10 1.42 4.66	40.92 2.10 1.60	41.01 1.69 1.02	41.67 1.70 -0.39	43.43 1.97 -1.97	43.32 2.12 0.32	51.48 2.69 -2.35	66.49 3.51 -0.17	86.94 3.95 -14.92	73.37 3.62 -3.81	56.18 2.83 0.00	49.85 2.78 0.00	42.57 2.26 0.00	40.35 2.17 0.00
PROJECT___ORANGE 1 24174	37.47 -0.53 0.00	35.13 -0.50 -0.01	34.24 -0.52 -0.01	33.59 -0.55 -0.02	33.72 -0.51 0.00	36.65 -0.56 0.00	53.22 -0.65 0.00	66.76 -0.81 0.00	60.81 -1.26 4.39	46.85 -0.81 -0.10	43.90 -0.53 -0.09	40.13 -0.32 -0.03	39.92 -0.44 -0.03	39.23 -0.40 -0.04	39.09 -0.39 0.00	41.06 -0.46 0.00	45.79 -0.65 0.00	61.92 -0.88 0.00	67.19 -0.88 0.00	65.02 -0.92 0.00	52.61 -0.75 0.00	46.42 -0.66 0.00	39.72 -0.60 0.00	37.56 -0.61 0.00
PROJECT___ORANGE 2 24166	37.47 -0.53 0.00	35.13 -0.50 -0.01	34.24 -0.52 -0.01	33.59 -0.55 -0.02	33.72 -0.51 0.00	36.65 -0.56 0.00	53.22 -0.65 0.00	66.76 -0.81 0.00	60.81 -1.26 4.39	46.85 -0.81 -0.10	43.90 -0.53 -0.09	40.13 -0.32 -0.03	39.92 -0.44 -0.03	39.23 -0.40 -0.04	39.09 -0.39 0.00	41.06 -0.46 0.00	45.79 -0.65 0.00	61.92 -0.88 0.00	67.19 -0.88 0.00	65.02 -0.92 0.00	52.61 -0.75 0.00	46.42 -0.66 0.00	39.72 -0.60 0.00	37.56 -0.61 0.00
PUCKETT___SOLAR 323809	38.72 0.72 0.00	36.26 0.64 0.00	35.41 0.66 0.00	34.66 0.54 0.00	34.82 0.58 0.00	37.80 0.59 0.00	55.05 1.18 0.00	68.94 1.28 -0.09	62.42 0.60 4.64	47.90 0.34 -0.01	44.58 0.22 -0.01	40.98 0.49 -0.07	40.76 0.32 -0.10	40.14 0.32 -0.24	39.95 0.24 -0.23	41.98 0.25 -0.21	46.88 0.23 -0.21	63.33 0.50 -0.02	70.02 0.88 -1.06	67.07 0.85 -0.27	53.95 0.59 0.00	47.69 0.61 0.00	40.81 0.49 0.00	38.55 0.38 0.00
PYRITES___HYD 24023	39.03 1.03 0.00	36.76 1.14 0.00	35.79 1.04 0.00	35.10 0.99 0.00	35.26 1.03 0.00	38.40 1.19 0.00	55.75 1.89 0.00	69.93 2.36 0.00	68.52 2.06 0.00	48.70 1.14 0.00	45.32 0.98 0.00	41.03 0.61 0.00	41.35 1.01 0.00	40.33 0.75 0.00	40.03 0.55 0.00	42.14 0.62 0.00	46.95 0.51 0.00	63.49 0.69 0.00	69.17 1.09 0.00	67.26 1.32 0.00	54.37 1.01 0.00	48.11 1.04 0.00	41.13 0.81 0.00	38.82 0.65 0.00
QUAKERRD_115KV_BK1 80622	36.71 -1.29 0.00	34.41 -1.21 0.00	33.57 -1.18 0.00	32.85 -1.26 0.00	33.04 -1.20 0.00	35.72 -1.49 0.00	51.76 -2.10 0.00	64.73 -2.84 4.28	59.19 -2.99 4.28	45.93 -1.71 -0.09	42.88 -1.46 0.00	39.45 -0.97 0.00	39.29 -1.05 0.00	38.63 -0.95 0.00	38.33 -1.14 0.00	40.23 -1.29 0.00	44.63 -1.81 0.00	60.10 -2.70 0.00	64.94 -3.13 0.00	63.04 -2.90 0.00	51.01 -2.35 0.00	45.19 -1.88 0.00	38.55 -1.77 0.00	36.57 -1.60 0.00
QUENSBRY_115KV_TB8 356137	39.33 1.33 0.00	36.94 1.32 0.00	36.07 1.32 0.00	35.41 1.30 0.00	35.53 1.30 0.00	41.98 1.45 -3.33	68.79 2.21 -12.72	80.29 2.84 -9.88	71.55 1.86 -3.23	54.24 1.05 -5.64	49.88 0.84 -4.69	43.03 0.69 -1.92	40.45 0.28 0.18	39.36 0.20 0.42	39.54 0.47 0.41	42.92 0.54 -0.86	53.44 1.21 -5.79	84.60 1.95 -19.85	97.98 2.59 -27.32	67.85 1.91 0.00	55.01 1.65 0.00	48.49 1.41 0.00	41.61 1.29 0.00	39.47 1.30 0.00
RAMAPO___LBMP 323565	40.28 2.28 0.00	37.68 2.07 0.00	36.73 1.98 0.00	36.06 1.94 0.00	36.15 1.92 0.00	39.36 2.16 0.00	56.95 3.07 -0.01	72.98 4.53 -0.88	69.42 3.32 0.37	49.94 2.24 -0.14	46.78 2.26 -0.17	43.70 2.43 -0.86	43.74 2.18 -1.22	44.65 2.18 -2.89	44.59 2.29 -2.82	46.45 2.41 -2.52	51.70 2.79 -2.47	66.85 3.77 -0.28	85.09 4.15 -12.86	69.83 3.89 0.00	56.56 3.20 0.00	49.90 2.82 0.00	42.66 2.34 0.00	40.35 2.18 0.00
RANKINE____ 23646	37.28 -0.72 0.00	34.91 -0.71 0.00	34.09 -0.66 0.00	33.19 -0.92 0.00	33.34 -0.89 0.00	35.90 -1.30 0.00	51.44 -2.42 0.00	63.31 -4.26 0.00	58.05 -3.85 4.56	45.75 -1.81 0.00	42.04 -2.31 0.00	39.36 -1.09 -0.03	39.09 -1.29 -0.04	38.45 -1.23 -0.09	38.07 -1.50 -0.09	39.69 -1.91 -0.08	43.41 -3.11 -0.08	57.98 -4.84 -0.01	63.18 -5.31 -0.42	61.52 -4.42 0.00	49.94 -3.41 0.00	44.58 -2.50 0.00	38.18 -2.14 0.00	36.38 -1.79 0.00
RAVENSWOOD_GT2_1 24244	40.66 2.66 0.00	38.00 2.39 0.00	37.04 2.29 0.00	36.37 2.25 0.00	36.42 2.19 0.00	39.70 2.49 0.00	57.28 3.39 -0.02	74.40 4.93 -1.90	71.11 4.05 -0.59	50.76 2.85 -0.35	47.69 2.93 -0.42	44.57 3.03 -1.11	44.61 2.74 -1.52	45.84 2.77 -3.49	45.69 2.88 -3.33	47.62 3.03 -3.07	52.82 3.48 -2.90	67.72 4.58 -0.33	87.92 4.90 -14.95	70.56 4.62 -0.01	57.15 3.79 -0.01	50.38 3.30 -0.01	43.11 2.78 -0.01	40.77 2.60 0.00
RAVENSWOOD_GT2_2 24245	40.66 2.66 0.00	38.00 2.39 0.00	37.04 2.29 0.00	36.37 2.25 0.00	36.42 2.19 0.00	39.70 2.49 0.00	57.28 3.39 -0.02	74.40 4.93 -1.90	71.11 4.05 -0.59	50.76 2.85 -0.35	47.69 2.93 -0.42	44.57 3.03 -1.11	44.61 2.74 -1.52	45.84 2.77 -3.49	45.69 2.88 -3.33	47.62 3.03 -3.07	52.82 3.48 -2.90	67.72 4.58 -0.33	87.92 4.90 -14.95	70.56 4.62 -0.01	57.15 3.79 -0.01	50.38 3.30 -0.01	43.11 2.78 -0.01	40.77 2.60 0.00

RAVENSWOOD_GT2_3 24246	40.66 2.66 0.00	38.04 2.42 0.00	37.04 2.29 0.00	36.37 2.25 0.00	36.42 2.19 0.00	39.70 2.49 0.00	57.28 3.39 -0.02	74.47 5.00 -1.90	71.17 4.12 -0.59	50.76 2.85 -0.35	47.69 2.93 -0.42	44.61 3.07 -1.11	44.65 2.78 -1.52	45.84 2.77 -3.49	45.73 2.92 -3.33	47.66 3.07 -3.07	52.82 3.48 -2.90	67.78 4.65 -0.33	87.99 4.97 -14.95	70.56 4.62 -0.01	57.15 3.79 -0.01	50.38 3.30 -0.01	43.15 2.82 -0.01	40.77 2.60 0.00
RAVENSWOOD_GT2_4 24247	40.66 2.66 0.00	38.04 2.42 0.00	37.04 2.29 0.00	36.37 2.25 0.00	36.42 2.19 0.00	39.70 2.49 0.00	57.28 3.39 -0.02	74.47 5.00 -1.90	71.17 4.12 -0.59	50.76 2.85 -0.35	47.69 2.93 -0.42	44.61 3.07 -1.11	44.65 2.78 -1.52	45.84 2.77 -3.49	45.73 2.92 -3.33	47.66 3.07 -3.07	52.82 3.48 -2.90	67.78 4.65 -0.33	87.99 4.97 -14.95	70.56 4.62 -0.01	57.15 3.79 -0.01	50.38 3.30 -0.01	43.15 2.82 -0.01	40.77 2.60 0.00
RAVENSWOOD_GT3_1 24248	40.66 2.66 0.00	38.00 2.39 0.00	37.04 2.29 0.00	36.37 2.25 0.00	36.42 2.19 0.00	39.70 2.49 0.00	57.28 3.39 -0.02	74.40 4.93 -1.90	71.17 4.12 -0.59	50.76 2.85 -0.35	47.69 2.93 -0.42	44.57 3.03 -1.11	44.61 2.74 -1.52	45.84 2.77 -3.49	45.73 2.92 -3.33	47.62 3.03 -3.07	52.82 3.48 -2.90	67.72 4.58 -0.33	87.92 4.90 -14.95	70.56 4.62 -0.01	57.15 3.79 -0.01	50.38 3.30 -0.01	43.11 2.78 -0.01	40.77 2.60 0.00
RAVENSWOOD_GT3_2 24249	40.66 2.66 0.00	38.00 2.39 0.00	37.04 2.29 0.00	36.37 2.25 0.00	36.42 2.19 0.00	39.70 2.49 0.00	57.28 3.39 -0.02	74.40 4.93 -1.90	71.17 4.12 -0.59	50.76 2.85 -0.35	47.69 2.93 -0.42	44.57 3.03 -1.11	44.61 2.74 -1.52	45.84 2.77 -3.49	45.73 2.92 -3.33	47.62 3.03 -3.07	52.82 3.48 -2.90	67.72 4.58 -0.33	87.92 4.90 -14.95	70.56 4.62 -0.01	57.15 3.79 -0.01	50.38 3.30 -0.01	43.11 2.78 -0.01	40.77 2.60 0.00
RAVENSWOOD_GT3_3 24250	40.70 2.70 0.00	38.08 2.46 0.00	37.07 2.33 0.00	36.40 2.29 0.00	36.46 2.23 0.00	39.74 2.53 0.00	57.33 3.45 -0.02	74.47 5.00 -1.90	71.24 4.19 -0.59	50.81 2.90 -0.35	47.73 2.97 -0.42	44.65 3.11 -1.11	44.69 2.82 -1.52	45.88 2.81 -3.49	45.77 2.96 -3.33	47.70 3.11 -3.07	52.87 3.53 -2.90	67.85 4.71 -0.33	88.06 5.04 -14.95	70.63 4.68 -0.01	57.21 3.84 -0.01	50.42 3.34 -0.01	43.15 2.82 -0.01	40.80 2.63 0.00
RAVENSWOOD_GT3_4 24251	40.70 2.70 0.00	38.08 2.46 0.00	37.07 2.33 0.00	36.40 2.29 0.00	36.46 2.23 0.00	39.74 2.53 0.00	57.33 3.45 -0.02	74.47 5.00 -1.90	71.24 4.19 -0.59	50.81 2.90 -0.35	47.73 2.97 -0.42	44.65 3.11 -1.11	44.69 2.82 -1.52	45.88 2.81 -3.49	45.77 2.96 -3.33	47.70 3.11 -3.07	52.87 3.53 -2.90	67.85 4.71 -0.33	88.06 5.04 -14.95	70.63 4.68 -0.01	57.21 3.84 -0.01	50.42 3.34 -0.01	43.15 2.82 -0.01	40.80 2.63 0.00
RAVENSWOOD_GT_1 23729	40.86 2.85 -0.01	38.23 2.60 -0.01	37.22 2.47 -0.01	36.55 2.42 -0.01	36.61 2.36 -0.01	39.85 2.64 0.00	57.17 3.29 -0.02	74.15 4.66 -1.92	70.99 3.92 -0.61	50.67 2.76 -0.35	47.69 2.93 -0.42	44.61 3.07 -1.11	44.65 2.78 -1.53	45.85 2.77 -3.49	45.77 2.96 -3.33	47.62 3.03 -3.07	52.87 3.53 -2.90	67.78 4.65 -0.33	87.92 4.90 -14.95	70.50 4.55 -0.01	57.10 3.74 -0.01	50.38 3.30 -0.01	43.31 2.98 -0.01	40.97 2.79 -0.01
RAVENSWOOD_GT_10 24258	40.66 2.66 0.00	38.00 2.39 0.00	37.04 2.29 0.00	36.37 2.25 0.00	36.42 2.19 0.00	39.70 2.49 0.00	57.28 3.39 -0.02	74.40 4.93 -1.90	71.17 4.12 -0.59	50.76 2.85 -0.35	47.69 2.93 -0.42	44.57 3.03 -1.11	44.65 2.78 -1.52	45.84 2.77 -3.49	45.73 2.92 -3.33	47.62 3.03 -3.07	52.82 3.48 -2.90	67.72 4.58 -0.33	87.99 4.97 -14.95	70.56 4.62 -0.01	57.15 3.79 -0.01	50.38 3.30 -0.01	43.11 2.78 -0.01	40.77 2.60 0.00
RAVENSWOOD_GT_11 24259	40.66 2.66 0.00	38.00 2.39 0.00	37.04 2.29 0.00	36.37 2.25 0.00	36.42 2.19 0.00	39.70 2.49 0.00	57.28 3.39 -0.02	74.40 4.93 -1.90	71.17 4.12 -0.59	50.76 2.85 -0.35	47.69 2.93 -0.42	44.57 3.03 -1.11	44.65 2.78 -1.52	45.84 2.77 -3.49	45.73 2.92 -3.33	47.62 3.03 -3.07	52.82 3.48 -2.90	67.72 4.58 -0.33	87.99 4.97 -14.95	70.56 4.62 -0.01	57.15 3.79 -0.01	50.38 3.30 -0.01	43.11 2.78 -0.01	40.77 2.60 0.00
