

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

10/20/2025

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	35.18	32.93	31.97	31.59	31.63	36.83	46.85	58.51	59.15	55.92	54.99	50.99	47.76	46.47	45.75	46.71	52.92	63.79	73.42	71.77	54.84	46.37	40.37	37.04
24138	2.52	2.24	2.04	1.87	1.93	2.34	2.86	4.03	3.86	3.61	3.67	3.51	3.37	3.40	3.39	3.42	3.83	4.72	5.69	5.35	3.78	3.03	2.89	2.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.08	-0.12	0.00	-0.30	-0.09	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	-0.32	0.00	0.00	0.00	0.00
74TH STREET_GT_1	35.21	32.96	31.97	31.62	31.63	36.83	46.85	58.52	59.04	55.87	54.89	50.91	47.72	46.43	45.71	46.66	52.87	63.73	73.36	71.77	54.84	46.37	40.37	37.07
24260	2.55	2.27	2.04	1.90	1.93	2.34	2.86	4.03	3.75	3.56	3.57	3.41	3.33	3.36	3.35	3.38	3.78	4.67	5.62	5.35	3.78	3.03	2.89	2.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.08	-0.12	0.00	-0.30	-0.11	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.33	-0.01	0.00	0.00	0.00
74TH STREET_GT_2	35.21	32.96	31.97	31.62	31.63	36.83	46.85	58.52	59.04	55.87	54.89	50.91	47.72	46.43	45.71	46.66	52.87	63.73	73.36	71.77	54.84	46.37	40.37	37.07
24261	2.55	2.27	2.04	1.90	1.93	2.34	2.86	4.03	3.75	3.56	3.57	3.41	3.33	3.36	3.35	3.38	3.78	4.67	5.62	5.35	3.78	3.03	2.89	2.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.08	-0.12	0.00	-0.30	-0.11	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.33	-0.01	0.00	0.00	0.00
ADK HUDSON___FALLS	34.20	32.10	31.28	31.03	31.00	35.96	45.84	56.85	57.40	54.51	52.84	49.05	45.84	44.48	43.79	44.80	51.47	67.15	70.71	68.63	53.05	44.98	38.91	35.93
24011	1.54	1.41	1.35	1.31	1.31	1.48	1.85	2.50	2.32	2.20	2.04	1.66	1.46	1.42	1.44	1.51	1.96	2.60	2.98	2.78	1.99	1.65	1.42	1.32
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.08	0.00	0.22	0.00	0.00	0.00	0.00	0.00	-0.42	-5.49	0.00	0.24	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	34.30	32.17	31.37	31.09	31.06	36.07	45.97	57.07	57.57	54.67	52.99	49.15	45.93	44.52	43.88	44.89	51.55	67.12	70.91	68.83	53.20	45.11	38.99	36.00
23798	1.63	1.47	1.44	1.37	1.37	1.59	1.98	2.72	2.48	2.36	2.19	1.75	1.55	1.46	1.52	1.60	2.06	2.78	3.18	2.98	2.14	1.78	1.50	1.39
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.08	0.00	0.22	0.00	0.00	0.00	0.00	0.00	-0.40	-5.29	0.00	0.23	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	34.20	32.10	31.28	31.03	31.00	35.96	45.84	56.85	57.40	54.51	52.84	49.05	45.84	44.48	43.79	44.80	51.47	67.15	70.71	68.63	53.05	44.98	38.91	35.93
24028	1.54	1.41	1.35	1.31	1.31	1.48	1.85	2.50	2.32	2.20	2.04	1.66	1.46	1.42	1.44	1.51	1.96	2.60	2.98	2.78	1.99	1.65	1.42	1.32
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.08	0.00	0.22	0.00	0.00	0.00	0.00	0.00	-0.42	-5.49	0.00	0.24	0.00	0.00	0.00	0.00
ADK_NYS___DAM	34.56	32.44	31.46	31.27	31.36	36.44	46.36	56.83	57.35	54.61	52.66	49.43	46.37	45.04	44.47	45.40	52.53	72.20	71.32	68.92	53.56	45.50	39.36	36.48
23527	1.89	1.75	1.53	1.54	1.66	1.96	2.37	2.56	2.37	2.30	2.14	2.04	2.00	1.98	2.12	2.12	2.70	3.31	3.59	3.37	2.50	2.17	1.87	1.87
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.19	0.00	0.49	0.00	0.00	0.00	0.00	0.00	-0.75	-9.84	0.00	0.54	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	33.12	31.18	30.29	30.08	30.05	34.89	44.16	54.58	55.15	52.37	50.89	47.44	44.46	43.19	42.52	43.46	48.80	52.40	68.00	66.10	51.11	43.38	37.75	34.92
24190	0.46	0.49	0.36	0.36	0.36	0.41	0.18	0.22	0.06	0.05	0.05	0.05	0.09	0.13	0.17	0.17	0.25	0.35	0.27	0.20	0.05	0.04	0.26	0.31
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.07	0.00	0.18	0.00	0.00	0.00	0.00	0.00	0.53	7.01	0.00	0.19	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	32.73	30.79	30.02	29.87	29.87	34.58	44.30	54.68	55.66	52.73	51.42	47.87	44.69	43.40	42.61	43.63	49.48	59.53	67.93	66.42	51.16	43.42	37.52	34.75
355683	0.07	0.09	0.09	0.15	0.18	0.10	0.31	0.27	0.50	0.42	0.41	0.47	0.31	0.34	0.25	0.35	0.39	0.47	0.20	0.33	0.10	0.09	0.04	0.14
	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	33.78	31.74	30.89	30.67	30.79	35.72	45.40	56.34	56.90	53.73	52.25	48.29	45.22	43.92	43.33	44.37	49.95	55.91	69.42	67.69	52.23	44.37	38.50	35.58
323833	1.11	1.04	0.96	0.95	1.10	1.24	1.41	1.96	1.76	1.41	1.32	0.90	0.84	0.86	0.97	1.08	1.23	1.60	1.69	1.72	1.18	1.04	1.01	0.97
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.03	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.36	4.74	0.00	0.12	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	33.78	31.74	30.89	30.67	30.76	35.72	45.40	56.29	56.84	53.73	52.25	48.29	45.22	43.92	43.28	44.32	49.95	55.91	69.42	67.69	52.23	44.37	38.50	35.58
323834	1.11	1.04	0.96	0.95	1.07	1.24	1.41	1.90	1.71	1.41	1.32	0.90	0.84	0.86	0.93	1.04	1.23	1.60	1.69	1.72	1.18	1.04	1.01	0.97
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.03	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.36	4.74	0.00	0.12	0.00	0.00	0.00	0.00
ALBANY___1	33.12	31.18	30.29	30.08	30.05	34.89	44.16	54.58	55.15	52.37	50.89	47.44	44.46	43.19	42.52	43.46	48.80	52.40	68.00	66.10	51.11	43.38	37.75	34.92
23571	0.46	0.49	0.36	0.36	0.36	0.41	0.18	0.22	0.06	0.05	0.05	0.05	0.09	0.13	0.17	0.17	0.25	0.35	0.27	0.20	0.05	0.04	0.26	0.31
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.07	0.00	0.18	0.00	0.00	0.00	0.00	0.00	0.53	7.01	0.00	0.19	0.00	0.00	0.00	0.00

ALBANY___2 23572	33.12 0.46 0.00	31.18 0.49 0.00	30.29 0.36 0.00	30.08 0.36 0.00	30.05 0.36 0.00	34.89 0.41 0.00	44.16 0.18 0.00	54.58 0.22 0.05	55.15 0.06 0.07	52.37 0.05 0.00	50.89 0.05 0.18	47.44 0.05 0.00	44.46 0.09 0.00	43.19 0.13 0.00	42.52 0.17 0.00	43.46 0.17 0.00	48.80 0.25 0.53	52.40 0.35 7.01	68.00 0.27 0.00	66.10 0.20 0.19	51.11 0.05 0.00	43.38 0.04 0.00	37.75 0.26 0.00	34.92 0.31 0.00
ALBANY___3 23573	33.12 0.46 0.00	31.18 0.49 0.00	30.29 0.36 0.00	30.08 0.36 0.00	30.05 0.36 0.00	34.89 0.41 0.00	44.16 0.18 0.00	54.58 0.22 0.05	55.15 0.06 0.07	52.37 0.05 0.00	50.89 0.05 0.18	47.44 0.05 0.00	44.46 0.09 0.00	43.19 0.13 0.00	42.52 0.17 0.00	43.46 0.17 0.00	48.80 0.25 0.53	52.40 0.35 7.01	68.00 0.27 0.00	66.10 0.20 0.19	51.11 0.05 0.00	43.38 0.04 0.00	37.75 0.26 0.00	34.92 0.31 0.00
ALBANY___4 23574	33.12 0.46 0.00	31.18 0.49 0.00	30.29 0.36 0.00	30.08 0.36 0.00	30.05 0.36 0.00	34.89 0.41 0.00	44.16 0.18 0.00	54.58 0.22 0.05	55.15 0.06 0.07	52.37 0.05 0.00	50.89 0.05 0.18	47.44 0.05 0.00	44.46 0.09 0.00	43.19 0.13 0.00	42.52 0.17 0.00	43.46 0.17 0.00	48.80 0.25 0.53	52.40 0.35 7.01	68.00 0.27 0.00	66.10 0.20 0.19	51.11 0.05 0.00	43.38 0.04 0.00	37.75 0.26 0.00	34.92 0.31 0.00
ALBANY___LFGE 323615	33.42 0.75 0.00	31.43 0.74 0.00	30.53 0.60 0.00	30.32 0.59 0.00	30.29 0.59 0.00	35.21 0.73 0.00	44.56 0.57 0.00	55.17 0.82 0.05	55.80 0.72 0.08	52.99 0.68 0.00	51.48 0.66 0.20	47.96 0.57 0.00	44.95 0.58 0.00	43.66 0.60 0.00	43.03 0.68 0.00	43.93 0.65 0.00	49.30 0.78 0.57	52.54 1.00 7.52	68.75 1.02 0.00	66.80 0.92 0.22	51.67 0.61 0.00	43.86 0.52 0.00	38.12 0.64 0.00	35.27 0.66 0.00
ALCOA_PA_115KV_PL-6C 55860	32.90 0.23 0.00	30.94 0.25 0.00	30.17 0.24 0.00	30.05 0.33 0.00	30.02 0.33 0.00	34.72 0.24 0.00	44.56 0.57 0.00	54.95 0.54 0.00	55.99 0.83 0.00	52.99 0.68 0.00	51.73 0.71 0.00	48.10 0.71 0.00	44.91 0.53 0.00	43.62 0.56 0.00	42.78 0.42 0.00	43.80 0.52 0.00	49.72 0.64 0.00	59.77 0.71 0.00	68.20 0.47 0.00	66.75 0.66 0.00	51.41 0.36 0.00	43.64 0.30 0.00	37.71 0.22 0.00	34.96 0.35 0.00
ALCOA_RYNLDS___DRP 24188	32.90 0.23 0.00	30.94 0.25 0.00	30.17 0.24 0.00	30.05 0.33 0.00	30.02 0.33 0.00	34.72 0.24 0.00	44.56 0.57 0.00	54.95 0.54 0.00	55.99 0.83 0.00	52.99 0.68 0.00	51.73 0.71 0.00	48.10 0.71 0.00	44.91 0.53 0.00	43.62 0.56 0.00	42.78 0.42 0.00	43.80 0.52 0.00	49.72 0.64 0.00	59.77 0.71 0.00	68.20 0.47 0.00	66.75 0.66 0.00	51.41 0.36 0.00	43.64 0.30 0.00	37.71 0.22 0.00	34.96 0.35 0.00
ALCOA___DSASP 323711	32.90 0.23 0.00	30.94 0.24 0.00	30.17 0.24 0.00	30.05 0.33 0.00	30.02 0.33 0.00	34.72 0.24 0.00	44.56 0.57 0.00	54.95 0.54 0.00	55.99 0.83 0.00	52.99 0.68 0.00	51.73 0.71 0.00	48.11 0.71 0.00	44.91 0.53 0.00	43.61 0.56 0.00	42.73 0.38 0.00	43.80 0.52 0.00	49.72 0.64 0.00	59.77 0.71 0.00	68.21 0.48 0.00	66.75 0.66 0.00	51.41 0.36 0.00	43.64 0.31 0.00	37.71 0.23 0.00	34.96 0.35 0.00
ALLEGHENY___COGEN 23514	33.22 0.55 0.00	31.37 0.67 0.00	30.86 0.93 0.00	30.47 0.74 0.00	30.23 0.54 0.00	35.07 0.59 0.00	44.78 0.79 0.00	55.06 0.66 0.00	55.55 0.39 0.00	52.16 -0.16 0.00	50.35 -0.66 0.00	46.54 -0.85 0.00	43.31 -1.07 0.00	42.15 -0.91 0.00	41.55 -0.81 0.00	42.59 -0.69 0.00	48.35 -0.73 0.00	58.82 -0.24 0.00	69.35 1.62 0.00	67.88 1.79 0.00	52.95 1.89 0.00	45.07 1.74 0.00	38.69 1.20 0.00	35.62 1.00 0.00
ALTAMONT_115KV_TB 2 55880	33.42 0.75 0.00	31.40 0.71 0.00	30.56 0.63 0.00	30.35 0.62 0.00	30.32 0.62 0.00	35.20 0.72 0.00	44.69 0.70 0.00	55.30 0.92 0.03	55.90 0.77 0.04	52.99 0.68 0.00	51.58 0.66 0.10	48.01 0.62 0.00	45.00 0.62 0.00	43.74 0.69 0.00	43.07 0.72 0.00	44.02 0.74 0.00	49.68 0.88 0.28	56.37 1.06 3.75	68.88 1.15 0.00	67.04 1.06 0.11	51.82 0.77 0.00	43.99 0.65 0.00	38.20 0.71 0.00	35.27 0.66 0.00
ALTONA_WT_PWR 323606	31.98 -0.69 0.00	30.05 -0.65 0.00	29.15 -0.78 0.00	29.04 -0.68 0.00	29.10 -0.59 0.00	33.65 -0.83 0.00	42.62 -1.36 0.00	52.61 -1.79 0.00	54.00 -1.16 0.00	51.47 -0.84 0.00	50.45 -0.56 0.00	47.16 -0.24 0.00	44.07 -0.31 0.00	42.84 -0.21 0.00	41.89 -0.46 0.00	43.02 -0.26 0.00	48.89 -0.20 0.00	58.65 -0.41 0.00	66.58 -1.15 0.00	65.10 -0.99 0.00	49.83 -1.23 0.00	41.99 -1.34 0.00	36.44 -1.05 0.00	33.75 -0.86 0.00
AMERICAN_REF_FUEL 24010	31.36 -1.31 0.00	29.68 -1.01 0.00	29.18 -0.75 0.00	29.04 -0.68 0.00	28.80 -0.89 0.00	32.89 -1.59 0.00	41.13 -2.86 0.00	49.51 -4.90 0.00	50.09 -5.07 0.00	47.97 -4.34 0.00	46.78 -4.23 0.00	43.70 -3.70 0.00	41.00 -3.37 0.00	39.61 -3.45 0.00	39.13 -3.22 0.00	40.04 -3.25 0.00	44.47 -4.62 0.00	53.33 -5.73 0.00	61.90 -5.83 0.00	60.41 -5.68 0.00	48.15 -2.91 0.00	41.91 -1.43 0.00	36.14 -1.35 0.00	33.64 -0.97 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	31.88 -0.78 0.00	30.05 -0.65 0.00	29.45 -0.48 0.00	28.80 -0.92 0.00	28.45 -1.25 0.00	32.62 -1.86 0.00	41.17 -2.82 0.00	49.89 -4.52 0.00	50.26 -4.91 0.00	47.81 -4.50 0.00	46.58 -4.44 0.00	43.41 -3.98 0.00	40.82 -3.55 0.00	39.40 -3.66 0.00	38.93 -3.43 0.00	40.04 -3.25 0.00	44.81 -4.27 0.00	54.22 -4.84 0.00	63.59 -4.13 0.00	62.85 -3.24 0.00	49.83 -1.23 0.00	43.16 -0.17 0.00	37.37 -0.11 0.00	34.58 -0.03 0.00
ARTHUR KILL_GT_1 23520	35.55 2.87 -0.01	33.28 2.58 -0.01	32.33 2.39 -0.01	31.99 2.26 -0.01	32.02 2.32 -0.01	37.25 2.76 -0.01	46.85 2.86 0.00	58.19 3.70 -0.08	58.43 3.14 -0.12	55.24 2.93 0.00	54.32 3.01 -0.30	50.15 2.65 -0.11	47.23 2.84 -0.01	46.04 2.97 -0.01	45.32 2.96 -0.01	46.32 3.03 -0.01	52.48 3.39 -0.01	63.37 4.31 -0.01	72.95 5.22 -0.01	71.31 4.89 -0.33	54.43 3.37 -0.01	46.24 2.90 0.00	40.64 3.15 -0.01	37.46 2.84 -0.01
ARTHUR_KILL_2 23512	35.45 2.78 -0.01	33.19 2.49 -0.01	32.24 2.30 -0.01	31.90 2.17 -0.01	31.93 2.23 -0.01	37.14 2.66 -0.01	46.72 2.73 0.00	57.97 3.48 -0.08	58.27 2.98 -0.12	55.08 2.77 0.00	54.17 2.86 -0.30	49.87 2.37 -0.11	47.14 2.75 -0.01	45.87 2.80 -0.01	45.24 2.88 -0.01	46.19 2.90 -0.01	52.33 3.24 -0.01	63.19 4.13 -0.01	72.75 5.01 -0.01	71.11 4.69 -0.33	54.28 3.22 -0.01	46.15 2.82 0.00	40.60 3.11 -0.01	37.39 2.77 -0.01
ARTHUR_KILL_3 23513	34.95 2.29 0.00	32.66 1.97 0.00	31.70 1.77 0.00	31.33 1.60 0.00	31.36 1.66 0.00	36.51 2.03 0.00	46.41 2.42 0.00	58.02 3.53 -0.08	58.60 3.31 -0.12	55.40 3.09 0.00	54.43 3.11 -0.30	50.53 3.04 -0.10	47.31 2.93 -0.01	46.00 2.93 -0.01	45.37 3.01 0.00	46.27 2.98 0.00	52.47 3.38 -0.01	63.25 4.19 0.00	72.82 5.08 0.00	71.18 4.76 -0.32	54.38 3.32 -0.01	46.02 2.69 0.00	40.07 2.58 0.00	36.76 2.15 0.00

ARTHUR_KILL_COGEN 323718	35.55 2.88 -0.01	33.28 2.58 -0.01	32.30 2.36 -0.01	31.99 2.26 -0.01	32.02 2.32 -0.01	37.25 2.76 -0.01	46.85 2.86 0.00	58.13 3.65 -0.08	58.43 3.14 -0.12	55.24 2.93 0.00	54.32 3.01 -0.30	50.01 2.51 -0.11	47.23 2.84 -0.01	46.00 2.93 -0.01	45.37 3.01 -0.01	46.32 3.03 -0.01	52.48 3.38 -0.01	63.37 4.31 -0.01	72.95 5.22 -0.01	71.31 4.89 -0.33	54.43 3.37 -0.01	46.28 2.95 0.00	40.72 3.22 -0.01	37.46 2.84 -0.01
ASHOKAN____ 23654	34.33 1.67 0.00	32.17 1.47 0.00	31.25 1.32 0.00	30.97 1.25 0.00	31.03 1.34 0.00	36.03 1.55 0.00	45.97 1.98 0.00	58.76 4.35 0.00	59.30 4.14 0.00	54.67 2.36 0.00	54.53 3.52 0.00	49.01 1.61 0.00	45.97 1.60 0.00	44.65 1.59 0.00	43.96 1.61 0.00	45.02 1.73 0.00	52.12 3.29 0.26	60.03 4.37 3.40	71.25 3.52 0.00	71.44 5.35 0.00	53.20 2.14 0.00	45.07 1.74 0.00	39.02 1.54 0.00	36.07 1.45 0.00
ASTORIA_EAST_ENERGY_CC1 323581	35.13 2.45 -0.01	32.85 2.15 -0.01	31.91 1.98 -0.01	31.57 1.84 -0.01	31.57 1.87 -0.01	36.76 2.28 -0.01	46.85 2.86 0.00	58.08 3.59 -0.08	58.54 3.25 -0.12	55.29 2.98 0.01	54.43 3.11 -0.30	50.57 3.08 -0.10	47.35 2.97 0.00	46.08 3.01 -0.01	45.41 3.05 -0.01	46.32 3.03 -0.01	52.48 3.38 -0.01	63.32 4.25 -0.01	72.88 5.14 -0.01	71.24 4.82 -0.33	54.38 3.32 -0.01	46.32 2.99 0.00	40.38 2.89 -0.01	37.04 2.42 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	35.13 2.45 -0.01	32.85 2.15 -0.01	31.88 1.94 -0.01	31.54 1.81 -0.01	31.57 1.87 -0.01	36.76 2.28 -0.01	46.85 2.86 0.00	58.02 3.53 -0.08	58.54 3.25 -0.12	55.29 2.98 0.01	54.38 3.06 -0.30	50.57 3.08 -0.10	47.35 2.97 0.00	46.08 3.01 -0.01	45.37 3.01 -0.01	46.32 3.03 -0.01	52.43 3.34 -0.01	63.32 4.25 -0.01	72.88 5.14 -0.01	71.24 4.82 -0.33	54.33 3.27 -0.01	46.32 2.99 0.00	40.34 2.85 -0.01	37.01 2.39 -0.01
ASTORIA_GT2_1 24094	35.12 2.45 -0.01	32.88 2.18 -0.01	31.91 1.98 -0.01	31.57 1.84 -0.01	31.57 1.87 -0.01	36.76 2.28 -0.01	46.85 2.86 0.00	58.13 3.65 -0.08	58.54 3.25 -0.12	55.30 2.98 0.00	54.43 3.11 -0.30	50.62 3.13 -0.10	47.36 2.97 -0.01	46.13 3.06 -0.01	45.37 3.01 -0.01	46.32 3.03 -0.01	52.48 3.39 -0.01	63.31 4.25 -0.01	72.88 5.15 -0.01	71.24 4.82 -0.33	54.38 3.32 -0.01	46.28 2.95 0.00	40.38 2.89 -0.01	37.04 2.42 -0.01
ASTORIA_GT2_2 24095	35.12 2.45 -0.01	32.88 2.18 -0.01	31.91 1.98 -0.01	31.57 1.84 -0.01	31.57 1.87 -0.01	36.76 2.28 -0.01	46.85 2.86 0.00	58.13 3.65 -0.08	58.54 3.25 -0.12	55.30 2.98 0.00	54.43 3.11 -0.30	50.62 3.13 -0.10	47.36 2.97 -0.01	46.13 3.06 -0.01	45.37 3.01 -0.01	46.32 3.03 -0.01	52.48 3.39 -0.01	63.31 4.25 -0.01	72.88 5.15 -0.01	71.24 4.82 -0.33	54.38 3.32 -0.01	46.28 2.95 0.00	40.38 2.89 -0.01	37.04 2.42 -0.01
ASTORIA_GT2_3 24096	35.12 2.45 -0.01	32.88 2.18 -0.01	31.91 1.98 -0.01	31.57 1.84 -0.01	31.57 1.87 -0.01	36.76 2.28 -0.01	46.85 2.86 0.00	58.13 3.65 -0.08	58.54 3.25 -0.12	55.30 2.98 0.00	54.43 3.11 -0.30	50.62 3.13 -0.10	47.36 2.97 -0.01	46.13 3.06 -0.01	45.37 3.01 -0.01	46.32 3.03 -0.01	52.48 3.39 -0.01	63.31 4.25 -0.01	72.88 5.15 -0.01	71.24 4.82 -0.33	54.38 3.32 -0.01	46.28 2.95 0.00	40.38 2.89 -0.01	37.04 2.42 -0.01
ASTORIA_GT2_4 24097	35.12 2.45 -0.01	32.88 2.18 -0.01	31.91 1.98 -0.01	31.57 1.84 -0.01	31.57 1.87 -0.01	36.76 2.28 -0.01	46.85 2.86 0.00	58.13 3.65 -0.08	58.54 3.25 -0.12	55.30 2.98 0.00	54.43 3.11 -0.30	50.62 3.13 -0.10	47.36 2.97 -0.01	46.13 3.06 -0.01	45.37 3.01 -0.01	46.32 3.03 -0.01	52.48 3.39 -0.01	63.31 4.25 -0.01	72.88 5.15 -0.01	71.24 4.82 -0.33	54.38 3.32 -0.01	46.28 2.95 0.00	40.38 2.89 -0.01	37.04 2.42 -0.01
ASTORIA_GT3_1 24098	35.12 2.45 -0.01	32.88 2.18 -0.01	31.91 1.98 -0.01	31.57 1.84 -0.01	31.57 1.87 -0.01	36.76 2.28 -0.01	46.85 2.86 0.00	58.13 3.65 -0.08	58.54 3.25 -0.12	55.30 2.98 0.00	54.43 3.11 -0.30	50.62 3.13 -0.10	47.36 2.97 -0.01	46.13 3.06 -0.01	45.37 3.01 -0.01	46.32 3.03 -0.01	52.48 3.39 -0.01	63.31 4.25 -0.01	72.88 5.15 -0.01	71.24 4.82 -0.33	54.38 3.32 -0.01	46.28 2.95 0.00	40.38 2.89 -0.01	37.04 2.42 -0.01
ASTORIA_GT3_2 24099	35.12 2.45 -0.01	32.88 2.18 -0.01	31.91 1.98 -0.01	31.57 1.84 -0.01	31.57 1.87 -0.01	36.76 2.28 -0.01	46.85 2.86 0.00	58.13 3.65 -0.08	58.54 3.25 -0.12	55.30 2.98 0.00	54.43 3.11 -0.30	50.62 3.13 -0.10	47.36 2.97 -0.01	46.13 3.06 -0.01	45.37 3.01 -0.01	46.32 3.03 -0.01	52.48 3.39 -0.01	63.31 4.25 -0.01	72.88 5.15 -0.01	71.24 4.82 -0.33	54.38 3.32 -0.01	46.28 2.95 0.00	40.38 2.89 -0.01	37.04 2.42 -0.01
ASTORIA_GT3_3 24100	35.12 2.45 -0.01	32.88 2.18 -0.01	31.91 1.98 -0.01	31.57 1.84 -0.01	31.57 1.87 -0.01	36.76 2.28 -0.01	46.85 2.86 0.00	58.13 3.65 -0.08	58.54 3.25 -0.12	55.30 2.98 0.00	54.43 3.11 -0.30	50.62 3.13 -0.10	47.36 2.97 -0.01	46.13 3.06 -0.01	45.37 3.01 -0.01	46.32 3.03 -0.01	52.48 3.39 -0.01	63.31 4.25 -0.01	72.88 5.15 -0.01	71.24 4.82 -0.33	54.38 3.32 -0.01	46.28 2.95 0.00	40.38 2.89 -0.01	37.04 2.42 -0.01
ASTORIA_GT3_4 24101	35.12 2.45 -0.01	32.88 2.18 -0.01	31.91 1.98 -0.01	31.57 1.84 -0.01	31.57 1.87 -0.01	36.76 2.28 -0.01	46.85 2.86 0.00	58.13 3.65 -0.08	58.54 3.25 -0.12	55.30 2.98 0.00	54.43 3.11 -0.30	50.62 3.13 -0.10	47.36 2.97 -0.01	46.13 3.06 -0.01	45.37 3.01 -0.01	46.32 3.03 -0.01	52.48 3.39 -0.01	63.31 4.25 -0.01	72.88 5.15 -0.01	71.24 4.82 -0.33	54.38 3.32 -0.01	46.28 2.95 0.00	40.38 2.89 -0.01	37.04 2.42 -0.01
ASTORIA_GT4_1 24102	35.12 2.45 -0.01	32.88 2.18 -0.01	31.91 1.98 -0.01	31.57 1.84 -0.01	31.57 1.87 -0.01	36.76 2.28 -0.01	46.85 2.86 0.00	58.13 3.65 -0.08	58.54 3.25 -0.12	55.30 2.98 0.00	54.43 3.11 -0.30	50.62 3.13 -0.10	47.36 2.97 -0.01	46.13 3.06 -0.01	45.37 3.01 -0.01	46.32 3.03 -0.01	52.48 3.39 -0.01	63.31 4.25 -0.01	72.88 5.15 -0.01	71.24 4.82 -0.33	54.38 3.32 -0.01	46.28 2.95 0.00	40.38 2.89 -0.01	37.04 2.42 -0.01
ASTORIA_GT4_2 24103	35.12 2.45 -0.01	32.88 2.18 -0.01	31.91 1.98 -0.01	31.57 1.84 -0.01	31.57 1.87 -0.01	36.76 2.28 -0.01	46.85 2.86 0.00	58.13 3.65 -0.08	58.54 3.25 -0.12	55.30 2.98 0.00	54.43 3.11 -0.30	50.62 3.13 -0.10	47.36 2.97 -0.01	46.13 3.06 -0.01	45.37 3.01 -0.01	46.32 3.03 -0.01	52.48 3.39 -0.01	63.31 4.25 -0.01	72.88 5.15 -0.01	71.24 4.82 -0.33	54.38 3.32 -0.01	46.28 2.95 0.00	40.38 2.89 -0.01	37.04 2.42 -0.01
ASTORIA_GT4_3 24104	35.12 2.45 -0.01	32.88 2.18 -0.01	31.91 1.98 -0.01	31.57 1.84 -0.01	31.57 1.87 -0.01	36.76 2.28 -0.01	46.85 2.86 0.00	58.13 3.65 -0.08	58.54 3.25 -0.12	55.30 2.98 0.00	54.43 3.11 -0.30	50.62 3.13 -0.10	47.36 2.97 -0.01	46.13 3.06 -0.01	45.37 3.01 -0.01	46.32 3.03 -0.01	52.48 3.39 -0.01	63.31 4.25 -0.01	72.88 5.15 -0.01	71.24 4.82 -0.33	54.38 3.32 -0.01	46.28 2.95 0.00	40.38 2.89 -0.01	37.04 2.42 -0.01

ASTORIA_GT4_4 24105	35.12 2.45 -0.01	32.88 2.18 -0.01	31.91 1.98 -0.01	31.57 1.84 -0.01	31.57 1.87 -0.01	36.76 2.28 -0.01	46.85 2.86 0.00	58.13 3.65 -0.08	58.54 3.25 -0.12	55.30 2.98 0.00	54.43 3.11 -0.30	50.62 3.13 -0.10	47.36 2.97 -0.01	46.13 3.06 -0.01	45.37 3.01 -0.01	46.32 3.03 -0.01	52.48 3.39 -0.01	63.31 4.25 -0.01	72.88 5.15 -0.01	71.24 4.82 -0.33	54.38 3.32 -0.01	46.28 2.95 0.00	40.38 2.89 -0.01	37.04 2.42 -0.01
ASTORIA_GT_1 23523	35.19 2.52 -0.01	32.94 2.24 -0.01	31.94 2.01 -0.01	31.60 1.87 -0.01	31.63 1.93 -0.01	36.83 2.34 -0.01	46.94 2.95 0.00	58.24 3.75 -0.08	58.66 3.37 -0.12	55.40 3.09 0.00	54.53 3.21 -0.30	50.72 3.22 -0.10	47.45 3.06 -0.01	46.21 3.14 -0.01	45.45 3.09 -0.01	46.40 3.12 -0.01	52.58 3.49 -0.01	63.43 4.37 -0.01	73.02 5.28 -0.01	71.37 4.96 -0.33	54.48 3.42 -0.01	46.37 3.03 0.00	40.46 2.96 -0.01	37.08 2.46 -0.01
ASTORIA_GT_10 24110	35.22 2.55 -0.01	32.97 2.27 -0.01	31.97 2.04 -0.01	31.63 1.90 -0.01	31.63 1.93 -0.01	36.83 2.34 -0.01	46.76 2.77 0.00	58.19 3.70 -0.08	58.66 3.37 -0.12	55.45 3.14 0.00	54.53 3.21 -0.30	50.53 3.03 -0.11	47.45 3.06 -0.01	46.21 3.14 -0.01	45.49 3.13 -0.01	46.45 3.16 -0.01	52.53 3.44 -0.01	63.37 4.31 -0.01	72.88 5.15 -0.01	71.31 4.89 -0.33	54.43 3.37 -0.01	46.24 2.90 0.00	40.38 2.89 -0.01	37.08 2.46 -0.01
ASTORIA_GT_11 24225	35.22 2.55 -0.01	32.97 2.27 -0.01	31.97 2.04 -0.01	31.63 1.90 -0.01	31.63 1.93 -0.01	36.83 2.34 -0.01	46.76 2.77 0.00	58.19 3.70 -0.08	58.66 3.37 -0.12	55.45 3.14 0.00	54.53 3.21 -0.30	50.53 3.03 -0.11	47.45 3.06 -0.01	46.21 3.14 -0.01	45.49 3.13 -0.01	46.45 3.16 -0.01	52.53 3.44 -0.01	63.37 4.31 -0.01	72.88 5.15 -0.01	71.31 4.89 -0.33	54.43 3.37 -0.01	46.24 2.90 0.00	40.38 2.89 -0.01	37.08 2.46 -0.01
ASTORIA_GT_12 24226	35.22 2.55 -0.01	32.97 2.27 -0.01	31.97 2.04 -0.01	31.63 1.90 -0.01	31.63 1.93 -0.01	36.83 2.34 -0.01	46.76 2.77 0.00	58.19 3.70 -0.08	58.66 3.37 -0.12	55.45 3.14 0.00	54.53 3.21 -0.30	50.53 3.03 -0.11	47.45 3.06 -0.01	46.21 3.14 -0.01	45.49 3.13 -0.01	46.45 3.16 -0.01	52.53 3.44 -0.01	63.37 4.31 -0.01	72.88 5.15 -0.01	71.31 4.89 -0.33	54.43 3.37 -0.01	46.24 2.90 0.00	40.38 2.89 -0.01	37.08 2.46 -0.01
ASTORIA_GT_13 24227	35.22 2.55 -0.01	32.97 2.27 -0.01	31.97 2.04 -0.01	31.63 1.90 -0.01	31.63 1.93 -0.01	36.83 2.34 -0.01	46.76 2.77 0.00	58.19 3.70 -0.08	58.66 3.37 -0.12	55.45 3.14 0.00	54.53 3.21 -0.30	50.53 3.03 -0.11	47.45 3.06 -0.01	46.21 3.14 -0.01	45.49 3.13 -0.01	46.45 3.16 -0.01	52.53 3.44 -0.01	63.37 4.31 -0.01	72.88 5.15 -0.01	71.31 4.89 -0.33	54.43 3.37 -0.01	46.24 2.90 0.00	40.38 2.89 -0.01	37.08 2.46 -0.01
ASTORIA_GT_5 24106	35.19 2.52 -0.01	32.94 2.24 -0.01	31.94 2.01 -0.01	31.60 1.87 -0.01	31.63 1.93 -0.01	36.83 2.34 -0.01	46.94 2.95 0.00	58.24 3.75 -0.08	58.66 3.37 -0.12	55.40 3.09 0.00	54.53 3.21 -0.30	50.72 3.22 -0.10	47.45 3.06 -0.01	46.21 3.14 -0.01	45.45 3.09 -0.01	46.40 3.12 -0.01	52.58 3.49 -0.01	63.43 4.37 -0.01	73.02 5.28 -0.01	71.37 4.96 -0.33	54.48 3.42 -0.01	46.37 3.03 0.00	40.46 2.96 -0.01	37.08 2.46 -0.01
ASTORIA_GT_7 24107	35.19 2.52 -0.01	32.94 2.24 -0.01	31.94 2.01 -0.01	31.60 1.87 -0.01	31.63 1.93 -0.01	36.83 2.34 -0.01	46.94 2.95 0.00	58.24 3.75 -0.08	58.66 3.37 -0.12	55.40 3.09 0.00	54.53 3.21 -0.30	50.72 3.22 -0.10	47.45 3.06 -0.01	46.21 3.14 -0.01	45.45 3.09 -0.01	46.40 3.12 -0.01	52.58 3.49 -0.01	63.43 4.37 -0.01	73.02 5.28 -0.01	71.37 4.96 -0.33	54.48 3.42 -0.01	46.37 3.03 0.00	40.46 2.96 -0.01	37.08 2.46 -0.01
ASTORIA_GT_8 24108	35.19 2.52 -0.01	32.94 2.24 -0.01	31.94 2.01 -0.01	31.60 1.87 -0.01	31.63 1.93 -0.01	36.83 2.34 -0.01	46.94 2.95 0.00	58.24 3.75 -0.08	58.66 3.37 -0.12	55.40 3.09 0.00	54.53 3.21 -0.30	50.72 3.22 -0.10	47.45 3.06 -0.01	46.21 3.14 -0.01	45.45 3.09 -0.01	46.40 3.12 -0.01	52.58 3.49 -0.01	63.43 4.37 -0.01	73.02 5.28 -0.01	71.37 4.96 -0.33	54.48 3.42 -0.01	46.37 3.03 0.00	40.46 2.96 -0.01	37.08 2.46 -0.01
ASTORIA___2 24149	35.13 2.45 -0.01	32.85 2.15 -0.01	31.91 1.98 -0.01	31.57 1.84 -0.01	31.57 1.87 -0.01	36.76 2.28 -0.01	46.85 2.86 0.00	58.08 3.59 -0.08	58.54 3.25 -0.12	55.29 2.98 0.01	54.43 3.11 -0.30	50.57 3.08 -0.10	47.35 2.97 0.00	46.08 3.01 -0.01	45.41 3.05 -0.01	46.32 3.03 -0.01	52.48 3.38 -0.01	63.32 4.25 -0.01	72.88 5.14 -0.01	71.24 4.82 -0.33	54.38 3.32 -0.01	46.32 2.99 0.00	40.38 2.89 -0.01	37.04 2.42 -0.01
ASTORIA___3 23516	35.22 2.55 -0.01	32.94 2.24 -0.01	31.98 2.04 -0.01	31.63 1.90 -0.01	31.63 1.93 -0.01	36.83 2.35 -0.01	46.76 2.77 0.00	58.13 3.65 -0.08	58.66 3.37 -0.12	55.45 3.14 0.00	54.53 3.22 -0.30	50.54 3.04 -0.11	47.45 3.06 -0.01	46.17 3.10 -0.01	45.54 3.18 -0.01	46.45 3.16 -0.01	52.53 3.43 -0.01	63.37 4.31 -0.01	72.88 5.14 -0.01	71.31 4.89 -0.33	54.43 3.37 -0.01	46.28 2.95 0.00	40.38 2.89 -0.01	37.08 2.46 -0.01
ASTORIA___4 23517	35.22 2.55 -0.01	32.97 2.27 -0.01	31.97 2.04 -0.01	31.63 1.90 -0.01	31.63 1.93 -0.01	36.83 2.34 -0.01	46.76 2.77 0.00	58.19 3.70 -0.08	58.66 3.37 -0.12	55.45 3.14 0.00	54.53 3.21 -0.30	50.53 3.03 -0.11	47.45 3.06 -0.01	46.21 3.14 -0.01	45.49 3.13 -0.01	46.45 3.16 -0.01	52.53 3.44 -0.01	63.37 4.31 -0.01	72.88 5.15 -0.01	71.31 4.89 -0.33	54.43 3.37 -0.01	46.24 2.90 0.00	40.38 2.89 -0.01	37.08 2.46 -0.01
ASTORIA___5 23518	35.22 2.55 -0.01	32.94 2.24 -0.01	31.98 2.04 -0.01	31.63 1.90 -0.01	31.63 1.93 -0.01	36.83 2.35 -0.01	46.76 2.77 0.00	58.13 3.65 -0.08	58.66 3.37 -0.12	55.45 3.14 0.00	54.53 3.22 -0.30	50.54 3.04 -0.11	47.45 3.06 -0.01	46.17 3.10 -0.01	45.54 3.18 -0.01	46.45 3.16 -0.01	52.53 3.43 -0.01	63.37 4.31 -0.01	72.88 5.14 -0.01	71.31 4.89 -0.33	54.43 3.37 -0.01	46.28 2.95 0.00	40.38 2.89 -0.01	37.08 2.46 -0.01
AST_ENERGY_2_CC3 323677	34.90 2.22 -0.01	32.64 1.93 -0.01	31.67 1.74 -0.01	31.33 1.60 -0.01	31.36 1.66 -0.01	36.52 2.03 -0.01	46.54 2.55 0.00	57.70 3.21 -0.08	58.20 2.92 -0.12	54.92 2.61 0.01	54.07 2.75 -0.30	50.29 2.80 -0.10	47.09 2.71 0.00	45.82 2.76 -0.01	45.11 2.75 -0.01	46.06 2.77 -0.01	52.14 3.04 -0.01	62.90 3.84 -0.01	72.47 4.74 -0.01	70.84 4.43 -0.33	54.02 2.96 -0.01	46.02 2.69 0.00	40.12 2.62 -0.01	36.80 2.18 -0.01
AST_ENERGY_2_CC4 323678	34.90 2.22 -0.01	32.64 1.93 -0.01	31.67 1.74 -0.01	31.33 1.60 -0.01	31.36 1.66 -0.01	36.52 2.03 -0.01	46.54 2.55 0.00	57.70 3.21 -0.08	58.20 2.92 -0.12	54.92 2.61 0.01	54.07 2.75 -0.30	50.29 2.80 -0.10	47.09 2.71 0.00	45.82 2.76 -0.01	45.11 2.75 -0.01	46.06 2.77 -0.01	52.14 3.04 -0.01	62.90 3.84 -0.01	72.47 4.74 -0.01	70.84 4.43 -0.33	54.02 2.96 -0.01	46.02 2.69 0.00	40.12 2.62 -0.01	36.80 2.18 -0.01

ATHENS_STG_1 23668	33.84 1.17 0.00	31.74 1.04 0.00	30.89 0.96 0.00	30.64 0.92 0.00	30.62 0.92 0.00	35.55 1.07 0.00	45.18 1.19 0.00	56.07 1.63 -0.03	56.65 1.43 -0.05	53.67 1.36 0.00	52.47 1.32 -0.13	48.67 1.28 0.00	45.66 1.29 0.00	44.35 1.29 0.00	43.71 1.35 0.00	44.63 1.34 0.00	50.61 1.52 0.00	60.95 1.89 0.00	69.89 2.17 0.00	68.28 2.05 -0.14	52.58 1.53 0.00	44.59 1.26 0.00	38.72 1.24 0.00	35.69 1.07 0.00
ATHENS_STG_2 23670	33.84 1.17 0.00	31.74 1.04 0.00	30.89 0.96 0.00	30.64 0.92 0.00	30.62 0.92 0.00	35.55 1.07 0.00	45.18 1.19 0.00	56.07 1.63 -0.03	56.65 1.43 -0.05	53.67 1.36 0.00	52.47 1.32 -0.13	48.67 1.28 0.00	45.66 1.29 0.00	44.35 1.29 0.00	43.71 1.35 0.00	44.63 1.34 0.00	50.61 1.52 0.00	60.95 1.89 0.00	69.89 2.17 0.00	68.28 2.05 -0.14	52.58 1.53 0.00	44.59 1.26 0.00	38.72 1.24 0.00	35.69 1.07 0.00
ATHENS_STG_3 23677	33.84 1.17 0.00	31.74 1.04 0.00	30.89 0.96 0.00	30.64 0.92 0.00	30.62 0.92 0.00	35.55 1.07 0.00	45.18 1.19 0.00	56.07 1.63 -0.03	56.65 1.43 -0.05	53.67 1.36 0.00	52.47 1.32 -0.13	48.67 1.28 0.00	45.66 1.29 0.00	44.35 1.29 0.00	43.71 1.35 0.00	44.63 1.34 0.00	50.61 1.52 0.00	60.95 1.89 0.00	69.89 2.17 0.00	68.28 2.05 -0.14	52.58 1.53 0.00	44.59 1.26 0.00	38.72 1.24 0.00	35.69 1.07 0.00
AUBURN___LFGE 323710	32.69 -0.20 -0.22	30.74 -0.18 -0.23	30.01 -0.09 -0.17	29.79 -0.09 -0.15	29.69 -0.15 -0.15	34.61 -0.10 -0.23	44.14 0.00 -0.15	54.89 0.11 -0.38	55.97 0.11 -0.70	53.28 0.05 -0.92	52.03 0.05 -0.96	48.07 0.05 -0.63	44.83 0.00 -0.46	43.36 0.00 -0.31	42.62 -0.04 -0.31	43.34 -0.13 -0.19	49.08 -0.15 -0.14	58.88 -0.18 0.00	68.32 0.20 -0.39	66.76 0.26 -0.40	51.35 0.26 -0.04	43.66 0.26 -0.06	37.59 0.07 -0.03	34.73 -0.03 -0.15
BABYLON_RES_REC 323704	34.86 2.19 0.00	32.44 1.75 0.00	31.46 1.53 0.00	31.12 1.40 0.00	31.21 1.51 0.00	36.38 1.90 0.00	44.70 1.32 0.61	56.05 1.69 0.04	55.45 1.10 0.82	52.29 1.20 1.23	53.03 1.74 -0.28	47.77 1.42 1.05	45.98 1.69 0.08	44.51 1.46 0.01	44.47 2.12 0.00	45.31 2.03 0.00	51.23 2.16 0.01	61.71 2.66 0.00	71.31 3.59 0.00	69.58 3.17 -0.31	52.88 1.84 0.01	44.80 1.47 0.01	39.85 2.36 0.00	36.62 2.01 0.00
BALL_HILL_WT_PWR 323825	31.95 -0.72 0.00	30.17 -0.52 0.00	29.63 -0.30 0.00	29.22 -0.51 0.00	28.92 -0.77 0.00	33.24 -1.24 0.00	41.88 -2.11 0.00	50.65 -3.75 0.00	51.08 -4.08 0.00	48.70 -3.61 0.00	47.39 -3.62 0.00	44.22 -3.17 0.00	41.53 -2.84 0.00	40.09 -2.97 0.00	39.60 -2.75 0.00	40.64 -2.64 0.00	45.35 -3.73 0.00	54.69 -4.37 0.00	63.80 -3.93 0.00	62.59 -3.50 0.00	49.57 -1.48 0.00	42.90 -0.43 0.00	37.11 -0.37 0.00	34.41 -0.21 0.00
BARON_WINDS___WT_PWR 323822	31.98 -0.69 0.00	30.20 -0.49 0.00	29.66 -0.27 0.00	29.33 -0.39 0.00	29.10 -0.59 0.00	33.52 -0.97 0.00	42.45 -1.54 0.00	52.23 -2.18 0.00	52.68 -2.48 0.00	5.11 -2.56 44.64	5.08 -2.76 43.18	1.95 -2.61 42.84	1.93 -2.40 40.05	1.86 -2.37 38.83	1.80 -2.20 38.35	1.87 -2.38 39.04	2.03 -2.75 44.31	56.40 -2.66 0.00	65.97 -1.76 0.00	64.64 -1.45 0.00	50.49 -0.56 0.00	43.08 -0.26 0.00	37.23 -0.26 0.00	34.33 -0.28 0.00
BARRETT_IC_1 23704	34.76 2.09 0.00	32.35 1.66 0.00	31.40 1.47 0.00	31.06 1.34 0.00	31.12 1.43 0.00	36.27 1.79 0.00	45.23 1.28 0.03	56.59 2.12 -0.07	57.11 1.88 -0.07	53.98 1.72 0.06	53.50 2.19 -0.29	49.34 1.94 0.00	46.41 2.04 0.00	44.90 1.85 0.00	44.76 2.41 0.00	45.66 2.38 0.00	51.58 2.50 0.00	62.36 3.31 0.00	72.06 4.34 0.00	70.30 3.90 -0.31	53.24 2.19 0.00	45.06 1.74 0.01	39.66 2.17 0.00	36.48 1.87 0.00
BARRETT_IC_10 23701	34.76 2.09 0.00	32.35 1.66 0.00	31.40 1.47 0.00	31.06 1.34 0.00	31.12 1.43 0.00	36.27 1.79 0.00	45.23 1.28 0.03	56.59 2.12 -0.07	57.11 1.88 -0.07	53.98 1.72 0.06	53.50 2.19 -0.29	49.34 1.94 0.00	46.41 2.04 0.00	44.90 1.85 0.00	44.76 2.41 0.00	45.66 2.38 0.00	51.58 2.50 0.00	62.36 3.31 0.00	72.06 4.34 0.00	70.30 3.90 -0.31	53.24 2.19 0.00	45.06 1.74 0.01	39.66 2.17 0.00	36.48 1.87 0.00
BARRETT_IC_11 23702	34.76 2.09 0.00	32.35 1.66 0.00	31.40 1.47 0.00	31.06 1.34 0.00	31.12 1.43 0.00	36.27 1.79 0.00	45.23 1.28 0.03	56.59 2.12 -0.07	57.11 1.88 -0.07	53.98 1.72 0.06	53.50 2.19 -0.29	49.34 1.94 0.00	46.41 2.04 0.00	44.90 1.85 0.00	44.76 2.41 0.00	45.66 2.38 0.00	51.58 2.50 0.00	62.36 3.31 0.00	72.06 4.34 0.00	70.30 3.90 -0.31	53.24 2.19 0.00	45.06 1.74 0.01	39.66 2.17 0.00	36.48 1.87 0.00
BARRETT_IC_12 23703	34.76 2.09 0.00	32.35 1.66 0.00	31.40 1.47 0.00	31.06 1.34 0.00	31.12 1.43 0.00	36.27 1.79 0.00	45.23 1.28 0.03	56.59 2.12 -0.07	57.11 1.88 -0.07	53.98 1.72 0.06	53.50 2.19 -0.29	49.34 1.94 0.00	46.41 2.04 0.00	44.90 1.85 0.00	44.76 2.41 0.00	45.66 2.38 0.00	51.58 2.50 0.00	62.36 3.31 0.00	72.06 4.34 0.00	70.30 3.90 -0.31	53.24 2.19 0.00	45.06 1.74 0.01	39.66 2.17 0.00	36.48 1.87 0.00
BARRETT_IC_2 23705	34.76 2.09 0.00	32.35 1.66 0.00	31.40 1.47 0.00	31.06 1.34 0.00	31.12 1.43 0.00	36.27 1.79 0.00	45.23 1.28 0.03	56.59 2.12 -0.07	57.11 1.88 -0.07	53.98 1.72 0.06	53.50 2.19 -0.29	49.34 1.94 0.00	46.41 2.04 0.00	44.90 1.85 0.00	44.76 2.41 0.00	45.66 2.38 0.00	51.58 2.50 0.00	62.36 3.31 0.00	72.06 4.34 0.00	70.30 3.90 -0.31	53.24 2.19 0.00	45.06 1.74 0.01	39.66 2.17 0.00	36.48 1.87 0.00
BARRETT_IC_3 23706	34.76 2.09 0.00	32.35 1.66 0.00	31.40 1.47 0.00	31.06 1.34 0.00	31.12 1.43 0.00	36.27 1.79 0.00	45.23 1.28 0.03	56.59 2.12 -0.07	57.11 1.88 -0.07	53.98 1.72 0.06	53.50 2.19 -0.29	49.34 1.94 0.00	46.41 2.04 0.00	44.90 1.85 0.00	44.76 2.41 0.00	45.66 2.38 0.00	51.58 2.50 0.00	62.36 3.31 0.00	72.06 4.34 0.00	70.30 3.90 -0.31	53.24 2.19 0.00	45.06 1.74 0.01	39.66 2.17 0.00	36.48 1.87 0.00
BARRETT_IC_4 23707	34.76 2.09 0.00	32.35 1.66 0.00	31.40 1.47 0.00	31.06 1.34 0.00	31.12 1.43 0.00	36.27 1.79 0.00	45.23 1.28 0.03	56.59 2.12 -0.07	57.11 1.88 -0.07	53.98 1.72 0.06	53.50 2.19 -0.29	49.34 1.94 0.00	46.41 2.04 0.00	44.90 1.85 0.00	44.76 2.41 0.00	45.66 2.38 0.00	51.58 2.50 0.00	62.36 3.31 0.00	72.06 4.34 0.00	70.30 3.90 -0.31	53.24 2.19 0.00	45.06 1.74 0.01	39.66 2.17 0.00	36.48 1.87 0.00
BARRETT_IC_5 23708	34.76 2.09 0.00	32.35 1.66 0.00	31.40 1.47 0.00	31.06 1.34 0.00	31.12 1.43 0.00	36.27 1.79 0.00	45.23 1.28 0.03	56.59 2.12 -0.07	57.11 1.88 -0.07	53.98 1.72 0.06	53.50 2.19 -0.29	49.34 1.94 0.00	46.41 2.04 0.00	44.90 1.85 0.00	44.76 2.41 0.00	45.66 2.38 0.00	51.58 2.50 0.00	62.36 3.31 0.00	72.06 4.34 0.00	70.30 3.90 -0.31	53.24 2.19 0.00	45.06 1.74 0.01	39.66 2.17 0.00	36.48 1.87 0.00

BARRETT_IC_6 23709	34.76 2.09 0.00	32.35 1.66 0.00	31.40 1.47 0.00	31.06 1.34 0.00	31.12 1.43 0.00	36.27 1.79 0.00	45.23 1.28 0.03	56.59 2.12 -0.07	57.11 1.88 -0.07	53.98 1.72 0.06	53.50 2.19 -0.29	49.34 1.94 0.00	46.41 2.04 0.00	44.90 1.85 0.00	44.76 2.41 0.00	45.66 2.38 0.00	51.58 2.50 0.00	62.36 3.31 0.00	72.06 4.34 0.00	70.30 3.90 -0.31	53.24 2.19 0.00	45.06 1.74 0.01	39.66 2.17 0.00	36.48 1.87 0.00
BARRETT_IC_7 23710	34.76 2.09 0.00	32.38 1.69 0.00	31.40 1.47 0.00	31.06 1.34 0.00	31.12 1.43 0.00	36.27 1.79 0.00	45.23 1.28 0.03	56.60 2.12 -0.07	57.11 1.88 -0.07	53.98 1.73 0.06	53.50 2.19 -0.29	49.34 1.94 0.00	46.41 2.04 0.00	45.33 2.28 0.00	44.72 2.37 0.00	45.66 2.38 0.00	51.58 2.50 0.00	62.36 3.31 0.00	72.06 4.33 0.00	70.30 3.90 -0.32	53.25 2.20 0.00	45.02 1.69 0.01	39.74 2.25 0.00	36.52 1.90 0.00
BARRETT_IC_8 23711	34.76 2.09 0.00	32.35 1.66 0.00	31.40 1.47 0.00	31.06 1.34 0.00	31.12 1.43 0.00	36.27 1.79 0.00	45.23 1.28 0.03	56.59 2.12 -0.07	57.11 1.88 -0.07	53.98 1.72 0.06	53.50 2.19 -0.29	49.34 1.94 0.00	46.41 2.04 0.00	44.90 1.85 0.00	44.76 2.41 0.00	45.66 2.38 0.00	51.58 2.50 0.00	62.36 3.31 0.00	72.06 4.34 0.00	70.30 3.90 -0.31	53.24 2.19 0.00	45.06 1.74 0.01	39.66 2.17 0.00	36.48 1.87 0.00
BARRETT_IC_9 23700	34.76 2.09 0.00	32.35 1.66 0.00	31.40 1.47 0.00	31.06 1.34 0.00	31.12 1.43 0.00	36.27 1.79 0.00	45.23 1.28 0.03	56.59 2.12 -0.07	57.11 1.88 -0.07	53.98 1.72 0.06	53.50 2.19 -0.29	49.34 1.94 0.00	46.41 2.04 0.00	44.90 1.85 0.00	44.76 2.41 0.00	45.66 2.38 0.00	51.58 2.50 0.00	62.36 3.31 0.00	72.06 4.34 0.00	70.30 3.90 -0.31	53.24 2.19 0.00	45.06 1.74 0.01	39.66 2.17 0.00	36.48 1.87 0.00
BARRETT___1 23545	34.76 2.09 0.00	32.35 1.66 0.00	31.40 1.47 0.00	31.06 1.34 0.00	31.12 1.43 0.00	36.27 1.79 0.00	45.23 1.28 0.03	56.59 2.12 -0.07	57.11 1.88 -0.07	53.98 1.72 0.06	53.50 2.19 -0.29	49.34 1.94 0.00	46.41 2.04 0.00	44.90 1.85 0.00	44.76 2.41 0.00	45.66 2.38 0.00	51.58 2.50 0.00	62.36 3.31 0.00	72.06 4.34 0.00	70.30 3.90 -0.31	53.24 2.19 0.00	45.06 1.74 0.01	39.66 2.17 0.00	36.48 1.87 0.00
BARRETT___2 23546	34.76 2.09 0.00	32.35 1.66 0.00	31.40 1.47 0.00	31.06 1.34 0.00	31.12 1.43 0.00	36.27 1.79 0.00	45.23 1.28 0.03	56.59 2.12 -0.07	57.11 1.88 -0.07	53.98 1.72 0.06	53.50 2.19 -0.29	49.34 1.94 0.00	46.41 2.04 0.00	44.90 1.85 0.00	44.76 2.41 0.00	45.66 2.38 0.00	51.58 2.50 0.00	62.36 3.31 0.00	72.06 4.34 0.00	70.30 3.90 -0.31	53.24 2.19 0.00	45.06 1.74 0.01	39.66 2.17 0.00	36.48 1.87 0.00
BATAVIA__115KV_TB1 55881	32.34 -0.33 0.00	30.48 -0.21 0.00	30.02 0.09 0.00	29.78 0.06 0.00	29.52 -0.18 0.00	34.03 -0.45 0.00	42.98 -1.01 0.00	52.12 -2.29 0.00	52.85 -2.32 0.00	50.48 -1.83 0.00	49.23 -1.79 0.00	45.92 -1.47 0.00	43.00 -1.38 0.00	41.46 -1.59 0.00	40.87 -1.48 0.00	41.81 -1.47 0.00	46.68 -2.41 0.00	56.10 -2.95 0.00	65.36 -2.37 0.00	63.78 -2.31 0.00	50.39 -0.66 0.00	43.47 0.13 0.00	37.41 -0.07 0.00	34.68 0.07 0.00
BAYONEEC___CTG1 323682	35.05 2.38 0.00	32.78 2.09 0.00	31.82 1.89 0.00	31.45 1.72 0.00	31.48 1.78 0.00	36.65 2.17 0.00	46.58 2.59 0.00	58.19 3.70 -0.08	58.77 3.48 -0.12	55.61 3.30 0.00	54.63 3.31 -0.30	50.67 3.18 -0.10	47.49 3.11 -0.01	46.17 3.10 -0.01	45.49 3.13 0.00	46.45 3.16 0.00	52.63 3.54 -0.01	63.43 4.37 0.00	73.02 5.29 0.00	71.44 5.02 -0.32	54.58 3.52 -0.01	46.15 2.82 0.00	40.19 2.70 0.00	36.90 2.28 0.00
BAYONEEC___CTG10 323750	35.05 2.38 0.00	32.78 2.09 0.00	31.82 1.89 0.00	31.45 1.72 0.00	31.48 1.78 0.00	36.65 2.17 0.00	46.58 2.59 0.00	58.19 3.70 -0.08	58.77 3.48 -0.12	55.61 3.30 0.00	54.63 3.31 -0.30	50.67 3.18 -0.10	47.49 3.11 -0.01	46.17 3.10 -0.01	45.49 3.13 0.00	46.45 3.16 0.00	52.63 3.54 -0.01	63.43 4.37 0.00	73.02 5.29 0.00	71.44 5.02 -0.32	54.58 3.52 -0.01	46.15 2.82 0.00	40.19 2.70 0.00	36.90 2.28 0.00
BAYONEEC___CTG2 323683	35.05 2.38 0.00	32.78 2.09 0.00	31.82 1.89 0.00	31.45 1.72 0.00	31.48 1.78 0.00	36.65 2.17 0.00	46.58 2.59 0.00	58.19 3.70 -0.08	58.77 3.48 -0.12	55.61 3.30 0.00	54.63 3.31 -0.30	50.67 3.18 -0.10	47.49 3.11 -0.01	46.17 3.10 -0.01	45.49 3.13 0.00	46.45 3.16 0.00	52.63 3.54 -0.01	63.43 4.37 0.00	73.02 5.29 0.00	71.44 5.02 -0.32	54.58 3.52 -0.01	46.15 2.82 0.00	40.19 2.70 0.00	36.90 2.28 0.00
BAYONEEC___CTG3 323684	35.05 2.38 0.00	32.78 2.09 0.00	31.82 1.89 0.00	31.45 1.72 0.00	31.48 1.78 0.00	36.65 2.17 0.00	46.58 2.59 0.00	58.19 3.70 -0.08	58.77 3.48 -0.12	55.61 3.30 0.00	54.63 3.31 -0.30	50.67 3.18 -0.10	47.49 3.11 -0.01	46.17 3.10 -0.01	45.49 3.13 0.00	46.45 3.16 0.00	52.63 3.54 -0.01	63.43 4.37 0.00	73.02 5.29 0.00	71.44 5.02 -0.32	54.58 3.52 -0.01	46.15 2.82 0.00	40.19 2.70 0.00	36.90 2.28 0.00
BAYONEEC___CTG4 323685	35.05 2.38 0.00	32.78 2.09 0.00	31.82 1.89 0.00	31.45 1.72 0.00	31.48 1.78 0.00	36.65 2.17 0.00	46.58 2.59 0.00	58.19 3.70 -0.08	58.77 3.48 -0.12	55.61 3.30 0.00	54.63 3.31 -0.30	50.67 3.18 -0.10	47.49 3.11 -0.01	46.17 3.10 -0.01	45.49 3.13 0.00	46.45 3.16 0.00	52.63 3.54 -0.01	63.43 4.37 0.00	73.02 5.29 0.00	71.44 5.02 -0.32	54.58 3.52 -0.01	46.15 2.82 0.00	40.19 2.70 0.00	36.90 2.28 0.00
BAYONEEC___CTG5 323686	35.05 2.38 0.00	32.78 2.09 0.00	31.82 1.89 0.00	31.45 1.72 0.00	31.48 1.78 0.00	36.65 2.17 0.00	46.58 2.59 0.00	58.19 3.70 -0.08	58.77 3.48 -0.12	55.61 3.30 0.00	54.63 3.31 -0.30	50.67 3.18 -0.10	47.49 3.11 -0.01	46.17 3.10 -0.01	45.49 3.13 0.00	46.45 3.16 0.00	52.63 3.54 -0.01	63.43 4.37 0.00	73.02 5.29 0.00	71.44 5.02 -0.32	54.58 3.52 -0.01	46.15 2.82 0.00	40.19 2.70 0.00	36.90 2.28 0.00
BAYONEEC___CTG6 323687	35.05 2.38 0.00	32.78 2.09 0.00	31.82 1.89 0.00	31.45 1.72 0.00	31.48 1.78 0.00	36.65 2.17 0.00	46.58 2.59 0.00	58.19 3.70 -0.08	58.77 3.48 -0.12	55.61 3.30 0.00	54.63 3.31 -0.30	50.67 3.18 -0.10	47.49 3.11 -0.01	46.17 3.10 -0.01	45.49 3.13 0.00	46.45 3.16 0.00	52.63 3.54 -0.01	63.43 4.37 0.00	73.02 5.29 0.00	71.44 5.02 -0.32	54.58 3.52 -0.01	46.15 2.82 0.00	40.19 2.70 0.00	36.90 2.28 0.00
BAYONEEC___CTG7 323688	35.05 2.38 0.00	32.78 2.09 0.00	31.82 1.89 0.00	31.45 1.72 0.00	31.48 1.78 0.00	36.65 2.17 0.00	46.58 2.59 0.00	58.19 3.70 -0.08	58.77 3.48 -0.12	55.61 3.30 0.00	54.63 3.31 -0.30	50.67 3.18 -0.10	47.49 3.11 -0.01	46.17 3.10 -0.01	45.49 3.13 0.00	46.45 3.16 0.00	52.63 3.54 -0.01	63.43 4.37 0.00	73.02 5.29 0.00	71.44 5.02 -0.32	54.58 3.52 -0.01	46.15 2.82 0.00	40.19 2.70 0.00	36.90 2.28 0.00

