

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/06/2026

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	40.26	37.09	34.27	32.90	33.63	38.76	50.06	55.06	54.29	55.24	56.38	58.05	60.93	59.88	59.02	61.37	59.18	61.35	62.18	67.85	71.89	58.56	52.07	42.60
24138	2.98	2.72	2.66	2.61	2.58	2.97	4.22	4.78	5.03	5.43	5.54	5.80	6.28	5.85	6.19	4.78	4.58	4.89	5.49	6.72	6.00	4.24	3.63	2.79
	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	-1.84	-0.35	-11.93	-11.75	-10.80	-5.82	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	40.23	37.06	34.27	32.90	33.60	38.72	49.97	55.01	54.20	55.19	56.33	57.99	60.82	59.78	58.91	61.28	59.10	61.26	62.08	67.73	71.83	58.51	52.02	42.56
24260	2.95	2.68	2.66	2.61	2.55	2.93	4.13	4.73	4.93	5.38	5.49	5.75	6.17	5.74	6.09	4.69	4.50	4.80	5.39	6.60	5.93	4.18	3.58	2.75
	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	-1.84	-0.35	-11.93	-11.75	-10.80	-5.82	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	40.23	37.06	34.27	32.90	33.60	38.72	49.97	55.01	54.20	55.19	56.33	57.99	60.82	59.78	58.91	61.28	59.10	61.26	62.08	67.73	71.83	58.51	52.02	42.56
24261	2.95	2.68	2.66	2.61	2.55	2.93	4.13	4.73	4.93	5.38	5.49	5.75	6.17	5.74	6.09	4.69	4.50	4.80	5.39	6.60	5.93	4.18	3.58	2.75
	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	-1.84	-0.35	-11.93	-11.75	-10.80	-5.82	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	39.74	36.71	33.76	32.33	33.07	38.22	49.05	53.70	52.72	53.30	54.56	56.47	59.67	60.11	56.66	61.37	59.10	60.92	60.90	65.10	69.39	57.47	51.44	42.32
24011	2.46	2.34	2.15	2.03	2.02	2.43	3.21	3.42	3.45	3.49	3.71	3.92	4.21	3.97	3.78	3.13	2.87	3.01	3.26	3.97	3.49	3.15	3.00	2.51
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.30	-0.82	-3.94	-0.41	-13.58	-13.38	-12.24	-6.78	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	39.89	36.85	33.89	32.45	33.16	38.40	49.28	53.91	52.97	53.55	54.82	56.72	59.82	60.29	56.87	61.55	59.23	61.10	61.15	65.34	69.65	57.75	51.68	42.44
23798	2.61	2.48	2.28	2.15	2.11	2.61	3.44	3.62	3.70	3.74	3.97	4.18	4.37	4.18	3.99	3.30	3.00	3.20	3.46	4.21	3.75	3.42	3.25	2.63
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.30	-0.80	-3.92	-0.41	-13.59	-13.38	-12.24	-6.82	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	39.74	36.71	33.76	32.33	33.07	38.22	49.05	53.70	52.72	53.30	54.56	56.47	59.67	60.11	56.66	61.37	59.10	60.92	60.90	65.10	69.39	57.47	51.44	42.32
24028	2.46	2.34	2.15	2.03	2.02	2.43	3.21	3.42	3.45	3.49	3.71	3.92	4.21	3.97	3.78	3.13	2.87	3.01	3.26	3.97	3.49	3.15	3.00	2.51
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.30	-0.82	-3.94	-0.41	-13.58	-13.38	-12.24	-6.78	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	39.26	36.33	33.61	32.21	32.95	38.04	48.32	53.10	51.88	52.45	53.60	55.58	58.61	59.50	56.13	60.76	58.76	60.64	60.80	64.92	68.73	56.82	51.10	41.88
23527	1.97	1.96	1.99	1.91	1.89	2.26	2.47	2.81	2.61	2.64	2.74	2.98	3.00	3.08	3.25	2.77	2.78	2.97	3.26	3.79	2.83	2.50	2.66	2.07
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.35	-0.96	-4.23	-0.40	-13.33	-13.13	-12.01	-6.68	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	38.10	35.20	32.47	31.08	31.83	36.68	46.94	51.34	50.30	50.86	51.88	52.64	53.68	50.53	54.23	59.33	57.26	59.10	58.81	62.72	66.82	54.98	49.26	40.53
24190	0.82	0.83	0.85	0.79	0.78	0.89	1.10	1.06	1.03	1.05	1.07	1.25	1.37	1.36	1.36	1.21	1.16	1.23	1.32	1.59	0.92	0.65	0.82	0.72
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.86	2.33	3.03	-0.39	-13.46	-13.26	-12.20	-6.62	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	36.50	33.76	31.17	29.93	30.68	35.39	45.38	49.93	48.99	48.41	50.56	51.88	53.74	51.99	51.85	44.35	42.63	45.53	50.56	60.03	65.30	54.32	48.34	39.65
355683	-0.78	-0.62	-0.44	-0.36	-0.37	-0.39	-0.46	-0.35	-0.25	-0.15	-0.25	-0.37	-0.60	-0.21	-0.63	-0.31	-0.21	-0.14	-0.31	-1.10	-0.59	0.00	-0.10	-0.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	1.25	0.03	0.00	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	38.85	35.85	33.07	31.66	32.39	37.32	47.72	52.19	51.14	51.66	52.75	53.74	55.25	52.88	54.97	59.83	57.74	59.63	59.49	63.70	68.14	56.11	50.23	41.28
323833	1.57	1.48	1.45	1.36	1.33	1.54	1.88	1.91	1.87	1.84	1.93	2.09	2.24	2.19	2.10	1.83	1.76	1.87	2.04	2.57	2.24	1.79	1.79	1.47
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.60	1.63	1.51	-0.39	-13.33	-13.13	-12.09	-6.58	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	38.81	35.85	33.04	31.66	32.36	37.32	47.72	52.19	51.14	51.66	52.70	53.74	55.25	52.88	54.97	59.83	57.74	59.63	59.49	63.70	68.07	56.06	50.23	41.24
323834	1.53	1.48	1.42	1.36	1.30	1.54	1.88	1.91	1.87	1.84	1.88	2.09	2.24	2.19	2.10	1.83	1.76	1.87	2.04	2.57	2.17	1.74	1.79	1.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.60	1.63	1.51	-0.39	-13.33	-13.13	-12.09	-6.59	0.00	0.00	0.00	0.00	0.00
ALBANY___1	38.10	35.20	32.47	31.08	31.83	36.68	46.94	51.34	50.30	50.86	51.88	52.64	53.68	50.53	54.23	59.33	57.26	59.10	58.81	62.72	66.82	54.98	49.26	40.53
23571	0.82	0.83	0.85	0.79	0.78	0.89	1.10	1.06	1.03	1.05	1.07	1.25	1.37	1.36	1.36	1.21	1.16	1.23	1.32	1.59	0.92	0.65	0.82	0.72
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.86	2.33	3.03	-0.39	-13.46	-13.26	-12.20	-6.62	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	38.10 0.82 0.00	35.20 0.83 0.00	32.47 0.85 0.00	31.08 0.79 0.00	31.83 0.78 0.00	36.68 0.89 0.00	46.94 1.10 0.00	51.34 1.06 0.00	50.30 1.03 0.00	50.86 1.05 0.00	51.88 1.07 0.03	52.64 1.25 0.86	53.68 1.37 2.33	50.53 1.36 3.03	54.23 1.36 -0.39	59.33 1.21 -13.46	57.26 1.16 -13.26	59.10 1.23 -12.20	58.81 1.32 -6.62	62.72 1.59 0.00	66.82 0.92 0.00	54.98 0.65 0.00	49.26 0.82 0.00	40.53 0.72 0.00
ALBANY___3 23573	38.10 0.82 0.00	35.20 0.83 0.00	32.47 0.85 0.00	31.08 0.79 0.00	31.83 0.78 0.00	36.68 0.89 0.00	46.94 1.10 0.00	51.34 1.06 0.00	50.30 1.03 0.00	50.86 1.05 0.00	51.88 1.07 0.03	52.64 1.25 0.86	53.68 1.37 2.33	50.53 1.36 3.03	54.23 1.36 -0.39	59.33 1.21 -13.46	57.26 1.16 -13.26	59.10 1.23 -12.20	58.81 1.32 -6.62	62.72 1.59 0.00	66.82 0.92 0.00	54.98 0.65 0.00	49.26 0.82 0.00	40.53 0.72 0.00
ALBANY___4 23574	38.10 0.82 0.00	35.20 0.83 0.00	32.47 0.85 0.00	31.08 0.79 0.00	31.83 0.78 0.00	36.68 0.89 0.00	46.94 1.10 0.00	51.34 1.06 0.00	50.30 1.03 0.00	50.86 1.05 0.00	51.88 1.07 0.03	52.64 1.25 0.86	53.68 1.37 2.33	50.53 1.36 3.03	54.23 1.36 -0.39	59.33 1.21 -13.46	57.26 1.16 -13.26	59.10 1.23 -12.20	58.81 1.32 -6.62	62.72 1.59 0.00	66.82 0.92 0.00	54.98 0.65 0.00	49.26 0.82 0.00	40.53 0.72 0.00
ALBANY___LFGE 323615	38.44 1.16 0.00	35.51 1.13 0.00	32.72 1.11 0.00	31.36 1.06 0.00	32.08 1.02 0.00	37.00 1.22 0.00	47.31 1.47 0.00	51.84 1.56 0.00	51.34 2.07 0.00	51.95 2.14 0.00	53.15 2.29 -0.02	55.22 2.46 -0.51	58.61 2.57 -1.40	59.95 2.56 -5.20	54.87 1.99 -0.40	59.95 1.74 -13.55	57.83 1.63 -13.35	59.60 1.64 -12.29	59.35 1.78 -6.70	63.21 2.08 0.00	67.35 1.45 0.00	55.52 1.19 0.00	49.75 1.31 0.00	40.84 1.03 0.00
ALCOA_PA_115KV_PL-6C 55860	36.57 -0.71 0.00	33.86 -0.51 0.00	31.23 -0.38 0.00	29.96 -0.33 0.00	30.74 -0.31 0.00	35.46 -0.32 0.00	45.52 -0.32 0.00	50.18 -0.10 0.00	49.62 0.00 -0.35	65.00 0.10 -15.09	51.24 0.05 -0.35	52.14 -0.10 0.00	58.18 -0.16 -3.70	52.04 -0.16 0.00	52.16 -0.31 0.00	44.40 -0.27 0.00	42.72 -0.13 0.00	45.67 0.00 0.00	50.71 -0.15 0.00	60.52 -0.61 0.00	65.70 -0.20 0.00	54.49 0.16 0.00	48.44 0.00 0.00	39.73 -0.08 0.00
ALCOA_RYNLDS___DRP 24188	36.57 -0.71 0.00	33.86 -0.52 0.00	31.20 -0.41 0.00	29.96 -0.33 0.00	30.74 -0.31 0.00	35.46 -0.32 0.00	45.52 -0.32 0.00	50.18 -0.10 0.00	49.62 0.00 -0.35	65.00 0.10 -15.09	51.24 0.05 -0.35	52.14 -0.10 0.00	58.18 -0.16 -3.70	52.14 -0.05 0.00	52.16 -0.31 0.00	44.39 -0.27 0.00	42.72 -0.13 0.00	45.71 0.05 0.00	50.71 -0.15 0.00	60.52 -0.61 0.00	65.77 -0.13 0.00	54.49 0.16 0.00	48.49 0.05 0.00	39.73 -0.08 0.00
ALCOA___DSASP 323711	36.57 -0.71 0.00	33.86 -0.52 0.00	31.20 -0.41 0.00	29.96 -0.33 0.00	30.74 -0.31 0.00	35.46 -0.32 0.00	45.52 -0.32 0.00	50.18 -0.10 0.00	49.62 0.00 -0.35	65.00 0.10 -15.09	51.24 0.05 -0.35	52.14 -0.10 0.00	58.18 -0.16 -3.70	52.14 -0.05 0.00	52.16 -0.31 0.00	44.39 -0.27 0.00	42.72 -0.13 0.00	45.71 0.05 0.00	50.71 -0.15 0.00	60.52 -0.61 0.00	65.77 -0.13 0.00	54.49 0.16 0.00	48.49 0.05 0.00	39.73 -0.08 0.00
ALLEGHENY___COGEN 23514	37.91 0.63 0.00	34.51 0.14 0.00	31.84 0.22 0.00	30.42 0.12 0.00	31.24 0.19 0.00	35.82 0.04 0.00	46.12 0.28 0.00	50.74 0.45 0.00	49.00 -0.25 0.02	48.93 -1.05 -0.17	49.30 -1.52 0.02	50.24 -1.99 0.02	52.25 -2.40 -0.01	49.69 -2.50 0.01	50.20 -2.25 0.03	43.14 -2.05 -0.53	41.65 -1.72 -0.52	44.42 -1.33 -0.08	50.44 -0.82 -0.39	61.73 0.61 0.01	66.95 1.05 0.00	54.65 0.33 0.00	48.19 -0.24 0.01	39.73 -0.08 0.00
ALTAMONT_115KV_TB 2 55880	38.40 1.12 0.00	35.44 1.07 0.00	32.69 1.07 0.00	31.33 1.03 0.00	32.05 0.99 0.00	36.97 1.18 0.00	47.35 1.51 0.00	51.84 1.56 0.00	50.85 1.58 0.00	51.40 1.59 0.00	52.45 1.63 0.01	53.63 1.78 0.39	55.50 1.91 1.06	53.80 1.83 0.23	54.71 1.84 -0.39	59.52 1.61 -13.25	57.45 1.54 -13.06	59.30 1.69 -11.95	59.31 1.83 -6.61	63.33 2.20 0.00	67.61 1.71 0.00	55.68 1.36 0.00	49.79 1.36 0.00	40.88 1.07 0.00
ALTONA_WT_PWR 323606	36.39 -0.90 0.00	33.76 -0.62 0.00	31.20 -0.41 0.00	29.99 -0.30 0.00	30.80 -0.25 0.00	35.57 -0.21 0.00	45.70 -0.14 0.00	50.33 0.05 0.00	49.35 0.10 0.01	49.27 0.10 0.64	50.83 0.00 0.01	52.14 -0.10 0.00	54.38 -0.11 0.16	52.09 -0.10 0.00	52.27 -0.21 0.00	44.57 -0.09 0.00	42.89 0.04 0.00	45.80 0.14 0.00	50.92 0.05 0.00	60.83 -0.30 0.00	66.03 0.13 0.00	54.60 0.27 0.00	48.53 0.10 0.00	39.77 -0.04 0.00
AMERICAN_REF_FUEL 24010	34.93 -2.35 0.00	31.52 -2.85 0.00	29.21 -2.40 0.00	27.96 -2.33 0.00	28.63 -2.42 0.00	32.53 -3.26 0.00	41.53 -4.31 0.00	45.56 -4.73 0.00	44.18 -5.07 0.01	44.31 -5.68 -0.18	45.18 -5.65 0.01	46.38 -5.85 0.02	48.33 -6.34 -0.03	45.80 -6.47 -0.08	46.28 -6.19 0.00	39.78 -5.50 -0.62	38.10 -5.36 -0.61	40.10 -5.62 -0.06	45.06 -6.21 -0.40	54.89 -6.24 0.01	59.90 -6.00 0.00	49.00 -5.32 0.00	43.49 -4.94 0.01	36.19 -3.62 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	36.53 -0.75 0.00	33.03 -1.34 0.00	30.57 -1.04 0.00	29.23 -1.06 0.00	29.90 -1.15 0.00	34.03 -1.75 0.00	43.69 -2.15 0.00	47.67 -2.62 0.00	46.54 -2.71 0.01	46.99 -2.99 -0.17	47.93 -2.90 0.01	49.14 -3.08 0.02	51.11 -3.55 -0.02	48.93 -3.34 -0.07	49.21 -3.25 0.01	42.59 -2.68 -0.61	40.70 -2.74 -0.60	43.02 -2.69 -0.05	47.75 -3.51 -0.39	57.94 -3.18 0.01	63.39 -2.50 0.00	51.28 -3.04 0.00	45.42 -3.00 0.01	37.70 -2.11 0.00
ARTHUR KILL_GT_1 23520	40.46 3.17 -0.01	37.31 2.92 -0.01	34.56 2.94 -0.01	33.18 2.88 -0.01	33.92 2.86 -0.01	38.91 3.11 -0.01	50.20 4.35 -0.01	55.21 4.93 0.00	54.29 5.03 0.00	55.24 5.43 0.00	56.38 5.54 0.00	58.05 5.80 0.00	60.77 6.12 0.00	59.67 5.64 -1.84	58.81 5.98 -0.35	61.23 4.64 -11.93	59.14 4.54 -11.75	61.35 4.89 -10.80	62.24 5.54 -5.83	67.98 6.85 -0.01	72.03 6.13 -0.01	58.73 4.40 -0.01	52.27 3.83 -0.01	42.76 2.95 -0.01
ARTHUR_KILL_2 23512	40.35 3.06 -0.01	37.20 2.82 -0.01	34.47 2.85 -0.01	33.09 2.79 -0.01	33.82 2.76 -0.01	38.83 3.04 -0.01	49.98 4.13 -0.01	55.11 4.83 0.00	54.15 4.88 0.00	55.14 5.33 0.00	56.33 5.49 0.00	57.89 5.64 0.00	60.55 5.90 0.00	59.56 5.53 -1.84	58.64 5.82 -0.34	61.19 4.60 -11.93	59.05 4.46 -11.75	61.21 4.75 -10.80	62.11 5.39 -5.85	67.61 6.48 -0.01	71.77 5.86 -0.01	58.62 4.29 -0.01	52.12 3.68 -0.01	42.53 2.71 -0.01
ARTHUR_KILL_3 23513	39.89 2.61 0.00	36.75 2.37 0.00	33.98 2.37 0.00	32.63 2.33 0.00	33.35 2.30 0.00	38.43 2.65 0.00	49.51 3.67 0.00	54.56 4.27 0.00	53.75 4.48 0.00	54.70 4.88 0.00	55.88 5.03 0.00	57.47 5.22 0.00	60.22 5.58 0.00	59.30 5.27 -1.84	58.33 5.51 -0.34	60.92 4.33 -11.93	58.75 4.16 -11.75	60.89 4.43 -10.80	61.64 4.93 -5.85	67.06 5.93 0.00	71.17 5.27 0.00	58.02 3.70 0.00	51.63 3.20 0.00	42.12 2.31 0.00

ARTHUR_KILL_COGEN 323718	40.46 3.17 -0.01	37.30 2.92 -0.01	34.56 2.94 -0.01	33.18 2.88 -0.01	33.92 2.85 -0.01	38.94 3.15 -0.01	50.11 4.26 -0.01	55.21 4.93 0.00	54.30 5.03 0.00	55.24 5.43 0.00	56.43 5.59 0.00	58.05 5.80 0.00	60.66 6.01 0.00	59.67 5.64 -1.84	58.75 5.93 -0.34	61.28 4.69 -11.93	59.18 4.59 -11.75	61.35 4.89 -10.80	62.26 5.55 -5.85	67.80 6.66 -0.01	72.03 6.13 -0.01	58.79 4.46 -0.01	52.27 3.83 -0.01	42.64 2.83 -0.01
ASHOKAN____ 23654	39.97 2.69 0.00	36.78 2.41 0.00	34.01 2.40 0.00	32.54 2.24 0.00	33.29 2.24 0.00	38.29 2.50 0.00	48.96 3.12 0.00	53.65 3.37 0.00	52.52 3.25 0.00	53.00 3.19 0.00	54.03 3.20 0.02	55.88 4.08 0.44	57.86 4.42 1.21	55.62 4.07 0.65	56.00 3.15 -0.37	58.47 0.98 -12.83	56.51 1.03 -12.64	58.49 1.19 -11.64	58.57 1.37 -6.34	65.05 3.92 0.00	69.98 4.09 0.00	57.36 3.04 0.00	51.25 2.81 0.00	42.12 2.31 0.00
ASTORIA_EAST_ENERGY_CC1 323581	39.70 2.42 0.01	36.68 2.30 0.00	34.11 2.50 0.00	32.72 2.42 0.00	33.41 2.36 0.00	38.14 2.36 0.01	49.23 3.39 0.01	54.35 4.07 0.01	53.70 4.44 0.01	54.69 4.88 0.01	55.82 4.99 0.01	57.36 5.12 0.01	60.10 5.46 0.01	59.14 5.12 -1.83	58.22 5.41 -0.33	60.78 4.20 -11.92	58.66 4.07 -11.74	60.75 4.29 -10.79	61.48 4.78 -5.84	66.87 5.74 0.01	70.96 5.07 0.01	57.74 3.42 0.01	51.34 2.91 0.01	41.79 1.99 0.01
ASTORIA_EAST_ENERGY_CC2 323582	39.70 2.42 0.01	36.68 2.30 0.00	34.11 2.50 0.00	32.72 2.42 0.00	33.41 2.36 0.00	38.14 2.36 0.01	49.23 3.39 0.01	54.35 4.07 0.01	53.70 4.44 0.01	54.69 4.88 0.01	55.82 4.99 0.01	57.41 5.17 0.01	60.10 5.46 0.01	59.14 5.12 -1.83	58.22 5.41 -0.33	60.78 4.20 -11.92	58.66 4.07 -11.74	60.75 4.29 -10.79	61.48 4.78 -5.84	66.87 5.74 0.01	70.96 5.07 0.01	57.74 3.42 0.01	51.34 2.91 0.01	41.79 1.99 0.01
ASTORIA_GT2_1 24094	39.70 2.42 0.01	36.71 2.34 0.00	34.11 2.50 0.00	32.72 2.42 0.00	33.41 2.36 0.00	38.15 2.36 0.00	49.33 3.48 0.00	54.41 4.12 0.00	53.70 4.43 0.00	54.69 4.88 0.00	55.82 4.98 0.00	57.42 5.17 0.00	60.22 5.57 0.00	59.15 5.12 -1.84	58.28 5.46 -0.35	60.79 4.20 -11.93	58.62 4.03 -11.75	60.76 4.29 -10.80	61.52 4.83 -5.82	67.06 5.93 0.00	71.04 5.14 0.00	57.80 3.48 0.00	51.34 2.91 0.00	41.92 2.11 0.00
ASTORIA_GT2_2 24095	39.70 2.42 0.01	36.71 2.34 0.00	34.11 2.50 0.00	32.72 2.42 0.00	33.41 2.36 0.00	38.15 2.36 0.00	49.33 3.48 0.00	54.41 4.12 0.00	53.70 4.43 0.00	54.69 4.88 0.00	55.82 4.98 0.00	57.42 5.17 0.00	60.22 5.57 0.00	59.15 5.12 -1.84	58.28 5.46 -0.35	60.79 4.20 -11.93	58.62 4.03 -11.75	60.76 4.29 -10.80	61.52 4.83 -5.82	67.06 5.93 0.00	71.04 5.14 0.00	57.80 3.48 0.00	51.34 2.91 0.00	41.92 2.11 0.00
ASTORIA_GT2_3 24096	39.70 2.42 0.01	36.71 2.34 0.00	34.11 2.50 0.00	32.72 2.42 0.00	33.41 2.36 0.00	38.15 2.36 0.00	49.33 3.48 0.00	54.41 4.12 0.00	53.70 4.43 0.00	54.69 4.88 0.00	55.82 4.98 0.00	57.42 5.17 0.00	60.22 5.57 0.00	59.15 5.12 -1.84	58.28 5.46 -0.35	60.79 4.20 -11.93	58.62 4.03 -11.75	60.76 4.29 -10.80	61.52 4.83 -5.82	67.06 5.93 0.00	71.04 5.14 0.00	57.80 3.48 0.00	51.34 2.91 0.00	41.92 2.11 0.00
ASTORIA_GT2_4 24097	39.70 2.42 0.01	36.71 2.34 0.00	34.11 2.50 0.00	32.72 2.42 0.00	33.41 2.36 0.00	38.15 2.36 0.00	49.33 3.48 0.00	54.41 4.12 0.00	53.70 4.43 0.00	54.69 4.88 0.00	55.82 4.98 0.00	57.42 5.17 0.00	60.22 5.57 0.00	59.15 5.12 -1.84	58.28 5.46 -0.35	60.79 4.20 -11.93	58.62 4.03 -11.75	60.76 4.29 -10.80	61.52 4.83 -5.82	67.06 5.93 0.00	71.04 5.14 0.00	57.80 3.48 0.00	51.34 2.91 0.00	41.92 2.11 0.00
ASTORIA_GT3_1 24098	39.70 2.42 0.01	36.71 2.34 0.00	34.11 2.50 0.00	32.72 2.42 0.00	33.41 2.36 0.00	38.15 2.36 0.00	49.33 3.48 0.00	54.41 4.12 0.00	53.70 4.43 0.00	54.69 4.88 0.00	55.82 4.98 0.00	57.42 5.17 0.00	60.22 5.57 0.00	59.15 5.12 -1.84	58.28 5.46 -0.35	60.79 4.20 -11.93	58.62 4.03 -11.75	60.76 4.29 -10.80	61.52 4.83 -5.82	67.06 5.93 0.00	71.04 5.14 0.00	57.80 3.48 0.00	51.34 2.91 0.00	41.92 2.11 0.00
ASTORIA_GT3_2 24099	39.70 2.42 0.01	36.71 2.34 0.00	34.11 2.50 0.00	32.72 2.42 0.00	33.41 2.36 0.00	38.15 2.36 0.00	49.33 3.48 0.00	54.41 4.12 0.00	53.70 4.43 0.00	54.69 4.88 0.00	55.82 4.98 0.00	57.42 5.17 0.00	60.22 5.57 0.00	59.15 5.12 -1.84	58.28 5.46 -0.35	60.79 4.20 -11.93	58.62 4.03 -11.75	60.76 4.29 -10.80	61.52 4.83 -5.82	67.06 5.93 0.00	71.04 5.14 0.00	57.80 3.48 0.00	51.34 2.91 0.00	41.92 2.11 0.00
ASTORIA_GT3_3 24100	39.70 2.42 0.01	36.71 2.34 0.00	34.11 2.50 0.00	32.72 2.42 0.00	33.41 2.36 0.00	38.15 2.36 0.00	49.33 3.48 0.00	54.41 4.12 0.00	53.70 4.43 0.00	54.69 4.88 0.00	55.82 4.98 0.00	57.42 5.17 0.00	60.22 5.57 0.00	59.15 5.12 -1.84	58.28 5.46 -0.35	60.79 4.20 -11.93	58.62 4.03 -11.75	60.76 4.29 -10.80	61.52 4.83 -5.82	67.06 5.93 0.00	71.04 5.14 0.00	57.80 3.48 0.00	51.34 2.91 0.00	41.92 2.11 0.00
ASTORIA_GT3_4 24101	39.70 2.42 0.01	36.71 2.34 0.00	34.11 2.50 0.00	32.72 2.42 0.00	33.41 2.36 0.00	38.15 2.36 0.00	49.33 3.48 0.00	54.41 4.12 0.00	53.70 4.43 0.00	54.69 4.88 0.00	55.82 4.98 0.00	57.42 5.17 0.00	60.22 5.57 0.00	59.15 5.12 -1.84	58.28 5.46 -0.35	60.79 4.20 -11.93	58.62 4.03 -11.75	60.76 4.29 -10.80	61.52 4.83 -5.82	67.06 5.93 0.00	71.04 5.14 0.00	57.80 3.48 0.00	51.34 2.91 0.00	41.92 2.11 0.00
ASTORIA_GT4_1 24102	39.70 2.42 0.01	36.71 2.34 0.00	34.11 2.50 0.00	32.72 2.42 0.00	33.41 2.36 0.00	38.15 2.36 0.00	49.33 3.48 0.00	54.41 4.12 0.00	53.70 4.43 0.00	54.69 4.88 0.00	55.82 4.98 0.00	57.42 5.17 0.00	60.22 5.57 0.00	59.15 5.12 -1.84	58.28 5.46 -0.35	60.79 4.20 -11.93	58.62 4.03 -11.75	60.76 4.29 -10.80	61.52 4.83 -5.82	67.06 5.93 0.00	71.04 5.14 0.00	57.80 3.48 0.00	51.34 2.91 0.00	41.92 2.11 0.00
ASTORIA_GT4_2 24103	39.70 2.42 0.01	36.71 2.34 0.00	34.11 2.50 0.00	32.72 2.42 0.00	33.41 2.36 0.00	38.15 2.36 0.00	49.33 3.48 0.00	54.41 4.12 0.00	53.70 4.43 0.00	54.69 4.88 0.00	55.82 4.98 0.00	57.42 5.17 0.00	60.22 5.57 0.00	59.15 5.12 -1.84	58.28 5.46 -0.35	60.79 4.20 -11.93	58.62 4.03 -11.75	60.76 4.29 -10.80	61.52 4.83 -5.82	67.06 5.93 0.00	71.04 5.14 0.00	57.80 3.48 0.00	51.34 2.91 0.00	41.92 2.11 0.00
ASTORIA_GT4_3 24104	39.70 2.42 0.01	36.71 2.34 0.00	34.11 2.50 0.00	32.72 2.42 0.00	33.41 2.36 0.00	38.15 2.36 0.00	49.33 3.48 0.00	54.41 4.12 0.00	53.70 4.43 0.00	54.69 4.88 0.00	55.82 4.98 0.00	57.42 5.17 0.00	60.22 5.57 0.00	59.15 5.12 -1.84	58.28 5.46 -0.35	60.79 4.20 -11.93	58.62 4.03 -11.75	60.76 4.29 -10.80	61.52 4.83 -5.82	67.06 5.93 0.00	71.04 5.14 0.00	57.80 3.48 0.00	51.34 2.91 0.00	41.92 2.11 0.00

ASTORIA_GT4_4 24105	39.70 2.42 0.01	36.71 2.34 0.00	34.11 2.50 0.00	32.72 2.42 0.00	33.41 2.36 0.00	38.15 2.36 0.00	49.33 3.48 0.00	54.41 4.12 0.00	53.70 4.43 0.00	54.69 4.88 0.00	55.82 4.98 0.00	57.42 5.17 0.00	60.22 5.57 0.00	59.15 5.12 -1.84	58.28 5.46 -0.35	60.79 4.20 -11.93	58.62 4.03 -11.75	60.76 4.29 -10.80	61.52 4.83 -5.82	67.06 5.93 0.00	71.04 5.14 0.00	57.80 3.48 0.00	51.34 2.91 0.00	41.92 2.11 0.00
ASTORIA_GT_1 23523	39.77 2.50 0.01	36.75 2.37 0.00	34.17 2.56 0.00	32.78 2.48 0.00	33.44 2.39 0.00	38.22 2.43 0.00	49.42 3.58 0.00	54.51 4.22 0.00	53.80 4.53 0.00	54.79 4.98 0.00	55.93 5.08 0.00	57.52 5.28 0.00	60.33 5.68 0.00	59.25 5.22 -1.84	58.39 5.56 -0.35	60.88 4.29 -11.93	58.71 4.11 -11.75	60.85 4.38 -10.80	61.62 4.93 -5.82	67.18 6.05 0.00	71.17 5.27 0.00	57.86 3.53 0.00	51.44 3.00 0.00	42.00 2.19 0.00
ASTORIA_GT_10 24110	39.97 2.68 0.00	36.85 2.48 0.00	34.14 2.53 0.00	32.78 2.48 0.00	33.47 2.42 0.00	38.40 2.61 0.00	49.60 3.76 0.00	54.56 4.27 0.00	53.80 4.53 0.00	54.74 4.93 0.00	55.87 5.03 0.00	57.52 5.28 0.00	60.33 5.68 0.00	59.31 5.27 -1.84	58.39 5.56 -0.35	60.88 4.29 -11.93	58.71 4.11 -11.75	60.85 4.38 -10.80	61.62 4.93 -5.82	67.18 6.05 0.00	71.17 5.27 0.00	58.02 3.69 0.00	51.63 3.20 0.00	42.20 2.39 0.00
ASTORIA_GT_11 24225	39.97 2.68 0.00	36.85 2.48 0.00	34.14 2.53 0.00	32.78 2.48 0.00	33.47 2.42 0.00	38.40 2.61 0.00	49.60 3.76 0.00	54.56 4.27 0.00	53.80 4.53 0.00	54.74 4.93 0.00	55.87 5.03 0.00	57.52 5.28 0.00	60.33 5.68 0.00	59.31 5.27 -1.84	58.39 5.56 -0.35	60.88 4.29 -11.93	58.71 4.11 -11.75	60.85 4.38 -10.80	61.62 4.93 -5.82	67.18 6.05 0.00	71.17 5.27 0.00	58.02 3.69 0.00	51.63 3.20 0.00	42.20 2.39 0.00
ASTORIA_GT_12 24226	39.97 2.68 0.00	36.85 2.48 0.00	34.14 2.53 0.00	32.78 2.48 0.00	33.47 2.42 0.00	38.40 2.61 0.00	49.60 3.76 0.00	54.56 4.27 0.00	53.80 4.53 0.00	54.74 4.93 0.00	55.87 5.03 0.00	57.52 5.28 0.00	60.33 5.68 0.00	59.31 5.27 -1.84	58.39 5.56 -0.35	60.88 4.29 -11.93	58.71 4.11 -11.75	60.85 4.38 -10.80	61.62 4.93 -5.82	67.18 6.05 0.00	71.17 5.27 0.00	58.02 3.69 0.00	51.63 3.20 0.00	42.20 2.39 0.00
ASTORIA_GT_13 24227	39.97 2.68 0.00	36.85 2.48 0.00	34.14 2.53 0.00	32.78 2.48 0.00	33.47 2.42 0.00	38.40 2.61 0.00	49.60 3.76 0.00	54.56 4.27 0.00	53.80 4.53 0.00	54.74 4.93 0.00	55.87 5.03 0.00	57.52 5.28 0.00	60.33 5.68 0.00	59.31 5.27 -1.84	58.39 5.56 -0.35	60.88 4.29 -11.93	58.71 4.11 -11.75	60.85 4.38 -10.80	61.62 4.93 -5.82	67.18 6.05 0.00	71.17 5.27 0.00	58.02 3.69 0.00	51.63 3.20 0.00	42.20 2.39 0.00
ASTORIA_GT_5 24106	39.77 2.50 0.01	36.75 2.37 0.00	34.17 2.56 0.00	32.78 2.48 0.00	33.44 2.39 0.00	38.22 2.43 0.00	49.42 3.58 0.00	54.51 4.22 0.00	53.80 4.53 0.00	54.79 4.98 0.00	55.93 5.08 0.00	57.52 5.28 0.00	60.33 5.68 0.00	59.25 5.22 -1.84	58.39 5.56 -0.35	60.88 4.29 -11.93	58.71 4.11 -11.75	60.85 4.38 -10.80	61.62 4.93 -5.82	67.18 6.05 0.00	71.17 5.27 0.00	57.86 3.53 0.00	51.44 3.00 0.00	42.00 2.19 0.00
ASTORIA_GT_7 24107	39.77 2.50 0.01	36.75 2.37 0.00	34.17 2.56 0.00	32.78 2.48 0.00	33.44 2.39 0.00	38.22 2.43 0.00	49.42 3.58 0.00	54.51 4.22 0.00	53.80 4.53 0.00	54.79 4.98 0.00	55.93 5.08 0.00	57.52 5.28 0.00	60.33 5.68 0.00	59.25 5.22 -1.84	58.39 5.56 -0.35	60.88 4.29 -11.93	58.71 4.11 -11.75	60.85 4.38 -10.80	61.62 4.93 -5.82	67.18 6.05 0.00	71.17 5.27 0.00	57.86 3.53 0.00	51.44 3.00 0.00	42.00 2.19 0.00
ASTORIA_GT_8 24108	39.77 2.50 0.01	36.75 2.37 0.00	34.17 2.56 0.00	32.78 2.48 0.00	33.44 2.39 0.00	38.22 2.43 0.00	49.42 3.58 0.00	54.51 4.22 0.00	53.80 4.53 0.00	54.79 4.98 0.00	55.93 5.08 0.00	57.52 5.28 0.00	60.33 5.68 0.00	59.25 5.22 -1.84	58.39 5.56 -0.35	60.88 4.29 -11.93	58.71 4.11 -11.75	60.85 4.38 -10.80	61.62 4.93 -5.82	67.18 6.05 0.00	71.17 5.27 0.00	57.86 3.53 0.00	51.44 3.00 0.00	42.00 2.19 0.00
ASTORIA___2 24149	39.70 2.42 0.01	36.68 2.30 0.00	34.11 2.50 0.00	32.72 2.42 0.00	33.41 2.36 0.00	38.14 2.36 0.01	49.23 3.39 0.01	54.40 4.12 0.01	53.74 4.48 0.01	54.69 4.88 0.01	55.87 5.03 0.01	57.41 5.17 0.01	60.15 5.52 0.01	59.14 5.12 -1.83	58.22 5.41 -0.33	60.78 4.20 -11.92	58.66 4.07 -11.74	60.75 4.29 -10.79	61.54 4.83 -5.84	66.93 5.81 0.01	70.96 5.07 0.01	57.80 3.48 0.01	51.34 2.91 0.01	41.79 1.99 0.01
ASTORIA___3 23516	39.97 2.69 0.00	36.85 2.48 0.00	34.14 2.53 0.00	32.78 2.48 0.00	33.48 2.42 0.00	38.40 2.61 0.00	49.51 3.67 0.00	54.56 4.27 0.00	53.80 4.53 0.00	54.74 4.93 0.00	55.93 5.08 0.00	57.52 5.27 0.00	60.28 5.63 0.00	59.30 5.27 -1.84	58.38 5.56 -0.34	60.92 4.33 -11.93	58.75 4.16 -11.75	60.89 4.43 -10.80	61.64 4.93 -5.85	67.06 5.93 0.00	71.10 5.20 0.00	58.02 3.70 0.00	51.63 3.20 0.00	42.12 2.31 0.00
ASTORIA___4 23517	39.97 2.68 0.00	36.85 2.48 0.00	34.14 2.53 0.00	32.78 2.48 0.00	33.47 2.42 0.00	38.40 2.61 0.00	49.60 3.76 0.00	54.56 4.27 0.00	53.80 4.53 0.00	54.74 4.93 0.00	55.87 5.03 0.00	57.52 5.28 0.00	60.33 5.68 0.00	59.31 5.27 -1.84	58.39 5.56 -0.35	60.88 4.29 -11.93	58.71 4.11 -11.75	60.85 4.38 -10.80	61.62 4.93 -5.82	67.18 6.05 0.00	71.17 5.27 0.00	58.02 3.69 0.00	51.63 3.20 0.00	42.20 2.39 0.00
ASTORIA___5 23518	39.97 2.69 0.00	36.85 2.48 0.00	34.14 2.53 0.00	32.78 2.48 0.00	33.48 2.42 0.00	38.40 2.61 0.00	49.51 3.67 0.00	54.56 4.27 0.00	53.80 4.53 0.00	54.74 4.93 0.00	55.93 5.08 0.00	57.52 5.27 0.00	60.28 5.63 0.00	59.30 5.27 -1.84	58.38 5.56 -0.34	60.92 4.33 -11.93	58.75 4.16 -11.75	60.89 4.43 -10.80	61.64 4.93 -5.85	67.06 5.93 0.00	71.10 5.20 0.00	58.02 3.70 0.00	51.63 3.20 0.00	42.12 2.31 0.00
AST_ENERGY_2_CC3 323677	39.97 2.69 0.00	36.85 2.48 0.00	34.08 2.47 0.00	32.69 2.39 0.00	33.41 2.36 0.00	38.47 2.69 0.00	49.55 3.71 0.00	54.61 4.33 0.00	53.80 4.53 0.00	54.74 4.93 0.00	55.93 5.08 0.00	57.52 5.27 0.00	60.28 5.63 0.00	59.36 5.33 -1.84	58.38 5.56 -0.34	60.92 4.33 -11.93	58.80 4.20 -11.75	60.89 4.43 -10.80	61.64 4.93 -5.85	67.06 5.93 0.00	71.23 5.34 0.00	58.07 3.75 0.00	51.73 3.30 0.00	42.20 2.39 0.00
AST_ENERGY_2_CC4 323678	39.97 2.69 0.00	36.85 2.48 0.00	34.08 2.47 0.00	32.69 2.39 0.00	33.41 2.36 0.00	38.47 2.69 0.00	49.55 3.71 0.00	54.61 4.33 0.00	53.80 4.53 0.00	54.74 4.93 0.00	55.93 5.08 0.00	57.52 5.27 0.00	60.28 5.63 0.00	59.36 5.33 -1.84	58.38 5.56 -0.34	60.92 4.33 -11.93	58.80 4.20 -11.75	60.89 4.43 -10.80	61.64 4.93 -5.85	67.06 5.93 0.00	71.23 5.34 0.00	58.07 3.75 0.00	51.73 3.30 0.00	42.20 2.39 0.00

ATHENS_STG_1 23668	38.77 1.49 0.00	35.75 1.38 0.00	33.00 1.39 0.00	31.63 1.33 0.00	32.39 1.33 0.00	37.32 1.54 0.00	47.81 1.97 0.00	52.49 2.21 0.00	51.54 2.27 0.00	52.20 2.39 0.00	53.33 2.49 0.00	54.86 2.61 0.00	57.43 2.79 0.00	56.86 2.71 -1.95	55.93 3.10 -0.36	59.62 2.45 -12.50	57.52 2.36 -12.31	59.56 2.51 -11.39	59.74 2.74 -6.14	64.37 3.24 0.00	68.66 2.77 0.00	56.39 2.06 0.00	50.38 1.94 0.00	41.24 1.43 0.00
ATHENS_STG_2 23670	38.77 1.49 0.00	35.75 1.38 0.00	33.00 1.39 0.00	31.63 1.33 0.00	32.39 1.33 0.00	37.32 1.54 0.00	47.81 1.97 0.00	52.49 2.21 0.00	51.54 2.27 0.00	52.20 2.39 0.00	53.33 2.49 0.00	54.86 2.61 0.00	57.43 2.79 0.00	56.86 2.71 -1.95	55.93 3.10 -0.36	59.62 2.45 -12.50	57.52 2.36 -12.31	59.56 2.51 -11.39	59.74 2.74 -6.14	64.37 3.24 0.00	68.66 2.77 0.00	56.39 2.06 0.00	50.38 1.94 0.00	41.24 1.43 0.00
ATHENS_STG_3 23677	38.77 1.49 0.00	35.75 1.38 0.00	33.00 1.39 0.00	31.63 1.33 0.00	32.39 1.33 0.00	37.32 1.54 0.00	47.81 1.97 0.00	52.49 2.21 0.00	51.54 2.27 0.00	52.20 2.39 0.00	53.33 2.49 0.00	54.86 2.61 0.00	57.43 2.79 0.00	56.86 2.71 -1.95	55.93 3.10 -0.36	59.62 2.45 -12.50	57.52 2.36 -12.31	59.56 2.51 -11.39	59.74 2.74 -6.14	64.37 3.24 0.00	68.66 2.77 0.00	56.39 2.06 0.00	50.38 1.94 0.00	41.24 1.43 0.00
AUBURN___LFGE 323710	37.47 0.19 0.00	34.41 0.03 0.00	31.71 0.09 0.00	30.30 0.00 0.00	31.11 0.06 0.00	35.86 0.07 0.00	45.98 0.14 0.00	50.59 0.30 0.00	49.48 0.20 -0.01	50.22 0.10 -0.30	50.90 0.05 -0.01	52.25 0.00 0.00	54.62 -0.11 -0.08	52.27 -0.21 -0.28	52.53 0.00 -0.05	45.50 -0.18 -1.01	43.72 -0.13 -1.00	47.48 -0.14 -1.95	52.88 -0.05 -2.06	63.68 0.37 -2.18	68.05 0.26 -1.89	54.95 0.00 -0.62	48.77 -0.15 -0.48	39.73 -0.08 0.00
BABYLON_RES_REC 323704	41.83 3.47 -1.08	37.51 3.13 -0.01	34.69 3.07 -0.01	33.28 2.97 -0.01	34.04 2.98 -0.01	39.23 3.44 -0.01	50.43 4.58 -0.01	55.43 5.13 -0.01	54.39 5.12 0.00	55.19 5.38 0.00	56.13 5.29 0.00	57.69 5.43 -0.01	60.44 5.79 -0.01	59.52 5.48 -1.85	58.60 5.77 -0.35	61.16 4.56 -11.94	59.82 4.46 -12.51	61.77 4.75 -11.36	67.10 5.34 -10.89	74.60 6.60 -6.87	72.03 6.06 -0.08	58.68 4.35 -0.01	52.56 4.11 -0.01	42.96 3.14 -0.01
BALL_HILL_WT_PWR 323825	36.05 -1.23 0.00	32.55 -1.82 0.00	30.19 -1.42 0.00	28.87 -1.42 0.00	29.56 -1.49 0.00	33.64 -2.15 0.00	43.09 -2.75 0.00	47.06 -3.22 0.00	45.90 -3.35 0.01	46.35 -3.63 -0.17	47.27 -3.56 0.01	48.52 -3.71 0.02	50.40 -4.26 -0.02	48.25 -4.02 -0.07	48.48 -3.99 0.01	42.01 -3.26 -0.60	40.10 -3.34 -0.59	42.39 -3.33 -0.05	47.14 -4.12 -0.39	57.08 -4.04 0.01	62.40 -3.49 0.00	50.68 -3.64 0.00	44.89 -3.53 0.01	37.34 -2.47 0.00
BARON_WINDS___WT_PWR 323822	36.57 -0.71 0.00	33.14 -1.24 0.00	30.67 -0.95 0.00	29.30 -1.00 0.00	30.06 -0.99 0.00	34.39 -1.40 0.00	44.15 -1.70 0.00	48.37 -1.91 0.00	47.22 -2.02 0.03	47.62 -2.34 -0.15	48.38 -2.44 0.03	49.45 -2.77 0.03	51.36 -3.28 0.00	49.19 -2.97 0.04	49.50 -2.94 0.04	42.86 -2.28 -0.47	41.04 -2.27 -0.47	43.44 -2.19 0.04	48.69 -2.54 -0.36	58.86 -2.26 0.01	64.05 -1.84 0.00	52.04 -2.28 0.00	46.00 -2.42 0.01	38.10 -1.71 0.00
BARRETT_IC_1 23704	41.27 2.94 -1.04	37.24 2.85 -0.02	34.48 2.85 -0.02	33.07 2.76 -0.02	33.77 2.70 -0.02	38.88 3.08 -0.02	49.93 4.08 -0.01	54.92 4.62 -0.01	54.00 4.73 0.00	54.79 4.98 0.00	55.88 5.03 0.00	57.43 5.17 -0.01	60.12 5.46 -0.01	59.16 5.12 -1.85	58.24 5.41 -0.36	60.80 4.20 -11.94	59.23 3.90 -12.49	61.16 4.16 -11.34	66.21 4.63 -10.72	73.45 5.69 -6.63	71.25 5.27 -0.07	58.09 3.75 -0.02	52.03 3.58 -0.01	42.65 2.83 -0.02
BARRETT_IC_10 23701	41.27 2.94 -1.04	37.24 2.85 -0.02	34.48 2.85 -0.02	33.07 2.76 -0.02	33.77 2.70 -0.02	38.88 3.08 -0.02	49.93 4.08 -0.01	54.92 4.62 -0.01	54.00 4.73 0.00	54.79 4.98 0.00	55.88 5.03 0.00	57.43 5.17 -0.01	60.12 5.46 -0.01	59.16 5.12 -1.85	58.24 5.41 -0.36	60.80 4.20 -11.94	59.23 3.90 -12.49	61.16 4.16 -11.34	66.21 4.63 -10.72	73.45 5.69 -6.63	71.25 5.27 -0.07	58.09 3.75 -0.02	52.03 3.58 -0.01	42.65 2.83 -0.02
BARRETT_IC_11 23702	41.27 2.94 -1.04	37.24 2.85 -0.02	34.48 2.85 -0.02	33.07 2.76 -0.02	33.77 2.70 -0.02	38.88 3.08 -0.02	49.93 4.08 -0.01	54.92 4.62 -0.01	54.00 4.73 0.00	54.79 4.98 0.00	55.88 5.03 0.00	57.43 5.17 -0.01	60.12 5.46 -0.01	59.16 5.12 -1.85	58.24 5.41 -0.36	60.80 4.20 -11.94	59.23 3.90 -12.49	61.16 4.16 -11.34	66.21 4.63 -10.72	73.45 5.69 -6.63	71.25 5.27 -0.07	58.09 3.75 -0.02	52.03 3.58 -0.01	42.65 2.83 -0.02
BARRETT_IC_12 23703	41.27 2.94 -1.04	37.24 2.85 -0.02	34.48 2.85 -0.02	33.07 2.76 -0.02	33.77 2.70 -0.02	38.88 3.08 -0.02	49.93 4.08 -0.01	54.92 4.62 -0.01	54.00 4.73 0.00	54.79 4.98 0.00	55.88 5.03 0.00	57.43 5.17 -0.01	60.12 5.46 -0.01	59.16 5.12 -1.85	58.24 5.41 -0.36	60.80 4.20 -11.94	59.23 3.90 -12.49	61.16 4.16 -11.34	66.21 4.63 -10.72	73.45 5.69 -6.63	71.25 5.27 -0.07	58.09 3.75 -0.02	52.03 3.58 -0.01	42.65 2.83 -0.02
BARRETT_IC_2 23705	41.27 2.94 -1.04	37.24 2.85 -0.02	34.48 2.85 -0.02	33.07 2.76 -0.02	33.77 2.70 -0.02	38.88 3.08 -0.02	49.93 4.08 -0.01	54.92 4.62 -0.01	54.00 4.73 0.00	54.79 4.98 0.00	55.88 5.03 0.00	57.43 5.17 -0.01	60.12 5.46 -0.01	59.16 5.12 -1.85	58.24 5.41 -0.36	60.80 4.20 -11.94	59.23 3.90 -12.49	61.16 4.16 -11.34	66.21 4.63 -10.72	73.45 5.69 -6.63	71.25 5.27 -0.07	58.09 3.75 -0.02	52.03 3.58 -0.01	42.65 2.83 -0.02
BARRETT_IC_3 23706	41.27 2.94 -1.04	37.24 2.85 -0.02	34.48 2.85 -0.02	33.07 2.76 -0.02	33.77 2.70 -0.02	38.88 3.08 -0.02	49.93 4.08 -0.01	54.92 4.62 -0.01	54.00 4.73 0.00	54.79 4.98 0.00	55.88 5.03 0.00	57.43 5.17 -0.01	60.12 5.46 -0.01	59.16 5.12 -1.85	58.24 5.41 -0.36	60.80 4.20 -11.94	59.23 3.90 -12.49	61.16 4.16 -11.34	66.21 4.63 -10.72	73.45 5.69 -6.63	71.25 5.27 -0.07	58.09 3.75 -0.02	52.03 3.58 -0.01	42.65 2.83 -0.02
BARRETT_IC_4 23707	41.27 2.94 -1.04	37.24 2.85 -0.02	34.48 2.85 -0.02	33.07 2.76 -0.02	33.77 2.70 -0.02	38.88 3.08 -0.02	49.93 4.08 -0.01	54.92 4.62 -0.01	54.00 4.73 0.00	54.79 4.98 0.00	55.88 5.03 0.00	57.43 5.17 -0.01	60.12 5.46 -0.01	59.16 5.12 -1.85	58.24 5.41 -0.36	60.80 4.20 -11.94	59.23 3.90 -12.49	61.16 4.16 -11.34	66.21 4.63 -10.72	73.45 5.69 -6.63	71.25 5.27 -0.07	58.09 3.75 -0.02	52.03 3.58 -0.01	42.65 2.83 -0.02
BARRETT_IC_5 23708	41.27 2.94 -1.04	37.24 2.85 -0.02	34.48 2.85 -0.02	33.07 2.76 -0.02	33.77 2.70 -0.02	38.88 3.08 -0.02	49.93 4.08 -0.01	54.92 4.62 -0.01	54.00 4.73 0.00	54.79 4.98 0.00	55.88 5.03 0.00	57.43 5.17 -0.01	60.12 5.46 -0.01	59.16 5.12 -1.85	58.24 5.41 -0.36	60.80 4.20 -11.94	59.23 3.90 -12.49	61.16 4.16 -11.34	66.21 4.63 -10.72	73.45 5.69 -6.63	71.25 5.27 -0.07	58.09 3.75 -0.02	52.03 3.58 -0.01	42.65 2.83 -0.02

BARRETT_IC_6 23709	41.27 2.94 -1.04	37.24 2.85 -0.02	34.48 2.85 -0.02	33.07 2.76 -0.02	33.77 2.70 -0.02	38.88 3.08 -0.02	49.93 4.08 -0.01	54.92 4.62 -0.01	54.00 4.73 0.00	54.79 4.98 0.00	55.88 5.03 0.00	57.43 5.17 -0.01	60.12 5.46 -0.01	59.16 5.12 -1.85	58.24 5.41 -0.36	60.80 4.20 -11.94	59.23 3.90 -12.49	61.16 4.16 -11.34	66.21 4.63 -10.72	73.45 5.69 -6.63	71.25 5.27 -0.07	58.09 3.75 -0.02	52.03 3.58 -0.01	42.65 2.83 -0.02
BARRETT_IC_7 23710	41.27 2.95 -1.04	37.27 2.89 -0.01	34.47 2.85 -0.01	33.06 2.76 -0.01	33.76 2.70 -0.01	38.87 3.08 -0.01	50.02 4.17 -0.01	54.92 4.63 -0.01	54.00 4.73 0.00	54.79 4.98 0.00	55.82 4.98 0.00	57.43 5.17 -0.01	60.23 5.57 -0.01	59.16 5.12 -1.85	58.24 5.41 -0.36	60.75 4.15 -11.94	59.19 3.86 -12.49	61.16 4.16 -11.34	66.19 4.63 -10.70	73.57 5.81 -6.63	71.24 5.27 -0.07	58.08 3.75 -0.01	52.03 3.58 -0.01	42.77 2.95 -0.01
BARRETT_IC_8 23711	41.27 2.94 -1.04	37.24 2.85 -0.02	34.48 2.85 -0.02	33.07 2.76 -0.02	33.77 2.70 -0.02	38.88 3.08 -0.02	49.93 4.08 -0.01	54.92 4.62 -0.01	54.00 4.73 0.00	54.79 4.98 0.00	55.88 5.03 0.00	57.43 5.17 -0.01	60.12 5.46 -0.01	59.16 5.12 -1.85	58.24 5.41 -0.36	60.80 4.20 -11.94	59.23 3.90 -12.49	61.16 4.16 -11.34	66.21 4.63 -10.72	73.45 5.69 -6.63	71.25 5.27 -0.07	58.09 3.75 -0.02	52.03 3.58 -0.01	42.65 2.83 -0.02
BARRETT_IC_9 23700	41.27 2.94 -1.04	37.24 2.85 -0.02	34.48 2.85 -0.02	33.07 2.76 -0.02	33.77 2.70 -0.02	38.88 3.08 -0.02	49.93 4.08 -0.01	54.92 4.62 -0.01	54.00 4.73 0.00	54.79 4.98 0.00	55.88 5.03 0.00	57.43 5.17 -0.01	60.12 5.46 -0.01	59.16 5.12 -1.85	58.24 5.41 -0.36	60.80 4.20 -11.94	59.23 3.90 -12.49	61.16 4.16 -11.34	66.21 4.63 -10.72	73.45 5.69 -6.63	71.25 5.27 -0.07	58.09 3.75 -0.02	52.03 3.58 -0.01	42.65 2.83 -0.02
BARRETT___1 23545	41.27 2.94 -1.04	37.24 2.85 -0.02	34.48 2.85 -0.02	33.07 2.76 -0.02	33.77 2.70 -0.02	38.88 3.08 -0.02	49.93 4.08 -0.01	54.92 4.62 -0.01	54.00 4.73 0.00	54.79 4.98 0.00	55.88 5.03 0.00	57.43 5.17 -0.01	60.12 5.46 -0.01	59.16 5.12 -1.85	58.24 5.41 -0.36	60.80 4.20 -11.94	59.23 3.90 -12.49	61.16 4.16 -11.34	66.21 4.63 -10.72	73.45 5.69 -6.63	71.25 5.27 -0.07	58.09 3.75 -0.02	52.03 3.58 -0.01	42.65 2.83 -0.02
BARRETT___2 23546	41.27 2.94 -1.04	37.24 2.85 -0.02	34.48 2.85 -0.02	33.07 2.76 -0.02	33.77 2.70 -0.02	38.88 3.08 -0.02	49.93 4.08 -0.01	54.92 4.62 -0.01	54.00 4.73 0.00	54.79 4.98 0.00	55.88 5.03 0.00	57.43 5.17 -0.01	60.12 5.46 -0.01	59.16 5.12 -1.85	58.24 5.41 -0.36	60.80 4.20 -11.94	59.23 3.90 -12.49	61.16 4.16 -11.34	66.21 4.63 -10.72	73.45 5.69 -6.63	71.25 5.27 -0.07	58.09 3.75 -0.02	52.03 3.58 -0.01	42.65 2.83 -0.02
BATAVIA__115KV_TB1 55881	36.31 -0.97 0.00	32.90 -1.48 0.00	30.41 -1.20 0.00	29.11 -1.18 0.00	29.84 -1.21 0.00	34.03 -1.75 0.00	43.23 -2.61 0.00	47.97 -2.31 0.00	46.65 -2.61 0.01	46.71 -3.29 -0.19	47.53 -3.30 0.01	48.73 -3.50 0.01	50.69 -3.99 -0.04	47.95 -4.33 -0.09	48.55 -3.94 -0.01	41.85 -3.44 -0.63	40.08 -3.39 -0.62	42.10 -3.61 -0.04	47.43 -3.81 -0.38	57.58 -3.55 0.01	62.67 -3.23 0.00	51.50 -2.82 0.00	45.52 -2.91 0.01	37.86 -1.95 0.00
BAYONEEC___CTG1 323682	40.00 2.72 0.00	36.85 2.48 0.00	34.08 2.47 0.00	32.72 2.42 0.00	33.44 2.39 0.00	38.51 2.72 0.00	49.64 3.80 0.00	54.66 4.37 0.00	53.90 4.63 0.00	54.79 4.98 0.00	55.97 5.13 0.00	57.58 5.33 0.00	60.38 5.74 0.00	59.46 5.43 -1.84	58.49 5.67 -0.34	61.01 4.42 -11.93	58.84 4.24 -11.75	60.99 4.52 -10.80	61.75 5.04 -5.85	67.18 6.05 0.00	71.36 5.47 0.00	58.18 3.86 0.00	51.78 3.34 0.00	42.20 2.39 0.00
BAYONEEC___CTG10 323750	40.00 2.72 0.00	36.85 2.48 0.00	34.08 2.47 0.00	32.72 2.42 0.00	33.44 2.39 0.00	38.51 2.72 0.00	49.64 3.80 0.00	54.66 4.37 0.00	53.90 4.63 0.00	54.79 4.98 0.00	55.97 5.13 0.00	57.58 5.33 0.00	60.38 5.74 0.00	59.46 5.43 -1.84	58.49 5.67 -0.34	61.01 4.42 -11.93	58.84 4.24 -11.75	60.99 4.52 -10.80	61.75 5.04 -5.85	67.18 6.05 0.00	71.36 5.47 0.00	58.18 3.86 0.00	51.78 3.34 0.00	42.20 2.39 0.00
BAYONEEC___CTG2 323683	40.00 2.72 0.00	36.85 2.48 0.00	34.08 2.47 0.00	32.72 2.42 0.00	33.44 2.39 0.00	38.51 2.72 0.00	49.64 3.80 0.00	54.66 4.37 0.00	53.90 4.63 0.00	54.79 4.98 0.00	55.97 5.13 0.00	57.58 5.33 0.00	60.38 5.74 0.00	59.46 5.43 -1.84	58.49 5.67 -0.34	61.01 4.42 -11.93	58.84 4.24 -11.75	60.99 4.52 -10.80	61.75 5.04 -5.85	67.18 6.05 0.00	71.36 5.47 0.00	58.18 3.86 0.00	51.78 3.34 0.00	42.20 2.39 0.00
BAYONEEC___CTG3 323684	40.00 2.72 0.00	36.85 2.48 0.00	34.08 2.47 0.00	32.72 2.42 0.00	33.44 2.39 0.00	38.51 2.72 0.00	49.64 3.80 0.00	54.66 4.37 0.00	53.90 4.63 0.00	54.79 4.98 0.00	55.97 5.13 0.00	57.58 5.33 0.00	60.38 5.74 0.00	59.46 5.43 -1.84	58.49 5.67 -0.34	61.01 4.42 -11.93	58.84 4.24 -11.75	60.99 4.52 -10.80	61.75 5.04 -5.85	67.18 6.05 0.00	71.36 5.47 0.00	58.18 3.86 0.00	51.78 3.34 0.00	42.20 2.39 0.00
BAYONEEC___CTG4 323685	40.00 2.72 0.00	36.85 2.48 0.00	34.08 2.47 0.00	32.72 2.42 0.00	33.44 2.39 0.00	38.51 2.72 0.00	49.64 3.80 0.00	54.66 4.37 0.00	53.90 4.63 0.00	54.79 4.98 0.00	55.97 5.13 0.00	57.58 5.33 0.00	60.38 5.74 0.00	59.46 5.43 -1.84	58.49 5.67 -0.34	61.01 4.42 -11.93	58.84 4.24 -11.75	60.99 4.52 -10.80	61.75 5.04 -5.85	67.18 6.05 0.00	71.36 5.47 0.00	58.18 3.86 0.00	51.78 3.34 0.00	42.20 2.39 0.00
BAYONEEC___CTG5 323686	40.00 2.72 0.00	36.85 2.48 0.00	34.08 2.47 0.00	32.72 2.42 0.00	33.44 2.39 0.00	38.51 2.72 0.00	49.64 3.80 0.00	54.66 4.37 0.00	53.90 4.63 0.00	54.79 4.98 0.00	55.97 5.13 0.00	57.58 5.33 0.00	60.38 5.74 0.00	59.46 5.43 -1.84	58.49 5.67 -0.34	61.01 4.42 -11.93	58.84 4.24 -11.75	60.99 4.52 -10.80	61.75 5.04 -5.85	67.18 6.05 0.00	71.36 5.47 0.00	58.18 3.86 0.00	51.78 3.34 0.00	42.20 2.39 0.00
BAYONEEC___CTG6 323687	40.00 2.72 0.00	36.85 2.48 0.00	34.08 2.47 0.00	32.72 2.42 0.00	33.44 2.39 0.00	38.51 2.72 0.00	49.64 3.80 0.00	54.66 4.37 0.00	53.90 4.63 0.00	54.79 4.98 0.00	55.97 5.13 0.00	57.58 5.33 0.00	60.38 5.74 0.00	59.46 5.43 -1.84	58.49 5.67 -0.34	61.01 4.42 -11.93	58.84 4.24 -11.75	60.99 4.52 -10.80	61.75 5.04 -5.85	67.18 6.05 0.00	71.36 5.47 0.00	58.18 3.86 0.00	51.78 3.34 0.00	42.20 2.39 0.00
BAYONEEC___CTG7 323688	40.00 2.72 0.00	36.85 2.48 0.00	34.08 2.47 0.00	32.72 2.42 0.00	33.44 2.39 0.00	38.51 2.72 0.00	49.64 3.80 0.00	54.66 4.37 0.00	53.90 4.63 0.00	54.79 4.98 0.00	55.97 5.13 0.00	57.58 5.33 0.00	60.38 5.74 0.00	59.46 5.43 -1.84	58.49 5.67 -0.34	61.01 4.42 -11.93	58.84 4.24 -11.75	60.99 4.52 -10.80	61.75 5.04 -5.85	67.18 6.05 0.00	71.36 5.47 0.00	58.18 3.86 0.00	51.78 3.34 0.00	42.20 2.39 0.00

BAYONEEC___CTG8 323689	40.00 2.72 0.00	36.85 2.48 0.00	34.08 2.47 0.00	32.72 2.42 0.00	33.44 2.39 0.00	38.51 2.72 0.00	49.64 3.80 0.00	54.66 4.37 0.00	53.90 4.63 0.00	54.79 4.98 0.00	55.97 5.13 0.00	57.58 5.33 0.00	60.38 5.74 0.00	59.46 5.43 -1.84	58.49 5.67 -0.34	61.01 4.42 -11.93	58.84 4.24 -11.75	60.99 4.52 -10.80	61.75 5.04 -5.85	67.18 6.05 0.00	71.36 5.47 0.00	58.18 3.86 0.00	51.78 3.34 0.00	42.20 2.39 0.00
BAYONEEC___CTG9 323749	40.00 2.72 0.00	36.85 2.48 0.00	34.08 2.47 0.00	32.72 2.42 0.00	33.44 2.39 0.00	38.51 2.72 0.00	49.64 3.80 0.00	54.66 4.37 0.00	53.90 4.63 0.00	54.79 4.98 0.00	55.97 5.13 0.00	57.58 5.33 0.00	60.38 5.74 0.00	59.46 5.43 -1.84	58.49 5.67 -0.34	61.01 4.42 -11.93	58.84 4.24 -11.75	60.99 4.52 -10.80	61.75 5.04 -5.85	67.18 6.05 0.00	71.36 5.47 0.00	58.18 3.86 0.00	51.78 3.34 0.00	42.20 2.39 0.00
BAYPORT_69_KV_BK 2 356364	42.35 4.06 -1.00	37.99 3.61 -0.01	35.13 3.51 -0.01	33.70 3.39 -0.01	34.51 3.45 -0.01	39.80 4.01 -0.01	51.21 5.36 -0.01	56.18 5.88 -0.01	55.08 5.81 0.00	55.84 6.03 0.00	56.79 5.95 0.00	58.47 6.22 -0.01	61.38 6.72 -0.01	60.41 6.37 -1.85	59.55 6.72 -0.36	62.00 5.40 -11.94	60.53 5.23 -12.46	62.60 5.62 -11.32	67.74 6.36 -10.51	75.47 7.95 -6.39	73.42 7.45 -0.08	59.66 5.32 -0.01	53.39 4.94 -0.01	43.64 3.82 -0.01
BEACON___LESR 323632	38.62 1.34 0.00	35.68 1.31 0.00	32.91 1.30 0.00	31.51 1.21 0.00	32.23 1.18 0.00	37.22 1.43 0.00	47.58 1.74 0.00	52.15 1.86 0.00	51.14 1.87 0.00	51.70 1.89 0.00	52.74 1.93 0.04	53.38 2.14 1.01	54.12 2.24 2.76	50.47 2.24 3.97	55.07 2.20 -0.39	60.08 1.96 -13.45	57.94 1.84 -13.25	59.83 1.96 -12.20	59.60 2.09 -6.65	63.58 2.45 0.00	67.74 1.84 0.00	55.84 1.52 0.00	50.03 1.60 0.00	41.08 1.27 0.00
BEAVER RIVER___HYD 24048	36.87 -0.41 0.00	34.00 -0.38 0.00	31.30 -0.32 0.00	29.93 -0.36 0.00	30.84 -0.22 0.00	35.64 -0.14 0.00	45.70 -0.14 0.00	50.44 0.15 0.00	49.23 -0.15 -0.11	54.44 -0.20 -4.83	51.00 0.05 -0.11	51.99 -0.26 0.00	55.45 -0.38 -1.18	51.92 -0.36 -0.09	52.07 -0.42 -0.02	44.81 -0.40 -0.56	42.67 -0.73 -0.55	46.34 -0.37 -1.04	51.54 -0.56 -1.23	62.52 -0.06 -1.45	66.82 -0.33 -1.25	54.95 0.22 -0.41	48.95 0.19 -0.32	39.81 0.00 0.00
BEEBEE_GT_13 23619	36.65 -0.63 0.00	33.38 -1.00 0.00	30.79 -0.82 0.00	29.48 -0.82 0.00	30.21 -0.84 0.00	34.61 -1.18 0.00	44.05 -1.79 0.00	48.98 -1.31 0.00	47.69 -1.58 0.01	47.91 -2.09 -0.19	48.80 -2.03 0.01	50.09 -2.14 0.01	52.17 -2.51 -0.04	49.42 -2.87 -0.09	49.97 -2.52 -0.01	42.98 -2.32 -0.64	41.25 -2.23 -0.63	43.12 -2.56 -0.01	48.67 -2.59 -0.40	58.92 -2.20 0.00	63.72 -2.17 0.00	52.53 -1.79 0.00	46.45 -1.99 0.00	38.46 -1.35 0.00
BENSHRST_27_KV_BENSHRST_1 355998	40.38 3.09 -0.01	37.20 2.82 -0.01	34.47 2.85 -0.01	33.06 2.76 -0.01	33.79 2.73 -0.01	38.80 3.01 -0.01	50.07 4.22 -0.01	55.11 4.83 0.00	54.29 5.03 0.00	55.29 5.48 0.00	56.43 5.59 0.00	58.10 5.85 0.00	60.88 6.23 0.00	59.78 5.74 -1.84	58.91 6.09 -0.35	61.32 4.73 -11.93	59.18 4.58 -11.75	61.35 4.89 -10.80	62.24 5.54 -5.83	67.92 6.79 -0.01	71.97 6.06 -0.01	58.62 4.29 -0.01	52.17 3.73 -0.01	42.64 2.83 -0.01
BETHLEHEM___GRP 23843	38.10 0.82 0.00	35.20 0.83 0.00	32.47 0.85 0.00	31.08 0.79 0.00	31.83 0.78 0.00	36.68 0.89 0.00	46.94 1.10 0.00	51.34 1.06 0.00	50.30 1.03 0.00	50.86 1.05 0.00	51.88 1.07 0.03	52.64 1.25 0.86	53.68 1.37 2.33	50.53 1.36 3.03	54.23 1.36 -0.39	59.33 1.21 -13.46	57.26 1.16 -13.26	59.10 1.23 -12.20	58.81 1.32 -6.62	62.72 1.59 0.00	66.82 0.92 0.00	54.98 0.65 0.00	49.26 0.82 0.00	40.53 0.72 0.00
BETHLEHEM___GS1 323560	38.10 0.82 0.00	35.20 0.82 0.00	32.47 0.85 0.00	31.08 0.79 0.00	31.83 0.78 0.00	36.68 0.90 0.00	46.90 1.06 0.00	51.34 1.06 0.00	50.31 1.04 0.00	50.86 1.05 0.00	51.88 1.07 0.03	52.64 1.25 0.86	53.62 1.31 2.33	50.52 1.35 3.03	54.23 1.36 -0.39	59.33 1.21 -13.46	57.26 1.16 -13.26	59.10 1.23 -12.20	58.84 1.32 -6.65	62.66 1.53 0.00	66.75 0.85 0.00	55.03 0.70 0.00	49.31 0.87 0.00	40.53 0.72 0.00
BETHLEHEM___GS2 323561	38.10 0.82 0.00	35.20 0.82 0.00	32.47 0.85 0.00	31.08 0.79 0.00	31.83 0.78 0.00	36.68 0.90 0.00	46.90 1.06 0.00	51.34 1.06 0.00	50.31 1.04 0.00	50.86 1.05 0.00	51.88 1.07 0.03	52.64 1.25 0.86	53.62 1.31 2.33	50.52 1.35 3.03	54.23 1.36 -0.39	59.33 1.21 -13.46	57.26 1.16 -13.26	59.10 1.23 -12.20	58.84 1.32 -6.65	62.66 1.53 0.00	66.75 0.85 0.00	55.03 0.70 0.00	49.31 0.87 0.00	40.53 0.72 0.00
BETHLEHEM___GS3 323562	38.10 0.82 0.00	35.20 0.82 0.00	32.47 0.85 0.00	31.08 0.79 0.00	31.83 0.78 0.00	36.68 0.90 0.00	46.90 1.06 0.00	51.34 1.06 0.00	50.31 1.04 0.00	50.86 1.05 0.00	51.88 1.07 0.03	52.64 1.25 0.86	53.62 1.31 2.33	50.52 1.35 3.03	54.23 1.36 -0.39	59.33 1.21 -13.46	57.26 1.16 -13.26	59.10 1.23 -12.20	58.84 1.32 -6.65	62.66 1.53 0.00	66.75 0.85 0.00	55.03 0.70 0.00	49.31 0.87 0.00	40.53 0.72 0.00
BETHLEHEM___STEEL 23779	35.75 -1.53 0.00	32.24 -2.13 0.00	29.94 -1.68 0.00	28.63 -1.67 0.00	29.31 -1.74 0.00	33.32 -2.47 0.00	42.22 -3.62 0.00	46.61 -3.67 0.00	45.46 -3.79 0.01	46.00 -3.98 -0.18	46.86 -3.97 0.01	48.10 -4.13 0.02	50.19 -4.48 -0.03	47.62 -4.65 -0.07	48.13 -4.36 -0.01	41.61 -3.66 -0.61	39.63 -3.81 -0.60	41.80 -3.93 -0.06	46.60 -4.63 -0.37	56.11 -5.01 0.01	61.35 -4.55 0.00	50.20 -4.13 0.00	44.46 -3.97 0.01	37.14 -2.67 0.00
BETHLHEM_115KV_TB1 79974	38.14 0.86 0.00	35.23 0.86 0.00	32.50 0.89 0.00	31.14 0.85 0.00	31.86 0.81 0.00	36.75 0.97 0.00	47.03 1.19 0.00	51.49 1.21 0.00	50.40 1.13 0.00	51.01 1.20 0.00	52.03 1.22 0.03	52.82 1.36 0.79	54.03 1.53 2.15	51.04 1.46 2.62	54.34 1.47 -0.39	59.41 1.30 -13.45	57.34 1.24 -13.25	59.19 1.32 -12.19	58.91 1.42 -6.62	62.84 1.71 0.00	66.95 1.05 0.00	55.14 0.81 0.00	49.36 0.92 0.00	40.61 0.80 0.00
BETHPAGE_CC_5 323564	41.81 3.39 -1.14	37.48 3.10 -0.01	34.66 3.04 -0.01	33.24 2.94 -0.01	33.98 2.92 -0.01	39.16 3.36 -0.01	50.16 4.31 -0.01	55.12 4.83 -0.01	54.20 4.93 0.00	54.99 5.18 0.00	56.03 5.19 0.00	57.64 5.38 -0.01	60.23 5.58 -0.01	59.37 5.33 -1.85	58.39 5.56 -0.35	60.89 4.29 -11.94	59.56 4.16 -12.55	61.53 4.48 -11.39	66.96 4.93 -11.16	74.47 6.11 -7.23	71.52 5.54 -0.08	58.41 4.08 -0.01	52.32 3.88 -0.01	42.93 3.11 -0.01
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	35.75 -1.53 0.00	32.24 -2.13 0.00	29.94 -1.68 0.00	28.63 -1.67 0.00	29.31 -1.74 0.00	33.35 -2.43 0.00	42.31 -3.53 0.00	46.66 -3.62 0.00	45.56 -3.70 0.01	46.20 -3.79 -0.17	47.01 -3.81 0.01	48.31 -3.92 0.02	50.47 -4.21 -0.03	47.99 -4.28 -0.07	48.39 -4.09 -0.01	41.88 -3.39 -0.61	39.85 -3.60 -0.60	42.07 -3.65 -0.05	46.81 -4.43 -0.37	56.17 -4.95 0.01	61.42 -4.48 0.00	50.20 -4.13 0.00	44.50 -3.92 0.01	37.14 -2.67 0.00