RAVENSWOOD_GT_4 24252	40.71 2.70 -0.01	38.08 2.46 -0.01	37.08 2.33 -0.01	36.41 2.29 -0.01	36.47 2.23 -0.01	39.74 2.53 0.00	57.23 3.34 -0.02	74.25 4.80 -1.88	71.03 3.99 -0.57	50.71 2.81 -0.34	47.64 2.88 -0.41	44.57 3.03 -1.11	44.61 2.74 -1.52	45.80 2.73 -3.49	45.73 2.92 -3.33	47.62 3.03 -3.07	52.78 3.44 -2.90	67.72 4.58 -0.33	87.92 4.90 -14.95	70.50 4.55 -0.01	57.10 3.74 -0.01	50.38 3.30 -0.01	43.15 2.82 -0.01	40.81 2.63 -0.01
RAVENSWOOD_GT_5 24254	40.71 2.70 -0.01	38.08 2.46 -0.01	37.08 2.33 -0.01	36.41 2.29 -0.01	36.47 2.23 -0.01	39.74 2.53 0.00	57.23 3.34 -0.02	74.25 4.80 -1.88	71.03 3.99 -0.57	50.71 2.81 -0.34	47.64 2.88 -0.41	44.57 3.03 -1.11	44.61 2.74 -1.52	45.80 2.73 -3.49	45.73 2.92 -3.33	47.62 3.03 -3.07	52.78 3.44 -2.90	67.72 4.58 -0.33	87.92 4.90 -14.95	70.50 4.55 -0.01	57.10 3.74 -0.01	50.38 3.30 -0.01	43.15 2.82 -0.01	40.81 2.63 -0.01
RAVENSWOOD_GT_6 24253	40.71 2.70 -0.01	38.08 2.46 -0.01	37.08 2.33 -0.01	36.41 2.29 -0.01	36.47 2.23 -0.01	39.74 2.53 0.00	57.23 3.34 -0.02	74.25 4.80 -1.88	71.03 3.99 -0.57	50.71 2.81 -0.34	47.64 2.88 -0.41	44.57 3.03 -1.11	44.61 2.74 -1.52	45.80 2.73 -3.49	45.73 2.92 -3.33	47.62 3.03 -3.07	52.78 3.44 -2.90	67.72 4.58 -0.33	87.92 4.90 -14.95	70.50 4.55 -0.01	57.10 3.74 -0.01	50.38 3.30 -0.01	43.15 2.82 -0.01	40.81 2.63 -0.01
RAVENSWOOD_GT_7 24255	40.71 2.70 -0.01	38.08 2.46 -0.01	37.08 2.33 -0.01	36.41 2.29 -0.01	36.47 2.23 -0.01	39.74 2.53 0.00	57.23 3.34 -0.02	74.25 4.80 -1.88	71.03 3.99 -0.57	50.71 2.81 -0.34	47.64 2.88 -0.41	44.57 3.03 -1.11	44.61 2.74 -1.52	45.80 2.73 -3.49	45.73 2.92 -3.33	47.62 3.03 -3.07	52.78 3.44 -2.90	67.72 4.58 -0.33	87.92 4.90 -14.95	70.50 4.55 -0.01	57.10 3.74 -0.01	50.38 3.30 -0.01	43.15 2.82 -0.01	40.81 2.63 -0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	40.66 2.66 0.00	38.00 2.39 0.00	37.04 2.29 0.00	36.37 2.25 0.00	36.42 2.19 0.00	39.70 2.49 0.00	57.28 3.39 -0.02	74.40 4.93 -1.90	71.17 4.12 -0.59	50.76 2.85 -0.35	47.69 2.93 -0.42	44.57 3.03 -1.11	44.65 2.78 -1.52	45.84 2.77 -3.49	45.73 2.92 -3.33	47.62 3.03 -3.07	52.82 3.48 -2.90	67.72 4.58 -0.33	87.99 4.97 -14.95	70.56 4.62 -0.01	57.15 3.79 -0.01	50.38 3.30 -0.01	43.11 2.78 -0.01	40.77 2.60 0.00
RAVENSWOOD_GT_9 24257	40.66 2.66 0.00	38.00 2.39 0.00	37.04 2.29 0.00	36.37 2.25 0.00	36.42 2.19 0.00	39.70 2.49 0.00	57.28 3.39 -0.02	74.40 4.93 -1.90	71.17 4.12 -0.59	50.76 2.85 -0.35	47.69 2.93 -0.42	44.57 3.03 -1.11	44.65 2.78 -1.52	45.84 2.77 -3.49	45.73 2.92 -3.33	47.62 3.03 -3.07	52.82 3.48 -2.90	67.72 4.58 -0.33	87.99 4.97 -14.95	70.56 4.62 -0.01	57.15 3.79 -0.01	50.38 3.30 -0.01	43.11 2.78 -0.01	40.77 2.60 0.00

RAVENSWOOD___1 23533	40.82 2.81 -0.01	38.19 2.57 -0.01	37.22 2.47 -0.01	36.51 2.39 -0.01	36.60 2.36 -0.01	39.85 2.64 0.00	57.06 3.18 -0.02	73.93 4.46 -1.90	70.58 3.72 -0.39	50.66 2.76 -0.35	47.51 2.75 -0.42	44.53 2.99 -1.11	44.61 2.74 -1.52	45.76 2.69 -3.49	45.61 2.80 -3.33	47.58 2.99 -3.07	52.73 3.39 -2.90	67.60 4.46 -0.33	87.79 4.76 -14.95	74.25 4.49 -3.82	56.99 3.63 -0.01	50.38 3.29 -0.01	43.27 2.94 -0.01	40.93 2.75 -0.01
RAVENSWOOD___2 23534	40.75 2.74 -0.01	38.12 2.49 -0.01	37.12 2.36 -0.01	36.44 2.32 -0.01	36.50 2.26 -0.01	39.77 2.57 0.00	56.69 2.80 -0.02	73.52 4.05 -1.90	70.11 3.26 -0.39	50.52 2.61 -0.35	47.42 2.66 -0.42	44.45 2.91 -1.11	44.53 2.66 -1.52	45.68 2.61 -3.49	45.53 2.72 -3.33	47.49 2.91 -3.07	52.45 3.11 -2.90	67.22 4.08 -0.33	87.38 4.36 -14.95	73.85 4.09 -3.82	56.67 3.31 -0.01	50.28 3.20 -0.01	43.19 2.86 -0.01	40.85 2.67 -0.01
RAVENSWOOD___3 23535	40.66 2.66 0.00	38.00 2.39 0.00	37.04 2.29 0.00	36.37 2.25 0.00	36.43 2.19 0.00	39.74 2.53 0.00	57.17 3.29 -0.02	74.27 4.80 -1.90	70.85 3.99 -0.39	50.76 2.85 -0.35	47.56 2.80 -0.42	44.57 3.03 -1.11	44.61 2.74 -1.52	45.80 2.73 -3.49	45.65 2.84 -3.33	47.58 2.99 -3.07	52.73 3.39 -2.90	67.60 4.46 -0.33	87.86 4.83 -14.95	74.31 4.55 -3.82	57.04 3.68 -0.01	50.38 3.29 -0.01	43.11 2.78 -0.01	40.77 2.60 0.00
RAVENSWOOD___4 23820	40.82 2.81 -0.01	38.15 2.53 -0.01	37.18 2.43 -0.01	36.51 2.39 -0.01	36.57 2.33 -0.01	39.85 2.64 0.00	57.01 3.12 -0.02	73.84 4.39 -1.89	70.50 3.65 -0.38	50.61 2.71 -0.34	47.46 2.71 -0.41	44.52 2.99 -1.11	44.57 2.70 -1.52	45.72 2.65 -3.49	45.57 2.76 -3.33	47.53 2.95 -3.07	52.68 3.35 -2.90	67.53 4.39 -0.33	87.79 4.76 -14.95	74.25 4.49 -3.82	56.99 3.63 -0.01	50.38 3.29 -0.01	43.27 2.94 -0.01	40.89 2.71 -0.01
RCPL_TRUST___DRP 24196	40.66 2.66 0.00	38.00 2.39 0.00	37.04 2.29 0.00	36.37 2.25 0.00	36.42 2.19 0.00	39.70 2.49 0.00	57.33 3.45 -0.02	74.34 5.14 -1.64	71.14 4.32 -0.36	50.85 3.00 -0.30	47.76 3.06 -0.36	44.66 3.15 -1.08	44.70 2.86 -1.49	45.93 2.89 -3.46	45.80 3.00 -3.32	47.71 3.16 -3.03	52.91 3.58 -2.89	67.84 4.71 -0.33	88.07 5.04 -14.95	70.63 4.68 0.00	57.20 3.84 0.00	50.42 3.34 0.00	43.11 2.78 0.00	40.77 2.60 0.00
RED___ROCHESTER 323720	37.77 -0.23 0.00	35.41 -0.21 0.00	34.50 -0.24 0.00	33.74 -0.37 0.00	33.96 -0.28 0.00	36.65 -0.56 0.00	53.16 -0.70 0.00	66.22 -1.35 0.00	58.31 -1.46 6.69	46.99 -0.57 0.00	44.04 -0.31 0.00	40.67 0.24 0.00	40.46 0.12 0.00	39.78 0.20 0.00	39.44 -0.04 0.00	41.35 -0.17 0.00	45.79 -0.65 0.00	61.55 -1.26 0.00	66.51 -1.56 0.00	64.49 -1.45 0.00	52.13 -1.23 0.00	46.23 -0.85 0.00	39.51 -0.81 0.00	37.52 -0.65 0.00
REGAN___SOLAR 323812	39.22 1.22 0.00	36.72 1.11 0.00	35.89 1.14 0.00	35.24 1.12 0.00	35.36 1.13 0.00	39.36 1.41 -0.74	58.92 2.21 -2.84	72.63 2.84 -2.22	67.38 1.20 0.28	48.79 -0.05 -1.28	44.83 -0.58 -1.06	40.03 -0.77 -0.37	39.08 -1.13 0.14	38.07 -1.19 0.32	38.33 -0.83 0.32	41.02 -0.50 0.00	47.94 0.33 -1.17	68.97 1.50 -4.66	75.84 2.38 -5.38	70.81 1.84 -3.03	57.83 1.60 -2.87	49.28 1.46 -0.74	41.66 1.25 -0.08	39.39 1.22 0.00
RENSSELAER___COGEN 23796	38.23 0.23 0.00	35.83 0.22 0.00	34.89 0.14 0.00	34.29 0.17 0.00	34.41 0.17 0.00	33.09 0.41 4.53	36.81 0.27 17.32	54.24 0.27 13.60	59.71 -0.26 6.49	39.75 -0.24 7.57	37.80 -0.22 6.32	37.48 -0.08 2.86	39.70 -0.44 0.20	38.68 -0.43 0.47	38.79 -0.24 0.46	39.31 -0.17 2.04	37.98 0.00 8.46	37.00 0.32 26.12	28.31 0.27 40.04	46.94 0.13 19.14	37.80 0.16 15.72	43.26 0.24 4.05	40.10 0.24 0.46	38.55 0.38 0.00
REPUBLIC_115KV_BARTNBRK 55605	40.93 2.93 0.00	38.43 2.81 0.00	37.56 2.81 0.00	36.84 2.73 0.00	37.01 2.77 0.00	43.81 3.13 -3.47	71.89 4.74 -13.29	83.84 5.95 -10.33	74.46 4.59 -3.41	56.30 2.85 -5.89	51.60 2.35 -4.90	44.41 1.98 -2.01	41.62 1.45 0.18	40.47 1.31 0.42	40.69 1.62 0.41	44.21 1.79 -0.91	55.43 2.93 -6.06	87.93 4.40 -20.73	102.25 5.58 -28.59	70.49 4.55 0.00	57.15 3.79 0.00	50.28 3.20 0.00	43.18 2.86 0.00	41.03 2.86 0.00
REVERE_CPPR_DRP 24186	39.03 1.03 0.00	36.76 1.14 0.00	35.86 1.11 0.00	35.04 0.92 0.00	35.23 0.99 0.00	38.32 1.12 0.00	55.96 2.10 0.00	70.41 2.84 0.00	67.04 2.53 1.95	49.13 1.57 0.00	45.76 1.42 0.00	41.63 1.21 0.00	41.51 1.17 0.00	40.65 1.07 0.00	40.35 0.87 0.00	42.43 0.91 0.00	47.51 1.07 0.00	64.37 1.57 0.00	70.25 2.18 0.00	67.92 1.98 0.00	54.85 1.49 0.00	48.63 1.55 0.00	41.45 1.13 0.00	39.05 0.88 0.00
REYNLDPA_13_KV_LD 356490	38.34 0.34 0.00	35.97 0.36 0.00	35.02 0.28 0.00	34.46 0.34 0.00	34.58 0.34 0.00	37.58 0.37 0.00	54.51 0.65 0.00	68.38 0.81 0.00	67.39 0.93 0.00	48.17 0.62 0.00	44.92 0.57 0.00	40.71 0.28 0.00	40.86 0.52 0.00	40.06 0.48 0.00	39.79 0.31 0.00	41.81 0.29 0.00	46.81 0.37 0.00	63.25 0.44 0.00	68.42 0.34 0.00	66.34 0.40 0.00	53.57 0.21 0.00	47.08 0.00 0.00	40.32 0.00 0.00	38.21 0.04 0.00
REYNOLDS_115KV_TB3 80639	38.61 0.61 0.00	36.19 0.57 0.00	35.30 0.56 0.00	34.63 0.51 0.00	34.78 0.55 0.00	32.29 0.71 5.62	33.28 0.92 21.50	51.65 0.95 16.87	59.18 0.40 7.68	38.35 0.19 9.39	36.72 0.22 7.84	37.22 0.32 3.52	40.02 -0.12 0.20	39.07 -0.04 0.48	39.17 0.16 0.46	39.29 0.21 2.44	36.41 0.56 10.59	30.68 0.88 33.00	19.62 1.09 49.55	66.73 0.79 0.00	54.10 0.75 0.00	47.78 0.71 0.00	40.96 0.65 0.00	38.86 0.69 0.00
RIVERBAY____ 323610	41.24 3.23 -0.01	38.65 3.03 -0.01	37.64 2.88 -0.01	36.95 2.83 -0.01	37.01 2.77 -0.01	40.22 3.01 0.00	57.50 3.61 -0.02	73.88 5.07 -1.24	70.73 4.25 -0.01	50.78 3.00 -0.22	47.72 3.10 -0.27	44.69 3.23 -1.04	44.74 2.94 -1.45	45.91 2.93 -3.40	45.90 3.12 -3.30	47.73 3.24 -2.97	53.06 3.72 -2.90	68.04 4.90 -0.33	88.26 5.24 -14.95	70.82 4.88 -0.01	57.37 4.00 -0.01	50.61 3.53 -0.01	43.67 3.35 -0.01	41.23 3.05 -0.01
RIVERSDE_115KV_TB3 55908	38.34 0.34 0.00	35.90 0.28 0.00	35.02 0.28 0.00	34.39 0.27 0.00	34.51 0.27 0.00	32.67 0.48 5.02	35.21 0.54 19.19	53.05 0.54 15.06	59.52 0.00 6.95	39.08 -0.10 8.38	37.30 -0.04 7.00	37.30 0.04 3.16	39.78 -0.36 0.20	38.83 -0.28 0.47	38.94 -0.08 0.46	39.26 -0.04 2.22	37.18 0.23 9.49	33.85 0.50 29.45	24.30 0.61 44.39	66.20 0.26 0.00	53.68 0.32 0.00	47.41 0.33 0.00	40.64 0.32 0.00	38.59 0.42 0.00