BAYONEEC___CTG8 323689	35.05 2.38 0.00	32.78 2.09 0.00	31.82 1.89 0.00	31.45 1.72 0.00	31.48 1.78 0.00	36.65 2.17 0.00	46.58 2.59 0.00	58.19 3.70 -0.08	58.77 3.48 -0.12	55.61 3.30 0.00	54.63 3.31 -0.30	50.67 3.18 -0.10	47.49 3.11 -0.01	46.17 3.10 -0.01	45.49 3.13 0.00	46.45 3.16 0.00	52.63 3.54 -0.01	63.43 4.37 0.00	73.02 5.29 0.00	71.44 5.02 -0.32	54.58 3.52 -0.01	46.15 2.82 0.00	40.19 2.70 0.00	36.90 2.28 0.00
BAYONEEC___CTG9 323749	35.05 2.38 0.00	32.78 2.09 0.00	31.82 1.89 0.00	31.45 1.72 0.00	31.48 1.78 0.00	36.65 2.17 0.00	46.58 2.59 0.00	58.19 3.70 -0.08	58.77 3.48 -0.12	55.61 3.30 0.00	54.63 3.31 -0.30	50.67 3.18 -0.10	47.49 3.11 -0.01	46.17 3.10 -0.01	45.49 3.13 0.00	46.45 3.16 0.00	52.63 3.54 -0.01	63.43 4.37 0.00	73.02 5.29 0.00	71.44 5.02 -0.32	54.58 3.52 -0.01	46.15 2.82 0.00	40.19 2.70 0.00	36.90 2.28 0.00
BEACON___LESR 323632	33.55 0.88 0.00	31.55 0.86 0.00	30.65 0.72 0.00	30.47 0.74 0.00	30.41 0.71 0.00	35.34 0.86 0.00	44.78 0.79 0.00	55.34 0.98 0.05	55.92 0.83 0.07	53.15 0.83 0.00	51.64 0.81 0.19	48.05 0.66 0.00	45.04 0.67 0.00	43.70 0.65 0.00	43.07 0.72 0.00	44.02 0.74 0.00	49.44 0.93 0.57	52.78 1.24 7.52	69.01 1.28 0.00	67.08 1.19 0.20	51.82 0.77 0.00	44.03 0.69 0.00	38.27 0.79 0.00	35.41 0.80 0.00
BEAVER RIVER___HYD 24048	32.99 0.16 -0.16	31.01 0.15 -0.17	30.23 0.18 -0.12	30.04 0.21 -0.11	29.95 0.15 -0.10	35.16 0.52 -0.16	45.50 1.41 -0.10	56.58 1.90 -0.27	57.67 1.98 -0.52	54.68 1.67 -0.69	53.32 1.58 -0.72	49.05 1.19 -0.48	45.34 0.62 -0.34	43.76 0.47 -0.23	42.96 0.38 -0.23	43.85 0.43 -0.14	49.58 0.39 -0.11	59.59 0.53 0.00	68.82 0.82 -0.28	67.70 1.32 -0.29	52.05 0.97 -0.03	44.33 0.95 -0.04	38.11 0.60 -0.02	35.17 0.45 -0.11
BEEBEE_GT_13 23619	32.31 -0.36 0.00	30.42 -0.28 0.00	29.84 -0.09 0.00	29.51 -0.21 0.00	29.37 -0.33 0.00	34.10 -0.38 0.00	43.33 -0.66 0.00	53.10 -1.31 0.00	54.01 -1.16 0.00	51.48 -0.84 0.00	50.35 -0.66 0.00	46.87 -0.52 0.00	43.89 -0.49 0.00	42.45 -0.60 0.00	41.72 -0.64 0.00	42.59 -0.69 0.00	47.86 -1.23 0.00	57.46 -1.59 0.00	66.51 -1.22 0.00	64.83 -1.26 0.00	50.65 -0.41 0.00	43.34 0.00 0.00	37.26 -0.22 0.00	34.44 -0.17 0.00
BENSHRST_27_KV_BENSHRST_1 355998	35.52 2.84 -0.01	33.22 2.52 -0.01	32.24 2.30 -0.01	31.87 2.14 -0.01	31.90 2.20 -0.01	37.11 2.62 -0.01	46.98 2.99 0.00	58.41 3.92 -0.08	58.77 3.48 -0.12	55.56 3.24 0.00	54.63 3.32 -0.30	50.58 3.08 -0.11	47.54 3.15 -0.01	46.30 3.23 -0.01	45.58 3.22 -0.01	46.53 3.25 -0.01	52.72 3.63 -0.01	63.61 4.55 -0.01	73.22 5.49 -0.01	71.57 5.16 -0.33	54.63 3.57 -0.01	46.41 3.08 0.00	40.64 3.15 -0.01	37.39 2.77 -0.01
BETHLEHEM___GRP 23843	33.12 0.46 0.00	31.18 0.49 0.00	30.29 0.36 0.00	30.08 0.36 0.00	30.05 0.36 0.00	34.89 0.41 0.00	44.16 0.18 0.00	54.58 0.22 0.05	55.15 0.06 0.07	52.37 0.05 0.00	50.89 0.05 0.18	47.44 0.05 0.00	44.46 0.09 0.00	43.19 0.13 0.00	42.52 0.17 0.00	43.46 0.17 0.00	48.80 0.25 0.53	52.40 0.35 7.01	68.00 0.27 0.00	66.10 0.20 0.19	51.11 0.05 0.00	43.38 0.04 0.00	37.75 0.26 0.00	34.92 0.31 0.00
BETHLEHEM___GS1 323560	33.12 0.46 0.00	31.18 0.49 0.00	30.26 0.33 0.00	30.08 0.36 0.00	30.05 0.36 0.00	34.90 0.42 0.00	44.17 0.18 0.00	54.58 0.22 0.05	55.15 0.06 0.07	52.37 0.05 0.00	50.89 0.05 0.18	47.44 0.05 0.00	44.46 0.09 0.00	43.19 0.13 0.00	42.57 0.21 0.00	43.46 0.17 0.00	48.81 0.25 0.53	52.49 0.36 6.92	68.00 0.27 0.00	66.10 0.20 0.19	51.11 0.05 0.00	43.38 0.04 0.00	37.75 0.26 0.00	34.92 0.31 0.00
BETHLEHEM___GS2 323561	33.12 0.46 0.00	31.18 0.49 0.00	30.26 0.33 0.00	30.08 0.36 0.00	30.05 0.36 0.00	34.90 0.42 0.00	44.17 0.18 0.00	54.58 0.22 0.05	55.15 0.06 0.07	52.37 0.05 0.00	50.89 0.05 0.18	47.44 0.05 0.00	44.46 0.09 0.00	43.19 0.13 0.00	42.57 0.21 0.00	43.46 0.17 0.00	48.81 0.25 0.53	52.49 0.36 6.92	68.00 0.27 0.00	66.10 0.20 0.19	51.11 0.05 0.00	43.38 0.04 0.00	37.75 0.26 0.00	34.92 0.31 0.00
BETHLEHEM___GS3 323562	33.12 0.46 0.00	31.18 0.49 0.00	30.26 0.33 0.00	30.08 0.36 0.00	30.05 0.36 0.00	34.90 0.42 0.00	44.17 0.18 0.00	54.58 0.22 0.05	55.15 0.06 0.07	52.37 0.05 0.00	50.89 0.05 0.18	47.44 0.05 0.00	44.46 0.09 0.00	43.19 0.13 0.00	42.57 0.21 0.00	43.46 0.17 0.00	48.81 0.25 0.53	52.49 0.36 6.92	68.00 0.27 0.00	66.10 0.20 0.19	51.11 0.05 0.00	43.38 0.04 0.00	37.75 0.26 0.00	34.92 0.31 0.00
BETHLEHEM___STEEL 23779	31.92 -0.75 0.00	30.11 -0.58 0.00	29.60 -0.33 0.00	29.31 -0.42 0.00	29.01 -0.68 0.00	33.34 -1.14 0.00	41.92 -2.07 0.00	50.60 -3.81 0.00	51.08 -4.08 0.00	48.86 -3.45 0.00	47.60 -3.42 0.00	44.41 -2.99 0.00	41.71 -2.66 0.00	40.13 -2.93 0.00	39.73 -2.63 0.00	40.77 -2.51 0.00	45.40 -3.68 0.00	54.57 -4.49 0.00	63.53 -4.20 0.00	62.26 -3.83 0.00	49.37 -1.68 0.00	42.82 -0.52 0.00	37.00 -0.49 0.00	34.34 -0.28 0.00
BETHLHEM_115KV_TB1 79974	33.22 0.56 0.00	31.25 0.55 0.00	30.35 0.42 0.00	30.14 0.42 0.00	30.14 0.45 0.00	35.00 0.52 0.00	44.30 0.31 0.00	54.74 0.38 0.04	55.32 0.22 0.06	52.52 0.21 0.00	51.05 0.20 0.16	47.58 0.19 0.00	44.60 0.22 0.00	43.31 0.26 0.00	42.65 0.30 0.00	43.59 0.30 0.00	48.98 0.39 0.49	53.08 0.53 6.51	68.20 0.47 0.00	66.31 0.40 0.18	51.26 0.20 0.00	43.51 0.17 0.00	37.86 0.37 0.00	34.99 0.38 0.00
BETHPAGE_CC_5 323564	34.79 2.12 0.00	32.38 1.69 0.00	31.43 1.50 0.00	31.09 1.37 0.00	31.15 1.45 0.00	36.24 1.76 0.00	44.71 1.28 0.56	56.49 2.12 0.03	56.25 1.82 0.74	52.87 1.67 1.12	53.39 2.09 -0.28	48.33 1.90 0.96	46.30 2.00 0.07	44.85 1.81 0.01	44.72 2.37 0.00	45.61 2.34 0.00	51.58 2.50 0.01	62.36 3.31 0.00	71.99 4.27 0.00	70.30 3.90 -0.31	53.24 2.19 0.01	45.02 1.69 0.01	39.73 2.25 0.00	36.48 1.87 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	31.88 -0.78 0.00	30.08 -0.61 0.00	29.60 -0.33 0.00	29.28 -0.45 0.00	28.98 -0.71 0.00	33.31 -1.17 0.00	41.92 -2.07 0.00	50.60 -3.81 0.00	51.14 -4.03 0.00	48.86 -3.45 0.00	47.54 -3.47 0.00	44.41 -2.99 0.00	41.67 -2.71 0.00	40.13 -2.93 0.00	39.69 -2.67 0.00	40.73 -2.55 0.00	45.40 -3.68 0.00	54.63 -4.43 0.00	63.60 -4.13 0.00	62.32 -3.77 0.00	49.37 -1.68 0.00	42.82 -0.52 0.00	37.00 -0.49 0.00	34.34 -0.28 0.00
BINGHAMTON___COGEN 23790	32.80 0.13 0.00	30.82 0.12 0.00	30.14 0.21 0.00	29.90 0.18 0.00	29.81 0.12 0.00	34.58 0.10 0.00	44.08 0.09 0.00	54.46 0.05 0.00	55.06 -0.11 0.00	52.21 -0.10 0.00	50.81 -0.20 0.00	47.25 -0.14 0.00	44.29 -0.09 0.00	42.93 -0.13 0.00	42.23 -0.13 0.00	43.15 -0.13 0.00	48.84 -0.25 0.00	58.82 -0.24 0.00	67.86 0.14 0.00	66.35 0.26 0.00	51.51 0.46 0.00	43.81 0.48 0.00	37.86 0.37 0.00	34.85 0.24 0.00

BIXINCNT_115KV_LOAD 355685	31.46 -1.21 0.00	29.68 -1.01 0.00	29.24 -0.69 0.00	28.83 -0.89 0.00	28.42 -1.28 0.00	32.58 -1.90 0.00	41.13 -2.86 0.00	49.89 -4.52 0.00	50.26 -4.91 0.00	47.76 -4.55 0.00	46.42 -4.59 0.00	43.27 -4.12 0.00	40.43 -3.95 0.00	38.97 -4.09 0.00	38.58 -3.77 0.00	39.69 -3.59 0.00	44.42 -4.66 0.00	53.74 -5.32 0.00	62.85 -4.88 0.00	61.86 -4.23 0.00	48.91 -2.14 0.00	42.38 -0.95 0.00	36.85 -0.64 0.00	34.23 -0.38 0.00
BLACK RIVER___HYD 24047	33.41 0.46 -0.28	31.39 0.40 -0.30	30.60 0.45 -0.22	30.39 0.47 -0.19	30.24 0.36 -0.19	35.53 0.76 -0.29	45.98 1.80 -0.19	57.33 2.45 -0.48	58.65 2.54 -0.94	55.59 2.04 -1.24	54.26 1.94 -1.30	49.67 1.42 -0.86	46.01 1.02 -0.62	44.24 0.78 -0.41	43.49 0.72 -0.42	44.31 0.78 -0.25	50.16 0.88 -0.19	60.18 1.12 0.00	69.99 1.76 -0.50	68.98 2.38 -0.51	52.89 1.79 -0.05	44.97 1.56 -0.08	38.57 1.05 -0.04	35.60 0.80 -0.19
BLACKRVR_115KV_TB2 79977	33.41 0.46 -0.28	31.39 0.40 -0.30	30.60 0.45 -0.22	30.39 0.48 -0.19	30.24 0.36 -0.19	35.53 0.76 -0.29	45.98 1.80 -0.19	57.33 2.45 -0.48	58.64 2.54 -0.94	55.60 2.04 -1.24	54.26 1.94 -1.30	49.72 1.47 -0.86	46.01 1.02 -0.62	44.24 0.78 -0.41	43.49 0.72 -0.42	44.31 0.78 -0.25	50.11 0.83 -0.19	60.18 1.12 0.00	69.99 1.76 -0.50	68.98 2.38 -0.51	52.89 1.79 -0.05	44.98 1.56 -0.08	38.57 1.05 -0.04	35.60 0.80 -0.19
BLDWN_LI_69_KV_BK4 356085	34.95 2.29 0.00	32.53 1.84 0.00	31.55 1.62 0.00	31.21 1.49 0.00	31.27 1.57 0.00	36.45 1.97 0.00	45.32 1.67 0.34	57.03 2.61 -0.01	57.13 2.37 0.40	53.78 2.14 0.68	53.85 2.55 -0.29	49.14 2.32 0.58	46.73 2.40 0.05	45.63 2.58 0.01	45.02 2.67 0.00	45.96 2.68 0.00	52.02 2.95 0.01	62.89 3.84 0.00	72.67 4.94 0.00	70.90 4.49 -0.32	53.75 2.71 0.01	45.41 2.08 0.01	40.00 2.51 0.00	36.72 2.11 0.00
BLISS_WT_PWR 323608	31.33 -1.34 0.00	29.62 -1.08 0.00	29.18 -0.75 0.00	28.68 -1.04 0.00	28.27 -1.42 0.00	32.38 -2.10 0.00	40.87 -3.12 0.00	49.56 -4.84 0.00	49.92 -5.24 0.00	47.39 -4.92 0.00	46.07 -4.95 0.00	42.89 -4.50 0.00	40.07 -4.30 0.00	38.71 -4.35 0.00	38.33 -4.02 0.00	39.39 -3.90 0.00	44.08 -5.01 0.00	53.39 -5.67 0.00	62.45 -5.28 0.00	61.53 -4.56 0.00	48.66 -2.40 0.00	42.25 -1.08 0.00	36.77 -0.71 0.00	34.20 -0.41 0.00
BLUESTONE___WT_PWR 323821	33.19 0.52 0.00	31.25 0.55 0.00	30.65 0.72 0.00	30.52 0.80 0.00	30.47 0.77 0.00	35.51 1.03 0.00	45.88 1.89 0.00	56.86 2.45 0.00	57.54 2.37 0.00	54.25 1.94 0.00	52.75 1.74 0.00	48.77 1.38 0.00	45.62 1.24 0.00	43.96 0.91 0.00	43.20 0.85 0.00	44.02 0.74 0.00	49.97 0.88 0.00	61.18 2.12 0.00	70.64 2.91 0.00	69.39 3.30 0.00	53.66 2.60 0.00	44.81 1.47 0.00	38.65 1.16 0.00	35.55 0.93 0.00
BLUE_CIRC_CHEM_DRP 24182	33.58 0.91 0.00	31.58 0.89 0.00	30.74 0.81 0.00	30.49 0.77 0.00	30.56 0.86 0.00	35.48 1.00 0.00	45.00 1.01 0.00	55.80 1.41 0.02	56.34 1.21 0.03	53.31 0.99 0.00	51.89 0.97 0.09	48.10 0.71 0.00	45.09 0.71 0.00	43.74 0.69 0.00	43.12 0.76 0.00	44.11 0.82 0.00	49.76 0.98 0.31	56.23 1.24 4.06	69.08 1.35 0.00	67.32 1.32 0.10	51.97 0.92 0.00	44.12 0.78 0.00	38.31 0.82 0.00	35.41 0.80 0.00
BOC_GAS_DRP 24189	33.42 0.75 0.00	31.40 0.71 0.00	30.53 0.60 0.00	30.32 0.59 0.00	30.29 0.59 0.00	35.17 0.69 0.00	44.65 0.66 0.00	55.25 0.87 0.03	55.84 0.72 0.04	52.99 0.68 0.00	51.58 0.66 0.10	48.01 0.62 0.00	45.00 0.62 0.00	43.70 0.65 0.00	43.03 0.68 0.00	43.98 0.69 0.00	49.63 0.83 0.28	56.31 1.00 3.75	68.81 1.08 0.00	66.97 0.99 0.11	51.77 0.71 0.00	43.94 0.61 0.00	38.16 0.67 0.00	35.27 0.66 0.00
BOONVILLE_115KV_TB1 79983	33.03 0.36 0.00	31.00 0.31 0.00	30.26 0.33 0.00	30.08 0.36 0.00	29.99 0.30 0.00	35.10 0.62 0.00	45.26 1.28 0.00	56.15 1.74 0.00	57.04 1.88 0.00	53.99 1.67 0.00	52.60 1.58 0.00	48.63 1.23 0.00	45.26 0.89 0.00	43.79 0.73 0.00	43.07 0.72 0.00	43.98 0.69 0.00	49.87 0.79 0.00	60.00 0.94 0.00	68.95 1.22 0.00	67.68 1.59 0.00	52.23 1.17 0.00	44.29 0.95 0.00	38.16 0.67 0.00	35.17 0.55 0.00
BORALEX_4TH_BRANCH 23824	34.56 1.89 0.00	32.47 1.78 0.00	31.49 1.56 0.00	31.27 1.55 0.00	31.36 1.66 0.00	36.45 1.97 0.00	46.36 2.38 0.00	56.83 2.56 0.13	57.35 2.37 0.19	54.62 2.30 0.00	52.66 2.14 0.49	49.43 2.04 0.00	46.37 2.00 0.00	45.08 2.02 0.00	44.47 2.12 0.00	45.40 2.12 0.00	52.53 2.70 -0.74	72.16 3.31 -9.80	71.32 3.59 0.00	68.92 3.37 0.54	53.56 2.50 0.00	45.46 2.12 0.00	39.36 1.87 0.00	36.48 1.87 0.00
BOWLINE___1 23526	34.66 1.99 0.00	32.44 1.75 0.00	31.52 1.59 0.00	31.21 1.49 0.00	31.21 1.51 0.00	36.27 1.79 0.00	46.10 2.11 0.00	57.53 3.04 -0.08	58.03 2.76 -0.11	54.82 2.51 0.00	53.84 2.55 -0.28	49.85 2.42 -0.04	46.77 2.39 -0.01	45.47 2.41 0.00	44.81 2.46 0.00	45.75 2.47 0.00	51.93 2.85 0.00	62.60 3.54 0.00	72.07 4.34 0.00	70.56 4.17 -0.30	53.91 2.86 0.00	45.63 2.30 0.00	39.73 2.25 0.00	36.48 1.87 0.00
BOWLINE___2 23595	34.66 1.99 0.00	32.44 1.75 0.00	31.52 1.59 0.00	31.21 1.49 0.00	31.21 1.51 0.00	36.27 1.79 0.00	46.10 2.11 0.00	57.53 3.04 -0.08	58.03 2.76 -0.11	54.82 2.51 0.00	53.84 2.55 -0.28	49.85 2.42 -0.04	46.77 2.39 -0.01	45.47 2.41 0.00	44.81 2.46 0.00	45.75 2.47 0.00	51.88 2.80 0.00	62.54 3.48 0.00	72.07 4.34 0.00	70.56 4.17 -0.30	53.91 2.86 0.00	45.63 2.30 0.00	39.73 2.25 0.00	36.45 1.83 0.00
BRADY___115KV_TB2 356060	33.16 0.49 0.00	31.21 0.52 0.00	30.41 0.48 0.00	30.32 0.59 0.00	30.26 0.56 0.00	35.03 0.55 0.00	45.18 1.19 0.00	55.66 1.25 0.00	56.60 1.43 0.00	53.36 1.05 0.00	52.09 1.07 0.00	48.44 1.04 0.00	45.17 0.80 0.00	43.83 0.78 0.00	42.99 0.64 0.00	44.06 0.78 0.00	50.07 0.98 0.00	60.24 1.18 0.00	68.81 1.08 0.00	67.54 1.45 0.00	52.02 0.97 0.00	44.16 0.82 0.00	38.12 0.64 0.00	35.30 0.69 0.00
BRANSCOMB___SOLAR 323811	34.17 1.50 0.00	32.04 1.35 0.00	31.22 1.29 0.00	30.97 1.25 0.00	30.97 1.28 0.00	35.96 1.48 0.00	45.79 1.80 0.00	56.63 2.28 0.06	57.17 2.10 0.09	54.30 1.99 0.00	52.60 1.83 0.24	48.95 1.56 0.00	45.84 1.46 0.00	44.47 1.42 0.00	43.84 1.48 0.00	44.80 1.51 0.00	51.58 1.91 -0.58	69.19 2.48 -7.66	70.57 2.84 0.00	68.47 2.65 0.26	52.99 1.94 0.00	44.98 1.65 0.00	38.91 1.42 0.00	35.96 1.35 0.00
BRDGHMPT_69_KV_BK1 55812	34.53 1.86 0.00	32.07 1.38 0.00	31.10 1.17 0.00	30.79 1.07 0.00	30.85 1.16 0.00	36.00 1.52 0.00	43.89 0.62 0.71	55.70 1.36 0.06	55.35 1.16 0.97	51.98 1.10 1.44	52.88 1.58 -0.28	47.45 1.28 1.22	45.66 1.38 0.09	44.72 1.68 0.01	44.13 1.78 0.00	45.14 1.86 0.00	50.99 1.91 0.01	61.65 2.60 0.00	71.31 3.59 0.00	69.58 3.17 -0.32	52.52 1.48 0.01	44.46 1.13 0.01	39.29 1.80 0.00	36.34 1.73 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	35.02 2.35 0.00	32.60 1.90 0.00	31.61 1.68 0.00	31.27 1.55 0.00	31.36 1.66 0.00	36.55 2.07 0.00	44.40 1.10 0.69	56.31 1.96 0.06	55.83 1.60 0.94	52.39 1.46 1.38	53.64 2.35 -0.28	47.87 1.66 1.18	46.46 2.17 0.09	45.46 2.41 0.01	44.85 2.50 0.00	45.83 2.55 0.00	51.77 2.70 0.01	62.65 3.60 0.00	72.40 4.67 0.00	70.64 4.23 -0.32	53.44 2.40 0.01	45.24 1.91 0.01	40.11 2.62 0.00	36.83 2.22 0.00
BRISTLHL_115KV_TB1 79998	32.68 -0.69 -0.70	30.79 -0.64 -0.74	29.90 -0.57 -0.54	29.64 -0.56 -0.48	29.57 -0.59 -0.46	34.55 -0.66 -0.73	43.70 -0.75 -0.46	54.67 -0.92 -1.18	55.54 0.06 -0.32	52.84 0.10 -0.42	51.56 0.10 -0.44	47.73 0.05 -0.29	44.63 0.04 -0.21	43.24 0.04 -0.14	42.49 0.00 -0.14	43.32 -0.04 -0.08	49.00 -0.15 -0.06	57.82 -1.24 0.00	67.74 -1.22 -1.23	66.17 -1.19 -1.27	50.35 -0.82 -0.11	42.97 -0.56 -0.19	36.98 -0.60 -0.10	34.46 -0.62 -0.47
BROOKHAVEN___DRP 24191	34.56 1.89 0.00	32.14 1.44 0.00	31.16 1.23 0.00	30.82 1.10 0.00	30.91 1.22 0.00	36.03 1.55 0.00	44.11 0.84 0.71	55.87 1.52 0.06	55.46 1.27 0.98	51.98 1.10 1.44	52.83 1.53 -0.28	47.50 1.33 1.22	45.75 1.46 0.09	44.81 1.77 0.01	44.21 1.86 0.00	45.23 1.95 0.00	51.04 1.96 0.01	61.77 2.72 0.00	71.38 3.66 0.00	69.71 3.30 -0.32	52.68 1.63 0.01	44.63 1.30 0.01	39.55 2.06 0.00	36.41 1.80 0.00
BROOKLYN_NAVY_YARD 23515	35.08 2.42 0.00	32.78 2.09 0.00	31.82 1.89 0.00	31.45 1.72 0.00	31.48 1.78 0.00	36.69 2.21 0.00	46.67 2.68 0.00	58.30 3.81 -0.08	58.87 3.58 -0.12	55.71 3.40 0.00	54.78 3.47 -0.30	50.76 3.27 -0.10	47.58 3.20 -0.01	46.30 3.23 -0.01	45.62 3.26 0.00	46.54 3.25 0.00	52.77 3.68 -0.01	63.61 4.55 0.00	73.22 5.48 0.00	71.63 5.22 -0.32	54.74 3.68 -0.01	46.28 2.95 0.00	40.30 2.81 0.00	36.97 2.35 0.00
BROOKLYN___ARMY_DRP 323595	35.39 2.71 -0.01	33.13 2.42 -0.01	32.15 2.21 -0.01	31.78 2.05 -0.01	31.81 2.11 -0.01	37.01 2.52 -0.01	46.80 2.82 0.00	58.19 3.70 -0.08	58.54 3.25 -0.12	55.35 3.03 0.00	54.43 3.11 -0.30	50.39 2.89 -0.11	47.36 2.97 -0.01	46.13 3.06 -0.01	45.37 3.01 -0.01	46.36 3.07 -0.01	52.53 3.44 -0.01	63.37 4.31 -0.01	72.95 5.22 -0.01	71.31 4.89 -0.33	54.43 3.37 -0.01	46.24 2.90 0.00	40.49 3.00 -0.01	37.25 2.63 -0.01
BROOME_2_LFGE 323671	32.80 0.13 0.00	30.85 0.15 0.00	30.17 0.24 0.00	29.90 0.18 0.00	29.81 0.12 0.00	34.58 0.10 0.00	44.08 0.09 0.00	54.46 0.05 0.00	55.11 -0.06 0.00	52.21 -0.10 0.00	50.81 -0.20 0.00	47.25 -0.14 0.00	44.29 -0.09 0.00	42.93 -0.13 0.00	42.27 -0.08 0.00	43.15 -0.13 0.00	48.84 -0.24 0.00	58.82 -0.24 0.00	67.86 0.14 0.00	66.36 0.27 0.00	51.51 0.46 0.00	43.81 0.48 0.00	37.86 0.37 0.00	34.89 0.28 0.00
BROOME___LFGE 323600	32.80 0.13 0.00	30.85 0.15 0.00	30.17 0.24 0.00	29.90 0.18 0.00	29.81 0.12 0.00	34.58 0.10 0.00	44.08 0.09 0.00	54.46 0.05 0.00	55.11 -0.06 0.00	52.21 -0.10 0.00	50.81 -0.20 0.00	47.25 -0.14 0.00	44.29 -0.09 0.00	42.93 -0.13 0.00	42.27 -0.08 0.00	43.15 -0.13 0.00	48.84 -0.24 0.00	58.82 -0.24 0.00	67.86 0.14 0.00	66.36 0.27 0.00	51.51 0.46 0.00	43.81 0.48 0.00	37.86 0.37 0.00	34.89 0.28 0.00
BROWNFLS_115KV_TB 3_5 80003	33.04 0.26 -0.11	31.05 0.25 -0.12	30.29 0.27 -0.08	30.12 0.33 -0.08	30.06 0.30 -0.07	35.08 0.48 -0.11	45.34 1.28 -0.07	56.11 1.52 -0.19	57.24 1.71 -0.36	54.21 1.41 -0.48	52.95 1.43 -0.50	48.91 1.18 -0.33	45.37 0.75 -0.24	43.82 0.60 -0.16	43.02 0.51 -0.16	43.99 0.61 -0.10	49.65 0.49 -0.07	59.53 0.47 0.00	68.40 0.47 -0.19	67.28 0.99 -0.20	51.84 0.77 -0.02	44.23 0.87 -0.03	38.06 0.56 -0.02	35.20 0.52 -0.07
BROWNSV1_27_KV_LOAD 356125	35.31 2.65 0.00	33.03 2.33 0.00	32.03 2.10 0.00	31.65 1.93 0.00	31.65 1.96 0.00	36.89 2.41 0.00	46.94 2.95 0.00	58.62 4.13 -0.08	59.21 3.92 -0.12	56.03 3.71 0.00	55.04 3.72 -0.30	51.05 3.55 -0.10	47.85 3.46 -0.01	46.56 3.49 -0.01	45.79 3.43 0.00	46.79 3.51 0.00	53.02 3.93 -0.01	63.90 4.84 0.00	73.63 5.89 0.00	71.97 5.55 -0.32	54.99 3.93 -0.01	46.50 3.16 0.00	40.48 3.00 0.00	37.14 2.53 0.00
BURROWS___LYONSDAL 23803	33.00 0.26 -0.07	30.99 0.21 -0.08	30.23 0.24 -0.06	30.04 0.27 -0.05	29.98 0.24 -0.05	35.14 0.59 -0.08	45.31 1.28 -0.05	56.32 1.80 -0.12	57.33 1.93 -0.24	54.30 1.67 -0.31	52.87 1.53 -0.33	48.84 1.23 -0.21	45.28 0.75 -0.15	43.76 0.60 -0.10	43.01 0.55 -0.10	43.91 0.56 -0.06	49.77 0.64 -0.05	59.82 0.77 0.00	68.94 1.08 -0.13	67.68 1.45 -0.13	52.14 1.07 -0.01	44.22 0.87 -0.02	38.10 0.60 -0.01	35.11 0.45 -0.05
CAITHNESS_CC_1 323624	34.56 1.89 0.00	32.14 1.44 0.00	31.19 1.26 0.00	30.85 1.13 0.00	30.91 1.22 0.00	36.07 1.59 0.00	44.11 0.83 0.71	55.86 1.52 0.06	55.46 1.27 0.98	51.98 1.10 1.44	52.83 1.53 -0.28	47.49 1.33 1.22	45.79 1.51 0.09	44.38 1.34 0.01	44.38 2.03 0.00	45.23 1.95 0.00	51.04 1.97 0.01	61.77 2.72 0.00	71.45 3.72 0.00	69.71 3.30 -0.31	52.68 1.63 0.01	44.67 1.34 0.01	39.47 1.99 0.00	36.41 1.80 0.00
CALPINE BETH_PAGE_GT4 24209	34.86 2.19 0.00	32.47 1.78 0.00	31.49 1.56 0.00	31.15 1.43 0.00	31.21 1.51 0.00	36.34 1.86 0.00	44.90 1.41 0.50	56.61 2.23 0.02	56.50 1.99 0.65	53.14 1.83 1.01	53.49 2.19 -0.29	48.57 2.04 0.86	46.40 2.09 0.07	45.37 2.33 0.01	44.72 2.37 0.00	45.70 2.42 0.00	51.68 2.60 0.01	62.48 3.43 0.00	72.13 4.40 0.00	70.44 4.03 -0.32	53.34 2.30 0.01	45.06 1.73 0.01	39.92 2.44 0.00	36.62 2.01 0.00
CALPINE_BETH_PAGE_GT_4 323586	34.86 2.19 0.00	32.44 1.75 0.00	31.49 1.56 0.00	31.15 1.43 0.00	31.21 1.51 0.00	36.34 1.86 0.00	44.85 1.37 0.50	56.61 2.23 0.02	56.44 1.93 0.65	53.14 1.83 1.01	53.49 2.19 -0.29	48.57 2.04 0.86	46.40 2.09 0.07	44.94 1.89 0.01	44.80 2.46 0.00	45.66 2.38 0.00	51.67 2.60 0.01	62.48 3.42 0.00	72.12 4.40 0.00	70.44 4.03 -0.31	53.34 2.30 0.01	45.11 1.78 0.01	39.85 2.36 0.00	36.58 1.97 0.00
CALPINE_BP_GT1 23823	34.86 2.19 0.00	32.44 1.75 0.00	31.49 1.56 0.00	31.15 1.43 0.00	31.21 1.51 0.00	36.34 1.86 0.00	44.85 1.37 0.50	56.61 2.23 0.02	56.44 1.93 0.65	53.14 1.83 1.01	53.49 2.19 -0.29	48.57 2.04 0.86	46.40 2.09 0.07	44.94 1.89 0.01	44.80 2.46 0.00	45.66 2.38 0.00	51.67 2.60 0.01	62.48 3.42 0.00	72.12 4.40 0.00	70.44 4.03 -0.31	53.34 2.30 0.01	45.11 1.78 0.01	39.85 2.36 0.00	36.58 1.97 0.00
CALSPAN___DRP 24200	31.92 -0.75 0.00	30.11 -0.58 0.00	29.60 -0.33 0.00	29.31 -0.42 0.00	29.01 -0.68 0.00	33.34 -1.14 0.00	41.92 -2.07 0.00	50.60 -3.81 0.00	51.08 -4.08 0.00	48.86 -3.45 0.00	47.60 -3.42 0.00	44.41 -2.99 0.00	41.71 -2.66 0.00	40.13 -2.93 0.00	39.73 -2.63 0.00	40.77 -2.51 0.00	45.40 -3.68 0.00	54.57 -4.49 0.00	63.53 -4.20 0.00	62.26 -3.83 0.00	49.37 -1.68 0.00	42.82 -0.52 0.00	37.00 -0.49 0.00	34.34 -0.28 0.00

CALVERTON___SOLAR 323806	34.56 1.89 0.00	32.11 1.41 0.00	31.13 1.20 0.00	30.82 1.10 0.00	30.88 1.19 0.00	36.03 1.55 0.00	44.07 0.79 0.71	55.81 1.47 0.06	55.40 1.21 0.97	51.98 1.10 1.44	52.83 1.53 -0.28	47.45 1.28 1.22	45.75 1.46 0.09	44.29 1.25 0.01	44.30 1.95 0.00	45.18 1.90 0.00	51.04 1.97 0.01	61.77 2.72 0.00	71.45 3.72 0.00	69.71 3.30 -0.31	52.68 1.63 0.01	44.67 1.34 0.01	39.43 1.95 0.00	36.38 1.76 0.00
CANDIGU_WT_PWR 323617	31.98 -0.69 0.00	30.20 -0.49 0.00	29.66 -0.27 0.00	29.33 -0.39 0.00	29.10 -0.59 0.00	33.52 -0.97 0.00	42.45 -1.54 0.00	52.23 -2.18 0.00	52.68 -2.48 0.00	5.11 -2.56 44.64	5.08 -2.76 43.18	1.95 -2.61 42.84	1.93 -2.40 40.05	1.86 -2.37 38.83	1.80 -2.20 38.35	1.87 -2.38 39.04	2.03 -2.75 44.31	56.40 -2.66 0.00	65.97 -1.76 0.00	64.64 -1.45 0.00	50.49 -0.56 0.00	43.08 -0.26 0.00	37.23 -0.26 0.00	34.33 -0.28 0.00
CARR STREET_E_SYR 24060	32.18 -0.49 0.00	30.23 -0.46 0.00	29.54 -0.39 0.00	29.31 -0.42 0.00	29.25 -0.44 0.00	34.00 -0.48 0.00	43.46 -0.53 0.00	53.81 -0.60 0.00	54.56 -0.61 0.00	51.79 -0.52 0.00	50.50 -0.51 0.00	46.92 -0.47 0.00	43.93 -0.44 0.00	42.63 -0.43 0.00	41.93 -0.42 0.00	42.77 -0.52 0.00	48.40 -0.69 0.00	58.17 -0.88 0.00	66.92 -0.81 0.00	65.36 -0.73 0.00	50.59 -0.46 0.00	42.99 -0.35 0.00	37.07 -0.41 0.00	34.16 -0.45 0.00
CARTHAGE___PAPER 23857	33.23 0.33 -0.24	31.22 0.28 -0.25	30.41 0.30 -0.18	30.24 0.36 -0.16	30.12 0.27 -0.16	35.38 0.65 -0.24	45.77 1.63 -0.16	56.98 2.18 -0.40	58.26 2.32 -0.78	55.22 1.88 -1.03	53.83 1.74 -1.08	49.38 1.28 -0.71	45.68 0.80 -0.51	44.00 0.60 -0.34	43.25 0.55 -0.34	44.10 0.61 -0.21	49.93 0.69 -0.16	59.94 0.89 0.00	69.50 1.35 -0.41	68.43 1.92 -0.43	52.52 1.43 -0.04	44.66 1.26 -0.07	38.34 0.82 -0.03	35.39 0.62 -0.16
CASSADAGA_WT_PWR 323784	31.98 -0.69 0.00	30.08 -0.61 0.00	29.45 -0.48 0.00	28.68 -1.04 0.00	28.27 -1.42 0.00	32.45 -2.03 0.00	41.04 -2.95 0.00	49.78 -4.62 0.00	50.09 -5.07 0.00	47.55 -4.76 0.00	46.37 -4.64 0.00	43.18 -4.22 0.00	40.56 -3.82 0.00	39.14 -3.92 0.00	38.67 -3.69 0.00	39.91 -3.38 0.00	44.67 -4.42 0.00	54.22 -4.84 0.00	63.67 -4.06 0.00	63.12 -2.97 0.00	50.03 -1.02 0.00	43.34 0.00 0.00	37.56 0.08 0.00	34.72 0.10 0.00
CE_DUNWOOD___DRP 24194	34.79 2.12 0.00	32.57 1.87 0.00	31.64 1.71 0.00	31.30 1.58 0.00	31.33 1.63 0.00	36.41 1.93 0.00	46.28 2.29 0.00	57.75 3.26 -0.08	58.26 2.98 -0.12	55.09 2.77 0.00	54.12 2.81 -0.30	50.15 2.70 -0.05	47.00 2.62 -0.01	45.73 2.67 0.00	45.03 2.67 0.00	45.97 2.68 0.00	52.13 3.04 0.00	62.84 3.78 0.00	72.27 4.54 0.00	70.77 4.36 -0.32	54.07 3.01 0.00	45.76 2.43 0.00	39.85 2.36 0.00	36.62 2.01 0.00
CE_MILLWOOD___DRP 24193	34.72 2.06 0.00	32.53 1.84 0.00	31.58 1.65 0.00	31.24 1.52 0.00	31.27 1.57 0.00	36.34 1.86 0.00	46.19 2.20 0.00	57.64 3.16 -0.08	58.15 2.87 -0.12	54.98 2.67 0.00	54.01 2.70 -0.29	50.00 2.56 -0.05	46.91 2.53 -0.01	45.60 2.54 0.00	44.90 2.54 0.00	45.88 2.60 0.00	52.03 2.95 0.00	62.66 3.60 0.00	72.13 4.40 0.00	70.64 4.23 -0.32	53.97 2.91 0.00	45.68 2.34 0.00	39.77 2.29 0.00	36.55 1.94 0.00
CE_NYC2_DRP 24202	35.22 2.55 -0.01	32.94 2.24 -0.01	31.97 2.04 -0.01	31.60 1.87 -0.01	31.63 1.93 -0.01	36.83 2.34 -0.01	46.76 2.77 0.00	58.19 3.70 -0.08	58.66 3.37 -0.12	55.50 3.19 0.00	54.53 3.21 -0.30	50.58 3.08 -0.11	47.45 3.06 -0.01	46.21 3.14 -0.01	45.49 3.13 -0.01	46.45 3.16 -0.01	52.58 3.49 -0.01	63.37 4.31 -0.01	72.95 5.22 -0.01	71.31 4.89 -0.33	54.43 3.37 -0.01	46.24 2.90 0.00	40.38 2.89 -0.01	37.08 2.46 -0.01
CE_NYC_DRP 24195	35.08 2.42 0.00	32.84 2.15 0.00	31.88 1.95 0.00	31.51 1.78 0.00	31.54 1.84 0.00	36.72 2.24 0.00	46.67 2.68 0.00	58.30 3.81 -0.08	58.93 3.64 -0.12	55.71 3.40 0.00	54.73 3.42 -0.30	50.76 3.27 -0.10	47.58 3.20 -0.01	46.30 3.23 -0.01	45.58 3.22 0.00	46.53 3.25 0.00	52.72 3.63 -0.01	63.55 4.49 0.00	73.15 5.42 0.00	71.50 5.09 -0.32	54.69 3.62 -0.01	46.24 2.90 0.00	40.26 2.77 0.00	36.93 2.32 0.00
CHAFFEE___LFGE 323603	31.92 -0.75 0.00	30.17 -0.52 0.00	29.66 -0.27 0.00	29.31 -0.42 0.00	29.01 -0.68 0.00	33.34 -1.14 0.00	42.05 -1.93 0.00	50.87 -3.54 0.00	51.36 -3.81 0.00	49.02 -3.29 0.00	47.75 -3.27 0.00	44.55 -2.84 0.00	41.85 -2.53 0.00	40.34 -2.71 0.00	39.90 -2.46 0.00	40.90 -2.38 0.00	45.55 -3.53 0.00	54.80 -4.25 0.00	63.80 -3.93 0.00	62.59 -3.50 0.00	49.52 -1.53 0.00	42.90 -0.43 0.00	37.07 -0.41 0.00	34.37 -0.24 0.00
CHATEAUG_35_KV_LOAD 355732	32.44 -0.23 0.00	30.51 -0.18 0.00	29.66 -0.27 0.00	29.51 -0.21 0.00	29.55 -0.15 0.00	34.20 -0.28 0.00	43.72 -0.26 0.00	53.97 -0.44 0.00	55.00 -0.17 0.00	52.16 -0.16 0.00	50.91 -0.10 0.00	47.44 0.05 0.00	44.29 -0.09 0.00	43.06 0.00 0.00	42.40 0.04 0.00	43.33 0.04 0.00	49.28 0.20 0.00	59.29 0.24 0.00	67.53 -0.20 0.00	66.02 -0.07 0.00	50.75 -0.31 0.00	43.03 -0.30 0.00	37.11 -0.37 0.00	34.37 -0.24 0.00
CHATEAUG_WT_PWR 323614	32.34 -0.33 0.00	30.42 -0.28 0.00	29.60 -0.33 0.00	29.42 -0.30 0.00	29.46 -0.24 0.00	34.10 -0.38 0.00	43.51 -0.48 0.00	53.70 -0.71 0.00	54.72 -0.44 0.00	51.95 -0.36 0.00	50.81 -0.20 0.00	47.30 -0.09 0.00	44.20 -0.18 0.00	42.97 -0.09 0.00	42.14 -0.21 0.00	43.24 -0.04 0.00	49.13 0.05 0.00	59.06 0.00 0.00	67.26 -0.47 0.00	65.70 -0.39 0.00	50.54 -0.51 0.00	42.73 -0.61 0.00	36.96 -0.52 0.00	34.23 -0.38 0.00
CHAT_HIGH_FALL_HYD 323578	32.44 -0.23 0.00	30.51 -0.18 0.00	29.66 -0.27 0.00	29.51 -0.21 0.00	29.55 -0.15 0.00	34.20 -0.28 0.00	43.72 -0.26 0.00	53.97 -0.44 0.00	55.00 -0.17 0.00	52.16 -0.16 0.00	50.91 -0.10 0.00	47.44 0.05 0.00	44.29 -0.09 0.00	43.06 0.00 0.00	42.40 0.04 0.00	43.33 0.04 0.00	49.28 0.20 0.00	59.29 0.24 0.00	67.53 -0.20 0.00	66.02 -0.07 0.00	50.75 -0.31 0.00	43.03 -0.30 0.00	37.11 -0.37 0.00	34.37 -0.24 0.00
CHAUTAUQUA___LFGE 323629	32.08 -0.59 0.00	30.26 -0.43 0.00	29.69 -0.24 0.00	29.19 -0.53 0.00	28.86 -0.83 0.00	33.14 -1.35 0.00	41.83 -2.15 0.00	50.65 -3.75 0.00	51.03 -4.14 0.00	48.55 -3.77 0.00	47.29 -3.72 0.00	44.07 -3.32 0.00	41.40 -2.97 0.00	39.96 -3.10 0.00	39.52 -2.84 0.00	40.60 -2.68 0.00	45.35 -3.73 0.00	54.80 -4.25 0.00	64.07 -3.66 0.00	63.12 -2.97 0.00	49.98 -1.07 0.00	43.25 -0.09 0.00	37.41 -0.07 0.00	34.65 0.03 0.00
CHERRYST_13_KV_LD 356241	35.18 2.52 0.00	32.93 2.24 0.00	31.94 2.01 0.00	31.56 1.84 0.00	31.60 1.90 0.00	36.79 2.31 0.00	46.80 2.82 0.00	58.51 4.03 -0.08	59.10 3.81 -0.12	55.92 3.61 0.00	54.94 3.62 -0.30	50.95 3.46 -0.10	47.76 3.37 -0.01	46.47 3.40 -0.01	45.71 3.35 0.00	46.71 3.42 0.00	52.92 3.83 -0.01	63.73 4.67 0.00	73.35 5.62 0.00	71.70 5.29 -0.32	54.84 3.78 -0.01	46.33 2.99 0.00	40.33 2.85 0.00	37.04 2.42 0.00

CHESTROR_138KV_BK263 355645	34.53 1.86 0.00	32.35 1.66 0.00	31.46 1.53 0.00	31.12 1.40 0.00	31.12 1.43 0.00	36.17 1.69 0.00	46.01 2.02 0.00	57.36 2.88 -0.07	57.86 2.59 -0.10	54.72 2.41 0.00	53.67 2.40 -0.25	49.71 2.27 -0.04	46.60 2.22 0.00	45.30 2.24 0.00	44.60 2.24 0.00	45.58 2.29 0.00	51.74 2.65 0.00	62.37 3.31 0.00	71.86 4.13 0.00	70.40 4.03 -0.28	53.81 2.76 0.00	45.55 2.21 0.00	39.59 2.10 0.00	36.38 1.77 0.00
CH_MIDHUDSON___DRP 24192	34.53 1.86 0.00	32.35 1.66 0.00	31.43 1.50 0.00	31.12 1.40 0.00	31.09 1.40 0.00	36.17 1.69 0.00	45.97 1.98 0.00	57.24 2.77 -0.06	57.79 2.54 -0.08	54.77 2.46 0.00	53.63 2.40 -0.22	49.67 2.27 0.00	46.64 2.26 0.00	45.34 2.28 0.00	44.60 2.24 0.00	45.58 2.29 0.00	51.74 2.65 0.00	62.30 3.25 0.00	71.66 3.93 0.00	70.10 3.77 -0.24	53.66 2.60 0.00	45.46 2.12 0.00	39.51 2.02 0.00	36.38 1.77 0.00
CH_MISC_IPPS 23765	34.73 2.06 0.00	32.53 1.84 0.00	31.61 1.68 0.00	31.30 1.57 0.00	31.27 1.57 0.00	36.34 1.86 0.00	46.27 2.29 0.00	57.68 3.21 -0.06	58.23 2.98 -0.09	55.19 2.88 0.00	54.06 2.80 -0.24	50.05 2.65 0.00	46.99 2.62 0.00	45.64 2.58 0.00	44.98 2.63 0.00	45.88 2.60 0.00	52.08 2.99 0.00	62.84 3.78 0.00	72.34 4.61 0.00	70.78 4.43 -0.26	54.12 3.06 0.00	45.81 2.47 0.00	39.77 2.29 0.00	36.58 1.97 0.00
CH_RES_BVR_FALLS 23983	0.20 -0.85 31.62	29.93 -0.77 0.00	29.21 -0.72 0.00	29.13 -0.59 0.00	29.25 -0.44 0.00	34.10 -0.38 0.00	43.68 -0.31 0.00	54.03 -0.38 0.00	54.84 -0.33 0.00	51.89 -0.42 0.00	50.55 -0.46 0.00	46.87 -0.52 0.00	43.75 -0.62 0.00	42.41 -0.64 0.00	41.59 -0.76 0.00	42.46 -0.82 0.00	48.15 -0.93 0.00	57.88 -1.18 0.00	66.30 -1.43 0.00	64.70 -1.39 0.00	49.88 -1.17 0.00	42.30 -1.04 0.00	36.63 -0.86 0.00	33.85 -0.76 0.00
CH_RES_NIAGARA 23895	31.75 -0.91 0.00	29.99 -0.71 0.00	29.51 -0.42 0.00	28.86 -0.86 0.00	28.63 -1.07 0.00	33.27 -1.21 0.00	41.31 -2.68 0.00	49.62 -4.79 0.00	50.15 -5.02 0.00	48.13 -4.19 0.00	46.88 -4.13 0.00	43.84 -3.55 0.00	41.14 -3.24 0.00	39.65 -3.40 0.00	39.26 -3.09 0.00	40.17 -3.12 0.00	44.62 -4.47 0.00	53.45 -5.61 0.00	61.97 -5.76 0.00	60.54 -5.55 0.00	48.25 -2.81 0.00	42.04 -1.30 0.00	36.25 -1.24 0.00	33.85 -0.76 0.00
CH_RES_SYRACUSE 23985	32.63 -0.33 -0.29	30.69 -0.31 -0.30	29.91 -0.24 -0.22	29.68 -0.24 -0.20	29.59 -0.30 -0.19	34.50 -0.28 -0.30	43.91 -0.26 -0.19	54.67 -0.22 -0.48	55.84 -0.22 -0.90	53.34 -0.16 -1.19	52.11 -0.15 -1.24	48.02 -0.19 -0.82	44.79 -0.18 -0.59	43.28 -0.17 -0.39	42.58 -0.17 -0.40	43.22 -0.30 -0.24	48.87 -0.39 -0.18	58.52 -0.53 0.00	67.89 -0.34 -0.50	66.28 -0.33 -0.52	50.95 -0.15 -0.05	43.33 -0.09 -0.08	37.34 -0.19 -0.04	34.56 -0.24 -0.19
CLINTON_WT_PWR 323605	32.34 -0.33 0.00	30.42 -0.28 0.00	29.60 -0.33 0.00	29.42 -0.30 0.00	29.46 -0.24 0.00	34.10 -0.38 0.00	43.51 -0.48 0.00	53.70 -0.71 0.00	54.72 -0.44 0.00	51.95 -0.36 0.00	50.81 -0.20 0.00	47.30 -0.09 0.00	44.20 -0.18 0.00	42.97 -0.09 0.00	42.14 -0.21 0.00	43.24 -0.04 0.00	49.13 0.05 0.00	59.06 0.00 0.00	67.26 -0.47 0.00	65.70 -0.39 0.00	50.54 -0.51 0.00	42.73 -0.61 0.00	36.96 -0.52 0.00	34.23 -0.38 0.00
CLINTON___LFGE 323618	32.47 -0.19 0.00	30.54 -0.15 0.00	29.66 -0.27 0.00	29.57 -0.15 0.00	29.61 -0.09 0.00	34.20 -0.28 0.00	43.55 -0.44 0.00	53.64 -0.76 0.00	54.95 -0.22 0.00	52.16 -0.16 0.00	51.01 0.00 0.00	47.63 0.24 0.00	44.46 0.09 0.00	43.23 0.17 0.00	42.31 -0.04 0.00	43.46 0.17 0.00	49.48 0.39 0.00	59.47 0.42 0.00	67.53 -0.20 0.00	66.09 0.00 0.00	50.64 -0.41 0.00	42.77 -0.56 0.00	37.04 -0.45 0.00	34.33 -0.28 0.00
COBBLENY_34_KV_TB1 80064	31.92 -0.75 0.00	30.08 -0.61 0.00	29.60 -0.33 0.00	29.31 -0.42 0.00	29.01 -0.68 0.00	33.34 -1.14 0.00	42.05 -1.94 0.00	50.81 -3.59 0.00	51.36 -3.81 0.00	49.02 -3.30 0.00	47.75 -3.26 0.00	44.55 -2.84 0.00	41.85 -2.53 0.00	40.26 -2.80 0.00	39.86 -2.50 0.00	40.90 -2.38 0.00	45.55 -3.53 0.00	54.80 -4.25 0.00	63.80 -3.93 0.00	62.59 -3.50 0.00	49.52 -1.53 0.00	42.90 -0.43 0.00	37.07 -0.41 0.00	34.37 -0.24 0.00
COFFEEN___115KV_TB3 355620	33.55 0.59 -0.29	31.52 0.52 -0.31	30.72 0.57 -0.22	30.52 0.59 -0.20	30.36 0.48 -0.19	35.65 0.86 -0.30	46.20 2.02 -0.19	57.62 2.72 -0.49	58.95 2.81 -0.97	55.90 2.30 -1.28	54.50 2.14 -1.34	49.89 1.61 -0.88	46.21 1.20 -0.63	44.39 0.90 -0.43	43.63 0.85 -0.43	44.45 0.91 -0.26	50.36 1.08 -0.20	60.47 1.42 0.00	70.34 2.10 -0.51	69.46 2.84 -0.53	53.25 2.14 -0.05	45.24 1.82 -0.08	38.76 1.24 -0.04	35.78 0.97 -0.19
COLDSPRG_115KV_BK1 355956	32.18 -0.49 0.00	30.26 -0.43 0.00	29.75 -0.18 0.00	29.28 -0.45 0.00	28.92 -0.77 0.00	33.20 -1.28 0.00	42.19 -1.80 0.00	51.36 -3.05 0.00	51.63 -3.53 0.00	49.02 -3.30 0.00	47.70 -3.32 0.00	44.41 -2.99 0.00	41.71 -2.66 0.00	40.13 -2.93 0.00	39.69 -2.67 0.00	40.86 -2.42 0.00	45.75 -3.34 0.00	55.39 -3.66 0.00	64.88 -2.84 0.00	64.11 -1.98 0.00	50.49 -0.56 0.00	43.51 0.17 0.00	37.75 0.26 0.00	34.82 0.21 0.00
COLONIE_LFGE___ 323577	33.97 1.31 0.00	31.92 1.23 0.00	31.01 1.08 0.00	30.79 1.07 0.00	30.79 1.10 0.00	35.79 1.31 0.00	45.53 1.54 0.00	56.12 1.79 0.08	56.71 1.65 0.11	53.88 1.57 0.00	52.21 1.48 0.29	48.72 1.33 0.00	45.66 1.29 0.00	44.35 1.29 0.00	43.75 1.40 0.00	44.67 1.38 0.00	51.82 1.76 -0.97	73.98 2.19 -12.74	70.10 2.37 0.00	68.03 2.25 0.31	52.69 1.63 0.00	44.72 1.39 0.00	38.76 1.28 0.00	35.86 1.24 0.00
COOPERNY_115KV_TB1 80082	34.10 1.44 0.00	31.98 1.29 0.00	31.13 1.20 0.00	30.82 1.10 0.00	30.82 1.13 0.00	35.76 1.28 0.00	45.57 1.58 0.00	56.68 2.23 -0.05	57.27 2.04 -0.07	54.20 1.88 0.00	52.97 1.79 -0.17	49.12 1.71 -0.02	46.06 1.69 0.00	44.78 1.72 0.00	44.05 1.69 0.00	45.02 1.73 0.00	51.05 1.96 0.00	61.54 2.48 0.00	70.84 3.12 0.00	69.32 3.04 -0.18	53.25 2.20 0.00	45.07 1.73 0.00	39.14 1.65 0.00	36.00 1.38 0.00
COPENHAGEN_WT_PWR 323753	33.30 0.33 -0.31	31.32 0.31 -0.32	30.50 0.33 -0.24	30.29 0.36 -0.21	30.17 0.27 -0.20	35.42 0.62 -0.32	45.73 1.54 -0.20	56.99 2.07 -0.52	58.39 2.21 -1.02	55.44 1.78 -1.35	54.06 1.63 -1.41	49.55 1.23 -0.93	45.88 0.84 -0.67	44.11 0.60 -0.45	43.35 0.55 -0.45	44.16 0.61 -0.27	49.93 0.64 -0.21	59.94 0.89 0.00	69.69 1.42 -0.54	68.63 1.98 -0.56	52.64 1.53 -0.05	44.77 1.34 -0.09	38.39 0.86 -0.04	35.47 0.66 -0.20
CORNELL_____ 23752	32.96 0.29 0.00	30.97 0.28 0.00	30.29 0.36 0.00	30.08 0.36 0.00	29.99 0.30 0.00	34.89 0.41 0.00	44.74 0.75 0.00	55.38 0.98 0.00	56.05 0.88 0.00	52.99 0.68 0.00	51.47 0.46 0.00	47.77 0.38 0.00	44.73 0.36 0.00	43.36 0.30 0.00	42.65 0.30 0.00	43.54 0.26 0.00	49.38 0.29 0.00	59.59 0.53 0.00	68.81 1.08 0.00	67.28 1.19 0.00	52.13 1.07 0.00	44.25 0.91 0.00	38.12 0.64 0.00	35.10 0.48 0.00

CORONA__69_KV_TB1 355595	34.95 2.29 0.00	32.57 1.87 0.00	31.58 1.65 0.00	31.24 1.52 0.00	31.30 1.60 0.00	36.48 2.00 0.00	45.72 1.80 0.07	57.24 2.77 -0.06	57.71 2.54 -0.01	54.58 2.41 0.14	54.06 2.75 -0.29	49.85 2.56 0.10	46.94 2.57 0.01	45.81 2.76 0.01	45.14 2.80 0.00	46.09 2.81 0.00	52.12 3.04 0.01	63.01 3.96 0.00	72.80 5.08 0.00	71.03 4.63 -0.32	53.86 2.81 0.01	45.50 2.17 0.01	40.03 2.55 0.00	36.72 2.11 0.00
CORTLAND__115KV_TB3 80093	32.76 0.10 0.00	30.79 0.09 0.00	30.11 0.18 0.00	29.90 0.18 0.00	29.81 0.12 0.00	34.65 0.17 0.00	44.34 0.35 0.00	54.95 0.54 0.00	55.61 0.44 0.00	52.68 0.37 0.00	51.27 0.26 0.00	47.58 0.19 0.00	44.60 0.22 0.00	43.19 0.13 0.00	42.52 0.17 0.00	43.37 0.09 0.00	49.18 0.10 0.00	59.23 0.18 0.00	68.27 0.54 0.00	66.75 0.66 0.00	51.67 0.61 0.00	43.90 0.56 0.00	37.86 0.37 0.00	34.85 0.24 0.00
COXSACKIE__GT 23611	34.23 1.57 0.00	32.17 1.47 0.00	31.28 1.35 0.00	31.06 1.34 0.00	31.30 1.60 0.00	36.38 1.90 0.00	46.45 2.46 0.00	58.26 3.86 0.01	58.62 3.48 0.02	54.98 2.67 0.00	53.52 2.55 0.05	48.95 1.56 0.00	45.88 1.51 0.00	44.56 1.51 0.00	43.96 1.61 0.00	45.14 1.86 0.00	50.89 2.16 0.35	57.52 3.07 4.60	71.05 3.32 0.00	69.64 3.63 0.08	53.20 2.14 0.00	45.07 1.74 0.00	38.95 1.46 0.00	36.03 1.42 0.00
CPV_VALLEY__CC1 323721	34.53 1.86 0.00	32.35 1.66 0.00	31.46 1.53 0.00	31.12 1.40 0.00	31.12 1.43 0.00	36.17 1.69 0.00	46.01 2.02 0.00	57.35 2.88 -0.07	57.86 2.59 -0.10	54.72 2.41 0.00	53.66 2.40 -0.25	49.71 2.27 -0.04	46.60 2.22 0.00	45.30 2.24 0.00	44.64 2.29 0.00	45.58 2.29 0.00	51.74 2.65 0.00	62.36 3.31 0.00	71.86 4.13 0.00	70.33 3.97 -0.27	53.81 2.76 0.00	45.55 2.21 0.00	39.58 2.10 0.00	36.38 1.76 0.00
CPV_VALLEY__CC2 323722	34.53 1.86 0.00	32.35 1.66 0.00	31.46 1.53 0.00	31.12 1.40 0.00	31.12 1.43 0.00	36.17 1.69 0.00	46.01 2.02 0.00	57.35 2.88 -0.07	57.86 2.59 -0.10	54.72 2.41 0.00	53.66 2.40 -0.25	49.71 2.27 -0.04	46.60 2.22 0.00	45.30 2.24 0.00	44.64 2.29 0.00	45.58 2.29 0.00	51.74 2.65 0.00	62.36 3.31 0.00	71.86 4.13 0.00	70.33 3.97 -0.27	53.81 2.76 0.00	45.55 2.21 0.00	39.58 2.10 0.00	36.38 1.76 0.00
CRESCENT__HYD 24018	33.97 1.31 0.00	31.92 1.23 0.00	31.01 1.08 0.00	30.79 1.07 0.00	30.79 1.10 0.00	35.79 1.31 0.00	45.53 1.54 0.00	56.12 1.79 0.08	56.71 1.65 0.11	53.88 1.57 0.00	52.21 1.48 0.29	48.72 1.33 0.00	45.66 1.29 0.00	44.35 1.29 0.00	43.75 1.40 0.00	44.67 1.38 0.00	51.82 1.76 -0.97	73.98 2.19 -12.74	70.10 2.37 0.00	68.03 2.25 0.31	52.69 1.63 0.00	44.72 1.39 0.00	38.76 1.28 0.00	35.86 1.24 0.00
CRICKET__VALLEY_CC1 323756	34.17 1.50 0.00	32.01 1.32 0.00	31.07 1.14 0.00	30.79 1.07 0.00	30.79 1.10 0.00	35.82 1.34 0.00	45.49 1.50 0.00	55.46 1.96 0.90	55.58 1.71 1.30	53.94 1.62 0.00	49.23 1.63 3.41	48.95 1.56 0.01	45.97 1.60 0.00	44.69 1.64 0.00	44.05 1.70 0.00	44.97 1.69 0.00	51.10 2.01 0.00	61.48 2.42 0.00	70.57 2.84 0.00	65.10 2.71 3.70	52.89 1.84 0.00	44.85 1.52 0.00	38.99 1.50 0.00	35.93 1.31 0.00
CRICKET__VALLEY_CC2 323757	34.17 1.50 0.00	32.01 1.32 0.00	31.07 1.14 0.00	30.79 1.07 0.00	30.79 1.10 0.00	35.82 1.34 0.00	45.49 1.50 0.00	55.46 1.96 0.90	55.58 1.71 1.30	53.94 1.62 0.00	49.23 1.63 3.41	48.95 1.56 0.01	45.97 1.60 0.00	44.69 1.64 0.00	44.05 1.70 0.00	44.97 1.69 0.00	51.10 2.01 0.00	61.48 2.42 0.00	70.57 2.84 0.00	65.10 2.71 3.70	52.89 1.84 0.00	44.85 1.52 0.00	38.99 1.50 0.00	35.93 1.31 0.00
CRICKET__VALLEY_CC3 323758	34.17 1.50 0.00	32.01 1.32 0.00	31.07 1.14 0.00	30.79 1.07 0.00	30.79 1.10 0.00	35.82 1.34 0.00	45.49 1.50 0.00	55.46 1.96 0.90	55.58 1.71 1.30	53.94 1.62 0.00	49.23 1.63 3.41	48.95 1.56 0.01	45.97 1.60 0.00	44.69 1.64 0.00	44.05 1.70 0.00	44.97 1.69 0.00	51.10 2.01 0.00	61.48 2.42 0.00	70.57 2.84 0.00	65.10 2.71 3.70	52.89 1.84 0.00	44.85 1.52 0.00	38.99 1.50 0.00	35.93 1.31 0.00
CRUCIBLE_METL_DRP 24180	32.63 -0.33 -0.29	30.66 -0.34 -0.30	29.91 -0.24 -0.22	29.68 -0.24 -0.20	29.59 -0.30 -0.19	34.50 -0.28 -0.30	43.91 -0.26 -0.19	54.67 -0.22 -0.48	55.84 -0.22 -0.90	53.34 -0.16 -1.19	52.11 -0.15 -1.24	48.02 -0.19 -0.82	44.79 -0.18 -0.59	43.28 -0.17 -0.39	42.54 -0.21 -0.40	43.22 -0.30 -0.24	48.87 -0.39 -0.18	58.52 -0.53 0.00	67.89 -0.34 -0.50	66.28 -0.33 -0.52	50.95 -0.15 -0.05	43.33 -0.09 -0.08	37.34 -0.19 -0.04	34.53 -0.28 -0.19
DAHOWA__HYDRO 323763	34.20 1.54 0.00	32.11 1.41 0.00	31.28 1.35 0.00	31.03 1.31 0.00	31.00 1.31 0.00	36.03 1.55 0.00	45.84 1.85 0.00	56.79 2.45 0.06	57.34 2.26 0.09	54.46 2.15 0.00	52.77 1.99 0.23	49.05 1.66 0.00	45.88 1.51 0.00	44.52 1.46 0.00	43.88 1.52 0.00	44.84 1.56 0.00	51.62 2.01 -0.52	68.50 2.60 -6.85	70.70 2.98 0.00	68.61 2.78 0.25	53.10 2.04 0.00	45.03 1.69 0.00	38.95 1.46 0.00	36.00 1.39 0.00
DANC__LFGE 323619	32.99 -0.07 -0.39	31.04 -0.06 -0.41	30.20 -0.03 -0.30	29.99 0.00 -0.27	29.87 -0.09 -0.26	34.99 0.10 -0.41	44.86 0.62 -0.26	55.93 0.87 -0.66	57.40 0.94 -1.30	54.76 0.73 -1.72	53.43 0.61 -1.80	48.96 0.38 -1.19	45.40 0.18 -0.85	43.67 0.04 -0.57	42.93 0.00 -0.57	43.63 0.00 -0.35	49.25 -0.10 -0.26	59.00 -0.06 0.00	68.69 0.27 -0.69	67.46 0.66 -0.71	51.63 0.51 -0.06	44.05 0.61 -0.11	37.84 0.30 -0.05	35.01 0.14 -0.26
DANSKAMMER__1 23586	34.73 2.06 0.00	32.53 1.84 0.00	31.61 1.68 0.00	31.30 1.57 0.00	31.27 1.57 0.00	36.34 1.86 0.00	46.27 2.29 0.00	57.68 3.21 -0.06	58.23 2.98 -0.09	55.19 2.88 0.00	54.06 2.80 -0.24	50.05 2.65 0.00	46.99 2.62 0.00	45.64 2.58 0.00	44.98 2.63 0.00	45.88 2.60 0.00	52.08 2.99 0.00	62.84 3.78 0.00	72.34 4.61 0.00	70.78 4.43 -0.26	54.12 3.06 0.00	45.81 2.47 0.00	39.77 2.29 0.00	36.58 1.97 0.00
DANSKAMMER__2 23589	34.73 2.06 0.00	32.53 1.84 0.00	31.61 1.68 0.00	31.30 1.57 0.00	31.27 1.57 0.00	36.34 1.86 0.00	46.27 2.29 0.00	57.68 3.21 -0.06	58.23 2.98 -0.09	55.19 2.88 0.00	54.06 2.80 -0.24	50.05 2.65 0.00	46.99 2.62 0.00	45.64 2.58 0.00	44.98 2.63 0.00	45.88 2.60 0.00	52.08 2.99 0.00	62.84 3.78 0.00	72.34 4.61 0.00	70.78 4.43 -0.26	54.12 3.06 0.00	45.81 2.47 0.00	39.77 2.29 0.00	36.58 1.97 0.00
DANSKAMMER__3 23590	34.73 2.06 0.00	32.53 1.84 0.00	31.61 1.68 0.00	31.30 1.57 0.00	31.27 1.57 0.00	36.34 1.86 0.00	46.27 2.29 0.00	57.68 3.21 -0.06	58.23 2.98 -0.09	55.19 2.88 0.00	54.06 2.80 -0.24	50.05 2.65 0.00	46.99 2.62 0.00	45.64 2.58 0.00	44.98 2.63 0.00	45.88 2.60 0.00	52.08 2.99 0.00	62.84 3.78 0.00	72.34 4.61 0.00	70.78 4.43 -0.26	54.12 3.06 0.00	45.81 2.47 0.00	39.77 2.29 0.00	36.58 1.97 0.00

DANSKAMMER___4 23591	34.73 2.06 0.00	32.53 1.84 0.00	31.61 1.68 0.00	31.30 1.57 0.00	31.27 1.57 0.00	36.34 1.86 0.00	46.27 2.29 0.00	57.68 3.21 -0.06	58.23 2.98 -0.09	55.19 2.88 0.00	54.06 2.80 -0.24	50.05 2.65 0.00	46.99 2.62 0.00	45.64 2.58 0.00	44.98 2.63 0.00	45.88 2.60 0.00	52.08 2.99 0.00	62.84 3.78 0.00	72.34 4.61 0.00	70.78 4.43 -0.26	54.12 3.06 0.00	45.81 2.47 0.00	39.77 2.29 0.00	36.58 1.97 0.00
DANSKAMMER___DIESEL 23592	34.72 2.06 0.00	32.53 1.84 0.00	31.61 1.68 0.00	31.30 1.58 0.00	31.27 1.57 0.00	36.34 1.86 0.00	46.28 2.29 0.00	57.68 3.21 -0.06	58.24 2.98 -0.09	55.19 2.88 0.00	54.06 2.81 -0.24	50.05 2.65 0.00	46.99 2.62 0.00	45.68 2.63 0.00	44.94 2.58 0.00	45.88 2.60 0.00	52.08 2.99 0.00	62.84 3.78 0.00	72.33 4.61 0.00	70.78 4.43 -0.26	54.12 3.06 0.00	45.81 2.47 0.00	39.77 2.29 0.00	36.59 1.97 0.00
DARBY___SOLAR 323810	34.14 1.47 0.00	32.04 1.35 0.00	31.19 1.26 0.00	30.97 1.25 0.00	30.94 1.25 0.00	35.93 1.45 0.00	45.75 1.76 0.00	56.63 2.28 0.06	57.17 2.10 0.09	54.30 1.99 0.00	52.60 1.83 0.24	48.91 1.52 0.00	45.79 1.42 0.00	44.43 1.38 0.00	43.80 1.44 0.00	44.76 1.47 0.00	51.58 1.91 -0.58	69.15 2.48 -7.62	70.51 2.78 0.00	68.47 2.65 0.26	52.99 1.94 0.00	44.94 1.60 0.00	38.87 1.39 0.00	35.93 1.31 0.00
DASHVILLE___HYD 23610	34.43 1.76 0.00	32.26 1.57 0.00	31.34 1.41 0.00	31.03 1.31 0.00	31.03 1.34 0.00	36.03 1.55 0.00	45.84 1.85 0.00	57.55 3.10 -0.04	58.09 2.87 -0.06	54.62 2.30 0.00	53.77 2.60 -0.16	49.43 2.04 0.00	46.42 2.04 0.00	45.12 2.07 0.00	44.39 2.03 0.00	45.40 2.12 0.00	51.82 2.80 0.06	61.75 3.54 0.85	71.52 3.79 0.00	70.42 4.16 -0.17	53.51 2.45 0.00	45.33 1.99 0.00	39.36 1.87 0.00	36.27 1.66 0.00
DELAWARE___LFGE 323621	33.55 0.88 0.00	31.49 0.80 0.00	30.77 0.84 0.00	30.49 0.77 0.00	30.47 0.77 0.00	35.34 0.86 0.00	45.18 1.19 0.00	55.87 1.47 0.00	56.54 1.38 0.00	53.57 1.26 0.00	52.19 1.17 0.00	48.44 1.04 0.00	45.44 1.07 0.00	44.05 0.99 0.00	43.33 0.97 0.00	44.32 1.04 0.00	50.31 1.23 0.00	60.59 1.54 0.00	69.62 1.90 0.00	68.07 1.98 0.00	52.64 1.58 0.00	44.59 1.26 0.00	38.61 1.12 0.00	35.55 0.93 0.00
DERFIELD_115KV_TB7 355931	32.76 0.10 0.00	30.79 0.09 0.00	30.02 0.09 0.00	29.81 0.09 0.00	29.78 0.09 0.00	34.62 0.14 0.00	44.16 0.18 0.00	54.68 0.27 0.00	55.39 0.22 0.00	52.52 0.21 0.00	51.22 0.20 0.00	47.54 0.14 0.00	44.51 0.13 0.00	43.19 0.13 0.00	42.48 0.13 0.00	43.37 0.09 0.00	49.23 0.15 0.00	59.23 0.18 0.00	67.93 0.20 0.00	66.29 0.20 0.00	51.21 0.15 0.00	43.47 0.13 0.00	37.60 0.11 0.00	34.72 0.10 0.00
DOGLEVILLE___HYD 23807	33.25 0.59 0.00	31.25 0.55 0.00	30.50 0.57 0.00	30.29 0.56 0.00	30.29 0.59 0.00	35.24 0.76 0.00	45.26 1.28 0.00	56.09 1.69 0.00	56.93 1.77 0.00	53.99 1.67 0.00	52.75 1.73 0.00	48.77 1.37 0.00	45.57 1.20 0.00	44.05 0.99 0.00	43.20 0.85 0.00	44.06 0.78 0.00	49.97 0.88 0.00	60.06 1.00 0.00	68.95 1.22 0.00	67.48 1.39 0.00	52.13 1.07 0.00	44.29 0.95 0.00	38.31 0.82 0.00	35.37 0.76 0.00
DUNKIRK__115KV_TB_200 55889	32.08 -0.59 0.00	30.23 -0.46 0.00	29.69 -0.24 0.00	29.22 -0.51 0.00	28.92 -0.77 0.00	33.24 -1.24 0.00	41.92 -2.07 0.00	50.76 -3.65 0.00	51.08 -4.08 0.00	48.65 -3.66 0.00	47.39 -3.62 0.00	44.22 -3.18 0.00	41.54 -2.84 0.00	40.00 -3.06 0.00	39.56 -2.80 0.00	40.64 -2.64 0.00	45.45 -3.63 0.00	54.86 -4.19 0.00	64.14 -3.59 0.00	63.12 -2.97 0.00	49.93 -1.12 0.00	43.21 -0.13 0.00	37.41 -0.07 0.00	34.61 0.00 0.00
DUNKIRK___1 23563	32.08 -0.59 0.00	30.23 -0.46 0.00	29.69 -0.24 0.00	29.22 -0.51 0.00	28.92 -0.77 0.00	33.24 -1.24 0.00	41.92 -2.07 0.00	50.76 -3.65 0.00	51.08 -4.08 0.00	48.65 -3.66 0.00	47.39 -3.62 0.00	44.22 -3.18 0.00	41.54 -2.84 0.00	40.00 -3.06 0.00	39.56 -2.80 0.00	40.64 -2.64 0.00	45.45 -3.63 0.00	54.86 -4.19 0.00	64.14 -3.59 0.00	63.12 -2.97 0.00	49.93 -1.12 0.00	43.21 -0.13 0.00	37.41 -0.07 0.00	34.61 0.00 0.00
DUNKIRK___2 23564	32.08 -0.59 0.00	30.23 -0.46 0.00	29.69 -0.24 0.00	29.22 -0.51 0.00	28.92 -0.77 0.00	33.24 -1.24 0.00	41.92 -2.07 0.00	50.76 -3.65 0.00	51.08 -4.08 0.00	48.65 -3.66 0.00	47.39 -3.62 0.00	44.22 -3.18 0.00	41.54 -2.84 0.00	40.00 -3.06 0.00	39.56 -2.80 0.00	40.64 -2.64 0.00	45.45 -3.63 0.00	54.86 -4.19 0.00	64.14 -3.59 0.00	63.12 -2.97 0.00	49.93 -1.12 0.00	43.21 -0.13 0.00	37.41 -0.07 0.00	34.61 0.00 0.00
DUNKIRK___3 23565	31.98 -0.69 0.00	30.14 -0.55 0.00	29.63 -0.30 0.00	29.22 -0.51 0.00	28.95 -0.74 0.00	33.24 -1.24 0.00	41.92 -2.07 0.00	50.71 -3.70 0.00	51.08 -4.08 0.00	48.70 -3.61 0.00	47.39 -3.62 0.00	44.27 -3.13 0.00	41.54 -2.84 0.00	40.04 -3.01 0.00	39.60 -2.75 0.00	40.64 -2.64 0.00	45.40 -3.68 0.00	54.80 -4.25 0.00	63.94 -3.79 0.00	62.79 -3.30 0.00	49.68 -1.38 0.00	42.99 -0.35 0.00	37.19 -0.30 0.00	34.44 -0.17 0.00
DUNKIRK___4 23566	31.98 -0.69 0.00	30.14 -0.55 0.00	29.63 -0.30 0.00	29.22 -0.51 0.00	28.95 -0.74 0.00	33.24 -1.24 0.00	41.92 -2.07 0.00	50.71 -3.70 0.00	51.08 -4.08 0.00	48.70 -3.61 0.00	47.39 -3.62 0.00	44.27 -3.13 0.00	41.54 -2.84 0.00	40.04 -3.01 0.00	39.60 -2.75 0.00	40.64 -2.64 0.00	45.40 -3.68 0.00	54.80 -4.25 0.00	63.94 -3.79 0.00	62.79 -3.30 0.00	49.68 -1.38 0.00	42.99 -0.35 0.00	37.19 -0.30 0.00	34.44 -0.17 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	34.86 2.19 0.00	32.63 1.93 0.00	31.67 1.74 0.00	31.33 1.60 0.00	31.36 1.66 0.00	36.48 2.00 0.00	46.36 2.38 0.00	57.85 3.37 -0.08	58.42 3.14 -0.11	55.24 2.93 0.00	54.27 2.96 -0.29	50.21 2.84 0.03	47.12 2.75 0.00	45.85 2.80 0.00	45.11 2.75 0.00	46.09 2.81 0.00	52.27 3.19 0.00	62.95 3.90 0.00	72.47 4.74 0.00	70.90 4.49 -0.32	54.22 3.17 0.00	45.85 2.51 0.00	39.96 2.47 0.00	36.69 2.08 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	34.69 2.03 0.00	32.47 1.78 0.00	31.55 1.62 0.00	31.24 1.52 0.00	31.21 1.51 0.00	36.27 1.79 0.00	46.19 2.20 0.00	57.68 3.21 -0.06	58.18 2.92 -0.09	55.09 2.77 0.00	53.96 2.70 -0.24	49.97 2.56 -0.01	46.86 2.49 0.00	45.60 2.54 0.00	44.85 2.50 0.00	45.84 2.55 0.00	52.03 2.95 0.00	62.78 3.72 0.00	72.33 4.61 0.00	70.77 4.43 -0.26	54.12 3.06 0.00	45.76 2.43 0.00	39.77 2.29 0.00	36.55 1.94 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	35.19 2.52 -0.01	32.94 2.24 -0.01	31.94 2.01 -0.01	31.60 1.87 -0.01	31.63 1.93 -0.01	36.83 2.34 -0.01	46.85 2.86 0.00	58.08 3.59 -0.08	58.49 3.20 -0.12	55.30 2.98 0.00	54.38 3.06 -0.30	50.35 2.89 -0.07	47.32 2.93 -0.01	46.04 2.97 -0.01	45.32 2.96 -0.01	46.32 3.03 -0.01	52.43 3.34 -0.01	63.25 4.19 -0.01	72.81 5.08 -0.01	71.17 4.76 -0.33	54.33 3.27 -0.01	46.28 2.95 0.00	40.42 2.92 -0.01	37.08 2.46 -0.01