BINGHAMTON___COGEN 23790	37.91 0.63 0.00	34.82 0.45 0.00	32.12 0.51 0.00	30.72 0.42 0.00	31.52 0.47 0.00	36.29 0.50 0.00	46.57 0.73 0.00	50.99 0.70 0.00	49.96 0.69 0.00	50.52 0.70 -0.01	51.56 0.71 0.00	52.98 0.73 0.00	55.36 0.71 0.00	53.55 0.68 -0.67	53.38 0.79 -0.12	50.98 0.76 -5.56	48.97 0.64 -5.48	52.60 0.73 -6.20	54.74 0.81 -3.06	63.39 1.22 -1.04	67.84 1.05 -0.89	55.21 0.60 -0.29	49.11 0.44 -0.24	40.21 0.40 0.00
BIXINCNT_115KV_LOAD 355685	35.83 -1.45 0.00	32.31 -2.06 0.00	30.06 -1.55 0.00	28.78 -1.51 0.00	29.41 -1.65 0.00	33.53 -2.25 0.00	42.72 -3.12 0.00	46.97 -3.32 0.00	46.00 -3.25 0.02	46.99 -2.99 -0.17	47.72 -3.10 0.02	49.04 -3.19 0.02	51.34 -3.33 -0.02	49.14 -3.13 -0.07	49.33 -3.15 0.00	42.68 -2.59 -0.61	40.58 -2.87 -0.60	43.03 -2.74 -0.10	47.56 -3.66 -0.36	56.72 -4.40 0.01	62.14 -3.76 0.00	50.58 -3.75 0.00	44.79 -3.63 0.01	37.38 -2.43 0.00
BLACK RIVER___HYD 24047	37.13 -0.15 0.00	34.20 -0.17 0.00	31.52 -0.09 0.00	30.11 -0.18 0.00	31.05 0.00 0.00	35.89 0.11 0.00	46.16 0.32 0.00	50.94 0.65 0.00	49.49 0.15 -0.08	53.21 0.05 -3.35	51.12 0.20 -0.08	52.09 -0.16 0.00	55.20 -0.27 -0.82	52.10 -0.21 -0.11	52.29 -0.21 -0.02	45.16 -0.22 -0.72	43.00 -0.56 -0.71	47.07 -0.09 -1.49	52.47 -0.25 -1.86	64.00 0.61 -2.26	68.12 0.26 -1.95	55.62 0.65 -0.64	49.47 0.53 -0.50	40.09 0.28 0.00
BLACKRVR_115KV_TB2 79977	37.13 -0.15 0.00	34.20 -0.17 0.00	31.52 -0.09 0.00	30.11 -0.18 0.00	31.05 0.00 0.00	35.89 0.11 0.00	46.12 0.28 0.00	50.94 0.65 0.00	49.54 0.20 -0.08	53.21 0.05 -3.35	51.12 0.20 -0.08	52.09 -0.16 0.00	55.14 -0.33 -0.82	52.10 -0.21 -0.11	52.29 -0.21 -0.02	45.16 -0.22 -0.72	43.00 -0.56 -0.71	47.07 -0.09 -1.49	52.46 -0.25 -1.85	64.00 0.61 -2.26	68.11 0.26 -1.95	55.62 0.65 -0.64	49.47 0.53 -0.50	40.05 0.24 0.00
BLISS_WT_PWR 323608	35.75 -1.53 0.00	32.31 -2.06 0.00	30.03 -1.58 0.00	28.75 -1.54 0.00	29.37 -1.68 0.00	33.50 -2.29 0.00	43.09 -2.75 0.00	46.92 -3.37 0.00	46.00 -3.25 0.02	46.85 -3.14 -0.17	47.67 -3.15 0.02	48.94 -3.29 0.02	50.62 -4.04 -0.02	48.98 -3.29 -0.07	49.00 -3.47 0.01	42.81 -2.46 -0.61	40.75 -2.70 -0.60	43.17 -2.60 -0.10	47.39 -3.87 -0.39	57.03 -4.10 0.01	62.40 -3.49 0.00	50.52 -3.80 0.00	44.84 -3.58 0.01	37.22 -2.59 0.00
BLUESTONE___WT_PWR 323821	39.03 1.75 0.00	35.92 1.55 0.00	33.16 1.55 0.00	31.66 1.36 0.00	32.51 1.46 0.00	37.43 1.65 0.00	48.73 2.89 0.00	53.60 3.32 0.00	52.38 3.11 -0.01	52.97 3.14 -0.02	54.11 3.26 -0.01	55.39 3.13 -0.01	57.83 3.17 -0.02	56.35 3.24 -0.91	56.01 3.36 -0.17	53.24 2.82 -5.76	51.01 2.48 -5.67	54.59 2.97 -5.95	56.04 3.24 -2.89	65.15 3.24 -0.78	69.46 2.90 -0.67	56.83 2.28 -0.22	50.60 1.99 -0.17	41.32 1.51 0.00
BLUE_CIRC_CHEM_DRP 24182	38.59 1.30 0.00	35.65 1.27 0.00	32.85 1.23 0.00	31.48 1.18 0.00	32.20 1.15 0.00	37.11 1.32 0.00	47.49 1.65 0.00	51.99 1.71 0.00	50.94 1.68 0.00	51.50 1.69 0.00	52.55 1.73 0.02	53.60 1.93 0.58	55.14 2.08 1.58	52.79 1.98 1.39	54.81 1.94 -0.39	59.70 1.70 -13.34	57.58 1.59 -13.14	59.50 1.74 -12.10	59.31 1.88 -6.57	63.45 2.32 0.00	67.81 1.91 0.00	55.79 1.47 0.00	49.94 1.50 0.00	41.08 1.27 0.00
BOC_GAS_DRP 24189	38.29 1.01 0.00	35.34 0.96 0.00	32.59 0.98 0.00	31.23 0.94 0.00	31.98 0.93 0.00	36.86 1.07 0.00	47.22 1.38 0.00	51.74 1.46 0.00	50.70 1.43 0.00	51.31 1.49 0.00	52.35 1.53 0.02	53.48 1.67 0.44	55.24 1.80 1.20	53.37 1.72 0.55	54.65 1.78 -0.39	59.40 1.52 -13.21	57.32 1.46 -13.02	59.13 1.55 -11.91	59.19 1.73 -6.59	63.21 2.08 0.00	67.48 1.58 0.00	55.52 1.20 0.00	49.65 1.21 0.00	40.80 1.00 0.00
BOONVILLE_115KV_TB1 79983	37.80 0.52 0.00	34.82 0.45 0.00	32.09 0.47 0.00	30.69 0.39 0.00	31.58 0.53 0.00	36.47 0.68 0.00	46.85 1.01 0.00	51.64 1.36 0.00	50.45 1.13 -0.05	53.18 1.10 -2.27	52.17 1.27 -0.05	53.29 1.04 0.00	56.24 1.04 -0.56	53.38 1.10 -0.08	53.59 1.10 -0.02	46.04 0.85 -0.53	43.93 0.56 -0.52	47.35 0.87 -0.82	52.54 0.81 -0.87	63.51 1.47 -0.91	67.93 1.25 -0.79	55.83 1.25 -0.26	49.75 1.11 -0.20	40.57 0.76 0.00
BORALEX_4TH_BRANCH 23824	39.26 1.98 0.00	36.33 1.96 0.00	33.60 1.99 0.00	32.20 1.91 0.00	32.95 1.89 0.00	38.04 2.25 0.00	48.45 2.61 0.00	53.10 2.82 0.00	51.88 2.61 0.00	52.45 2.64 0.00	53.55 2.69 -0.01	55.58 2.98 -0.35	58.72 3.11 -0.96	59.50 3.08 -4.23	56.13 3.25 -0.40	60.72 2.72 -13.33	58.72 2.74 -13.13	60.64 2.97 -12.01	60.77 3.26 -6.65	64.98 3.85 0.00	68.80 2.90 0.00	56.82 2.50 0.00	51.10 2.66 0.00	41.96 2.15 0.00
BOWLINE___1 23526	39.67 2.39 0.00	36.58 2.20 0.00	33.79 2.18 0.00	32.42 2.12 0.00	33.13 2.08 0.00	38.22 2.43 0.00	49.14 3.30 0.00	54.06 3.77 0.00	53.21 3.94 0.00	54.04 4.23 0.00	55.21 4.37 0.00	56.79 4.54 0.00	59.51 4.86 0.00	58.65 4.64 -1.81	57.69 4.88 -0.34	60.20 3.79 -11.74	58.06 3.64 -11.57	60.19 3.88 -10.64	60.94 4.32 -5.75	66.32 5.19 0.00	70.64 4.75 0.00	57.64 3.31 0.00	51.34 2.91 0.00	41.92 2.11 0.00
BOWLINE___2 23595	39.67 2.39 0.00	36.58 2.20 0.00	33.79 2.18 0.00	32.42 2.12 0.00	33.13 2.08 0.00	38.22 2.43 0.00	49.14 3.30 0.00	54.06 3.77 0.00	53.21 3.94 0.00	54.04 4.23 0.00	55.21 4.37 0.00	56.79 4.54 0.00	59.51 4.86 0.00	58.65 4.64 -1.81	57.69 4.88 -0.34	60.20 3.79 -11.74	58.06 3.64 -11.57	60.19 3.88 -10.64	60.94 4.32 -5.75	66.32 5.19 0.00	70.64 4.75 0.00	57.64 3.31 0.00	51.34 2.91 0.00	41.92 2.11 0.00
BRADY___115KV_TB2 356060	36.57 -0.71 0.00	33.86 -0.52 0.00	31.17 -0.44 0.00	29.93 -0.36 0.00	30.74 -0.31 0.00	35.46 -0.32 0.00	45.61 -0.23 0.00	50.23 -0.05 0.00	49.50 -0.10 -0.33	63.84 -0.05 -14.08	51.02 -0.15 -0.33	51.88 -0.37 0.00	57.66 -0.44 -3.45	51.78 -0.42 0.00	51.79 -0.68 0.00	44.08 -0.58 0.00	42.55 -0.30 0.00	45.62 -0.05 0.00	50.66 -0.20 0.00	60.58 -0.55 0.00	65.77 -0.13 0.00	54.60 0.27 0.00	48.58 0.15 0.00	39.81 0.00 0.00
BRANSCOMB___SOLAR 323811	39.37 2.09 0.00	36.37 1.99 0.00	33.51 1.90 0.00	32.08 1.79 0.00	32.82 1.77 0.00	37.93 2.15 0.00	48.50 2.66 0.00	53.15 2.86 0.00	52.13 2.86 0.00	52.75 2.94 0.00	53.96 3.10 -0.01	55.88 3.29 -0.34	59.02 3.44 -0.93	59.73 3.34 -4.19	56.14 3.25 -0.41	60.96 2.77 -13.53	58.79 2.61 -13.32	60.59 2.74 -12.19	60.65 3.00 -6.79	64.67 3.54 0.00	68.93 3.03 0.00	56.99 2.66 0.00	51.05 2.61 0.00	41.88 2.07 0.00
BRDGHMPT_69_KV_BK1 55812	41.70 3.43 -0.99	37.44 3.06 -0.01	34.59 2.97 -0.01	33.21 2.91 -0.01	34.04 2.98 -0.01	39.27 3.47 -0.01	50.53 4.68 -0.01	55.87 5.58 -0.01	54.59 5.32 0.00	55.34 5.53 0.00	56.38 5.54 0.00	58.11 5.85 -0.01	60.99 6.34 -0.01	60.10 6.05 -1.85	59.24 6.40 -0.36	61.74 5.14 -11.94	60.27 4.97 -12.45	62.00 5.02 -11.31	67.07 5.75 -10.46	74.72 7.27 -6.32	72.70 6.72 -0.08	58.95 4.62 -0.01	52.61 4.17 -0.01	42.96 3.14 -0.01

BRENTWOD_69_KV_W. BRTWOOD 56703	42.02 3.73 -1.01	37.75 3.37 -0.01	34.88 3.26 -0.01	33.49 3.18 -0.01	34.26 3.20 -0.01	39.48 3.69 -0.01	50.85 5.00 -0.01	55.72 5.43 -0.01	54.74 5.47 0.00	55.49 5.68 0.00	56.33 5.49 0.00	58.00 5.75 -0.01	60.83 6.17 -0.01	59.84 5.79 -1.85	58.97 6.14 -0.36	61.47 4.87 -11.94	60.02 4.71 -12.46	61.92 4.93 -11.32	66.88 5.49 -10.53	74.44 6.91 -6.40	72.30 6.33 -0.07	58.95 4.62 -0.01	52.95 4.50 -0.01	43.36 3.54 -0.01
BRISTLHL_115KV_TB1 79998	36.72 -0.56 0.00	33.79 -0.58 0.00	31.14 -0.47 0.00	29.78 -0.52 0.00	30.59 -0.47 0.00	35.21 -0.57 0.00	45.11 -0.73 0.00	49.48 -0.80 0.00	48.44 -0.84 -0.01	49.40 -0.90 -0.49	49.94 -0.92 -0.01	51.31 -0.94 0.00	53.73 -1.04 -0.12	51.31 -1.04 -0.16	51.56 -0.94 -0.03	44.51 -0.94 -0.79	42.72 -0.90 -0.78	47.06 -1.00 -2.39	53.49 -1.07 -3.69	64.97 -0.98 -4.82	68.81 -1.25 -4.16	54.55 -1.14 -1.37	48.38 -1.11 -1.06	38.97 -0.84 0.00
BROOKHAVEN___DRP 24191	41.96 3.69 -0.99	37.68 3.30 -0.01	34.85 3.22 -0.01	33.43 3.12 -0.01	34.20 3.14 -0.01	39.45 3.65 -0.01	50.76 4.91 -0.01	55.72 5.43 -0.01	54.59 5.32 0.00	55.34 5.53 0.00	56.23 5.39 0.00	57.90 5.64 -0.01	60.77 6.12 -0.01	59.84 5.79 -1.85	58.97 6.14 -0.36	61.47 4.87 -11.94	60.01 4.71 -12.45	62.05 5.07 -11.31	67.02 5.70 -10.46	74.66 7.21 -6.32	72.63 6.66 -0.08	59.01 4.67 -0.01	52.90 4.46 -0.01	43.28 3.46 -0.01
BROOKLYN_NAVY_YARD 23515	39.87 2.61 0.02	36.74 2.37 0.01	33.98 2.37 0.01	32.59 2.30 0.01	0.00 2.27 33.32	38.38 2.61 0.02	49.51 3.67 0.00	54.56 4.27 0.00	53.75 4.48 0.00	54.70 4.88 0.00	55.83 4.99 0.00	57.42 5.17 0.00	60.16 5.52 0.00	59.25 5.22 -1.84	58.33 5.51 -0.34	60.88 4.29 -11.93	58.71 4.11 -11.75	60.85 4.38 -10.80	61.64 4.93 -5.85	66.94 5.81 0.00	71.10 5.20 0.00	58.02 3.70 0.00	51.63 3.20 0.00	42.06 2.27 0.02
BROOKLYN___ARMY_DRP 323595	40.23 2.95 -0.01	37.10 2.72 -0.01	34.37 2.75 -0.01	32.97 2.67 -0.01	33.70 2.64 -0.01	38.69 2.90 -0.01	49.93 4.08 -0.01	54.96 4.68 0.00	54.10 4.83 0.00	55.09 5.28 0.00	56.23 5.39 0.00	57.89 5.64 0.00	60.66 6.01 0.00	59.57 5.53 -1.84	58.70 5.88 -0.35	61.10 4.51 -11.93	58.97 4.37 -11.75	61.17 4.70 -10.80	61.99 5.29 -5.83	67.68 6.54 -0.01	71.64 5.73 -0.01	58.41 4.07 -0.01	51.98 3.54 -0.01	42.52 2.71 -0.01
BROOME_2_LFGE 323671	37.91 0.63 0.00	34.82 0.45 0.00	32.12 0.50 0.00	30.72 0.42 0.00	31.52 0.47 0.00	36.29 0.50 0.00	46.62 0.78 0.00	50.99 0.70 0.00	49.96 0.69 0.00	50.46 0.65 -0.01	51.56 0.71 0.00	52.98 0.73 0.00	55.31 0.66 -0.01	53.55 0.68 -0.67	53.34 0.73 -0.13	50.98 0.76 -5.56	49.01 0.68 -5.48	52.65 0.78 -6.20	54.80 0.81 -3.12	63.39 1.22 -1.04	67.84 1.05 -0.89	55.22 0.60 -0.29	49.11 0.43 -0.24	40.21 0.40 0.00
BROOME___LFGE 323600	37.91 0.63 0.00	34.82 0.45 0.00	32.12 0.50 0.00	30.72 0.42 0.00	31.52 0.47 0.00	36.29 0.50 0.00	46.62 0.78 0.00	50.99 0.70 0.00	49.96 0.69 0.00	50.46 0.65 -0.01	51.56 0.71 0.00	52.98 0.73 0.00	55.31 0.66 -0.01	53.55 0.68 -0.67	53.34 0.73 -0.13	50.98 0.76 -5.56	49.01 0.68 -5.48	52.65 0.78 -6.20	54.80 0.81 -3.12	63.39 1.22 -1.04	67.84 1.05 -0.89	55.22 0.60 -0.29	49.11 0.43 -0.24	40.21 0.40 0.00
BROWNFLS_115KV_TB_3_5 80003	36.13 -1.16 0.00	33.38 -1.00 0.00	30.70 -0.92 0.00	29.39 -0.91 0.00	30.24 -0.81 0.00	34.93 -0.86 0.00	44.88 -0.96 0.00	49.48 -0.80 0.00	48.62 -0.84 -0.19	57.51 -0.65 -8.34	50.48 -0.56 -0.19	51.41 -0.84 0.00	55.71 -0.98 -2.04	51.27 -0.99 -0.06	51.23 -1.26 -0.01	43.90 -1.16 -0.40	41.91 -1.33 -0.39	45.36 -1.05 -0.74	50.36 -1.37 -0.87	60.68 -1.47 -1.02	65.26 -1.52 -0.88	53.80 -0.81 -0.29	47.98 -0.68 -0.22	39.17 -0.64 0.00
BROWNSV1_27_KV_LOAD 356125	40.26 2.98 0.00	37.09 2.72 0.00	34.30 2.69 0.00	32.90 2.61 0.00	33.63 2.58 0.00	38.76 2.97 0.00	50.01 4.17 0.00	55.06 4.78 0.00	54.25 4.98 0.00	55.19 5.38 0.00	56.38 5.54 0.00	57.99 5.75 0.00	60.88 6.23 0.00	59.83 5.79 -1.84	58.91 6.09 -0.35	61.32 4.73 -11.93	59.14 4.54 -11.75	61.35 4.89 -10.80	62.18 5.49 -5.82	67.85 6.72 0.00	71.96 6.06 0.00	58.62 4.29 0.00	52.12 3.68 0.00	42.60 2.79 0.00
BURROWS___LYONSDAL 23803	37.58 0.30 0.00	34.65 0.28 0.00	31.90 0.28 0.00	30.51 0.21 0.00	31.42 0.37 0.00	36.29 0.50 0.00	46.62 0.78 0.00	51.39 1.11 0.00	50.22 0.89 -0.06	53.43 0.85 -2.77	51.87 0.97 -0.06	52.98 0.73 0.00	56.04 0.71 -0.68	53.06 0.78 -0.08	53.23 0.73 -0.02	45.78 0.58 -0.54	43.63 0.26 -0.53	47.17 0.64 -0.86	52.31 0.51 -0.94	63.31 1.16 -1.02	67.63 0.86 -0.88	55.64 1.03 -0.29	49.53 0.87 -0.22	40.41 0.60 0.00
CAITHNESS_CC_1 323624	41.89 3.62 -0.99	37.61 3.23 -0.01	34.78 3.16 -0.01	33.36 3.06 -0.01	34.14 3.07 -0.01	39.37 3.58 -0.01	50.62 4.77 -0.01	55.57 5.28 -0.01	54.49 5.22 0.00	55.24 5.43 0.00	56.18 5.34 0.00	57.79 5.54 -0.01	60.56 5.90 -0.01	59.73 5.69 -1.85	58.81 5.98 -0.35	61.42 4.82 -11.94	59.93 4.63 -12.45	61.91 4.93 -11.31	66.89 5.55 -10.48	74.35 6.91 -6.31	72.37 6.39 -0.08	58.84 4.51 -0.01	52.81 4.36 -0.01	43.04 3.22 -0.01
CALPINE BETH_PAGE_GT4 24209	41.88 3.39 -1.20	37.48 3.09 -0.01	34.66 3.03 -0.01	33.25 2.94 -0.01	34.01 2.95 -0.01	39.16 3.36 -0.01	50.25 4.40 -0.01	55.17 4.88 -0.01	54.25 4.98 0.00	55.04 5.23 0.00	56.03 5.19 0.00	57.69 5.43 -0.01	60.45 5.79 -0.01	59.42 5.38 -1.85	58.56 5.72 -0.36	60.89 4.29 -11.94	59.60 4.16 -12.60	61.52 4.43 -11.42	67.30 4.98 -11.45	75.02 6.24 -7.65	71.58 5.60 -0.09	58.41 4.07 -0.01	52.37 3.92 -0.01	43.05 3.22 -0.01
CALPINE_BETH_PAGE_GT_4 323586	41.88 3.39 -1.20	37.48 3.10 -0.01	34.66 3.04 -0.01	33.25 2.94 -0.01	34.02 2.95 -0.01	39.16 3.36 -0.01	50.21 4.36 -0.01	55.17 4.88 -0.01	54.24 4.97 0.00	55.04 5.23 0.00	56.08 5.24 0.00	57.69 5.43 -0.01	60.34 5.68 -0.01	59.42 5.38 -1.85	58.50 5.67 -0.35	60.93 4.33 -11.94	59.60 4.16 -12.60	61.56 4.48 -11.42	67.32 4.99 -11.47	74.89 6.11 -7.65	71.52 5.54 -0.09	58.46 4.13 -0.01	52.37 3.92 -0.01	42.93 3.11 -0.01
CALPINE_BP_GT1 23823	41.88 3.39 -1.20	37.48 3.10 -0.01	34.66 3.04 -0.01	33.25 2.94 -0.01	34.02 2.95 -0.01	39.16 3.36 -0.01	50.21 4.36 -0.01	55.17 4.88 -0.01	54.24 4.97 0.00	55.04 5.23 0.00	56.08 5.24 0.00	57.69 5.43 -0.01	60.34 5.68 -0.01	59.42 5.38 -1.85	58.50 5.67 -0.35	60.93 4.33 -11.94	59.60 4.16 -12.60	61.56 4.48 -11.42	67.32 4.99 -11.47	74.89 6.11 -7.65	71.52 5.54 -0.09	58.46 4.13 -0.01	52.37 3.92 -0.01	42.93 3.11 -0.01
CALSPAN___DRP 24200	35.75 -1.53 0.00	32.24 -2.13 0.00	29.94 -1.68 0.00	28.63 -1.67 0.00	29.31 -1.74 0.00	33.32 -2.47 0.00	42.22 -3.62 0.00	46.61 -3.67 0.00	45.46 -3.79 0.01	46.00 -3.98 -0.18	46.86 -3.97 0.01	48.10 -4.13 0.02	50.19 -4.48 -0.03	47.62 -4.65 -0.07	48.13 -4.36 -0.01	41.61 -3.66 -0.61	39.63 -3.81 -0.60	41.80 -3.93 -0.06	46.60 -4.63 -0.37	56.11 -5.01 0.01	61.35 -4.55 0.00	50.20 -4.13 0.00	44.46 -3.97 0.01	37.14 -2.67 0.00

CALVERTON___SOLAR 323806	42.00 3.73 -0.99	37.72 3.33 -0.01	34.88 3.26 -0.01	33.46 3.15 -0.01	34.26 3.20 -0.01	39.52 3.72 -0.01	50.76 4.91 -0.01	55.82 5.53 -0.01	54.64 5.37 0.00	55.39 5.58 0.00	56.33 5.49 0.00	57.95 5.70 -0.01	60.77 6.12 -0.01	59.94 5.90 -1.85	59.02 6.19 -0.35	61.60 5.00 -11.94	60.14 4.84 -12.45	62.14 5.16 -11.31	67.19 5.85 -10.48	74.66 7.21 -6.32	72.77 6.79 -0.08	59.17 4.83 -0.01	52.95 4.51 -0.01	43.16 3.34 -0.01
CANDIGU_WT_PWR 323617	36.57 -0.71 0.00	33.14 -1.24 0.00	30.67 -0.95 0.00	29.30 -1.00 0.00	30.06 -0.99 0.00	34.39 -1.40 0.00	44.15 -1.70 0.00	48.37 -1.91 0.00	47.22 -2.02 0.03	47.62 -2.34 -0.15	48.38 -2.44 0.03	49.45 -2.77 0.03	51.36 -3.28 0.00	49.19 -2.97 0.04	49.50 -2.94 0.04	42.86 -2.28 -0.47	41.04 -2.27 -0.47	43.44 -2.19 0.04	48.69 -2.54 -0.36	58.86 -2.26 0.01	64.05 -1.84 0.00	52.04 -2.28 0.00	46.00 -2.42 0.01	38.10 -1.71 0.00
CARR STREET_E_SYR 24060	37.21 -0.07 0.00	34.24 -0.14 0.00	31.55 -0.06 0.00	30.17 -0.12 0.00	30.96 -0.09 0.00	35.64 -0.14 0.00	45.75 -0.09 0.00	50.13 -0.15 0.00	49.13 -0.15 -0.01	50.05 -0.20 -0.43	50.70 -0.15 -0.01	52.09 -0.16 0.00	54.59 -0.16 -0.11	52.17 -0.21 -0.18	52.41 -0.10 -0.03	45.24 -0.31 -0.89	43.38 -0.34 -0.88	46.67 -0.41 -1.41	52.26 -0.35 -1.74	62.71 -0.18 -1.76	67.09 -0.33 -1.52	54.39 -0.44 -0.50	48.34 -0.48 -0.39	39.53 -0.28 0.00
CARTHAGE___PAPER 23857	36.91 -0.37 0.00	34.03 -0.34 0.00	31.33 -0.29 0.00	29.96 -0.33 0.00	30.90 -0.15 0.00	35.72 -0.07 0.00	45.89 0.05 0.00	50.64 0.35 0.00	49.31 -0.05 -0.09	53.59 -0.15 -3.92	50.93 0.00 -0.09	51.88 -0.36 0.00	55.11 -0.49 -0.96	51.88 -0.42 -0.10	52.02 -0.47 -0.02	44.87 -0.45 -0.66	42.77 -0.73 -0.65	46.71 -0.27 -1.32	52.07 -0.41 -1.62	63.26 0.18 -1.95	67.51 -0.07 -1.68	55.31 0.43 -0.55	49.21 0.34 -0.43	39.89 0.08 0.00
CASSADAGA_WT_PWR 323784	36.61 -0.67 0.00	33.14 -1.24 0.00	30.60 -1.01 0.00	29.32 -0.97 0.00	29.96 -1.09 0.00	34.11 -1.68 0.00	43.87 -1.97 0.00	47.77 -2.51 0.00	46.74 -2.51 0.02	47.34 -2.64 -0.17	48.24 -2.59 0.02	49.51 -2.72 0.02	51.44 -3.22 -0.02	49.40 -2.87 -0.07	49.63 -2.83 0.01	43.08 -2.19 -0.61	41.09 -2.36 -0.60	43.49 -2.28 -0.10	48.05 -3.20 -0.39	58.25 -2.87 0.01	63.79 -2.11 0.00	51.50 -2.83 0.00	45.67 -2.76 0.01	37.90 -1.91 0.00
CE_DUNWOOD___DRP 24194	39.85 2.87 0.00	36.71 2.34 0.00	33.95 2.34 0.00	32.57 2.27 0.00	33.29 2.24 0.00	38.36 2.58 0.00	49.46 3.62 0.00	54.31 4.02 0.00	53.51 4.24 0.00	54.39 4.58 0.00	55.52 4.68 0.00	57.11 4.86 0.00	59.95 5.30 0.00	58.99 4.96 -1.84	58.12 5.30 -0.35	60.64 4.06 -11.92	58.49 3.90 -11.74	60.61 4.16 -10.79	61.31 4.63 -5.82	66.82 5.69 0.00	70.97 5.07 0.00	57.86 3.53 0.00	51.59 3.15 0.00	42.20 2.39 0.00
CE_MILLWOOD___DRP 24193	39.78 2.50 0.00	36.64 2.27 0.00	33.89 2.28 0.00	32.51 2.21 0.00	33.23 2.17 0.00	38.33 2.54 0.00	49.33 3.48 0.00	54.21 3.92 0.00	53.36 4.09 0.00	54.24 4.43 0.00	55.37 4.52 0.00	57.00 4.75 0.00	59.84 5.19 0.00	58.88 4.85 -1.83	57.97 5.14 -0.35	60.49 3.93 -11.90	58.34 3.77 -11.72	60.50 4.06 -10.77	61.20 4.53 -5.81	66.69 5.56 0.00	70.77 4.88 0.00	57.75 3.42 0.00	51.49 3.05 0.00	42.12 2.31 0.00
CE_NYC2_DRP 24202	40.00 2.72 0.00	36.88 2.51 0.00	34.14 2.53 0.00	32.78 2.48 0.00	33.51 2.45 0.00	38.43 2.65 0.00	49.65 3.80 0.00	54.66 4.37 0.00	53.85 4.58 0.00	54.79 4.98 0.00	55.93 5.08 0.00	57.58 5.33 0.00	60.38 5.74 0.00	59.36 5.32 -1.84	58.44 5.61 -0.35	60.92 4.33 -11.93	58.75 4.16 -11.75	60.90 4.43 -10.80	61.67 4.98 -5.82	67.24 6.11 0.00	71.17 5.27 0.00	58.07 3.75 0.00	51.68 3.25 0.00	42.24 2.43 0.00
CE_NYC_DRP 24195	40.04 2.76 0.00	36.88 2.51 0.00	34.11 2.50 0.00	32.75 2.45 0.00	33.47 2.42 0.00	38.54 2.76 0.00	49.78 3.94 0.00	54.76 4.48 0.00	53.95 4.68 0.00	54.89 5.08 0.00	56.03 5.19 0.00	57.68 5.43 0.00	60.55 5.90 0.00	59.51 5.48 -1.84	58.65 5.82 -0.35	61.05 4.47 -11.93	58.88 4.28 -11.75	61.03 4.57 -10.80	61.83 5.14 -5.82	67.43 6.30 0.00	71.50 5.60 0.00	58.24 3.91 0.00	51.83 3.39 0.00	42.36 2.55 0.00
CHAFFEE___LFGE 323603	35.79 -1.49 0.00	32.31 -2.06 0.00	29.97 -1.65 0.00	28.69 -1.61 0.00	29.37 -1.68 0.00	33.39 -2.40 0.00	42.77 -3.07 0.00	46.72 -3.57 0.00	45.61 -3.65 0.01	46.10 -3.89 -0.17	47.01 -3.81 0.01	48.25 -3.97 0.02	50.13 -4.53 -0.02	48.04 -4.23 -0.07	48.27 -4.20 0.01	41.83 -3.44 -0.61	39.89 -3.56 -0.60	42.16 -3.56 -0.05	46.68 -4.58 -0.39	56.47 -4.65 0.01	61.75 -4.15 0.00	50.19 -4.13 0.00	44.51 -3.92 0.01	37.02 -2.79 0.00
CHATEAUG_35_KV_LOAD 355732	36.27 -1.01 0.00	33.62 -0.76 0.00	31.08 -0.54 0.00	29.87 -0.42 0.00	30.68 -0.37 0.00	35.43 -0.36 0.00	45.47 -0.37 0.00	50.03 -0.25 0.00	49.01 -0.25 0.01	48.88 -0.30 0.64	50.47 -0.36 0.01	51.72 -0.52 0.00	53.94 -0.55 0.16	51.78 -0.42 0.00	51.85 -0.63 0.00	44.22 -0.45 0.00	42.59 -0.26 0.00	45.53 -0.14 0.00	50.66 -0.20 0.00	60.52 -0.61 0.00	65.77 -0.13 0.00	54.38 0.05 0.00	48.34 -0.10 0.00	39.61 -0.20 0.00
CHATEAUG_WT_PWR 323614	36.24 -1.04 0.00	33.59 -0.79 0.00	31.04 -0.57 0.00	29.87 -0.42 0.00	30.68 -0.37 0.00	35.39 -0.39 0.00	45.43 -0.41 0.00	50.03 -0.25 0.00	49.11 -0.15 0.01	49.03 -0.15 0.64	50.57 -0.25 0.01	51.88 -0.36 0.00	54.11 -0.38 0.16	51.83 -0.36 0.00	52.00 -0.47 0.00	44.35 -0.31 0.00	42.64 -0.21 0.00	45.53 -0.14 0.00	50.61 -0.25 0.00	60.52 -0.61 0.00	65.70 -0.20 0.00	54.32 0.00 0.00	48.29 -0.14 0.00	39.61 -0.20 0.00
CHAT_HIGH_FALL_HYD 323578	36.27 -1.01 0.00	33.62 -0.76 0.00	31.08 -0.54 0.00	29.87 -0.42 0.00	30.68 -0.37 0.00	35.43 -0.36 0.00	45.47 -0.37 0.00	50.03 -0.25 0.00	49.01 -0.25 0.01	48.88 -0.30 0.64	50.47 -0.36 0.01	51.72 -0.52 0.00	53.94 -0.55 0.16	51.78 -0.42 0.00	51.85 -0.63 0.00	44.22 -0.45 0.00	42.59 -0.26 0.00	45.53 -0.14 0.00	50.66 -0.20 0.00	60.52 -0.61 0.00	65.77 -0.13 0.00	54.38 0.05 0.00	48.34 -0.10 0.00	39.61 -0.20 0.00
CHAUTAUQUA___LFGE 323629	36.50 -0.78 0.00	32.96 -1.41 0.00	30.54 -1.07 0.00	29.21 -1.09 0.00	29.87 -1.18 0.00	34.00 -1.79 0.00	43.64 -2.20 0.00	47.62 -2.67 0.00	46.45 -2.81 0.01	46.89 -3.09 -0.17	47.83 -3.00 0.01	49.04 -3.19 0.02	51.00 -3.66 -0.02	48.82 -3.45 -0.07	49.06 -3.41 0.01	42.50 -2.77 -0.61	40.57 -2.87 -0.60	42.93 -2.79 -0.05	47.69 -3.56 -0.39	57.82 -3.30 0.01	63.26 -2.64 0.00	51.23 -3.09 0.00	45.42 -3.00 0.01	37.74 -2.07 0.00
CHERRYST_13_KV_LD 356241	40.15 2.87 0.00	36.99 2.61 0.00	34.20 2.59 0.00	32.84 2.54 0.00	33.54 2.48 0.00	38.65 2.86 0.00	49.92 4.08 0.00	54.91 4.63 0.00	54.15 4.88 0.00	55.09 5.28 0.00	56.23 5.39 0.00	57.89 5.64 0.00	60.77 6.12 0.00	59.72 5.69 -1.84	58.86 6.03 -0.35	61.23 4.64 -11.93	59.05 4.46 -11.75	61.21 4.75 -10.80	61.98 5.29 -5.82	67.61 6.48 0.00	71.70 5.80 0.00	58.40 4.07 0.00	51.97 3.54 0.00	42.48 2.67 0.00

CHESTROR_138KV_BK263 355645	39.41 2.13 0.00	36.30 1.93 0.00	33.54 1.93 0.00	32.17 1.88 0.00	32.92 1.86 0.00	37.93 2.15 0.00	48.82 2.98 0.00	53.60 3.32 0.00	52.72 3.45 0.00	53.50 3.69 0.00	54.60 3.76 0.00	56.22 3.97 0.00	58.96 4.32 0.00	58.03 4.07 -1.76	57.11 4.30 -0.33	59.39 3.26 -11.47	57.27 3.13 -11.30	59.45 3.38 -10.41	60.26 3.76 -5.64	65.78 4.65 0.00	70.05 4.15 0.00	57.20 2.88 0.00	50.96 2.52 0.00	41.76 1.95 0.00
CH_MIDHUDSON___DRP 24192	39.67 2.39 0.00	36.58 2.20 0.00	33.79 2.18 0.00	32.42 2.12 0.00	33.13 2.08 0.00	38.18 2.40 0.00	49.14 3.30 0.00	53.95 3.67 0.00	53.11 3.84 0.00	53.90 4.08 0.00	55.01 4.17 0.00	56.64 4.39 0.00	59.45 4.81 0.00	58.57 4.49 -1.88	57.56 4.72 -0.36	60.37 3.53 -12.18	58.23 3.39 -11.99	60.34 3.65 -11.02	60.84 4.02 -5.95	66.08 4.95 0.00	70.38 4.48 0.00	57.53 3.21 0.00	51.29 2.86 0.00	42.00 2.19 0.00
CH_MISC_IPPS 23765	39.93 2.65 0.00	36.78 2.41 0.00	34.01 2.40 0.00	32.60 2.30 0.00	33.32 2.27 0.00	38.43 2.65 0.00	49.37 3.53 0.00	54.31 4.02 0.00	53.45 4.19 0.00	54.24 4.43 0.00	55.42 4.58 0.00	57.00 4.75 0.00	59.84 5.19 0.00	58.92 4.86 -1.87	57.81 4.99 -0.35	60.63 3.84 -12.12	58.48 3.69 -11.94	60.57 3.93 -10.98	61.10 4.27 -5.96	66.39 5.26 0.00	70.90 5.01 0.00	57.91 3.58 0.00	51.63 3.20 0.00	42.16 2.35 0.00
CH_RES_BVR_FALLS 23983	36.95 -0.34 0.00	34.10 -0.28 0.00	31.42 -0.19 0.00	30.14 -0.15 0.00	30.90 -0.15 0.00	35.61 -0.18 0.00	45.61 -0.23 0.00	50.08 -0.20 0.00	49.07 -0.20 0.01	49.41 -0.15 0.26	50.63 -0.20 0.01	52.04 -0.21 0.00	54.37 -0.22 0.06	51.99 -0.21 0.00	52.22 -0.26 0.00	44.48 -0.18 0.00	42.68 -0.17 0.00	45.53 -0.14 0.00	50.66 -0.20 0.00	60.83 -0.30 0.00	65.63 -0.26 0.00	54.16 -0.16 0.00	48.24 -0.19 0.00	39.61 -0.20 0.00
CH_RES_NIAGARA 23895	34.76 -2.50 0.02	31.32 -3.06 0.00	29.05 -2.56 0.00	27.81 -2.48 0.00	28.44 -2.61 0.00	32.32 -3.47 0.00	40.75 -5.09 0.00	45.26 -5.03 0.00	43.79 -5.47 0.01	43.78 -6.18 -0.15	44.73 -6.10 0.01	45.86 -6.37 0.02	47.65 -6.99 0.00	45.10 -7.15 -0.05	45.69 -6.77 0.02	39.49 -5.76 -0.59	37.73 -5.70 -0.58	39.61 -6.07 -0.01	44.47 -6.76 -0.37	53.91 -7.21 0.01	58.91 -6.99 0.00	48.57 -5.76 0.00	43.00 -5.42 0.01	35.99 -3.82 0.00
CH_RES_SYRACUSE 23985	37.39 0.11 0.00	34.38 0.00 0.00	31.68 0.06 0.00	30.30 0.00 0.00	31.08 0.03 0.00	35.82 0.04 0.00	45.93 0.09 0.00	50.38 0.10 0.00	49.33 0.05 -0.01	50.18 0.00 -0.37	50.90 0.05 -0.01	52.30 0.05 0.00	54.79 0.05 -0.09	52.39 0.00 -0.20	52.62 0.11 -0.04	45.45 -0.13 -0.92	43.63 -0.13 -0.91	47.35 -0.18 -1.87	53.10 -0.15 -2.38	64.01 0.12 -2.75	68.28 0.00 -2.38	54.89 -0.22 -0.78	48.75 -0.29 -0.60	39.69 -0.12 0.00
CLINTON_WT_PWR 323605	36.24 -1.04 0.00	33.59 -0.79 0.00	31.04 -0.57 0.00	29.87 -0.42 0.00	30.68 -0.37 0.00	35.39 -0.39 0.00	45.43 -0.41 0.00	50.03 -0.25 0.00	49.11 -0.15 0.01	49.03 -0.15 0.64	50.57 -0.25 0.01	51.88 -0.36 0.00	54.11 -0.38 0.16	51.83 -0.36 0.00	52.00 -0.47 0.00	44.35 -0.31 0.00	42.64 -0.21 0.00	45.53 -0.14 0.00	50.61 -0.25 0.00	60.52 -0.61 0.00	65.70 -0.20 0.00	54.32 0.00 0.00	48.29 -0.14 0.00	39.61 -0.20 0.00
CLINTON___LFGE 323618	36.68 -0.60 0.00	34.00 -0.38 0.00	31.42 -0.19 0.00	30.23 -0.06 0.00	31.05 0.00 0.00	35.86 0.07 0.00	46.12 0.28 0.00	50.89 0.61 0.00	49.89 0.64 0.01	49.67 0.50 0.64	51.23 0.40 0.01	52.51 0.26 0.00	54.76 0.27 0.16	52.51 0.32 0.00	52.69 0.21 0.00	44.89 0.22 0.00	43.28 0.43 0.00	46.31 0.64 0.00	51.42 0.56 0.00	61.50 0.37 0.00	66.69 0.79 0.00	55.08 0.76 0.00	48.92 0.48 0.00	40.05 0.24 0.00
COBBLENY_34_KV_TB1 80064	35.79 -1.49 0.00	32.28 -2.10 0.00	29.97 -1.64 0.00	28.69 -1.61 0.00	29.38 -1.68 0.00	33.39 -2.40 0.00	42.36 -3.48 0.00	46.71 -3.57 0.00	45.61 -3.65 0.01	46.20 -3.79 -0.17	47.01 -3.81 0.01	48.31 -3.92 0.02	50.46 -4.21 -0.03	47.94 -4.33 -0.07	48.39 -4.09 0.00	41.83 -3.44 -0.61	39.85 -3.60 -0.60	42.07 -3.65 -0.05	46.75 -4.48 -0.36	56.17 -4.95 0.01	61.48 -4.42 0.00	50.25 -4.07 0.00	44.50 -3.92 0.01	37.14 -2.67 0.00
COFFEEN___115KV_TB3 355620	37.39 0.11 0.00	34.41 0.03 0.00	31.71 0.09 0.00	30.30 0.00 0.00	31.27 0.22 0.00	36.14 0.36 0.00	46.48 0.64 0.00	51.34 1.06 0.00	49.84 0.49 -0.08	53.41 0.35 -3.25	51.43 0.51 -0.08	52.35 0.10 0.00	55.39 -0.05 -0.80	52.36 0.05 -0.11	52.55 0.05 -0.02	45.40 0.00 -0.73	43.27 -0.30 -0.72	47.42 0.23 -1.52	52.66 -0.10 -1.89	64.30 0.86 -2.32	68.36 0.46 -2.00	55.85 0.87 -0.66	49.62 0.68 -0.51	40.17 0.36 0.00
COLDSPRG_115KV_BK1 355956	36.57 -0.71 0.00	33.07 -1.31 0.00	30.66 -0.95 0.00	29.36 -0.94 0.00	30.03 -1.02 0.00	34.21 -1.57 0.00	43.69 -2.15 0.00	47.82 -2.46 0.00	46.99 -2.27 0.02	47.99 -1.99 -0.17	48.79 -2.03 0.02	50.19 -2.04 0.02	52.64 -2.02 -0.02	50.34 -1.93 -0.07	50.48 -1.99 0.00	43.62 -1.65 -0.61	41.43 -2.01 -0.60	44.07 -1.69 -0.09	48.57 -2.64 -0.35	58.00 -3.12 0.01	63.66 -2.24 0.00	51.55 -2.77 0.00	45.67 -2.76 0.01	38.06 -1.75 0.00
COLONIE_LFGE___ 323577	38.88 1.60 0.00	35.96 1.58 0.00	33.16 1.55 0.00	31.78 1.48 0.00	32.51 1.46 0.00	37.54 1.75 0.00	47.91 2.06 0.00	52.55 2.26 0.00	51.49 2.22 0.00	52.05 2.24 0.00	53.20 2.34 -0.02	55.24 2.56 -0.43	58.44 2.62 -1.17	59.55 2.66 -4.69	55.56 2.67 -0.41	60.41 2.32 -13.43	58.30 2.23 -13.23	60.09 2.33 -12.10	60.14 2.54 -6.73	64.12 2.99 0.00	68.20 2.31 0.00	56.34 2.01 0.00	50.47 2.03 0.00	41.40 1.59 0.00
COOPERNY_115KV_TB1 80082	39.07 1.79 0.00	36.03 1.65 0.00	33.26 1.64 0.00	31.90 1.61 0.00	32.64 1.58 0.00	37.65 1.86 0.00	48.50 2.66 0.00	53.25 2.97 0.00	52.37 3.10 0.00	53.15 3.34 0.00	54.25 3.41 0.00	55.80 3.55 0.00	58.53 3.88 0.00	57.42 3.65 -1.56	56.65 3.88 -0.29	57.72 2.99 -10.07	55.64 2.87 -9.92	57.97 3.11 -9.20	59.02 3.26 -4.90	65.17 4.03 0.00	69.39 3.49 0.00	56.77 2.44 0.00	50.62 2.18 0.00	41.48 1.67 0.00
COPENHAGEN_WT_PWR 323753	37.13 -0.15 0.00	34.20 -0.17 0.00	31.49 -0.13 0.00	30.08 -0.21 0.00	31.02 -0.03 0.00	35.82 0.04 0.00	46.07 0.23 0.00	50.79 0.50 0.00	49.39 0.05 -0.07	52.84 -0.05 -3.07	51.01 0.10 -0.07	52.04 -0.21 0.00	55.07 -0.33 -0.75	52.05 -0.26 -0.12	52.24 -0.26 -0.02	45.11 -0.31 -0.75	42.99 -0.60 -0.74	47.06 -0.18 -1.58	52.48 -0.35 -1.97	63.98 0.43 -2.42	68.12 0.13 -2.09	55.50 0.49 -0.69	49.35 0.39 -0.53	40.01 0.20 0.00
CORNELL_____ 23752	38.21 0.93 0.00	35.06 0.69 0.00	32.34 0.73 0.00	30.93 0.64 0.00	31.77 0.71 0.00	36.61 0.82 0.00	46.99 1.15 0.00	51.79 1.51 0.00	50.70 1.38 -0.05	51.44 1.30 -0.33	52.12 1.22 -0.05	53.39 1.10 -0.05	55.84 1.04 -0.15	54.23 0.94 -1.09	53.86 1.15 -0.23	47.21 0.76 -1.79	45.34 0.73 -1.76	48.65 0.96 -2.03	54.05 1.22 -1.97	64.35 1.90 -1.32	68.82 1.78 -1.15	55.95 1.25 -0.38	49.64 0.92 -0.29	40.61 0.80 0.00

CORONA__69_KV_TB1 355595	42.53 3.21 -2.04	37.35 2.96 -0.02	34.54 2.91 -0.02	33.16 2.85 -0.02	33.87 2.79 -0.02	38.99 3.19 -0.02	50.21 4.35 -0.02	55.23 4.93 -0.02	54.29 5.03 0.00	55.14 5.33 0.00	56.18 5.34 0.00	57.80 5.54 -0.02	60.62 5.96 -0.02	59.58 5.53 -1.86	58.67 5.82 -0.37	61.12 4.51 -11.95	60.37 4.33 -13.19	62.18 4.66 -11.85	71.40 5.19 -15.35	80.57 6.48 -12.96	71.91 5.86 -0.15	58.53 4.18 -0.02	52.33 3.87 -0.02	42.90 3.07 -0.02
CORTLAND__115KV_TB3 80093	37.95 0.67 0.00	34.89 0.52 0.00	32.18 0.57 0.00	30.78 0.48 0.00	31.61 0.56 0.00	36.43 0.64 0.00	46.76 0.92 0.00	51.39 1.11 0.00	50.33 1.03 -0.02	51.13 0.95 -0.38	51.83 0.97 -0.02	53.20 0.94 -0.01	55.63 0.87 -0.11	53.60 0.84 -0.57	53.58 1.00 -0.11	47.21 0.71 -1.83	45.29 0.64 -1.80	48.57 0.73 -2.17	53.91 0.92 -2.13	64.08 1.41 -1.54	68.48 1.25 -1.33	55.58 0.81 -0.44	49.40 0.63 -0.34	40.37 0.56 0.00
COXSACKIE__GT 23611	39.52 2.24 0.00	36.44 2.06 0.00	33.64 2.02 0.00	32.14 1.85 0.00	32.88 1.83 0.00	37.97 2.18 0.00	48.55 2.70 0.00	53.20 2.92 0.00	52.03 2.76 0.00	52.30 2.49 0.00	53.21 2.39 0.02	54.31 2.66 0.60	55.81 2.79 1.63	53.34 2.66 1.52	55.11 2.25 -0.38	59.46 1.65 -13.15	57.43 1.63 -12.95	59.46 1.87 -11.92	59.54 2.19 -6.49	64.43 3.30 0.00	69.32 3.42 0.00	56.93 2.61 0.00	50.91 2.47 0.00	41.88 2.07 0.00
CPV_VALLEY__CC1 323721	39.18 1.90 0.00	36.09 1.72 0.00	33.35 1.74 0.00	31.99 1.70 0.00	32.73 1.68 0.00	37.72 1.93 0.00	48.41 2.57 0.00	53.25 2.97 0.00	52.37 3.11 0.00	53.15 3.34 0.00	54.30 3.46 0.00	55.85 3.60 0.00	58.53 3.88 0.00	57.60 3.71 -1.70	56.73 3.94 -0.32	58.75 2.99 -11.09	56.69 2.92 -10.93	58.86 3.11 -10.08	59.75 3.41 -5.47	65.29 4.16 0.00	69.52 3.62 0.00	56.82 2.50 0.00	50.67 2.23 0.00	41.44 1.63 0.00
CPV_VALLEY__CC2 323722	39.18 1.90 0.00	36.09 1.72 0.00	33.35 1.74 0.00	31.99 1.70 0.00	32.73 1.68 0.00	37.72 1.93 0.00	48.41 2.57 0.00	53.25 2.97 0.00	52.37 3.11 0.00	53.15 3.34 0.00	54.30 3.46 0.00	55.85 3.60 0.00	58.53 3.88 0.00	57.60 3.71 -1.70	56.73 3.94 -0.32	58.75 2.99 -11.09	56.69 2.92 -10.93	58.86 3.11 -10.08	59.75 3.41 -5.47	65.29 4.16 0.00	69.52 3.62 0.00	56.82 2.50 0.00	50.67 2.23 0.00	41.44 1.63 0.00
CRESCENT__HYD 24018	38.88 1.60 0.00	35.96 1.58 0.00	33.16 1.55 0.00	31.78 1.48 0.00	32.51 1.46 0.00	37.54 1.75 0.00	47.91 2.06 0.00	52.55 2.26 0.00	51.49 2.22 0.00	52.05 2.24 0.00	53.20 2.34 -0.02	55.24 2.56 -0.43	58.44 2.62 -1.17	59.55 2.66 -4.69	55.56 2.67 -0.41	60.41 2.32 -13.43	58.30 2.23 -13.23	60.09 2.33 -12.10	60.14 2.54 -6.73	64.12 2.99 0.00	68.20 2.31 0.00	56.34 2.01 0.00	50.47 2.03 0.00	41.40 1.59 0.00
CRICKET__VALLEY_CC1 323756	39.29 2.01 0.00	36.30 1.92 0.00	33.57 1.96 0.00	32.17 1.88 0.00	32.92 1.86 0.00	37.90 2.11 0.00	48.59 2.75 0.00	53.45 3.17 0.00	52.62 3.35 0.00	53.40 3.59 0.00	54.55 3.71 0.00	56.17 3.92 0.00	58.80 4.15 0.00	58.10 4.02 -1.89	57.13 4.30 -0.35	60.12 3.22 -12.24	58.04 3.13 -12.06	60.03 3.29 -11.07	60.49 3.61 -6.01	65.47 4.34 0.00	69.59 3.69 0.00	56.99 2.66 0.00	50.86 2.42 0.00	41.52 1.71 0.00
CRICKET__VALLEY_CC2 323757	39.29 2.01 0.00	36.30 1.92 0.00	33.57 1.96 0.00	32.17 1.88 0.00	32.92 1.86 0.00	37.90 2.11 0.00	48.59 2.75 0.00	53.45 3.17 0.00	52.62 3.35 0.00	53.40 3.59 0.00	54.55 3.71 0.00	56.17 3.92 0.00	58.80 4.15 0.00	58.10 4.02 -1.89	57.13 4.30 -0.35	60.12 3.22 -12.24	58.04 3.13 -12.06	60.03 3.29 -11.07	60.49 3.61 -6.01	65.47 4.34 0.00	69.59 3.69 0.00	56.99 2.66 0.00	50.86 2.42 0.00	41.52 1.71 0.00
CRICKET__VALLEY_CC3 323758	39.29 2.01 0.00	36.30 1.92 0.00	33.57 1.96 0.00	32.17 1.88 0.00	32.92 1.86 0.00	37.90 2.11 0.00	48.59 2.75 0.00	53.45 3.17 0.00	52.62 3.35 0.00	53.40 3.59 0.00	54.55 3.71 0.00	56.17 3.92 0.00	58.80 4.15 0.00	58.10 4.02 -1.89	57.13 4.30 -0.35	60.12 3.22 -12.24	58.04 3.13 -12.06	60.03 3.29 -11.07	60.49 3.61 -6.01	65.47 4.34 0.00	69.59 3.69 0.00	56.99 2.66 0.00	50.86 2.42 0.00	41.52 1.71 0.00
CRUCIBLE__METL_DRP 24180	37.39 0.11 0.00	34.38 0.00 0.00	31.68 0.06 0.00	30.30 0.00 0.00	31.08 0.03 0.00	35.82 0.04 0.00	45.89 0.05 0.00	50.38 0.10 0.00	49.33 0.05 -0.01	50.18 0.00 -0.37	50.90 0.05 -0.01	52.30 0.05 0.00	54.74 0.00 -0.09	52.34 -0.05 -0.20	52.57 0.05 -0.04	45.50 -0.09 -0.92	43.63 -0.13 -0.91	47.35 -0.18 -1.87	53.09 -0.15 -2.38	64.01 0.12 -2.75	68.21 -0.07 -2.38	54.89 -0.22 -0.78	48.75 -0.29 -0.60	39.65 -0.16 0.00
DAHOWA__HYDRO 323763	39.52 2.24 0.00	36.47 2.10 0.00	33.61 1.99 0.00	32.17 1.88 0.00	32.92 1.86 0.00	38.04 2.26 0.00	48.68 2.84 0.00	53.35 3.07 0.00	52.32 3.06 0.00	52.90 3.09 0.00	54.16 3.30 -0.01	56.07 3.50 -0.33	59.20 3.66 -0.89	59.84 3.55 -4.09	56.29 3.41 -0.41	61.11 2.90 -13.55	58.89 2.70 -13.34	60.75 2.88 -12.21	60.77 3.10 -6.80	64.86 3.73 0.00	69.13 3.23 0.00	57.20 2.88 0.00	51.20 2.76 0.00	42.04 2.23 0.00
DANC__LFGE 323619	37.06 -0.22 0.00	34.10 -0.28 0.00	31.42 -0.19 0.00	30.02 -0.27 0.00	30.93 -0.12 0.00	35.61 -0.18 0.00	45.70 -0.14 0.00	50.28 0.00 0.00	49.02 -0.29 -0.05	51.56 -0.35 -2.09	50.64 -0.25 -0.05	51.78 -0.47 0.00	54.61 -0.55 -0.51	51.81 -0.52 -0.14	52.03 -0.47 -0.03	44.79 -0.53 -0.66	42.73 -0.77 -0.65	46.73 -0.55 -1.61	52.59 -0.66 -2.39	63.97 -0.12 -2.96	68.00 -0.46 -2.56	55.06 -0.11 -0.84	48.94 -0.14 -0.65	39.69 -0.12 0.00
DANSKAMMER__1 23586	39.93 2.65 0.00	36.78 2.41 0.00	34.01 2.40 0.00	32.60 2.30 0.00	33.32 2.27 0.00	38.43 2.65 0.00	49.37 3.53 0.00	54.31 4.02 0.00	53.45 4.19 0.00	54.24 4.43 0.00	55.42 4.58 0.00	57.00 4.75 0.00	59.84 5.19 0.00	58.92 4.86 -1.87	57.81 4.99 -0.35	60.63 3.84 -12.12	58.48 3.69 -11.94	60.57 3.93 -10.98	61.10 4.27 -5.96	66.39 5.26 0.00	70.90 5.01 0.00	57.91 3.58 0.00	51.63 3.20 0.00	42.16 2.35 0.00
DANSKAMMER__2 23589	39.93 2.65 0.00	36.78 2.41 0.00	34.01 2.40 0.00	32.60 2.30 0.00	33.32 2.27 0.00	38.43 2.65 0.00	49.37 3.53 0.00	54.31 4.02 0.00	53.45 4.19 0.00	54.24 4.43 0.00	55.42 4.58 0.00	57.00 4.75 0.00	59.84 5.19 0.00	58.92 4.86 -1.87	57.81 4.99 -0.35	60.63 3.84 -12.12	58.48 3.69 -11.94	60.57 3.93 -10.98	61.10 4.27 -5.96	66.39 5.26 0.00	70.90 5.01 0.00	57.91 3.58 0.00	51.63 3.20 0.00	42.16 2.35 0.00
DANSKAMMER__3 23590	39.93 2.65 0.00	36.78 2.41 0.00	34.01 2.40 0.00	32.60 2.30 0.00	33.32 2.27 0.00	38.43 2.65 0.00	49.37 3.53 0.00	54.31 4.02 0.00	53.45 4.19 0.00	54.24 4.43 0.00	55.42 4.58 0.00	57.00 4.75 0.00	59.84 5.19 0.00	58.92 4.86 -1.87	57.81 4.99 -0.35	60.63 3.84 -12.12	58.48 3.69 -11.94	60.57 3.93 -10.98	61.10 4.27 -5.96	66.39 5.26 0.00	70.90 5.01 0.00	57.91 3.58 0.00	51.63 3.20 0.00	42.16 2.35 0.00

DANSKAMMER___4 23591	39.93 2.65 0.00	36.78 2.41 0.00	34.01 2.40 0.00	32.60 2.30 0.00	33.32 2.27 0.00	38.43 2.65 0.00	49.37 3.53 0.00	54.31 4.02 0.00	53.45 4.19 0.00	54.24 4.43 0.00	55.42 4.58 0.00	57.00 4.75 0.00	59.84 5.19 0.00	58.92 4.86 -1.87	57.81 4.99 -0.35	60.63 3.84 -12.12	58.48 3.69 -11.94	60.57 3.93 -10.98	61.10 4.27 -5.96	66.39 5.26 0.00	70.90 5.01 0.00	57.91 3.58 0.00	51.63 3.20 0.00	42.16 2.35 0.00
DANSKAMMER___DIESEL 23592	39.93 2.65 0.00	36.78 2.41 0.00	34.02 2.40 0.00	32.60 2.30 0.00	33.32 2.27 0.00	38.43 2.65 0.00	49.42 3.58 0.00	54.31 4.02 0.00	53.46 4.19 0.00	54.29 4.48 0.00	55.37 4.52 0.00	57.00 4.75 0.00	59.89 5.25 0.00	58.92 4.85 -1.87	57.82 4.99 -0.35	60.58 3.80 -12.12	58.43 3.64 -11.94	60.53 3.88 -10.98	61.06 4.27 -5.93	66.45 5.32 0.00	70.91 5.01 0.00	57.91 3.59 0.00	51.63 3.20 0.00	42.24 2.43 0.00
DARBY___SOLAR 323810	39.41 2.12 0.00	36.40 2.03 0.00	33.51 1.90 0.00	32.11 1.82 0.00	32.82 1.77 0.00	37.93 2.15 0.00	48.55 2.70 0.00	53.20 2.92 0.00	52.18 2.91 0.00	52.75 2.94 0.00	54.01 3.15 -0.01	55.94 3.35 -0.34	59.08 3.50 -0.93	59.77 3.39 -4.18	56.19 3.31 -0.41	61.00 2.82 -13.53	58.79 2.61 -13.32	60.64 2.79 -12.19	60.65 3.00 -6.79	64.74 3.61 0.00	68.93 3.03 0.00	57.04 2.72 0.00	51.05 2.61 0.00	41.92 2.11 0.00
DASHVILLE___HYD 23610	39.67 2.39 0.00	36.54 2.17 0.00	33.79 2.18 0.00	32.39 2.09 0.00	33.10 2.05 0.00	38.15 2.36 0.00	49.00 3.16 0.00	53.80 3.52 0.00	52.91 3.65 0.00	53.65 3.84 0.00	54.70 3.86 0.01	56.39 4.28 0.14	58.95 4.70 0.39	57.56 4.33 -1.03	57.03 4.20 -0.36	59.73 2.86 -12.21	57.62 2.74 -12.03	59.76 3.01 -11.08	60.14 3.31 -5.97	65.78 4.65 0.00	70.25 4.35 0.00	57.42 3.10 0.00	51.25 2.81 0.00	42.00 2.19 0.00
DELAWARE___LFGE 323621	38.70 1.42 0.00	35.65 1.27 0.00	32.88 1.26 0.00	31.51 1.21 0.00	32.29 1.24 0.00	37.22 1.43 0.00	49.37 3.53 0.00	54.46 4.17 0.00	53.22 3.94 -0.01	53.81 3.98 -0.01	55.07 4.22 -0.01	56.43 4.13 -0.05	59.10 4.32 -0.14	57.31 4.28 -0.83	56.87 4.30 -0.09	52.07 3.62 -3.79	49.58 3.00 -3.73	53.24 3.52 -4.06	55.21 2.29 -2.06	64.82 2.93 -0.75	69.05 2.50 -0.65	56.44 1.90 -0.21	50.40 1.79 -0.17	41.16 1.35 0.00
DERFIELD_115KV_TB7 355931	37.47 0.19 0.00	34.55 0.17 0.00	31.83 0.22 0.00	30.51 0.21 0.00	31.24 0.19 0.00	36.04 0.25 0.00	46.12 0.28 0.00	50.59 0.30 0.00	49.57 0.30 -0.01	50.39 0.30 -0.28	51.15 0.31 -0.01	52.56 0.31 0.00	55.04 0.33 -0.07	52.51 0.31 0.00	52.84 0.37 0.00	44.93 0.27 0.00	43.11 0.26 0.00	45.94 0.27 0.00	51.17 0.31 0.00	61.56 0.43 0.00	66.09 0.20 0.00	54.49 0.16 0.00	48.63 0.19 0.00	39.93 0.12 0.00
DOGLEVILLE___HYD 23807	38.81 1.53 0.00	35.89 1.51 0.00	33.10 1.49 0.00	31.75 1.45 0.00	32.54 1.49 0.00	37.50 1.72 0.00	48.00 2.15 0.00	52.50 2.21 0.00	51.34 2.07 -0.01	52.33 2.24 -0.28	53.29 2.44 -0.01	54.65 2.40 0.00	56.90 2.19 -0.07	54.28 2.09 0.00	54.58 2.10 0.00	46.45 1.79 0.00	44.43 1.59 0.00	47.36 1.69 0.00	52.59 1.73 0.00	63.33 2.20 0.00	67.87 1.98 0.00	55.79 1.47 0.00	49.65 1.21 0.00	40.61 0.80 0.00
DUNKIRK___115KV_TB_200 55889	36.46 -0.82 0.00	32.90 -1.48 0.00	30.51 -1.11 0.00	29.17 -1.12 0.00	29.87 -1.18 0.00	34.00 -1.79 0.00	43.23 -2.61 0.00	47.57 -2.72 0.00	46.40 -2.86 0.01	46.94 -3.04 -0.17	47.78 -3.05 0.01	49.04 -3.19 0.02	51.23 -3.44 -0.03	48.66 -3.60 -0.07	49.12 -3.36 0.00	42.41 -2.86 -0.61	40.49 -2.96 -0.60	42.80 -2.92 -0.05	47.72 -3.51 -0.36	57.51 -3.61 0.01	62.93 -2.97 0.00	51.28 -3.04 0.00	45.38 -3.05 0.01	37.86 -1.95 0.00
DUNKIRK___1 23563	36.46 -0.82 0.00	32.90 -1.48 0.00	30.51 -1.11 0.00	29.17 -1.12 0.00	29.87 -1.18 0.00	34.00 -1.79 0.00	43.23 -2.61 0.00	47.57 -2.72 0.00	46.40 -2.86 0.01	46.94 -3.04 -0.17	47.78 -3.05 0.01	49.04 -3.19 0.02	51.23 -3.44 -0.03	48.66 -3.60 -0.07	49.12 -3.36 0.00	42.41 -2.86 -0.61	40.49 -2.96 -0.60	42.80 -2.92 -0.05	47.72 -3.51 -0.36	57.51 -3.61 0.01	62.93 -2.97 0.00	51.28 -3.04 0.00	45.38 -3.05 0.01	37.86 -1.95 0.00
DUNKIRK___2 23564	36.46 -0.82 0.00	32.90 -1.48 0.00	30.51 -1.11 0.00	29.17 -1.12 0.00	29.87 -1.18 0.00	34.00 -1.79 0.00	43.23 -2.61 0.00	47.57 -2.72 0.00	46.40 -2.86 0.01	46.94 -3.04 -0.17	47.78 -3.05 0.01	49.04 -3.19 0.02	51.23 -3.44 -0.03	48.66 -3.60 -0.07	49.12 -3.36 0.00	42.41 -2.86 -0.61	40.49 -2.96 -0.60	42.80 -2.92 -0.05	47.72 -3.51 -0.36	57.51 -3.61 0.01	62.93 -2.97 0.00	51.28 -3.04 0.00	45.38 -3.05 0.01	37.86 -1.95 0.00
DUNKIRK___3 23565	36.20 -1.08 0.00	32.69 -1.68 0.00	30.28 -1.33 0.00	28.99 -1.30 0.00	29.65 -1.40 0.00	33.78 -2.00 0.00	42.91 -2.93 0.00	47.27 -3.02 0.00	46.10 -3.15 0.01	46.65 -3.34 -0.17	47.52 -3.30 0.01	48.78 -3.45 0.02	50.90 -3.77 -0.02	48.46 -3.81 -0.07	48.86 -3.62 0.00	42.18 -3.08 -0.60	40.27 -3.17 -0.59	42.52 -3.20 -0.05	47.41 -3.81 -0.37	57.09 -4.03 0.01	62.47 -3.43 0.00	50.96 -3.37 0.00	45.09 -3.34 0.01	37.62 -2.19 0.00
DUNKIRK___4 23566	36.20 -1.08 0.00	32.69 -1.68 0.00	30.28 -1.33 0.00	28.99 -1.30 0.00	29.65 -1.40 0.00	33.78 -2.00 0.00	42.91 -2.93 0.00	47.27 -3.02 0.00	46.10 -3.15 0.01	46.65 -3.34 -0.17	47.52 -3.30 0.01	48.78 -3.45 0.02	50.90 -3.77 -0.02	48.46 -3.81 -0.07	48.86 -3.62 0.00	42.18 -3.08 -0.60	40.27 -3.17 -0.59	42.52 -3.20 -0.05	47.41 -3.81 -0.37	57.09 -4.03 0.01	62.47 -3.43 0.00	50.96 -3.37 0.00	45.09 -3.34 0.01	37.62 -2.19 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	39.89 2.61 0.00	36.75 2.37 0.00	33.98 2.37 0.00	32.60 2.30 0.00	33.32 2.27 0.00	38.43 2.65 0.00	49.55 3.71 0.00	54.46 4.17 0.00	53.65 4.38 0.00	54.54 4.73 0.00	55.67 4.83 0.00	57.31 5.07 0.00	60.11 5.46 0.00	59.15 5.12 -1.84	58.28 5.46 -0.35	60.79 4.20 -11.93	58.62 4.03 -11.75	60.76 4.29 -10.80	61.47 4.78 -5.82	67.00 5.87 0.00	71.17 5.27 0.00	58.02 3.69 0.00	51.68 3.25 0.00	42.24 2.43 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	39.97 2.68 0.00	36.82 2.44 0.00	34.02 2.40 0.00	32.60 2.30 0.00	33.32 2.27 0.00	38.43 2.65 0.00	49.46 3.62 0.00	54.31 4.02 0.00	53.51 4.24 0.00	54.24 4.43 0.00	55.37 4.52 0.00	56.93 4.70 0.02	59.78 5.19 0.06	58.74 4.80 -1.74	57.76 4.93 -0.35	60.49 3.75 -12.08	58.35 3.60 -11.90	60.49 3.88 -10.94	61.04 4.27 -5.90	66.45 5.32 0.00	70.97 5.07 0.00	57.96 3.64 0.00	51.63 3.20 0.00	42.28 2.47 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	39.89 2.61 0.00	36.82 2.44 0.00	34.17 2.56 0.00	32.78 2.48 0.00	33.47 2.42 0.00	38.29 2.51 0.00	49.42 3.58 0.00	54.41 4.12 0.00	53.60 4.34 0.00	54.59 4.78 0.00	55.72 4.88 0.00	57.37 5.12 0.00	60.16 5.52 0.00	59.10 5.06 -1.84	58.23 5.41 -0.35	60.74 4.15 -11.93	58.58 3.98 -11.75	60.71 4.25 -10.80	61.47 4.78 -5.82	67.00 5.87 0.00	70.91 5.01 0.00	57.80 3.48 0.00	51.44 3.00 0.00	42.08 2.27 0.00