ROARING___BROOK_WT_PWR 323790	37.77 -0.23 0.00	35.44 -0.18 0.00	34.54 -0.21 0.00	33.91 -0.20 0.00	34.00 -0.24 0.00	36.95 -0.26 0.00	53.43 -0.43 0.00	67.10 -0.47 0.00	65.93 -0.53 0.00	47.13 -0.43 0.00	43.77 -0.58 0.00	39.73 -0.69 0.00	39.66 -0.69 0.00	38.83 -0.75 0.00	38.69 -0.79 0.00	40.73 -0.79 0.00	45.61 -0.83 0.00	61.74 -1.07 0.00	66.92 -1.16 0.00	64.75 -1.19 0.00	52.29 -1.07 0.00	46.04 -1.04 0.00	39.39 -0.93 0.00	37.29 -0.88 0.00

ROCHESRG_115KV_T4 355643	37.47 -0.53 0.00	35.12 -0.50 0.00	34.23 -0.52 0.00	33.50 -0.61 0.00	33.69 -0.55 0.00	36.35 -0.86 0.00	52.57 -1.29 0.00	65.61 -1.96 0.00	59.68 -2.06 4.72	46.65 -0.90 0.00	43.55 -0.80 0.00	40.16 -0.28 -0.02	40.01 -0.36 -0.03	39.37 -0.28 -0.07	39.08 -0.47 -0.07	40.96 -0.62 -0.06	45.34 -1.16 -0.06	60.86 -1.95 -0.01	65.69 -2.38 0.00	63.90 -2.04 0.00	51.81 -1.55 0.00	45.95 -1.13 0.00	39.15 -1.17 0.00	37.18 -0.99 0.00
ROCHESTER_9_IC 23652	37.62 -0.38 0.00	35.26 -0.36 0.00	34.40 -0.35 0.00	33.64 -0.48 0.00	33.82 -0.41 0.00	36.54 -0.67 0.00	52.89 -0.97 0.00	66.01 -1.55 0.00	60.10 -1.66 4.70	46.94 -0.62 0.00	43.81 -0.53 0.00	40.44 0.00 -0.02	40.25 -0.12 -0.03	39.65 0.00 -0.07	39.35 -0.20 -0.07	41.25 -0.33 -0.06	45.62 -0.88 -0.06	61.30 -1.51 -0.01	66.17 -1.91 0.00	64.29 -1.65 0.00	52.08 -1.28 0.00	46.18 -0.89 0.00	39.35 -0.97 0.00	37.37 -0.80 0.00
ROCKVIEW_13_KV_LD 356306	40.58 2.58 0.00	37.97 2.35 0.00	36.97 2.22 0.00	36.30 2.18 0.00	36.39 2.16 0.00	39.63 2.42 0.00	57.31 3.45 0.00	72.33 5.00 0.24	69.31 4.12 1.28	50.34 2.85 0.07	47.14 2.88 0.08	44.26 2.99 -0.84	44.36 2.74 -1.27	45.50 2.73 -3.18	45.52 2.84 -3.20	47.24 2.99 -2.74	52.67 3.39 -2.84	67.64 4.52 -0.31	87.85 4.83 -14.94	70.42 4.48 0.00	57.04 3.68 0.00	50.32 3.25 0.00	42.98 2.66 0.00	40.69 2.52 0.00
ROME____115KV_TB2 80656	39.03 1.03 0.00	36.76 1.14 0.00	35.86 1.11 0.00	35.04 0.92 0.00	35.23 0.99 0.00	38.32 1.12 0.00	55.96 2.10 0.00	70.41 2.84 0.00	67.04 2.53 1.95	49.13 1.57 0.00	45.76 1.42 0.00	41.63 1.21 0.00	41.51 1.17 0.00	40.65 1.07 0.00	40.35 0.87 0.00	42.43 0.91 0.00	47.51 1.07 0.00	64.37 1.57 0.00	70.25 2.18 0.00	67.92 1.98 0.00	54.85 1.49 0.00	48.63 1.55 0.00	41.45 1.13 0.00	39.05 0.88 0.00
ROSETON___1 23587	39.79 1.79 0.00	37.26 1.64 0.00	36.31 1.57 0.00	35.68 1.57 0.00	35.74 1.50 0.00	38.92 1.71 0.00	55.96 2.10 0.00	70.50 3.24 0.31	67.47 2.46 1.45	49.24 1.76 0.08	45.98 1.73 0.09	42.07 1.94 0.29	41.63 1.69 0.41	40.30 1.66 0.94	40.39 1.82 0.91	42.60 1.91 0.83	47.79 2.14 0.79	65.54 2.83 0.09	67.03 3.07 4.11	67.72 2.83 1.05	55.70 2.35 0.00	49.24 2.17 0.00	42.21 1.90 0.00	39.93 1.76 0.00
ROSETON___2 23588	39.79 1.79 0.00	37.26 1.64 0.00	36.31 1.57 0.00	35.68 1.57 0.00	35.74 1.50 0.00	38.92 1.71 0.00	55.96 2.10 0.00	70.50 3.24 0.31	67.47 2.46 1.45	49.24 1.76 0.08	45.98 1.73 0.09	42.07 1.94 0.29	41.63 1.69 0.41	40.30 1.66 0.94	40.39 1.82 0.91	42.60 1.91 0.83	47.79 2.14 0.79	65.54 2.83 0.09	67.03 3.07 4.11	67.72 2.83 1.05	55.70 2.35 0.00	49.24 2.17 0.00	42.21 1.90 0.00	39.93 1.76 0.00
ROTRDAM_115KV_TB3 80664	38.99 0.99 0.00	36.54 0.93 0.00	35.65 0.90 0.00	35.04 0.92 0.00	35.16 0.92 0.00	39.10 1.04 -0.85	58.58 1.45 -3.26	71.95 1.89 -2.49	68.00 1.33 -0.21	49.84 0.81 -1.47	46.27 0.71 -1.22	41.53 0.69 -0.42	40.61 0.44 0.17	39.61 0.44 0.41	39.67 0.59 0.40	42.15 0.66 0.03	48.69 0.98 -1.27	69.51 1.51 -5.20	75.86 1.77 -6.01	67.39 1.45 0.00	54.64 1.28 0.00	48.21 1.13 0.00	41.33 1.01 0.00	39.16 0.99 0.00
RUSSELL___1 23602	37.77 -0.23 0.00	35.40 -0.21 0.00	34.50 -0.24 0.00	33.74 -0.38 0.00	33.96 -0.27 0.00	36.65 -0.56 0.00	53.11 -0.75 0.00	66.35 -1.22 0.00	60.44 -1.33 4.70	47.18 -0.38 0.00	44.03 -0.31 0.00	40.64 0.20 -0.02	40.49 0.12 -0.03	39.89 0.24 -0.07	39.55 0.00 -0.07	41.46 -0.12 -0.06	45.90 -0.60 -0.06	61.68 -1.13 -0.01	66.58 -1.50 0.00	64.62 -1.32 0.00	52.34 -1.01 0.00	46.42 -0.66 0.00	39.51 -0.81 0.00	37.52 -0.65 0.00
RUSSELL___2 23532	37.77 -0.23 0.00	35.40 -0.21 0.00	34.50 -0.24 0.00	33.74 -0.38 0.00	33.96 -0.27 0.00	36.65 -0.56 0.00	53.11 -0.75 0.00	66.35 -1.22 0.00	60.44 -1.33 4.70	47.18 -0.38 0.00	44.03 -0.31 0.00	40.64 0.20 -0.02	40.49 0.12 -0.03	39.89 0.24 -0.07	39.55 0.00 -0.07	41.46 -0.12 -0.06	45.90 -0.60 -0.06	61.68 -1.13 -0.01	66.58 -1.50 0.00	64.62 -1.32 0.00	52.34 -1.01 0.00	46.42 -0.66 0.00	39.51 -0.81 0.00	37.52 -0.65 0.00
RUSSELL___3 23549	37.77 -0.23 0.00	35.40 -0.21 0.00	34.50 -0.24 0.00	33.74 -0.38 0.00	33.96 -0.27 0.00	36.65 -0.56 0.00	53.11 -0.75 0.00	66.35 -1.22 0.00	60.44 -1.33 4.70	47.18 -0.38 0.00	44.03 -0.31 0.00	40.64 0.20 -0.02	40.49 0.12 -0.03	39.89 0.24 -0.07	39.55 0.00 -0.07	41.46 -0.12 -0.06	45.90 -0.60 -0.06	61.68 -1.13 -0.01	66.58 -1.50 0.00	64.62 -1.32 0.00	52.34 -1.01 0.00	46.42 -0.66 0.00	39.51 -0.81 0.00	37.52 -0.65 0.00
RUSSELL___4 23556	37.77 -0.23 0.00	35.40 -0.21 0.00	34.50 -0.24 0.00	33.74 -0.38 0.00	33.96 -0.27 0.00	36.65 -0.56 0.00	53.11 -0.75 0.00	66.35 -1.22 0.00	60.44 -1.33 4.70	47.18 -0.38 0.00	44.03 -0.31 0.00	40.64 0.20 -0.02	40.49 0.12 -0.03	39.89 0.24 -0.07	39.55 0.00 -0.07	41.46 -0.12 -0.06	45.90 -0.60 -0.06	61.68 -1.13 -0.01	66.58 -1.50 0.00	64.62 -1.32 0.00	52.34 -1.01 0.00	46.42 -0.66 0.00	39.51 -0.81 0.00	37.52 -0.65 0.00
RUSSELL___STATION 23914	37.77 -0.23 0.00	35.40 -0.21 0.00	34.50 -0.24 0.00	33.74 -0.38 0.00	33.96 -0.27 0.00	36.65 -0.56 0.00	53.11 -0.75 0.00	66.35 -1.22 0.00	60.44 -1.33 4.70	47.18 -0.38 0.00	44.03 -0.31 0.00	40.64 0.20 -0.02	40.49 0.12 -0.03	39.89 0.24 -0.07	39.55 0.00 -0.07	41.46 -0.12 -0.06	45.90 -0.60 -0.06	61.68 -1.13 -0.01	66.58 -1.50 0.00	64.62 -1.32 0.00	52.34 -1.01 0.00	46.42 -0.66 0.00	39.51 -0.81 0.00	37.52 -0.65 0.00
S SALMON___HYD 24043	37.66 -0.34 0.00	35.42 -0.25 -0.05	34.58 -0.24 -0.08	33.91 -0.34 -0.14	33.93 -0.31 0.00	36.87 -0.34 0.00	53.49 -0.37 0.00	67.10 -0.47 0.00	65.85 -0.87 -0.25	47.47 -0.67 -0.58	44.40 -0.53 -0.59	40.16 -0.44 -0.18	39.98 -0.53 -0.17	39.29 -0.55 -0.27	38.81 -0.67 0.00	40.85 -0.67 0.00	45.56 -0.88 0.00	61.61 -1.20 0.00	67.12 -0.95 0.00	65.02 -0.92 0.00	52.50 -0.86 0.00	46.65 -0.42 0.00	39.92 -0.40 0.00	37.67 -0.50 0.00
S.PERRY__115KV_TB1 80734	38.80 0.80 0.00	36.33 0.71 0.00	35.34 0.59 0.00	34.56 0.44 0.00	34.75 0.51 0.00	37.58 0.37 0.00	54.89 1.02 0.00	68.62 1.01 -0.04	62.00 0.00 4.46	47.41 -0.14 0.00	43.90 -0.44 0.00	40.37 -0.08 -0.03	40.10 -0.28 -0.05	39.69 0.00 -0.11	39.51 -0.08 -0.11	41.45 -0.17 -0.10	46.03 -0.51 -0.10	62.31 -0.50 -0.01	68.30 -0.20 -0.43	65.87 -0.07 0.00	53.20 -0.16 0.00	47.12 0.05 0.00	40.12 -0.20 0.00	38.09 -0.08 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	37.13 -0.87 0.00	34.76 -0.85 0.00	33.91 -0.83 0.00	33.06 -1.06 0.00	33.24 -0.99 0.00	35.72 -1.49 0.00	51.06 -2.80 0.00	62.84 -4.73 0.00	57.62 -4.25 4.59	45.56 -2.00 0.00	41.91 -2.44 0.00	39.23 -1.21 -0.02	39.01 -1.37 -0.04	38.33 -1.35 -0.09	37.99 -1.58 -0.09	39.65 -1.95 -0.08	43.27 -3.25 -0.08	57.66 -5.15 -0.01	62.55 -5.92 -0.40	61.13 -4.81 0.00	49.68 -3.68 0.00	44.39 -2.68 0.00	38.02 -2.30 0.00	36.22 -1.95 0.00

SAWYER___23_KV_LOAD 55526	37.13 -0.87 0.00	34.76 -0.85 0.00	33.91 -0.83 0.00	33.06 -1.06 0.00	33.24 -0.99 0.00	35.72 -1.49 0.00	51.06 -2.80 0.00	62.84 -4.73 0.00	57.62 -4.25 4.59	45.56 -2.00 0.00	41.91 -2.44 0.00	39.23 -1.21 -0.02	39.01 -1.37 -0.04	38.33 -1.35 -0.09	37.99 -1.58 -0.09	39.65 -1.95 -0.08	43.27 -3.25 -0.08	57.66 -5.15 -0.01	62.55 -5.92 -0.40	61.13 -4.81 0.00	49.68 -3.68 0.00	44.39 -2.68 0.00	38.02 -2.30 0.00	36.22 -1.95 0.00
SELKIRK___I 23801	38.76 0.76 0.00	36.33 0.71 0.00	35.44 0.69 0.00	34.83 0.72 0.00	35.02 0.79 0.00	35.84 1.04 2.41	45.93 1.29 9.23	61.86 1.56 7.26	63.45 0.93 3.95	44.00 0.48 4.03	41.33 0.35 3.37	39.25 0.40 1.57	40.08 -0.08 0.18	39.08 -0.08 0.42	39.15 0.08 0.41	40.61 0.33 1.24	41.69 0.56 5.31	47.82 1.07 16.05	43.98 1.16 25.25	55.01 0.99 11.92	44.56 0.85 9.65	45.39 0.80 2.49	40.76 0.73 0.28	38.97 0.80 0.00
SELKIRK___II 23799	38.46 0.46 0.00	36.05 0.43 0.00	35.13 0.38 0.00	34.53 0.41 0.00	34.68 0.44 0.00	34.84 0.63 3.00	43.05 0.65 11.46	59.36 0.81 9.02	62.16 0.33 4.64	42.69 0.14 5.01	40.29 0.13 4.18	38.73 0.24 1.93	40.03 -0.12 0.19	39.05 -0.08 0.46	39.11 0.08 0.44	40.21 0.17 1.48	40.91 0.33 5.86	45.68 0.63 17.75	40.94 0.68 27.81	53.31 0.53 13.15	43.16 0.48 10.67	44.84 0.52 2.75	40.49 0.49 0.31	38.70 0.53 0.00
SENECA OSWGO___HYD 24041	37.24 -0.76 0.00	34.94 -0.75 -0.07	34.13 -0.73 -0.12	33.58 -0.75 -0.21	33.51 -0.72 0.00	36.42 -0.78 0.00	52.79 -1.08 0.00	66.08 -1.49 0.00	67.57 -1.86 -2.97	47.20 -1.24 -0.88	44.27 -0.98 -0.90	39.97 -0.73 -0.27	39.79 -0.81 -0.26	39.20 -0.79 -0.41	38.69 -0.79 0.00	40.65 -0.87 0.00	45.42 -1.02 0.00	61.36 -1.44 0.00	66.64 -1.43 0.00	64.49 -1.45 0.00	52.13 -1.23 0.00	46.04 -1.04 0.00	39.47 -0.85 0.00	37.33 -0.84 0.00