E179THST_13_KV_LOAD 356214	35.32 2.65 -0.01	33.06 2.36 -0.01	32.06 2.13 -0.01	31.72 1.99 -0.01	31.75 2.05 -0.01	36.94 2.45 -0.01	47.02 3.04 0.00	58.35 3.86 -0.08	58.71 3.42 -0.12	55.50 3.19 0.00	54.63 3.32 -0.30	50.59 3.13 -0.07	47.49 3.11 -0.01	46.26 3.19 -0.01	45.54 3.18 -0.01	46.49 3.20 -0.01	52.62 3.53 -0.01	63.55 4.49 -0.01	73.15 5.42 -0.01	71.50 5.09 -0.33	54.58 3.52 -0.01	46.46 3.12 0.00	40.57 3.07 -0.01	37.22 2.60 -0.01
EAST HAMPTON___GT 23717	34.23 1.57 0.00	31.77 1.07 0.00	30.83 0.90 0.00	30.49 0.77 0.00	30.59 0.89 0.00	35.69 1.21 0.00	43.19 -0.09 0.71	54.94 0.60 0.06	54.58 0.39 0.97	51.35 0.47 1.44	52.37 1.07 -0.28	46.93 0.76 1.22	45.12 0.84 0.09	43.73 0.69 0.01	43.75 1.40 0.00	44.58 1.30 0.00	50.40 1.33 0.01	60.82 1.77 0.00	70.44 2.71 0.00	68.72 2.31 -0.31	51.81 0.77 0.01	43.85 0.52 0.01	38.61 1.12 0.00	35.93 1.31 0.00
EAST RIVER___6 23660	35.12 2.45 0.00	32.84 2.15 0.00	31.88 1.94 0.00	31.51 1.78 0.00	31.54 1.84 0.00	36.72 2.24 0.00	46.76 2.77 0.00	58.41 3.92 -0.08	58.93 3.64 -0.12	55.82 3.51 0.00	54.88 3.57 -0.30	50.90 3.41 -0.10	47.72 3.33 -0.01	46.43 3.36 -0.01	45.75 3.39 0.00	46.67 3.38 0.00	52.87 3.78 -0.01	63.61 4.55 0.00	73.22 5.48 0.00	71.57 5.16 -0.32	54.74 3.68 -0.01	46.28 2.95 0.00	40.30 2.81 0.00	36.97 2.35 0.00
EAST RIVER___7 23524	35.12 2.45 0.00	32.84 2.15 0.00	31.88 1.94 0.00	31.51 1.78 0.00	31.54 1.84 0.00	36.72 2.24 0.00	46.76 2.77 0.00	58.41 3.92 -0.08	58.93 3.64 -0.12	55.82 3.51 0.00	54.88 3.57 -0.30	50.90 3.41 -0.10	47.72 3.33 -0.01	46.43 3.36 -0.01	45.75 3.39 0.00	46.67 3.38 0.00	52.87 3.78 -0.01	63.61 4.55 0.00	73.22 5.48 0.00	71.57 5.16 -0.32	54.74 3.68 -0.01	46.28 2.95 0.00	40.30 2.81 0.00	36.97 2.35 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	34.79 2.12 0.00	32.57 1.87 0.00	31.64 1.71 0.00	31.30 1.58 0.00	31.33 1.63 0.00	36.41 1.93 0.00	46.28 2.29 0.00	57.75 3.26 -0.08	58.26 2.98 -0.12	55.09 2.77 0.00	54.12 2.81 -0.30	50.15 2.70 -0.05	47.00 2.62 -0.01	45.73 2.67 0.00	45.03 2.67 0.00	45.97 2.68 0.00	52.13 3.04 0.00	62.84 3.78 0.00	72.27 4.54 0.00	70.77 4.36 -0.32	54.07 3.01 0.00	45.76 2.43 0.00	39.85 2.36 0.00	36.62 2.01 0.00
EAST_HAMPTON___DIESEL 23722	34.14 1.47 0.00	31.68 0.98 0.00	30.74 0.81 0.00	30.43 0.71 0.00	30.53 0.83 0.00	35.62 1.14 0.00	43.06 -0.22 0.71	54.78 0.43 0.06	54.47 0.28 0.97	51.25 0.37 1.44	52.22 0.92 -0.28	46.79 0.61 1.22	45.04 0.75 0.09	43.60 0.56 0.01	43.66 1.31 0.00	44.49 1.21 0.00	50.30 1.23 0.01	60.65 1.60 0.00	70.23 2.51 0.00	68.58 2.18 -0.31	51.66 0.61 0.01	43.72 0.39 0.01	38.50 1.01 0.00	35.86 1.24 0.00
EAST_POINT___SOLAR 323840	34.23 1.57 0.00	32.08 1.38 0.00	31.34 1.41 0.00	31.09 1.37 0.00	31.06 1.37 0.00	36.24 1.76 0.00	46.41 2.42 0.00	57.63 3.26 0.03	57.82 2.70 0.05	54.09 1.78 0.00	51.85 0.97 0.13	47.87 0.47 0.00	44.95 0.58 0.00	43.57 0.52 0.00	42.90 0.55 0.00	44.49 1.21 0.00	51.02 1.86 -0.07	62.96 2.95 -0.95	71.38 3.65 0.00	69.51 3.57 0.14	53.66 2.60 0.00	45.55 2.21 0.00	39.25 1.76 0.00	36.13 1.52 0.00
EAST_PULASKI___ESR 323781	32.83 -0.43 -0.59	30.91 -0.40 -0.62	30.05 -0.33 -0.45	29.77 -0.36 -0.40	29.70 -0.39 -0.39	34.74 -0.34 -0.61	44.16 -0.22 -0.39	55.07 -0.32 -0.99	56.83 -0.33 -1.99	54.58 -0.36 -2.63	53.36 -0.41 -2.76	48.74 -0.47 -1.82	45.15 -0.53 -1.30	43.37 -0.56 -0.87	42.68 -0.55 -0.88	43.21 -0.61 -0.53	48.65 -0.83 -0.40	58.05 -1.00 0.00	67.88 -0.88 -1.03	66.49 -0.66 -1.06	50.74 -0.41 -0.10	43.41 -0.09 -0.16	37.34 -0.22 -0.08	34.69 -0.31 -0.39
EAST_RIVER___1 323558	35.08 2.42 0.00	32.81 2.12 0.00	31.85 1.92 0.00	31.51 1.78 0.00	31.54 1.84 0.00	36.72 2.24 0.00	46.67 2.68 0.00	58.30 3.81 -0.08	58.87 3.58 -0.12	55.71 3.40 0.00	54.73 3.42 -0.30	50.76 3.27 -0.10	47.58 3.20 -0.01	46.25 3.19 -0.01	45.62 3.26 0.00	46.54 3.25 0.00	52.72 3.63 -0.01	63.55 4.49 0.00	73.15 5.42 0.00	71.50 5.09 -0.32	54.69 3.63 -0.01	46.24 2.90 0.00	40.26 2.77 0.00	36.93 2.32 0.00
EAST_RIVER___2 323559	35.12 2.45 0.00	32.84 2.15 0.00	31.88 1.94 0.00	31.51 1.78 0.00	31.54 1.84 0.00	36.72 2.24 0.00	46.76 2.77 0.00	58.41 3.92 -0.08	58.93 3.64 -0.12	55.82 3.51 0.00	54.88 3.57 -0.30	50.90 3.41 -0.10	47.72 3.33 -0.01	46.43 3.36 -0.01	45.75 3.39 0.00	46.67 3.38 0.00	52.87 3.78 -0.01	63.61 4.55 0.00	73.22 5.48 0.00	71.57 5.16 -0.32	54.74 3.68 -0.01	46.28 2.95 0.00	40.30 2.81 0.00	36.97 2.35 0.00
EAST___DELAWARE_HYD 23607	34.76 2.09 0.00	32.57 1.87 0.00	31.67 1.74 0.00	31.36 1.63 0.00	31.27 1.57 0.00	36.34 1.86 0.00	46.41 2.42 0.00	57.94 3.48 -0.05	58.49 3.25 -0.07	55.40 3.09 0.00	54.11 2.91 -0.19	50.10 2.70 -0.01	47.04 2.66 0.00	45.68 2.63 0.00	44.98 2.63 0.00	45.92 2.64 0.00	52.18 3.09 0.00	63.01 3.96 0.00	72.67 4.94 0.00	71.12 4.82 -0.20	54.42 3.37 0.00	46.07 2.73 0.00	39.92 2.44 0.00	36.65 2.04 0.00
EIGHT_POINT___WT_PWR 323820	31.98 -0.69 0.00	30.26 -0.43 0.00	29.75 -0.18 0.00	29.40 -0.33 0.00	29.04 -0.65 0.00	33.34 -1.14 0.00	42.10 -1.89 0.00	51.63 -2.77 0.00	52.02 -3.14 0.00	49.07 -3.24 0.00	47.44 -3.57 0.00	43.98 -3.41 0.00	41.14 -3.24 0.00	39.87 -3.19 0.00	39.35 -3.01 0.00	40.04 -3.25 0.00	45.50 -3.58 0.00	55.51 -3.54 0.00	65.22 -2.50 0.00	64.17 -1.92 0.00	50.14 -0.92 0.00	42.82 -0.52 0.00	37.04 -0.45 0.00	34.20 -0.41 0.00
ELBRIDGE_115KV_TB2 80188	32.47 -0.49 -0.29	30.54 -0.46 -0.31	29.80 -0.36 -0.22	29.54 -0.39 -0.20	29.47 -0.42 -0.19	34.34 -0.45 -0.30	43.65 -0.53 -0.19	54.30 -0.60 -0.49	55.48 -0.61 -0.92	52.95 -0.58 -1.21	51.72 -0.56 -1.27	47.71 -0.52 -0.84	44.49 -0.49 -0.60	42.98 -0.47 -0.40	42.25 -0.51 -0.40	42.96 -0.56 -0.24	48.53 -0.74 -0.19	58.17 -0.89 0.00	67.50 -0.75 -0.51	65.96 -0.66 -0.53	50.64 -0.46 -0.05	43.11 -0.30 -0.08	37.15 -0.37 -0.04	34.39 -0.42 -0.19
ELEC_TRO_TEK 24086	34.76 2.09 0.00	32.41 1.72 0.00	31.43 1.50 0.00	31.09 1.37 0.00	31.15 1.46 0.00	36.31 1.83 0.00	45.45 1.63 0.17	57.00 2.56 -0.04	57.34 2.32 0.14	54.13 2.14 0.33	53.75 2.45 -0.29	49.40 2.27 0.27	46.70 2.35 0.02	45.59 2.54 0.01	44.89 2.54 0.00	45.87 2.60 0.00	51.88 2.80 0.01	62.65 3.60 0.00	72.33 4.61 0.00	70.64 4.23 -0.32	53.55 2.50 0.01	45.24 1.91 0.01	39.81 2.32 0.00	36.55 1.94 0.00
ELLENBURG_WT_PWR 323604	32.34 -0.33 0.00	30.42 -0.28 0.00	29.60 -0.33 0.00	29.42 -0.30 0.00	29.46 -0.24 0.00	34.10 -0.38 0.00	43.51 -0.48 0.00	53.70 -0.71 0.00	54.72 -0.44 0.00	51.95 -0.36 0.00	50.81 -0.20 0.00	47.30 -0.09 0.00	44.20 -0.18 0.00	42.97 -0.09 0.00	42.14 -0.21 0.00	43.24 -0.04 0.00	49.13 0.05 0.00	59.06 0.00 0.00	67.26 -0.47 0.00	65.70 -0.39 0.00	50.54 -0.51 0.00	42.73 -0.61 0.00	36.96 -0.52 0.00	34.23 -0.38 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	31.88 -0.78 0.00	30.08 -0.61 0.00	29.57 -0.36 0.00	29.25 -0.48 0.00	28.95 -0.74 0.00	33.31 -1.17 0.00	41.88 -2.11 0.00	50.49 -3.92 0.00	50.97 -4.19 0.00	48.76 -3.56 0.00	47.49 -3.52 0.00	44.36 -3.03 0.00	41.62 -2.75 0.00	40.13 -2.93 0.00	39.69 -2.67 0.00	40.69 -2.60 0.00	45.31 -3.78 0.00	54.45 -4.61 0.00	63.33 -4.40 0.00	61.99 -4.10 0.00	49.17 -1.89 0.00	42.69 -0.65 0.00	36.89 -0.60 0.00	34.23 -0.38 0.00
EMPIRE_CC_1 323656	33.65 0.98 0.00	31.58 0.89 0.00	30.65 0.72 0.00	30.47 0.74 0.00	30.44 0.74 0.00	35.44 0.96 0.00	44.91 0.93 0.00	55.23 0.92 0.10	55.74 0.72 0.14	53.05 0.73 0.00	51.30 0.66 0.37	48.00 0.61 0.00	45.04 0.67 0.00	43.74 0.69 0.00	43.12 0.76 0.00	44.06 0.78 0.00	49.35 0.98 0.72	50.80 1.18 9.43	68.95 1.22 0.00	66.74 1.05 0.40	51.82 0.77 0.00	44.03 0.69 0.00	38.20 0.71 0.00	35.48 0.87 0.00
EMPIRE_CC_2 323658	33.65 0.98 0.00	31.58 0.89 0.00	30.65 0.72 0.00	30.47 0.74 0.00	30.44 0.74 0.00	35.44 0.96 0.00	44.91 0.93 0.00	55.23 0.92 0.10	55.74 0.72 0.14	53.05 0.73 0.00	51.30 0.66 0.37	48.00 0.61 0.00	45.04 0.67 0.00	43.74 0.69 0.00	43.12 0.76 0.00	44.06 0.78 0.00	49.35 0.98 0.72	50.80 1.18 9.43	68.95 1.22 0.00	66.74 1.05 0.40	51.82 0.77 0.00	44.03 0.69 0.00	38.20 0.71 0.00	35.48 0.87 0.00
ENORWICH_115KV_TB1 80156	33.52 0.85 0.00	31.52 0.83 0.00	30.92 0.99 0.00	30.82 1.10 0.00	30.70 1.01 0.00	35.93 1.45 0.00	46.76 2.77 0.00	58.05 3.65 0.00	58.75 3.59 0.00	55.19 2.88 0.00	53.46 2.45 0.00	49.39 1.99 0.00	46.15 1.78 0.00	44.43 1.38 0.00	43.67 1.31 0.00	44.49 1.21 0.00	50.61 1.52 0.00	61.48 2.42 0.00	71.11 3.39 0.00	69.99 3.90 0.00	54.12 3.06 0.00	45.55 2.21 0.00	39.17 1.69 0.00	36.00 1.38 0.00
ERIE_ST__34_KV_TB1-2 80199	31.78 -0.88 0.00	29.96 -0.74 0.00	29.48 -0.45 0.00	29.22 -0.51 0.00	28.92 -0.77 0.00	33.20 -1.28 0.00	41.92 -2.07 0.00	50.65 -3.75 0.00	51.08 -4.08 0.00	48.76 -3.56 0.00	47.49 -3.52 0.00	44.31 -3.08 0.00	41.58 -2.80 0.00	40.04 -3.01 0.00	39.60 -2.75 0.00	40.69 -2.60 0.00	45.35 -3.73 0.00	54.63 -4.43 0.00	63.60 -4.13 0.00	62.46 -3.63 0.00	49.32 -1.74 0.00	42.69 -0.65 0.00	36.92 -0.56 0.00	34.20 -0.42 0.00
ERIE_WT_PWR 323693	31.92 -0.75 0.00	30.17 -0.52 0.00	29.66 -0.27 0.00	29.28 -0.45 0.00	29.01 -0.68 0.00	33.34 -1.14 0.00	41.92 -2.07 0.00	50.60 -3.81 0.00	51.14 -4.02 0.00	48.81 -3.50 0.00	47.54 -3.47 0.00	44.41 -2.98 0.00	41.67 -2.71 0.00	40.21 -2.84 0.00	39.77 -2.59 0.00	40.77 -2.51 0.00	45.40 -3.68 0.00	54.57 -4.49 0.00	63.53 -4.20 0.00	62.26 -3.83 0.00	49.37 -1.68 0.00	42.82 -0.52 0.00	37.00 -0.49 0.00	34.37 -0.24 0.00
ESPRGFLD_115KV_TB1 80157	33.55 0.88 0.00	31.46 0.77 0.00	30.77 0.84 0.00	30.49 0.77 0.00	30.44 0.74 0.00	35.45 0.97 0.00	45.53 1.54 0.00	56.51 2.12 0.02	57.01 1.88 0.03	53.67 1.36 0.00	52.06 1.12 0.07	48.25 0.85 0.00	45.22 0.84 0.00	43.79 0.73 0.00	43.07 0.72 0.00	44.19 0.91 0.00	50.26 1.18 0.00	60.83 1.77 0.00	70.03 2.30 0.00	68.46 2.45 0.08	52.89 1.84 0.00	44.81 1.47 0.00	38.65 1.16 0.00	35.55 0.93 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	32.90 0.23 0.00	30.91 0.21 0.00	30.26 0.33 0.00	30.05 0.33 0.00	29.96 0.27 0.00	34.86 0.38 0.00	44.65 0.66 0.00	55.28 0.87 0.00	55.94 0.77 0.00	52.89 0.58 0.00	51.42 0.41 0.00	47.72 0.33 0.00	44.69 0.31 0.00	43.31 0.26 0.00	42.61 0.25 0.00	43.50 0.22 0.00	49.33 0.25 0.00	59.47 0.41 0.00	68.68 0.95 0.00	67.21 1.12 0.00	52.02 0.97 0.00	44.16 0.82 0.00	38.05 0.56 0.00	35.03 0.42 0.00
ETNA____115KV_TB2 80207	32.90 0.23 0.00	30.91 0.21 0.00	30.26 0.33 0.00	30.05 0.33 0.00	29.96 0.27 0.00	34.86 0.38 0.00	44.65 0.66 0.00	55.28 0.87 0.00	55.94 0.77 0.00	52.89 0.58 0.00	51.42 0.41 0.00	47.72 0.33 0.00	44.69 0.31 0.00	43.31 0.26 0.00	42.61 0.25 0.00	43.50 0.22 0.00	49.33 0.25 0.00	59.47 0.41 0.00	68.68 0.95 0.00	67.21 1.12 0.00	52.02 0.97 0.00	44.16 0.82 0.00	38.05 0.56 0.00	35.03 0.42 0.00
EUCLID__115KV_TB2 356179	32.22 -0.59 -0.14	30.29 -0.55 -0.14	29.53 -0.51 -0.11	29.31 -0.51 -0.09	29.25 -0.53 -0.09	34.04 -0.59 -0.14	43.38 -0.70 -0.09	53.77 -0.87 -0.23	54.62 -0.88 -0.33	51.97 -0.78 -0.44	50.71 -0.77 -0.46	46.99 -0.71 -0.30	43.97 -0.62 -0.22	42.56 -0.65 -0.15	41.87 -0.64 -0.15	42.68 -0.69 -0.09	48.27 -0.88 -0.07	57.93 -1.12 0.00	66.89 -1.08 -0.24	65.28 -1.06 -0.25	50.36 -0.71 -0.02	42.85 -0.52 -0.04	36.94 -0.56 -0.02	34.15 -0.55 -0.09
E_CANADA_CAP_HY 24051	33.74 1.08 0.00	31.61 0.92 0.00	30.89 0.96 0.00	30.61 0.89 0.00	30.59 0.89 0.00	35.65 1.17 0.00	45.70 1.71 0.00	56.77 2.39 0.03	57.00 1.88 0.04	53.52 1.20 0.00	51.61 0.71 0.12	47.77 0.38 0.00	44.77 0.40 0.00	43.40 0.34 0.00	42.73 0.38 0.00	44.02 0.74 0.00	50.23 1.08 -0.07	61.81 1.89 -0.86	70.16 2.43 0.00	68.34 2.38 0.13	52.79 1.74 0.00	44.89 1.56 0.00	38.69 1.20 0.00	35.62 1.00 0.00
E_CANADA_MHWK_HY 24050	33.26 0.59 0.00	31.25 0.55 0.00	30.50 0.57 0.00	30.29 0.56 0.00	30.29 0.59 0.00	35.24 0.76 0.00	45.27 1.28 0.00	56.09 1.69 0.00	56.93 1.76 0.00	53.99 1.67 0.00	52.75 1.74 0.00	48.77 1.38 0.00	45.57 1.20 0.00	44.05 0.99 0.00	43.25 0.89 0.00	44.06 0.78 0.00	49.97 0.88 0.00	60.06 1.00 0.00	68.95 1.22 0.00	67.48 1.39 0.00	52.13 1.07 0.00	44.29 0.95 0.00	38.31 0.82 0.00	35.37 0.76 0.00
E_FISHKILL__LBMP 23776	34.46 1.80 0.00	32.29 1.60 0.00	31.37 1.44 0.00	31.06 1.34 0.00	31.06 1.37 0.00	36.10 1.62 0.00	45.88 1.89 0.00	57.10 2.61 -0.08	57.65 2.37 -0.11	54.56 2.25 0.00	53.56 2.24 -0.30	49.50 2.13 0.02	46.50 2.13 0.00	45.21 2.15 0.00	44.51 2.16 0.00	45.49 2.21 0.00	51.59 2.50 0.00	62.13 3.07 0.00	71.38 3.66 0.00	69.92 3.50 -0.33	53.50 2.45 0.00	45.29 1.95 0.00	39.44 1.95 0.00	36.31 1.70 0.00
FALCON__SEABRD_CC1 323796	32.31 -0.36 0.00	30.36 -0.34 0.00	29.48 -0.45 0.00	29.37 -0.36 0.00	29.40 -0.30 0.00	34.00 -0.48 0.00	42.98 -1.01 0.00	52.88 -1.52 0.00	54.23 -0.94 0.00	51.58 -0.73 0.00	50.50 -0.51 0.00	47.20 -0.19 0.00	44.07 -0.31 0.00	42.84 -0.21 0.00	41.93 -0.42 0.00	43.07 -0.22 0.00	48.94 -0.15 0.00	58.76 -0.29 0.00	66.71 -1.01 0.00	65.23 -0.86 0.00	49.98 -1.07 0.00	42.17 -1.17 0.00	36.70 -0.79 0.00	33.99 -0.62 0.00
FALCON__SEABRD_CC2 323797	32.31 -0.36 0.00	30.36 -0.34 0.00	29.48 -0.45 0.00	29.37 -0.36 0.00	29.40 -0.30 0.00	34.00 -0.48 0.00	42.98 -1.01 0.00	52.88 -1.52 0.00	54.23 -0.94 0.00	51.58 -0.73 0.00	50.50 -0.51 0.00	47.20 -0.19 0.00	44.07 -0.31 0.00	42.84 -0.21 0.00	41.93 -0.42 0.00	43.07 -0.22 0.00	48.94 -0.15 0.00	58.76 -0.29 0.00	66.71 -1.01 0.00	65.23 -0.86 0.00	49.98 -1.07 0.00	42.17 -1.17 0.00	36.70 -0.79 0.00	33.99 -0.62 0.00

FAR ROCKAWAY___4 23548	35.15 2.48 0.00	32.75 2.06 0.00	31.76 1.83 0.00	31.42 1.69 0.00	31.48 1.78 0.00	36.69 2.21 0.00	45.98 2.07 0.08	57.62 3.16 -0.06	58.09 2.92 0.00	54.89 2.72 0.15	54.42 3.11 -0.29	50.19 2.89 0.10	47.25 2.88 0.01	46.15 3.10 0.01	45.44 3.09 0.00	46.39 3.12 0.00	52.47 3.39 0.01	63.48 4.43 0.00	73.34 5.62 0.00	71.56 5.16 -0.32	54.21 3.17 0.01	45.80 2.47 0.01	40.26 2.77 0.00	36.93 2.32 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	35.12 2.45 0.00	32.84 2.15 0.00	31.85 1.92 0.00	31.51 1.78 0.00	31.51 1.81 0.00	36.72 2.24 0.00	46.67 2.68 0.00	58.30 3.81 -0.08	58.87 3.59 -0.12	55.66 3.35 0.00	54.73 3.42 -0.30	50.71 3.22 -0.10	47.54 3.15 -0.01	46.25 3.19 -0.01	45.54 3.18 0.00	46.49 3.20 0.00	52.72 3.63 -0.01	63.55 4.49 0.00	73.15 5.42 0.00	71.50 5.09 -0.32	54.63 3.57 -0.01	46.20 2.86 0.00	40.26 2.77 0.00	36.93 2.32 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	35.12 2.45 0.00	32.84 2.15 0.00	31.88 1.95 0.00	31.51 1.78 0.00	31.54 1.84 0.00	36.72 2.24 0.00	46.67 2.68 0.00	58.30 3.81 -0.08	58.87 3.59 -0.12	55.66 3.35 0.00	54.73 3.42 -0.30	50.71 3.22 -0.10	47.54 3.15 -0.01	46.25 3.19 -0.01	45.54 3.18 0.00	46.49 3.20 0.00	52.72 3.63 -0.01	63.55 4.49 0.00	73.15 5.42 0.00	71.50 5.09 -0.32	54.63 3.57 -0.01	46.24 2.90 0.00	40.26 2.77 0.00	36.93 2.32 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	35.08 2.42 0.00	32.81 2.12 0.00	31.85 1.92 0.00	31.48 1.75 0.00	31.51 1.81 0.00	36.69 2.21 0.00	46.67 2.68 0.00	58.30 3.81 -0.08	58.87 3.59 -0.12	55.66 3.35 0.00	54.68 3.37 -0.30	50.71 3.22 -0.10	47.54 3.15 -0.01	46.25 3.19 -0.01	45.54 3.18 0.00	46.49 3.20 0.00	52.67 3.58 -0.01	63.49 4.43 0.00	73.08 5.35 0.00	71.50 5.09 -0.32	54.63 3.57 -0.01	46.20 2.86 0.00	40.22 2.74 0.00	36.93 2.32 0.00
FARRAGUT___LBMP 323566	35.08 2.42 0.00	32.81 2.12 0.00	31.82 1.89 0.00	31.48 1.75 0.00	31.51 1.81 0.00	36.69 2.21 0.00	46.63 2.64 0.00	58.24 3.75 -0.08	58.82 3.53 -0.12	55.61 3.30 0.00	54.63 3.32 -0.30	50.67 3.18 -0.10	47.49 3.11 -0.01	46.21 3.14 -0.01	45.49 3.13 0.00	46.45 3.16 0.00	52.62 3.53 -0.01	63.43 4.37 0.00	73.02 5.28 0.00	71.44 5.02 -0.32	54.58 3.52 -0.01	46.15 2.82 0.00	40.22 2.74 0.00	36.90 2.28 0.00
FENNER___WINDPWR 24204	32.99 0.33 0.00	31.00 0.31 0.00	30.29 0.36 0.00	30.08 0.36 0.00	29.99 0.30 0.00	34.93 0.45 0.00	44.87 0.88 0.00	55.66 1.25 0.00	56.43 1.27 0.00	53.41 1.10 0.00	52.03 1.02 0.00	48.25 0.85 0.00	45.13 0.75 0.00	43.70 0.65 0.00	42.99 0.64 0.00	43.84 0.56 0.00	49.72 0.64 0.00	59.88 0.83 0.00	68.88 1.15 0.00	67.41 1.32 0.00	52.13 1.07 0.00	44.20 0.87 0.00	38.08 0.60 0.00	35.10 0.48 0.00
FIBERTEK___ENERGY 23856	32.63 -0.33 -0.29	30.66 -0.34 -0.30	29.91 -0.24 -0.22	29.68 -0.24 -0.20	29.59 -0.30 -0.19	34.50 -0.28 -0.30	43.91 -0.26 -0.19	54.67 -0.22 -0.48	55.84 -0.22 -0.90	53.34 -0.16 -1.19	52.11 -0.15 -1.24	48.02 -0.19 -0.82	44.79 -0.18 -0.59	43.28 -0.17 -0.39	42.54 -0.21 -0.40	43.22 -0.30 -0.24	48.87 -0.39 -0.18	58.52 -0.53 0.00	67.89 -0.34 -0.50	66.28 -0.33 -0.52	50.95 -0.15 -0.05	43.33 -0.09 -0.08	37.34 -0.19 -0.04	34.53 -0.28 -0.19
FITZPATRICK___ 23598	29.00 -1.05 2.62	26.95 -0.98 2.76	27.00 -0.93 2.01	27.01 -0.92 1.79	27.01 -0.95 1.73	30.70 -1.07 2.71	40.90 -1.36 1.72	48.30 -1.69 4.42	45.20 -1.71 8.25	39.80 -1.62 10.89	38.00 -1.58 11.43	38.40 -1.47 7.52	37.60 -1.38 5.40	38.10 -1.34 3.62	37.40 -1.31 3.64	39.70 -1.39 2.20	45.80 -1.62 1.67	57.11 -1.95 0.00	60.95 -2.17 4.60	59.30 -2.05 4.74	49.10 -1.53 0.42	41.40 -1.21 0.72	36.00 -1.12 0.36	31.80 -1.07 1.74
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	34.76 2.09 0.00	32.57 1.87 0.00	31.64 1.71 0.00	31.33 1.60 0.00	31.27 1.57 0.00	36.38 1.90 0.00	46.32 2.33 0.00	57.73 3.26 -0.06	58.29 3.03 -0.09	55.30 2.98 0.00	54.17 2.91 -0.24	50.09 2.70 0.00	47.04 2.66 0.00	45.73 2.67 0.00	44.98 2.63 0.00	45.97 2.68 0.00	52.13 3.04 0.00	62.90 3.84 0.00	72.40 4.67 0.00	70.85 4.49 -0.26	54.17 3.11 0.00	45.85 2.51 0.00	39.81 2.32 0.00	36.62 2.01 0.00
FORT ORANGE___ 23900	33.45 0.78 0.00	31.43 0.74 0.00	30.53 0.60 0.00	30.35 0.63 0.00	30.20 0.50 0.00	35.07 0.59 0.00	44.38 0.40 0.00	54.79 0.43 0.05	55.37 0.28 0.07	52.58 0.26 0.00	51.08 0.26 0.19	47.58 0.19 0.00	44.64 0.27 0.00	43.36 0.30 0.00	42.73 0.38 0.00	43.63 0.34 0.00	49.28 0.74 0.54	52.83 0.94 7.16	68.68 0.95 0.00	66.83 0.92 0.19	51.62 0.56 0.00	43.81 0.48 0.00	38.12 0.64 0.00	35.24 0.62 0.00
FORT_DRUM_COGEN 23780	33.33 0.39 -0.28	31.35 0.37 -0.29	30.56 0.42 -0.21	30.33 0.42 -0.19	30.20 0.33 -0.18	35.49 0.72 -0.28	45.93 1.76 -0.18	57.26 2.39 -0.46	58.56 2.48 -0.91	55.56 2.04 -1.20	54.16 1.89 -1.26	49.65 1.42 -0.83	45.95 0.98 -0.60	44.19 0.73 -0.40	43.43 0.68 -0.40	44.26 0.74 -0.24	50.05 0.79 -0.18	60.12 1.06 0.00	69.84 1.63 -0.48	68.84 2.25 -0.50	52.78 1.68 -0.04	44.89 1.47 -0.08	38.50 0.97 -0.04	35.56 0.76 -0.18
FOX_HILLS___ESR 323835	35.42 2.74 -0.01	33.16 2.46 -0.01	32.18 2.24 -0.01	31.84 2.11 -0.01	31.87 2.17 -0.01	37.07 2.59 -0.01	46.76 2.77 0.00	58.08 3.59 -0.08	58.38 3.09 -0.12	55.19 2.88 0.00	54.27 2.96 -0.30	50.20 2.70 -0.11	47.23 2.84 -0.01	46.04 2.97 -0.01	45.28 2.92 -0.01	46.27 2.99 -0.01	52.43 3.34 -0.01	63.25 4.19 -0.01	72.81 5.08 -0.01	71.17 4.76 -0.33	54.33 3.27 -0.01	46.20 2.86 0.00	40.53 3.04 -0.01	37.32 2.70 -0.01
FPL_FAR_ROCK_GT1 24212	35.15 2.48 0.00	32.75 2.06 0.00	31.76 1.83 0.00	31.42 1.69 0.00	31.48 1.78 0.00	36.69 2.21 0.00	45.98 2.07 0.08	57.56 3.10 -0.06	58.03 2.87 0.00	54.88 2.72 0.15	54.42 3.11 -0.29	50.19 2.89 0.10	47.25 2.88 0.01	45.68 2.63 0.01	45.53 3.18 0.00	46.40 3.12 0.00	52.46 3.38 0.01	63.48 4.43 0.00	73.34 5.62 0.00	71.56 5.16 -0.31	54.22 3.17 0.01	45.84 2.51 0.01	40.19 2.70 0.00	36.93 2.32 0.00
FPL_FAR_ROCK_GT2 23815	35.15 2.48 0.00	32.75 2.06 0.00	31.76 1.83 0.00	31.42 1.69 0.00	31.48 1.78 0.00	36.69 2.21 0.00	45.98 2.07 0.08	57.56 3.10 -0.06	58.03 2.87 0.00	54.88 2.72 0.15	54.42 3.11 -0.29	50.19 2.89 0.10	47.25 2.88 0.01	45.68 2.63 0.01	45.53 3.18 0.00	46.40 3.12 0.00	52.46 3.38 0.01	63.48 4.43 0.00	73.34 5.62 0.00	71.56 5.16 -0.31	54.22 3.17 0.01	45.84 2.51 0.01	40.19 2.70 0.00	36.93 2.32 0.00
FRANKLIN_FALL_HYD 24054	32.96 0.29 0.00	31.00 0.31 0.00	30.17 0.24 0.00	30.08 0.36 0.00	30.08 0.39 0.00	34.79 0.31 0.00	44.74 0.75 0.00	55.17 0.76 0.00	56.38 1.21 0.00	53.36 1.05 0.00	52.14 1.12 0.00	48.58 1.18 0.00	45.26 0.89 0.00	43.96 0.90 0.00	43.12 0.76 0.00	44.19 0.91 0.00	50.21 1.13 0.00	60.36 1.30 0.00	68.61 0.88 0.00	67.28 1.19 0.00	51.72 0.66 0.00	43.86 0.52 0.00	37.79 0.30 0.00	35.06 0.45 0.00

FREEPORT_EQUS_GT1 23764	34.95 2.29 0.00	32.53 1.84 0.00	31.58 1.65 0.00	31.24 1.51 0.00	31.30 1.60 0.00	36.44 1.96 0.00	45.28 1.67 0.38	57.02 2.61 0.00	57.07 2.37 0.46	53.70 2.15 0.76	53.90 2.60 -0.29	49.11 2.37 0.65	46.72 2.39 0.05	45.24 2.19 0.01	45.06 2.71 0.00	46.01 2.73 0.00	52.02 2.94 0.01	62.89 3.84 0.00	72.66 4.94 0.00	70.96 4.56 -0.31	53.75 2.70 0.01	45.45 2.12 0.01	39.96 2.47 0.00	36.69 2.08 0.00
FREEPORT___CT2 23818	34.95 2.29 0.00	32.53 1.84 0.00	31.58 1.65 0.00	31.24 1.51 0.00	31.30 1.60 0.00	36.44 1.96 0.00	45.28 1.67 0.38	57.02 2.61 0.00	57.07 2.37 0.46	53.70 2.15 0.76	53.90 2.60 -0.29	49.11 2.37 0.65	46.72 2.39 0.05	45.24 2.19 0.01	45.06 2.71 0.00	46.01 2.73 0.00	52.02 2.94 0.01	62.89 3.84 0.00	72.66 4.94 0.00	70.96 4.56 -0.31	53.75 2.70 0.01	45.45 2.12 0.01	39.96 2.47 0.00	36.69 2.08 0.00
FRESHKLS_33_KV_LOAD 356253	35.55 2.87 -0.01	33.28 2.58 -0.01	32.33 2.39 -0.01	31.99 2.26 -0.01	32.02 2.32 -0.01	37.25 2.76 -0.01	46.85 2.86 0.00	58.19 3.70 -0.08	58.43 3.14 -0.12	55.24 2.93 0.00	54.32 3.01 -0.30	50.15 2.65 -0.11	47.23 2.84 -0.01	46.04 2.97 -0.01	45.32 2.96 -0.01	46.32 3.03 -0.01	52.48 3.39 -0.01	63.37 4.31 -0.01	72.95 5.22 -0.01	71.31 4.89 -0.33	54.43 3.37 -0.01	46.24 2.90 0.00	40.64 3.15 -0.01	37.46 2.84 -0.01
FULTON COGEN____ 23766	32.68 -0.69 -0.70	30.79 -0.64 -0.74	29.90 -0.57 -0.54	29.64 -0.56 -0.48	29.57 -0.59 -0.46	34.55 -0.66 -0.73	43.70 -0.75 -0.46	54.67 -0.92 -1.18	55.54 0.06 -0.32	52.84 0.10 -0.42	51.56 0.10 -0.44	47.73 0.05 -0.29	44.63 0.04 -0.21	43.24 0.04 -0.14	42.49 0.00 -0.14	43.32 -0.04 -0.08	49.00 -0.15 -0.06	57.82 -1.24 0.00	67.74 -1.22 -1.23	66.17 -1.19 -1.27	50.35 -0.82 -0.11	42.97 -0.56 -0.19	36.98 -0.60 -0.10	34.46 -0.62 -0.47
FULTON___LFGE 323630	34.14 1.47 0.00	31.98 1.29 0.00	31.25 1.32 0.00	30.97 1.25 0.00	30.94 1.25 0.00	36.07 1.59 0.00	46.14 2.15 0.00	57.31 2.94 0.04	57.54 2.42 0.05	54.04 1.72 0.00	52.10 1.22 0.13	48.15 0.76 0.00	45.13 0.75 0.00	43.74 0.69 0.00	43.12 0.76 0.00	44.41 1.12 0.00	50.83 1.67 -0.07	62.68 2.66 -0.97	70.98 3.25 0.00	69.05 3.11 0.15	53.35 2.30 0.00	45.33 1.99 0.00	39.06 1.57 0.00	36.00 1.39 0.00
G.F.CEMENT___DRP 24184	34.20 1.54 0.00	32.10 1.41 0.00	31.28 1.35 0.00	31.03 1.31 0.00	31.00 1.31 0.00	35.96 1.48 0.00	45.84 1.85 0.00	56.85 2.50 0.06	57.40 2.32 0.08	54.51 2.20 0.00	52.84 2.04 0.22	49.05 1.66 0.00	45.84 1.46 0.00	44.48 1.42 0.00	43.79 1.44 0.00	44.80 1.51 0.00	51.47 1.96 -0.42	67.15 2.60 -5.49	70.71 2.98 0.00	68.63 2.78 0.24	53.05 1.99 0.00	44.98 1.65 0.00	38.91 1.42 0.00	35.93 1.32 0.00
GARDENVILLE___LBMP 24039	31.82 -0.85 0.00	30.02 -0.68 0.00	29.54 -0.39 0.00	29.22 -0.51 0.00	28.95 -0.74 0.00	33.20 -1.28 0.00	41.79 -2.20 0.00	50.43 -3.97 0.00	50.92 -4.25 0.00	48.70 -3.61 0.00	47.44 -3.57 0.00	44.27 -3.13 0.00	41.58 -2.80 0.00	40.00 -3.06 0.00	39.60 -2.75 0.00	40.64 -2.64 0.00	45.26 -3.83 0.00	54.45 -4.61 0.00	63.33 -4.40 0.00	62.06 -4.03 0.00	49.22 -1.84 0.00	42.69 -0.65 0.00	36.89 -0.60 0.00	34.23 -0.38 0.00
GARDNVLA_35_KV_LD 355827	32.01 -0.65 0.00	30.17 -0.52 0.00	29.69 -0.24 0.00	29.37 -0.36 0.00	29.07 -0.62 0.00	33.41 -1.07 0.00	42.10 -1.89 0.00	50.76 -3.65 0.00	51.25 -3.92 0.00	49.02 -3.30 0.00	47.75 -3.26 0.00	44.60 -2.80 0.00	41.85 -2.53 0.00	40.30 -2.76 0.00	39.86 -2.50 0.00	40.90 -2.38 0.00	45.55 -3.53 0.00	54.80 -4.25 0.00	63.73 -4.00 0.00	62.46 -3.63 0.00	49.52 -1.53 0.00	42.99 -0.35 0.00	37.11 -0.37 0.00	34.44 -0.17 0.00
GELCKHM___115KV_LOAD 80723	32.38 -0.49 -0.20	30.45 -0.46 -0.21	29.70 -0.39 -0.15	29.44 -0.42 -0.14	29.38 -0.45 -0.13	34.21 -0.48 -0.21	43.59 -0.53 -0.13	54.15 -0.60 -0.34	55.13 -0.61 -0.57	52.54 -0.52 -0.75	51.29 -0.51 -0.79	47.44 -0.47 -0.52	44.30 -0.44 -0.37	42.83 -0.47 -0.25	42.14 -0.47 -0.25	42.91 -0.52 -0.15	48.51 -0.69 -0.11	58.17 -0.89 0.00	67.27 -0.81 -0.36	65.66 -0.79 -0.37	50.58 -0.51 -0.03	43.05 -0.35 -0.06	37.10 -0.41 -0.03	34.30 -0.45 -0.13
GENERAL___MILLS 23808	31.92 -0.75 0.00	30.11 -0.58 0.00	29.60 -0.33 0.00	29.31 -0.42 0.00	29.01 -0.68 0.00	33.34 -1.14 0.00	41.92 -2.07 0.00	50.60 -3.81 0.00	51.08 -4.08 0.00	48.86 -3.45 0.00	47.60 -3.42 0.00	44.41 -2.99 0.00	41.71 -2.66 0.00	40.13 -2.93 0.00	39.73 -2.63 0.00	40.77 -2.51 0.00	45.40 -3.68 0.00	54.57 -4.49 0.00	63.53 -4.20 0.00	62.26 -3.83 0.00	49.37 -1.68 0.00	42.82 -0.52 0.00	37.00 -0.49 0.00	34.34 -0.28 0.00
GE_PLASTICS___DRP 24183	33.39 0.72 0.00	31.37 0.68 0.00	30.50 0.57 0.00	30.29 0.56 0.00	30.29 0.59 0.00	35.17 0.69 0.00	44.60 0.62 0.00	55.13 0.76 0.03	55.72 0.61 0.05	52.89 0.58 0.00	51.45 0.56 0.12	47.87 0.47 0.00	44.86 0.49 0.00	43.57 0.52 0.00	42.90 0.55 0.00	43.85 0.56 0.00	49.44 0.74 0.38	54.88 0.89 5.06	68.61 0.88 0.00	66.81 0.86 0.13	51.62 0.56 0.00	43.81 0.48 0.00	38.09 0.60 0.00	35.20 0.59 0.00
GILBOA___1 23756	33.61 0.95 0.00	31.52 0.83 0.00	30.80 0.87 0.00	30.55 0.83 0.00	30.53 0.83 0.00	35.34 0.86 0.00	44.96 0.97 0.00	55.72 1.30 -0.02	56.29 1.10 -0.02	53.36 1.05 0.00	52.09 1.02 -0.06	48.34 0.95 0.00	45.35 0.98 0.00	44.05 0.99 0.00	43.37 1.01 0.00	44.28 1.00 0.00	50.26 1.18 0.00	60.42 1.36 0.00	69.15 1.42 0.00	67.55 1.39 -0.07	52.28 1.22 0.00	44.37 1.04 0.00	38.46 0.97 0.00	35.48 0.87 0.00
GILBOA___2 23757	33.61 0.95 0.00	31.52 0.83 0.00	30.80 0.87 0.00	30.55 0.83 0.00	30.53 0.83 0.00	35.34 0.86 0.00	44.96 0.97 0.00	55.72 1.30 -0.02	56.29 1.10 -0.02	53.36 1.05 0.00	52.09 1.02 -0.06	48.34 0.95 0.00	45.35 0.98 0.00	44.05 0.99 0.00	43.37 1.01 0.00	44.28 1.00 0.00	50.26 1.18 0.00	60.42 1.36 0.00	69.15 1.42 0.00	67.55 1.39 -0.07	52.28 1.22 0.00	44.37 1.04 0.00	38.46 0.97 0.00	35.48 0.87 0.00
GILBOA___3 23758	33.61 0.95 0.00	31.52 0.83 0.00	30.80 0.87 0.00	30.55 0.83 0.00	30.53 0.83 0.00	35.34 0.86 0.00	44.96 0.97 0.00	55.72 1.30 -0.02	56.29 1.10 -0.02	53.36 1.05 0.00	52.09 1.02 -0.06	48.34 0.95 0.00	45.35 0.98 0.00	44.05 0.99 0.00	43.37 1.01 0.00	44.28 1.00 0.00	50.26 1.18 0.00	60.42 1.36 0.00	69.15 1.42 0.00	67.55 1.39 -0.07	52.28 1.22 0.00	44.37 1.04 0.00	38.46 0.97 0.00	35.48 0.87 0.00
GILBOA___4 23759	33.61 0.95 0.00	31.52 0.83 0.00	30.80 0.87 0.00	30.55 0.83 0.00	30.53 0.83 0.00	35.34 0.86 0.00	44.96 0.97 0.00	55.72 1.30 -0.02	56.29 1.10 -0.02	53.36 1.05 0.00	52.09 1.02 -0.06	48.34 0.95 0.00	45.35 0.98 0.00	44.05 0.99 0.00	43.37 1.01 0.00	44.28 1.00 0.00	50.26 1.18 0.00	60.42 1.36 0.00	69.15 1.42 0.00	67.55 1.39 -0.07	52.28 1.22 0.00	44.37 1.04 0.00	38.46 0.97 0.00	35.48 0.87 0.00

GILBOA____ 23599	33.61 0.95 0.00	31.55 0.86 0.00	30.80 0.87 0.00	30.55 0.83 0.00	30.53 0.83 0.00	35.34 0.86 0.00	44.96 0.97 0.00	55.73 1.31 -0.02	56.29 1.10 -0.02	53.36 1.05 0.00	52.09 1.02 -0.06	48.34 0.95 0.00	45.35 0.98 0.00	44.05 0.99 0.00	43.37 1.02 0.00	44.32 1.04 0.00	50.26 1.18 0.00	60.41 1.36 0.00	69.15 1.42 0.00	67.54 1.39 -0.07	52.28 1.23 0.00	44.33 1.00 0.00	38.46 0.97 0.00	35.48 0.87 0.00
GINNA____ 23603	30.71 -1.96 0.00	28.94 -1.75 0.00	28.37 -1.56 0.00	28.06 -1.66 0.00	27.91 -1.78 0.00	32.48 -2.00 0.00	41.39 -2.60 0.00	50.92 -3.48 0.00	51.86 -3.31 0.00	49.39 -2.93 0.00	48.31 -2.71 0.00	44.98 -2.42 0.00	42.11 -2.26 0.00	40.77 -2.28 0.00	39.98 -2.37 0.00	40.77 -2.51 0.00	45.90 -3.19 0.00	55.10 -3.96 0.00	63.73 -4.00 0.00	62.06 -4.03 0.00	48.30 -2.76 0.00	41.21 -2.12 0.00	35.42 -2.06 0.00	32.71 -1.90 0.00
GLEN PARK____ 23778	33.48 0.52 -0.29	31.49 0.49 -0.31	30.69 0.54 -0.22	30.46 0.54 -0.20	30.33 0.45 -0.19	35.61 0.83 -0.30	46.16 1.98 -0.19	57.56 2.67 -0.49	58.88 2.76 -0.96	55.83 2.25 -1.27	54.44 2.09 -1.33	49.83 1.56 -0.88	46.16 1.15 -0.63	44.34 0.86 -0.42	43.63 0.85 -0.42	44.45 0.91 -0.26	50.31 1.03 -0.19	60.42 1.36 0.00	70.27 2.03 -0.51	69.33 2.71 -0.53	53.15 2.04 -0.05	45.15 1.74 -0.08	38.73 1.20 -0.04	35.70 0.90 -0.19
GLENDALE_27_KV_LOAD 356172	35.32 2.65 -0.01	33.06 2.36 -0.01	32.06 2.13 -0.01	31.69 1.96 -0.01	31.72 2.02 -0.01	36.94 2.45 -0.01	46.94 2.95 0.00	58.41 3.92 -0.08	58.93 3.64 -0.12	55.71 3.40 0.00	54.78 3.47 -0.30	50.77 3.27 -0.11	47.67 3.28 -0.01	46.43 3.36 -0.01	45.66 3.30 -0.01	46.62 3.33 -0.01	52.77 3.68 -0.01	63.67 4.61 -0.01	73.29 5.55 -0.01	71.64 5.22 -0.33	54.69 3.62 -0.01	46.41 3.08 0.00	40.53 3.04 -0.01	37.18 2.56 -0.01
GLENWOOD_IC_1_G5 23712	34.95 2.29 0.00	32.63 1.93 0.00	31.64 1.71 0.00	31.33 1.60 0.00	31.36 1.66 0.00	36.51 2.03 0.00	45.87 2.11 0.23	57.54 3.10 -0.03	57.84 2.92 0.24	54.57 2.72 0.47	54.21 2.91 -0.29	49.71 2.75 0.43	47.09 2.75 0.04	45.89 2.84 0.01	45.19 2.84 0.00	46.18 2.90 0.00	52.27 3.19 0.01	63.07 4.02 0.00	72.74 5.01 0.00	71.10 4.69 -0.32	54.06 3.01 0.01	45.72 2.38 0.00	40.03 2.55 0.00	36.76 2.15 0.00
GLENWOOD_IC_2_G1 23688	34.86 2.19 0.00	32.57 1.87 0.00	31.61 1.68 0.00	31.27 1.54 0.00	31.30 1.60 0.00	36.44 1.96 0.00	46.10 2.11 0.00	57.52 3.04 -0.07	58.07 2.81 -0.10	54.92 2.61 0.00	54.11 2.80 -0.29	49.95 2.65 0.10	46.98 2.62 0.01	45.59 2.54 0.01	45.10 2.75 0.00	46.01 2.73 0.00	52.12 3.04 0.01	62.89 3.84 0.00	72.46 4.74 0.00	70.83 4.43 -0.31	54.01 2.96 0.01	45.67 2.34 0.00	39.89 2.40 0.00	36.65 2.04 0.00
GLENWOOD_IC_3_G1 23689	34.86 2.19 0.00	32.57 1.87 0.00	31.61 1.68 0.00	31.27 1.54 0.00	31.30 1.60 0.00	36.44 1.96 0.00	46.10 2.11 0.00	57.52 3.04 -0.07	58.07 2.81 -0.10	54.92 2.61 0.00	54.11 2.80 -0.29	49.95 2.65 0.10	46.98 2.62 0.01	45.59 2.54 0.01	45.10 2.75 0.00	46.01 2.73 0.00	52.12 3.04 0.01	62.89 3.84 0.00	72.46 4.74 0.00	70.83 4.43 -0.31	54.01 2.96 0.01	45.67 2.34 0.00	39.89 2.40 0.00	36.65 2.04 0.00
GLENWOOD____4 23550	34.95 2.29 0.00	32.63 1.93 0.00	31.64 1.71 0.00	31.33 1.60 0.00	31.36 1.66 0.00	36.51 2.03 0.00	45.87 2.11 0.23	57.54 3.10 -0.03	57.84 2.92 0.24	54.57 2.72 0.47	54.21 2.91 -0.29	49.71 2.75 0.43	47.09 2.75 0.04	45.89 2.84 0.01	45.19 2.84 0.00	46.18 2.90 0.00	52.27 3.19 0.01	63.07 4.02 0.00	72.74 5.01 0.00	71.10 4.69 -0.32	54.06 3.01 0.01	45.72 2.38 0.00	40.03 2.55 0.00	36.76 2.15 0.00
GLENWOOD____5 23614	34.95 2.29 0.00	32.63 1.93 0.00	31.64 1.71 0.00	31.33 1.60 0.00	31.36 1.66 0.00	36.51 2.03 0.00	45.87 2.11 0.23	57.54 3.10 -0.03	57.84 2.92 0.24	54.57 2.72 0.47	54.21 2.91 -0.29	49.71 2.75 0.43	47.09 2.75 0.04	45.89 2.84 0.01	45.19 2.84 0.00	46.18 2.90 0.00	52.27 3.19 0.01	63.07 4.02 0.00	72.74 5.01 0.00	71.10 4.69 -0.32	54.06 3.01 0.01	45.72 2.38 0.00	40.03 2.55 0.00	36.76 2.15 0.00
GLOBAL GREEN_PORT_GT1 23814	34.49 1.83 0.00	32.01 1.32 0.00	31.07 1.14 0.00	30.76 1.04 0.00	30.82 1.13 0.00	35.96 1.48 0.00	43.72 0.44 0.71	55.54 1.20 0.06	55.18 0.99 0.97	51.87 0.99 1.44	52.83 1.53 -0.28	47.40 1.23 1.22	45.57 1.29 0.09	44.16 1.12 0.01	44.17 1.82 0.00	45.05 1.78 0.00	50.89 1.82 0.01	61.47 2.42 0.00	71.18 3.45 0.00	69.45 3.04 -0.31	52.37 1.33 0.01	44.37 1.04 0.01	39.02 1.54 0.00	36.24 1.63 0.00
GLOBE____DSASP 323697	31.72 -0.95 0.00	29.96 -0.74 0.00	29.48 -0.45 0.00	28.80 -0.92 0.00	28.57 -1.13 0.00	33.20 -1.28 0.00	41.17 -2.82 0.00	49.45 -4.95 0.00	50.03 -5.13 0.00	47.97 -4.34 0.00	46.78 -4.23 0.00	43.74 -3.65 0.00	41.00 -3.37 0.00	39.53 -3.53 0.00	39.14 -3.22 0.00	40.08 -3.20 0.00	44.47 -4.61 0.00	53.27 -5.79 0.00	61.84 -5.89 0.00	60.34 -5.75 0.00	48.09 -2.96 0.00	41.91 -1.43 0.00	36.14 -1.35 0.00	33.75 -0.87 0.00
GOETHSLN____LBMP 323567	34.95 2.29 0.00	32.69 2.00 0.00	31.70 1.77 0.00	31.33 1.60 0.00	31.36 1.66 0.00	36.51 2.03 0.00	46.45 2.46 0.00	58.03 3.54 -0.08	58.60 3.31 -0.12	55.40 3.09 0.00	54.43 3.11 -0.30	50.53 3.03 -0.10	47.32 2.93 -0.01	46.04 2.97 -0.01	45.32 2.96 0.00	46.27 2.99 0.00	52.48 3.39 -0.01	63.25 4.19 0.00	72.81 5.08 0.00	71.17 4.76 -0.32	54.38 3.32 -0.01	45.98 2.64 0.00	40.07 2.59 0.00	36.76 2.15 0.00
GOLAH____69_KV_TB 1_2 80279	32.34 -0.33 0.00	30.45 -0.25 0.00	29.90 -0.03 0.00	29.57 -0.15 0.00	29.43 -0.27 0.00	34.14 -0.34 0.00	43.28 -0.70 0.00	52.88 -1.52 0.00	53.68 -1.49 0.00	51.22 -1.10 0.00	50.04 -0.97 0.00	46.59 -0.81 0.00	43.58 -0.80 0.00	42.11 -0.95 0.00	41.42 -0.93 0.00	42.24 -1.04 0.00	47.37 -1.72 0.00	56.93 -2.13 0.00	65.97 -1.76 0.00	64.44 -1.65 0.00	50.49 -0.56 0.00	43.25 -0.09 0.00	37.22 -0.26 0.00	34.47 -0.14 0.00
GOODYEAR_LAKE_HYD 323669	33.65 0.98 0.00	31.55 0.86 0.00	30.83 0.90 0.00	30.58 0.86 0.00	30.53 0.83 0.00	35.45 0.97 0.00	45.48 1.50 0.00	56.36 1.96 0.00	56.99 1.82 0.00	53.88 1.57 0.00	52.49 1.48 0.00	48.68 1.28 0.00	45.66 1.29 0.00	44.22 1.16 0.00	43.50 1.14 0.00	44.49 1.21 0.00	50.51 1.42 0.00	60.89 1.83 0.00	70.03 2.30 0.00	68.54 2.45 0.00	52.94 1.89 0.00	44.85 1.52 0.00	38.76 1.27 0.00	35.65 1.04 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	32.80 0.13 0.00	30.85 0.15 0.00	30.17 0.24 0.00	29.93 0.21 0.00	29.84 0.15 0.00	34.58 0.10 0.00	44.08 0.09 0.00	54.35 -0.05 0.00	54.94 -0.22 0.00	52.05 -0.26 0.00	50.66 -0.36 0.00	47.11 -0.28 0.00	44.15 -0.22 0.00	42.75 -0.30 0.00	42.10 -0.25 0.00	43.02 -0.26 0.00	48.69 -0.39 0.00	58.70 -0.35 0.00	67.73 0.00 0.00	66.22 0.13 0.00	51.41 0.36 0.00	43.77 0.43 0.00	37.82 0.34 0.00	34.85 0.24 0.00

GOUDEY___7 23579	32.80 0.13 0.00	30.85 0.15 0.00	30.17 0.24 0.00	29.93 0.21 0.00	29.84 0.15 0.00	34.58 0.10 0.00	44.08 0.09 0.00	54.35 -0.05 0.00	54.94 -0.22 0.00	52.05 -0.26 0.00	50.66 -0.36 0.00	47.11 -0.28 0.00	44.15 -0.22 0.00	42.75 -0.30 0.00	42.10 -0.25 0.00	43.02 -0.26 0.00	48.69 -0.39 0.00	58.70 -0.35 0.00	67.73 0.00 0.00	66.22 0.13 0.00	51.41 0.36 0.00	43.77 0.43 0.00	37.82 0.34 0.00	34.85 0.24 0.00
GOUDEY___8 23580	32.80 0.13 0.00	30.85 0.15 0.00	30.17 0.24 0.00	29.93 0.21 0.00	29.84 0.15 0.00	34.58 0.10 0.00	44.08 0.09 0.00	54.35 -0.05 0.00	54.94 -0.22 0.00	52.05 -0.26 0.00	50.66 -0.36 0.00	47.11 -0.28 0.00	44.15 -0.22 0.00	42.75 -0.30 0.00	42.10 -0.25 0.00	43.02 -0.26 0.00	48.69 -0.39 0.00	58.70 -0.35 0.00	67.73 0.00 0.00	66.22 0.13 0.00	51.41 0.36 0.00	43.77 0.43 0.00	37.82 0.34 0.00	34.85 0.24 0.00
GOWANUS_GT1_1 24077	35.39 2.71 -0.01	33.13 2.42 -0.01	32.15 2.21 -0.01	31.78 2.05 -0.01	31.81 2.11 -0.01	37.01 2.52 -0.01	46.80 2.82 0.00	58.19 3.70 -0.08	58.54 3.25 -0.12	55.35 3.03 0.00	54.43 3.11 -0.30	50.39 2.89 -0.11	47.36 2.97 -0.01	46.13 3.06 -0.01	45.37 3.01 -0.01	46.36 3.07 -0.01	52.53 3.44 -0.01	63.37 4.31 -0.01	72.95 5.22 -0.01	71.31 4.89 -0.33	54.43 3.37 -0.01	46.24 2.90 0.00	40.49 3.00 -0.01	37.25 2.63 -0.01
GOWANUS_GT1_2 24078	35.39 2.71 -0.01	33.13 2.42 -0.01	32.15 2.21 -0.01	31.78 2.05 -0.01	31.81 2.11 -0.01	37.01 2.52 -0.01	46.80 2.82 0.00	58.19 3.70 -0.08	58.54 3.25 -0.12	55.35 3.03 0.00	54.43 3.11 -0.30	50.39 2.89 -0.11	47.36 2.97 -0.01	46.13 3.06 -0.01	45.37 3.01 -0.01	46.36 3.07 -0.01	52.53 3.44 -0.01	63.37 4.31 -0.01	72.95 5.22 -0.01	71.31 4.89 -0.33	54.43 3.37 -0.01	46.24 2.90 0.00	40.49 3.00 -0.01	37.25 2.63 -0.01
GOWANUS_GT1_3 24079	35.39 2.71 -0.01	33.13 2.42 -0.01	32.15 2.21 -0.01	31.78 2.05 -0.01	31.81 2.11 -0.01	37.01 2.52 -0.01	46.80 2.82 0.00	58.19 3.70 -0.08	58.54 3.25 -0.12	55.35 3.03 0.00	54.43 3.11 -0.30	50.39 2.89 -0.11	47.36 2.97 -0.01	46.13 3.06 -0.01	45.37 3.01 -0.01	46.36 3.07 -0.01	52.53 3.44 -0.01	63.37 4.31 -0.01	72.95 5.22 -0.01	71.31 4.89 -0.33	54.43 3.37 -0.01	46.24 2.90 0.00	40.49 3.00 -0.01	37.25 2.63 -0.01
GOWANUS_GT1_4 24080	35.39 2.71 -0.01	33.13 2.42 -0.01	32.15 2.21 -0.01	31.78 2.05 -0.01	31.81 2.11 -0.01	37.01 2.52 -0.01	46.80 2.82 0.00	58.19 3.70 -0.08	58.54 3.25 -0.12	55.35 3.03 0.00	54.43 3.11 -0.30	50.39 2.89 -0.11	47.36 2.97 -0.01	46.13 3.06 -0.01	45.37 3.01 -0.01	46.36 3.07 -0.01	52.53 3.44 -0.01	63.37 4.31 -0.01	72.95 5.22 -0.01	71.31 4.89 -0.33	54.43 3.37 -0.01	46.24 2.90 0.00	40.49 3.00 -0.01	37.25 2.63 -0.01
GOWANUS_GT1_5 24084	35.39 2.71 -0.01	33.13 2.42 -0.01	32.15 2.21 -0.01	31.78 2.05 -0.01	31.81 2.11 -0.01	37.01 2.52 -0.01	46.80 2.82 0.00	58.19 3.70 -0.08	58.54 3.25 -0.12	55.35 3.03 0.00	54.43 3.11 -0.30	50.39 2.89 -0.11	47.36 2.97 -0.01	46.13 3.06 -0.01	45.37 3.01 -0.01	46.36 3.07 -0.01	52.53 3.44 -0.01	63.37 4.31 -0.01	72.95 5.22 -0.01	71.31 4.89 -0.33	54.43 3.37 -0.01	46.24 2.90 0.00	40.49 3.00 -0.01	37.25 2.63 -0.01
GOWANUS_GT1_6 24111	35.39 2.71 -0.01	33.13 2.42 -0.01	32.15 2.21 -0.01	31.78 2.05 -0.01	31.81 2.11 -0.01	37.01 2.52 -0.01	46.80 2.82 0.00	58.19 3.70 -0.08	58.54 3.25 -0.12	55.35 3.03 0.00	54.43 3.11 -0.30	50.39 2.89 -0.11	47.36 2.97 -0.01	46.13 3.06 -0.01	45.37 3.01 -0.01	46.36 3.07 -0.01	52.53 3.44 -0.01	63.37 4.31 -0.01	72.95 5.22 -0.01	71.31 4.89 -0.33	54.43 3.37 -0.01	46.24 2.90 0.00	40.49 3.00 -0.01	37.25 2.63 -0.01
GOWANUS_GT1_7 24112	35.39 2.71 -0.01	33.13 2.42 -0.01	32.15 2.21 -0.01	31.78 2.05 -0.01	31.81 2.11 -0.01	37.01 2.52 -0.01	46.80 2.82 0.00	58.19 3.70 -0.08	58.54 3.25 -0.12	55.35 3.03 0.00	54.43 3.11 -0.30	50.39 2.89 -0.11	47.36 2.97 -0.01	46.13 3.06 -0.01	45.37 3.01 -0.01	46.36 3.07 -0.01	52.53 3.44 -0.01	63.37 4.31 -0.01	72.95 5.22 -0.01	71.31 4.89 -0.33	54.43 3.37 -0.01	46.24 2.90 0.00	40.49 3.00 -0.01	37.25 2.63 -0.01
GOWANUS_GT1_8 24113	35.39 2.71 -0.01	33.13 2.42 -0.01	32.15 2.21 -0.01	31.78 2.05 -0.01	31.81 2.11 -0.01	37.01 2.52 -0.01	46.80 2.82 0.00	58.19 3.70 -0.08	58.54 3.25 -0.12	55.35 3.03 0.00	54.43 3.11 -0.30	50.39 2.89 -0.11	47.36 2.97 -0.01	46.13 3.06 -0.01	45.37 3.01 -0.01	46.36 3.07 -0.01	52.53 3.44 -0.01	63.37 4.31 -0.01	72.95 5.22 -0.01	71.31 4.89 -0.33	54.43 3.37 -0.01	46.24 2.90 0.00	40.49 3.00 -0.01	37.25 2.63 -0.01
GOWANUS_GT2_1 24114	35.38 2.71 -0.01	33.10 2.40 -0.01	32.12 2.18 -0.01	31.78 2.05 -0.01	31.81 2.11 -0.01	37.00 2.52 -0.01	46.76 2.77 0.00	58.13 3.65 -0.08	58.49 3.20 -0.12	55.29 2.98 0.00	54.38 3.06 -0.30	50.25 2.75 -0.11	47.32 2.93 -0.01	46.04 2.97 -0.01	45.41 3.05 -0.01	46.32 3.03 -0.01	52.48 3.38 -0.01	63.32 4.25 -0.01	72.88 5.14 -0.01	71.24 4.82 -0.33	54.38 3.32 -0.01	46.24 2.90 0.00	40.49 3.00 -0.01	37.22 2.60 -0.01
GOWANUS_GT2_2 24115	35.38 2.71 -0.01	33.10 2.40 -0.01	32.12 2.18 -0.01	31.78 2.05 -0.01	31.81 2.11 -0.01	37.00 2.52 -0.01	46.76 2.77 0.00	58.13 3.65 -0.08	58.49 3.20 -0.12	55.29 2.98 0.00	54.38 3.06 -0.30	50.25 2.75 -0.11	47.32 2.93 -0.01	46.04 2.97 -0.01	45.41 3.05 -0.01	46.32 3.03 -0.01	52.48 3.38 -0.01	63.32 4.25 -0.01	72.88 5.14 -0.01	71.24 4.82 -0.33	54.38 3.32 -0.01	46.24 2.90 0.00	40.49 3.00 -0.01	37.22 2.60 -0.01
GOWANUS_GT2_3 24116	35.38 2.71 -0.01	33.10 2.40 -0.01	32.12 2.18 -0.01	31.78 2.05 -0.01	31.81 2.11 -0.01	37.00 2.52 -0.01	46.76 2.77 0.00	58.13 3.65 -0.08	58.49 3.20 -0.12	55.29 2.98 0.00	54.38 3.06 -0.30	50.25 2.75 -0.11	47.32 2.93 -0.01	46.04 2.97 -0.01	45.41 3.05 -0.01	46.32 3.03 -0.01	52.48 3.38 -0.01	63.32 4.25 -0.01	72.88 5.14 -0.01	71.24 4.82 -0.33	54.38 3.32 -0.01	46.24 2.90 0.00	40.49 3.00 -0.01	37.22 2.60 -0.01
GOWANUS_GT2_4 24117	35.38 2.71 -0.01	33.10 2.40 -0.01	32.12 2.18 -0.01	31.78 2.05 -0.01	31.81 2.11 -0.01	37.00 2.52 -0.01	46.76 2.77 0.00	58.13 3.65 -0.08	58.49 3.20 -0.12	55.29 2.98 0.00	54.38 3.06 -0.30	50.25 2.75 -0.11	47.32 2.93 -0.01	46.04 2.97 -0.01	45.41 3.05 -0.01	46.32 3.03 -0.01	52.48 3.38 -0.01	63.32 4.25 -0.01	72.88 5.14 -0.01	71.24 4.82 -0.33	54.38 3.32 -0.01	46.24 2.90 0.00	40.49 3.00 -0.01	37.22 2.60 -0.01
GOWANUS_GT2_5 24118	35.38 2.71 -0.01	33.10 2.40 -0.01	32.12 2.18 -0.01	31.78 2.05 -0.01	31.81 2.11 -0.01	37.00 2.52 -0.01	46.76 2.77 0.00	58.13 3.65 -0.08	58.49 3.20 -0.12	55.29 2.98 0.00	54.38 3.06 -0.30	50.25 2.75 -0.11	47.32 2.93 -0.01	46.04 2.97 -0.01	45.41 3.05 -0.01	46.32 3.03 -0.01	52.48 3.38 -0.01	63.32 4.25 -0.01	72.88 5.14 -0.01	71.24 4.82 -0.33	54.38 3.32 -0.01	46.24 2.90 0.00	40.49 3.00 -0.01	37.22 2.60 -0.01