E179THST_13_KV_LOAD 356214	40.04 2.76 0.00	36.95 2.58 0.00	34.30 2.69 0.00	32.90 2.61 0.00	33.60 2.55 0.00	38.43 2.65 0.00	49.60 3.76 0.00	54.61 4.32 0.00	53.85 4.58 0.00	54.84 5.03 0.00	55.98 5.14 0.00	57.63 5.38 0.00	60.44 5.79 0.00	59.36 5.32 -1.84	58.49 5.67 -0.35	60.92 4.33 -11.93	58.80 4.20 -11.75	60.94 4.48 -10.80	61.72 5.04 -5.82	67.30 6.17 0.00	71.23 5.34 0.00	58.07 3.75 0.00	51.63 3.20 0.00	42.24 2.43 0.00
EAST HAMPTON___GT 23717	41.22 2.94 -0.99	36.96 2.58 -0.01	34.18 2.56 -0.01	32.82 2.51 -0.01	33.64 2.58 -0.01	38.80 3.01 -0.01	49.89 4.04 -0.01	55.47 5.18 -0.01	54.15 4.88 0.00	54.94 5.13 0.00	56.03 5.19 0.00	57.69 5.43 -0.01	60.50 5.85 -0.01	59.73 5.69 -1.85	58.76 5.93 -0.35	61.42 4.82 -11.94	60.01 4.71 -12.45	61.46 4.48 -11.31	66.48 5.14 -10.48	73.93 6.48 -6.32	71.91 5.93 -0.08	58.30 3.96 -0.01	52.03 3.58 -0.01	42.25 2.43 -0.01
EAST RIVER___6 23660	40.11 2.83 0.00	36.92 2.54 0.00	34.14 2.53 0.00	32.78 2.48 0.00	33.48 2.42 0.00	38.58 2.79 0.00	49.78 3.94 0.00	54.91 4.62 0.00	54.15 4.88 0.00	55.14 5.33 0.00	56.33 5.49 0.00	57.94 5.70 0.00	60.71 6.06 0.00	59.78 5.74 -1.84	58.80 5.98 -0.34	61.28 4.69 -11.93	59.09 4.50 -11.75	61.26 4.79 -10.80	62.05 5.34 -5.85	67.49 6.36 0.00	71.70 5.80 0.00	58.40 4.08 0.00	51.93 3.49 0.00	42.32 2.51 0.00
EAST RIVER___7 23524	40.11 2.83 0.00	36.92 2.54 0.00	34.14 2.53 0.00	32.78 2.48 0.00	33.48 2.42 0.00	38.58 2.79 0.00	49.78 3.94 0.00	54.91 4.62 0.00	54.15 4.88 0.00	55.14 5.33 0.00	56.33 5.49 0.00	57.94 5.70 0.00	60.71 6.06 0.00	59.78 5.74 -1.84	58.80 5.98 -0.34	61.28 4.69 -11.93	59.09 4.50 -11.75	61.26 4.79 -10.80	62.05 5.34 -5.85	67.49 6.36 0.00	71.70 5.80 0.00	58.40 4.08 0.00	51.93 3.49 0.00	42.32 2.51 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	39.85 2.57 0.00	36.71 2.34 0.00	33.95 2.34 0.00	32.57 2.27 0.00	33.29 2.24 0.00	38.36 2.58 0.00	49.46 3.62 0.00	54.31 4.02 0.00	53.51 4.24 0.00	54.39 4.58 0.00	55.52 4.68 0.00	57.11 4.86 0.00	59.95 5.30 0.00	58.99 4.96 -1.84	58.12 5.30 -0.35	60.64 4.06 -11.92	58.49 3.90 -11.74	60.61 4.16 -10.79	61.31 4.63 -5.82	66.82 5.69 0.00	70.97 5.07 0.00	57.86 3.53 0.00	51.59 3.15 0.00	42.20 2.39 0.00
EAST_HAMPTON___DIESEL 23722	41.11 2.83 -0.99	36.89 2.51 -0.01	34.12 2.50 -0.01	32.76 2.45 -0.01	33.58 2.51 -0.01	38.73 2.94 -0.01	49.79 3.94 -0.01	55.37 5.08 -0.01	54.10 4.83 0.00	54.84 5.03 0.00	55.97 5.13 0.00	57.59 5.33 -0.01	60.39 5.74 -0.01	59.63 5.59 -1.85	58.70 5.88 -0.35	61.38 4.78 -11.94	59.97 4.67 -12.45	61.36 4.38 -11.31	66.38 5.04 -10.48	73.81 6.36 -6.32	71.78 5.80 -0.08	58.19 3.86 -0.01	51.94 3.49 -0.01	42.17 2.35 -0.01
EAST_POINT___SOLAR 323840	39.59 2.31 0.00	36.47 2.10 0.00	33.54 1.93 0.00	32.11 1.82 0.00	32.88 1.83 0.00	38.08 2.29 0.00	49.28 3.44 0.00	53.91 3.62 0.00	52.37 3.11 0.00	52.10 2.29 0.00	53.08 2.23 -0.01	55.15 2.72 -0.19	58.54 3.39 -0.51	58.87 3.29 -3.38	56.06 3.15 -0.43	62.30 2.99 -14.64	59.93 2.66 -14.42	62.09 3.11 -13.31	61.40 3.15 -7.38	65.29 4.16 0.00	69.78 3.89 0.00	57.47 3.15 0.00	51.39 2.96 0.00	42.08 2.27 0.00
EAST_PULASKI___ESR 323781	37.02 -0.26 0.00	34.07 -0.31 0.00	31.39 -0.22 0.00	30.02 -0.27 0.00	30.84 -0.22 0.00	35.46 -0.32 0.00	45.47 -0.37 0.00	49.88 -0.40 0.00	48.75 -0.54 -0.03	50.34 -0.60 -1.12	50.36 -0.51 -0.03	51.62 -0.62 0.00	54.21 -0.71 -0.28	51.67 -0.68 -0.15	51.88 -0.63 -0.03	44.68 -0.72 -0.74	42.76 -0.82 -0.73	46.99 -0.78 -2.10	53.26 -0.82 -3.21	64.71 -0.55 -4.13	68.68 -0.79 -3.57	54.90 -0.60 -1.17	48.76 -0.58 -0.91	39.45 -0.36 0.00
EAST_RIVER___1 323558	40.04 2.76 0.00	36.88 2.51 0.00	34.11 2.50 0.00	32.75 2.45 0.00	33.48 2.42 0.00	38.54 2.76 0.00	49.69 3.85 0.00	54.76 4.47 0.00	53.95 4.68 0.00	54.89 5.08 0.00	56.08 5.24 0.00	57.68 5.43 0.00	60.44 5.79 0.00	59.51 5.48 -1.84	58.59 5.77 -0.34	61.10 4.51 -11.93	58.92 4.33 -11.75	61.08 4.61 -10.80	61.85 5.14 -5.85	67.30 6.17 0.00	71.43 5.54 0.00	58.24 3.91 0.00	51.83 3.39 0.00	42.28 2.47 0.00
EAST_RIVER___2 323559	40.11 2.83 0.00	36.92 2.54 0.00	34.14 2.53 0.00	32.78 2.48 0.00	33.48 2.42 0.00	38.58 2.79 0.00	49.78 3.94 0.00	54.91 4.62 0.00	54.15 4.88 0.00	55.14 5.33 0.00	56.33 5.49 0.00	57.94 5.70 0.00	60.71 6.06 0.00	59.78 5.74 -1.84	58.80 5.98 -0.34	61.28 4.69 -11.93	59.09 4.50 -11.75	61.26 4.79 -10.80	62.05 5.34 -5.85	67.49 6.36 0.00	71.70 5.80 0.00	58.40 4.08 0.00	51.93 3.49 0.00	42.32 2.51 0.00
EAST___DELAWARE_HYD 23607	40.08 2.80 0.00	36.88 2.51 0.00	34.14 2.53 0.00	32.69 2.39 0.00	33.44 2.39 0.00	38.54 2.76 0.00	49.60 3.76 0.00	54.61 4.33 0.00	53.75 4.48 0.00	54.55 4.73 0.00	55.67 4.83 0.00	57.11 4.91 0.04	59.88 5.36 0.12	58.70 5.01 -1.49	57.79 4.99 -0.32	59.80 3.88 -11.25	57.66 3.73 -11.09	59.92 4.02 -10.24	60.89 4.32 -5.71	66.51 5.38 0.00	71.30 5.40 0.00	58.18 3.86 0.00	51.78 3.34 0.00	42.36 2.55 0.00
EIGHT_POINT___WT_PWR 323820	36.72 -0.56 0.00	33.31 -1.07 0.00	30.82 -0.79 0.00	29.42 -0.88 0.00	30.15 -0.90 0.00	34.46 -1.32 0.00	44.24 -1.61 0.00	48.52 -1.76 0.00	47.31 -1.92 0.04	47.66 -2.29 -0.14	48.42 -2.39 0.04	49.49 -2.72 0.04	51.46 -3.17 0.02	49.19 -2.87 0.14	49.63 -2.78 0.07	42.86 -2.19 -0.39	41.09 -2.14 -0.38	43.75 -1.96 -0.04	49.27 -1.98 -0.39	59.65 -1.47 0.01	64.91 -0.99 0.00	52.70 -1.63 0.00	46.49 -1.94 0.01	38.38 -1.43 0.00
ELBRIDGE_115KV_TB2 80188	37.17 -0.11 0.00	34.20 -0.17 0.00	31.52 -0.09 0.00	30.14 -0.15 0.00	30.93 -0.12 0.00	35.61 -0.18 0.00	45.61 -0.23 0.00	50.08 -0.20 0.00	49.03 -0.25 -0.01	49.79 -0.35 -0.33	50.49 -0.36 -0.01	51.88 -0.37 0.00	54.29 -0.44 -0.08	51.88 -0.52 -0.20	52.15 -0.37 -0.04	45.16 -0.45 -0.95	43.35 -0.43 -0.93	47.10 -0.50 -1.94	52.78 -0.51 -2.43	63.63 -0.31 -2.81	67.86 -0.46 -2.43	54.58 -0.54 -0.80	48.47 -0.58 -0.61	39.41 -0.40 0.00
ELEC_TRO_TEK 24086	42.06 3.06 -1.72	37.21 2.82 -0.02	34.41 2.78 -0.02	33.04 2.73 -0.02	33.74 2.67 -0.02	38.85 3.04 -0.02	50.03 4.17 -0.02	55.03 4.73 -0.02	54.10 4.83 0.00	54.94 5.13 0.00	55.98 5.14 0.00	57.54 5.28 -0.02	60.34 5.68 -0.02	59.32 5.27 -1.85	58.40 5.56 -0.37	60.89 4.29 -11.94	59.92 4.11 -12.96	61.78 4.43 -11.68	69.64 4.93 -13.84	78.16 6.11 -10.91	71.49 5.47 -0.12	58.20 3.86 -0.02	52.08 3.63 -0.02	42.73 2.91 -0.02
ELLENBURG_WT_PWR 323604	36.24 -1.04 0.00	33.59 -0.79 0.00	31.04 -0.57 0.00	29.87 -0.42 0.00	30.68 -0.37 0.00	35.39 -0.39 0.00	45.43 -0.41 0.00	50.03 -0.25 0.00	49.11 -0.15 0.01	49.03 -0.15 0.64	50.57 -0.25 0.01	51.88 -0.36 0.00	54.11 -0.38 0.16	51.83 -0.36 0.00	52.00 -0.47 0.00	44.35 -0.31 0.00	42.64 -0.21 0.00	45.53 -0.14 0.00	50.61 -0.25 0.00	60.52 -0.61 0.00	65.70 -0.20 0.00	54.32 0.00 0.00	48.29 -0.14 0.00	39.61 -0.20 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	35.64 -1.64 0.00	32.18 -2.20 0.00	29.84 -1.77 0.00	28.57 -1.73 0.00	29.22 -1.83 0.00	33.25 -2.54 0.00	42.08 -3.76 0.00	46.51 -3.77 0.00	45.26 -3.99 0.01	45.65 -4.33 -0.17	46.51 -4.32 0.01	47.74 -4.49 0.02	49.75 -4.92 -0.03	47.15 -5.12 -0.07	47.76 -4.72 0.00	41.25 -4.02 -0.60	39.33 -4.11 -0.59	41.43 -4.29 -0.06	46.35 -4.88 -0.37	55.86 -5.26 0.01	61.09 -4.81 0.00	50.03 -4.29 0.00	44.31 -4.12 0.01	37.02 -2.79 0.00
EMPIRE_CC_1 323656	38.73 1.45 0.00	35.82 1.44 0.00	33.07 1.45 0.00	31.66 1.36 0.00	32.42 1.36 0.00	37.40 1.61 0.00	47.68 1.84 0.00	52.30 2.01 0.00	51.24 1.97 0.00	51.81 1.99 0.00	52.89 2.04 -0.01	54.71 2.25 -0.21	57.58 2.35 -0.58	57.88 2.35 -3.33	55.28 2.42 -0.39	59.91 2.10 -13.15	57.86 2.06 -12.95	59.73 2.15 -11.92	59.69 2.34 -6.48	63.82 2.69 0.00	67.87 1.98 0.00	56.01 1.69 0.00	50.23 1.79 0.00	41.24 1.43 0.00
EMPIRE_CC_2 323658	38.73 1.45 0.00	35.82 1.44 0.00	33.07 1.45 0.00	31.66 1.36 0.00	32.42 1.36 0.00	37.40 1.61 0.00	47.68 1.84 0.00	52.30 2.01 0.00	51.24 1.97 0.00	51.81 1.99 0.00	52.89 2.04 -0.01	54.71 2.25 -0.21	57.58 2.35 -0.58	57.88 2.35 -3.33	55.28 2.42 -0.39	59.91 2.10 -13.15	57.86 2.06 -12.95	59.73 2.15 -11.92	59.69 2.34 -6.48	63.82 2.69 0.00	67.87 1.98 0.00	56.01 1.69 0.00	50.23 1.79 0.00	41.24 1.43 0.00
ENORWICH_115KV_TB1 80156	39.59 2.31 0.00	36.40 2.03 0.00	33.60 1.99 0.00	32.08 1.79 0.00	33.04 1.99 0.00	38.15 2.36 0.00	49.55 3.71 0.00	54.71 4.43 0.00	53.23 3.94 -0.02	53.68 3.84 -0.04	54.67 3.81 -0.02	55.77 3.50 -0.02	58.18 3.50 -0.03	56.55 3.50 -0.85	56.32 3.67 -0.17	51.82 3.08 -4.07	49.56 2.70 -4.01	53.41 3.38 -4.37	56.64 3.15 -2.63	66.69 4.52 -1.04	71.08 4.28 -0.89	58.04 3.42 -0.29	51.52 2.86 -0.23	42.04 2.23 0.00
ERIE_ST__34_KV_TB1-2 80199	35.60 -1.68 0.00	32.11 -2.27 0.00	29.81 -1.80 0.00	28.54 -1.76 0.00	29.22 -1.83 0.00	33.25 -2.54 0.00	42.22 -3.62 0.00	46.46 -3.82 0.00	45.56 -3.70 0.01	46.60 -3.39 -0.17	47.37 -3.46 0.01	48.73 -3.50 0.02	51.01 -3.66 -0.03	48.82 -3.44 -0.07	48.97 -3.52 -0.01	42.41 -2.86 -0.61	40.19 -3.26 -0.60	42.62 -3.11 -0.05	47.11 -4.12 -0.37	56.17 -4.95 0.01	61.48 -4.42 0.00	50.14 -4.18 0.00	44.41 -4.02 0.01	37.06 -2.75 0.00
ERIE_WT_PWR 323693	35.75 -1.53 0.00	32.28 -2.10 0.00	29.94 -1.68 0.00	28.66 -1.64 0.00	29.31 -1.74 0.00	33.35 -2.43 0.00	42.68 -3.16 0.00	46.66 -3.62 0.00	45.46 -3.79 0.01	45.90 -4.08 -0.18	46.81 -4.02 0.01	48.05 -4.18 0.02	49.97 -4.70 -0.02	47.78 -4.49 -0.07	48.01 -4.46 0.00	41.61 -3.66 -0.61	39.68 -3.77 -0.60	41.89 -3.84 -0.06	46.58 -4.68 -0.39	56.47 -4.65 0.01	61.68 -4.22 0.00	50.19 -4.13 0.00	44.51 -3.92 0.01	37.02 -2.79 0.00
ESPRGFLD_115KV_TB1 80157	38.88 1.60 0.00	35.82 1.44 0.00	33.00 1.39 0.00	31.57 1.27 0.00	32.39 1.34 0.00	37.43 1.65 0.00	49.10 3.25 0.00	54.11 3.82 0.00	52.72 3.45 0.00	53.10 3.29 -0.01	54.26 3.41 -0.01	55.84 3.45 -0.14	58.74 3.72 -0.38	56.69 3.65 -0.84	56.09 3.62 0.01	47.96 3.13 -0.17	45.59 2.57 -0.17	49.09 3.06 -0.37	53.22 2.44 0.09	64.43 3.30 0.00	68.86 2.97 0.00	56.61 2.28 0.00	50.57 2.13 0.00	41.44 1.63 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	38.18 0.89 0.00	35.06 0.69 0.00	32.34 0.73 0.00	30.90 0.61 0.00	31.74 0.68 0.00	36.57 0.79 0.00	46.99 1.15 0.00	51.74 1.46 0.00	50.64 1.33 -0.05	51.37 1.25 -0.32	52.06 1.17 -0.05	53.33 1.04 -0.04	55.76 0.98 -0.13	54.11 0.94 -0.97	53.83 1.15 -0.20	47.37 0.76 -1.95	45.45 0.69 -1.92	48.80 0.91 -2.22	54.12 1.17 -2.08	64.30 1.77 -1.39	68.82 1.71 -1.21	55.86 1.14 -0.40	49.61 0.87 -0.30	40.57 0.76 0.00
ETNA____115KV_TB2 80207	38.18 0.89 0.00	35.06 0.69 0.00	32.34 0.73 0.00	30.90 0.61 0.00	31.74 0.68 0.00	36.57 0.79 0.00	46.99 1.15 0.00	51.74 1.46 0.00	50.64 1.33 -0.05	51.37 1.25 -0.32	52.06 1.17 -0.05	53.33 1.04 -0.04	55.76 0.98 -0.13	54.11 0.94 -0.97	53.83 1.15 -0.20	47.37 0.76 -1.95	45.45 0.69 -1.92	48.80 0.91 -2.22	54.12 1.17 -2.08	64.30 1.77 -1.39	68.82 1.71 -1.21	55.86 1.14 -0.40	49.61 0.87 -0.30	40.57 0.76 0.00
EUCLID___115KV_TB2 356179	37.09 -0.19 0.00	34.10 -0.28 0.00	31.42 -0.19 0.00	30.05 -0.24 0.00	30.87 -0.19 0.00	35.54 -0.25 0.00	45.52 -0.32 0.00	49.93 -0.35 0.00	48.89 -0.39 -0.01	49.82 -0.45 -0.46	50.45 -0.41 -0.01	51.83 -0.42 0.00	54.27 -0.49 -0.11	51.85 -0.52 -0.17	52.09 -0.42 -0.03	45.00 -0.49 -0.83	43.15 -0.51 -0.82	46.43 -0.59 -1.36	51.97 -0.61 -1.71	62.47 -0.43 -1.77	66.76 -0.66 -1.53	54.17 -0.65 -0.50	48.15 -0.68 -0.39	39.33 -0.48 0.00
E_CANADA_CAP_HY 24051	39.11 1.83 0.00	36.03 1.65 0.00	33.16 1.55 0.00	31.75 1.45 0.00	32.51 1.46 0.00	37.61 1.82 0.00	48.73 2.89 0.00	53.40 3.12 0.00	52.08 2.81 0.00	52.21 2.39 0.00	53.24 2.39 -0.01	54.98 2.56 -0.18	58.02 2.89 -0.48	58.47 2.87 -3.41	55.65 2.73 -0.45	62.32 2.54 -15.11	59.92 2.18 -14.88	62.03 2.60 -13.76	61.09 2.49 -7.74	64.43 3.30 0.00	68.87 2.97 0.00	56.66 2.33 0.00	50.81 2.37 0.00	41.60 1.79 0.00
E_CANADA_MHWK_HY 24050	38.81 1.53 0.00	35.89 1.51 0.00	33.10 1.49 0.00	31.75 1.45 0.00	32.54 1.49 0.00	37.50 1.72 0.00	48.00 2.16 0.00	52.49 2.21 0.00	51.34 2.07 -0.01	52.33 2.24 -0.28	53.29 2.44 -0.01	54.65 2.40 0.00	56.90 2.19 -0.07	54.34 2.14 0.00	54.52 2.04 0.00	46.45 1.79 0.00	44.44 1.59 0.00	47.36 1.69 0.00	52.59 1.73 0.00	63.33 2.20 0.00	67.87 1.98 0.00	55.79 1.47 0.00	49.65 1.21 0.00	40.61 0.80 0.00
E_FISHKILL___LBMP 23776	39.48 2.20 0.00	36.44 2.06 0.00	33.67 2.05 0.00	32.29 2.00 0.00	33.01 1.96 0.00	38.04 2.25 0.00	48.96 3.12 0.00	53.75 3.47 0.00	52.87 3.60 0.00	53.70 3.89 0.00	54.81 3.97 0.00	56.43 4.18 0.00	59.24 4.59 0.00	58.34 4.28 -1.87	57.40 4.57 -0.35	60.21 3.44 -12.11	58.08 3.30 -11.93	60.19 3.56 -10.96	60.70 3.92 -5.92	65.96 4.83 0.00	70.05 4.15 0.00	57.26 2.93 0.00	51.10 2.66 0.00	41.84 2.03 0.00
FALCON___SEABRD_CC1 323796	36.65 -0.63 0.00	33.96 -0.41 0.00	31.39 -0.22 0.00	30.20 -0.09 0.00	31.02 -0.03 0.00	35.79 0.00 0.00	46.03 0.18 0.00	50.68 0.40 0.00	49.75 0.49 0.01	49.62 0.45 0.64	51.19 0.36 0.01	52.51 0.26 0.00	54.76 0.27 0.16	52.46 0.26 0.00	52.63 0.16 0.00	44.84 0.18 0.00	43.19 0.34 0.00	46.12 0.46 0.00	51.27 0.41 0.00	61.31 0.18 0.00	66.49 0.59 0.00	54.98 0.65 0.00	48.82 0.39 0.00	40.01 0.20 0.00
FALCON___SEABRD_CC2 323797	36.65 -0.63 0.00	33.96 -0.41 0.00	31.39 -0.22 0.00	30.20 -0.09 0.00	31.02 -0.03 0.00	35.79 0.00 0.00	46.03 0.18 0.00	50.68 0.40 0.00	49.75 0.49 0.01	49.62 0.45 0.64	51.19 0.36 0.01	52.51 0.26 0.00	54.76 0.27 0.16	52.46 0.26 0.00	52.63 0.16 0.00	44.84 0.18 0.00	43.19 0.34 0.00	46.12 0.46 0.00	51.27 0.41 0.00	61.31 0.18 0.00	66.49 0.59 0.00	54.98 0.65 0.00	48.82 0.39 0.00	40.01 0.20 0.00

FAR ROCKAWAY___4 23548	42.56 3.50 -1.78	37.66 3.27 -0.02	34.82 3.19 -0.02	33.40 3.09 -0.02	34.11 3.04 -0.02	39.31 3.51 -0.02	50.62 4.77 -0.02	55.63 5.33 -0.02	54.64 5.37 0.00	55.54 5.73 0.00	56.64 5.80 0.00	58.32 6.06 -0.02	61.16 6.50 -0.02	60.10 6.05 -1.85	59.19 6.35 -0.37	61.57 4.96 -11.95	60.57 4.71 -13.01	62.45 5.07 -11.72	70.69 5.70 -14.13	79.52 7.09 -11.30	72.55 6.52 -0.13	59.07 4.73 -0.02	52.72 4.26 -0.02	43.21 3.38 -0.02
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	40.08 2.80 0.00	36.92 2.54 0.00	34.14 2.53 0.00	32.75 2.45 0.00	33.47 2.42 0.00	38.58 2.79 0.00	49.78 3.94 0.00	54.76 4.48 0.00	53.95 4.68 0.00	54.89 5.08 0.00	56.03 5.19 0.00	57.68 5.43 0.00	60.55 5.90 0.00	59.51 5.48 -1.84	58.60 5.77 -0.35	61.05 4.47 -11.93	58.88 4.28 -11.75	61.03 4.57 -10.80	61.83 5.14 -5.82	67.43 6.30 0.00	71.50 5.60 0.00	58.24 3.91 0.00	51.83 3.39 0.00	42.40 2.59 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	40.08 2.80 0.00	36.92 2.54 0.00	34.14 2.53 0.00	32.75 2.45 0.00	33.47 2.42 0.00	38.58 2.79 0.00	49.78 3.94 0.00	54.76 4.48 0.00	53.95 4.68 0.00	54.89 5.08 0.00	56.03 5.19 0.00	57.68 5.43 0.00	60.55 5.90 0.00	59.51 5.48 -1.84	58.60 5.77 -0.35	61.05 4.47 -11.93	58.88 4.28 -11.75	61.03 4.57 -10.80	61.83 5.14 -5.82	67.43 6.30 0.00	71.50 5.60 0.00	58.24 3.91 0.00	51.83 3.39 0.00	42.40 2.59 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	40.04 2.76 0.00	36.88 2.51 0.00	34.11 2.50 0.00	32.75 2.45 0.00	33.47 2.42 0.00	38.54 2.76 0.00	49.74 3.90 0.00	54.76 4.48 0.00	53.95 4.68 0.00	54.89 5.08 0.00	56.03 5.19 0.00	57.68 5.43 0.00	60.55 5.90 0.00	59.51 5.48 -1.84	58.60 5.77 -0.35	61.05 4.47 -11.93	58.88 4.28 -11.75	61.03 4.57 -10.80	61.83 5.14 -5.82	67.43 6.30 0.00	71.43 5.54 0.00	58.24 3.91 0.00	51.83 3.39 0.00	42.36 2.55 0.00
FARRAGUT___LBMP 323566	40.04 2.76 0.00	36.88 2.51 0.00	34.11 2.50 0.00	32.72 2.42 0.00	33.44 2.39 0.00	38.54 2.76 0.00	49.74 3.90 0.00	54.71 4.43 0.00	53.90 4.63 0.00	54.84 5.03 0.00	55.98 5.14 0.00	57.63 5.38 0.00	60.44 5.79 0.00	59.41 5.38 -1.84	58.54 5.72 -0.35	60.97 4.38 -11.93	58.84 4.24 -11.75	60.99 4.52 -10.80	61.77 5.09 -5.82	67.37 6.24 0.00	71.37 5.47 0.00	58.18 3.86 0.00	51.78 3.34 0.00	42.32 2.51 0.00
FARRCKWY_69_KV_BK2 55825	42.56 3.50 -1.78	37.66 3.27 -0.02	34.82 3.19 -0.02	33.40 3.09 -0.02	34.11 3.04 -0.02	39.31 3.51 -0.02	50.62 4.77 -0.02	55.63 5.33 -0.02	54.64 5.37 0.00	55.54 5.73 0.00	56.64 5.80 0.00	58.32 6.06 -0.02	61.16 6.50 -0.02	60.10 6.05 -1.85	59.19 6.35 -0.37	61.57 4.96 -11.95	60.57 4.71 -13.01	62.45 5.07 -11.72	70.69 5.70 -14.13	79.52 7.09 -11.30	72.55 6.52 -0.13	59.07 4.73 -0.02	52.72 4.26 -0.02	43.21 3.38 -0.02
FENNER___WINDPWR 24204	38.03 0.75 0.00	34.99 0.62 0.00	32.24 0.63 0.00	30.84 0.55 0.00	31.71 0.65 0.00	36.57 0.79 0.00	46.99 1.15 0.00	51.64 1.36 0.00	50.52 1.23 -0.02	51.59 1.15 -0.63	52.08 1.22 -0.02	53.40 1.15 -0.01	55.96 1.15 -0.17	53.70 1.15 -0.36	53.75 1.21 -0.07	46.83 0.94 -1.23	44.83 0.77 -1.21	48.17 0.96 -1.54	53.54 1.07 -1.60	63.99 1.59 -1.27	68.45 1.45 -1.10	55.83 1.14 -0.36	49.68 0.97 -0.28	40.56 0.75 0.00
FIBERTEK___ENERGY 23856	37.39 0.11 0.00	34.38 0.00 0.00	31.68 0.06 0.00	30.30 0.00 0.00	31.08 0.03 0.00	35.82 0.04 0.00	45.89 0.05 0.00	50.38 0.10 0.00	49.33 0.05 -0.01	50.18 0.00 -0.37	50.90 0.05 -0.01	52.30 0.05 0.00	54.74 0.00 -0.09	52.34 -0.05 -0.20	52.57 0.05 -0.04	45.50 -0.09 -0.92	43.63 -0.13 -0.91	47.35 -0.18 -1.87	53.09 -0.15 -2.38	64.01 0.12 -2.75	68.21 -0.07 -2.38	54.89 -0.22 -0.78	48.75 -0.29 -0.60	39.65 -0.16 0.00
FITZPATRICK___ 23598	36.39 -0.90 0.00	33.48 -0.89 0.00	30.85 -0.76 0.00	29.54 -0.76 0.00	30.28 -0.78 0.00	34.86 -0.93 0.00	44.70 -1.14 0.00	48.88 -1.41 0.00	47.79 -1.48 0.00	48.27 -1.54 0.00	49.27 -1.58 0.00	50.63 -1.62 0.00	52.95 -1.69 0.00	50.64 -1.67 -0.11	50.87 -1.63 -0.02	43.91 -1.47 -0.72	42.15 -1.41 -0.71	39.16 -1.55 4.95	39.60 -1.68 9.59	44.26 -1.77 15.10	50.82 -2.04 13.03	48.24 -1.79 4.29	43.48 -1.65 3.31	38.62 -1.19 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	39.97 2.68 0.00	36.82 2.44 0.00	34.02 2.40 0.00	32.60 2.30 0.00	33.35 2.30 0.00	38.43 2.65 0.00	49.46 3.62 0.00	54.36 4.07 0.00	53.51 4.24 0.00	54.34 4.53 0.00	55.42 4.58 0.00	57.05 4.81 0.00	59.95 5.30 0.00	58.97 4.91 -1.87	57.87 5.04 -0.35	60.63 3.84 -12.13	58.48 3.69 -11.94	60.58 3.93 -10.98	61.12 4.32 -5.93	66.51 5.38 0.00	70.97 5.07 0.00	57.91 3.59 0.00	51.63 3.20 0.00	42.28 2.47 0.00
FORT ORANGE___ 23900	38.47 1.19 0.00	35.51 1.13 0.00	32.75 1.14 0.00	31.38 1.09 0.00	32.11 1.06 0.00	37.04 1.25 0.00	47.31 1.47 0.00	51.84 1.56 0.00	50.80 1.53 0.00	51.30 1.49 0.00	52.28 1.48 0.04	52.96 1.67 0.96	53.77 1.75 2.62	50.26 1.72 3.66	54.59 1.73 -0.39	59.56 1.47 -13.43	57.53 1.46 -13.23	59.40 1.55 -12.17	59.23 1.73 -6.64	63.21 2.08 0.00	67.41 1.52 0.00	55.57 1.25 0.00	49.75 1.31 0.00	40.88 1.08 0.00
FORT_DRUM_COGEN 23780	37.13 -0.15 0.00	34.20 -0.17 0.00	31.49 -0.13 0.00	30.08 -0.21 0.00	31.05 0.00 0.00	35.86 0.07 0.00	46.12 0.28 0.00	50.89 0.60 0.00	49.50 0.15 -0.08	53.32 0.05 -3.46	51.13 0.20 -0.08	52.09 -0.16 0.00	55.17 -0.33 -0.85	52.10 -0.21 -0.11	52.29 -0.21 -0.02	45.15 -0.22 -0.71	42.99 -0.56 -0.70	47.03 -0.09 -1.46	52.42 -0.25 -1.81	63.88 0.55 -2.20	68.00 0.20 -1.90	55.55 0.60 -0.63	49.40 0.48 -0.48	40.05 0.24 0.00
FOX_HILLS___ESR 323835	40.31 3.02 -0.01	37.17 2.78 -0.01	34.43 2.81 -0.01	33.06 2.76 -0.01	33.79 2.73 -0.01	38.76 2.97 -0.01	49.93 4.08 -0.01	55.01 4.73 0.00	54.10 4.83 0.00	55.09 5.28 0.00	56.28 5.44 0.00	57.89 5.64 0.00	60.55 5.90 0.00	59.56 5.53 -1.84	58.64 5.82 -0.34	61.15 4.56 -11.93	59.01 4.41 -11.75	61.17 4.70 -10.80	62.06 5.34 -5.85	67.56 6.42 -0.01	71.71 5.80 -0.01	58.52 4.18 -0.01	52.08 3.63 -0.01	42.48 2.67 -0.01
FPL_FAR_ROCK_GT1 24212	42.56 3.50 -1.78	37.63 3.23 -0.02	34.82 3.19 -0.02	33.41 3.09 -0.02	34.12 3.04 -0.02	39.32 3.51 -0.02	50.54 4.68 -0.02	55.63 5.33 -0.02	54.64 5.37 0.00	55.49 5.68 0.00	56.69 5.84 0.00	58.32 6.06 -0.02	61.05 6.39 -0.02	60.10 6.05 -1.85	59.13 6.29 -0.36	61.61 5.00 -11.95	60.61 4.76 -13.01	62.45 5.07 -11.72	70.66 5.65 -14.15	79.39 6.97 -11.30	72.55 6.53 -0.13	59.07 4.72 -0.02	52.72 4.26 -0.02	43.10 3.27 -0.02
FPL_FAR_ROCK_GT2 23815	42.56 3.50 -1.78	37.63 3.23 -0.02	34.82 3.19 -0.02	33.41 3.09 -0.02	34.12 3.04 -0.02	39.32 3.51 -0.02	50.54 4.68 -0.02	55.63 5.33 -0.02	54.64 5.37 0.00	55.49 5.68 0.00	56.69 5.84 0.00	58.32 6.06 -0.02	61.05 6.39 -0.02	60.10 6.05 -1.85	59.13 6.29 -0.36	61.61 5.00 -11.95	60.61 4.76 -13.01	62.45 5.07 -11.72	70.66 5.65 -14.15	79.39 6.97 -11.30	72.55 6.53 -0.13	59.07 4.72 -0.02	52.72 4.26 -0.02	43.10 3.27 -0.02

FRANKLIN_FALL_HYD 24054	36.57 -0.71 0.00	33.89 -0.48 0.00	31.33 -0.28 0.00	30.14 -0.15 0.00	30.93 -0.12 0.00	35.75 -0.04 0.00	46.02 0.18 0.00	50.84 0.55 0.00	49.89 0.64 0.01	49.67 0.50 0.64	51.23 0.41 0.01	52.51 0.26 0.00	54.76 0.27 0.16	52.51 0.31 0.00	52.63 0.16 0.00	44.80 0.13 0.00	43.19 0.34 0.00	46.26 0.59 0.00	51.32 0.46 0.00	61.31 0.18 0.00	66.49 0.59 0.00	54.92 0.60 0.00	48.78 0.34 0.00	39.85 0.04 0.00
FREEPORT_EQUS_GT1 23764	41.93 3.36 -1.29	37.48 3.10 -0.01	34.66 3.04 -0.01	33.25 2.94 -0.01	33.98 2.92 -0.01	39.16 3.36 -0.01	50.30 4.45 -0.01	55.32 5.03 -0.01	54.39 5.12 0.00	55.19 5.38 0.00	56.28 5.44 0.00	57.85 5.59 -0.01	60.56 5.90 -0.01	59.63 5.59 -1.85	58.71 5.88 -0.36	61.20 4.60 -11.94	59.97 4.46 -12.66	61.88 4.75 -11.47	68.04 5.29 -11.89	75.90 6.54 -8.22	72.05 6.06 -0.09	58.69 4.35 -0.01	52.52 4.07 -0.01	42.93 3.11 -0.01
FREEPORT___CT2 23818	41.93 3.36 -1.29	37.48 3.10 -0.01	34.66 3.04 -0.01	33.25 2.94 -0.01	33.98 2.92 -0.01	39.16 3.36 -0.01	50.30 4.45 -0.01	55.32 5.03 -0.01	54.39 5.12 0.00	55.19 5.38 0.00	56.28 5.44 0.00	57.85 5.59 -0.01	60.56 5.90 -0.01	59.63 5.59 -1.85	58.71 5.88 -0.36	61.20 4.60 -11.94	59.97 4.46 -12.66	61.88 4.75 -11.47	68.04 5.29 -11.89	75.90 6.54 -8.22	72.05 6.06 -0.09	58.69 4.35 -0.01	52.52 4.07 -0.01	42.93 3.11 -0.01
FRESHKLS_33_KV_LOAD 356253	40.46 3.17 -0.01	37.30 2.92 -0.01	34.56 2.94 -0.01	33.18 2.88 -0.01	33.92 2.85 -0.01	38.94 3.15 -0.01	50.11 4.26 -0.01	55.21 4.93 0.00	54.30 5.03 0.00	55.24 5.43 0.00	56.43 5.59 0.00	58.05 5.80 0.00	60.66 6.01 0.00	59.67 5.64 -1.84	58.75 5.93 -0.34	61.28 4.69 -11.93	59.18 4.59 -11.75	61.35 4.89 -10.80	62.26 5.55 -5.85	67.80 6.66 -0.01	72.03 6.13 -0.01	58.79 4.46 -0.01	52.27 3.83 -0.01	42.64 2.83 -0.01
FULTON COGEN____ 23766	36.72 -0.56 0.00	33.79 -0.58 0.00	31.14 -0.47 0.00	29.78 -0.52 0.00	30.59 -0.47 0.00	35.21 -0.57 0.00	45.11 -0.73 0.00	49.48 -0.80 0.00	48.44 -0.84 -0.01	49.40 -0.90 -0.49	49.94 -0.92 -0.01	51.31 -0.94 0.00	53.73 -1.04 -0.12	51.31 -1.04 -0.16	51.56 -0.94 -0.03	44.51 -0.94 -0.79	42.72 -0.90 -0.78	47.06 -1.00 -2.39	53.49 -1.07 -3.69	64.97 -0.98 -4.82	68.81 -1.25 -4.16	54.55 -1.14 -1.37	48.38 -1.11 -1.06	38.97 -0.84 0.00
FULTON___LFGE 323630	39.29 2.01 0.00	36.23 1.85 0.00	33.32 1.71 0.00	31.90 1.60 0.00	32.67 1.61 0.00	37.79 2.00 0.00	48.82 2.98 0.00	53.40 3.12 0.00	52.08 2.81 0.00	52.30 2.49 0.00	53.34 2.49 -0.01	55.10 2.66 -0.19	58.11 2.95 -0.51	58.40 2.82 -3.39	55.63 2.73 -0.43	61.78 2.59 -14.53	59.48 2.31 -14.31	61.57 2.69 -13.21	60.97 2.80 -7.31	64.80 3.67 0.00	69.26 3.36 0.00	57.04 2.72 0.00	51.05 2.61 0.00	41.80 1.99 0.00
G.F.CEMENT___DRP 24184	39.74 2.46 0.00	36.71 2.34 0.00	33.76 2.15 0.00	32.33 2.03 0.00	33.07 2.02 0.00	38.22 2.43 0.00	49.05 3.21 0.00	53.70 3.42 0.00	52.72 3.45 0.00	53.30 3.49 0.00	54.56 3.71 -0.01	56.47 3.92 -0.30	59.67 4.21 -0.82	60.11 3.97 -3.94	56.66 3.78 -0.41	61.37 3.13 -13.58	59.10 2.87 -13.38	60.92 3.01 -12.24	60.90 3.26 -6.78	65.10 3.97 0.00	69.39 3.49 0.00	57.47 3.15 0.00	51.44 3.00 0.00	42.32 2.51 0.00
GARDENVILLE___LBMP 24039	35.71 -1.57 0.00	32.21 -2.17 0.00	29.91 -1.71 0.00	28.60 -1.70 0.00	29.28 -1.77 0.00	33.32 -2.47 0.00	42.22 -3.62 0.00	46.61 -3.67 0.00	45.41 -3.84 0.01	45.90 -4.08 -0.17	46.76 -4.07 0.01	48.00 -4.23 0.02	50.08 -4.59 -0.03	47.51 -4.75 -0.07	48.02 -4.46 0.00	41.51 -3.75 -0.60	39.58 -3.86 -0.59	41.70 -4.02 -0.05	46.60 -4.63 -0.37	56.05 -5.07 0.01	61.35 -4.55 0.00	50.20 -4.13 0.00	44.46 -3.97 0.01	37.10 -2.71 0.00
GARDNVLA_35_KV_LD 355827	35.79 -1.49 0.00	32.28 -2.10 0.00	29.97 -1.64 0.00	28.66 -1.64 0.00	29.34 -1.71 0.00	33.39 -2.40 0.00	42.31 -3.53 0.00	46.71 -3.57 0.00	45.51 -3.74 0.01	46.05 -3.94 -0.18	46.91 -3.91 0.01	48.15 -4.08 0.02	50.25 -4.43 -0.03	47.68 -4.59 -0.07	48.18 -4.30 -0.01	41.65 -3.62 -0.61	39.68 -3.77 -0.60	41.84 -3.88 -0.06	46.65 -4.58 -0.37	56.17 -4.95 0.01	61.48 -4.42 0.00	50.25 -4.07 0.00	44.51 -3.92 0.01	37.18 -2.63 0.00
GELCKHM___115KV_LOAD 80723	37.21 -0.07 0.00	34.20 -0.17 0.00	31.52 -0.09 0.00	30.14 -0.15 0.00	30.96 -0.09 0.00	35.64 -0.14 0.00	45.66 -0.18 0.00	50.08 -0.20 0.00	49.03 -0.25 -0.01	49.99 -0.25 -0.43	50.60 -0.25 -0.01	52.04 -0.21 0.00	54.48 -0.27 -0.10	52.01 -0.37 -0.18	52.30 -0.21 -0.03	45.21 -0.31 -0.86	43.36 -0.34 -0.85	46.80 -0.41 -1.54	52.39 -0.41 -1.93	63.02 -0.24 -2.14	67.28 -0.46 -1.85	54.44 -0.49 -0.61	48.37 -0.53 -0.47	39.45 -0.36 0.00
GENERAL___MILLS 23808	35.75 -1.53 0.00	32.24 -2.13 0.00	29.94 -1.68 0.00	28.63 -1.67 0.00	29.31 -1.74 0.00	33.32 -2.47 0.00	42.22 -3.62 0.00	46.61 -3.67 0.00	45.46 -3.79 0.01	46.00 -3.98 -0.18	46.86 -3.97 0.01	48.10 -4.13 0.02	50.19 -4.48 -0.03	47.62 -4.65 -0.07	48.13 -4.36 -0.01	41.61 -3.66 -0.61	39.63 -3.81 -0.60	41.80 -3.93 -0.06	46.60 -4.63 -0.37	56.11 -5.01 0.01	61.35 -4.55 0.00	50.20 -4.13 0.00	44.46 -3.97 0.01	37.14 -2.67 0.00
GE_PLASTICS___DRP 24183	38.33 1.04 0.00	35.37 1.00 0.00	32.62 1.01 0.00	31.26 0.97 0.00	31.98 0.93 0.00	36.90 1.11 0.00	47.22 1.38 0.00	51.69 1.41 0.00	50.65 1.38 0.00	51.26 1.44 0.00	52.29 1.47 0.02	53.22 1.62 0.65	54.67 1.80 1.77	52.11 1.72 1.81	54.60 1.73 -0.39	59.53 1.47 -13.40	57.46 1.41 -13.20	59.32 1.51 -12.15	59.14 1.68 -6.59	63.15 2.02 0.00	67.35 1.45 0.00	55.46 1.14 0.00	49.60 1.16 0.00	40.80 1.00 0.00
GILBOA___1 23756	38.51 1.23 0.00	35.51 1.13 0.00	32.78 1.17 0.00	31.42 1.12 0.00	32.17 1.12 0.00	37.07 1.29 0.00	47.45 1.60 0.00	52.09 1.81 0.00	51.14 1.87 0.00	51.75 1.94 0.00	52.88 2.04 0.00	54.39 2.14 0.00	56.89 2.24 0.00	56.12 2.19 -1.73	55.16 2.36 -0.32	57.81 1.96 -11.19	55.67 1.80 -11.02	57.80 1.92 -10.21	58.48 2.14 -5.47	63.58 2.45 0.00	67.87 1.98 0.00	55.84 1.52 0.00	49.99 1.55 0.00	40.96 1.16 0.00
GILBOA___2 23757	38.51 1.23 0.00	35.51 1.13 0.00	32.78 1.17 0.00	31.42 1.12 0.00	32.17 1.12 0.00	37.07 1.29 0.00	47.45 1.60 0.00	52.09 1.81 0.00	51.14 1.87 0.00	51.75 1.94 0.00	52.88 2.04 0.00	54.39 2.14 0.00	56.89 2.24 0.00	56.12 2.19 -1.73	55.16 2.36 -0.32	57.81 1.96 -11.19	55.67 1.80 -11.02	57.80 1.92 -10.21	58.48 2.14 -5.47	63.58 2.45 0.00	67.87 1.98 0.00	55.84 1.52 0.00	49.99 1.55 0.00	40.96 1.16 0.00
GILBOA___3 23758	38.51 1.23 0.00	35.51 1.13 0.00	32.78 1.17 0.00	31.42 1.12 0.00	32.17 1.12 0.00	37.07 1.29 0.00	47.45 1.60 0.00	52.09 1.81 0.00	51.14 1.87 0.00	51.75 1.94 0.00	52.88 2.04 0.00	54.39 2.14 0.00	56.89 2.24 0.00	56.12 2.19 -1.73	55.16 2.36 -0.32	57.81 1.96 -11.19	55.67 1.80 -11.02	57.80 1.92 -10.21	58.48 2.14 -5.47	63.58 2.45 0.00	67.87 1.98 0.00	55.84 1.52 0.00	49.99 1.55 0.00	40.96 1.16 0.00

GILBOA___4 23759	38.51 1.23 0.00	35.51 1.13 0.00	32.78 1.17 0.00	31.42 1.12 0.00	32.17 1.12 0.00	37.07 1.29 0.00	47.45 1.60 0.00	52.09 1.81 0.00	51.14 1.87 0.00	51.75 1.94 0.00	52.88 2.04 0.00	54.39 2.14 0.00	56.89 2.24 0.00	56.12 2.19 -1.73	55.16 2.36 -0.32	57.81 1.96 -11.19	55.67 1.80 -11.02	57.80 1.92 -10.21	58.48 2.14 -5.47	63.58 2.45 0.00	67.87 1.98 0.00	55.84 1.52 0.00	49.99 1.55 0.00	40.96 1.16 0.00
GILBOA____ 23599	38.51 1.23 0.00	35.51 1.13 0.00	32.78 1.17 0.00	31.42 1.12 0.00	32.17 1.12 0.00	37.07 1.29 0.00	47.49 1.65 0.00	52.09 1.81 0.00	51.14 1.87 0.00	51.75 1.94 0.00	52.82 1.98 0.00	54.39 2.14 0.00	56.94 2.30 0.00	56.12 2.19 -1.73	55.16 2.36 -0.33	57.77 1.92 -11.19	55.63 1.76 -11.02	57.80 1.92 -10.21	58.49 2.14 -5.49	63.64 2.51 0.00	67.87 1.98 0.00	55.85 1.52 0.00	49.99 1.55 0.00	41.00 1.19 0.00
GINNA____ 23603	34.97 -2.31 0.00	31.97 -2.41 0.00	29.46 -2.15 0.00	28.17 -2.12 0.00	28.91 -2.14 0.00	33.18 -2.61 0.00	42.50 -3.34 0.00	46.86 -3.42 0.00	45.72 -3.55 0.00	46.02 -3.99 -0.20	46.82 -4.02 0.00	48.11 -4.13 0.01	50.42 -4.26 -0.04	47.75 -4.54 -0.10	48.08 -4.41 -0.01	41.17 -4.15 -0.66	39.47 -4.03 -0.65	41.23 -4.29 0.15	46.76 -4.53 -0.42	56.60 -4.52 0.00	61.09 -4.81 0.00	50.19 -4.13 0.00	44.51 -3.92 0.00	36.70 -3.11 0.00
GLEN PARK____ 23778	37.28 0.00 0.00	34.31 -0.07 0.00	31.61 0.00 0.00	30.20 -0.09 0.00	31.18 0.12 0.00	36.04 0.25 0.00	46.39 0.55 0.00	51.19 0.91 0.00	49.69 0.35 -0.08	53.29 0.20 -3.28	51.28 0.36 -0.08	52.19 -0.05 0.00	55.29 -0.16 -0.80	52.21 -0.10 -0.11	52.39 -0.10 -0.02	45.26 -0.13 -0.73	43.14 -0.43 -0.72	47.27 0.09 -1.51	52.55 -0.20 -1.89	64.17 0.74 -2.30	68.22 0.33 -1.99	55.68 0.70 -0.66	49.53 0.58 -0.51	40.13 0.32 0.00
GLENDALE_27_KV_LOAD 356172	40.15 2.87 0.00	36.99 2.61 0.00	34.27 2.66 0.00	32.87 2.58 0.00	33.60 2.55 0.00	38.58 2.79 0.00	49.83 3.99 0.00	54.86 4.58 0.00	54.05 4.78 0.00	55.04 5.23 0.00	56.18 5.34 0.00	57.84 5.59 0.00	60.66 6.01 0.00	59.57 5.53 -1.84	58.70 5.88 -0.35	61.10 4.51 -11.93	58.97 4.37 -11.75	61.12 4.66 -10.80	61.93 5.24 -5.82	67.55 6.42 0.00	71.56 5.67 0.00	58.29 3.97 0.00	51.88 3.44 0.00	42.40 2.59 0.00
GLENWOOD_IC_1_G5 23712	41.99 3.13 -1.58	37.24 2.85 -0.02	34.44 2.81 -0.02	33.04 2.73 -0.02	33.77 2.70 -0.02	38.92 3.11 -0.02	50.12 4.26 -0.01	55.08 4.78 -0.01	54.20 4.93 0.00	55.04 5.23 0.00	56.18 5.34 0.00	57.85 5.59 -0.01	60.67 6.01 -0.01	59.69 5.64 -1.85	58.77 5.93 -0.36	61.16 4.56 -11.94	60.13 4.41 -12.87	61.98 4.70 -11.61	69.31 5.24 -13.21	77.41 6.24 -10.05	71.68 5.67 -0.11	58.52 4.18 -0.02	52.23 3.78 -0.01	42.77 2.95 -0.02
GLENWOOD_IC_2_G1 23688	40.19 2.83 -0.07	36.99 2.61 0.00	34.21 2.59 0.00	32.81 2.51 0.00	33.54 2.49 0.00	38.65 2.86 0.00	49.69 3.85 0.00	54.71 4.43 0.00	53.85 4.58 0.00	54.74 4.93 0.00	55.88 5.03 0.00	57.47 5.22 0.00	60.16 5.52 0.00	59.30 5.27 -1.84	58.33 5.51 -0.34	60.88 4.29 -11.93	58.80 4.16 -11.80	60.93 4.43 -10.84	61.94 4.88 -6.19	67.52 5.93 -0.46	71.24 5.34 -0.01	58.13 3.80 0.00	51.88 3.44 0.00	42.36 2.55 0.00
GLENWOOD_IC_3_G1 23689	40.19 2.83 -0.07	36.99 2.61 0.00	34.21 2.59 0.00	32.81 2.51 0.00	33.54 2.49 0.00	38.65 2.86 0.00	49.69 3.85 0.00	54.71 4.43 0.00	53.85 4.58 0.00	54.74 4.93 0.00	55.88 5.03 0.00	57.47 5.22 0.00	60.16 5.52 0.00	59.30 5.27 -1.84	58.33 5.51 -0.34	60.88 4.29 -11.93	58.80 4.16 -11.80	60.93 4.43 -10.84	61.94 4.88 -6.19	67.52 5.93 -0.46	71.24 5.34 -0.01	58.13 3.80 0.00	51.88 3.44 0.00	42.36 2.55 0.00
GLENWOOD___4 23550	41.99 3.13 -1.58	37.24 2.85 -0.02	34.44 2.81 -0.02	33.04 2.73 -0.02	33.77 2.70 -0.02	38.92 3.11 -0.02	50.12 4.26 -0.01	55.08 4.78 -0.01	54.20 4.93 0.00	55.04 5.23 0.00	56.18 5.34 0.00	57.85 5.59 -0.01	60.67 6.01 -0.01	59.69 5.64 -1.85	58.77 5.93 -0.36	61.16 4.56 -11.94	60.13 4.41 -12.87	61.98 4.70 -11.61	69.31 5.24 -13.21	77.54 6.36 -10.05	71.74 5.73 -0.11	58.52 4.18 -0.02	52.23 3.78 -0.01	42.77 2.95 -0.02
GLENWOOD___5 23614	41.99 3.13 -1.58	37.24 2.85 -0.02	34.44 2.81 -0.02	33.04 2.73 -0.02	33.77 2.70 -0.02	38.92 3.11 -0.02	50.12 4.26 -0.01	55.08 4.78 -0.01	54.20 4.93 0.00	55.04 5.23 0.00	56.18 5.34 0.00	57.85 5.59 -0.01	60.67 6.01 -0.01	59.69 5.64 -1.85	58.77 5.93 -0.36	61.16 4.56 -11.94	60.13 4.41 -12.87	61.98 4.70 -11.61	69.31 5.24 -13.21	77.54 6.36 -10.05	71.74 5.73 -0.11	58.52 4.18 -0.02	52.23 3.78 -0.01	42.77 2.95 -0.02
GLOBAL GREEN_PORT_GT1 23814	41.67 3.39 -0.99	37.37 2.99 -0.01	34.56 2.94 -0.01	33.18 2.88 -0.01	33.98 2.92 -0.01	39.23 3.44 -0.01	50.43 4.58 -0.01	55.87 5.58 -0.01	54.59 5.32 0.00	55.34 5.53 0.00	56.48 5.64 0.00	58.11 5.85 -0.01	60.94 6.28 -0.01	60.15 6.10 -1.85	59.23 6.40 -0.35	61.78 5.18 -11.94	60.35 5.05 -12.45	62.00 5.02 -11.31	67.04 5.70 -10.48	74.60 7.15 -6.32	72.70 6.72 -0.08	58.95 4.61 -0.01	52.56 4.11 -0.01	42.72 2.90 -0.01
GLOBE___DSASP 323697	34.69 -2.57 0.02	31.25 -3.13 0.00	28.99 -2.62 0.00	27.75 -2.54 0.00	28.38 -2.67 0.00	32.28 -3.51 0.00	40.66 -5.18 0.00	45.16 -5.13 0.00	43.69 -5.57 0.01	43.69 -6.28 -0.15	44.63 -6.20 0.01	45.75 -6.48 0.02	47.55 -7.10 0.00	44.99 -7.26 -0.05	45.58 -6.87 0.02	39.40 -5.85 -0.59	37.64 -5.78 -0.58	39.52 -6.17 -0.02	44.37 -6.87 -0.37	53.79 -7.34 0.01	58.85 -7.05 0.00	48.46 -5.87 0.00	42.91 -5.52 0.01	35.91 -3.90 0.00
GOETHSLN___LBMP 323567	39.89 2.61 0.00	36.75 2.37 0.00	33.98 2.37 0.00	32.63 2.33 0.00	33.35 2.30 0.00	38.43 2.65 0.00	49.60 3.76 0.00	54.56 4.27 0.00	53.75 4.48 0.00	54.69 4.88 0.00	55.82 4.98 0.00	57.47 5.22 0.00	60.27 5.63 0.00	59.31 5.27 -1.84	58.39 5.56 -0.35	60.88 4.29 -11.93	58.71 4.11 -11.75	60.85 4.38 -10.80	61.62 4.93 -5.82	67.18 6.05 0.00	71.23 5.34 0.00	58.02 3.69 0.00	51.63 3.20 0.00	42.20 2.39 0.00
GOLAH___69_KV_TB 1_2 80279	36.61 -0.67 0.00	33.31 -1.07 0.00	30.76 -0.85 0.00	29.45 -0.85 0.00	30.18 -0.87 0.00	34.53 -1.25 0.00	43.96 -1.88 0.00	48.73 -1.56 0.00	47.34 -1.92 0.01	47.41 -2.59 -0.19	48.29 -2.54 0.01	49.52 -2.72 0.01	51.51 -3.17 -0.04	48.79 -3.50 -0.09	49.34 -3.15 -0.01	42.49 -2.81 -0.64	40.65 -2.83 -0.63	42.62 -3.06 -0.01	48.16 -3.10 -0.40	58.44 -2.69 0.00	63.33 -2.57 0.00	52.15 -2.17 0.00	46.20 -2.23 0.00	38.34 -1.47 0.00
GOODYEAR_LAKE_HYD 323669	38.85 1.57 0.00	35.78 1.41 0.00	33.00 1.39 0.00	31.60 1.30 0.00	32.42 1.37 0.00	37.40 1.61 0.00	49.55 3.71 0.00	54.71 4.43 0.00	53.41 4.14 -0.01	53.96 4.13 -0.01	55.22 4.37 -0.01	56.61 4.28 -0.08	59.34 4.48 -0.21	57.47 4.44 -0.83	57.00 4.46 -0.06	51.09 3.75 -2.68	48.57 3.09 -2.64	52.08 3.65 -2.76	54.87 2.54 -1.46	65.04 3.30 -0.61	69.32 2.90 -0.53	56.72 2.23 -0.17	50.61 2.03 -0.14	41.36 1.55 0.00

GOUDEY___1 345031	37.95 0.67 0.00	34.86 0.48 0.00	32.15 0.54 0.00	30.75 0.45 0.00	31.55 0.50 0.00	36.32 0.54 0.00	46.62 0.78 0.00	51.04 0.75 0.00	50.01 0.74 0.00	50.57 0.75 -0.01	51.61 0.76 0.00	53.03 0.78 0.00	55.41 0.77 0.00	53.60 0.73 -0.67	53.43 0.84 -0.12	51.26 0.80 -5.80	49.25 0.69 -5.71	52.97 0.78 -6.53	54.85 0.86 -3.12	63.39 1.22 -1.04	67.84 1.05 -0.89	55.27 0.65 -0.29	49.16 0.48 -0.24	40.25 0.44 0.00
GOUDEY___7 23579	37.95 0.67 0.00	34.86 0.48 0.00	32.15 0.54 0.00	30.75 0.45 0.00	31.55 0.50 0.00	36.32 0.54 0.00	46.62 0.78 0.00	51.04 0.75 0.00	50.01 0.74 0.00	50.57 0.75 -0.01	51.61 0.76 0.00	53.03 0.78 0.00	55.41 0.77 0.00	53.60 0.73 -0.67	53.43 0.84 -0.12	51.26 0.80 -5.80	49.25 0.69 -5.71	52.97 0.78 -6.53	54.85 0.86 -3.12	63.39 1.22 -1.04	67.84 1.05 -0.89	55.27 0.65 -0.29	49.16 0.48 -0.24	40.25 0.44 0.00
GOUDEY___8 23580	37.95 0.67 0.00	34.86 0.48 0.00	32.15 0.54 0.00	30.75 0.45 0.00	31.55 0.50 0.00	36.32 0.54 0.00	46.62 0.78 0.00	51.04 0.75 0.00	50.01 0.74 0.00	50.57 0.75 -0.01	51.61 0.76 0.00	53.03 0.78 0.00	55.41 0.77 0.00	53.60 0.73 -0.67	53.43 0.84 -0.12	51.26 0.80 -5.80	49.25 0.69 -5.71	52.97 0.78 -6.53	54.85 0.86 -3.12	63.39 1.22 -1.04	67.84 1.05 -0.89	55.27 0.65 -0.29	49.16 0.48 -0.24	40.25 0.44 0.00
GOWANUS_GT1_1 24077	40.23 2.95 -0.01	37.10 2.72 -0.01	34.37 2.75 -0.01	32.97 2.67 -0.01	33.70 2.64 -0.01	38.69 2.90 -0.01	49.93 4.08 -0.01	54.96 4.68 0.00	54.10 4.83 0.00	55.09 5.28 0.00	56.23 5.39 0.00	57.89 5.64 0.00	60.66 6.01 0.00	59.57 5.53 -1.84	58.70 5.88 -0.35	61.10 4.51 -11.93	58.97 4.37 -11.75	61.17 4.70 -10.80	61.99 5.29 -5.83	67.68 6.54 -0.01	71.64 5.73 -0.01	58.41 4.07 -0.01	51.98 3.54 -0.01	42.52 2.71 -0.01
GOWANUS_GT1_2 24078	40.23 2.95 -0.01	37.10 2.72 -0.01	34.37 2.75 -0.01	32.97 2.67 -0.01	33.70 2.64 -0.01	38.69 2.90 -0.01	49.93 4.08 -0.01	54.96 4.68 0.00	54.10 4.83 0.00	55.09 5.28 0.00	56.23 5.39 0.00	57.89 5.64 0.00	60.66 6.01 0.00	59.57 5.53 -1.84	58.70 5.88 -0.35	61.10 4.51 -11.93	58.97 4.37 -11.75	61.17 4.70 -10.80	61.99 5.29 -5.83	67.68 6.54 -0.01	71.64 5.73 -0.01	58.41 4.07 -0.01	51.98 3.54 -0.01	42.52 2.71 -0.01
GOWANUS_GT1_3 24079	40.23 2.95 -0.01	37.10 2.72 -0.01	34.37 2.75 -0.01	32.97 2.67 -0.01	33.70 2.64 -0.01	38.69 2.90 -0.01	49.93 4.08 -0.01	54.96 4.68 0.00	54.10 4.83 0.00	55.09 5.28 0.00	56.23 5.39 0.00	57.89 5.64 0.00	60.66 6.01 0.00	59.57 5.53 -1.84	58.70 5.88 -0.35	61.10 4.51 -11.93	58.97 4.37 -11.75	61.17 4.70 -10.80	61.99 5.29 -5.83	67.68 6.54 -0.01	71.64 5.73 -0.01	58.41 4.07 -0.01	51.98 3.54 -0.01	42.52 2.71 -0.01
GOWANUS_GT1_4 24080	40.23 2.95 -0.01	37.10 2.72 -0.01	34.37 2.75 -0.01	32.97 2.67 -0.01	33.70 2.64 -0.01	38.69 2.90 -0.01	49.93 4.08 -0.01	54.96 4.68 0.00	54.10 4.83 0.00	55.09 5.28 0.00	56.23 5.39 0.00	57.89 5.64 0.00	60.66 6.01 0.00	59.57 5.53 -1.84	58.70 5.88 -0.35	61.10 4.51 -11.93	58.97 4.37 -11.75	61.17 4.70 -10.80	61.99 5.29 -5.83	67.68 6.54 -0.01	71.64 5.73 -0.01	58.41 4.07 -0.01	51.98 3.54 -0.01	42.52 2.71 -0.01
GOWANUS_GT1_5 24084	40.23 2.95 -0.01	37.10 2.72 -0.01	34.37 2.75 -0.01	32.97 2.67 -0.01	33.70 2.64 -0.01	38.69 2.90 -0.01	49.93 4.08 -0.01	54.96 4.68 0.00	54.10 4.83 0.00	55.09 5.28 0.00	56.23 5.39 0.00	57.89 5.64 0.00	60.66 6.01 0.00	59.57 5.53 -1.84	58.70 5.88 -0.35	61.10 4.51 -11.93	58.97 4.37 -11.75	61.17 4.70 -10.80	61.99 5.29 -5.83	67.68 6.54 -0.01	71.64 5.73 -0.01	58.41 4.07 -0.01	51.98 3.54 -0.01	42.52 2.71 -0.01
GOWANUS_GT1_6 24111	40.23 2.95 -0.01	37.10 2.72 -0.01	34.37 2.75 -0.01	32.97 2.67 -0.01	33.70 2.64 -0.01	38.69 2.90 -0.01	49.93 4.08 -0.01	54.96 4.68 0.00	54.10 4.83 0.00	55.09 5.28 0.00	56.23 5.39 0.00	57.89 5.64 0.00	60.66 6.01 0.00	59.57 5.53 -1.84	58.70 5.88 -0.35	61.10 4.51 -11.93	58.97 4.37 -11.75	61.17 4.70 -10.80	61.99 5.29 -5.83	67.68 6.54 -0.01	71.64 5.73 -0.01	58.41 4.07 -0.01	51.98 3.54 -0.01	42.52 2.71 -0.01
GOWANUS_GT1_7 24112	40.23 2.95 -0.01	37.10 2.72 -0.01	34.37 2.75 -0.01	32.97 2.67 -0.01	33.70 2.64 -0.01	38.69 2.90 -0.01	49.93 4.08 -0.01	54.96 4.68 0.00	54.10 4.83 0.00	55.09 5.28 0.00	56.23 5.39 0.00	57.89 5.64 0.00	60.66 6.01 0.00	59.57 5.53 -1.84	58.70 5.88 -0.35	61.10 4.51 -11.93	58.97 4.37 -11.75	61.17 4.70 -10.80	61.99 5.29 -5.83	67.68 6.54 -0.01	71.64 5.73 -0.01	58.41 4.07 -0.01	51.98 3.54 -0.01	42.52 2.71 -0.01
GOWANUS_GT1_8 24113	40.23 2.95 -0.01	37.10 2.72 -0.01	34.37 2.75 -0.01	32.97 2.67 -0.01	33.70 2.64 -0.01	38.69 2.90 -0.01	49.93 4.08 -0.01	54.96 4.68 0.00	54.10 4.83 0.00	55.09 5.28 0.00	56.23 5.39 0.00	57.89 5.64 0.00	60.66 6.01 0.00	59.57 5.53 -1.84	58.70 5.88 -0.35	61.10 4.51 -11.93	58.97 4.37 -11.75	61.17 4.70 -10.80	61.99 5.29 -5.83	67.68 6.54 -0.01	71.64 5.73 -0.01	58.41 4.07 -0.01	51.98 3.54 -0.01	42.52 2.71 -0.01
GOWANUS_GT2_1 24114	40.23 2.94 -0.01	37.10 2.72 -0.01	34.37 2.75 -0.01	32.97 2.67 -0.01	33.70 2.64 -0.01	38.69 2.90 -0.01	49.84 3.99 -0.01	54.91 4.62 0.00	54.10 4.83 0.00	55.04 5.23 0.00	56.28 5.44 0.00	57.89 5.64 0.00	60.55 5.90 0.00	59.56 5.53 -1.84	58.64 5.82 -0.34	61.15 4.56 -11.93	59.01 4.41 -11.75	61.17 4.70 -10.80	62.01 5.29 -5.85	67.50 6.36 -0.01	71.64 5.73 -0.01	58.41 4.08 -0.01	51.98 3.53 -0.01	42.40 2.59 -0.01
GOWANUS_GT2_2 24115	40.23 2.94 -0.01	37.10 2.72 -0.01	34.37 2.75 -0.01	32.97 2.67 -0.01	33.70 2.64 -0.01	38.69 2.90 -0.01	49.84 3.99 -0.01	54.91 4.62 0.00	54.10 4.83 0.00	55.04 5.23 0.00	56.28 5.44 0.00	57.89 5.64 0.00	60.55 5.90 0.00	59.56 5.53 -1.84	58.64 5.82 -0.34	61.15 4.56 -11.93	59.01 4.41 -11.75	61.17 4.70 -10.80	62.01 5.29 -5.85	67.50 6.36 -0.01	71.64 5.73 -0.01	58.41 4.08 -0.01	51.98 3.53 -0.01	42.40 2.59 -0.01
GOWANUS_GT2_3 24116	40.23 2.94 -0.01	37.10 2.72 -0.01	34.37 2.75 -0.01	32.97 2.67 -0.01	33.70 2.64 -0.01	38.69 2.90 -0.01	49.84 3.99 -0.01	54.91 4.62 0.00	54.10 4.83 0.00	55.04 5.23 0.00	56.28 5.44 0.00	57.89 5.64 0.00	60.55 5.90 0.00	59.56 5.53 -1.84	58.64 5.82 -0.34	61.15 4.56 -11.93	59.01 4.41 -11.75	61.17 4.70 -10.80	62.01 5.29 -5.85	67.50 6.36 -0.01	71.64 5.73 -0.01	58.41 4.08 -0.01	51.98 3.53 -0.01	42.40 2.59 -0.01
GOWANUS_GT2_4 24117	40.23 2.94 -0.01	37.10 2.72 -0.01	34.37 2.75 -0.01	32.97 2.67 -0.01	33.70 2.64 -0.01	38.69 2.90 -0.01	49.84 3.99 -0.01	54.91 4.62 0.00	54.10 4.83 0.00	55.04 5.23 0.00	56.28 5.44 0.00	57.89 5.64 0.00	60.55 5.90 0.00	59.56 5.53 -1.84	58.64 5.82 -0.34	61.15 4.56 -11.93	59.01 4.41 -11.75	61.17 4.70 -10.80	62.01 5.29 -5.85	67.50 6.36 -0.01	71.64 5.73 -0.01	58.41 4.08 -0.01	51.98 3.53 -0.01	42.40 2.59 -0.01