SENECA___115KV_TB3 355854	37.32 -0.68 0.00	34.94 -0.68 0.00	34.05 -0.69 0.00	33.23 -0.89 0.00	33.41 -0.82 0.00	35.90 -1.30 0.00	51.65 -2.21 0.00	63.11 -4.46 0.00	56.06 -3.99 6.41	45.47 -2.09 0.00	42.08 -2.26 0.00	39.47 -0.97 -0.02	39.20 -1.17 -0.03	38.44 -1.23 -0.08	38.06 -1.50 -0.08	39.64 -1.95 -0.07	43.45 -3.07 -0.07	57.91 -4.90 -0.01	63.14 -5.31 -0.38	61.50 -4.55 -0.11	49.62 -3.74 0.00	44.30 -2.78 0.00	38.22 -2.10 0.00	36.38 -1.79 0.00
SENECA___ENERGY 23797	37.85 -0.15 0.00	35.43 -0.21 -0.02	34.57 -0.21 -0.03	33.90 -0.27 -0.06	34.00 -0.24 0.00	36.91 -0.30 0.00	53.70 -0.16 0.00	67.10 -0.47 0.00	61.44 -0.93 4.09	47.20 -0.62 -0.26	44.11 -0.49 -0.26	40.40 -0.12 -0.10	40.16 -0.28 -0.10	39.53 -0.24 -0.19	39.28 -0.27 -0.07	41.21 -0.37 -0.06	45.85 -0.65 -0.06	61.93 -0.88 -0.01	67.73 -0.68 -0.33	65.30 -0.72 -0.08	52.61 -0.75 0.00	46.46 -0.61 0.00	39.84 -0.48 0.00	37.71 -0.46 0.00
SHOEMAKER___GT 23640	40.05 2.05 0.00	37.47 1.85 0.00	36.55 1.81 0.00	35.85 1.74 0.00	35.94 1.71 0.00	39.14 1.93 0.00	56.62 2.75 -0.01	72.22 3.92 -0.74	68.30 2.59 0.75	49.43 1.76 -0.11	46.17 1.68 -0.14	42.98 1.86 -0.70	42.95 1.62 -0.99	43.55 1.62 -2.35	43.46 1.70 -2.29	45.39 1.82 -2.04	50.59 2.14 -2.01	66.04 3.01 -0.23	81.86 3.33 -10.45	71.78 3.17 -2.67	55.97 2.61 0.00	49.43 2.35 0.00	42.26 1.94 0.00	39.97 1.79 0.00
SHOEMAKR_138KV_BK 111 55601	40.05 2.05 0.00	37.47 1.85 0.00	36.52 1.77 0.00	35.85 1.74 0.00	35.95 1.71 0.00	39.14 1.93 0.00	56.67 2.80 -0.01	72.35 4.05 -0.73	68.64 2.72 0.54	49.48 1.81 -0.11	46.30 1.82 -0.14	43.00 1.90 -0.68	43.01 1.69 -0.97	43.59 1.70 -2.30	43.50 1.78 -2.25	45.44 1.91 -2.01	50.64 2.23 -1.97	66.17 3.14 -0.22	81.80 3.47 -10.26	69.17 3.23 0.00	56.03 2.67 0.00	49.43 2.35 0.00	42.26 1.94 0.00	39.96 1.79 0.00
SHOREHAM_IC_1 23715	39.98 1.97 0.00	37.29 1.67 0.00	36.41 1.67 0.00	35.72 1.60 0.00	35.84 1.61 0.00	39.55 2.35 0.00	49.97 1.56 5.46	50.60 3.11 20.08	49.86 2.13 18.72	44.88 1.19 3.87	41.10 1.42 4.66	40.92 2.10 1.60	41.01 1.69 1.02	41.67 1.70 -0.39	43.43 1.97 -1.97	43.32 2.12 0.32	51.48 2.69 -2.35	66.49 3.51 -0.17	86.94 3.95 -14.92	73.37 3.62 -3.81	56.18 2.83 0.00	49.85 2.78 0.00	42.57 2.26 0.00	40.35 2.17 0.00
SHOREHAM_IC_2 23716	39.98 1.98 0.00	37.29 1.67 0.00	36.38 1.63 0.00	35.72 1.60 0.00	35.84 1.61 0.00	39.44 2.23 0.00	50.02 1.62 5.46	50.73 3.24 20.08	50.13 2.19 18.53	44.88 1.19 3.87	41.28 1.60 4.66	40.92 2.10 1.60	41.01 1.69 1.02	41.71 1.74 -0.39	43.47 2.01 -1.98	43.32 2.12 0.32	51.58 2.79 -2.35	66.62 3.64 -0.17	87.01 4.02 -14.92	69.69 3.76 0.00	56.23 2.88 0.00	49.76 2.68 0.00	42.53 2.22 0.00	40.35 2.18 0.00
SISSONVILLE____ 23735	38.65 0.65 0.00	36.37 0.75 -0.01	35.42 0.66 -0.01	34.78 0.65 -0.02	34.88 0.65 0.00	37.95 0.74 0.00	54.89 1.02 0.00	68.92 1.35 0.00	68.01 1.26 -0.29	48.40 0.76 -0.08	45.18 0.75 -0.09	40.89 0.44 -0.03	41.09 0.73 -0.02	40.17 0.55 -0.04	39.76 0.28 0.00	41.85 0.33 0.00	46.49 0.05 0.00	62.61 -0.19 0.00	68.01 -0.07 0.00	66.14 0.20 0.00	53.57 0.21 0.00	47.45 0.38 0.00	40.60 0.28 0.00	38.40 0.23 0.00
SITHE_IND_GS1 24169	36.78 -1.22 0.00	34.22 -1.14 0.26	33.23 -1.11 0.41	32.25 -1.12 0.74	33.11 -1.13 0.00	35.98 -1.23 0.00	52.14 -1.73 0.00	65.34 -2.23 0.00	15.75 -2.59 48.12	42.80 -1.76 3.00	39.71 -1.51 3.13	38.26 -1.21 0.95	38.12 -1.33 0.89	36.89 -1.27 1.42	38.21 -1.26 0.00	40.15 -1.37 0.00	44.82 -1.63 0.00	60.60 -2.20 0.00	65.69 -2.38 0.00	63.63 -2.31 0.00	51.44 -1.92 0.00	45.48 -1.60 0.00	38.95 -1.37 0.00	36.83 -1.34 0.00
SITHE_IND_GS2 24170	36.78 -1.22 0.00	34.22 -1.14 0.26	33.23 -1.11 0.41	32.25 -1.12 0.74	33.11 -1.13 0.00	35.98 -1.23 0.00	52.14 -1.73 0.00	65.34 -2.23 0.00	15.75 -2.59 48.12	42.80 -1.76 3.00	39.71 -1.51 3.13	38.26 -1.21 0.95	38.12 -1.33 0.89	36.89 -1.27 1.42	38.21 -1.26 0.00	40.15 -1.37 0.00	44.82 -1.63 0.00	60.60 -2.20 0.00	65.69 -2.38 0.00	63.63 -2.31 0.00	51.44 -1.92 0.00	45.48 -1.60 0.00	38.95 -1.37 0.00	36.83 -1.34 0.00
SITHE_IND_GS3 24171	36.78 -1.22 0.00	34.22 -1.14 0.26	33.23 -1.11 0.41	32.25 -1.12 0.74	33.11 -1.13 0.00	35.98 -1.23 0.00	52.14 -1.73 0.00	65.34 -2.23 0.00	15.75 -2.59 48.12	42.80 -1.76 3.00	39.71 -1.51 3.13	38.26 -1.21 0.95	38.12 -1.33 0.89	36.89 -1.27 1.42	38.21 -1.26 0.00	40.15 -1.37 0.00	44.82 -1.63 0.00	60.60 -2.20 0.00	65.69 -2.38 0.00	63.63 -2.31 0.00	51.44 -1.92 0.00	45.48 -1.60 0.00	38.95 -1.37 0.00	36.83 -1.34 0.00
SITHE_IND_GS4 24172	36.78 -1.22 0.00	34.22 -1.14 0.26	33.23 -1.11 0.41	32.25 -1.12 0.74	33.11 -1.13 0.00	35.98 -1.23 0.00	52.14 -1.73 0.00	65.34 -2.23 0.00	15.75 -2.59 48.12	42.80 -1.76 3.00	39.71 -1.51 3.13	38.26 -1.21 0.95	38.12 -1.33 0.89	36.89 -1.27 1.42	38.21 -1.26 0.00	40.15 -1.37 0.00	44.82 -1.63 0.00	60.60 -2.20 0.00	65.69 -2.38 0.00	63.63 -2.31 0.00	51.44 -1.92 0.00	45.48 -1.60 0.00	38.95 -1.37 0.00	36.83 -1.34 0.00

SITHE___BATAVIA 24024	37.77 -0.23 0.00	35.41 -0.21 0.00	34.50 -0.24 0.00	33.67 -0.44 0.00	33.93 -0.31 0.00	36.42 -0.78 0.00	52.63 -1.24 0.00	64.93 -2.64 0.00	57.45 -2.46 6.56	46.47 -1.09 0.00	43.19 -1.15 0.00	40.32 -0.12 -0.02	40.05 -0.32 -0.03	39.38 -0.28 -0.07	39.00 -0.55 -0.07	40.71 -0.87 -0.06	44.79 -1.72 -0.06	59.86 -2.95 -0.01	65.06 -3.33 -0.32	63.13 -2.90 -0.09	51.01 -2.35 0.00	45.43 -1.65 0.00	38.95 -1.37 0.00	37.10 -1.07 0.00
SITHE___INDEPEND 23800	36.78 -1.22 0.00	34.22 -1.14 0.26	33.23 -1.11 0.41	32.25 -1.13 0.74	33.10 -1.13 0.00	35.98 -1.23 0.00	52.14 -1.72 0.00	65.34 -2.23 0.00	17.67 -2.53 46.27	42.85 -1.71 3.00	39.75 -1.46 3.13	38.26 -1.21 0.95	38.16 -1.29 0.89	36.90 -1.27 1.42	38.22 -1.26 0.00	40.15 -1.37 0.00	44.86 -1.58 0.00	60.61 -2.20 0.00	65.76 -2.31 0.00	63.63 -2.31 0.00	51.49 -1.87 0.00	45.48 -1.60 0.00	38.95 -1.37 0.00	36.83 -1.34 0.00
SITHE___MASSENA 23902	38.38 0.38 0.00	36.01 0.39 0.00	35.06 0.31 0.00	34.49 0.38 0.00	34.61 0.38 0.00	37.62 0.41 0.00	54.62 0.75 0.00	68.44 0.88 0.00	67.39 0.93 0.00	48.17 0.62 0.00	44.96 0.62 0.00	40.71 0.28 0.00	40.91 0.56 0.00	40.06 0.48 0.00	39.79 0.31 0.00	41.85 0.33 0.00	46.81 0.37 0.00	63.25 0.44 0.00	68.42 0.34 0.00	66.40 0.46 0.00	53.63 0.27 0.00	47.12 0.05 0.00	40.36 0.04 0.00	38.25 0.08 0.00
SITHE___OGDNSBRG 24021	38.91 0.91 0.00	36.62 1.00 0.00	35.65 0.90 0.00	34.97 0.85 0.00	35.12 0.89 0.00	38.25 1.04 0.00	55.53 1.67 0.00	69.66 2.09 0.00	68.19 1.73 0.00	48.56 1.00 0.00	45.14 0.80 0.00	40.87 0.44 0.00	41.19 0.85 0.00	40.22 0.63 0.00	39.95 0.47 0.00	42.06 0.54 0.00	46.95 0.51 0.00	63.56 0.75 0.00	69.17 1.09 0.00	67.26 1.32 0.00	54.27 0.91 0.00	47.92 0.85 0.00	41.01 0.69 0.00	38.74 0.57 0.00
SITHE___STERLING 23777	38.80 0.80 0.00	36.47 0.85 0.00	35.58 0.83 0.00	34.80 0.68 0.00	34.99 0.75 0.00	38.06 0.86 0.00	55.48 1.61 0.00	69.66 2.10 0.00	65.05 1.80 3.21	48.70 1.14 0.00	45.37 1.02 0.00	41.39 0.97 0.00	41.23 0.89 0.00	40.41 0.83 0.00	40.15 0.67 0.00	42.22 0.71 0.00	47.23 0.79 0.00	63.99 1.19 0.00	69.71 1.63 0.00	67.46 1.52 0.00	54.48 1.12 0.00	48.25 1.18 0.00	41.17 0.85 0.00	38.86 0.69 0.00
SLEIGHT__34_KV_TB1 80719	37.35 -0.65 0.00	35.02 -0.61 -0.01	34.17 -0.59 -0.02	33.46 -0.68 -0.03	33.62 -0.62 0.00	36.43 -0.78 0.00	52.95 -0.92 0.00	66.28 -1.28 0.00	61.19 -1.53 3.74	46.98 -0.71 -0.14	43.89 -0.58 -0.13	40.28 -0.20 -0.06	40.08 -0.32 -0.06	39.47 -0.24 -0.13	39.16 -0.39 -0.07	41.08 -0.50 -0.06	45.62 -0.88 -0.06	61.43 -1.38 -0.01	66.58 -1.50 0.00	64.49 -1.45 0.00	52.13 -1.23 0.00	46.14 -0.94 0.00	39.35 -0.97 0.00	37.25 -0.92 0.00
SMITHTWN_69_KV_BK 1 55830	40.20 2.20 0.00	37.51 1.89 0.00	36.59 1.84 0.00	35.89 1.77 0.00	36.01 1.78 0.00	39.40 2.20 0.00	50.07 1.62 5.41	50.97 3.31 19.91	50.41 2.33 18.38	45.29 1.57 3.84	41.67 1.95 4.63	41.31 2.47 1.58	41.40 2.06 1.00	42.09 2.10 -0.41	43.84 2.37 -1.99	43.68 2.45 0.29	51.68 2.88 -2.36	66.81 3.83 -0.18	87.08 4.08 -14.92	69.69 3.76 0.00	56.34 2.99 0.00	49.80 2.73 0.00	42.61 2.30 0.00	40.35 2.18 0.00
SOUTH CAIRO___GT 23612	39.10 1.10 0.00	36.69 1.07 0.00	35.82 1.08 0.00	35.14 1.02 0.00	35.84 1.61 0.00	37.21 2.27 2.27	48.79 3.61 8.68	65.11 4.32 6.78	65.93 3.12 3.65	45.27 1.52 3.81	42.23 1.06 3.18	39.85 0.89 1.47	39.92 -0.28 0.14	38.97 -0.28 0.33	39.12 -0.04 0.32	40.54 0.12 1.11	43.16 1.11 4.40	51.78 2.32 13.35	46.20 3.13 25.01	68.45 2.51 0.00	55.17 1.81 0.00	48.49 1.41 0.00	41.49 1.17 0.00	39.39 1.22 0.00
SOUTH HAMPTN___IC 23720	40.05 2.05 0.00	37.33 1.71 0.00	36.45 1.70 0.00	35.79 1.67 0.00	35.98 1.74 0.00	39.66 2.46 0.00	50.01 1.61 5.47	50.55 3.11 20.13	49.82 2.13 18.77	44.96 1.28 3.88	41.13 1.46 4.68	40.96 2.14 1.61	41.05 1.73 1.03	41.66 1.70 -0.38	43.46 2.01 -1.97	43.35 2.16 0.32	51.53 2.74 -2.35	66.49 3.51 -0.17	86.94 3.95 -14.92	73.44 3.69 -3.81	56.23 2.88 0.00	49.85 2.78 0.00	42.53 2.22 0.00	40.35 2.17 0.00
SOUTHDOW_115KV_TB1 355954	37.96 -0.04 0.00	35.62 0.00 0.00	34.61 -0.14 0.00	33.71 -0.41 0.00	33.82 -0.41 0.00	36.46 -0.74 0.00	52.84 -1.02 0.00	65.20 -2.36 0.00	59.35 -2.59 4.52	46.27 -1.28 0.00	42.35 -2.00 0.00	39.52 -0.93 -0.03	39.21 -1.17 -0.04	38.53 -1.15 -0.10	38.20 -1.38 -0.10	39.74 -1.87 -0.09	43.65 -2.88 -0.09	58.54 -4.27 -0.01	64.10 -4.42 -0.45	62.51 -3.43 0.00	50.48 -2.88 0.00	45.01 -2.07 0.00	38.59 -1.73 0.00	36.68 -1.49 0.00