GOWANUS_GT2_6 24119	35.38 2.71 -0.01	33.10 2.40 -0.01	32.12 2.18 -0.01	31.78 2.05 -0.01	31.81 2.11 -0.01	37.00 2.52 -0.01	46.76 2.77 0.00	58.13 3.65 -0.08	58.49 3.20 -0.12	55.29 2.98 0.00	54.38 3.06 -0.30	50.25 2.75 -0.11	47.32 2.93 -0.01	46.04 2.97 -0.01	45.41 3.05 -0.01	46.32 3.03 -0.01	52.48 3.38 -0.01	63.32 4.25 -0.01	72.88 5.14 -0.01	71.24 4.82 -0.33	54.38 3.32 -0.01	46.24 2.90 0.00	40.49 3.00 -0.01	37.22 2.60 -0.01
GOWANUS_GT2_7 24120	35.38 2.71 -0.01	33.10 2.40 -0.01	32.12 2.18 -0.01	31.78 2.05 -0.01	31.81 2.11 -0.01	37.00 2.52 -0.01	46.76 2.77 0.00	58.13 3.65 -0.08	58.49 3.20 -0.12	55.29 2.98 0.00	54.38 3.06 -0.30	50.25 2.75 -0.11	47.32 2.93 -0.01	46.04 2.97 -0.01	45.41 3.05 -0.01	46.32 3.03 -0.01	52.48 3.38 -0.01	63.32 4.25 -0.01	72.88 5.14 -0.01	71.24 4.82 -0.33	54.38 3.32 -0.01	46.24 2.90 0.00	40.49 3.00 -0.01	37.22 2.60 -0.01
GOWANUS_GT2_8 24121	35.38 2.71 -0.01	33.10 2.40 -0.01	32.12 2.18 -0.01	31.78 2.05 -0.01	31.81 2.11 -0.01	37.00 2.52 -0.01	46.76 2.77 0.00	58.13 3.65 -0.08	58.49 3.20 -0.12	55.29 2.98 0.00	54.38 3.06 -0.30	50.25 2.75 -0.11	47.32 2.93 -0.01	46.04 2.97 -0.01	45.41 3.05 -0.01	46.32 3.03 -0.01	52.48 3.38 -0.01	63.32 4.25 -0.01	72.88 5.14 -0.01	71.24 4.82 -0.33	54.38 3.32 -0.01	46.24 2.90 0.00	40.49 3.00 -0.01	37.22 2.60 -0.01
GOWANUS_GT3_1 24122	35.38 2.71 -0.01	33.10 2.40 -0.01	32.12 2.18 -0.01	31.78 2.05 -0.01	31.81 2.11 -0.01	37.00 2.52 -0.01	46.81 2.82 0.00	58.13 3.65 -0.08	58.49 3.20 -0.12	55.35 3.03 0.00	54.43 3.11 -0.30	50.30 2.80 -0.11	47.36 2.97 -0.01	46.08 3.01 -0.01	45.41 3.05 -0.01	46.36 3.07 -0.01	52.53 3.43 -0.01	63.37 4.31 -0.01	72.95 5.22 -0.01	71.31 4.89 -0.33	54.43 3.37 -0.01	46.28 2.95 0.00	40.53 3.04 -0.01	37.25 2.63 -0.01
GOWANUS_GT3_2 24123	35.38 2.71 -0.01	33.10 2.40 -0.01	32.12 2.18 -0.01	31.78 2.05 -0.01	31.81 2.11 -0.01	37.00 2.52 -0.01	46.81 2.82 0.00	58.13 3.65 -0.08	58.49 3.20 -0.12	55.35 3.03 0.00	54.43 3.11 -0.30	50.30 2.80 -0.11	47.36 2.97 -0.01	46.08 3.01 -0.01	45.41 3.05 -0.01	46.36 3.07 -0.01	52.53 3.43 -0.01	63.37 4.31 -0.01	72.95 5.22 -0.01	71.31 4.89 -0.33	54.43 3.37 -0.01	46.28 2.95 0.00	40.53 3.04 -0.01	37.25 2.63 -0.01
GOWANUS_GT3_3 24124	35.38 2.71 -0.01	33.10 2.40 -0.01	32.12 2.18 -0.01	31.78 2.05 -0.01	31.81 2.11 -0.01	37.00 2.52 -0.01	46.81 2.82 0.00	58.13 3.65 -0.08	58.49 3.20 -0.12	55.35 3.03 0.00	54.43 3.11 -0.30	50.30 2.80 -0.11	47.36 2.97 -0.01	46.08 3.01 -0.01	45.41 3.05 -0.01	46.36 3.07 -0.01	52.53 3.43 -0.01	63.37 4.31 -0.01	72.95 5.22 -0.01	71.31 4.89 -0.33	54.43 3.37 -0.01	46.28 2.95 0.00	40.53 3.04 -0.01	37.25 2.63 -0.01
GOWANUS_GT3_4 24125	35.38 2.71 -0.01	33.10 2.40 -0.01	32.12 2.18 -0.01	31.78 2.05 -0.01	31.81 2.11 -0.01	37.00 2.52 -0.01	46.81 2.82 0.00	58.13 3.65 -0.08	58.49 3.20 -0.12	55.35 3.03 0.00	54.43 3.11 -0.30	50.30 2.80 -0.11	47.36 2.97 -0.01	46.08 3.01 -0.01	45.41 3.05 -0.01	46.36 3.07 -0.01	52.53 3.43 -0.01	63.37 4.31 -0.01	72.95 5.22 -0.01	71.31 4.89 -0.33	54.43 3.37 -0.01	46.28 2.95 0.00	40.53 3.04 -0.01	37.25 2.63 -0.01
GOWANUS_GT3_5 24126	35.38 2.71 -0.01	33.10 2.40 -0.01	32.12 2.18 -0.01	31.78 2.05 -0.01	31.81 2.11 -0.01	37.00 2.52 -0.01	46.81 2.82 0.00	58.13 3.65 -0.08	58.49 3.20 -0.12	55.35 3.03 0.00	54.43 3.11 -0.30	50.30 2.80 -0.11	47.36 2.97 -0.01	46.08 3.01 -0.01	45.41 3.05 -0.01	46.36 3.07 -0.01	52.53 3.43 -0.01	63.37 4.31 -0.01	72.95 5.22 -0.01	71.31 4.89 -0.33	54.43 3.37 -0.01	46.28 2.95 0.00	40.53 3.04 -0.01	37.25 2.63 -0.01
GOWANUS_GT3_6 24127	35.38 2.71 -0.01	33.10 2.40 -0.01	32.12 2.18 -0.01	31.78 2.05 -0.01	31.81 2.11 -0.01	37.00 2.52 -0.01	46.81 2.82 0.00	58.13 3.65 -0.08	58.49 3.20 -0.12	55.35 3.03 0.00	54.43 3.11 -0.30	50.30 2.80 -0.11	47.36 2.97 -0.01	46.08 3.01 -0.01	45.41 3.05 -0.01	46.36 3.07 -0.01	52.53 3.43 -0.01	63.37 4.31 -0.01	72.95 5.22 -0.01	71.31 4.89 -0.33	54.43 3.37 -0.01	46.28 2.95 0.00	40.53 3.04 -0.01	37.25 2.63 -0.01
GOWANUS_GT3_7 24128	35.38 2.71 -0.01	33.10 2.40 -0.01	32.12 2.18 -0.01	31.78 2.05 -0.01	31.81 2.11 -0.01	37.00 2.52 -0.01	46.81 2.82 0.00	58.13 3.65 -0.08	58.49 3.20 -0.12	55.35 3.03 0.00	54.43 3.11 -0.30	50.30 2.80 -0.11	47.36 2.97 -0.01	46.08 3.01 -0.01	45.41 3.05 -0.01	46.36 3.07 -0.01	52.53 3.43 -0.01	63.37 4.31 -0.01	72.95 5.22 -0.01	71.31 4.89 -0.33	54.43 3.37 -0.01	46.28 2.95 0.00	40.53 3.04 -0.01	37.25 2.63 -0.01
GOWANUS_GT3_8 24129	35.38 2.71 -0.01	33.10 2.40 -0.01	32.12 2.18 -0.01	31.78 2.05 -0.01	31.81 2.11 -0.01	37.00 2.52 -0.01	46.81 2.82 0.00	58.13 3.65 -0.08	58.49 3.20 -0.12	55.35 3.03 0.00	54.43 3.11 -0.30	50.30 2.80 -0.11	47.36 2.97 -0.01	46.08 3.01 -0.01	45.41 3.05 -0.01	46.36 3.07 -0.01	52.53 3.43 -0.01	63.37 4.31 -0.01	72.95 5.22 -0.01	71.31 4.89 -0.33	54.43 3.37 -0.01	46.28 2.95 0.00	40.53 3.04 -0.01	37.25 2.63 -0.01
GOWANUS_GT4_1 24130	35.39 2.71 -0.01	33.10 2.39 -0.01	32.12 2.18 -0.01	31.78 2.05 -0.01	31.81 2.11 -0.01	37.01 2.52 -0.01	46.76 2.77 0.00	58.13 3.65 -0.08	58.49 3.20 -0.12	55.30 2.98 0.00	54.38 3.06 -0.30	50.34 2.84 -0.11	47.32 2.93 -0.01	46.08 3.01 -0.01	45.37 3.01 -0.01	46.32 3.03 -0.01	52.48 3.39 -0.01	63.31 4.25 -0.01	72.88 5.15 -0.01	71.24 4.82 -0.33	54.38 3.32 -0.01	46.20 2.86 0.00	40.49 3.00 -0.01	37.25 2.63 -0.01
GOWANUS_GT4_2 24131	35.39 2.71 -0.01	33.10 2.39 -0.01	32.12 2.18 -0.01	31.78 2.05 -0.01	31.81 2.11 -0.01	37.01 2.52 -0.01	46.76 2.77 0.00	58.13 3.65 -0.08	58.49 3.20 -0.12	55.30 2.98 0.00	54.38 3.06 -0.30	50.34 2.84 -0.11	47.32 2.93 -0.01	46.08 3.01 -0.01	45.37 3.01 -0.01	46.32 3.03 -0.01	52.48 3.39 -0.01	63.31 4.25 -0.01	72.88 5.15 -0.01	71.24 4.82 -0.33	54.38 3.32 -0.01	46.20 2.86 0.00	40.49 3.00 -0.01	37.25 2.63 -0.01
GOWANUS_GT4_3 24132	35.39 2.71 -0.01	33.10 2.39 -0.01	32.12 2.18 -0.01	31.78 2.05 -0.01	31.81 2.11 -0.01	37.01 2.52 -0.01	46.76 2.77 0.00	58.13 3.65 -0.08	58.49 3.20 -0.12	55.30 2.98 0.00	54.38 3.06 -0.30	50.34 2.84 -0.11	47.32 2.93 -0.01	46.08 3.01 -0.01	45.37 3.01 -0.01	46.32 3.03 -0.01	52.48 3.39 -0.01	63.31 4.25 -0.01	72.88 5.15 -0.01	71.24 4.82 -0.33	54.38 3.32 -0.01	46.20 2.86 0.00	40.49 3.00 -0.01	37.25 2.63 -0.01
GOWANUS_GT4_4 24133	35.39 2.71 -0.01	33.10 2.39 -0.01	32.12 2.18 -0.01	31.78 2.05 -0.01	31.81 2.11 -0.01	37.01 2.52 -0.01	46.76 2.77 0.00	58.13 3.65 -0.08	58.49 3.20 -0.12	55.30 2.98 0.00	54.38 3.06 -0.30	50.34 2.84 -0.11	47.32 2.93 -0.01	46.08 3.01 -0.01	45.37 3.01 -0.01	46.32 3.03 -0.01	52.48 3.39 -0.01	63.31 4.25 -0.01	72.88 5.15 -0.01	71.24 4.82 -0.33	54.38 3.32 -0.01	46.20 2.86 0.00	40.49 3.00 -0.01	37.25 2.63 -0.01

GOWANUS_GT4_5 24134	35.39 2.71 -0.01	33.10 2.39 -0.01	32.12 2.18 -0.01	31.78 2.05 -0.01	31.81 2.11 -0.01	37.01 2.52 -0.01	46.76 2.77 0.00	58.13 3.65 -0.08	58.49 3.20 -0.12	55.30 2.98 0.00	54.38 3.06 -0.30	50.34 2.84 -0.11	47.32 2.93 -0.01	46.08 3.01 -0.01	45.37 3.01 -0.01	46.32 3.03 -0.01	52.48 3.39 -0.01	63.31 4.25 -0.01	72.88 5.15 -0.01	71.24 4.82 -0.33	54.38 3.32 -0.01	46.20 2.86 0.00	40.49 3.00 -0.01	37.25 2.63 -0.01
GOWANUS_GT4_6 24135	35.39 2.71 -0.01	33.10 2.39 -0.01	32.12 2.18 -0.01	31.78 2.05 -0.01	31.81 2.11 -0.01	37.01 2.52 -0.01	46.76 2.77 0.00	58.13 3.65 -0.08	58.49 3.20 -0.12	55.30 2.98 0.00	54.38 3.06 -0.30	50.34 2.84 -0.11	47.32 2.93 -0.01	46.08 3.01 -0.01	45.37 3.01 -0.01	46.32 3.03 -0.01	52.48 3.39 -0.01	63.31 4.25 -0.01	72.88 5.15 -0.01	71.24 4.82 -0.33	54.38 3.32 -0.01	46.20 2.86 0.00	40.49 3.00 -0.01	37.25 2.63 -0.01
GOWANUS_GT4_7 24136	35.39 2.71 -0.01	33.10 2.39 -0.01	32.12 2.18 -0.01	31.78 2.05 -0.01	31.81 2.11 -0.01	37.01 2.52 -0.01	46.76 2.77 0.00	58.13 3.65 -0.08	58.49 3.20 -0.12	55.30 2.98 0.00	54.38 3.06 -0.30	50.34 2.84 -0.11	47.32 2.93 -0.01	46.08 3.01 -0.01	45.37 3.01 -0.01	46.32 3.03 -0.01	52.48 3.39 -0.01	63.31 4.25 -0.01	72.88 5.15 -0.01	71.24 4.82 -0.33	54.38 3.32 -0.01	46.20 2.86 0.00	40.49 3.00 -0.01	37.25 2.63 -0.01
GOWANUS_GT4_8 24137	35.39 2.71 -0.01	33.10 2.39 -0.01	32.12 2.18 -0.01	31.78 2.05 -0.01	31.81 2.11 -0.01	37.01 2.52 -0.01	46.76 2.77 0.00	58.13 3.65 -0.08	58.49 3.20 -0.12	55.30 2.98 0.00	54.38 3.06 -0.30	50.34 2.84 -0.11	47.32 2.93 -0.01	46.08 3.01 -0.01	45.37 3.01 -0.01	46.32 3.03 -0.01	52.48 3.39 -0.01	63.31 4.25 -0.01	72.88 5.15 -0.01	71.24 4.82 -0.33	54.38 3.32 -0.01	46.20 2.86 0.00	40.49 3.00 -0.01	37.25 2.63 -0.01
GREATVRV_69_KV_BK1 356245	35.18 2.52 0.00	32.72 2.03 0.00	31.73 1.80 0.00	31.39 1.66 0.00	31.48 1.78 0.00	36.72 2.24 0.00	44.54 1.23 0.68	56.53 2.18 0.06	56.07 1.82 0.92	52.57 1.62 1.36	53.95 2.65 -0.28	48.03 1.80 1.16	46.68 2.40 0.09	45.67 2.63 0.01	45.06 2.71 0.00	46.09 2.81 0.00	52.07 2.99 0.01	63.01 3.96 0.00	72.87 5.15 0.00	71.16 4.76 -0.32	53.80 2.76 0.01	45.54 2.21 0.01	40.30 2.81 0.00	37.00 2.39 0.00
GREENBSH_115KV_TB3 55895	33.29 0.62 0.00	31.31 0.61 0.00	30.41 0.48 0.00	30.23 0.51 0.00	30.20 0.50 0.00	35.07 0.59 0.00	44.34 0.35 0.00	54.79 0.44 0.05	55.37 0.28 0.07	52.58 0.26 0.00	51.08 0.26 0.19	47.63 0.24 0.00	44.64 0.27 0.00	43.36 0.30 0.00	42.69 0.34 0.00	43.63 0.35 0.00	49.00 0.49 0.58	52.00 0.59 7.65	68.34 0.61 0.00	66.41 0.53 0.20	51.36 0.31 0.00	43.60 0.26 0.00	37.94 0.45 0.00	35.10 0.48 0.00
GREENDGE_115KV_TB5 80291	32.54 -0.13 0.00	30.60 -0.09 0.00	30.02 0.09 0.00	29.78 0.06 0.00	29.64 -0.06 0.00	34.38 -0.10 0.00	43.64 -0.35 0.00	53.86 -0.54 0.00	54.50 -0.66 0.00	51.53 -0.78 0.00	50.10 -0.92 0.00	46.49 -0.90 0.00	43.53 -0.84 0.00	42.15 -0.90 0.00	41.46 -0.89 0.00	42.33 -0.95 0.00	47.96 -1.13 0.00	57.93 -1.12 0.00	67.32 -0.41 0.00	65.83 -0.26 0.00	51.16 0.10 0.00	43.55 0.22 0.00	37.71 0.22 0.00	34.75 0.14 0.00
GREENIDGE___3 23582	32.54 -0.13 0.00	30.60 -0.09 0.00	30.02 0.09 0.00	29.78 0.06 0.00	29.64 -0.06 0.00	34.38 -0.10 0.00	43.64 -0.35 0.00	53.86 -0.54 0.00	54.50 -0.66 0.00	51.53 -0.78 0.00	50.10 -0.92 0.00	46.49 -0.90 0.00	43.53 -0.84 0.00	42.15 -0.90 0.00	41.46 -0.89 0.00	42.33 -0.95 0.00	47.96 -1.13 0.00	57.93 -1.12 0.00	67.32 -0.41 0.00	65.83 -0.26 0.00	51.16 0.10 0.00	43.55 0.22 0.00	37.71 0.22 0.00	34.75 0.14 0.00
GREENIDGE___4 23583	32.54 -0.13 0.00	30.63 -0.06 0.00	30.05 0.12 0.00	29.78 0.06 0.00	29.64 -0.06 0.00	34.38 -0.10 0.00	43.64 -0.35 0.00	53.86 -0.54 0.00	54.51 -0.66 0.00	51.53 -0.78 0.00	50.10 -0.92 0.00	46.49 -0.90 0.00	43.53 -0.84 0.00	42.15 -0.91 0.00	41.80 -0.55 0.00	42.33 -0.95 0.00	47.96 -1.13 0.00	57.93 -1.12 0.00	67.32 -0.40 0.00	65.83 -0.26 0.00	51.16 0.10 0.00	43.55 0.22 0.00	37.71 0.23 0.00	34.75 0.14 0.00
GREENLWN_69_KV_BK 3 55738	34.59 1.93 0.00	32.20 1.50 0.00	31.25 1.32 0.00	30.91 1.19 0.00	30.97 1.28 0.00	36.10 1.62 0.00	44.27 0.97 0.69	55.98 1.63 0.06	55.66 1.43 0.94	52.23 1.31 1.39	52.88 1.58 -0.28	47.73 1.52 1.18	45.88 1.60 0.09	44.94 1.89 0.01	44.30 1.95 0.00	45.23 1.95 0.00	51.09 2.01 0.01	61.77 2.72 0.00	71.31 3.59 0.00	69.58 3.17 -0.32	52.68 1.63 0.01	44.59 1.26 0.01	39.62 2.14 0.00	36.38 1.77 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	35.39 2.71 -0.01	33.13 2.42 -0.01	32.15 2.21 -0.01	31.78 2.05 -0.01	31.81 2.11 -0.01	37.01 2.52 -0.01	46.80 2.82 0.00	58.19 3.70 -0.08	58.54 3.25 -0.12	55.35 3.03 0.00	54.43 3.11 -0.30	50.39 2.89 -0.11	47.36 2.97 -0.01	46.13 3.06 -0.01	45.37 3.01 -0.01	46.36 3.07 -0.01	52.53 3.44 -0.01	63.37 4.31 -0.01	72.95 5.22 -0.01	71.31 4.89 -0.33	54.43 3.37 -0.01	46.24 2.90 0.00	40.49 3.00 -0.01	37.25 2.63 -0.01
GRISSOM___SOLAR 323813	34.14 1.47 0.00	32.01 1.32 0.00	31.25 1.32 0.00	30.97 1.25 0.00	30.97 1.28 0.00	36.07 1.59 0.00	46.10 2.11 0.00	57.25 2.88 0.04	57.54 2.42 0.05	54.04 1.72 0.00	52.10 1.22 0.14	48.15 0.76 0.00	45.13 0.75 0.00	43.79 0.73 0.00	43.16 0.80 0.00	44.45 1.17 0.00	50.88 1.72 -0.08	62.70 2.66 -0.99	70.91 3.18 0.00	69.05 3.11 0.15	53.35 2.30 0.00	45.29 1.95 0.00	39.06 1.57 0.00	36.00 1.39 0.00
GROVEVILLE___HYD 323602	34.76 2.09 0.00	32.57 1.87 0.00	31.64 1.71 0.00	31.33 1.60 0.00	31.27 1.57 0.00	36.38 1.90 0.00	46.32 2.33 0.00	57.73 3.26 -0.06	58.29 3.03 -0.09	55.30 2.98 0.00	54.17 2.91 -0.24	50.09 2.70 0.00	47.04 2.66 0.00	45.73 2.67 0.00	44.98 2.63 0.00	45.97 2.68 0.00	52.13 3.04 0.00	62.90 3.84 0.00	72.40 4.67 0.00	70.85 4.49 -0.26	54.17 3.11 0.00	45.85 2.51 0.00	39.81 2.32 0.00	36.62 2.01 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	32.63 -0.33 -0.29	30.66 -0.34 -0.30	29.91 -0.24 -0.22	29.68 -0.24 -0.20	29.59 -0.30 -0.19	34.50 -0.28 -0.30	43.91 -0.26 -0.19	54.67 -0.22 -0.48	55.84 -0.22 -0.90	53.34 -0.16 -1.19	52.11 -0.15 -1.24	48.02 -0.19 -0.82	44.79 -0.18 -0.59	43.28 -0.17 -0.39	42.54 -0.21 -0.40	43.22 -0.30 -0.24	48.87 -0.39 -0.18	58.52 -0.53 0.00	67.89 -0.34 -0.50	66.28 -0.33 -0.52	50.95 -0.15 -0.05	43.33 -0.09 -0.08	37.34 -0.19 -0.04	34.53 -0.28 -0.19
HAMLTNNY_34_KV_TB 80303	32.65 -0.29 -0.28	30.71 -0.28 -0.30	29.97 -0.18 -0.22	29.74 -0.18 -0.19	29.64 -0.24 -0.19	34.53 -0.24 -0.29	43.95 -0.22 -0.18	54.72 -0.16 -0.47	55.88 -0.17 -0.88	53.37 -0.10 -1.16	52.13 -0.10 -1.22	48.10 -0.09 -0.80	44.86 -0.09 -0.58	43.31 -0.13 -0.39	42.62 -0.13 -0.39	43.26 -0.26 -0.23	48.92 -0.34 -0.18	58.58 -0.47 0.00	67.95 -0.27 -0.49	66.40 -0.20 -0.51	51.05 -0.05 -0.05	43.41 0.00 -0.08	37.41 -0.11 -0.04	34.59 -0.21 -0.19

HAMPSHIRE___PAPER_HYD 323593	33.04 0.26 -0.11	31.05 0.24 -0.12	30.28 0.27 -0.08	30.12 0.33 -0.08	30.06 0.30 -0.07	35.08 0.48 -0.11	45.34 1.28 -0.07	56.11 1.52 -0.19	57.24 1.71 -0.36	54.21 1.41 -0.48	52.94 1.43 -0.50	48.91 1.19 -0.33	45.37 0.75 -0.24	43.82 0.60 -0.16	42.98 0.47 -0.16	43.99 0.61 -0.10	49.65 0.49 -0.07	59.53 0.47 0.00	68.40 0.48 -0.19	67.28 0.99 -0.20	51.84 0.77 -0.02	44.23 0.87 -0.03	38.06 0.56 -0.02	35.21 0.52 -0.07
HARDSCRABBLE_WT_PWR 323673	32.96 0.29 0.00	30.97 0.28 0.00	30.20 0.27 0.00	30.02 0.30 0.00	30.02 0.33 0.00	34.93 0.45 0.00	44.91 0.93 0.00	55.66 1.25 0.00	56.54 1.38 0.00	53.62 1.31 0.00	52.34 1.32 0.00	48.43 1.04 0.00	45.17 0.80 0.00	43.66 0.60 0.00	42.86 0.51 0.00	43.67 0.39 0.00	49.58 0.49 0.00	59.59 0.53 0.00	68.41 0.68 0.00	66.89 0.80 0.00	51.67 0.61 0.00	43.90 0.56 0.00	37.97 0.49 0.00	35.06 0.45 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	34.76 2.09 0.00	32.57 1.87 0.00	31.61 1.68 0.00	31.30 1.58 0.00	31.27 1.57 0.00	36.34 1.86 0.00	46.28 2.29 0.00	57.74 3.26 -0.07	58.30 3.03 -0.10	55.19 2.88 0.00	54.08 2.81 -0.26	50.09 2.65 -0.04	47.00 2.62 0.00	45.68 2.63 0.00	44.94 2.58 0.00	45.93 2.64 0.00	52.13 3.04 0.00	62.90 3.84 0.00	72.47 4.74 0.00	70.93 4.56 -0.28	54.22 3.17 0.00	45.85 2.51 0.00	39.85 2.36 0.00	36.59 1.97 0.00
HARSNRAD_115KV_TB1 81005	31.72 -0.95 0.00	29.93 -0.77 0.00	29.45 -0.48 0.00	29.28 -0.45 0.00	28.98 -0.71 0.00	33.24 -1.24 0.00	41.70 -2.29 0.00	50.11 -4.30 0.00	50.70 -4.47 0.00	48.55 -3.77 0.00	47.34 -3.67 0.00	44.22 -3.18 0.00	41.49 -2.88 0.00	39.96 -3.10 0.00	39.52 -2.84 0.00	40.51 -2.77 0.00	45.01 -4.07 0.00	53.98 -5.08 0.00	62.78 -4.94 0.00	61.33 -4.76 0.00	48.76 -2.30 0.00	42.43 -0.91 0.00	36.59 -0.90 0.00	34.02 -0.59 0.00
HARZA MOOSE___RIVER 24016	33.00 0.26 -0.07	30.99 0.21 -0.08	30.23 0.24 -0.06	30.04 0.27 -0.05	29.98 0.24 -0.05	35.14 0.59 -0.08	45.31 1.28 -0.05	56.32 1.80 -0.12	57.33 1.93 -0.24	54.30 1.67 -0.31	52.87 1.53 -0.33	48.84 1.23 -0.21	45.28 0.75 -0.15	43.76 0.60 -0.10	43.01 0.55 -0.10	43.91 0.56 -0.06	49.77 0.64 -0.05	59.82 0.77 0.00	68.94 1.08 -0.13	67.68 1.45 -0.13	52.14 1.07 -0.01	44.22 0.87 -0.02	38.10 0.60 -0.01	35.11 0.45 -0.05
HDSNBRDG_115KV_BRDG_TB1 355580	32.14 -0.52 0.00	30.20 -0.49 0.00	29.51 -0.42 0.00	29.31 -0.42 0.00	29.22 -0.48 0.00	33.96 -0.52 0.00	43.42 -0.57 0.00	53.75 -0.65 0.00	54.50 -0.66 0.00	51.74 -0.58 0.00	50.45 -0.56 0.00	46.87 -0.52 0.00	43.89 -0.49 0.00	42.58 -0.47 0.00	41.89 -0.47 0.00	42.72 -0.56 0.00	48.35 -0.74 0.00	58.17 -0.89 0.00	66.92 -0.81 0.00	65.30 -0.79 0.00	50.54 -0.51 0.00	42.95 -0.39 0.00	37.07 -0.41 0.00	34.16 -0.45 0.00
HELLGATE_13_KV_LD 55870	35.39 2.71 -0.01	33.10 2.39 -0.01	32.09 2.16 -0.01	31.75 2.02 -0.01	31.75 2.05 -0.01	36.97 2.48 -0.01	46.98 2.99 0.00	58.46 3.97 -0.08	58.93 3.64 -0.12	55.71 3.40 0.00	54.78 3.47 -0.30	50.77 3.27 -0.11	47.67 3.28 -0.01	46.43 3.36 -0.01	45.66 3.30 -0.01	46.66 3.38 -0.01	52.77 3.68 -0.01	63.67 4.61 -0.01	73.29 5.55 -0.01	71.64 5.22 -0.33	54.69 3.62 -0.01	46.46 3.12 0.00	40.57 3.07 -0.01	37.22 2.60 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	35.39 2.71 -0.01	33.10 2.39 -0.01	32.09 2.16 -0.01	31.75 2.02 -0.01	31.75 2.05 -0.01	36.97 2.48 -0.01	46.98 2.99 0.00	58.46 3.97 -0.08	58.93 3.64 -0.12	55.71 3.40 0.00	54.78 3.47 -0.30	50.77 3.27 -0.11	47.67 3.28 -0.01	46.43 3.36 -0.01	45.66 3.30 -0.01	46.66 3.38 -0.01	52.77 3.68 -0.01	63.67 4.61 -0.01	73.29 5.55 -0.01	71.64 5.22 -0.33	54.69 3.62 -0.01	46.46 3.12 0.00	40.57 3.07 -0.01	37.22 2.60 -0.01
HEMPSTEAD____ 23647	34.76 2.09 0.00	32.38 1.69 0.00	31.43 1.50 0.00	31.09 1.37 0.00	31.15 1.45 0.00	36.27 1.79 0.00	45.22 1.58 0.35	56.86 2.45 -0.01	56.96 2.21 0.42	53.71 2.09 0.69	53.70 2.40 -0.29	49.02 2.23 0.61	46.59 2.26 0.05	45.11 2.07 0.01	44.89 2.54 0.00	45.79 2.51 0.00	51.82 2.75 0.01	62.59 3.54 0.00	72.26 4.54 0.00	70.57 4.17 -0.31	53.50 2.45 0.01	45.24 1.90 0.01	39.73 2.25 0.00	36.48 1.87 0.00
HICKLING___1 23621	32.54 -0.13 0.00	30.63 -0.06 0.00	30.05 0.12 0.00	29.81 0.09 0.00	29.64 -0.06 0.00	34.24 -0.24 0.00	43.59 -0.40 0.00	53.64 -0.76 0.00	54.12 -1.05 0.00	51.27 -1.05 0.00	49.79 -1.22 0.00	46.26 -1.14 0.00	43.35 -1.02 0.00	41.98 -1.08 0.00	41.34 -1.02 0.00	42.20 -1.08 0.00	47.76 -1.33 0.00	57.70 -1.36 0.00	67.19 -0.54 0.00	65.76 -0.33 0.00	51.21 0.15 0.00	43.68 0.35 0.00	37.71 0.22 0.00	34.75 0.14 0.00
HICKLING___2 23622	32.54 -0.13 0.00	30.63 -0.06 0.00	30.05 0.12 0.00	29.81 0.09 0.00	29.64 -0.06 0.00	34.24 -0.24 0.00	43.59 -0.40 0.00	53.64 -0.76 0.00	54.12 -1.05 0.00	51.27 -1.05 0.00	49.79 -1.22 0.00	46.26 -1.14 0.00	43.35 -1.02 0.00	41.98 -1.08 0.00	41.34 -1.02 0.00	42.20 -1.08 0.00	47.76 -1.33 0.00	57.70 -1.36 0.00	67.19 -0.54 0.00	65.76 -0.33 0.00	51.21 0.15 0.00	43.68 0.35 0.00	37.71 0.22 0.00	34.75 0.14 0.00
HIGH FALLS___HY 23754	34.95 2.29 0.00	32.72 2.03 0.00	31.79 1.86 0.00	31.45 1.72 0.00	31.39 1.69 0.00	36.48 2.00 0.00	46.58 2.60 0.00	58.15 3.70 -0.05	58.65 3.42 -0.07	55.61 3.30 0.00	54.30 3.11 -0.17	50.29 2.89 0.00	47.22 2.84 0.00	45.94 2.88 0.00	45.19 2.84 0.00	46.18 2.90 0.00	52.42 3.34 0.00	63.37 4.31 0.00	73.15 5.42 0.00	71.50 5.22 -0.19	54.73 3.68 0.00	46.24 2.90 0.00	40.11 2.62 0.00	36.83 2.22 0.00
HIGH_RIVER___SOLAR 323847	34.01 1.34 0.00	31.89 1.20 0.00	31.13 1.20 0.00	30.85 1.13 0.00	30.82 1.13 0.00	35.89 1.41 0.00	45.88 1.89 0.00	56.87 2.50 0.04	57.04 1.93 0.05	53.41 1.10 0.00	51.68 0.81 0.14	47.87 0.47 0.00	44.86 0.49 0.00	43.53 0.47 0.00	42.90 0.55 0.00	44.10 0.82 0.00	50.59 1.42 -0.08	62.43 2.36 -1.01	70.64 2.91 0.00	68.77 2.84 0.16	53.10 2.04 0.00	45.11 1.78 0.00	38.95 1.46 0.00	35.89 1.28 0.00
HILLBURN___GT 23639	34.76 2.09 0.00	32.53 1.84 0.00	31.61 1.68 0.00	31.27 1.54 0.00	31.27 1.57 0.00	36.38 1.90 0.00	46.27 2.29 0.00	57.74 3.26 -0.07	58.25 2.98 -0.11	55.08 2.77 0.00	54.04 2.75 -0.27	50.09 2.65 -0.04	46.95 2.57 0.00	45.64 2.58 0.00	44.98 2.63 0.00	45.93 2.64 0.00	52.08 2.99 0.00	62.78 3.72 0.00	72.34 4.61 0.00	70.81 4.43 -0.29	54.12 3.06 0.00	45.81 2.47 0.00	39.85 2.36 0.00	36.55 1.94 0.00
HILLSIDE_115KV_TB1 80332	32.27 -0.39 0.00	30.42 -0.28 0.00	29.81 -0.12 0.00	29.54 -0.18 0.00	29.40 -0.30 0.00	33.96 -0.52 0.00	43.20 -0.79 0.00	53.05 -1.36 0.00	53.46 -1.71 0.00	50.59 -1.73 0.00	49.18 -1.84 0.00	45.74 -1.66 0.00	42.87 -1.51 0.00	41.51 -1.55 0.00	40.91 -1.44 0.00	41.81 -1.47 0.00	47.27 -1.82 0.00	57.11 -1.95 0.00	66.31 -1.42 0.00	64.97 -1.12 0.00	50.60 -0.46 0.00	43.16 -0.17 0.00	37.30 -0.19 0.00	34.37 -0.24 0.00

HISHELDN_WT_PWR 323625	31.75 -0.91 0.00	30.02 -0.68 0.00	29.51 -0.42 0.00	29.16 -0.57 0.00	28.86 -0.83 0.00	33.03 -1.45 0.00	41.57 -2.42 0.00	50.11 -4.30 0.00	50.64 -4.52 0.00	48.39 -3.92 0.00	47.13 -3.88 0.00	44.03 -3.36 0.00	41.31 -3.06 0.00	39.87 -3.19 0.00	39.39 -2.97 0.00	40.38 -2.90 0.00	45.01 -4.07 0.00	54.16 -4.90 0.00	63.12 -4.61 0.00	61.73 -4.36 0.00	49.06 -1.99 0.00	42.60 -0.74 0.00	36.81 -0.67 0.00	34.20 -0.41 0.00
HOLTSVILLE_IC_1 23690	34.59 1.93 0.00	32.17 1.47 0.00	31.22 1.29 0.00	30.88 1.16 0.00	30.94 1.25 0.00	36.10 1.62 0.00	44.15 0.88 0.71	55.86 1.52 0.06	55.46 1.27 0.98	52.02 1.15 1.44	52.88 1.58 -0.28	47.54 1.38 1.23	45.84 1.55 0.09	44.42 1.38 0.01	44.42 2.07 0.00	45.27 1.99 0.00	51.09 2.01 0.01	61.83 2.78 0.00	71.45 3.72 0.00	69.71 3.30 -0.31	52.68 1.63 0.01	44.72 1.39 0.01	39.51 2.02 0.00	36.45 1.83 0.00
HOLTSVILLE_IC_10 23699	34.76 2.09 0.00	32.29 1.60 0.00	31.34 1.41 0.00	31.00 1.28 0.00	31.09 1.40 0.00	36.24 1.76 0.00	44.34 1.05 0.71	56.08 1.74 0.06	55.69 1.49 0.96	52.25 1.36 1.42	53.13 1.83 -0.28	47.74 1.56 1.21	46.06 1.78 0.09	44.64 1.59 0.01	44.63 2.29 0.00	45.48 2.21 0.00	51.33 2.26 0.01	62.12 3.07 0.00	71.79 4.06 0.00	70.10 3.70 -0.31	52.98 1.94 0.01	44.93 1.60 0.01	39.70 2.21 0.00	36.58 1.97 0.00
HOLTSVILLE_IC_2 23691	34.59 1.93 0.00	32.17 1.47 0.00	31.22 1.29 0.00	30.88 1.16 0.00	30.94 1.25 0.00	36.10 1.62 0.00	44.15 0.88 0.71	55.86 1.52 0.06	55.46 1.27 0.98	52.02 1.15 1.44	52.88 1.58 -0.28	47.54 1.38 1.23	45.84 1.55 0.09	44.42 1.38 0.01	44.42 2.07 0.00	45.27 1.99 0.00	51.09 2.01 0.01	61.83 2.78 0.00	71.45 3.72 0.00	69.71 3.30 -0.31	52.68 1.63 0.01	44.72 1.39 0.01	39.51 2.02 0.00	36.45 1.83 0.00
HOLTSVILLE_IC_3 23692	34.59 1.93 0.00	32.17 1.47 0.00	31.22 1.29 0.00	30.88 1.16 0.00	30.94 1.25 0.00	36.10 1.62 0.00	44.15 0.88 0.71	55.86 1.52 0.06	55.46 1.27 0.98	52.02 1.15 1.44	52.88 1.58 -0.28	47.54 1.38 1.23	45.84 1.55 0.09	44.42 1.38 0.01	44.42 2.07 0.00	45.27 1.99 0.00	51.09 2.01 0.01	61.83 2.78 0.00	71.45 3.72 0.00	69.71 3.30 -0.31	52.68 1.63 0.01	44.72 1.39 0.01	39.51 2.02 0.00	36.45 1.83 0.00
HOLTSVILLE_IC_4 23693	34.59 1.93 0.00	32.17 1.47 0.00	31.22 1.29 0.00	30.88 1.16 0.00	30.94 1.25 0.00	36.10 1.62 0.00	44.15 0.88 0.71	55.86 1.52 0.06	55.46 1.27 0.98	52.02 1.15 1.44	52.88 1.58 -0.28	47.54 1.38 1.23	45.84 1.55 0.09	44.42 1.38 0.01	44.42 2.07 0.00	45.27 1.99 0.00	51.09 2.01 0.01	61.83 2.78 0.00	71.45 3.72 0.00	69.71 3.30 -0.31	52.68 1.63 0.01	44.72 1.39 0.01	39.51 2.02 0.00	36.45 1.83 0.00
HOLTSVILLE_IC_5 23694	34.59 1.93 0.00	32.17 1.47 0.00	31.22 1.29 0.00	30.88 1.16 0.00	30.94 1.25 0.00	36.10 1.62 0.00	44.15 0.88 0.71	55.86 1.52 0.06	55.46 1.27 0.98	52.02 1.15 1.44	52.88 1.58 -0.28	47.54 1.38 1.23	45.84 1.55 0.09	44.42 1.38 0.01	44.42 2.07 0.00	45.27 1.99 0.00	51.09 2.01 0.01	61.83 2.78 0.00	71.45 3.72 0.00	69.71 3.30 -0.31	52.68 1.63 0.01	44.72 1.39 0.01	39.51 2.02 0.00	36.45 1.83 0.00
HOLTSVILLE_IC_6 23695	34.76 2.09 0.00	32.29 1.60 0.00	31.34 1.41 0.00	31.00 1.28 0.00	31.09 1.40 0.00	36.24 1.76 0.00	44.34 1.05 0.71	56.08 1.74 0.06	55.69 1.49 0.96	52.25 1.36 1.42	53.13 1.83 -0.28	47.74 1.56 1.21	46.06 1.78 0.09	44.64 1.59 0.01	44.63 2.29 0.00	45.48 2.21 0.00	51.33 2.26 0.01	62.12 3.07 0.00	71.79 4.06 0.00	70.10 3.70 -0.31	52.98 1.94 0.01	44.93 1.60 0.01	39.70 2.21 0.00	36.58 1.97 0.00
HOLTSVILLE_IC_7 23696	34.76 2.09 0.00	32.29 1.60 0.00	31.34 1.41 0.00	31.00 1.28 0.00	31.09 1.40 0.00	36.24 1.76 0.00	44.34 1.05 0.71	56.08 1.74 0.06	55.69 1.49 0.96	52.25 1.36 1.42	53.13 1.83 -0.28	47.74 1.56 1.21	46.06 1.78 0.09	44.64 1.59 0.01	44.63 2.29 0.00	45.48 2.21 0.00	51.33 2.26 0.01	62.12 3.07 0.00	71.79 4.06 0.00	70.10 3.70 -0.31	52.98 1.94 0.01	44.93 1.60 0.01	39.70 2.21 0.00	36.58 1.97 0.00
HOLTSVILLE_IC_8 23697	34.76 2.09 0.00	32.29 1.60 0.00	31.34 1.41 0.00	31.00 1.28 0.00	31.09 1.40 0.00	36.24 1.76 0.00	44.34 1.05 0.71	56.08 1.74 0.06	55.69 1.49 0.96	52.25 1.36 1.42	53.13 1.83 -0.28	47.74 1.56 1.21	46.06 1.78 0.09	44.64 1.59 0.01	44.63 2.29 0.00	45.48 2.21 0.00	51.33 2.26 0.01	62.12 3.07 0.00	71.79 4.06 0.00	70.10 3.70 -0.31	52.98 1.94 0.01	44.93 1.60 0.01	39.70 2.21 0.00	36.58 1.97 0.00
HOLTSVILLE_IC_9 23698	34.76 2.09 0.00	32.29 1.60 0.00	31.34 1.41 0.00	31.00 1.28 0.00	31.09 1.40 0.00	36.24 1.76 0.00	44.34 1.05 0.71	56.08 1.74 0.06	55.69 1.49 0.96	52.25 1.36 1.42	53.13 1.83 -0.28	47.74 1.56 1.21	46.06 1.78 0.09	44.64 1.59 0.01	44.63 2.29 0.00	45.48 2.21 0.00	51.33 2.26 0.01	62.12 3.07 0.00	71.79 4.06 0.00	70.10 3.70 -0.31	52.98 1.94 0.01	44.93 1.60 0.01	39.70 2.21 0.00	36.58 1.97 0.00
HOMER_HL_115KV_TB2 355744	31.62 -1.05 0.00	29.83 -0.86 0.00	29.30 -0.63 0.00	28.98 -0.74 0.00	28.74 -0.95 0.00	32.96 -1.52 0.00	41.83 -2.16 0.00	51.14 -3.26 0.00	51.36 -3.81 0.00	48.65 -3.66 0.00	47.24 -3.78 0.00	44.03 -3.36 0.00	41.36 -3.02 0.00	39.87 -3.19 0.00	39.39 -2.96 0.00	40.47 -2.81 0.00	45.40 -3.68 0.00	54.92 -4.13 0.00	64.14 -3.59 0.00	63.12 -2.97 0.00	49.47 -1.58 0.00	42.56 -0.78 0.00	36.85 -0.64 0.00	34.02 -0.59 0.00
HOWARD_WT_PWR 323690	31.95 -0.72 0.00	30.23 -0.46 0.00	29.72 -0.21 0.00	29.37 -0.36 0.00	28.98 -0.71 0.00	33.27 -1.21 0.00	42.01 -1.98 0.00	51.63 -2.77 0.00	52.02 -3.14 0.00	49.02 -3.29 0.00	47.44 -3.57 0.00	43.94 -3.46 0.00	41.09 -3.28 0.00	39.83 -3.23 0.00	39.35 -3.01 0.00	39.95 -3.33 0.00	45.45 -3.63 0.00	55.39 -3.66 0.00	65.09 -2.64 0.00	64.04 -2.05 0.00	50.03 -1.02 0.00	42.77 -0.56 0.00	37.00 -0.49 0.00	34.20 -0.41 0.00
HQ_GEN_CEDARS 23644	32.90 0.23 0.00	30.97 0.28 0.00	30.17 0.24 0.00	30.05 0.33 0.00	30.02 0.33 0.00	34.76 0.28 0.00	44.60 0.62 0.00	55.00 0.60 0.00	56.05 0.88 0.00	53.05 0.73 0.00	51.73 0.71 0.00	48.15 0.76 0.00	44.95 0.58 0.00	43.62 0.56 0.00	42.78 0.42 0.00	43.85 0.56 0.00	49.72 0.64 0.00	59.77 0.71 0.00	68.20 0.47 0.00	66.75 0.66 0.00	51.46 0.41 0.00	43.68 0.35 0.00	37.75 0.26 0.00	34.96 0.35 0.00
HQ_GEN_CEDARS_PROXY 323590	32.90 0.23 0.00	30.97 0.28 0.00	30.17 0.24 0.00	30.05 0.33 0.00	30.02 0.33 0.00	34.75 0.27 0.00	44.60 0.62 0.00	55.00 0.60 0.00	56.05 0.88 0.00	53.05 0.73 0.00	51.73 0.71 0.00	48.15 0.76 0.00	44.95 0.58 0.00	43.61 0.56 0.00	42.73 0.38 0.00	43.84 0.56 0.00	49.72 0.64 0.00	59.77 0.71 0.00	68.21 0.48 0.00	66.75 0.66 0.00	51.46 0.41 0.00	43.68 0.35 0.00	37.75 0.26 0.00	34.96 0.35 0.00

HQ_GEN_IMPORT 323601	32.67 0.00 0.00	30.69 0.00 0.00	29.93 0.00 0.00	29.75 0.03 0.00	29.72 0.03 0.00	34.48 0.00 0.00	44.08 0.09 0.00	54.46 0.05 0.00	55.33 0.17 0.00	52.47 0.16 0.00	51.17 0.15 0.00	47.58 0.19 0.00	44.51 0.13 0.00	43.19 0.13 0.00	42.44 0.08 0.00	43.41 0.13 0.00	49.28 0.20 0.00	59.23 0.18 0.00	67.86 0.14 0.00	66.22 0.13 0.00	51.11 0.05 0.00	43.34 0.00 0.00	37.49 0.00 0.00	34.65 0.03 0.00
HQ_GEN_WHEEL 23651	32.67 0.00 0.00	30.69 0.00 0.00	29.93 0.00 0.00	29.75 0.03 0.00	29.72 0.03 0.00	34.48 0.00 0.00	44.08 0.09 0.00	54.46 0.05 0.00	55.33 0.17 0.00	52.47 0.16 0.00	51.17 0.15 0.00	47.58 0.19 0.00	44.51 0.13 0.00	43.19 0.13 0.00	42.44 0.08 0.00	43.41 0.13 0.00	49.28 0.20 0.00	59.23 0.18 0.00	67.86 0.14 0.00	66.22 0.13 0.00	51.11 0.05 0.00	43.34 0.00 0.00	37.49 0.00 0.00	34.65 0.03 0.00
HUDSON AVE_GT_3 23810	35.12 2.45 0.00	32.84 2.15 0.00	31.88 1.95 0.00	31.51 1.78 0.00	31.54 1.84 0.00	36.72 2.24 0.00	46.67 2.68 0.00	58.30 3.81 -0.08	58.87 3.59 -0.12	55.71 3.40 0.00	54.73 3.42 -0.30	50.76 3.27 -0.10	47.58 3.20 -0.01	46.30 3.23 -0.01	45.54 3.18 0.00	46.53 3.25 0.00	52.72 3.63 -0.01	63.55 4.49 0.00	73.15 5.42 0.00	71.57 5.16 -0.32	54.69 3.62 -0.01	46.24 2.90 0.00	40.26 2.77 0.00	36.97 2.35 0.00
HUDSON AVE_GT_4 23540	35.12 2.45 0.00	32.84 2.15 0.00	31.88 1.95 0.00	31.51 1.78 0.00	31.54 1.84 0.00	36.72 2.24 0.00	46.67 2.68 0.00	58.30 3.81 -0.08	58.87 3.59 -0.12	55.71 3.40 0.00	54.73 3.42 -0.30	50.76 3.27 -0.10	47.58 3.20 -0.01	46.30 3.23 -0.01	45.54 3.18 0.00	46.53 3.25 0.00	52.72 3.63 -0.01	63.55 4.49 0.00	73.15 5.42 0.00	71.57 5.16 -0.32	54.69 3.62 -0.01	46.24 2.90 0.00	40.26 2.77 0.00	36.97 2.35 0.00
HUDSON AVE_GT_5 23657	35.12 2.45 0.00	32.84 2.15 0.00	31.88 1.95 0.00	31.51 1.78 0.00	31.54 1.84 0.00	36.72 2.24 0.00	46.67 2.68 0.00	58.30 3.81 -0.08	58.87 3.59 -0.12	55.71 3.40 0.00	54.73 3.42 -0.30	50.76 3.27 -0.10	47.58 3.20 -0.01	46.30 3.23 -0.01	45.54 3.18 0.00	46.53 3.25 0.00	52.72 3.63 -0.01	63.55 4.49 0.00	73.15 5.42 0.00	71.57 5.16 -0.32	54.69 3.62 -0.01	46.24 2.90 0.00	40.26 2.77 0.00	36.97 2.35 0.00
HUDSON_AVE_10 24168	35.08 2.42 0.00	32.81 2.12 0.00	31.82 1.89 0.00	31.45 1.72 0.00	31.48 1.78 0.00	36.69 2.21 0.00	46.67 2.68 0.00	58.30 3.81 -0.08	58.87 3.59 -0.12	55.71 3.40 0.00	54.78 3.47 -0.30	50.76 3.27 -0.10	47.58 3.20 -0.01	46.30 3.23 -0.01	45.58 3.22 0.00	46.53 3.25 0.00	52.77 3.68 -0.01	63.61 4.55 0.00	73.22 5.49 0.00	71.64 5.22 -0.32	54.74 3.68 -0.01	46.24 2.90 0.00	40.30 2.81 0.00	36.97 2.35 0.00
HUDSON___115KV_TB 4 355613	33.81 1.14 0.00	31.80 1.10 0.00	30.92 0.99 0.00	30.67 0.95 0.00	31.21 1.51 0.00	36.31 1.83 0.00	46.23 2.24 0.00	57.87 3.48 0.02	58.23 3.09 0.03	54.62 2.30 0.00	53.24 2.30 0.07	48.86 1.47 0.00	45.75 1.38 0.00	44.48 1.42 0.00	43.84 1.48 0.00	45.01 1.73 0.00	50.20 1.42 0.30	56.94 1.89 4.01	69.69 1.96 0.00	68.20 2.18 0.07	52.33 1.28 0.00	44.38 1.04 0.00	38.54 1.05 0.00	35.62 1.00 0.00
HUNTER MOUNT___DRP 323613	33.88 1.21 0.00	31.83 1.14 0.00	30.95 1.02 0.00	30.73 1.01 0.00	31.03 1.34 0.00	36.03 1.55 0.00	45.92 1.94 0.00	57.49 3.10 0.01	57.96 2.81 0.02	54.35 2.04 0.00	53.06 2.09 0.05	48.63 1.23 0.00	45.57 1.20 0.00	44.26 1.21 0.00	43.58 1.23 0.00	44.71 1.43 0.00	50.42 1.62 0.29	57.52 2.24 3.78	69.90 2.17 0.00	68.62 2.58 0.05	52.43 1.38 0.00	44.46 1.13 0.00	38.54 1.05 0.00	35.65 1.04 0.00
HUNTINGTON_RES_REC 323705	34.66 1.99 0.00	32.23 1.53 0.00	31.25 1.32 0.00	30.91 1.19 0.00	31.00 1.31 0.00	36.14 1.66 0.00	44.21 0.93 0.70	55.92 1.58 0.06	55.53 1.32 0.96	52.11 1.20 1.41	52.93 1.63 -0.28	47.66 1.47 1.20	45.88 1.60 0.09	44.46 1.42 0.01	44.42 2.07 0.00	45.31 2.03 0.00	51.13 2.06 0.01	61.89 2.83 0.00	71.51 3.79 0.00	69.77 3.37 -0.31	52.73 1.68 0.01	44.72 1.39 0.01	39.58 2.10 0.00	36.41 1.80 0.00
HUNTLEY___63 23557	32.01 -0.65 0.00	30.20 -0.49 0.00	29.75 -0.18 0.00	29.34 -0.39 0.00	29.04 -0.65 0.00	33.51 -0.97 0.00	41.97 -2.02 0.00	50.43 -3.97 0.00	51.03 -4.14 0.00	48.91 -3.40 0.00	47.65 -3.37 0.00	44.50 -2.89 0.00	41.76 -2.62 0.00	40.21 -2.84 0.00	39.81 -2.54 0.00	40.82 -2.47 0.00	45.31 -3.78 0.00	54.39 -4.67 0.00	63.26 -4.47 0.00	61.86 -4.23 0.00	49.17 -1.89 0.00	42.73 -0.61 0.00	36.92 -0.56 0.00	34.34 -0.28 0.00
HUNTLEY___64 23558	32.01 -0.65 0.00	30.20 -0.49 0.00	29.75 -0.18 0.00	29.34 -0.39 0.00	29.04 -0.65 0.00	33.51 -0.97 0.00	41.97 -2.02 0.00	50.43 -3.97 0.00	51.03 -4.14 0.00	48.91 -3.40 0.00	47.65 -3.37 0.00	44.50 -2.89 0.00	41.76 -2.62 0.00	40.21 -2.84 0.00	39.81 -2.54 0.00	40.82 -2.47 0.00	45.31 -3.78 0.00	54.39 -4.67 0.00	63.26 -4.47 0.00	61.86 -4.23 0.00	49.17 -1.89 0.00	42.73 -0.61 0.00	36.92 -0.56 0.00	34.34 -0.28 0.00
HUNTLEY___65 23559	32.01 -0.65 0.00	30.20 -0.49 0.00	29.75 -0.18 0.00	29.34 -0.39 0.00	29.04 -0.65 0.00	33.51 -0.97 0.00	41.97 -2.02 0.00	50.43 -3.97 0.00	51.03 -4.14 0.00	48.91 -3.40 0.00	47.65 -3.37 0.00	44.50 -2.89 0.00	41.76 -2.62 0.00	40.21 -2.84 0.00	39.81 -2.54 0.00	40.82 -2.47 0.00	45.31 -3.78 0.00	54.39 -4.67 0.00	63.26 -4.47 0.00	61.86 -4.23 0.00	49.17 -1.89 0.00	42.73 -0.61 0.00	36.92 -0.56 0.00	34.34 -0.28 0.00
HUNTLEY___66 23560	32.01 -0.65 0.00	30.20 -0.49 0.00	29.75 -0.18 0.00	29.34 -0.39 0.00	29.04 -0.65 0.00	33.51 -0.97 0.00	41.97 -2.02 0.00	50.43 -3.97 0.00	51.03 -4.14 0.00	48.91 -3.40 0.00	47.65 -3.37 0.00	44.50 -2.89 0.00	41.76 -2.62 0.00	40.21 -2.84 0.00	39.81 -2.54 0.00	40.82 -2.47 0.00	45.31 -3.78 0.00	54.39 -4.67 0.00	63.26 -4.47 0.00	61.86 -4.23 0.00	49.17 -1.89 0.00	42.73 -0.61 0.00	36.92 -0.56 0.00	34.34 -0.28 0.00
HUNTLEY___67 23561	31.82 -0.85 0.00	30.02 -0.68 0.00	29.51 -0.42 0.00	29.16 -0.56 0.00	28.89 -0.80 0.00	33.27 -1.21 0.00	41.70 -2.29 0.00	50.27 -4.13 0.00	50.81 -4.36 0.00	48.65 -3.66 0.00	47.39 -3.62 0.00	44.27 -3.13 0.00	41.54 -2.84 0.00	40.04 -3.01 0.00	39.60 -2.75 0.00	40.60 -2.68 0.00	45.16 -3.93 0.00	54.21 -4.84 0.00	62.99 -4.74 0.00	61.60 -4.49 0.00	48.96 -2.09 0.00	42.51 -0.82 0.00	36.70 -0.79 0.00	34.13 -0.48 0.00
HUNTLEY___68 23562	31.82 -0.85 0.00	30.02 -0.68 0.00	29.51 -0.42 0.00	29.16 -0.56 0.00	28.89 -0.80 0.00	33.27 -1.21 0.00	41.70 -2.29 0.00	50.27 -4.13 0.00	50.81 -4.36 0.00	48.65 -3.66 0.00	47.39 -3.62 0.00	44.27 -3.13 0.00	41.54 -2.84 0.00	40.04 -3.01 0.00	39.60 -2.75 0.00	40.60 -2.68 0.00	45.16 -3.93 0.00	54.21 -4.84 0.00	62.99 -4.74 0.00	61.60 -4.49 0.00	48.96 -2.09 0.00	42.51 -0.82 0.00	36.70 -0.79 0.00	34.13 -0.48 0.00

HYLAND___LFGE 323620	33.35 0.69 0.00	31.49 0.80 0.00	31.01 1.08 0.00	30.58 0.86 0.00	30.35 0.65 0.00	35.21 0.73 0.00	45.00 1.01 0.00	55.39 0.98 0.00	55.83 0.66 0.00	52.26 -0.05 0.00	50.30 -0.71 0.00	46.45 -0.95 0.00	43.18 -1.20 0.00	42.07 -0.99 0.00	41.51 -0.85 0.00	42.59 -0.69 0.00	48.50 -0.59 0.00	59.06 0.00 0.00	69.69 1.97 0.00	68.27 2.18 0.00	53.25 2.19 0.00	45.29 1.95 0.00	38.87 1.39 0.00	35.75 1.14 0.00
INDECK___CORINTH 23802	33.78 1.11 0.00	31.70 1.01 0.00	30.89 0.96 0.00	30.64 0.92 0.00	30.62 0.92 0.00	35.48 1.00 0.00	45.22 1.23 0.00	56.09 1.74 0.06	56.63 1.54 0.08	53.78 1.46 0.00	52.13 1.32 0.21	48.39 1.00 0.00	45.26 0.89 0.00	43.87 0.82 0.00	43.25 0.89 0.00	44.23 0.95 0.00	50.78 1.33 -0.37	65.68 1.77 -4.86	69.76 2.03 0.00	67.71 1.85 0.23	52.33 1.28 0.00	44.37 1.04 0.00	38.35 0.86 0.00	35.44 0.83 0.00
INDECK___ILION 23567	32.93 0.26 0.00	30.94 0.25 0.00	30.20 0.27 0.00	29.99 0.27 0.00	29.96 0.27 0.00	34.86 0.38 0.00	44.65 0.66 0.00	55.28 0.87 0.00	56.05 0.88 0.00	53.15 0.84 0.00	51.88 0.87 0.00	48.10 0.71 0.00	44.95 0.58 0.00	43.53 0.47 0.00	42.78 0.42 0.00	43.67 0.39 0.00	49.53 0.44 0.00	59.59 0.53 0.00	68.34 0.61 0.00	66.82 0.73 0.00	51.62 0.56 0.00	43.81 0.48 0.00	37.90 0.41 0.00	34.99 0.38 0.00
INDECK___OLEAN 23982	31.62 -1.05 0.00	29.87 -0.83 0.00	29.36 -0.57 0.00	28.98 -0.74 0.00	28.74 -0.95 0.00	32.96 -1.52 0.00	41.79 -2.20 0.00	51.14 -3.26 0.00	51.41 -3.75 0.00	48.65 -3.66 0.00	47.24 -3.77 0.00	44.03 -3.36 0.00	41.36 -3.02 0.00	39.91 -3.14 0.00	39.47 -2.88 0.00	40.47 -2.81 0.00	45.40 -3.68 0.00	54.92 -4.14 0.00	64.14 -3.59 0.00	63.12 -2.97 0.00	49.47 -1.58 0.00	42.56 -0.78 0.00	36.85 -0.64 0.00	34.06 -0.56 0.00
INDECK___OSWEGO 23783	32.75 -0.85 -0.93	30.91 -0.77 -0.98	29.93 -0.72 -0.71	29.65 -0.71 -0.64	29.54 -0.77 -0.62	34.62 -0.83 -0.96	43.63 -0.97 -0.61	54.40 -1.58 -1.57	56.70 -1.71 -3.24	54.97 -1.62 -4.28	53.92 -1.58 -4.49	48.83 -1.52 -2.96	45.12 -1.38 -2.12	43.14 -1.34 -1.42	42.47 -1.31 -1.43	42.76 -1.39 -0.86	48.02 -1.72 -0.65	56.99 -2.07 0.00	67.20 -2.17 -1.64	65.73 -2.05 -1.69	49.72 -1.48 -0.15	42.77 -0.82 -0.26	36.79 -0.82 -0.13	34.44 -0.79 -0.62
INDECK___YERKES 23781	32.04 -0.62 0.00	30.33 -0.37 0.00	29.81 -0.12 0.00	29.37 -0.36 0.00	29.07 -0.63 0.00	33.52 -0.97 0.00	41.97 -2.02 0.00	50.49 -3.92 0.00	51.14 -4.02 0.00	48.96 -3.35 0.00	47.70 -3.32 0.00	44.55 -2.84 0.00	41.80 -2.57 0.00	40.34 -2.71 0.00	39.86 -2.50 0.00	40.86 -2.42 0.00	45.35 -3.73 0.00	54.45 -4.61 0.00	63.33 -4.40 0.00	61.93 -4.16 0.00	49.22 -1.84 0.00	42.77 -0.56 0.00	36.96 -0.52 0.00	34.37 -0.24 0.00
INDIAN POINT_GT_1 24139	34.72 2.06 0.00	32.50 1.81 0.00	31.58 1.65 0.00	31.24 1.52 0.00	31.27 1.57 0.00	36.34 1.86 0.00	46.19 2.20 0.00	57.64 3.16 -0.08	58.15 2.87 -0.12	54.98 2.67 0.00	53.96 2.65 -0.29	50.00 2.56 -0.05	46.91 2.53 -0.01	45.60 2.54 0.00	44.90 2.54 0.00	45.84 2.55 0.00	52.03 2.95 0.00	62.66 3.60 0.00	72.13 4.40 0.00	70.64 4.23 -0.32	53.97 2.91 0.00	45.68 2.34 0.00	39.77 2.29 0.00	36.55 1.94 0.00
INDIAN POINT_GT_2 23659	34.72 2.06 0.00	32.50 1.81 0.00	31.58 1.65 0.00	31.24 1.52 0.00	31.27 1.57 0.00	36.34 1.86 0.00	46.19 2.20 0.00	57.64 3.16 -0.08	58.15 2.87 -0.12	54.98 2.67 0.00	53.96 2.65 -0.29	50.00 2.56 -0.05	46.91 2.53 -0.01	45.60 2.54 0.00	44.90 2.54 0.00	45.84 2.55 0.00	52.03 2.95 0.00	62.66 3.60 0.00	72.13 4.40 0.00	70.64 4.23 -0.32	53.97 2.91 0.00	45.68 2.34 0.00	39.77 2.29 0.00	36.55 1.94 0.00
INDIAN POINT_GT_3 24019	34.72 2.06 0.00	32.50 1.81 0.00	31.58 1.65 0.00	31.24 1.52 0.00	31.27 1.57 0.00	36.34 1.86 0.00	46.19 2.20 0.00	57.64 3.16 -0.08	58.15 2.87 -0.12	54.98 2.67 0.00	53.96 2.65 -0.29	50.00 2.56 -0.05	46.91 2.53 -0.01	45.60 2.54 0.00	44.90 2.54 0.00	45.84 2.55 0.00	52.03 2.95 0.00	62.66 3.60 0.00	72.13 4.40 0.00	70.64 4.23 -0.32	53.97 2.91 0.00	45.68 2.34 0.00	39.77 2.29 0.00	36.55 1.94 0.00
INDIAN POINT___2 23530	34.69 2.03 0.00	32.50 1.81 0.00	31.55 1.62 0.00	31.24 1.51 0.00	31.24 1.54 0.00	36.34 1.86 0.00	46.19 2.20 0.00	57.58 3.10 -0.08	58.09 2.81 -0.11	54.93 2.61 0.00	53.95 2.65 -0.28	49.95 2.51 -0.05	46.86 2.48 -0.01	45.56 2.50 0.00	44.90 2.54 0.00	45.84 2.55 0.00	51.98 2.90 0.00	62.66 3.60 0.00	72.13 4.40 0.00	70.63 4.23 -0.31	53.97 2.91 0.00	45.72 2.38 0.00	39.77 2.29 0.00	36.51 1.90 0.00
INDIAN POINT___3 23531	34.69 2.03 0.00	32.50 1.81 0.00	31.55 1.62 0.00	31.21 1.49 0.00	31.24 1.54 0.00	36.31 1.83 0.00	46.14 2.16 0.00	57.53 3.05 -0.08	58.09 2.81 -0.12	54.93 2.62 0.00	53.91 2.60 -0.29	49.95 2.51 -0.04	46.82 2.44 -0.01	45.56 2.50 0.00	44.86 2.50 0.00	45.80 2.51 0.00	51.98 2.90 0.00	62.60 3.54 0.00	72.07 4.33 0.00	70.57 4.16 -0.32	53.92 2.86 0.00	45.63 2.30 0.00	39.74 2.25 0.00	36.52 1.90 0.00
INGHAM_C_115KV_TB7 356103	33.25 0.59 0.00	31.25 0.55 0.00	30.50 0.57 0.00	30.29 0.56 0.00	30.29 0.59 0.00	35.24 0.76 0.00	45.26 1.28 0.00	56.09 1.69 0.00	56.93 1.77 0.00	53.99 1.67 0.00	52.75 1.73 0.00	48.77 1.37 0.00	45.57 1.20 0.00	44.05 0.99 0.00	43.20 0.85 0.00	44.06 0.78 0.00	49.97 0.88 0.00	60.06 1.00 0.00	68.95 1.22 0.00	67.48 1.39 0.00	52.13 1.07 0.00	44.29 0.95 0.00	38.31 0.82 0.00	35.37 0.76 0.00
IP CORINTH___1 23988	33.94 1.27 0.00	31.86 1.17 0.00	31.07 1.14 0.00	30.79 1.07 0.00	30.76 1.07 0.00	35.69 1.21 0.00	45.48 1.50 0.00	56.42 2.07 0.06	56.96 1.88 0.08	54.09 1.78 0.00	52.44 1.63 0.21	48.67 1.28 0.00	45.53 1.15 0.00	44.13 1.08 0.00	43.46 1.10 0.00	44.45 1.17 0.00	51.02 1.57 -0.37	66.00 2.13 -4.81	70.17 2.44 0.00	68.11 2.25 0.23	52.64 1.58 0.00	44.59 1.26 0.00	38.57 1.09 0.00	35.65 1.04 0.00
IP___TICONDEROGA 23804	35.21 2.55 0.00	33.03 2.33 0.00	32.24 2.30 0.00	31.92 2.20 0.00	31.86 2.17 0.00	37.07 2.59 0.00	47.24 3.26 0.00	58.81 4.46 0.06	59.17 4.08 0.08	56.18 3.87 0.00	54.42 3.62 0.22	50.33 2.94 0.00	46.95 2.57 0.00	45.47 2.41 0.00	44.77 2.41 0.00	45.88 2.60 0.00	52.77 3.29 -0.40	68.73 4.43 -5.24	72.94 5.22 0.00	70.81 4.96 0.23	54.68 3.62 0.00	46.33 2.99 0.00	39.96 2.47 0.00	36.90 2.28 0.00
ISLIP_RES_REC 323679	34.86 2.19 0.00	32.41 1.72 0.00	31.43 1.50 0.00	31.09 1.37 0.00	31.18 1.48 0.00	36.38 1.90 0.00	44.48 1.19 0.70	56.30 1.96 0.06	55.92 1.71 0.95	52.47 1.57 1.41	53.39 2.09 -0.28	47.95 1.75 1.20	46.28 2.00 0.09	44.81 1.77 0.01	44.85 2.50 0.00	45.70 2.42 0.00	51.57 2.50 0.01	62.42 3.36 0.00	72.19 4.47 0.00	70.44 4.03 -0.31	53.24 2.19 0.01	45.15 1.82 0.01	39.85 2.36 0.00	36.72 2.11 0.00