GOWANUS_GT2_5 24118	40.23 2.94 -0.01	37.10 2.72 -0.01	34.37 2.75 -0.01	32.97 2.67 -0.01	33.70 2.64 -0.01	38.69 2.90 -0.01	49.84 3.99 -0.01	54.91 4.62 0.00	54.10 4.83 0.00	55.04 5.23 0.00	56.28 5.44 0.00	57.89 5.64 0.00	60.55 5.90 0.00	59.56 5.53 -1.84	58.64 5.82 -0.34	61.15 4.56 -11.93	59.01 4.41 -11.75	61.17 4.70 -10.80	62.01 5.29 -5.85	67.50 6.36 -0.01	71.64 5.73 -0.01	58.41 4.08 -0.01	51.98 3.53 -0.01	42.40 2.59 -0.01
GOWANUS_GT2_6 24119	40.23 2.94 -0.01	37.10 2.72 -0.01	34.37 2.75 -0.01	32.97 2.67 -0.01	33.70 2.64 -0.01	38.69 2.90 -0.01	49.84 3.99 -0.01	54.91 4.62 0.00	54.10 4.83 0.00	55.04 5.23 0.00	56.28 5.44 0.00	57.89 5.64 0.00	60.55 5.90 0.00	59.56 5.53 -1.84	58.64 5.82 -0.34	61.15 4.56 -11.93	59.01 4.41 -11.75	61.17 4.70 -10.80	62.01 5.29 -5.85	67.50 6.36 -0.01	71.64 5.73 -0.01	58.41 4.08 -0.01	51.98 3.53 -0.01	42.40 2.59 -0.01
GOWANUS_GT2_7 24120	40.23 2.94 -0.01	37.10 2.72 -0.01	34.37 2.75 -0.01	32.97 2.67 -0.01	33.70 2.64 -0.01	38.69 2.90 -0.01	49.84 3.99 -0.01	54.91 4.62 0.00	54.10 4.83 0.00	55.04 5.23 0.00	56.28 5.44 0.00	57.89 5.64 0.00	60.55 5.90 0.00	59.56 5.53 -1.84	58.64 5.82 -0.34	61.15 4.56 -11.93	59.01 4.41 -11.75	61.17 4.70 -10.80	62.01 5.29 -5.85	67.50 6.36 -0.01	71.64 5.73 -0.01	58.41 4.08 -0.01	51.98 3.53 -0.01	42.40 2.59 -0.01
GOWANUS_GT2_8 24121	40.23 2.94 -0.01	37.10 2.72 -0.01	34.37 2.75 -0.01	32.97 2.67 -0.01	33.70 2.64 -0.01	38.69 2.90 -0.01	49.84 3.99 -0.01	54.91 4.62 0.00	54.10 4.83 0.00	55.04 5.23 0.00	56.28 5.44 0.00	57.89 5.64 0.00	60.55 5.90 0.00	59.56 5.53 -1.84	58.64 5.82 -0.34	61.15 4.56 -11.93	59.01 4.41 -11.75	61.17 4.70 -10.80	62.01 5.29 -5.85	67.50 6.36 -0.01	71.64 5.73 -0.01	58.41 4.08 -0.01	51.98 3.53 -0.01	42.40 2.59 -0.01
GOWANUS_GT3_1 24122	40.23 2.94 -0.01	37.10 2.72 -0.01	34.37 2.75 -0.01	32.97 2.67 -0.01	33.70 2.64 -0.01	38.69 2.90 -0.01	49.84 3.99 -0.01	54.91 4.62 0.00	54.10 4.83 0.00	55.04 5.23 0.00	56.28 5.44 0.00	57.89 5.64 0.00	60.55 5.90 0.00	59.56 5.53 -1.84	58.64 5.82 -0.34	61.15 4.56 -11.93	59.01 4.41 -11.75	61.17 4.70 -10.80	62.01 5.29 -5.85	67.50 6.36 -0.01	71.64 5.73 -0.01	58.41 4.08 -0.01	51.98 3.53 -0.01	42.40 2.59 -0.01
GOWANUS_GT3_2 24123	40.23 2.94 -0.01	37.10 2.72 -0.01	34.37 2.75 -0.01	32.97 2.67 -0.01	33.70 2.64 -0.01	38.69 2.90 -0.01	49.84 3.99 -0.01	54.91 4.62 0.00	54.10 4.83 0.00	55.04 5.23 0.00	56.28 5.44 0.00	57.89 5.64 0.00	60.55 5.90 0.00	59.56 5.53 -1.84	58.64 5.82 -0.34	61.15 4.56 -11.93	59.01 4.41 -11.75	61.17 4.70 -10.80	62.01 5.29 -5.85	67.50 6.36 -0.01	71.64 5.73 -0.01	58.41 4.08 -0.01	51.98 3.53 -0.01	42.40 2.59 -0.01
GOWANUS_GT3_3 24124	40.23 2.94 -0.01	37.10 2.72 -0.01	34.37 2.75 -0.01	32.97 2.67 -0.01	33.70 2.64 -0.01	38.69 2.90 -0.01	49.84 3.99 -0.01	54.91 4.62 0.00	54.10 4.83 0.00	55.04 5.23 0.00	56.28 5.44 0.00	57.89 5.64 0.00	60.55 5.90 0.00	59.56 5.53 -1.84	58.64 5.82 -0.34	61.15 4.56 -11.93	59.01 4.41 -11.75	61.17 4.70 -10.80	62.01 5.29 -5.85	67.50 6.36 -0.01	71.64 5.73 -0.01	58.41 4.08 -0.01	51.98 3.53 -0.01	42.40 2.59 -0.01
GOWANUS_GT3_4 24125	40.23 2.94 -0.01	37.10 2.72 -0.01	34.37 2.75 -0.01	32.97 2.67 -0.01	33.70 2.64 -0.01	38.69 2.90 -0.01	49.84 3.99 -0.01	54.91 4.62 0.00	54.10 4.83 0.00	55.04 5.23 0.00	56.28 5.44 0.00	57.89 5.64 0.00	60.55 5.90 0.00	59.56 5.53 -1.84	58.64 5.82 -0.34	61.15 4.56 -11.93	59.01 4.41 -11.75	61.17 4.70 -10.80	62.01 5.29 -5.85	67.50 6.36 -0.01	71.64 5.73 -0.01	58.41 4.08 -0.01	51.98 3.53 -0.01	42.40 2.59 -0.01
GOWANUS_GT3_5 24126	40.23 2.94 -0.01	37.10 2.72 -0.01	34.37 2.75 -0.01	32.97 2.67 -0.01	33.70 2.64 -0.01	38.69 2.90 -0.01	49.84 3.99 -0.01	54.91 4.62 0.00	54.10 4.83 0.00	55.04 5.23 0.00	56.28 5.44 0.00	57.89 5.64 0.00	60.55 5.90 0.00	59.56 5.53 -1.84	58.64 5.82 -0.34	61.15 4.56 -11.93	59.01 4.41 -11.75	61.17 4.70 -10.80	62.01 5.29 -5.85	67.50 6.36 -0.01	71.64 5.73 -0.01	58.41 4.08 -0.01	51.98 3.53 -0.01	42.40 2.59 -0.01
GOWANUS_GT3_6 24127	40.23 2.94 -0.01	37.10 2.72 -0.01	34.37 2.75 -0.01	32.97 2.67 -0.01	33.70 2.64 -0.01	38.69 2.90 -0.01	49.84 3.99 -0.01	54.91 4.62 0.00	54.10 4.83 0.00	55.04 5.23 0.00	56.28 5.44 0.00	57.89 5.64 0.00	60.55 5.90 0.00	59.56 5.53 -1.84	58.64 5.82 -0.34	61.15 4.56 -11.93	59.01 4.41 -11.75	61.17 4.70 -10.80	62.01 5.29 -5.85	67.50 6.36 -0.01	71.64 5.73 -0.01	58.41 4.08 -0.01	51.98 3.53 -0.01	42.40 2.59 -0.01
GOWANUS_GT3_7 24128	40.23 2.94 -0.01	37.10 2.72 -0.01	34.37 2.75 -0.01	32.97 2.67 -0.01	33.70 2.64 -0.01	38.69 2.90 -0.01	49.84 3.99 -0.01	54.91 4.62 0.00	54.10 4.83 0.00	55.04 5.23 0.00	56.28 5.44 0.00	57.89 5.64 0.00	60.55 5.90 0.00	59.56 5.53 -1.84	58.64 5.82 -0.34	61.15 4.56 -11.93	59.01 4.41 -11.75	61.17 4.70 -10.80	62.01 5.29 -5.85	67.50 6.36 -0.01	71.64 5.73 -0.01	58.41 4.08 -0.01	51.98 3.53 -0.01	42.40 2.59 -0.01
GOWANUS_GT3_8 24129	40.23 2.94 -0.01	37.10 2.72 -0.01	34.37 2.75 -0.01	32.97 2.67 -0.01	33.70 2.64 -0.01	38.69 2.90 -0.01	49.84 3.99 -0.01	54.91 4.62 0.00	54.10 4.83 0.00	55.04 5.23 0.00	56.28 5.44 0.00	57.89 5.64 0.00	60.55 5.90 0.00	59.56 5.53 -1.84	58.64 5.82 -0.34	61.15 4.56 -11.93	59.01 4.41 -11.75	61.17 4.70 -10.80	62.01 5.29 -5.85	67.50 6.36 -0.01	71.64 5.73 -0.01	58.41 4.08 -0.01	51.98 3.53 -0.01	42.40 2.59 -0.01
GOWANUS_GT4_1 24130	40.23 2.95 -0.01	37.10 2.72 -0.01	34.37 2.75 -0.01	32.97 2.67 -0.01	33.70 2.64 -0.01	38.69 2.90 -0.01	49.93 4.08 -0.01	54.96 4.68 0.00	54.10 4.83 0.00	55.09 5.28 0.00	56.23 5.39 0.00	57.89 5.64 0.00	60.66 6.01 0.00	59.57 5.53 -1.84	58.70 5.88 -0.35	61.10 4.51 -11.93	58.97 4.37 -11.75	61.17 4.70 -10.80	61.99 5.29 -5.83	67.68 6.54 -0.01	71.64 5.73 -0.01	58.41 4.07 -0.01	51.98 3.54 -0.01	42.52 2.71 -0.01
GOWANUS_GT4_2 24131	40.23 2.95 -0.01	37.10 2.72 -0.01	34.37 2.75 -0.01	32.97 2.67 -0.01	33.70 2.64 -0.01	38.69 2.90 -0.01	49.93 4.08 -0.01	54.96 4.68 0.00	54.10 4.83 0.00	55.09 5.28 0.00	56.23 5.39 0.00	57.89 5.64 0.00	60.66 6.01 0.00	59.57 5.53 -1.84	58.70 5.88 -0.35	61.10 4.51 -11.93	58.97 4.37 -11.75	61.17 4.70 -10.80	61.99 5.29 -5.83	67.68 6.54 -0.01	71.64 5.73 -0.01	58.41 4.07 -0.01	51.98 3.54 -0.01	42.52 2.71 -0.01
GOWANUS_GT4_3 24132	40.23 2.95 -0.01	37.10 2.72 -0.01	34.37 2.75 -0.01	32.97 2.67 -0.01	33.70 2.64 -0.01	38.69 2.90 -0.01	49.93 4.08 -0.01	54.96 4.68 0.00	54.10 4.83 0.00	55.09 5.28 0.00	56.23 5.39 0.00	57.89 5.64 0.00	60.66 6.01 0.00	59.57 5.53 -1.84	58.70 5.88 -0.35	61.10 4.51 -11.93	58.97 4.37 -11.75	61.17 4.70 -10.80	61.99 5.29 -5.83	67.68 6.54 -0.01	71.64 5.73 -0.01	58.41 4.07 -0.01	51.98 3.54 -0.01	42.52 2.71 -0.01

GOWANUS_GT4_4 24133	40.23 2.95 -0.01	37.10 2.72 -0.01	34.37 2.75 -0.01	32.97 2.67 -0.01	33.70 2.64 -0.01	38.69 2.90 -0.01	49.93 4.08 -0.01	54.96 4.68 0.00	54.10 4.83 0.00	55.09 5.28 0.00	56.23 5.39 0.00	57.89 5.64 0.00	60.66 6.01 0.00	59.57 5.53 -1.84	58.70 5.88 -0.35	61.10 4.51 -11.93	58.97 4.37 -11.75	61.17 4.70 -10.80	61.99 5.29 -5.83	67.68 6.54 -0.01	71.64 5.73 -0.01	58.41 4.07 -0.01	51.98 3.54 -0.01	42.52 2.71 -0.01
GOWANUS_GT4_5 24134	40.23 2.95 -0.01	37.10 2.72 -0.01	34.37 2.75 -0.01	32.97 2.67 -0.01	33.70 2.64 -0.01	38.69 2.90 -0.01	49.93 4.08 -0.01	54.96 4.68 0.00	54.10 4.83 0.00	55.09 5.28 0.00	56.23 5.39 0.00	57.89 5.64 0.00	60.66 6.01 0.00	59.57 5.53 -1.84	58.70 5.88 -0.35	61.10 4.51 -11.93	58.97 4.37 -11.75	61.17 4.70 -10.80	61.99 5.29 -5.83	67.68 6.54 -0.01	71.64 5.73 -0.01	58.41 4.07 -0.01	51.98 3.54 -0.01	42.52 2.71 -0.01
GOWANUS_GT4_6 24135	40.23 2.95 -0.01	37.10 2.72 -0.01	34.37 2.75 -0.01	32.97 2.67 -0.01	33.70 2.64 -0.01	38.69 2.90 -0.01	49.93 4.08 -0.01	54.96 4.68 0.00	54.10 4.83 0.00	55.09 5.28 0.00	56.23 5.39 0.00	57.89 5.64 0.00	60.66 6.01 0.00	59.57 5.53 -1.84	58.70 5.88 -0.35	61.10 4.51 -11.93	58.97 4.37 -11.75	61.17 4.70 -10.80	61.99 5.29 -5.83	67.68 6.54 -0.01	71.64 5.73 -0.01	58.41 4.07 -0.01	51.98 3.54 -0.01	42.52 2.71 -0.01
GOWANUS_GT4_7 24136	40.23 2.95 -0.01	37.10 2.72 -0.01	34.37 2.75 -0.01	32.97 2.67 -0.01	33.70 2.64 -0.01	38.69 2.90 -0.01	49.93 4.08 -0.01	54.96 4.68 0.00	54.10 4.83 0.00	55.09 5.28 0.00	56.23 5.39 0.00	57.89 5.64 0.00	60.66 6.01 0.00	59.57 5.53 -1.84	58.70 5.88 -0.35	61.10 4.51 -11.93	58.97 4.37 -11.75	61.17 4.70 -10.80	61.99 5.29 -5.83	67.68 6.54 -0.01	71.64 5.73 -0.01	58.41 4.07 -0.01	51.98 3.54 -0.01	42.52 2.71 -0.01
GOWANUS_GT4_8 24137	40.23 2.95 -0.01	37.10 2.72 -0.01	34.37 2.75 -0.01	32.97 2.67 -0.01	33.70 2.64 -0.01	38.69 2.90 -0.01	49.93 4.08 -0.01	54.96 4.68 0.00	54.10 4.83 0.00	55.09 5.28 0.00	56.23 5.39 0.00	57.89 5.64 0.00	60.66 6.01 0.00	59.57 5.53 -1.84	58.70 5.88 -0.35	61.10 4.51 -11.93	58.97 4.37 -11.75	61.17 4.70 -10.80	61.99 5.29 -5.83	67.68 6.54 -0.01	71.64 5.73 -0.01	58.41 4.07 -0.01	51.98 3.54 -0.01	42.52 2.71 -0.01
GREENBSH_115KV_TB3 55895	38.25 0.97 0.00	35.34 0.96 0.00	32.62 1.01 0.00	31.23 0.94 0.00	31.98 0.93 0.00	36.86 1.07 0.00	47.17 1.33 0.00	51.59 1.31 0.00	50.55 1.28 0.00	51.16 1.34 0.00	52.18 1.37 0.04	52.75 1.52 1.01	53.58 1.69 2.76	49.85 1.62 3.97	54.54 1.68 -0.39	59.55 1.43 -13.45	57.43 1.33 -13.25	59.33 1.46 -12.20	59.06 1.58 -6.62	63.03 1.90 0.00	67.15 1.25 0.00	55.30 0.98 0.00	49.50 1.07 0.00	40.73 0.92 0.00
GREENDGE_115KV_TB5 80291	37.09 -0.19 0.00	33.83 -0.55 0.00	31.23 -0.38 0.00	29.84 -0.45 0.00	30.68 -0.37 0.00	35.21 -0.57 0.00	45.06 -0.78 0.00	49.73 -0.55 0.00	48.59 -0.64 0.04	49.06 -0.90 -0.15	49.74 -1.07 0.04	51.00 -1.20 0.04	53.22 -1.42 0.01	50.58 -1.46 0.16	51.17 -1.26 0.05	43.76 -1.30 -0.39	41.99 -1.24 -0.39	45.74 -1.14 -1.22	50.65 -1.02 -0.80	60.93 -0.79 -0.60	65.83 -0.59 -0.53	53.68 -0.81 -0.17	47.44 -1.11 -0.12	39.13 -0.68 0.00
GREENIDGE___3 23582	37.09 -0.19 0.00	33.83 -0.55 0.00	31.23 -0.38 0.00	29.84 -0.45 0.00	30.68 -0.37 0.00	35.21 -0.57 0.00	45.06 -0.78 0.00	49.73 -0.55 0.00	48.59 -0.64 0.04	49.06 -0.90 -0.15	49.74 -1.07 0.04	51.00 -1.20 0.04	53.22 -1.42 0.01	50.58 -1.46 0.16	51.17 -1.26 0.05	43.76 -1.30 -0.39	41.99 -1.24 -0.39	45.74 -1.14 -1.22	50.65 -1.02 -0.80	60.93 -0.79 -0.60	65.83 -0.59 -0.53	53.68 -0.81 -0.17	47.44 -1.11 -0.12	39.13 -0.68 0.00
GREENIDGE___4 23583	37.10 -0.19 0.00	33.82 -0.55 0.00	31.23 -0.38 0.00	29.84 -0.45 0.00	30.68 -0.37 0.00	35.21 -0.57 0.00	45.29 -0.55 0.00	49.73 -0.55 0.00	48.59 -0.64 0.04	49.01 -0.95 -0.15	49.74 -1.07 0.04	51.01 -1.20 0.04	53.10 -1.53 0.02	50.63 -1.41 0.16	51.10 -1.31 0.07	43.76 -1.30 -0.39	42.04 -1.20 -0.39	45.79 -1.10 -1.22	50.61 -1.07 -0.82	61.06 -0.67 -0.60	65.96 -0.46 -0.53	53.68 -0.81 -0.17	47.45 -1.11 -0.12	39.05 -0.76 0.00
GREENLWN_69_KV_BK 3 55738	41.50 3.21 -1.01	37.31 2.92 -0.01	34.50 2.88 -0.01	33.09 2.79 -0.01	33.83 2.76 -0.01	38.98 3.19 -0.01	50.21 4.35 -0.01	55.02 4.73 -0.01	54.15 4.88 0.00	54.89 5.08 0.00	55.62 4.78 0.00	57.27 5.02 -0.01	60.06 5.41 -0.01	59.05 5.01 -1.85	58.19 5.35 -0.36	60.71 4.11 -11.94	59.30 3.98 -12.46	61.28 4.29 -11.32	66.14 4.73 -10.54	73.54 5.99 -6.42	71.24 5.27 -0.07	57.97 3.64 -0.01	52.22 3.78 -0.01	42.85 3.03 -0.01
GREENWD_138_KV_38B11_REV_LBMP_J 345004	40.23 2.95 -0.01	37.10 2.72 -0.01	34.37 2.75 -0.01	32.97 2.67 -0.01	33.70 2.64 -0.01	38.69 2.90 -0.01	49.93 4.08 -0.01	54.96 4.68 0.00	54.10 4.83 0.00	55.09 5.28 0.00	56.23 5.39 0.00	57.89 5.64 0.00	60.66 6.01 0.00	59.57 5.53 -1.84	58.70 5.88 -0.35	61.10 4.51 -11.93	58.97 4.37 -11.75	61.17 4.70 -10.80	61.99 5.29 -5.83	67.68 6.54 -0.01	71.64 5.73 -0.01	58.41 4.07 -0.01	51.98 3.54 -0.01	42.52 2.71 -0.01
GRISSOM___SOLAR 323813	39.26 1.97 0.00	36.20 1.82 0.00	33.32 1.71 0.00	31.90 1.60 0.00	32.63 1.58 0.00	37.75 1.97 0.00	48.68 2.84 0.00	53.20 2.92 0.00	51.93 2.66 0.00	52.20 2.39 0.00	53.29 2.44 -0.01	55.00 2.56 -0.19	57.95 2.79 -0.52	58.30 2.71 -3.39	55.52 2.62 -0.43	61.53 2.45 -14.42	59.28 2.23 -14.20	61.37 2.60 -13.10	60.84 2.74 -7.23	64.67 3.54 0.00	69.19 3.29 0.00	56.99 2.66 0.00	50.95 2.52 0.00	41.76 1.95 0.00
GROVEVILLE___HYD 323602	39.97 2.68 0.00	36.82 2.44 0.00	34.02 2.40 0.00	32.60 2.30 0.00	33.35 2.30 0.00	38.43 2.65 0.00	49.46 3.62 0.00	54.36 4.07 0.00	53.51 4.24 0.00	54.34 4.53 0.00	55.42 4.58 0.00	57.05 4.81 0.00	59.95 5.30 0.00	58.97 4.91 -1.87	57.87 5.04 -0.35	60.63 3.84 -12.13	58.48 3.69 -11.94	60.58 3.93 -10.98	61.12 4.32 -5.93	66.51 5.38 0.00	70.97 5.07 0.00	57.91 3.59 0.00	51.63 3.20 0.00	42.28 2.47 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	37.39 0.11 0.00	34.38 0.00 0.00	31.68 0.06 0.00	30.30 0.00 0.00	31.08 0.03 0.00	35.82 0.04 0.00	45.89 0.05 0.00	50.38 0.10 0.00	49.33 0.05 -0.01	50.18 0.00 -0.37	50.90 0.05 -0.01	52.30 0.05 0.00	54.74 0.00 -0.09	52.34 -0.05 -0.20	52.57 0.05 -0.04	45.50 -0.09 -0.92	43.63 -0.13 -0.91	47.35 -0.18 -1.87	53.09 -0.15 -2.38	64.01 0.12 -2.75	68.21 -0.07 -2.38	54.89 -0.22 -0.78	48.75 -0.29 -0.60	39.65 -0.16 0.00
HAMLTNNY_34_KV_TB 80303	37.43 0.15 0.00	34.38 0.00 0.00	31.68 0.06 0.00	30.30 0.00 0.00	31.11 0.06 0.00	35.82 0.04 0.00	45.89 0.05 0.00	50.38 0.10 0.00	49.33 0.05 -0.01	50.13 0.00 -0.32	50.85 0.00 -0.01	52.25 0.00 0.00	54.62 -0.11 -0.08	52.19 -0.21 -0.20	52.51 0.00 -0.04	45.37 -0.22 -0.93	43.55 -0.21 -0.91	47.21 -0.27 -1.81	52.96 -0.20 -2.30	63.89 0.12 -2.63	68.17 0.00 -2.28	54.91 -0.16 -0.75	48.72 -0.29 -0.58	39.65 -0.16 0.00

HAMPSHIRE___PAPER_HYD 323593	36.13 -1.16 0.00	33.38 -1.00 0.00	30.69 -0.92 0.00	29.39 -0.91 0.00	30.24 -0.81 0.00	34.93 -0.86 0.00	44.88 -0.96 0.00	49.48 -0.81 0.00	48.62 -0.84 -0.19	57.50 -0.65 -8.34	50.48 -0.56 -0.19	51.41 -0.84 0.00	55.71 -0.98 -2.04	51.22 -1.04 -0.06	51.23 -1.26 -0.01	43.90 -1.16 -0.40	41.91 -1.33 -0.39	45.36 -1.05 -0.74	50.41 -1.32 -0.87	60.68 -1.47 -1.02	65.26 -1.51 -0.88	53.80 -0.81 -0.29	47.98 -0.68 -0.22	39.17 -0.64 0.00
HARDSCRABBLE_WT_PWR 323673	38.51 1.23 0.00	35.61 1.24 0.00	32.81 1.20 0.00	31.51 1.21 0.00	32.30 1.24 0.00	37.22 1.43 0.00	47.58 1.74 0.00	52.09 1.81 0.00	50.95 1.68 -0.01	51.93 1.84 -0.28	52.88 2.04 -0.01	54.28 2.04 0.00	56.57 1.86 -0.07	53.97 1.78 0.00	54.21 1.73 0.00	46.13 1.47 0.00	44.18 1.33 0.00	47.04 1.37 0.00	52.24 1.37 0.00	62.90 1.77 0.00	67.41 1.52 0.00	55.47 1.14 0.00	49.31 0.87 0.00	40.33 0.52 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	39.70 2.42 0.00	36.58 2.20 0.00	33.79 2.18 0.00	32.39 2.09 0.00	33.13 2.08 0.00	38.22 2.43 0.00	49.14 3.30 0.00	54.01 3.72 0.00	53.21 3.94 0.00	54.00 4.18 0.00	55.11 4.27 0.00	56.74 4.49 0.00	59.56 4.92 0.00	58.56 4.59 -1.77	57.59 4.78 -0.34	59.86 3.66 -11.54	57.73 3.51 -11.37	59.92 3.79 -10.47	60.76 4.22 -5.67	66.33 5.20 0.00	70.64 4.74 0.00	57.64 3.31 0.00	51.34 2.91 0.00	42.04 2.23 0.00
HARSNRAD_115KV_TB1 81005	35.38 -1.90 0.00	31.90 -2.48 0.00	29.59 -2.02 0.00	28.33 -1.97 0.00	28.97 -2.08 0.00	32.96 -2.83 0.00	41.67 -4.17 0.00	46.16 -4.12 0.00	44.82 -4.43 0.01	44.96 -5.03 -0.18	45.85 -4.98 0.01	47.01 -5.22 0.02	48.94 -5.74 -0.03	46.22 -6.05 -0.08	46.92 -5.56 -0.01	40.50 -4.78 -0.62	38.75 -4.71 -0.61	40.65 -5.07 -0.05	45.70 -5.54 -0.38	55.32 -5.81 0.01	60.43 -5.47 0.00	49.65 -4.67 0.00	44.02 -4.41 0.01	36.74 -3.07 0.00
HARZA MOOSE___RIVER 24016	37.58 0.30 0.00	34.65 0.28 0.00	31.90 0.28 0.00	30.51 0.21 0.00	31.42 0.37 0.00	36.29 0.50 0.00	46.62 0.78 0.00	51.39 1.11 0.00	50.22 0.89 -0.06	53.43 0.85 -2.77	51.87 0.97 -0.06	52.98 0.73 0.00	56.04 0.71 -0.68	53.06 0.78 -0.08	53.23 0.73 -0.02	45.78 0.58 -0.54	43.63 0.26 -0.53	47.17 0.64 -0.86	52.31 0.51 -0.94	63.31 1.16 -1.02	67.63 0.86 -0.88	55.64 1.03 -0.29	49.53 0.87 -0.22	40.41 0.60 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	37.21 -0.07 0.00	34.20 -0.17 0.00	31.52 -0.09 0.00	30.14 -0.15 0.00	30.96 -0.09 0.00	35.64 -0.14 0.00	45.66 -0.18 0.00	50.08 -0.20 0.00	49.08 -0.20 -0.01	49.99 -0.25 -0.43	50.65 -0.20 -0.01	52.04 -0.21 0.00	54.48 -0.27 -0.10	52.07 -0.31 -0.18	52.35 -0.16 -0.03	45.25 -0.31 -0.90	43.40 -0.34 -0.89	46.67 -0.41 -1.41	52.19 -0.41 -1.73	62.63 -0.24 -1.74	66.94 -0.46 -1.51	54.33 -0.49 -0.50	48.29 -0.53 -0.38	39.45 -0.36 0.00
HELLGATE_13_KV_LD 55870	40.11 2.83 0.00	36.99 2.61 0.00	34.27 2.66 0.00	32.90 2.61 0.00	33.60 2.55 0.00	38.54 2.76 0.00	49.78 3.94 0.00	54.81 4.53 0.00	54.05 4.78 0.00	54.99 5.18 0.00	56.13 5.29 0.00	57.79 5.54 0.00	60.60 5.96 0.00	59.57 5.53 -1.84	58.65 5.82 -0.35	61.10 4.51 -11.93	58.92 4.33 -11.75	61.08 4.61 -10.80	61.88 5.19 -5.82	67.49 6.36 0.00	71.50 5.60 0.00	58.24 3.91 0.00	51.83 3.39 0.00	42.36 2.55 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	40.11 2.83 0.00	36.99 2.61 0.00	34.27 2.66 0.00	32.90 2.61 0.00	33.60 2.55 0.00	38.54 2.76 0.00	49.78 3.94 0.00	54.81 4.53 0.00	54.05 4.78 0.00	54.99 5.18 0.00	56.13 5.29 0.00	57.79 5.54 0.00	60.60 5.96 0.00	59.57 5.53 -1.84	58.65 5.82 -0.35	61.10 4.51 -11.93	58.92 4.33 -11.75	61.08 4.61 -10.80	61.88 5.19 -5.82	67.49 6.36 0.00	71.50 5.60 0.00	58.24 3.91 0.00	51.83 3.39 0.00	42.36 2.55 0.00
HEMPSTEAD___ 23647	41.93 3.24 -1.41	37.35 2.96 -0.01	34.53 2.91 -0.01	33.13 2.82 -0.01	33.86 2.80 -0.01	39.02 3.22 -0.01	50.16 4.31 -0.01	55.17 4.88 -0.01	54.24 4.97 0.00	55.09 5.28 0.00	56.18 5.34 0.00	57.79 5.54 -0.01	60.51 5.85 -0.01	59.58 5.53 -1.85	58.66 5.82 -0.36	61.11 4.51 -11.94	59.97 4.37 -12.74	61.85 4.66 -11.53	68.48 5.19 -12.43	76.38 6.30 -8.96	71.73 5.73 -0.10	58.52 4.18 -0.01	52.33 3.88 -0.01	42.77 2.95 -0.01
HICKLING___1 23621	37.02 -0.26 0.00	33.55 -0.83 0.00	31.04 -0.57 0.00	29.66 -0.64 0.00	30.46 -0.59 0.00	34.89 -0.89 0.00	44.56 -1.28 0.00	49.08 -1.21 0.00	48.05 -1.18 0.04	48.69 -1.25 -0.13	49.53 -1.27 0.04	50.79 -1.41 0.04	53.05 -1.58 0.01	50.58 -1.51 0.11	50.96 -1.47 0.04	43.16 -1.38 0.12	41.27 -1.46 0.12	43.76 -1.28 0.63	50.00 -1.37 -0.51	60.21 -1.34 -0.43	65.42 -0.86 -0.38	53.09 -1.36 -0.13	46.82 -1.70 -0.08	38.85 -0.96 0.00
HICKLING___2 23622	37.02 -0.26 0.00	33.55 -0.83 0.00	31.04 -0.57 0.00	29.66 -0.64 0.00	30.46 -0.59 0.00	34.89 -0.89 0.00	44.56 -1.28 0.00	49.08 -1.21 0.00	48.05 -1.18 0.04	48.69 -1.25 -0.13	49.53 -1.27 0.04	50.79 -1.41 0.04	53.05 -1.58 0.01	50.58 -1.51 0.11	50.96 -1.47 0.04	43.16 -1.38 0.12	41.27 -1.46 0.12	43.76 -1.28 0.63	50.00 -1.37 -0.51	60.21 -1.34 -0.43	65.42 -0.86 -0.38	53.09 -1.36 -0.13	46.82 -1.70 -0.08	38.85 -0.96 0.00
HIGH FALLS___HY 23754	40.00 2.72 0.00	36.82 2.44 0.00	34.05 2.43 0.00	32.63 2.33 0.00	33.38 2.33 0.00	38.47 2.68 0.00	49.51 3.67 0.00	54.51 4.22 0.00	53.60 4.34 0.00	54.34 4.53 0.00	55.41 4.58 0.00	56.84 4.70 0.11	59.54 5.19 0.29	58.16 4.75 -1.21	57.81 4.99 -0.35	60.49 3.84 -11.99	58.34 3.69 -11.81	60.57 4.02 -10.88	61.19 4.48 -5.85	66.69 5.56 0.00	71.30 5.40 0.00	58.13 3.80 0.00	51.78 3.34 0.00	42.36 2.55 0.00
HIGH_RIVER___SOLAR 323847	38.81 1.53 0.00	35.82 1.44 0.00	32.97 1.36 0.00	31.60 1.30 0.00	32.36 1.30 0.00	37.36 1.57 0.00	47.95 2.11 0.00	52.49 2.21 0.00	51.24 1.97 0.00	51.45 1.64 0.00	52.43 1.58 -0.01	54.32 1.88 -0.20	57.38 2.19 -0.54	57.73 2.14 -3.39	55.00 2.10 -0.42	60.70 1.92 -14.12	58.60 1.84 -13.91	60.54 2.06 -12.82	60.14 2.24 -7.04	63.94 2.81 0.00	68.40 2.50 0.00	56.34 2.01 0.00	50.38 1.94 0.00	41.32 1.51 0.00
HILLBURN___GT 23639	39.78 2.50 0.00	36.61 2.23 0.00	33.86 2.24 0.00	32.48 2.18 0.00	33.19 2.14 0.00	38.29 2.50 0.00	49.23 3.39 0.00	54.16 3.87 0.00	53.36 4.09 0.00	54.14 4.33 0.00	55.32 4.48 0.00	56.95 4.70 0.00	59.67 5.02 0.00	58.78 4.80 -1.79	57.80 4.99 -0.33	60.18 3.88 -11.63	58.08 3.77 -11.46	60.23 4.02 -10.54	60.98 4.42 -5.69	66.51 5.38 0.00	70.84 4.94 0.00	57.75 3.42 0.00	51.49 3.05 0.00	42.00 2.19 0.00
HILLSIDE_115KV_TB1 80332	36.54 -0.75 0.00	33.14 -1.24 0.00	30.63 -0.98 0.00	29.30 -1.00 0.00	30.09 -0.96 0.00	34.46 -1.32 0.00	44.01 -1.83 0.00	48.37 -1.91 0.00	47.31 -1.92 0.04	48.14 -1.79 -0.12	48.92 -1.88 0.04	50.27 -1.93 0.04	52.61 -2.02 0.01	50.36 -1.77 0.07	50.50 -1.94 0.03	42.24 -1.92 0.50	40.38 -1.97 0.49	42.71 -1.78 1.18	49.33 -1.98 -0.45	59.41 -2.20 -0.48	64.62 -1.71 -0.43	52.35 -2.12 -0.14	46.20 -2.32 -0.09	38.38 -1.43 0.00

HISHELDN_WT_PWR 323625	35.90 -1.38 0.00	32.45 -1.92 0.00	30.06 -1.55 0.00	28.75 -1.54 0.00	29.44 -1.62 0.00	33.53 -2.25 0.00	42.95 -2.89 0.00	47.06 -3.22 0.00	45.80 -3.45 0.02	46.14 -3.83 -0.17	46.96 -3.87 0.02	48.10 -4.13 0.02	50.01 -4.65 -0.01	47.79 -4.44 -0.03	48.10 -4.35 0.02	41.61 -3.62 -0.56	39.76 -3.64 -0.55	42.03 -3.66 -0.02	46.98 -4.27 -0.39	56.96 -4.16 0.01	62.14 -3.75 0.00	50.58 -3.75 0.00	44.79 -3.63 0.01	37.22 -2.59 0.00
HOLTSVILLE_IC_1 23690	41.89 3.62 -0.99	37.61 3.23 -0.01	34.78 3.16 -0.01	33.36 3.06 -0.01	34.14 3.07 -0.01	39.37 3.58 -0.01	50.62 4.77 -0.01	55.57 5.28 -0.01	54.54 5.27 0.00	55.29 5.48 0.00	56.23 5.39 0.00	57.85 5.59 -0.01	60.61 5.96 -0.01	59.73 5.69 -1.85	58.81 5.98 -0.35	61.38 4.78 -11.94	59.93 4.63 -12.45	61.91 4.93 -11.31	66.89 5.55 -10.48	74.28 6.85 -6.31	72.30 6.33 -0.08	58.84 4.51 -0.01	52.81 4.36 -0.01	43.04 3.22 -0.01
HOLTSVILLE_IC_10 23699	42.12 3.84 -1.00	37.79 3.40 -0.01	34.94 3.32 -0.01	33.51 3.21 -0.01	34.32 3.26 -0.01	39.55 3.76 -0.01	50.85 5.00 -0.01	55.87 5.58 -0.01	54.79 5.52 0.00	55.54 5.73 0.00	56.48 5.64 0.00	58.11 5.85 -0.01	60.88 6.23 -0.01	60.04 6.00 -1.85	59.12 6.29 -0.35	61.69 5.09 -11.94	60.23 4.93 -12.45	62.23 5.25 -11.31	67.27 5.90 -10.51	74.81 7.33 -6.35	72.90 6.92 -0.08	59.22 4.89 -0.01	53.10 4.65 -0.01	43.28 3.46 -0.01
HOLTSVILLE_IC_2 23691	41.89 3.62 -0.99	37.61 3.23 -0.01	34.78 3.16 -0.01	33.36 3.06 -0.01	34.14 3.07 -0.01	39.37 3.58 -0.01	50.62 4.77 -0.01	55.57 5.28 -0.01	54.54 5.27 0.00	55.29 5.48 0.00	56.23 5.39 0.00	57.85 5.59 -0.01	60.61 5.96 -0.01	59.73 5.69 -1.85	58.81 5.98 -0.35	61.38 4.78 -11.94	59.93 4.63 -12.45	61.91 4.93 -11.31	66.89 5.55 -10.48	74.28 6.85 -6.31	72.30 6.33 -0.08	58.84 4.51 -0.01	52.81 4.36 -0.01	43.04 3.22 -0.01
HOLTSVILLE_IC_3 23692	41.89 3.62 -0.99	37.61 3.23 -0.01	34.78 3.16 -0.01	33.36 3.06 -0.01	34.14 3.07 -0.01	39.37 3.58 -0.01	50.62 4.77 -0.01	55.57 5.28 -0.01	54.54 5.27 0.00	55.29 5.48 0.00	56.23 5.39 0.00	57.85 5.59 -0.01	60.61 5.96 -0.01	59.73 5.69 -1.85	58.81 5.98 -0.35	61.38 4.78 -11.94	59.93 4.63 -12.45	61.91 4.93 -11.31	66.89 5.55 -10.48	74.28 6.85 -6.31	72.30 6.33 -0.08	58.84 4.51 -0.01	52.81 4.36 -0.01	43.04 3.22 -0.01
HOLTSVILLE_IC_4 23693	41.89 3.62 -0.99	37.61 3.23 -0.01	34.78 3.16 -0.01	33.36 3.06 -0.01	34.14 3.07 -0.01	39.37 3.58 -0.01	50.62 4.77 -0.01	55.57 5.28 -0.01	54.54 5.27 0.00	55.29 5.48 0.00	56.23 5.39 0.00	57.85 5.59 -0.01	60.61 5.96 -0.01	59.73 5.69 -1.85	58.81 5.98 -0.35	61.38 4.78 -11.94	59.93 4.63 -12.45	61.91 4.93 -11.31	66.89 5.55 -10.48	74.28 6.85 -6.31	72.30 6.33 -0.08	58.84 4.51 -0.01	52.81 4.36 -0.01	43.04 3.22 -0.01
HOLTSVILLE_IC_5 23694	41.89 3.62 -0.99	37.61 3.23 -0.01	34.78 3.16 -0.01	33.36 3.06 -0.01	34.14 3.07 -0.01	39.37 3.58 -0.01	50.62 4.77 -0.01	55.57 5.28 -0.01	54.54 5.27 0.00	55.29 5.48 0.00	56.23 5.39 0.00	57.85 5.59 -0.01	60.61 5.96 -0.01	59.73 5.69 -1.85	58.81 5.98 -0.35	61.38 4.78 -11.94	59.93 4.63 -12.45	61.91 4.93 -11.31	66.89 5.55 -10.48	74.28 6.85 -6.31	72.30 6.33 -0.08	58.84 4.51 -0.01	52.81 4.36 -0.01	43.04 3.22 -0.01
HOLTSVILLE_IC_6 23695	42.12 3.84 -1.00	37.79 3.40 -0.01	34.94 3.32 -0.01	33.51 3.21 -0.01	34.32 3.26 -0.01	39.55 3.76 -0.01	50.85 5.00 -0.01	55.87 5.58 -0.01	54.79 5.52 0.00	55.54 5.73 0.00	56.48 5.64 0.00	58.11 5.85 -0.01	60.88 6.23 -0.01	60.04 6.00 -1.85	59.12 6.29 -0.35	61.69 5.09 -11.94	60.23 4.93 -12.45	62.23 5.25 -11.31	67.27 5.90 -10.51	74.81 7.33 -6.35	72.90 6.92 -0.08	59.22 4.89 -0.01	53.10 4.65 -0.01	43.28 3.46 -0.01
HOLTSVILLE_IC_7 23696	42.12 3.84 -1.00	37.79 3.40 -0.01	34.94 3.32 -0.01	33.51 3.21 -0.01	34.32 3.26 -0.01	39.55 3.76 -0.01	50.85 5.00 -0.01	55.87 5.58 -0.01	54.79 5.52 0.00	55.54 5.73 0.00	56.48 5.64 0.00	58.11 5.85 -0.01	60.88 6.23 -0.01	60.04 6.00 -1.85	59.12 6.29 -0.35	61.69 5.09 -11.94	60.23 4.93 -12.45	62.23 5.25 -11.31	67.27 5.90 -10.51	74.81 7.33 -6.35	72.90 6.92 -0.08	59.22 4.89 -0.01	53.10 4.65 -0.01	43.28 3.46 -0.01
HOLTSVILLE_IC_8 23697	42.12 3.84 -1.00	37.79 3.40 -0.01	34.94 3.32 -0.01	33.51 3.21 -0.01	34.32 3.26 -0.01	39.55 3.76 -0.01	50.85 5.00 -0.01	55.87 5.58 -0.01	54.79 5.52 0.00	55.54 5.73 0.00	56.48 5.64 0.00	58.11 5.85 -0.01	60.88 6.23 -0.01	60.04 6.00 -1.85	59.12 6.29 -0.35	61.69 5.09 -11.94	60.23 4.93 -12.45	62.23 5.25 -11.31	67.27 5.90 -10.51	74.81 7.33 -6.35	72.90 6.92 -0.08	59.22 4.89 -0.01	53.10 4.65 -0.01	43.28 3.46 -0.01
HOLTSVILLE_IC_9 23698	42.12 3.84 -1.00	37.79 3.40 -0.01	34.94 3.32 -0.01	33.51 3.21 -0.01	34.32 3.26 -0.01	39.55 3.76 -0.01	50.85 5.00 -0.01	55.87 5.58 -0.01	54.79 5.52 0.00	55.54 5.73 0.00	56.48 5.64 0.00	58.11 5.85 -0.01	60.88 6.23 -0.01	60.04 6.00 -1.85	59.12 6.29 -0.35	61.69 5.09 -11.94	60.23 4.93 -12.45	62.23 5.25 -11.31	67.27 5.90 -10.51	74.81 7.33 -6.35	72.90 6.92 -0.08	59.22 4.89 -0.01	53.10 4.65 -0.01	43.28 3.46 -0.01
HOMER_HL_115KV_TB2 355744	35.90 -1.38 0.00	32.48 -1.89 0.00	30.10 -1.52 0.00	28.81 -1.48 0.00	29.50 -1.55 0.00	33.68 -2.11 0.00	43.00 -2.84 0.00	46.97 -3.32 0.00	46.25 -3.01 0.02	47.69 -2.29 -0.17	48.33 -2.49 0.02	49.82 -2.40 0.02	52.32 -2.35 -0.02	50.49 -1.77 -0.07	50.16 -2.31 0.00	43.48 -1.79 -0.61	41.22 -2.23 -0.60	43.92 -1.83 -0.08	48.21 -3.00 -0.34	56.96 -4.16 0.01	62.40 -3.49 0.00	50.63 -3.69 0.00	44.75 -3.68 0.01	37.38 -2.43 0.00
HOWARD_WT_PWR 323690	36.80 -0.49 0.00	33.38 -1.00 0.00	30.89 -0.73 0.00	29.45 -0.85 0.00	30.22 -0.84 0.00	34.57 -1.22 0.00	44.33 -1.51 0.00	48.63 -1.66 0.00	47.46 -1.77 0.04	47.81 -2.14 -0.14	48.57 -2.24 0.04	49.65 -2.56 0.04	51.62 -3.01 0.02	49.32 -2.72 0.16	49.78 -2.62 0.07	42.93 -2.10 -0.37	41.20 -2.01 -0.36	43.98 -1.87 -0.19	49.37 -1.88 -0.39	59.71 -1.40 0.01	64.97 -0.92 0.00	52.75 -1.58 0.00	46.53 -1.89 0.01	38.46 -1.35 0.00
HQ_GEN_CEDARS 23644	36.46 -0.82 0.00	33.76 -0.62 0.00	31.11 -0.51 0.00	29.87 -0.42 0.00	30.65 -0.40 0.00	35.36 -0.43 0.00	45.38 -0.46 0.00	50.03 -0.25 0.00	49.51 -0.10 -0.34	64.49 0.00 -14.68	51.13 -0.05 -0.34	52.04 -0.21 0.00	57.97 -0.27 -3.59	51.99 -0.21 0.00	52.00 -0.47 0.00	44.22 -0.45 0.00	42.59 -0.26 0.00	45.53 -0.14 0.00	50.56 -0.31 0.00	60.34 -0.79 0.00	65.50 -0.40 0.00	54.32 0.00 0.00	48.34 -0.10 0.00	39.65 -0.16 0.00
HQ_GEN_CEDARS_PROXY 323590	36.46 -0.82 0.00	33.76 -0.62 0.00	31.11 -0.51 0.00	29.87 -0.42 0.00	30.65 -0.40 0.00	35.36 -0.43 0.00	45.38 -0.46 0.00	50.03 -0.25 0.00	49.51 -0.10 -0.34	64.49 0.00 -14.68	51.13 -0.05 -0.34	52.04 -0.21 0.00	57.97 -0.27 -3.59	51.89 -0.31 0.00	52.00 -0.47 0.00	44.26 -0.40 0.00	42.59 -0.26 0.00	45.53 -0.14 0.00	50.56 -0.30 0.00	60.33 -0.80 0.00	65.50 -0.39 0.00	54.32 0.00 0.00	48.34 -0.10 0.00	39.65 -0.16 0.00

HQ_GEN_CHPE_PROXY 323851	39.97 2.69 0.00	36.85 2.48 0.00	34.08 2.47 0.00	32.69 2.39 0.00	33.41 2.36 0.00	38.47 2.69 0.00	49.55 3.71 0.00	54.61 4.33 0.00	53.80 4.53 0.00	54.74 4.93 0.00	55.93 5.08 0.00	57.52 5.27 0.00	60.28 5.63 0.00	59.36 5.33 -1.84	58.38 5.56 -0.34	60.92 4.33 -11.93	58.80 4.20 -11.75	60.89 4.43 -10.80	61.64 4.93 -5.85	67.06 5.93 0.00	71.23 5.34 0.00	58.07 3.75 0.00	51.73 3.30 0.00	42.20 2.39 0.00
HQ_GEN_IMPORT 323601	36.98 -0.30 0.00	34.14 -0.24 0.00	31.30 -0.32 0.00	30.02 -0.27 0.00	30.77 -0.28 0.00	35.46 -0.32 0.00	45.47 -0.37 0.00	49.93 -0.35 0.00	48.97 -0.29 0.01	49.12 -0.30 0.39	50.48 -0.35 0.01	51.88 -0.36 0.00	54.11 -0.44 0.10	51.83 -0.36 0.00	52.00 -0.47 0.00	44.35 -0.31 0.00	42.55 -0.30 0.00	45.39 -0.27 0.00	50.51 -0.35 0.00	60.58 -0.55 0.00	65.70 -0.20 0.00	76.99 0.00 -22.67	76.99 -0.05 -28.60	76.99 -0.04 -37.22
HQ_GEN_WHEEL 23651	36.98 -0.30 0.00	34.14 -0.24 0.00	31.30 -0.32 0.00	30.02 -0.27 0.00	30.77 -0.28 0.00	35.46 -0.32 0.00	45.47 -0.37 0.00	49.93 -0.35 0.00	48.97 -0.29 0.01	49.12 -0.30 0.39	50.48 -0.35 0.01	51.88 -0.36 0.00	54.11 -0.44 0.10	51.83 -0.36 0.00	52.00 -0.47 0.00	44.35 -0.31 0.00	42.55 -0.30 0.00	45.39 -0.27 0.00	50.51 -0.35 0.00	60.58 -0.55 0.00	65.70 -0.20 0.00	76.99 0.00 -22.67	76.99 -0.05 -28.60	76.99 -0.04 -37.22
HUDSON AVE_GT_3 23810	40.08 2.80 0.00	36.92 2.54 0.00	34.14 2.53 0.00	32.78 2.48 0.00	33.51 2.45 0.00	38.58 2.79 0.00	49.78 3.94 0.00	54.76 4.48 0.00	54.00 4.73 0.00	54.94 5.13 0.00	56.08 5.24 0.00	57.73 5.49 0.00	60.55 5.90 0.00	59.57 5.53 -1.84	58.65 5.82 -0.35	61.10 4.51 -11.93	58.92 4.33 -11.75	61.08 4.61 -10.80	61.88 5.19 -5.82	67.49 6.36 0.00	71.50 5.60 0.00	58.29 3.97 0.00	51.88 3.44 0.00	42.40 2.59 0.00
HUDSON AVE_GT_4 23540	40.08 2.80 0.00	36.92 2.54 0.00	34.14 2.53 0.00	32.78 2.48 0.00	33.51 2.45 0.00	38.58 2.79 0.00	49.78 3.94 0.00	54.76 4.48 0.00	54.00 4.73 0.00	54.94 5.13 0.00	56.08 5.24 0.00	57.73 5.49 0.00	60.55 5.90 0.00	59.57 5.53 -1.84	58.65 5.82 -0.35	61.10 4.51 -11.93	58.92 4.33 -11.75	61.08 4.61 -10.80	61.88 5.19 -5.82	67.49 6.36 0.00	71.50 5.60 0.00	58.29 3.97 0.00	51.88 3.44 0.00	42.40 2.59 0.00
HUDSON AVE_GT_5 23657	40.08 2.80 0.00	36.92 2.54 0.00	34.14 2.53 0.00	32.78 2.48 0.00	33.51 2.45 0.00	38.58 2.79 0.00	49.78 3.94 0.00	54.76 4.48 0.00	54.00 4.73 0.00	54.94 5.13 0.00	56.08 5.24 0.00	57.73 5.49 0.00	60.55 5.90 0.00	59.57 5.53 -1.84	58.65 5.82 -0.35	61.10 4.51 -11.93	58.92 4.33 -11.75	61.08 4.61 -10.80	61.88 5.19 -5.82	67.49 6.36 0.00	71.50 5.60 0.00	58.29 3.97 0.00	51.88 3.44 0.00	42.40 2.59 0.00
HUDSON_AVE_10 24168	39.87 2.61 0.02	36.74 2.37 0.01	33.98 2.37 0.01	32.59 2.30 0.01	0.00 2.27 33.32	38.38 2.61 0.02	49.55 3.71 0.00	54.56 4.27 0.00	53.75 4.48 0.00	54.69 4.88 0.00	55.82 4.98 0.00	57.42 5.17 0.00	60.27 5.63 0.00	59.25 5.22 -1.84	58.33 5.51 -0.35	60.83 4.24 -11.93	58.67 4.07 -11.75	60.85 4.38 -10.80	61.62 4.93 -5.82	67.12 5.99 0.00	71.10 5.21 0.00	58.02 3.69 0.00	51.63 3.20 0.00	42.18 2.39 0.02
HUDSON___115KV_TB 4 355613	38.96 1.68 0.00	35.96 1.58 0.00	33.16 1.55 0.00	31.75 1.45 0.00	32.48 1.43 0.00	37.47 1.68 0.00	48.00 2.15 0.00	52.50 2.21 0.00	51.34 2.07 0.00	51.80 1.99 0.00	52.75 1.93 0.03	53.64 2.14 0.75	54.91 2.30 2.03	52.00 2.19 2.39	54.86 1.99 -0.39	59.58 1.61 -13.31	57.55 1.59 -13.11	59.52 1.78 -12.07	59.45 2.03 -6.55	63.94 2.81 0.00	68.40 2.50 0.00	56.23 1.90 0.00	50.33 1.89 0.00	41.40 1.59 0.00
HUNTER MOUNT___DRP 323613	39.11 1.83 0.00	36.09 1.72 0.00	33.29 1.68 0.00	31.87 1.58 0.00	32.60 1.55 0.00	37.58 1.79 0.00	48.13 2.29 0.00	52.65 2.36 0.00	51.49 2.22 0.00	51.90 2.09 0.00	52.90 2.08 0.02	54.00 2.35 0.60	55.59 2.57 1.63	53.08 2.40 1.52	54.85 1.99 -0.38	59.24 1.43 -13.15	57.21 1.41 -12.95	59.19 1.60 -11.92	59.16 1.83 -6.46	64.00 2.87 0.00	68.60 2.70 0.00	56.39 2.06 0.00	50.42 1.99 0.00	41.52 1.71 0.00
HUNTINGTON_RES_REC 323705	41.75 3.47 -1.00	37.48 3.10 -0.01	34.66 3.04 -0.01	33.28 2.97 -0.01	34.01 2.95 -0.01	39.23 3.44 -0.01	50.43 4.58 -0.01	55.37 5.08 -0.01	54.39 5.12 0.00	55.09 5.28 0.00	55.93 5.08 0.00	57.53 5.27 -0.01	60.28 5.63 -0.01	59.42 5.38 -1.85	58.50 5.67 -0.35	61.11 4.51 -11.94	59.68 4.37 -12.46	61.69 4.70 -11.31	66.62 5.24 -10.52	73.95 6.48 -6.34	71.95 6.00 -0.06	58.52 4.18 -0.01	52.61 4.17 -0.01	42.96 3.14 -0.01
HUNTLEY___63 23557	35.41 -1.86 0.01	31.93 -2.44 0.00	29.65 -1.96 0.00	28.39 -1.91 0.00	29.03 -2.02 0.00	33.00 -2.79 0.00	41.72 -4.13 0.00	46.16 -4.12 0.00	44.87 -4.38 0.01	45.13 -4.88 -0.20	46.00 -4.83 0.01	47.21 -5.02 0.02	49.18 -5.52 -0.05	46.55 -5.74 -0.10	47.21 -5.30 -0.03	40.74 -4.56 -0.64	38.89 -4.58 -0.63	40.91 -4.84 -0.09	45.80 -5.44 -0.37	55.38 -5.75 0.01	60.56 -5.34 0.00	49.71 -4.62 0.00	44.07 -4.36 0.01	36.78 -3.03 0.00
HUNTLEY___64 23558	35.41 -1.86 0.01	31.93 -2.44 0.00	29.65 -1.96 0.00	28.39 -1.91 0.00	29.03 -2.02 0.00	33.00 -2.79 0.00	41.72 -4.13 0.00	46.16 -4.12 0.00	44.87 -4.38 0.01	45.13 -4.88 -0.20	46.00 -4.83 0.01	47.21 -5.02 0.02	49.18 -5.52 -0.05	46.55 -5.74 -0.10	47.21 -5.30 -0.03	40.74 -4.56 -0.64	38.89 -4.58 -0.63	40.91 -4.84 -0.09	45.80 -5.44 -0.37	55.38 -5.75 0.01	60.56 -5.34 0.00	49.71 -4.62 0.00	44.07 -4.36 0.01	36.78 -3.03 0.00
HUNTLEY___65 23559	35.41 -1.86 0.01	31.93 -2.44 0.00	29.65 -1.96 0.00	28.39 -1.91 0.00	29.03 -2.02 0.00	33.00 -2.79 0.00	41.72 -4.13 0.00	46.16 -4.12 0.00	44.87 -4.38 0.01	45.13 -4.88 -0.20	46.00 -4.83 0.01	47.21 -5.02 0.02	49.18 -5.52 -0.05	46.55 -5.74 -0.10	47.21 -5.30 -0.03	40.74 -4.56 -0.64	38.89 -4.58 -0.63	40.91 -4.84 -0.09	45.80 -5.44 -0.37	55.38 -5.75 0.01	60.56 -5.34 0.00	49.71 -4.62 0.00	44.07 -4.36 0.01	36.78 -3.03 0.00
HUNTLEY___66 23560	35.41 -1.86 0.01	31.93 -2.44 0.00	29.65 -1.96 0.00	28.39 -1.91 0.00	29.03 -2.02 0.00	33.00 -2.79 0.00	41.72 -4.13 0.00	46.16 -4.12 0.00	44.87 -4.38 0.01	45.13 -4.88 -0.20	46.00 -4.83 0.01	47.21 -5.02 0.02	49.18 -5.52 -0.05	46.55 -5.74 -0.10	47.21 -5.30 -0.03	40.74 -4.56 -0.64	38.89 -4.58 -0.63	40.91 -4.84 -0.09	45.80 -5.44 -0.37	55.38 -5.75 0.01	60.56 -5.34 0.00	49.71 -4.62 0.00	44.07 -4.36 0.01	36.78 -3.03 0.00
HUNTLEY___67 23561	35.53 -1.75 0.00	32.04 -2.34 0.00	29.68 -1.93 0.00	28.42 -1.88 0.00	29.10 -1.96 0.00	33.10 -2.68 0.00	41.85 -3.99 0.00	46.31 -3.97 0.00	44.97 -4.29 0.01	45.25 -4.73 -0.17	46.15 -4.68 0.01	47.32 -4.91 0.02	49.26 -5.41 -0.02	46.68 -5.59 -0.07	47.28 -5.20 0.00	40.80 -4.47 -0.60	38.99 -4.46 -0.59	40.97 -4.75 -0.06	45.95 -5.29 -0.37	55.50 -5.62 0.01	60.69 -5.21 0.00	49.76 -4.56 0.00	44.07 -4.36 0.01	36.82 -2.99 0.00

HUNTLEY___68 23562	35.53 -1.75 0.00	32.04 -2.34 0.00	29.68 -1.93 0.00	28.42 -1.88 0.00	29.10 -1.96 0.00	33.10 -2.68 0.00	41.85 -3.99 0.00	46.31 -3.97 0.00	44.97 -4.29 0.01	45.25 -4.73 -0.17	46.15 -4.68 0.01	47.32 -4.91 0.02	49.26 -5.41 -0.02	46.68 -5.59 -0.07	47.28 -5.20 0.00	40.80 -4.47 -0.60	38.99 -4.46 -0.59	40.97 -4.75 -0.06	45.95 -5.29 -0.37	55.50 -5.62 0.01	60.69 -5.21 0.00	49.76 -4.56 0.00	44.07 -4.36 0.01	36.82 -2.99 0.00
HYLAND___LFGE 323620	38.07 0.78 0.00	34.68 0.31 0.00	31.99 0.38 0.00	30.54 0.24 0.00	31.39 0.34 0.00	36.00 0.22 0.00	46.35 0.51 0.00	50.94 0.65 0.00	49.15 -0.10 0.02	48.93 -1.05 -0.17	49.19 -1.63 0.02	50.08 -2.14 0.02	52.09 -2.57 -0.01	49.48 -2.72 0.01	50.04 -2.41 0.03	43.05 -2.14 -0.53	41.65 -1.72 -0.52	44.47 -1.28 -0.08	50.60 -0.66 -0.39	62.04 0.92 0.01	67.28 1.39 0.00	54.98 0.65 0.00	48.43 0.00 0.01	39.89 0.08 0.00
INDECK___CORINTH 23802	39.63 2.35 0.00	36.58 2.20 0.00	33.67 2.05 0.00	32.24 1.94 0.00	32.95 1.89 0.00	38.11 2.32 0.00	48.87 3.02 0.00	53.55 3.27 0.00	52.57 3.30 0.00	53.20 3.39 0.00	54.46 3.61 -0.01	56.34 3.81 -0.29	59.41 3.99 -0.78	59.92 3.86 -3.86	56.56 3.67 -0.41	61.26 2.99 -13.60	58.95 2.70 -13.40	60.75 2.83 -12.25	60.69 3.00 -6.83	64.74 3.61 0.00	69.06 3.16 0.00	57.31 2.99 0.00	51.29 2.86 0.00	42.12 2.31 0.00
INDECK___ILION 23567	38.81 1.53 0.00	35.89 1.51 0.00	33.10 1.49 0.00	31.75 1.45 0.00	32.54 1.49 0.00	37.50 1.72 0.00	48.00 2.15 0.00	52.50 2.21 0.00	51.34 2.07 -0.01	52.33 2.24 -0.28	53.29 2.44 -0.01	54.65 2.40 0.00	56.90 2.19 -0.07	54.28 2.09 0.00	54.58 2.10 0.00	46.45 1.79 0.00	44.43 1.59 0.00	47.36 1.69 0.00	52.59 1.73 0.00	63.33 2.20 0.00	67.87 1.98 0.00	55.79 1.47 0.00	49.65 1.21 0.00	40.61 0.80 0.00
INDECK___OLEAN 23982	35.90 -1.38 0.00	32.48 -1.89 0.00	30.10 -1.52 0.00	28.81 -1.48 0.00	29.50 -1.55 0.00	33.68 -2.11 0.00	43.28 -2.57 0.00	47.02 -3.27 0.00	46.25 -3.01 0.02	47.44 -2.54 -0.17	48.33 -2.49 0.02	49.72 -2.51 0.02	51.27 -3.39 -0.02	50.23 -2.04 -0.07	49.68 -2.78 0.01	43.84 -1.43 -0.61	41.61 -1.84 -0.60	44.10 -1.64 -0.08	48.00 -3.26 -0.39	57.21 -3.91 0.01	62.60 -3.29 0.00	50.58 -3.75 0.00	44.74 -3.68 0.01	37.22 -2.59 0.00
INDECK___OSWEGO 23783	36.68 -0.60 0.00	33.76 -0.62 0.00	31.11 -0.51 0.00	29.75 -0.54 0.00	30.55 -0.50 0.00	35.18 -0.61 0.00	45.06 -0.78 0.00	49.33 -0.96 0.00	48.25 -1.04 -0.01	49.31 -1.10 -0.59	49.79 -1.07 -0.01	51.15 -1.10 0.00	53.59 -1.20 -0.15	51.16 -1.20 -0.16	51.40 -1.10 -0.03	44.31 -1.11 -0.77	42.49 -1.11 -0.76	47.33 -1.19 -2.85	54.17 -1.22 -4.52	66.00 -1.22 -6.09	69.70 -1.45 -5.26	54.75 -1.30 -1.73	48.56 -1.21 -1.34	38.97 -0.84 0.00
INDECK___YERKES 23781	35.45 -1.83 0.01	31.97 -2.41 0.00	29.68 -1.93 0.00	28.39 -1.91 0.00	29.06 -1.99 0.00	33.00 -2.79 0.00	42.17 -3.67 0.00	46.21 -4.07 0.00	44.87 -4.39 0.01	45.13 -4.88 -0.20	46.00 -4.83 0.01	47.21 -5.02 0.02	49.23 -5.46 -0.05	46.76 -5.53 -0.10	47.20 -5.30 -0.02	40.65 -4.65 -0.64	38.85 -4.63 -0.63	41.00 -4.75 -0.09	45.77 -5.49 -0.40	55.80 -5.32 0.01	60.95 -4.94 0.00	49.65 -4.67 0.00	44.12 -4.31 0.01	36.70 -3.11 0.00
INDIAN POINT_GT_1 24139	39.78 2.50 0.00	36.64 2.27 0.00	33.86 2.24 0.00	32.48 2.18 0.00	33.23 2.17 0.00	38.29 2.51 0.00	49.33 3.48 0.00	54.16 3.87 0.00	53.36 4.09 0.00	54.19 4.38 0.00	55.32 4.47 0.00	56.95 4.70 0.00	59.78 5.14 0.00	58.83 4.80 -1.83	57.97 5.14 -0.35	60.46 3.93 -11.87	58.31 3.77 -11.69	60.48 4.06 -10.75	61.13 4.48 -5.79	66.63 5.50 0.00	70.77 4.88 0.00	57.75 3.42 0.00	51.49 3.05 0.00	42.08 2.27 0.00
INDIAN POINT_GT_2 23659	39.78 2.50 0.00	36.64 2.27 0.00	33.86 2.24 0.00	32.48 2.18 0.00	33.23 2.17 0.00	38.29 2.51 0.00	49.33 3.48 0.00	54.16 3.87 0.00	53.36 4.09 0.00	54.19 4.38 0.00	55.32 4.47 0.00	56.95 4.70 0.00	59.78 5.14 0.00	58.83 4.80 -1.83	57.97 5.14 -0.35	60.46 3.93 -11.87	58.31 3.77 -11.69	60.48 4.06 -10.75	61.13 4.48 -5.79	66.63 5.50 0.00	70.77 4.88 0.00	57.75 3.42 0.00	51.49 3.05 0.00	42.08 2.27 0.00
INDIAN POINT_GT_3 24019	39.78 2.50 0.00	36.64 2.27 0.00	33.86 2.24 0.00	32.48 2.18 0.00	33.23 2.17 0.00	38.29 2.51 0.00	49.33 3.48 0.00	54.16 3.87 0.00	53.36 4.09 0.00	54.19 4.38 0.00	55.32 4.47 0.00	56.95 4.70 0.00	59.78 5.14 0.00	58.83 4.80 -1.83	57.97 5.14 -0.35	60.46 3.93 -11.87	58.31 3.77 -11.69	60.48 4.06 -10.75	61.13 4.48 -5.79	66.63 5.50 0.00	70.77 4.88 0.00	57.75 3.42 0.00	51.49 3.05 0.00	42.08 2.27 0.00
INDIAN POINT___2 23530	39.74 2.46 0.00	36.61 2.23 0.00	33.82 2.21 0.00	32.45 2.15 0.00	33.19 2.14 0.00	38.25 2.47 0.00	49.23 3.39 0.00	54.16 3.87 0.00	53.31 4.04 0.00	54.14 4.33 0.00	55.32 4.48 0.00	56.90 4.65 0.00	59.62 4.97 0.00	58.76 4.75 -1.81	57.80 4.99 -0.34	60.33 3.88 -11.78	58.22 3.77 -11.60	60.36 4.02 -10.67	61.06 4.42 -5.77	66.45 5.32 0.00	70.71 4.81 0.00	57.69 3.37 0.00	51.44 3.00 0.00	41.96 2.15 0.00
INDIAN POINT___3 23531	39.74 2.46 0.00	36.61 2.23 0.00	33.83 2.21 0.00	32.45 2.15 0.00	33.19 2.14 0.00	38.26 2.47 0.00	49.28 3.44 0.00	54.11 3.82 0.00	53.31 4.04 0.00	54.14 4.33 0.00	55.26 4.42 0.00	56.90 4.65 0.00	59.73 5.08 0.00	58.77 4.75 -1.83	57.86 5.04 -0.35	60.37 3.84 -11.87	58.23 3.69 -11.69	60.39 3.97 -10.75	61.08 4.43 -5.79	66.57 5.44 0.00	70.71 4.81 0.00	57.69 3.37 0.00	51.44 3.00 0.00	42.08 2.27 0.00
INDIANHDD_69_KV_BK1 55831	41.90 3.62 -1.00	37.62 3.23 -0.01	34.78 3.16 -0.01	33.36 3.06 -0.01	34.14 3.07 -0.01	39.38 3.58 -0.01	50.66 4.81 -0.01	55.57 5.28 -0.01	54.54 5.27 0.00	55.29 5.48 0.00	56.08 5.24 0.00	57.74 5.49 -0.01	60.61 5.96 -0.01	59.63 5.59 -1.85	58.76 5.93 -0.36	61.29 4.69 -11.94	59.89 4.58 -12.45	61.91 4.93 -11.31	66.90 5.54 -10.49	74.48 6.97 -6.38	72.39 6.39 -0.10	58.84 4.51 -0.01	52.81 4.36 -0.01	43.24 3.42 -0.01
INGHAM_C_115KV_TB7 356103	38.81 1.53 0.00	35.89 1.51 0.00	33.10 1.49 0.00	31.75 1.45 0.00	32.54 1.49 0.00	37.50 1.72 0.00	48.00 2.15 0.00	52.50 2.21 0.00	51.34 2.07 -0.01	52.33 2.24 -0.28	53.29 2.44 -0.01	54.65 2.40 0.00	56.90 2.19 -0.07	54.28 2.09 0.00	54.58 2.10 0.00	46.45 1.79 0.00	44.43 1.59 0.00	47.36 1.69 0.00	52.59 1.73 0.00	63.33 2.20 0.00	67.87 1.98 0.00	55.79 1.47 0.00	49.65 1.21 0.00	40.61 0.80 0.00
IP CORINTH___1 23988	39.63 2.35 0.00	36.58 2.20 0.00	33.67 2.05 0.00	32.23 1.94 0.00	32.95 1.89 0.00	38.11 2.33 0.00	48.91 3.07 0.00	53.55 3.27 0.00	52.57 3.30 0.00	53.20 3.39 0.00	54.46 3.61 -0.01	56.35 3.81 -0.29	59.47 4.04 -0.78	59.86 3.81 -3.86	56.56 3.67 -0.41	61.21 2.95 -13.60	58.90 2.66 -13.40	60.75 2.83 -12.25	60.65 3.00 -6.79	64.80 3.67 0.00	69.13 3.23 0.00	57.31 2.99 0.00	51.25 2.81 0.00	42.20 2.39 0.00