SOUTHOLD_69_KV_BK 2 55809	39.86 1.86 0.00	37.15 1.53 0.00	36.31 1.56 0.00	35.75 1.64 0.00	36.01 1.78 0.00	39.59 2.38 0.00	49.85 1.45 5.47	50.35 2.91 20.13	49.76 1.86 18.57	44.82 1.14 3.88	41.18 1.51 4.67	40.72 1.90 1.61	40.73 1.41 1.03	41.43 1.46 -0.38	43.23 1.78 -1.97	43.11 1.91 0.32	51.39 2.60 -2.35	66.31 3.33 -0.17	86.74 3.74 -14.92	69.36 3.43 0.00	56.02 2.67 0.00	49.52 2.45 0.00	42.17 1.85 0.00	40.19 2.02 0.00
SOUTHOLD___IC 23719	39.86 1.86 0.00	37.15 1.53 0.00	36.31 1.57 0.00	35.75 1.64 0.00	36.01 1.78 0.00	39.70 2.49 0.00	49.79 1.40 5.47	50.21 2.77 20.13	49.43 1.73 18.76	44.82 1.14 3.88	40.96 1.29 4.67	40.68 1.86 1.61	40.72 1.41 1.03	41.39 1.42 -0.38	43.19 1.74 -1.97	43.06 1.87 0.32	51.30 2.51 -2.35	66.18 3.20 -0.17	86.60 3.61 -14.92	73.11 3.36 -3.81	55.91 2.56 0.00	49.61 2.54 0.00	42.21 1.90 0.00	40.19 2.02 0.00
SOUTH_FORK_WT_PWR 323839	39.44 1.44 0.00	36.79 1.17 0.00	35.96 1.22 0.00	35.44 1.33 0.00	35.78 1.54 0.00	39.44 2.23 0.00	49.20 0.81 5.47	49.33 1.89 20.13	48.63 0.93 18.76	44.30 0.62 3.88	40.51 0.84 4.67	40.19 1.38 1.61	40.20 0.89 1.03	40.83 0.87 -0.38	42.68 1.23 -1.97	42.52 1.33 0.32	50.70 1.90 -2.35	65.30 2.33 -0.17	85.65 2.65 -14.92	72.19 2.44 -3.81	55.22 1.87 0.00	49.00 1.93 0.00	41.64 1.33 0.00	39.77 1.60 0.00
SPIERFLS_115KV_TB 1 80737	39.10 1.10 0.00	36.76 1.14 0.00	35.89 1.15 0.00	35.21 1.09 0.00	35.36 1.13 0.00	41.64 1.23 -3.20	68.00 1.89 -12.25	79.45 2.36 -9.52	71.07 1.53 -3.08	53.80 0.81 -5.43	49.49 0.62 -4.52	42.75 0.49 -1.84	40.29 0.12 0.18	39.20 0.04 0.42	39.35 0.28 0.41	42.71 0.37 -0.81	52.98 0.98 -5.56	83.57 1.63 -19.13	96.52 2.18 -26.26	67.52 1.58 0.00	54.69 1.33 0.00	48.25 1.18 0.00	41.37 1.05 0.00	39.28 1.11 0.00
ST LAWRENCE____ 23600	38.04 0.04 0.00	35.69 0.07 0.00	34.78 0.03 0.00	34.18 0.07 0.00	34.27 0.03 0.00	37.28 0.07 0.00	54.03 0.16 0.00	67.70 0.14 0.00	66.66 0.20 0.00	47.70 0.14 0.00	44.48 0.13 0.00	40.26 -0.16 0.00	40.46 0.12 0.00	39.66 0.08 0.00	39.44 -0.04 0.00	41.48 -0.04 0.00	46.40 -0.05 0.00	62.68 -0.13 0.00	67.87 -0.20 0.00	65.81 -0.13 0.00	53.15 -0.21 0.00	46.75 -0.33 0.00	40.04 -0.28 0.00	37.94 -0.23 0.00

STATE_CA_115KV_115_LB 55624	38.46 0.46 0.00	36.05 0.43 0.00	35.16 0.42 0.00	34.49 0.38 0.00	34.64 0.41 0.00	33.34 0.63 4.50	37.39 0.75 17.23	54.85 0.81 13.53	60.41 0.27 6.32	40.13 0.10 7.52	38.15 0.09 6.28	37.74 0.16 2.85	39.94 -0.20 0.20	38.96 -0.16 0.47	39.06 0.04 0.46	39.53 0.04 2.03	38.31 0.42 8.55	37.07 0.69 26.42	28.98 0.88 39.98	66.47 0.53 0.00	53.84 0.48 0.00	47.55 0.47 0.00	40.76 0.44 0.00	38.71 0.53 0.00
STATE_ST_34_KV_LOAD 55959	37.92 -0.08 0.00	35.53 -0.11 -0.02	34.64 -0.14 -0.04	34.01 -0.17 -0.07	34.10 -0.14 0.00	37.06 -0.15 0.00	53.92 0.05 0.00	67.57 0.00 0.00	63.91 -0.47 2.09	47.51 -0.33 -0.29	44.41 -0.22 -0.28	40.53 0.00 -0.11	40.25 -0.20 -0.11	39.67 -0.12 -0.21	39.40 -0.16 -0.08	41.42 -0.17 -0.07	46.24 -0.28 -0.07	62.50 -0.31 -0.01	68.27 -0.14 -0.33	65.81 -0.13 0.00	53.14 -0.21 0.00	46.89 -0.19 0.00	40.08 -0.24 0.00	37.90 -0.27 0.00
STATION_5_MISC_HYD 23604	37.62 -0.38 0.00	35.26 -0.36 0.00	34.37 -0.38 0.00	33.64 -0.48 0.00	33.82 -0.41 0.00	36.50 -0.71 0.00	52.95 -0.92 0.00	65.88 -1.69 0.00	57.99 -1.79 6.69	46.75 -0.81 0.00	43.77 -0.58 0.00	40.46 0.04 0.00	40.22 -0.12 0.00	39.54 -0.04 0.00	39.24 -0.24 0.00	41.14 -0.37 0.00	45.56 -0.88 0.00	61.17 -1.63 0.00	66.10 -1.98 0.00	64.16 -1.78 0.00	51.86 -1.49 0.00	46.00 -1.08 0.00	39.35 -0.97 0.00	37.37 -0.80 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	37.66 -0.34 0.00	35.31 -0.32 -0.01	34.42 -0.35 -0.02	33.74 -0.41 -0.03	33.89 -0.34 0.00	36.69 -0.52 0.00	53.27 -0.59 0.00	66.69 -0.88 0.00	61.60 -1.20 3.67	47.13 -0.57 -0.14	44.08 -0.40 -0.13	40.44 -0.04 -0.06	40.25 -0.16 -0.07	39.64 -0.08 -0.13	39.36 -0.20 -0.07	41.29 -0.29 -0.06	45.81 -0.70 -0.06	61.74 -1.07 -0.01	66.85 -1.23 0.00	64.82 -1.12 0.00	52.40 -0.96 0.00	46.37 -0.71 0.00	39.59 -0.73 0.00	37.52 -0.65 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	37.39 -0.61 0.00	35.05 -0.57 0.00	34.16 -0.59 0.00	33.43 -0.68 0.00	33.62 -0.62 0.00	36.31 -0.89 0.00	52.57 -1.29 0.00	65.68 -1.89 0.00	59.81 -1.99 4.66	46.65 -0.90 0.00	43.59 -0.75 0.00	40.20 -0.24 -0.02	40.01 -0.36 -0.03	39.41 -0.24 -0.07	39.12 -0.43 -0.07	41.00 -0.58 -0.06	45.39 -1.11 -0.06	60.99 -1.82 -0.01	65.90 -2.18 0.00	63.96 -1.98 0.00	51.81 -1.55 0.00	45.95 -1.13 0.00	39.15 -1.17 0.00	37.18 -0.99 0.00
STA_56___34_KV_BUS2 355983	37.39 -0.61 0.00	35.05 -0.57 0.00	34.16 -0.59 0.00	33.43 -0.68 0.00	33.62 -0.62 0.00	36.31 -0.89 0.00	52.57 -1.29 0.00	65.68 -1.89 0.00	59.81 -1.99 4.66	46.65 -0.90 0.00	43.59 -0.75 0.00	40.20 -0.24 -0.02	40.01 -0.36 -0.03	39.41 -0.24 -0.07	39.12 -0.43 -0.07	41.00 -0.58 -0.06	45.39 -1.11 -0.06	60.99 -1.82 -0.01	65.90 -2.18 0.00	63.96 -1.98 0.00	51.81 -1.55 0.00	45.95 -1.13 0.00	39.15 -1.17 0.00	37.18 -0.99 0.00
STA_67___115KV_BK2 355882	37.54 -0.46 0.00	35.19 -0.43 0.00	34.33 -0.42 0.00	33.57 -0.55 0.00	33.79 -0.45 0.00	36.46 -0.74 0.00	52.79 -1.08 0.00	65.88 -1.69 0.00	59.97 -1.79 4.70	46.84 -0.71 0.00	43.68 -0.67 0.00	40.32 -0.12 -0.02	40.17 -0.20 -0.03	39.53 -0.12 -0.07	39.23 -0.32 -0.07	41.12 -0.46 -0.06	45.53 -0.98 -0.06	61.11 -1.70 -0.01	65.97 -2.11 0.00	64.16 -1.78 0.00	51.97 -1.39 0.00	46.09 -0.99 0.00	39.27 -1.05 0.00	37.29 -0.88 0.00
STA_7___115KV_9TRANS 80674	37.77 -0.23 0.00	35.40 -0.21 0.00	34.50 -0.24 0.00	33.74 -0.38 0.00	33.96 -0.27 0.00	36.65 -0.56 0.00	53.11 -0.75 0.00	66.35 -1.22 0.00	60.44 -1.33 4.70	47.18 -0.38 0.00	44.03 -0.31 0.00	40.64 0.20 -0.02	40.49 0.12 -0.03	39.89 0.24 -0.07	39.55 0.00 -0.07	41.46 -0.12 -0.06	45.90 -0.60 -0.06	61.68 -1.13 -0.01	66.58 -1.50 0.00	64.62 -1.32 0.00	52.34 -1.01 0.00	46.42 -0.66 0.00	39.51 -0.81 0.00	37.52 -0.65 0.00
STA_82___115KV_TB1 80780	37.58 -0.42 0.00	35.23 -0.39 0.00	34.33 -0.42 0.00	33.60 -0.51 0.00	33.79 -0.45 0.00	36.46 -0.74 0.00	52.79 -1.08 0.00	65.88 -1.69 0.00	59.99 -1.79 4.68	46.84 -0.71 0.00	43.72 -0.62 0.00	40.32 -0.12 -0.02	40.17 -0.20 -0.03	39.53 -0.12 -0.07	39.23 -0.32 -0.07	41.17 -0.42 -0.06	45.53 -0.98 -0.06	61.11 -1.70 -0.01	66.03 -2.04 0.00	64.16 -1.78 0.00	51.97 -1.39 0.00	46.09 -0.99 0.00	39.31 -1.01 0.00	37.33 -0.84 0.00
STEEL___WIND 323596	37.28 -0.72 0.00	34.91 -0.71 0.00	34.02 -0.73 0.00	33.19 -0.92 0.00	33.38 -0.85 0.00	35.87 -1.34 0.00	51.60 -2.26 0.00	63.04 -4.53 0.00	55.93 -4.12 6.41	45.42 -2.14 0.00	41.99 -2.35 0.00	39.44 -1.01 -0.02	39.12 -1.25 -0.03	38.40 -1.27 -0.08	38.02 -1.54 -0.08	39.56 -2.03 -0.07	43.36 -3.16 -0.07	57.85 -4.96 -0.01	63.14 -5.31 -0.38	61.43 -4.62 -0.11	49.62 -3.74 0.00	44.30 -2.78 0.00	38.18 -2.14 0.00	36.34 -1.83 0.00
STEPHTWN_115KV_BK_2 55603	38.61 0.61 0.00	36.15 0.53 0.00	35.27 0.52 0.00	34.63 0.51 0.00	34.75 0.51 0.00	33.46 0.78 4.53	37.57 1.02 17.32	55.05 1.08 13.60	60.57 0.47 6.36	40.23 0.24 7.57	38.25 0.22 6.32	37.80 0.24 2.86	40.02 -0.12 0.20	39.03 -0.08 0.47	39.10 0.08 0.46	39.60 0.12 2.04	38.40 0.56 8.60	37.16 0.94 26.58	29.26 1.23 40.04	66.73 0.79 0.00	54.05 0.69 0.00	47.74 0.66 0.00	40.92 0.60 0.00	38.86 0.69 0.00
STEBEN_REC_LFGE 323667	38.08 0.08 0.00	35.58 -0.04 0.00	34.54 -0.21 0.00	33.81 -0.31 0.00	33.89 -0.34 0.00	36.76 -0.45 0.00	53.54 -0.32 0.00	66.74 -0.88 -0.05	60.16 -2.06 4.24	45.66 -1.90 0.00	42.35 -2.00 0.00	38.96 -1.50 -0.04	38.70 -1.69 -0.06	38.22 -1.50 -0.14	38.08 -1.54 -0.14	39.69 -1.95 -0.12	43.87 -2.69 -0.12	59.43 -3.39 -0.01	65.24 -3.40 -0.57	62.91 -3.03 0.00	50.64 -2.72 0.00	44.82 -2.26 0.00	38.38 -1.94 0.00	36.45 -1.72 0.00
STILLWATER___SOLAR 323814	39.41 1.41 0.00	36.94 1.32 0.00	36.00 1.25 0.00	35.38 1.26 0.00	35.57 1.33 0.00	43.12 1.53 -4.38	72.72 2.10 -16.76	83.32 2.71 -13.04	72.78 1.93 -4.39	56.16 1.19 -7.42	51.50 0.97 -6.18	43.91 0.93 -2.56	40.69 0.52 0.18	39.63 0.48 0.43	39.78 0.71 0.42	43.59 0.83 -1.24	55.51 1.30 -7.77	91.15 2.07 -26.28	107.02 2.52 -36.42	86.51 2.11 -18.46	71.18 1.82 -16.01	52.81 1.60 -4.13	42.24 1.45 -0.47	39.62 1.45 0.00
STONY___BROOK 24151	40.20 2.20 0.00	37.47 1.85 0.00	36.59 1.84 0.00	35.85 1.74 0.00	35.98 1.74 0.00	39.51 2.31 0.00	49.94 1.51 5.43	50.70 3.11 19.98	50.02 2.19 18.63	45.18 1.48 3.85	41.39 1.68 4.64	41.22 2.38 1.59	41.35 2.02 1.01	42.00 2.02 -0.40	43.71 2.25 -1.98	43.58 2.37 0.30	51.49 2.69 -2.35	66.49 3.51 -0.18	86.74 3.74 -14.92	73.18 3.43 -3.81	56.13 2.77 0.00	49.85 2.78 0.00	42.65 2.34 0.00	40.35 2.17 0.00