JAMAICA__27_KV_LOAD 355505	35.25 2.58 0.00	32.96 2.27 0.00	31.94 2.01 0.00	31.54 1.81 0.00	31.57 1.87 0.00	36.83 2.34 0.00	46.89 2.90 0.00	58.68 4.19 -0.08	59.32 4.03 -0.12	56.08 3.77 0.00	55.04 3.72 -0.30	51.05 3.55 -0.10	47.80 3.42 -0.01	46.51 3.44 -0.01	45.79 3.43 0.00	46.79 3.51 0.00	53.07 3.98 -0.01	63.96 4.90 0.00	73.69 5.96 0.00	72.10 5.68 -0.32	55.09 4.03 -0.01	46.46 3.12 0.00	40.48 3.00 0.00	37.10 2.49 0.00
JANIS__SOLAR 323808	33.22 0.55 0.00	31.25 0.55 0.00	30.62 0.69 0.00	30.43 0.71 0.00	30.35 0.65 0.00	35.41 0.93 0.00	45.75 1.76 0.00	56.74 2.34 0.00	57.31 2.15 0.00	53.88 1.57 0.00	52.19 1.17 0.00	48.25 0.85 0.00	45.18 0.80 0.00	43.61 0.56 0.00	42.95 0.59 0.00	43.80 0.52 0.00	49.87 0.78 0.00	60.47 1.42 0.00	70.03 2.30 0.00	68.67 2.57 0.00	53.15 2.09 0.00	44.94 1.60 0.00	38.65 1.16 0.00	35.55 0.93 0.00
JARVIS____ 23743	32.76 0.10 0.00	30.79 0.09 0.00	30.02 0.09 0.00	29.81 0.09 0.00	29.78 0.09 0.00	34.62 0.14 0.00	44.17 0.18 0.00	54.68 0.27 0.00	55.39 0.22 0.00	52.52 0.21 0.00	51.17 0.15 0.00	47.54 0.14 0.00	44.51 0.13 0.00	43.19 0.13 0.00	42.48 0.13 0.00	43.37 0.09 0.00	49.23 0.15 0.00	59.23 0.18 0.00	67.93 0.20 0.00	66.29 0.20 0.00	51.21 0.15 0.00	43.47 0.13 0.00	37.60 0.11 0.00	34.72 0.10 0.00
JENNISON____1 23625	33.32 0.65 0.00	31.31 0.61 0.00	30.71 0.78 0.00	30.52 0.80 0.00	30.47 0.77 0.00	35.48 1.00 0.00	45.79 1.80 0.00	56.74 2.34 0.00	57.43 2.26 0.00	54.20 1.88 0.00	52.65 1.63 0.00	48.72 1.33 0.00	45.62 1.24 0.00	44.00 0.95 0.00	43.24 0.89 0.00	44.11 0.82 0.00	50.07 0.98 0.00	60.89 1.83 0.00	70.30 2.57 0.00	69.06 2.97 0.00	53.40 2.35 0.00	44.90 1.56 0.00	38.72 1.24 0.00	35.62 1.00 0.00
JENNISON____2 23626	33.32 0.65 0.00	31.31 0.61 0.00	30.71 0.78 0.00	30.52 0.80 0.00	30.47 0.77 0.00	35.48 1.00 0.00	45.79 1.80 0.00	56.74 2.34 0.00	57.43 2.26 0.00	54.20 1.88 0.00	52.65 1.63 0.00	48.72 1.33 0.00	45.62 1.24 0.00	44.00 0.95 0.00	43.24 0.89 0.00	44.11 0.82 0.00	50.07 0.98 0.00	60.89 1.83 0.00	70.30 2.57 0.00	69.06 2.97 0.00	53.40 2.35 0.00	44.90 1.56 0.00	38.72 1.24 0.00	35.62 1.00 0.00
JERICOHO_RISE_WT_PWR 323719	32.34 -0.33 0.00	30.42 -0.28 0.00	29.60 -0.33 0.00	29.45 -0.27 0.00	29.46 -0.24 0.00	34.14 -0.34 0.00	43.55 -0.44 0.00	53.81 -0.60 0.00	54.89 -0.27 0.00	52.05 -0.26 0.00	50.91 -0.10 0.00	47.39 0.00 0.00	44.29 -0.09 0.00	43.06 0.00 0.00	42.19 -0.17 0.00	43.28 0.00 0.00	49.18 0.10 0.00	59.12 0.06 0.00	67.39 -0.34 0.00	65.76 -0.33 0.00	50.59 -0.46 0.00	42.77 -0.56 0.00	37.00 -0.49 0.00	34.27 -0.35 0.00
KATONAH__115KV_46KV_TB4 355592	34.76 2.09 0.00	32.57 1.87 0.00	31.64 1.71 0.00	31.33 1.60 0.00	31.33 1.63 0.00	36.45 1.97 0.00	46.36 2.38 0.00	57.80 3.32 -0.08	58.26 2.98 -0.11	55.14 2.82 0.00	54.17 2.86 -0.30	50.10 2.70 0.00	47.04 2.66 0.00	45.77 2.71 0.00	45.02 2.67 0.00	46.01 2.73 0.00	52.13 3.04 0.00	62.78 3.72 0.00	72.20 4.47 0.00	70.71 4.30 -0.32	54.02 2.96 0.00	45.72 2.38 0.00	39.81 2.32 0.00	36.59 1.97 0.00
KCE_NY_1 323755	34.20 1.54 0.00	32.11 1.41 0.00	31.28 1.35 0.00	31.03 1.31 0.00	31.00 1.31 0.00	36.03 1.55 0.00	45.84 1.85 0.00	56.74 2.39 0.06	57.29 2.21 0.08	54.46 2.15 0.00	52.78 1.99 0.22	49.10 1.70 0.00	45.93 1.55 0.00	44.56 1.51 0.00	43.92 1.57 0.00	44.89 1.60 0.00	51.55 2.01 -0.45	67.54 2.60 -5.89	70.64 2.91 0.00	68.62 2.78 0.24	53.10 2.04 0.00	45.07 1.74 0.00	38.99 1.50 0.00	36.03 1.42 0.00
KCE_NY_6_ESR 323823	31.92 -0.75 0.00	30.17 -0.52 0.00	29.66 -0.27 0.00	29.28 -0.45 0.00	29.01 -0.68 0.00	33.34 -1.14 0.00	41.92 -2.07 0.00	50.60 -3.81 0.00	51.14 -4.02 0.00	48.81 -3.50 0.00	47.54 -3.47 0.00	44.41 -2.98 0.00	41.67 -2.71 0.00	40.21 -2.84 0.00	39.77 -2.59 0.00	40.77 -2.51 0.00	45.40 -3.68 0.00	54.57 -4.49 0.00	63.53 -4.20 0.00	62.26 -3.83 0.00	49.37 -1.68 0.00	42.82 -0.52 0.00	37.00 -0.49 0.00	34.37 -0.24 0.00
KEDC PORT_JEFF_GT2 24210	34.69 2.03 0.00	32.23 1.53 0.00	31.28 1.35 0.00	30.94 1.22 0.00	31.03 1.34 0.00	36.17 1.69 0.00	44.25 0.97 0.71	55.86 1.52 0.06	55.47 1.27 0.97	52.04 1.15 1.43	52.88 1.58 -0.28	47.60 1.42 1.22	45.93 1.64 0.09	44.51 1.46 0.01	44.55 2.20 0.00	45.36 2.08 0.00	51.09 2.01 0.01	61.89 2.83 0.00	71.51 3.79 0.00	69.77 3.37 -0.31	52.72 1.68 0.01	44.85 1.52 0.01	39.62 2.14 0.00	36.51 1.90 0.00
KEDC PORT_JEFF_GT3 24211	34.69 2.03 0.00	32.23 1.53 0.00	31.28 1.35 0.00	30.94 1.22 0.00	31.03 1.34 0.00	36.17 1.69 0.00	44.25 0.97 0.71	55.86 1.52 0.06	55.47 1.27 0.97	52.04 1.15 1.43	52.88 1.58 -0.28	47.60 1.42 1.22	45.93 1.64 0.09	44.51 1.46 0.01	44.55 2.20 0.00	45.36 2.08 0.00	51.09 2.01 0.01	61.89 2.83 0.00	71.51 3.79 0.00	69.77 3.37 -0.31	52.72 1.68 0.01	44.85 1.52 0.01	39.62 2.14 0.00	36.51 1.90 0.00
KEDC_GLWD_GT4 24219	34.95 2.29 0.00	32.60 1.90 0.00	31.64 1.71 0.00	31.33 1.60 0.00	31.36 1.66 0.00	36.51 2.03 0.00	45.87 2.11 0.23	57.53 3.10 -0.03	57.79 2.87 0.24	54.52 2.67 0.47	54.21 2.91 -0.29	49.71 2.75 0.43	47.09 2.75 0.04	45.63 2.58 0.01	45.27 2.92 0.00	46.18 2.90 0.00	52.27 3.19 0.01	63.07 4.02 0.00	72.74 5.01 0.00	71.10 4.69 -0.31	54.06 3.01 0.01	45.76 2.43 0.00	40.00 2.51 0.00	36.72 2.11 0.00
KEDC_GLWD_GT5 24220	34.95 2.29 0.00	32.60 1.90 0.00	31.64 1.71 0.00	31.33 1.60 0.00	31.36 1.66 0.00	36.51 2.03 0.00	45.87 2.11 0.23	57.53 3.10 -0.03	57.79 2.87 0.24	54.52 2.67 0.47	54.21 2.91 -0.29	49.71 2.75 0.43	47.09 2.75 0.04	45.63 2.58 0.01	45.27 2.92 0.00	46.18 2.90 0.00	52.27 3.19 0.01	63.07 4.02 0.00	72.74 5.01 0.00	71.10 4.69 -0.31	54.06 3.01 0.01	45.76 2.43 0.00	40.00 2.51 0.00	36.72 2.11 0.00
KENSICO____ 23655	34.79 2.12 0.00	32.57 1.87 0.00	31.64 1.71 0.00	31.30 1.58 0.00	31.33 1.63 0.00	36.41 1.93 0.00	46.28 2.29 0.00	57.75 3.26 -0.08	58.26 2.98 -0.12	55.09 2.77 0.00	54.12 2.81 -0.30	50.15 2.70 -0.05	47.00 2.62 -0.01	45.73 2.67 0.00	45.03 2.67 0.00	45.97 2.68 0.00	52.13 3.04 0.00	62.84 3.78 0.00	72.27 4.54 0.00	70.77 4.36 -0.32	54.07 3.01 0.00	45.76 2.43 0.00	39.85 2.36 0.00	36.62 2.01 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	34.86 2.19 0.00	32.63 1.93 0.00	31.73 1.80 0.00	31.39 1.66 0.00	31.33 1.63 0.00	36.41 1.93 0.00	46.45 2.46 0.00	57.99 3.54 -0.05	58.55 3.31 -0.07	55.45 3.14 0.00	54.16 2.96 -0.19	50.15 2.75 -0.01	47.08 2.71 0.00	45.77 2.71 0.00	45.02 2.67 0.00	46.05 2.77 0.00	52.32 3.24 0.00	63.19 4.13 0.00	72.88 5.15 0.00	71.32 5.02 -0.20	54.53 3.47 0.00	46.11 2.77 0.00	40.00 2.51 0.00	36.72 2.11 0.00

KIAC_JFK_GT1 23816	35.15 2.48 0.00	32.87 2.18 0.00	31.85 1.92 0.00	31.48 1.75 0.00	31.51 1.81 0.00	36.72 2.24 0.00	46.76 2.77 0.00	58.51 4.03 -0.08	59.15 3.86 -0.12	55.92 3.61 0.00	54.89 3.57 -0.30	50.90 3.41 -0.10	47.67 3.28 -0.01	46.38 3.32 -0.01	45.66 3.30 0.00	46.66 3.38 0.00	52.92 3.83 -0.01	63.79 4.72 0.00	73.49 5.76 0.00	71.83 5.42 -0.32	54.89 3.83 -0.01	46.33 2.99 0.00	40.37 2.89 0.00	37.00 2.39 0.00
KIAC_JFK_GT2 23817	35.15 2.48 0.00	32.87 2.18 0.00	31.85 1.92 0.00	31.48 1.75 0.00	31.51 1.81 0.00	36.72 2.24 0.00	46.76 2.77 0.00	58.51 4.03 -0.08	59.15 3.86 -0.12	55.92 3.61 0.00	54.89 3.57 -0.30	50.90 3.41 -0.10	47.67 3.28 -0.01	46.38 3.32 -0.01	45.66 3.30 0.00	46.66 3.38 0.00	52.92 3.83 -0.01	63.79 4.72 0.00	73.49 5.76 0.00	71.83 5.42 -0.32	54.89 3.83 -0.01	46.33 2.99 0.00	40.37 2.89 0.00	37.00 2.39 0.00
KIAC_JFK____ 323774	35.15 2.48 0.00	32.84 2.15 0.00	31.85 1.92 0.00	31.48 1.75 0.00	31.51 1.81 0.00	36.72 2.24 0.00	46.76 2.77 0.00	58.51 4.03 -0.08	59.09 3.80 -0.12	55.92 3.61 0.00	54.88 3.57 -0.30	50.91 3.41 -0.10	47.67 3.28 -0.01	46.38 3.32 -0.01	45.70 3.35 0.00	46.67 3.38 0.00	52.92 3.83 -0.01	63.79 4.73 0.00	73.49 5.75 0.00	71.84 5.42 -0.32	54.89 3.83 -0.01	46.32 2.99 0.00	40.41 2.93 0.00	37.00 2.39 0.00
KINTIGH__24_KV_GSU 356498	31.92 -0.75 0.00	30.17 -0.52 0.00	29.60 -0.33 0.00	29.22 -0.51 0.00	29.01 -0.68 0.00	33.52 -0.97 0.00	42.05 -1.93 0.00	50.87 -3.54 0.00	51.52 -3.64 0.00	49.28 -3.04 0.00	48.05 -2.96 0.00	44.83 -2.56 0.00	42.07 -2.31 0.00	40.65 -2.41 0.00	40.15 -2.20 0.00	41.03 -2.25 0.00	45.75 -3.34 0.00	54.86 -4.19 0.00	63.59 -4.13 0.00	62.06 -4.03 0.00	49.17 -1.89 0.00	42.60 -0.74 0.00	36.74 -0.75 0.00	34.13 -0.48 0.00
KINTIGH____ 23543	31.92 -0.75 0.00	30.11 -0.58 0.00	29.57 -0.36 0.00	29.22 -0.51 0.00	29.01 -0.68 0.00	33.51 -0.97 0.00	42.05 -1.94 0.00	50.87 -3.54 0.00	51.47 -3.70 0.00	49.28 -3.03 0.00	48.06 -2.96 0.00	44.88 -2.51 0.00	42.07 -2.31 0.00	40.60 -2.45 0.00	40.11 -2.24 0.00	41.03 -2.25 0.00	45.75 -3.34 0.00	54.86 -4.19 0.00	63.60 -4.13 0.00	62.06 -4.03 0.00	49.17 -1.89 0.00	42.60 -0.74 0.00	36.74 -0.75 0.00	34.09 -0.52 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	32.47 -0.20 0.00	30.54 -0.15 0.00	29.66 -0.27 0.00	29.57 -0.15 0.00	29.61 -0.09 0.00	34.20 -0.28 0.00	43.55 -0.44 0.00	53.64 -0.76 0.00	54.94 -0.22 0.00	52.16 -0.16 0.00	51.01 0.00 0.00	47.63 0.24 0.00	44.46 0.09 0.00	43.23 0.17 0.00	42.69 0.34 0.00	43.46 0.17 0.00	49.48 0.39 0.00	59.47 0.41 0.00	67.53 -0.20 0.00	66.09 0.00 0.00	50.65 -0.41 0.00	43.08 -0.26 0.00	37.04 -0.45 0.00	34.34 -0.28 0.00
LACHUTE____HYDRO 323717	35.22 2.55 0.00	33.02 2.33 0.00	32.24 2.30 0.00	31.92 2.20 0.00	31.86 2.17 0.00	37.07 2.59 0.00	47.24 3.26 0.00	58.81 4.46 0.06	59.17 4.08 0.08	56.18 3.87 0.00	54.42 3.62 0.22	50.33 2.94 0.00	46.95 2.57 0.00	45.47 2.41 0.00	44.77 2.41 0.00	45.88 2.60 0.00	52.78 3.29 -0.40	68.77 4.43 -5.29	72.94 5.22 0.00	70.82 4.96 0.23	54.68 3.63 0.00	46.32 2.99 0.00	39.96 2.47 0.00	36.90 2.28 0.00
LAWRNCALV_115KV_TB1 80681	32.99 0.33 0.00	31.06 0.37 0.00	30.26 0.33 0.00	30.17 0.45 0.00	30.11 0.42 0.00	34.89 0.41 0.00	45.00 1.01 0.00	55.38 0.98 0.00	56.43 1.27 0.00	53.31 0.99 0.00	52.19 1.17 0.00	48.48 1.09 0.00	45.17 0.80 0.00	43.79 0.73 0.00	42.95 0.59 0.00	44.02 0.74 0.00	49.82 0.74 0.00	59.71 0.65 0.00	68.13 0.41 0.00	66.82 0.73 0.00	51.67 0.61 0.00	43.99 0.65 0.00	37.94 0.45 0.00	35.13 0.52 0.00
LEDERLE____ 23769	34.82 2.16 0.00	32.63 1.93 0.00	31.70 1.77 0.00	31.36 1.63 0.00	31.36 1.66 0.00	36.51 2.03 0.00	46.50 2.51 0.00	58.02 3.54 -0.08	58.58 3.31 -0.11	55.45 3.14 0.00	54.35 3.06 -0.28	50.37 2.94 -0.04	47.26 2.88 -0.01	45.94 2.88 0.00	45.24 2.88 0.00	46.18 2.90 0.00	52.23 3.14 0.00	63.02 3.96 0.00	72.61 4.88 0.00	71.08 4.69 -0.30	54.27 3.22 0.00	45.94 2.60 0.00	39.96 2.47 0.00	36.65 2.04 0.00
LIGHTHSE_115KV_TB6 355974	32.80 -0.33 -0.46	30.87 -0.31 -0.48	30.01 -0.27 -0.35	29.77 -0.27 -0.31	29.70 -0.30 -0.30	34.75 -0.21 -0.47	44.25 -0.04 -0.30	55.12 -0.05 -0.77	56.74 0.06 -1.52	54.27 -0.05 -2.00	53.02 -0.10 -2.10	48.54 -0.24 -1.38	45.06 -0.31 -0.99	43.33 -0.39 -0.67	42.64 -0.38 -0.67	43.30 -0.39 -0.40	48.75 -0.64 -0.31	58.35 -0.71 0.00	67.99 -0.54 -0.80	66.59 -0.33 -0.83	50.98 -0.15 -0.07	43.55 0.09 -0.13	37.44 -0.11 -0.06	34.71 -0.21 -0.30
LINDEN COGEN____ 23786	34.95 2.29 0.00	32.66 1.97 0.00	31.70 1.77 0.00	31.33 1.60 0.00	31.36 1.66 0.00	36.51 2.03 0.00	46.41 2.42 0.00	58.02 3.53 -0.08	58.54 3.25 -0.12	55.40 3.09 0.00	54.43 3.11 -0.30	50.53 3.04 -0.10	47.31 2.93 -0.01	46.00 2.93 -0.01	45.32 2.96 0.00	46.27 2.98 0.00	52.47 3.38 -0.01	63.19 4.13 0.00	72.82 5.08 0.00	71.18 4.76 -0.32	54.38 3.32 -0.01	45.98 2.64 0.00	40.04 2.55 0.00	36.76 2.15 0.00
LINDHRST_69_KV_BK1 356055	35.15 2.48 0.00	32.72 2.03 0.00	31.73 1.80 0.00	31.39 1.66 0.00	31.45 1.75 0.00	36.65 2.17 0.00	45.09 1.67 0.57	56.98 2.61 0.04	56.67 2.26 0.76	53.26 2.09 1.15	54.00 2.70 -0.28	48.69 2.27 0.98	46.74 2.44 0.07	45.76 2.71 0.01	45.10 2.75 0.00	46.09 2.81 0.00	52.12 3.04 0.01	63.07 4.02 0.00	72.87 5.15 0.00	71.16 4.76 -0.32	53.90 2.86 0.01	45.54 2.21 0.01	40.30 2.81 0.00	36.97 2.35 0.00
LIPA_MISC_IPP 23656	34.56 1.89 0.00	32.14 1.44 0.00	31.16 1.23 0.00	30.82 1.10 0.00	30.91 1.22 0.00	36.03 1.55 0.00	44.11 0.84 0.71	55.87 1.52 0.06	55.46 1.27 0.98	51.98 1.10 1.44	52.83 1.53 -0.28	47.50 1.33 1.22	45.75 1.46 0.09	44.81 1.77 0.01	44.21 1.86 0.00	45.23 1.95 0.00	51.04 1.96 0.01	61.77 2.72 0.00	71.38 3.66 0.00	69.71 3.30 -0.32	52.68 1.63 0.01	44.63 1.30 0.01	39.55 2.06 0.00	36.41 1.80 0.00
LISF____SOLAR 323691	34.59 1.93 0.00	32.17 1.47 0.00	31.19 1.26 0.00	30.88 1.16 0.00	30.94 1.25 0.00	36.10 1.62 0.00	44.20 0.93 0.71	55.92 1.58 0.06	55.51 1.32 0.97	52.03 1.15 1.43	52.88 1.58 -0.28	47.55 1.38 1.22	45.79 1.51 0.09	44.38 1.34 0.01	44.38 2.03 0.00	45.27 1.99 0.00	51.09 2.01 0.01	61.89 2.83 0.00	71.58 3.86 0.00	69.84 3.43 -0.31	52.78 1.74 0.01	44.76 1.43 0.01	39.51 2.02 0.00	36.45 1.83 0.00
LITTLE FALLS____HYD 24013	33.25 0.59 0.00	31.25 0.55 0.00	30.50 0.57 0.00	30.29 0.56 0.00	30.29 0.59 0.00	35.24 0.76 0.00	45.26 1.28 0.00	56.09 1.69 0.00	56.93 1.77 0.00	53.99 1.67 0.00	52.75 1.73 0.00	48.77 1.37 0.00	45.57 1.20 0.00	44.05 0.99 0.00	43.20 0.85 0.00	44.06 0.78 0.00	49.97 0.88 0.00	60.06 1.00 0.00	68.95 1.22 0.00	67.48 1.39 0.00	52.13 1.07 0.00	44.29 0.95 0.00	38.31 0.82 0.00	35.37 0.76 0.00

LITTLRIV_115KV_TB1 356100	33.32 0.65 0.00	31.34 0.64 0.00	30.53 0.60 0.00	30.44 0.71 0.00	30.38 0.68 0.00	35.24 0.76 0.00	45.57 1.58 0.00	56.15 1.74 0.00	57.10 1.93 0.00	53.78 1.46 0.00	52.60 1.58 0.00	48.86 1.47 0.00	45.53 1.15 0.00	44.13 1.08 0.00	43.24 0.89 0.00	44.32 1.04 0.00	50.26 1.18 0.00	60.30 1.24 0.00	68.95 1.22 0.00	67.74 1.65 0.00	52.33 1.28 0.00	44.51 1.17 0.00	38.35 0.86 0.00	35.51 0.90 0.00
LI_NEWBRDGE___DRP 323616	34.59 1.93 0.00	32.23 1.53 0.00	31.28 1.35 0.00	30.94 1.22 0.00	31.00 1.31 0.00	36.10 1.62 0.00	44.54 1.32 0.76	56.45 2.12 0.07	55.99 1.88 1.05	52.50 1.73 1.54	53.34 2.04 -0.28	47.98 1.90 1.31	46.27 2.00 0.10	45.28 2.24 0.01	44.59 2.24 0.00	45.57 2.29 0.00	51.48 2.41 0.01	62.24 3.19 0.00	71.85 4.13 0.00	70.11 3.70 -0.32	53.08 2.04 0.01	44.89 1.56 0.01	39.62 2.14 0.00	36.38 1.77 0.00
LOCKPORT_115KV_TB60_63_64 80432	31.72 -0.95 0.00	29.93 -0.77 0.00	29.45 -0.48 0.00	29.28 -0.45 0.00	29.01 -0.68 0.00	33.24 -1.24 0.00	41.70 -2.29 0.00	50.11 -4.30 0.00	50.70 -4.47 0.00	48.60 -3.71 0.00	47.34 -3.67 0.00	44.27 -3.13 0.00	41.49 -2.88 0.00	39.96 -3.10 0.00	39.56 -2.80 0.00	40.51 -2.77 0.00	45.01 -4.07 0.00	54.04 -5.02 0.00	62.78 -4.94 0.00	61.33 -4.76 0.00	48.76 -2.30 0.00	42.43 -0.91 0.00	36.59 -0.90 0.00	34.02 -0.59 0.00
LOCKPORT___CC1 323769	31.72 -0.95 0.00	30.02 -0.68 0.00	29.51 -0.42 0.00	29.28 -0.45 0.00	28.98 -0.71 0.00	33.24 -1.24 0.00	41.70 -2.29 0.00	50.11 -4.30 0.00	50.75 -4.42 0.00	48.55 -3.77 0.00	47.34 -3.67 0.00	44.22 -3.17 0.00	41.49 -2.88 0.00	40.04 -3.02 0.00	39.56 -2.80 0.00	40.51 -2.77 0.00	45.01 -4.07 0.00	53.98 -5.08 0.00	62.79 -4.94 0.00	61.33 -4.76 0.00	48.76 -2.30 0.00	42.42 -0.91 0.00	36.59 -0.90 0.00	34.06 -0.56 0.00
LOCKPORT___CC2 323770	31.72 -0.95 0.00	30.02 -0.68 0.00	29.51 -0.42 0.00	29.28 -0.45 0.00	28.98 -0.71 0.00	33.24 -1.24 0.00	41.70 -2.29 0.00	50.11 -4.30 0.00	50.75 -4.42 0.00	48.55 -3.77 0.00	47.34 -3.67 0.00	44.22 -3.17 0.00	41.49 -2.88 0.00	40.04 -3.02 0.00	39.56 -2.80 0.00	40.51 -2.77 0.00	45.01 -4.07 0.00	53.98 -5.08 0.00	62.79 -4.94 0.00	61.33 -4.76 0.00	48.76 -2.30 0.00	42.42 -0.91 0.00	36.59 -0.90 0.00	34.06 -0.56 0.00
LOCKPORT___CC3 323771	31.72 -0.95 0.00	30.02 -0.68 0.00	29.51 -0.42 0.00	29.28 -0.45 0.00	28.98 -0.71 0.00	33.24 -1.24 0.00	41.70 -2.29 0.00	50.11 -4.30 0.00	50.75 -4.42 0.00	48.55 -3.77 0.00	47.34 -3.67 0.00	44.22 -3.17 0.00	41.49 -2.88 0.00	40.04 -3.02 0.00	39.56 -2.80 0.00	40.51 -2.77 0.00	45.01 -4.07 0.00	53.98 -5.08 0.00	62.79 -4.94 0.00	61.33 -4.76 0.00	48.76 -2.30 0.00	42.42 -0.91 0.00	36.59 -0.90 0.00	34.06 -0.56 0.00
LOCUSVLY_69_KV_BK2 55797	34.95 2.29 0.00	32.60 1.90 0.00	31.61 1.68 0.00	31.27 1.55 0.00	31.33 1.63 0.00	36.48 2.00 0.00	45.48 1.85 0.35	57.24 2.83 -0.01	57.38 2.65 0.43	54.06 2.46 0.71	54.06 2.75 -0.29	49.32 2.56 0.63	46.90 2.57 0.05	45.76 2.71 0.01	45.10 2.75 0.00	46.05 2.77 0.00	52.07 2.99 0.01	62.95 3.90 0.00	72.60 4.88 0.00	70.90 4.49 -0.32	53.85 2.81 0.01	45.50 2.17 0.00	40.03 2.55 0.00	36.76 2.15 0.00
LONG_LAKE_PHOENIX 24014	32.68 -0.69 -0.70	30.79 -0.64 -0.74	29.90 -0.57 -0.54	29.64 -0.56 -0.48	29.57 -0.59 -0.46	34.55 -0.66 -0.73	43.70 -0.75 -0.46	54.67 -0.92 -1.18	55.54 0.06 -0.32	52.84 0.10 -0.42	51.56 0.10 -0.44	47.73 0.05 -0.29	44.63 0.04 -0.21	43.24 0.04 -0.14	42.49 0.00 -0.14	43.32 -0.04 -0.08	49.00 -0.15 -0.06	57.82 -1.24 0.00	67.74 -1.22 -1.23	66.17 -1.19 -1.27	50.35 -0.82 -0.11	42.97 -0.56 -0.19	36.98 -0.60 -0.10	34.46 -0.62 -0.47
LOVETT___3 23632	34.69 2.03 0.00	32.50 1.81 0.00	31.55 1.62 0.00	31.21 1.49 0.00	31.24 1.54 0.00	36.31 1.83 0.00	46.19 2.20 0.00	57.64 3.16 -0.08	58.14 2.87 -0.11	54.98 2.67 0.00	53.95 2.65 -0.28	50.00 2.56 -0.04	46.91 2.53 -0.01	45.60 2.54 0.00	44.90 2.54 0.00	45.88 2.60 0.00	51.98 2.90 0.00	62.66 3.60 0.00	72.13 4.40 0.00	70.62 4.23 -0.30	53.97 2.91 0.00	45.68 2.34 0.00	39.77 2.29 0.00	36.52 1.90 0.00
LOVETT___4 23642	34.69 2.03 0.00	32.50 1.81 0.00	31.55 1.62 0.00	31.21 1.49 0.00	31.24 1.54 0.00	36.31 1.83 0.00	46.19 2.20 0.00	57.64 3.16 -0.08	58.14 2.87 -0.11	54.98 2.67 0.00	53.95 2.65 -0.28	50.00 2.56 -0.04	46.91 2.53 -0.01	45.60 2.54 0.00	44.90 2.54 0.00	45.88 2.60 0.00	51.98 2.90 0.00	62.66 3.60 0.00	72.13 4.40 0.00	70.62 4.23 -0.30	53.97 2.91 0.00	45.68 2.34 0.00	39.77 2.29 0.00	36.52 1.90 0.00
LOVETT___5 23593	34.69 2.03 0.00	32.50 1.81 0.00	31.55 1.62 0.00	31.21 1.49 0.00	31.24 1.54 0.00	36.31 1.83 0.00	46.19 2.20 0.00	57.64 3.16 -0.08	58.14 2.87 -0.11	54.98 2.67 0.00	53.95 2.65 -0.28	50.00 2.56 -0.04	46.91 2.53 -0.01	45.60 2.54 0.00	44.90 2.54 0.00	45.88 2.60 0.00	51.98 2.90 0.00	62.66 3.60 0.00	72.13 4.40 0.00	70.62 4.23 -0.30	53.97 2.91 0.00	45.68 2.34 0.00	39.77 2.29 0.00	36.52 1.90 0.00
LOWER RAQUET___HYD 24057	33.06 0.39 0.00	31.09 0.40 0.00	30.29 0.36 0.00	30.20 0.47 0.00	30.14 0.45 0.00	34.96 0.48 0.00	45.13 1.14 0.00	55.55 1.14 0.00	56.60 1.43 0.00	53.41 1.10 0.00	52.29 1.28 0.00	48.62 1.23 0.00	45.26 0.89 0.00	43.87 0.82 0.00	42.95 0.59 0.00	44.10 0.82 0.00	49.87 0.78 0.00	59.65 0.59 0.00	68.14 0.41 0.00	66.89 0.80 0.00	51.77 0.71 0.00	44.12 0.78 0.00	38.01 0.52 0.00	35.20 0.59 0.00
LOWER___HUDSON 24059	33.97 1.31 0.00	31.92 1.23 0.00	31.01 1.08 0.00	30.79 1.07 0.00	30.79 1.10 0.00	35.79 1.31 0.00	45.53 1.54 0.00	56.12 1.79 0.08	56.71 1.65 0.11	53.88 1.57 0.00	52.21 1.48 0.29	48.72 1.33 0.00	45.66 1.29 0.00	44.35 1.29 0.00	43.75 1.40 0.00	44.67 1.38 0.00	51.82 1.76 -0.97	73.98 2.19 -12.74	70.10 2.37 0.00	68.03 2.25 0.31	52.69 1.63 0.00	44.72 1.39 0.00	38.76 1.28 0.00	35.86 1.24 0.00
LOWVILLE_115KV_TB2 356335	32.91 0.13 -0.12	30.91 0.09 -0.12	30.17 0.15 -0.09	29.98 0.18 -0.08	29.89 0.12 -0.08	35.19 0.59 -0.12	45.52 1.45 -0.08	56.61 2.01 -0.20	57.64 2.10 -0.38	54.60 1.78 -0.50	53.17 1.63 -0.53	48.97 1.23 -0.35	45.20 0.58 -0.25	43.61 0.39 -0.17	42.90 0.38 -0.17	43.77 0.39 -0.10	49.55 0.39 -0.08	59.59 0.53 0.00	68.75 0.81 -0.21	67.62 1.32 -0.21	52.04 0.97 -0.02	44.19 0.82 -0.03	38.03 0.52 -0.02	35.07 0.38 -0.08
LUTHERFT_115KV_GLOB_FND_222 355753	34.20 1.54 0.00	32.10 1.41 0.00	31.25 1.32 0.00	31.00 1.28 0.00	30.97 1.28 0.00	36.00 1.52 0.00	45.79 1.80 0.00	56.69 2.34 0.06	57.29 2.21 0.08	54.41 2.09 0.00	52.73 1.94 0.22	49.05 1.66 0.00	45.93 1.55 0.00	44.56 1.51 0.00	43.88 1.52 0.00	44.88 1.60 0.00	51.54 2.01 -0.44	67.44 2.54 -5.85	70.64 2.91 0.00	68.56 2.71 0.24	53.05 1.99 0.00	45.03 1.69 0.00	38.95 1.46 0.00	36.00 1.38 0.00

LUTHERNY_35_KV_BK2 355980	34.20 1.54 0.00	32.10 1.41 0.00	31.28 1.35 0.00	31.03 1.31 0.00	31.00 1.31 0.00	36.03 1.55 0.00	45.84 1.85 0.00	56.74 2.39 0.06	57.34 2.26 0.08	54.46 2.14 0.00	52.78 1.99 0.22	49.10 1.71 0.00	45.93 1.55 0.00	44.56 1.51 0.00	43.92 1.57 0.00	44.88 1.60 0.00	51.54 2.01 -0.44	67.50 2.60 -5.85	70.64 2.91 0.00	68.62 2.78 0.24	53.10 2.04 0.00	45.03 1.69 0.00	38.99 1.50 0.00	36.03 1.42 0.00
LWR___OSWEGATCHIE_HYD 23850	33.04 0.26 -0.11	31.05 0.25 -0.12	30.29 0.27 -0.08	30.12 0.33 -0.08	30.06 0.30 -0.07	35.08 0.48 -0.11	45.34 1.28 -0.07	56.11 1.52 -0.19	57.24 1.71 -0.36	54.21 1.41 -0.48	52.95 1.43 -0.50	48.91 1.18 -0.33	45.37 0.75 -0.24	43.82 0.60 -0.16	43.02 0.51 -0.16	43.99 0.61 -0.10	49.65 0.49 -0.07	59.53 0.47 0.00	68.40 0.47 -0.19	67.28 0.99 -0.20	51.84 0.77 -0.02	44.23 0.87 -0.03	38.06 0.56 -0.02	35.20 0.52 -0.07
LYONS_FALL_HYD 23570	33.00 0.26 -0.07	30.99 0.22 -0.08	30.23 0.24 -0.06	30.04 0.27 -0.05	29.98 0.24 -0.05	35.14 0.59 -0.08	45.31 1.28 -0.05	56.32 1.79 -0.12	57.33 1.93 -0.24	54.30 1.67 -0.31	52.87 1.53 -0.33	48.84 1.23 -0.21	45.28 0.75 -0.15	43.76 0.60 -0.10	43.01 0.55 -0.10	43.91 0.56 -0.06	49.77 0.64 -0.05	59.82 0.77 0.00	68.94 1.08 -0.13	67.67 1.45 -0.13	52.14 1.07 -0.01	44.22 0.87 -0.02	38.09 0.60 -0.01	35.11 0.45 -0.05
MADISON___COUNTY_LFGE 323628	33.16 0.49 0.00	31.15 0.46 0.00	30.44 0.51 0.00	30.23 0.51 0.00	30.14 0.45 0.00	35.14 0.66 0.00	45.22 1.23 0.00	56.09 1.69 0.00	56.93 1.77 0.00	53.88 1.57 0.00	52.49 1.48 0.00	48.63 1.23 0.00	45.48 1.11 0.00	44.00 0.95 0.00	43.29 0.93 0.00	44.15 0.87 0.00	50.07 0.98 0.00	60.30 1.24 0.00	69.35 1.63 0.00	67.94 1.85 0.00	52.48 1.43 0.00	44.46 1.13 0.00	38.31 0.82 0.00	35.30 0.69 0.00
MALONE___115KV_TB1 356076	32.96 0.29 0.00	31.00 0.31 0.00	30.17 0.24 0.00	30.08 0.36 0.00	30.08 0.39 0.00	34.79 0.31 0.00	44.74 0.75 0.00	55.17 0.76 0.00	56.38 1.21 0.00	53.36 1.05 0.00	52.14 1.12 0.00	48.58 1.18 0.00	45.26 0.89 0.00	43.96 0.90 0.00	43.12 0.76 0.00	44.19 0.91 0.00	50.21 1.13 0.00	60.36 1.30 0.00	68.61 0.88 0.00	67.28 1.19 0.00	51.72 0.66 0.00	43.86 0.52 0.00	37.79 0.30 0.00	35.06 0.45 0.00
MAPLEWOD_115KV_TB3 80458	33.68 1.01 0.00	31.64 0.95 0.00	30.77 0.84 0.00	30.55 0.83 0.00	30.53 0.83 0.00	35.48 1.00 0.00	45.00 1.01 0.00	55.71 1.36 0.06	56.30 1.21 0.08	53.52 1.20 0.00	51.92 1.12 0.21	48.39 1.00 0.00	45.35 0.98 0.00	44.05 0.99 0.00	43.37 1.02 0.00	44.32 1.04 0.00	49.83 1.33 0.58	53.11 1.65 7.60	69.49 1.76 0.00	67.51 1.65 0.23	52.23 1.17 0.00	44.33 1.00 0.00	38.46 0.97 0.00	35.58 0.97 0.00
MAPLE_RIDGE_WT_1 323574	0.00 -1.05 31.62	29.77 -0.92 0.00	29.06 -0.87 0.00	29.01 -0.71 0.00	29.16 -0.53 0.00	34.03 -0.45 0.00	43.59 -0.40 0.00	53.97 -0.44 0.00	54.72 -0.44 0.00	51.79 -0.52 0.00	50.40 -0.61 0.00	46.73 -0.66 0.00	43.62 -0.75 0.00	42.24 -0.82 0.00	41.42 -0.93 0.00	42.24 -1.04 0.00	47.86 -1.23 0.00	57.58 -1.47 0.00	65.97 -1.76 0.00	64.37 -1.72 0.00	49.68 -1.38 0.00	42.12 -1.21 0.00	36.44 -1.05 0.00	33.68 -0.93 0.00
MAPLE_RIDGE_WT_2 323611	0.00 -1.05 31.62	29.77 -0.92 0.00	29.06 -0.87 0.00	29.01 -0.71 0.00	29.16 -0.53 0.00	34.03 -0.45 0.00	43.59 -0.40 0.00	53.97 -0.44 0.00	54.72 -0.44 0.00	51.79 -0.52 0.00	50.40 -0.61 0.00	46.73 -0.66 0.00	43.62 -0.75 0.00	42.24 -0.82 0.00	41.42 -0.93 0.00	42.24 -1.04 0.00	47.86 -1.23 0.00	57.58 -1.47 0.00	65.97 -1.76 0.00	64.37 -1.72 0.00	49.68 -1.38 0.00	42.12 -1.21 0.00	36.44 -1.05 0.00	33.68 -0.93 0.00
MARBLE_RIVER_WT_PWR 323696	31.72 -0.95 0.00	29.77 -0.92 0.00	28.86 -1.08 0.00	28.77 -0.95 0.00	28.80 -0.89 0.00	33.31 -1.17 0.00	42.23 -1.76 0.00	52.12 -2.28 0.00	53.62 -1.54 0.00	51.16 -1.15 0.00	50.20 -0.82 0.00	46.97 -0.43 0.00	43.93 -0.44 0.00	42.67 -0.39 0.00	41.76 -0.59 0.00	42.85 -0.43 0.00	48.64 -0.44 0.00	58.35 -0.71 0.00	66.10 -1.63 0.00	64.64 -1.45 0.00	49.47 -1.58 0.00	41.65 -1.69 0.00	36.14 -1.35 0.00	33.44 -1.18 0.00
MARSHVLE_115KV_TB1 80742	33.88 1.21 0.00	31.74 1.04 0.00	31.01 1.08 0.00	30.73 1.01 0.00	30.70 1.01 0.00	35.79 1.31 0.00	45.88 1.89 0.00	56.98 2.61 0.03	57.22 2.10 0.05	53.67 1.36 0.00	51.76 0.87 0.12	47.87 0.47 0.00	44.86 0.49 0.00	43.49 0.43 0.00	42.82 0.47 0.00	44.15 0.87 0.00	50.48 1.33 -0.07	62.10 2.19 -0.86	70.51 2.78 0.00	68.67 2.71 0.13	52.99 1.94 0.00	45.07 1.73 0.00	38.84 1.35 0.00	35.75 1.14 0.00
MARSH_HILL_WT_PWR 323713	31.98 -0.69 0.00	30.26 -0.43 0.00	29.75 -0.18 0.00	29.40 -0.33 0.00	29.04 -0.65 0.00	33.34 -1.14 0.00	42.10 -1.89 0.00	51.63 -2.77 0.00	52.02 -3.14 0.00	49.07 -3.24 0.00	47.44 -3.57 0.00	43.98 -3.41 0.00	41.14 -3.24 0.00	39.87 -3.19 0.00	39.35 -3.01 0.00	40.04 -3.25 0.00	45.50 -3.58 0.00	55.51 -3.54 0.00	65.22 -2.50 0.00	64.17 -1.92 0.00	50.14 -0.92 0.00	42.82 -0.52 0.00	37.04 -0.45 0.00	34.20 -0.41 0.00
MCINTYRE_115KV_TB2 80467	33.42 0.75 0.00	31.43 0.74 0.00	30.65 0.72 0.00	30.55 0.83 0.00	30.50 0.80 0.00	35.31 0.83 0.00	45.70 1.72 0.00	56.31 1.90 0.00	57.21 2.04 0.00	53.78 1.46 0.00	52.49 1.48 0.00	48.81 1.42 0.00	45.48 1.11 0.00	44.09 1.03 0.00	43.24 0.89 0.00	44.36 1.08 0.00	50.41 1.33 0.00	60.65 1.59 0.00	69.29 1.56 0.00	68.20 2.11 0.00	52.59 1.53 0.00	44.59 1.26 0.00	38.46 0.97 0.00	35.62 1.00 0.00
MECO_____69_KV_BK1 80468	34.46 1.80 0.00	32.29 1.60 0.00	31.55 1.62 0.00	31.27 1.55 0.00	31.24 1.54 0.00	36.41 1.93 0.00	46.58 2.60 0.00	57.85 3.48 0.04	58.04 2.92 0.05	54.46 2.14 0.00	52.51 1.63 0.13	48.48 1.09 0.00	45.40 1.02 0.00	44.05 0.99 0.00	43.41 1.06 0.00	44.75 1.47 0.00	51.27 2.11 -0.07	63.24 3.25 -0.93	71.72 4.00 0.00	69.78 3.83 0.15	53.86 2.81 0.00	45.72 2.38 0.00	39.44 1.95 0.00	36.31 1.70 0.00
MENANDS___115KV_TB5 355628	33.52 0.85 0.00	31.52 0.83 0.00	30.62 0.69 0.00	30.41 0.68 0.00	30.41 0.71 0.00	35.31 0.83 0.00	44.74 0.75 0.00	55.49 1.14 0.06	56.08 0.99 0.08	53.26 0.94 0.00	51.72 0.92 0.21	48.20 0.81 0.00	45.17 0.80 0.00	43.87 0.82 0.00	43.24 0.89 0.00	44.19 0.91 0.00	49.61 1.13 0.60	52.47 1.36 7.94	69.15 1.42 0.00	67.18 1.32 0.23	51.97 0.92 0.00	44.16 0.82 0.00	38.35 0.86 0.00	35.48 0.87 0.00
MG INDUSTRY___DRP 24185	33.58 0.91 0.00	31.58 0.89 0.00	30.74 0.81 0.00	30.49 0.77 0.00	30.56 0.86 0.00	35.48 1.00 0.00	45.00 1.01 0.00	55.80 1.41 0.02	56.34 1.21 0.03	53.31 0.99 0.00	51.89 0.97 0.09	48.10 0.71 0.00	45.09 0.71 0.00	43.74 0.69 0.00	43.12 0.76 0.00	44.11 0.82 0.00	49.76 0.98 0.31	56.23 1.24 4.06	69.08 1.35 0.00	67.32 1.32 0.10	51.97 0.92 0.00	44.12 0.78 0.00	38.31 0.82 0.00	35.41 0.80 0.00

MID___OSWEGATCHIE_HYD 23849	33.04 0.26 -0.11	31.05 0.25 -0.12	30.29 0.27 -0.08	30.12 0.33 -0.08	30.06 0.30 -0.07	35.08 0.48 -0.11	45.34 1.28 -0.07	56.11 1.52 -0.19	57.24 1.71 -0.36	54.21 1.41 -0.48	52.95 1.43 -0.50	48.91 1.18 -0.33	45.37 0.75 -0.24	43.82 0.60 -0.16	43.02 0.51 -0.16	43.99 0.61 -0.10	49.65 0.49 -0.07	59.53 0.47 0.00	68.40 0.47 -0.19	67.28 0.99 -0.20	51.84 0.77 -0.02	44.23 0.87 -0.03	38.06 0.56 -0.02	35.20 0.52 -0.07
MID___RAQUETTE_HYD 23851	33.06 0.39 0.00	31.09 0.40 0.00	30.29 0.36 0.00	30.20 0.48 0.00	30.14 0.45 0.00	34.96 0.48 0.00	45.13 1.14 0.00	55.55 1.14 0.00	56.60 1.43 0.00	53.41 1.10 0.00	52.29 1.28 0.00	48.63 1.23 0.00	45.26 0.89 0.00	43.87 0.82 0.00	43.03 0.68 0.00	44.11 0.82 0.00	49.87 0.79 0.00	59.65 0.59 0.00	68.13 0.41 0.00	66.88 0.79 0.00	51.77 0.71 0.00	44.12 0.78 0.00	38.01 0.52 0.00	35.20 0.59 0.00
MILLIKEN___1 23584	32.98 0.23 -0.08	30.99 0.21 -0.09	30.32 0.33 -0.06	30.10 0.33 -0.06	30.02 0.27 -0.05	34.94 0.38 -0.08	44.70 0.66 -0.05	55.47 0.92 -0.14	56.24 0.83 -0.25	53.32 0.68 -0.33	51.87 0.51 -0.35	48.05 0.43 -0.23	44.94 0.40 -0.16	43.51 0.34 -0.11	42.80 0.34 -0.11	43.61 0.26 -0.07	49.43 0.29 -0.05	59.53 0.47 0.00	68.89 1.02 -0.14	67.36 1.12 -0.15	52.04 0.97 -0.01	44.23 0.87 -0.02	38.06 0.56 -0.01	35.08 0.42 -0.05
MILLIKEN___2 23585	32.98 0.23 -0.08	30.99 0.21 -0.09	30.32 0.33 -0.06	30.10 0.33 -0.06	30.02 0.27 -0.05	34.94 0.38 -0.08	44.70 0.66 -0.05	55.47 0.92 -0.14	56.24 0.83 -0.25	53.32 0.68 -0.33	51.87 0.51 -0.35	48.05 0.43 -0.23	44.94 0.40 -0.16	43.51 0.34 -0.11	42.80 0.34 -0.11	43.61 0.26 -0.07	49.43 0.29 -0.05	59.53 0.47 0.00	68.89 1.02 -0.14	67.36 1.12 -0.15	52.04 0.97 -0.01	44.23 0.87 -0.02	38.06 0.56 -0.01	35.08 0.42 -0.05
MILLIKEN___DIESEL 23629	32.98 0.23 -0.08	30.99 0.21 -0.09	30.32 0.33 -0.06	30.10 0.33 -0.06	30.02 0.27 -0.05	34.94 0.38 -0.08	44.70 0.66 -0.05	55.47 0.92 -0.14	56.24 0.83 -0.25	53.32 0.68 -0.33	51.87 0.51 -0.35	48.05 0.43 -0.23	44.94 0.40 -0.16	43.51 0.34 -0.11	42.80 0.34 -0.11	43.61 0.26 -0.07	49.43 0.29 -0.05	59.53 0.47 0.00	68.89 1.02 -0.14	67.36 1.12 -0.15	52.04 0.97 -0.01	44.23 0.87 -0.02	38.06 0.56 -0.01	35.08 0.42 -0.05
MILLSEAT___LFGE 323607	32.14 -0.52 0.00	30.39 -0.31 0.00	29.90 -0.03 0.00	29.63 -0.09 0.00	29.37 -0.33 0.00	33.79 -0.69 0.00	42.62 -1.36 0.00	51.52 -2.89 0.00	52.29 -2.87 0.00	49.91 -2.41 0.00	48.72 -2.29 0.00	45.45 -1.95 0.00	42.60 -1.78 0.00	41.12 -1.94 0.00	40.53 -1.82 0.00	41.47 -1.82 0.00	46.19 -2.90 0.00	55.45 -3.60 0.00	64.61 -3.11 0.00	63.12 -2.97 0.00	49.93 -1.12 0.00	43.16 -0.17 0.00	37.18 -0.30 0.00	34.47 -0.14 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	34.72 2.06 0.00	32.53 1.84 0.00	31.58 1.65 0.00	31.24 1.52 0.00	31.27 1.57 0.00	36.34 1.86 0.00	46.19 2.20 0.00	57.64 3.16 -0.08	58.15 2.87 -0.12	54.98 2.67 0.00	54.01 2.70 -0.29	50.00 2.56 -0.05	46.91 2.53 -0.01	45.60 2.54 0.00	44.90 2.54 0.00	45.88 2.60 0.00	52.03 2.95 0.00	62.66 3.60 0.00	72.13 4.40 0.00	70.64 4.23 -0.32	53.97 2.91 0.00	45.68 2.34 0.00	39.77 2.29 0.00	36.55 1.94 0.00
MILLWOOD_13_KV_LOAD 356217	34.79 2.12 0.00	32.57 1.87 0.00	31.64 1.71 0.00	31.30 1.58 0.00	31.33 1.63 0.00	36.41 1.93 0.00	46.32 2.33 0.00	57.75 3.26 -0.08	58.26 2.98 -0.12	55.09 2.77 0.00	54.11 2.81 -0.29	50.09 2.65 -0.05	47.00 2.62 -0.01	45.73 2.67 0.00	44.98 2.63 0.00	45.97 2.68 0.00	52.13 3.04 0.00	62.78 3.72 0.00	72.27 4.54 0.00	70.77 4.36 -0.32	54.07 3.01 0.00	45.76 2.43 0.00	39.85 2.36 0.00	36.59 1.97 0.00
MODEL_CITY_ENERGY 24167	31.46 -1.21 0.00	29.77 -0.92 0.00	29.24 -0.69 0.00	29.10 -0.63 0.00	28.86 -0.83 0.00	32.96 -1.52 0.00	41.30 -2.68 0.00	49.67 -4.73 0.00	50.26 -4.91 0.00	48.13 -4.19 0.00	46.88 -4.13 0.00	43.84 -3.56 0.00	41.14 -3.24 0.00	39.70 -3.36 0.00	39.22 -3.13 0.00	40.17 -3.12 0.00	44.62 -4.47 0.00	53.44 -5.61 0.00	62.11 -5.62 0.00	60.67 -5.42 0.00	48.30 -2.76 0.00	42.04 -1.30 0.00	36.25 -1.24 0.00	33.71 -0.90 0.00
MODERN_LFGE___ 323580	31.46 -1.21 0.00	29.77 -0.92 0.00	29.24 -0.69 0.00	29.10 -0.63 0.00	28.86 -0.83 0.00	32.96 -1.52 0.00	41.30 -2.68 0.00	49.67 -4.73 0.00	50.26 -4.91 0.00	48.13 -4.19 0.00	46.88 -4.13 0.00	43.84 -3.56 0.00	41.14 -3.24 0.00	39.70 -3.36 0.00	39.22 -3.13 0.00	40.17 -3.12 0.00	44.62 -4.47 0.00	53.44 -5.61 0.00	62.11 -5.62 0.00	60.67 -5.42 0.00	48.30 -2.76 0.00	42.04 -1.30 0.00	36.25 -1.24 0.00	33.71 -0.90 0.00
MOHAWK_PAPER___DRP 24187	33.68 1.01 0.00	31.64 0.95 0.00	30.77 0.84 0.00	30.55 0.83 0.00	30.53 0.83 0.00	35.48 1.00 0.00	45.00 1.01 0.00	55.71 1.36 0.06	56.30 1.21 0.08	53.52 1.20 0.00	51.92 1.12 0.21	48.39 1.00 0.00	45.35 0.98 0.00	44.05 0.99 0.00	43.37 1.02 0.00	44.32 1.04 0.00	49.83 1.33 0.58	53.11 1.65 7.60	69.49 1.76 0.00	67.51 1.65 0.23	52.23 1.17 0.00	44.33 1.00 0.00	38.46 0.97 0.00	35.58 0.97 0.00
MOHICAN___35_KV_115KV_LD 80490	34.20 1.54 0.00	32.10 1.41 0.00	31.28 1.35 0.00	31.03 1.31 0.00	31.00 1.31 0.00	35.96 1.48 0.00	45.84 1.85 0.00	56.85 2.50 0.06	57.40 2.32 0.08	54.51 2.20 0.00	52.84 2.04 0.22	49.05 1.66 0.00	45.84 1.46 0.00	44.48 1.42 0.00	43.79 1.44 0.00	44.80 1.51 0.00	51.47 1.96 -0.42	67.15 2.60 -5.49	70.71 2.98 0.00	68.63 2.78 0.24	53.05 1.99 0.00	44.98 1.65 0.00	38.91 1.42 0.00	35.93 1.32 0.00
MONGAUP___HYD 23641	34.69 2.03 0.00	32.50 1.81 0.00	31.61 1.68 0.00	31.27 1.54 0.00	31.21 1.51 0.00	36.27 1.79 0.00	46.27 2.29 0.00	57.68 3.21 -0.07	58.13 2.87 -0.10	54.93 2.61 0.00	53.66 2.40 -0.25	49.61 2.18 -0.04	46.55 2.17 0.00	45.25 2.19 0.00	44.64 2.29 0.00	45.62 2.34 0.00	51.93 2.85 0.00	62.78 3.72 0.00	72.47 4.74 0.00	70.98 4.62 -0.27	54.28 3.22 0.00	45.94 2.60 0.00	39.81 2.32 0.00	36.55 1.94 0.00
MONTAUK___DIESEL 23721	34.23 1.57 0.00	31.77 1.07 0.00	30.83 0.90 0.00	30.49 0.77 0.00	30.59 0.89 0.00	35.69 1.21 0.00	43.23 -0.04 0.71	54.94 0.60 0.06	54.63 0.44 0.97	51.40 0.52 1.44	52.37 1.07 -0.28	46.93 0.76 1.22	45.13 0.84 0.09	44.21 1.16 0.01	43.62 1.27 0.00	44.62 1.34 0.00	50.40 1.33 0.01	60.82 1.77 0.00	70.43 2.71 0.00	68.72 2.31 -0.32	51.81 0.77 0.01	43.81 0.48 0.01	38.72 1.24 0.00	35.96 1.35 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	31.98 -0.69 0.00	30.02 -0.68 0.00	29.39 -0.54 0.00	28.68 -1.04 0.00	28.27 -1.43 0.00	32.45 -2.03 0.00	41.04 -2.95 0.00	49.78 -4.62 0.00	50.03 -5.13 0.00	47.55 -4.76 0.00	46.37 -4.64 0.00	43.18 -4.22 0.00	40.56 -3.82 0.00	39.05 -4.00 0.00	38.63 -3.73 0.00	39.91 -3.38 0.00	44.67 -4.42 0.00	54.21 -4.84 0.00	63.66 -4.06 0.00	63.12 -2.97 0.00	50.03 -1.02 0.00	43.29 -0.04 0.00	37.56 0.07 0.00	34.72 0.10 0.00

MORRIS RIDGE___SOLAR 323848	31.88 -0.78 0.00	30.14 -0.55 0.00	29.60 -0.33 0.00	29.25 -0.48 0.00	28.98 -0.71 0.00	33.27 -1.21 0.00	42.05 -1.93 0.00	51.74 -2.66 0.00	52.13 -3.03 0.00	4.59 -3.09 44.64	4.57 -3.27 43.18	1.43 -3.13 42.84	1.40 -2.93 40.05	1.35 -2.88 38.83	1.25 -2.75 38.35	1.26 -2.99 39.04	1.39 -3.39 44.31	55.69 -3.36 0.00	65.49 -2.23 0.00	64.31 -1.78 0.00	50.29 -0.76 0.00	42.95 -0.39 0.00	37.15 -0.34 0.00	34.30 -0.31 0.00
MORTIMER_115KV_TB3 55949	32.27 -0.39 0.00	30.39 -0.31 0.00	29.81 -0.12 0.00	29.48 -0.24 0.00	29.34 -0.36 0.00	34.07 -0.41 0.00	43.28 -0.70 0.00	53.04 -1.36 0.00	53.90 -1.27 0.00	51.37 -0.94 0.00	50.20 -0.82 0.00	46.78 -0.62 0.00	43.80 -0.58 0.00	42.32 -0.73 0.00	41.63 -0.72 0.00	42.50 -0.78 0.00	47.76 -1.33 0.00	57.34 -1.71 0.00	66.37 -1.35 0.00	64.70 -1.39 0.00	50.54 -0.51 0.00	43.25 -0.09 0.00	37.22 -0.26 0.00	34.40 -0.21 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	35.02 2.35 0.00	32.78 2.09 0.00	31.79 1.86 0.00	31.45 1.72 0.00	31.48 1.78 0.00	36.62 2.14 0.00	46.54 2.55 0.00	58.08 3.59 -0.08	58.66 3.37 -0.13	55.45 3.14 0.00	54.48 3.16 -0.30	50.54 3.03 -0.11	47.36 2.97 -0.01	46.07 3.01 0.00	45.37 3.01 -0.01	46.32 3.03 -0.01	52.53 3.44 -0.01	63.26 4.19 -0.01	72.81 5.08 -0.01	71.24 4.82 -0.33	54.43 3.37 -0.01	46.07 2.73 0.00	40.15 2.66 0.00	36.86 2.25 0.00
MUNSVILLE_WIND_PWR 323609	33.51 0.85 0.00	31.55 0.86 0.00	30.95 1.02 0.00	30.85 1.13 0.00	30.73 1.04 0.00	36.03 1.55 0.00	46.98 2.99 0.00	58.37 3.97 0.00	59.08 3.92 0.00	55.45 3.14 0.00	53.72 2.70 0.00	49.58 2.18 0.00	46.33 1.95 0.00	44.56 1.51 0.00	43.80 1.44 0.00	44.54 1.26 0.00	50.70 1.62 0.00	61.54 2.48 0.00	71.25 3.52 0.00	70.19 4.10 0.00	54.27 3.22 0.00	45.63 2.30 0.00	39.25 1.76 0.00	36.07 1.45 0.00
N SALMON___HYD 24042	32.96 0.29 0.00	31.00 0.31 0.00	30.17 0.24 0.00	30.08 0.36 0.00	30.08 0.39 0.00	34.79 0.31 0.00	44.74 0.75 0.00	55.17 0.76 0.00	56.38 1.21 0.00	53.36 1.05 0.00	52.13 1.12 0.00	48.58 1.19 0.00	45.26 0.89 0.00	43.96 0.91 0.00	42.99 0.64 0.00	44.19 0.91 0.00	50.21 1.13 0.00	60.35 1.30 0.00	68.61 0.88 0.00	67.28 1.19 0.00	51.72 0.66 0.00	43.81 0.48 0.00	37.78 0.30 0.00	35.06 0.45 0.00
N.AKRON___115KV_KNAPP 355671	32.11 -0.56 0.00	30.29 -0.40 0.00	29.81 -0.12 0.00	29.60 -0.12 0.00	29.34 -0.36 0.00	33.72 -0.76 0.00	42.54 -1.45 0.00	51.36 -3.05 0.00	52.08 -3.09 0.00	49.75 -2.56 0.00	48.57 -2.45 0.00	45.31 -2.09 0.00	42.47 -1.91 0.00	40.90 -2.15 0.00	40.36 -1.99 0.00	41.34 -1.95 0.00	46.09 -2.99 0.00	55.28 -3.78 0.00	64.41 -3.32 0.00	62.92 -3.17 0.00	49.78 -1.28 0.00	43.08 -0.26 0.00	37.11 -0.37 0.00	34.44 -0.17 0.00
N.E_GEN_SANDY PD 24062	34.17 1.50 0.00	32.04 1.35 0.00	31.10 1.17 0.00	30.88 1.16 0.00	30.91 1.22 0.00	35.93 1.45 0.00	47.31 1.63 -1.69	54.18 1.90 2.13	56.25 1.71 0.63	53.94 1.62 0.00	50.95 1.58 1.65	48.86 1.47 0.00	45.88 1.51 0.00	44.56 1.51 0.00	44.00 1.65 0.00	44.88 1.60 0.00	51.29 2.01 -0.19	64.01 2.42 -2.53	70.44 2.71 0.00	66.88 2.57 1.78	52.89 1.84 0.00	44.89 1.56 0.00	38.91 1.42 0.00	36.00 1.39 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	34.72 2.06 0.00	32.53 1.84 0.00	31.58 1.65 0.00	31.27 1.55 0.00	31.27 1.57 0.00	36.34 1.86 0.00	46.32 2.33 0.00	57.80 3.32 -0.08	58.31 3.03 -0.11	55.19 2.88 0.00	54.15 2.86 -0.28	50.14 2.70 -0.04	47.04 2.66 -0.01	45.73 2.67 0.00	45.02 2.67 0.00	46.01 2.73 0.00	52.03 2.95 0.00	62.72 3.66 0.00	72.27 4.54 0.00	70.75 4.36 -0.30	54.07 3.01 0.00	45.72 2.38 0.00	39.81 2.32 0.00	36.55 1.94 0.00
N.QUEENS_27_KV_LOAD 356247	35.19 2.52 -0.01	32.94 2.24 -0.01	31.94 2.01 -0.01	31.60 1.87 -0.01	31.63 1.93 -0.01	36.83 2.34 -0.01	46.94 2.95 0.00	58.24 3.75 -0.08	58.66 3.37 -0.12	55.40 3.09 0.00	54.53 3.21 -0.30	50.72 3.22 -0.10	47.45 3.06 -0.01	46.21 3.14 -0.01	45.45 3.09 -0.01	46.40 3.12 -0.01	52.58 3.49 -0.01	63.43 4.37 -0.01	73.02 5.28 -0.01	71.37 4.96 -0.33	54.48 3.42 -0.01	46.37 3.03 0.00	40.46 2.96 -0.01	37.08 2.46 -0.01
N.TROY___115KV_TB1 355778	33.97 1.31 0.00	31.92 1.23 0.00	31.01 1.08 0.00	30.79 1.07 0.00	30.79 1.10 0.00	35.79 1.31 0.00	45.53 1.54 0.00	56.12 1.80 0.08	56.71 1.65 0.11	53.88 1.57 0.00	52.20 1.48 0.29	48.72 1.33 0.00	45.66 1.29 0.00	44.35 1.29 0.00	43.71 1.36 0.00	44.67 1.39 0.00	51.81 1.77 -0.96	73.92 2.19 -12.68	70.10 2.37 0.00	68.02 2.25 0.31	52.69 1.63 0.00	44.72 1.39 0.00	38.76 1.27 0.00	35.86 1.25 0.00
NARROWS_GT1_1 24228	35.38 2.71 -0.01	33.10 2.40 -0.01	32.12 2.18 -0.01	31.78 2.05 -0.01	31.81 2.11 -0.01	37.00 2.52 -0.01	46.81 2.82 0.00	58.13 3.65 -0.08	58.49 3.20 -0.12	55.35 3.03 0.00	54.43 3.11 -0.30	50.30 2.80 -0.11	47.36 2.97 -0.01	46.08 3.01 -0.01	45.41 3.05 -0.01	46.36 3.07 -0.01	52.53 3.43 -0.01	63.37 4.31 -0.01	72.95 5.22 -0.01	71.31 4.89 -0.33	54.43 3.37 -0.01	46.28 2.95 0.00	40.53 3.04 -0.01	37.25 2.63 -0.01
NARROWS_GT1_2 24229	35.38 2.71 -0.01	33.10 2.40 -0.01	32.12 2.18 -0.01	31.78 2.05 -0.01	31.81 2.11 -0.01	37.00 2.52 -0.01	46.81 2.82 0.00	58.13 3.65 -0.08	58.49 3.20 -0.12	55.35 3.03 0.00	54.43 3.11 -0.30	50.30 2.80 -0.11	47.36 2.97 -0.01	46.08 3.01 -0.01	45.41 3.05 -0.01	46.36 3.07 -0.01	52.53 3.43 -0.01	63.37 4.31 -0.01	72.95 5.22 -0.01	71.31 4.89 -0.33	54.43 3.37 -0.01	46.28 2.95 0.00	40.53 3.04 -0.01	37.25 2.63 -0.01
NARROWS_GT1_3 24230	35.38 2.71 -0.01	33.10 2.40 -0.01	32.12 2.18 -0.01	31.78 2.05 -0.01	31.81 2.11 -0.01	37.00 2.52 -0.01	46.81 2.82 0.00	58.13 3.65 -0.08	58.49 3.20 -0.12	55.35 3.03 0.00	54.43 3.11 -0.30	50.30 2.80 -0.11	47.36 2.97 -0.01	46.08 3.01 -0.01	45.41 3.05 -0.01	46.36 3.07 -0.01	52.53 3.43 -0.01	63.37 4.31 -0.01	72.95 5.22 -0.01	71.31 4.89 -0.33	54.43 3.37 -0.01	46.28 2.95 0.00	40.53 3.04 -0.01	37.25 2.63 -0.01
NARROWS_GT1_4 24231	35.38 2.71 -0.01	33.10 2.40 -0.01	32.12 2.18 -0.01	31.78 2.05 -0.01	31.81 2.11 -0.01	37.00 2.52 -0.01	46.81 2.82 0.00	58.13 3.65 -0.08	58.49 3.20 -0.12	55.35 3.03 0.00	54.43 3.11 -0.30	50.30 2.80 -0.11	47.36 2.97 -0.01	46.08 3.01 -0.01	45.41 3.05 -0.01	46.36 3.07 -0.01	52.53 3.43 -0.01	63.37 4.31 -0.01	72.95 5.22 -0.01	71.31 4.89 -0.33	54.43 3.37 -0.01	46.28 2.95 0.00	40.53 3.04 -0.01	37.25 2.63 -0.01
NARROWS_GT1_5 24232	35.38 2.71 -0.01	33.10 2.40 -0.01	32.12 2.18 -0.01	31.78 2.05 -0.01	31.81 2.11 -0.01	37.00 2.52 -0.01	46.81 2.82 0.00	58.13 3.65 -0.08	58.49 3.20 -0.12	55.35 3.03 0.00	54.43 3.11 -0.30	50.30 2.80 -0.11	47.36 2.97 -0.01	46.08 3.01 -0.01	45.41 3.05 -0.01	46.36 3.07 -0.01	52.53 3.43 -0.01	63.37 4.31 -0.01	72.95 5.22 -0.01	71.31 4.89 -0.33	54.43 3.37 -0.01	46.28 2.95 0.00	40.53 3.04 -0.01	37.25 2.63 -0.01