IP___TICONDEROGA 23804	40.67 3.39 0.00	37.61 3.23 0.00	34.52 2.91 0.00	33.02 2.73 0.00	33.72 2.67 0.00	39.11 3.33 0.00	50.33 4.49 0.00	54.86 4.58 0.00	53.80 4.53 0.00	54.34 4.53 0.00	55.63 4.78 -0.01	57.51 4.96 -0.30	60.70 5.25 -0.80	61.02 4.91 -3.92	57.45 4.57 -0.41	62.13 3.89 -13.59	59.79 3.56 -13.38	61.79 3.88 -12.24	61.97 4.32 -6.78	66.51 5.38 0.00	70.97 5.07 0.00	58.78 4.45 0.00	52.55 4.12 0.00	43.23 3.42 0.00
ISLIP_RES_REC 323679	42.27 3.99 -1.00	37.93 3.54 -0.01	35.07 3.45 -0.01	33.64 3.33 -0.01	34.45 3.39 -0.01	39.70 3.90 -0.01	51.07 5.22 -0.01	56.07 5.78 -0.01	54.98 5.71 0.00	55.74 5.92 0.00	56.74 5.89 0.00	58.37 6.11 -0.01	61.15 6.50 -0.01	60.30 6.26 -1.85	59.39 6.56 -0.35	61.91 5.31 -11.94	60.49 5.18 -12.46	62.51 5.52 -11.32	67.59 6.20 -10.52	75.21 7.70 -6.37	73.29 7.31 -0.08	59.55 5.22 -0.01	53.29 4.84 -0.01	43.40 3.58 -0.01
JAMAICA__27_KV_LOAD 355505	39.99 2.72 0.02	36.88 2.51 0.01	34.07 2.47 0.01	32.71 2.42 0.01	0.13 2.39 33.32	38.49 2.72 0.02	49.78 3.94 0.00	54.81 4.53 0.00	53.95 4.68 0.00	54.89 5.08 0.00	56.03 5.19 0.00	57.63 5.38 0.00	60.44 5.79 0.00	59.41 5.38 -1.84	58.49 5.67 -0.35	60.97 4.38 -11.93	58.84 4.24 -11.75	61.03 4.57 -10.80	61.88 5.19 -5.82	67.37 6.24 0.00	71.37 5.47 0.00	58.29 3.97 0.00	51.83 3.39 0.00	42.30 2.51 0.02
JANIS___SOLAR 323808	38.88 1.60 0.00	35.71 1.34 0.00	32.97 1.36 0.00	31.48 1.18 0.00	32.42 1.36 0.00	37.40 1.61 0.00	48.32 2.47 0.00	53.10 2.81 0.00	51.72 2.41 -0.03	52.21 2.14 -0.26	52.81 1.93 -0.03	53.90 1.62 -0.03	56.28 1.53 -0.10	54.67 1.56 -0.91	54.38 1.73 -0.18	49.33 1.47 -3.20	47.37 1.37 -3.15	51.14 1.96 -3.51	55.43 2.14 -2.43	65.63 3.30 -1.20	70.10 3.16 -1.03	57.05 2.39 -0.34	50.59 1.89 -0.26	41.32 1.51 0.00
JARVIS____ 23743	37.47 0.19 0.00	34.55 0.17 0.00	31.84 0.22 0.00	30.51 0.21 0.00	31.24 0.19 0.00	36.04 0.25 0.00	46.12 0.28 0.00	50.59 0.30 0.00	49.57 0.30 -0.01	50.39 0.30 -0.28	51.15 0.31 -0.01	52.56 0.32 0.00	55.04 0.33 -0.07	52.51 0.32 0.00	52.85 0.37 0.00	44.93 0.27 0.00	43.11 0.26 0.00	45.94 0.28 0.00	51.17 0.31 0.00	61.56 0.43 0.00	66.10 0.20 0.00	54.49 0.16 0.00	48.63 0.19 0.00	39.93 0.12 0.00
JENNISON___1 23625	39.00 1.71 0.00	35.89 1.51 0.00	33.10 1.49 0.00	31.63 1.33 0.00	32.48 1.43 0.00	37.43 1.65 0.00	48.78 2.93 0.00	53.70 3.42 0.00	52.43 3.15 -0.01	53.02 3.19 -0.02	54.16 3.30 -0.01	55.39 3.13 -0.01	57.89 3.22 -0.02	56.18 3.18 -0.80	55.99 3.36 -0.15	52.50 2.81 -5.02	50.20 2.40 -4.95	53.91 2.92 -5.32	56.07 2.34 -2.87	65.31 3.30 -0.88	69.62 2.97 -0.76	56.91 2.34 -0.25	50.67 2.03 -0.20	41.40 1.59 0.00
JENNISON___2 23626	39.00 1.71 0.00	35.89 1.51 0.00	33.10 1.49 0.00	31.63 1.33 0.00	32.48 1.43 0.00	37.43 1.65 0.00	48.78 2.93 0.00	53.70 3.42 0.00	52.43 3.15 -0.01	53.02 3.19 -0.02	54.16 3.30 -0.01	55.39 3.13 -0.01	57.89 3.22 -0.02	56.18 3.18 -0.80	55.99 3.36 -0.15	52.50 2.81 -5.02	50.20 2.40 -4.95	53.91 2.92 -5.32	56.07 2.34 -2.87	65.31 3.30 -0.88	69.62 2.97 -0.76	56.91 2.34 -0.25	50.67 2.03 -0.20	41.40 1.59 0.00
JERICHO_RISE_WT_PWR 323719	36.20 -1.08 0.00	33.55 -0.83 0.00	31.01 -0.60 0.00	29.81 -0.49 0.00	30.62 -0.43 0.00	35.32 -0.47 0.00	45.34 -0.50 0.00	49.93 -0.35 0.00	48.96 -0.29 0.01	48.88 -0.30 0.64	50.47 -0.35 0.01	51.78 -0.47 0.00	54.00 -0.49 0.16	51.73 -0.47 0.00	51.90 -0.58 0.00	44.26 -0.40 0.00	42.55 -0.30 0.00	45.44 -0.23 0.00	50.51 -0.35 0.00	60.40 -0.73 0.00	65.50 -0.39 0.00	54.22 -0.11 0.00	48.20 -0.24 0.00	39.53 -0.28 0.00
KATONAH___115KV_46KV_TB4 355592	39.93 2.65 0.00	36.75 2.37 0.00	33.95 2.34 0.00	32.60 2.30 0.00	33.32 2.27 0.00	38.43 2.65 0.00	49.46 3.62 0.00	54.31 4.02 0.00	53.51 4.24 0.00	54.44 4.63 0.00	55.57 4.73 0.00	57.21 4.96 0.00	60.16 5.52 0.00	59.22 5.17 -1.86	58.34 5.51 -0.35	60.95 4.24 -12.05	58.74 4.03 -11.87	60.91 4.34 -10.90	61.38 4.63 -5.89	66.88 5.75 0.00	70.91 5.01 0.00	57.91 3.59 0.00	51.68 3.25 0.00	42.20 2.39 0.00
KCE_NY_1 323755	39.48 2.20 0.00	36.47 2.10 0.00	33.57 1.96 0.00	32.14 1.85 0.00	32.88 1.83 0.00	37.97 2.18 0.00	48.64 2.80 0.00	53.25 2.97 0.00	52.27 3.01 0.00	52.90 3.09 0.00	54.16 3.30 -0.01	56.08 3.50 -0.33	59.26 3.72 -0.90	59.91 3.60 -4.12	56.35 3.46 -0.41	61.20 2.99 -13.54	58.97 2.78 -13.34	60.79 2.93 -12.20	60.76 3.10 -6.80	64.86 3.73 0.00	69.13 3.23 0.00	57.15 2.82 0.00	51.15 2.71 0.00	42.00 2.19 0.00
KCE_NY_6_ESR 323823	35.75 -1.53 0.00	32.28 -2.10 0.00	29.94 -1.68 0.00	28.66 -1.64 0.00	29.31 -1.74 0.00	33.35 -2.43 0.00	42.68 -3.16 0.00	46.66 -3.62 0.00	45.46 -3.79 0.01	45.90 -4.08 -0.18	46.81 -4.02 0.01	48.05 -4.18 0.02	49.97 -4.70 -0.02	47.78 -4.49 -0.07	48.01 -4.46 0.00	41.61 -3.66 -0.61	39.68 -3.77 -0.60	41.89 -3.84 -0.06	46.58 -4.68 -0.39	56.47 -4.65 0.01	61.68 -4.22 0.00	50.19 -4.13 0.00	44.51 -3.92 0.01	37.02 -2.79 0.00
KEDC_PORT_JEFF_GT2 24210	42.04 3.76 -1.00	37.76 3.37 -0.01	34.91 3.29 -0.01	33.48 3.18 -0.01	34.26 3.20 -0.01	39.52 3.72 -0.01	50.80 4.95 -0.01	55.77 5.48 -0.01	54.74 5.47 0.00	55.44 5.63 0.00	56.38 5.54 0.00	58.05 5.80 -0.01	60.83 6.17 -0.01	59.94 5.90 -1.85	59.02 6.19 -0.35	61.60 5.00 -11.94	60.14 4.84 -12.45	62.18 5.20 -11.31	67.16 5.80 -10.49	74.68 7.21 -6.34	72.77 6.79 -0.08	59.11 4.78 -0.01	53.00 4.55 -0.01	43.20 3.38 -0.01
KEDC_PORT_JEFF_GT3 24211	42.04 3.76 -1.00	37.76 3.37 -0.01	34.91 3.29 -0.01	33.48 3.18 -0.01	34.26 3.20 -0.01	39.52 3.72 -0.01	50.80 4.95 -0.01	55.77 5.48 -0.01	54.74 5.47 0.00	55.44 5.63 0.00	56.38 5.54 0.00	58.05 5.80 -0.01	60.83 6.17 -0.01	59.94 5.90 -1.85	59.02 6.19 -0.35	61.60 5.00 -11.94	60.14 4.84 -12.45	62.18 5.20 -11.31	67.16 5.80 -10.49	74.68 7.21 -6.34	72.77 6.79 -0.08	59.11 4.78 -0.01	53.00 4.55 -0.01	43.20 3.38 -0.01
KEDC_GLWD_GT4 24219	41.99 3.13 -1.58	37.24 2.85 -0.02	34.44 2.81 -0.02	33.04 2.73 -0.02	33.77 2.70 -0.02	38.92 3.11 -0.02	50.03 4.17 -0.01	55.08 4.78 -0.01	54.20 4.93 0.00	55.04 5.23 0.00	56.23 5.39 0.00	57.85 5.59 -0.01	60.62 5.96 -0.01	59.69 5.64 -1.85	58.71 5.88 -0.36	61.21 4.60 -11.94	60.17 4.46 -12.87	61.99 4.70 -11.61	69.34 5.24 -13.23	77.29 6.11 -10.05	71.61 5.60 -0.11	58.52 4.18 -0.02	52.23 3.78 -0.01	42.65 2.83 -0.02
KEDC_GLWD_GT5 24220	41.99 3.13 -1.58	37.24 2.85 -0.02	34.44 2.81 -0.02	33.04 2.73 -0.02	33.77 2.70 -0.02	38.92 3.11 -0.02	50.03 4.17 -0.01	55.08 4.78 -0.01	54.20 4.93 0.00	55.04 5.23 0.00	56.23 5.39 0.00	57.85 5.59 -0.01	60.62 5.96 -0.01	59.69 5.64 -1.85	58.71 5.88 -0.36	61.21 4.60 -11.94	60.17 4.46 -12.87	61.99 4.70 -11.61	69.34 5.24 -13.23	77.29 6.11 -10.05	71.61 5.60 -0.11	58.52 4.18 -0.02	52.23 3.78 -0.01	42.65 2.83 -0.02

KENSICO____ 23655	39.85 2.57 0.00	36.71 2.34 0.00	33.95 2.34 0.00	32.57 2.27 0.00	33.29 2.24 0.00	38.36 2.58 0.00	49.46 3.62 0.00	54.31 4.02 0.00	53.51 4.24 0.00	54.39 4.58 0.00	55.52 4.68 0.00	57.11 4.86 0.00	59.95 5.30 0.00	58.99 4.96 -1.84	58.12 5.30 -0.35	60.64 4.06 -11.92	58.49 3.90 -11.74	60.61 4.16 -10.79	61.31 4.63 -5.82	66.82 5.69 0.00	70.97 5.07 0.00	57.86 3.53 0.00	51.59 3.15 0.00	42.20 2.39 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	39.97 2.68 0.00	36.82 2.44 0.00	34.05 2.43 0.00	32.60 2.30 0.00	33.35 2.30 0.00	38.47 2.68 0.00	49.51 3.67 0.00	54.46 4.17 0.00	53.56 4.29 0.00	54.29 4.48 0.00	55.31 4.47 0.00	56.83 4.65 0.07	59.59 5.14 0.19	58.27 4.70 -1.38	57.75 4.93 -0.34	60.09 3.75 -11.68	57.95 3.60 -11.50	60.20 3.93 -10.60	60.87 4.32 -5.69	66.57 5.44 0.00	71.17 5.27 0.00	58.07 3.75 0.00	51.73 3.29 0.00	42.32 2.51 0.00
KIAC_JFK_GT1 23816	39.80 2.54 0.02	36.67 2.30 0.01	33.91 2.31 0.01	32.53 2.24 0.01	-0.06 2.20 33.32	38.31 2.54 0.02	49.51 3.67 0.00	54.51 4.22 0.00	53.65 4.38 0.00	54.59 4.78 0.00	55.72 4.88 0.00	57.31 5.07 0.00	60.11 5.46 0.00	59.10 5.06 -1.84	58.23 5.41 -0.35	60.70 4.11 -11.93	58.58 3.98 -11.75	60.76 4.29 -10.80	61.52 4.83 -5.82	66.75 5.62 0.00	70.71 4.81 0.00	57.96 3.64 0.00	51.54 3.10 0.00	42.06 2.27 0.02
KIAC_JFK_GT2 23817	39.80 2.54 0.02	36.67 2.30 0.01	33.91 2.31 0.01	32.53 2.24 0.01	-0.06 2.20 33.32	38.31 2.54 0.02	49.51 3.67 0.00	54.51 4.22 0.00	53.65 4.38 0.00	54.59 4.78 0.00	55.72 4.88 0.00	57.31 5.07 0.00	60.11 5.46 0.00	59.10 5.06 -1.84	58.23 5.41 -0.35	60.70 4.11 -11.93	58.58 3.98 -11.75	60.76 4.29 -10.80	61.52 4.83 -5.82	66.75 5.62 0.00	70.71 4.81 0.00	57.96 3.64 0.00	51.54 3.10 0.00	42.06 2.27 0.02
KIAC_JFK____ 323774	39.80 2.54 0.02	36.67 2.30 0.01	33.91 2.31 0.01	32.53 2.24 0.01	-0.06 2.20 33.32	38.31 2.54 0.02	49.42 3.58 0.00	54.51 4.22 0.00	53.65 4.38 0.00	54.59 4.78 0.00	55.77 4.93 0.00	57.31 5.07 0.00	60.06 5.41 0.00	59.10 5.06 -1.84	58.17 5.36 -0.34	60.74 4.15 -11.93	58.62 4.03 -11.75	60.76 4.29 -10.80	61.55 4.83 -5.85	66.57 5.44 0.00	70.71 4.81 0.00	57.96 3.64 0.00	51.54 3.10 0.00	41.98 2.19 0.02
KINTIGH_24_KV_GSU 356498	35.83 -1.45 0.00	32.45 -1.92 0.00	30.00 -1.61 0.00	28.72 -1.58 0.00	29.41 -1.65 0.00	33.53 -2.25 0.00	42.86 -2.98 0.00	47.12 -3.17 0.00	45.62 -3.65 0.01	45.60 -4.38 -0.18	46.46 -4.37 0.01	47.69 -4.55 0.01	49.86 -4.81 -0.02	47.06 -5.22 -0.08	47.60 -4.88 0.00	40.72 -4.56 -0.62	39.13 -4.33 -0.61	41.15 -4.57 -0.05	46.53 -4.73 -0.40	56.72 -4.40 0.01	61.61 -4.28 0.00	50.52 -3.80 0.00	44.80 -3.63 0.01	37.18 -2.63 0.00
KINTIGH____ 23543	35.83 -1.45 0.00	32.42 -1.96 0.00	30.00 -1.61 0.00	28.72 -1.58 0.00	29.41 -1.65 0.00	33.53 -2.25 0.00	42.45 -3.39 0.00	47.07 -3.22 0.00	45.61 -3.65 0.01	45.55 -4.43 -0.18	46.51 -4.32 0.01	47.69 -4.55 0.01	49.54 -5.14 -0.03	46.80 -5.48 -0.08	47.50 -4.99 -0.01	40.95 -4.33 -0.62	39.34 -4.11 -0.61	41.15 -4.57 -0.05	46.46 -4.78 -0.38	56.42 -4.71 0.01	61.42 -4.48 0.00	50.52 -3.80 0.00	44.75 -3.68 0.01	37.26 -2.55 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	36.68 -0.60 0.00	34.00 -0.38 0.00	31.42 -0.19 0.00	30.23 -0.06 0.00	31.05 0.00 0.00	35.86 0.07 0.00	46.12 0.28 0.00	50.89 0.60 0.00	49.89 0.64 0.01	49.67 0.50 0.64	51.23 0.41 0.01	52.51 0.26 0.00	54.76 0.27 0.16	52.56 0.37 0.00	52.69 0.21 0.00	44.89 0.22 0.00	43.28 0.43 0.00	46.31 0.64 0.00	51.42 0.56 0.00	61.50 0.37 0.00	66.69 0.79 0.00	55.08 0.76 0.00	48.92 0.48 0.00	40.05 0.24 0.00
LACHUTE____HYDRO 323717	40.67 3.39 0.00	37.61 3.23 0.00	34.52 2.91 0.00	33.02 2.73 0.00	33.72 2.67 0.00	39.12 3.33 0.00	50.29 4.45 0.00	54.86 4.58 0.00	53.80 4.53 0.00	54.34 4.53 0.00	55.63 4.78 -0.01	57.51 4.97 -0.30	60.59 5.14 -0.80	61.02 4.91 -3.92	57.45 4.56 -0.41	62.18 3.93 -13.59	59.83 3.60 -13.38	61.79 3.88 -12.24	61.96 4.27 -6.82	66.51 5.38 0.00	70.90 5.01 0.00	58.78 4.46 0.00	52.60 4.17 0.00	43.15 3.34 0.00
LAWRNCV_115KV_TB1 80681	35.79 -1.49 0.00	33.14 -1.24 0.00	30.47 -1.14 0.00	29.27 -1.03 0.00	30.03 -1.02 0.00	34.68 -1.11 0.00	44.56 -1.28 0.00	49.18 -1.11 0.00	48.63 -0.94 -0.29	61.93 -0.60 -12.72	50.53 -0.61 -0.29	51.46 -0.78 0.00	56.83 -0.93 -3.12	51.18 -1.04 -0.03	51.01 -1.47 -0.01	43.53 -1.34 -0.21	41.89 -1.16 -0.20	45.03 -1.00 -0.37	49.96 -1.32 -0.42	59.65 -1.96 -0.48	64.66 -1.65 -0.41	53.48 -0.98 -0.14	47.62 -0.92 -0.11	38.97 -0.84 0.00
LEDERLE____ 23769	39.85 2.57 0.00	36.71 2.34 0.00	33.92 2.31 0.00	32.54 2.24 0.00	33.29 2.24 0.00	38.36 2.58 0.00	49.42 3.58 0.00	54.31 4.02 0.00	53.46 4.19 0.00	54.34 4.53 0.00	55.47 4.63 0.00	57.11 4.86 0.00	59.95 5.30 0.00	58.96 4.96 -1.80	58.01 5.20 -0.34	60.35 3.97 -11.71	58.20 3.81 -11.54	60.39 4.11 -10.62	61.15 4.58 -5.71	66.75 5.62 0.00	71.04 5.14 0.00	57.91 3.59 0.00	51.59 3.15 0.00	42.20 2.39 0.00
LIGHTHSE_115KV_TB6 355974	37.06 -0.22 0.00	34.10 -0.28 0.00	31.42 -0.19 0.00	30.05 -0.24 0.00	30.90 -0.16 0.00	35.50 -0.29 0.00	45.47 -0.37 0.00	49.98 -0.30 0.00	48.81 -0.49 -0.03	50.59 -0.55 -1.33	50.47 -0.41 -0.03	51.72 -0.52 0.00	54.31 -0.66 -0.32	51.67 -0.68 -0.15	51.93 -0.58 -0.03	44.76 -0.63 -0.72	42.75 -0.81 -0.71	46.75 -0.73 -1.81	52.76 -0.81 -2.71	63.97 -0.55 -3.39	68.03 -0.79 -2.92	54.80 -0.49 -0.96	48.70 -0.48 -0.74	39.49 -0.32 0.00
LINDEN COGEN____ 23786	39.89 2.61 0.00	36.75 2.37 0.00	33.98 2.37 0.00	32.60 2.30 0.00	33.35 2.30 0.00	38.40 2.61 0.00	49.51 3.67 0.00	54.51 4.22 0.00	53.75 4.48 0.00	54.64 4.83 0.00	55.83 4.99 0.00	57.42 5.17 0.00	60.22 5.58 0.00	59.30 5.27 -1.84	58.33 5.51 -0.34	60.88 4.29 -11.93	58.71 4.11 -11.75	60.85 4.38 -10.80	61.64 4.93 -5.85	67.00 5.87 0.00	71.17 5.27 0.00	58.02 3.70 0.00	51.58 3.15 0.00	42.08 2.27 0.00
LINDHRST_69_KV_BK1 356055	42.07 3.69 -1.10	37.72 3.33 -0.01	34.85 3.22 -0.01	33.46 3.15 -0.01	34.20 3.14 -0.01	39.45 3.65 -0.01	50.76 4.91 -0.01	55.72 5.43 -0.01	54.69 5.42 0.00	55.49 5.68 0.00	56.43 5.59 0.00	58.11 5.85 -0.01	60.88 6.23 -0.01	59.89 5.85 -1.85	59.03 6.19 -0.36	61.47 4.87 -11.94	60.09 4.71 -12.52	62.10 5.07 -11.36	67.51 5.70 -10.95	75.25 7.15 -6.97	72.57 6.59 -0.08	59.06 4.73 -0.01	52.85 4.41 -0.01	43.32 3.50 -0.01
LIPA_MISC_IPP 23656	41.96 3.69 -0.99	37.68 3.30 -0.01	34.85 3.22 -0.01	33.43 3.12 -0.01	34.20 3.14 -0.01	39.45 3.65 -0.01	50.76 4.91 -0.01	55.72 5.43 -0.01	54.59 5.32 0.00	55.34 5.53 0.00	56.23 5.39 0.00	57.90 5.64 -0.01	60.77 6.12 -0.01	59.84 5.79 -1.85	58.97 6.14 -0.36	61.47 4.87 -11.94	60.01 4.71 -12.45	62.05 5.07 -11.31	67.02 5.70 -10.46	74.66 7.21 -6.32	72.63 6.66 -0.08	59.01 4.67 -0.01	52.90 4.46 -0.01	43.28 3.46 -0.01

LISF___SOLAR 323691	42.04 3.76 -0.99	37.76 3.37 -0.01	34.91 3.29 -0.01	33.48 3.18 -0.01	34.29 3.23 -0.01	39.52 3.72 -0.01	50.80 4.95 -0.01	55.82 5.53 -0.01	54.69 5.42 0.00	55.39 5.58 0.00	56.33 5.49 0.00	57.95 5.70 -0.01	60.77 6.12 -0.01	59.94 5.90 -1.85	59.02 6.19 -0.35	61.60 5.00 -11.94	60.14 4.84 -12.45	62.14 5.16 -11.31	67.20 5.85 -10.49	74.72 7.27 -6.32	72.83 6.85 -0.08	59.17 4.83 -0.01	53.00 4.55 -0.01	43.16 3.34 -0.01
LITTLE FALLS___HYD 24013	38.81 1.53 0.00	35.89 1.51 0.00	33.10 1.49 0.00	31.75 1.45 0.00	32.54 1.49 0.00	37.50 1.72 0.00	48.00 2.15 0.00	52.50 2.21 0.00	51.34 2.07 -0.01	52.33 2.24 -0.28	53.29 2.44 -0.01	54.65 2.40 0.00	56.90 2.19 -0.07	54.28 2.09 0.00	54.58 2.10 0.00	46.45 1.79 0.00	44.43 1.59 0.00	47.36 1.69 0.00	52.59 1.73 0.00	63.33 2.20 0.00	67.87 1.98 0.00	55.79 1.47 0.00	49.65 1.21 0.00	40.61 0.80 0.00
LITTLRIV_115KV_TB1 356100	36.05 -1.23 0.00	33.38 -1.00 0.00	30.70 -0.92 0.00	29.48 -0.82 0.00	30.28 -0.78 0.00	34.96 -0.82 0.00	45.02 -0.83 0.00	49.63 -0.65 0.00	48.92 -0.64 -0.29	61.81 -0.40 -12.40	50.62 -0.51 -0.29	51.52 -0.73 0.00	56.75 -0.93 -3.04	51.24 -0.99 -0.03	51.07 -1.42 -0.01	43.63 -1.25 -0.22	42.08 -0.99 -0.22	45.33 -0.73 -0.39	50.35 -0.97 -0.45	60.24 -1.41 -0.52	65.29 -1.05 -0.45	54.04 -0.43 -0.15	48.07 -0.48 -0.11	39.33 -0.48 0.00
LI_NEWBRDGE___DRP 323616	41.20 2.98 -0.93	37.10 2.72 -0.01	34.31 2.69 -0.01	32.94 2.64 -0.01	33.64 2.58 -0.01	38.77 2.97 -0.01	49.93 4.08 -0.01	54.82 4.53 -0.01	53.95 4.68 0.00	54.74 4.93 0.00	55.67 4.83 0.00	57.27 5.02 -0.01	60.06 5.41 -0.01	59.05 5.01 -1.85	58.13 5.30 -0.36	60.66 4.06 -11.94	59.20 3.94 -12.41	61.15 4.20 -11.28	65.77 4.73 -10.18	72.92 5.87 -5.92	71.17 5.21 -0.07	57.97 3.64 -0.01	51.93 3.49 -0.01	42.61 2.79 -0.01
LOCKPORT_115KV_TB60_63_64 80432	35.34 -1.94 0.00	31.87 -2.51 0.00	29.59 -2.02 0.00	28.30 -2.00 0.00	28.97 -2.08 0.00	32.92 -2.86 0.00	41.67 -4.17 0.00	46.16 -4.12 0.00	44.82 -4.43 0.01	45.01 -4.98 -0.19	45.90 -4.93 0.01	47.06 -5.17 0.02	48.94 -5.74 -0.04	46.28 -6.00 -0.08	46.93 -5.56 -0.01	40.55 -4.73 -0.62	38.75 -4.71 -0.61	40.70 -5.02 -0.05	45.70 -5.54 -0.38	55.32 -5.81 0.01	60.49 -5.40 0.00	49.65 -4.67 0.00	44.02 -4.41 0.01	36.74 -3.07 0.00
LOCKPORT___CC1 323769	35.38 -1.90 0.00	31.94 -2.44 0.00	29.59 -2.02 0.00	28.33 -1.97 0.00	28.97 -2.08 0.00	32.96 -2.83 0.00	42.13 -3.71 0.00	46.16 -4.12 0.00	44.82 -4.43 0.01	44.96 -5.03 -0.18	45.80 -5.03 0.01	47.01 -5.22 0.02	48.99 -5.68 -0.03	46.43 -5.84 -0.08	46.91 -5.56 0.00	40.32 -4.96 -0.62	38.62 -4.84 -0.61	40.70 -5.02 -0.05	45.67 -5.60 -0.40	55.68 -5.44 0.01	60.76 -5.14 0.00	49.65 -4.67 0.00	44.02 -4.41 0.01	36.62 -3.19 0.00
LOCKPORT___CC2 323770	35.38 -1.90 0.00	31.94 -2.44 0.00	29.59 -2.02 0.00	28.33 -1.97 0.00	28.97 -2.08 0.00	32.96 -2.83 0.00	42.13 -3.71 0.00	46.16 -4.12 0.00	44.82 -4.43 0.01	44.96 -5.03 -0.18	45.80 -5.03 0.01	47.01 -5.22 0.02	48.99 -5.68 -0.03	46.43 -5.84 -0.08	46.91 -5.56 0.00	40.32 -4.96 -0.62	38.62 -4.84 -0.61	40.70 -5.02 -0.05	45.67 -5.60 -0.40	55.68 -5.44 0.01	60.76 -5.14 0.00	49.65 -4.67 0.00	44.02 -4.41 0.01	36.62 -3.19 0.00
LOCKPORT___CC3 323771	35.38 -1.90 0.00	31.94 -2.44 0.00	29.59 -2.02 0.00	28.33 -1.97 0.00	28.97 -2.08 0.00	32.96 -2.83 0.00	42.13 -3.71 0.00	46.16 -4.12 0.00	44.82 -4.43 0.01	44.96 -5.03 -0.18	45.80 -5.03 0.01	47.01 -5.22 0.02	48.99 -5.68 -0.03	46.43 -5.84 -0.08	46.91 -5.56 0.00	40.32 -4.96 -0.62	38.62 -4.84 -0.61	40.70 -5.02 -0.05	45.67 -5.60 -0.40	55.68 -5.44 0.01	60.76 -5.14 0.00	49.65 -4.67 0.00	44.02 -4.41 0.01	36.62 -3.19 0.00
LOCUSVLY_69_KV_BK2 55797	42.02 3.32 -1.42	37.41 3.03 -0.01	34.60 2.97 -0.01	33.19 2.88 -0.01	33.92 2.86 -0.01	39.09 3.29 -0.01	50.35 4.49 -0.01	55.27 4.98 -0.01	54.39 5.12 0.00	55.24 5.43 0.00	56.28 5.44 0.00	57.90 5.64 -0.01	60.78 6.12 -0.01	59.79 5.74 -1.85	58.87 6.03 -0.36	61.29 4.69 -11.94	60.10 4.50 -12.76	62.00 4.80 -11.53	68.68 5.34 -12.48	76.72 6.54 -9.05	71.93 5.93 -0.10	58.63 4.29 -0.01	52.42 3.97 -0.01	42.97 3.14 -0.01
LONG_LAKE_PHOENIX 24014	36.72 -0.56 0.00	33.79 -0.58 0.00	31.14 -0.47 0.00	29.78 -0.52 0.00	30.59 -0.47 0.00	35.21 -0.57 0.00	45.11 -0.73 0.00	49.48 -0.80 0.00	48.44 -0.84 -0.01	49.40 -0.90 -0.49	49.94 -0.92 -0.01	51.31 -0.94 0.00	53.73 -1.04 -0.12	51.31 -1.04 -0.16	51.56 -0.94 -0.03	44.51 -0.94 -0.79	42.72 -0.90 -0.78	47.06 -1.00 -2.39	53.49 -1.07 -3.69	64.97 -0.98 -4.82	68.81 -1.25 -4.16	54.55 -1.14 -1.37	48.38 -1.11 -1.06	38.97 -0.84 0.00
LOVETT___3 23632	39.70 2.42 0.00	36.58 2.20 0.00	33.83 2.21 0.00	32.45 2.15 0.00	33.16 2.11 0.00	38.26 2.47 0.00	49.23 3.39 0.00	54.11 3.82 0.00	53.26 3.99 0.00	54.09 4.28 0.00	55.21 4.37 0.00	56.84 4.60 0.00	59.67 5.03 0.00	58.70 4.70 -1.81	57.80 4.99 -0.34	60.21 3.80 -11.76	58.11 3.69 -11.58	60.25 3.93 -10.65	60.97 4.37 -5.73	66.51 5.38 0.00	70.71 4.81 0.00	57.64 3.31 0.00	51.39 2.95 0.00	42.04 2.23 0.00
LOVETT___4 23642	39.70 2.42 0.00	36.58 2.20 0.00	33.83 2.21 0.00	32.45 2.15 0.00	33.16 2.11 0.00	38.26 2.47 0.00	49.23 3.39 0.00	54.11 3.82 0.00	53.26 3.99 0.00	54.09 4.28 0.00	55.21 4.37 0.00	56.84 4.60 0.00	59.67 5.03 0.00	58.70 4.70 -1.81	57.80 4.99 -0.34	60.21 3.80 -11.76	58.11 3.69 -11.58	60.25 3.93 -10.65	60.97 4.37 -5.73	66.51 5.38 0.00	70.71 4.81 0.00	57.64 3.31 0.00	51.39 2.95 0.00	42.04 2.23 0.00
LOVETT___5 23593	39.70 2.42 0.00	36.58 2.20 0.00	33.83 2.21 0.00	32.45 2.15 0.00	33.16 2.11 0.00	38.26 2.47 0.00	49.23 3.39 0.00	54.11 3.82 0.00	53.26 3.99 0.00	54.09 4.28 0.00	55.21 4.37 0.00	56.84 4.60 0.00	59.67 5.03 0.00	58.70 4.70 -1.81	57.80 4.99 -0.34	60.21 3.80 -11.76	58.11 3.69 -11.58	60.25 3.93 -10.65	60.97 4.37 -5.73	66.51 5.38 0.00	70.71 4.81 0.00	57.64 3.31 0.00	51.39 2.95 0.00	42.04 2.23 0.00
LOWER RAQUET___HYD 24057	35.60 -1.68 0.00	32.96 -1.41 0.00	30.29 -1.33 0.00	29.05 -1.24 0.00	29.84 -1.21 0.00	34.46 -1.32 0.00	44.28 -1.56 0.00	48.88 -1.41 0.00	48.37 -1.18 -0.28	61.16 -0.75 -12.10	50.36 -0.76 -0.28	51.25 -0.99 0.00	56.46 -1.15 -2.96	50.83 -1.41 -0.04	50.75 -1.73 -0.01	43.29 -1.61 -0.23	41.62 -1.46 -0.23	44.76 -1.33 -0.42	49.72 -1.63 -0.48	59.42 -2.26 -0.56	64.27 -2.11 -0.48	53.23 -1.25 -0.16	47.35 -1.21 -0.12	38.82 -0.99 0.00
LOWER___HUDSON 24059	38.88 1.60 0.00	35.96 1.58 0.00	33.16 1.55 0.00	31.78 1.48 0.00	32.51 1.46 0.00	37.54 1.75 0.00	47.91 2.06 0.00	52.55 2.26 0.00	51.49 2.22 0.00	52.05 2.24 0.00	53.20 2.34 -0.02	55.24 2.56 -0.43	58.44 2.62 -1.17	59.55 2.66 -4.69	55.56 2.67 -0.41	60.41 2.32 -13.43	58.30 2.23 -13.23	60.09 2.33 -12.10	60.14 2.54 -6.73	64.12 2.99 0.00	68.20 2.31 0.00	56.34 2.01 0.00	50.47 2.03 0.00	41.40 1.59 0.00

LOWVILLE_115KV_TB2 356335	37.32 0.04 0.00	34.38 0.00 0.00	31.68 0.06 0.00	30.30 0.00 0.00	31.21 0.16 0.00	36.07 0.29 0.00	46.30 0.46 0.00	51.04 0.75 0.00	49.85 0.49 -0.09	54.08 0.45 -3.82	51.54 0.61 -0.09	52.56 0.31 0.00	55.80 0.22 -0.94	52.54 0.26 -0.09	52.75 0.26 -0.02	45.39 0.18 -0.55	43.22 -0.17 -0.54	46.85 0.23 -0.95	52.05 0.10 -1.09	63.04 0.67 -1.24	67.43 0.46 -1.07	55.44 0.76 -0.35	49.39 0.68 -0.27	40.21 0.40 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	39.44 2.16 0.00	36.44 2.06 0.00	33.57 1.96 0.00	32.14 1.85 0.00	32.85 1.80 0.00	37.97 2.18 0.00	48.64 2.80 0.00	53.25 2.97 0.00	52.23 2.96 0.00	52.85 3.04 0.00	54.11 3.25 -0.01	56.03 3.45 -0.33	59.26 3.72 -0.90	59.86 3.55 -4.12	56.35 3.46 -0.41	61.15 2.95 -13.54	58.89 2.70 -13.34	60.74 2.88 -12.20	60.72 3.10 -6.76	64.86 3.73 0.00	69.13 3.23 0.00	57.09 2.77 0.00	51.10 2.66 0.00	42.00 2.19 0.00
LUTHERNY_35_KV_BK2 355980	39.48 2.20 0.00	36.47 2.10 0.00	33.57 1.96 0.00	32.14 1.85 0.00	32.88 1.83 0.00	37.97 2.18 0.00	48.68 2.84 0.00	53.25 2.97 0.00	52.27 3.01 0.00	52.90 3.09 0.00	54.16 3.30 -0.01	56.08 3.50 -0.33	59.32 3.77 -0.90	59.92 3.60 -4.12	56.35 3.46 -0.41	61.15 2.95 -13.54	58.93 2.74 -13.34	60.74 2.88 -12.20	60.72 3.10 -6.76	64.92 3.79 0.00	69.19 3.29 0.00	57.15 2.82 0.00	51.15 2.71 0.00	42.04 2.23 0.00
LWR__OSWEGATCHIE_HYD 23850	36.13 -1.16 0.00	33.38 -1.00 0.00	30.70 -0.92 0.00	29.39 -0.91 0.00	30.24 -0.81 0.00	34.93 -0.86 0.00	44.88 -0.96 0.00	49.48 -0.80 0.00	48.62 -0.84 -0.19	57.51 -0.65 -8.34	50.48 -0.56 -0.19	51.41 -0.84 0.00	55.71 -0.98 -2.04	51.27 -0.99 -0.06	51.23 -1.26 -0.01	43.90 -1.16 -0.40	41.91 -1.33 -0.39	45.36 -1.05 -0.74	50.36 -1.37 -0.87	60.68 -1.47 -1.02	65.26 -1.52 -0.88	53.80 -0.81 -0.29	47.98 -0.68 -0.22	39.17 -0.64 0.00
LYONS_FALL_HYD 23570	37.58 0.30 0.00	34.65 0.27 0.00	31.90 0.28 0.00	30.51 0.21 0.00	31.43 0.37 0.00	36.29 0.50 0.00	46.62 0.78 0.00	51.39 1.10 0.00	50.22 0.89 -0.06	53.43 0.85 -2.77	51.87 0.96 -0.06	52.98 0.73 0.00	56.03 0.71 -0.68	53.06 0.78 -0.08	53.23 0.73 -0.02	45.78 0.58 -0.54	43.64 0.26 -0.53	47.17 0.64 -0.86	52.31 0.51 -0.94	63.30 1.16 -1.02	67.70 0.92 -0.88	55.64 1.03 -0.29	49.53 0.87 -0.22	40.41 0.60 0.00
MADISON__COUNTY_LFGE 323628	38.18 0.89 0.00	35.13 0.76 0.00	32.37 0.76 0.00	30.96 0.67 0.00	31.83 0.78 0.00	36.75 0.97 0.00	47.17 1.33 0.00	51.89 1.61 0.00	50.72 1.43 -0.02	52.09 1.39 -0.89	52.34 1.47 -0.02	53.61 1.36 0.00	56.23 1.37 -0.22	53.73 1.41 -0.12	53.97 1.47 -0.02	46.60 1.16 -0.77	44.55 0.94 -0.76	47.92 1.19 -1.07	53.13 1.22 -1.04	64.02 1.90 -1.00	68.47 1.71 -0.86	56.02 1.41 -0.28	49.87 1.21 -0.22	40.73 0.92 0.00
MALONE__115KV_TB1 356076	36.57 -0.71 0.00	33.89 -0.48 0.00	31.33 -0.28 0.00	30.14 -0.15 0.00	30.93 -0.12 0.00	35.75 -0.04 0.00	46.02 0.18 0.00	50.84 0.55 0.00	49.89 0.64 0.01	49.67 0.50 0.64	51.23 0.41 0.01	52.51 0.26 0.00	54.76 0.27 0.16	52.51 0.31 0.00	52.63 0.16 0.00	44.80 0.13 0.00	43.19 0.34 0.00	46.26 0.59 0.00	51.32 0.46 0.00	61.31 0.18 0.00	66.49 0.59 0.00	54.92 0.60 0.00	48.78 0.34 0.00	39.85 0.04 0.00
MAPLEWOD_115KV_TB3 80458	38.70 1.42 0.00	35.72 1.34 0.00	32.94 1.33 0.00	31.57 1.27 0.00	32.29 1.24 0.00	37.25 1.47 0.00	47.68 1.83 0.00	52.19 1.91 0.00	51.24 1.97 0.00	51.85 2.04 0.00	52.95 2.08 -0.02	55.12 2.30 -0.57	58.67 2.46 -1.57	60.15 2.40 -5.55	55.24 2.36 -0.40	60.21 2.01 -13.54	58.03 1.84 -13.34	59.95 2.01 -12.28	59.72 2.19 -6.66	63.70 2.57 0.00	67.87 1.98 0.00	55.90 1.58 0.00	50.08 1.65 0.00	41.16 1.35 0.00
MAPLE_RIDGE_WT_1 323574	36.76 -0.52 0.00	33.96 -0.41 0.00	31.27 -0.35 0.00	29.99 -0.30 0.00	30.74 -0.31 0.00	35.43 -0.36 0.00	45.38 -0.46 0.00	49.78 -0.50 0.00	48.77 -0.49 0.00	49.12 -0.50 0.20	50.33 -0.51 0.00	51.67 -0.57 0.00	54.00 -0.60 0.05	51.62 -0.57 0.00	51.90 -0.58 0.00	44.17 -0.49 0.00	42.42 -0.43 0.00	45.21 -0.46 0.00	50.36 -0.51 0.00	60.46 -0.67 0.00	65.11 -0.79 0.00	53.67 -0.65 0.00	47.76 -0.68 0.00	39.13 -0.68 0.00
MAPLE_RIDGE_WT_2 323611	36.76 -0.52 0.00	33.96 -0.41 0.00	31.27 -0.35 0.00	29.99 -0.30 0.00	30.74 -0.31 0.00	35.43 -0.36 0.00	45.38 -0.46 0.00	49.78 -0.50 0.00	48.77 -0.49 0.00	49.12 -0.50 0.20	50.33 -0.51 0.00	51.67 -0.57 0.00	54.00 -0.60 0.05	51.62 -0.57 0.00	51.90 -0.58 0.00	44.17 -0.49 0.00	42.42 -0.43 0.00	45.21 -0.46 0.00	50.36 -0.51 0.00	60.46 -0.67 0.00	65.11 -0.79 0.00	53.67 -0.65 0.00	47.76 -0.68 0.00	39.13 -0.68 0.00
MARBLE_RIVER_WT_PWR 323696	36.20 -1.08 0.00	33.55 -0.83 0.00	31.01 -0.60 0.00	29.84 -0.45 0.00	30.62 -0.43 0.00	35.36 -0.43 0.00	45.38 -0.46 0.00	49.98 -0.30 0.00	49.01 -0.25 0.01	48.93 -0.25 0.64	50.52 -0.30 0.01	51.83 -0.42 0.00	54.05 -0.44 0.16	51.78 -0.42 0.00	51.95 -0.52 0.00	44.30 -0.36 0.00	42.59 -0.26 0.00	45.44 -0.23 0.00	50.56 -0.30 0.00	60.46 -0.67 0.00	65.57 -0.33 0.00	54.22 -0.11 0.00	48.20 -0.24 0.00	39.53 -0.28 0.00
MARSHVLE_115KV_TB1 80742	39.18 1.90 0.00	36.13 1.75 0.00	33.22 1.61 0.00	31.81 1.51 0.00	32.60 1.55 0.00	37.72 1.93 0.00	48.87 3.03 0.00	53.50 3.22 0.00	52.13 2.86 0.00	52.25 2.44 0.00	53.29 2.44 -0.01	55.09 2.66 -0.18	58.19 3.06 -0.48	58.53 2.92 -3.41	55.75 2.83 -0.44	62.27 2.64 -14.97	59.87 2.27 -14.75	61.99 2.69 -13.63	60.88 2.64 -7.37	64.62 3.48 0.00	69.06 3.16 0.00	56.82 2.50 0.00	50.91 2.47 0.00	41.72 1.91 0.00
MARSH_HILL_WT_PWR 323713	36.72 -0.56 0.00	33.31 -1.07 0.00	30.82 -0.79 0.00	29.42 -0.88 0.00	30.15 -0.90 0.00	34.46 -1.32 0.00	44.24 -1.61 0.00	48.52 -1.76 0.00	47.31 -1.92 0.04	47.66 -2.29 -0.14	48.42 -2.39 0.04	49.49 -2.72 0.04	51.46 -3.17 0.02	49.19 -2.87 0.14	49.63 -2.78 0.07	42.86 -2.19 -0.39	41.09 -2.14 -0.38	43.75 -1.96 -0.04	49.27 -1.98 -0.39	59.59 -1.53 0.01	64.91 -0.99 0.00	52.70 -1.63 0.00	46.49 -1.94 0.01	38.38 -1.43 0.00
MCINTYRE_115KV_TB2 80467	36.50 -0.78 0.00	33.79 -0.58 0.00	31.11 -0.51 0.00	29.87 -0.42 0.00	30.68 -0.37 0.00	35.46 -0.32 0.00	45.61 -0.23 0.00	50.28 0.00 0.00	49.42 -0.15 -0.30	62.59 -0.10 -12.88	50.89 -0.25 -0.30	51.72 -0.52 0.00	57.09 -0.71 -3.16	51.60 -0.63 -0.03	51.48 -1.00 -0.01	44.06 -0.80 -0.20	42.57 -0.47 -0.20	45.88 -0.14 -0.35	50.96 -0.31 -0.40	60.98 -0.61 -0.46	66.16 -0.13 -0.40	54.78 0.33 -0.13	48.73 0.19 -0.10	39.85 0.04 0.00
MECO____69_KV_BK1 80468	39.67 2.39 0.00	36.58 2.20 0.00	33.64 2.02 0.00	32.20 1.91 0.00	32.95 1.89 0.00	38.15 2.36 0.00	49.28 3.44 0.00	53.80 3.52 0.00	52.47 3.20 0.00	52.70 2.89 0.00	53.75 2.90 -0.01	55.47 3.03 -0.19	58.55 3.39 -0.51	58.71 3.13 -3.39	56.00 3.10 -0.43	62.05 2.86 -14.53	59.82 2.66 -14.32	61.98 3.11 -13.21	61.29 3.31 -7.12	65.47 4.34 0.00	69.98 4.09 0.00	57.58 3.26 0.00	51.49 3.05 0.00	42.20 2.39 0.00

MENANDS__115KV_TB5 355628	38.55 1.27 0.00	35.61 1.24 0.00	32.85 1.23 0.00	31.48 1.18 0.00	32.20 1.15 0.00	37.15 1.36 0.00	47.49 1.65 0.00	51.99 1.71 0.00	51.04 1.77 0.00	51.65 1.84 0.00	52.80 1.93 -0.02	54.98 2.14 -0.59	58.55 2.30 -1.60	60.08 2.24 -5.63	55.03 2.15 -0.40	60.02 1.83 -13.52	57.88 1.71 -13.32	59.75 1.83 -12.26	59.50 1.98 -6.65	63.45 2.32 0.00	67.61 1.71 0.00	55.68 1.36 0.00	49.84 1.40 0.00	41.00 1.19 0.00
MG INDUSTRY__DRP 24185	38.59 1.30 0.00	35.65 1.27 0.00	32.85 1.23 0.00	31.48 1.18 0.00	32.20 1.15 0.00	37.11 1.32 0.00	47.49 1.65 0.00	51.99 1.71 0.00	50.94 1.68 0.00	51.50 1.69 0.00	52.55 1.73 0.02	53.60 1.93 0.58	55.14 2.08 1.58	52.79 1.98 1.39	54.81 1.94 -0.39	59.70 1.70 -13.34	57.58 1.59 -13.14	59.50 1.74 -12.10	59.31 1.88 -6.57	63.45 2.32 0.00	67.81 1.91 0.00	55.79 1.47 0.00	49.94 1.50 0.00	41.08 1.27 0.00
MID__OSWEGATCHIE_HYD 23849	36.13 -1.16 0.00	33.38 -1.00 0.00	30.70 -0.92 0.00	29.39 -0.91 0.00	30.24 -0.81 0.00	34.93 -0.86 0.00	44.88 -0.96 0.00	49.48 -0.80 0.00	48.62 -0.84 -0.19	57.51 -0.65 -8.34	50.48 -0.56 -0.19	51.41 -0.84 0.00	55.71 -0.98 -2.04	51.27 -0.99 -0.06	51.23 -1.26 -0.01	43.90 -1.16 -0.40	41.91 -1.33 -0.39	45.36 -1.05 -0.74	50.36 -1.37 -0.87	60.68 -1.47 -1.02	65.26 -1.52 -0.88	53.80 -0.81 -0.29	47.98 -0.68 -0.22	39.17 -0.64 0.00
MID__RAQUETTE_HYD 23851	35.60 -1.68 0.00	32.97 -1.41 0.00	30.28 -1.33 0.00	29.05 -1.24 0.00	29.84 -1.21 0.00	34.46 -1.32 0.00	44.33 -1.51 0.00	48.88 -1.41 0.00	48.37 -1.18 -0.28	61.16 -0.75 -12.10	50.36 -0.76 -0.28	51.25 -0.99 0.00	56.46 -1.15 -2.96	50.93 -1.30 -0.04	50.75 -1.73 -0.01	43.29 -1.61 -0.23	41.62 -1.46 -0.23	44.81 -1.28 -0.42	49.72 -1.63 -0.48	59.36 -2.32 -0.56	64.33 -2.04 -0.48	53.23 -1.25 -0.16	47.35 -1.21 -0.12	38.81 -1.00 0.00
MILLIKEN__1 23584	38.14 0.86 0.00	35.06 0.69 0.00	32.31 0.70 0.00	30.90 0.61 0.00	31.74 0.68 0.00	36.57 0.79 0.00	46.94 1.10 0.00	51.69 1.41 0.00	50.59 1.28 -0.04	51.32 1.20 -0.32	52.00 1.12 -0.04	53.32 1.04 -0.03	55.75 0.98 -0.12	53.91 0.89 -0.82	53.75 1.10 -0.17	47.12 0.71 -1.75	45.25 0.69 -1.72	48.66 0.87 -2.13	54.08 1.12 -2.10	64.44 1.71 -1.60	68.93 1.65 -1.38	55.92 1.14 -0.45	49.61 0.82 -0.35	40.57 0.76 0.00
MILLIKEN__2 23585	38.14 0.86 0.00	35.06 0.69 0.00	32.31 0.70 0.00	30.90 0.61 0.00	31.74 0.68 0.00	36.57 0.79 0.00	46.94 1.10 0.00	51.69 1.41 0.00	50.59 1.28 -0.04	51.32 1.20 -0.32	52.00 1.12 -0.04	53.32 1.04 -0.03	55.75 0.98 -0.12	53.91 0.89 -0.82	53.75 1.10 -0.17	47.12 0.71 -1.75	45.25 0.69 -1.72	48.66 0.87 -2.13	54.08 1.12 -2.10	64.44 1.71 -1.60	68.93 1.65 -1.38	55.92 1.14 -0.45	49.61 0.82 -0.35	40.57 0.76 0.00
MILLIKEN__DIESEL 23629	38.14 0.86 0.00	35.06 0.69 0.00	32.31 0.70 0.00	30.90 0.61 0.00	31.74 0.68 0.00	36.57 0.79 0.00	46.94 1.10 0.00	51.69 1.41 0.00	50.59 1.28 -0.04	51.32 1.20 -0.32	52.00 1.12 -0.04	53.32 1.04 -0.03	55.75 0.98 -0.12	53.91 0.89 -0.82	53.75 1.10 -0.17	47.12 0.71 -1.75	45.25 0.69 -1.72	48.66 0.87 -2.13	54.08 1.12 -2.10	64.44 1.71 -1.60	68.93 1.65 -1.38	55.92 1.14 -0.45	49.61 0.82 -0.35	40.57 0.76 0.00
MILLSEAT__LFGE 323607	35.97 -1.31 0.00	32.59 -1.79 0.00	30.16 -1.45 0.00	28.84 -1.45 0.00	29.56 -1.49 0.00	33.68 -2.11 0.00	43.18 -2.66 0.00	47.42 -2.86 0.00	46.06 -3.20 0.01	46.16 -3.83 -0.19	46.97 -3.87 0.01	48.21 -4.02 0.01	50.30 -4.37 -0.03	47.69 -4.59 -0.08	48.07 -4.41 0.00	41.27 -4.02 -0.63	39.52 -3.94 -0.62	41.70 -4.02 -0.05	46.89 -4.37 -0.40	57.21 -3.91 0.01	62.27 -3.62 0.00	50.90 -3.42 0.00	45.09 -3.34 0.01	37.38 -2.43 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	39.78 2.50 0.00	36.64 2.27 0.00	33.89 2.28 0.00	32.51 2.21 0.00	33.23 2.17 0.00	38.33 2.54 0.00	49.33 3.48 0.00	54.21 3.92 0.00	53.36 4.09 0.00	54.24 4.43 0.00	55.37 4.52 0.00	57.00 4.75 0.00	59.84 5.19 0.00	58.88 4.85 -1.83	57.97 5.14 -0.35	60.49 3.93 -11.90	58.34 3.77 -11.72	60.50 4.06 -10.77	61.20 4.53 -5.81	66.69 5.56 0.00	70.77 4.88 0.00	57.75 3.42 0.00	51.49 3.05 0.00	42.12 2.31 0.00
MILLWOOD_13_KV_LOAD 356217	39.85 2.57 0.00	36.71 2.34 0.00	33.92 2.31 0.00	32.57 2.27 0.00	33.29 2.24 0.00	38.36 2.58 0.00	49.42 3.58 0.00	54.26 3.97 0.00	53.46 4.19 0.00	54.34 4.53 0.00	55.47 4.63 0.00	57.11 4.86 0.00	60.00 5.36 0.00	59.04 5.01 -1.83	58.12 5.30 -0.35	60.67 4.11 -11.90	58.51 3.94 -11.72	60.64 4.20 -10.77	61.30 4.63 -5.81	66.82 5.69 0.00	70.91 5.01 0.00	57.86 3.53 0.00	51.59 3.15 0.00	42.20 2.39 0.00
MODEL_CITY_ENERGY 24167	35.00 -2.28 0.00	31.59 -2.78 0.00	29.31 -2.31 0.00	28.05 -2.24 0.00	28.69 -2.36 0.00	32.64 -3.15 0.00	41.67 -4.17 0.00	45.71 -4.58 0.00	44.38 -4.88 0.01	44.51 -5.48 -0.18	45.34 -5.49 0.01	46.54 -5.69 0.02	48.55 -6.12 -0.03	46.01 -6.27 -0.08	46.44 -6.03 0.00	39.97 -5.32 -0.62	38.27 -5.19 -0.61	40.29 -5.44 -0.05	45.21 -6.05 -0.40	55.13 -5.99 0.01	60.16 -5.73 0.00	49.16 -5.16 0.00	43.63 -4.80 0.01	36.31 -3.50 0.00
MODERN_LFGE__ 323580	35.00 -2.28 0.00	31.59 -2.78 0.00	29.31 -2.31 0.00	28.05 -2.24 0.00	28.69 -2.36 0.00	32.64 -3.15 0.00	41.67 -4.17 0.00	45.71 -4.58 0.00	44.38 -4.88 0.01	44.51 -5.48 -0.18	45.34 -5.49 0.01	46.54 -5.69 0.02	48.55 -6.12 -0.03	46.01 -6.27 -0.08	46.44 -6.03 0.00	39.97 -5.32 -0.62	38.27 -5.19 -0.61	40.29 -5.44 -0.05	45.21 -6.05 -0.40	55.13 -5.99 0.01	60.16 -5.73 0.00	49.16 -5.16 0.00	43.63 -4.80 0.01	36.31 -3.50 0.00
MOHAWK_PAPER__DRP 24187	38.70 1.42 0.00	35.72 1.34 0.00	32.94 1.33 0.00	31.57 1.27 0.00	32.29 1.24 0.00	37.25 1.47 0.00	47.68 1.83 0.00	52.19 1.91 0.00	51.24 1.97 0.00	51.85 2.04 0.00	52.95 2.08 -0.02	55.12 2.30 -0.57	58.67 2.46 -1.57	60.15 2.40 -5.55	55.24 2.36 -0.40	60.21 2.01 -13.54	58.03 1.84 -13.34	59.95 2.01 -12.28	59.72 2.19 -6.66	63.70 2.57 0.00	67.87 1.98 0.00	55.90 1.58 0.00	50.08 1.65 0.00	41.16 1.35 0.00
MOHICAN__35_KV_115KV_LD 80490	39.74 2.46 0.00	36.71 2.34 0.00	33.76 2.15 0.00	32.33 2.03 0.00	33.07 2.02 0.00	38.22 2.43 0.00	49.05 3.21 0.00	53.70 3.42 0.00	52.72 3.45 0.00	53.30 3.49 0.00	54.56 3.71 -0.01	56.47 3.92 -0.30	59.67 4.21 -0.82	60.11 3.97 -3.94	56.66 3.78 -0.41	61.37 3.13 -13.58	59.10 2.87 -13.38	60.92 3.01 -12.24	60.90 3.26 -6.78	65.10 3.97 0.00	69.39 3.49 0.00	57.47 3.15 0.00	51.44 3.00 0.00	42.32 2.51 0.00
MONGAUP__HYD 23641	39.33 2.05 0.00	36.23 1.85 0.00	33.48 1.86 0.00	32.05 1.76 0.00	32.79 1.74 0.00	38.08 2.29 0.00	48.87 3.02 0.00	53.71 3.42 0.00	52.77 3.50 0.00	53.35 3.54 0.00	54.35 3.51 0.00	55.85 3.60 0.00	58.53 3.88 0.00	57.65 3.71 -1.75	56.74 3.94 -0.33	59.07 3.04 -11.37	57.05 3.00 -11.20	59.28 3.29 -10.32	59.89 3.41 -5.62	65.35 4.21 0.00	69.92 4.02 0.00	57.09 2.77 0.00	50.81 2.37 0.00	41.56 1.75 0.00

MONTAUK___DIESEL 23721	41.22 2.95 -0.99	36.96 2.58 -0.01	34.18 2.56 -0.01	32.82 2.51 -0.01	33.64 2.58 -0.01	38.80 3.01 -0.01	49.98 4.13 -0.01	55.47 5.18 -0.01	54.15 4.88 0.00	54.94 5.13 0.00	56.03 5.19 0.00	57.69 5.43 -0.01	60.56 5.90 -0.01	59.68 5.64 -1.85	58.82 5.98 -0.36	61.38 4.78 -11.94	59.97 4.67 -12.45	61.45 4.48 -11.31	66.46 5.14 -10.46	74.05 6.60 -6.32	71.91 5.93 -0.08	58.30 3.97 -0.01	52.03 3.58 -0.01	42.41 2.59 -0.01
MOONROAD_115KV_HARTFLD_TB1-2 355988	36.61 -0.67 0.00	33.10 -1.27 0.00	30.60 -1.01 0.00	29.33 -0.97 0.00	29.97 -1.09 0.00	34.10 -1.68 0.00	43.46 -2.38 0.00	47.77 -2.51 0.00	46.74 -2.51 0.02	47.44 -2.54 -0.17	48.28 -2.54 0.02	49.56 -2.66 0.02	51.88 -2.79 -0.02	49.40 -2.87 -0.07	49.85 -2.62 0.00	42.99 -2.28 -0.61	40.96 -2.49 -0.60	43.40 -2.37 -0.10	48.17 -3.05 -0.36	58.00 -3.12 0.01	63.52 -2.37 0.00	51.55 -2.77 0.00	45.67 -2.76 0.01	38.06 -1.75 0.00
MORRIS_RIDGE___SOLAR 323848	36.35 -0.93 0.00	32.90 -1.48 0.00	30.44 -1.17 0.00	29.11 -1.18 0.00	29.84 -1.21 0.00	34.07 -1.72 0.00	43.73 -2.11 0.00	47.92 -2.36 0.00	46.68 -2.56 0.02	47.08 -2.89 -0.16	47.82 -3.00 0.02	48.82 -3.40 0.03	50.71 -3.94 0.00	48.53 -3.66 0.01	48.87 -3.57 0.03	42.31 -2.86 -0.51	40.52 -2.83 -0.50	42.90 -2.79 -0.02	48.09 -3.15 -0.38	58.19 -2.93 0.01	63.39 -2.50 0.00	51.56 -2.77 0.00	45.61 -2.81 0.01	37.82 -1.99 0.00
MORTIMER_115KV_TB3 55949	36.57 -0.71 0.00	33.31 -1.07 0.00	30.73 -0.89 0.00	29.42 -0.88 0.00	30.15 -0.90 0.00	34.53 -1.25 0.00	43.96 -1.88 0.00	48.78 -1.51 0.00	47.49 -1.77 0.01	47.66 -2.34 -0.19	48.60 -2.24 0.01	49.89 -2.35 0.01	51.89 -2.79 -0.04	49.16 -3.13 -0.09	49.71 -2.78 -0.01	42.80 -2.50 -0.64	41.08 -2.40 -0.63	42.94 -2.74 -0.01	48.47 -2.80 -0.40	58.68 -2.45 0.00	63.52 -2.37 0.00	52.31 -2.01 0.00	46.30 -2.13 0.00	38.34 -1.47 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	40.00 2.72 0.00	36.85 2.48 0.00	34.08 2.47 0.00	32.69 2.39 0.00	33.41 2.36 0.00	38.51 2.72 0.00	49.65 3.80 0.00	54.61 4.32 0.00	53.80 4.53 0.00	54.69 4.88 0.00	55.82 4.98 0.00	57.47 5.22 0.00	60.33 5.68 0.00	59.31 5.27 -1.84	58.44 5.61 -0.35	60.88 4.29 -11.93	58.75 4.16 -11.75	60.90 4.43 -10.80	61.62 4.93 -5.82	67.24 6.11 0.00	71.30 5.40 0.00	58.07 3.75 0.00	51.73 3.29 0.00	42.32 2.51 0.00
MUNSVILLE_WIND_PWR 323609	39.74 2.46 0.00	36.54 2.17 0.00	33.73 2.12 0.00	32.21 1.91 0.00	33.19 2.14 0.00	38.33 2.54 0.00	49.92 4.08 0.00	55.01 4.73 0.00	53.53 4.24 -0.02	53.93 4.09 -0.04	54.98 4.12 -0.02	56.08 3.81 -0.02	58.40 3.72 -0.04	56.91 3.86 -0.85	56.58 3.94 -0.17	52.09 3.35 -4.07	49.73 2.87 -4.01	53.64 3.61 -4.37	56.91 3.36 -2.69	67.06 4.89 -1.04	71.40 4.61 -0.89	58.26 3.64 -0.29	51.72 3.05 -0.23	42.16 2.35 0.00
N SALMON___HYD 24042	36.57 -0.71 0.00	33.89 -0.48 0.00	31.33 -0.29 0.00	30.14 -0.15 0.00	30.93 -0.12 0.00	35.75 -0.04 0.00	46.03 0.18 0.00	50.84 0.55 0.00	49.89 0.64 0.01	49.67 0.50 0.64	51.23 0.40 0.01	52.51 0.26 0.00	54.76 0.27 0.16	52.46 0.26 0.00	52.63 0.16 0.00	44.80 0.13 0.00	43.19 0.34 0.00	46.26 0.59 0.00	51.32 0.46 0.00	61.31 0.18 0.00	66.49 0.59 0.00	54.92 0.60 0.00	48.73 0.29 0.00	39.85 0.04 0.00
N.AKRON__115KV_KNAPP 355671	35.94 -1.34 0.00	32.52 -1.86 0.00	30.13 -1.49 0.00	28.81 -1.48 0.00	29.53 -1.52 0.00	33.64 -2.15 0.00	42.68 -3.16 0.00	47.32 -2.97 0.00	46.01 -3.25 0.01	46.11 -3.89 -0.19	46.97 -3.86 0.01	48.16 -4.08 0.01	50.09 -4.59 -0.04	47.37 -4.91 -0.08	47.98 -4.51 -0.01	41.40 -3.89 -0.63	39.61 -3.86 -0.62	41.61 -4.11 -0.05	46.77 -4.48 -0.38	56.78 -4.34 0.01	61.88 -4.02 0.00	50.85 -3.48 0.00	44.99 -3.44 0.01	37.46 -2.35 0.00
N.BELMOR_69_KV_BK1 55787	41.93 3.32 -1.33	37.45 3.06 -0.01	34.60 2.97 -0.01	33.22 2.91 -0.01	33.95 2.89 -0.01	39.09 3.29 -0.01	50.30 4.45 -0.01	55.27 4.98 -0.01	54.29 5.03 0.00	55.14 5.33 0.00	56.13 5.29 0.00	57.80 5.54 -0.01	60.56 5.90 -0.01	59.53 5.48 -1.85	58.66 5.82 -0.36	61.11 4.51 -11.94	59.87 4.33 -12.69	61.86 4.70 -11.49	68.16 5.24 -12.06	76.15 6.54 -8.48	71.92 5.93 -0.10	58.58 4.24 -0.01	52.42 3.97 -0.01	43.01 3.18 -0.01
N.E._GEN_SANDY PD 24062	39.03 1.75 0.00	36.13 1.75 0.00	36.38 1.77 -3.00	33.30 1.70 -1.31	33.90 1.68 -1.17	39.39 1.93 -1.67	48.09 2.25 0.00	52.85 2.56 0.00	51.78 2.51 0.00	52.45 2.64 0.00	53.54 2.69 0.00	55.30 2.92 -0.13	58.00 3.00 -0.35	58.00 3.03 -2.78	56.06 3.20 -0.38	60.20 2.63 -12.90	58.13 2.57 -12.71	60.09 2.74 -11.68	60.23 3.00 -6.36	64.61 3.48 0.00	68.60 2.70 0.00	56.50 2.18 0.00	50.67 2.23 0.00	41.52 1.71 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	39.78 2.50 0.00	36.64 2.27 0.00	33.86 2.24 0.00	32.48 2.18 0.00	33.19 2.14 0.00	38.29 2.51 0.00	49.28 3.44 0.00	54.16 3.87 0.00	53.31 4.04 0.00	54.19 4.38 0.00	55.32 4.47 0.00	56.90 4.65 0.00	59.78 5.14 0.00	58.80 4.80 -1.81	57.86 5.04 -0.34	60.23 3.84 -11.73	58.13 3.73 -11.55	60.27 3.97 -10.63	61.01 4.43 -5.72	66.57 5.44 0.00	70.84 4.94 0.00	57.75 3.42 0.00	51.44 3.00 0.00	42.12 2.31 0.00
N.QUEENS_27_KV_LOAD 356247	39.77 2.50 0.01	36.75 2.37 0.00	34.17 2.56 0.00	32.78 2.48 0.00	33.44 2.39 0.00	38.22 2.43 0.00	49.42 3.58 0.00	54.51 4.22 0.00	53.80 4.53 0.00	54.79 4.98 0.00	55.93 5.08 0.00	57.52 5.28 0.00	60.33 5.68 0.00	59.25 5.22 -1.84	58.39 5.56 -0.35	60.88 4.29 -11.93	58.71 4.11 -11.75	60.85 4.38 -10.80	61.62 4.93 -5.82	67.18 6.05 0.00	71.17 5.27 0.00	57.86 3.53 0.00	51.44 3.00 0.00	42.00 2.19 0.00
N.TROY___115KV_TB1 355778	38.88 1.60 0.00	35.96 1.58 0.00	33.16 1.55 0.00	31.78 1.48 0.00	32.51 1.46 0.00	37.54 1.75 0.00	47.95 2.11 0.00	52.55 2.26 0.00	51.49 2.22 0.00	52.05 2.24 0.00	53.20 2.34 -0.02	55.24 2.56 -0.43	58.55 2.73 -1.17	59.55 2.66 -4.69	55.56 2.68 -0.41	60.37 2.28 -13.43	58.26 2.19 -13.23	60.09 2.33 -12.10	60.11 2.54 -6.70	64.19 3.06 0.00	68.27 2.37 0.00	56.33 2.01 0.00	50.47 2.03 0.00	41.48 1.67 0.00
NARROWS_GT1_1 24228	40.23 2.94 -0.01	37.10 2.72 -0.01	34.37 2.75 -0.01	32.97 2.67 -0.01	33.70 2.64 -0.01	38.69 2.90 -0.01	49.84 3.99 -0.01	54.91 4.62 0.00	54.10 4.83 0.00	55.04 5.23 0.00	56.28 5.44 0.00	57.89 5.64 0.00	60.55 5.90 0.00	59.56 5.53 -1.84	58.64 5.82 -0.34	61.15 4.56 -11.93	59.01 4.41 -11.75	61.17 4.70 -10.80	62.01 5.29 -5.85	67.50 6.36 -0.01	71.64 5.73 -0.01	58.41 4.08 -0.01	51.98 3.53 -0.01	42.40 2.59 -0.01
NARROWS_GT1_2 24229	40.23 2.94 -0.01	37.10 2.72 -0.01	34.37 2.75 -0.01	32.97 2.67 -0.01	33.70 2.64 -0.01	38.69 2.90 -0.01	49.84 3.99 -0.01	54.91 4.62 0.00	54.10 4.83 0.00	55.04 5.23 0.00	56.28 5.44 0.00	57.89 5.64 0.00	60.55 5.90 0.00	59.56 5.53 -1.84	58.64 5.82 -0.34	61.15 4.56 -11.93	59.01 4.41 -11.75	61.17 4.70 -10.80	62.01 5.29 -5.85	67.50 6.36 -0.01	71.64 5.73 -0.01	58.41 4.08 -0.01	51.98 3.53 -0.01	42.40 2.59 -0.01