STURGEON_POOL_HYD 23609	40.05 2.05 0.00	37.47 1.85 0.00	36.55 1.81 0.00	35.89 1.77 0.00	35.98 1.75 0.00	38.72 2.08 0.57	54.58 2.91 2.19	70.23 4.32 1.66	68.10 3.32 1.68	48.75 2.19 1.00	45.64 2.13 0.83	42.29 2.22 0.36	42.04 1.69 0.00	41.28 1.70 0.00	41.34 1.86 0.00	43.25 1.95 0.22	48.01 2.65 1.08	63.00 3.71 3.51	66.15 4.08 6.01	69.70 3.76 0.00	56.29 2.93 0.00	49.62 2.54 0.00	42.46 2.14 0.00	40.16 1.98 0.00

ST_LAW_115_BK7_LBMP 345037	38.04 0.04 0.00	35.69 0.07 0.00	34.78 0.03 0.00	34.18 0.07 0.00	34.30 0.07 0.00	37.28 0.07 0.00	54.03 0.16 0.00	67.77 0.20 0.00	66.73 0.27 0.00	47.70 0.14 0.00	44.52 0.18 0.00	40.26 -0.16 0.00	40.46 0.12 0.00	39.66 0.08 0.00	39.44 -0.04 0.00	41.48 -0.04 0.00	46.40 -0.05 0.00	62.74 -0.06 0.00	67.87 -0.20 0.00	65.81 -0.13 0.00	53.20 -0.16 0.00	46.75 -0.33 0.00	40.04 -0.28 0.00	37.94 -0.23 0.00
ST_LAW_115_BK8_LBMP 345038	38.04 0.04 0.00	35.69 0.07 0.00	34.78 0.03 0.00	34.18 0.07 0.00	34.30 0.07 0.00	37.28 0.07 0.00	54.03 0.16 0.00	67.77 0.20 0.00	66.73 0.27 0.00	47.70 0.14 0.00	44.52 0.18 0.00	40.26 -0.16 0.00	40.46 0.12 0.00	39.66 0.08 0.00	39.44 -0.04 0.00	41.48 -0.04 0.00	46.40 -0.05 0.00	62.74 -0.06 0.00	67.87 -0.20 0.00	65.81 -0.13 0.00	53.20 -0.16 0.00	46.75 -0.33 0.00	40.04 -0.28 0.00	37.94 -0.23 0.00
ST_LAW_230_BK5_LBMP 345035	38.04 0.04 0.00	35.69 0.07 0.00	34.78 0.03 0.00	34.18 0.07 0.00	34.27 0.03 0.00	37.28 0.07 0.00	54.03 0.16 0.00	67.70 0.14 0.00	66.66 0.20 0.00	47.70 0.14 0.00	44.48 0.13 0.00	40.26 -0.16 0.00	40.46 0.12 0.00	39.66 0.08 0.00	39.44 -0.04 0.00	41.48 -0.04 0.00	46.40 -0.05 0.00	62.68 -0.13 0.00	67.87 -0.20 0.00	65.81 -0.13 0.00	53.15 -0.21 0.00	46.75 -0.33 0.00	40.04 -0.28 0.00	37.94 -0.23 0.00
ST_LAW_230_BK6_LBMP 345036	38.04 0.04 0.00	35.69 0.07 0.00	34.78 0.03 0.00	34.18 0.07 0.00	34.27 0.03 0.00	37.28 0.07 0.00	54.03 0.16 0.00	67.70 0.14 0.00	66.66 0.20 0.00	47.70 0.14 0.00	44.48 0.13 0.00	40.26 -0.16 0.00	40.46 0.12 0.00	39.66 0.08 0.00	39.44 -0.04 0.00	41.48 -0.04 0.00	46.40 -0.05 0.00	62.68 -0.13 0.00	67.87 -0.20 0.00	65.81 -0.13 0.00	53.15 -0.21 0.00	46.75 -0.33 0.00	40.04 -0.28 0.00	37.94 -0.23 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	40.20 2.20 0.00	37.61 1.99 0.00	36.66 1.91 0.00	35.99 1.88 0.00	36.08 1.85 0.00	39.29 2.08 0.00	56.94 3.07 -0.01	72.74 4.39 -0.78	69.10 3.12 0.48	49.72 2.04 -0.12	46.58 2.08 -0.15	43.38 2.22 -0.74	43.33 1.94 -1.05	44.02 1.94 -2.50	43.97 2.05 -2.43	45.85 2.16 -2.17	51.13 2.55 -2.14	66.56 3.52 -0.24	83.07 3.88 -11.11	69.57 3.63 0.00	56.35 2.99 0.00	49.71 2.64 0.00	42.50 2.18 0.00	40.19 2.02 0.00
SWANROAD_115KV_TB1 355699	36.48 -1.52 0.00	34.16 -1.46 0.00	33.60 -1.15 0.00	32.51 -1.60 0.00	32.69 -1.54 0.00	35.23 -1.97 0.00	50.04 -3.82 0.00	61.49 -6.08 0.00	56.41 -5.45 4.60	44.80 -2.76 0.00	41.20 -3.15 0.00	38.59 -1.86 -0.02	38.36 -2.02 -0.04	37.73 -1.94 -0.09	37.40 -2.17 -0.09	39.02 -2.57 -0.08	42.53 -3.99 -0.08	56.53 -6.28 -0.01	61.24 -7.22 -0.38	59.94 -6.00 0.00	48.77 -4.59 0.00	43.59 -3.48 0.00	37.34 -2.98 0.00	35.61 -2.56 0.00
SYNERGY___BIOGAS 323694	37.77 -0.23 0.00	35.40 -0.21 0.00	34.64 -0.10 0.00	33.67 -0.44 0.00	33.93 -0.31 0.00	36.50 -0.71 0.00	52.52 -1.35 0.00	65.13 -2.43 0.00	59.58 -2.26 4.63	46.80 -0.76 0.00	43.24 -1.11 0.00	40.24 -0.20 -0.02	40.01 -0.36 -0.03	39.43 -0.24 -0.08	39.01 -0.55 -0.08	40.80 -0.79 -0.07	44.80 -1.72 -0.07	59.99 -2.83 -0.01	65.15 -3.27 -0.35	63.30 -2.64 0.00	51.33 -2.03 0.00	45.76 -1.32 0.00	38.99 -1.33 0.00	37.14 -1.03 0.00
SYRACUSE___ENERGY_ST1 323597	37.66 -0.34 0.00	35.29 -0.36 -0.03	34.45 -0.35 -0.05	33.83 -0.38 -0.09	33.86 -0.38 0.00	36.80 -0.41 0.00	53.49 -0.38 0.00	67.03 -0.54 0.00	64.21 -0.93 1.33	47.35 -0.57 -0.37	44.36 -0.35 -0.37	40.33 -0.20 -0.11	40.12 -0.32 -0.10	39.47 -0.28 -0.17	39.20 -0.28 0.00	41.19 -0.33 0.00	45.98 -0.46 0.00	62.18 -0.63 0.00	67.53 -0.54 0.00	65.35 -0.59 0.00	52.82 -0.53 0.00	46.61 -0.47 0.00	39.92 -0.40 0.00	37.71 -0.46 0.00
SYRACUSE___ENERGY_ST2 323598	37.66 -0.34 0.00	35.29 -0.36 -0.03	34.45 -0.35 -0.05	33.83 -0.38 -0.09	33.86 -0.38 0.00	36.80 -0.41 0.00	53.49 -0.38 0.00	67.03 -0.54 0.00	64.21 -0.93 1.33	47.35 -0.57 -0.37	44.36 -0.35 -0.37	40.33 -0.20 -0.11	40.12 -0.32 -0.10	39.47 -0.28 -0.17	39.20 -0.28 0.00	41.19 -0.33 0.00	45.98 -0.46 0.00	62.18 -0.63 0.00	67.53 -0.54 0.00	65.35 -0.59 0.00	52.82 -0.53 0.00	46.61 -0.47 0.00	39.92 -0.40 0.00	37.71 -0.46 0.00
SYRACUSE___POWER 24017	37.62 -0.38 0.00	35.24 -0.39 -0.01	34.34 -0.42 -0.02	33.73 -0.41 -0.03	33.82 -0.41 0.00	36.76 -0.45 0.00	53.43 -0.43 0.00	67.03 -0.54 0.00	61.36 -1.00 4.11	47.02 -0.67 -0.13	44.02 -0.44 -0.12	40.22 -0.24 -0.04	40.01 -0.36 -0.03	39.32 -0.32 -0.05	39.12 -0.36 0.00	41.10 -0.42 0.00	45.93 -0.51 0.00	62.11 -0.69 0.00	67.46 -0.61 0.00	65.28 -0.66 0.00	52.77 -0.59 0.00	46.61 -0.47 0.00	39.88 -0.44 0.00	37.67 -0.50 0.00
TALLMAN_138KV_BK151 55660	40.39 2.39 0.00	37.76 2.14 0.00	36.80 2.05 0.00	36.13 2.01 0.00	36.22 1.99 0.00	39.48 2.27 0.00	57.11 3.23 -0.01	73.16 4.73 -0.87	69.61 3.52 0.38	50.08 2.38 -0.14	46.95 2.44 -0.17	43.86 2.59 -0.86	43.86 2.30 -1.22	44.77 2.30 -2.89	44.71 2.41 -2.82	46.61 2.57 -2.52	51.84 2.93 -2.47	67.10 4.02 -0.28	85.31 4.36 -12.87	70.03 4.09 0.00	56.72 3.36 0.00	50.04 2.97 0.00	42.78 2.46 0.00	40.46 2.29 0.00
TEALLAVE_115KV_TB7 355573	37.47 -0.53 0.00	35.09 -0.53 -0.01	34.24 -0.52 -0.01	33.60 -0.55 -0.03	33.72 -0.51 0.00	36.65 -0.56 0.00	53.22 -0.65 0.00	66.69 -0.88 0.00	61.11 -1.26 4.09	46.87 -0.81 -0.12	43.88 -0.58 -0.11	40.09 -0.36 -0.03	39.89 -0.48 -0.03	39.24 -0.40 -0.05	39.05 -0.43 0.00	41.02 -0.50 0.00	45.79 -0.65 0.00	61.86 -0.94 0.00	67.12 -0.95 0.00	65.02 -0.92 0.00	52.56 -0.80 0.00	46.42 -0.66 0.00	39.72 -0.60 0.00	37.56 -0.61 0.00
TELGRAPH_34_KV_EAST 80808	37.24 -0.76 0.00	34.91 -0.71 0.00	34.19 -0.56 0.00	33.19 -0.92 0.00	33.41 -0.82 0.00	35.94 -1.27 0.00	51.44 -2.42 0.00	63.58 -3.99 0.00	58.26 -3.59 4.62	45.99 -1.57 0.00	42.39 -1.95 0.00	39.56 -0.89 -0.02	39.33 -1.05 -0.03	38.72 -0.95 -0.08	38.34 -1.22 -0.08	40.05 -1.54 -0.07	43.82 -2.69 -0.07	58.48 -4.33 -0.01	63.40 -5.04 -0.36	61.85 -4.09 0.00	50.21 -3.15 0.00	44.82 -2.26 0.00	38.30 -2.02 0.00	36.49 -1.68 0.00
TEMPLE___115KV_TB 2 55572	37.47 -0.53 0.00	35.13 -0.50 -0.01	34.24 -0.52 -0.01	33.59 -0.55 -0.02	33.72 -0.51 0.00	36.65 -0.56 0.00	53.22 -0.65 0.00	66.76 -0.81 0.00	60.81 -1.26 4.39	46.85 -0.81 -0.10	43.90 -0.53 -0.09	40.13 -0.32 -0.03	39.92 -0.44 -0.03	39.23 -0.40 -0.04	39.09 -0.39 0.00	41.06 -0.46 0.00	45.79 -0.65 0.00	61.92 -0.88 0.00	67.19 -0.88 0.00	65.02 -0.92 0.00	52.61 -0.75 0.00	46.42 -0.66 0.00	39.72 -0.60 0.00	37.56 -0.61 0.00
TIANA___69_KV_BK 1 55817	40.09 2.09 0.00	37.36 1.75 0.00	36.48 1.74 0.00	35.82 1.71 0.00	35.98 1.75 0.00	39.55 2.34 0.00	50.12 1.72 5.47	50.82 3.38 20.13	50.22 2.33 18.57	45.01 1.33 3.88	41.40 1.73 4.67	41.00 2.18 1.61	41.09 1.78 1.03	41.79 1.82 -0.38	43.59 2.13 -1.97	43.44 2.24 0.32	51.72 2.93 -2.35	66.81 3.83 -0.17	87.21 4.22 -14.92	69.83 3.89 0.00	56.39 3.04 0.00	49.85 2.78 0.00	42.57 2.26 0.00	40.38 2.21 0.00

TILDEN___115KV_TB1 80814	37.62 -0.38 0.00	35.24 -0.39 -0.01	34.34 -0.42 -0.02	33.73 -0.41 -0.03	33.82 -0.41 0.00	36.76 -0.45 0.00	53.43 -0.43 0.00	67.03 -0.54 0.00	61.36 -1.00 4.11	47.02 -0.67 -0.13	44.02 -0.44 -0.12	40.22 -0.24 -0.04	40.01 -0.36 -0.03	39.32 -0.32 -0.05	39.12 -0.36 0.00	41.10 -0.42 0.00	45.93 -0.51 0.00	62.11 -0.69 0.00	67.46 -0.61 0.00	65.28 -0.66 0.00	52.77 -0.59 0.00	46.61 -0.47 0.00	39.88 -0.44 0.00	37.67 -0.50 0.00
TRIGEN___CC 323695	40.24 2.24 0.00	37.58 1.96 0.00	36.62 1.88 0.00	35.92 1.81 0.00	36.01 1.78 0.00	39.33 2.12 0.00	54.85 2.26 1.27	67.35 4.12 4.34	64.81 3.19 4.84	48.84 2.14 0.86	45.84 2.53 1.03	43.71 2.95 -0.34	43.72 2.58 -0.79	44.80 2.61 -2.60	45.22 2.80 -2.94	46.53 2.91 -2.10	52.57 3.39 -2.73	67.54 4.46 -0.28	87.83 4.83 -14.92	70.35 4.42 0.00	56.82 3.47 0.00	49.94 2.87 0.00	42.73 2.42 0.00	40.23 2.06 0.00
TRINITY___115KV___4 BK 55933	38.27 0.27 0.00	35.83 0.21 0.00	34.95 0.21 0.00	34.32 0.20 0.00	34.44 0.21 0.00	33.12 0.41 4.50	37.09 0.43 17.20	54.47 0.41 13.51	60.01 -0.13 6.32	39.85 -0.19 7.52	37.94 -0.13 6.28	37.54 -0.04 2.84	39.70 -0.44 0.20	38.75 -0.36 0.47	38.86 -0.16 0.46	39.36 -0.12 2.03	38.03 0.14 8.55	36.78 0.38 26.40	28.61 0.48 39.95	66.07 0.13 0.00	53.57 0.21 0.00	47.31 0.24 0.00	40.56 0.24 0.00	38.51 0.34 0.00
UNION___PROCESSING_DRP 323587	37.58 -0.42 0.00	35.23 -0.39 0.00	34.33 -0.42 0.00	33.60 -0.51 0.00	33.79 -0.45 0.00	36.50 -0.71 0.00	52.79 -1.08 0.00	65.88 -1.69 0.00	59.99 -1.79 4.67	46.89 -0.67 0.00	43.72 -0.62 0.00	40.36 -0.08 -0.02	40.17 -0.20 -0.03	39.57 -0.08 -0.07	39.27 -0.28 -0.07	41.17 -0.42 -0.06	45.53 -0.98 -0.06	61.18 -1.63 -0.01	66.03 -2.04 0.00	64.16 -1.78 0.00	51.97 -1.39 0.00	46.14 -0.94 0.00	39.31 -1.01 0.00	37.33 -0.84 0.00