NARROWS_GT1_6 24233	35.38 2.71 -0.01	33.10 2.40 -0.01	32.12 2.18 -0.01	31.78 2.05 -0.01	31.81 2.11 -0.01	37.00 2.52 -0.01	46.81 2.82 0.00	58.13 3.65 -0.08	58.49 3.20 -0.12	55.35 3.03 0.00	54.43 3.11 -0.30	50.30 2.80 -0.11	47.36 2.97 -0.01	46.08 3.01 -0.01	45.41 3.05 -0.01	46.36 3.07 -0.01	52.53 3.43 -0.01	63.37 4.31 -0.01	72.95 5.22 -0.01	71.31 4.89 -0.33	54.43 3.37 -0.01	46.28 2.95 0.00	40.53 3.04 -0.01	37.25 2.63 -0.01
NARROWS_GT1_7 24234	35.38 2.71 -0.01	33.10 2.40 -0.01	32.12 2.18 -0.01	31.78 2.05 -0.01	31.81 2.11 -0.01	37.00 2.52 -0.01	46.81 2.82 0.00	58.13 3.65 -0.08	58.49 3.20 -0.12	55.35 3.03 0.00	54.43 3.11 -0.30	50.30 2.80 -0.11	47.36 2.97 -0.01	46.08 3.01 -0.01	45.41 3.05 -0.01	46.36 3.07 -0.01	52.53 3.43 -0.01	63.37 4.31 -0.01	72.95 5.22 -0.01	71.31 4.89 -0.33	54.43 3.37 -0.01	46.28 2.95 0.00	40.53 3.04 -0.01	37.25 2.63 -0.01
NARROWS_GT1_8 24235	35.38 2.71 -0.01	33.10 2.40 -0.01	32.12 2.18 -0.01	31.78 2.05 -0.01	31.81 2.11 -0.01	37.00 2.52 -0.01	46.81 2.82 0.00	58.13 3.65 -0.08	58.49 3.20 -0.12	55.35 3.03 0.00	54.43 3.11 -0.30	50.30 2.80 -0.11	47.36 2.97 -0.01	46.08 3.01 -0.01	45.41 3.05 -0.01	46.36 3.07 -0.01	52.53 3.43 -0.01	63.37 4.31 -0.01	72.95 5.22 -0.01	71.31 4.89 -0.33	54.43 3.37 -0.01	46.28 2.95 0.00	40.53 3.04 -0.01	37.25 2.63 -0.01
NARROWS_GT2_1 24236	35.38 2.71 -0.01	33.10 2.40 -0.01	32.12 2.18 -0.01	31.78 2.05 -0.01	31.81 2.11 -0.01	37.00 2.52 -0.01	46.81 2.82 0.00	58.13 3.65 -0.08	58.49 3.20 -0.12	55.35 3.03 0.00	54.43 3.11 -0.30	50.30 2.80 -0.11	47.36 2.97 -0.01	46.08 3.01 -0.01	45.41 3.05 -0.01	46.36 3.07 -0.01	52.53 3.43 -0.01	63.37 4.31 -0.01	72.95 5.22 -0.01	71.31 4.89 -0.33	54.43 3.37 -0.01	46.28 2.95 0.00	40.53 3.04 -0.01	37.25 2.63 -0.01
NARROWS_GT2_2 24237	35.38 2.71 -0.01	33.10 2.40 -0.01	32.12 2.18 -0.01	31.78 2.05 -0.01	31.81 2.11 -0.01	37.00 2.52 -0.01	46.81 2.82 0.00	58.13 3.65 -0.08	58.49 3.20 -0.12	55.35 3.03 0.00	54.43 3.11 -0.30	50.30 2.80 -0.11	47.36 2.97 -0.01	46.08 3.01 -0.01	45.41 3.05 -0.01	46.36 3.07 -0.01	52.53 3.43 -0.01	63.37 4.31 -0.01	72.95 5.22 -0.01	71.31 4.89 -0.33	54.43 3.37 -0.01	46.28 2.95 0.00	40.53 3.04 -0.01	37.25 2.63 -0.01
NARROWS_GT2_3 24238	35.38 2.71 -0.01	33.10 2.40 -0.01	32.12 2.18 -0.01	31.78 2.05 -0.01	31.81 2.11 -0.01	37.00 2.52 -0.01	46.81 2.82 0.00	58.13 3.65 -0.08	58.49 3.20 -0.12	55.35 3.03 0.00	54.43 3.11 -0.30	50.30 2.80 -0.11	47.36 2.97 -0.01	46.08 3.01 -0.01	45.41 3.05 -0.01	46.36 3.07 -0.01	52.53 3.43 -0.01	63.37 4.31 -0.01	72.95 5.22 -0.01	71.31 4.89 -0.33	54.43 3.37 -0.01	46.28 2.95 0.00	40.53 3.04 -0.01	37.25 2.63 -0.01
NARROWS_GT2_4 24239	35.38 2.71 -0.01	33.10 2.40 -0.01	32.12 2.18 -0.01	31.78 2.05 -0.01	31.81 2.11 -0.01	37.00 2.52 -0.01	46.81 2.82 0.00	58.13 3.65 -0.08	58.49 3.20 -0.12	55.35 3.03 0.00	54.43 3.11 -0.30	50.30 2.80 -0.11	47.36 2.97 -0.01	46.08 3.01 -0.01	45.41 3.05 -0.01	46.36 3.07 -0.01	52.53 3.43 -0.01	63.37 4.31 -0.01	72.95 5.22 -0.01	71.31 4.89 -0.33	54.43 3.37 -0.01	46.28 2.95 0.00	40.53 3.04 -0.01	37.25 2.63 -0.01
NARROWS_GT2_5 24240	35.38 2.71 -0.01	33.10 2.40 -0.01	32.12 2.18 -0.01	31.78 2.05 -0.01	31.81 2.11 -0.01	37.00 2.52 -0.01	46.81 2.82 0.00	58.13 3.65 -0.08	58.49 3.20 -0.12	55.35 3.03 0.00	54.43 3.11 -0.30	50.30 2.80 -0.11	47.36 2.97 -0.01	46.08 3.01 -0.01	45.41 3.05 -0.01	46.36 3.07 -0.01	52.53 3.43 -0.01	63.37 4.31 -0.01	72.95 5.22 -0.01	71.31 4.89 -0.33	54.43 3.37 -0.01	46.28 2.95 0.00	40.53 3.04 -0.01	37.25 2.63 -0.01
NARROWS_GT2_6 24241	35.38 2.71 -0.01	33.10 2.40 -0.01	32.12 2.18 -0.01	31.78 2.05 -0.01	31.81 2.11 -0.01	37.00 2.52 -0.01	46.81 2.82 0.00	58.13 3.65 -0.08	58.49 3.20 -0.12	55.35 3.03 0.00	54.43 3.11 -0.30	50.30 2.80 -0.11	47.36 2.97 -0.01	46.08 3.01 -0.01	45.41 3.05 -0.01	46.36 3.07 -0.01	52.53 3.43 -0.01	63.37 4.31 -0.01	72.95 5.22 -0.01	71.31 4.89 -0.33	54.43 3.37 -0.01	46.28 2.95 0.00	40.53 3.04 -0.01	37.25 2.63 -0.01
NARROWS_GT2_7 24242	35.38 2.71 -0.01	33.10 2.40 -0.01	32.12 2.18 -0.01	31.78 2.05 -0.01	31.81 2.11 -0.01	37.00 2.52 -0.01	46.81 2.82 0.00	58.13 3.65 -0.08	58.49 3.20 -0.12	55.35 3.03 0.00	54.43 3.11 -0.30	50.30 2.80 -0.11	47.36 2.97 -0.01	46.08 3.01 -0.01	45.41 3.05 -0.01	46.36 3.07 -0.01	52.53 3.43 -0.01	63.37 4.31 -0.01	72.95 5.22 -0.01	71.31 4.89 -0.33	54.43 3.37 -0.01	46.28 2.95 0.00	40.53 3.04 -0.01	37.25 2.63 -0.01
NARROWS_GT2_8 24243	35.38 2.71 -0.01	33.10 2.40 -0.01	32.12 2.18 -0.01	31.78 2.05 -0.01	31.81 2.11 -0.01	37.00 2.52 -0.01	46.81 2.82 0.00	58.13 3.65 -0.08	58.49 3.20 -0.12	55.35 3.03 0.00	54.43 3.11 -0.30	50.30 2.80 -0.11	47.36 2.97 -0.01	46.08 3.01 -0.01	45.41 3.05 -0.01	46.36 3.07 -0.01	52.53 3.43 -0.01	63.37 4.31 -0.01	72.95 5.22 -0.01	71.31 4.89 -0.33	54.43 3.37 -0.01	46.28 2.95 0.00	40.53 3.04 -0.01	37.25 2.63 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	33.88 1.21 0.00	31.83 1.14 0.00	30.95 1.02 0.00	30.73 1.01 0.00	31.03 1.34 0.00	36.03 1.55 0.00	45.92 1.94 0.00	57.49 3.10 0.01	57.96 2.81 0.02	54.35 2.04 0.00	53.06 2.09 0.05	48.63 1.23 0.00	45.57 1.20 0.00	44.26 1.21 0.00	43.58 1.23 0.00	44.71 1.43 0.00	50.42 1.62 0.29	57.52 2.24 3.78	69.90 2.17 0.00	68.62 2.58 0.05	52.43 1.38 0.00	44.46 1.13 0.00	38.54 1.05 0.00	35.65 1.04 0.00
NCHELSEA_115KV_TR2 355582	34.72 2.06 0.00	32.53 1.84 0.00	31.61 1.68 0.00	31.30 1.58 0.00	31.27 1.57 0.00	36.34 1.86 0.00	46.28 2.29 0.00	57.68 3.21 -0.06	58.24 2.98 -0.09	55.19 2.88 0.00	54.06 2.81 -0.24	50.05 2.65 0.00	46.99 2.62 0.00	45.68 2.63 0.00	44.94 2.58 0.00	45.92 2.64 0.00	52.08 2.99 0.00	62.84 3.78 0.00	72.33 4.61 0.00	70.78 4.43 -0.26	54.12 3.06 0.00	45.81 2.47 0.00	39.77 2.29 0.00	36.59 1.97 0.00
NEG CAPITAL___MECHNVIL 23645	34.27 1.60 0.00	32.17 1.47 0.00	31.31 1.38 0.00	31.06 1.34 0.00	31.06 1.37 0.00	36.10 1.62 0.00	45.92 1.93 0.00	56.79 2.45 0.07	57.39 2.32 0.09	54.51 2.20 0.00	52.86 2.09 0.25	49.19 1.80 0.00	46.06 1.69 0.00	44.69 1.64 0.00	44.05 1.70 0.00	45.02 1.73 0.00	51.84 2.16 -0.60	69.67 2.78 -7.84	70.85 3.12 0.00	68.73 2.90 0.27	53.20 2.14 0.00	45.16 1.82 0.00	39.06 1.57 0.00	36.10 1.49 0.00
NEG CENTRAL_HIGH_ACRES 23767	31.66 -1.08 -0.08	29.85 -0.92 -0.08	29.24 -0.75 -0.06	28.94 -0.83 -0.05	28.79 -0.95 -0.05	33.49 -1.07 -0.08	42.67 -1.36 -0.05	52.58 -1.96 -0.13	53.57 -1.82 -0.23	51.10 -1.52 -0.30	49.96 -1.37 -0.32	46.42 -1.18 -0.21	43.42 -1.11 -0.15	42.00 -1.16 -0.10	41.27 -1.19 -0.10	41.96 -1.39 -0.06	47.27 -1.87 -0.05	56.63 -2.42 0.00	65.63 -2.23 -0.13	63.98 -2.25 -0.14	49.74 -1.33 -0.01	42.45 -0.91 -0.02	36.52 -0.97 -0.01	33.73 -0.93 -0.05

NEG CENTRAL___DRP 24199	32.68 -0.16 -0.18	30.73 -0.15 -0.19	30.04 -0.03 -0.14	29.82 -0.03 -0.12	29.70 -0.12 -0.12	34.56 -0.10 -0.19	43.98 -0.13 -0.12	54.66 -0.05 -0.30	55.62 -0.11 -0.56	52.90 -0.16 -0.74	51.59 -0.20 -0.78	47.72 -0.19 -0.51	44.52 -0.22 -0.37	43.04 -0.26 -0.25	42.31 -0.30 -0.25	43.09 -0.35 -0.15	48.76 -0.44 -0.11	58.58 -0.47 0.00	68.05 0.00 -0.32	66.48 0.07 -0.33	51.34 0.26 -0.03	43.65 0.26 -0.05	37.62 0.11 -0.03	34.77 0.03 -0.12
NEG CENTRAL___INDECK 23768	32.99 0.33 0.00	31.12 0.43 0.00	30.62 0.69 0.00	30.26 0.54 0.00	29.99 0.30 0.00	34.79 0.31 0.00	44.34 0.35 0.00	54.46 0.05 0.00	55.11 -0.06 0.00	52.00 -0.31 0.00	50.40 -0.61 0.00	46.68 -0.71 0.00	43.58 -0.80 0.00	42.28 -0.77 0.00	41.63 -0.72 0.00	42.55 -0.74 0.00	48.20 -0.88 0.00	58.41 -0.65 0.00	68.54 0.82 0.00	67.08 0.99 0.00	52.33 1.28 0.00	44.64 1.30 0.00	38.35 0.86 0.00	35.34 0.73 0.00
NEG CENTRAL___SENECA 23627	32.67 -0.10 -0.11	30.77 -0.03 -0.11	30.13 0.12 -0.08	29.88 0.09 -0.07	29.74 -0.03 -0.07	34.59 0.00 -0.11	43.97 -0.09 -0.07	54.53 -0.05 -0.18	55.38 -0.11 -0.33	52.59 -0.16 -0.43	51.21 -0.26 -0.45	47.41 -0.28 -0.30	44.32 -0.27 -0.21	42.85 -0.34 -0.14	42.12 -0.38 -0.14	42.94 -0.43 -0.09	48.61 -0.54 -0.07	58.47 -0.59 0.00	68.05 0.14 -0.19	66.48 0.20 -0.19	51.48 0.41 -0.02	43.80 0.43 -0.03	37.80 0.30 -0.01	34.86 0.17 -0.07
NEG CENTRAL___STATE_STREET 24147	32.69 -0.20 -0.22	30.74 -0.18 -0.23	30.01 -0.09 -0.17	29.79 -0.09 -0.15	29.69 -0.15 -0.15	34.61 -0.10 -0.23	44.14 0.00 -0.15	54.89 0.11 -0.38	55.97 0.11 -0.70	53.28 0.05 -0.92	52.03 0.05 -0.96	48.07 0.05 -0.63	44.83 0.00 -0.46	43.36 0.00 -0.31	42.62 -0.04 -0.31	43.34 -0.13 -0.19	49.08 -0.15 -0.14	58.88 -0.18 0.00	68.32 0.20 -0.39	66.76 0.26 -0.40	51.35 0.26 -0.04	43.66 0.26 -0.06	37.59 0.07 -0.03	34.73 -0.03 -0.15
NEG MILLWOOD___DRP 24198	34.82 2.16 0.00	32.60 1.90 0.00	31.70 1.77 0.00	31.39 1.66 0.00	31.39 1.69 0.00	36.48 2.00 0.00	46.45 2.46 0.00	57.96 3.48 -0.07	58.41 3.14 -0.10	55.30 2.98 0.00	54.29 3.01 -0.26	50.19 2.80 0.00	47.17 2.80 0.00	45.85 2.80 0.00	45.11 2.75 0.00	46.10 2.81 0.00	52.23 3.14 0.00	62.90 3.84 0.00	72.40 4.67 0.00	70.87 4.49 -0.29	54.17 3.11 0.00	45.85 2.51 0.00	39.85 2.36 0.00	36.62 2.01 0.00
NEG NORTH_FLCN_SEA 23793	32.31 -0.36 0.00	30.36 -0.34 0.00	29.48 -0.45 0.00	29.37 -0.36 0.00	29.40 -0.30 0.00	34.00 -0.48 0.00	42.98 -1.01 0.00	52.88 -1.52 0.00	54.23 -0.94 0.00	51.58 -0.73 0.00	50.50 -0.51 0.00	47.20 -0.19 0.00	44.06 -0.31 0.00	42.84 -0.22 0.00	42.48 0.13 0.00	43.07 -0.22 0.00	48.94 -0.15 0.00	58.76 -0.30 0.00	66.71 -1.02 0.00	65.23 -0.86 0.00	49.98 -1.07 0.00	42.64 -0.69 0.00	36.70 -0.79 0.00	33.99 -0.62 0.00
NEG NORTH_KES_CHATEGAY 23792	32.44 -0.23 0.00	30.51 -0.18 0.00	29.66 -0.27 0.00	29.51 -0.21 0.00	29.55 -0.15 0.00	34.20 -0.28 0.00	43.72 -0.26 0.00	53.97 -0.44 0.00	55.00 -0.17 0.00	52.16 -0.16 0.00	50.91 -0.10 0.00	47.44 0.05 0.00	44.29 -0.09 0.00	43.06 0.00 0.00	42.40 0.04 0.00	43.33 0.04 0.00	49.28 0.20 0.00	59.29 0.24 0.00	67.53 -0.20 0.00	66.02 -0.07 0.00	50.75 -0.31 0.00	43.03 -0.30 0.00	37.11 -0.37 0.00	34.37 -0.24 0.00
NEG NORTH___ALICE_FALLS 23915	32.47 -0.20 0.00	30.54 -0.15 0.00	29.66 -0.27 0.00	29.57 -0.15 0.00	29.61 -0.09 0.00	34.20 -0.28 0.00	43.55 -0.44 0.00	53.64 -0.76 0.00	54.94 -0.22 0.00	52.16 -0.16 0.00	51.01 0.00 0.00	47.63 0.24 0.00	44.46 0.09 0.00	43.23 0.17 0.00	42.69 0.34 0.00	43.46 0.17 0.00	49.48 0.39 0.00	59.47 0.41 0.00	67.53 -0.20 0.00	66.09 0.00 0.00	50.65 -0.41 0.00	43.08 -0.26 0.00	37.04 -0.45 0.00	34.34 -0.28 0.00
NEG NORTH___LWR_SARANAC 23913	32.47 -0.20 0.00	30.54 -0.15 0.00	29.66 -0.27 0.00	29.57 -0.15 0.00	29.61 -0.09 0.00	34.20 -0.28 0.00	43.55 -0.44 0.00	53.64 -0.76 0.00	54.94 -0.22 0.00	52.16 -0.16 0.00	51.01 0.00 0.00	47.63 0.24 0.00	44.46 0.09 0.00	43.23 0.17 0.00	42.69 0.34 0.00	43.46 0.17 0.00	49.48 0.39 0.00	59.47 0.41 0.00	67.53 -0.20 0.00	66.09 0.00 0.00	50.65 -0.41 0.00	43.08 -0.26 0.00	37.04 -0.45 0.00	34.34 -0.28 0.00
NEG NORTH___PLATTSBURG 23628	32.47 -0.19 0.00	30.54 -0.15 0.00	29.66 -0.27 0.00	29.57 -0.15 0.00	29.61 -0.09 0.00	34.20 -0.28 0.00	43.55 -0.44 0.00	53.64 -0.76 0.00	54.95 -0.22 0.00	52.16 -0.16 0.00	51.01 0.00 0.00	47.63 0.24 0.00	44.46 0.09 0.00	43.23 0.17 0.00	42.31 -0.04 0.00	43.46 0.17 0.00	49.48 0.39 0.00	59.47 0.42 0.00	67.53 -0.20 0.00	66.09 0.00 0.00	50.64 -0.41 0.00	42.77 -0.56 0.00	37.04 -0.45 0.00	34.33 -0.28 0.00
NEG WEST_LEA_LOCKPORT 23791	31.72 -0.95 0.00	29.93 -0.77 0.00	29.45 -0.48 0.00	29.28 -0.45 0.00	28.98 -0.71 0.00	33.24 -1.24 0.00	41.70 -2.29 0.00	50.11 -4.30 0.00	50.70 -4.47 0.00	48.55 -3.77 0.00	47.34 -3.67 0.00	44.22 -3.18 0.00	41.49 -2.88 0.00	39.96 -3.10 0.00	39.52 -2.84 0.00	40.51 -2.77 0.00	45.01 -4.07 0.00	53.98 -5.08 0.00	62.78 -4.94 0.00	61.33 -4.76 0.00	48.76 -2.30 0.00	42.43 -0.91 0.00	36.59 -0.90 0.00	34.02 -0.59 0.00
NEG WEST___LANCASTR 23811	31.46 -1.21 0.00	29.68 -1.01 0.00	29.18 -0.75 0.00	28.89 -0.83 0.00	28.63 -1.07 0.00	32.86 -1.62 0.00	41.53 -2.46 0.00	50.27 -4.13 0.00	50.64 -4.52 0.00	48.23 -4.08 0.00	46.88 -4.13 0.00	43.79 -3.60 0.00	41.09 -3.28 0.00	39.57 -3.49 0.00	39.14 -3.22 0.00	40.17 -3.12 0.00	44.91 -4.17 0.00	54.15 -4.90 0.00	63.12 -4.61 0.00	61.93 -4.16 0.00	48.86 -2.20 0.00	42.21 -1.13 0.00	36.51 -0.97 0.00	33.82 -0.80 0.00
NEG_PENN_ALLEGHNY 23528	32.86 0.20 0.00	30.91 0.22 0.00	30.26 0.33 0.00	29.99 0.27 0.00	29.90 0.21 0.00	34.69 0.21 0.00	44.25 0.27 0.00	54.84 0.43 0.00	55.50 0.33 0.00	52.63 0.32 0.00	51.27 0.26 0.00	47.63 0.24 0.00	44.64 0.27 0.00	43.27 0.22 0.00	42.61 0.26 0.00	43.46 0.17 0.00	49.18 0.10 0.00	59.18 0.12 0.00	68.34 0.61 0.00	66.82 0.73 0.00	51.82 0.77 0.00	44.12 0.78 0.00	38.05 0.56 0.00	35.06 0.45 0.00
NEG___GEN_MONROE 24207	32.34 -0.33 0.00	30.45 -0.25 0.00	29.90 -0.03 0.00	29.57 -0.15 0.00	29.43 -0.27 0.00	34.14 -0.34 0.00	43.28 -0.70 0.00	52.88 -1.52 0.00	53.68 -1.49 0.00	51.22 -1.10 0.00	50.04 -0.97 0.00	46.59 -0.81 0.00	43.58 -0.80 0.00	42.11 -0.95 0.00	41.42 -0.93 0.00	42.24 -1.04 0.00	47.37 -1.72 0.00	56.93 -2.13 0.00	65.97 -1.76 0.00	64.44 -1.65 0.00	50.49 -0.56 0.00	43.25 -0.09 0.00	37.22 -0.26 0.00	34.47 -0.14 0.00
NEPA___ENERGY 23901	32.05 -0.62 0.00	30.23 -0.46 0.00	29.69 -0.24 0.00	29.31 -0.42 0.00	29.07 -0.62 0.00	33.38 -1.10 0.00	42.14 -1.85 0.00	51.09 -3.32 0.00	51.41 -3.75 0.00	48.86 -3.45 0.00	47.54 -3.47 0.00	44.36 -3.03 0.00	41.67 -2.71 0.00	40.17 -2.88 0.00	39.73 -2.63 0.00	40.77 -2.51 0.00	45.65 -3.44 0.00	55.16 -3.90 0.00	64.34 -3.39 0.00	63.18 -2.91 0.00	49.83 -1.23 0.00	42.99 -0.35 0.00	37.19 -0.30 0.00	34.40 -0.21 0.00

NEVERSINK___HYD 23608	34.76 2.09 0.00	32.57 1.87 0.00	31.67 1.74 0.00	31.36 1.63 0.00	31.27 1.57 0.00	36.34 1.86 0.00	46.41 2.42 0.00	57.94 3.48 -0.05	58.49 3.25 -0.07	55.40 3.09 0.00	54.16 2.96 -0.19	50.11 2.70 -0.01	47.04 2.66 0.00	45.68 2.63 0.00	44.98 2.63 0.00	45.92 2.64 0.00	52.18 3.09 0.00	63.01 3.96 0.00	72.67 4.94 0.00	71.12 4.82 -0.20	54.48 3.42 0.00	46.07 2.73 0.00	39.92 2.44 0.00	36.65 2.04 0.00
NEWKRMKL_115KV_TB1 55635	33.32 0.65 0.00	31.37 0.68 0.00	30.47 0.54 0.00	30.26 0.53 0.00	30.23 0.53 0.00	35.10 0.62 0.00	44.43 0.44 0.00	55.01 0.65 0.05	55.59 0.50 0.07	52.84 0.52 0.00	51.33 0.51 0.19	47.77 0.38 0.00	44.82 0.44 0.00	43.53 0.47 0.00	42.86 0.51 0.00	43.80 0.52 0.00	49.16 0.64 0.56	52.43 0.77 7.40	68.54 0.81 0.00	66.61 0.73 0.21	51.46 0.41 0.00	43.68 0.35 0.00	38.01 0.52 0.00	35.17 0.55 0.00
NEWTON___FALLS_HYD 23847	33.04 0.26 -0.11	31.05 0.25 -0.12	30.29 0.27 -0.08	30.12 0.33 -0.08	30.06 0.30 -0.07	35.08 0.48 -0.11	45.34 1.28 -0.07	56.11 1.52 -0.19	57.24 1.71 -0.36	54.21 1.41 -0.48	52.95 1.43 -0.50	48.91 1.18 -0.33	45.37 0.75 -0.24	43.82 0.60 -0.16	43.02 0.51 -0.16	43.99 0.61 -0.10	49.65 0.49 -0.07	59.53 0.47 0.00	68.40 0.47 -0.19	67.28 0.99 -0.20	51.84 0.77 -0.02	44.23 0.87 -0.03	38.06 0.56 -0.02	35.20 0.52 -0.07
NGRID_A1_DSASP 323792	31.75 -0.91 0.00	30.11 -0.58 0.00	29.57 -0.36 0.00	28.86 -0.86 0.00	28.63 -1.07 0.00	33.27 -1.21 0.00	41.30 -2.68 0.00	49.62 -4.79 0.00	50.20 -4.96 0.00	48.13 -4.19 0.00	46.88 -4.13 0.00	43.84 -3.56 0.00	41.14 -3.24 0.00	39.74 -3.31 0.00	39.30 -3.05 0.00	40.21 -3.07 0.00	44.62 -4.47 0.00	53.44 -5.61 0.00	61.97 -5.76 0.00	60.54 -5.55 0.00	48.25 -2.81 0.00	42.04 -1.30 0.00	36.28 -1.20 0.00	33.85 -0.76 0.00
NGRID_A2_DSASP 323793	31.75 -0.91 0.00	30.11 -0.58 0.00	29.57 -0.36 0.00	28.86 -0.86 0.00	28.63 -1.07 0.00	33.27 -1.21 0.00	41.30 -2.68 0.00	49.62 -4.79 0.00	50.20 -4.96 0.00	48.13 -4.19 0.00	46.88 -4.13 0.00	43.84 -3.56 0.00	41.14 -3.24 0.00	39.74 -3.31 0.00	39.30 -3.05 0.00	40.21 -3.07 0.00	44.62 -4.47 0.00	53.44 -5.61 0.00	61.97 -5.76 0.00	60.54 -5.55 0.00	48.25 -2.81 0.00	42.04 -1.30 0.00	36.28 -1.20 0.00	33.85 -0.76 0.00
NGRID_A4_DSASP 323807	31.75 -0.91 0.00	30.11 -0.58 0.00	29.57 -0.36 0.00	28.86 -0.86 0.00	28.63 -1.07 0.00	33.27 -1.21 0.00	41.30 -2.68 0.00	49.62 -4.79 0.00	50.20 -4.96 0.00	48.13 -4.19 0.00	46.88 -4.13 0.00	43.84 -3.56 0.00	41.14 -3.24 0.00	39.74 -3.31 0.00	39.30 -3.05 0.00	40.21 -3.07 0.00	44.62 -4.47 0.00	53.44 -5.61 0.00	61.97 -5.76 0.00	60.54 -5.55 0.00	48.25 -2.81 0.00	42.04 -1.30 0.00	36.28 -1.20 0.00	33.85 -0.76 0.00
NIAGARA_115E_LBMP 323715	31.30 -1.37 0.00	29.62 -1.08 0.00	29.09 -0.84 0.00	29.04 -0.68 0.00	28.77 -0.92 0.00	32.79 -1.69 0.00	41.04 -2.95 0.00	49.35 -5.06 0.00	49.92 -5.24 0.00	47.81 -4.50 0.00	46.63 -4.39 0.00	43.56 -3.84 0.00	40.87 -3.51 0.00	39.48 -3.57 0.00	39.01 -3.35 0.00	39.95 -3.33 0.00	44.37 -4.71 0.00	53.15 -5.91 0.00	61.70 -6.03 0.00	60.27 -5.82 0.00	47.99 -3.06 0.00	41.82 -1.52 0.00	36.06 -1.42 0.00	33.57 -1.04 0.00
NIAGARA_115W_LBMP 323714	31.72 -0.95 0.00	30.08 -0.61 0.00	29.54 -0.39 0.00	28.80 -0.92 0.00	28.57 -1.13 0.00	33.21 -1.28 0.00	41.17 -2.82 0.00	49.45 -4.95 0.00	50.09 -5.07 0.00	47.97 -4.34 0.00	46.78 -4.23 0.00	43.70 -3.70 0.00	41.00 -3.37 0.00	39.61 -3.45 0.00	39.18 -3.18 0.00	40.08 -3.20 0.00	44.52 -4.56 0.00	53.27 -5.79 0.00	61.84 -5.89 0.00	60.34 -5.75 0.00	48.09 -2.96 0.00	41.91 -1.43 0.00	36.14 -1.35 0.00	33.78 -0.83 0.00
NIAGARA_230_LBMP 323716	31.69 -0.98 0.00	29.99 -0.70 0.00	29.45 -0.48 0.00	29.04 -0.68 0.00	28.80 -0.89 0.00	33.21 -1.28 0.00	41.53 -2.46 0.00	50.00 -4.40 0.00	50.59 -4.58 0.00	48.44 -3.87 0.00	47.24 -3.77 0.00	44.12 -3.27 0.00	41.40 -2.97 0.00	40.00 -3.06 0.00	39.56 -2.80 0.00	40.42 -2.86 0.00	44.96 -4.12 0.00	53.86 -5.20 0.00	62.51 -5.21 0.00	61.00 -5.09 0.00	48.55 -2.50 0.00	42.25 -1.08 0.00	36.44 -1.05 0.00	33.92 -0.69 0.00
NIAGARA___115KV_198_GIBSON 55903	31.72 -0.95 0.00	29.96 -0.74 0.00	29.48 -0.45 0.00	28.80 -0.92 0.00	28.57 -1.13 0.00	33.20 -1.28 0.00	41.17 -2.82 0.00	49.45 -4.95 0.00	50.03 -5.13 0.00	47.97 -4.34 0.00	46.78 -4.23 0.00	43.74 -3.65 0.00	41.00 -3.37 0.00	39.53 -3.53 0.00	39.14 -3.22 0.00	40.08 -3.20 0.00	44.47 -4.61 0.00	53.27 -5.79 0.00	61.84 -5.89 0.00	60.34 -5.75 0.00	48.09 -2.96 0.00	41.91 -1.43 0.00	36.14 -1.35 0.00	33.75 -0.87 0.00
NIAGARA____ 23760	31.69 -0.98 0.00	29.99 -0.70 0.00	29.45 -0.48 0.00	29.04 -0.68 0.00	28.80 -0.89 0.00	33.21 -1.28 0.00	41.53 -2.46 0.00	50.00 -4.40 0.00	50.59 -4.58 0.00	48.44 -3.87 0.00	47.24 -3.77 0.00	44.12 -3.27 0.00	41.40 -2.97 0.00	40.00 -3.06 0.00	39.56 -2.80 0.00	40.42 -2.86 0.00	44.96 -4.12 0.00	53.86 -5.20 0.00	62.51 -5.21 0.00	61.00 -5.09 0.00	48.55 -2.50 0.00	42.25 -1.08 0.00	36.44 -1.05 0.00	33.92 -0.69 0.00
NINE_MILE_1 23575	28.95 -1.05 2.67	26.90 -0.98 2.81	26.96 -0.93 2.04	26.98 -0.92 1.82	26.98 -0.95 1.76	30.61 -1.10 2.76	40.87 -1.36 1.76	48.22 -1.69 4.50	45.05 -1.71 8.41	39.60 -1.62 11.09	37.79 -1.58 11.64	38.26 -1.47 7.66	37.50 -1.38 5.50	38.03 -1.34 3.69	37.33 -1.31 3.71	39.66 -1.39 2.24	45.72 -1.67 1.70	57.11 -1.95 0.00	60.87 -2.17 4.69	59.21 -2.05 4.83	49.09 -1.53 0.43	41.39 -1.21 0.74	35.99 -1.12 0.37	31.77 -1.07 1.77
NINE_MILE_2 23744	28.93 -1.05 2.69	26.87 -0.98 2.84	26.94 -0.93 2.06	26.96 -0.92 1.84	26.96 -0.95 1.78	30.63 -1.07 2.79	40.85 -1.36 1.77	48.18 -1.69 4.54	44.97 -1.71 8.48	39.50 -1.62 11.19	37.68 -1.58 11.75	38.19 -1.47 7.73	37.45 -1.38 5.55	38.00 -1.34 3.72	37.30 -1.31 3.74	39.64 -1.39 2.26	45.75 -1.62 1.71	57.11 -1.95 0.00	60.90 -2.10 4.73	59.17 -2.05 4.87	49.09 -1.53 0.44	41.38 -1.21 0.74	35.99 -1.12 0.37	31.75 -1.07 1.79
NM_CAPITAL___DRP 24208	33.45 0.78 0.00	31.46 0.77 0.00	30.56 0.63 0.00	30.35 0.62 0.00	30.32 0.62 0.00	35.24 0.76 0.00	44.65 0.66 0.00	54.95 0.60 0.06	55.53 0.44 0.08	52.78 0.47 0.00	51.26 0.46 0.21	47.77 0.38 0.00	44.77 0.40 0.00	43.49 0.43 0.00	42.86 0.51 0.00	43.80 0.52 0.00	49.08 0.64 0.64	51.36 0.77 8.47	68.47 0.75 0.00	66.53 0.66 0.22	51.46 0.41 0.00	43.73 0.39 0.00	38.01 0.52 0.00	35.17 0.55 0.00
NM_CENTRAL___DRP 24181	32.26 -0.49 -0.09	30.32 -0.46 -0.09	29.61 -0.39 -0.07	29.39 -0.39 -0.06	29.31 -0.45 -0.06	34.12 -0.45 -0.09	43.56 -0.48 -0.06	54.01 -0.54 -0.15	54.83 -0.55 -0.21	52.18 -0.42 -0.28	50.90 -0.41 -0.29	47.16 -0.43 -0.19	44.16 -0.36 -0.14	42.76 -0.39 -0.09	42.07 -0.38 -0.09	42.86 -0.48 -0.06	48.49 -0.64 -0.04	58.23 -0.83 0.00	67.14 -0.75 -0.15	65.59 -0.66 -0.16	50.66 -0.41 -0.01	43.06 -0.30 -0.02	37.12 -0.37 -0.01	34.25 -0.42 -0.06

NM_FRONTIER___DRP 24179	31.72 -0.95 0.00	29.96 -0.74 0.00	29.48 -0.45 0.00	28.80 -0.92 0.00	28.57 -1.13 0.00	33.20 -1.28 0.00	41.17 -2.82 0.00	49.45 -4.95 0.00	50.03 -5.13 0.00	47.97 -4.34 0.00	46.78 -4.23 0.00	43.74 -3.65 0.00	41.00 -3.37 0.00	39.53 -3.53 0.00	39.14 -3.22 0.00	40.08 -3.20 0.00	44.47 -4.61 0.00	53.27 -5.79 0.00	61.84 -5.89 0.00	60.34 -5.75 0.00	48.09 -2.96 0.00	41.91 -1.43 0.00	36.14 -1.35 0.00	33.75 -0.87 0.00
NM_ST_REGIS___HYD 24053	33.03 0.36 0.00	31.06 0.37 0.00	30.26 0.33 0.00	30.17 0.45 0.00	30.14 0.45 0.00	34.93 0.45 0.00	45.04 1.06 0.00	55.44 1.03 0.00	56.54 1.38 0.00	53.41 1.10 0.00	52.29 1.28 0.00	48.63 1.23 0.00	45.26 0.89 0.00	43.92 0.86 0.00	43.07 0.72 0.00	44.15 0.87 0.00	49.97 0.88 0.00	59.88 0.83 0.00	68.27 0.54 0.00	67.02 0.93 0.00	51.77 0.71 0.00	44.07 0.74 0.00	37.97 0.49 0.00	35.17 0.55 0.00
NORTHPORT___1 23551	34.66 1.99 0.00	32.26 1.56 0.00	31.28 1.35 0.00	30.97 1.25 0.00	31.03 1.34 0.00	36.14 1.66 0.00	44.15 0.88 0.72	55.86 1.52 0.06	55.45 1.27 0.99	52.01 1.15 1.45	52.83 1.53 -0.28	47.58 1.42 1.24	45.84 1.55 0.09	44.38 1.34 0.01	44.30 1.95 0.00	45.18 1.90 0.00	51.04 1.97 0.01	61.71 2.66 0.00	71.18 3.45 0.00	69.45 3.04 -0.31	52.57 1.53 0.01	44.59 1.26 0.01	39.55 2.06 0.00	36.38 1.76 0.00
NORTHPORT___2 23552	34.66 1.99 0.00	32.26 1.56 0.00	31.28 1.35 0.00	30.97 1.25 0.00	31.03 1.34 0.00	36.14 1.66 0.00	44.15 0.88 0.72	55.86 1.52 0.06	55.45 1.27 0.99	52.01 1.15 1.45	52.83 1.53 -0.28	47.58 1.42 1.24	45.84 1.55 0.09	44.38 1.34 0.01	44.30 1.95 0.00	45.18 1.90 0.00	51.04 1.97 0.01	61.71 2.66 0.00	71.18 3.45 0.00	69.45 3.04 -0.31	52.57 1.53 0.01	44.59 1.26 0.01	39.55 2.06 0.00	36.38 1.76 0.00
NORTHPORT___3 23553	34.59 1.93 0.00	32.20 1.50 0.00	31.22 1.29 0.00	30.91 1.19 0.00	30.97 1.28 0.00	36.07 1.59 0.00	44.06 0.79 0.72	55.75 1.41 0.06	55.34 1.16 0.98	51.97 1.10 1.45	52.72 1.43 -0.28	47.49 1.33 1.23	45.75 1.46 0.09	44.29 1.25 0.01	44.26 1.91 0.00	45.10 1.82 0.00	50.94 1.86 0.01	61.59 2.54 0.00	71.11 3.38 0.00	69.38 2.98 -0.31	52.47 1.43 0.01	44.50 1.17 0.01	39.47 1.99 0.00	36.34 1.73 0.00
NORTHPORT___4 23650	34.59 1.93 0.00	32.20 1.50 0.00	31.22 1.29 0.00	30.91 1.19 0.00	30.97 1.28 0.00	36.07 1.59 0.00	44.06 0.79 0.72	55.75 1.41 0.06	55.34 1.16 0.98	51.97 1.10 1.45	52.72 1.43 -0.28	47.49 1.33 1.23	45.75 1.46 0.09	44.29 1.25 0.01	44.26 1.91 0.00	45.10 1.82 0.00	50.94 1.86 0.01	61.59 2.54 0.00	71.11 3.38 0.00	69.38 2.98 -0.31	52.47 1.43 0.01	44.50 1.17 0.01	39.47 1.99 0.00	36.34 1.73 0.00
NORTHPORT___IC 23718	34.66 1.99 0.00	32.26 1.57 0.00	31.28 1.35 0.00	30.97 1.25 0.00	31.03 1.34 0.00	36.14 1.66 0.00	44.15 0.88 0.72	55.92 1.58 0.06	55.50 1.32 0.99	52.06 1.20 1.45	52.83 1.53 -0.28	47.58 1.42 1.24	45.84 1.55 0.09	44.85 1.81 0.01	44.21 1.86 0.00	45.18 1.90 0.00	51.04 1.96 0.01	61.71 2.66 0.00	71.18 3.45 0.00	69.45 3.04 -0.32	52.57 1.53 0.01	44.54 1.21 0.01	39.66 2.17 0.00	36.45 1.83 0.00
NORTH___COUNTRY_ESR 323785	32.34 -0.33 0.00	30.42 -0.28 0.00	29.60 -0.33 0.00	29.45 -0.27 0.00	29.46 -0.24 0.00	34.14 -0.34 0.00	43.55 -0.44 0.00	53.81 -0.60 0.00	54.89 -0.27 0.00	52.05 -0.26 0.00	50.91 -0.10 0.00	47.39 0.00 0.00	44.29 -0.09 0.00	43.06 0.00 0.00	42.19 -0.17 0.00	43.28 0.00 0.00	49.18 0.10 0.00	59.12 0.06 0.00	67.39 -0.34 0.00	65.76 -0.33 0.00	50.59 -0.46 0.00	42.77 -0.56 0.00	37.00 -0.49 0.00	34.27 -0.35 0.00
NPX_GEN_1385_PROXY 323591	34.40 1.73 0.00	32.11 1.41 0.00	31.19 1.26 0.00	30.85 1.13 0.00	30.91 1.22 0.00	36.00 1.52 0.00	43.93 0.66 0.72	55.27 0.92 0.06	54.51 0.33 0.99	51.33 0.47 1.45	52.01 0.71 -0.28	46.82 0.66 1.24	45.26 0.98 0.09	43.82 0.78 0.01	43.92 1.57 0.00	44.79 1.51 0.00	50.74 1.67 0.01	61.30 2.24 0.00	70.16 2.43 0.00	68.46 2.05 -0.31	51.96 0.92 0.01	44.11 0.78 0.01	39.06 1.57 0.00	35.89 1.28 0.00
NPX_GEN_CSC 323557	34.40 1.73 0.00	31.95 1.26 0.00	30.98 1.05 0.00	30.67 0.95 0.00	30.73 1.04 0.00	35.86 1.38 0.00	43.85 0.57 0.71	55.54 1.20 0.06	55.13 0.94 0.97	51.71 0.83 1.44	52.57 1.28 -0.28	47.26 1.09 1.22	45.52 1.24 0.09	44.12 1.08 0.01	44.13 1.78 0.00	44.96 1.69 0.00	50.79 1.72 0.01	61.47 2.42 0.00	71.11 3.38 0.00	69.38 2.98 -0.31	52.37 1.33 0.01	44.45 1.12 0.01	39.25 1.76 0.00	36.21 1.59 0.00
NSINS_S_GLNS_FALLS 23858	34.14 1.47 0.00	32.04 1.35 0.00	31.22 1.29 0.00	30.97 1.25 0.00	30.94 1.25 0.00	35.89 1.41 0.00	45.75 1.76 0.00	56.74 2.39 0.06	57.29 2.21 0.08	54.41 2.09 0.00	52.74 1.94 0.21	48.96 1.56 0.00	45.80 1.42 0.00	44.39 1.33 0.00	43.71 1.36 0.00	44.71 1.43 0.00	51.35 1.87 -0.40	66.77 2.48 -5.23	70.57 2.84 0.00	68.50 2.64 0.23	52.94 1.89 0.00	44.90 1.56 0.00	38.80 1.31 0.00	35.86 1.25 0.00
NUCOR_STEEL___DRP 24197	32.78 -0.13 -0.24	30.82 -0.12 -0.25	30.09 -0.03 -0.18	29.86 -0.03 -0.16	29.74 -0.12 -0.16	34.66 -0.07 -0.25	44.19 0.04 -0.16	54.92 0.11 -0.41	56.03 0.11 -0.75	53.41 0.10 -0.99	52.16 0.10 -1.04	48.17 0.09 -0.69	44.91 0.04 -0.49	43.43 0.04 -0.33	42.69 0.00 -0.33	43.40 -0.09 -0.20	49.09 -0.15 -0.15	58.88 -0.18 0.00	68.29 0.14 -0.42	66.66 0.13 -0.44	51.35 0.26 -0.04	43.66 0.26 -0.07	37.59 0.07 -0.03	34.74 -0.03 -0.16
NUMBER_THREE_WT_PWR 323818	32.89 0.10 -0.12	30.88 0.06 -0.13	30.14 0.12 -0.09	29.95 0.15 -0.08	29.86 0.09 -0.08	35.19 0.59 -0.13	45.48 1.41 -0.08	56.57 1.96 -0.20	57.66 2.10 -0.40	54.62 1.78 -0.52	53.15 1.58 -0.55	48.94 1.19 -0.36	45.17 0.53 -0.26	43.57 0.34 -0.17	42.87 0.34 -0.17	43.73 0.34 -0.11	49.51 0.35 -0.08	59.53 0.47 0.00	68.69 0.75 -0.21	67.56 1.25 -0.22	51.94 0.87 -0.02	44.15 0.78 -0.03	37.99 0.49 -0.02	35.04 0.35 -0.08
NYISO_LBMP_REFERENCE 24008	32.67 0.00 0.00	30.69 0.00 0.00	29.93 0.00 0.00	29.72 0.00 0.00	29.69 0.00 0.00	34.48 0.00 0.00	43.99 0.00 0.00	54.40 0.00 0.00	55.17 0.00 0.00	52.31 0.00 0.00	51.01 0.00 0.00	47.39 0.00 0.00	44.38 0.00 0.00	43.06 0.00 0.00	42.35 0.00 0.00	43.28 0.00 0.00	49.08 0.00 0.00	59.06 0.00 0.00	67.73 0.00 0.00	66.09 0.00 0.00	51.05 0.00 0.00	43.34 0.00 0.00	37.49 0.00 0.00	34.61 0.00 0.00
NYPA_BRENTWD____GT 24164	35.02 2.35 0.00	32.57 1.87 0.00	31.61 1.68 0.00	31.27 1.54 0.00	31.36 1.66 0.00	36.55 2.07 0.00	44.36 1.05 0.69	56.20 1.85 0.06	55.77 1.54 0.94	52.34 1.41 1.38	53.64 2.35 -0.28	47.87 1.66 1.18	46.46 2.17 0.09	44.94 1.89 0.01	44.93 2.58 0.00	45.79 2.51 0.00	51.77 2.70 0.01	62.65 3.60 0.00	72.39 4.67 0.00	70.64 4.23 -0.31	53.44 2.40 0.01	45.28 1.95 0.01	40.00 2.51 0.00	36.76 2.15 0.00

OAKDALE___35_KV_LOAD 356122	32.73 0.07 0.00	30.79 0.09 0.00	30.11 0.18 0.00	29.87 0.15 0.00	29.78 0.09 0.00	34.51 0.03 0.00	43.99 0.00 0.00	54.30 -0.11 0.00	54.83 -0.33 0.00	52.00 -0.31 0.00	50.61 -0.41 0.00	47.06 -0.33 0.00	44.11 -0.27 0.00	42.75 -0.30 0.00	42.10 -0.25 0.00	42.98 -0.30 0.00	48.64 -0.44 0.00	58.64 -0.41 0.00	67.66 -0.07 0.00	66.16 0.07 0.00	51.36 0.31 0.00	43.68 0.35 0.00	37.75 0.26 0.00	34.79 0.17 0.00
OCC_CHEM___DRP 24175	31.75 -0.91 0.00	29.99 -0.71 0.00	29.51 -0.42 0.00	28.86 -0.86 0.00	28.63 -1.07 0.00	33.27 -1.21 0.00	41.31 -2.68 0.00	49.62 -4.79 0.00	50.15 -5.02 0.00	48.13 -4.19 0.00	46.88 -4.13 0.00	43.84 -3.55 0.00	41.14 -3.24 0.00	39.65 -3.40 0.00	39.26 -3.09 0.00	40.17 -3.12 0.00	44.62 -4.47 0.00	53.45 -5.61 0.00	61.97 -5.76 0.00	60.54 -5.55 0.00	48.25 -2.81 0.00	42.04 -1.30 0.00	36.25 -1.24 0.00	33.85 -0.76 0.00
OH_GEN_PROXY 24063	31.69 -0.98 0.00	29.99 -0.70 0.00	29.45 -0.48 0.00	29.04 -0.68 0.00	28.80 -0.89 0.00	33.24 -1.24 0.00	41.57 -2.42 0.00	50.11 -4.30 0.00	50.70 -4.47 0.00	48.50 -3.82 0.00	47.29 -3.72 0.00	44.17 -3.22 0.00	41.45 -2.93 0.00	40.04 -3.02 0.00	39.60 -2.75 0.00	40.47 -2.81 0.00	45.06 -4.02 0.00	54.04 -5.02 0.00	62.65 -5.08 0.00	61.20 -4.89 0.00	48.66 -2.40 0.00	42.30 -1.04 0.00	36.48 -1.01 0.00	33.92 -0.69 0.00
OLIN_CORP_DRP 24177	31.36 -1.31 0.00	29.62 -1.07 0.00	29.12 -0.81 0.00	29.04 -0.68 0.00	28.80 -0.89 0.00	32.89 -1.59 0.00	41.13 -2.86 0.00	49.45 -4.95 0.00	50.03 -5.13 0.00	47.97 -4.34 0.00	46.78 -4.23 0.00	43.70 -3.70 0.00	41.00 -3.37 0.00	39.48 -3.57 0.00	39.09 -3.26 0.00	40.04 -3.25 0.00	44.47 -4.61 0.00	53.33 -5.73 0.00	61.90 -5.82 0.00	60.47 -5.62 0.00	48.14 -2.91 0.00	41.91 -1.43 0.00	36.14 -1.35 0.00	33.64 -0.97 0.00
OLIN_CORP_DSASP 323712	31.75 -0.91 0.00	30.11 -0.58 0.00	29.57 -0.36 0.00	28.86 -0.86 0.00	28.63 -1.07 0.00	33.27 -1.21 0.00	41.30 -2.68 0.00	49.62 -4.79 0.00	50.20 -4.96 0.00	48.13 -4.19 0.00	46.88 -4.13 0.00	43.84 -3.56 0.00	41.14 -3.24 0.00	39.74 -3.31 0.00	39.30 -3.05 0.00	40.21 -3.07 0.00	44.62 -4.47 0.00	53.44 -5.61 0.00	61.97 -5.76 0.00	60.54 -5.55 0.00	48.25 -2.81 0.00	42.04 -1.30 0.00	36.28 -1.20 0.00	33.85 -0.76 0.00
ONEIDA_HERK_LFGE 323681	32.99 0.33 0.00	31.00 0.31 0.00	30.26 0.33 0.00	30.05 0.33 0.00	29.99 0.30 0.00	35.07 0.59 0.00	45.22 1.23 0.00	56.09 1.69 0.00	56.98 1.82 0.00	53.94 1.62 0.00	52.54 1.53 0.00	48.62 1.23 0.00	45.26 0.89 0.00	43.79 0.73 0.00	43.03 0.68 0.00	43.93 0.65 0.00	49.82 0.74 0.00	59.94 0.89 0.00	68.95 1.22 0.00	67.61 1.52 0.00	52.18 1.12 0.00	44.25 0.91 0.00	38.16 0.68 0.00	35.13 0.52 0.00
ONEIDA___115KV_TB4 55905	33.16 0.49 0.00	31.15 0.46 0.00	30.44 0.51 0.00	30.23 0.51 0.00	30.14 0.45 0.00	35.14 0.66 0.00	45.22 1.23 0.00	56.09 1.69 0.00	56.93 1.77 0.00	53.88 1.57 0.00	52.49 1.48 0.00	48.63 1.23 0.00	45.48 1.11 0.00	44.00 0.95 0.00	43.29 0.93 0.00	44.15 0.87 0.00	50.07 0.98 0.00	60.30 1.24 0.00	69.35 1.63 0.00	67.94 1.85 0.00	52.48 1.43 0.00	44.46 1.13 0.00	38.31 0.82 0.00	35.30 0.69 0.00
ONONDAGA_REF_OCCRA 23987	32.40 -0.36 -0.09	30.45 -0.34 -0.09	29.73 -0.27 -0.07	29.49 -0.30 -0.06	29.43 -0.33 -0.06	34.23 -0.34 -0.09	43.74 -0.31 -0.06	54.23 -0.33 -0.15	55.08 -0.33 -0.24	52.37 -0.26 -0.32	51.04 -0.31 -0.34	47.33 -0.28 -0.22	44.27 -0.27 -0.16	42.90 -0.26 -0.11	42.21 -0.25 -0.11	43.00 -0.35 -0.06	48.69 -0.44 -0.05	58.52 -0.53 0.00	67.48 -0.41 -0.16	65.92 -0.33 -0.16	50.92 -0.15 -0.01	43.27 -0.09 -0.02	37.27 -0.22 -0.01	34.39 -0.28 -0.06
ONONDAGA___COGEN 23986	32.63 -0.33 -0.29	30.66 -0.34 -0.30	29.91 -0.24 -0.22	29.68 -0.24 -0.20	29.59 -0.30 -0.19	34.50 -0.28 -0.30	43.91 -0.26 -0.19	54.67 -0.22 -0.48	55.84 -0.22 -0.90	53.34 -0.16 -1.19	52.11 -0.15 -1.24	48.02 -0.19 -0.82	44.79 -0.18 -0.59	43.28 -0.17 -0.39	42.54 -0.21 -0.40	43.22 -0.30 -0.24	48.87 -0.39 -0.18	58.52 -0.53 0.00	67.89 -0.34 -0.50	66.28 -0.33 -0.52	50.95 -0.15 -0.05	43.33 -0.09 -0.08	37.34 -0.19 -0.04	34.53 -0.28 -0.19
ONTARIO___LFGE 23819	32.67 -0.10 -0.11	30.77 -0.03 -0.11	30.16 0.15 -0.08	29.88 0.09 -0.07	29.74 -0.03 -0.07	34.59 0.00 -0.11	43.97 -0.09 -0.07	54.53 -0.05 -0.18	55.38 -0.11 -0.33	52.59 -0.16 -0.43	51.21 -0.25 -0.45	47.41 -0.28 -0.30	44.32 -0.26 -0.21	42.90 -0.30 -0.14	42.33 -0.17 -0.14	42.94 -0.43 -0.09	48.61 -0.54 -0.07	58.47 -0.59 0.00	68.05 0.14 -0.19	66.48 0.20 -0.19	51.48 0.41 -0.02	43.80 0.43 -0.03	37.80 0.30 -0.01	34.86 0.17 -0.07
ORANGEVILLE_WT_PWR 323706	31.75 -0.91 0.00	30.02 -0.68 0.00	29.51 -0.42 0.00	29.16 -0.57 0.00	28.83 -0.86 0.00	33.03 -1.45 0.00	41.57 -2.42 0.00	51.14 -3.26 0.00	51.52 -3.64 0.00	4.01 -3.66 44.64	4.01 -3.83 43.18	1.00 -3.56 42.84	1.00 -3.33 40.05	1.00 -3.23 38.83	1.00 -3.01 38.35	1.00 -3.25 39.04	1.00 -3.78 44.31	55.10 -3.96 0.00	64.89 -2.84 0.00	63.78 -2.32 0.00	50.03 -1.02 0.00	42.77 -0.56 0.00	37.04 -0.45 0.00	34.20 -0.41 0.00
ORANGEVILLE___ESR 323794	31.75 -0.91 0.00	30.02 -0.68 0.00	29.51 -0.42 0.00	29.16 -0.57 0.00	28.83 -0.86 0.00	33.03 -1.45 0.00	41.57 -2.42 0.00	51.14 -3.26 0.00	51.52 -3.64 0.00	4.01 -3.66 44.64	4.01 -3.83 43.18	1.00 -3.56 42.84	1.00 -3.33 40.05	1.00 -3.23 38.83	1.00 -3.01 38.35	1.00 -3.25 39.04	1.00 -3.78 44.31	55.10 -3.96 0.00	64.89 -2.84 0.00	63.78 -2.32 0.00	50.03 -1.02 0.00	42.77 -0.56 0.00	37.04 -0.45 0.00	34.20 -0.41 0.00
OSWEGATCHIE___HYD 24044	33.04 0.26 -0.11	31.05 0.24 -0.12	30.28 0.27 -0.08	30.12 0.33 -0.08	30.06 0.30 -0.07	35.08 0.48 -0.11	45.34 1.28 -0.07	56.11 1.52 -0.19	57.24 1.71 -0.36	54.21 1.41 -0.48	52.94 1.43 -0.50	48.91 1.19 -0.33	45.37 0.75 -0.24	43.82 0.60 -0.16	42.98 0.47 -0.16	43.99 0.61 -0.10	49.65 0.49 -0.07	59.53 0.47 0.00	68.40 0.48 -0.19	67.28 0.99 -0.20	51.84 0.77 -0.02	44.23 0.87 -0.03	38.06 0.56 -0.02	35.21 0.52 -0.07
OSWEGO___5 23606	33.55 -0.82 -1.70	31.72 -0.77 -1.80	30.55 -0.69 -1.31	30.17 -0.71 -1.16	30.08 -0.74 -1.13	35.42 -0.83 -1.76	44.10 -1.01 -1.12	55.97 -1.31 -2.87	59.25 -1.32 -5.41	58.20 -1.26 -7.14	57.29 -1.22 -7.50	51.19 -1.14 -4.93	46.85 -1.07 -3.54	44.40 -1.03 -2.37	43.73 -1.02 -2.39	43.64 -1.08 -1.44	48.85 -1.32 -1.09	57.52 -1.54 0.00	69.10 -1.63 -2.99	67.59 -1.59 -3.08	50.21 -1.12 -0.28	42.94 -0.87 -0.47	36.90 -0.82 -0.24	34.95 -0.79 -1.13
OSWEGO___6 23613	33.55 -0.82 -1.70	31.72 -0.77 -1.80	30.55 -0.69 -1.31	30.17 -0.71 -1.16	30.08 -0.74 -1.13	35.42 -0.83 -1.76	44.10 -1.01 -1.12	55.97 -1.31 -2.87	59.25 -1.32 -5.41	58.20 -1.26 -7.14	57.29 -1.22 -7.50	51.19 -1.14 -4.93	46.85 -1.07 -3.54	44.40 -1.03 -2.37	43.73 -1.02 -2.39	43.64 -1.08 -1.44	48.85 -1.32 -1.09	57.52 -1.54 0.00	69.10 -1.63 -2.99	67.59 -1.59 -3.08	50.21 -1.12 -0.28	42.94 -0.87 -0.47	36.90 -0.82 -0.24	34.95 -0.79 -1.13

OUTOKUMPU-AB___DRP 24206	32.01 -0.65 0.00	30.20 -0.49 0.00	29.75 -0.18 0.00	29.34 -0.39 0.00	29.04 -0.65 0.00	33.51 -0.97 0.00	41.97 -2.02 0.00	50.43 -3.97 0.00	51.03 -4.14 0.00	48.91 -3.40 0.00	47.65 -3.37 0.00	44.50 -2.89 0.00	41.76 -2.62 0.00	40.21 -2.84 0.00	39.81 -2.54 0.00	40.82 -2.47 0.00	45.31 -3.78 0.00	54.39 -4.67 0.00	63.26 -4.47 0.00	61.86 -4.23 0.00	49.17 -1.89 0.00	42.73 -0.61 0.00	36.92 -0.56 0.00	34.34 -0.28 0.00
OXBOW___BTM 323836	31.92 -0.75 0.00	30.23 -0.46 0.00	29.72 -0.21 0.00	29.13 -0.59 0.00	28.86 -0.83 0.00	33.41 -1.07 0.00	41.70 -2.29 0.00	50.11 -4.30 0.00	50.75 -4.42 0.00	48.60 -3.71 0.00	47.34 -3.67 0.00	44.22 -3.17 0.00	41.53 -2.84 0.00	40.09 -2.97 0.00	39.60 -2.75 0.00	40.60 -2.68 0.00	45.06 -4.02 0.00	53.98 -5.08 0.00	62.72 -5.01 0.00	61.33 -4.76 0.00	48.81 -2.25 0.00	42.47 -0.87 0.00	36.66 -0.82 0.00	34.16 -0.45 0.00
OXBOW___ 24026	31.92 -0.75 0.00	30.14 -0.55 0.00	29.66 -0.27 0.00	29.13 -0.59 0.00	28.86 -0.83 0.00	33.41 -1.07 0.00	41.70 -2.29 0.00	50.11 -4.30 0.00	50.70 -4.47 0.00	48.60 -3.71 0.00	47.34 -3.67 0.00	44.27 -3.13 0.00	41.54 -2.84 0.00	40.00 -3.06 0.00	39.60 -2.75 0.00	40.56 -2.73 0.00	45.06 -4.02 0.00	53.98 -5.08 0.00	62.72 -5.01 0.00	61.33 -4.76 0.00	48.81 -2.25 0.00	42.43 -0.91 0.00	36.66 -0.82 0.00	34.16 -0.45 0.00
OXY_CHEM_DSASP 323612	31.75 -0.91 0.00	29.99 -0.71 0.00	29.51 -0.42 0.00	28.86 -0.86 0.00	28.63 -1.07 0.00	33.27 -1.21 0.00	41.31 -2.68 0.00	49.62 -4.79 0.00	50.15 -5.02 0.00	48.13 -4.19 0.00	46.88 -4.13 0.00	43.84 -3.55 0.00	41.14 -3.24 0.00	39.65 -3.40 0.00	39.26 -3.09 0.00	40.17 -3.12 0.00	44.62 -4.47 0.00	53.45 -5.61 0.00	61.97 -5.76 0.00	60.54 -5.55 0.00	48.25 -2.81 0.00	42.04 -1.30 0.00	36.25 -1.24 0.00	33.85 -0.76 0.00
OZONE_PARK_ESR 323760	35.31 2.65 0.00	33.03 2.33 0.00	32.03 2.10 0.00	31.65 1.93 0.00	31.68 1.99 0.00	36.89 2.41 0.00	46.94 2.95 0.00	58.68 4.19 -0.08	59.26 3.97 -0.12	56.03 3.71 0.00	55.04 3.72 -0.30	51.05 3.55 -0.10	47.80 3.42 -0.01	46.56 3.49 -0.01	45.79 3.43 0.00	46.79 3.51 0.00	53.07 3.98 -0.01	63.96 4.90 0.00	73.63 5.89 0.00	72.03 5.62 -0.32	55.04 3.98 -0.01	46.50 3.16 0.00	40.48 3.00 0.00	37.14 2.53 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	31.75 -0.91 0.00	29.99 -0.71 0.00	29.51 -0.42 0.00	28.86 -0.86 0.00	28.63 -1.07 0.00	33.27 -1.21 0.00	41.31 -2.68 0.00	49.62 -4.79 0.00	50.15 -5.02 0.00	48.13 -4.19 0.00	46.88 -4.13 0.00	43.84 -3.55 0.00	41.14 -3.24 0.00	39.65 -3.40 0.00	39.26 -3.09 0.00	40.17 -3.12 0.00	44.62 -4.47 0.00	53.45 -5.61 0.00	61.97 -5.76 0.00	60.54 -5.55 0.00	48.25 -2.81 0.00	42.04 -1.30 0.00	36.25 -1.24 0.00	33.85 -0.76 0.00
PACKARD___115KV_DUPONT_184 80571	31.75 -0.91 0.00	30.11 -0.58 0.00	29.57 -0.36 0.00	28.86 -0.86 0.00	28.63 -1.07 0.00	33.27 -1.21 0.00	41.30 -2.68 0.00	49.62 -4.79 0.00	50.20 -4.96 0.00	48.13 -4.19 0.00	46.88 -4.13 0.00	43.84 -3.56 0.00	41.14 -3.24 0.00	39.74 -3.31 0.00	39.30 -3.05 0.00	40.21 -3.07 0.00	44.62 -4.47 0.00	53.44 -5.61 0.00	61.97 -5.76 0.00	60.54 -5.55 0.00	48.25 -2.81 0.00	42.04 -1.30 0.00	36.28 -1.20 0.00	33.85 -0.76 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	35.19 2.52 -0.01	32.94 2.24 -0.01	31.94 2.01 -0.01	31.60 1.87 -0.01	31.63 1.93 -0.01	36.83 2.34 -0.01	46.85 2.86 0.00	58.08 3.59 -0.08	58.43 3.14 -0.12	55.24 2.93 0.00	54.38 3.06 -0.30	50.35 2.89 -0.07	47.27 2.88 -0.01	46.04 2.97 -0.01	45.32 2.96 -0.01	46.27 2.99 -0.01	52.38 3.29 -0.01	63.20 4.13 -0.01	72.81 5.08 -0.01	71.17 4.76 -0.33	54.28 3.22 -0.01	46.28 2.95 0.00	40.38 2.89 -0.01	37.04 2.42 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	35.58 2.91 -0.01	33.31 2.61 -0.01	32.33 2.39 -0.01	31.96 2.23 -0.01	31.96 2.26 -0.01	37.21 2.72 -0.01	47.33 3.34 0.00	58.68 4.19 -0.08	59.04 3.75 -0.12	55.82 3.51 0.00	54.89 3.57 -0.30	50.78 3.32 -0.07	47.72 3.33 -0.01	46.47 3.40 -0.01	45.71 3.35 -0.01	46.71 3.42 -0.01	52.87 3.78 -0.01	63.79 4.72 -0.01	73.42 5.69 -0.01	71.83 5.42 -0.33	54.84 3.78 -0.01	46.67 3.34 0.00	40.76 3.26 -0.01	37.39 2.77 -0.01
PATROON___115KV_TB1 80586	33.42 0.75 0.00	31.43 0.74 0.00	30.53 0.60 0.00	30.32 0.59 0.00	30.29 0.59 0.00	35.20 0.72 0.00	44.56 0.57 0.00	55.17 0.82 0.05	55.81 0.72 0.08	52.99 0.68 0.00	51.48 0.66 0.20	47.96 0.57 0.00	44.95 0.58 0.00	43.66 0.60 0.00	42.99 0.64 0.00	43.93 0.65 0.00	49.34 0.83 0.58	52.45 1.00 7.61	68.74 1.02 0.00	66.80 0.93 0.22	51.67 0.61 0.00	43.86 0.52 0.00	38.12 0.64 0.00	35.27 0.66 0.00
PATTRSNVILLE___SOLAR 323815	33.84 1.17 0.00	31.74 1.04 0.00	30.95 1.02 0.00	30.70 0.98 0.00	30.67 0.98 0.00	35.69 1.21 0.00	45.53 1.54 0.00	56.38 2.01 0.04	56.82 1.71 0.06	53.57 1.25 0.00	51.88 1.02 0.15	48.20 0.80 0.00	45.13 0.75 0.00	43.79 0.73 0.00	43.16 0.80 0.00	44.28 1.00 0.00	50.54 1.37 -0.08	62.13 2.01 -1.06	70.16 2.43 0.00	68.24 2.31 0.17	52.79 1.74 0.00	44.81 1.47 0.00	38.72 1.24 0.00	35.72 1.11 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	31.65 -1.01 0.00	29.86 -0.83 0.00	29.39 -0.54 0.00	29.10 -0.62 0.00	28.83 -0.86 0.00	33.10 -1.38 0.00	41.79 -2.20 0.00	50.49 -3.92 0.00	50.92 -4.25 0.00	48.55 -3.77 0.00	47.24 -3.78 0.00	44.12 -3.27 0.00	41.40 -2.97 0.00	39.87 -3.19 0.00	39.43 -2.92 0.00	40.51 -2.77 0.00	45.16 -3.93 0.00	54.39 -4.67 0.00	63.39 -4.33 0.00	62.19 -3.90 0.00	49.11 -1.94 0.00	42.51 -0.82 0.00	36.77 -0.71 0.00	34.06 -0.55 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	34.82 2.16 0.00	32.60 1.90 0.00	31.70 1.77 0.00	31.39 1.66 0.00	31.39 1.69 0.00	36.48 2.00 0.00	46.45 2.46 0.00	57.96 3.48 -0.07	58.41 3.14 -0.10	55.30 2.98 0.00	54.29 3.01 -0.26	50.19 2.80 0.00	47.17 2.80 0.00	45.85 2.80 0.00	45.11 2.75 0.00	46.10 2.81 0.00	52.23 3.14 0.00	62.90 3.84 0.00	72.40 4.67 0.00	70.87 4.49 -0.29	54.17 3.11 0.00	45.85 2.51 0.00	39.85 2.36 0.00	36.62 2.01 0.00
PEEKSKILL___ 23653	34.73 2.06 0.00	32.50 1.81 0.00	31.58 1.65 0.00	31.24 1.51 0.00	31.27 1.57 0.00	36.34 1.86 0.00	46.19 2.20 0.00	57.64 3.15 -0.08	58.15 2.87 -0.12	54.98 2.67 0.00	53.96 2.65 -0.29	50.00 2.56 -0.05	46.91 2.53 -0.01	45.60 2.54 0.00	44.94 2.58 0.00	45.84 2.55 0.00	52.03 2.94 0.00	62.66 3.60 0.00	72.13 4.40 0.00	70.64 4.23 -0.32	53.97 2.91 0.00	45.72 2.38 0.00	39.77 2.29 0.00	36.55 1.94 0.00
PGE MADISON___WINDPWR 24146	33.52 0.85 0.00	31.52 0.83 0.00	30.95 1.02 0.00	30.85 1.13 0.00	30.73 1.04 0.00	36.03 1.55 0.00	46.98 2.99 0.00	58.38 3.97 0.00	59.08 3.92 0.00	55.45 3.14 0.00	53.72 2.70 0.00	49.58 2.18 0.00	46.33 1.95 0.00	44.56 1.51 0.00	43.75 1.40 0.00	44.54 1.26 0.00	50.70 1.62 0.00	61.54 2.48 0.00	71.25 3.52 0.00	70.19 4.10 0.00	54.27 3.22 0.00	45.63 2.30 0.00	39.25 1.76 0.00	36.07 1.45 0.00