NARROWS_GT1_3 24230	40.23 2.94 -0.01	37.10 2.72 -0.01	34.37 2.75 -0.01	32.97 2.67 -0.01	33.70 2.64 -0.01	38.69 2.90 -0.01	49.84 3.99 -0.01	54.91 4.62 0.00	54.10 4.83 0.00	55.04 5.23 0.00	56.28 5.44 0.00	57.89 5.64 0.00	60.55 5.90 0.00	59.56 5.53 -1.84	58.64 5.82 -0.34	61.15 4.56 -11.93	59.01 4.41 -11.75	61.17 4.70 -10.80	62.01 5.29 -5.85	67.50 6.36 -0.01	71.64 5.73 -0.01	58.41 4.08 -0.01	51.98 3.53 -0.01	42.40 2.59 -0.01
NARROWS_GT1_4 24231	40.23 2.94 -0.01	37.10 2.72 -0.01	34.37 2.75 -0.01	32.97 2.67 -0.01	33.70 2.64 -0.01	38.69 2.90 -0.01	49.84 3.99 -0.01	54.91 4.62 0.00	54.10 4.83 0.00	55.04 5.23 0.00	56.28 5.44 0.00	57.89 5.64 0.00	60.55 5.90 0.00	59.56 5.53 -1.84	58.64 5.82 -0.34	61.15 4.56 -11.93	59.01 4.41 -11.75	61.17 4.70 -10.80	62.01 5.29 -5.85	67.50 6.36 -0.01	71.64 5.73 -0.01	58.41 4.08 -0.01	51.98 3.53 -0.01	42.40 2.59 -0.01
NARROWS_GT1_5 24232	40.23 2.94 -0.01	37.10 2.72 -0.01	34.37 2.75 -0.01	32.97 2.67 -0.01	33.70 2.64 -0.01	38.69 2.90 -0.01	49.84 3.99 -0.01	54.91 4.62 0.00	54.10 4.83 0.00	55.04 5.23 0.00	56.28 5.44 0.00	57.89 5.64 0.00	60.55 5.90 0.00	59.56 5.53 -1.84	58.64 5.82 -0.34	61.15 4.56 -11.93	59.01 4.41 -11.75	61.17 4.70 -10.80	62.01 5.29 -5.85	67.50 6.36 -0.01	71.64 5.73 -0.01	58.41 4.08 -0.01	51.98 3.53 -0.01	42.40 2.59 -0.01
NARROWS_GT1_6 24233	40.23 2.94 -0.01	37.10 2.72 -0.01	34.37 2.75 -0.01	32.97 2.67 -0.01	33.70 2.64 -0.01	38.69 2.90 -0.01	49.84 3.99 -0.01	54.91 4.62 0.00	54.10 4.83 0.00	55.04 5.23 0.00	56.28 5.44 0.00	57.89 5.64 0.00	60.55 5.90 0.00	59.56 5.53 -1.84	58.64 5.82 -0.34	61.15 4.56 -11.93	59.01 4.41 -11.75	61.17 4.70 -10.80	62.01 5.29 -5.85	67.50 6.36 -0.01	71.64 5.73 -0.01	58.41 4.08 -0.01	51.98 3.53 -0.01	42.40 2.59 -0.01
NARROWS_GT1_7 24234	40.23 2.94 -0.01	37.10 2.72 -0.01	34.37 2.75 -0.01	32.97 2.67 -0.01	33.70 2.64 -0.01	38.69 2.90 -0.01	49.84 3.99 -0.01	54.91 4.62 0.00	54.10 4.83 0.00	55.04 5.23 0.00	56.28 5.44 0.00	57.89 5.64 0.00	60.55 5.90 0.00	59.56 5.53 -1.84	58.64 5.82 -0.34	61.15 4.56 -11.93	59.01 4.41 -11.75	61.17 4.70 -10.80	62.01 5.29 -5.85	67.50 6.36 -0.01	71.64 5.73 -0.01	58.41 4.08 -0.01	51.98 3.53 -0.01	42.40 2.59 -0.01
NARROWS_GT1_8 24235	40.23 2.94 -0.01	37.10 2.72 -0.01	34.37 2.75 -0.01	32.97 2.67 -0.01	33.70 2.64 -0.01	38.69 2.90 -0.01	49.84 3.99 -0.01	54.91 4.62 0.00	54.10 4.83 0.00	55.04 5.23 0.00	56.28 5.44 0.00	57.89 5.64 0.00	60.55 5.90 0.00	59.56 5.53 -1.84	58.64 5.82 -0.34	61.15 4.56 -11.93	59.01 4.41 -11.75	61.17 4.70 -10.80	62.01 5.29 -5.85	67.50 6.36 -0.01	71.64 5.73 -0.01	58.41 4.08 -0.01	51.98 3.53 -0.01	42.40 2.59 -0.01
NARROWS_GT2_1 24236	40.23 2.94 -0.01	37.10 2.72 -0.01	34.37 2.75 -0.01	32.97 2.67 -0.01	33.70 2.64 -0.01	38.69 2.90 -0.01	49.84 3.99 -0.01	54.91 4.62 0.00	54.10 4.83 0.00	55.04 5.23 0.00	56.28 5.44 0.00	57.89 5.64 0.00	60.55 5.90 0.00	59.56 5.53 -1.84	58.64 5.82 -0.34	61.15 4.56 -11.93	59.01 4.41 -11.75	61.17 4.70 -10.80	62.01 5.29 -5.85	67.50 6.36 -0.01	71.64 5.73 -0.01	58.41 4.08 -0.01	51.98 3.53 -0.01	42.40 2.59 -0.01
NARROWS_GT2_2 24237	40.23 2.94 -0.01	37.10 2.72 -0.01	34.37 2.75 -0.01	32.97 2.67 -0.01	33.70 2.64 -0.01	38.69 2.90 -0.01	49.84 3.99 -0.01	54.91 4.62 0.00	54.10 4.83 0.00	55.04 5.23 0.00	56.28 5.44 0.00	57.89 5.64 0.00	60.55 5.90 0.00	59.56 5.53 -1.84	58.64 5.82 -0.34	61.15 4.56 -11.93	59.01 4.41 -11.75	61.17 4.70 -10.80	62.01 5.29 -5.85	67.50 6.36 -0.01	71.64 5.73 -0.01	58.41 4.08 -0.01	51.98 3.53 -0.01	42.40 2.59 -0.01
NARROWS_GT2_3 24238	40.23 2.94 -0.01	37.10 2.72 -0.01	34.37 2.75 -0.01	32.97 2.67 -0.01	33.70 2.64 -0.01	38.69 2.90 -0.01	49.84 3.99 -0.01	54.91 4.62 0.00	54.10 4.83 0.00	55.04 5.23 0.00	56.28 5.44 0.00	57.89 5.64 0.00	60.55 5.90 0.00	59.56 5.53 -1.84	58.64 5.82 -0.34	61.15 4.56 -11.93	59.01 4.41 -11.75	61.17 4.70 -10.80	62.01 5.29 -5.85	67.50 6.36 -0.01	71.64 5.73 -0.01	58.41 4.08 -0.01	51.98 3.53 -0.01	42.40 2.59 -0.01
NARROWS_GT2_4 24239	40.23 2.94 -0.01	37.10 2.72 -0.01	34.37 2.75 -0.01	32.97 2.67 -0.01	33.70 2.64 -0.01	38.69 2.90 -0.01	49.84 3.99 -0.01	54.91 4.62 0.00	54.10 4.83 0.00	55.04 5.23 0.00	56.28 5.44 0.00	57.89 5.64 0.00	60.55 5.90 0.00	59.56 5.53 -1.84	58.64 5.82 -0.34	61.15 4.56 -11.93	59.01 4.41 -11.75	61.17 4.70 -10.80	62.01 5.29 -5.85	67.50 6.36 -0.01	71.64 5.73 -0.01	58.41 4.08 -0.01	51.98 3.53 -0.01	42.40 2.59 -0.01
NARROWS_GT2_5 24240	40.23 2.94 -0.01	37.10 2.72 -0.01	34.37 2.75 -0.01	32.97 2.67 -0.01	33.70 2.64 -0.01	38.69 2.90 -0.01	49.84 3.99 -0.01	54.91 4.62 0.00	54.10 4.83 0.00	55.04 5.23 0.00	56.28 5.44 0.00	57.89 5.64 0.00	60.55 5.90 0.00	59.56 5.53 -1.84	58.64 5.82 -0.34	61.15 4.56 -11.93	59.01 4.41 -11.75	61.17 4.70 -10.80	62.01 5.29 -5.85	67.50 6.36 -0.01	71.64 5.73 -0.01	58.41 4.08 -0.01	51.98 3.53 -0.01	42.40 2.59 -0.01
NARROWS_GT2_6 24241	40.23 2.94 -0.01	37.10 2.72 -0.01	34.37 2.75 -0.01	32.97 2.67 -0.01	33.70 2.64 -0.01	38.69 2.90 -0.01	49.84 3.99 -0.01	54.91 4.62 0.00	54.10 4.83 0.00	55.04 5.23 0.00	56.28 5.44 0.00	57.89 5.64 0.00	60.55 5.90 0.00	59.56 5.53 -1.84	58.64 5.82 -0.34	61.15 4.56 -11.93	59.01 4.41 -11.75	61.17 4.70 -10.80	62.01 5.29 -5.85	67.50 6.36 -0.01	71.64 5.73 -0.01	58.41 4.08 -0.01	51.98 3.53 -0.01	42.40 2.59 -0.01
NARROWS_GT2_7 24242	40.23 2.94 -0.01	37.10 2.72 -0.01	34.37 2.75 -0.01	32.97 2.67 -0.01	33.70 2.64 -0.01	38.69 2.90 -0.01	49.84 3.99 -0.01	54.91 4.62 0.00	54.10 4.83 0.00	55.04 5.23 0.00	56.28 5.44 0.00	57.89 5.64 0.00	60.55 5.90 0.00	59.56 5.53 -1.84	58.64 5.82 -0.34	61.15 4.56 -11.93	59.01 4.41 -11.75	61.17 4.70 -10.80	62.01 5.29 -5.85	67.50 6.36 -0.01	71.64 5.73 -0.01	58.41 4.08 -0.01	51.98 3.53 -0.01	42.40 2.59 -0.01
NARROWS_GT2_8 24243	40.23 2.94 -0.01	37.10 2.72 -0.01	34.37 2.75 -0.01	32.97 2.67 -0.01	33.70 2.64 -0.01	38.69 2.90 -0.01	49.84 3.99 -0.01	54.91 4.62 0.00	54.10 4.83 0.00	55.04 5.23 0.00	56.28 5.44 0.00	57.89 5.64 0.00	60.55 5.90 0.00	59.56 5.53 -1.84	58.64 5.82 -0.34	61.15 4.56 -11.93	59.01 4.41 -11.75	61.17 4.70 -10.80	62.01 5.29 -5.85	67.50 6.36 -0.01	71.64 5.73 -0.01	58.41 4.08 -0.01	51.98 3.53 -0.01	42.40 2.59 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	39.11 1.83 0.00	36.09 1.72 0.00	33.29 1.68 0.00	31.87 1.58 0.00	32.60 1.55 0.00	37.58 1.79 0.00	48.13 2.29 0.00	52.65 2.36 0.00	51.49 2.22 0.00	51.90 2.09 0.00	52.90 2.08 0.02	54.00 2.35 0.60	55.59 2.57 1.63	53.08 2.40 1.52	54.85 1.99 -0.38	59.24 1.43 -13.15	57.21 1.41 -12.95	59.19 1.60 -11.92	59.16 1.83 -6.46	64.00 2.87 0.00	68.60 2.70 0.00	56.39 2.06 0.00	50.42 1.99 0.00	41.52 1.71 0.00

NCHELSEA_115KV_TR2 355582	39.93 2.65 0.00	36.78 2.41 0.00	34.02 2.40 0.00	32.60 2.30 0.00	33.32 2.27 0.00	38.43 2.65 0.00	49.42 3.58 0.00	54.31 4.02 0.00	53.46 4.19 0.00	54.29 4.48 0.00	55.42 4.58 0.00	57.00 4.75 0.00	59.89 5.25 0.00	58.92 4.85 -1.87	57.87 5.04 -0.35	60.58 3.80 -12.13	58.44 3.64 -11.94	60.58 3.93 -10.98	61.12 4.32 -5.93	66.45 5.32 0.00	70.91 5.01 0.00	57.91 3.59 0.00	51.59 3.15 0.00	42.24 2.43 0.00
NEG CAPITAL___MECHNVIL 23645	39.44 2.16 0.00	36.44 2.06 0.00	33.57 1.96 0.00	32.14 1.85 0.00	32.88 1.83 0.00	37.97 2.18 0.00	48.59 2.75 0.00	53.25 2.97 0.00	52.27 3.01 0.00	52.90 3.09 0.00	54.16 3.30 -0.01	56.10 3.50 -0.35	59.33 3.72 -0.97	60.05 3.60 -4.26	56.40 3.52 -0.41	61.21 3.04 -13.51	58.98 2.83 -13.31	60.81 2.97 -12.17	60.85 3.21 -6.78	64.92 3.79 0.00	69.19 3.29 0.00	57.15 2.82 0.00	51.15 2.71 0.00	41.96 2.15 0.00
NEG CENTRAL_HIGH_ACRES 23767	36.05 -1.23 0.00	32.93 -1.44 0.00	30.38 -1.23 0.00	29.05 -1.24 0.00	29.81 -1.24 0.00	34.21 -1.57 0.00	43.83 -2.02 0.00	48.27 -2.01 0.00	47.10 -2.17 0.00	47.43 -2.59 -0.21	48.25 -2.59 0.00	49.58 -2.66 0.01	51.95 -2.73 -0.04	49.24 -3.08 -0.12	49.60 -2.89 -0.01	42.50 -2.86 -0.70	40.75 -2.78 -0.69	42.67 -2.97 0.03	48.26 -3.05 -0.45	58.38 -2.75 0.00	63.07 -2.83 0.00	51.77 -2.55 0.00	45.86 -2.57 0.00	37.90 -1.91 0.00
NEG CENTRAL___DRP 24199	37.32 0.04 0.00	34.20 -0.17 0.00	31.55 -0.06 0.00	30.14 -0.15 0.00	30.96 -0.09 0.00	35.64 -0.14 0.00	45.66 -0.18 0.00	50.23 -0.05 0.00	49.12 -0.15 0.00	49.72 -0.35 -0.26	50.43 -0.41 0.00	51.77 -0.47 0.01	54.10 -0.60 -0.05	51.63 -0.68 -0.12	51.97 -0.52 -0.02	44.85 -0.58 -0.77	43.05 -0.56 -0.76	47.77 -0.55 -2.65	51.95 -0.46 -1.55	62.59 -0.12 -1.58	67.13 -0.13 -1.37	54.39 -0.38 -0.45	48.20 -0.58 -0.34	39.49 -0.32 0.00
NEG CENTRAL___INDECK 23768	37.62 0.33 0.00	34.20 -0.17 0.00	31.58 -0.03 0.00	30.17 -0.12 0.00	30.99 -0.06 0.00	35.50 -0.29 0.00	45.66 -0.18 0.00	50.28 0.00 0.00	48.80 -0.44 0.02	48.83 -1.14 -0.17	49.45 -1.37 0.02	50.55 -1.67 0.02	52.69 -1.96 -0.01	50.05 -2.14 0.01	50.51 -1.94 0.03	43.36 -1.83 -0.53	41.70 -1.67 -0.52	44.28 -1.46 -0.08	50.09 -1.17 -0.39	61.12 0.00 0.01	66.29 0.40 0.00	54.11 -0.22 0.00	47.75 -0.68 0.01	39.37 -0.44 0.00
NEG CENTRAL___SENECA 23627	37.32 0.04 0.00	34.07 -0.31 0.00	31.45 -0.16 0.00	30.05 -0.24 0.00	30.90 -0.16 0.00	35.50 -0.29 0.00	45.47 -0.37 0.00	50.08 -0.20 0.00	48.96 -0.30 0.01	49.47 -0.55 -0.21	50.17 -0.66 0.01	51.50 -0.73 0.02	53.69 -0.98 -0.03	51.19 -1.04 -0.03	51.63 -0.84 0.00	44.44 -0.85 -0.63	42.65 -0.81 -0.62	48.07 -0.78 -3.18	51.14 -0.66 -0.94	61.50 -0.37 -0.74	66.34 -0.20 -0.65	54.05 -0.49 -0.21	47.82 -0.77 -0.16	39.37 -0.44 0.00
NEG CENTRAL___STATE_STREET 24147	37.47 0.19 0.00	34.41 0.03 0.00	31.71 0.09 0.00	30.30 0.00 0.00	31.11 0.06 0.00	35.86 0.07 0.00	45.98 0.14 0.00	50.59 0.30 0.00	49.48 0.20 -0.01	50.22 0.10 -0.30	50.90 0.05 -0.01	52.25 0.00 0.00	54.62 -0.11 -0.08	52.27 -0.21 -0.28	52.53 0.00 -0.05	45.50 -0.18 -1.01	43.72 -0.13 -1.00	47.48 -0.14 -1.95	52.88 -0.05 -2.06	63.68 0.37 -2.18	68.05 0.26 -1.89	54.95 0.00 -0.62	48.77 -0.15 -0.48	39.73 -0.08 0.00
NEG MILLWOOD___DRP 24198	40.04 2.76 0.00	36.85 2.48 0.00	34.05 2.43 0.00	32.66 2.36 0.00	33.38 2.33 0.00	38.54 2.76 0.00	49.60 3.76 0.00	54.41 4.12 0.00	53.65 4.38 0.00	54.54 4.73 0.00	55.72 4.88 0.00	57.37 5.12 0.00	60.33 5.68 0.00	59.34 5.27 -1.87	58.39 5.56 -0.35	61.05 4.29 -12.10	58.88 4.11 -11.92	61.01 4.38 -10.95	61.41 4.63 -5.92	66.94 5.81 0.00	71.04 5.14 0.00	58.02 3.69 0.00	51.83 3.39 0.00	42.32 2.51 0.00
NEG NORTH_FLCN_SEA 23793	36.65 -0.63 0.00	33.96 -0.41 0.00	31.39 -0.22 0.00	30.20 -0.09 0.00	31.02 -0.03 0.00	35.79 0.00 0.00	46.02 0.18 0.00	50.69 0.40 0.00	49.75 0.49 0.01	49.62 0.45 0.64	51.18 0.36 0.01	52.51 0.26 0.00	54.76 0.27 0.16	52.56 0.37 0.00	52.63 0.16 0.00	44.84 0.18 0.00	43.19 0.34 0.00	46.12 0.46 0.00	51.27 0.41 0.00	61.25 0.12 0.00	66.49 0.59 0.00	54.98 0.65 0.00	48.87 0.44 0.00	40.01 0.20 0.00
NEG NORTH_KES_CHATEGAY 23792	36.27 -1.01 0.00	33.62 -0.76 0.00	31.08 -0.54 0.00	29.87 -0.42 0.00	30.68 -0.37 0.00	35.43 -0.36 0.00	45.47 -0.37 0.00	50.03 -0.25 0.00	49.01 -0.25 0.01	48.88 -0.30 0.64	50.47 -0.36 0.01	51.72 -0.52 0.00	53.94 -0.55 0.16	51.78 -0.42 0.00	51.85 -0.63 0.00	44.22 -0.45 0.00	42.59 -0.26 0.00	45.53 -0.14 0.00	50.66 -0.20 0.00	60.52 -0.61 0.00	65.77 -0.13 0.00	54.38 0.05 0.00	48.34 -0.10 0.00	39.61 -0.20 0.00
NEG NORTH___ALICE_FALLS 23915	36.68 -0.60 0.00	34.00 -0.38 0.00	31.42 -0.19 0.00	30.23 -0.06 0.00	31.05 0.00 0.00	35.86 0.07 0.00	46.12 0.28 0.00	50.89 0.60 0.00	49.89 0.64 0.01	49.67 0.50 0.64	51.23 0.41 0.01	52.51 0.26 0.00	54.76 0.27 0.16	52.56 0.37 0.00	52.69 0.21 0.00	44.89 0.22 0.00	43.28 0.43 0.00	46.31 0.64 0.00	51.42 0.56 0.00	61.50 0.37 0.00	66.69 0.79 0.00	55.08 0.76 0.00	48.92 0.48 0.00	40.05 0.24 0.00
NEG NORTH___LWR_SARANAC 23913	36.68 -0.60 0.00	34.00 -0.38 0.00	31.42 -0.19 0.00	30.23 -0.06 0.00	31.05 0.00 0.00	35.86 0.07 0.00	46.12 0.28 0.00	50.89 0.60 0.00	49.89 0.64 0.01	49.67 0.50 0.64	51.23 0.41 0.01	52.51 0.26 0.00	54.76 0.27 0.16	52.56 0.37 0.00	52.69 0.21 0.00	44.89 0.22 0.00	43.28 0.43 0.00	46.31 0.64 0.00	51.42 0.56 0.00	61.50 0.37 0.00	66.69 0.79 0.00	55.08 0.76 0.00	48.92 0.48 0.00	40.05 0.24 0.00
NEG NORTH___PLATTSBURG 23628	36.68 -0.60 0.00	34.00 -0.38 0.00	31.42 -0.19 0.00	30.23 -0.06 0.00	31.05 0.00 0.00	35.86 0.07 0.00	46.12 0.28 0.00	50.89 0.61 0.00	49.89 0.64 0.01	49.67 0.50 0.64	51.23 0.40 0.01	52.51 0.26 0.00	54.76 0.27 0.16	52.51 0.32 0.00	52.69 0.21 0.00	44.89 0.22 0.00	43.28 0.43 0.00	46.31 0.64 0.00	51.42 0.56 0.00	61.50 0.37 0.00	66.69 0.79 0.00	55.08 0.76 0.00	48.92 0.48 0.00	40.05 0.24 0.00
NEG WEST_LEA_LOCKPORT 23791	35.38 -1.90 0.00	31.90 -2.48 0.00	29.59 -2.02 0.00	28.33 -1.97 0.00	28.97 -2.08 0.00	32.96 -2.83 0.00	41.67 -4.17 0.00	46.16 -4.12 0.00	44.82 -4.43 0.01	44.96 -5.03 -0.18	45.85 -4.98 0.01	47.01 -5.22 0.02	48.94 -5.74 -0.03	46.22 -6.05 -0.08	46.92 -5.56 -0.01	40.50 -4.78 -0.62	38.75 -4.71 -0.61	40.65 -5.07 -0.05	45.70 -5.54 -0.38	55.32 -5.81 0.01	60.43 -5.47 0.00	49.65 -4.67 0.00	44.02 -4.41 0.01	36.74 -3.07 0.00
NEG WEST___LANCASTR 23811	35.38 -1.90 0.00	31.93 -2.44 0.00	29.62 -1.99 0.00	28.36 -1.94 0.00	29.03 -2.02 0.00	33.07 -2.72 0.00	42.04 -3.80 0.00	46.16 -4.12 0.00	45.46 -3.79 0.02	46.99 -2.99 -0.17	47.62 -3.20 0.02	49.14 -3.08 0.02	51.56 -3.11 -0.03	49.76 -2.51 -0.07	49.44 -3.04 0.00	42.95 -2.32 -0.61	40.58 -2.87 -0.60	43.22 -2.56 -0.11	47.41 -3.81 -0.36	55.86 -5.26 0.01	61.09 -4.81 0.00	49.76 -4.56 0.00	44.07 -4.36 0.01	36.82 -2.99 0.00

NEG_PENN_ALLEGHNY 23528	37.95 0.67 0.00	34.86 0.48 0.00	32.15 0.54 0.00	30.75 0.46 0.00	31.55 0.50 0.00	36.36 0.57 0.00	46.71 0.87 0.00	51.04 0.76 0.00	50.06 0.79 0.00	50.61 0.79 -0.01	51.71 0.86 0.00	53.08 0.83 0.00	55.42 0.76 -0.01	53.70 0.83 -0.67	53.50 0.89 -0.13	51.16 0.89 -5.60	49.14 0.77 -5.52	52.75 0.82 -6.26	54.91 0.92 -3.13	63.51 1.34 -1.04	67.98 1.19 -0.89	55.27 0.65 -0.29	49.16 0.48 -0.24	40.25 0.44 0.00
NEG___GEN_MONROE 24207	36.61 -0.67 0.00	33.31 -1.07 0.00	30.76 -0.85 0.00	29.45 -0.85 0.00	30.18 -0.87 0.00	34.53 -1.25 0.00	43.96 -1.88 0.00	48.73 -1.56 0.00	47.34 -1.92 0.01	47.41 -2.59 -0.19	48.29 -2.54 0.01	49.52 -2.72 0.01	51.51 -3.17 -0.04	48.79 -3.50 -0.09	49.34 -3.15 -0.01	42.49 -2.81 -0.64	40.65 -2.83 -0.63	42.62 -3.06 -0.01	48.16 -3.10 -0.40	58.44 -2.69 0.00	63.33 -2.57 0.00	52.15 -2.17 0.00	46.20 -2.23 0.00	38.34 -1.47 0.00
NEPA___ENERGY 23901	36.50 -0.78 0.00	32.97 -1.41 0.00	30.54 -1.07 0.00	29.24 -1.06 0.00	29.93 -1.12 0.00	34.14 -1.65 0.00	43.41 -2.43 0.00	47.72 -2.56 0.00	46.54 -2.71 0.02	47.14 -2.84 -0.17	47.98 -2.85 0.02	49.30 -2.93 0.02	51.50 -3.17 -0.02	49.13 -3.13 -0.07	49.38 -3.10 0.00	42.68 -2.59 -0.61	40.75 -2.70 -0.60	43.16 -2.60 -0.10	48.07 -3.15 -0.36	57.76 -3.36 0.01	63.20 -2.70 0.00	51.44 -2.88 0.00	45.47 -2.95 0.01	37.98 -1.83 0.00
NEVERSINK___HYD 23608	40.11 2.83 0.00	36.92 2.54 0.00	34.17 2.56 0.00	32.69 2.39 0.00	33.44 2.39 0.00	38.58 2.79 0.00	49.60 3.76 0.00	54.66 4.37 0.00	53.80 4.53 0.00	54.59 4.78 0.00	55.72 4.88 0.00	57.17 4.97 0.04	59.94 5.41 0.12	58.70 5.01 -1.49	57.83 5.04 -0.32	59.80 3.93 -11.20	57.61 3.73 -11.04	59.92 4.06 -10.19	60.87 4.32 -5.69	66.51 5.38 0.00	71.30 5.40 0.00	58.18 3.86 0.00	51.83 3.39 0.00	42.40 2.59 0.00
NEWKRMKL_115KV_TB1 55635	38.33 1.04 0.00	35.41 1.03 0.00	32.66 1.04 0.00	31.26 0.97 0.00	31.98 0.93 0.00	36.90 1.11 0.00	47.22 1.38 0.00	51.69 1.41 0.00	50.45 1.18 0.00	51.01 1.20 0.00	52.08 1.27 0.03	52.85 1.46 0.86	53.90 1.58 2.33	50.74 1.57 3.03	54.65 1.78 -0.39	59.74 1.56 -13.52	57.62 1.46 -13.32	59.43 1.51 -12.26	59.15 1.63 -6.65	63.09 1.96 0.00	67.22 1.32 0.00	55.36 1.03 0.00	49.55 1.11 0.00	40.80 1.00 0.00
NEWTON___FALLS_HYD 23847	36.13 -1.16 0.00	33.38 -1.00 0.00	30.70 -0.92 0.00	29.39 -0.91 0.00	30.24 -0.81 0.00	34.93 -0.86 0.00	44.88 -0.96 0.00	49.48 -0.80 0.00	48.62 -0.84 -0.19	57.51 -0.65 -8.34	50.48 -0.56 -0.19	51.41 -0.84 0.00	55.71 -0.98 -2.04	51.27 -0.99 -0.06	51.23 -1.26 -0.01	43.90 -1.16 -0.40	41.91 -1.33 -0.39	45.36 -1.05 -0.74	50.36 -1.37 -0.87	60.68 -1.47 -1.02	65.26 -1.52 -0.88	53.80 -0.81 -0.29	47.98 -0.68 -0.22	39.17 -0.64 0.00
NGRID_A1_DSASP 323792	34.76 -2.50 0.02	31.32 -3.06 0.00	29.05 -2.56 0.00	27.81 -2.48 0.00	28.44 -2.61 0.00	32.32 -3.47 0.00	40.75 -5.09 0.00	45.26 -5.03 0.00	43.79 -5.47 0.01	43.78 -6.18 -0.15	44.73 -6.10 0.01	45.86 -6.37 0.02	47.65 -6.99 0.00	45.10 -7.15 -0.05	45.69 -6.77 0.02	39.49 -5.76 -0.59	37.73 -5.70 -0.58	39.61 -6.07 -0.01	44.47 -6.76 -0.37	53.91 -7.21 0.01	58.91 -6.99 0.00	48.57 -5.76 0.00	43.00 -5.42 0.01	35.99 -3.82 0.00
NGRID_A2_DSASP 323793	34.76 -2.50 0.02	31.32 -3.06 0.00	29.05 -2.56 0.00	27.81 -2.48 0.00	28.44 -2.61 0.00	32.32 -3.47 0.00	40.75 -5.09 0.00	45.26 -5.03 0.00	43.79 -5.47 0.01	43.78 -6.18 -0.15	44.73 -6.10 0.01	45.86 -6.37 0.02	47.65 -6.99 0.00	45.10 -7.15 -0.05	45.69 -6.77 0.02	39.49 -5.76 -0.59	37.73 -5.70 -0.58	39.61 -6.07 -0.01	44.47 -6.76 -0.37	53.91 -7.21 0.01	58.91 -6.99 0.00	48.57 -5.76 0.00	43.00 -5.42 0.01	35.99 -3.82 0.00
NGRID_A4_DSASP 323807	34.76 -2.50 0.02	31.32 -3.06 0.00	29.05 -2.56 0.00	27.81 -2.48 0.00	28.44 -2.61 0.00	32.32 -3.47 0.00	40.75 -5.09 0.00	45.26 -5.03 0.00	43.79 -5.47 0.01	43.78 -6.18 -0.15	44.73 -6.10 0.01	45.86 -6.37 0.02	47.65 -6.99 0.00	45.10 -7.15 -0.05	45.69 -6.77 0.02	39.49 -5.76 -0.59	37.73 -5.70 -0.58	39.61 -6.07 -0.01	44.47 -6.76 -0.37	53.91 -7.21 0.01	58.91 -6.99 0.00	48.57 -5.76 0.00	43.00 -5.42 0.01	35.99 -3.82 0.00
NIAGARA_115E_LBMP 323715	34.86 -2.42 0.00	31.45 -2.92 0.00	29.15 -2.47 0.00	27.90 -2.39 0.00	28.57 -2.49 0.00	32.46 -3.33 0.00	41.44 -4.40 0.00	45.46 -4.83 0.00	44.08 -5.17 0.01	44.26 -5.73 -0.18	45.08 -5.75 0.01	46.27 -5.96 0.02	48.28 -6.39 -0.03	45.75 -6.53 -0.08	46.23 -6.25 0.00	39.74 -5.54 -0.62	38.06 -5.40 -0.61	40.06 -5.66 -0.06	44.96 -6.31 -0.40	54.83 -6.30 0.01	59.84 -6.06 0.00	48.95 -5.38 0.00	43.39 -5.04 0.01	36.15 -3.66 0.00
NIAGARA_115W_LBMP 323714	34.69 -2.57 0.02	31.28 -3.09 0.00	28.99 -2.62 0.00	27.75 -2.54 0.00	28.38 -2.67 0.00	32.28 -3.51 0.00	41.12 -4.72 0.00	45.15 -5.13 0.00	43.69 -5.57 0.01	43.68 -6.28 -0.15	44.52 -6.31 0.01	45.70 -6.53 0.02	47.65 -7.00 0.00	45.20 -7.05 -0.05	45.58 -6.87 0.03	39.27 -5.98 -0.59	37.56 -5.87 -0.58	39.56 -6.12 -0.02	44.39 -6.87 -0.39	54.15 -6.97 0.01	59.17 -6.72 0.00	48.40 -5.92 0.00	42.96 -5.47 0.01	35.79 -4.02 0.00
NIAGARA_230_LBMP 323716	35.34 -1.94 0.00	31.87 -2.51 0.00	29.49 -2.12 0.00	28.23 -2.06 0.00	28.91 -2.14 0.00	32.89 -2.90 0.00	41.94 -3.90 0.00	46.06 -4.22 0.00	44.58 -4.68 0.01	44.65 -5.33 -0.17	45.49 -5.34 0.01	46.69 -5.54 0.02	48.71 -5.95 -0.02	46.11 -6.16 -0.07	46.59 -5.88 0.01	40.00 -5.27 -0.61	38.35 -5.10 -0.60	40.36 -5.34 -0.04	45.41 -5.85 -0.39	55.31 -5.81 0.01	60.30 -5.60 0.00	49.33 -5.00 0.00	43.78 -4.65 0.01	36.47 -3.34 0.00
NIAGARA___115KV_198_GIBSON 55903	34.69 -2.57 0.02	31.25 -3.13 0.00	28.99 -2.62 0.00	27.75 -2.54 0.00	28.38 -2.67 0.00	32.28 -3.51 0.00	40.66 -5.18 0.00	45.16 -5.13 0.00	43.69 -5.57 0.01	43.69 -6.28 -0.15	44.63 -6.20 0.01	45.75 -6.48 0.02	47.55 -7.10 0.00	44.99 -7.26 -0.05	45.58 -6.87 0.02	39.40 -5.85 -0.59	37.64 -5.78 -0.58	39.52 -6.17 -0.02	44.37 -6.87 -0.37	53.79 -7.34 0.01	58.85 -7.05 0.00	48.46 -5.87 0.00	42.91 -5.52 0.01	35.91 -3.90 0.00
NIAGARA____ 23760	35.33 -1.94 0.01	31.87 -2.51 0.00	29.49 -2.12 0.00	28.23 -2.06 0.00	28.91 -2.14 0.00	32.89 -2.90 0.00	41.94 -3.90 0.00	46.06 -4.22 0.00	44.58 -4.68 0.01	44.65 -5.33 -0.17	45.49 -5.34 0.01	46.69 -5.54 0.02	48.70 -5.95 -0.01	46.11 -6.16 -0.07	46.59 -5.88 0.01	40.00 -5.27 -0.60	38.34 -5.10 -0.59	40.36 -5.34 -0.03	45.41 -5.85 -0.39	55.31 -5.81 0.01	60.30 -5.60 0.00	49.33 -5.00 0.00	43.78 -4.65 0.01	36.47 -3.34 0.00
NINE_MILE_1 23575	36.39 -0.90 0.00	33.48 -0.89 0.00	30.85 -0.76 0.00	29.54 -0.76 0.00	30.28 -0.78 0.00	34.86 -0.93 0.00	44.70 -1.14 0.00	48.88 -1.41 0.00	47.79 -1.48 0.00	48.27 -1.54 0.00	49.27 -1.58 0.00	50.63 -1.62 0.00	52.95 -1.69 0.00	50.64 -1.67 -0.12	50.87 -1.63 -0.02	43.93 -1.47 -0.74	42.17 -1.41 -0.73	39.11 -1.55 5.00	39.49 -1.68 9.70	44.02 -1.83 15.28	50.59 -2.11 13.20	48.19 -1.79 4.34	43.44 -1.65 3.35	38.62 -1.19 0.00

NINE_MILE_2 23744	36.39 -0.90 0.00	33.48 -0.89 0.00	30.85 -0.76 0.00	29.54 -0.76 0.00	30.28 -0.78 0.00	34.86 -0.93 0.00	44.70 -1.14 0.00	48.88 -1.41 0.00	47.79 -1.48 0.00	48.27 -1.54 0.00	49.27 -1.58 0.00	50.63 -1.62 0.00	52.95 -1.69 0.00	50.64 -1.67 -0.12	50.87 -1.63 -0.02	43.93 -1.47 -0.74	42.16 -1.41 -0.73	39.03 -1.55 5.09	39.34 -1.68 9.85	43.84 -1.77 15.51	50.46 -2.04 13.39	48.12 -1.79 4.41	43.39 -1.65 3.40	38.62 -1.19 0.00
NM_CAPITAL___DRP 24208	38.47 1.19 0.00	35.54 1.17 0.00	32.81 1.20 0.00	31.42 1.12 0.00	32.14 1.09 0.00	37.07 1.29 0.00	47.45 1.60 0.00	51.94 1.66 0.00	50.94 1.68 0.00	51.55 1.74 0.00	52.64 1.78 -0.02	54.84 1.99 -0.61	58.50 2.19 -1.67	60.05 2.09 -5.77	54.92 2.05 -0.40	59.90 1.74 -13.50	57.73 1.59 -13.30	59.60 1.69 -12.24	59.34 1.83 -6.64	63.33 2.20 0.00	67.41 1.52 0.00	55.52 1.20 0.00	49.74 1.31 0.00	40.92 1.11 0.00
NM_CENTRAL___DRP 24181	37.24 -0.04 0.00	34.24 -0.14 0.00	31.55 -0.06 0.00	30.20 -0.09 0.00	30.99 -0.06 0.00	35.68 -0.11 0.00	45.75 -0.09 0.00	50.18 -0.10 0.00	49.18 -0.10 -0.01	50.12 -0.15 -0.46	50.75 -0.10 -0.01	52.19 -0.05 0.00	54.59 -0.16 -0.11	52.16 -0.21 -0.18	52.46 -0.05 -0.03	45.31 -0.22 -0.87	43.45 -0.26 -0.85	46.75 -0.32 -1.40	52.31 -0.31 -1.75	62.81 -0.12 -1.80	67.12 -0.33 -1.55	54.46 -0.38 -0.51	48.40 -0.44 -0.39	39.53 -0.28 0.00
NM_FRONTIER___DRP 24179	34.69 -2.57 0.02	31.25 -3.13 0.00	28.99 -2.62 0.00	27.75 -2.54 0.00	28.38 -2.67 0.00	32.28 -3.51 0.00	40.66 -5.18 0.00	45.16 -5.13 0.00	43.69 -5.57 0.01	43.69 -6.28 -0.15	44.63 -6.20 0.01	45.75 -6.48 0.02	47.55 -7.10 0.00	44.99 -7.26 -0.05	45.58 -6.87 0.02	39.40 -5.85 -0.59	37.64 -5.78 -0.58	39.52 -6.17 -0.02	44.37 -6.87 -0.37	53.79 -7.34 0.01	58.85 -7.05 0.00	48.46 -5.87 0.00	42.91 -5.52 0.01	35.91 -3.90 0.00
NM_ST_REGIS___HYD 24053	35.60 -1.68 0.00	32.97 -1.41 0.00	30.28 -1.33 0.00	29.05 -1.24 0.00	29.84 -1.21 0.00	34.46 -1.32 0.00	44.33 -1.51 0.00	48.88 -1.41 0.00	48.37 -1.18 -0.28	61.16 -0.75 -12.10	50.36 -0.76 -0.28	51.25 -0.99 0.00	56.46 -1.15 -2.96	50.93 -1.30 -0.04	50.75 -1.73 -0.01	43.29 -1.61 -0.23	41.62 -1.46 -0.23	44.81 -1.28 -0.42	49.72 -1.63 -0.48	59.36 -2.32 -0.56	64.33 -2.04 -0.48	53.23 -1.25 -0.16	47.35 -1.21 -0.12	38.81 -1.00 0.00
NORTHPORT___1 23551	41.50 3.24 -0.98	37.30 2.92 -0.01	34.50 2.88 -0.01	33.09 2.79 -0.01	33.86 2.80 -0.01	39.02 3.22 -0.01	50.16 4.31 -0.01	55.02 4.73 -0.01	54.15 4.88 0.00	54.84 5.03 0.00	55.57 4.73 0.00	57.12 4.86 -0.01	59.85 5.19 -0.01	58.95 4.91 -1.85	58.02 5.20 -0.35	60.66 4.06 -11.94	59.23 3.94 -12.44	61.17 4.20 -11.30	65.92 4.63 -10.43	73.05 5.69 -6.24	71.11 5.14 -0.07	57.86 3.53 -0.01	52.23 3.78 -0.01	42.72 2.90 -0.01
NORTHPORT___2 23552	41.50 3.24 -0.98	37.30 2.92 -0.01	34.50 2.88 -0.01	33.09 2.79 -0.01	33.86 2.80 -0.01	39.02 3.22 -0.01	50.16 4.31 -0.01	55.02 4.73 -0.01	54.15 4.88 0.00	54.84 5.03 0.00	55.57 4.73 0.00	57.12 4.86 -0.01	59.85 5.19 -0.01	58.95 4.91 -1.85	58.02 5.20 -0.35	60.66 4.06 -11.94	59.23 3.94 -12.44	61.17 4.20 -11.30	65.92 4.63 -10.43	73.05 5.69 -6.24	71.11 5.14 -0.07	57.86 3.53 -0.01	52.23 3.78 -0.01	42.72 2.90 -0.01
NORTHPORT___3 23553	41.47 3.21 -0.98	37.27 2.89 -0.01	34.47 2.85 -0.01	33.09 2.79 -0.01	33.82 2.76 -0.01	38.98 3.18 -0.01	50.11 4.26 -0.01	54.97 4.68 -0.01	54.10 4.83 0.00	54.84 5.03 0.00	55.52 4.67 0.00	57.06 4.80 -0.01	59.79 5.14 -0.01	58.90 4.86 -1.85	57.97 5.15 -0.35	60.62 4.02 -11.94	59.19 3.90 -12.44	61.13 4.16 -11.31	65.88 4.58 -10.44	73.00 5.62 -6.25	71.04 5.07 -0.07	57.81 3.48 -0.01	52.18 3.73 -0.01	42.69 2.87 -0.01
NORTHPORT___4 23650	41.47 3.21 -0.98	37.27 2.89 -0.01	34.47 2.85 -0.01	33.09 2.79 -0.01	33.82 2.76 -0.01	38.98 3.18 -0.01	50.11 4.26 -0.01	54.97 4.68 -0.01	54.10 4.83 0.00	54.84 5.03 0.00	55.52 4.67 0.00	57.06 4.80 -0.01	59.79 5.14 -0.01	58.90 4.86 -1.85	57.97 5.15 -0.35	60.62 4.02 -11.94	59.19 3.90 -12.44	61.13 4.16 -11.31	65.88 4.58 -10.44	73.00 5.62 -6.25	71.04 5.07 -0.07	57.81 3.48 -0.01	52.18 3.73 -0.01	42.69 2.87 -0.01
NORTHPORT___IC 23718	41.51 3.24 -0.98	37.31 2.92 -0.01	34.50 2.88 -0.01	33.09 2.79 -0.01	33.86 2.79 -0.01	39.02 3.22 -0.01	50.21 4.35 -0.01	55.02 4.73 -0.01	54.15 4.88 0.00	54.84 5.03 0.00	55.52 4.68 0.00	57.11 4.86 -0.01	59.90 5.25 -0.01	58.95 4.91 -1.85	58.08 5.25 -0.36	60.62 4.02 -11.94	59.19 3.90 -12.44	61.13 4.16 -11.30	65.90 4.63 -10.41	73.23 5.87 -6.24	71.11 5.14 -0.07	57.87 3.53 -0.01	52.22 3.78 -0.01	42.84 3.03 -0.01
NORTH___COUNTRY_ESR 323785	36.20 -1.08 0.00	33.55 -0.83 0.00	31.01 -0.60 0.00	29.81 -0.49 0.00	30.62 -0.43 0.00	35.32 -0.47 0.00	45.34 -0.50 0.00	49.93 -0.35 0.00	48.96 -0.29 0.01	48.88 -0.30 0.64	50.47 -0.35 0.01	51.78 -0.47 0.00	54.00 -0.49 0.16	51.73 -0.47 0.00	51.90 -0.58 0.00	44.26 -0.40 0.00	42.55 -0.30 0.00	45.44 -0.23 0.00	50.51 -0.35 0.00	60.40 -0.73 0.00	65.50 -0.39 0.00	54.22 -0.11 0.00	48.20 -0.24 0.00	39.53 -0.28 0.00
NPX_GEN_1385_PROXY 323591	41.50 3.24 -0.98	37.30 2.92 -0.01	34.50 2.88 -0.01	33.09 2.79 -0.01	33.86 2.80 -0.01	39.02 3.22 -0.01	50.16 4.31 -0.01	55.02 4.73 -0.01	54.15 4.88 0.00	54.84 5.03 0.00	55.57 4.73 0.00	57.12 4.86 -0.01	59.85 5.19 -0.01	58.95 4.91 -1.85	58.02 5.20 -0.35	60.66 4.06 -11.94	59.23 3.94 -12.44	61.17 4.20 -11.30	65.92 4.63 -10.43	73.05 5.69 -6.24	71.11 5.14 -0.07	57.86 3.53 -0.01	52.23 3.78 -0.01	42.72 2.90 -0.01
NPX_GEN_CSC 323557	42.04 3.76 -0.99	37.76 3.37 -0.01	34.88 3.26 -0.01	33.48 3.18 -0.01	34.26 3.20 -0.01	39.52 3.72 -0.01	50.80 4.95 -0.01	55.82 5.53 -0.01	54.69 5.42 0.00	55.44 5.63 0.00	56.38 5.54 0.00	58.00 5.75 -0.01	60.83 6.17 -0.01	59.99 5.95 -1.85	59.07 6.24 -0.35	61.64 5.05 -11.94	60.18 4.88 -12.45	62.18 5.20 -11.31	67.19 5.85 -10.48	74.72 7.27 -6.32	72.83 6.85 -0.08	59.17 4.83 -0.01	53.00 4.55 -0.01	43.16 3.34 -0.01
NSINS_S_GLNS_FALLS 23858	39.74 2.46 0.00	36.71 2.34 0.00	33.76 2.15 0.00	32.33 2.03 0.00	33.07 2.02 0.00	38.22 2.43 0.00	49.05 3.21 0.00	53.70 3.42 0.00	52.72 3.45 0.00	53.35 3.54 0.00	54.61 3.76 -0.01	56.51 3.97 -0.29	59.71 4.26 -0.80	60.13 4.02 -3.91	56.72 3.83 -0.41	61.38 3.13 -13.59	59.06 2.83 -13.38	60.92 3.01 -12.24	60.85 3.20 -6.78	65.04 3.91 0.00	69.39 3.49 0.00	57.47 3.15 0.00	51.44 3.00 0.00	42.32 2.51 0.00
NUCOR_STEEL___DRP 24197	37.58 0.30 0.00	34.55 0.17 0.00	31.83 0.22 0.00	30.45 0.15 0.00	31.24 0.19 0.00	36.00 0.21 0.00	46.12 0.28 0.00	50.69 0.40 0.00	49.57 0.30 -0.01	50.32 0.20 -0.31	51.06 0.20 -0.01	52.41 0.16 0.00	54.78 0.05 -0.08	52.48 0.00 -0.28	52.74 0.21 -0.05	45.64 -0.04 -1.02	43.86 0.00 -1.01	47.41 -0.05 -1.79	53.14 0.10 -2.17	63.97 0.49 -2.35	68.32 0.40 -2.03	55.16 0.16 -0.67	48.95 0.00 -0.51	39.89 0.08 0.00

NUMBER_THREE_WT_PWR 323818	37.24 -0.04 0.00	34.34 -0.03 0.00	31.61 0.00 0.00	30.23 -0.06 0.00	31.15 0.09 0.00	36.00 0.22 0.00	46.21 0.37 0.00	50.99 0.70 0.00	49.75 0.39 -0.09	54.09 0.35 -3.93	51.44 0.51 -0.09	52.46 0.21 0.00	55.77 0.16 -0.96	52.49 0.21 -0.09	52.65 0.16 -0.02	45.30 0.09 -0.55	43.17 -0.21 -0.54	46.81 0.18 -0.96	51.97 0.00 -1.11	63.00 0.61 -1.26	67.31 0.33 -1.09	55.39 0.70 -0.36	49.34 0.63 -0.28	40.17 0.36 0.00
NYISO_LBMP_REFERENCE 24008	37.28 0.00 0.00	34.38 0.00 0.00	31.61 0.00 0.00	30.30 0.00 0.00	31.05 0.00 0.00	35.79 0.00 0.00	45.84 0.00 0.00	50.28 0.00 0.00	49.27 0.00 0.00	49.81 0.00 0.00	50.84 0.00 0.00	52.25 0.00 0.00	54.65 0.00 0.00	52.20 0.00 0.00	52.48 0.00 0.00	44.66 0.00 0.00	42.85 0.00 0.00	45.67 0.00 0.00	50.86 0.00 0.00	61.13 0.00 0.00	65.90 0.00 0.00	54.32 0.00 0.00	48.44 0.00 0.00	39.81 0.00 0.00
NYPA_BRENTWD____GT 24164	42.02 3.73 -1.01	37.72 3.33 -0.01	34.88 3.26 -0.01	33.48 3.18 -0.01	34.26 3.20 -0.01	39.48 3.69 -0.01	50.80 4.95 -0.01	55.73 5.43 -0.01	54.74 5.47 0.00	55.49 5.68 0.00	56.38 5.54 0.00	58.00 5.75 -0.01	60.77 6.12 -0.01	59.89 5.84 -1.85	58.91 6.08 -0.35	61.51 4.91 -11.94	60.06 4.76 -12.46	61.92 4.93 -11.32	66.91 5.50 -10.55	74.31 6.78 -6.40	72.30 6.33 -0.07	59.01 4.67 -0.01	52.95 4.51 -0.01	43.20 3.38 -0.01
NYPA_GOWANUS____GT5 24156	40.23 2.94 -0.01	37.10 2.72 -0.01	34.37 2.75 -0.01	32.97 2.67 -0.01	33.70 2.64 -0.01	38.69 2.90 -0.01	49.84 3.99 -0.01	54.91 4.62 0.00	54.10 4.83 0.00	55.04 5.23 0.00	56.28 5.44 0.00	57.89 5.64 0.00	60.55 5.90 0.00	59.56 5.53 -1.84	58.64 5.82 -0.34	61.15 4.56 -11.93	59.01 4.41 -11.75	61.17 4.70 -10.80	62.01 5.29 -5.85	67.50 6.36 -0.01	71.64 5.73 -0.01	58.41 4.08 -0.01	51.98 3.53 -0.01	42.40 2.59 -0.01
NYPA_GOWANUS____GT6 24157	40.23 2.94 -0.01	37.10 2.72 -0.01	34.37 2.75 -0.01	32.97 2.67 -0.01	33.70 2.64 -0.01	38.69 2.90 -0.01	49.84 3.99 -0.01	54.91 4.62 0.00	54.10 4.83 0.00	55.04 5.23 0.00	56.28 5.44 0.00	57.89 5.64 0.00	60.55 5.90 0.00	59.56 5.53 -1.84	58.64 5.82 -0.34	61.15 4.56 -11.93	59.01 4.41 -11.75	61.17 4.70 -10.80	62.01 5.29 -5.85	67.50 6.36 -0.01	71.64 5.73 -0.01	58.41 4.08 -0.01	51.98 3.53 -0.01	42.40 2.59 -0.01
NYPA_HARLEM__RVR__GT1 24160	39.76 2.50 0.02	36.71 2.34 0.00	34.14 2.53 0.00	32.75 2.45 0.00	33.44 2.39 0.00	38.18 2.40 0.01	49.27 3.44 0.01	54.40 4.12 0.01	53.70 4.44 0.01	54.63 4.83 0.01	55.82 4.99 0.01	57.36 5.12 0.01	60.10 5.46 0.01	59.14 5.12 -1.83	58.17 5.36 -0.33	60.78 4.20 -11.92	58.62 4.03 -11.74	60.75 4.29 -10.79	61.48 4.78 -5.84	66.87 5.74 0.01	70.89 5.01 0.01	57.74 3.42 0.01	51.38 2.96 0.01	41.87 2.07 0.01
NYPA_HARLEM__RVR__GT2 24161	39.76 2.50 0.02	36.71 2.34 0.00	34.14 2.53 0.00	32.75 2.45 0.00	33.44 2.39 0.00	38.18 2.40 0.01	49.27 3.44 0.01	54.40 4.12 0.01	53.70 4.44 0.01	54.63 4.83 0.01	55.82 4.99 0.01	57.36 5.12 0.01	60.10 5.46 0.01	59.14 5.12 -1.83	58.17 5.36 -0.33	60.78 4.20 -11.92	58.62 4.03 -11.74	60.75 4.29 -10.79	61.48 4.78 -5.84	66.87 5.74 0.01	70.89 5.01 0.01	57.74 3.42 0.01	51.38 2.96 0.01	41.87 2.07 0.01
NYPA_KENT____GT 24152	40.12 2.83 0.00	36.99 2.61 0.00	34.27 2.66 0.00	32.87 2.57 0.00	33.60 2.55 0.00	38.58 2.79 0.00	49.70 3.85 0.00	54.81 4.53 0.00	54.00 4.73 0.00	54.94 5.13 0.00	56.13 5.29 0.00	57.73 5.48 0.00	60.44 5.79 0.00	59.46 5.43 -1.84	58.54 5.72 -0.34	61.05 4.47 -11.93	58.92 4.33 -11.75	61.08 4.61 -10.80	61.85 5.14 -5.85	67.31 6.17 0.00	71.44 5.54 0.00	58.24 3.91 0.00	51.83 3.39 0.00	42.28 2.47 0.00
NYPA_POUCH1____GT 24155	40.31 3.02 -0.01	37.17 2.78 -0.01	34.43 2.81 -0.01	33.06 2.76 -0.01	33.79 2.73 -0.01	38.76 2.97 -0.01	49.93 4.08 -0.01	55.01 4.73 0.00	54.10 4.83 0.00	55.09 5.28 0.00	56.28 5.44 0.00	57.89 5.64 0.00	60.55 5.90 0.00	59.56 5.53 -1.84	58.64 5.82 -0.34	61.15 4.56 -11.93	59.01 4.41 -11.75	61.17 4.70 -10.80	62.06 5.34 -5.85	67.56 6.42 -0.01	71.71 5.80 -0.01	58.52 4.18 -0.01	52.08 3.63 -0.01	42.48 2.67 -0.01
NYPA_VERNON____GT2 24162	40.00 2.72 0.00	36.88 2.51 0.00	34.17 2.56 0.00	32.78 2.48 0.00	33.51 2.45 0.00	38.47 2.69 0.00	49.60 3.76 0.00	54.66 4.37 0.00	53.90 4.63 0.00	54.84 5.03 0.00	56.03 5.19 0.00	57.63 5.38 0.00	60.33 5.68 0.00	59.41 5.38 -1.84	58.44 5.62 -0.34	60.97 4.38 -11.93	58.84 4.24 -11.75	60.94 4.48 -10.80	61.75 5.04 -5.85	67.13 5.99 0.00	71.23 5.34 0.00	58.07 3.75 0.00	51.73 3.30 0.00	42.20 2.39 0.00
NYPA_VERNON____GT3 24163	40.00 2.72 0.00	36.88 2.51 0.00	34.17 2.56 0.00	32.78 2.48 0.00	33.51 2.45 0.00	38.47 2.69 0.00	49.60 3.76 0.00	54.66 4.37 0.00	53.90 4.63 0.00	54.84 5.03 0.00	56.03 5.19 0.00	57.63 5.38 0.00	60.33 5.68 0.00	59.41 5.38 -1.84	58.44 5.62 -0.34	60.97 4.38 -11.93	58.84 4.24 -11.75	60.94 4.48 -10.80	61.75 5.04 -5.85	67.13 5.99 0.00	71.23 5.34 0.00	58.07 3.75 0.00	51.73 3.30 0.00	42.20 2.39 0.00
NYPA__ASTORIA_CC1 323568	39.97 2.69 0.00	36.85 2.48 0.00	34.14 2.53 0.00	32.78 2.48 0.00	33.48 2.42 0.00	38.40 2.61 0.00	49.51 3.67 0.00	54.56 4.27 0.00	53.80 4.53 0.00	54.74 4.93 0.00	55.93 5.08 0.00	57.52 5.27 0.00	60.28 5.63 0.00	59.30 5.27 -1.84	58.38 5.56 -0.34	60.92 4.33 -11.93	58.75 4.16 -11.75	60.89 4.43 -10.80	61.64 4.93 -5.85	67.06 5.93 0.00	71.10 5.20 0.00	58.02 3.70 0.00	51.63 3.20 0.00	42.12 2.31 0.00
NYPA__ASTORIA_CC2 323569	39.97 2.69 0.00	36.85 2.48 0.00	34.14 2.53 0.00	32.78 2.48 0.00	33.48 2.42 0.00	38.40 2.61 0.00	49.51 3.67 0.00	54.56 4.27 0.00	53.80 4.53 0.00	54.74 4.93 0.00	55.93 5.08 0.00	57.52 5.27 0.00	60.28 5.63 0.00	59.30 5.27 -1.84	58.38 5.56 -0.34	60.92 4.33 -11.93	58.75 4.16 -11.75	60.89 4.43 -10.80	61.64 4.93 -5.85	67.06 5.93 0.00	71.10 5.20 0.00	58.02 3.70 0.00	51.63 3.20 0.00	42.12 2.31 0.00
NYPA__HOLTSVILL 23794	41.89 3.62 -0.99	37.61 3.23 -0.01	34.78 3.16 -0.01	33.36 3.06 -0.01	34.14 3.07 -0.01	39.37 3.58 -0.01	50.62 4.77 -0.01	55.57 5.28 -0.01	54.54 5.27 0.00	55.29 5.48 0.00	56.23 5.39 0.00	57.85 5.59 -0.01	60.61 5.96 -0.01	59.73 5.69 -1.85	58.81 5.98 -0.35	61.38 4.78 -11.94	59.93 4.63 -12.45	61.91 4.93 -11.31	66.89 5.55 -10.48	74.28 6.85 -6.31	72.30 6.33 -0.08	58.84 4.51 -0.01	52.81 4.36 -0.01	43.04 3.22 -0.01
NYPA__HELLGATE_GT1 24158	39.78 2.50 0.00	36.71 2.34 0.00	34.14 2.53 0.00	32.75 2.45 0.00	33.44 2.39 0.00	38.18 2.40 0.01	49.27 3.44 0.01	54.40 4.12 0.01	53.70 4.44 0.01	54.63 4.83 0.01	55.82 4.99 0.01	57.36 5.12 0.01	60.10 5.46 0.01	59.14 5.12 -1.83	58.17 5.36 -0.33	60.78 4.20 -11.92	58.62 4.03 -11.74	60.75 4.29 -10.79	61.48 4.78 -5.84	66.87 5.74 0.01	70.89 5.01 0.01	57.74 3.42 0.01	51.38 2.96 0.01	41.87 2.07 0.01

NYPA_____HELLGATE_GT2 24159	39.78	36.71	34.14	32.75	33.44	38.18	49.27	54.40	53.70	54.63	55.82	57.36	60.10	59.14	58.17	60.78	58.62	60.75	61.48	66.87	70.89	57.74	51.38	41.87
	2.50	2.34	2.53	2.45	2.39	2.40	3.44	4.12	4.44	4.83	4.99	5.12	5.46	5.12	5.36	4.20	4.03	4.29	4.78	5.74	5.01	3.42	2.96	2.07
	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-1.83	-0.33	-11.92	-11.74	-10.79	-5.84	0.01	0.01	0.01	0.01	0.01
NYS_BARGE___HYD 23848	35.34	31.90	29.59	28.29	28.97	32.92	42.13	46.16	44.82	44.97	45.80	47.01	49.05	46.48	46.92	40.37	38.62	40.70	45.67	55.68	60.76	49.65	44.02	36.62
	-1.94	-2.48	-2.02	-2.00	-2.08	-2.86	-3.71	-4.12	-4.43	-5.03	-5.03	-5.22	-5.63	-5.80	-5.56	-4.91	-4.84	-5.02	-5.60	-5.44	-5.14	-4.67	-4.41	-3.19
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	-0.19	0.01	0.02	-0.03	-0.08	0.00	-0.62	-0.61	-0.05	-0.40	0.01	0.00	0.00	0.01	0.00
OAK ORCHARD___HYD 24046	36.57	33.31	30.73	29.42	30.15	34.53	44.24	48.78	47.49	47.71	48.55	49.83	52.22	49.37	49.81	42.63	40.87	42.94	48.48	58.93	63.66	52.26	46.30	38.30
	-0.71	-1.07	-0.88	-0.88	-0.90	-1.25	-1.61	-1.51	-1.77	-2.29	-2.29	-2.40	-2.46	-2.92	-2.67	-2.68	-2.62	-2.74	-2.80	-2.20	-2.24	-2.06	-2.13	-1.51
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	-0.19	0.01	0.01	-0.03	-0.09	0.00	-0.64	-0.63	-0.01	-0.41	0.00	0.00	0.00	0.00	0.00
OAKDALE___35_KV_LOAD 356122	37.88	34.79	32.09	30.72	31.49	36.25	46.53	50.84	49.81	50.37	51.46	52.88	55.25	53.42	53.27	50.96	48.95	52.62	54.68	63.24	67.68	55.15	49.05	40.17
	0.60	0.41	0.47	0.42	0.43	0.47	0.69	0.55	0.54	0.55	0.61	0.63	0.60	0.57	0.68	0.71	0.60	0.69	0.76	1.10	0.92	0.54	0.39	0.36
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	-0.65	-0.12	-5.58	-5.50	-6.27	-3.05	-1.01	-0.86	-0.28	-0.23	0.00
OCC_CHEM___DRP 24175	34.76	31.32	29.05	27.81	28.44	32.32	40.75	45.26	43.79	43.78	44.73	45.86	47.65	45.10	45.69	39.49	37.73	39.61	44.47	53.91	58.91	48.57	43.00	35.99
	-2.50	-3.06	-2.56	-2.48	-2.61	-3.47	-5.09	-5.03	-5.47	-6.18	-6.10	-6.37	-6.99	-7.15	-6.77	-5.76	-5.70	-6.07	-6.76	-7.21	-6.99	-5.76	-5.42	-3.82
	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	-0.15	0.01	0.02	0.00	-0.05	0.02	-0.59	-0.58	-0.01	-0.37	0.01	0.00	0.00	0.01	0.00
OH_GEN_PROXY 24063	35.38	31.90	29.53	28.29	28.94	32.96	42.04	46.21	44.73	44.80	45.64	46.85	48.82	46.27	46.70	40.14	38.48	40.55	45.61	55.50	60.56	49.54	43.87	36.51
	-1.90	-2.48	-2.09	-2.00	-2.11	-2.83	-3.80	-4.07	-4.53	-5.18	-5.19	-5.38	-5.85	-6.00	-5.77	-5.13	-4.97	-5.16	-5.65	-5.62	-5.34	-4.78	-4.55	-3.30
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	-0.17	0.01	0.02	-0.02	-0.07	0.01	-0.61	-0.60	-0.04	-0.39	0.01	0.00	0.00	0.01	0.00
OLIN_CORP_DRP 24177	34.93	31.49	29.21	27.96	28.63	32.53	41.12	45.56	44.18	44.36	45.24	46.43	48.28	45.59	46.29	39.96	38.23	40.11	45.03	54.52	59.64	49.05	43.44	36.31
	-2.35	-2.89	-2.40	-2.33	-2.42	-3.26	-4.72	-4.73	-5.07	-5.63	-5.59	-5.80	-6.39	-6.68	-6.19	-5.31	-5.23	-5.62	-6.21	-6.60	-6.26	-5.27	-4.99	-3.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	-0.18	0.01	0.02	-0.03	-0.08	-0.01	-0.62	-0.61	-0.06	-0.37	0.01	0.00	0.00	0.01	0.00
OLIN_CORP_DSASP 323712	34.76	31.32	29.05	27.81	28.44	32.32	40.75	45.26	43.79	43.78	44.73	45.86	47.65	45.10	45.69	39.49	37.73	39.61	44.47	53.91	58.91	48.57	43.00	35.99
	-2.50	-3.06	-2.56	-2.48	-2.61	-3.47	-5.09	-5.03	-5.47	-6.18	-6.10	-6.37	-6.99	-7.15	-6.77	-5.76	-5.70	-6.07	-6.76	-7.21	-6.99	-5.76	-5.42	-3.82
	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	-0.15	0.01	0.02	0.00	-0.05	0.02	-0.59	-0.58	-0.01	-0.37	0.01	0.00	0.00	0.01	0.00
ONEIDA_HERK_LFGE 323681	37.80	34.82	32.09	30.69	31.58	36.50	46.90	51.69	50.50	53.23	52.17	53.35	56.24	53.43	53.60	46.09	43.93	47.40	52.54	63.50	67.93	55.83	49.75	40.61
	0.52	0.45	0.47	0.39	0.53	0.72	1.06	1.41	1.18	1.15	1.27	1.10	1.04	1.15	1.10	0.89	0.56	0.91	0.81	1.46	1.25	1.25	1.11	0.80
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	-2.27	-0.05	0.00	-0.56	-0.08	-0.02	-0.53	-0.52	-0.82	-0.87	-0.91	-0.79	-0.26	-0.20	0.00
ONEIDA___115KV_TB4 55905	38.18	35.13	32.37	30.96	31.83	36.75	47.17	51.89	50.72	52.09	52.34	53.61	56.23	53.73	53.97	46.60	44.55	47.92	53.13	64.02	68.47	56.02	49.87	40.73
	0.89	0.76	0.76	0.67	0.78	0.97	1.33	1.61	1.43	1.39	1.47	1.36	1.37	1.41	1.47	1.16	0.94	1.19	1.22	1.90	1.71	1.41	1.21	0.92
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.89	-0.02	0.00	-0.22	-0.12	-0.02	-0.77	-0.76	-1.07	-1.04	-1.00	-0.86	-0.28	-0.22	0.00
ONONDAGA_REF_OCCRA 23987	37.39	34.38	31.68	30.30	31.11	35.82	45.93	50.44	49.38	50.31	50.96	52.35	54.80	52.45	52.63	45.69	43.81	47.22	52.78	63.32	67.64	54.77	48.67	39.69
	0.11	0.00	0.06	0.00	0.06	0.04	0.09	0.15	0.10	0.10	0.10	0.10	0.05	0.00	0.10	-0.04	-0.09	-0.09	-0.05	0.24	0.07	-0.11	-0.19	-0.12
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.40	-0.01	0.00	-0.10	-0.26	-0.05	-1.07	-1.05	-1.65	-1.97	-1.94	-1.68	-0.55	-0.43	0.00
ONONDAGA___COGEN 23986	37.39	34.38	31.68	30.30	31.08	35.82	45.89	50.38	49.33	50.18	50.90	52.30	54.74	52.34	52.57	45.50	43.63	47.35	53.09	64.01	68.21	54.89	48.75	39.65
	0.11	0.00	0.06	0.00	0.03	0.04	0.05	0.10	0.05	0.00	0.05	0.05	0.00	-0.05	0.05	-0.09	-0.13	-0.18	-0.15	0.12	-0.07	-0.22	-0.29	-0.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.37	-0.01	0.00	-0.09	-0.20	-0.04	-0.92	-0.91	-1.87	-2.38	-2.75	-2.38	-0.78	-0.60	0.00
ONTARIO___LFGE 23819	37.32	34.07	31.46	30.05	30.90	35.50	45.66	50.08	48.96	49.42	50.17	51.45	53.69	51.29	51.57	44.44	42.65	48.07	51.10	61.63	66.41	54.05	47.82	39.33
	0.04	-0.31	-0.16	-0.24	-0.15	-0.29	-0.18	-0.20	-0.29	-0.60	-0.66	-0.78	-0.98	-0.94	-0.89	-0.85	-0.82	-0.78	-0.71	-0.24	-0.13	-0.49	-0.78	-0.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	-0.21	0.01	0.02	-0.03	-0.03	0.01	-0.63	-0.62	-3.18	-0.95	-0.74	-0.65	-0.21	-0.16	0.00
ORANGEVILLE_WT_PWR 323706	36.01	32.55	30.16	28.84	29.56	33.68	43.18	47.27	46.05	46.39	47.21	48.30	50.23	47.99	48.31	41.77	39.96	42.28	47.28	57.33	62.54	50.85	45.03	37.38
	-1.27	-1.82	-1.45	-1.45	-1.49	-2.11	-2.66	-3.02	-3.20	-3.59	-3.61	-3.92	-4.42	-4.23	-4.15	-3.44	-3.43	-3.43	-3.97	-3.79	-3.36	-3.48	-3.39	-2.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	-0.16	0.02	0.02	-0.01	-0.02	0.02	-0.55	-0.54	-0.03	-0.38	0.01	0.00	0.00	0.01	0.00
ORANGEVILLE___ESR 323794	36.01	32.55	30.16	28.84	29.56	33.68	43.18	47.27	46.05	46.39	47.21	48.30	50.23	47.99	48.31	41.77	39.96	42.28	47.28	57.33	62.54	50.85	45.03	37.38
	-1.27	-1.82	-1.45	-1.45	-1.49	-2.11	-2.66	-3.02	-3.20	-3.59	-3.61	-3.92	-4.42	-4.23	-4.15	-3.44	-3.43	-3.43	-3.97	-3.79	-3.36	-3.48	-3.39	-2.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	-0.16	0.02	0.02	-0.01	-0.02	0.02	-0.55	-0.54	-0.03	-0.38	0.01	0.00	0.00	0.01	0.00