UPPER HUDSON___HYD 24058	39.10 1.10 0.00	36.76 1.14 0.00	35.82 1.08 0.00	35.21 1.09 0.00	35.36 1.13 0.00	41.64 1.23 -3.20	67.84 1.72 -12.25	79.39 2.30 -9.52	70.87 1.46 -2.95	53.75 0.76 -5.43	49.44 0.57 -4.52	42.71 0.45 -1.84	40.25 0.08 0.18	39.16 0.00 0.42	39.35 0.28 0.41	42.66 0.33 -0.81	52.93 0.88 -5.61	83.59 1.50 -19.28	96.38 2.04 -26.26	80.90 1.52 -13.44	66.45 1.33 -11.76	51.24 1.13 -3.03	41.75 1.09 -0.34	39.28 1.11 0.00
UPPER RAQUET___HYD 24056	38.65 0.65 0.00	36.37 0.75 -0.01	35.42 0.66 -0.01	34.78 0.65 -0.02	34.88 0.65 0.00	37.95 0.74 0.00	55.05 1.18 0.00	69.12 1.56 0.00	68.21 1.46 -0.29	48.50 0.86 -0.08	45.32 0.89 -0.09	40.89 0.45 -0.03	41.13 0.76 -0.02	40.25 0.63 -0.04	39.83 0.35 0.00	41.93 0.42 0.00	46.68 0.23 0.00	62.93 0.13 0.00	68.21 0.14 0.00	66.20 0.26 0.00	53.73 0.38 0.00	47.55 0.47 0.00	40.60 0.28 0.00	38.40 0.23 0.00
VALLEY44_115KV_TB2 355964	37.28 -0.72 0.00	34.87 -0.75 0.00	34.02 -0.73 0.00	33.16 -0.96 0.00	33.34 -0.89 0.00	36.05 -1.15 0.00	52.30 -1.56 0.00	64.53 -3.04 0.00	58.50 -3.46 4.50	45.56 -2.00 0.00	41.99 -2.35 0.00	39.24 -1.21 -0.03	38.93 -1.45 -0.04	38.30 -1.39 -0.10	38.00 -1.58 -0.10	39.62 -1.99 -0.09	43.61 -2.93 -0.09	58.61 -4.21 -0.01	64.59 -3.95 -0.46	62.38 -3.56 0.00	50.42 -2.93 0.00	44.91 -2.17 0.00	38.47 -1.85 0.00	36.57 -1.60 0.00
VALLEY___115KV_TB 1-4 80826	39.94 1.94 0.00	37.47 1.85 0.00	36.55 1.81 0.00	35.82 1.71 0.00	35.98 1.75 0.00	39.14 1.93 0.00	56.77 2.91 0.00	71.15 3.58 0.00	69.99 3.52 0.00	50.03 2.47 0.00	46.56 2.22 0.00	42.44 2.02 0.00	42.24 1.90 0.00	41.40 1.82 0.00	41.22 1.74 0.00	43.35 1.83 0.00	48.58 2.14 0.00	65.69 2.89 0.00	71.34 3.27 0.00	69.04 3.10 0.00	55.76 2.40 0.00	49.34 2.26 0.00	42.17 1.85 0.00	39.85 1.68 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	39.41 1.41 0.00	36.97 1.35 0.00	36.14 1.39 0.00	35.41 1.30 0.00	35.53 1.30 0.00	38.62 1.41 0.00	56.18 2.32 0.00	70.57 2.91 -0.10	66.61 2.33 2.18	49.14 1.57 -0.01	45.87 1.51 -0.01	41.99 1.50 -0.07	41.78 1.33 -0.10	41.09 1.27 -0.25	40.86 1.14 -0.24	42.98 1.25 -0.21	48.09 1.44 -0.21	64.90 2.07 -0.02	71.54 2.38 -1.08	68.12 2.18 0.00	55.17 1.81 0.00	48.87 1.79 0.00	41.73 1.41 0.00	39.39 1.22 0.00
VISCHER___FERRY HYD 24020	39.06 1.06 0.00	36.61 1.00 0.00	35.62 0.87 0.00	35.07 0.95 0.00	35.26 1.03 0.00	47.60 1.30 -9.09	90.30 1.67 -34.76	96.77 2.10 -27.10	78.05 1.46 -10.12	63.84 0.95 -15.33	57.96 0.84 -12.78	46.68 0.85 -5.41	40.60 0.44 0.19	39.53 0.40 0.45	39.71 0.67 0.44	45.24 0.79 -2.93	63.92 1.11 -16.37	118.79 1.82 -54.17	147.05 2.04 -76.93	102.07 1.71 -34.42	84.36 1.49 -29.51	56.05 1.37 -7.61	42.39 1.21 -0.86	39.39 1.22 0.00
V_A_10_SYNC_DSASP 323832	37.13 -0.87 0.00	34.73 -0.89 0.00	33.88 -0.87 0.00	33.09 -1.02 0.00	33.28 -0.96 0.00	35.79 -1.41 0.00	51.17 -2.69 0.00	63.18 -4.39 0.00	57.87 -3.92 4.67	45.70 -1.85 0.00	42.22 -2.13 0.00	39.39 -1.05 -0.02	39.16 -1.21 -0.03	38.52 -1.15 -0.08	38.22 -1.34 -0.08	39.93 -1.66 -0.07	43.73 -2.79 -0.07	58.29 -4.52 -0.01	62.98 -5.45 -0.35	61.59 -4.35 0.00	50.05 -3.31 0.00	44.68 -2.40 0.00	38.18 -2.14 0.00	36.38 -1.79 0.00
V_CMM_10_SYNC_DSASP 323787	38.19 0.19 0.00	35.83 0.21 0.00	34.89 0.14 0.00	34.32 0.20 0.00	34.44 0.21 0.00	37.43 0.22 0.00	54.13 0.27 0.00	67.84 0.27 0.00	66.80 0.33 0.00	47.84 0.29 0.00	44.57 0.22 0.00	40.46 0.04 0.00	40.66 0.32 0.00	39.78 0.20 0.00	39.56 0.08 0.00	41.56 0.04 0.00	46.44 0.00 0.00	62.74 -0.06 0.00	67.87 -0.20 0.00	65.94 0.00 0.00	53.20 -0.16 0.00	46.79 -0.28 0.00	40.20 -0.12 0.00	38.06 -0.11 0.00
V_CMP_10_SYNC_DSASP 323788	38.57 0.57 0.00	36.26 0.64 0.00	35.34 0.59 0.00	34.80 0.68 0.00	34.88 0.65 0.00	37.95 0.74 0.00	54.72 0.86 0.00	68.51 0.95 0.00	67.46 1.00 0.00	48.17 0.62 0.00	45.41 1.06 0.00	41.11 0.69 0.00	41.23 0.89 0.00	40.18 0.59 0.00	39.60 0.12 0.00	41.52 0.00 0.00	46.40 -0.05 0.00	62.05 -0.75 0.00	66.78 -1.30 0.00	64.68 -1.25 0.00	51.97 -1.39 0.00	45.43 -1.65 0.00	39.35 -0.97 0.00	37.37 -0.80 0.00
V_D_10_SYNC_DSASP 323841	38.38 0.38 0.00	36.01 0.39 0.00	35.06 0.31 0.00	34.49 0.38 0.00	34.61 0.38 0.00	37.62 0.41 0.00	54.62 0.75 0.00	68.44 0.88 0.00	67.39 0.93 0.00	48.17 0.62 0.00	44.92 0.57 0.00	40.67 0.24 0.00	40.91 0.56 0.00	40.06 0.48 0.00	39.79 0.31 0.00	41.85 0.33 0.00	46.81 0.37 0.00	63.25 0.44 0.00	68.42 0.34 0.00	66.34 0.40 0.00	53.63 0.27 0.00	47.12 0.05 0.00	40.36 0.04 0.00	38.25 0.08 0.00
V_E_10_SYNC_DSASP 323830	40.01 2.01 0.00	37.65 2.03 0.00	36.76 2.01 0.00	35.79 1.67 0.00	36.05 1.81 0.00	39.21 2.01 0.00	57.58 3.71 0.00	72.54 4.87 -0.10	66.21 4.05 4.31	50.04 2.47 -0.01	46.49 2.13 -0.02	42.53 2.02 -0.08	42.44 1.98 -0.12	41.65 1.78 -0.29	41.22 1.46 -0.28	43.39 1.62 -0.25	48.59 1.90 -0.24	65.97 3.14 -0.03	73.57 4.22 -1.27	70.09 3.82 -0.32	56.18 2.83 0.00	49.66 2.59 0.00	42.26 1.94 0.00	39.70 1.53 0.00

V_F_30_NSYNC___DSASP 323816	39.44 1.44 0.00	36.97 1.35 0.00	36.03 1.29 0.00	35.44 1.33 0.00	35.60 1.37 0.00	42.62 1.56 -3.85	70.76 2.16 -14.74	81.80 2.77 -11.46	72.20 1.99 -3.74	55.37 1.28 -6.53	50.84 1.06 -5.44	43.63 0.97 -2.24	40.77 0.61 0.18	39.71 0.55 0.42	39.86 0.79 0.41	43.48 0.91 -1.05	54.59 1.35 -6.80	88.09 2.14 -23.15	102.53 2.59 -31.87	84.32 2.17 -16.21	69.28 1.82 -14.11	52.36 1.65 -3.64	42.18 1.45 -0.41	39.66 1.49 0.00
V_F_30_SYNC_DSASP 323786	38.46 0.46 0.00	36.05 0.43 0.00	35.13 0.38 0.00	34.49 0.38 0.00	34.61 0.38 0.00	33.35 0.63 4.49	37.44 0.75 17.17	54.89 0.81 13.49	60.36 0.20 6.31	40.10 0.05 7.50	38.17 0.09 6.26	37.75 0.16 2.84	39.90 -0.24 0.20	38.96 -0.16 0.47	39.02 0.00 0.46	39.54 0.04 2.02	38.33 0.42 8.53	37.15 0.69 26.34	29.09 0.88 39.87	66.47 0.53 0.00	53.84 0.48 0.00	47.55 0.47 0.00	40.76 0.44 0.00	38.71 0.53 0.00
V_XM_10_SYNC_DSASP 323789	38.57 0.57 0.00	36.26 0.64 0.00	35.34 0.59 0.00	34.80 0.68 0.00	34.88 0.65 0.00	37.95 0.74 0.00	54.72 0.86 0.00	68.51 0.95 0.00	67.46 1.00 0.00	48.17 0.62 0.00	45.41 1.06 0.00	41.11 0.69 0.00	41.23 0.89 0.00	40.18 0.59 0.00	39.60 0.12 0.00	41.52 0.00 0.00	46.40 -0.05 0.00	62.05 -0.75 0.00	66.78 -1.30 0.00	64.68 -1.25 0.00	51.97 -1.39 0.00	45.43 -1.65 0.00	39.35 -0.97 0.00	37.37 -0.80 0.00
W.BABYLN_69_KV_BK1 56697	40.66 2.66 0.00	37.90 2.28 0.00	37.01 2.26 0.00	36.26 2.15 0.00	36.39 2.16 0.00	39.74 2.53 0.00	51.36 2.10 4.61	54.67 4.05 16.95	53.65 2.99 15.80	46.24 1.95 3.27	42.71 2.31 3.94	42.00 2.79 1.21	42.14 2.46 0.66	42.91 2.49 -0.83	44.41 2.76 -2.17	44.43 2.74 -0.17	52.17 3.30 -2.43	67.65 4.65 -0.20	88.24 5.24 -14.92	70.81 4.88 0.00	57.14 3.79 0.00	50.32 3.25 0.00	43.02 2.70 0.00	40.69 2.52 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	40.51 2.51 0.00	37.86 2.24 0.00	36.90 2.15 0.00	36.23 2.12 0.00	36.32 2.09 0.00	39.70 2.49 0.00	57.48 3.61 -0.01	73.65 5.20 -0.88	70.09 3.99 0.36	50.36 2.66 -0.14	47.18 2.66 -0.17	44.09 2.79 -0.88	44.10 2.50 -1.26	45.06 2.49 -2.98	44.99 2.61 -2.91	46.86 2.74 -2.60	52.11 3.11 -2.55	67.36 4.27 -0.29	86.18 4.63 -13.47	70.29 4.35 0.00	56.94 3.57 0.00	50.19 3.11 0.00	42.90 2.58 0.00	40.58 2.40 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	40.66 2.66 0.00	38.00 2.39 0.00	37.04 2.29 0.00	36.37 2.25 0.00	36.42 2.19 0.00	39.70 2.49 0.00	57.33 3.45 -0.02	74.34 5.14 -1.64	71.14 4.32 -0.36	50.85 3.00 -0.30	47.76 3.06 -0.36	44.66 3.15 -1.08	44.70 2.86 -1.49	45.93 2.89 -3.46	45.80 3.00 -3.32	47.71 3.16 -3.03	52.91 3.58 -2.89	67.84 4.71 -0.33	88.07 5.04 -14.95	70.63 4.68 0.00	57.20 3.84 0.00	50.42 3.34 0.00	43.11 2.78 0.00	40.77 2.60 0.00
W50THST__13_KV_LOAD 356117	40.77 2.77 0.00	38.15 2.53 0.00	37.14 2.40 0.00	36.47 2.35 0.00	36.53 2.29 0.00	39.85 2.64 0.00	57.60 3.72 -0.02	74.75 5.54 -1.64	71.54 4.72 -0.36	51.18 3.33 -0.30	48.03 3.33 -0.36	44.94 3.44 -1.08	44.98 3.15 -1.49	46.20 3.17 -3.46	46.07 3.28 -3.32	48.00 3.45 -3.03	53.14 3.81 -2.89	68.16 5.02 -0.33	88.41 5.38 -14.95	70.96 5.01 0.00	57.42 4.06 0.00	50.61 3.53 0.00	43.27 2.94 0.00	40.88 2.71 0.00
WADING RIVER_IC_1 23522	39.98 1.97 0.00	37.26 1.64 0.00	36.38 1.63 0.00	35.68 1.57 0.00	35.84 1.61 0.00	39.55 2.35 0.00	49.90 1.51 5.48	50.54 3.11 20.14	49.81 2.13 18.78	44.87 1.19 3.88	41.04 1.38 4.68	40.92 2.10 1.61	41.00 1.69 1.03	41.66 1.70 -0.38	43.39 1.93 -1.97	43.31 2.12 0.33	51.48 2.69 -2.35	66.49 3.51 -0.17	86.94 3.95 -14.92	73.44 3.69 -3.81	56.18 2.83 0.00	49.85 2.78 0.00	42.57 2.26 0.00	40.31 2.14 0.00
WADING RIVER_IC_2 23547	39.98 1.97 0.00	37.26 1.64 0.00	36.38 1.63 0.00	35.68 1.57 0.00	35.84 1.61 0.00	39.55 2.35 0.00	49.90 1.51 5.48	50.54 3.11 20.14	49.81 2.13 18.78	44.87 1.19 3.88	41.04 1.38 4.68	40.92 2.10 1.61	41.00 1.69 1.03	41.66 1.70 -0.38	43.39 1.93 -1.97	43.31 2.12 0.33	51.48 2.69 -2.35	66.49 3.51 -0.17	86.94 3.95 -14.92	73.44 3.69 -3.81	56.18 2.83 0.00	49.85 2.78 0.00	42.57 2.26 0.00	40.31 2.14 0.00