PIERCEFIELD___HYD 23852	33.06 0.39 0.00	31.09 0.40 0.00	30.29 0.36 0.00	30.20 0.48 0.00	30.14 0.45 0.00	34.96 0.48 0.00	45.13 1.14 0.00	55.55 1.14 0.00	56.60 1.43 0.00	53.41 1.10 0.00	52.29 1.28 0.00	48.63 1.23 0.00	45.26 0.89 0.00	43.87 0.82 0.00	43.03 0.68 0.00	44.11 0.82 0.00	49.87 0.79 0.00	59.65 0.59 0.00	68.13 0.41 0.00	66.88 0.79 0.00	51.77 0.71 0.00	44.12 0.78 0.00	38.01 0.52 0.00	35.20 0.59 0.00
PINELAWN_CC_1 323563	34.86 2.19 0.00	32.44 1.75 0.00	31.46 1.53 0.00	31.12 1.40 0.00	31.21 1.51 0.00	36.38 1.90 0.00	44.70 1.32 0.61	56.05 1.69 0.04	55.45 1.10 0.82	52.29 1.20 1.23	53.03 1.74 -0.28	47.77 1.42 1.05	45.98 1.69 0.08	44.51 1.46 0.01	44.47 2.12 0.00	45.31 2.03 0.00	51.23 2.16 0.01	61.71 2.66 0.00	71.31 3.59 0.00	69.58 3.17 -0.31	52.88 1.84 0.01	44.80 1.47 0.01	39.85 2.36 0.00	36.62 2.01 0.00
PJM_GEN_HTP_PROXY 323702	34.99 2.32 0.00	32.75 2.06 0.00	31.79 1.86 0.00	31.45 1.72 0.00	31.45 1.75 0.00	36.62 2.14 0.00	46.58 2.59 0.00	58.13 3.65 -0.08	58.71 3.42 -0.12	55.51 3.19 0.00	54.58 3.27 -0.30	50.61 3.13 -0.09	47.40 3.02 -0.01	46.12 3.06 -0.01	45.45 3.09 0.00	46.36 3.07 0.00	52.58 3.49 0.00	63.37 4.31 0.00	72.88 5.14 0.00	71.30 4.89 -0.32	54.48 3.42 0.00	46.11 2.78 0.00	40.15 2.66 0.00	36.86 2.25 0.00
PJM_GEN_KEystone 24065	33.22 0.55 0.00	31.25 0.55 0.00	30.50 0.57 0.00	30.14 0.42 0.00	30.08 0.39 0.00	34.79 0.31 0.00	44.12 0.13 0.00	54.45 0.00 -0.04	54.90 -0.33 -0.06	51.95 -0.36 0.00	50.82 -0.35 -0.16	47.19 -0.24 -0.03	44.29 -0.09 0.00	42.97 -0.09 0.00	42.40 0.04 0.00	43.28 0.00 0.00	48.89 -0.20 0.00	58.94 -0.12 0.00	68.21 0.48 0.00	66.79 0.53 -0.17	51.67 0.61 0.00	44.07 0.74 0.00	38.24 0.75 0.00	35.20 0.59 0.00
PJM_GEN_NEPTUNE_PROXY 323594	34.59 1.93 0.00	32.20 1.50 0.00	31.25 1.32 0.00	30.91 1.19 0.00	30.97 1.28 0.00	36.07 1.59 0.00	44.50 1.28 0.76	56.35 2.01 0.07	55.88 1.76 1.05	52.45 1.67 1.54	53.28 1.99 -0.28	47.93 1.85 1.31	46.23 1.95 0.10	44.77 1.72 0.01	44.63 2.29 0.00	45.53 2.25 0.00	51.43 2.36 0.01	62.18 3.13 0.00	71.79 4.06 0.00	70.04 3.63 -0.31	53.09 2.04 0.01	44.89 1.56 0.01	39.51 2.02 0.00	36.34 1.73 0.00
PJM_GEN_VFT_PROXY 323633	34.95 2.29 0.00	32.66 1.97 0.00	31.70 1.77 0.00	31.33 1.60 0.00	31.36 1.66 0.00	36.51 2.03 0.00	46.41 2.42 0.00	58.02 3.53 -0.08	58.54 3.25 -0.12	55.40 3.09 0.00	54.43 3.11 -0.30	50.53 3.04 -0.10	47.31 2.93 -0.01	46.00 2.93 -0.01	45.32 2.96 0.00	46.27 2.98 0.00	52.47 3.38 -0.01	63.19 4.13 0.00	72.82 5.08 0.00	71.18 4.76 -0.32	54.38 3.32 -0.01	45.98 2.64 0.00	40.04 2.55 0.00	36.76 2.15 0.00
PLATSBRG_115KV_PMLD1 355749	32.27 -0.39 0.00	30.32 -0.37 0.00	29.45 -0.48 0.00	29.37 -0.36 0.00	29.37 -0.33 0.00	34.00 -0.48 0.00	43.06 -0.92 0.00	53.04 -1.36 0.00	54.39 -0.77 0.00	51.74 -0.58 0.00	50.66 -0.36 0.00	47.35 -0.05 0.00	44.20 -0.18 0.00	42.97 -0.09 0.00	42.52 0.17 0.00	43.20 -0.09 0.00	49.08 0.00 0.00	58.94 -0.12 0.00	66.92 -0.81 0.00	65.43 -0.66 0.00	50.14 -0.92 0.00	42.73 -0.61 0.00	36.74 -0.75 0.00	34.06 -0.55 0.00
PLEASANTVLY___LBMP 24000	34.40 1.73 0.00	32.26 1.57 0.00	31.31 1.38 0.00	31.03 1.31 0.00	31.03 1.34 0.00	36.07 1.59 0.00	45.79 1.80 0.00	56.99 2.50 -0.09	57.55 2.26 -0.12	54.46 2.14 0.00	53.48 2.14 -0.33	49.43 2.04 0.01	46.42 2.04 0.00	45.12 2.07 0.00	44.43 2.08 0.00	45.40 2.12 0.00	51.49 2.41 0.00	62.01 2.95 0.00	71.32 3.59 0.00	69.81 3.37 -0.35	53.40 2.35 0.00	45.24 1.91 0.00	39.36 1.87 0.00	36.24 1.63 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	34.76 2.09 0.00	32.57 1.87 0.00	31.61 1.68 0.00	31.27 1.55 0.00	31.30 1.60 0.00	36.41 1.93 0.00	46.23 2.24 0.00	57.69 3.21 -0.07	58.19 2.92 -0.11	55.09 2.77 0.00	54.06 2.75 -0.29	49.98 2.65 0.07	46.94 2.57 0.01	45.68 2.63 0.00	44.98 2.63 0.00	45.92 2.64 0.00	52.08 2.99 0.00	62.71 3.66 0.00	72.19 4.47 0.00	70.64 4.23 -0.32	54.01 2.96 0.00	45.72 2.38 0.00	39.81 2.32 0.00	36.59 1.97 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	34.76 2.09 0.00	32.57 1.87 0.00	31.61 1.68 0.00	31.27 1.55 0.00	31.30 1.60 0.00	36.41 1.93 0.00	46.23 2.24 0.00	57.69 3.21 -0.07	58.19 2.92 -0.11	55.09 2.77 0.00	54.06 2.75 -0.29	49.98 2.65 0.07	46.94 2.57 0.01	45.68 2.63 0.00	44.98 2.63 0.00	45.92 2.64 0.00	52.08 2.99 0.00	62.71 3.66 0.00	72.19 4.47 0.00	70.64 4.23 -0.32	54.01 2.96 0.00	45.72 2.38 0.00	39.81 2.32 0.00	36.59 1.97 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	34.56 1.89 0.00	32.38 1.69 0.00	31.43 1.50 0.00	31.15 1.43 0.00	31.12 1.43 0.00	36.17 1.69 0.00	46.01 2.02 0.00	57.23 2.83 0.00	57.76 2.59 0.00	54.82 2.51 0.00	53.46 2.45 0.00	49.71 2.32 0.00	46.64 2.26 0.00	45.38 2.33 0.00	44.64 2.29 0.00	45.62 2.34 0.00	51.78 2.70 0.00	62.42 3.37 0.00	71.79 4.06 0.00	69.99 3.90 0.00	53.76 2.71 0.00	45.50 2.17 0.00	39.51 2.02 0.00	36.38 1.77 0.00
POLETTI____ 23519	34.90 2.22 -0.01	32.67 1.96 -0.01	31.68 1.74 -0.01	31.33 1.60 -0.01	31.37 1.66 -0.01	36.52 2.03 -0.01	46.54 2.55 0.00	57.75 3.26 -0.08	58.21 2.92 -0.12	54.93 2.62 0.00	54.07 2.75 -0.30	50.29 2.80 -0.10	47.09 2.71 -0.01	45.83 2.76 -0.01	45.07 2.71 -0.01	46.06 2.77 -0.01	52.13 3.04 -0.01	62.90 3.84 -0.01	72.47 4.74 -0.01	70.84 4.43 -0.33	54.02 2.96 -0.01	46.02 2.69 0.00	40.16 2.66 -0.01	36.80 2.18 -0.01
POMONA___ESR 323819	34.73 2.06 0.00	32.50 1.81 0.00	31.58 1.65 0.00	31.27 1.54 0.00	31.27 1.57 0.00	36.34 1.86 0.00	46.32 2.33 0.00	57.80 3.32 -0.08	58.31 3.03 -0.11	55.19 2.88 0.00	54.15 2.86 -0.28	50.14 2.70 -0.04	47.04 2.66 -0.01	45.73 2.67 0.00	45.07 2.71 0.00	46.01 2.73 0.00	52.03 2.94 0.00	62.72 3.66 0.00	72.27 4.54 0.00	70.75 4.36 -0.30	54.07 3.01 0.00	45.76 2.43 0.00	39.81 2.32 0.00	36.55 1.94 0.00
PORT_JEFF_3 23555	34.63 1.96 0.00	32.20 1.50 0.00	31.22 1.29 0.00	30.91 1.19 0.00	30.97 1.28 0.00	36.10 1.62 0.00	44.15 0.88 0.71	55.70 1.36 0.06	55.29 1.10 0.98	51.87 0.99 1.44	52.72 1.43 -0.28	47.45 1.28 1.22	45.84 1.55 0.09	44.42 1.38 0.01	44.47 2.12 0.00	45.27 1.99 0.00	50.94 1.86 0.01	61.65 2.60 0.00	71.24 3.52 0.00	69.58 3.17 -0.31	52.57 1.53 0.01	44.72 1.39 0.01	39.55 2.06 0.00	36.45 1.83 0.00
PORT_JEFF_4 23616	34.63 1.96 0.00	32.20 1.50 0.00	31.22 1.29 0.00	30.91 1.19 0.00	30.97 1.28 0.00	36.10 1.62 0.00	44.15 0.88 0.71	55.70 1.36 0.06	55.29 1.10 0.98	51.87 0.99 1.44	52.72 1.43 -0.28	47.45 1.28 1.22	45.84 1.55 0.09	44.42 1.38 0.01	44.47 2.12 0.00	45.27 1.99 0.00	50.94 1.86 0.01	61.65 2.60 0.00	71.24 3.52 0.00	69.58 3.17 -0.31	52.57 1.53 0.01	44.72 1.39 0.01	39.55 2.06 0.00	36.45 1.83 0.00

PORT_JEFF_IC 23713	34.69 2.03 0.00	32.26 1.57 0.00	31.28 1.35 0.00	30.94 1.22 0.00	31.03 1.34 0.00	36.17 1.69 0.00	44.25 0.97 0.71	55.92 1.58 0.06	55.52 1.32 0.97	52.04 1.15 1.43	52.88 1.58 -0.28	47.60 1.42 1.22	45.93 1.64 0.09	44.98 1.94 0.01	44.38 2.03 0.00	45.40 2.12 0.00	51.09 2.01 0.01	61.89 2.83 0.00	71.52 3.79 0.00	69.78 3.37 -0.32	52.73 1.68 0.01	44.80 1.47 0.01	39.74 2.25 0.00	36.55 1.94 0.00
PPL PILGRIM_ST_GT1 24216	35.02 2.35 0.00	32.57 1.87 0.00	31.61 1.68 0.00	31.27 1.54 0.00	31.36 1.66 0.00	36.55 2.07 0.00	44.36 1.05 0.69	56.20 1.85 0.06	55.77 1.54 0.94	52.34 1.41 1.38	53.64 2.35 -0.28	47.87 1.66 1.18	46.46 2.17 0.09	44.94 1.89 0.01	44.93 2.58 0.00	45.79 2.51 0.00	51.77 2.70 0.01	62.65 3.60 0.00	72.39 4.67 0.00	70.64 4.23 -0.31	53.44 2.40 0.01	45.28 1.95 0.01	40.00 2.51 0.00	36.76 2.15 0.00
PPL PILGRIM_ST_GT2 24217	35.02 2.35 0.00	32.57 1.87 0.00	31.61 1.68 0.00	31.27 1.54 0.00	31.36 1.66 0.00	36.55 2.07 0.00	44.36 1.05 0.69	56.20 1.85 0.06	55.77 1.54 0.94	52.34 1.41 1.38	53.64 2.35 -0.28	47.87 1.66 1.18	46.46 2.17 0.09	44.94 1.89 0.01	44.93 2.58 0.00	45.79 2.51 0.00	51.77 2.70 0.01	62.65 3.60 0.00	72.39 4.67 0.00	70.64 4.23 -0.31	53.44 2.40 0.01	45.28 1.95 0.01	40.00 2.51 0.00	36.76 2.15 0.00
PPL_SHRM_GT3 24213	34.36 1.70 0.00	31.92 1.23 0.00	30.95 1.02 0.00	30.64 0.92 0.00	30.71 1.01 0.00	35.82 1.34 0.00	43.85 0.57 0.71	55.54 1.20 0.06	55.13 0.94 0.97	51.67 0.79 1.43	52.52 1.22 -0.28	47.22 1.04 1.22	45.48 1.20 0.09	44.03 0.99 0.01	44.09 1.74 0.00	44.92 1.64 0.00	50.74 1.67 0.01	61.47 2.42 0.00	71.04 3.32 0.00	69.38 2.98 -0.31	52.37 1.33 0.01	44.41 1.08 0.01	39.21 1.73 0.00	36.17 1.56 0.00
PPL_SHRM_GT4 24214	34.36 1.70 0.00	31.92 1.23 0.00	30.95 1.02 0.00	30.64 0.92 0.00	30.71 1.01 0.00	35.82 1.34 0.00	43.85 0.57 0.71	55.54 1.20 0.06	55.13 0.94 0.97	51.67 0.79 1.43	52.52 1.22 -0.28	47.22 1.04 1.22	45.48 1.20 0.09	44.03 0.99 0.01	44.09 1.74 0.00	44.92 1.64 0.00	50.74 1.67 0.01	61.47 2.42 0.00	71.04 3.32 0.00	69.38 2.98 -0.31	52.37 1.33 0.01	44.41 1.08 0.01	39.21 1.73 0.00	36.17 1.56 0.00
PROJECT___ORANGE 1 24174	32.28 -0.46 -0.07	30.34 -0.43 -0.07	29.63 -0.36 -0.05	29.38 -0.39 -0.05	29.33 -0.42 -0.05	34.10 -0.45 -0.07	43.55 -0.48 -0.05	53.98 -0.54 -0.12	54.67 -0.50 0.00	51.90 -0.42 0.00	50.61 -0.41 0.00	47.01 -0.38 0.00	44.02 -0.36 0.00	42.71 -0.34 0.00	42.02 -0.34 0.00	42.85 -0.43 0.00	48.50 -0.59 0.00	58.29 -0.77 0.00	67.17 -0.68 -0.12	65.56 -0.66 -0.13	50.66 -0.41 -0.01	43.05 -0.30 -0.02	37.12 -0.37 -0.01	34.24 -0.42 -0.05
PROJECT___ORANGE 2 24166	32.28 -0.46 -0.07	30.34 -0.43 -0.07	29.63 -0.36 -0.05	29.38 -0.39 -0.05	29.33 -0.42 -0.05	34.10 -0.45 -0.07	43.55 -0.48 -0.05	53.98 -0.54 -0.12	54.67 -0.50 0.00	51.90 -0.42 0.00	50.61 -0.41 0.00	47.01 -0.38 0.00	44.02 -0.36 0.00	42.71 -0.34 0.00	42.02 -0.34 0.00	42.85 -0.43 0.00	48.50 -0.59 0.00	58.29 -0.77 0.00	67.17 -0.68 -0.12	65.56 -0.66 -0.13	50.66 -0.41 -0.01	43.05 -0.30 -0.02	37.12 -0.37 -0.01	34.24 -0.42 -0.05
PUCKETT___SOLAR 323809	33.03 0.36 0.00	31.06 0.37 0.00	30.41 0.48 0.00	30.17 0.45 0.00	30.11 0.42 0.00	34.96 0.48 0.00	44.78 0.79 0.00	55.33 0.92 0.00	55.99 0.83 0.00	52.89 0.58 0.00	51.42 0.41 0.00	47.73 0.33 0.00	44.73 0.35 0.00	43.27 0.22 0.00	42.57 0.21 0.00	43.46 0.17 0.00	49.23 0.15 0.00	59.59 0.53 0.00	68.81 1.08 0.00	67.41 1.32 0.00	52.23 1.18 0.00	44.25 0.91 0.00	38.20 0.71 0.00	35.16 0.55 0.00
PYRITES___HYD 24023	33.39 0.72 0.00	31.43 0.74 0.00	30.62 0.69 0.00	30.55 0.83 0.00	30.47 0.77 0.00	35.34 0.86 0.00	45.75 1.76 0.00	56.36 1.96 0.00	57.32 2.15 0.00	53.94 1.62 0.00	52.70 1.68 0.00	48.96 1.56 0.00	45.62 1.24 0.00	44.18 1.12 0.00	43.33 0.97 0.00	44.41 1.13 0.00	50.41 1.33 0.00	60.53 1.48 0.00	69.22 1.49 0.00	68.07 1.98 0.00	52.54 1.48 0.00	44.64 1.30 0.00	38.46 0.97 0.00	35.62 1.00 0.00
QUAKERRD_115KV_BK1 80622	31.52 -1.14 0.00	29.68 -1.01 0.00	29.09 -0.84 0.00	28.77 -0.95 0.00	28.66 -1.04 0.00	33.31 -1.17 0.00	42.41 -1.58 0.00	52.12 -2.29 0.00	52.96 -2.21 0.00	50.43 -1.88 0.00	49.28 -1.73 0.00	45.88 -1.52 0.00	42.96 -1.42 0.00	41.59 -1.46 0.00	40.83 -1.52 0.00	41.68 -1.60 0.00	46.93 -2.16 0.00	56.34 -2.72 0.00	65.15 -2.57 0.00	63.45 -2.64 0.00	49.47 -1.58 0.00	42.21 -1.13 0.00	36.36 -1.12 0.00	33.57 -1.04 0.00
QUENSBRY_115KV_TB8 356137	34.14 1.47 0.00	32.01 1.32 0.00	31.22 1.29 0.00	30.94 1.22 0.00	30.91 1.22 0.00	35.86 1.38 0.00	45.70 1.72 0.00	56.74 2.39 0.06	57.29 2.21 0.08	54.41 2.09 0.00	52.74 1.94 0.21	48.91 1.52 0.00	45.75 1.38 0.00	44.35 1.29 0.00	43.67 1.31 0.00	44.67 1.39 0.00	51.33 1.87 -0.38	66.54 2.48 -5.01	70.57 2.84 0.00	68.50 2.64 0.23	52.94 1.89 0.00	44.85 1.52 0.00	38.80 1.31 0.00	35.82 1.21 0.00
RAMAPO___LBMP 323565	34.63 1.96 0.00	32.44 1.75 0.00	31.52 1.59 0.00	31.18 1.46 0.00	31.21 1.51 0.00	36.24 1.76 0.00	46.10 2.11 0.00	57.47 2.99 -0.07	57.98 2.70 -0.11	54.82 2.51 0.00	53.79 2.50 -0.27	49.81 2.37 -0.04	46.73 2.35 -0.01	45.47 2.41 0.00	44.73 2.37 0.00	45.71 2.42 0.00	51.89 2.80 0.00	62.54 3.48 0.00	72.00 4.27 0.00	70.55 4.16 -0.30	53.92 2.86 0.00	45.59 2.25 0.00	39.70 2.21 0.00	36.45 1.83 0.00
RANKINE___ 23646	31.92 -0.75 0.00	30.11 -0.58 0.00	29.60 -0.33 0.00	29.31 -0.42 0.00	29.01 -0.68 0.00	33.34 -1.14 0.00	41.92 -2.07 0.00	50.60 -3.81 0.00	51.08 -4.08 0.00	48.86 -3.45 0.00	47.60 -3.42 0.00	44.41 -2.99 0.00	41.71 -2.66 0.00	40.13 -2.93 0.00	39.73 -2.63 0.00	40.77 -2.51 0.00	45.40 -3.68 0.00	54.57 -4.49 0.00	63.53 -4.20 0.00	62.26 -3.83 0.00	49.37 -1.68 0.00	42.82 -0.52 0.00	37.00 -0.49 0.00	34.34 -0.28 0.00
RAVENSWOOD_GT2_1 24244	35.05 2.38 0.00	32.81 2.12 0.00	31.82 1.89 0.00	31.48 1.75 0.00	31.48 1.78 0.00	36.65 2.17 0.00	46.58 2.60 0.00	58.13 3.65 -0.08	58.71 3.42 -0.12	55.50 3.19 0.00	54.58 3.26 -0.30	50.58 3.08 -0.11	47.41 3.02 -0.01	46.13 3.06 -0.01	45.41 3.05 -0.01	46.40 3.12 -0.01	52.58 3.49 -0.01	63.37 4.31 -0.01	72.95 5.22 -0.01	71.31 4.89 -0.33	54.48 3.42 -0.01	46.11 2.77 0.00	40.18 2.70 0.00	36.90 2.28 0.00
RAVENSWOOD_GT2_2 24245	35.05 2.38 0.00	32.81 2.12 0.00	31.82 1.89 0.00	31.48 1.75 0.00	31.48 1.78 0.00	36.65 2.17 0.00	46.58 2.60 0.00	58.13 3.65 -0.08	58.71 3.42 -0.12	55.50 3.19 0.00	54.58 3.26 -0.30	50.58 3.08 -0.11	47.41 3.02 -0.01	46.13 3.06 -0.01	45.41 3.05 -0.01	46.40 3.12 -0.01	52.58 3.49 -0.01	63.37 4.31 -0.01	72.95 5.22 -0.01	71.31 4.89 -0.33	54.48 3.42 -0.01	46.11 2.77 0.00	40.18 2.70 0.00	36.90 2.28 0.00

RAVENSWOOD_GT2_3 24246	35.08 2.42 0.00	32.81 2.12 0.00	31.85 1.92 0.00	31.48 1.75 0.00	31.51 1.81 0.00	36.69 2.21 0.00	46.63 2.64 0.00	58.19 3.70 -0.08	58.71 3.42 -0.12	55.56 3.24 0.00	54.58 3.26 -0.30	50.63 3.13 -0.11	47.45 3.06 -0.01	46.17 3.10 -0.01	45.45 3.09 -0.01	46.40 3.12 -0.01	52.58 3.49 -0.01	63.37 4.31 -0.01	72.95 5.22 -0.01	71.37 4.96 -0.33	54.53 3.47 -0.01	46.15 2.82 0.00	40.18 2.70 0.00	36.90 2.28 0.00
RAVENSWOOD_GT2_4 24247	35.08 2.42 0.00	32.81 2.12 0.00	31.85 1.92 0.00	31.48 1.75 0.00	31.51 1.81 0.00	36.69 2.21 0.00	46.63 2.64 0.00	58.19 3.70 -0.08	58.71 3.42 -0.12	55.56 3.24 0.00	54.58 3.26 -0.30	50.63 3.13 -0.11	47.45 3.06 -0.01	46.17 3.10 -0.01	45.45 3.09 -0.01	46.40 3.12 -0.01	52.58 3.49 -0.01	63.37 4.31 -0.01	72.95 5.22 -0.01	71.37 4.96 -0.33	54.53 3.47 -0.01	46.15 2.82 0.00	40.18 2.70 0.00	36.90 2.28 0.00
RAVENSWOOD_GT3_1 24248	35.05 2.38 0.00	32.81 2.12 0.00	31.82 1.89 0.00	31.48 1.75 0.00	31.51 1.81 0.00	36.65 2.17 0.00	46.58 2.60 0.00	58.13 3.65 -0.08	58.71 3.42 -0.12	55.50 3.19 0.00	54.58 3.26 -0.30	50.58 3.08 -0.11	47.41 3.02 -0.01	46.13 3.06 -0.01	45.41 3.05 -0.01	46.40 3.12 -0.01	52.58 3.49 -0.01	63.37 4.31 -0.01	72.95 5.22 -0.01	71.31 4.89 -0.33	54.48 3.42 -0.01	46.11 2.77 0.00	40.18 2.70 0.00	36.90 2.28 0.00
RAVENSWOOD_GT3_2 24249	35.05 2.38 0.00	32.81 2.12 0.00	31.82 1.89 0.00	31.48 1.75 0.00	31.51 1.81 0.00	36.65 2.17 0.00	46.58 2.60 0.00	58.13 3.65 -0.08	58.71 3.42 -0.12	55.50 3.19 0.00	54.58 3.26 -0.30	50.58 3.08 -0.11	47.41 3.02 -0.01	46.13 3.06 -0.01	45.41 3.05 -0.01	46.40 3.12 -0.01	52.58 3.49 -0.01	63.37 4.31 -0.01	72.95 5.22 -0.01	71.31 4.89 -0.33	54.48 3.42 -0.01	46.11 2.77 0.00	40.18 2.70 0.00	36.90 2.28 0.00
RAVENSWOOD_GT3_3 24250	35.08 2.42 0.00	32.84 2.15 0.00	31.85 1.92 0.00	31.51 1.78 0.00	31.54 1.84 0.00	36.69 2.21 0.00	46.63 2.64 0.00	58.24 3.75 -0.08	58.77 3.48 -0.12	55.61 3.30 0.00	54.63 3.32 -0.30	50.68 3.18 -0.11	47.49 3.11 -0.01	46.21 3.14 -0.01	45.49 3.13 -0.01	46.45 3.16 -0.01	52.62 3.53 -0.01	63.43 4.37 -0.01	73.02 5.28 -0.01	71.44 5.02 -0.33	54.58 3.52 -0.01	46.15 2.82 0.00	40.22 2.74 0.00	36.93 2.32 0.00
RAVENSWOOD_GT3_4 24251	35.08 2.42 0.00	32.84 2.15 0.00	31.85 1.92 0.00	31.51 1.78 0.00	31.54 1.84 0.00	36.69 2.21 0.00	46.63 2.64 0.00	58.24 3.75 -0.08	58.77 3.48 -0.12	55.61 3.30 0.00	54.63 3.32 -0.30	50.68 3.18 -0.11	47.49 3.11 -0.01	46.21 3.14 -0.01	45.49 3.13 -0.01	46.45 3.16 -0.01	52.62 3.53 -0.01	63.43 4.37 -0.01	73.02 5.28 -0.01	71.44 5.02 -0.33	54.58 3.52 -0.01	46.15 2.82 0.00	40.22 2.74 0.00	36.93 2.32 0.00
RAVENSWOOD_GT_1 23729	35.22 2.55 -0.01	32.97 2.27 -0.01	31.98 2.04 -0.01	31.63 1.90 -0.01	31.66 1.96 -0.01	36.87 2.38 -0.01	46.76 2.77 0.00	58.24 3.75 -0.08	58.71 3.42 -0.12	55.50 3.19 0.00	54.58 3.26 -0.30	50.58 3.08 -0.11	47.49 3.11 -0.01	46.26 3.19 -0.01	45.49 3.13 -0.01	46.49 3.20 -0.01	52.62 3.53 -0.01	63.43 4.37 -0.01	73.02 5.28 -0.01	71.37 4.96 -0.33	54.48 3.42 -0.01	46.24 2.90 0.00	40.38 2.89 -0.01	37.08 2.46 -0.01
RAVENSWOOD_GT_10 24258	35.05 2.38 0.00	32.81 2.12 0.00	31.82 1.89 0.00	31.47 1.75 0.00	31.48 1.78 0.00	36.65 2.17 0.00	46.58 2.60 0.00	58.13 3.65 -0.08	58.71 3.42 -0.12	55.50 3.19 0.00	54.58 3.26 -0.30	50.58 3.08 -0.11	47.41 3.02 -0.01	46.13 3.06 -0.01	45.41 3.05 -0.01	46.40 3.12 -0.01	52.58 3.49 -0.01	63.37 4.31 -0.01	72.95 5.22 -0.01	71.31 4.89 -0.33	54.53 3.47 -0.01	46.11 2.77 0.00	40.18 2.70 0.00	36.90 2.28 0.00
RAVENSWOOD_GT_11 24259	35.05 2.38 0.00	32.81 2.12 0.00	31.82 1.89 0.00	31.47 1.75 0.00	31.48 1.78 0.00	36.65 2.17 0.00	46.58 2.60 0.00	58.13 3.65 -0.08	58.71 3.42 -0.12	55.50 3.19 0.00	54.58 3.26 -0.30	50.58 3.08 -0.11	47.41 3.02 -0.01	46.13 3.06 -0.01	45.41 3.05 -0.01	46.40 3.12 -0.01	52.58 3.49 -0.01	63.37 4.31 -0.01	72.95 5.22 -0.01	71.31 4.89 -0.33	54.53 3.47 -0.01	46.11 2.77 0.00	40.18 2.70 0.00	36.90 2.28 0.00
RAVENSWOOD_GT_4 24252	35.09 2.42 -0.01	32.85 2.15 -0.01	31.85 1.92 -0.01	31.51 1.78 -0.01	31.54 1.84 -0.01	36.73 2.24 -0.01	46.63 2.64 0.00	58.13 3.65 -0.08	58.66 3.37 -0.12	55.50 3.19 0.00	54.53 3.21 -0.30	50.58 3.08 -0.11	47.41 3.02 -0.01	46.17 3.10 -0.01	45.41 3.05 -0.01	46.40 3.12 -0.01	52.53 3.44 -0.01	63.31 4.25 -0.01	72.88 5.15 -0.01	71.31 4.89 -0.33	54.48 3.42 -0.01	46.15 2.82 0.00	40.23 2.74 -0.01	36.94 2.32 -0.01
RAVENSWOOD_GT_5 24254	35.09 2.42 -0.01	32.85 2.15 -0.01	31.85 1.92 -0.01	31.51 1.78 -0.01	31.54 1.84 -0.01	36.73 2.24 -0.01	46.63 2.64 0.00	58.13 3.65 -0.08	58.66 3.37 -0.12	55.50 3.19 0.00	54.53 3.21 -0.30	50.58 3.08 -0.11	47.41 3.02 -0.01	46.17 3.10 -0.01	45.41 3.05 -0.01	46.40 3.12 -0.01	52.53 3.44 -0.01	63.31 4.25 -0.01	72.88 5.15 -0.01	71.31 4.89 -0.33	54.48 3.42 -0.01	46.15 2.82 0.00	40.23 2.74 -0.01	36.94 2.32 -0.01
RAVENSWOOD_GT_6 24253	35.09 2.42 -0.01	32.85 2.15 -0.01	31.85 1.92 -0.01	31.51 1.78 -0.01	31.54 1.84 -0.01	36.73 2.24 -0.01	46.63 2.64 0.00	58.13 3.65 -0.08	58.66 3.37 -0.12	55.50 3.19 0.00	54.53 3.21 -0.30	50.58 3.08 -0.11	47.41 3.02 -0.01	46.17 3.10 -0.01	45.41 3.05 -0.01	46.40 3.12 -0.01	52.53 3.44 -0.01	63.31 4.25 -0.01	72.88 5.15 -0.01	71.31 4.89 -0.33	54.48 3.42 -0.01	46.15 2.82 0.00	40.23 2.74 -0.01	36.94 2.32 -0.01
RAVENSWOOD_GT_7 24255	35.09 2.42 -0.01	32.85 2.15 -0.01	31.85 1.92 -0.01	31.51 1.78 -0.01	31.54 1.84 -0.01	36.73 2.24 -0.01	46.63 2.64 0.00	58.13 3.65 -0.08	58.66 3.37 -0.12	55.50 3.19 0.00	54.53 3.21 -0.30	50.58 3.08 -0.11	47.41 3.02 -0.01	46.17 3.10 -0.01	45.41 3.05 -0.01	46.40 3.12 -0.01	52.53 3.44 -0.01	63.31 4.25 -0.01	72.88 5.15 -0.01	71.31 4.89 -0.33	54.48 3.42 -0.01	46.15 2.82 0.00	40.23 2.74 -0.01	36.94 2.32 -0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	35.05 2.38 0.00	32.81 2.12 0.00	31.82 1.89 0.00	31.47 1.75 0.00	31.48 1.78 0.00	36.65 2.17 0.00	46.58 2.60 0.00	58.13 3.65 -0.08	58.71 3.42 -0.12	55.50 3.19 0.00	54.58 3.26 -0.30	50.58 3.08 -0.11	47.41 3.02 -0.01	46.13 3.06 -0.01	45.41 3.05 -0.01	46.40 3.12 -0.01	52.58 3.49 -0.01	63.37 4.31 -0.01	72.95 5.22 -0.01	71.31 4.89 -0.33	54.53 3.47 -0.01	46.11 2.77 0.00	40.18 2.70 0.00	36.90 2.28 0.00
RAVENSWOOD_GT_9 24257	35.05 2.38 0.00	32.81 2.12 0.00	31.82 1.89 0.00	31.47 1.75 0.00	31.48 1.78 0.00	36.65 2.17 0.00	46.58 2.60 0.00	58.13 3.65 -0.08	58.71 3.42 -0.12	55.50 3.19 0.00	54.58 3.26 -0.30	50.58 3.08 -0.11	47.41 3.02 -0.01	46.13 3.06 -0.01	45.41 3.05 -0.01	46.40 3.12 -0.01	52.58 3.49 -0.01	63.37 4.31 -0.01	72.95 5.22 -0.01	71.31 4.89 -0.33	54.53 3.47 -0.01	46.11 2.77 0.00	40.18 2.70 0.00	36.90 2.28 0.00

RAVENSWOOD___1 23533	35.22 2.55 -0.01	32.94 2.24 -0.01	31.98 2.04 -0.01	31.60 1.87 -0.01	31.63 1.93 -0.01	36.83 2.35 -0.01	46.76 2.77 0.00	58.19 3.70 -0.08	58.66 3.37 -0.12	55.45 3.14 0.00	54.53 3.22 -0.30	50.54 3.04 -0.11	47.45 3.06 -0.01	46.17 3.10 -0.01	45.54 3.18 -0.01	46.45 3.16 -0.01	52.58 3.49 -0.01	63.37 4.31 -0.01	72.95 5.22 -0.01	71.31 4.89 -0.33	54.43 3.37 -0.01	46.24 2.90 0.00	40.38 2.89 -0.01	37.04 2.42 -0.01
RAVENSWOOD___2 23534	35.13 2.45 -0.01	32.85 2.15 -0.01	31.88 1.94 -0.01	31.54 1.81 -0.01	31.57 1.87 -0.01	36.76 2.28 -0.01	46.67 2.68 0.00	57.81 3.32 -0.08	58.32 3.03 -0.12	55.14 2.82 0.00	54.22 2.91 -0.30	50.39 2.89 -0.11	47.36 2.97 -0.01	46.08 3.01 -0.01	45.45 3.09 -0.01	46.36 3.07 -0.01	52.23 3.14 -0.01	63.02 3.96 -0.01	72.47 4.74 -0.01	70.84 4.43 -0.33	54.12 3.06 -0.01	46.15 2.82 0.00	40.27 2.77 -0.01	36.97 2.35 -0.01
RAVENSWOOD___3 23535	35.05 2.38 0.00	32.78 2.09 0.00	31.82 1.89 0.00	31.48 1.75 0.00	31.51 1.81 0.00	36.65 2.17 0.00	46.58 2.59 0.00	58.13 3.65 -0.08	58.71 3.42 -0.12	55.51 3.19 0.00	54.58 3.27 -0.30	50.58 3.08 -0.11	47.41 3.02 -0.01	46.13 3.06 -0.01	45.45 3.09 -0.01	46.41 3.12 -0.01	52.58 3.49 -0.01	63.37 4.31 -0.01	72.95 5.22 -0.01	71.31 4.89 -0.33	54.48 3.42 -0.01	46.15 2.82 0.00	40.19 2.70 0.00	36.90 2.28 0.00
RAVENSWOOD___4 23820	35.19 2.52 -0.01	32.91 2.21 -0.01	31.94 2.01 -0.01	31.60 1.87 -0.01	31.60 1.90 -0.01	36.80 2.31 -0.01	46.72 2.73 0.00	58.13 3.65 -0.08	58.60 3.31 -0.12	55.45 3.14 0.00	54.48 3.16 -0.30	50.54 3.04 -0.11	47.45 3.06 -0.01	46.17 3.10 -0.01	45.49 3.13 -0.01	46.41 3.12 -0.01	52.53 3.43 -0.01	63.32 4.25 -0.01	72.88 5.14 -0.01	71.24 4.82 -0.33	54.43 3.37 -0.01	46.24 2.90 0.00	40.34 2.85 -0.01	37.01 2.39 -0.01
RCPL_TRUST___DRP 24196	35.05 2.38 0.00	32.81 2.12 0.00	31.85 1.92 0.00	31.48 1.75 0.00	31.51 1.81 0.00	36.69 2.21 0.00	46.63 2.64 0.00	58.24 3.75 -0.08	58.82 3.53 -0.12	55.61 3.30 0.00	54.68 3.37 -0.30	50.71 3.22 -0.09	47.49 3.11 -0.01	46.21 3.14 -0.01	45.49 3.13 0.00	46.45 3.16 0.00	52.67 3.58 0.00	63.49 4.43 0.00	73.02 5.28 0.00	71.44 5.02 -0.32	54.58 3.52 0.00	46.15 2.82 0.00	40.18 2.70 0.00	36.90 2.28 0.00
RED___ROCHESTER 323720	32.44 -0.23 0.00	30.57 -0.12 0.00	29.99 0.06 0.00	29.60 -0.12 0.00	29.46 -0.24 0.00	34.20 -0.28 0.00	43.51 -0.48 0.00	53.37 -1.04 0.00	54.34 -0.83 0.00	51.74 -0.57 0.00	50.60 -0.41 0.00	47.16 -0.24 0.00	44.11 -0.26 0.00	42.71 -0.35 0.00	41.93 -0.42 0.00	42.81 -0.48 0.00	48.10 -0.98 0.00	57.76 -1.30 0.00	66.92 -0.81 0.00	65.16 -0.93 0.00	50.90 -0.15 0.00	43.55 0.22 0.00	37.45 -0.04 0.00	34.58 -0.03 0.00
REGAN___SOLAR 323812	34.36 1.70 0.00	32.20 1.50 0.00	31.43 1.50 0.00	31.18 1.46 0.00	31.15 1.45 0.00	36.31 1.83 0.00	46.41 2.42 0.00	57.63 3.26 0.04	57.82 2.70 0.05	54.25 1.94 0.00	52.25 1.38 0.14	48.25 0.85 0.00	45.17 0.80 0.00	43.87 0.82 0.00	43.25 0.89 0.00	44.58 1.30 0.00	51.12 1.97 -0.07	63.11 3.07 -0.98	71.45 3.72 0.00	69.51 3.57 0.15	53.66 2.60 0.00	45.59 2.25 0.00	39.32 1.84 0.00	36.21 1.59 0.00
RENSSELAER___COGEN 23796	33.29 0.62 0.00	31.31 0.61 0.00	30.41 0.48 0.00	30.23 0.50 0.00	30.20 0.50 0.00	35.07 0.59 0.00	44.34 0.35 0.00	54.79 0.43 0.05	55.37 0.28 0.07	52.58 0.26 0.00	51.08 0.26 0.19	47.63 0.24 0.00	44.64 0.27 0.00	43.36 0.30 0.00	42.73 0.38 0.00	43.63 0.34 0.00	49.00 0.49 0.57	52.13 0.59 7.52	68.34 0.61 0.00	66.42 0.53 0.20	51.36 0.31 0.00	43.60 0.26 0.00	37.94 0.45 0.00	35.10 0.48 0.00
REPUBLIC_115KV_BARTNBRK 55605	35.44 2.78 0.00	33.21 2.52 0.00	32.45 2.51 0.00	32.13 2.41 0.00	32.07 2.38 0.00	37.27 2.79 0.00	47.55 3.56 0.00	59.24 4.90 0.06	59.61 4.52 0.08	56.66 4.34 0.00	54.88 4.08 0.22	50.71 3.32 0.00	47.30 2.93 0.00	45.81 2.76 0.00	45.06 2.71 0.00	46.18 2.90 0.00	53.16 3.68 -0.40	69.20 4.90 -5.24	73.42 5.69 0.00	71.34 5.49 0.23	55.04 3.98 0.00	46.63 3.29 0.00	40.22 2.74 0.00	37.14 2.53 0.00
REVERE_CPPR_DRP 24186	33.32 0.65 0.00	31.28 0.58 0.00	30.56 0.63 0.00	30.35 0.62 0.00	30.26 0.56 0.00	35.34 0.86 0.00	45.57 1.58 0.00	56.64 2.23 0.00	57.54 2.37 0.00	54.41 2.09 0.00	53.00 1.99 0.00	49.05 1.66 0.00	45.84 1.46 0.00	44.30 1.25 0.00	43.54 1.19 0.00	44.41 1.13 0.00	50.41 1.33 0.00	60.65 1.59 0.00	69.76 2.03 0.00	68.47 2.38 0.00	52.89 1.84 0.00	44.77 1.43 0.00	38.57 1.09 0.00	35.51 0.90 0.00
REYNLDPA_13_KV_LD 356490	32.86 0.20 0.00	30.91 0.22 0.00	30.14 0.21 0.00	30.02 0.30 0.00	29.99 0.30 0.00	34.69 0.21 0.00	44.47 0.48 0.00	54.89 0.49 0.00	55.88 0.72 0.00	52.94 0.63 0.00	51.63 0.61 0.00	48.06 0.66 0.00	44.86 0.49 0.00	43.57 0.52 0.00	42.69 0.34 0.00	43.76 0.48 0.00	49.68 0.59 0.00	59.77 0.71 0.00	68.14 0.41 0.00	66.62 0.53 0.00	51.36 0.31 0.00	43.55 0.22 0.00	37.67 0.19 0.00	34.89 0.28 0.00
REYNOLDS_115KV_TB3 80639	33.58 0.91 0.00	31.58 0.89 0.00	30.65 0.72 0.00	30.47 0.74 0.00	30.44 0.74 0.00	35.38 0.90 0.00	44.82 0.84 0.00	55.32 0.98 0.06	55.90 0.83 0.09	53.15 0.84 0.00	51.55 0.77 0.23	48.10 0.71 0.00	45.08 0.71 0.00	43.79 0.73 0.00	43.16 0.80 0.00	44.11 0.82 0.00	49.40 1.03 0.72	50.81 1.24 9.48	69.02 1.29 0.00	67.03 1.19 0.25	51.87 0.82 0.00	44.07 0.74 0.00	38.27 0.79 0.00	35.44 0.83 0.00
RIVERBAY____ 323610	35.58 2.91 -0.01	33.31 2.61 -0.01	32.33 2.39 -0.01	31.96 2.23 -0.01	31.96 2.26 -0.01	37.21 2.72 -0.01	47.33 3.34 0.00	58.68 4.19 -0.08	59.04 3.75 -0.12	55.82 3.51 0.00	54.89 3.57 -0.30	50.78 3.32 -0.07	47.72 3.33 -0.01	46.47 3.40 -0.01	45.71 3.35 -0.01	46.71 3.42 -0.01	52.87 3.78 -0.01	63.79 4.72 -0.01	73.42 5.69 -0.01	71.83 5.42 -0.33	54.84 3.78 -0.01	46.67 3.34 0.00	40.76 3.26 -0.01	37.39 2.77 -0.01
RIVERSDE_115KV_TB3 55908	33.45 0.78 0.00	31.46 0.77 0.00	30.56 0.63 0.00	30.35 0.62 0.00	30.32 0.62 0.00	35.24 0.76 0.00	44.65 0.66 0.00	54.95 0.60 0.06	55.53 0.44 0.08	52.78 0.47 0.00	51.26 0.46 0.21	47.77 0.38 0.00	44.77 0.40 0.00	43.49 0.43 0.00	42.86 0.51 0.00	43.80 0.52 0.00	49.08 0.64 0.64	51.36 0.77 8.47	68.47 0.75 0.00	66.53 0.66 0.22	51.46 0.41 0.00	43.73 0.39 0.00	38.01 0.52 0.00	35.17 0.55 0.00
ROARING___BROOK_WT_PWR 323790	0.00 -1.05 31.62	29.77 -0.92 0.00	29.06 -0.87 0.00	29.01 -0.71 0.00	29.16 -0.53 0.00	34.03 -0.45 0.00	43.59 -0.40 0.00	53.97 -0.44 0.00	54.72 -0.44 0.00	51.79 -0.52 0.00	50.40 -0.61 0.00	46.73 -0.66 0.00	43.62 -0.75 0.00	42.24 -0.82 0.00	41.42 -0.93 0.00	42.24 -1.04 0.00	47.86 -1.23 0.00	57.58 -1.47 0.00	65.97 -1.76 0.00	64.37 -1.72 0.00	49.68 -1.38 0.00	42.12 -1.21 0.00	36.44 -1.05 0.00	33.68 -0.93 0.00

ROCHESRG_115KV_T4 355643	32.18 -0.49 0.00	30.29 -0.40 0.00	29.72 -0.21 0.00	29.40 -0.33 0.00	29.25 -0.45 0.00	33.93 -0.55 0.00	43.11 -0.88 0.00	52.83 -1.58 0.00	53.68 -1.49 0.00	51.11 -1.20 0.00	49.99 -1.02 0.00	46.54 -0.85 0.00	43.58 -0.80 0.00	42.15 -0.90 0.00	41.42 -0.93 0.00	42.33 -0.95 0.00	47.56 -1.52 0.00	57.11 -1.95 0.00	66.10 -1.63 0.00	64.44 -1.65 0.00	50.34 -0.71 0.00	43.12 -0.22 0.00	37.11 -0.37 0.00	34.30 -0.31 0.00
ROCHESTER_9_IC 23652	32.31 -0.36 0.00	30.42 -0.28 0.00	29.84 -0.09 0.00	29.51 -0.21 0.00	29.37 -0.33 0.00	34.10 -0.38 0.00	43.33 -0.66 0.00	53.10 -1.31 0.00	54.01 -1.16 0.00	51.48 -0.84 0.00	50.35 -0.66 0.00	46.87 -0.52 0.00	43.89 -0.49 0.00	42.45 -0.60 0.00	41.72 -0.64 0.00	42.59 -0.69 0.00	47.86 -1.23 0.00	57.46 -1.59 0.00	66.51 -1.22 0.00	64.83 -1.26 0.00	50.65 -0.41 0.00	43.34 0.00 0.00	37.26 -0.22 0.00	34.44 -0.17 0.00
ROCKVIEW_13_KV_LD 356306	34.95 2.29 0.00	32.72 2.03 0.00	31.76 1.83 0.00	31.42 1.69 0.00	31.45 1.75 0.00	36.58 2.10 0.00	46.50 2.51 0.00	58.07 3.59 -0.08	58.58 3.31 -0.11	55.40 3.09 0.00	54.42 3.11 -0.29	50.35 2.99 0.03	47.26 2.88 0.00	45.94 2.88 0.00	45.23 2.88 0.00	46.18 2.90 0.00	52.37 3.29 0.00	63.13 4.07 0.00	72.67 4.94 0.00	71.10 4.69 -0.32	54.37 3.32 0.00	45.98 2.64 0.00	40.03 2.55 0.00	36.79 2.18 0.00
ROME____115KV_TB2 80656	33.32 0.65 0.00	31.28 0.58 0.00	30.56 0.63 0.00	30.35 0.62 0.00	30.26 0.56 0.00	35.34 0.86 0.00	45.57 1.58 0.00	56.64 2.23 0.00	57.54 2.37 0.00	54.41 2.09 0.00	53.00 1.99 0.00	49.05 1.66 0.00	45.84 1.46 0.00	44.30 1.25 0.00	43.54 1.19 0.00	44.41 1.13 0.00	50.41 1.33 0.00	60.65 1.59 0.00	69.76 2.03 0.00	68.47 2.38 0.00	52.89 1.84 0.00	44.77 1.43 0.00	38.57 1.09 0.00	35.51 0.90 0.00
ROSETON___1 23587	34.40 1.73 0.00	32.23 1.53 0.00	31.31 1.38 0.00	31.00 1.28 0.00	31.00 1.31 0.00	36.07 1.59 0.00	45.75 1.76 0.00	56.93 2.45 -0.07	57.48 2.21 -0.11	54.41 2.09 0.00	53.39 2.09 -0.28	49.36 1.99 0.02	46.37 2.00 0.00	45.08 2.02 0.00	44.43 2.07 0.00	45.36 2.08 0.00	51.44 2.36 0.00	61.95 2.89 0.00	71.18 3.45 0.00	69.64 3.24 -0.31	53.35 2.30 0.00	45.20 1.86 0.00	39.36 1.87 0.00	36.24 1.63 0.00
ROSETON___2 23588	34.40 1.73 0.00	32.23 1.53 0.00	31.31 1.38 0.00	31.00 1.28 0.00	31.00 1.31 0.00	36.07 1.59 0.00	45.75 1.76 0.00	56.93 2.45 -0.07	57.48 2.21 -0.11	54.41 2.09 0.00	53.39 2.09 -0.28	49.36 1.99 0.02	46.37 2.00 0.00	45.08 2.02 0.00	44.43 2.07 0.00	45.36 2.08 0.00	51.44 2.36 0.00	61.95 2.89 0.00	71.18 3.45 0.00	69.64 3.24 -0.31	53.35 2.30 0.00	45.20 1.86 0.00	39.36 1.87 0.00	36.24 1.63 0.00
ROTRRDAM_115KV_TB3 80664	33.68 1.01 0.00	31.61 0.92 0.00	30.80 0.87 0.00	30.55 0.83 0.00	30.53 0.83 0.00	35.45 0.97 0.00	45.18 1.19 0.00	55.89 1.52 0.04	56.48 1.38 0.06	53.57 1.26 0.00	52.02 1.17 0.16	48.39 1.00 0.00	45.35 0.98 0.00	44.05 0.99 0.00	43.37 1.02 0.00	44.32 1.04 0.00	50.49 1.33 -0.08	61.79 1.65 -1.08	69.62 1.90 0.00	67.70 1.78 0.18	52.38 1.33 0.00	44.46 1.13 0.00	38.50 1.01 0.00	35.55 0.93 0.00
RUSSELL___1 23602	32.44 -0.23 0.00	30.54 -0.15 0.00	29.96 0.03 0.00	29.60 -0.12 0.00	29.46 -0.24 0.00	34.20 -0.28 0.00	43.50 -0.48 0.00	53.37 -1.03 0.00	54.28 -0.88 0.00	51.74 -0.58 0.00	50.61 -0.41 0.00	47.16 -0.24 0.00	44.11 -0.27 0.00	42.67 -0.39 0.00	41.93 -0.42 0.00	42.81 -0.48 0.00	48.10 -0.98 0.00	57.76 -1.30 0.00	66.92 -0.81 0.00	65.16 -0.93 0.00	50.90 -0.15 0.00	43.55 0.22 0.00	37.41 -0.07 0.00	34.58 -0.03 0.00
RUSSELL___2 23532	32.44 -0.23 0.00	30.54 -0.15 0.00	29.96 0.03 0.00	29.60 -0.12 0.00	29.46 -0.24 0.00	34.20 -0.28 0.00	43.50 -0.48 0.00	53.37 -1.03 0.00	54.28 -0.88 0.00	51.74 -0.58 0.00	50.61 -0.41 0.00	47.16 -0.24 0.00	44.11 -0.27 0.00	42.67 -0.39 0.00	41.93 -0.42 0.00	42.81 -0.48 0.00	48.10 -0.98 0.00	57.76 -1.30 0.00	66.92 -0.81 0.00	65.16 -0.93 0.00	50.90 -0.15 0.00	43.55 0.22 0.00	37.41 -0.07 0.00	34.58 -0.03 0.00
RUSSELL___3 23549	32.44 -0.23 0.00	30.54 -0.15 0.00	29.96 0.03 0.00	29.60 -0.12 0.00	29.46 -0.24 0.00	34.20 -0.28 0.00	43.50 -0.48 0.00	53.37 -1.03 0.00	54.28 -0.88 0.00	51.74 -0.58 0.00	50.61 -0.41 0.00	47.16 -0.24 0.00	44.11 -0.27 0.00	42.67 -0.39 0.00	41.93 -0.42 0.00	42.81 -0.48 0.00	48.10 -0.98 0.00	57.76 -1.30 0.00	66.92 -0.81 0.00	65.16 -0.93 0.00	50.90 -0.15 0.00	43.55 0.22 0.00	37.41 -0.07 0.00	34.58 -0.03 0.00
RUSSELL___4 23556	32.44 -0.23 0.00	30.54 -0.15 0.00	29.96 0.03 0.00	29.60 -0.12 0.00	29.46 -0.24 0.00	34.20 -0.28 0.00	43.50 -0.48 0.00	53.37 -1.03 0.00	54.28 -0.88 0.00	51.74 -0.58 0.00	50.61 -0.41 0.00	47.16 -0.24 0.00	44.11 -0.27 0.00	42.67 -0.39 0.00	41.93 -0.42 0.00	42.81 -0.48 0.00	48.10 -0.98 0.00	57.76 -1.30 0.00	66.92 -0.81 0.00	65.16 -0.93 0.00	50.90 -0.15 0.00	43.55 0.22 0.00	37.41 -0.07 0.00	34.58 -0.03 0.00
RUSSELL___STATION 23914	32.44 -0.23 0.00	30.54 -0.15 0.00	29.96 0.03 0.00	29.60 -0.12 0.00	29.46 -0.24 0.00	34.20 -0.28 0.00	43.50 -0.48 0.00	53.37 -1.03 0.00	54.28 -0.88 0.00	51.74 -0.58 0.00	50.61 -0.41 0.00	47.16 -0.24 0.00	44.11 -0.27 0.00	42.67 -0.39 0.00	41.93 -0.42 0.00	42.81 -0.48 0.00	48.10 -0.98 0.00	57.76 -1.30 0.00	66.92 -0.81 0.00	65.16 -0.93 0.00	50.90 -0.15 0.00	43.55 0.22 0.00	37.41 -0.07 0.00	34.58 -0.03 0.00
S SALMON___HYD 24043	32.80 -0.33 -0.46	30.87 -0.31 -0.48	30.04 -0.24 -0.35	29.77 -0.27 -0.31	29.70 -0.30 -0.30	34.75 -0.21 -0.47	44.25 -0.04 -0.30	55.18 0.00 -0.77	56.74 0.06 -1.52	54.27 -0.05 -2.00	53.02 -0.10 -2.10	48.54 -0.24 -1.38	45.06 -0.31 -0.99	43.38 -0.35 -0.67	42.68 -0.34 -0.67	43.30 -0.39 -0.40	48.75 -0.64 -0.31	58.35 -0.71 0.00	67.99 -0.54 -0.80	66.59 -0.33 -0.83	50.98 -0.15 -0.07	43.55 0.09 -0.13	37.44 -0.11 -0.06	34.71 -0.21 -0.30
S.PERRY__115KV_TB1 80734	32.99 0.33 0.00	31.09 0.40 0.00	30.59 0.66 0.00	30.26 0.53 0.00	29.99 0.30 0.00	34.79 0.31 0.00	44.34 0.35 0.00	54.46 0.05 0.00	55.05 -0.11 0.00	52.00 -0.31 0.00	50.40 -0.61 0.00	46.68 -0.71 0.00	43.58 -0.80 0.00	42.24 -0.82 0.00	41.59 -0.76 0.00	42.55 -0.74 0.00	48.15 -0.93 0.00	58.41 -0.65 0.00	68.54 0.81 0.00	67.08 0.99 0.00	52.33 1.28 0.00	44.64 1.30 0.00	38.35 0.86 0.00	35.34 0.73 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	31.85 -0.82 0.00	30.05 -0.64 0.00	29.57 -0.36 0.00	29.22 -0.51 0.00	28.95 -0.74 0.00	33.34 -1.14 0.00	41.83 -2.16 0.00	50.38 -4.03 0.00	50.92 -4.25 0.00	48.76 -3.56 0.00	47.49 -3.52 0.00	44.36 -3.03 0.00	41.62 -2.75 0.00	40.13 -2.93 0.00	39.69 -2.67 0.00	40.69 -2.60 0.00	45.26 -3.83 0.00	54.33 -4.72 0.00	63.12 -4.61 0.00	61.79 -4.30 0.00	49.06 -1.99 0.00	42.64 -0.69 0.00	36.81 -0.67 0.00	34.20 -0.42 0.00

SAWYER___23_KV_LOAD 55526	31.85 -0.82 0.00	30.05 -0.64 0.00	29.57 -0.36 0.00	29.22 -0.51 0.00	28.95 -0.74 0.00	33.34 -1.14 0.00	41.83 -2.16 0.00	50.38 -4.03 0.00	50.92 -4.25 0.00	48.76 -3.56 0.00	47.49 -3.52 0.00	44.36 -3.03 0.00	41.62 -2.75 0.00	40.13 -2.93 0.00	39.69 -2.67 0.00	40.69 -2.60 0.00	45.26 -3.83 0.00	54.33 -4.72 0.00	63.12 -4.61 0.00	61.79 -4.30 0.00	49.06 -1.99 0.00	42.64 -0.69 0.00	36.81 -0.67 0.00	34.20 -0.42 0.00
SELKIRK___I 23801	33.58 0.91 0.00	31.55 0.86 0.00	30.71 0.78 0.00	30.49 0.77 0.00	30.56 0.86 0.00	35.48 1.00 0.00	45.00 1.01 0.00	55.79 1.41 0.02	56.34 1.21 0.03	53.31 0.99 0.00	51.89 0.97 0.09	48.11 0.71 0.00	45.08 0.71 0.00	43.74 0.69 0.00	43.12 0.76 0.00	44.10 0.82 0.00	49.72 0.98 0.35	55.68 1.24 4.62	69.08 1.35 0.00	67.29 1.32 0.12	51.97 0.92 0.00	44.16 0.82 0.00	38.31 0.82 0.00	35.41 0.80 0.00
SELKIRK___II 23799	33.38 0.72 0.00	31.37 0.67 0.00	30.50 0.57 0.00	30.29 0.56 0.00	30.29 0.59 0.00	35.17 0.69 0.00	44.60 0.62 0.00	55.13 0.76 0.03	55.73 0.61 0.05	52.89 0.58 0.00	51.45 0.56 0.12	47.87 0.47 0.00	44.86 0.49 0.00	43.57 0.52 0.00	42.95 0.59 0.00	43.84 0.56 0.00	49.43 0.74 0.39	54.82 0.89 5.12	68.61 0.88 0.00	66.81 0.86 0.14	51.62 0.56 0.00	43.86 0.52 0.00	38.08 0.60 0.00	35.20 0.59 0.00
SENECA OSWGO___HYD 24041	32.68 -0.69 -0.70	30.82 -0.61 -0.74	29.90 -0.57 -0.54	29.64 -0.57 -0.48	29.57 -0.59 -0.46	34.55 -0.66 -0.73	43.70 -0.75 -0.46	54.66 -0.93 -1.18	55.54 0.06 -0.32	52.84 0.10 -0.42	51.56 0.10 -0.44	47.73 0.05 -0.29	44.63 0.04 -0.21	43.24 0.04 -0.14	42.54 0.04 -0.14	43.32 -0.04 -0.08	49.00 -0.15 -0.06	57.81 -1.24 0.00	67.75 -1.22 -1.23	66.17 -1.19 -1.27	50.35 -0.82 -0.11	42.97 -0.56 -0.19	36.98 -0.60 -0.10	34.46 -0.62 -0.47
SENECA___115KV_TB3 355854	31.95 -0.72 0.00	30.20 -0.49 0.00	29.69 -0.24 0.00	29.33 -0.39 0.00	29.04 -0.65 0.00	33.38 -1.10 0.00	42.01 -1.98 0.00	50.65 -3.75 0.00	51.19 -3.97 0.00	48.91 -3.40 0.00	47.65 -3.37 0.00	44.45 -2.94 0.00	41.76 -2.62 0.00	40.26 -2.80 0.00	39.81 -2.54 0.00	40.82 -2.47 0.00	45.45 -3.63 0.00	54.63 -4.43 0.00	63.59 -4.13 0.00	62.33 -3.76 0.00	49.42 -1.64 0.00	42.86 -0.48 0.00	37.04 -0.45 0.00	34.41 -0.21 0.00
SENECA___ENERGY 23797	32.57 -0.29 -0.20	30.66 -0.25 -0.21	29.97 -0.12 -0.15	29.68 -0.18 -0.14	29.59 -0.24 -0.13	34.45 -0.24 -0.21	43.86 -0.26 -0.13	54.47 -0.27 -0.34	55.46 -0.33 -0.62	52.82 -0.31 -0.82	51.52 -0.35 -0.86	47.58 -0.38 -0.57	44.43 -0.36 -0.41	42.94 -0.39 -0.27	42.33 -0.29 -0.27	42.97 -0.48 -0.17	48.57 -0.64 -0.13	58.35 -0.71 0.00	67.81 -0.27 -0.35	66.25 -0.20 -0.36	51.09 0.00 -0.03	43.48 0.09 -0.06	37.48 -0.04 -0.03	34.64 -0.10 -0.13
SHOEMAKER___GT 23640	34.43 1.76 0.00	32.26 1.56 0.00	31.37 1.44 0.00	31.06 1.34 0.00	31.06 1.37 0.00	36.07 1.59 0.00	45.92 1.93 0.00	57.19 2.72 -0.07	57.75 2.48 -0.10	54.61 2.30 0.00	53.45 2.19 -0.25	49.51 2.08 -0.04	46.42 2.04 0.00	45.12 2.07 0.00	44.47 2.12 0.00	45.40 2.12 0.00	51.59 2.50 0.00	62.19 3.13 0.00	71.66 3.93 0.00	70.19 3.83 -0.27	53.71 2.65 0.00	45.46 2.12 0.00	39.51 2.02 0.00	36.27 1.66 0.00
SHOEMAKR_138KV_BK 111 55601	34.43 1.76 0.00	32.29 1.60 0.00	31.37 1.44 0.00	31.06 1.34 0.00	31.06 1.37 0.00	36.07 1.59 0.00	45.92 1.94 0.00	57.19 2.72 -0.07	57.74 2.48 -0.10	54.62 2.30 0.00	53.45 2.19 -0.24	49.51 2.09 -0.04	46.47 2.09 0.00	45.17 2.11 0.00	44.43 2.08 0.00	45.41 2.12 0.00	51.59 2.50 0.00	62.19 3.13 0.00	71.66 3.93 0.00	70.12 3.77 -0.26	53.71 2.65 0.00	45.46 2.12 0.00	39.47 1.99 0.00	36.27 1.66 0.00
SHOREHAM_IC_1 23715	34.36 1.70 0.00	31.92 1.23 0.00	30.95 1.02 0.00	30.64 0.92 0.00	30.71 1.01 0.00	35.82 1.34 0.00	43.85 0.57 0.71	55.54 1.20 0.06	55.13 0.94 0.97	51.67 0.79 1.43	52.52 1.22 -0.28	47.22 1.04 1.22	45.48 1.20 0.09	44.03 0.99 0.01	44.09 1.74 0.00	44.92 1.64 0.00	50.74 1.67 0.01	61.47 2.42 0.00	71.04 3.32 0.00	69.38 2.98 -0.31	52.37 1.33 0.01	44.41 1.08 0.01	39.21 1.73 0.00	36.17 1.56 0.00
SHOREHAM_IC_2 23716	34.37 1.70 0.00	31.95 1.26 0.00	30.98 1.05 0.00	30.64 0.92 0.00	30.70 1.01 0.00	35.83 1.34 0.00	43.85 0.57 0.71	55.54 1.20 0.06	55.19 0.99 0.97	51.72 0.84 1.43	52.52 1.22 -0.28	47.22 1.04 1.22	45.48 1.20 0.09	44.55 1.51 0.01	43.96 1.61 0.00	44.97 1.69 0.00	50.74 1.67 0.01	61.47 2.42 0.00	71.04 3.32 0.00	69.38 2.97 -0.32	52.37 1.33 0.01	44.41 1.08 0.01	39.32 1.84 0.00	36.20 1.59 0.00
SISSONVILLE____ 23735	33.06 0.39 0.00	31.09 0.40 0.00	30.29 0.36 0.00	30.20 0.48 0.00	30.14 0.45 0.00	34.96 0.48 0.00	45.13 1.14 0.00	55.55 1.14 0.00	56.60 1.43 0.00	53.41 1.10 0.00	52.29 1.28 0.00	48.63 1.23 0.00	45.26 0.89 0.00	43.87 0.82 0.00	43.03 0.68 0.00	44.11 0.82 0.00	49.87 0.79 0.00	59.65 0.59 0.00	68.13 0.41 0.00	66.88 0.79 0.00	51.77 0.71 0.00	44.12 0.78 0.00	38.01 0.52 0.00	35.20 0.59 0.00
SITHE_IND_GS1 24169	29.13 -1.08 2.46	27.12 -0.98 2.59	27.12 -0.93 1.88	27.12 -0.92 1.68	27.12 -0.95 1.62	30.83 -1.10 2.54	41.01 -1.36 1.62	48.52 -1.74 4.14	45.65 -1.77 7.74	40.47 -1.62 10.22	38.71 -1.58 10.72	38.87 -1.47 7.06	37.93 -1.38 5.07	38.32 -1.34 3.40	37.63 -1.31 3.42	39.84 -1.39 2.06	45.85 -1.67 1.56	57.05 -2.01 0.00	61.24 -2.17 4.32	59.53 -2.12 4.45	49.13 -1.53 0.40	41.44 -1.21 0.68	36.02 -1.12 0.34	31.91 -1.07 1.63
SITHE_IND_GS2 24170	29.13 -1.08 2.46	27.12 -0.98 2.59	27.12 -0.93 1.88	27.12 -0.92 1.68	27.12 -0.95 1.62	30.83 -1.10 2.54	41.01 -1.36 1.62	48.52 -1.74 4.14	45.65 -1.77 7.74	40.47 -1.62 10.22	38.71 -1.58 10.72	38.87 -1.47 7.06	37.93 -1.38 5.07	38.32 -1.34 3.40	37.63 -1.31 3.42	39.84 -1.39 2.06	45.85 -1.67 1.56	57.05 -2.01 0.00	61.24 -2.17 4.32	59.53 -2.12 4.45	49.13 -1.53 0.40	41.44 -1.21 0.68	36.02 -1.12 0.34	31.91 -1.07 1.63
SITHE_IND_GS3 24171	29.13 -1.08 2.46	27.12 -0.98 2.59	27.12 -0.93 1.88	27.12 -0.92 1.68	27.12 -0.95 1.62	30.83 -1.10 2.54	41.01 -1.36 1.62	48.52 -1.74 4.14	45.65 -1.77 7.74	40.47 -1.62 10.22	38.71 -1.58 10.72	38.87 -1.47 7.06	37.93 -1.38 5.07	38.32 -1.34 3.40	37.63 -1.31 3.42	39.84 -1.39 2.06	45.85 -1.67 1.56	57.05 -2.01 0.00	61.24 -2.17 4.32	59.53 -2.12 4.45	49.13 -1.53 0.40	41.44 -1.21 0.68	36.02 -1.12 0.34	31.91 -1.07 1.63
SITHE_IND_GS4 24172	29.13 -1.08 2.46	27.12 -0.98 2.59	27.12 -0.93 1.88	27.12 -0.92 1.68	27.12 -0.95 1.62	30.83 -1.10 2.54	41.01 -1.36 1.62	48.52 -1.74 4.14	45.65 -1.77 7.74	40.47 -1.62 10.22	38.71 -1.58 10.72	38.87 -1.47 7.06	37.93 -1.38 5.07	38.32 -1.34 3.40	37.63 -1.31 3.42	39.84 -1.39 2.06	45.85 -1.67 1.56	57.05 -2.01 0.00	61.24 -2.17 4.32	59.53 -2.12 4.45	49.13 -1.53 0.40	41.44 -1.21 0.68	36.02 -1.12 0.34	31.91 -1.07 1.63