OSWEGATCHIE___HYD 24044	36.13 -1.16 0.00	33.38 -1.00 0.00	30.69 -0.92 0.00	29.39 -0.91 0.00	30.24 -0.81 0.00	34.93 -0.86 0.00	44.88 -0.96 0.00	49.48 -0.81 0.00	48.62 -0.84 -0.19	57.50 -0.65 -8.34	50.48 -0.56 -0.19	51.41 -0.84 0.00	55.71 -0.98 -2.04	51.22 -1.04 -0.06	51.23 -1.26 -0.01	43.90 -1.16 -0.40	41.91 -1.33 -0.39	45.36 -1.05 -0.74	50.41 -1.32 -0.87	60.68 -1.47 -1.02	65.26 -1.51 -0.88	53.80 -0.81 -0.29	47.98 -0.68 -0.22	39.17 -0.64 0.00
OSWEGO___5 23606	36.72 -0.56 0.00	33.76 -0.62 0.00	31.11 -0.51 0.00	29.78 -0.52 0.00	30.55 -0.50 0.00	35.18 -0.61 0.00	45.06 -0.78 0.00	49.38 -0.90 0.00	48.29 -0.98 -0.01	48.99 -1.05 -0.22	49.78 -1.07 -0.01	51.15 -1.10 0.00	53.55 -1.15 -0.05	51.15 -1.20 -0.15	51.40 -1.10 -0.03	44.32 -1.07 -0.73	42.54 -1.03 -0.72	48.97 -1.10 -0.40	56.97 -1.17 -0.72	70.29 -1.16 -10.32	73.42 -1.39 -8.91	56.01 -1.25 -2.93	49.54 -1.16 -2.26	38.97 -0.84 0.00
OSWEGO___6 23613	36.72 -0.56 0.00	33.76 -0.62 0.00	31.11 -0.51 0.00	29.78 -0.52 0.00	30.55 -0.50 0.00	35.18 -0.61 0.00	45.06 -0.78 0.00	49.38 -0.90 0.00	48.29 -0.98 -0.01	48.99 -1.05 -0.22	49.78 -1.07 -0.01	51.15 -1.10 0.00	53.55 -1.15 -0.05	51.15 -1.20 -0.15	51.40 -1.10 -0.03	44.32 -1.07 -0.73	42.54 -1.03 -0.72	48.97 -1.10 -0.40	56.97 -1.17 -0.72	70.29 -1.16 -10.32	73.42 -1.39 -8.91	56.01 -1.25 -2.93	49.54 -1.16 -2.26	38.97 -0.84 0.00
OUTOKUMPU-AB___DRP 24206	35.41 -1.86 0.01	31.93 -2.44 0.00	29.65 -1.96 0.00	28.39 -1.91 0.00	29.03 -2.02 0.00	33.00 -2.79 0.00	41.72 -4.13 0.00	46.16 -4.12 0.00	44.87 -4.38 0.01	45.13 -4.88 -0.20	46.00 -4.83 0.01	47.21 -5.02 0.02	49.18 -5.52 -0.05	46.55 -5.74 -0.10	47.21 -5.30 -0.03	40.74 -4.56 -0.64	38.89 -4.58 -0.63	40.91 -4.84 -0.09	45.80 -5.44 -0.37	55.38 -5.75 0.01	60.56 -5.34 0.00	49.71 -4.62 0.00	44.07 -4.36 0.01	36.78 -3.03 0.00
OXBOW___BTM 323836	35.14 -2.12 0.01	31.69 -2.68 0.00	29.37 -2.24 0.00	28.11 -2.18 0.00	28.79 -2.27 0.00	32.67 -3.11 0.00	41.72 -4.13 0.00	45.76 -4.53 0.00	44.38 -4.88 0.01	44.48 -5.53 -0.20	45.34 -5.49 0.01	46.54 -5.69 0.02	48.58 -6.12 -0.05	46.08 -6.21 -0.10	46.51 -5.98 -0.02	40.07 -5.23 -0.64	38.29 -5.19 -0.63	40.41 -5.34 -0.09	45.21 -6.05 -0.39	55.07 -6.05 0.01	60.16 -5.73 0.00	49.11 -5.22 0.00	43.63 -4.80 0.01	36.31 -3.50 0.00
OXBOW___ 24026	35.14 -2.13 0.01	31.66 -2.72 0.00	29.37 -2.24 0.00	28.11 -2.18 0.00	28.79 -2.27 0.00	32.67 -3.11 0.00	41.26 -4.58 0.00	45.76 -4.53 0.00	44.38 -4.88 0.01	44.53 -5.48 -0.20	45.44 -5.39 0.01	46.59 -5.64 0.02	48.53 -6.17 -0.05	45.88 -6.42 -0.10	46.53 -5.98 -0.03	40.21 -5.09 -0.64	38.38 -5.10 -0.63	40.37 -5.39 -0.09	45.19 -6.05 -0.37	54.70 -6.42 0.01	59.83 -6.06 0.00	49.16 -5.16 0.00	43.59 -4.84 0.01	36.43 -3.38 0.00
OXY_CHEM_DSASP 323612	34.76 -2.50 0.02	31.32 -3.06 0.00	29.05 -2.56 0.00	27.81 -2.48 0.00	28.44 -2.61 0.00	32.32 -3.47 0.00	40.75 -5.09 0.00	45.26 -5.03 0.00	43.79 -5.47 0.01	43.78 -6.18 -0.15	44.73 -6.10 0.01	45.86 -6.37 0.02	47.65 -6.99 0.00	45.10 -7.15 -0.05	45.69 -6.77 0.02	39.49 -5.76 -0.59	37.73 -5.70 -0.58	39.61 -6.07 -0.01	44.47 -6.76 -0.37	53.91 -7.21 0.01	58.91 -6.99 0.00	48.57 -5.76 0.00	43.00 -5.42 0.01	35.99 -3.82 0.00
OZONE_PARK_ESR 323760	40.30 3.02 0.00	37.09 2.72 0.00	34.30 2.69 0.00	32.90 2.61 0.00	33.63 2.58 0.00	38.76 2.97 0.00	50.06 4.22 0.00	55.06 4.78 0.00	54.25 4.98 0.00	55.19 5.38 0.00	56.33 5.49 0.00	57.99 5.75 0.00	60.88 6.23 0.00	59.83 5.79 -1.84	58.91 6.09 -0.35	61.32 4.73 -11.93	59.14 4.54 -11.75	61.35 4.89 -10.80	62.18 5.49 -5.82	67.85 6.72 0.00	71.96 6.06 0.00	58.62 4.29 0.00	52.12 3.68 0.00	42.60 2.79 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	34.76 -2.50 0.02	31.32 -3.06 0.00	29.05 -2.56 0.00	27.81 -2.48 0.00	28.44 -2.61 0.00	32.32 -3.47 0.00	40.75 -5.09 0.00	45.26 -5.03 0.00	43.79 -5.47 0.01	43.78 -6.18 -0.15	44.73 -6.10 0.01	45.86 -6.37 0.02	47.65 -6.99 0.00	45.10 -7.15 -0.05	45.69 -6.77 0.02	39.49 -5.76 -0.59	37.73 -5.70 -0.58	39.61 -6.07 -0.01	44.47 -6.76 -0.37	53.91 -7.21 0.01	58.91 -6.99 0.00	48.57 -5.76 0.00	43.00 -5.42 0.01	35.99 -3.82 0.00
PACKARD___115KV_DUPONT_184 80571	34.76 -2.50 0.02	31.35 -3.03 0.00	29.05 -2.56 0.00	27.81 -2.48 0.00	28.44 -2.61 0.00	32.32 -3.47 0.00	41.21 -4.63 0.00	45.26 -5.03 0.00	43.79 -5.47 0.01	43.73 -6.23 -0.15	44.63 -6.20 0.01	45.80 -6.43 0.02	47.75 -6.89 0.00	45.25 -6.99 -0.05	45.68 -6.77 0.03	39.35 -5.90 -0.59	37.60 -5.83 -0.58	39.65 -6.03 -0.01	44.49 -6.76 -0.39	54.28 -6.85 0.01	59.31 -6.59 0.00	48.51 -5.81 0.00	43.05 -5.38 0.01	35.87 -3.94 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	39.89 2.61 0.00	36.82 2.44 0.00	34.17 2.56 0.00	32.78 2.48 0.00	33.47 2.42 0.00	38.26 2.47 0.00	49.42 3.58 0.00	54.36 4.07 0.00	53.60 4.34 0.00	54.54 4.73 0.00	55.67 4.83 0.00	57.31 5.07 0.00	60.11 5.46 0.00	59.10 5.06 -1.84	58.18 5.35 -0.35	60.70 4.11 -11.93	58.58 3.98 -11.75	60.71 4.25 -10.80	61.42 4.73 -5.82	67.00 5.87 0.00	70.91 5.01 0.00	57.80 3.48 0.00	51.39 2.95 0.00	42.04 2.23 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	40.52 3.24 0.00	37.40 3.03 0.00	34.71 3.10 0.00	33.32 3.03 0.00	34.00 2.95 0.00	38.90 3.11 0.00	50.20 4.35 0.00	55.26 4.98 0.00	54.44 5.17 0.00	55.44 5.63 0.00	56.59 5.75 0.00	58.20 5.96 0.00	61.04 6.39 0.00	59.88 5.85 -1.84	59.02 6.19 -0.35	61.37 4.78 -11.93	59.22 4.63 -11.75	61.40 4.93 -10.80	62.23 5.54 -5.82	67.98 6.85 0.00	71.96 6.06 0.00	58.67 4.35 0.00	52.12 3.68 0.00	42.68 2.87 0.00
PATROON_115KV_TB1 80586	38.44 1.16 0.00	35.51 1.13 0.00	32.72 1.11 0.00	31.36 1.06 0.00	32.08 1.02 0.00	37.00 1.22 0.00	47.35 1.51 0.00	51.84 1.56 0.00	51.34 2.07 0.00	51.95 2.14 0.00	53.10 2.24 -0.02	55.22 2.46 -0.51	58.72 2.68 -1.40	59.95 2.56 -5.20	54.88 1.99 -0.41	59.91 1.70 -13.55	57.78 1.59 -13.35	59.60 1.64 -12.29	59.31 1.78 -6.67	63.27 2.14 0.00	67.41 1.52 0.00	55.52 1.20 0.00	49.70 1.26 0.00	40.88 1.07 0.00
PATTRSNVILLE___SOLAR 323815	38.73 1.45 0.00	35.75 1.38 0.00	32.94 1.33 0.00	31.54 1.24 0.00	32.30 1.24 0.00	37.29 1.50 0.00	47.86 2.01 0.00	52.40 2.11 0.00	51.24 1.97 0.00	51.66 1.84 0.00	52.68 1.83 -0.01	54.48 2.04 -0.20	57.43 2.24 -0.55	57.78 2.19 -3.39	54.99 2.10 -0.42	60.64 1.92 -14.06	58.49 1.80 -13.84	60.43 2.01 -12.75	60.05 2.19 -7.00	63.82 2.69 0.00	68.27 2.37 0.00	56.22 1.90 0.00	50.28 1.84 0.00	41.24 1.43 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	35.53 -1.75 0.00	32.07 -2.30 0.00	29.75 -1.87 0.00	28.48 -1.82 0.00	29.16 -1.89 0.00	33.17 -2.61 0.00	42.13 -3.71 0.00	46.36 -3.92 0.00	45.51 -3.74 0.01	46.65 -3.34 -0.17	47.37 -3.46 0.01	48.78 -3.45 0.02	51.07 -3.61 -0.03	48.98 -3.29 -0.07	49.02 -3.46 0.00	42.46 -2.81 -0.61	40.23 -3.21 -0.60	42.66 -3.06 -0.05	47.16 -4.07 -0.37	55.99 -5.13 0.01	61.28 -4.61 0.00	49.98 -4.35 0.00	44.26 -4.17 0.01	36.98 -2.83 0.00

PAWLING_115_KV_BK3_REV_LBMP_H 345028	40.04 2.76 0.00	36.85 2.48 0.00	34.05 2.43 0.00	32.66 2.36 0.00	33.38 2.33 0.00	38.54 2.76 0.00	49.60 3.76 0.00	54.41 4.12 0.00	53.65 4.38 0.00	54.54 4.73 0.00	55.72 4.88 0.00	57.37 5.12 0.00	60.33 5.68 0.00	59.34 5.27 -1.87	58.39 5.56 -0.35	61.05 4.29 -12.10	58.88 4.11 -11.92	61.01 4.38 -10.95	61.41 4.63 -5.92	66.94 5.81 0.00	71.04 5.14 0.00	58.02 3.69 0.00	51.83 3.39 0.00	42.32 2.51 0.00
PEEKSKILL____ 23653	39.78 2.50 0.00	36.64 2.27 0.00	33.86 2.24 0.00	32.48 2.18 0.00	33.23 2.17 0.00	38.29 2.50 0.00	49.23 3.39 0.00	54.16 3.87 0.00	53.36 4.09 0.00	54.20 4.38 0.00	55.36 4.52 0.00	56.95 4.70 0.00	59.73 5.08 0.00	58.88 4.86 -1.83	57.91 5.09 -0.34	60.50 3.97 -11.87	58.35 3.81 -11.69	60.48 4.06 -10.75	61.16 4.48 -5.82	66.51 5.38 0.00	70.77 4.88 0.00	57.75 3.42 0.00	51.49 3.05 0.00	42.00 2.19 0.00
PGE MADISON__WINDPWR 24146	39.74 2.46 0.00	36.54 2.17 0.00	33.73 2.12 0.00	32.20 1.91 0.00	33.19 2.14 0.00	38.33 2.54 0.00	49.83 3.99 0.00	55.01 4.73 0.00	53.53 4.24 -0.02	53.98 4.13 -0.04	54.98 4.12 -0.02	56.08 3.81 -0.02	58.50 3.83 -0.03	56.86 3.81 -0.85	56.63 3.99 -0.17	52.04 3.30 -4.07	49.73 2.87 -4.01	53.64 3.61 -4.37	56.85 3.36 -2.63	67.00 4.83 -1.04	71.34 4.55 -0.89	58.26 3.64 -0.29	51.72 3.05 -0.23	42.20 2.39 0.00
PIERCEFIELD__HYD 23852	35.60 -1.68 0.00	32.97 -1.41 0.00	30.28 -1.33 0.00	29.05 -1.24 0.00	29.84 -1.21 0.00	34.46 -1.32 0.00	44.33 -1.51 0.00	48.88 -1.41 0.00	48.37 -1.18 -0.28	61.16 -0.75 -12.10	50.36 -0.76 -0.28	51.25 -0.99 0.00	56.46 -1.15 -2.96	50.93 -1.30 -0.04	50.75 -1.73 -0.01	43.29 -1.61 -0.23	41.62 -1.46 -0.23	44.81 -1.28 -0.42	49.72 -1.63 -0.48	59.36 -2.32 -0.56	64.33 -2.04 -0.48	53.23 -1.25 -0.16	47.35 -1.21 -0.12	38.81 -1.00 0.00
PINELAWN_CC_1 323563	41.83 3.47 -1.08	37.51 3.13 -0.01	34.69 3.07 -0.01	33.28 2.97 -0.01	34.04 2.98 -0.01	39.23 3.44 -0.01	50.43 4.58 -0.01	55.43 5.13 -0.01	54.39 5.12 0.00	55.19 5.38 0.00	56.13 5.29 0.00	57.69 5.43 -0.01	60.44 5.79 -0.01	59.52 5.48 -1.85	58.60 5.77 -0.35	61.16 4.56 -11.94	59.82 4.46 -12.51	61.77 4.75 -11.36	67.10 5.34 -10.89	74.60 6.60 -6.87	72.03 6.06 -0.08	58.68 4.35 -0.01	52.56 4.11 -0.01	42.96 3.14 -0.01
PJM_GEN_HTP_PROXY 323702	40.04 2.76 0.00	36.88 2.51 0.00	34.11 2.50 0.00	32.72 2.42 0.00	33.44 2.39 0.00	38.54 2.76 0.00	49.64 3.80 0.00	54.71 4.43 0.00	53.90 4.63 0.00	54.84 5.03 0.00	56.03 5.19 0.00	57.63 5.38 0.00	60.38 5.74 0.00	59.46 5.43 -1.84	58.54 5.72 -0.34	61.05 4.47 -11.93	58.88 4.28 -11.75	60.99 4.52 -10.80	61.80 5.09 -5.85	67.18 6.05 0.00	71.36 5.47 0.00	58.18 3.86 0.00	51.78 3.34 0.00	42.24 2.43 0.00
PJM_GEN_KEystone 24065	37.65 0.37 0.00	34.38 0.00 0.00	31.77 0.16 0.00	30.48 0.18 0.00	31.18 0.12 0.00	35.79 0.00 0.00	45.93 0.09 0.00	50.33 0.05 0.00	49.31 0.05 0.01	50.09 0.10 -0.18	50.99 0.15 0.01	52.39 0.16 0.01	54.73 0.05 -0.03	53.34 0.21 -0.93	52.84 0.21 -0.16	50.81 0.09 -6.05	48.86 0.04 -5.96	51.02 0.14 -5.22	53.90 0.00 -3.03	61.49 0.37 0.01	66.23 0.33 0.00	53.89 -0.44 0.00	47.90 -0.53 0.01	39.41 -0.40 0.00
PJM_GEN_NEPTUNE_PROXY 323594	40.79 2.94 -0.56	37.07 2.68 -0.01	34.31 2.69 -0.01	32.91 2.61 -0.01	33.64 2.58 -0.01	38.73 2.94 -0.01	49.79 3.94 -0.01	54.82 4.53 -0.01	53.90 4.63 0.00	54.74 4.93 0.00	55.67 4.83 0.00	57.27 5.02 -0.01	59.95 5.30 -0.01	59.00 4.96 -1.85	58.07 5.25 -0.35	60.66 4.06 -11.94	58.93 3.94 -12.15	60.96 4.20 -11.09	64.00 4.68 -8.45	70.42 5.74 -3.55	71.08 5.14 -0.04	57.92 3.58 -0.01	51.93 3.49 -0.01	42.49 2.67 -0.01
PJM_GEN_VFT_PROXY 323633	39.89 2.61 0.00	36.75 2.37 0.00	33.98 2.37 0.00	32.60 2.30 0.00	33.35 2.30 0.00	38.40 2.61 0.00	49.51 3.67 0.00	54.51 4.22 0.00	53.75 4.48 0.00	54.64 4.83 0.00	55.83 4.99 0.00	57.42 5.17 0.00	60.22 5.58 0.00	59.30 5.27 -1.84	58.33 5.51 -0.34	60.88 4.29 -11.93	58.71 4.11 -11.75	60.85 4.38 -10.80	61.64 4.93 -5.85	67.00 5.87 0.00	71.17 5.27 0.00	58.02 3.70 0.00	51.58 3.15 0.00	42.08 2.27 0.00
PLATSBURG_115KV_PMLD1 355749	36.65 -0.63 0.00	33.96 -0.41 0.00	31.39 -0.22 0.00	30.17 -0.12 0.00	30.99 -0.06 0.00	35.79 0.00 0.00	45.98 0.14 0.00	50.69 0.40 0.00	49.70 0.44 0.01	49.57 0.40 0.64	51.13 0.31 0.01	52.46 0.21 0.00	54.71 0.22 0.16	52.51 0.31 0.00	52.58 0.10 0.00	44.84 0.18 0.00	43.15 0.30 0.00	46.12 0.46 0.00	51.22 0.36 0.00	61.19 0.06 0.00	66.42 0.53 0.00	54.92 0.60 0.00	48.82 0.39 0.00	40.01 0.20 0.00
PLEASANTVLY__LBMP 24000	39.48 2.20 0.00	36.44 2.06 0.00	33.67 2.05 0.00	32.29 2.00 0.00	33.01 1.96 0.00	38.04 2.25 0.00	48.91 3.07 0.00	53.75 3.47 0.00	52.87 3.60 0.00	53.70 3.89 0.00	54.81 3.97 0.00	56.43 4.18 0.00	59.18 4.54 0.00	58.37 4.28 -1.89	57.40 4.57 -0.36	60.30 3.39 -12.24	58.17 3.26 -12.06	60.25 3.52 -11.07	60.77 3.92 -5.99	65.90 4.77 0.00	70.05 4.15 0.00	57.26 2.93 0.00	51.10 2.66 0.00	41.80 1.99 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	39.89 2.61 0.00	36.75 2.37 0.00	33.98 2.37 0.00	32.60 2.30 0.00	33.32 2.27 0.00	38.40 2.61 0.00	49.51 3.67 0.00	54.36 4.07 0.00	53.56 4.29 0.00	54.44 4.63 0.00	55.57 4.73 0.00	57.21 4.96 0.00	60.06 5.41 0.00	59.10 5.06 -1.84	58.23 5.41 -0.35	60.77 4.15 -11.96	58.61 3.98 -11.78	60.74 4.25 -10.83	61.44 4.73 -5.84	66.94 5.81 0.00	71.04 5.14 0.00	57.91 3.59 0.00	51.63 3.20 0.00	42.20 2.39 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	39.89 2.61 0.00	36.75 2.37 0.00	33.98 2.37 0.00	32.60 2.30 0.00	33.32 2.27 0.00	38.40 2.61 0.00	49.51 3.67 0.00	54.36 4.07 0.00	53.56 4.29 0.00	54.44 4.63 0.00	55.57 4.73 0.00	57.21 4.96 0.00	60.06 5.41 0.00	59.10 5.06 -1.84	58.23 5.41 -0.35	60.77 4.15 -11.96	58.61 3.98 -11.78	60.74 4.25 -10.83	61.44 4.73 -5.84	66.94 5.81 0.00	71.04 5.14 0.00	57.91 3.59 0.00	51.63 3.20 0.00	42.20 2.39 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	39.70 2.42 0.00	36.61 2.23 0.00	33.83 2.21 0.00	32.42 2.12 0.00	33.16 2.11 0.00	38.22 2.43 0.00	49.14 3.30 0.00	54.01 3.72 0.00	53.11 3.84 0.00	53.90 4.08 0.00	55.01 4.17 0.00	56.58 4.34 0.00	59.40 4.75 0.00	58.53 4.44 -1.89	57.45 4.62 -0.36	60.40 3.48 -12.25	58.30 3.39 -12.07	60.37 3.61 -11.09	60.88 4.02 -5.99	66.08 4.95 0.00	70.44 4.55 0.00	57.58 3.26 0.00	51.34 2.91 0.00	42.04 2.23 0.00
POLETTI____ 23519	39.97 2.68 0.00	36.85 2.48 0.00	34.08 2.47 0.00	32.69 2.39 0.00	33.41 2.36 0.00	38.47 2.68 0.00	49.65 3.80 0.00	54.61 4.32 0.00	53.80 4.53 0.00	54.74 4.93 0.00	55.87 5.03 0.00	57.52 5.28 0.00	60.33 5.68 0.00	59.31 5.27 -1.84	58.44 5.61 -0.35	60.88 4.29 -11.93	58.75 4.16 -11.75	60.90 4.43 -10.80	61.67 4.98 -5.82	67.24 6.11 0.00	71.23 5.34 0.00	58.07 3.75 0.00	51.73 3.29 0.00	42.28 2.47 0.00

POMONA___ESR 323819	39.78 2.50 0.00	36.64 2.27 0.00	33.86 2.24 0.00	32.48 2.18 0.00	33.19 2.14 0.00	38.29 2.50 0.00	49.23 3.39 0.00	54.16 3.87 0.00	53.31 4.04 0.00	54.14 4.33 0.00	55.32 4.48 0.00	56.95 4.70 0.00	59.67 5.02 0.00	58.80 4.80 -1.81	57.80 4.99 -0.34	60.28 3.88 -11.73	58.13 3.73 -11.55	60.27 3.97 -10.63	61.03 4.42 -5.75	66.51 5.38 0.00	70.77 4.88 0.00	57.75 3.42 0.00	51.49 3.05 0.00	42.00 2.19 0.00
PORT_JEFF_3 23555	42.00 3.73 -0.99	37.68 3.30 -0.01	34.85 3.23 -0.01	33.46 3.15 -0.01	34.23 3.17 -0.01	39.45 3.65 -0.01	50.71 4.86 -0.01	55.73 5.43 -0.01	54.64 5.37 0.00	55.39 5.58 0.00	56.33 5.49 0.00	57.95 5.70 -0.01	60.72 6.06 -0.01	59.89 5.84 -1.85	58.96 6.14 -0.35	61.51 4.91 -11.94	60.05 4.76 -12.45	62.05 5.07 -11.31	67.04 5.70 -10.48	74.47 7.03 -6.32	72.57 6.59 -0.08	59.01 4.67 -0.01	52.90 4.45 -0.01	43.16 3.34 -0.01
PORT_JEFF_4 23616	42.00 3.73 -0.99	37.68 3.30 -0.01	34.85 3.23 -0.01	33.46 3.15 -0.01	34.23 3.17 -0.01	39.45 3.65 -0.01	50.71 4.86 -0.01	55.73 5.43 -0.01	54.64 5.37 0.00	55.39 5.58 0.00	56.33 5.49 0.00	57.95 5.70 -0.01	60.72 6.06 -0.01	59.89 5.84 -1.85	58.96 6.14 -0.35	61.51 4.91 -11.94	60.05 4.76 -12.45	62.05 5.07 -11.31	67.04 5.70 -10.48	74.47 7.03 -6.32	72.57 6.59 -0.08	59.01 4.67 -0.01	52.90 4.45 -0.01	43.16 3.34 -0.01
PORT_JEFF_IC 23713	42.04 3.77 -1.00	37.75 3.37 -0.01	34.91 3.29 -0.01	33.49 3.18 -0.01	34.26 3.20 -0.01	39.52 3.72 -0.01	50.85 5.00 -0.01	55.77 5.48 -0.01	54.74 5.47 0.00	55.44 5.63 0.00	56.38 5.54 0.00	58.00 5.75 -0.01	60.88 6.23 -0.01	59.94 5.90 -1.85	59.08 6.24 -0.36	61.56 4.96 -11.94	60.10 4.80 -12.45	62.14 5.16 -11.31	67.19 5.85 -10.47	74.80 7.34 -6.34	72.77 6.79 -0.08	59.11 4.78 -0.01	53.00 4.55 -0.01	43.36 3.54 -0.01
PPL PILGRIM_ST_GT1 24216	42.02 3.73 -1.01	37.72 3.33 -0.01	34.88 3.26 -0.01	33.48 3.18 -0.01	34.26 3.20 -0.01	39.48 3.69 -0.01	50.80 4.95 -0.01	55.73 5.43 -0.01	54.74 5.47 0.00	55.49 5.68 0.00	56.38 5.54 0.00	58.00 5.75 -0.01	60.77 6.12 -0.01	59.89 5.84 -1.85	58.91 6.08 -0.35	61.51 4.91 -11.94	60.06 4.76 -12.46	61.92 4.93 -11.32	66.91 5.50 -10.55	74.31 6.78 -6.40	72.30 6.33 -0.07	59.01 4.67 -0.01	52.95 4.51 -0.01	43.20 3.38 -0.01
PPL PILGRIM_ST_GT2 24217	42.02 3.73 -1.01	37.72 3.33 -0.01	34.88 3.26 -0.01	33.48 3.18 -0.01	34.26 3.20 -0.01	39.48 3.69 -0.01	50.80 4.95 -0.01	55.73 5.43 -0.01	54.74 5.47 0.00	55.49 5.68 0.00	56.38 5.54 0.00	58.00 5.75 -0.01	60.77 6.12 -0.01	59.89 5.84 -1.85	58.91 6.08 -0.35	61.51 4.91 -11.94	60.06 4.76 -12.46	61.92 4.93 -11.32	66.91 5.50 -10.55	74.31 6.78 -6.40	72.30 6.33 -0.07	59.01 4.67 -0.01	52.95 4.51 -0.01	43.20 3.38 -0.01
PPL_SHRM_GT3 24213	42.08 3.80 -0.99	37.79 3.40 -0.01	34.91 3.29 -0.01	33.51 3.21 -0.01	34.29 3.23 -0.01	39.55 3.76 -0.01	50.85 5.00 -0.01	55.87 5.58 -0.01	54.74 5.47 0.00	55.44 5.63 0.00	56.43 5.59 0.00	58.05 5.80 -0.01	60.83 6.17 -0.01	59.99 5.95 -1.85	59.07 6.24 -0.35	61.64 5.05 -11.94	60.23 4.93 -12.45	62.23 5.25 -11.31	67.30 5.95 -10.49	74.85 7.39 -6.33	72.96 6.98 -0.08	59.28 4.94 -0.01	53.05 4.60 -0.01	43.20 3.38 -0.01
PPL_SHRM_GT4 24214	42.08 3.80 -0.99	37.79 3.40 -0.01	34.91 3.29 -0.01	33.51 3.21 -0.01	34.29 3.23 -0.01	39.55 3.76 -0.01	50.85 5.00 -0.01	55.87 5.58 -0.01	54.74 5.47 0.00	55.44 5.63 0.00	56.43 5.59 0.00	58.05 5.80 -0.01	60.83 6.17 -0.01	59.99 5.95 -1.85	59.07 6.24 -0.35	61.64 5.05 -11.94	60.23 4.93 -12.45	62.23 5.25 -11.31	67.30 5.95 -10.49	74.85 7.39 -6.33	72.96 6.98 -0.08	59.28 4.94 -0.01	53.05 4.60 -0.01	43.20 3.38 -0.01
PROJECT___ORANGE 1 24174	37.28 0.00 0.00	34.27 -0.10 0.00	31.58 -0.03 0.00	30.20 -0.09 0.00	31.02 -0.03 0.00	35.72 -0.07 0.00	45.75 -0.09 0.00	50.23 -0.05 0.00	49.18 -0.10 -0.01	50.16 -0.10 -0.45	50.80 -0.05 -0.01	52.19 -0.05 0.00	54.65 -0.11 -0.11	52.22 -0.16 -0.18	52.46 -0.05 -0.03	45.36 -0.18 -0.88	43.50 -0.21 -0.87	46.75 -0.32 -1.41	52.30 -0.31 -1.74	62.79 -0.12 -1.78	67.17 -0.26 -1.54	54.45 -0.38 -0.51	48.39 -0.44 -0.39	39.53 -0.28 0.00
PROJECT___ORANGE 2 24166	37.28 0.00 0.00	34.27 -0.10 0.00	31.58 -0.03 0.00	30.20 -0.09 0.00	31.02 -0.03 0.00	35.72 -0.07 0.00	45.75 -0.09 0.00	50.23 -0.05 0.00	49.18 -0.10 -0.01	50.16 -0.10 -0.45	50.80 -0.05 -0.01	52.19 -0.05 0.00	54.65 -0.11 -0.11	52.22 -0.16 -0.18	52.46 -0.05 -0.03	45.36 -0.18 -0.88	43.50 -0.21 -0.87	46.75 -0.32 -1.41	52.30 -0.31 -1.74	62.79 -0.12 -1.78	67.17 -0.26 -1.54	54.45 -0.38 -0.51	48.39 -0.44 -0.39	39.53 -0.28 0.00
PUCKETT___SOLAR 323809	38.36 1.08 0.00	35.27 0.89 0.00	32.53 0.92 0.00	31.14 0.85 0.00	31.95 0.90 0.00	36.83 1.04 0.00	47.54 1.70 0.00	52.09 1.81 0.00	50.90 1.62 -0.01	51.42 1.59 -0.01	52.47 1.63 -0.01	53.82 1.57 -0.01	56.13 1.48 -0.01	54.47 1.56 -0.71	54.24 1.63 -0.14	51.52 1.47 -5.38	49.48 1.33 -5.30	53.14 1.55 -5.92	55.35 1.42 -3.07	64.20 2.08 -0.99	68.66 1.91 -0.85	55.91 1.30 -0.28	49.72 1.06 -0.22	40.68 0.87 0.00
PYRITES___HYD 24023	36.24 -1.04 0.00	33.55 -0.83 0.00	30.85 -0.76 0.00	29.63 -0.67 0.00	30.43 -0.62 0.00	35.18 -0.61 0.00	45.29 -0.55 0.00	49.98 -0.30 0.00	49.16 -0.39 -0.29	62.05 -0.25 -12.49	50.78 -0.36 -0.29	51.62 -0.63 0.00	56.88 -0.82 -3.06	51.40 -0.84 -0.03	51.28 -1.21 -0.01	43.81 -1.07 -0.22	42.25 -0.81 -0.21	45.60 -0.46 -0.39	50.65 -0.66 -0.44	60.60 -1.04 -0.51	65.68 -0.66 -0.44	54.36 -0.11 -0.14	48.35 -0.19 -0.11	39.53 -0.28 0.00
QUAKERRD_115KV_BK1 80622	35.86 -1.42 0.00	32.76 -1.62 0.00	30.19 -1.42 0.00	28.90 -1.39 0.00	29.65 -1.40 0.00	34.00 -1.79 0.00	43.32 -2.52 0.00	47.92 -2.36 0.00	46.70 -2.56 0.00	47.02 -2.99 -0.20	47.89 -2.95 0.00	49.16 -3.08 0.01	51.19 -3.50 -0.04	48.59 -3.71 -0.10	49.08 -3.41 -0.01	42.28 -3.04 -0.66	40.54 -2.96 -0.65	42.25 -3.29 0.13	47.82 -3.46 -0.41	57.76 -3.36 0.00	62.40 -3.49 0.00	51.39 -2.93 0.00	45.57 -2.86 0.00	37.66 -2.15 0.00
QUENSBRY_115KV_TB8 356137	39.85 2.57 0.00	36.78 2.41 0.00	33.86 2.24 0.00	32.39 2.09 0.00	33.13 2.08 0.00	38.33 2.54 0.00	49.23 3.39 0.00	53.85 3.57 0.00	52.91 3.65 0.00	53.50 3.69 0.00	54.82 3.97 -0.01	56.72 4.18 -0.29	59.87 4.43 -0.79	60.27 4.18 -3.89	56.87 3.99 -0.41	61.51 3.26 -13.59	59.19 2.96 -13.39	61.07 3.15 -12.25	61.00 3.36 -6.78	65.23 4.10 0.00	69.59 3.69 0.00	57.64 3.31 0.00	51.59 3.15 0.00	42.44 2.63 0.00
RAMAPO___LBMP 323565	39.63 2.35 0.00	36.54 2.17 0.00	33.76 2.15 0.00	32.39 2.09 0.00	33.10 2.05 0.00	38.18 2.40 0.00	49.14 3.30 0.00	54.01 3.72 0.00	53.16 3.89 0.00	54.00 4.18 0.00	55.11 4.27 0.00	56.69 4.44 0.00	59.51 4.86 0.00	58.54 4.54 -1.80	57.64 4.83 -0.34	60.01 3.66 -11.69	57.92 3.56 -11.51	60.10 3.84 -10.59	60.83 4.27 -5.70	66.39 5.26 0.00	70.58 4.68 0.00	57.58 3.26 0.00	51.29 2.86 0.00	42.00 2.19 0.00

RANKINE_____	35.75	32.24	29.94	28.63	29.31	33.32	42.22	46.61	45.46	46.00	46.86	48.10	50.19	47.62	48.13	41.61	39.63	41.80	46.60	56.11	61.35	50.20	44.46	37.14
23646	-1.53	-2.13	-1.68	-1.67	-1.74	-2.47	-3.62	-3.67	-3.79	-3.98	-3.97	-4.13	-4.48	-4.65	-4.36	-3.66	-3.81	-3.93	-4.63	-5.01	-4.55	-4.13	-3.97	-2.67
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	-0.18	0.01	0.02	-0.03	-0.07	-0.01	-0.61	-0.60	-0.06	-0.37	0.01	0.00	0.00	0.01	0.00
RAVENSWOOD_GT2_1	40.00	36.85	34.08	32.69	33.41	38.47	49.65	54.61	53.80	54.74	55.87	57.52	60.33	59.36	58.44	60.92	58.75	60.90	61.67	67.24	71.23	58.07	51.73	42.28
24244	2.72	2.48	2.47	2.39	2.36	2.68	3.80	4.32	4.53	4.93	5.03	5.28	5.68	5.32	5.61	4.33	4.16	4.43	4.98	6.11	5.34	3.75	3.29	2.47
	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	-1.84	-0.35	-11.93	-11.75	-10.80	-5.82	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT2_2	40.00	36.85	34.08	32.69	33.41	38.47	49.65	54.61	53.80	54.74	55.87	57.52	60.33	59.36	58.44	60.92	58.75	60.90	61.67	67.24	71.23	58.07	51.73	42.28
24245	2.72	2.48	2.47	2.39	2.36	2.68	3.80	4.32	4.53	4.93	5.03	5.28	5.68	5.32	5.61	4.33	4.16	4.43	4.98	6.11	5.34	3.75	3.29	2.47
	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	-1.84	-0.35	-11.93	-11.75	-10.80	-5.82	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT2_3	40.00	36.85	34.08	32.72	33.44	38.51	49.69	54.61	53.85	54.74	55.87	57.52	60.38	59.36	58.49	60.92	58.75	60.94	61.67	67.24	71.30	58.13	51.73	42.32
24246	2.72	2.48	2.47	2.42	2.39	2.72	3.85	4.32	4.58	4.93	5.03	5.28	5.74	5.32	5.67	4.33	4.16	4.48	4.98	6.11	5.40	3.80	3.29	2.51
	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	-1.84	-0.35	-11.93	-11.75	-10.80	-5.82	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT2_4	40.00	36.85	34.08	32.72	33.44	38.51	49.69	54.61	53.85	54.74	55.87	57.52	60.38	59.36	58.49	60.92	58.75	60.94	61.67	67.24	71.30	58.13	51.73	42.32
24247	2.72	2.48	2.47	2.42	2.39	2.72	3.85	4.32	4.58	4.93	5.03	5.28	5.74	5.32	5.67	4.33	4.16	4.48	4.98	6.11	5.40	3.80	3.29	2.51
	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	-1.84	-0.35	-11.93	-11.75	-10.80	-5.82	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT3_1	40.00	36.85	34.08	32.72	33.44	38.51	49.69	54.61	53.85	54.74	55.87	57.52	60.38	59.36	58.49	60.92	58.75	60.94	61.67	67.24	71.30	58.13	51.73	42.32
24248	2.72	2.48	2.47	2.42	2.39	2.72	3.85	4.32	4.58	4.93	5.03	5.28	5.74	5.32	5.67	4.33	4.16	4.48	4.98	6.11	5.40	3.80	3.29	2.51
	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	-1.84	-0.35	-11.93	-11.75	-10.80	-5.82	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT3_2	40.00	36.85	34.08	32.72	33.44	38.51	49.69	54.61	53.85	54.74	55.87	57.52	60.38	59.36	58.49	60.92	58.75	60.94	61.67	67.24	71.30	58.13	51.73	42.32
24249	2.72	2.48	2.47	2.42	2.39	2.72	3.85	4.32	4.58	4.93	5.03	5.28	5.74	5.32	5.67	4.33	4.16	4.48	4.98	6.11	5.40	3.80	3.29	2.51
	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	-1.84	-0.35	-11.93	-11.75	-10.80	-5.82	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT3_3	40.04	36.88	34.11	32.75	33.47	38.54	49.74	54.71	53.90	54.84	55.98	57.63	60.49	59.46	58.54	61.01	58.84	60.99	61.77	67.37	71.43	58.18	51.83	42.36
24250	2.76	2.51	2.50	2.45	2.42	2.76	3.90	4.43	4.63	5.03	5.14	5.38	5.85	5.43	5.72	4.42	4.24	4.52	5.09	6.24	5.54	3.86	3.39	2.55
	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	-1.84	-0.35	-11.93	-11.75	-10.80	-5.82	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT3_4	40.04	36.88	34.11	32.75	33.47	38.54	49.74	54.71	53.90	54.84	55.98	57.63	60.49	59.46	58.54	61.01	58.84	60.99	61.77	67.37	71.43	58.18	51.83	42.36
24251	2.76	2.51	2.50	2.45	2.42	2.76	3.90	4.43	4.63	5.03	5.14	5.38	5.85	5.43	5.72	4.42	4.24	4.52	5.09	6.24	5.54	3.86	3.39	2.55
	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	-1.84	-0.35	-11.93	-11.75	-10.80	-5.82	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT_1	40.00	36.89	34.17	32.78	33.51	38.47	49.69	54.66	53.90	54.84	55.98	57.63	60.44	59.36	58.49	60.92	58.80	60.94	61.73	67.31	71.24	58.07	51.68	42.28
23729	2.72	2.51	2.56	2.48	2.45	2.68	3.85	4.37	4.63	5.03	5.14	5.38	5.79	5.32	5.67	4.33	4.20	4.48	5.04	6.17	5.34	3.75	3.25	2.47
	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	-1.84	-0.35	-11.93	-11.75	-10.80	-5.83	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT_10	40.00	36.85	34.08	32.69	33.41	38.51	49.65	54.61	53.80	54.74	55.87	57.52	60.33	59.36	58.44	60.92	58.75	60.90	61.67	67.24	71.30	58.07	51.73	42.28
24258	2.72	2.48	2.47	2.39	2.36	2.72	3.80	4.32	4.53	4.93	5.03	5.28	5.68	5.32	5.61	4.33	4.16	4.43	4.98	6.11	5.40	3.75	3.29	2.47
	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	-1.84	-0.35	-11.93	-11.75	-10.80	-5.82	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT_11	40.00	36.85	34.08	32.69	33.41	38.51	49.65	54.61	53.80	54.74	55.87	57.52	60.33	59.36	58.44	60.92	58.75	60.90	61.67	67.24	71.30	58.07	51.73	42.28
24259	2.72	2.48	2.47	2.39	2.36	2.72	3.80	4.32	4.53	4.93	5.03	5.28	5.68	5.32	5.61	4.33	4.16	4.43	4.98	6.11	5.40	3.75	3.29	2.47
	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	-1.84	-0.35	-11.93	-11.75	-10.80	-5.82	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT_4	40.00	36.85	34.11	32.72	33.44	38.47	49.65	54.61	53.80	54.74	55.87	57.52	60.38	59.36	58.44	60.92	58.75	60.90	61.67	67.24	71.23	58.07	51.68	42.28
24252	2.72	2.48	2.50	2.42	2.39	2.68	3.80	4.32	4.53	4.93	5.03	5.28	5.74	5.32	5.61	4.33	4.16	4.43	4.98	6.11	5.34	3.75	3.25	2.47
	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	-1.84	-0.35	-11.93	-11.75	-10.80	-5.82	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT_5	40.00	36.85	34.11	32.72	33.44	38.47	49.65	54.61	53.80	54.74	55.87	57.52	60.38	59.36	58.44	60.92	58.75	60.90	61.67	67.24	71.23	58.07	51.68	42.28
24254	2.72	2.48	2.50	2.42	2.39	2.68	3.80	4.32	4.53	4.93	5.03	5.28	5.74	5.32	5.61	4.33	4.16	4.43	4.98	6.11	5.34	3.75	3.25	2.47
	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	-1.84	-0.35	-11.93	-11.75	-10.80	-5.82	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT_6	40.00	36.85	34.11	32.72	33.44	38.47	49.65	54.61	53.80	54.74	55.87	57.52	60.38	59.36	58.44	60.92	58.75	60.90	61.67	67.24	71.23	58.07	51.68	42.28
24253	2.72	2.48	2.50	2.42	2.39	2.68	3.80	4.32	4.53	4.93	5.03	5.28	5.74	5.32	5.61	4.33	4.16	4.43	4.98	6.11	5.34	3.75	3.25	2.47
	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	-1.84	-0.35	-11.93	-11.75	-10.80	-5.82	0.00	0.00	0.00	0.00	0.00

RAVENSWOOD_GT_7 24255	40.00 2.72 0.00	36.85 2.48 0.00	34.11 2.50 0.00	32.72 2.42 0.00	33.44 2.39 0.00	38.47 2.68 0.00	49.65 3.80 0.00	54.61 4.32 0.00	53.80 4.53 0.00	54.74 4.93 0.00	55.87 5.03 0.00	57.52 5.28 0.00	60.38 5.74 0.00	59.36 5.32 -1.84	58.44 5.61 -0.35	60.92 4.33 -11.93	58.75 4.16 -11.75	60.90 4.43 -10.80	61.67 4.98 -5.82	67.24 6.11 0.00	71.23 5.34 0.00	58.07 3.75 0.00	51.68 3.25 0.00	42.28 2.47 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	40.00 2.72 0.00	36.85 2.48 0.00	34.08 2.47 0.00	32.69 2.39 0.00	33.41 2.36 0.00	38.51 2.72 0.00	49.65 3.80 0.00	54.61 4.32 0.00	53.80 4.53 0.00	54.74 4.93 0.00	55.87 5.03 0.00	57.52 5.28 0.00	60.33 5.68 0.00	59.36 5.32 -1.84	58.44 5.61 -0.35	60.92 4.33 -11.93	58.75 4.16 -11.75	60.90 4.43 -10.80	61.67 4.98 -5.82	67.24 6.11 0.00	71.30 5.40 0.00	58.07 3.75 0.00	51.73 3.29 0.00	42.28 2.47 0.00
RAVENSWOOD_GT_9 24257	40.00 2.72 0.00	36.85 2.48 0.00	34.08 2.47 0.00	32.69 2.39 0.00	33.41 2.36 0.00	38.51 2.72 0.00	49.65 3.80 0.00	54.61 4.32 0.00	53.80 4.53 0.00	54.74 4.93 0.00	55.87 5.03 0.00	57.52 5.28 0.00	60.33 5.68 0.00	59.36 5.32 -1.84	58.44 5.61 -0.35	60.92 4.33 -11.93	58.75 4.16 -11.75	60.90 4.43 -10.80	61.67 4.98 -5.82	67.24 6.11 0.00	71.30 5.40 0.00	58.07 3.75 0.00	51.73 3.29 0.00	42.28 2.47 0.00
RAVENSWOOD____1 23533	40.00 2.72 0.00	36.85 2.48 0.00	34.14 2.53 0.00	32.78 2.48 0.00	33.50 2.45 0.00	38.47 2.69 0.00	49.55 3.71 0.00	54.66 4.37 0.00	53.85 4.58 0.00	54.79 4.98 0.00	55.97 5.13 0.00	57.58 5.33 0.00	60.33 5.68 0.00	59.36 5.33 -1.84	58.44 5.62 -0.34	60.97 4.38 -11.93	58.80 4.20 -11.75	60.94 4.48 -10.80	61.70 4.99 -5.85	67.12 5.99 0.00	71.17 5.27 0.00	58.07 3.75 0.00	51.68 3.25 0.00	42.16 2.35 0.00
RAVENSWOOD____2 23534	39.97 2.69 0.00	36.85 2.48 0.00	34.14 2.53 0.00	32.78 2.48 0.00	33.48 2.42 0.00	38.43 2.65 0.00	49.55 3.71 0.00	54.61 4.33 0.00	53.85 4.58 0.00	54.79 4.98 0.00	55.97 5.13 0.00	57.58 5.33 0.00	60.28 5.63 0.00	59.36 5.33 -1.84	58.44 5.62 -0.34	60.97 4.38 -11.93	58.80 4.20 -11.75	60.94 4.48 -10.80	61.70 4.99 -5.85	67.12 5.99 0.00	71.17 5.27 0.00	58.07 3.75 0.00	51.68 3.25 0.00	42.16 2.35 0.00
RAVENSWOOD____3 23535	40.00 2.72 0.00	36.85 2.48 0.00	34.08 2.47 0.00	32.72 2.42 0.00	33.44 2.39 0.00	38.51 2.72 0.00	49.60 3.76 0.00	54.61 4.33 0.00	53.80 4.53 0.00	54.74 4.93 0.00	55.93 5.08 0.00	57.52 5.27 0.00	60.28 5.63 0.00	59.36 5.33 -1.84	58.44 5.62 -0.34	60.97 4.38 -11.93	58.80 4.20 -11.75	60.94 4.48 -10.80	61.70 4.99 -5.85	67.12 5.99 0.00	71.30 5.40 0.00	58.13 3.80 0.00	51.73 3.30 0.00	42.20 2.39 0.00
RAVENSWOOD____4 23820	39.97 2.69 0.00	36.85 2.48 0.00	34.14 2.53 0.00	32.75 2.45 0.00	33.47 2.42 0.00	38.43 2.65 0.00	49.55 3.71 0.00	54.61 4.33 0.00	53.80 4.53 0.00	54.79 4.98 0.00	55.97 5.13 0.00	57.58 5.33 0.00	60.28 5.63 0.00	59.36 5.33 -1.84	58.38 5.56 -0.34	60.92 4.33 -11.93	58.80 4.20 -11.75	60.89 4.43 -10.80	61.70 4.99 -5.85	67.12 5.99 0.00	71.17 5.27 0.00	58.07 3.75 0.00	51.63 3.20 0.00	42.16 2.35 0.00
RCPL_TRUST____DRP 24196	40.08 2.80 0.00	36.92 2.54 0.00	34.14 2.53 0.00	32.75 2.45 0.00	33.47 2.42 0.00	38.58 2.79 0.00	49.78 3.94 0.00	54.76 4.48 0.00	54.00 4.73 0.00	54.94 5.13 0.00	56.08 5.24 0.00	57.73 5.49 0.00	60.55 5.90 0.00	59.51 5.48 -1.84	58.65 5.82 -0.35	61.05 4.47 -11.93	58.92 4.33 -11.75	61.08 4.61 -10.80	61.83 5.14 -5.82	67.43 6.30 0.00	71.50 5.60 0.00	58.24 3.91 0.00	51.83 3.39 0.00	42.40 2.59 0.00
RED____ROCHESTER 323720	36.80 -0.49 0.00	33.55 -0.83 0.00	30.92 -0.70 0.00	29.57 -0.73 0.00	30.34 -0.71 0.00	34.75 -1.04 0.00	44.56 -1.28 0.00	49.28 -1.01 0.00	47.98 -1.28 0.01	48.21 -1.79 -0.19	49.05 -1.78 0.01	50.41 -1.83 0.01	52.82 -1.86 -0.03	49.94 -2.35 -0.09	50.38 -2.10 0.00	43.07 -2.23 -0.64	41.30 -2.18 -0.63	43.40 -2.28 -0.01	48.99 -2.29 -0.41	59.54 -1.59 0.00	64.32 -1.58 0.00	52.80 -1.52 0.00	46.74 -1.70 0.00	38.58 -1.23 0.00
REGAN____SOLAR 323812	39.52 2.24 0.00	36.44 2.06 0.00	33.51 1.90 0.00	32.08 1.79 0.00	32.85 1.80 0.00	38.01 2.22 0.00	49.00 3.16 0.00	53.51 3.22 0.00	52.18 2.91 0.00	52.45 2.64 0.00	53.49 2.64 -0.01	55.20 2.77 -0.19	58.22 3.06 -0.52	58.50 2.92 -3.39	55.68 2.78 -0.43	61.79 2.68 -14.45	59.52 2.44 -14.23	61.63 2.83 -13.13	61.17 3.05 -7.25	65.16 4.03 0.00	69.65 3.75 0.00	57.36 3.04 0.00	51.29 2.86 0.00	42.00 2.19 0.00
RENSSELAER____COGEN 23796	38.25 0.97 0.00	35.34 0.96 0.00	32.62 1.01 0.00	31.24 0.94 0.00	31.98 0.93 0.00	36.86 1.07 0.00	47.12 1.28 0.00	51.59 1.31 0.00	50.55 1.28 0.00	51.10 1.29 0.00	52.18 1.37 0.04	52.80 1.57 1.01	53.52 1.64 2.76	49.90 1.67 3.97	54.49 1.63 -0.39	59.55 1.43 -13.45	57.47 1.37 -13.25	59.33 1.46 -12.20	59.09 1.58 -6.65	62.96 1.83 0.00	67.08 1.19 0.00	55.30 0.98 0.00	49.55 1.11 0.00	40.68 0.87 0.00
REPUBLIC_115KV_BARTNBRK 55605	40.90 3.62 0.00	37.78 3.40 0.00	34.68 3.07 0.00	33.17 2.88 0.00	33.88 2.83 0.00	39.33 3.54 0.00	50.61 4.77 0.00	55.16 4.88 0.00	54.20 4.93 0.00	54.74 4.93 0.00	56.04 5.19 -0.01	57.87 5.33 -0.30	61.08 5.63 -0.80	61.44 5.32 -3.92	57.82 4.93 -0.41	62.45 4.20 -13.59	60.05 3.81 -13.38	62.07 4.16 -12.24	62.22 4.58 -6.78	66.88 5.75 0.00	71.37 5.47 0.00	59.10 4.78 0.00	52.84 4.41 0.00	43.43 3.62 0.00
REVERE_CPPR_DRP 24186	38.33 1.04 0.00	35.27 0.89 0.00	32.53 0.92 0.00	31.08 0.79 0.00	31.98 0.93 0.00	36.93 1.15 0.00	47.49 1.65 0.00	52.30 2.01 0.00	51.12 1.82 -0.03	52.95 1.79 -1.35	52.80 1.93 -0.03	53.97 1.72 0.00	56.72 1.75 -0.33	54.13 1.83 -0.11	54.33 1.84 -0.02	46.83 1.47 -0.69	44.69 1.16 -0.68	48.16 1.51 -0.98	53.32 1.48 -0.98	64.42 2.32 -0.97	68.84 2.11 -0.84	56.45 1.85 -0.28	50.25 1.60 -0.21	41.00 1.19 0.00
REYNLDDPA_13_KV_LD 356490	36.61 -0.67 0.00	33.89 -0.48 0.00	31.30 -0.32 0.00	30.05 -0.24 0.00	30.80 -0.25 0.00	35.50 -0.29 0.00	45.52 -0.32 0.00	50.13 -0.15 0.00	49.19 -0.05 0.03	48.61 0.05 1.25	50.76 -0.05 0.03	52.14 -0.10 0.00	53.79 -0.55 0.31	51.89 -0.31 0.00	51.90 -0.58 0.00	44.53 -0.13 0.00	42.81 -0.04 0.00	45.71 0.05 0.00	50.76 -0.10 0.00	59.97 -1.16 0.00	65.24 -0.66 0.00	54.49 0.16 0.00	48.49 0.05 0.00	39.77 -0.04 0.00
REYNOLDS_115KV_TB3 80639	38.59 1.30 0.00	35.65 1.27 0.00	32.91 1.30 0.00	31.54 1.24 0.00	32.26 1.21 0.00	37.22 1.43 0.00	47.58 1.74 0.00	52.09 1.81 0.00	51.09 1.82 0.00	51.65 1.84 0.00	52.80 1.93 -0.02	55.04 2.14 -0.66	58.73 2.30 -1.78	60.46 2.24 -6.02	55.14 2.26 -0.40	60.02 1.88 -13.48	57.92 1.80 -13.28	59.80 1.92 -12.22	59.58 2.09 -6.63	63.58 2.45 0.00	67.68 1.78 0.00	55.74 1.41 0.00	49.94 1.50 0.00	41.08 1.27 0.00

RIVERBAY____ 323610	40.52 3.24 0.00	37.40 3.03 0.00	34.71 3.10 0.00	33.32 3.03 0.00	34.00 2.95 0.00	38.90 3.11 0.00	50.20 4.35 0.00	55.26 4.98 0.00	54.44 5.17 0.00	55.44 5.63 0.00	56.59 5.75 0.00	58.20 5.96 0.00	61.04 6.39 0.00	59.88 5.85 -1.84	59.02 6.19 -0.35	61.37 4.78 -11.93	59.22 4.63 -11.75	61.40 4.93 -10.80	62.23 5.54 -5.82	67.98 6.85 0.00	71.96 6.06 0.00	58.67 4.35 0.00	52.12 3.68 0.00	42.68 2.87 0.00
RIVERSDE_115KV_TB3 55908	38.47 1.19 0.00	35.54 1.17 0.00	32.81 1.20 0.00	31.42 1.12 0.00	32.14 1.09 0.00	37.07 1.29 0.00	47.45 1.60 0.00	51.94 1.66 0.00	50.94 1.68 0.00	51.55 1.74 0.00	52.64 1.78 -0.02	54.84 1.99 -0.61	58.50 2.19 -1.67	60.05 2.09 -5.77	54.92 2.05 -0.40	59.90 1.74 -13.50	57.73 1.59 -13.30	59.60 1.69 -12.24	59.34 1.83 -6.64	63.33 2.20 0.00	67.41 1.52 0.00	55.52 1.20 0.00	49.74 1.31 0.00	40.92 1.11 0.00
ROARING__BROOK_WT_PWR 323790	36.76 -0.52 0.00	33.96 -0.41 0.00	31.27 -0.35 0.00	29.99 -0.30 0.00	30.74 -0.31 0.00	35.43 -0.36 0.00	45.38 -0.46 0.00	49.78 -0.50 0.00	48.77 -0.49 0.00	49.12 -0.50 0.20	50.33 -0.51 0.00	51.67 -0.57 0.00	54.00 -0.60 0.05	51.62 -0.57 0.00	51.90 -0.58 0.00	44.17 -0.49 0.00	42.42 -0.43 0.00	45.21 -0.46 0.00	50.36 -0.51 0.00	60.46 -0.67 0.00	65.11 -0.79 0.00	53.67 -0.65 0.00	47.76 -0.68 0.00	39.13 -0.68 0.00
ROCHESRG_115KV_T4 355643	36.42 -0.86 0.00	33.17 -1.20 0.00	30.60 -1.01 0.00	29.30 -1.00 0.00	30.03 -1.02 0.00	34.39 -1.40 0.00	43.73 -2.11 0.00	48.47 -1.81 0.00	47.19 -2.07 0.01	47.36 -2.64 -0.19	48.29 -2.54 0.01	49.52 -2.72 0.01	51.57 -3.11 -0.04	48.84 -3.44 -0.09	49.44 -3.04 -0.01	42.53 -2.77 -0.64	40.82 -2.66 -0.63	42.69 -3.01 -0.03	48.21 -3.05 -0.40	58.37 -2.75 0.00	63.20 -2.70 0.00	52.04 -2.28 0.00	46.06 -2.37 0.00	38.14 -1.67 0.00
ROCHESTER_9_IC 23652	36.65 -0.63 0.00	33.38 -1.00 0.00	30.79 -0.82 0.00	29.48 -0.82 0.00	30.21 -0.84 0.00	34.61 -1.18 0.00	44.05 -1.79 0.00	48.98 -1.31 0.00	47.69 -1.58 0.01	47.91 -2.09 -0.19	48.80 -2.03 0.01	50.09 -2.14 0.01	52.17 -2.51 -0.04	49.42 -2.87 -0.09	49.97 -2.52 -0.01	42.98 -2.32 -0.64	41.25 -2.23 -0.63	43.12 -2.56 -0.01	48.67 -2.59 -0.40	58.92 -2.20 0.00	63.72 -2.17 0.00	52.53 -1.79 0.00	46.45 -1.99 0.00	38.46 -1.35 0.00
ROCKVIEW_13_KV_LD 356306	39.97 2.68 0.00	36.82 2.44 0.00	34.05 2.43 0.00	32.66 2.36 0.00	33.38 2.33 0.00	38.51 2.72 0.00	49.65 3.80 0.00	54.56 4.27 0.00	53.75 4.48 0.00	54.69 4.88 0.00	55.82 4.98 0.00	57.47 5.22 0.00	60.33 5.68 0.00	59.36 5.32 -1.84	58.44 5.61 -0.35	60.92 4.33 -11.93	58.75 4.16 -11.75	60.94 4.48 -10.80	61.67 4.98 -5.82	67.24 6.11 0.00	71.30 5.40 0.00	58.13 3.80 0.00	51.78 3.34 0.00	42.32 2.51 0.00
ROME____115KV_TB2 80656	38.33 1.04 0.00	35.27 0.89 0.00	32.53 0.92 0.00	31.08 0.79 0.00	31.98 0.93 0.00	36.93 1.15 0.00	47.49 1.65 0.00	52.30 2.01 0.00	51.12 1.82 -0.03	52.95 1.79 -1.35	52.80 1.93 -0.03	53.97 1.72 0.00	56.72 1.75 -0.33	54.13 1.83 -0.11	54.33 1.84 -0.02	46.83 1.47 -0.69	44.69 1.16 -0.68	48.16 1.51 -0.98	53.32 1.48 -0.98	64.42 2.32 -0.97	68.84 2.11 -0.84	56.45 1.85 -0.28	50.25 1.60 -0.21	41.00 1.19 0.00
ROSETON__1 23587	39.41 2.12 0.00	36.33 1.96 0.00	33.57 1.96 0.00	32.21 1.91 0.00	32.95 1.89 0.00	37.97 2.18 0.00	48.78 2.94 0.00	53.60 3.32 0.00	52.77 3.50 0.00	53.55 3.74 0.00	54.70 3.86 0.00	56.27 4.02 0.00	58.96 4.32 0.00	58.16 4.12 -1.84	57.23 4.41 -0.34	59.97 3.35 -11.95	57.88 3.25 -11.77	59.93 3.43 -10.83	60.54 3.82 -5.86	65.72 4.59 0.00	69.92 4.02 0.00	57.20 2.88 0.00	51.00 2.57 0.00	41.68 1.87 0.00
ROSETON__2 23588	39.41 2.12 0.00	36.33 1.96 0.00	33.57 1.96 0.00	32.21 1.91 0.00	32.95 1.89 0.00	37.97 2.18 0.00	48.78 2.94 0.00	53.60 3.32 0.00	52.77 3.50 0.00	53.55 3.74 0.00	54.70 3.86 0.00	56.27 4.02 0.00	58.96 4.32 0.00	58.16 4.12 -1.84	57.23 4.41 -0.34	59.97 3.35 -11.95	57.88 3.25 -11.77	59.93 3.43 -10.83	60.54 3.82 -5.86	65.72 4.59 0.00	69.92 4.02 0.00	57.20 2.88 0.00	51.00 2.57 0.00	41.68 1.87 0.00
ROTTDRAM_115KV_TB3 80664	38.55 1.27 0.00	35.58 1.20 0.00	32.78 1.17 0.00	31.39 1.09 0.00	32.14 1.09 0.00	37.07 1.29 0.00	47.54 1.70 0.00	52.04 1.76 0.00	51.04 1.77 0.00	51.60 1.79 0.00	52.68 1.83 -0.01	54.44 1.99 -0.20	57.33 2.13 -0.56	57.63 2.04 -3.39	54.93 2.05 -0.41	60.15 1.79 -13.71	58.02 1.67 -13.50	59.80 1.78 -12.35	59.69 1.98 -6.84	63.51 2.38 0.00	67.87 1.98 0.00	55.95 1.63 0.00	49.99 1.55 0.00	41.04 1.23 0.00
RUSSELL__1 23602	36.80 -0.48 0.00	33.52 -0.86 0.00	30.92 -0.70 0.00	29.57 -0.73 0.00	30.34 -0.71 0.00	34.75 -1.04 0.00	44.28 -1.56 0.00	49.28 -1.01 0.00	47.98 -1.28 0.01	48.21 -1.79 -0.19	49.11 -1.73 0.01	50.41 -1.83 0.01	52.50 -2.19 -0.04	49.73 -2.56 -0.09	50.28 -2.20 -0.01	43.25 -2.05 -0.64	41.47 -2.01 -0.63	43.35 -2.33 -0.01	48.92 -2.34 -0.40	59.29 -1.83 0.00	64.12 -1.78 0.00	52.80 -1.52 0.00	46.69 -1.74 0.00	38.62 -1.19 0.00
RUSSELL__2 23532	36.80 -0.48 0.00	33.52 -0.86 0.00	30.92 -0.70 0.00	29.57 -0.73 0.00	30.34 -0.71 0.00	34.75 -1.04 0.00	44.28 -1.56 0.00	49.28 -1.01 0.00	47.98 -1.28 0.01	48.21 -1.79 -0.19	49.11 -1.73 0.01	50.41 -1.83 0.01	52.50 -2.19 -0.04	49.73 -2.56 -0.09	50.28 -2.20 -0.01	43.25 -2.05 -0.64	41.47 -2.01 -0.63	43.35 -2.33 -0.01	48.92 -2.34 -0.40	59.29 -1.83 0.00	64.12 -1.78 0.00	52.80 -1.52 0.00	46.69 -1.74 0.00	38.62 -1.19 0.00
RUSSELL__3 23549	36.80 -0.48 0.00	33.52 -0.86 0.00	30.92 -0.70 0.00	29.57 -0.73 0.00	30.34 -0.71 0.00	34.75 -1.04 0.00	44.28 -1.56 0.00	49.28 -1.01 0.00	47.98 -1.28 0.01	48.21 -1.79 -0.19	49.11 -1.73 0.01	50.41 -1.83 0.01	52.50 -2.19 -0.04	49.73 -2.56 -0.09	50.28 -2.20 -0.01	43.25 -2.05 -0.64	41.47 -2.01 -0.63	43.35 -2.33 -0.01	48.92 -2.34 -0.40	59.29 -1.83 0.00	64.12 -1.78 0.00	52.80 -1.52 0.00	46.69 -1.74 0.00	38.62 -1.19 0.00
RUSSELL__4 23556	36.80 -0.48 0.00	33.52 -0.86 0.00	30.92 -0.70 0.00	29.57 -0.73 0.00	30.34 -0.71 0.00	34.75 -1.04 0.00	44.28 -1.56 0.00	49.28 -1.01 0.00	47.98 -1.28 0.01	48.21 -1.79 -0.19	49.11 -1.73 0.01	50.41 -1.83 0.01	52.50 -2.19 -0.04	49.73 -2.56 -0.09	50.28 -2.20 -0.01	43.25 -2.05 -0.64	41.47 -2.01 -0.63	43.35 -2.33 -0.01	48.92 -2.34 -0.40	59.29 -1.83 0.00	64.12 -1.78 0.00	52.80 -1.52 0.00	46.69 -1.74 0.00	38.62 -1.19 0.00
RUSSELL__STATION 23914	36.80 -0.48 0.00	33.52 -0.86 0.00	30.92 -0.70 0.00	29.57 -0.73 0.00	30.34 -0.71 0.00	34.75 -1.04 0.00	44.28 -1.56 0.00	49.28 -1.01 0.00	47.98 -1.28 0.01	48.21 -1.79 -0.19	49.11 -1.73 0.01	50.41 -1.83 0.01	52.50 -2.19 -0.04	49.73 -2.56 -0.09	50.28 -2.20 -0.01	43.25 -2.05 -0.64	41.47 -2.01 -0.63	43.35 -2.33 -0.01	48.92 -2.34 -0.40	59.29 -1.83 0.00	64.12 -1.78 0.00	52.80 -1.52 0.00	46.69 -1.74 0.00	38.62 -1.19 0.00

S SALMON___HYD 24043	37.06 -0.22 0.00	34.10 -0.28 0.00	31.42 -0.19 0.00	30.05 -0.24 0.00	30.90 -0.15 0.00	35.50 -0.29 0.00	45.52 -0.32 0.00	49.98 -0.30 0.00	48.81 -0.49 -0.03	50.59 -0.55 -1.33	50.46 -0.41 -0.03	51.67 -0.57 0.00	54.32 -0.65 -0.32	51.72 -0.62 -0.15	51.93 -0.58 -0.03	44.72 -0.67 -0.72	42.71 -0.86 -0.71	46.75 -0.73 -1.81	52.76 -0.82 -2.71	64.03 -0.49 -3.39	68.03 -0.79 -2.92	54.80 -0.49 -0.96	48.74 -0.44 -0.74	39.53 -0.28 0.00
S.PERRY___115KV_TB1 80734	37.62 0.34 0.00	34.20 -0.17 0.00	31.58 -0.03 0.00	30.17 -0.12 0.00	30.99 -0.06 0.00	35.50 -0.29 0.00	45.34 -0.50 0.00	50.28 0.00 0.00	48.81 -0.44 0.02	48.88 -1.10 -0.17	49.50 -1.32 0.02	50.55 -1.67 0.02	52.59 -2.08 -0.02	49.89 -2.30 0.01	50.52 -1.94 0.01	43.45 -1.74 -0.53	41.78 -1.59 -0.52	44.28 -1.46 -0.08	50.13 -1.12 -0.38	60.88 -0.24 0.01	66.09 0.20 0.00	54.16 -0.16 0.00	47.75 -0.68 0.01	39.49 -0.32 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	35.57 -1.71 0.00	32.07 -2.30 0.00	29.75 -1.87 0.00	28.48 -1.82 0.00	29.13 -1.93 0.00	33.14 -2.65 0.00	41.90 -3.94 0.00	46.41 -3.87 0.00	45.07 -4.19 0.01	45.30 -4.68 -0.17	46.20 -4.63 0.01	47.42 -4.81 0.02	49.37 -5.30 -0.02	46.73 -5.53 -0.07	47.33 -5.14 0.00	40.89 -4.38 -0.60	39.07 -4.37 -0.59	41.07 -4.66 -0.06	46.05 -5.19 -0.37	55.62 -5.50 0.01	60.76 -5.14 0.00	49.87 -4.45 0.00	44.17 -4.26 0.01	36.90 -2.91 0.00
SAWYER___23_KV_LOAD 55526	35.57 -1.71 0.00	32.07 -2.30 0.00	29.75 -1.87 0.00	28.48 -1.82 0.00	29.13 -1.93 0.00	33.14 -2.65 0.00	41.90 -3.94 0.00	46.41 -3.87 0.00	45.07 -4.19 0.01	45.30 -4.68 -0.17	46.20 -4.63 0.01	47.42 -4.81 0.02	49.37 -5.30 -0.02	46.73 -5.53 -0.07	47.33 -5.14 0.00	40.89 -4.38 -0.60	39.07 -4.37 -0.59	41.07 -4.66 -0.06	46.05 -5.19 -0.37	55.62 -5.50 0.01	60.76 -5.14 0.00	49.87 -4.45 0.00	44.17 -4.26 0.01	36.90 -2.91 0.00
SELKIRK___I 23801	38.59 1.30 0.00	35.65 1.27 0.00	32.84 1.23 0.00	31.48 1.18 0.00	32.20 1.15 0.00	37.11 1.32 0.00	47.45 1.60 0.00	51.99 1.71 0.00	50.94 1.68 0.00	51.51 1.69 0.00	52.55 1.73 0.02	53.60 1.93 0.58	55.09 2.02 1.58	52.84 2.03 1.39	54.81 1.94 -0.39	59.70 1.70 -13.34	57.62 1.63 -13.14	59.50 1.73 -12.10	59.34 1.88 -6.59	63.39 2.26 0.00	67.74 1.84 0.00	55.79 1.47 0.00	49.99 1.55 0.00	41.04 1.24 0.00
SELKIRK___II 23799	38.32 1.04 0.00	35.37 1.00 0.00	32.62 1.01 0.00	31.26 0.97 0.00	31.98 0.93 0.00	36.90 1.11 0.00	47.17 1.33 0.00	51.69 1.41 0.00	50.65 1.38 0.00	51.26 1.45 0.00	52.29 1.48 0.02	53.22 1.62 0.65	54.62 1.75 1.77	52.11 1.72 1.81	54.60 1.73 -0.39	59.58 1.52 -13.40	57.50 1.46 -13.20	59.32 1.50 -12.15	59.16 1.68 -6.62	63.09 1.96 0.00	67.35 1.45 0.00	55.47 1.14 0.00	49.65 1.21 0.00	40.76 0.95 0.00
SENECA OSWGO___HYD 24041	36.72 -0.56 0.00	33.79 -0.58 0.00	31.14 -0.47 0.00	29.78 -0.52 0.00	30.59 -0.46 0.00	35.21 -0.57 0.00	45.16 -0.69 0.00	49.48 -0.81 0.00	48.44 -0.84 -0.01	49.41 -0.90 -0.49	49.94 -0.91 -0.01	51.31 -0.94 0.00	53.78 -0.98 -0.12	51.31 -1.04 -0.16	51.56 -0.94 -0.03	44.51 -0.94 -0.79	42.68 -0.94 -0.78	47.01 -1.05 -2.39	53.49 -1.07 -3.70	64.97 -0.98 -4.82	68.80 -1.25 -4.16	54.55 -1.14 -1.37	48.38 -1.11 -1.06	39.01 -0.80 0.00
SENECA___115KV_TB3 355854	35.79 -1.49 0.00	32.28 -2.10 0.00	29.97 -1.65 0.00	28.66 -1.64 0.00	29.34 -1.71 0.00	33.35 -2.43 0.00	42.72 -3.12 0.00	46.66 -3.62 0.00	45.51 -3.75 0.01	45.95 -4.03 -0.18	46.86 -3.97 0.01	48.10 -4.13 0.02	50.02 -4.65 -0.02	47.78 -4.49 -0.07	48.06 -4.41 0.00	41.61 -3.66 -0.61	39.72 -3.73 -0.60	41.93 -3.79 -0.06	46.58 -4.68 -0.39	56.47 -4.65 0.01	61.75 -4.15 0.00	50.19 -4.13 0.00	44.55 -3.88 0.01	37.06 -2.75 0.00
SENECA___ENERGY 23797	37.17 -0.11 0.00	34.07 -0.31 0.00	31.39 -0.22 0.00	30.02 -0.27 0.00	30.84 -0.22 0.00	35.50 -0.29 0.00	45.61 -0.23 0.00	49.98 -0.30 0.00	48.93 -0.34 0.00	49.54 -0.55 -0.28	50.24 -0.61 0.00	51.56 -0.68 0.01	53.89 -0.82 -0.06	51.55 -0.84 -0.19	51.77 -0.73 -0.03	44.74 -0.80 -0.88	42.94 -0.77 -0.86	47.23 -0.78 -2.34	51.94 -0.71 -1.79	62.61 -0.36 -1.85	67.10 -0.39 -1.60	54.20 -0.65 -0.53	48.06 -0.78 -0.40	39.29 -0.52 0.00
SHOEMAKER___GT 23640	39.29 2.01 0.00	36.20 1.82 0.00	33.45 1.83 0.00	32.05 1.76 0.00	32.79 1.74 0.00	37.83 2.04 0.00	48.55 2.70 0.00	53.40 3.12 0.00	52.52 3.25 0.00	53.25 3.43 0.00	54.35 3.51 0.00	55.90 3.66 0.00	58.58 3.94 0.00	57.70 3.76 -1.75	56.79 3.99 -0.33	59.07 3.04 -11.37	57.01 2.95 -11.20	59.14 3.15 -10.32	59.94 3.46 -5.62	65.35 4.21 0.00	69.72 3.82 0.00	56.99 2.66 0.00	50.81 2.37 0.00	41.56 1.75 0.00
SHOEMAKR_138KV_BK 111 55601	39.29 2.01 0.00	36.20 1.82 0.00	33.45 1.83 0.00	32.08 1.79 0.00	32.82 1.77 0.00	37.83 2.04 0.00	48.64 2.80 0.00	53.40 3.12 0.00	52.52 3.25 0.00	53.30 3.49 0.00	54.40 3.56 0.00	55.96 3.71 0.00	58.69 4.04 0.00	57.75 3.81 -1.74	56.85 4.04 -0.33	59.04 3.04 -11.34	56.97 2.96 -11.17	59.15 3.20 -10.29	59.94 3.51 -5.57	65.47 4.34 0.00	69.79 3.89 0.00	56.99 2.66 0.00	50.81 2.37 0.00	41.64 1.83 0.00
SHOREHAM_IC_1 23715	42.08 3.80 -0.99	37.79 3.40 -0.01	34.91 3.29 -0.01	33.51 3.21 -0.01	34.29 3.23 -0.01	39.55 3.76 -0.01	50.85 5.00 -0.01	55.87 5.58 -0.01	54.74 5.47 0.00	55.44 5.63 0.00	56.43 5.59 0.00	58.05 5.80 -0.01	60.83 6.17 -0.01	59.99 5.95 -1.85	59.07 6.24 -0.35	61.64 5.05 -11.94	60.23 4.93 -12.45	62.23 5.25 -11.31	67.30 5.95 -10.49	74.85 7.39 -6.33	72.96 6.98 -0.08	59.28 4.94 -0.01	53.05 4.60 -0.01	43.20 3.38 -0.01
SHOREHAM_IC_2 23716	42.08 3.80 -0.99	37.79 3.40 -0.01	34.91 3.29 -0.01	33.51 3.21 -0.01	34.29 3.23 -0.01	39.55 3.76 -0.01	50.85 5.00 -0.01	55.87 5.58 -0.01	54.74 5.47 0.00	55.44 5.63 0.00	56.43 5.59 0.00	58.05 5.80 -0.01	60.83 6.17 -0.01	59.99 5.95 -1.85	59.07 6.24 -0.35	61.64 5.05 -11.94	60.23 4.93 -12.45	62.23 5.25 -11.31	67.30 5.95 -10.49	74.85 7.39 -6.33	72.96 6.98 -0.08	59.28 4.94 -0.01	53.05 4.60 -0.01	43.20 3.38 -0.01
SISSONVILLE____ 23735	35.60 -1.68 0.00	32.97 -1.41 0.00	30.28 -1.33 0.00	29.05 -1.24 0.00	29.84 -1.21 0.00	34.46 -1.32 0.00	44.33 -1.51 0.00	48.88 -1.41 0.00	48.37 -1.18 -0.28	61.16 -0.75 -12.10	50.36 -0.76 -0.28	51.25 -0.99 0.00	56.46 -1.15 -2.96	50.93 -1.30 -0.04	50.75 -1.73 -0.01	43.29 -1.61 -0.23	41.62 -1.46 -0.23	44.81 -1.28 -0.42	49.72 -1.63 -0.48	59.36 -2.32 -0.56	64.33 -2.04 -0.48	53.23 -1.25 -0.16	47.35 -1.21 -0.12	38.81 -1.00 0.00
SITHE_IND_GS1 24169	36.39 -0.90 0.00	33.52 -0.86 0.00	30.85 -0.76 0.00	29.54 -0.76 0.00	30.31 -0.75 0.00	34.89 -0.89 0.00	44.70 -1.14 0.00	48.88 -1.41 0.00	47.79 -1.48 0.00	48.27 -1.54 0.00	49.27 -1.58 0.00	50.63 -1.62 0.00	52.95 -1.69 0.00	50.59 -1.72 -0.12	50.87 -1.63 -0.02	43.70 -1.52 -0.56	41.94 -1.46 -0.55	39.20 -1.60 4.87	40.10 -1.73 9.03	45.02 -1.83 14.28	51.46 -2.11 12.33	48.42 -1.85 4.06	43.61 -1.70 3.13	38.62 -1.19 0.00