WADING RIVER_IC_3 23601	39.98 1.97 0.00	37.26 1.64 0.00	36.38 1.63 0.00	35.68 1.57 0.00	35.84 1.61 0.00	39.55 2.35 0.00	49.90 1.51 5.48	50.54 3.11 20.14	49.81 2.13 18.78	44.87 1.19 3.88	41.04 1.38 4.68	40.92 2.10 1.61	41.00 1.69 1.03	41.66 1.70 -0.38	43.39 1.93 -1.97	43.31 2.12 0.33	51.48 2.69 -2.35	66.49 3.51 -0.17	86.94 3.95 -14.92	73.44 3.69 -3.81	56.18 2.83 0.00	49.85 2.78 0.00	42.57 2.26 0.00	40.31 2.14 0.00
WALDENNY_12_KV_BK2 80841	37.32 -0.68 0.00	34.94 -0.68 0.00	34.16 -0.59 0.00	33.23 -0.89 0.00	33.38 -0.86 0.00	35.98 -1.23 0.00	51.49 -2.37 0.00	63.38 -4.19 0.00	58.11 -3.79 4.56	45.85 -1.71 0.00	42.13 -2.22 0.00	39.44 -1.01 -0.03	39.17 -1.21 -0.04	38.53 -1.15 -0.09	38.15 -1.42 -0.09	39.73 -1.87 -0.08	43.46 -3.07 -0.08	57.98 -4.84 -0.01	63.11 -5.38 -0.41	61.59 -4.35 0.00	50.00 -3.36 0.00	44.63 -2.45 0.00	38.22 -2.10 0.00	36.38 -1.79 0.00
WALDEN__HYDRO 24148	40.28 2.28 0.00	37.72 2.10 0.00	36.76 2.02 0.00	36.09 1.98 0.00	36.15 1.92 0.00	39.40 2.20 0.00	57.05 3.18 0.00	72.52 4.59 -0.36	68.98 3.32 0.81	49.79 2.19 -0.04	46.53 2.13 -0.05	43.01 2.26 -0.32	42.78 1.98 -0.46	42.66 1.98 -1.10	42.65 2.09 -1.08	44.72 2.24 -0.96	50.04 2.65 -0.95	66.62 3.71 -0.11	77.13 4.15 -4.90	69.76 3.82 0.00	56.56 3.20 0.00	49.85 2.78 0.00	42.62 2.30 0.00	40.31 2.14 0.00
WARRENSBURG____ 23737	39.10 1.10 0.00	36.76 1.14 0.00	35.89 1.15 0.00	35.21 1.09 0.00	35.36 1.13 0.00	41.64 1.23 -3.20	68.00 1.89 -12.25	79.45 2.36 -9.52	71.07 1.53 -3.08	53.80 0.81 -5.43	49.49 0.62 -4.52	42.75 0.49 -1.84	40.29 0.12 0.18	39.20 0.04 0.42	39.35 0.28 0.41	42.71 0.37 -0.81	52.98 0.98 -5.56	83.57 1.63 -19.13	96.52 2.18 -26.26	67.52 1.58 0.00	54.69 1.33 0.00	48.25 1.18 0.00	41.37 1.05 0.00	39.28 1.11 0.00
WATERSIDE____6 8 9 23538	40.82 2.81 -0.01	38.15 2.53 -0.01	37.19 2.43 -0.01	36.51 2.39 -0.01	36.57 2.33 -0.01	39.81 2.60 0.00	57.12 3.23 -0.02	74.05 4.59 -1.89	70.83 3.79 -0.58	50.61 2.71 -0.34	47.60 2.84 -0.41	44.53 2.99 -1.11	44.57 2.70 -1.52	45.76 2.69 -3.49	45.73 2.92 -3.33	47.58 2.99 -3.07	52.78 3.44 -2.90	67.66 4.52 -0.33	87.86 4.83 -14.95	70.43 4.48 -0.01	57.05 3.68 -0.01	50.33 3.25 -0.01	43.27 2.94 -0.01	40.93 2.75 -0.01
WATKINRD_115KV_LN8_ILLION 55919	39.41 1.41 0.00	36.94 1.32 0.00	36.03 1.29 0.00	35.34 1.23 0.00	35.47 1.23 0.00	38.58 1.38 0.00	55.96 2.10 0.00	70.13 2.57 0.00	68.99 2.53 0.00	49.32 1.76 0.00	45.90 1.55 0.00	41.84 1.41 0.00	41.67 1.33 0.00	40.85 1.27 0.00	40.70 1.22 0.00	42.81 1.29 0.00	47.97 1.53 0.00	64.88 2.07 0.00	70.46 2.38 0.00	68.12 2.18 0.00	55.12 1.76 0.00	48.72 1.65 0.00	41.65 1.33 0.00	39.35 1.18 0.00

WDELAWARE___HYD 323627	40.40 2.40 0.00	37.83 2.21 0.00	36.94 2.19 0.00	36.20 2.08 0.00	36.29 2.05 0.00	39.55 2.35 0.00	57.32 3.45 0.00	72.94 5.13 -0.24	68.78 3.92 1.60	49.69 2.57 0.43	46.34 2.35 0.35	42.89 2.43 -0.04	42.82 2.18 -0.30	42.40 2.10 -0.72	42.35 2.17 -0.70	44.41 2.37 -0.53	49.33 2.83 -0.05	65.18 4.14 1.77	73.48 4.83 -0.57	71.26 4.49 -0.83	57.04 3.68 0.00	50.37 3.29 0.00	42.98 2.66 0.00	40.58 2.41 0.00
WEST BABYLON___IC 23714	40.66 2.66 0.00	37.90 2.28 0.00	37.01 2.26 0.00	36.26 2.15 0.00	36.39 2.16 0.00	39.74 2.53 0.00	51.36 2.10 4.61	54.67 4.05 16.95	53.65 2.99 15.80	46.24 1.95 3.27	42.71 2.31 3.94	42.00 2.79 1.21	42.14 2.46 0.66	42.91 2.49 -0.83	44.41 2.76 -2.17	44.43 2.74 -0.17	52.17 3.30 -2.43	67.65 4.65 -0.20	88.24 5.24 -14.92	70.81 4.88 0.00	57.14 3.79 0.00	50.32 3.25 0.00	43.02 2.70 0.00	40.69 2.52 0.00
WEST CANADA___HYD 24049	38.23 0.23 0.00	35.83 0.22 0.00	34.99 0.24 0.00	34.32 0.21 0.00	34.44 0.21 0.00	37.43 0.22 0.00	54.24 0.38 0.00	68.04 0.48 0.00	66.01 0.47 0.92	47.84 0.29 0.00	44.52 0.18 0.00	40.63 0.20 0.00	40.46 0.12 0.00	39.70 0.12 0.00	39.60 0.12 0.00	41.64 0.12 0.00	46.63 0.19 0.00	63.12 0.32 0.00	68.42 0.34 0.00	66.27 0.33 0.00	53.63 0.27 0.00	47.36 0.28 0.00	40.52 0.20 0.00	38.36 0.19 0.00
WESTERN_NY_WIND 24143	37.73 -0.27 0.00	35.37 -0.25 0.00	34.61 -0.14 0.00	33.64 -0.48 0.00	33.86 -0.38 0.00	36.46 -0.74 0.00	52.41 -1.45 0.00	65.00 -2.57 0.00	59.45 -2.39 4.62	46.70 -0.86 0.00	43.15 -1.20 0.00	40.16 -0.28 -0.02	39.93 -0.44 -0.03	39.35 -0.32 -0.08	38.97 -0.59 -0.08	40.72 -0.87 -0.07	44.70 -1.81 -0.07	59.80 -3.01 -0.01	64.95 -3.47 -0.35	63.17 -2.77 0.00	51.22 -2.13 0.00	45.66 -1.41 0.00	38.91 -1.41 0.00	37.06 -1.11 0.00
WESTOVER___LESR 323668	38.30 0.30 0.00	35.83 0.21 0.00	34.95 0.21 0.00	34.29 0.17 0.00	34.41 0.17 0.00	37.32 0.11 0.00	54.24 0.38 0.00	67.84 0.20 -0.07	62.17 -0.33 3.96	47.38 -0.19 -0.01	44.13 -0.22 -0.01	40.60 0.12 -0.06	40.38 -0.04 -0.08	39.78 0.00 -0.20	39.63 -0.04 -0.19	41.61 -0.08 -0.17	46.33 -0.28 -0.17	62.45 -0.38 -0.02	68.71 -0.20 -0.83	65.81 -0.13 0.00	53.20 -0.16 0.00	47.08 0.00 0.00	40.28 -0.04 0.00	38.13 -0.04 0.00
WETHRSFD_WT_PWR 323626	37.92 -0.08 0.00	35.44 -0.18 0.00	34.37 -0.38 0.00	33.64 -0.48 0.00	33.65 -0.58 0.00	36.39 -0.82 0.00	52.90 -0.97 0.00	65.73 -1.89 -0.05	57.46 -3.39 5.62	4.06 -3.04 40.46	4.00 -3.02 37.33	1.00 -2.22 37.20	1.04 -2.42 36.88	1.00 -2.25 36.33	1.00 -2.33 36.15	38.89 -2.74 -0.11	42.89 -3.67 -0.12	57.60 -5.21 -0.01	62.91 -5.51 -0.35	61.05 -5.01 -0.12	49.20 -4.16 0.00	43.78 -3.30 0.00	37.74 -2.58 0.00	35.92 -2.25 0.00
WHAVSTOR_138KV_BK127 55557	40.32 2.32 0.00	37.72 2.10 0.00	36.76 2.02 0.00	36.09 1.98 0.00	36.19 1.95 0.00	39.40 2.20 0.00	57.00 3.12 -0.01	73.05 4.59 -0.89	69.57 3.46 0.35	50.03 2.33 -0.15	46.87 2.35 -0.18	43.83 2.51 -0.90	43.88 2.26 -1.28	44.89 2.26 -3.05	44.82 2.37 -2.97	46.66 2.49 -2.65	51.93 2.88 -2.61	66.99 3.89 -0.29	85.87 4.22 -13.58	69.90 3.96 0.00	56.62 3.25 0.00	49.95 2.87 0.00	42.74 2.42 0.00	40.42 2.25 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	40.32 2.32 0.00	37.72 2.10 0.00	36.76 2.02 0.00	36.09 1.98 0.00	36.19 1.95 0.00	39.40 2.20 0.00	57.00 3.12 -0.01	73.05 4.59 -0.89	69.57 3.46 0.35	50.03 2.33 -0.15	46.87 2.35 -0.18	43.83 2.51 -0.90	43.88 2.26 -1.28	44.89 2.26 -3.05	44.82 2.37 -2.97	46.66 2.49 -2.65	51.93 2.88 -2.61	66.99 3.89 -0.29	85.87 4.22 -13.58	69.90 3.96 0.00	56.62 3.25 0.00	49.95 2.87 0.00	42.74 2.42 0.00	40.42 2.25 0.00
WHITEHAL_115KV_TB1 80871	39.90 1.90 0.00	37.47 1.85 0.00	36.59 1.84 0.00	35.89 1.77 0.00	36.05 1.81 0.00	42.73 2.05 -3.47	70.27 3.12 -13.29	81.81 3.92 -10.33	72.73 2.86 -3.41	55.11 1.66 -5.89	50.58 1.33 -4.90	43.52 1.09 -2.01	40.85 0.69 0.18	39.75 0.59 0.42	39.94 0.87 0.41	43.38 0.95 -0.91	54.31 1.81 -6.06	86.36 2.83 -20.73	100.34 3.68 -28.59	68.84 2.90 0.00	55.81 2.45 0.00	49.15 2.07 0.00	42.17 1.85 0.00	40.04 1.87 0.00
WHITEPLN_13_KV_LOAD 356215	40.70 2.70 0.00	38.11 2.49 0.00	37.11 2.36 0.00	36.43 2.32 0.00	36.53 2.29 0.00	39.77 2.57 0.00	57.65 3.77 -0.01	74.08 5.41 -1.11	70.87 4.52 0.11	50.98 3.23 -0.19	47.77 3.19 -0.23	44.72 3.27 -1.02	44.81 3.03 -1.44	46.00 3.01 -3.41	45.87 3.08 -3.32	47.77 3.28 -2.98	52.97 3.62 -2.91	67.91 4.77 -0.33	88.29 5.11 -15.11	70.76 4.81 0.00	57.31 3.95 0.00	50.52 3.44 0.00	43.11 2.78 0.00	40.80 2.63 0.00
WM_FLOYD_69_KV_BK2 356380	40.09 2.09 0.00	37.40 1.78 0.00	36.48 1.74 0.00	35.79 1.67 0.00	35.91 1.68 0.00	39.44 2.23 0.00	50.03 1.62 5.45	50.81 3.31 20.06	50.21 2.26 18.51	45.02 1.33 3.87	41.41 1.73 4.66	41.05 2.22 1.60	41.14 1.82 1.02	41.83 1.86 -0.39	43.59 2.13 -1.98	43.45 2.24 0.31	51.63 2.83 -2.35	66.68 3.71 -0.17	87.08 4.08 -14.92	69.69 3.76 0.00	56.29 2.93 0.00	49.80 2.73 0.00	42.57 2.26 0.00	40.35 2.18 0.00
WOODARD___115KV_TB2 355635	37.43 -0.57 0.00	35.07 -0.57 -0.02	34.22 -0.56 -0.03	33.60 -0.58 -0.06	33.69 -0.55 0.00	36.61 -0.60 0.00	53.11 -0.75 0.00	66.62 -0.95 0.00	62.61 -1.40 2.46	46.92 -0.90 -0.26	43.98 -0.62 -0.26	40.10 -0.40 -0.08	39.89 -0.52 -0.07	39.22 -0.47 -0.12	38.97 -0.51 0.00	40.98 -0.54 0.00	45.70 -0.74 0.00	61.80 -1.00 0.00	67.05 -1.02 0.00	64.95 -0.99 0.00	52.50 -0.85 0.00	46.37 -0.71 0.00	39.67 -0.65 0.00	37.52 -0.65 0.00
WOODMERE_69_KV_BK1 55827	40.66 2.66 0.00	37.93 2.32 0.00	37.01 2.26 0.00	36.30 2.18 0.00	36.36 2.12 0.00	39.70 2.49 0.00	56.02 2.69 0.54	70.95 4.73 1.35	67.94 3.72 2.24	49.75 2.47 0.28	46.88 2.88 0.34	44.44 3.31 -0.70	44.47 2.99 -1.14	45.57 2.97 -3.02	45.80 3.20 -3.12	47.40 3.32 -2.56	53.15 3.90 -2.81	68.25 5.15 -0.30	88.65 5.65 -14.92	71.28 5.34 0.00	57.52 4.16 0.00	50.51 3.44 0.00	43.18 2.86 0.00	40.61 2.44 0.00
YORK___WARBASSE 23770	41.01 3.00 -0.01	38.33 2.71 -0.01	37.33 2.57 -0.01	36.61 2.49 -0.01	36.71 2.46 -0.01	39.92 2.72 0.00	57.07 3.18 -0.02	73.61 4.26 -1.79	70.41 3.46 -0.49	50.36 2.47 -0.33	47.36 2.62 -0.40	44.32 2.79 -1.10	44.36 2.50 -1.52	45.56 2.49 -3.48	45.65 2.84 -3.33	47.36 2.78 -3.06	52.78 3.44 -2.90	67.66 4.52 -0.33	87.86 4.83 -14.95	70.43 4.48 -0.01	57.05 3.68 -0.01	50.33 3.25 -0.01	43.39 3.06 -0.01	41.12 2.94 -0.01