SITHE___BATAVIA 24024	32.37 -0.29 0.00	30.60 -0.09 0.00	30.11 0.18 0.00	29.81 0.09 0.00	29.55 -0.15 0.00	34.07 -0.41 0.00	43.06 -0.93 0.00	52.23 -2.18 0.00	53.07 -2.10 0.00	50.59 -1.73 0.00	49.38 -1.63 0.00	46.02 -1.38 0.00	43.13 -1.24 0.00	41.64 -1.42 0.00	41.00 -1.36 0.00	41.90 -1.39 0.00	46.83 -2.26 0.00	56.22 -2.83 0.00	65.56 -2.17 0.00	63.97 -2.12 0.00	50.44 -0.61 0.00	43.55 0.22 0.00	37.45 -0.04 0.00	34.72 0.10 0.00
SITHE___INDEPEND 23800	29.13 -1.08 2.46	27.12 -0.98 2.59	27.12 -0.93 1.88	27.12 -0.92 1.68	27.12 -0.95 1.62	30.83 -1.10 2.54	41.01 -1.36 1.62	48.52 -1.74 4.14	45.66 -1.77 7.74	40.47 -1.62 10.22	38.71 -1.58 10.72	38.87 -1.47 7.06	37.93 -1.38 5.07	38.32 -1.33 3.40	37.58 -1.36 3.42	39.79 -1.43 2.06	45.85 -1.67 1.56	57.05 -2.01 0.00	61.24 -2.17 4.32	59.53 -2.11 4.45	49.12 -1.53 0.40	41.44 -1.21 0.68	36.02 -1.12 0.34	31.91 -1.07 1.63
SITHE___MASSENA 23902	32.90 0.23 0.00	30.94 0.24 0.00	30.17 0.24 0.00	30.05 0.33 0.00	30.02 0.33 0.00	34.72 0.24 0.00	44.56 0.57 0.00	54.95 0.54 0.00	55.99 0.83 0.00	53.05 0.73 0.00	51.73 0.71 0.00	48.11 0.71 0.00	44.91 0.53 0.00	43.61 0.56 0.00	42.73 0.38 0.00	43.84 0.56 0.00	49.72 0.64 0.00	59.77 0.71 0.00	68.21 0.48 0.00	66.75 0.66 0.00	51.41 0.36 0.00	43.64 0.31 0.00	37.71 0.23 0.00	34.96 0.35 0.00
SITHE___OGDNSBRG 24021	33.32 0.65 0.00	31.37 0.68 0.00	30.56 0.63 0.00	30.47 0.74 0.00	30.41 0.71 0.00	35.24 0.76 0.00	45.53 1.54 0.00	56.09 1.69 0.00	56.99 1.82 0.00	53.67 1.36 0.00	52.39 1.38 0.00	48.72 1.33 0.00	45.40 1.02 0.00	44.00 0.95 0.00	43.16 0.80 0.00	44.28 1.00 0.00	50.31 1.23 0.00	60.53 1.48 0.00	69.15 1.42 0.00	68.01 1.92 0.00	52.43 1.38 0.00	44.46 1.13 0.00	38.35 0.86 0.00	35.51 0.90 0.00
SITHE___STERLING 23777	33.16 0.49 0.00	31.15 0.46 0.00	30.44 0.51 0.00	30.23 0.50 0.00	30.14 0.45 0.00	35.13 0.65 0.00	45.22 1.23 0.00	56.09 1.69 0.00	56.93 1.76 0.00	53.88 1.57 0.00	52.49 1.48 0.00	48.62 1.23 0.00	45.49 1.11 0.00	44.00 0.95 0.00	43.28 0.93 0.00	44.15 0.87 0.00	50.07 0.98 0.00	60.30 1.24 0.00	69.35 1.62 0.00	67.94 1.85 0.00	52.48 1.43 0.00	44.46 1.12 0.00	38.31 0.82 0.00	35.30 0.69 0.00
SLEIGHT__34_KV_TB1 80719	32.14 -0.62 -0.10	30.24 -0.55 -0.10	29.62 -0.39 -0.07	29.34 -0.45 -0.07	29.20 -0.56 -0.06	34.03 -0.55 -0.10	43.39 -0.66 -0.06	53.59 -0.98 -0.16	54.64 -0.83 -0.30	52.08 -0.63 -0.40	50.92 -0.51 -0.42	47.24 -0.43 -0.27	44.13 -0.44 -0.20	42.67 -0.52 -0.13	41.89 -0.59 -0.13	42.67 -0.69 -0.08	48.07 -1.08 -0.06	57.64 -1.42 0.00	66.82 -1.08 -0.17	65.14 -1.12 -0.18	50.51 -0.56 -0.02	43.10 -0.26 -0.03	37.05 -0.45 -0.01	34.19 -0.48 -0.06
SMITHTWN_69_KV_BK 1 55830	34.79 2.12 0.00	32.35 1.66 0.00	31.37 1.44 0.00	31.03 1.31 0.00	31.09 1.40 0.00	36.27 1.79 0.00	44.38 1.10 0.71	56.14 1.80 0.06	55.80 1.60 0.96	52.31 1.41 1.42	53.13 1.84 -0.28	47.84 1.66 1.21	46.10 1.82 0.09	45.15 2.11 0.01	44.55 2.20 0.00	45.53 2.25 0.00	51.38 2.31 0.01	62.18 3.13 0.00	71.85 4.13 0.00	70.11 3.70 -0.32	52.98 1.94 0.01	44.98 1.65 0.01	39.85 2.36 0.00	36.65 2.04 0.00
SOUTH CAIRO___GT 23612	34.10 1.44 0.00	32.04 1.35 0.00	31.16 1.23 0.00	30.91 1.19 0.00	31.18 1.48 0.00	36.24 1.76 0.00	46.23 2.24 0.00	57.98 3.59 0.01	58.40 3.25 0.02	54.72 2.41 0.00	53.31 2.35 0.05	48.81 1.42 0.00	45.75 1.38 0.00	44.43 1.38 0.00	43.79 1.44 0.00	44.97 1.69 0.00	50.76 1.96 0.29	57.99 2.72 3.78	70.57 2.84 0.00	69.28 3.24 0.05	52.89 1.84 0.00	44.81 1.47 0.00	38.80 1.31 0.00	35.89 1.28 0.00
SOUTH HAMPTN___IC 23720	34.56 1.89 0.00	32.11 1.41 0.00	31.13 1.20 0.00	30.82 1.10 0.00	30.88 1.19 0.00	36.03 1.55 0.00	43.98 0.70 0.71	55.76 1.41 0.06	55.40 1.21 0.97	52.03 1.15 1.44	52.93 1.63 -0.28	47.50 1.33 1.22	45.75 1.46 0.09	44.29 1.25 0.01	44.34 1.99 0.00	45.18 1.90 0.00	51.04 1.97 0.01	61.77 2.72 0.00	71.45 3.72 0.00	69.71 3.30 -0.31	52.63 1.58 0.01	44.59 1.26 0.01	39.32 1.84 0.00	36.34 1.73 0.00
SOUTHDOW_115KV_TB1 355954	32.31 -0.36 0.00	30.36 -0.34 0.00	29.81 -0.12 0.00	29.28 -0.45 0.00	28.92 -0.77 0.00	33.17 -1.31 0.00	42.14 -1.85 0.00	51.25 -3.16 0.00	51.47 -3.70 0.00	48.91 -3.40 0.00	47.65 -3.37 0.00	44.36 -3.03 0.00	41.67 -2.71 0.00	40.09 -2.97 0.00	39.64 -2.71 0.00	40.86 -2.42 0.00	45.70 -3.39 0.00	55.34 -3.72 0.00	64.88 -2.84 0.00	64.17 -1.92 0.00	50.65 -0.41 0.00	43.73 0.39 0.00	37.90 0.41 0.00	34.99 0.38 0.00
SOUTHOLD_69_KV_BK 2 55809	34.50 1.83 0.00	32.04 1.35 0.00	31.07 1.14 0.00	30.76 1.04 0.00	30.82 1.13 0.00	35.96 1.48 0.00	43.72 0.44 0.71	55.54 1.20 0.06	55.24 1.05 0.97	51.92 1.05 1.44	52.83 1.53 -0.28	47.40 1.23 1.22	45.57 1.29 0.09	44.64 1.59 0.01	44.04 1.69 0.00	45.05 1.77 0.00	50.89 1.82 0.01	61.47 2.42 0.00	71.18 3.45 0.00	69.45 3.04 -0.32	52.37 1.33 0.01	44.33 1.00 0.01	39.14 1.65 0.00	36.27 1.66 0.00
SOUTHOLD___IC 23719	34.49 1.83 0.00	32.01 1.32 0.00	31.07 1.14 0.00	30.76 1.04 0.00	30.82 1.13 0.00	35.96 1.48 0.00	43.72 0.44 0.71	55.54 1.20 0.06	55.18 0.99 0.97	51.87 0.99 1.44	52.83 1.53 -0.28	47.40 1.23 1.22	45.57 1.29 0.09	44.16 1.12 0.01	44.17 1.82 0.00	45.05 1.78 0.00	50.89 1.82 0.01	61.47 2.42 0.00	71.18 3.45 0.00	69.45 3.04 -0.31	52.37 1.33 0.01	44.37 1.04 0.01	39.02 1.54 0.00	36.24 1.63 0.00
SOUTH_FORK_WT_PWR 323839	34.14 1.47 0.00	31.68 0.98 0.00	30.74 0.81 0.00	30.43 0.71 0.00	30.53 0.83 0.00	35.62 1.14 0.00	43.06 -0.22 0.71	54.78 0.43 0.06	54.47 0.28 0.97	51.25 0.37 1.44	52.22 0.92 -0.28	46.79 0.61 1.22	45.04 0.75 0.09	43.60 0.56 0.01	43.66 1.31 0.00	44.49 1.21 0.00	50.30 1.23 0.01	60.65 1.60 0.00	70.23 2.51 0.00	68.58 2.18 -0.31	51.66 0.61 0.01	43.72 0.39 0.01	38.50 1.01 0.00	35.86 1.24 0.00
SPIERFLS_115KV_TB 1 80737	33.94 1.27 0.00	31.86 1.17 0.00	31.07 1.14 0.00	30.79 1.07 0.00	30.76 1.07 0.00	35.69 1.21 0.00	45.48 1.50 0.00	56.42 2.07 0.06	56.96 1.88 0.08	54.09 1.78 0.00	52.44 1.63 0.21	48.67 1.28 0.00	45.53 1.15 0.00	44.13 1.08 0.00	43.46 1.10 0.00	44.45 1.17 0.00	51.02 1.57 -0.37	66.00 2.13 -4.81	70.17 2.44 0.00	68.11 2.25 0.23	52.64 1.58 0.00	44.59 1.26 0.00	38.57 1.09 0.00	35.65 1.04 0.00
ST LAWRENCE____ 23600	32.54 -0.13 0.00	30.60 -0.09 0.00	29.81 -0.12 0.00	29.66 -0.06 0.00	29.64 -0.06 0.00	34.38 -0.10 0.00	43.94 -0.04 0.00	54.30 -0.11 0.00	55.22 0.06 0.00	52.31 0.00 0.00	51.06 0.05 0.00	47.49 0.09 0.00	44.38 0.00 0.00	43.10 0.04 0.00	42.27 -0.08 0.00	43.33 0.04 0.00	49.13 0.05 0.00	59.12 0.06 0.00	67.59 -0.14 0.00	66.02 -0.07 0.00	50.90 -0.15 0.00	43.12 -0.22 0.00	37.30 -0.19 0.00	34.51 -0.10 0.00

STATE_CA_115KV_115_LB 55624	33.42 0.75 0.00	31.43 0.74 0.00	30.53 0.60 0.00	30.35 0.62 0.00	30.32 0.62 0.00	35.20 0.72 0.00	44.56 0.57 0.00	55.17 0.82 0.05	55.81 0.72 0.08	53.05 0.73 0.00	51.53 0.71 0.20	47.96 0.57 0.00	44.95 0.58 0.00	43.66 0.60 0.00	42.99 0.64 0.00	43.93 0.65 0.00	49.34 0.83 0.58	52.43 1.00 7.63	68.74 1.02 0.00	66.80 0.93 0.22	51.67 0.61 0.00	43.86 0.52 0.00	38.12 0.64 0.00	35.27 0.66 0.00
STATE_ST_34_KV_LOAD 55959	32.69 -0.20 -0.22	30.74 -0.18 -0.23	30.01 -0.09 -0.17	29.79 -0.09 -0.15	29.69 -0.15 -0.15	34.61 -0.10 -0.23	44.14 0.00 -0.15	54.89 0.11 -0.38	55.97 0.11 -0.70	53.28 0.05 -0.92	52.03 0.05 -0.96	48.07 0.05 -0.63	44.83 0.00 -0.46	43.36 0.00 -0.31	42.62 -0.04 -0.31	43.34 -0.13 -0.19	49.08 -0.15 -0.14	58.88 -0.18 0.00	68.32 0.20 -0.39	66.76 0.26 -0.40	51.35 0.26 -0.04	43.66 0.26 -0.06	37.59 0.07 -0.03	34.73 -0.03 -0.15
STATION_5_MISC_HYD 23604	32.31 -0.36 0.00	30.45 -0.25 0.00	29.87 -0.06 0.00	29.52 -0.21 0.00	29.37 -0.33 0.00	34.10 -0.38 0.00	43.33 -0.66 0.00	53.16 -1.25 0.00	54.00 -1.16 0.00	51.47 -0.84 0.00	50.35 -0.66 0.00	46.87 -0.52 0.00	43.89 -0.49 0.00	42.50 -0.56 0.00	41.72 -0.63 0.00	42.59 -0.69 0.00	47.86 -1.23 0.00	57.46 -1.59 0.00	66.51 -1.22 0.00	64.83 -1.26 0.00	50.64 -0.41 0.00	43.34 0.00 0.00	37.30 -0.19 0.00	34.44 -0.17 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	32.38 -0.39 -0.10	30.46 -0.34 -0.11	29.83 -0.18 -0.08	29.55 -0.24 -0.07	29.41 -0.36 -0.07	34.21 -0.38 -0.11	43.57 -0.48 -0.07	53.82 -0.76 -0.17	54.82 -0.66 -0.31	52.20 -0.52 -0.41	51.04 -0.41 -0.43	47.30 -0.38 -0.29	44.23 -0.36 -0.21	42.72 -0.47 -0.14	41.98 -0.51 -0.14	42.80 -0.56 -0.08	48.26 -0.88 -0.06	57.93 -1.12 0.00	67.23 -0.68 -0.18	65.55 -0.73 -0.18	50.82 -0.26 -0.02	43.32 -0.04 -0.03	37.31 -0.19 -0.01	34.44 -0.24 -0.07
STA_56_34_KV_BUS2_REV_LBMP_B 345033	32.11 -0.56 0.00	30.23 -0.46 0.00	29.63 -0.30 0.00	29.31 -0.42 0.00	29.16 -0.53 0.00	33.89 -0.59 0.00	43.11 -0.88 0.00	52.88 -1.52 0.00	53.73 -1.43 0.00	51.22 -1.10 0.00	50.04 -0.97 0.00	46.63 -0.76 0.00	43.67 -0.71 0.00	42.24 -0.82 0.00	41.46 -0.89 0.00	42.33 -0.95 0.00	47.66 -1.42 0.00	57.17 -1.89 0.00	66.17 -1.56 0.00	64.50 -1.59 0.00	50.34 -0.71 0.00	43.03 -0.30 0.00	37.04 -0.45 0.00	34.20 -0.42 0.00
STA_56___34_KV_BUS2 355983	32.11 -0.56 0.00	30.23 -0.46 0.00	29.63 -0.30 0.00	29.31 -0.42 0.00	29.16 -0.53 0.00	33.89 -0.59 0.00	43.11 -0.88 0.00	52.88 -1.52 0.00	53.73 -1.43 0.00	51.22 -1.10 0.00	50.04 -0.97 0.00	46.63 -0.76 0.00	43.67 -0.71 0.00	42.24 -0.82 0.00	41.46 -0.89 0.00	42.33 -0.95 0.00	47.66 -1.42 0.00	57.17 -1.89 0.00	66.17 -1.56 0.00	64.50 -1.59 0.00	50.34 -0.71 0.00	43.03 -0.30 0.00	37.04 -0.45 0.00	34.20 -0.42 0.00
STA_67___115KV_BK2 355882	32.24 -0.42 0.00	30.36 -0.34 0.00	29.78 -0.15 0.00	29.45 -0.27 0.00	29.31 -0.39 0.00	34.03 -0.45 0.00	43.24 -0.75 0.00	52.99 -1.41 0.00	53.90 -1.27 0.00	51.32 -0.99 0.00	50.20 -0.82 0.00	46.73 -0.66 0.00	43.75 -0.62 0.00	42.32 -0.73 0.00	41.59 -0.76 0.00	42.46 -0.82 0.00	47.76 -1.33 0.00	57.28 -1.77 0.00	66.37 -1.35 0.00	64.64 -1.45 0.00	50.54 -0.51 0.00	43.25 -0.09 0.00	37.22 -0.26 0.00	34.37 -0.24 0.00
STA_7___115KV_9TRANS 80674	32.44 -0.23 0.00	30.54 -0.15 0.00	29.96 0.03 0.00	29.60 -0.12 0.00	29.46 -0.24 0.00	34.20 -0.28 0.00	43.50 -0.48 0.00	53.37 -1.03 0.00	54.28 -0.88 0.00	51.74 -0.58 0.00	50.61 -0.41 0.00	47.16 -0.24 0.00	44.11 -0.27 0.00	42.67 -0.39 0.00	41.93 -0.42 0.00	42.81 -0.48 0.00	48.10 -0.98 0.00	57.76 -1.30 0.00	66.92 -0.81 0.00	65.16 -0.93 0.00	50.90 -0.15 0.00	43.55 0.22 0.00	37.41 -0.07 0.00	34.58 -0.03 0.00
STA_82___115KV_TB1 80780	32.27 -0.39 0.00	30.39 -0.31 0.00	29.81 -0.12 0.00	29.48 -0.24 0.00	29.31 -0.39 0.00	34.03 -0.45 0.00	43.24 -0.75 0.00	52.99 -1.41 0.00	53.90 -1.27 0.00	51.37 -0.94 0.00	50.20 -0.82 0.00	46.73 -0.66 0.00	43.75 -0.62 0.00	42.32 -0.73 0.00	41.59 -0.76 0.00	42.46 -0.82 0.00	47.76 -1.33 0.00	57.34 -1.71 0.00	66.37 -1.35 0.00	64.70 -1.39 0.00	50.54 -0.51 0.00	43.25 -0.09 0.00	37.22 -0.26 0.00	34.40 -0.21 0.00
STEEL___WIND 323596	31.92 -0.75 0.00	30.17 -0.52 0.00	29.66 -0.27 0.00	29.28 -0.45 0.00	29.01 -0.68 0.00	33.34 -1.14 0.00	41.92 -2.07 0.00	50.60 -3.81 0.00	51.14 -4.02 0.00	48.81 -3.50 0.00	47.54 -3.47 0.00	44.41 -2.98 0.00	41.67 -2.71 0.00	40.21 -2.84 0.00	39.77 -2.59 0.00	40.77 -2.51 0.00	45.40 -3.68 0.00	54.57 -4.49 0.00	63.53 -4.20 0.00	62.26 -3.83 0.00	49.37 -1.68 0.00	42.82 -0.52 0.00	37.00 -0.49 0.00	34.37 -0.24 0.00
STEPHTWN_115KV_BK_2 55603	33.55 0.88 0.00	31.55 0.86 0.00	30.65 0.72 0.00	30.47 0.74 0.00	30.41 0.71 0.00	35.34 0.86 0.00	44.78 0.79 0.00	55.33 0.98 0.05	55.92 0.83 0.07	53.15 0.84 0.00	51.64 0.82 0.19	48.05 0.66 0.00	45.04 0.67 0.00	43.70 0.65 0.00	43.07 0.72 0.00	44.02 0.74 0.00	49.49 0.98 0.58	52.65 1.24 7.65	69.02 1.29 0.00	67.08 1.19 0.20	51.82 0.77 0.00	43.99 0.65 0.00	38.27 0.79 0.00	35.41 0.80 0.00
STEUBEN_REC_LFGE 323667	32.05 -0.62 0.00	30.26 -0.43 0.00	29.75 -0.18 0.00	29.42 -0.30 0.00	29.10 -0.59 0.00	33.45 -1.03 0.00	42.27 -1.72 0.00	52.17 -2.23 0.00	52.57 -2.59 0.00	49.59 -2.72 0.00	48.00 -3.01 0.00	44.50 -2.89 0.00	41.62 -2.75 0.00	40.30 -2.76 0.00	39.69 -2.67 0.00	40.43 -2.86 0.00	45.94 -3.14 0.00	55.93 -3.13 0.00	65.63 -2.10 0.00	64.50 -1.59 0.00	50.39 -0.66 0.00	43.03 -0.30 0.00	37.22 -0.26 0.00	34.34 -0.28 0.00
STILLWATER___SOLAR 323814	34.17 1.50 0.00	32.08 1.38 0.00	31.22 1.29 0.00	30.97 1.25 0.00	30.97 1.28 0.00	35.96 1.48 0.00	45.79 1.80 0.00	56.63 2.28 0.06	57.23 2.15 0.09	54.35 2.04 0.00	52.67 1.89 0.23	49.01 1.61 0.00	45.88 1.51 0.00	44.52 1.46 0.00	43.88 1.52 0.00	44.84 1.56 0.00	51.56 1.97 -0.51	68.33 2.54 -6.73	70.57 2.84 0.00	68.55 2.71 0.25	53.04 1.99 0.00	44.98 1.65 0.00	38.95 1.46 0.00	36.00 1.39 0.00
STONY___BROOK 24151	34.76 2.09 0.00	32.29 1.60 0.00	31.34 1.41 0.00	31.00 1.28 0.00	31.06 1.37 0.00	36.24 1.76 0.00	44.33 1.05 0.71	56.03 1.69 0.06	55.63 1.43 0.97	52.20 1.31 1.42	53.03 1.74 -0.28	47.74 1.56 1.21	46.01 1.73 0.09	44.59 1.55 0.01	44.63 2.29 0.00	45.48 2.21 0.00	51.23 2.16 0.01	62.06 3.01 0.00	71.72 3.99 0.00	69.97 3.57 -0.31	52.88 1.84 0.01	44.93 1.60 0.01	39.70 2.21 0.00	36.58 1.97 0.00
STURGEON_POOL_HYD 23609	34.56 1.89 0.00	32.35 1.66 0.00	31.43 1.50 0.00	31.12 1.40 0.00	31.09 1.40 0.00	36.14 1.66 0.00	46.01 2.02 0.00	57.49 3.05 -0.04	58.04 2.81 -0.06	54.82 2.51 0.00	53.83 2.65 -0.16	49.67 2.27 0.00	46.64 2.26 0.00	45.38 2.33 0.00	44.64 2.29 0.00	45.62 2.34 0.00	51.87 2.85 0.06	61.83 3.54 0.77	71.86 4.13 0.00	70.43 4.16 -0.18	53.76 2.71 0.00	45.50 2.17 0.00	39.55 2.06 0.00	36.41 1.80 0.00

ST_LAW_115_BK7_LBMP 345037	32.57 -0.10 0.00	30.60 -0.09 0.00	29.84 -0.09 0.00	29.69 -0.03 0.00	29.67 -0.03 0.00	34.38 -0.10 0.00	43.99 0.00 0.00	54.35 -0.05 0.00	55.28 0.11 0.00	52.37 0.05 0.00	51.12 0.10 0.00	47.54 0.14 0.00	44.42 0.04 0.00	43.10 0.04 0.00	42.31 -0.04 0.00	43.33 0.04 0.00	49.18 0.10 0.00	59.17 0.12 0.00	67.59 -0.14 0.00	66.02 -0.07 0.00	50.90 -0.15 0.00	43.16 -0.17 0.00	37.34 -0.15 0.00	34.54 -0.07 0.00
ST_LAW_115_BK8_LBMP 345038	32.57 -0.10 0.00	30.60 -0.09 0.00	29.84 -0.09 0.00	29.69 -0.03 0.00	29.67 -0.03 0.00	34.38 -0.10 0.00	43.99 0.00 0.00	54.35 -0.05 0.00	55.28 0.11 0.00	52.37 0.05 0.00	51.12 0.10 0.00	47.54 0.14 0.00	44.42 0.04 0.00	43.10 0.04 0.00	42.31 -0.04 0.00	43.33 0.04 0.00	49.18 0.10 0.00	59.17 0.12 0.00	67.59 -0.14 0.00	66.02 -0.07 0.00	50.90 -0.15 0.00	43.16 -0.17 0.00	37.34 -0.15 0.00	34.54 -0.07 0.00
ST_LAW_230_BK5_LBMP 345035	32.54 -0.13 0.00	30.60 -0.09 0.00	29.81 -0.12 0.00	29.66 -0.06 0.00	29.64 -0.06 0.00	34.38 -0.10 0.00	43.94 -0.04 0.00	54.30 -0.11 0.00	55.22 0.06 0.00	52.31 0.00 0.00	51.06 0.05 0.00	47.49 0.09 0.00	44.38 0.00 0.00	43.10 0.04 0.00	42.27 -0.08 0.00	43.33 0.04 0.00	49.13 0.05 0.00	59.12 0.06 0.00	67.59 -0.14 0.00	66.02 -0.07 0.00	50.90 -0.15 0.00	43.12 -0.22 0.00	37.30 -0.19 0.00	34.51 -0.10 0.00
ST_LAW_230_BK6_LBMP 345036	32.54 -0.13 0.00	30.60 -0.09 0.00	29.81 -0.12 0.00	29.66 -0.06 0.00	29.64 -0.06 0.00	34.38 -0.10 0.00	43.94 -0.04 0.00	54.30 -0.11 0.00	55.22 0.06 0.00	52.31 0.00 0.00	51.06 0.05 0.00	47.49 0.09 0.00	44.38 0.00 0.00	43.10 0.04 0.00	42.27 -0.08 0.00	43.33 0.04 0.00	49.13 0.05 0.00	59.12 0.06 0.00	67.59 -0.14 0.00	66.02 -0.07 0.00	50.90 -0.15 0.00	43.12 -0.22 0.00	37.30 -0.19 0.00	34.51 -0.10 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	34.59 1.93 0.00	32.41 1.72 0.00	31.49 1.56 0.00	31.15 1.43 0.00	31.15 1.46 0.00	36.20 1.72 0.00	46.06 2.07 0.00	57.41 2.94 -0.07	57.97 2.70 -0.10	54.82 2.51 0.00	53.72 2.45 -0.26	49.80 2.37 -0.04	46.69 2.31 0.00	45.38 2.33 0.00	44.69 2.33 0.00	45.67 2.38 0.00	51.84 2.75 0.00	62.48 3.43 0.00	72.00 4.27 0.00	70.47 4.10 -0.28	53.92 2.86 0.00	45.59 2.25 0.00	39.66 2.17 0.00	36.41 1.80 0.00
SWANROAD_115KV_TB1 355699	31.36 -1.31 0.00	29.62 -1.07 0.00	29.12 -0.81 0.00	29.07 -0.65 0.00	28.80 -0.89 0.00	32.86 -1.62 0.00	41.17 -2.82 0.00	49.45 -4.95 0.00	50.03 -5.13 0.00	47.97 -4.34 0.00	46.73 -4.29 0.00	43.70 -3.70 0.00	41.00 -3.37 0.00	39.48 -3.57 0.00	39.09 -3.26 0.00	40.04 -3.25 0.00	44.47 -4.61 0.00	53.27 -5.79 0.00	61.90 -5.82 0.00	60.47 -5.62 0.00	48.14 -2.91 0.00	41.91 -1.43 0.00	36.17 -1.31 0.00	33.64 -0.97 0.00
SYNERGY___BIOGAS 323694	32.37 -0.29 0.00	30.51 -0.18 0.00	30.05 0.12 0.00	29.81 0.09 0.00	29.55 -0.15 0.00	34.07 -0.41 0.00	43.06 -0.92 0.00	52.23 -2.18 0.00	53.01 -2.15 0.00	50.59 -1.73 0.00	49.38 -1.63 0.00	46.02 -1.37 0.00	43.13 -1.24 0.00	41.55 -1.51 0.00	40.96 -1.40 0.00	41.90 -1.39 0.00	46.83 -2.26 0.00	56.22 -2.83 0.00	65.56 -2.17 0.00	63.98 -2.11 0.00	50.44 -0.61 0.00	43.51 0.17 0.00	37.45 -0.04 0.00	34.68 0.07 0.00
SYRACUSE___ENERGY_ST1 323597	32.63 -0.33 -0.29	30.66 -0.34 -0.30	29.91 -0.24 -0.22	29.68 -0.24 -0.20	29.59 -0.30 -0.19	34.50 -0.28 -0.30	43.91 -0.26 -0.19	54.67 -0.22 -0.48	55.84 -0.22 -0.90	53.34 -0.16 -1.19	52.11 -0.15 -1.24	48.02 -0.19 -0.82	44.79 -0.18 -0.59	43.28 -0.17 -0.39	42.54 -0.21 -0.40	43.22 -0.30 -0.24	48.87 -0.39 -0.18	58.52 -0.53 0.00	67.89 -0.34 -0.50	66.28 -0.33 -0.52	50.95 -0.15 -0.05	43.33 -0.09 -0.08	37.34 -0.19 -0.04	34.53 -0.28 -0.19
SYRACUSE___ENERGY_ST2 323598	32.63 -0.33 -0.29	30.66 -0.34 -0.30	29.91 -0.24 -0.22	29.68 -0.24 -0.20	29.59 -0.30 -0.19	34.50 -0.28 -0.30	43.91 -0.26 -0.19	54.67 -0.22 -0.48	55.84 -0.22 -0.90	53.34 -0.16 -1.19	52.11 -0.15 -1.24	48.02 -0.19 -0.82	44.79 -0.18 -0.59	43.28 -0.17 -0.39	42.54 -0.21 -0.40	43.22 -0.30 -0.24	48.87 -0.39 -0.18	58.52 -0.53 0.00	67.89 -0.34 -0.50	66.28 -0.33 -0.52	50.95 -0.15 -0.05	43.33 -0.09 -0.08	37.34 -0.19 -0.04	34.53 -0.28 -0.19
SYRACUSE___POWER 24017	32.37 -0.39 -0.09	30.42 -0.37 -0.10	29.70 -0.30 -0.07	29.49 -0.30 -0.06	29.40 -0.36 -0.06	34.23 -0.34 -0.09	43.70 -0.35 -0.06	54.23 -0.33 -0.15	55.08 -0.33 -0.25	52.33 -0.31 -0.33	51.06 -0.31 -0.35	47.34 -0.28 -0.23	44.27 -0.27 -0.16	42.86 -0.30 -0.11	42.17 -0.30 -0.11	43.00 -0.35 -0.07	48.64 -0.49 -0.05	58.47 -0.59 0.00	67.42 -0.47 -0.16	65.86 -0.40 -0.17	50.87 -0.20 -0.01	43.23 -0.13 -0.03	37.27 -0.22 -0.01	34.36 -0.31 -0.06
TALLMAN__138KV_BK151 55660	34.72 2.06 0.00	32.50 1.81 0.00	31.58 1.65 0.00	31.24 1.52 0.00	31.24 1.54 0.00	36.34 1.86 0.00	46.23 2.24 0.00	57.69 3.21 -0.07	58.20 2.92 -0.11	55.03 2.72 0.00	53.99 2.70 -0.27	50.04 2.61 -0.04	46.95 2.57 -0.01	45.64 2.58 0.00	44.94 2.58 0.00	45.88 2.60 0.00	52.03 2.95 0.00	62.72 3.66 0.00	72.20 4.47 0.00	70.75 4.36 -0.30	54.02 2.96 0.00	45.72 2.38 0.00	39.81 2.32 0.00	36.52 1.90 0.00
TEALLAVE_115KV_TB7 355573	32.26 -0.49 -0.09	30.32 -0.46 -0.09	29.61 -0.39 -0.07	29.39 -0.39 -0.06	29.31 -0.45 -0.06	34.12 -0.45 -0.09	43.56 -0.48 -0.06	54.01 -0.54 -0.15	54.83 -0.55 -0.21	52.18 -0.42 -0.28	50.90 -0.41 -0.29	47.16 -0.43 -0.19	44.16 -0.36 -0.14	42.76 -0.39 -0.09	42.07 -0.38 -0.09	42.86 -0.48 -0.06	48.49 -0.64 -0.04	58.23 -0.83 0.00	67.14 -0.75 -0.15	65.59 -0.66 -0.16	50.66 -0.41 -0.01	43.06 -0.30 -0.02	37.12 -0.37 -0.01	34.25 -0.42 -0.06
TELGRAPH_34_KV_EAST 80808	31.98 -0.69 0.00	30.17 -0.52 0.00	29.69 -0.24 0.00	29.48 -0.24 0.00	29.22 -0.48 0.00	33.55 -0.93 0.00	42.27 -1.72 0.00	51.03 -3.37 0.00	51.69 -3.48 0.00	49.44 -2.88 0.00	48.21 -2.81 0.00	45.02 -2.37 0.00	42.20 -2.17 0.00	40.64 -2.41 0.00	40.15 -2.20 0.00	41.12 -2.16 0.00	45.80 -3.29 0.00	54.98 -4.07 0.00	63.94 -3.79 0.00	62.46 -3.63 0.00	49.47 -1.58 0.00	42.86 -0.48 0.00	36.92 -0.56 0.00	34.27 -0.35 0.00
TEMPLE___115KV_TB 2 55572	32.28 -0.46 -0.07	30.34 -0.43 -0.07	29.63 -0.36 -0.05	29.38 -0.39 -0.05	29.33 -0.42 -0.05	34.10 -0.45 -0.07	43.55 -0.48 -0.05	53.98 -0.54 -0.12	54.67 -0.50 0.00	51.90 -0.42 0.00	50.61 -0.41 0.00	47.01 -0.38 0.00	44.02 -0.36 0.00	42.71 -0.34 0.00	42.02 -0.34 0.00	42.85 -0.43 0.00	48.50 -0.59 0.00	58.29 -0.77 0.00	67.17 -0.68 -0.12	65.56 -0.66 -0.13	50.66 -0.41 -0.01	43.05 -0.30 -0.02	37.12 -0.37 -0.01	34.24 -0.42 -0.05
TIANA____69_KV_BK 1 55817	34.59 1.93 0.00	32.14 1.44 0.00	31.16 1.23 0.00	30.85 1.13 0.00	30.91 1.22 0.00	36.07 1.59 0.00	44.11 0.84 0.71	55.92 1.58 0.06	55.57 1.38 0.97	52.08 1.20 1.44	52.93 1.63 -0.28	47.59 1.42 1.22	45.79 1.51 0.09	44.85 1.81 0.01	44.26 1.91 0.00	45.27 1.99 0.00	51.08 2.01 0.01	61.89 2.83 0.00	71.58 3.86 0.00	69.84 3.44 -0.32	52.73 1.68 0.01	44.67 1.34 0.01	39.51 2.02 0.00	36.41 1.80 0.00

TILDEN___115KV_TB1 80814	32.37 -0.39 -0.09	30.42 -0.37 -0.10	29.70 -0.30 -0.07	29.49 -0.30 -0.06	29.40 -0.36 -0.06	34.23 -0.34 -0.09	43.70 -0.35 -0.06	54.23 -0.33 -0.15	55.08 -0.33 -0.25	52.33 -0.31 -0.33	51.06 -0.31 -0.35	47.34 -0.28 -0.23	44.27 -0.27 -0.16	42.86 -0.30 -0.11	42.17 -0.30 -0.11	43.00 -0.35 -0.07	48.64 -0.49 -0.05	58.47 -0.59 0.00	67.42 -0.47 -0.16	65.86 -0.40 -0.17	50.87 -0.20 -0.01	43.23 -0.13 -0.03	37.27 -0.22 -0.01	34.36 -0.31 -0.06
TRIGEN___CC 323695	34.76 2.09 0.00	32.41 1.72 0.00	31.43 1.50 0.00	31.09 1.37 0.00	31.15 1.46 0.00	36.31 1.83 0.00	45.45 1.63 0.17	57.00 2.56 -0.04	57.34 2.32 0.14	54.13 2.14 0.33	53.75 2.45 -0.29	49.40 2.27 0.27	46.70 2.35 0.02	45.59 2.54 0.01	44.89 2.54 0.00	45.87 2.60 0.00	51.88 2.80 0.01	62.65 3.60 0.00	72.33 4.61 0.00	70.64 4.23 -0.32	53.55 2.50 0.01	45.24 1.91 0.01	39.81 2.32 0.00	36.55 1.94 0.00
TRINITY___115KV__4 BK 55933	33.35 0.69 0.00	31.37 0.68 0.00	30.47 0.54 0.00	30.26 0.53 0.00	30.26 0.56 0.00	35.14 0.66 0.00	44.47 0.48 0.00	54.84 0.49 0.05	55.42 0.33 0.07	52.68 0.37 0.00	51.18 0.36 0.19	47.67 0.28 0.00	44.69 0.31 0.00	43.40 0.34 0.00	42.78 0.42 0.00	43.67 0.39 0.00	49.05 0.54 0.58	52.11 0.65 7.59	68.34 0.61 0.00	66.42 0.53 0.20	51.36 0.31 0.00	43.60 0.26 0.00	37.94 0.45 0.00	35.10 0.48 0.00
UNION___PROCESSING_DRP 323587	32.27 -0.39 0.00	30.39 -0.31 0.00	29.81 -0.12 0.00	29.48 -0.24 0.00	29.34 -0.36 0.00	34.07 -0.41 0.00	43.28 -0.70 0.00	53.04 -1.36 0.00	53.90 -1.27 0.00	51.37 -0.94 0.00	50.20 -0.82 0.00	46.78 -0.62 0.00	43.80 -0.58 0.00	42.32 -0.73 0.00	41.63 -0.72 0.00	42.50 -0.78 0.00	47.76 -1.33 0.00	57.34 -1.71 0.00	66.37 -1.35 0.00	64.70 -1.39 0.00	50.54 -0.51 0.00	43.25 -0.09 0.00	37.22 -0.26 0.00	34.40 -0.21 0.00
UPPER HUDSON___HYD 24058	33.94 1.27 0.00	31.86 1.17 0.00	31.07 1.14 0.00	30.79 1.07 0.00	30.76 1.07 0.00	35.69 1.21 0.00	45.49 1.50 0.00	56.42 2.07 0.06	56.96 1.88 0.08	54.09 1.78 0.00	52.44 1.63 0.21	48.67 1.28 0.00	45.53 1.15 0.00	44.13 1.08 0.00	43.45 1.10 0.00	44.45 1.17 0.00	51.02 1.57 -0.37	66.04 2.12 -4.86	70.16 2.43 0.00	68.11 2.25 0.23	52.64 1.58 0.00	44.64 1.30 0.00	38.57 1.09 0.00	35.65 1.04 0.00
UPPER RAQUET___HYD 24056	33.06 0.39 0.00	31.09 0.40 0.00	30.29 0.36 0.00	30.20 0.47 0.00	30.14 0.45 0.00	34.96 0.48 0.00	45.13 1.14 0.00	55.55 1.14 0.00	56.60 1.43 0.00	53.41 1.10 0.00	52.29 1.28 0.00	48.62 1.23 0.00	45.26 0.89 0.00	43.87 0.82 0.00	42.95 0.59 0.00	44.10 0.82 0.00	49.87 0.78 0.00	59.65 0.59 0.00	68.14 0.41 0.00	66.89 0.80 0.00	51.77 0.71 0.00	44.12 0.78 0.00	38.01 0.52 0.00	35.20 0.59 0.00
VALLEY44_115KV_TB2 355964	31.62 -1.05 0.00	29.86 -0.83 0.00	29.36 -0.57 0.00	29.04 -0.68 0.00	28.80 -0.89 0.00	33.03 -1.45 0.00	41.88 -2.11 0.00	51.03 -3.37 0.00	51.36 -3.81 0.00	48.65 -3.66 0.00	47.29 -3.72 0.00	44.12 -3.27 0.00	41.40 -2.97 0.00	39.91 -3.14 0.00	39.43 -2.92 0.00	40.51 -2.77 0.00	45.40 -3.68 0.00	54.86 -4.19 0.00	64.00 -3.73 0.00	62.92 -3.17 0.00	49.37 -1.68 0.00	42.51 -0.82 0.00	36.81 -0.67 0.00	34.02 -0.59 0.00
VALLEY___115KV_TB 1-4 80826	32.96 0.29 0.00	30.97 0.28 0.00	30.23 0.30 0.00	30.02 0.30 0.00	29.99 0.30 0.00	34.93 0.45 0.00	44.82 0.84 0.00	55.55 1.14 0.00	56.38 1.21 0.00	53.52 1.20 0.00	52.24 1.22 0.00	48.34 0.95 0.00	45.17 0.80 0.00	43.66 0.60 0.00	42.86 0.51 0.00	43.72 0.43 0.00	49.58 0.49 0.00	59.59 0.53 0.00	68.41 0.68 0.00	66.88 0.79 0.00	51.67 0.61 0.00	43.90 0.56 0.00	37.97 0.49 0.00	35.06 0.45 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	33.91 1.24 0.00	31.83 1.14 0.00	31.10 1.17 0.00	30.85 1.13 0.00	30.76 1.07 0.00	35.72 1.24 0.00	45.79 1.80 0.00	56.74 2.34 0.00	57.54 2.37 0.00	54.51 2.20 0.00	53.16 2.14 0.00	49.29 1.90 0.00	46.20 1.82 0.00	44.69 1.64 0.00	43.96 1.61 0.00	44.93 1.64 0.00	50.95 1.87 0.00	61.36 2.30 0.00	70.51 2.78 0.00	69.06 2.97 0.00	53.35 2.30 0.00	45.16 1.82 0.00	39.06 1.57 0.00	35.93 1.32 0.00
VISCHER___FERRY HYD 24020	33.97 1.31 0.00	31.92 1.23 0.00	31.01 1.08 0.00	30.79 1.07 0.00	30.79 1.10 0.00	35.79 1.31 0.00	45.53 1.54 0.00	56.12 1.79 0.08	56.71 1.65 0.11	53.88 1.57 0.00	52.21 1.48 0.29	48.72 1.33 0.00	45.66 1.29 0.00	44.35 1.29 0.00	43.75 1.40 0.00	44.67 1.38 0.00	51.82 1.76 -0.97	73.98 2.19 -12.74	70.10 2.37 0.00	68.03 2.25 0.31	52.69 1.63 0.00	44.72 1.39 0.00	38.76 1.28 0.00	35.86 1.24 0.00
V_A_10_SYNC_DSASP 323832	31.92 -0.75 0.00	30.11 -0.58 0.00	29.57 -0.36 0.00	29.22 -0.51 0.00	29.01 -0.68 0.00	33.51 -0.97 0.00	42.05 -1.94 0.00	50.87 -3.54 0.00	51.47 -3.70 0.00	49.28 -3.03 0.00	48.06 -2.96 0.00	44.88 -2.51 0.00	42.07 -2.31 0.00	40.60 -2.45 0.00	40.11 -2.24 0.00	41.03 -2.25 0.00	45.75 -3.34 0.00	54.86 -4.19 0.00	63.60 -4.13 0.00	62.06 -4.03 0.00	49.17 -1.89 0.00	42.60 -0.74 0.00	36.74 -0.75 0.00	34.09 -0.52 0.00
V_CMM_10_SYNC_DSASP 323787	32.70 0.03 0.00	30.75 0.06 0.00	29.99 0.06 0.00	29.84 0.12 0.00	29.81 0.12 0.00	34.55 0.07 0.00	44.21 0.22 0.00	54.62 0.22 0.00	55.61 0.44 0.00	52.68 0.37 0.00	51.37 0.36 0.00	47.77 0.38 0.00	44.64 0.27 0.00	43.31 0.26 0.00	42.57 0.21 0.00	43.54 0.26 0.00	49.43 0.34 0.00	59.47 0.41 0.00	67.86 0.14 0.00	66.35 0.26 0.00	51.11 0.05 0.00	43.38 0.04 0.00	37.49 0.00 0.00	34.72 0.10 0.00
V_CMP_10_SYNC_DSASP 323788	32.28 -0.39 0.00	30.33 -0.37 0.00	29.45 -0.48 0.00	29.37 -0.36 0.00	29.37 -0.33 0.00	34.00 -0.48 0.00	43.06 -0.93 0.00	53.05 -1.36 0.00	54.39 -0.77 0.00	51.74 -0.57 0.00	50.66 -0.35 0.00	47.35 -0.05 0.00	44.20 -0.18 0.00	42.97 -0.09 0.00	42.06 -0.29 0.00	43.20 -0.09 0.00	49.08 0.00 0.00	58.94 -0.12 0.00	66.92 -0.81 0.00	65.43 -0.66 0.00	50.14 -0.92 0.00	42.30 -1.04 0.00	36.74 -0.75 0.00	34.06 -0.56 0.00
V_D_10_SYNC_DSASP 323841	32.90 0.23 0.00	30.94 0.24 0.00	30.17 0.24 0.00	30.05 0.33 0.00	30.02 0.33 0.00	34.72 0.24 0.00	44.56 0.57 0.00	54.95 0.54 0.00	55.99 0.83 0.00	52.99 0.68 0.00	51.73 0.71 0.00	48.11 0.71 0.00	44.91 0.53 0.00	43.61 0.56 0.00	42.73 0.38 0.00	43.80 0.52 0.00	49.72 0.64 0.00	59.77 0.71 0.00	68.21 0.48 0.00	66.75 0.66 0.00	51.41 0.36 0.00	43.64 0.31 0.00	37.71 0.23 0.00	34.96 0.35 0.00
V_E_10_SYNC_DSASP 323830	33.51 0.85 0.00	31.55 0.86 0.00	30.95 1.02 0.00	30.85 1.13 0.00	30.73 1.04 0.00	36.03 1.55 0.00	46.98 2.99 0.00	58.37 3.97 0.00	59.08 3.92 0.00	55.45 3.14 0.00	53.72 2.70 0.00	49.58 2.18 0.00	46.33 1.95 0.00	44.56 1.51 0.00	43.80 1.44 0.00	44.54 1.26 0.00	50.70 1.62 0.00	61.54 2.48 0.00	71.25 3.52 0.00	70.19 4.10 0.00	54.27 3.22 0.00	45.63 2.30 0.00	39.25 1.76 0.00	36.07 1.45 0.00

V_F_30_NSYNC___DSASP 323816	34.20 1.54 0.00	32.08 1.38 0.00	31.25 1.32 0.00	31.00 1.28 0.00	30.97 1.28 0.00	36.00 1.52 0.00	45.84 1.85 0.00	56.68 2.34 0.06	57.29 2.21 0.08	54.41 2.09 0.00	52.73 1.94 0.22	49.05 1.66 0.00	45.93 1.55 0.00	44.56 1.51 0.00	43.92 1.57 0.00	44.89 1.60 0.00	51.55 2.01 -0.45	67.49 2.54 -5.89	70.64 2.91 0.00	68.56 2.71 0.24	53.04 1.99 0.00	45.03 1.69 0.00	38.95 1.46 0.00	36.00 1.39 0.00
V_F_30_SYNC_DSASP 323786	33.42 0.75 0.00	31.43 0.74 0.00	30.53 0.60 0.00	30.32 0.59 0.00	30.29 0.59 0.00	35.20 0.72 0.00	44.56 0.57 0.00	55.17 0.82 0.05	55.81 0.72 0.08	52.99 0.68 0.00	51.48 0.66 0.20	47.96 0.57 0.00	44.95 0.58 0.00	43.66 0.60 0.00	42.99 0.64 0.00	43.93 0.65 0.00	49.34 0.83 0.58	52.45 1.00 7.61	68.74 1.02 0.00	66.80 0.93 0.22	51.67 0.61 0.00	43.86 0.52 0.00	38.12 0.64 0.00	35.27 0.66 0.00
V_XM_10_SYNC_DSASP 323789	32.28 -0.39 0.00	30.33 -0.37 0.00	29.45 -0.48 0.00	29.37 -0.36 0.00	29.37 -0.33 0.00	34.00 -0.48 0.00	43.06 -0.93 0.00	53.05 -1.36 0.00	54.39 -0.77 0.00	51.74 -0.57 0.00	50.66 -0.35 0.00	47.35 -0.05 0.00	44.20 -0.18 0.00	42.97 -0.09 0.00	42.06 -0.29 0.00	43.20 -0.09 0.00	49.08 0.00 0.00	58.94 -0.12 0.00	66.92 -0.81 0.00	65.43 -0.66 0.00	50.14 -0.92 0.00	42.30 -1.04 0.00	36.74 -0.75 0.00	34.06 -0.56 0.00
W.BABYLN_69_KV_BK1 56697	35.15 2.48 0.00	32.72 2.03 0.00	31.73 1.80 0.00	31.39 1.66 0.00	31.45 1.75 0.00	36.69 2.21 0.00	44.93 1.54 0.60	56.81 2.45 0.04	56.40 2.04 0.80	52.99 1.88 1.21	53.90 2.60 -0.28	48.45 2.09 1.03	46.65 2.35 0.08	45.67 2.63 0.01	45.02 2.67 0.00	46.00 2.73 0.00	52.02 2.95 0.01	62.89 3.84 0.00	72.74 5.01 0.00	71.03 4.63 -0.32	53.80 2.76 0.01	45.50 2.17 0.01	40.30 2.81 0.00	36.97 2.35 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	34.82 2.16 0.00	32.63 1.93 0.00	31.67 1.74 0.00	31.33 1.60 0.00	31.33 1.63 0.00	36.51 2.03 0.00	46.54 2.55 0.00	58.13 3.65 -0.08	58.64 3.37 -0.11	55.50 3.19 0.00	54.46 3.16 -0.28	50.47 3.03 -0.04	47.35 2.97 -0.01	46.03 2.97 0.00	45.28 2.92 0.00	46.27 2.99 0.00	52.23 3.14 0.00	62.96 3.90 0.00	72.54 4.81 0.00	71.02 4.63 -0.30	54.27 3.22 0.00	45.89 2.56 0.00	39.92 2.44 0.00	36.65 2.04 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	35.05 2.38 0.00	32.81 2.12 0.00	31.85 1.92 0.00	31.48 1.75 0.00	31.51 1.81 0.00	36.69 2.21 0.00	46.63 2.64 0.00	58.24 3.75 -0.08	58.82 3.53 -0.12	55.61 3.30 0.00	54.68 3.37 -0.30	50.71 3.22 -0.09	47.49 3.11 -0.01	46.21 3.14 -0.01	45.49 3.13 0.00	46.45 3.16 0.00	52.67 3.58 0.00	63.49 4.43 0.00	73.02 5.28 0.00	71.44 5.02 -0.32	54.58 3.52 0.00	46.15 2.82 0.00	40.18 2.70 0.00	36.90 2.28 0.00
W50THST__13_KV_LOAD 356117	35.18 2.52 0.00	32.93 2.24 0.00	31.97 2.04 0.00	31.59 1.87 0.00	31.63 1.93 0.00	36.83 2.34 0.00	46.85 2.86 0.00	58.57 4.08 -0.08	59.15 3.86 -0.12	55.92 3.61 0.00	54.99 3.67 -0.30	51.04 3.55 -0.09	47.76 3.37 -0.01	46.47 3.40 -0.01	45.75 3.39 0.00	46.71 3.42 0.00	52.97 3.88 0.00	63.79 4.72 0.00	73.42 5.69 0.00	71.77 5.35 -0.32	54.84 3.78 0.00	46.37 3.03 0.00	40.37 2.89 0.00	37.04 2.42 0.00
WADING RIVER_IC_1 23522	34.40 1.73 0.00	31.95 1.26 0.00	30.98 1.05 0.00	30.67 0.95 0.00	30.73 1.04 0.00	35.86 1.38 0.00	43.85 0.57 0.71	55.54 1.20 0.06	55.13 0.94 0.97	51.71 0.83 1.44	52.57 1.28 -0.28	47.26 1.09 1.22	45.52 1.24 0.09	44.12 1.08 0.01	44.13 1.78 0.00	44.96 1.69 0.00	50.79 1.72 0.01	61.47 2.42 0.00	71.11 3.38 0.00	69.38 2.98 -0.31	52.42 1.38 0.01	44.45 1.12 0.01	39.25 1.76 0.00	36.21 1.59 0.00
WADING RIVER_IC_2 23547	34.40 1.73 0.00	31.95 1.26 0.00	30.98 1.05 0.00	30.67 0.95 0.00	30.73 1.04 0.00	35.86 1.38 0.00	43.85 0.57 0.71	55.54 1.20 0.06	55.13 0.94 0.97	51.71 0.83 1.44	52.57 1.28 -0.28	47.26 1.09 1.22	45.52 1.24 0.09	44.12 1.08 0.01	44.13 1.78 0.00	44.96 1.69 0.00	50.79 1.72 0.01	61.47 2.42 0.00	71.11 3.38 0.00	69.38 2.98 -0.31	52.42 1.38 0.01	44.45 1.12 0.01	39.25 1.76 0.00	36.21 1.59 0.00
WADING RIVER_IC_3 23601	34.40 1.73 0.00	31.95 1.26 0.00	30.98 1.05 0.00	30.67 0.95 0.00	30.73 1.04 0.00	35.86 1.38 0.00	43.85 0.57 0.71	55.54 1.20 0.06	55.13 0.94 0.97	51.71 0.83 1.44	52.57 1.28 -0.28	47.26 1.09 1.22	45.52 1.24 0.09	44.12 1.08 0.01	44.13 1.78 0.00	44.96 1.69 0.00	50.79 1.72 0.01	61.47 2.42 0.00	71.11 3.38 0.00	69.38 2.98 -0.31	52.42 1.38 0.01	44.45 1.12 0.01	39.25 1.76 0.00	36.21 1.59 0.00
WALDENNY_12_KV_BK2 80841	31.95 -0.72 0.00	30.11 -0.58 0.00	29.63 -0.30 0.00	29.37 -0.36 0.00	29.07 -0.62 0.00	33.38 -1.10 0.00	42.01 -1.98 0.00	50.65 -3.75 0.00	51.19 -3.97 0.00	48.97 -3.35 0.00	47.70 -3.32 0.00	44.55 -2.84 0.00	41.80 -2.57 0.00	40.21 -2.84 0.00	39.81 -2.54 0.00	40.86 -2.42 0.00	45.45 -3.63 0.00	54.63 -4.43 0.00	63.60 -4.13 0.00	62.32 -3.77 0.00	49.42 -1.63 0.00	42.86 -0.48 0.00	37.04 -0.45 0.00	34.37 -0.24 0.00
WALDEN__HYDRO 24148	34.69 2.03 0.00	32.50 1.81 0.00	31.58 1.65 0.00	31.24 1.52 0.00	31.21 1.51 0.00	36.27 1.79 0.00	46.19 2.20 0.00	57.68 3.21 -0.06	58.18 2.92 -0.09	55.09 2.77 0.00	53.96 2.70 -0.24	49.97 2.56 -0.01	46.91 2.53 0.00	45.60 2.54 0.00	44.85 2.50 0.00	45.84 2.55 0.00	52.03 2.95 0.00	62.78 3.72 0.00	72.33 4.61 0.00	70.84 4.49 -0.26	54.12 3.06 0.00	45.81 2.47 0.00	39.81 2.32 0.00	36.55 1.94 0.00
WARRENSBURG____ 23737	33.94 1.27 0.00	31.86 1.17 0.00	31.07 1.14 0.00	30.79 1.07 0.00	30.76 1.07 0.00	35.69 1.21 0.00	45.48 1.50 0.00	56.42 2.07 0.06	56.96 1.88 0.08	54.09 1.78 0.00	52.44 1.63 0.21	48.67 1.28 0.00	45.53 1.15 0.00	44.13 1.08 0.00	43.46 1.10 0.00	44.45 1.17 0.00	51.02 1.57 -0.37	66.00 2.13 -4.81	70.17 2.44 0.00	68.11 2.25 0.23	52.64 1.58 0.00	44.59 1.26 0.00	38.57 1.09 0.00	35.65 1.04 0.00
WATERSIDE____6 8 9 23538	35.19 2.52 -0.01	32.91 2.21 -0.01	31.94 2.01 -0.01	31.60 1.87 -0.01	31.60 1.90 -0.01	36.80 2.31 -0.01	46.72 2.73 0.00	58.13 3.65 -0.08	58.66 3.37 -0.12	55.45 3.14 0.00	54.48 3.16 -0.30	50.53 3.03 -0.11	47.45 3.06 -0.01	46.17 3.10 -0.01	45.45 3.09 -0.01	46.40 3.12 -0.01	52.53 3.44 -0.01	63.31 4.25 -0.01	72.88 5.15 -0.01	71.24 4.82 -0.33	54.43 3.37 -0.01	46.20 2.86 0.00	40.34 2.85 -0.01	37.04 2.42 -0.01
WATKINRD_115KV_LN8_ILLION 55919	32.93 0.26 0.00	30.94 0.25 0.00	30.20 0.27 0.00	29.99 0.27 0.00	29.96 0.27 0.00	34.86 0.38 0.00	44.65 0.66 0.00	55.28 0.87 0.00	56.05 0.88 0.00	53.15 0.84 0.00	51.88 0.87 0.00	48.10 0.71 0.00	44.95 0.58 0.00	43.53 0.47 0.00	42.78 0.42 0.00	43.67 0.39 0.00	49.53 0.44 0.00	59.59 0.53 0.00	68.34 0.61 0.00	66.82 0.73 0.00	51.62 0.56 0.00	43.81 0.48 0.00	37.90 0.41 0.00	34.99 0.38 0.00

WDELAWARE___HYD 323627	34.76 2.09 0.00	32.57 1.87 0.00	31.67 1.74 0.00	31.36 1.63 0.00	31.27 1.57 0.00	36.34 1.86 0.00	46.41 2.42 0.00	57.94 3.48 -0.05	58.49 3.25 -0.07	55.40 3.09 0.00	54.11 2.91 -0.19	50.11 2.70 -0.01	47.04 2.66 0.00	45.68 2.63 0.00	44.98 2.63 0.00	45.92 2.64 0.00	52.18 3.09 0.00	63.01 3.96 0.00	72.67 4.94 0.00	71.12 4.82 -0.20	54.42 3.37 0.00	46.07 2.73 0.00	39.92 2.44 0.00	36.65 2.04 0.00
WEST BABYLON___IC 23714	35.15 2.48 0.00	32.72 2.03 0.00	31.73 1.80 0.00	31.39 1.66 0.00	31.45 1.75 0.00	36.69 2.21 0.00	44.93 1.54 0.60	56.81 2.45 0.04	56.40 2.04 0.80	52.99 1.88 1.21	53.90 2.60 -0.28	48.45 2.09 1.03	46.65 2.35 0.08	45.67 2.63 0.01	45.02 2.67 0.00	46.00 2.73 0.00	52.02 2.95 0.01	62.89 3.84 0.00	72.74 5.01 0.00	71.03 4.63 -0.32	53.80 2.76 0.01	45.50 2.17 0.01	40.30 2.81 0.00	36.97 2.35 0.00
WEST CANADA___HYD 24049	32.76 0.10 0.00	30.79 0.09 0.00	30.02 0.09 0.00	29.81 0.09 0.00	29.78 0.09 0.00	34.62 0.14 0.00	44.17 0.18 0.00	54.68 0.27 0.00	55.39 0.22 0.00	52.52 0.21 0.00	51.17 0.15 0.00	47.54 0.14 0.00	44.51 0.13 0.00	43.19 0.13 0.00	42.48 0.13 0.00	43.37 0.09 0.00	49.23 0.15 0.00	59.23 0.18 0.00	67.93 0.20 0.00	66.29 0.20 0.00	51.21 0.15 0.00	43.47 0.13 0.00	37.60 0.11 0.00	34.72 0.10 0.00
WESTERN_NY_WIND 24143	32.34 -0.33 0.00	30.48 -0.21 0.00	30.02 0.09 0.00	29.78 0.06 0.00	29.52 -0.18 0.00	34.03 -0.45 0.00	42.98 -1.01 0.00	52.12 -2.29 0.00	52.85 -2.32 0.00	50.48 -1.83 0.00	49.23 -1.79 0.00	45.92 -1.47 0.00	43.00 -1.38 0.00	41.46 -1.59 0.00	40.87 -1.48 0.00	41.81 -1.47 0.00	46.68 -2.41 0.00	56.10 -2.95 0.00	65.36 -2.37 0.00	63.78 -2.31 0.00	50.39 -0.66 0.00	43.47 0.13 0.00	37.41 -0.07 0.00	34.68 0.07 0.00
WESTOVER___LESR 323668	32.80 0.13 0.00	30.85 0.15 0.00	30.17 0.24 0.00	29.93 0.21 0.00	29.84 0.15 0.00	34.58 0.10 0.00	44.08 0.09 0.00	54.35 -0.05 0.00	54.94 -0.22 0.00	52.05 -0.26 0.00	50.66 -0.36 0.00	47.11 -0.28 0.00	44.15 -0.22 0.00	42.75 -0.30 0.00	42.10 -0.25 0.00	43.02 -0.26 0.00	48.69 -0.39 0.00	58.70 -0.35 0.00	67.73 0.00 0.00	66.22 0.13 0.00	51.41 0.36 0.00	43.77 0.43 0.00	37.82 0.34 0.00	34.85 0.24 0.00
WETHRSFD_WT_PWR 323626	31.79 -0.88 0.00	30.05 -0.65 0.00	29.51 -0.42 0.00	29.16 -0.57 0.00	28.83 -0.86 0.00	33.03 -1.45 0.00	41.61 -2.38 0.00	51.20 -3.21 0.00	51.58 -3.58 0.00	4.01 -3.66 44.64	4.06 -3.77 43.18	1.05 -3.51 42.84	1.00 -3.33 40.05	1.00 -3.23 38.83	1.00 -3.01 38.35	1.00 -3.25 39.04	1.00 -3.78 44.31	55.16 -3.90 0.00	64.95 -2.78 0.00	63.84 -2.25 0.00	50.03 -1.02 0.00	42.77 -0.56 0.00	37.04 -0.45 0.00	34.20 -0.41 0.00
WHAVSTOR_138KV_BK127 55557	34.69 2.03 0.00	32.50 1.81 0.00	31.55 1.62 0.00	31.21 1.49 0.00	31.24 1.54 0.00	36.31 1.83 0.00	46.23 2.24 0.00	57.69 3.21 -0.08	58.25 2.98 -0.11	55.09 2.77 0.00	54.05 2.75 -0.28	50.09 2.65 -0.04	46.95 2.57 -0.01	45.68 2.63 0.00	44.94 2.58 0.00	45.93 2.64 0.00	51.93 2.85 0.00	62.60 3.54 0.00	72.13 4.40 0.00	70.62 4.23 -0.30	53.97 2.91 0.00	45.63 2.30 0.00	39.74 2.25 0.00	36.48 1.87 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	34.69 2.03 0.00	32.50 1.81 0.00	31.55 1.62 0.00	31.21 1.49 0.00	31.24 1.54 0.00	36.31 1.83 0.00	46.23 2.24 0.00	57.69 3.21 -0.08	58.25 2.98 -0.11	55.09 2.77 0.00	54.05 2.75 -0.28	50.09 2.65 -0.04	46.95 2.57 -0.01	45.68 2.63 0.00	44.94 2.58 0.00	45.93 2.64 0.00	51.93 2.85 0.00	62.60 3.54 0.00	72.13 4.40 0.00	70.62 4.23 -0.30	53.97 2.91 0.00	45.63 2.30 0.00	39.74 2.25 0.00	36.48 1.87 0.00
WHITEHAL_115KV_TB1 80871	34.56 1.89 0.00	32.41 1.72 0.00	31.61 1.68 0.00	31.33 1.60 0.00	31.30 1.60 0.00	36.34 1.86 0.00	46.36 2.38 0.00	57.61 3.26 0.06	58.06 2.98 0.08	55.14 2.82 0.00	53.40 2.60 0.22	49.48 2.09 0.00	46.24 1.86 0.00	44.78 1.72 0.00	44.09 1.74 0.00	45.14 1.86 0.00	51.94 2.45 -0.40	67.61 3.31 -5.24	71.59 3.86 0.00	69.49 3.63 0.23	53.66 2.60 0.00	45.46 2.12 0.00	39.29 1.80 0.00	36.27 1.66 0.00
WHITEPLN_13_KV_LOAD 356215	35.05 2.38 0.00	32.84 2.15 0.00	31.85 1.92 0.00	31.54 1.81 0.00	31.60 1.90 0.00	36.72 2.24 0.00	46.76 2.77 0.00	58.35 3.86 -0.08	58.87 3.59 -0.12	55.71 3.40 0.00	54.68 3.37 -0.30	50.62 3.18 -0.05	47.49 3.11 -0.01	46.12 3.06 0.00	45.41 3.05 0.00	46.36 3.07 0.00	52.57 3.49 0.00	63.37 4.31 0.00	73.01 5.28 0.00	71.43 5.02 -0.32	54.58 3.52 0.00	46.15 2.82 0.00	40.15 2.66 0.00	36.93 2.32 0.00
WM_FLOYD_69_KV_BK2 356380	34.66 1.99 0.00	32.23 1.53 0.00	31.25 1.32 0.00	30.91 1.19 0.00	31.00 1.31 0.00	36.17 1.69 0.00	44.29 1.01 0.71	56.08 1.74 0.06	55.68 1.49 0.97	52.19 1.31 1.43	52.98 1.68 -0.28	47.64 1.47 1.22	45.88 1.60 0.09	44.94 1.89 0.01	44.34 1.99 0.00	45.36 2.08 0.00	51.18 2.11 0.01	62.00 2.95 0.00	71.72 4.00 0.00	69.97 3.57 -0.32	52.88 1.84 0.01	44.80 1.47 0.01	39.70 2.21 0.00	36.55 1.94 0.00
WOODARD___115KV_TB2 355635	32.35 -0.52 -0.20	30.41 -0.49 -0.21	29.67 -0.42 -0.15	29.44 -0.42 -0.14	29.38 -0.45 -0.13	34.21 -0.48 -0.21	43.55 -0.57 -0.13	54.15 -0.60 -0.34	55.15 -0.61 -0.59	52.57 -0.52 -0.78	51.32 -0.51 -0.82	47.46 -0.47 -0.54	44.32 -0.44 -0.39	42.89 -0.43 -0.26	42.15 -0.47 -0.26	42.92 -0.52 -0.16	48.52 -0.69 0.00	58.17 -0.89 -0.35	67.27 -0.81 -0.37	65.66 -0.79 -0.03	50.58 -0.51 -0.06	43.00 -0.39 -0.06	37.10 -0.41 -0.03	34.30 -0.45 -0.13
WOODMERE_69_KV_BK1 55827	35.08 2.42 0.00	32.69 2.00 0.00	31.70 1.77 0.00	31.36 1.63 0.00	31.42 1.72 0.00	36.62 2.14 0.00	45.89 1.98 0.08	57.51 3.05 -0.06	57.98 2.81 0.00	54.78 2.62 0.15	54.31 3.01 -0.29	50.09 2.80 0.10	47.16 2.80 0.01	46.06 3.01 0.01	45.36 3.01 0.00	46.31 3.03 0.00	52.37 3.29 0.01	63.36 4.31 0.00	73.21 5.49 0.00	71.43 5.02 -0.32	54.11 3.06 0.01	45.71 2.38 0.01	40.18 2.70 0.00	36.90 2.28 0.00
YORK___WARBASSE 23770	35.39 2.71 -0.01	33.13 2.42 -0.01	32.15 2.21 -0.01	31.78 2.05 -0.01	31.81 2.11 -0.01	37.01 2.52 -0.01	46.80 2.82 0.00	58.19 3.70 -0.08	58.54 3.25 -0.12	55.35 3.03 0.00	54.43 3.11 -0.30	50.39 2.89 -0.11	47.36 2.97 -0.01	46.13 3.06 -0.01	45.37 3.01 -0.01	46.36 3.07 -0.01	52.53 3.44 -0.01	63.37 4.31 -0.01	72.95 5.22 -0.01	71.31 4.89 -0.33	54.43 3.37 -0.01	46.24 2.90 0.00	40.49 3.00 -0.01	37.25 2.63 -0.01