SITHE_IND_GS2 24170	36.39 -0.90 0.00	33.52 -0.86 0.00	30.85 -0.76 0.00	29.54 -0.76 0.00	30.31 -0.75 0.00	34.89 -0.89 0.00	44.70 -1.14 0.00	48.88 -1.41 0.00	47.79 -1.48 0.00	48.27 -1.54 0.00	49.27 -1.58 0.00	50.63 -1.62 0.00	52.95 -1.69 0.00	50.59 -1.72 -0.12	50.87 -1.63 -0.02	43.70 -1.52 -0.56	41.94 -1.46 -0.55	39.20 -1.60 4.87	40.10 -1.73 9.03	45.02 -1.83 14.28	51.46 -2.11 12.33	48.42 -1.85 4.06	43.61 -1.70 3.13	38.62 -1.19 0.00
SITHE_IND_GS3 24171	36.39 -0.90 0.00	33.52 -0.86 0.00	30.85 -0.76 0.00	29.54 -0.76 0.00	30.31 -0.75 0.00	34.89 -0.89 0.00	44.70 -1.14 0.00	48.88 -1.41 0.00	47.79 -1.48 0.00	48.27 -1.54 0.00	49.27 -1.58 0.00	50.63 -1.62 0.00	52.95 -1.69 0.00	50.59 -1.72 -0.12	50.87 -1.63 -0.02	43.70 -1.52 -0.56	41.94 -1.46 -0.55	39.20 -1.60 4.87	40.10 -1.73 9.03	45.02 -1.83 14.28	51.46 -2.11 12.33	48.42 -1.85 4.06	43.61 -1.70 3.13	38.62 -1.19 0.00
SITHE_IND_GS4 24172	36.39 -0.90 0.00	33.52 -0.86 0.00	30.85 -0.76 0.00	29.54 -0.76 0.00	30.31 -0.75 0.00	34.89 -0.89 0.00	44.70 -1.14 0.00	48.88 -1.41 0.00	47.79 -1.48 0.00	48.27 -1.54 0.00	49.27 -1.58 0.00	50.63 -1.62 0.00	52.95 -1.69 0.00	50.59 -1.72 -0.12	50.87 -1.63 -0.02	43.70 -1.52 -0.56	41.94 -1.46 -0.55	39.20 -1.60 4.87	40.10 -1.73 9.03	45.02 -1.83 14.28	51.46 -2.11 12.33	48.42 -1.85 4.06	43.61 -1.70 3.13	38.62 -1.19 0.00
SITHE___BATAVIA 24024	36.35 -0.93 0.00	32.96 -1.41 0.00	30.48 -1.14 0.00	29.18 -1.12 0.00	29.87 -1.18 0.00	34.11 -1.68 0.00	43.73 -2.11 0.00	48.12 -2.16 0.00	46.75 -2.51 0.01	46.81 -3.19 -0.19	47.58 -3.25 0.01	48.84 -3.40 0.01	51.02 -3.66 -0.03	48.31 -3.97 -0.09	48.70 -3.78 0.00	41.81 -3.48 -0.63	40.00 -3.47 -0.62	42.24 -3.47 -0.04	47.56 -3.71 -0.40	58.07 -3.05 0.01	63.07 -2.83 0.00	51.56 -2.77 0.00	45.67 -2.76 0.01	37.82 -1.99 0.00
SITHE___INDEPEND 23800	36.39 -0.89 0.00	33.52 -0.86 0.00	30.85 -0.76 0.00	29.54 -0.76 0.00	30.31 -0.75 0.00	34.89 -0.89 0.00	44.65 -1.19 0.00	48.88 -1.41 0.00	47.79 -1.48 0.00	48.27 -1.54 0.00	49.27 -1.58 0.00	50.63 -1.62 0.00	52.90 -1.75 0.00	50.54 -1.77 -0.12	50.87 -1.63 -0.02	43.75 -1.47 -0.56	41.99 -1.41 -0.55	39.20 -1.60 4.87	40.10 -1.73 9.04	45.02 -1.83 14.28	51.46 -2.11 12.33	48.47 -1.79 4.06	43.61 -1.70 3.13	38.54 -1.27 0.00
SITHE___MASSENA 23902	36.57 -0.71 0.00	33.86 -0.51 0.00	31.20 -0.41 0.00	29.96 -0.33 0.00	30.74 -0.31 0.00	35.43 -0.36 0.00	45.52 -0.32 0.00	50.18 -0.10 0.00	49.62 0.00 -0.35	64.96 0.10 -15.05	51.19 0.00 -0.35	52.14 -0.10 0.00	58.17 -0.16 -3.69	52.04 -0.16 0.00	52.11 -0.36 0.00	44.40 -0.27 0.00	42.72 -0.13 0.00	45.67 0.00 0.00	50.71 -0.15 0.00	60.52 -0.61 0.00	65.70 -0.20 0.00	54.49 0.16 0.00	48.44 0.00 0.00	39.73 -0.08 0.00
SITHE___OGDNSBRG 24021	36.50 -0.78 0.00	33.79 -0.58 0.00	31.14 -0.47 0.00	29.90 -0.39 0.00	30.71 -0.34 0.00	35.46 -0.32 0.00	45.61 -0.23 0.00	50.28 0.00 0.00	49.48 -0.10 -0.31	62.95 -0.10 -13.24	50.89 -0.25 -0.31	51.78 -0.47 0.00	57.29 -0.60 -3.24	51.65 -0.57 -0.03	51.59 -0.89 -0.01	44.13 -0.71 -0.18	42.60 -0.43 -0.18	45.85 -0.14 -0.32	50.97 -0.25 -0.36	60.99 -0.55 -0.41	66.12 -0.13 -0.36	54.77 0.33 -0.12	48.72 0.19 -0.09	39.81 0.00 0.00
SITHE___STERLING 23777	38.17 0.89 0.00	35.13 0.76 0.00	32.37 0.76 0.00	30.96 0.67 0.00	31.83 0.78 0.00	36.75 0.97 0.00	47.22 1.37 0.00	51.89 1.61 0.00	50.72 1.43 -0.02	52.09 1.39 -0.89	52.34 1.48 -0.02	53.60 1.36 0.00	56.23 1.37 -0.22	53.73 1.41 -0.12	53.97 1.47 -0.02	46.59 1.16 -0.77	44.55 0.94 -0.76	47.92 1.19 -1.07	53.13 1.22 -1.05	64.03 1.90 -1.00	68.47 1.71 -0.86	56.02 1.41 -0.28	49.87 1.21 -0.22	40.73 0.92 0.00
SLEIGHT__34_KV_TB1 80719	36.65 -0.63 0.00	33.52 -0.86 0.00	30.92 -0.70 0.00	29.57 -0.73 0.00	30.34 -0.71 0.00	34.86 -0.93 0.00	44.56 -1.28 0.00	49.23 -1.06 0.00	48.09 -1.18 0.00	48.49 -1.54 -0.22	49.32 -1.53 0.00	50.67 -1.57 0.01	52.78 -1.91 -0.05	50.25 -2.09 -0.14	50.66 -1.84 -0.02	43.66 -1.74 -0.74	41.86 -1.71 -0.73	43.97 -1.96 -0.26	49.66 -1.93 -0.73	59.89 -1.65 -0.41	64.54 -1.71 -0.36	52.92 -1.52 -0.12	46.88 -1.65 -0.09	38.62 -1.19 0.00
SOUTH CAIRO___GT 23612	39.37 2.09 0.00	36.33 1.96 0.00	33.51 1.90 0.00	32.05 1.76 0.00	32.79 1.74 0.00	37.83 2.04 0.00	48.45 2.61 0.00	53.00 2.72 0.00	51.83 2.56 0.00	52.20 2.39 0.00	53.11 2.29 0.02	54.21 2.56 0.60	55.75 2.73 1.63	53.23 2.56 1.52	54.96 2.10 -0.38	59.33 1.52 -13.15	57.34 1.54 -12.95	59.37 1.78 -11.92	59.41 2.09 -6.46	64.31 3.18 0.00	69.13 3.23 0.00	56.77 2.44 0.00	50.76 2.32 0.00	41.80 1.99 0.00
SOUTH HAMPTN___IC 23720	41.97 3.69 -0.99	37.65 3.27 -0.01	34.81 3.19 -0.01	33.43 3.12 -0.01	34.23 3.17 -0.01	39.48 3.69 -0.01	50.76 4.91 -0.01	55.97 5.68 -0.01	54.74 5.47 0.00	55.49 5.68 0.00	56.58 5.74 0.00	58.21 5.95 -0.01	61.04 6.39 -0.01	60.25 6.21 -1.85	59.28 6.45 -0.35	61.87 5.27 -11.94	60.40 5.10 -12.45	62.23 5.25 -11.31	67.30 5.95 -10.48	74.84 7.39 -6.32	72.96 6.98 -0.08	59.22 4.89 -0.01	52.90 4.45 -0.01	43.04 3.22 -0.01
SOUTHDOW_115KV_TB1 355954	36.76 -0.52 0.00	33.21 -1.17 0.00	30.79 -0.82 0.00	29.48 -0.82 0.00	30.15 -0.90 0.00	34.32 -1.47 0.00	43.82 -2.02 0.00	48.02 -2.26 0.00	47.09 -2.17 0.02	47.99 -1.99 -0.17	48.84 -1.98 0.02	50.19 -2.04 0.02	52.59 -2.08 -0.02	50.13 -2.14 -0.07	50.48 -1.99 0.00	43.53 -1.74 -0.61	41.39 -2.06 -0.60	43.94 -1.83 -0.10	48.52 -2.70 -0.35	58.25 -2.87 0.01	63.85 -2.04 0.00	51.77 -2.55 0.00	45.86 -2.57 0.01	38.22 -1.59 0.00
SOUTHOLD_69_KV_BK 2 55809	41.67 3.39 -0.99	37.38 2.99 -0.01	34.56 2.94 -0.01	33.18 2.88 -0.01	33.98 2.92 -0.01	39.23 3.44 -0.01	50.53 4.68 -0.01	55.87 5.58 -0.01	54.59 5.32 0.00	55.34 5.53 0.00	56.43 5.59 0.00	58.11 5.85 -0.01	60.99 6.34 -0.01	60.10 6.05 -1.85	59.24 6.40 -0.36	61.74 5.14 -11.94	60.31 5.01 -12.45	61.96 4.98 -11.31	67.02 5.70 -10.46	74.72 7.27 -6.32	72.70 6.72 -0.08	58.95 4.62 -0.01	52.56 4.12 -0.01	42.88 3.07 -0.01
SOUTHOLD___IC 23719	41.67 3.39 -0.99	37.37 2.99 -0.01	34.56 2.94 -0.01	33.18 2.88 -0.01	33.98 2.92 -0.01	39.23 3.44 -0.01	50.43 4.58 -0.01	55.87 5.58 -0.01	54.59 5.32 0.00	55.34 5.53 0.00	56.48 5.64 0.00	58.11 5.85 -0.01	60.94 6.28 -0.01	60.15 6.10 -1.85	59.23 6.40 -0.35	61.78 5.18 -11.94	60.35 5.05 -12.45	62.00 5.02 -11.31	67.04 5.70 -10.48	74.60 7.15 -6.32	72.70 6.72 -0.08	58.95 4.61 -0.01	52.56 4.11 -0.01	42.72 2.90 -0.01
SOUTH_FORK_WT_PWR 323839	41.11 2.83 -0.99	36.89 2.51 -0.01	34.12 2.50 -0.01	32.76 2.45 -0.01	33.58 2.51 -0.01	38.73 2.94 -0.01	49.79 3.94 -0.01	55.37 5.08 -0.01	54.10 4.83 0.00	54.84 5.03 0.00	55.97 5.13 0.00	57.59 5.33 -0.01	60.39 5.74 -0.01	59.63 5.59 -1.85	58.70 5.88 -0.35	61.38 4.78 -11.94	59.97 4.67 -12.45	61.36 4.38 -11.31	66.38 5.04 -10.48	73.81 6.36 -6.32	71.78 5.80 -0.08	58.19 3.86 -0.01	51.94 3.49 -0.01	42.17 2.35 -0.01

SPIERFLS_115KV_TB 1 80737	39.63 2.35 0.00	36.58 2.20 0.00	33.67 2.05 0.00	32.23 1.94 0.00	32.95 1.89 0.00	38.11 2.33 0.00	48.91 3.07 0.00	53.55 3.27 0.00	52.57 3.30 0.00	53.20 3.39 0.00	54.46 3.61 -0.01	56.35 3.81 -0.29	59.47 4.04 -0.78	59.86 3.81 -3.86	56.56 3.67 -0.41	61.21 2.95 -13.60	58.90 2.66 -13.40	60.75 2.83 -12.25	60.65 3.00 -6.79	64.80 3.67 0.00	69.13 3.23 0.00	57.31 2.99 0.00	51.25 2.81 0.00	42.20 2.39 0.00
ST LAWRENCE____ 23600	36.39 -0.90 0.00	33.65 -0.72 0.00	31.04 -0.57 0.00	29.81 -0.49 0.00	30.55 -0.50 0.00	35.25 -0.54 0.00	45.20 -0.64 0.00	49.73 -0.55 0.00	48.75 -0.49 0.02	48.30 -0.45 1.07	50.31 -0.51 0.02	51.62 -0.62 0.00	53.73 -0.65 0.26	51.57 -0.62 0.00	51.69 -0.79 0.00	44.13 -0.53 0.00	42.42 -0.43 0.00	45.21 -0.46 0.00	50.31 -0.56 0.00	60.15 -0.98 0.00	65.30 -0.59 0.00	54.05 -0.27 0.00	48.10 -0.34 0.00	39.49 -0.32 0.00
STATE_CA_115KV_115_LB 55624	38.44 1.16 0.00	35.51 1.13 0.00	32.75 1.14 0.00	31.36 1.06 0.00	32.08 1.02 0.00	37.00 1.22 0.00	47.35 1.51 0.00	51.84 1.56 0.00	51.34 2.07 0.00	51.95 2.14 0.00	53.10 2.24 -0.02	55.21 2.46 -0.51	58.72 2.68 -1.39	59.93 2.56 -5.18	54.88 1.99 -0.41	59.92 1.70 -13.56	57.79 1.59 -13.36	59.60 1.64 -12.29	59.32 1.78 -6.67	63.27 2.14 0.00	67.41 1.52 0.00	55.52 1.20 0.00	49.70 1.26 0.00	40.88 1.07 0.00
STATE_ST_34_KV_LOAD 55959	37.47 0.19 0.00	34.41 0.03 0.00	31.71 0.09 0.00	30.30 0.00 0.00	31.11 0.06 0.00	35.86 0.07 0.00	45.98 0.14 0.00	50.59 0.30 0.00	49.48 0.20 -0.01	50.22 0.10 -0.30	50.90 0.05 -0.01	52.25 0.00 0.00	54.62 -0.11 -0.08	52.27 -0.21 -0.28	52.53 0.00 -0.05	45.50 -0.18 -1.01	43.72 -0.13 -1.00	47.48 -0.14 -1.95	52.88 -0.05 -2.06	63.68 0.37 -2.18	68.05 0.26 -1.89	54.95 0.00 -0.62	48.77 -0.15 -0.48	39.73 -0.08 0.00
STATION 5_MISC_HYD 23604	36.65 -0.63 0.00	33.41 -0.96 0.00	30.79 -0.82 0.00	29.48 -0.82 0.00	30.22 -0.84 0.00	34.61 -1.18 0.00	44.37 -1.47 0.00	48.98 -1.31 0.00	47.68 -1.58 0.01	47.91 -2.09 -0.19	48.75 -2.09 0.01	50.09 -2.14 0.01	52.49 -2.19 -0.03	49.63 -2.66 -0.09	50.07 -2.41 0.00	42.80 -2.50 -0.64	41.04 -2.44 -0.63	43.12 -2.56 -0.01	48.68 -2.59 -0.41	59.17 -1.96 0.00	63.92 -1.98 0.00	52.48 -1.85 0.00	46.49 -1.94 0.00	38.41 -1.39 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	36.91 -0.37 0.00	33.72 -0.65 0.00	31.11 -0.51 0.00	29.75 -0.55 0.00	30.52 -0.53 0.00	35.07 -0.72 0.00	44.79 -1.05 0.00	49.48 -0.80 0.00	48.33 -0.94 0.00	48.73 -1.30 -0.22	49.57 -1.27 0.00	50.88 -1.36 0.01	53.05 -1.64 -0.04	50.42 -1.88 -0.10	50.86 -1.63 -0.01	43.84 -1.52 -0.69	42.03 -1.50 -0.68	43.75 -1.69 0.23	49.92 -1.68 -0.74	60.23 -1.34 -0.45	64.90 -1.38 -0.39	53.20 -1.25 -0.13	47.13 -1.40 -0.09	38.85 -0.96 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	36.42 -0.86 0.00	33.21 -1.17 0.00	30.63 -0.98 0.00	29.33 -0.97 0.00	30.06 -0.99 0.00	34.43 -1.36 0.00	43.87 -1.97 0.00	48.68 -1.61 0.00	47.39 -1.87 0.01	47.66 -2.34 -0.19	48.55 -2.29 0.01	49.83 -2.40 0.01	51.90 -2.79 -0.04	49.21 -3.08 -0.09	49.76 -2.73 -0.01	42.81 -2.50 -0.65	41.04 -2.44 -0.64	42.83 -2.79 0.05	48.42 -2.85 -0.40	58.62 -2.51 0.00	63.33 -2.57 0.00	52.15 -2.17 0.00	46.20 -2.23 0.00	38.22 -1.59 0.00
STA_56____34_KV_BUS2 355983	36.42 -0.86 0.00	33.21 -1.17 0.00	30.63 -0.98 0.00	29.33 -0.97 0.00	30.06 -0.99 0.00	34.43 -1.36 0.00	43.87 -1.97 0.00	48.68 -1.61 0.00	47.39 -1.87 0.01	47.66 -2.34 -0.19	48.55 -2.29 0.01	49.83 -2.40 0.01	51.90 -2.79 -0.04	49.21 -3.08 -0.09	49.76 -2.73 -0.01	42.81 -2.50 -0.65	41.04 -2.44 -0.64	42.83 -2.79 0.05	48.42 -2.85 -0.40	58.62 -2.51 0.00	63.33 -2.57 0.00	52.15 -2.17 0.00	46.20 -2.23 0.00	38.22 -1.59 0.00
STA_67____115KV_BK2 355882	36.57 -0.71 0.00	33.31 -1.07 0.00	30.76 -0.85 0.00	29.42 -0.88 0.00	30.15 -0.90 0.00	34.53 -1.25 0.00	43.96 -1.88 0.00	48.88 -1.41 0.00	47.59 -1.68 0.01	47.76 -2.24 -0.19	48.70 -2.14 0.01	49.99 -2.25 0.01	52.00 -2.68 -0.04	49.31 -2.98 -0.09	49.86 -2.62 -0.01	42.89 -2.41 -0.64	41.17 -2.31 -0.63	43.03 -2.65 -0.01	48.57 -2.70 -0.40	58.80 -2.32 0.00	63.66 -2.24 0.00	52.42 -1.90 0.00	46.40 -2.03 0.00	38.38 -1.43 0.00
STA_7____115KV_9TRANS 80674	36.80 -0.48 0.00	33.52 -0.86 0.00	30.92 -0.70 0.00	29.57 -0.73 0.00	30.34 -0.71 0.00	34.75 -1.04 0.00	44.28 -1.56 0.00	49.28 -1.01 0.00	47.98 -1.28 0.01	48.21 -1.79 -0.19	49.11 -1.73 0.01	50.41 -1.83 0.01	52.50 -2.19 -0.04	49.73 -2.56 -0.09	50.28 -2.20 -0.01	43.25 -2.05 -0.64	41.47 -2.01 -0.63	43.35 -2.33 -0.01	48.92 -2.34 -0.40	59.29 -1.83 0.00	64.12 -1.78 0.00	52.80 -1.52 0.00	46.69 -1.74 0.00	38.62 -1.19 0.00
STA_82____115KV_TB1 80780	36.54 -0.75 0.00	33.31 -1.07 0.00	30.73 -0.89 0.00	29.39 -0.91 0.00	30.15 -0.90 0.00	34.53 -1.25 0.00	43.96 -1.88 0.00	48.78 -1.51 0.00	47.49 -1.77 0.01	47.66 -2.34 -0.19	48.60 -2.24 0.01	49.83 -2.40 0.01	51.89 -2.79 -0.04	49.16 -3.13 -0.09	49.71 -2.78 -0.01	42.80 -2.50 -0.64	41.04 -2.44 -0.63	42.89 -2.79 -0.01	48.47 -2.80 -0.40	58.68 -2.45 0.00	63.52 -2.37 0.00	52.31 -2.01 0.00	46.30 -2.13 0.00	38.34 -1.47 0.00
STEEL____WIND 323596	35.75 -1.53 0.00	32.28 -2.10 0.00	29.94 -1.68 0.00	28.66 -1.64 0.00	29.31 -1.74 0.00	33.35 -2.43 0.00	42.68 -3.16 0.00	46.66 -3.62 0.00	45.46 -3.79 0.01	45.90 -4.08 -0.18	46.81 -4.02 0.01	48.05 -4.18 0.02	49.97 -4.70 -0.02	47.78 -4.49 -0.07	48.01 -4.46 0.00	41.61 -3.66 -0.61	39.68 -3.77 -0.60	41.89 -3.84 -0.06	46.58 -4.68 -0.39	56.47 -4.65 0.01	61.68 -4.22 0.00	50.19 -4.13 0.00	44.51 -3.92 0.01	37.02 -2.79 0.00
STEPHTWN_115KV_BK_2 55603	38.62 1.34 0.00	35.68 1.31 0.00	32.91 1.30 0.00	31.51 1.21 0.00	32.23 1.18 0.00	37.22 1.43 0.00	47.63 1.79 0.00	52.14 1.86 0.00	51.14 1.87 0.00	51.70 1.89 0.00	52.74 1.93 0.04	53.38 2.14 1.01	54.23 2.35 2.76	50.47 2.24 3.97	55.07 2.20 -0.39	60.04 1.92 -13.45	57.90 1.80 -13.25	59.78 1.92 -12.20	59.57 2.09 -6.62	63.64 2.51 0.00	67.81 1.91 0.00	55.85 1.52 0.00	49.99 1.55 0.00	41.12 1.31 0.00
STEBEN_REC_LFGE 323667	37.06 -0.22 0.00	33.62 -0.76 0.00	31.08 -0.54 0.00	29.66 -0.64 0.00	30.43 -0.62 0.00	34.86 -0.93 0.00	44.42 -1.42 0.00	49.13 -1.16 0.00	47.94 -1.28 0.04	48.34 -1.59 -0.12	49.12 -1.68 0.04	50.26 -1.93 0.05	52.38 -2.24 0.02	49.73 -2.24 0.22	50.42 -1.99 0.06	43.23 -1.74 -0.31	41.44 -1.71 -0.30	44.28 -1.55 -0.17	50.03 -1.53 -0.70	60.24 -1.34 -0.45	65.51 -0.79 -0.40	53.21 -1.25 -0.13	46.83 -1.70 -0.09	38.73 -1.07 0.00
STILLWATER____SOLAR 323814	39.41 2.12 0.00	36.40 2.03 0.00	33.54 1.93 0.00	32.11 1.82 0.00	32.85 1.80 0.00	37.93 2.15 0.00	48.55 2.70 0.00	53.15 2.86 0.00	52.18 2.91 0.00	52.80 2.99 0.00	54.01 3.15 -0.01	55.93 3.35 -0.34	59.12 3.55 -0.92	59.80 3.44 -4.16	56.25 3.36 -0.41	61.09 2.90 -13.53	58.84 2.66 -13.33	60.69 2.83 -12.19	60.71 3.05 -6.79	64.74 3.61 0.00	69.00 3.10 0.00	57.04 2.72 0.00	51.05 2.61 0.00	41.92 2.11 0.00

STONY___BROOK 24151	42.08 3.80 -1.00	37.79 3.40 -0.01	34.94 3.32 -0.01	33.51 3.21 -0.01	34.29 3.23 -0.01	39.55 3.76 -0.01	50.85 5.00 -0.01	55.82 5.53 -0.01	54.79 5.52 0.00	55.54 5.73 0.00	56.48 5.64 0.00	58.11 5.85 -0.01	60.88 6.23 -0.01	59.99 5.95 -1.85	59.07 6.24 -0.35	61.64 5.05 -11.94	60.23 4.93 -12.45	62.23 5.25 -11.31	67.26 5.90 -10.50	74.75 7.27 -6.35	72.84 6.85 -0.09	59.22 4.89 -0.01	53.10 4.65 -0.01	43.28 3.46 -0.01
STURGEON_POOL_HYD 23609	39.70 2.42 0.00	36.58 2.20 0.00	33.79 2.18 0.00	32.39 2.09 0.00	33.13 2.08 0.00	38.18 2.40 0.00	49.10 3.25 0.00	53.95 3.67 0.00	53.06 3.79 0.00	53.85 4.03 0.00	54.90 4.07 0.00	56.50 4.39 0.13	59.10 4.81 0.36	57.74 4.44 -1.10	57.34 4.51 -0.36	60.15 3.30 -12.18	58.02 3.17 -12.00	60.15 3.43 -11.05	60.59 3.76 -5.96	66.02 4.89 0.00	70.51 4.61 0.00	57.58 3.26 0.00	51.34 2.91 0.00	42.04 2.23 0.00
ST_LAW_115_BK7_LBMP 345037	36.31 -0.97 0.00	33.59 -0.79 0.00	31.01 -0.60 0.00	29.75 -0.54 0.00	30.52 -0.53 0.00	35.21 -0.57 0.00	45.16 -0.69 0.00	49.68 -0.60 0.00	48.70 -0.54 0.03	48.06 -0.50 1.25	50.25 -0.56 0.03	51.57 -0.68 0.00	53.57 -0.77 0.31	51.52 -0.68 0.00	51.63 -0.84 0.00	44.08 -0.58 0.00	42.38 -0.47 0.00	45.21 -0.46 0.00	50.26 -0.61 0.00	60.03 -1.10 0.00	65.24 -0.66 0.00	54.05 -0.27 0.00	48.05 -0.39 0.00	39.45 -0.36 0.00
ST_LAW_115_BK8_LBMP 345038	36.31 -0.97 0.00	33.59 -0.79 0.00	31.01 -0.60 0.00	29.75 -0.54 0.00	30.52 -0.53 0.00	35.21 -0.57 0.00	45.16 -0.69 0.00	49.68 -0.60 0.00	48.70 -0.54 0.03	48.06 -0.50 1.25	50.25 -0.56 0.03	51.57 -0.68 0.00	53.57 -0.77 0.31	51.52 -0.68 0.00	51.63 -0.84 0.00	44.08 -0.58 0.00	42.38 -0.47 0.00	45.21 -0.46 0.00	50.26 -0.61 0.00	60.03 -1.10 0.00	65.24 -0.66 0.00	54.05 -0.27 0.00	48.05 -0.39 0.00	39.45 -0.36 0.00
ST_LAW_230_BK5_LBMP 345035	36.39 -0.90 0.00	33.65 -0.72 0.00	31.04 -0.57 0.00	29.81 -0.49 0.00	30.55 -0.50 0.00	35.25 -0.54 0.00	45.20 -0.64 0.00	49.73 -0.55 0.00	48.76 -0.49 0.02	48.47 -0.45 0.89	50.31 -0.51 0.02	51.62 -0.62 0.00	53.77 -0.65 0.22	51.57 -0.62 0.00	51.69 -0.79 0.00	44.13 -0.53 0.00	42.42 -0.43 0.00	45.21 -0.46 0.00	50.31 -0.56 0.00	60.15 -0.98 0.00	65.30 -0.59 0.00	54.05 -0.27 0.00	48.10 -0.34 0.00	39.49 -0.32 0.00
ST_LAW_230_BK6_LBMP 345036	36.39 -0.90 0.00	33.65 -0.72 0.00	31.04 -0.57 0.00	29.81 -0.49 0.00	30.55 -0.50 0.00	35.25 -0.54 0.00	45.20 -0.64 0.00	49.73 -0.55 0.00	48.76 -0.49 0.02	48.47 -0.45 0.89	50.31 -0.51 0.02	51.62 -0.62 0.00	53.77 -0.65 0.22	51.57 -0.62 0.00	51.69 -0.79 0.00	44.13 -0.53 0.00	42.42 -0.43 0.00	45.21 -0.46 0.00	50.31 -0.56 0.00	60.15 -0.98 0.00	65.30 -0.59 0.00	54.05 -0.27 0.00	48.10 -0.34 0.00	39.49 -0.32 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	39.48 2.20 0.00	36.37 1.99 0.00	33.60 1.99 0.00	32.23 1.94 0.00	32.98 1.93 0.00	38.01 2.22 0.00	48.91 3.07 0.00	53.70 3.42 0.00	52.87 3.60 0.00	53.65 3.84 0.00	54.76 3.91 0.00	56.37 4.13 0.00	59.13 4.48 0.00	58.14 4.18 -1.77	57.27 4.46 -0.34	59.51 3.35 -11.50	57.43 3.26 -11.33	59.62 3.52 -10.43	60.43 3.92 -5.65	65.96 4.83 0.00	70.18 4.28 0.00	57.31 2.99 0.00	51.05 2.62 0.00	41.80 1.99 0.00
SWANROAD_115KV_TB1 355699	34.93 -2.35 0.00	31.52 -2.85 0.00	29.24 -2.37 0.00	27.99 -2.30 0.00	28.63 -2.42 0.00	32.53 -3.26 0.00	41.12 -4.72 0.00	45.56 -4.73 0.00	44.23 -5.03 0.01	44.41 -5.58 -0.18	45.29 -5.54 0.01	46.48 -5.75 0.02	48.34 -6.34 -0.03	45.70 -6.58 -0.08	46.35 -6.14 -0.01	40.06 -5.23 -0.62	38.27 -5.18 -0.61	40.15 -5.57 -0.06	45.09 -6.15 -0.38	54.64 -6.48 0.01	59.70 -6.19 0.00	49.11 -5.22 0.00	43.49 -4.94 0.01	36.35 -3.46 0.00
SYNERGY___BIOGAS 323694	36.35 -0.93 0.00	32.97 -1.41 0.00	30.47 -1.14 0.00	29.14 -1.15 0.00	29.87 -1.18 0.00	34.10 -1.68 0.00	43.32 -2.52 0.00	48.12 -2.16 0.00	46.75 -2.51 0.01	46.81 -3.19 -0.19	47.63 -3.20 0.01	48.84 -3.40 0.01	50.80 -3.88 -0.04	48.11 -4.18 -0.09	48.66 -3.83 -0.01	41.99 -3.30 -0.63	40.17 -3.30 -0.62	42.19 -3.52 -0.04	47.54 -3.71 -0.39	57.70 -3.42 0.01	62.80 -3.10 0.00	51.61 -2.72 0.00	45.62 -2.81 0.01	37.94 -1.87 0.00
SYRACUSE___ENERGY_ST1 323597	37.39 0.11 0.00	34.38 0.00 0.00	31.68 0.06 0.00	30.30 0.00 0.00	31.08 0.03 0.00	35.82 0.04 0.00	45.89 0.05 0.00	50.38 0.10 0.00	49.33 0.05 -0.01	50.18 0.00 -0.37	50.90 0.05 -0.01	52.30 0.05 0.00	54.74 0.00 -0.09	52.34 -0.05 -0.20	52.57 0.05 -0.04	45.50 -0.09 -0.92	43.63 -0.13 -0.91	47.35 -0.18 -1.87	53.09 -0.15 -2.38	64.01 0.12 -2.75	68.21 -0.07 -2.38	54.89 -0.22 -0.78	48.75 -0.29 -0.60	39.65 -0.16 0.00
SYRACUSE___ENERGY_ST2 323598	37.39 0.11 0.00	34.38 0.00 0.00	31.68 0.06 0.00	30.30 0.00 0.00	31.08 0.03 0.00	35.82 0.04 0.00	45.89 0.05 0.00	50.38 0.10 0.00	49.33 0.05 -0.01	50.18 0.00 -0.37	50.90 0.05 -0.01	52.30 0.05 0.00	54.74 0.00 -0.09	52.34 -0.05 -0.20	52.57 0.05 -0.04	45.50 -0.09 -0.92	43.63 -0.13 -0.91	47.35 -0.18 -1.87	53.09 -0.15 -2.38	64.01 0.12 -2.75	68.21 -0.07 -2.38	54.89 -0.22 -0.78	48.75 -0.29 -0.60	39.65 -0.16 0.00
SYRACUSE___POWER 24017	37.36 0.07 0.00	34.38 0.00 0.00	31.68 0.06 0.00	30.30 0.00 0.00	31.08 0.03 0.00	35.82 0.04 0.00	45.89 0.05 0.00	50.38 0.10 0.00	49.38 0.10 -0.01	50.26 0.05 -0.40	50.90 0.05 -0.01	52.35 0.10 0.00	54.75 0.00 -0.10	52.39 -0.05 -0.24	52.63 0.10 -0.05	45.65 -0.04 -1.03	43.78 -0.09 -1.02	47.15 -0.14 -1.62	52.72 -0.10 -1.96	63.28 0.18 -1.96	67.59 0.00 -1.70	54.72 -0.16 -0.56	48.63 -0.24 -0.43	39.65 -0.16 0.00
TALLMAN__138KV_BK151 55660	39.74 2.46 0.00	36.61 2.23 0.00	33.83 2.21 0.00	32.45 2.15 0.00	33.19 2.14 0.00	38.26 2.47 0.00	49.28 3.44 0.00	54.11 3.82 0.00	53.31 4.04 0.00	54.14 4.33 0.00	55.26 4.42 0.00	56.90 4.65 0.00	59.73 5.08 0.00	58.74 4.75 -1.80	57.80 4.99 -0.34	60.18 3.84 -11.68	58.04 3.69 -11.51	60.23 3.97 -10.59	60.98 4.43 -5.69	66.57 5.44 0.00	70.77 4.88 0.00	57.69 3.37 0.00	51.44 3.00 0.00	42.08 2.27 0.00
TEALLAVE_115KV_TB7 355573	37.24 -0.04 0.00	34.24 -0.14 0.00	31.55 -0.06 0.00	30.20 -0.09 0.00	30.99 -0.06 0.00	35.68 -0.11 0.00	45.75 -0.09 0.00	50.18 -0.10 0.00	49.18 -0.10 -0.01	50.12 -0.15 -0.46	50.75 -0.10 -0.01	52.19 -0.05 0.00	54.59 -0.16 -0.11	52.16 -0.21 -0.18	52.46 -0.05 -0.03	45.31 -0.22 -0.87	43.45 -0.26 -0.85	46.75 -0.32 -1.40	52.31 -0.31 -1.75	62.81 -0.12 -1.80	67.12 -0.33 -1.55	54.46 -0.38 -0.51	48.40 -0.44 -0.39	39.53 -0.28 0.00
TELGRAPH_34_KV_EAST 80808	35.75 -1.53 0.00	32.31 -2.06 0.00	29.94 -1.68 0.00	28.66 -1.64 0.00	29.34 -1.71 0.00	33.42 -2.36 0.00	42.36 -3.48 0.00	47.02 -3.27 0.00	45.66 -3.60 0.01	45.81 -4.18 -0.19	46.66 -4.17 0.01	47.84 -4.39 0.01	49.82 -4.86 -0.04	47.11 -5.17 -0.08	47.71 -4.78 -0.01	41.18 -4.11 -0.63	39.39 -4.07 -0.62	41.38 -4.34 -0.05	46.52 -4.73 -0.38	56.36 -4.77 0.01	61.48 -4.42 0.00	50.52 -3.80 0.00	44.70 -3.73 0.01	37.26 -2.55 0.00

TEMPLE___115KV_TB 2 55572	37.28 0.00 0.00	34.27 -0.10 0.00	31.58 -0.03 0.00	30.20 -0.09 0.00	31.02 -0.03 0.00	35.72 -0.07 0.00	45.75 -0.09 0.00	50.23 -0.05 0.00	49.18 -0.10 -0.01	50.16 -0.10 -0.45	50.80 -0.05 -0.01	52.19 -0.05 0.00	54.65 -0.11 -0.11	52.22 -0.16 -0.18	52.46 -0.05 -0.03	45.36 -0.18 -0.88	43.50 -0.21 -0.87	46.75 -0.32 -1.41	52.30 -0.31 -1.74	62.79 -0.12 -1.78	67.17 -0.26 -1.54	54.45 -0.38 -0.51	48.39 -0.44 -0.39	39.53 -0.28 0.00
TIANA___69_KV_BK 1 55817	42.08 3.80 -0.99	37.75 3.37 -0.01	34.91 3.29 -0.01	33.52 3.21 -0.01	34.32 3.26 -0.01	39.59 3.79 -0.01	50.94 5.09 -0.01	56.08 5.78 -0.01	54.84 5.57 0.00	55.59 5.78 0.00	56.59 5.75 0.00	58.26 6.01 -0.01	61.16 6.50 -0.01	60.25 6.21 -1.85	59.39 6.56 -0.36	61.87 5.27 -11.94	60.40 5.10 -12.45	62.32 5.34 -11.31	67.43 6.10 -10.46	75.15 7.70 -6.32	73.16 7.18 -0.08	59.39 5.05 -0.01	53.05 4.60 -0.01	43.36 3.54 -0.01
TILDEN___115KV_TB1 80814	37.36 0.07 0.00	34.38 0.00 0.00	31.68 0.06 0.00	30.30 0.00 0.00	31.08 0.03 0.00	35.82 0.04 0.00	45.89 0.05 0.00	50.38 0.10 0.00	49.38 0.10 -0.01	50.26 0.05 -0.40	50.90 0.05 -0.01	52.35 0.10 0.00	54.75 0.00 -0.10	52.39 -0.05 -0.24	52.63 0.10 -0.05	45.65 -0.04 -1.03	43.78 -0.09 -1.02	47.15 -0.14 -1.62	52.72 -0.10 -1.96	63.28 0.18 -1.96	67.59 0.00 -1.70	54.72 -0.16 -0.56	48.63 -0.24 -0.43	39.65 -0.16 0.00
TRIGEN___CC 323695	42.06 3.06 -1.72	37.21 2.82 -0.02	34.41 2.78 -0.02	33.04 2.73 -0.02	33.74 2.67 -0.02	38.85 3.04 -0.02	50.03 4.17 -0.02	55.03 4.73 -0.02	54.10 4.83 0.00	54.94 5.13 0.00	55.98 5.14 0.00	57.54 5.28 -0.02	60.34 5.68 -0.02	59.32 5.27 -1.85	58.40 5.56 -0.37	60.89 4.29 -11.94	59.92 4.11 -12.96	61.78 4.43 -11.68	69.64 4.93 -13.84	78.16 6.11 -10.91	71.49 5.47 -0.12	58.20 3.86 -0.02	52.08 3.63 -0.02	42.73 2.91 -0.02
TRINITY___115KV___ 4 BK 55933	38.29 1.01 0.00	35.37 1.00 0.00	32.62 1.01 0.00	31.26 0.97 0.00	31.98 0.93 0.00	36.90 1.11 0.00	47.17 1.33 0.00	51.64 1.36 0.00	50.65 1.38 0.00	51.21 1.39 0.00	52.23 1.42 0.03	53.01 1.62 0.86	54.12 1.80 2.33	50.90 1.72 3.02	54.60 1.73 -0.39	59.61 1.47 -13.47	57.57 1.46 -13.27	59.43 1.55 -12.21	59.17 1.68 -6.63	63.09 1.96 0.00	67.22 1.32 0.00	55.36 1.03 0.00	49.60 1.16 0.00	40.80 1.00 0.00
UNION___PROCESSING_DRP 323587	36.57 -0.71 0.00	33.31 -1.07 0.00	30.73 -0.89 0.00	29.42 -0.88 0.00	30.15 -0.90 0.00	34.53 -1.25 0.00	43.96 -1.88 0.00	48.78 -1.51 0.00	47.49 -1.77 0.01	47.66 -2.34 -0.19	48.60 -2.24 0.01	49.89 -2.35 0.01	51.89 -2.79 -0.04	49.16 -3.13 -0.09	49.71 -2.78 -0.01	42.80 -2.50 -0.64	41.08 -2.40 -0.63	42.94 -2.74 -0.01	48.47 -2.80 -0.40	58.68 -2.45 0.00	63.52 -2.37 0.00	52.31 -2.01 0.00	46.30 -2.13 0.00	38.34 -1.47 0.00
UPPER HUDSON___HYD 24058	39.63 2.35 0.00	36.58 2.20 0.00	33.67 2.05 0.00	32.24 1.94 0.00	32.95 1.89 0.00	38.11 2.32 0.00	48.87 3.02 0.00	53.55 3.27 0.00	52.57 3.30 0.00	53.20 3.39 0.00	54.46 3.61 -0.01	56.34 3.81 -0.29	59.41 3.99 -0.78	59.92 3.86 -3.86	56.56 3.67 -0.41	61.26 2.99 -13.60	58.95 2.70 -13.40	60.75 2.83 -12.25	60.69 3.00 -6.83	64.74 3.61 0.00	69.06 3.16 0.00	57.31 2.99 0.00	51.29 2.86 0.00	42.12 2.31 0.00
UPPER RAQUET___HYD 24056	35.60 -1.68 0.00	32.96 -1.41 0.00	30.29 -1.33 0.00	29.05 -1.24 0.00	29.84 -1.21 0.00	34.46 -1.32 0.00	44.28 -1.56 0.00	48.88 -1.41 0.00	48.37 -1.18 -0.28	61.16 -0.75 -12.10	50.36 -0.76 -0.28	51.25 -0.99 0.00	56.46 -1.15 -2.96	50.83 -1.41 -0.04	50.75 -1.73 -0.01	43.29 -1.61 -0.23	41.62 -1.46 -0.23	44.76 -1.33 -0.42	49.72 -1.63 -0.48	59.42 -2.26 -0.56	64.27 -2.11 -0.48	53.23 -1.25 -0.16	47.35 -1.21 -0.12	38.82 -0.99 0.00
VALLEY44_115KV_TB2 355964	35.86 -1.42 0.00	32.42 -1.96 0.00	30.03 -1.58 0.00	28.78 -1.51 0.00	29.47 -1.58 0.00	33.60 -2.18 0.00	42.86 -2.98 0.00	46.92 -3.37 0.00	46.15 -3.10 0.02	47.49 -2.49 -0.17	48.13 -2.69 0.02	49.56 -2.66 0.02	52.04 -2.62 -0.02	50.13 -2.14 -0.07	49.90 -2.57 0.00	43.26 -2.01 -0.61	41.01 -2.44 -0.60	43.65 -2.10 -0.08	48.01 -3.20 -0.35	56.78 -4.34 0.01	62.21 -3.69 0.00	50.52 -3.80 0.00	44.65 -3.78 0.01	37.34 -2.47 0.00
VALLEY___115KV_TB 1-4 80826	38.33 1.04 0.00	35.41 1.03 0.00	32.62 1.01 0.00	31.30 1.00 0.00	32.08 1.02 0.00	36.97 1.18 0.00	47.31 1.47 0.00	51.84 1.56 0.00	50.70 1.43 -0.01	51.68 1.59 -0.28	52.58 1.73 -0.01	53.97 1.72 0.00	56.35 1.64 -0.07	53.76 1.57 0.00	54.00 1.52 0.00	45.96 1.30 0.00	44.01 1.16 0.00	46.90 1.23 0.00	52.09 1.22 0.00	62.72 1.59 0.00	67.22 1.32 0.00	55.30 0.98 0.00	49.21 0.77 0.00	40.29 0.48 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	39.18 1.90 0.00	36.09 1.72 0.00	33.32 1.71 0.00	31.90 1.61 0.00	32.73 1.68 0.00	37.75 1.97 0.00	50.06 4.22 0.00	55.41 5.13 0.00	54.10 4.83 -0.01	54.75 4.93 -0.01	56.09 5.24 -0.01	57.42 5.12 -0.05	60.14 5.36 -0.14	58.30 5.27 -0.83	57.87 5.30 -0.09	52.87 4.42 -3.79	50.18 3.60 -3.73	53.93 4.20 -4.06	55.87 2.95 -2.06	65.73 3.85 -0.75	69.97 3.43 -0.65	57.25 2.72 -0.21	51.12 2.52 -0.17	41.76 1.95 0.00
VISCHER___FERRY HYD 24020	38.88 1.60 0.00	35.96 1.58 0.00	33.16 1.55 0.00	31.78 1.48 0.00	32.51 1.46 0.00	37.54 1.75 0.00	47.91 2.06 0.00	52.55 2.26 0.00	51.49 2.22 0.00	52.05 2.24 0.00	53.20 2.34 -0.02	55.24 2.56 -0.43	58.44 2.62 -1.17	59.55 2.66 -4.69	55.56 2.67 -0.41	60.41 2.32 -13.43	58.30 2.23 -13.23	60.09 2.33 -12.10	60.14 2.54 -6.73	64.12 2.99 0.00	68.20 2.31 0.00	56.34 2.01 0.00	50.47 2.03 0.00	41.40 1.59 0.00
V_A_10_SYNC_DSASP 323832	35.83 -1.45 0.00	32.42 -1.96 0.00	30.00 -1.61 0.00	28.72 -1.58 0.00	29.41 -1.65 0.00	33.53 -2.25 0.00	42.45 -3.39 0.00	47.07 -3.22 0.00	45.61 -3.65 0.01	45.55 -4.43 -0.18	46.51 -4.32 0.01	47.69 -4.55 0.01	49.54 -5.14 -0.03	46.80 -5.48 -0.08	47.50 -4.99 -0.01	40.95 -4.33 -0.62	39.34 -4.11 -0.61	41.15 -4.57 -0.05	46.46 -4.78 -0.38	56.42 -4.71 0.01	61.42 -4.48 0.00	50.52 -3.80 0.00	44.75 -3.68 0.01	37.26 -2.55 0.00
V_CMM_10_SYNC_DSASP 323787	36.46 -0.82 0.00	33.72 -0.65 0.00	31.14 -0.47 0.00	29.90 -0.39 0.00	30.65 -0.40 0.00	35.36 -0.43 0.00	45.34 -0.50 0.00	49.88 -0.40 0.00	48.94 -0.30 0.03	48.31 -0.25 1.25	50.51 -0.31 0.03	51.83 -0.42 0.00	53.74 -0.60 0.31	51.88 -0.31 0.00	51.79 -0.68 0.00	44.30 -0.36 0.00	42.59 -0.26 0.00	45.44 -0.23 0.00	50.51 -0.36 0.00	60.03 -1.10 0.00	65.24 -0.66 0.00	54.27 -0.05 0.00	48.29 -0.15 0.00	39.61 -0.20 0.00
V_CMP_10_SYNC_DSASP 323788	36.65 -0.63 0.00	33.96 -0.41 0.00	31.39 -0.22 0.00	30.17 -0.12 0.00	30.99 -0.06 0.00	35.79 0.00 0.00	45.98 0.14 0.00	50.69 0.40 0.00	49.70 0.44 0.01	49.57 0.40 0.64	51.13 0.31 0.01	52.46 0.21 0.00	54.71 0.22 0.16	52.51 0.31 0.00	52.58 0.10 0.00	44.84 0.18 0.00	43.15 0.30 0.00	46.12 0.46 0.00	51.22 0.36 0.00	61.19 0.06 0.00	66.42 0.53 0.00	54.92 0.60 0.00	48.82 0.39 0.00	40.01 0.20 0.00

V_D_10_SYNC_DSASP 323841	36.57 -0.71 0.00	33.86 -0.52 0.00	31.20 -0.41 0.00	29.96 -0.33 0.00	30.74 -0.31 0.00	35.46 -0.32 0.00	45.52 -0.32 0.00	50.18 -0.10 0.00	49.62 0.00 -0.35	65.00 0.10 -15.09	51.24 0.05 -0.35	52.14 -0.10 0.00	58.18 -0.16 -3.70	52.14 -0.05 0.00	52.16 -0.31 0.00	44.39 -0.27 0.00	42.72 -0.13 0.00	45.71 0.05 0.00	50.71 -0.15 0.00	60.52 -0.61 0.00	65.77 -0.13 0.00	54.49 0.16 0.00	48.49 0.05 0.00	39.73 -0.08 0.00
V_E_10_SYNC_DSASP 323830	39.74 2.46 0.00	36.54 2.17 0.00	33.73 2.12 0.00	32.20 1.91 0.00	33.19 2.14 0.00	38.33 2.54 0.00	49.83 3.99 0.00	55.01 4.73 0.00	53.53 4.24 -0.02	53.98 4.13 -0.04	54.98 4.12 -0.02	56.08 3.81 -0.02	58.50 3.83 -0.03	56.86 3.81 -0.85	56.63 3.99 -0.17	52.04 3.30 -4.07	49.73 2.87 -4.01	53.64 3.61 -4.37	56.85 3.36 -2.63	67.00 4.83 -1.04	71.34 4.55 -0.89	58.26 3.64 -0.29	51.72 3.05 -0.23	42.20 2.39 0.00
V_F_30_NSYNC___DSASP 323816	39.44 2.16 0.00	36.44 2.06 0.00	33.57 1.96 0.00	32.14 1.85 0.00	32.85 1.80 0.00	37.97 2.18 0.00	48.64 2.80 0.00	53.25 2.97 0.00	52.23 2.96 0.00	52.85 3.04 0.00	54.11 3.25 -0.01	56.03 3.45 -0.33	59.26 3.72 -0.90	59.86 3.55 -4.12	56.35 3.46 -0.41	61.15 2.95 -13.54	58.89 2.70 -13.34	60.74 2.88 -12.20	60.72 3.10 -6.76	64.86 3.73 0.00	69.13 3.23 0.00	57.09 2.77 0.00	51.10 2.66 0.00	42.00 2.19 0.00
V_F_30_SYNC_DSASP 323786	38.44 1.16 0.00	35.51 1.13 0.00	32.72 1.11 0.00	31.36 1.06 0.00	32.08 1.02 0.00	37.00 1.22 0.00	47.35 1.51 0.00	51.84 1.56 0.00	51.34 2.07 0.00	51.95 2.14 0.00	53.10 2.24 -0.02	55.22 2.46 -0.51	58.72 2.68 -1.40	59.95 2.56 -5.20	54.88 1.99 -0.41	59.91 1.70 -13.55	57.78 1.59 -13.35	59.60 1.64 -12.29	59.31 1.78 -6.67	63.27 2.14 0.00	67.41 1.52 0.00	55.52 1.20 0.00	49.70 1.26 0.00	40.88 1.07 0.00
V_XM_10_SYNC_DSASP 323789	36.65 -0.63 0.00	33.96 -0.41 0.00	31.39 -0.22 0.00	30.17 -0.12 0.00	30.99 -0.06 0.00	35.79 0.00 0.00	45.98 0.14 0.00	50.69 0.40 0.00	49.70 0.44 0.01	49.57 0.40 0.64	51.13 0.31 0.01	52.46 0.21 0.00	54.71 0.22 0.16	52.51 0.31 0.00	52.58 0.10 0.00	44.84 0.18 0.00	43.15 0.30 0.00	46.12 0.46 0.00	51.22 0.36 0.00	61.19 0.06 0.00	66.42 0.53 0.00	54.92 0.60 0.00	48.82 0.39 0.00	40.01 0.20 0.00
W.BABYLN_69_KV_BK1 56697	42.20 3.84 -1.08	37.82 3.44 -0.01	34.97 3.35 -0.01	33.55 3.24 -0.01	34.32 3.26 -0.01	39.59 3.79 -0.01	50.94 5.09 -0.01	55.88 5.58 -0.01	54.84 5.57 0.00	55.59 5.78 0.00	56.59 5.75 0.00	58.21 5.96 -0.01	61.05 6.39 -0.01	60.05 6.00 -1.85	59.19 6.35 -0.36	61.65 5.05 -11.94	60.25 4.88 -12.51	62.28 5.25 -11.36	67.64 5.90 -10.88	75.40 7.40 -6.88	72.83 6.85 -0.08	59.28 4.94 -0.01	53.10 4.65 -0.01	43.44 3.62 -0.01
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	39.82 2.54 0.00	36.68 2.30 0.00	33.92 2.31 0.00	32.51 2.21 0.00	33.26 2.20 0.00	38.33 2.54 0.00	49.37 3.53 0.00	54.26 3.97 0.00	53.41 4.14 0.00	54.29 4.48 0.00	55.42 4.58 0.00	57.05 4.81 0.00	59.89 5.25 0.00	58.91 4.91 -1.81	57.96 5.14 -0.34	60.32 3.93 -11.73	58.18 3.77 -11.56	60.36 4.06 -10.63	61.11 4.53 -5.72	66.69 5.56 0.00	70.97 5.07 0.00	57.86 3.53 0.00	51.54 3.10 0.00	42.16 2.35 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	40.08 2.80 0.00	36.92 2.54 0.00	34.14 2.53 0.00	32.75 2.45 0.00	33.47 2.42 0.00	38.58 2.79 0.00	49.78 3.94 0.00	54.76 4.48 0.00	54.00 4.73 0.00	54.94 5.13 0.00	56.08 5.24 0.00	57.73 5.49 0.00	60.55 5.90 0.00	59.57 5.53 -1.84	58.65 5.82 -0.35	61.05 4.47 -11.93	58.92 4.33 -11.75	61.08 4.61 -10.80	61.83 5.14 -5.82	67.43 6.30 0.00	71.50 5.60 0.00	58.24 3.91 0.00	51.83 3.39 0.00	42.40 2.59 0.00
W50THST__13_KV_LOAD 356117	40.19 2.91 0.00	37.02 2.65 0.00	34.24 2.62 0.00	32.87 2.58 0.00	33.60 2.55 0.00	38.72 2.93 0.00	49.97 4.13 0.00	55.01 4.73 0.00	54.25 4.98 0.00	55.19 5.38 0.00	56.33 5.49 0.00	57.99 5.75 0.00	60.88 6.23 0.00	59.83 5.79 -1.84	58.96 6.14 -0.35	61.32 4.73 -11.93	59.14 4.54 -11.75	61.31 4.84 -10.80	62.08 5.39 -5.82	67.73 6.60 0.00	71.76 5.86 0.00	58.45 4.13 0.00	52.02 3.58 0.00	42.52 2.71 0.00
WADING RIVER_IC_1 23522	42.08 3.80 -0.99	37.76 3.37 -0.01	34.91 3.29 -0.01	33.51 3.21 -0.01	34.29 3.23 -0.01	39.55 3.76 -0.01	50.85 5.00 -0.01	55.87 5.58 -0.01	54.74 5.47 0.00	55.44 5.63 0.00	56.43 5.59 0.00	58.05 5.80 -0.01	60.83 6.17 -0.01	59.99 5.95 -1.85	59.07 6.24 -0.35	61.69 5.09 -11.94	60.22 4.93 -12.45	62.23 5.25 -11.31	67.24 5.90 -10.48	74.78 7.33 -6.32	72.89 6.92 -0.08	59.22 4.89 -0.01	53.05 4.60 -0.01	43.20 3.38 -0.01
WADING RIVER_IC_2 23547	42.08 3.80 -0.99	37.76 3.37 -0.01	34.91 3.29 -0.01	33.51 3.21 -0.01	34.29 3.23 -0.01	39.55 3.76 -0.01	50.85 5.00 -0.01	55.87 5.58 -0.01	54.74 5.47 0.00	55.44 5.63 0.00	56.43 5.59 0.00	58.05 5.80 -0.01	60.83 6.17 -0.01	59.99 5.95 -1.85	59.07 6.24 -0.35	61.69 5.09 -11.94	60.22 4.93 -12.45	62.23 5.25 -11.31	67.24 5.90 -10.48	74.78 7.33 -6.32	72.89 6.92 -0.08	59.22 4.89 -0.01	53.05 4.60 -0.01	43.20 3.38 -0.01
WADING RIVER_IC_3 23601	42.08 3.80 -0.99	37.76 3.37 -0.01	34.91 3.29 -0.01	33.51 3.21 -0.01	34.29 3.23 -0.01	39.55 3.76 -0.01	50.85 5.00 -0.01	55.87 5.58 -0.01	54.74 5.47 0.00	55.44 5.63 0.00	56.43 5.59 0.00	58.05 5.80 -0.01	60.83 6.17 -0.01	59.99 5.95 -1.85	59.07 6.24 -0.35	61.69 5.09 -11.94	60.22 4.93 -12.45	62.23 5.25 -11.31	67.24 5.90 -10.48	74.78 7.33 -6.32	72.89 6.92 -0.08	59.22 4.89 -0.01	53.05 4.60 -0.01	43.20 3.38 -0.01
WALDENNY_12_KV_BK2 80841	35.71 -1.57 0.00	32.21 -2.17 0.00	29.91 -1.71 0.00	28.63 -1.67 0.00	29.28 -1.77 0.00	33.32 -2.47 0.00	42.22 -3.62 0.00	46.61 -3.67 0.00	45.41 -3.84 0.01	45.90 -4.08 -0.18	46.81 -4.02 0.01	48.05 -4.18 0.02	50.14 -4.54 -0.03	47.52 -4.75 -0.07	48.07 -4.41 -0.01	41.52 -3.75 -0.61	39.59 -3.86 -0.60	41.70 -4.02 -0.06	46.55 -4.68 -0.37	56.11 -5.01 0.01	61.35 -4.55 0.00	50.20 -4.13 0.00	44.46 -3.97 0.01	37.14 -2.67 0.00
WALDEN___HYDRO 24148	39.97 2.68 0.00	36.82 2.44 0.00	34.05 2.43 0.00	32.60 2.30 0.00	33.35 2.30 0.00	38.43 2.65 0.00	49.46 3.62 0.00	54.36 4.07 0.00	53.51 4.24 0.00	54.24 4.43 0.00	55.37 4.52 0.00	56.93 4.70 0.02	59.78 5.19 0.06	58.74 4.80 -1.74	57.76 4.93 -0.35	60.49 3.75 -12.08	58.35 3.60 -11.90	60.49 3.88 -10.94	61.04 4.27 -5.90	66.51 5.38 0.00	71.04 5.14 0.00	57.96 3.64 0.00	51.63 3.20 0.00	42.28 2.47 0.00
WARRENSBURG____ 23737	39.63 2.35 0.00	36.58 2.20 0.00	33.67 2.05 0.00	32.23 1.94 0.00	32.95 1.89 0.00	38.11 2.33 0.00	48.91 3.07 0.00	53.55 3.27 0.00	52.57 3.30 0.00	53.20 3.39 0.00	54.46 3.61 -0.01	56.35 3.81 -0.29	59.47 4.04 -0.78	59.86 3.81 -3.86	56.56 3.67 -0.41	61.21 2.95 -13.60	58.90 2.66 -13.40	60.75 2.83 -12.25	60.65 3.00 -6.79	64.80 3.67 0.00	69.13 3.23 0.00	57.31 2.99 0.00	51.25 2.81 0.00	42.20 2.39 0.00

WATERSIDE___6 8 9 23538	39.96 2.68 0.00	36.85 2.48 0.00	34.14 2.53 0.00	32.75 2.45 0.00	33.47 2.42 0.00	38.43 2.65 0.00	49.60 3.76 0.00	54.61 4.32 0.00	53.80 4.53 0.00	54.79 4.98 0.00	55.93 5.08 0.00	57.58 5.33 0.00	60.38 5.74 0.00	59.36 5.32 -1.84	58.44 5.61 -0.35	60.92 4.33 -11.93	58.75 4.16 -11.75	60.90 4.43 -10.80	61.67 4.98 -5.82	67.24 6.11 0.00	71.17 5.27 0.00	58.02 3.69 0.00	51.63 3.20 0.00	42.24 2.43 0.00
WATKINRD_115KV_LN8_ILLION 55919	38.81 1.53 0.00	35.89 1.51 0.00	33.10 1.49 0.00	31.75 1.45 0.00	32.54 1.49 0.00	37.50 1.72 0.00	48.00 2.15 0.00	52.50 2.21 0.00	51.34 2.07 -0.01	52.33 2.24 -0.28	53.29 2.44 -0.01	54.65 2.40 0.00	56.90 2.19 -0.07	54.28 2.09 0.00	54.58 2.10 0.00	46.45 1.79 0.00	44.43 1.59 0.00	47.36 1.69 0.00	52.59 1.73 0.00	63.33 2.20 0.00	67.87 1.98 0.00	55.79 1.47 0.00	49.65 1.21 0.00	40.61 0.80 0.00
WDELAWARE___HYD 323627	40.08 2.80 0.00	36.92 2.54 0.00	34.14 2.53 0.00	32.69 2.39 0.00	33.44 2.39 0.00	38.54 2.76 0.00	49.60 3.76 0.00	54.61 4.33 0.00	53.75 4.48 0.00	54.55 4.73 0.00	55.67 4.83 0.00	57.17 4.97 0.04	59.88 5.36 0.12	58.70 5.01 -1.49	57.84 5.04 -0.32	59.79 3.88 -11.25	57.65 3.73 -11.08	59.91 4.02 -10.23	60.89 4.32 -5.70	66.51 5.38 0.00	71.30 5.40 0.00	58.18 3.86 0.00	51.83 3.39 0.00	42.36 2.55 0.00
WEST BABYLON___IC 23714	42.20 3.84 -1.08	37.82 3.44 -0.01	34.97 3.35 -0.01	33.55 3.24 -0.01	34.32 3.26 -0.01	39.59 3.79 -0.01	50.94 5.09 -0.01	55.88 5.58 -0.01	54.84 5.57 0.00	55.59 5.78 0.00	56.59 5.75 0.00	58.21 5.96 -0.01	61.05 6.39 -0.01	60.05 6.00 -1.85	59.19 6.35 -0.36	61.65 5.05 -11.94	60.25 4.88 -12.51	62.28 5.25 -11.36	67.64 5.90 -10.88	75.40 7.40 -6.88	72.83 6.85 -0.08	59.28 4.94 -0.01	53.10 4.65 -0.01	43.44 3.62 -0.01
WEST CANADA___HYD 24049	37.47 0.19 0.00	34.55 0.17 0.00	31.84 0.22 0.00	30.51 0.21 0.00	31.24 0.19 0.00	36.04 0.25 0.00	46.12 0.28 0.00	50.59 0.30 0.00	49.57 0.30 -0.01	50.39 0.30 -0.28	51.15 0.31 -0.01	52.56 0.32 0.00	55.04 0.33 -0.07	52.51 0.32 0.00	52.85 0.37 0.00	44.93 0.27 0.00	43.11 0.26 0.00	45.94 0.28 0.00	51.17 0.31 0.00	61.56 0.43 0.00	66.10 0.20 0.00	54.49 0.16 0.00	48.63 0.19 0.00	39.93 0.12 0.00
WESTERN_NY_WIND 24143	36.31 -0.97 0.00	32.90 -1.48 0.00	30.41 -1.20 0.00	29.11 -1.18 0.00	29.84 -1.21 0.00	34.03 -1.75 0.00	43.23 -2.61 0.00	47.97 -2.31 0.00	46.65 -2.61 0.01	46.71 -3.29 -0.19	47.53 -3.30 0.01	48.73 -3.50 0.01	50.69 -3.99 -0.04	47.95 -4.33 -0.09	48.55 -3.94 -0.01	41.85 -3.44 -0.63	40.08 -3.39 -0.62	42.10 -3.61 -0.04	47.43 -3.81 -0.38	57.58 -3.55 0.01	62.67 -3.23 0.00	51.50 -2.82 0.00	45.52 -2.91 0.01	37.86 -1.95 0.00
WESTOVER___LESR 323668	37.95 0.67 0.00	34.86 0.48 0.00	32.15 0.54 0.00	30.75 0.45 0.00	31.55 0.50 0.00	36.32 0.54 0.00	46.62 0.78 0.00	51.04 0.75 0.00	50.01 0.74 0.00	50.57 0.75 -0.01	51.61 0.76 0.00	53.03 0.78 0.00	55.41 0.77 0.00	53.60 0.73 -0.67	53.43 0.84 -0.12	51.26 0.80 -5.80	49.25 0.69 -5.71	52.97 0.78 -6.53	54.85 0.86 -3.12	63.39 1.22 -1.04	67.84 1.05 -0.89	55.27 0.65 -0.29	49.16 0.48 -0.24	40.25 0.44 0.00
WETHRSFD_WT_PWR 323626	36.05 -1.23 0.00	32.59 -1.79 0.00	30.19 -1.42 0.00	28.87 -1.42 0.00	29.56 -1.49 0.00	33.71 -2.08 0.00	43.23 -2.61 0.00	47.32 -2.97 0.00	46.10 -3.15 0.02	46.49 -3.49 -0.16	47.26 -3.56 0.02	48.36 -3.87 0.02	50.23 -4.42 -0.01	48.04 -4.18 -0.02	48.36 -4.09 0.02	41.81 -3.40 -0.54	40.04 -3.34 -0.53	42.32 -3.38 -0.03	47.38 -3.87 -0.38	57.39 -3.73 0.01	62.60 -3.29 0.00	50.96 -3.37 0.00	45.08 -3.34 0.01	37.42 -2.39 0.00
WHAVSTOR_138KV_BK127 55557	39.70 2.42 0.00	36.58 2.20 0.00	33.83 2.21 0.00	32.45 2.15 0.00	33.16 2.11 0.00	38.26 2.47 0.00	49.23 3.39 0.00	54.11 3.82 0.00	53.26 3.99 0.00	54.09 4.28 0.00	55.21 4.37 0.00	56.84 4.60 0.00	59.67 5.03 0.00	58.70 4.70 -1.81	57.80 4.99 -0.34	60.20 3.80 -11.74	58.06 3.64 -11.57	60.24 3.93 -10.64	60.97 4.37 -5.73	66.51 5.38 0.00	70.71 4.81 0.00	57.64 3.31 0.00	51.39 2.95 0.00	42.04 2.23 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	39.70 2.42 0.00	36.58 2.20 0.00	33.83 2.21 0.00	32.45 2.15 0.00	33.16 2.11 0.00	38.26 2.47 0.00	49.23 3.39 0.00	54.11 3.82 0.00	53.26 3.99 0.00	54.09 4.28 0.00	55.21 4.37 0.00	56.84 4.60 0.00	59.67 5.03 0.00	58.70 4.70 -1.81	57.80 4.99 -0.34	60.20 3.80 -11.74	58.06 3.64 -11.57	60.24 3.93 -10.64	60.97 4.37 -5.73	66.51 5.38 0.00	70.71 4.81 0.00	57.64 3.31 0.00	51.39 2.95 0.00	42.04 2.23 0.00
WHITEHAL_115KV_TB1 80871	40.08 2.80 0.00	37.02 2.65 0.00	34.05 2.43 0.00	32.57 2.27 0.00	33.32 2.27 0.00	38.58 2.79 0.00	49.60 3.76 0.00	54.16 3.87 0.00	53.16 3.89 0.00	53.70 3.89 0.00	54.97 4.12 -0.01	56.83 4.28 -0.30	59.99 4.54 -0.80	60.39 4.28 -3.92	56.93 4.04 -0.41	61.60 3.35 -13.59	59.32 3.09 -13.38	61.24 3.33 -12.24	61.31 3.66 -6.78	65.65 4.52 0.00	70.05 4.15 0.00	58.02 3.69 0.00	51.88 3.44 0.00	42.64 2.83 0.00
WHITEPLN_13_KV_LOAD 356215	40.08 2.80 0.00	36.95 2.58 0.00	34.14 2.53 0.00	32.75 2.45 0.00	33.47 2.42 0.00	38.61 2.83 0.00	49.78 3.94 0.00	54.71 4.43 0.00	53.95 4.68 0.00	54.89 5.08 0.00	56.03 5.19 0.00	57.68 5.43 0.00	60.60 5.96 0.00	59.62 5.59 -1.84	58.75 5.93 -0.35	61.18 4.60 -11.92	58.96 4.37 -11.74	61.16 4.70 -10.79	61.87 5.19 -5.82	67.43 6.30 0.00	71.56 5.67 0.00	58.29 3.97 0.00	51.97 3.54 0.00	42.44 2.63 0.00
WM_FLOYD_69_KV_BK2 356380	42.12 3.84 -0.99	37.82 3.44 -0.01	34.94 3.32 -0.01	33.55 3.24 -0.01	34.32 3.26 -0.01	39.59 3.79 -0.01	50.94 5.09 -0.01	55.92 5.63 -0.01	54.74 5.47 0.00	55.49 5.68 0.00	56.43 5.59 0.00	58.06 5.80 -0.01	60.94 6.28 -0.01	60.05 6.00 -1.85	59.18 6.35 -0.36	61.65 5.05 -11.94	60.19 4.88 -12.45	62.23 5.25 -11.31	67.33 6.00 -10.47	74.98 7.52 -6.33	72.96 6.99 -0.08	59.28 4.94 -0.01	53.10 4.65 -0.01	43.44 3.62 -0.01
WOODARD__115KV_TB2 355635	37.21 -0.07 0.00	34.20 -0.17 0.00	31.52 -0.09 0.00	30.14 -0.15 0.00	30.96 -0.09 0.00	35.64 -0.14 0.00	45.66 -0.18 0.00	50.13 -0.15 0.00	49.08 -0.20 -0.01	50.00 -0.25 -0.44	50.70 -0.15 -0.01	52.09 -0.16 0.00	54.53 -0.22 -0.11	52.06 -0.31 -0.18	52.35 -0.16 -0.03	45.26 -0.27 -0.86	43.40 -0.30 -0.85	46.84 -0.41 -1.58	52.52 -0.41 -2.06	63.20 -0.18 -2.25	67.45 -0.40 -1.94	54.53 -0.43 -0.64	48.45 -0.48 -0.49	39.45 -0.36 0.00
YORK___WARBASSE 23770	40.23 2.95 -0.01	37.10 2.72 -0.01	34.37 2.75 -0.01	32.97 2.67 -0.01	33.70 2.64 -0.01	38.69 2.90 -0.01	49.93 4.08 -0.01	54.96 4.68 0.00	54.10 4.83 0.00	55.09 5.28 0.00	56.23 5.39 0.00	57.89 5.64 0.00	60.66 6.01 0.00	59.57 5.53 -1.84	58.70 5.88 -0.35	61.10 4.51 -11.93	58.97 4.37 -11.75	61.17 4.70 -10.80	61.99 5.29 -5.83	67.68 6.54 -0.01	71.64 5.73 -0.01	58.41 4.07 -0.01	51.98 3.54 -0.01	42.52 2.71 -0.01